

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109654.D
 Acq On : 8 Oct 2018 18:13
 Operator : JU/SJ
 Sample : PB113588BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Manual Integrations
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Sohil
 10/9/2018 2:57:27 PM

Quant Time: Oct 09 04:09:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115637	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	496129	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	238063	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	452119	20.00	ng	0.00
75) Chrysene-d12	13.83	240	280611	20.00	ng	0.00
86) Perylene-d12	15.22	264	229652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	759690	116.61	ng	0.01
7) Phenol-d6	6.36	99	948386	108.97	ng	0.00
23) Nitrobenzene-d5	7.26	82	621300	69.03	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	264774	102.07	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1182748	68.42	ng	0.00
78) Terphenyl-d14	12.79	244	1062830	73.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	103959	30.406	ng	98
3) Pyridine	3.20	79	214707	30.438	ng	98
4) n-Nitrosodimethylamine	3.14	42	121996	47.916	ng	95
6) Aniline	6.37	93	322650	31.826	ng	# 68
8) 2-Chlorophenol	6.49	128	336868	42.045	ng	99
9) Benzaldehyde	6.25	77	128303	22.910	ng	99
10) Phenol	6.37	94	392328	39.314	ng	89
11) bis(2-Chloroethyl)ether	6.44	93	294858	35.639	ng	100
12) 1,3-Dichlorobenzene	6.64	146	354138	38.645	ng	99
13) 1,4-Dichlorobenzene	6.72	146	378139	37.855	ng	98
14) 1,2-Dichlorobenzene	6.87	146	344781	39.302	ng	99
15) Benzyl Alcohol	6.86	79	274382	42.528	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	430480	39.240	ng	98
17) 2-Methylphenol	6.97	107	268126	42.318	ng	99
18) Hexachloroethane	7.20	117	133673	37.859	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	238795	39.127	ng	98
20) 3+4-Methylphenols	7.13	107	336908	43.153	ng	98
22) Acetophenone	7.11	105	485083	40.433	ng	99
24) Nitrobenzene	7.28	77	362250	38.680	ng	98
25) Isophorone	7.52	82	661833	44.283	ng	99
26) 2-Nitrophenol	7.60	139	179975	41.084	ng	100
27) 2,4-Dimethylphenol	7.65	122	296297	46.839	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	413080	40.861	ng	100
29) 2,4-Dichlorophenol	7.85	162	293692	41.391	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	300859	38.303	ng	99
31) Naphthalene	8.00	128	959422	41.815	ng	99
32) Benzoic acid	7.78	122	69376	15.339	ng	91
33) 4-Chloroaniline	8.06	127	304152	30.102	ng	99
34) Hexachlorobutadiene	8.12	225	180897	37.040	ng	99
35) Caprolactam	8.43	113	78899m	37.234	ng	
36) 4-Chloro-3-methylphenol	8.55	107	309935	41.380	ng	99
37) 2-Methylnaphthalene	8.69	142	656852	43.704	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	304822	37.615	ng	99
40) Hexachlorocyclopentadiene	8.85	237	269282	76.259	ng	99

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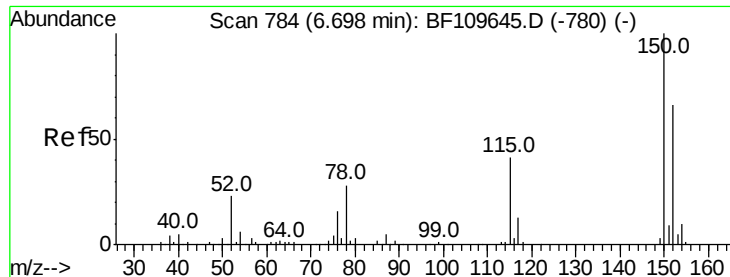
Manual Integrations
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 10/9/2018 2:57:27 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	196222	40.505	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	215762	38.736	nq	96
45) 1,1'-Biphenyl	9.16	154	786094	36.962	nq	99
46) 2-Chloronaphthalene	9.18	162	610262	38.301	nq	99
47) 2-Nitroaniline	9.28	65	192067	39.811	nq	99
48) Acenaphthylene	9.59	152	948745	40.844	nq	99
49) Dimethylphthalate	9.46	163	701924	40.203	nq	100
50) 2,6-Dinitrotoluene	9.52	165	153782	40.633	nq	98
51) Acenaphthene	9.76	154	540447	39.248	nq	98
52) 3-Nitroaniline	9.69	138	127570	30.070	nq	99
53) 2,4-Dinitrophenol	9.80	184	77009	63.067	nq	92
54) Dibenzofuran	9.93	168	801653	38.838	nq	99
55) 4-Nitrophenol	9.88	139	180755	77.838	nq	98
56) 2,4-Dinitrotoluene	9.93	165	188983	40.013	nq	97
57) Fluorene	10.27	166	634093	41.137	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	171799	37.943	nq	97
59) Diethylphthalate	10.16	149	686115	39.661	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	301751	37.107	nq	97
61) 4-Nitroaniline	10.31	138	146738	37.348	nq	97
62) Azobenzene	10.43	77	685555	39.025	nq	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	68658	31.200	nq	97
65) n-Nitrosodiphenylamine	10.39	169	583476	38.069	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	202458	38.972	nq	92
67) Hexachlorobenzene	10.82	284	211451	37.589	nq	# 90
68) Atrazine	10.92	200	178040	37.222	nq	98
69) Pentachlorophenol	11.02	266	177743	56.152	nq	99
70) Phenanthrene	11.23	178	924874	40.877	nq	99
71) Anthracene	11.28	178	955940	40.872	nq	99
72) Carbazole	11.44	167	850882	37.510	nq	100
73) Di-n-butylphthalate	11.77	149	1025753	38.987	nq	100
74) Fluoranthene	12.41	202	948844	40.143	nq	99
76) Benzidine	12.53	184	282677	27.118	nq	98
77) Pyrene	12.64	202	923406	44.914	nq	99
79) Butylbenzylphthalate	13.26	149	389254	43.670	nq	99
80) Benzo(a)anthracene	13.82	228	644172	41.599	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	180936	29.018	nq	97
82) Chrysene	13.86	228	665582	40.920	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	464342	42.698	nq	99
84) Di-n-octyl phthalate	14.42	149	728072	42.356	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	632104	54.294	nq	100
87) Benzo(b)fluoranthene	14.83	252	541419	42.662	nq	99
88) Benzo(k)fluoranthene	14.86	252	560254	43.937	nq	99
89) Benzo(a)pyrene	15.17	252	526331	45.701	nq	100
90) Dibenzo(a,h)anthracene	16.59	278	524545	55.458	nq	98
91) Benzo(g,h,i)perylene	16.98	276	550919	58.329	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

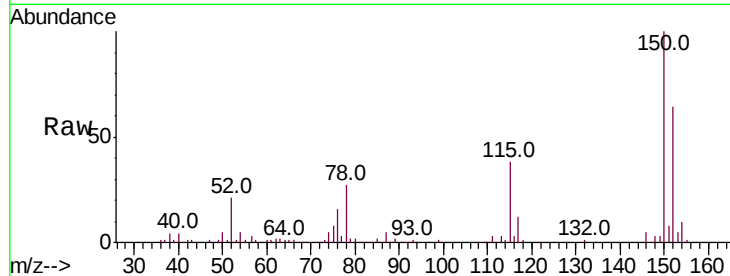
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	60.1	49.1	73.7

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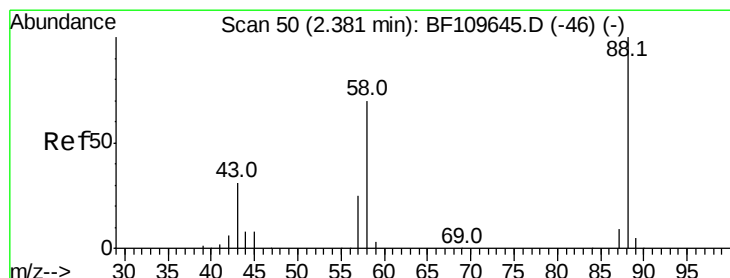
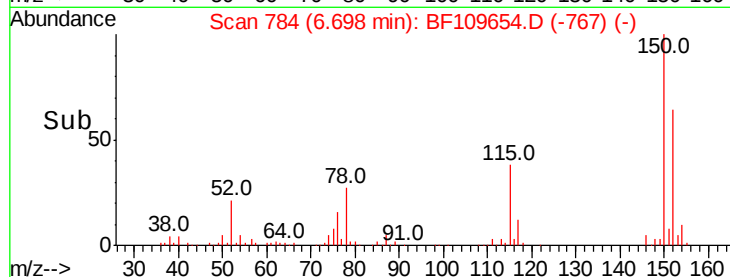
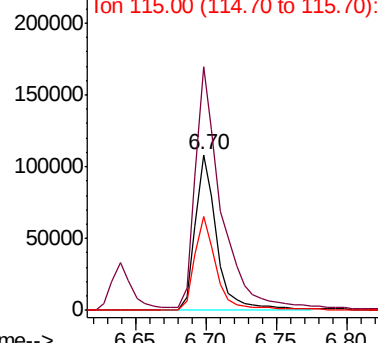


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

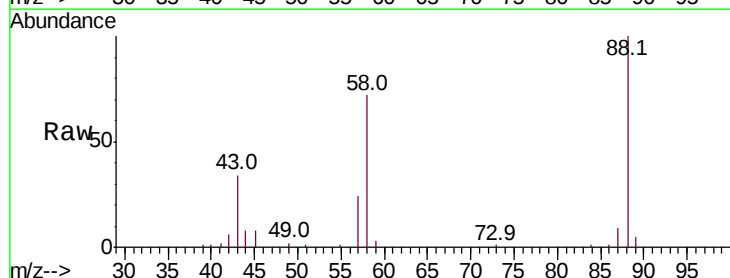
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.406 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	57.1	85.7
43	30.3	24.1	36.1

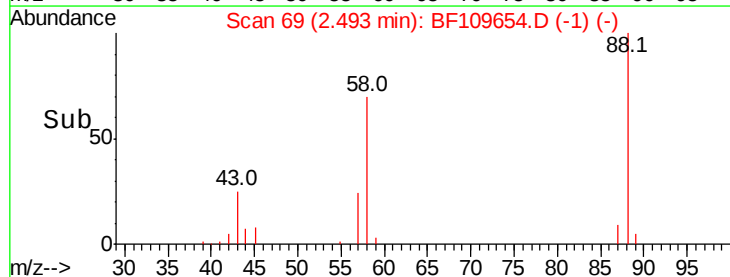
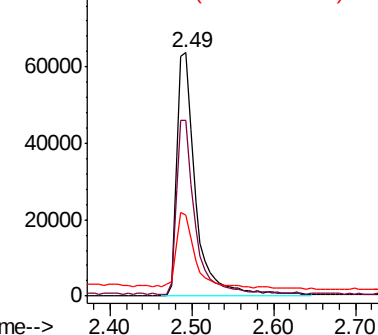


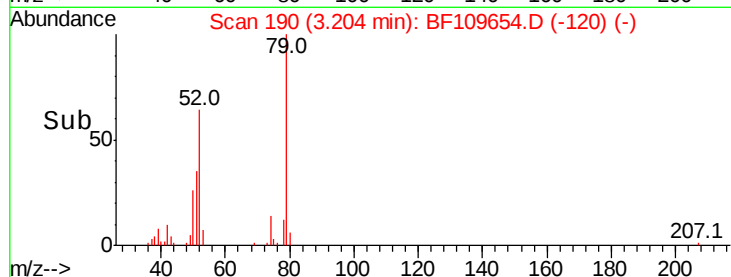
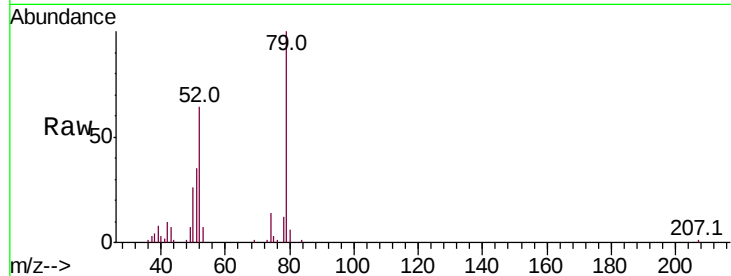
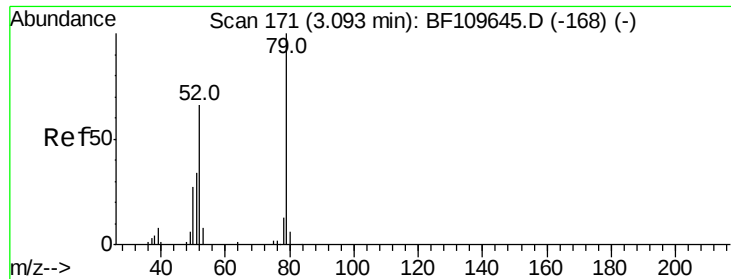
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





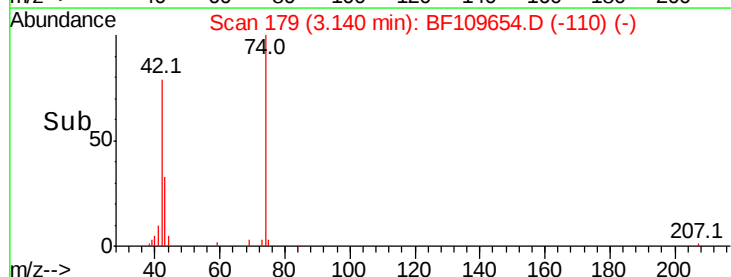
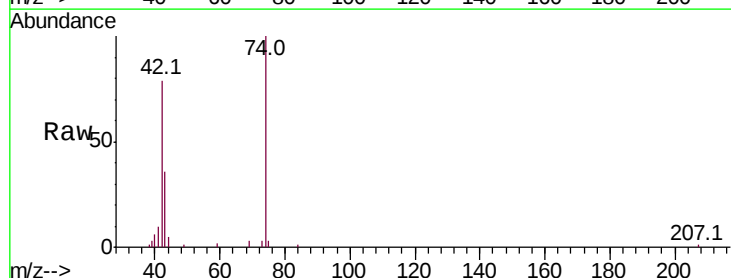
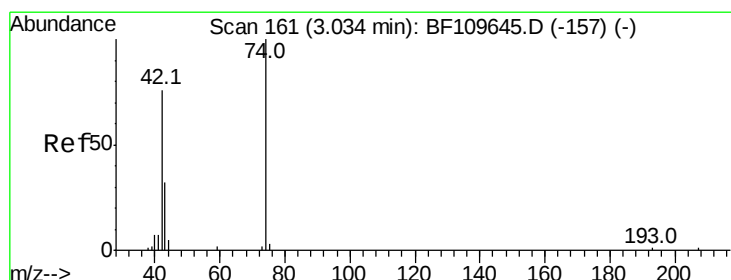
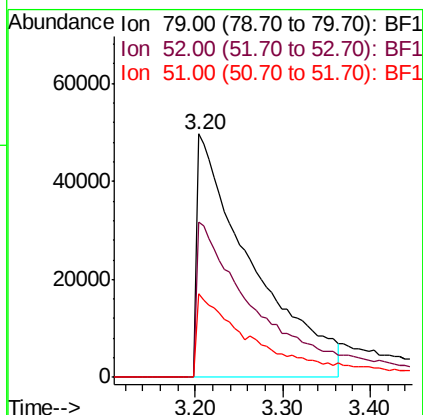
#3
Pvridine
Concen: 30.438 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.11 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	53.1	79.7
51	34.6	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
PB113588BS

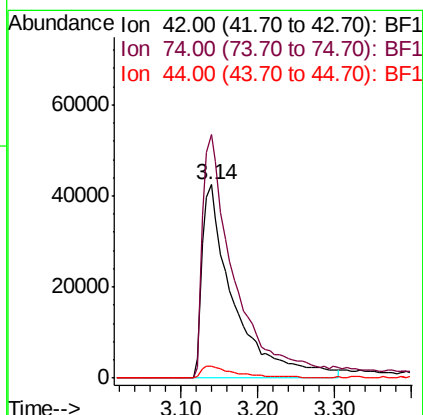
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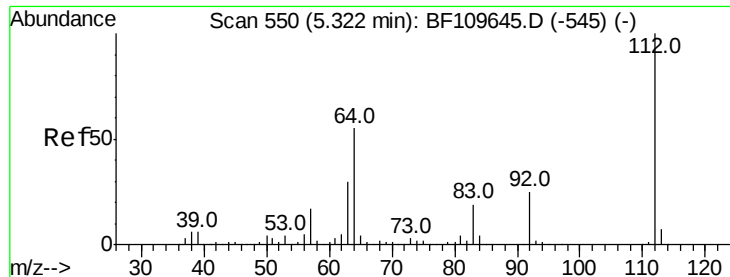
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#4
n-Nitrosodimethylamine
Concen: 47.916 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.11 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.0	105.5	158.3
44	6.3	4.9	7.3





#5

2-Fluorophenol

Concen: 116.613 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

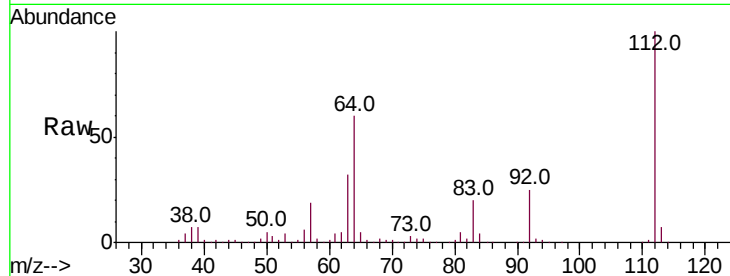
ClientSampleId :

PB113588BS

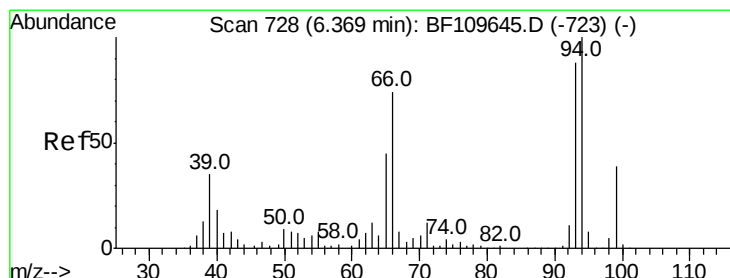
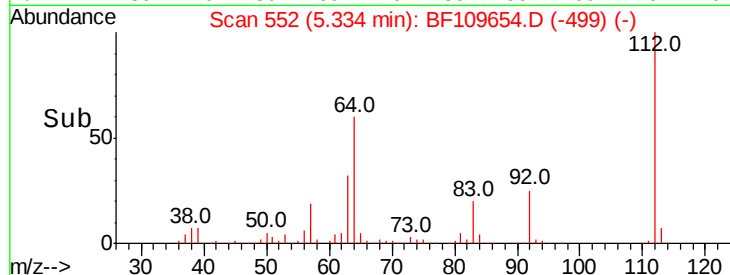
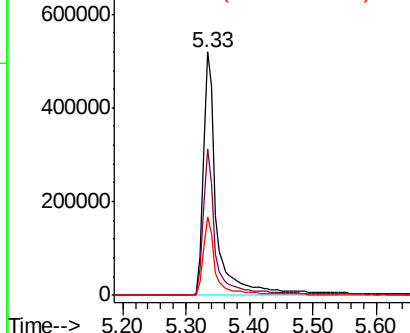
Tot Ion:	112	Resp:	759690
Ion Ratio	Lower	Upper	
112	100		
64	60.1	44.1	66.1
63	32.4	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.826 ng

RT: 6.37 min Scan# 728

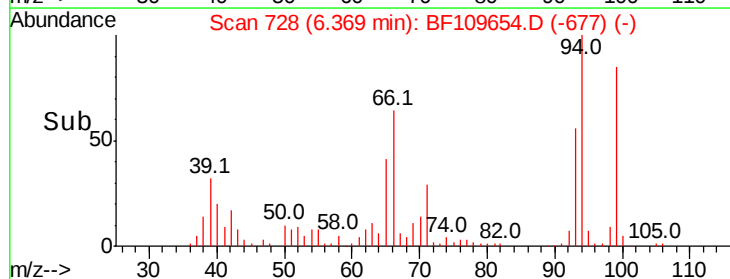
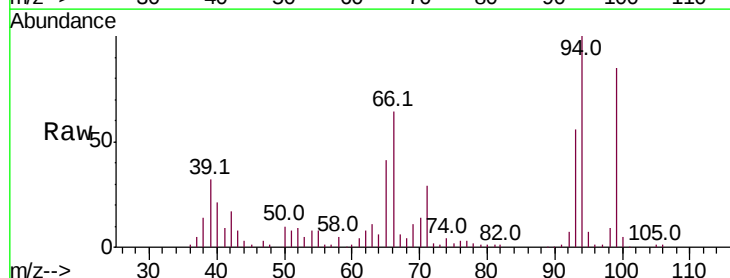
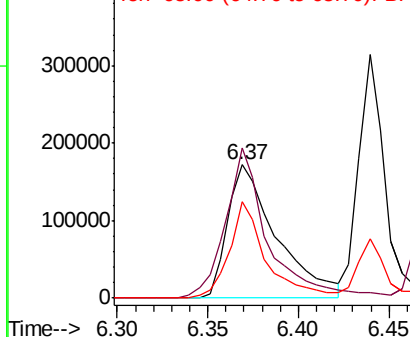
Delta R.T. -0.00 min

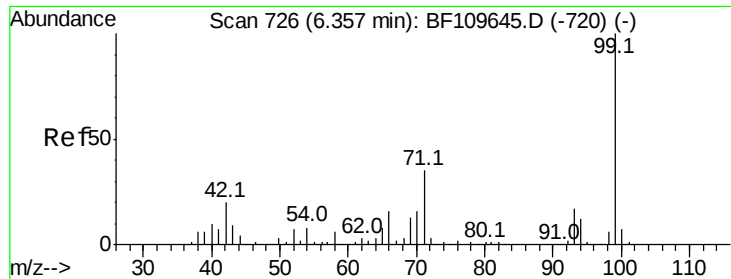
Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Tgt Ion:	93	Resp:	322650
Ion Ratio	Lower	Upper	
93	100		
66	113.2	67.4	101.0#
65	72.8	41.0	61.4#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.974 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

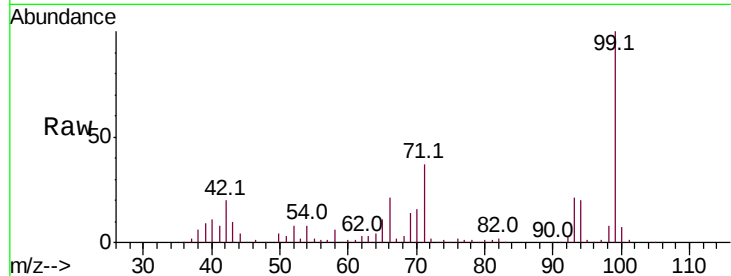
ClientSampleId :

PB113588BS

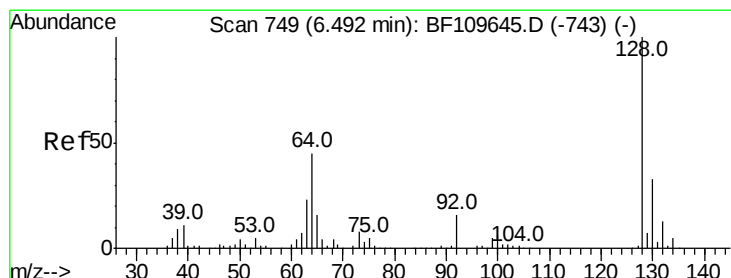
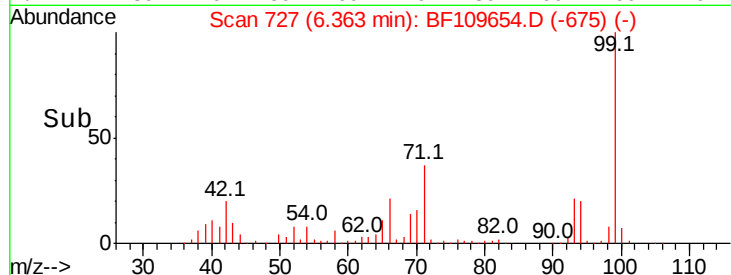
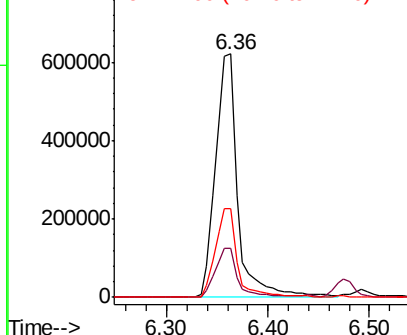
Tot Ion:	99	Resp:	948386
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	36.5	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.045 ng

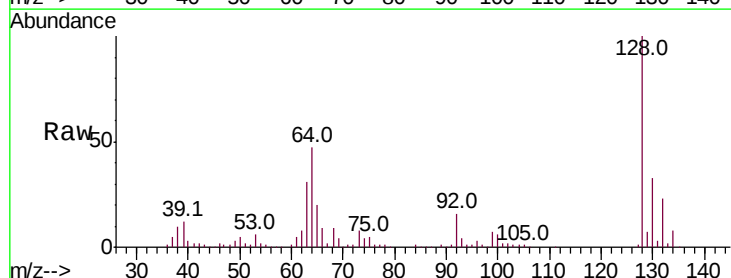
RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

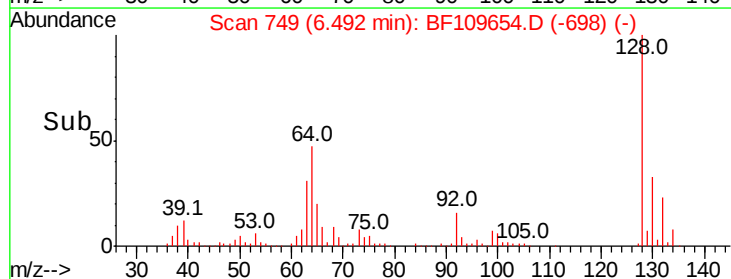
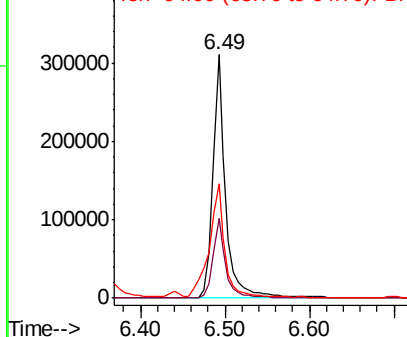
Lab File: BF109654.D

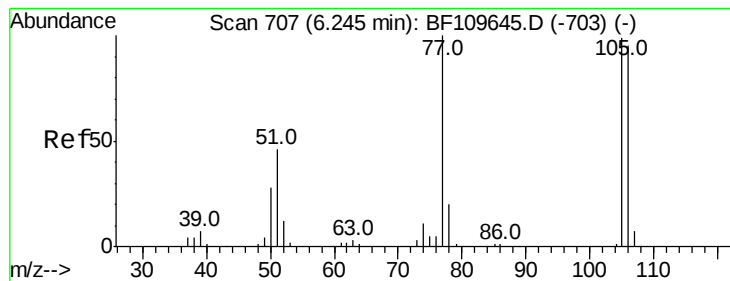
Acq: 8 Oct 2018 18:13

Tgt Ion:	128	Resp:	336868
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	47.1	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.910 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

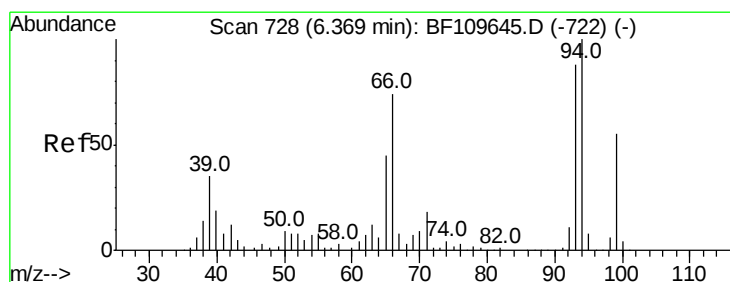
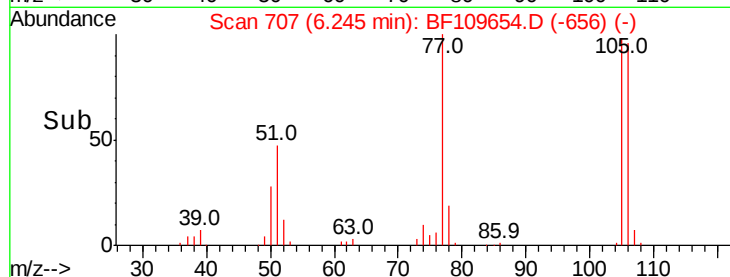
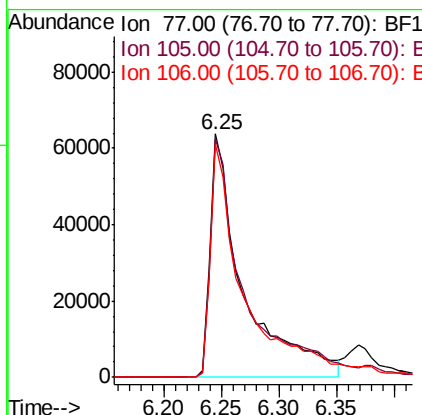
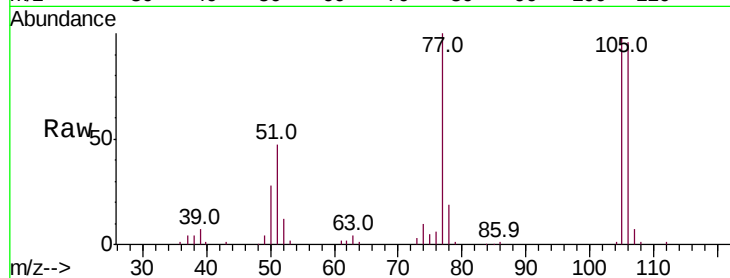
ClientSampleId :

PB113588BS

Tot Ion:	77	Resp:	128303
Ion Ratio	Lower	Upper	
77	100		
105	97.8	78.6	118.6
106	96.0	74.8	114.8

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#10

Phenol

Concen: 39.314 ng

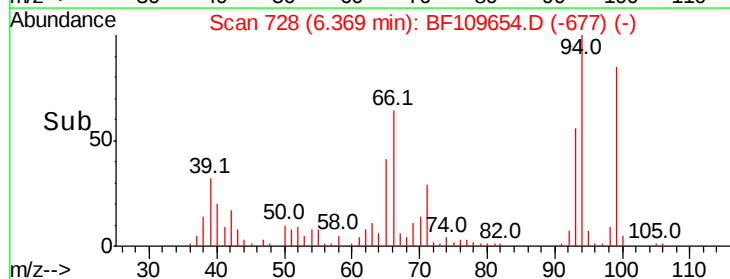
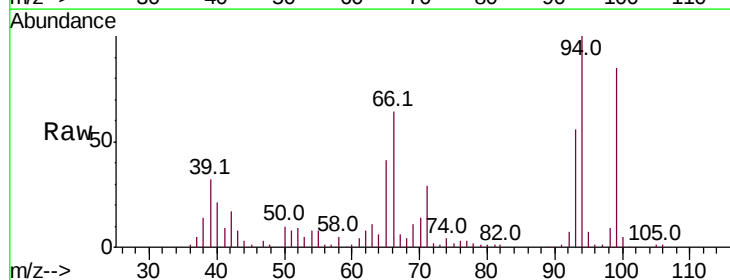
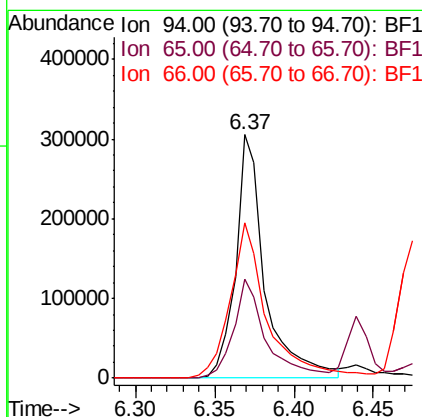
RT: 6.37 min Scan# 728

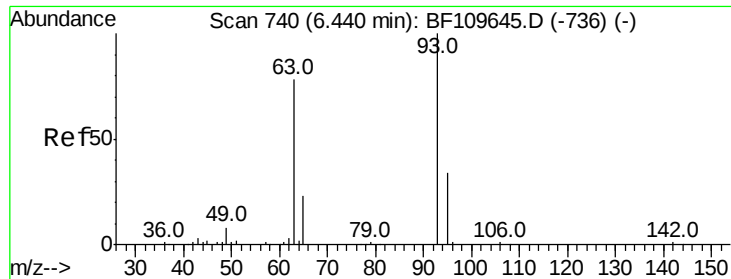
Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Tgt Ion:	94	Resp:	392328
Ion Ratio	Lower	Upper	
94	100		
65	40.9	25.3	65.3
66	63.6	54.5	94.5





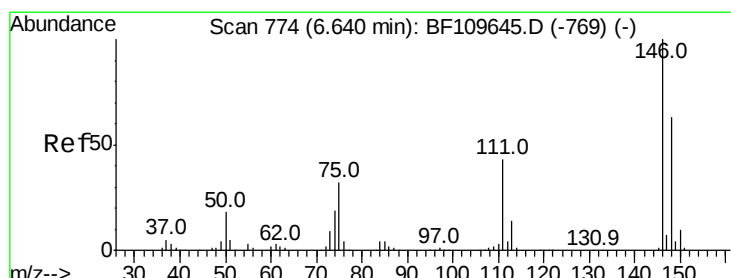
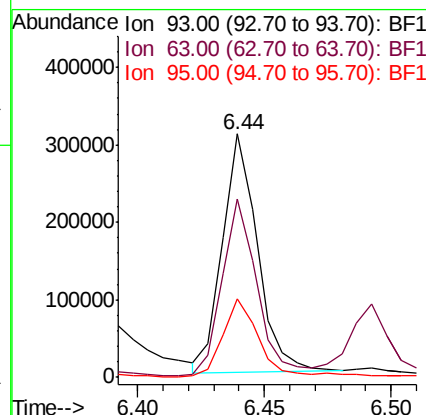
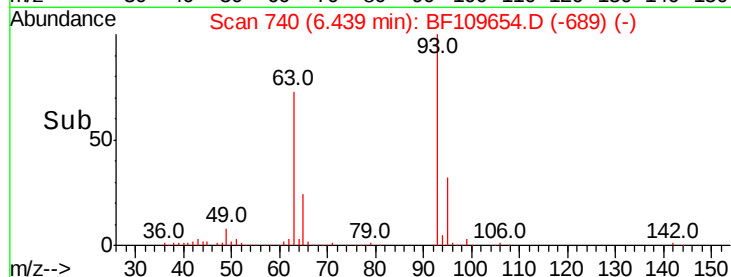
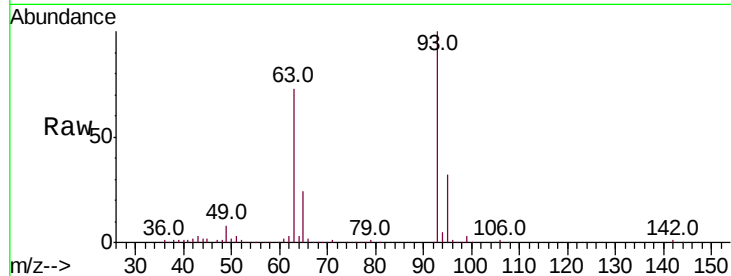
#11
bis(2-Chloroethyl)ether
Concen: 35.639 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	294858		
63	73.2		53.4	93.4
95	32.5		12.1	52.1

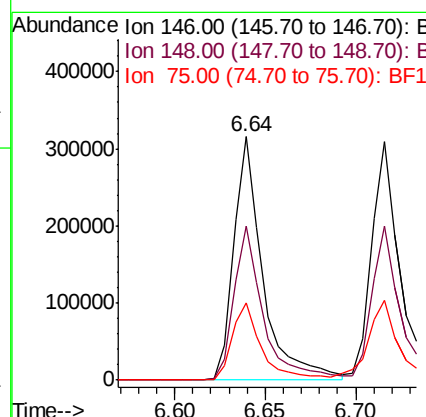
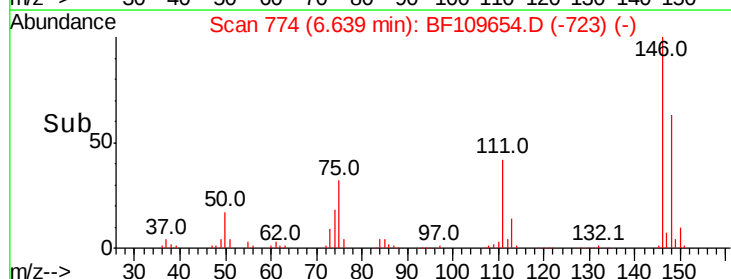
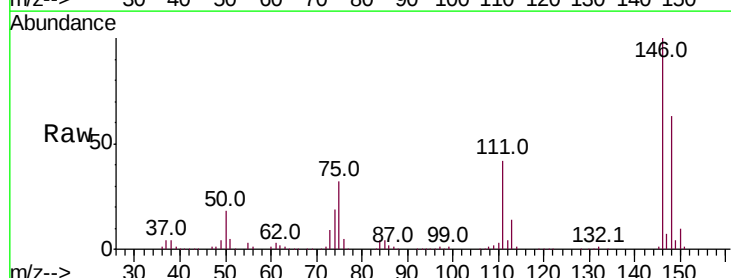
Manual Integrations
APPROVED

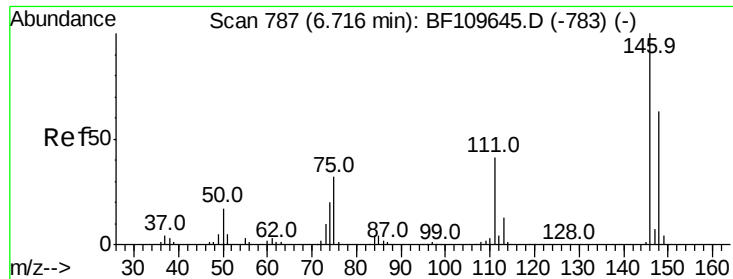
Sohil
10/9/2018 2:57:27 PM



#12
1,3-Dichlorobenzene
Concen: 38.645 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	354138		
148	63.5		50.4	75.6
75	31.7		25.8	38.6





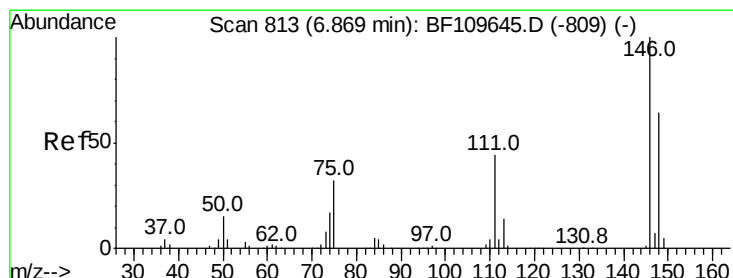
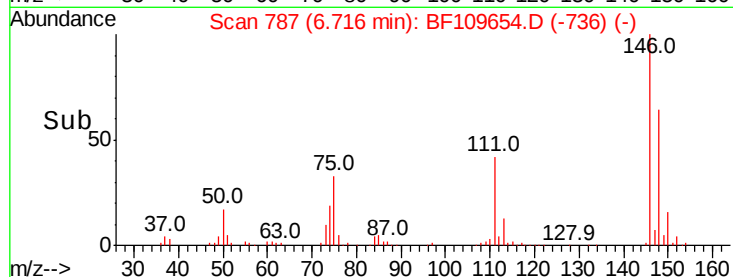
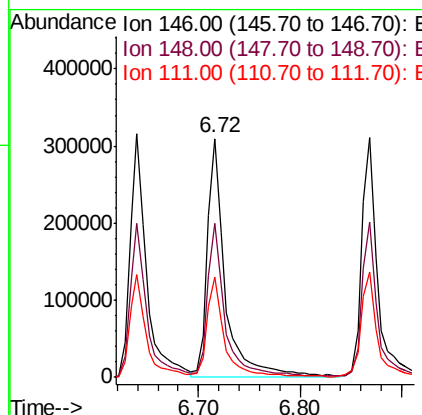
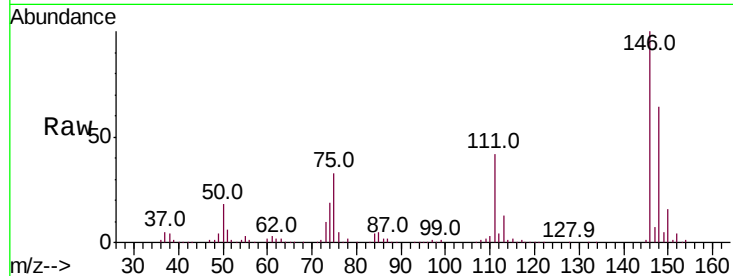
#13
 1,4-Dichlorobenzene
 Concen: 37.855 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
111	42.0	32.7	49.1

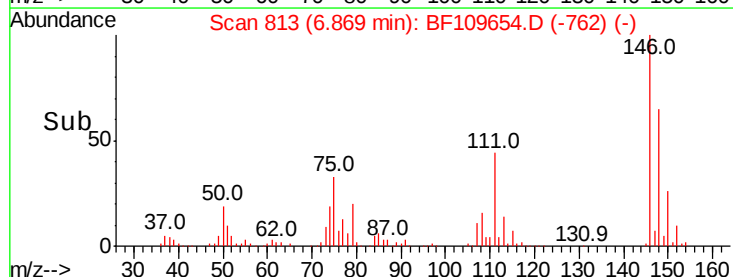
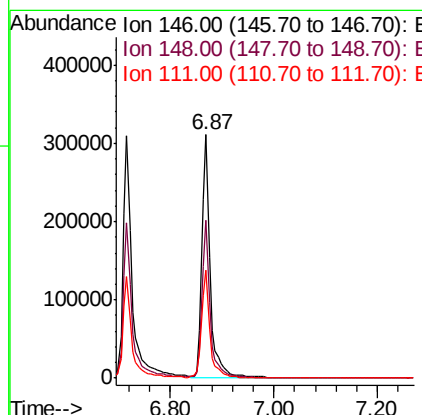
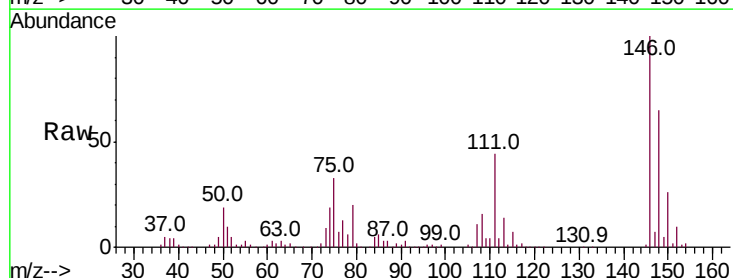
Manual Integrations
 APPROVED

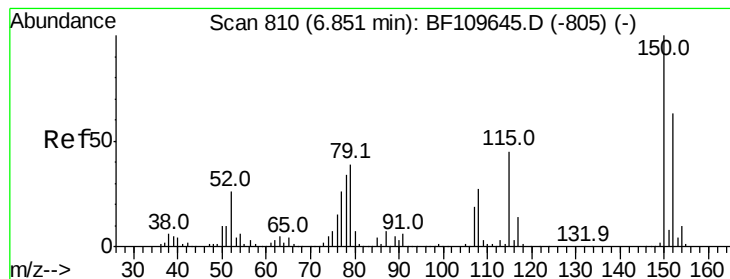
Sohil
 10/9/2018 2:57:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.302 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	44.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.528 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

ClientSampled :

PB113588BS

Tot Ion: 79 Resp: 274382

Ion Ratio Lower Upper

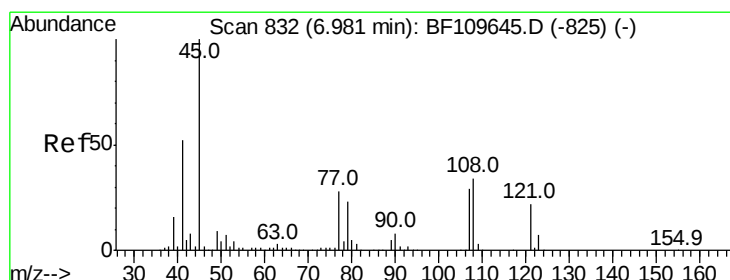
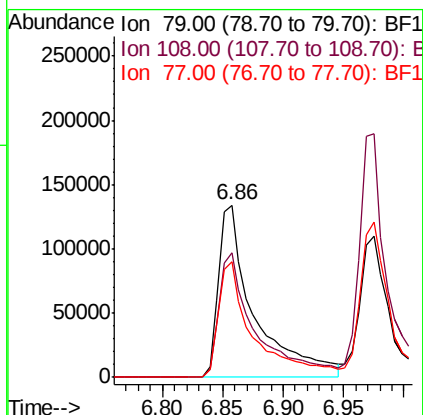
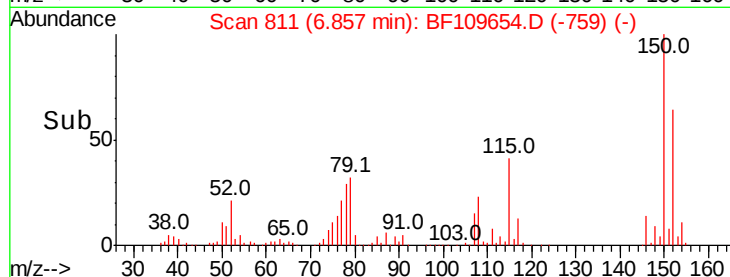
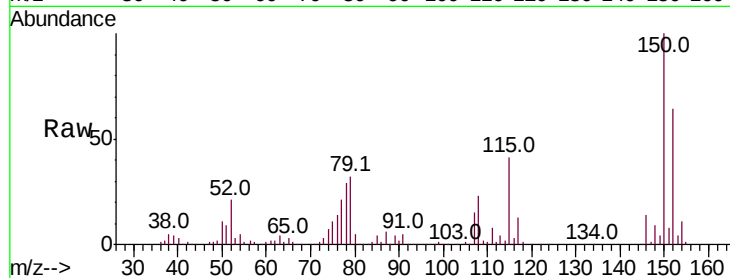
79 100

108 72.1 56.3 84.5

77 66.9 52.9 79.3

Manual Integrations
APPROVED

Sohil
10/9/2018 2:57:27 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.240 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

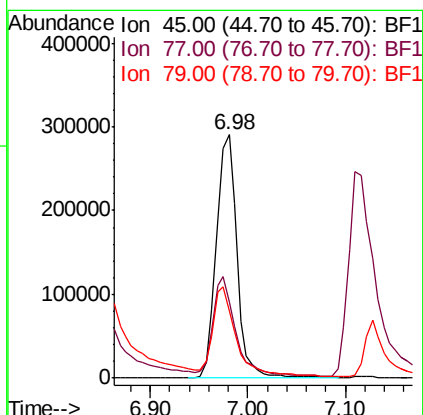
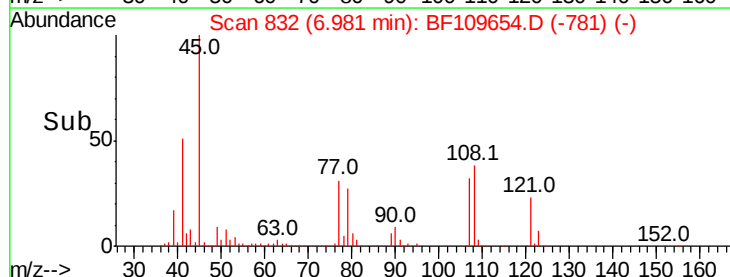
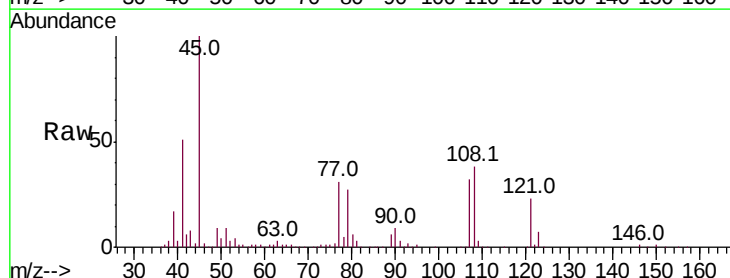
Tgt Ion: 45 Resp: 430480

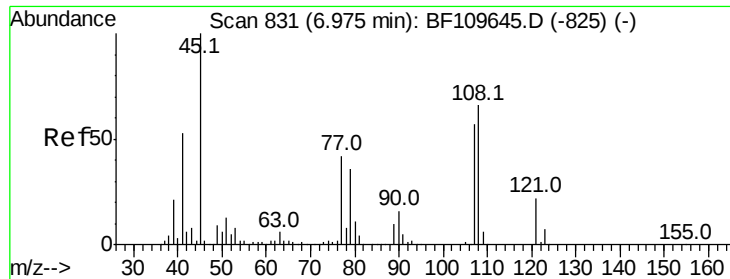
Ion Ratio Lower Upper

45 100

77 31.3 10.0 50.0

79 27.4 6.1 46.1





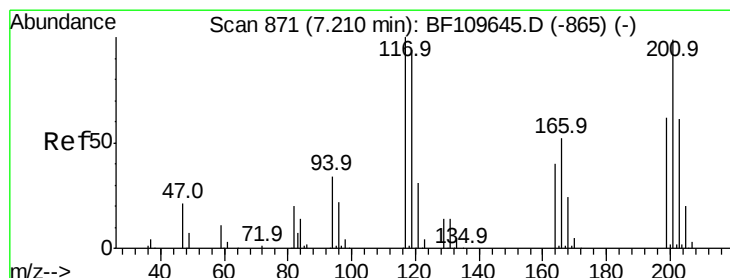
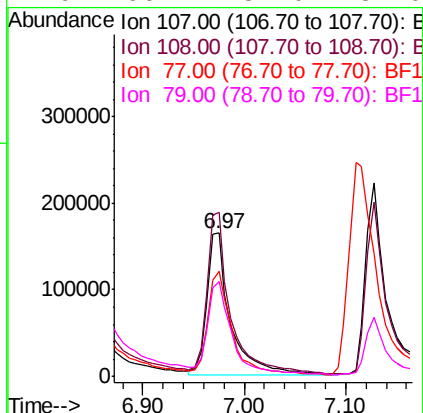
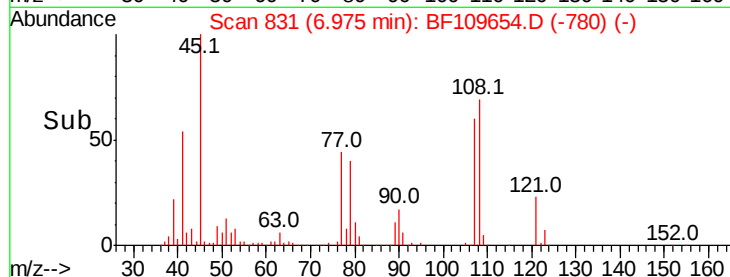
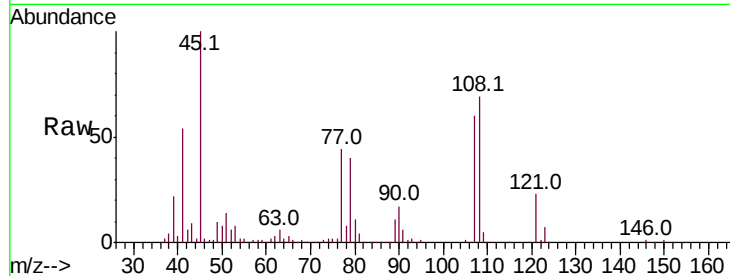
#17
2-Methylphenol
Concen: 42.318 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion:	107	Resp:	268126
Ion Ratio	Lower	Upper	
107	100		
108	114.3	92.6	138.8
77	73.2	59.4	89.2
79	66.1	54.0	81.0

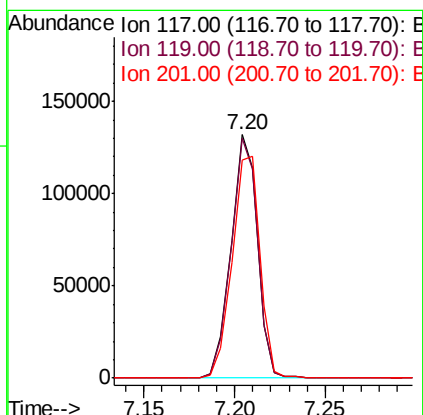
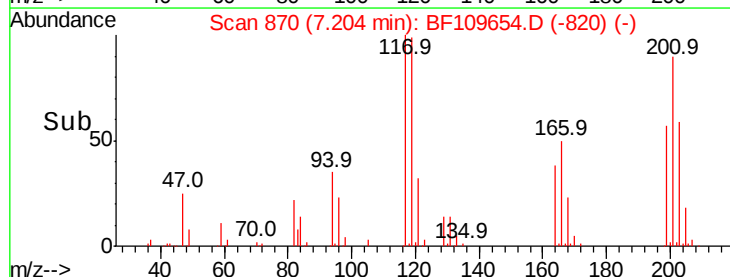
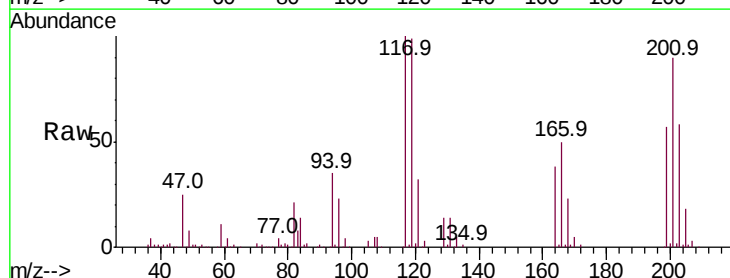
Manual Integrations
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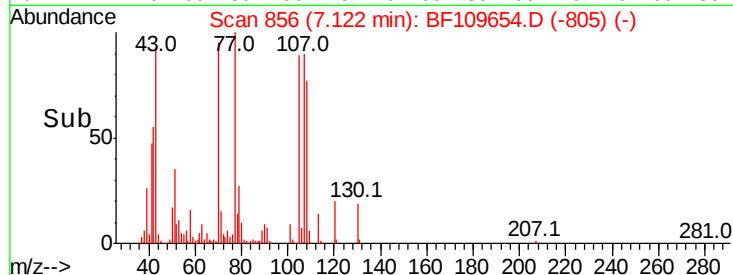
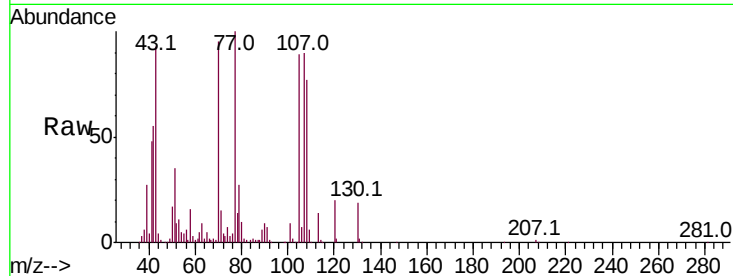
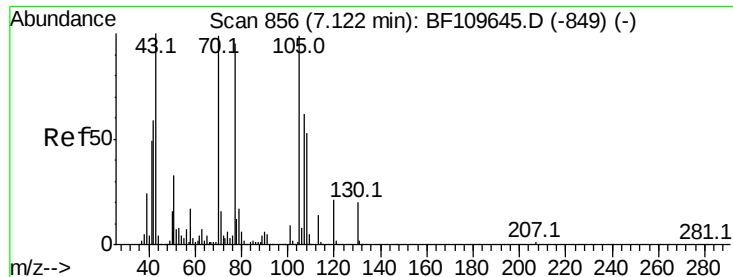
Sohil
10/9/2018 2:57:27 PM



#18
Hexachloroethane
Concen: 37.859 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion:	117	Resp:	133673
Ion Ratio	Lower	Upper	
117	100		
119	98.6	75.0	112.6
201	89.7	79.2	118.8





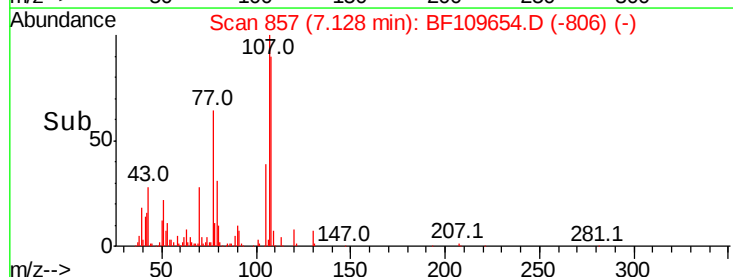
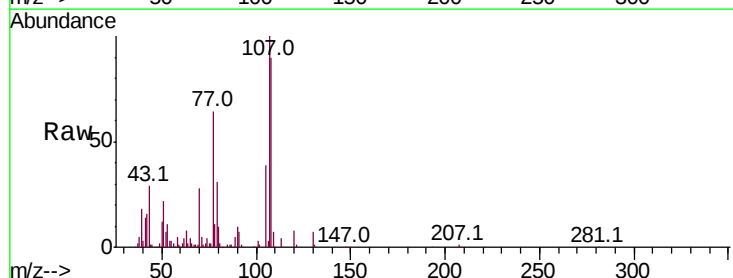
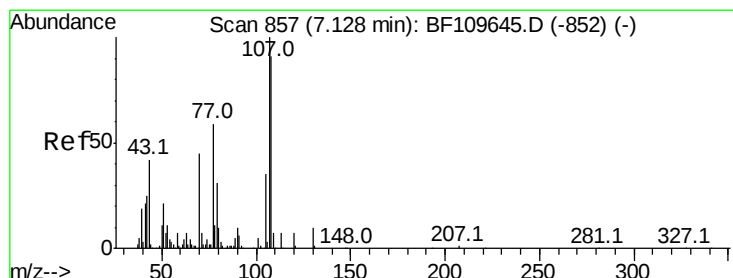
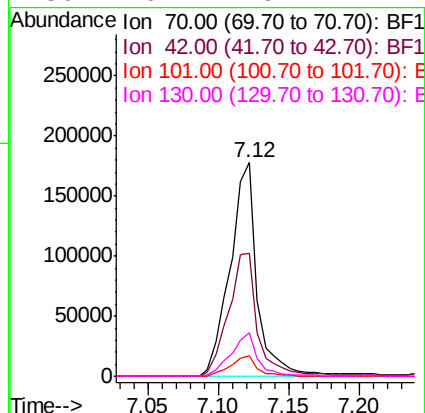
#19
n-Nitroso-di-n-propylamine
Concen: 39.127 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	47.4	71.2	
101	9.7	7.3	10.9	
130	20.4	16.2	24.2	

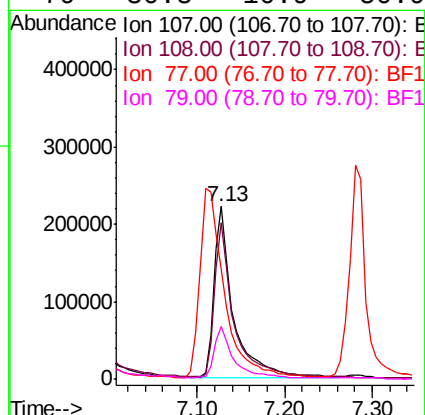
Manual Integrations
APPROVED

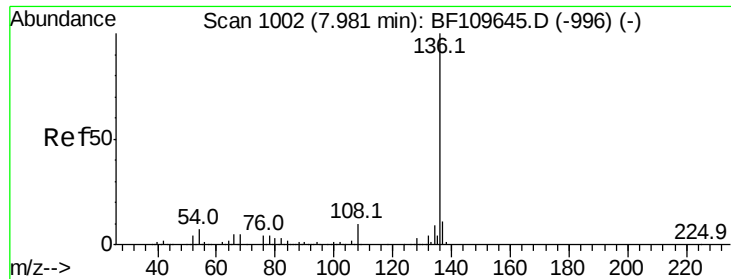
Sohil
10/9/2018 2:57:27 PM



#20
3+4-Methylphenols
Concen: 43.153 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	71.4	111.4	
77	64.0	47.3	87.3	
79	30.8	10.9	50.9	





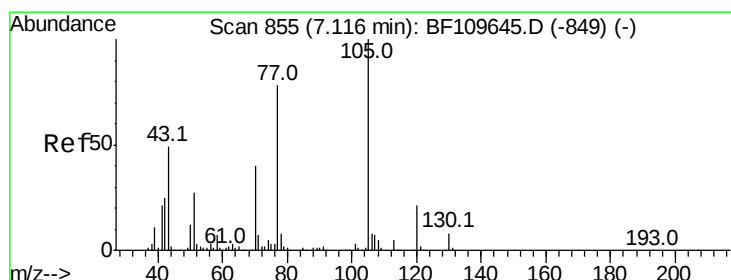
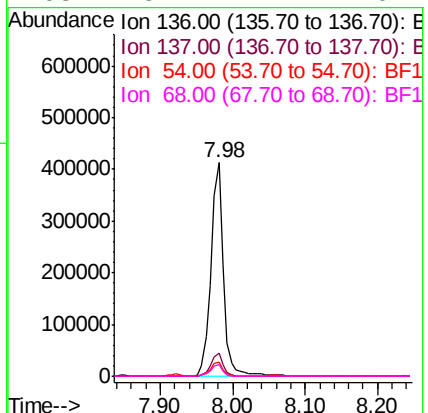
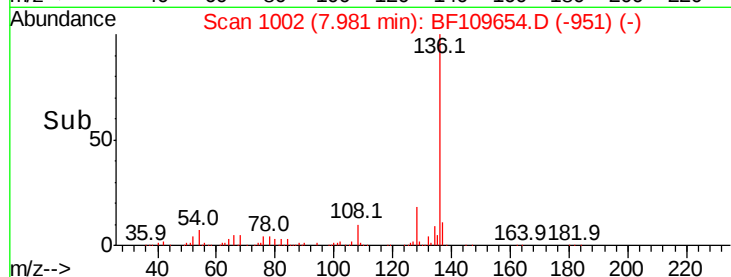
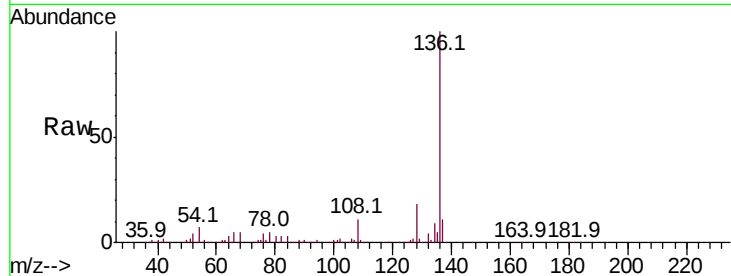
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496129		
137	10.9		8.8	13.2
54	6.7		5.4	8.2
68	5.2		4.2	6.2

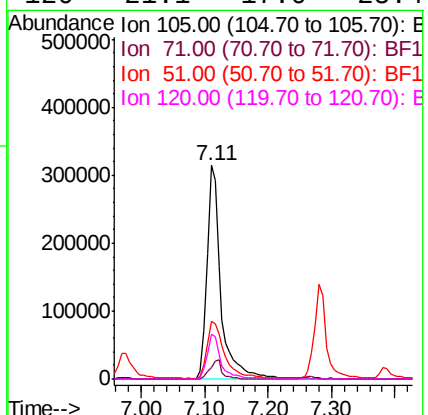
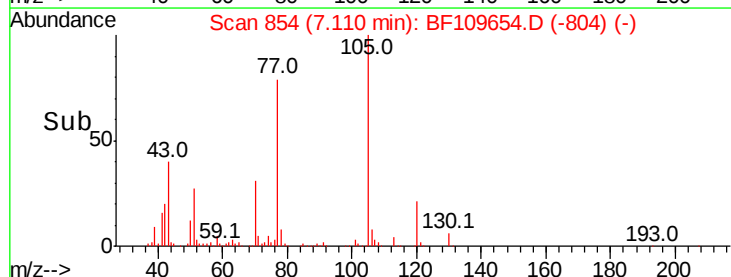
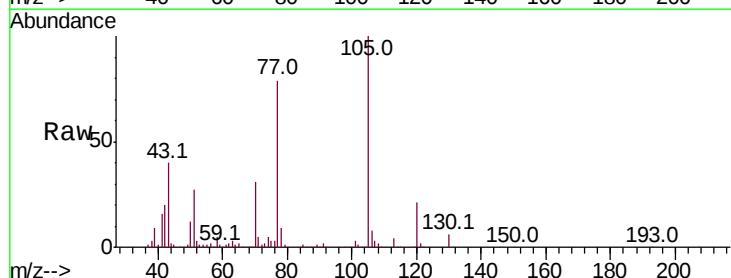
Manual Integrations
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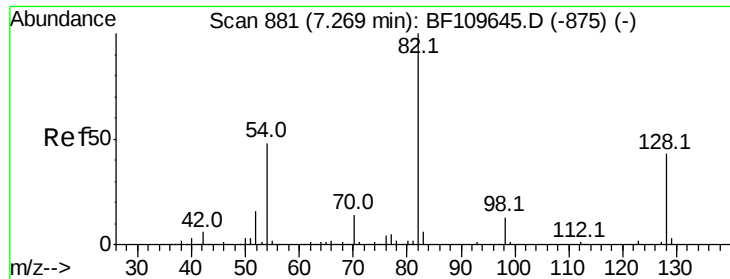
Sohil
10/9/2018 2:57:27 PM



#22
Acetophenone
Concen: 40.433 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	485083		
71	5.4		5.2	7.8
51	26.8		21.8	32.8
120	21.1		17.0	25.4





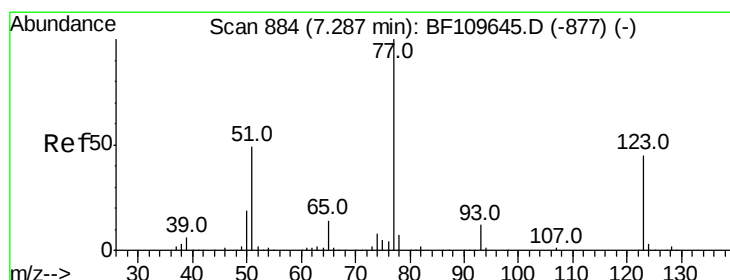
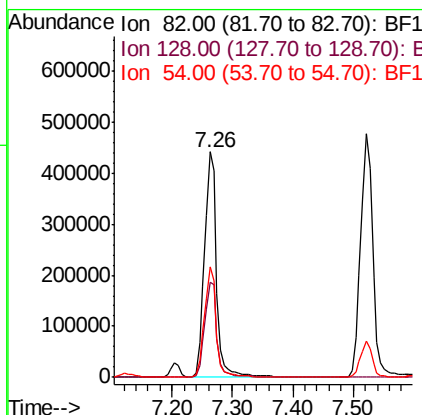
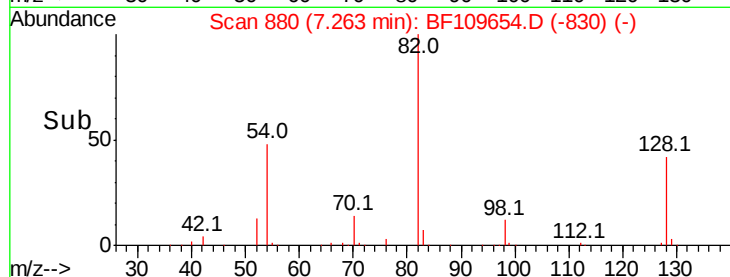
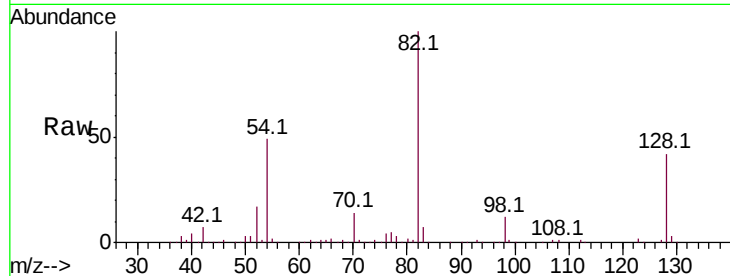
#23
Nitrobenzene-d5
Concen: 69.031 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.2	51.2
54	49.2	38.6	58.0

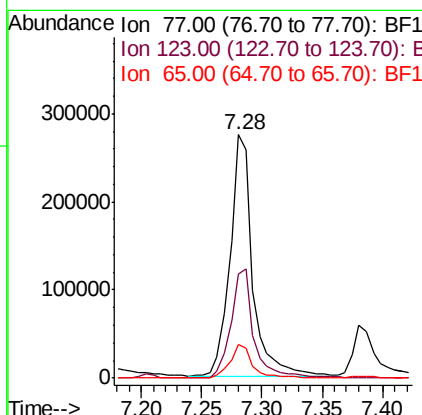
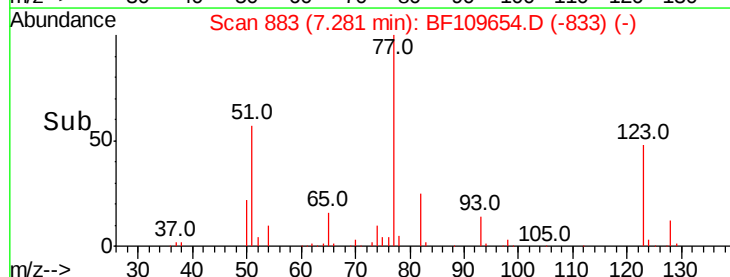
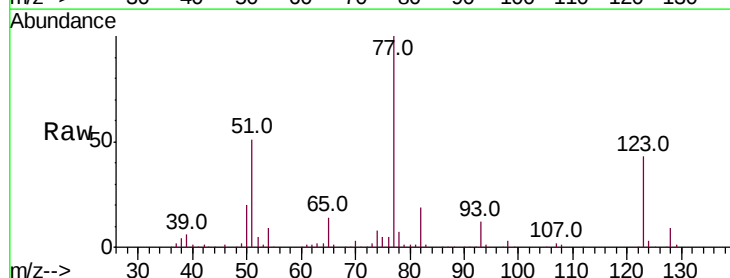
Manual Integrations
APPROVED

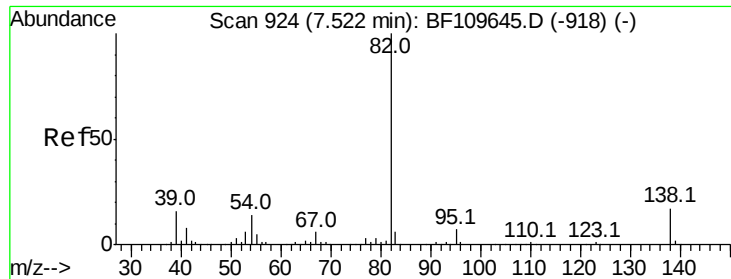
Sohil
10/9/2018 2:57:27 PM



#24
Nitrobenzene
Concen: 38.680 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	35.7	53.5
65	13.8	10.7	16.1





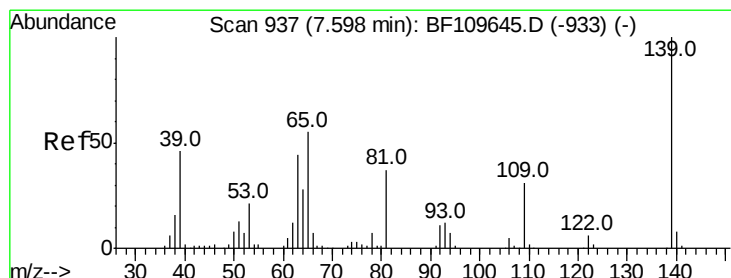
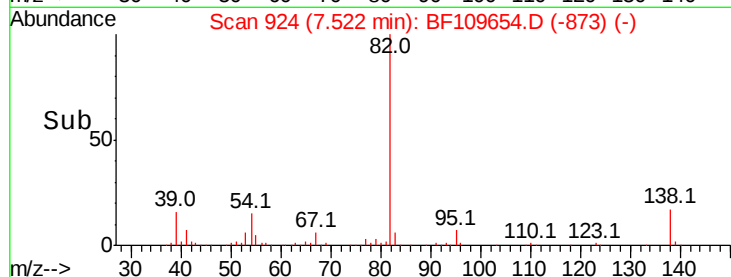
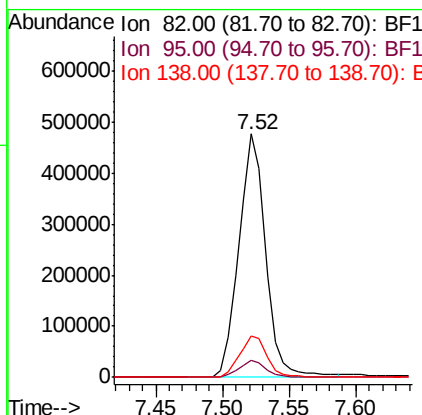
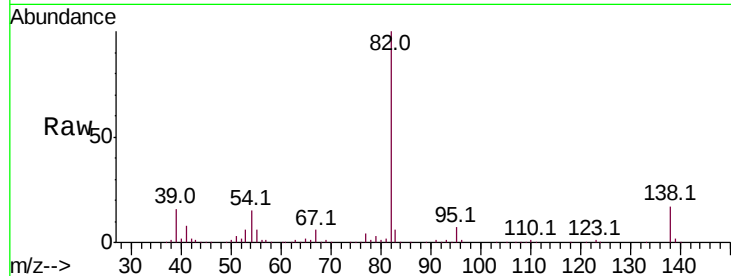
#25
Isophorone
Concen: 44.283 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	82	Resp	661833
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	16.9	13.2	19.8

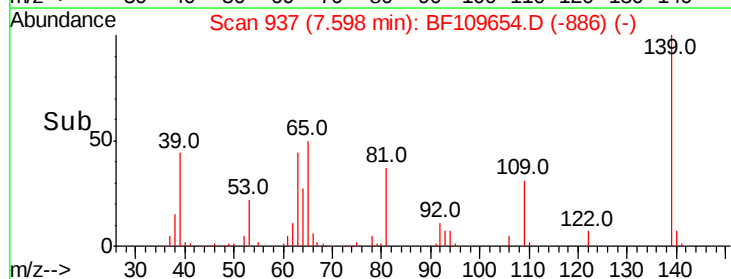
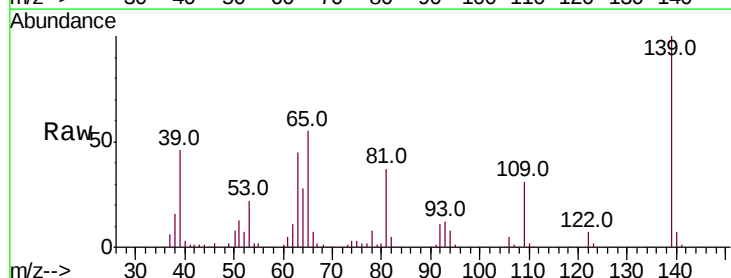
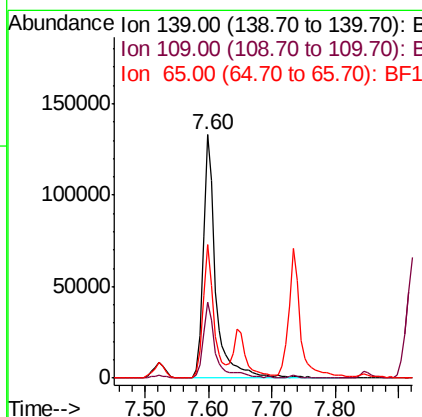
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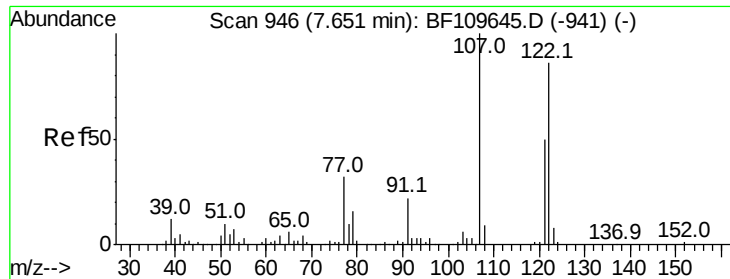
Sohil
10/9/2018 2:57:27 PM



#26
2-Nitrophenol
Concen: 41.084 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	139	Resp	179975
Ion Ratio	Lower	Upper	
139	100		
109	31.3	25.0	37.6
65	54.9	44.0	66.0





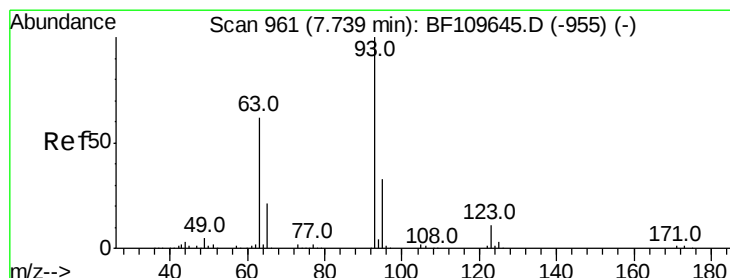
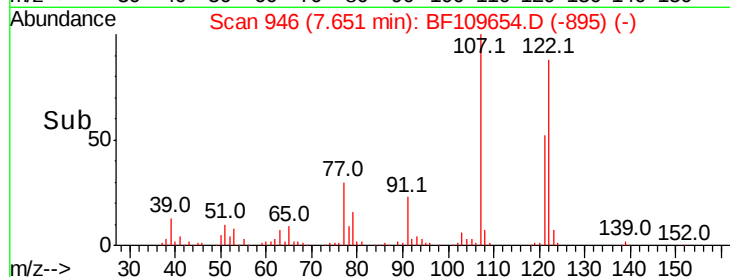
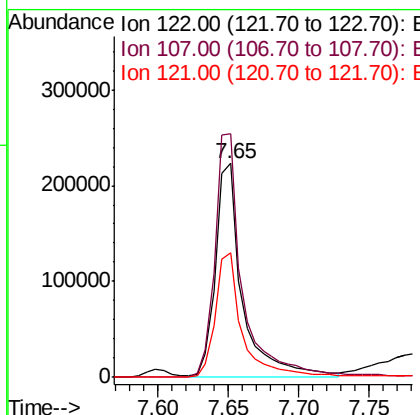
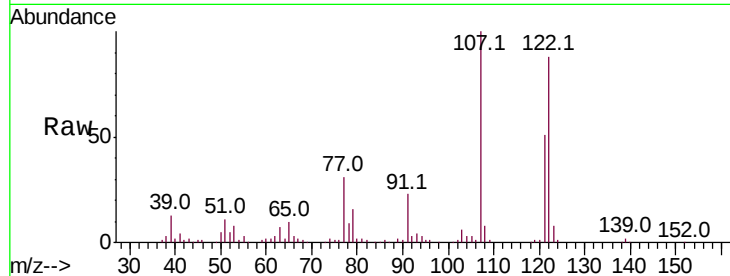
#27
2,4-Dimethylphenol
Concen: 46.839 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296297		
107	113.8	92.5	138.7	
121	58.5	45.8	68.8	

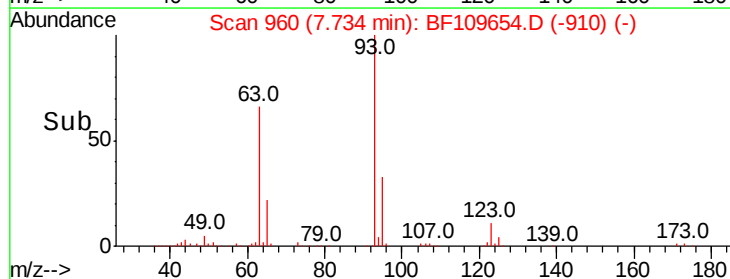
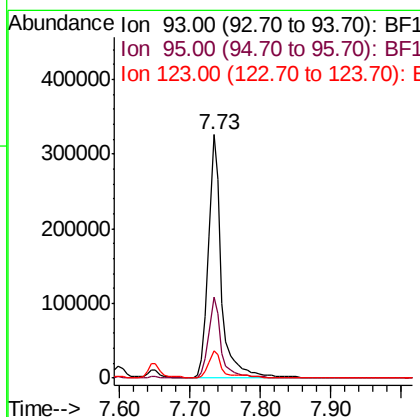
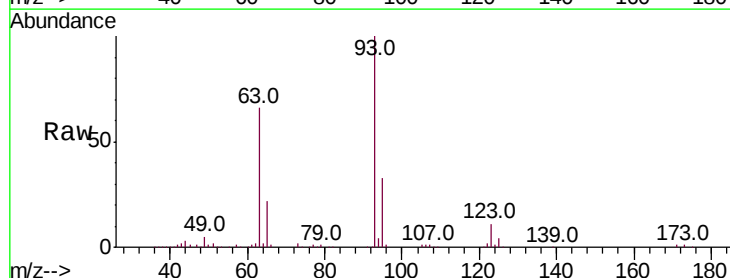
Manual Integrations
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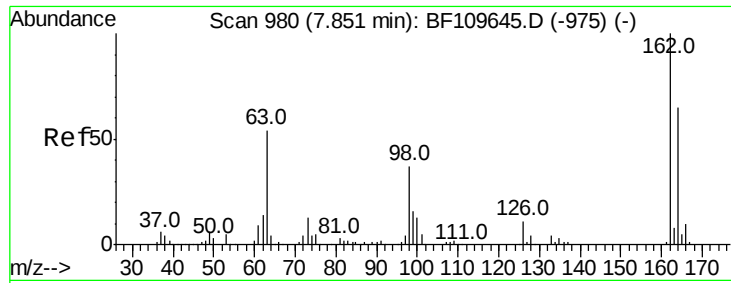
Sohil
10/9/2018 2:57:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.861 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	413080		
95	33.2	26.4	39.6	
123	11.0	9.0	13.6	





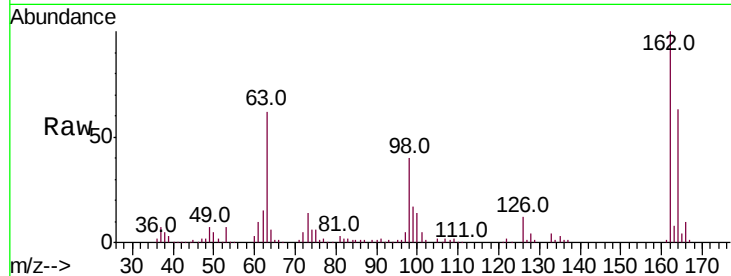
#29
2,4-Dichlorophenol
Concen: 41.391 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampled :
PB113588BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	44.6	84.6
98	40.2	17.4	57.4

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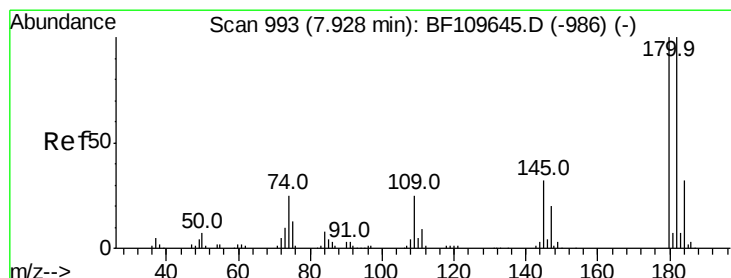
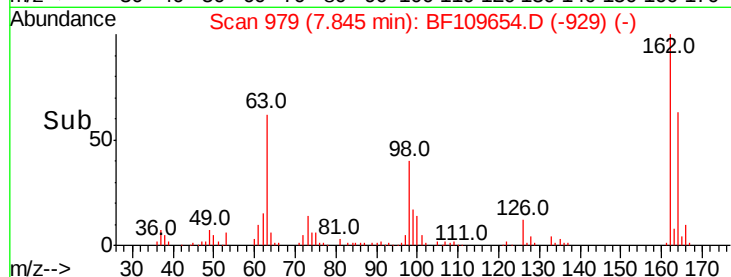
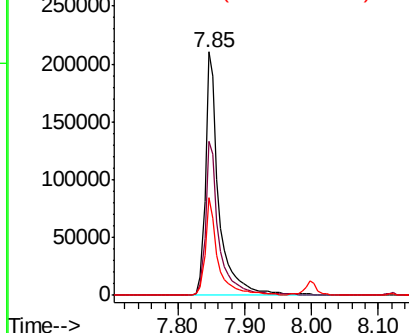


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.303 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

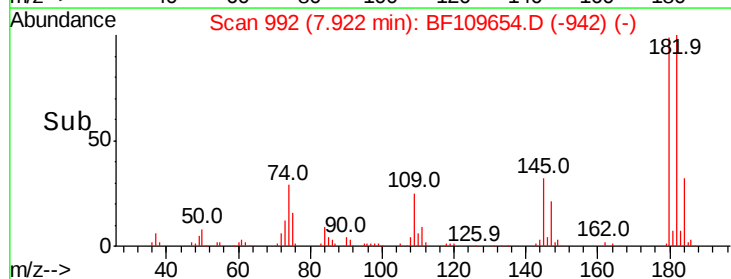
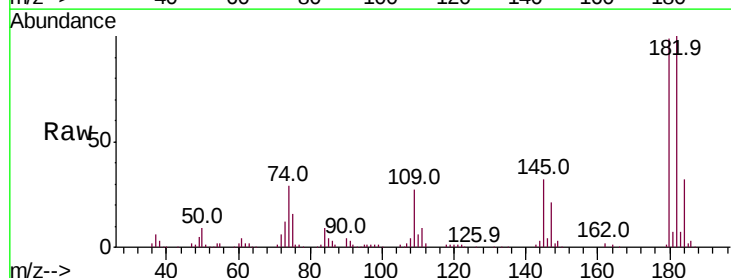
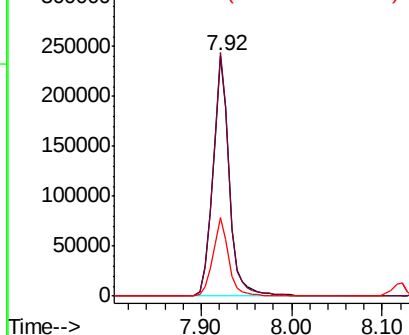
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.5	80.3	120.5
145	32.9	25.4	38.0

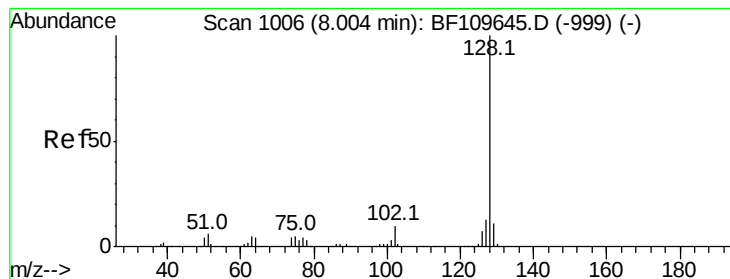
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.815 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

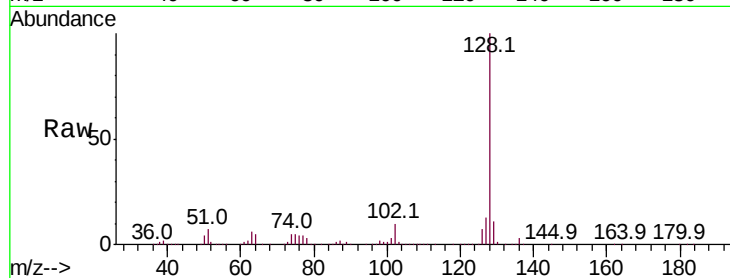
ClientSampled :

PB113588BS

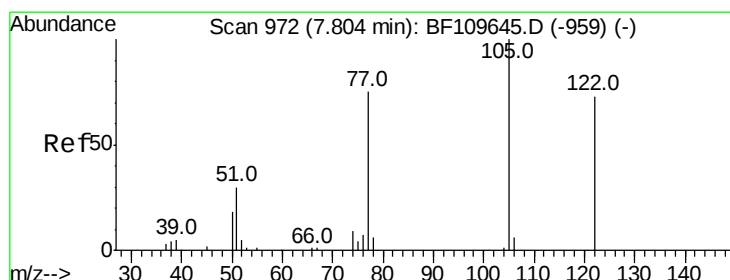
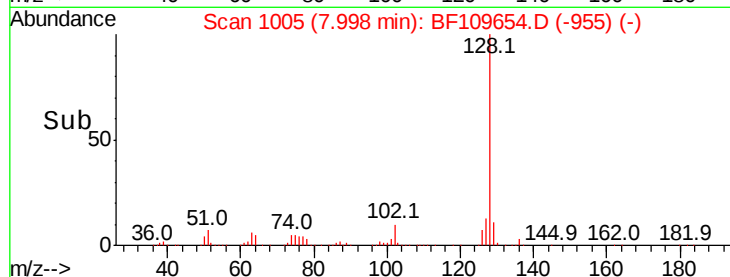
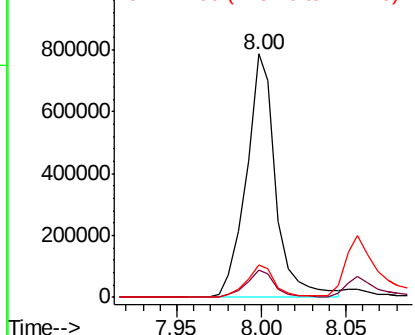
Tot Ion:	128	Resp:	959422
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.2	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.339 ng

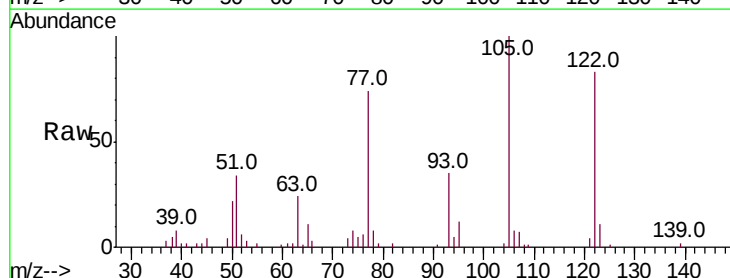
RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

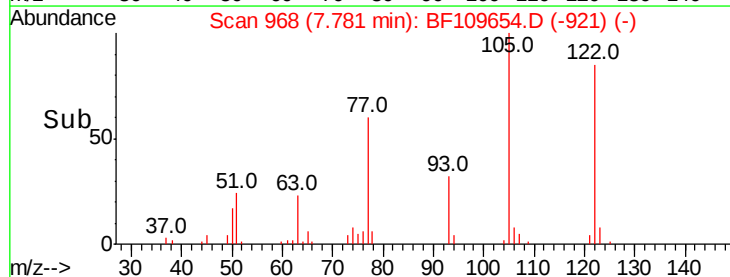
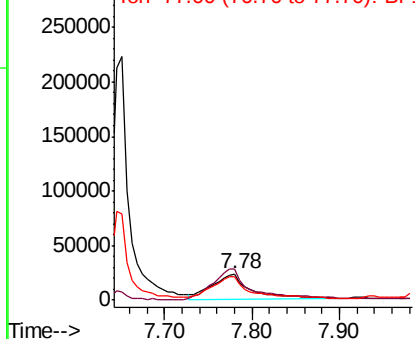
Lab File: BF109654.D

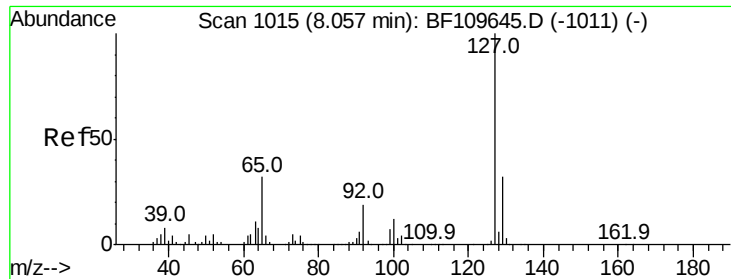
Acq: 8 Oct 2018 18:13

Tgt Ion:	122	Resp:	69376
Ion Ratio	Lower	Upper	
122	100		
105	119.9	109.0	149.0
77	88.5	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





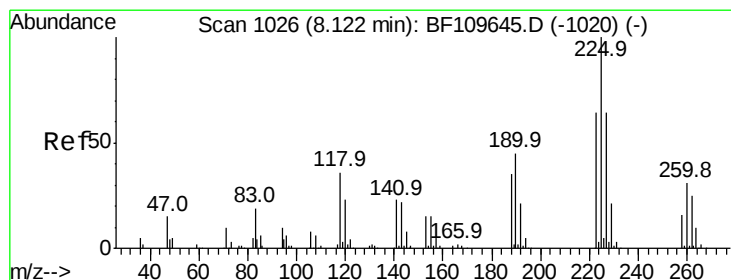
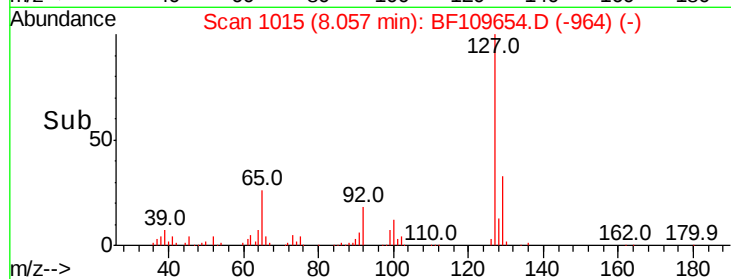
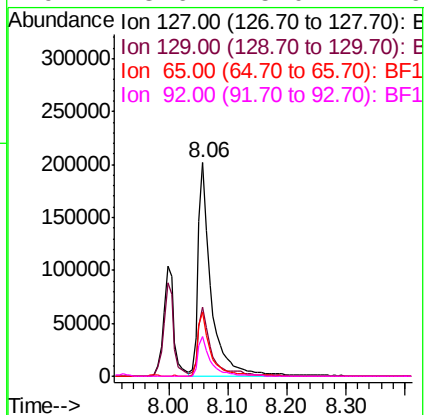
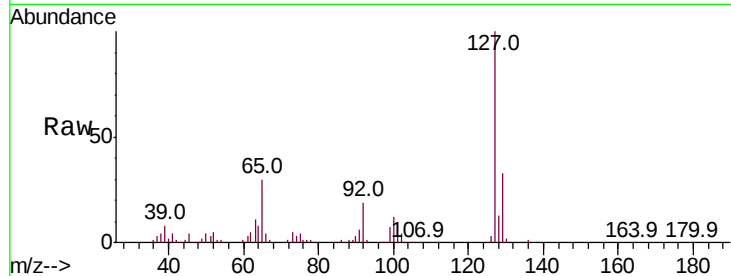
#33
4-Chloroaniline
Concen: 30.102 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.0	39.0		
65	30.0	25.1	37.7		
92	18.6	15.0	22.6		

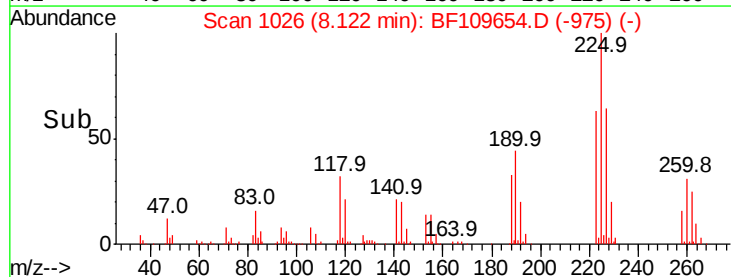
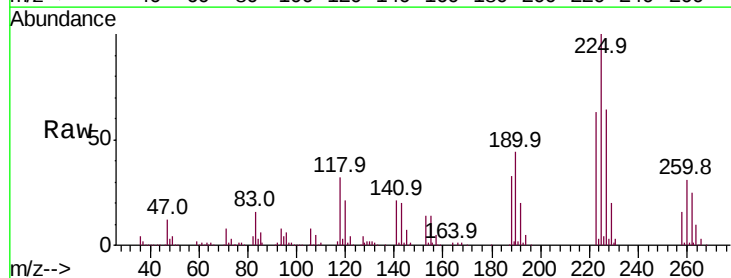
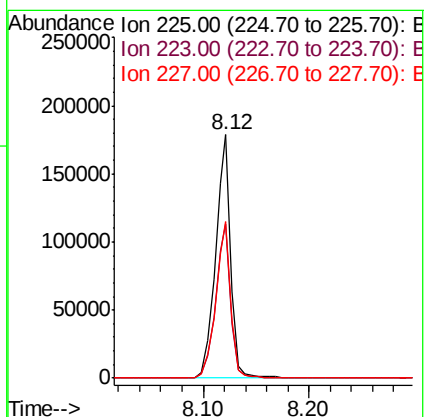
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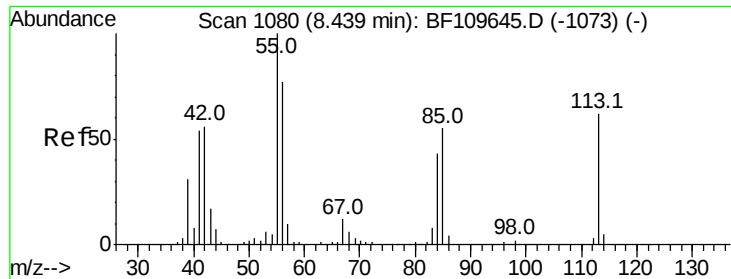
Sohil
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#34
Hexachlorobutadiene
Concen: 37.040 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.4	77.2		
227	64.5	51.0	76.6		





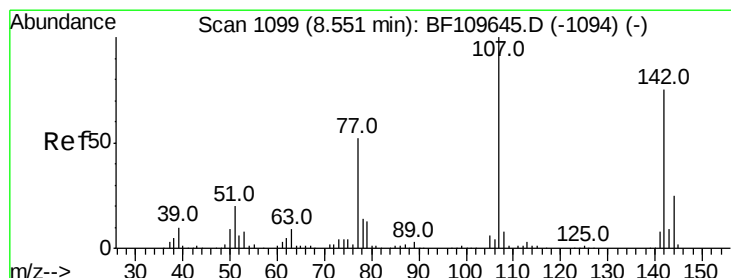
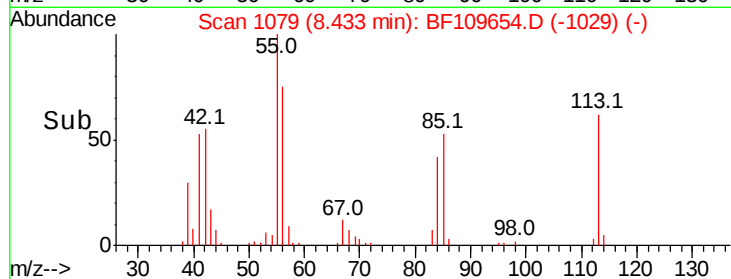
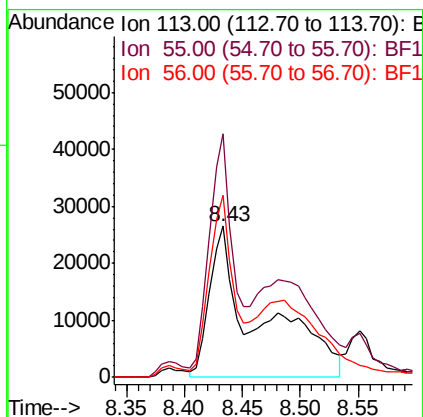
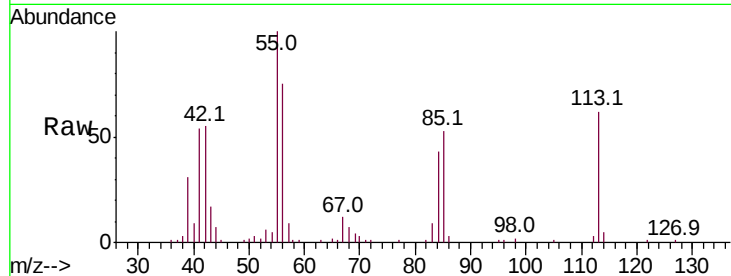
#35
Caprolactam
Concen: 37.234 ng/ml
RT: 8.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.1	142.8	182.8
56	120.5	105.0	145.0

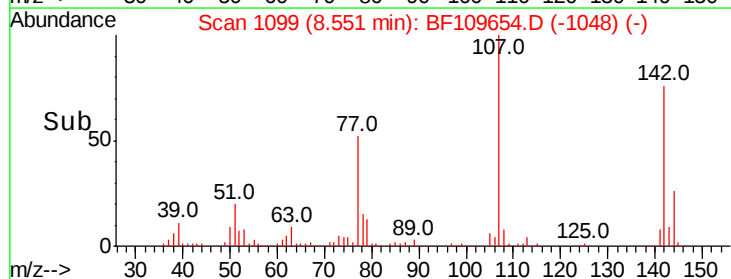
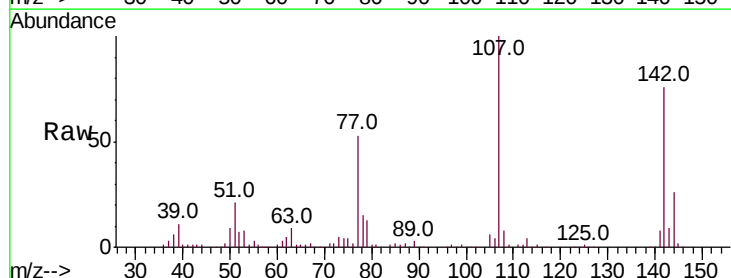
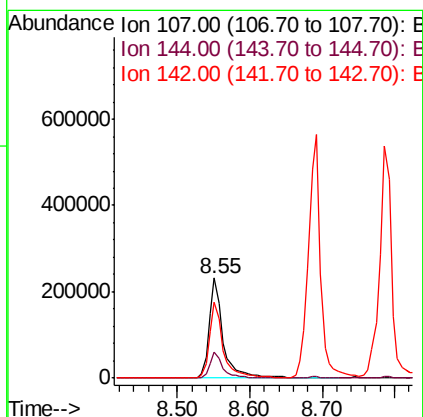
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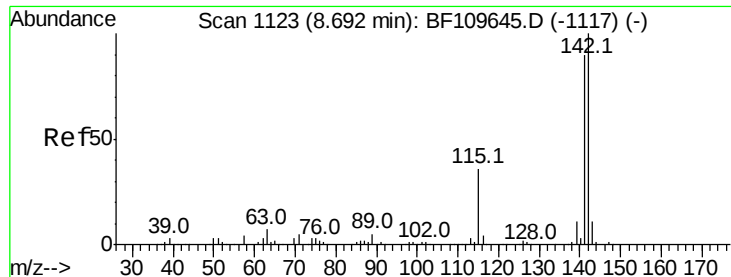
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 41.380 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	75.7	59.7	89.5





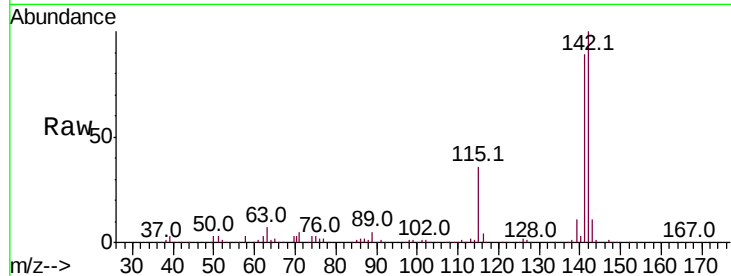
#37
 2-Methylnaphthalene
 Concen: 43.704 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	656852		
141	89.5	71.4	107.2	
115	36.3	28.7	43.1	

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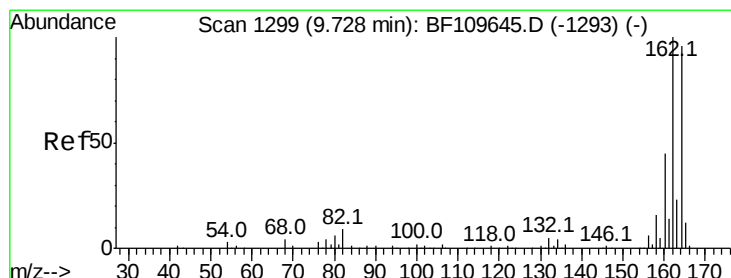
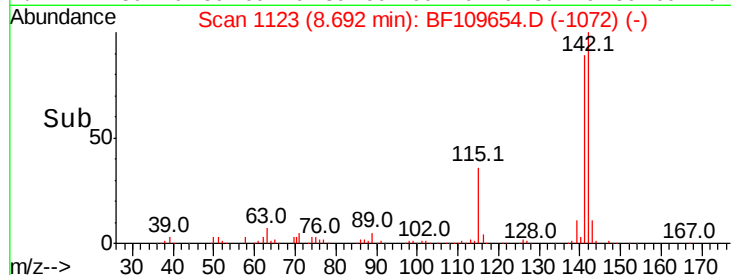
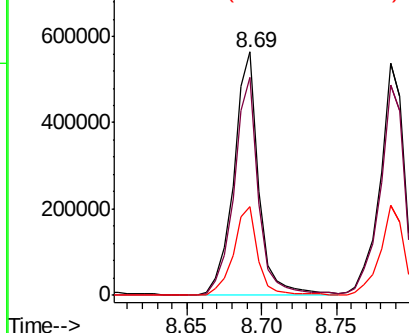


Abundance

Ion 142.00 (141.70 to 142.70): E

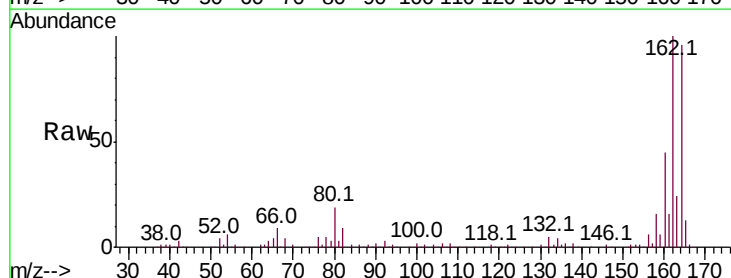
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	238063		
162	104.4	83.0	124.6	
160	47.3	37.0	55.6	

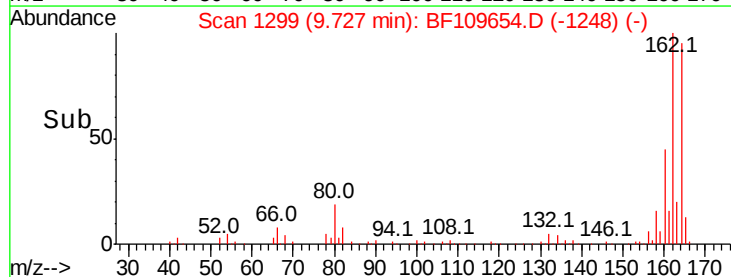
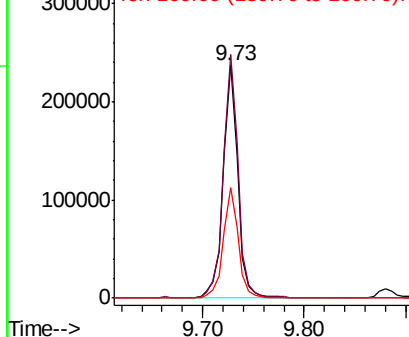


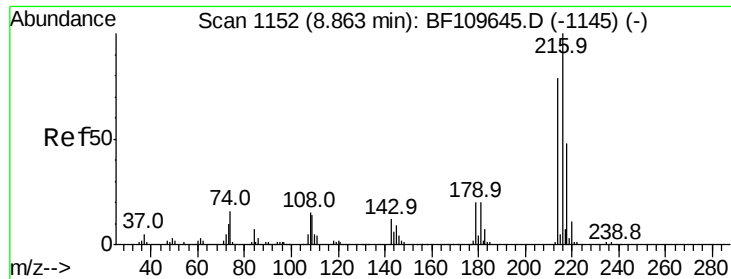
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





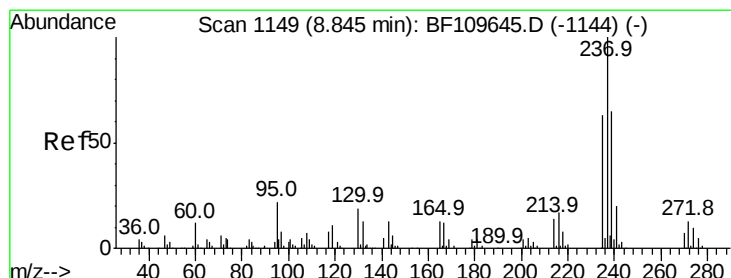
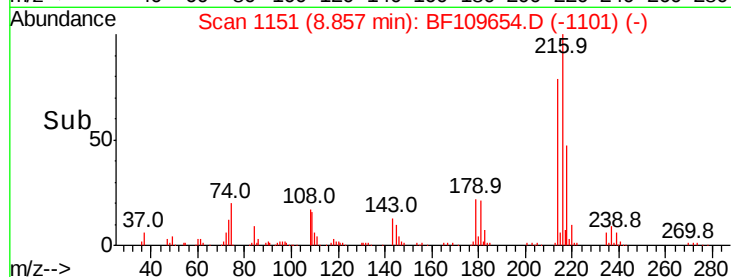
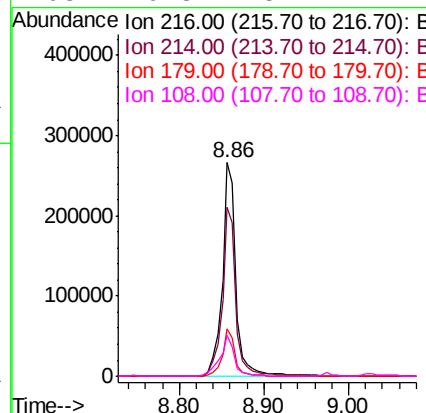
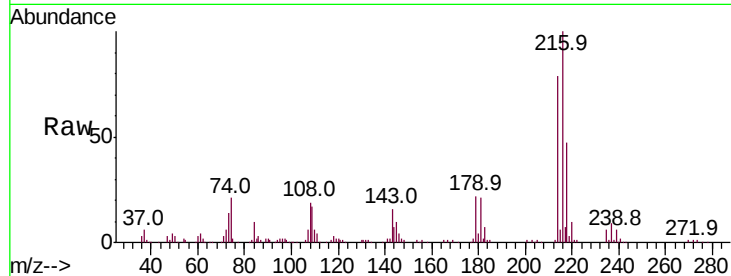
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.615 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	304822		
214	78.8	63.8	95.6	
179	20.9	16.6	25.0	
108	20.8	15.1	22.7	

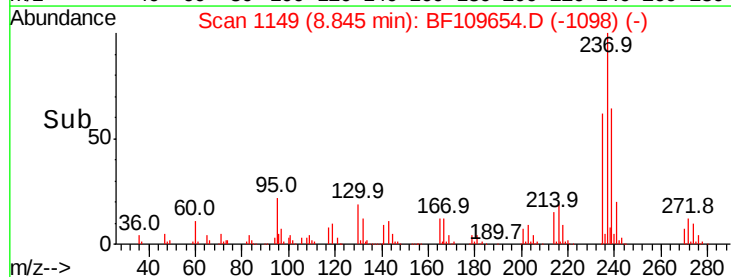
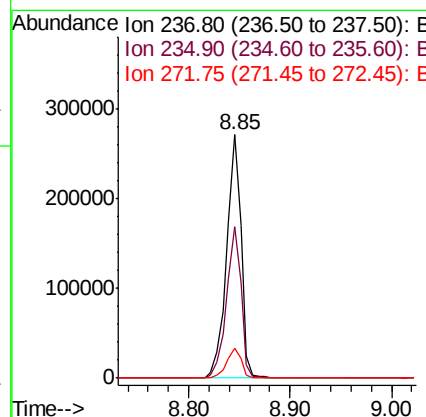
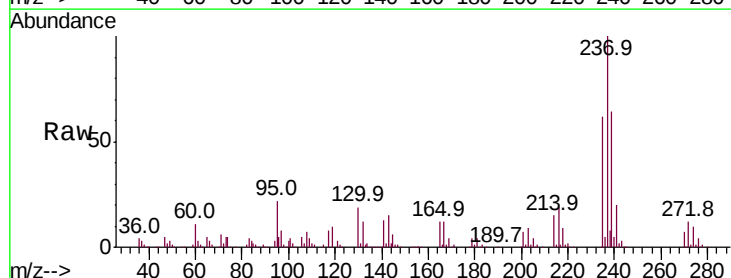
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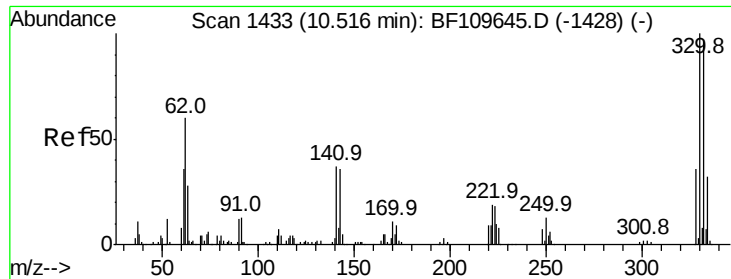
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 76.259 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	269282		
235	62.2	43.1	83.1	
272	12.2	0.0	32.6	





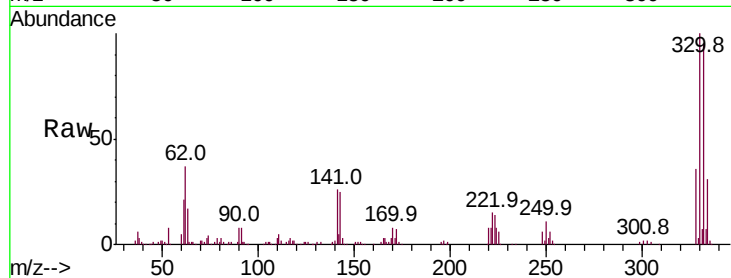
#41
 2,4,6-Tribromophenol
 Concen: 102.074 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	264774		
332	95.6	77.1	115.7	
141	33.0	27.0	40.4	

Manual Integrations
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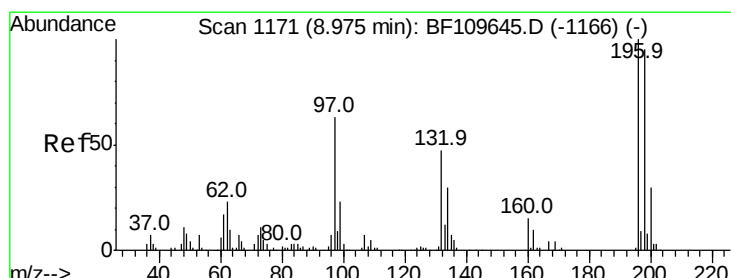
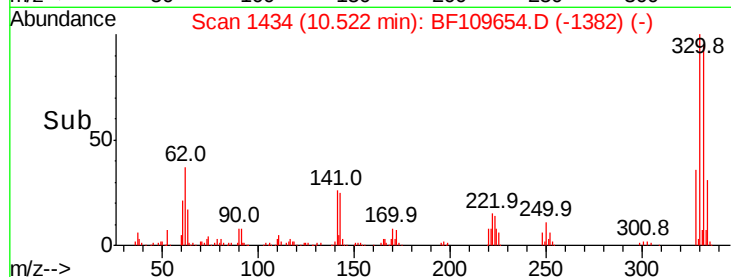
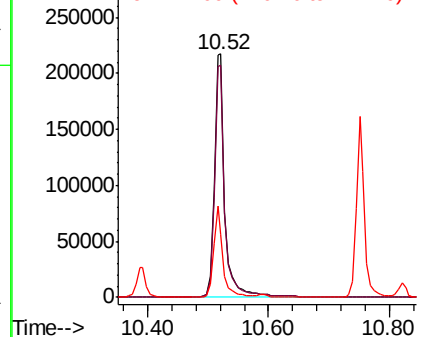


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.505 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

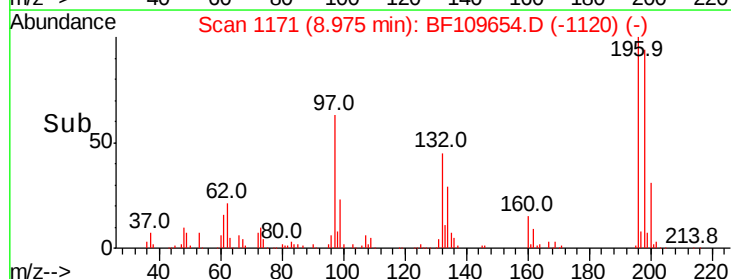
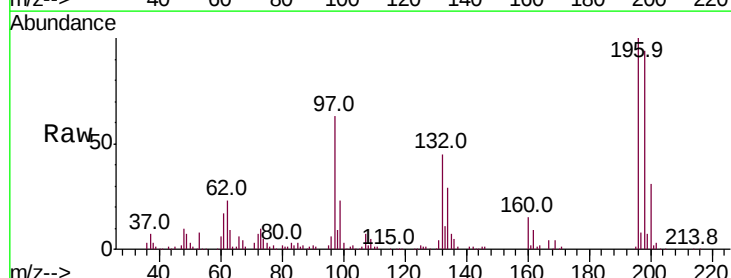
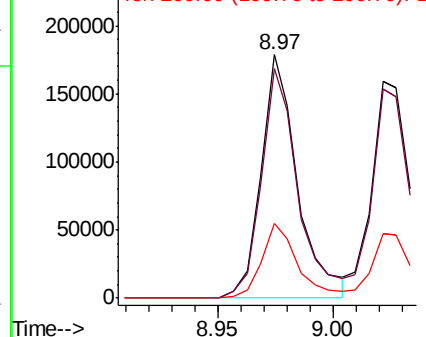
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196222		
198	94.3	76.2	114.4	
200	30.8	24.4	36.6	

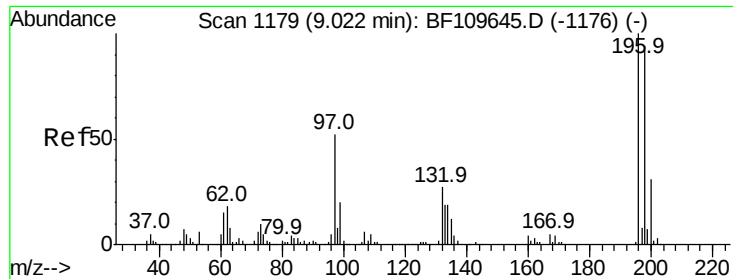
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





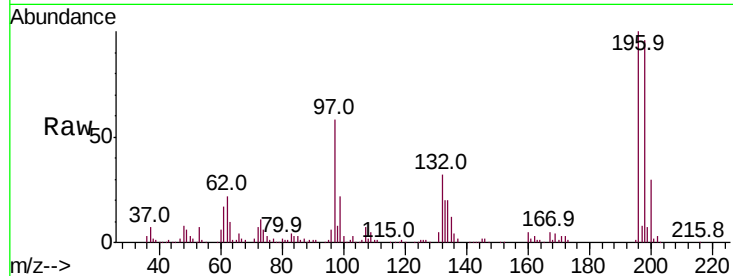
#43
2,4,5-Trichlorophenol
Concen: 38.736 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215762		
198	96.5	75.8	113.6	
97	57.9	42.4	63.6	
132	31.5	22.8	34.2	

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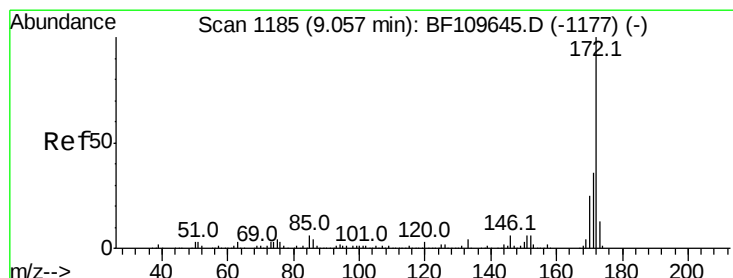
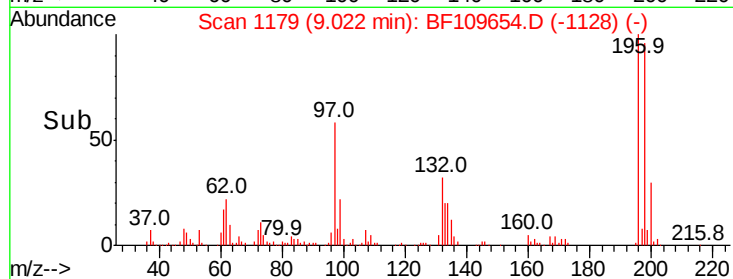
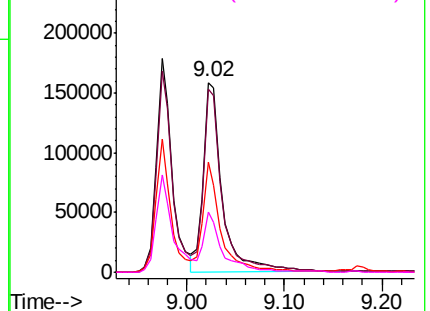
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 68.425 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

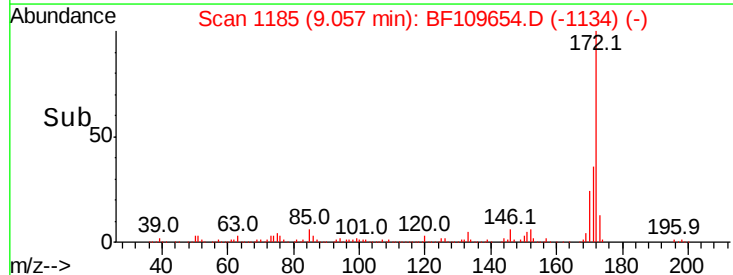
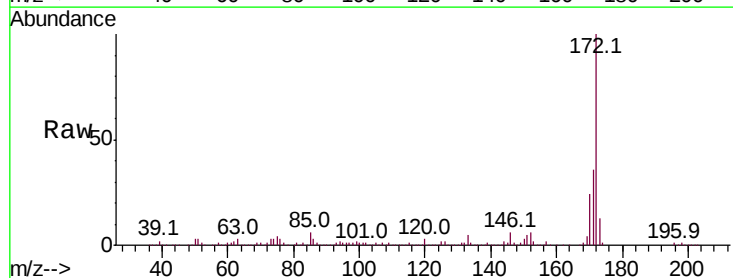
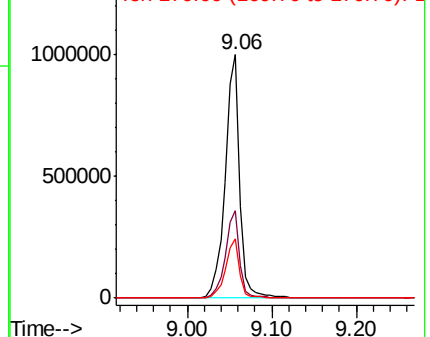
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1182748		
171	36.0	28.6	43.0	
170	24.3	19.7	29.5	

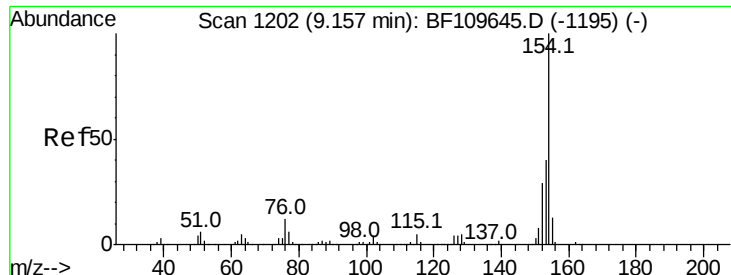
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





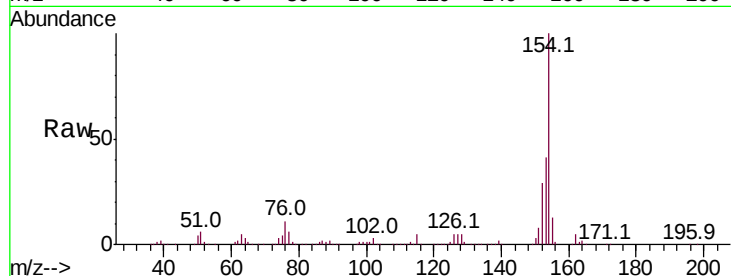
#45
 1,1'-Biphenyl
 Concen: 36.962 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampled :
 PB113588BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.5	0.0	31.9

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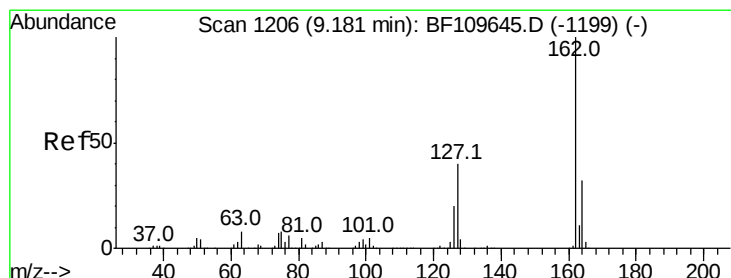
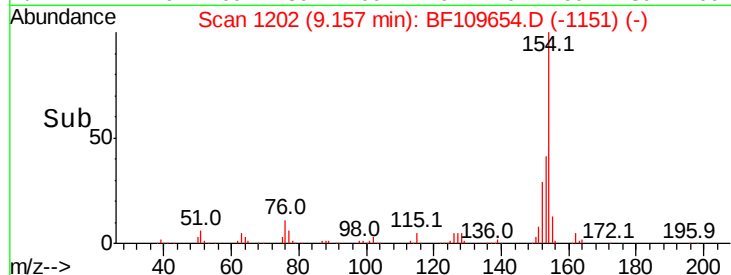
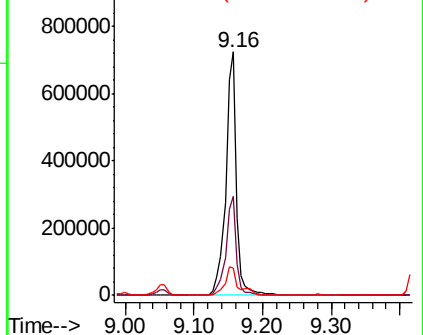


Abundance

Ion 154.00 (153.70 to 154.70): E

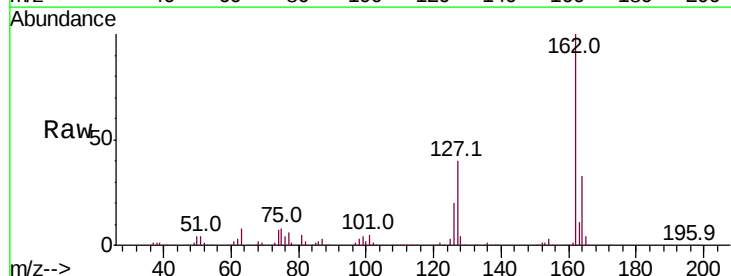
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 38.301 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.8	25.9	38.9

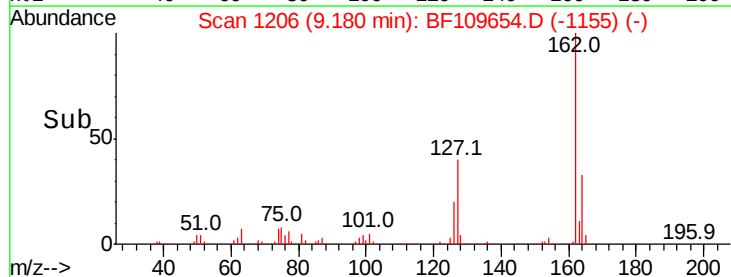
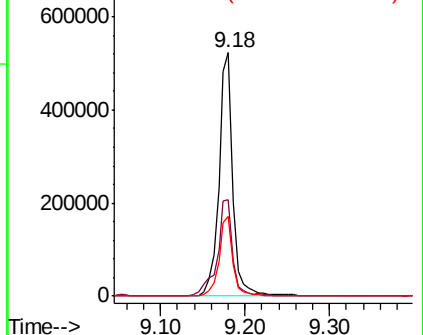


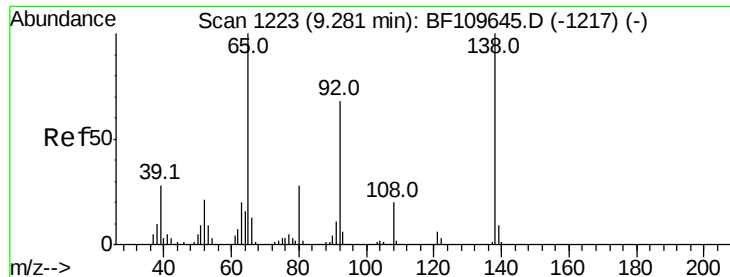
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





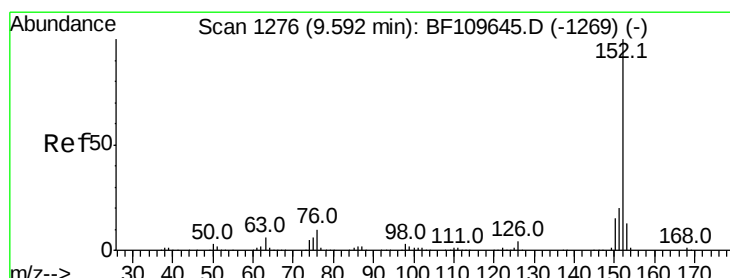
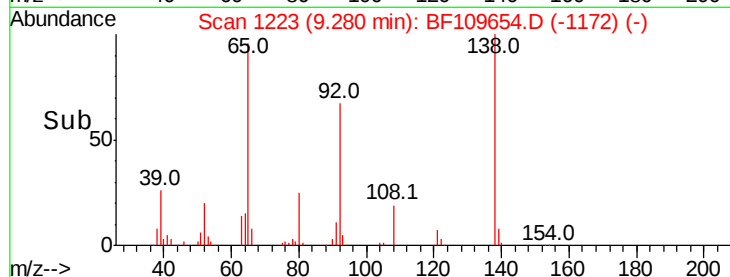
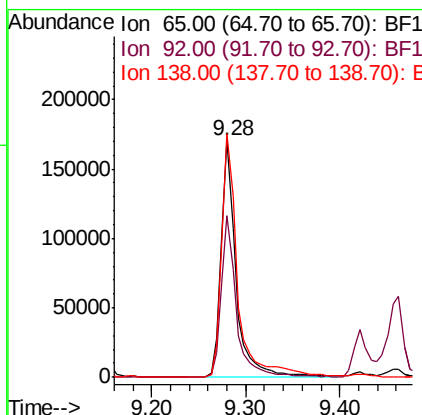
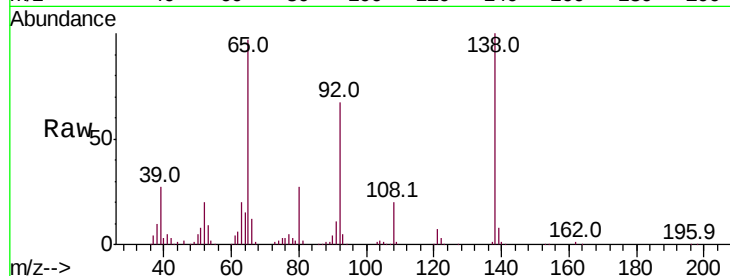
#47
2-Nitroaniline
Concen: 39.811 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.6	81.8
138	102.7	80.3	120.5

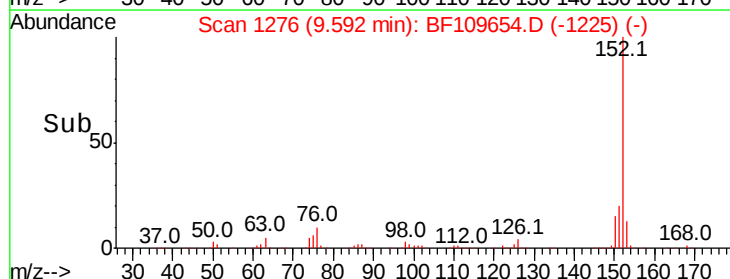
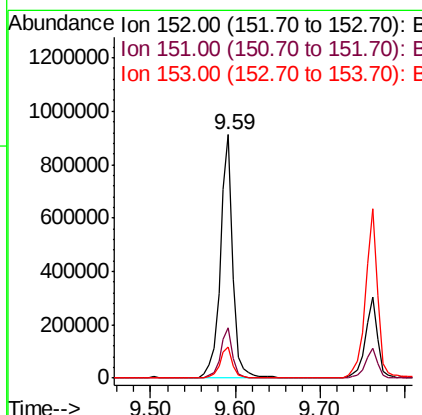
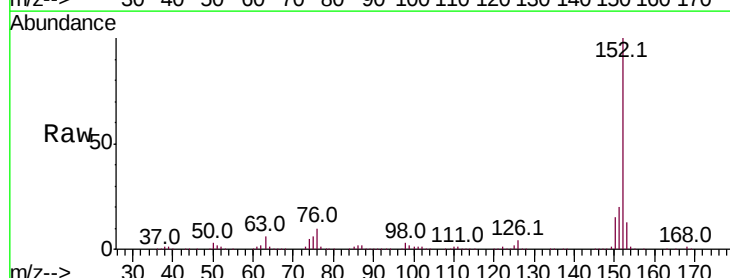
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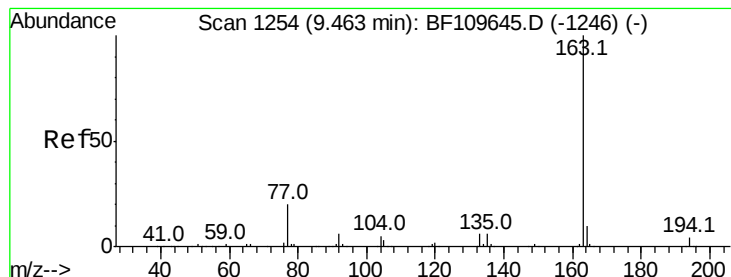
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#48
Acenaphthylene
Concen: 40.844 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.0	10.4	15.6





#49

Dimethylphthalate

Concen: 40.203 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

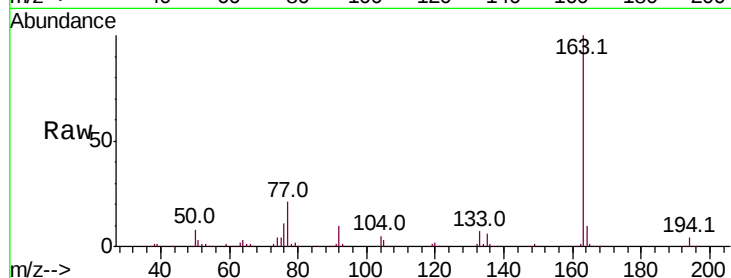
ClientSampleId :

PB113588BS

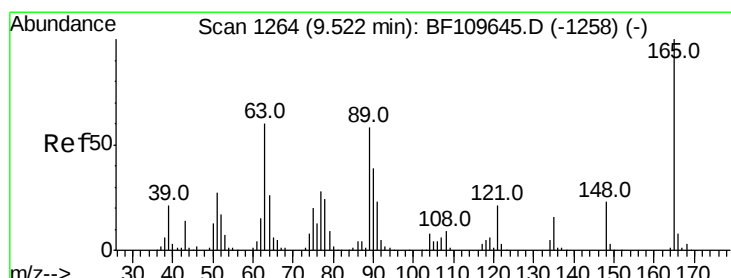
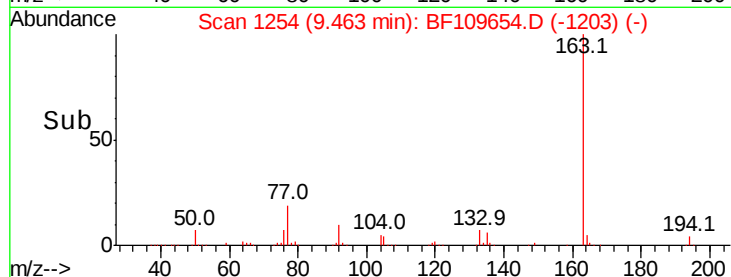
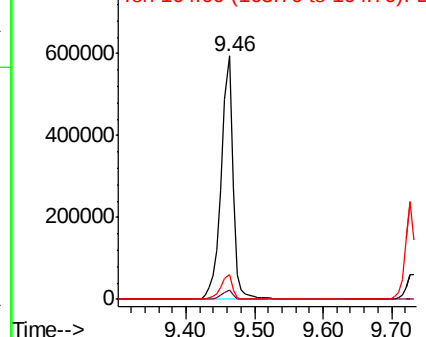
Tot Ion:	163	Resp:	701924
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.633 ng

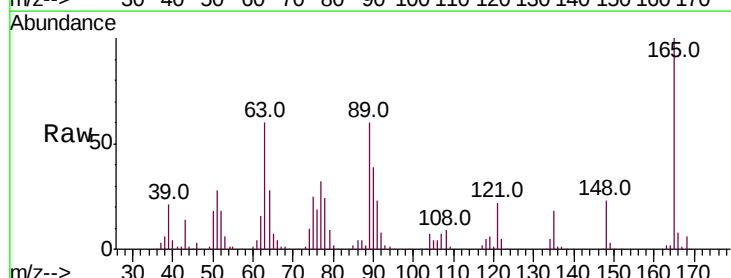
RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

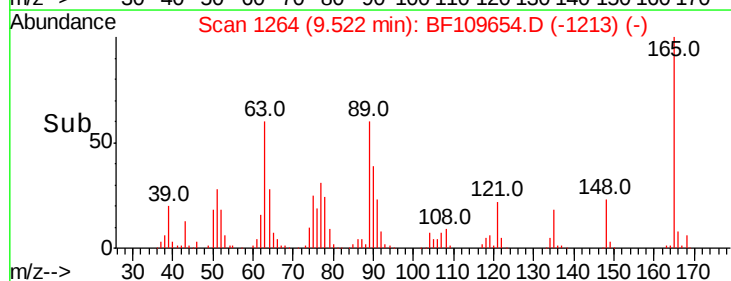
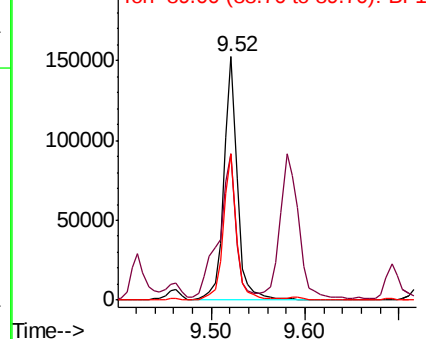
Lab File: BF109654.D

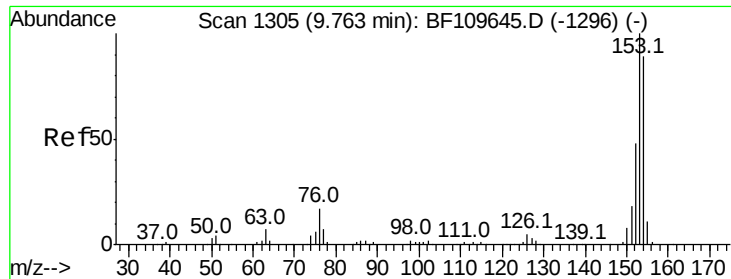
Acq: 8 Oct 2018 18:13

Tgt Ion:	165	Resp:	153782
Ion Ratio	Lower	Upper	
165	100		
63	60.4	48.9	73.3
89	60.3	46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.248 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

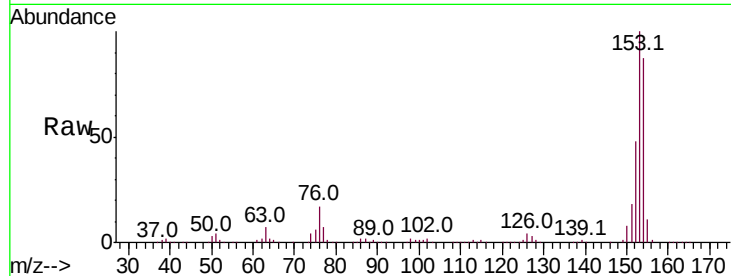
ClientSampleId :

PB113588BS

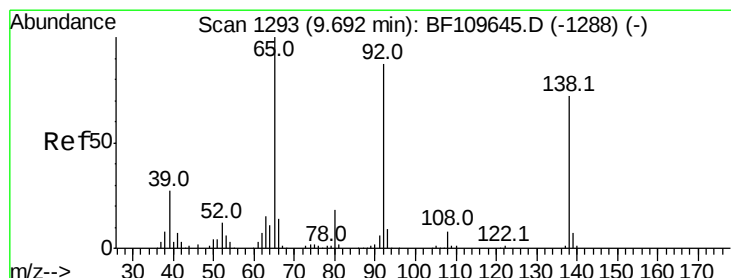
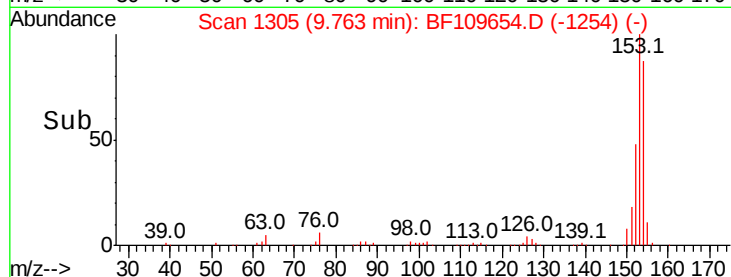
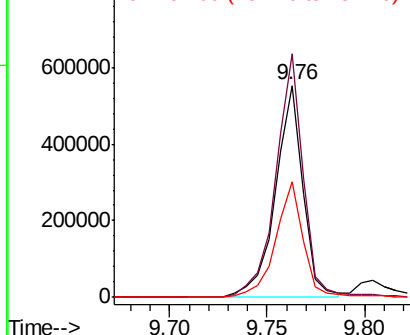
Tot Ion:	154	Resp:	540447
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.1	135.1
152	54.7	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.070 ng

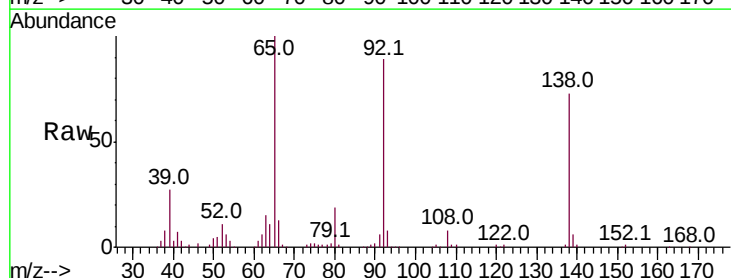
RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

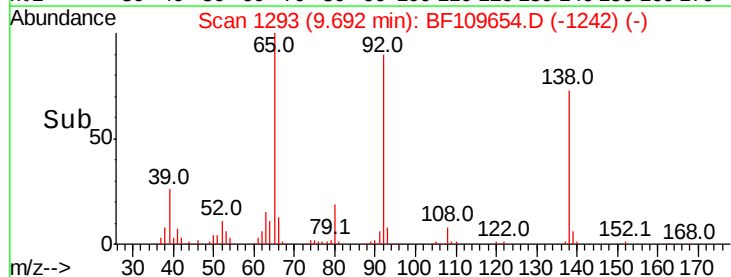
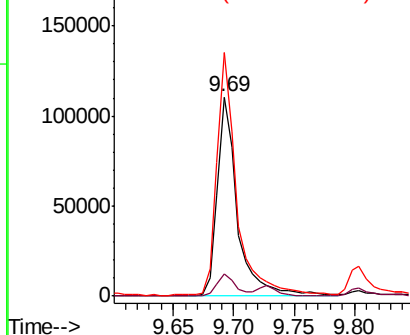
Lab File: BF109654.D

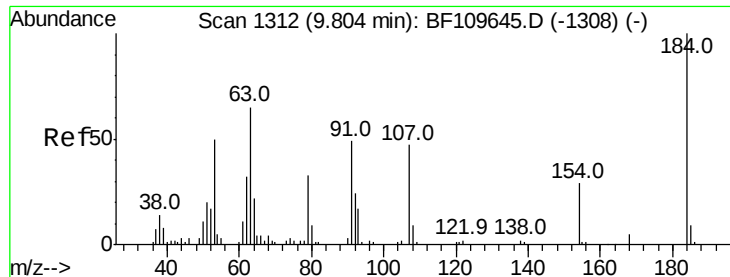
Acq: 8 Oct 2018 18:13

Tgt Ion:	138	Resp:	127570
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.7	13.1
92	122.3	97.0	145.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





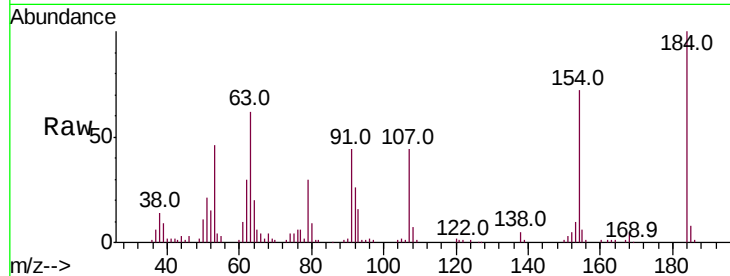
#53
 2,4-Dinitrophenol
 Concen: 63.067 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

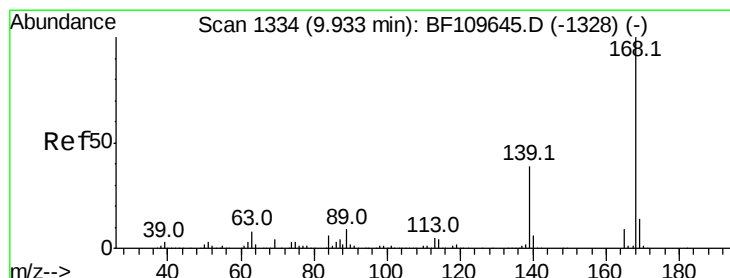
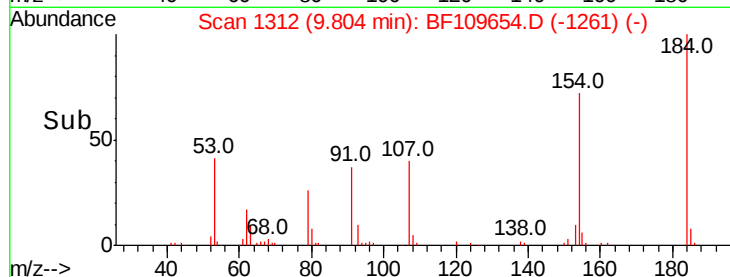
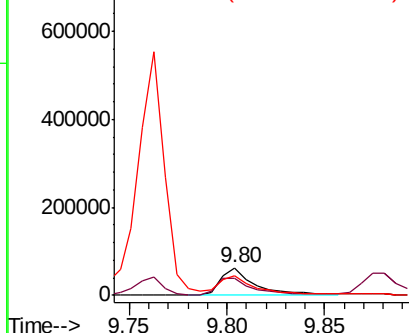
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.4	55.8	83.6	
154	72.1	63.2	94.8	

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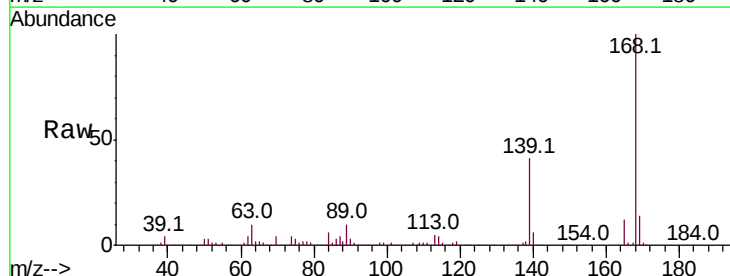


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

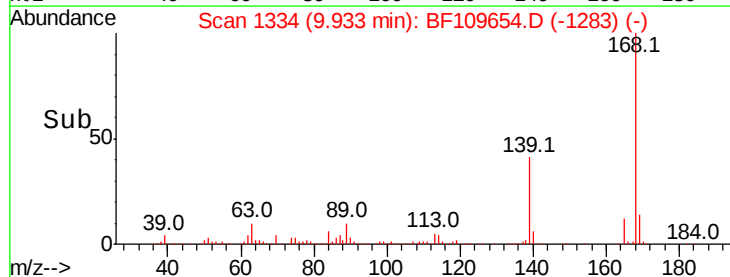
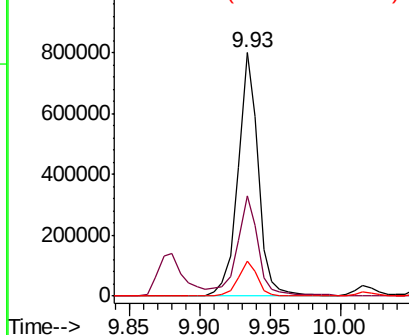


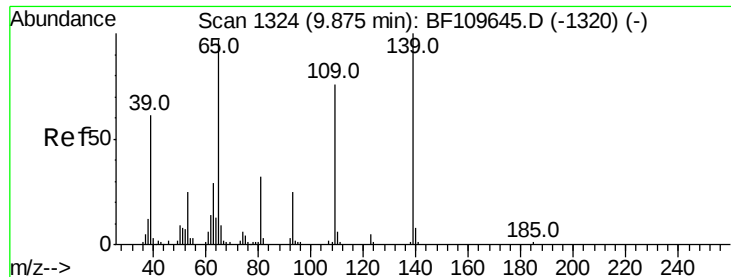
#54
 Dibenzofuran
 Concen: 38.838 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	33.0	49.6	
169	14.4	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





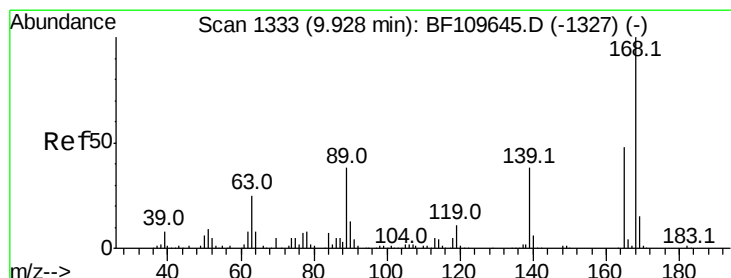
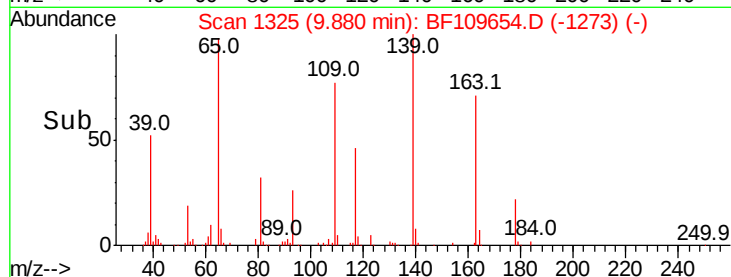
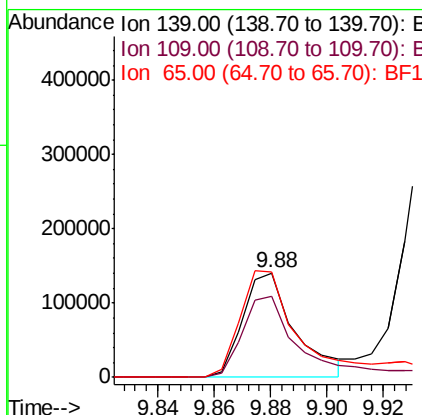
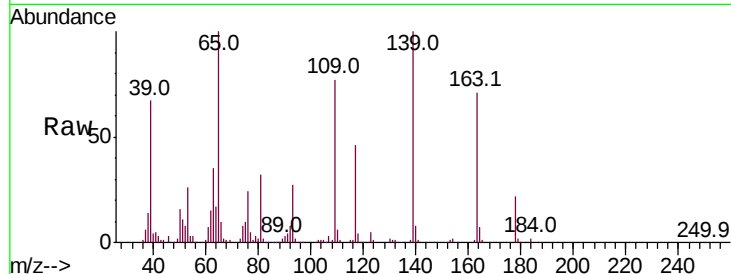
#55
4-Nitrophenol
Concen: 77.838 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.9	55.8	95.8	
65	100.4	77.9	117.9	

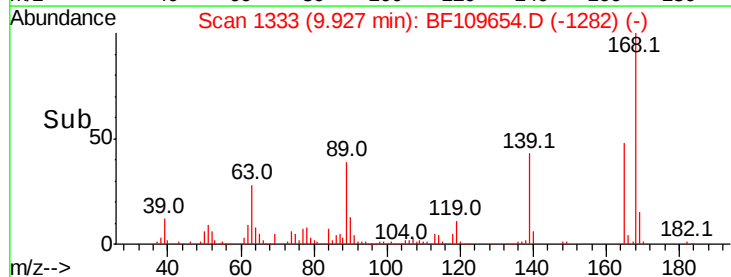
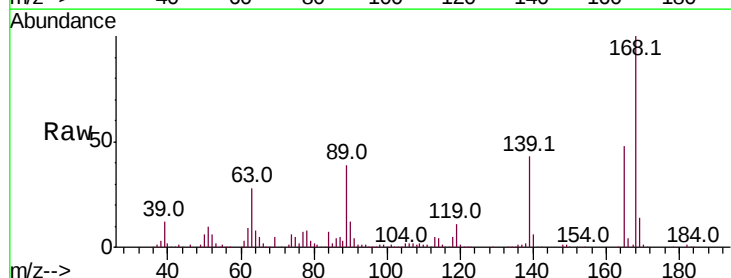
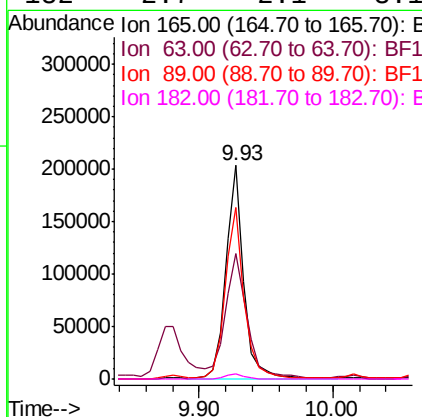
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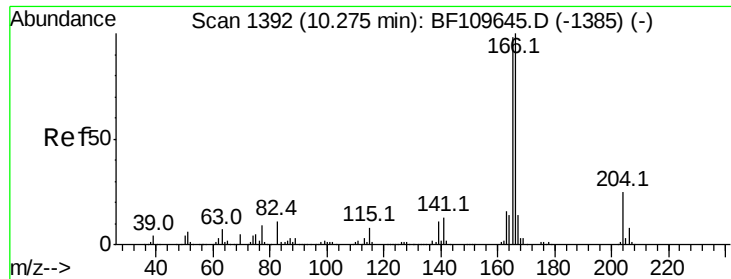
Sohil
10/9/2018 2:57:27 PM



#56
2,4-Dinitrotoluene
Concen: 40.013 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.8	44.8	67.2	
89	80.5	62.2	93.4	
182	2.7	2.1	3.1	





#57

Fluorene

Concen: 41.137 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

ClientSampleId :

PB113588BS

Tot Ion:166 Resp: 634093

Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

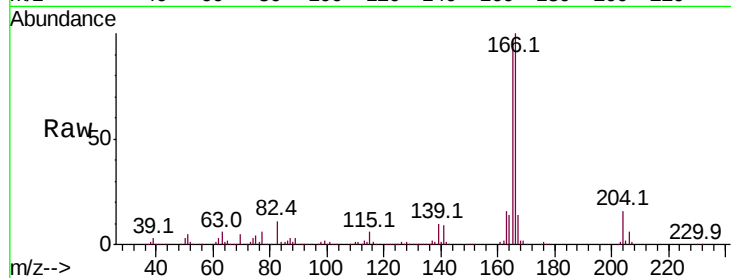
167 13.7 10.8 16.2

Manual Integrations

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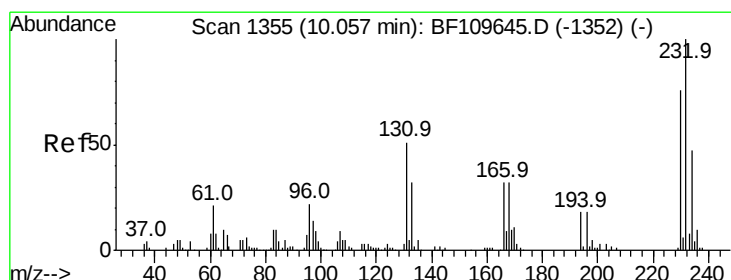
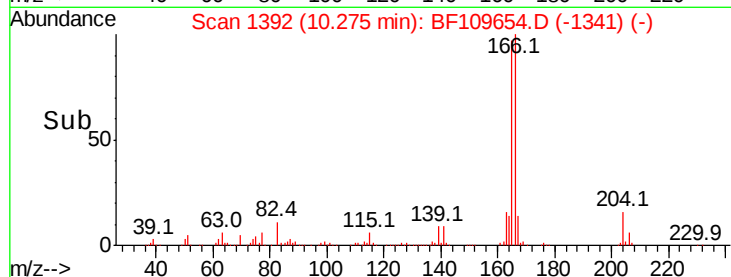
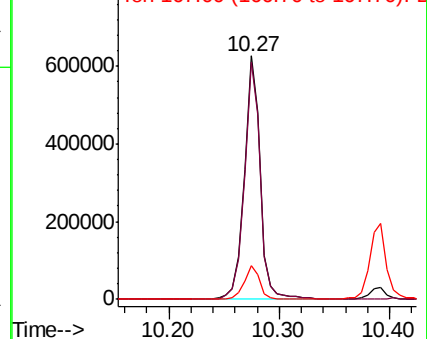


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.943 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Tgt Ion:232 Resp: 171799

Ion Ratio Lower Upper

232 100

131 46.8 37.0 55.4

130 2.3 1.8 2.6

166 31.1 22.0 33.0

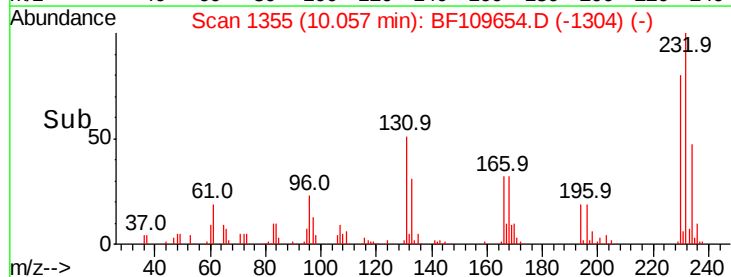
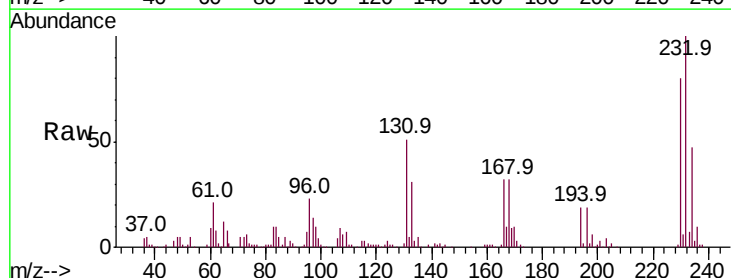
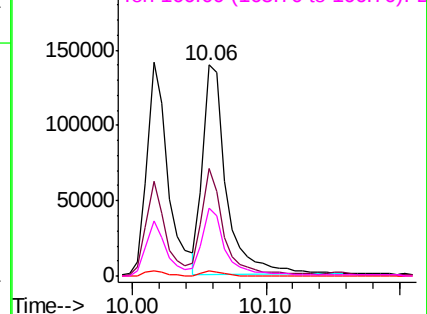
Abundance

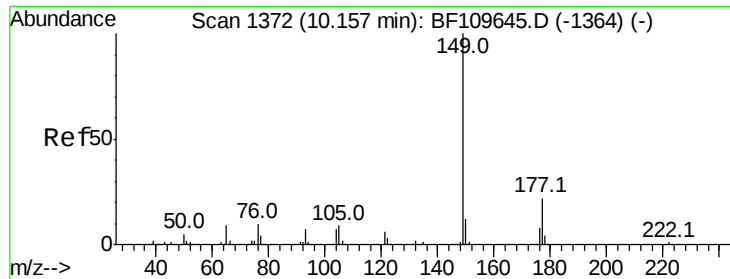
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





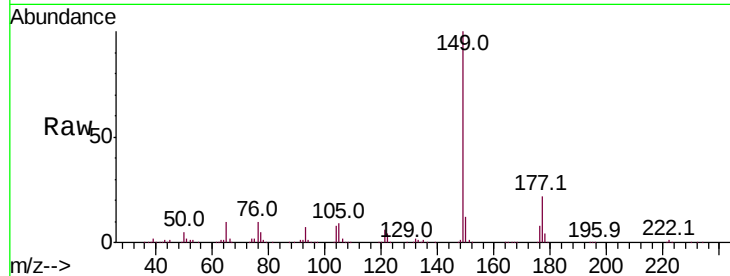
#59
Diethylphthalate
Concen: 39.661 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

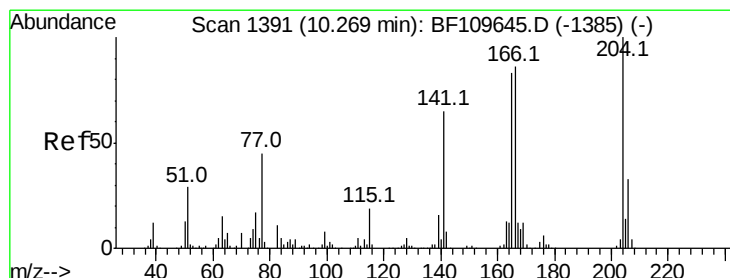
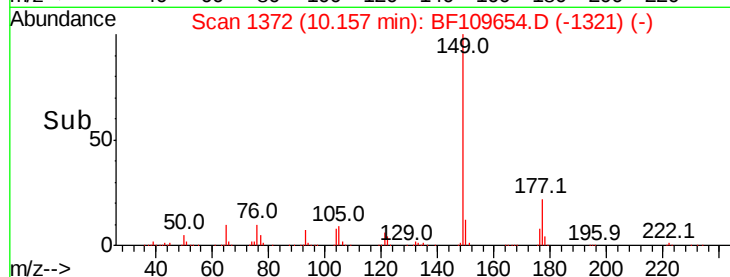
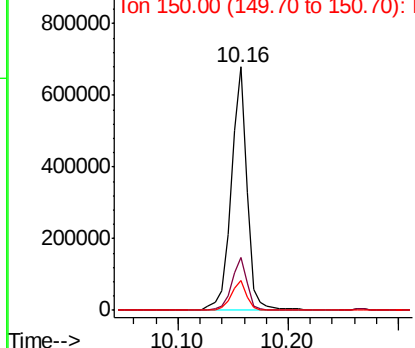
Tot Ion	Ratio	Resp	Lower	Upper
149	100	686115		
177	21.7		17.4	26.2
150	12.5		9.8	14.8

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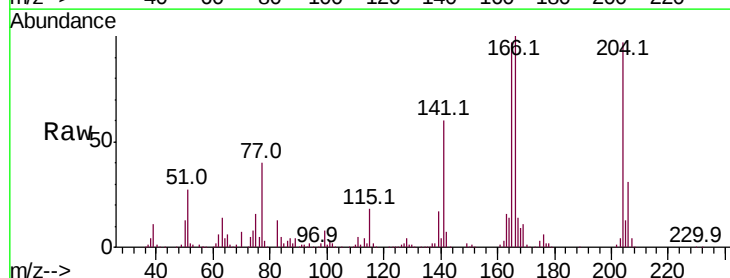


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

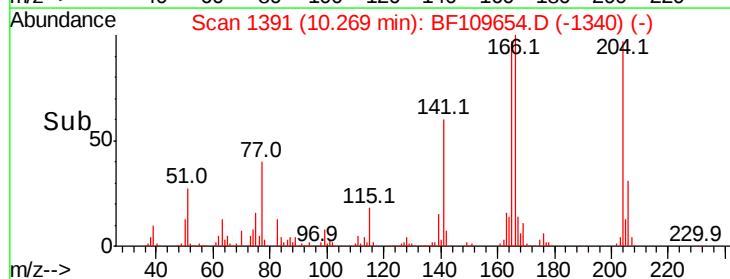
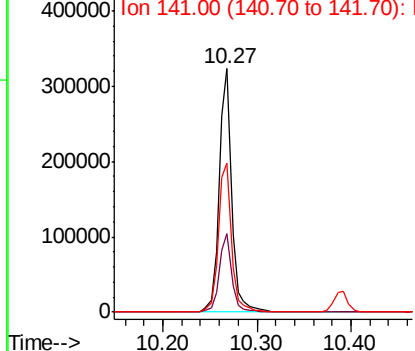


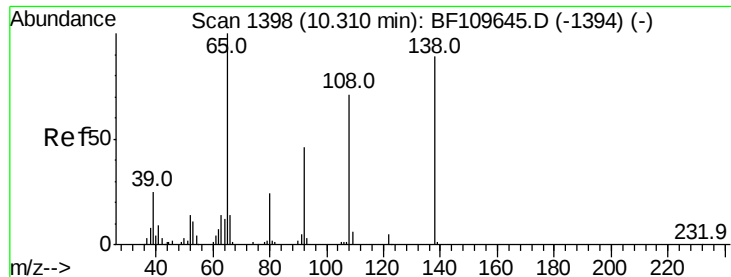
#60
4-Chlorophenyl-phenylether
Concen: 37.107 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	301751		
206	32.1		26.5	39.7
141	61.3		51.8	77.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





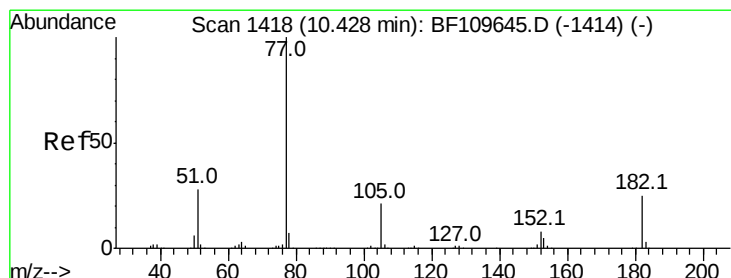
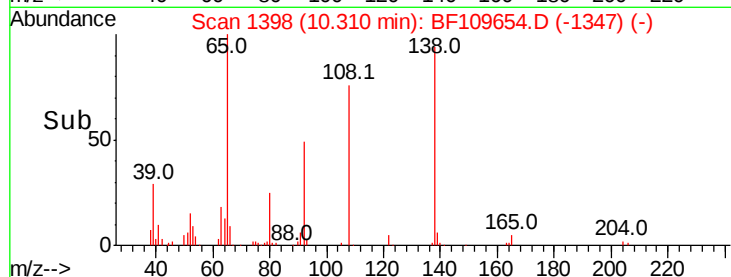
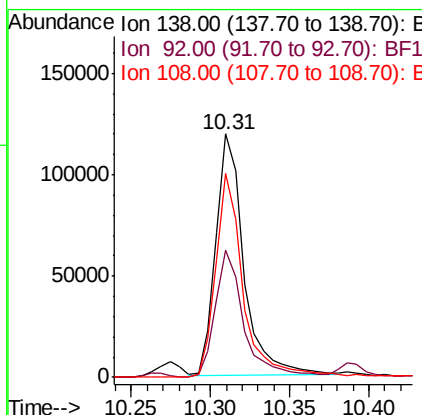
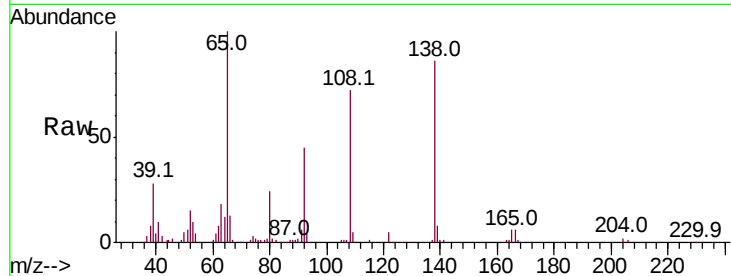
#61
4-Nitroaniline
Concen: 37.348 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.7	71.7
108	83.5	59.3	99.3

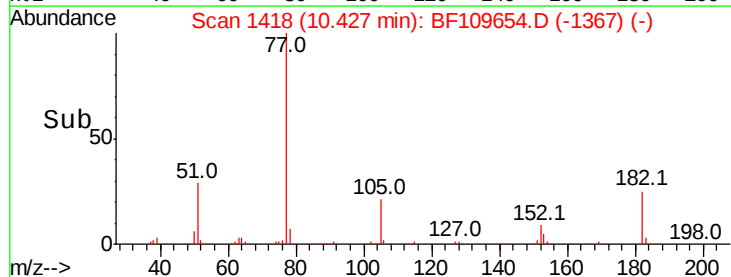
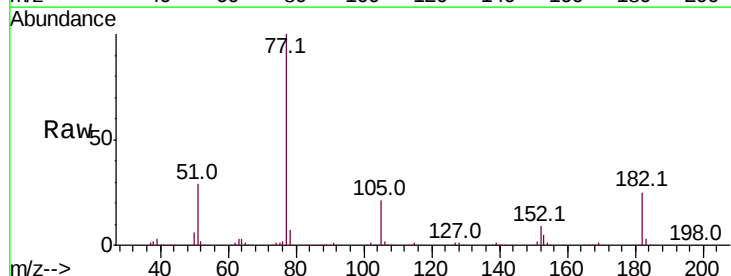
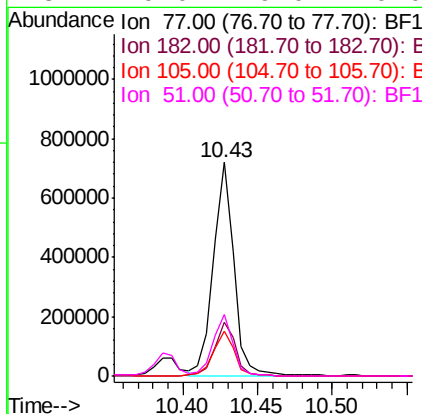
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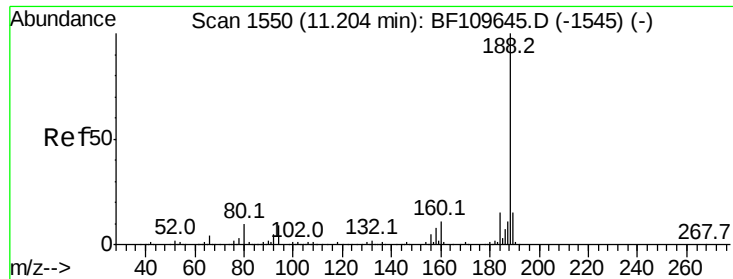
Sohil
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#62
Azobenzene
Concen: 39.025 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.3	44.3
105	21.2	1.3	41.3
51	29.0	9.0	49.0





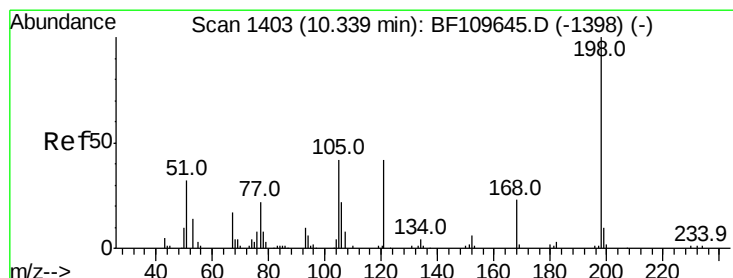
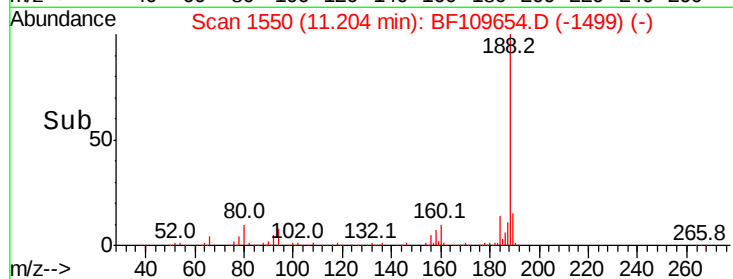
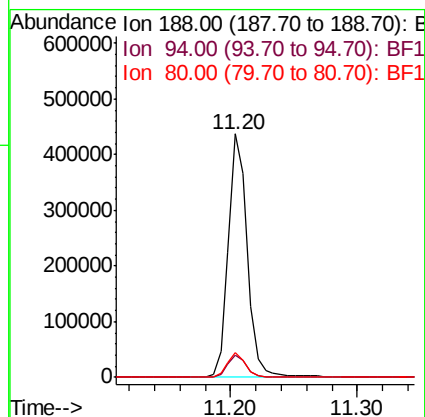
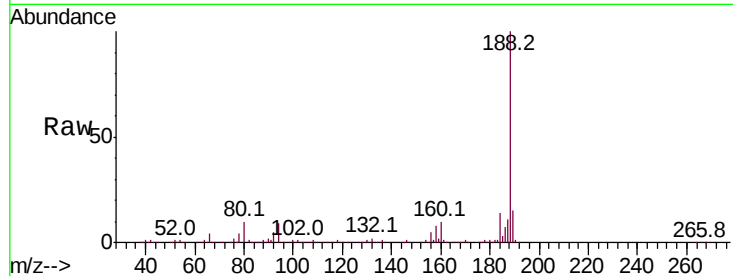
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	452119		
94	9.2		7.2	10.8
80	10.0		7.9	11.9

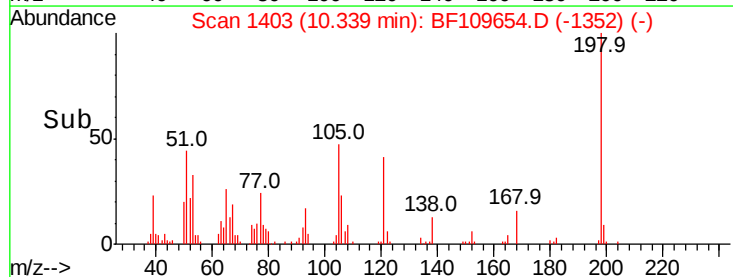
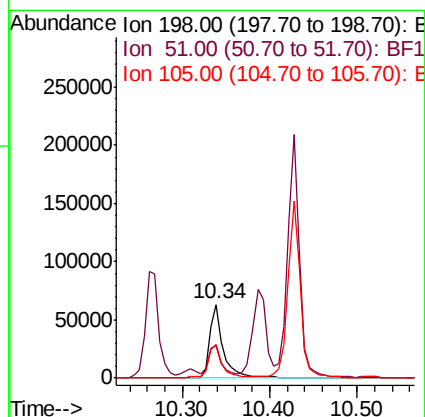
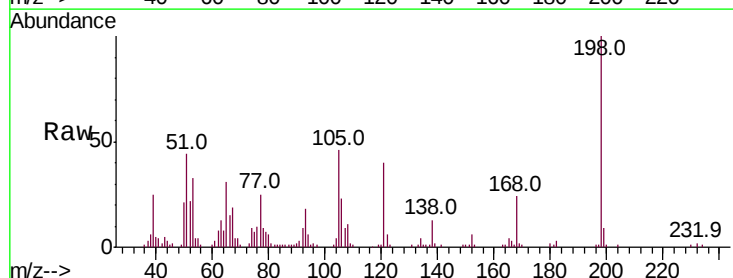
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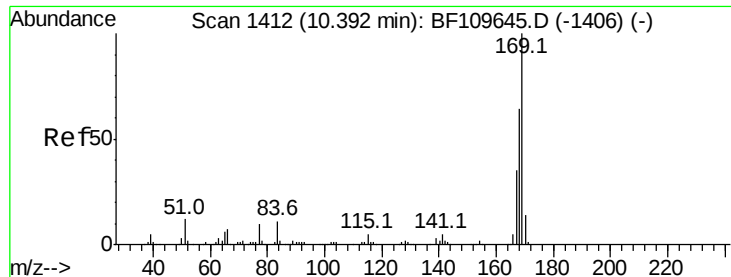
Sohil
10/9/2018 2:57:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.200 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	68658		
51	43.7		22.8	62.8
105	46.4		23.6	63.6





#65

n-Nitrosodiphenylamine

Concen: 38.069 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

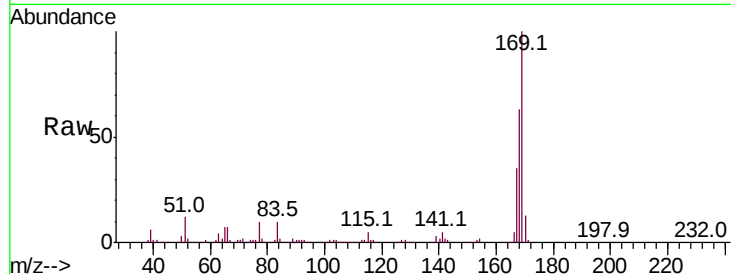
ClientSampleId :

PB113588BS

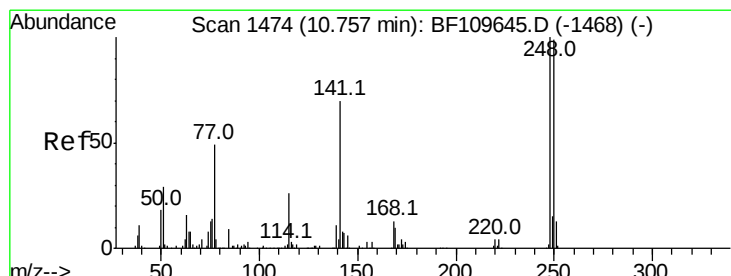
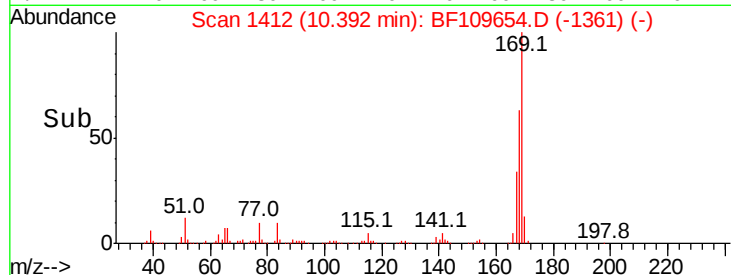
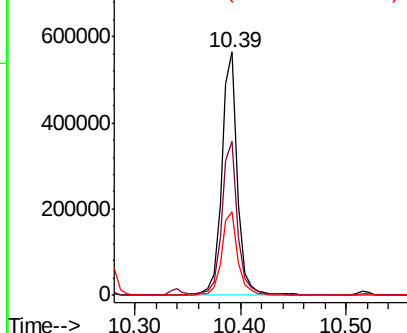
Tot Ion:	169	Resp:	583476
Ion Ratio	Lower	Upper	
169	100		
168	63.2	51.2	76.8
167	34.5	27.8	41.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.972 ng

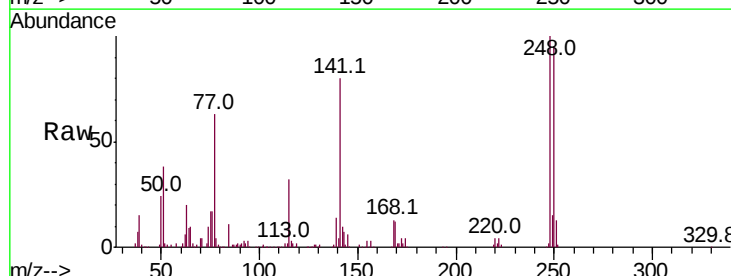
RT: 10.75 min Scan# 1473

Delta R.T. -0.01 min

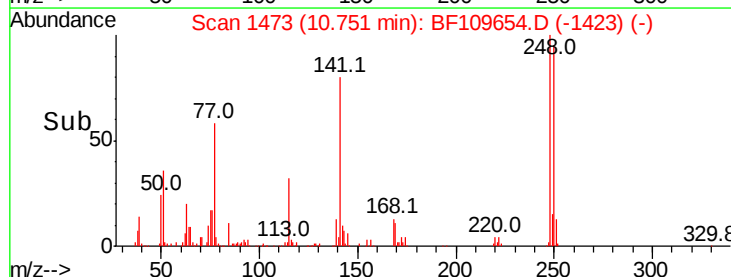
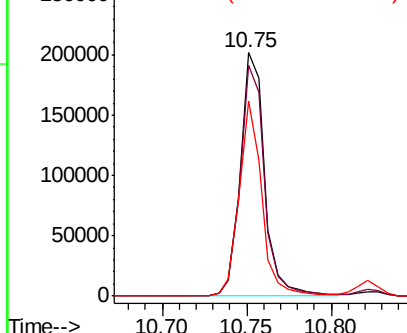
Lab File: BF109654.D

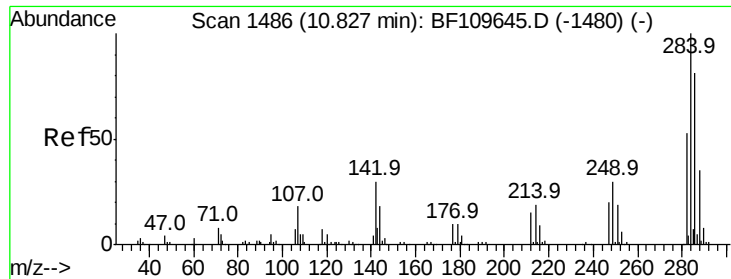
Acq: 8 Oct 2018 18:13

Tgt Ion:	248	Resp:	202458
Ion Ratio	Lower	Upper	
248	100		
250	95.1	79.4	119.2
141	79.9	55.9	83.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





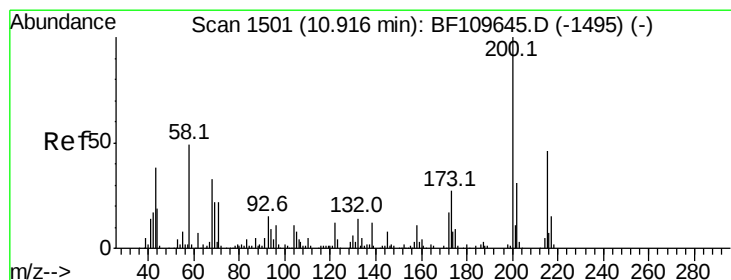
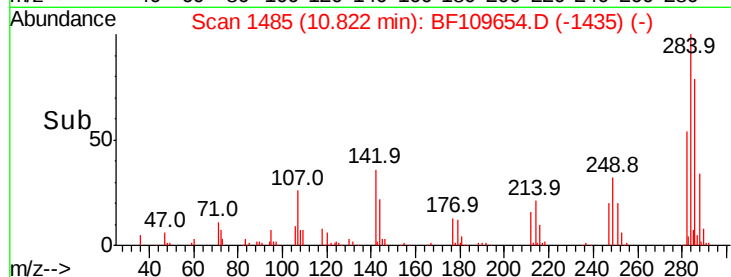
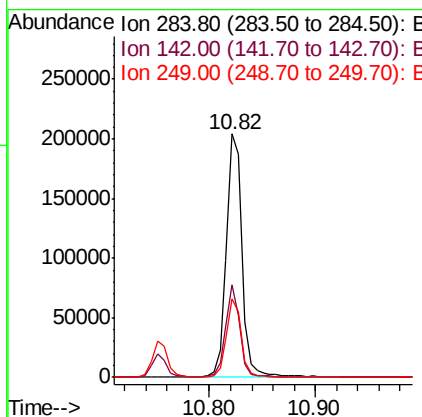
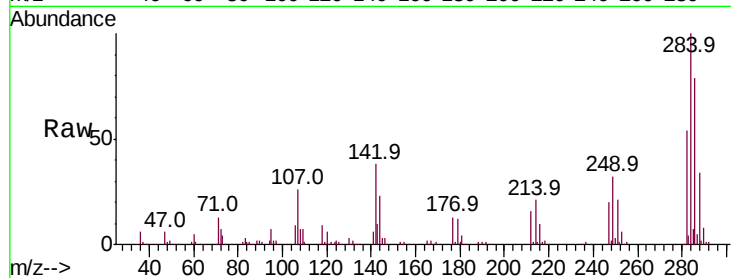
#67
Hexachlorobenzene
Concen: 37.589 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampled :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	211451		
142	38.3	23.9	35.9#	
249	32.2	24.2	36.2	

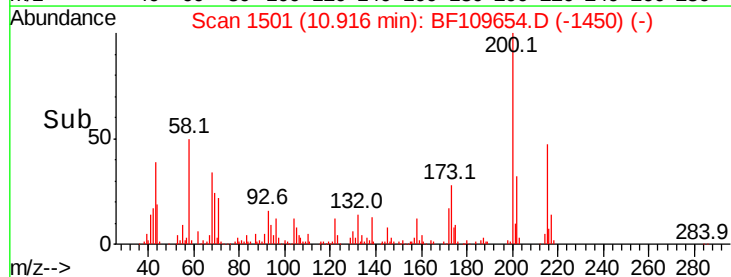
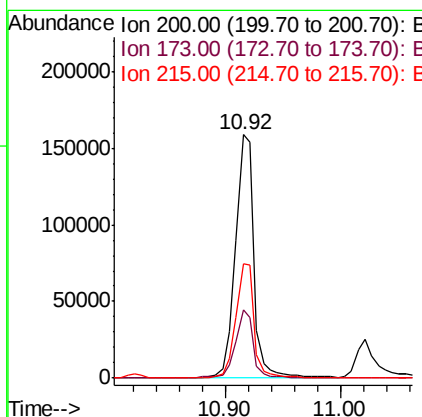
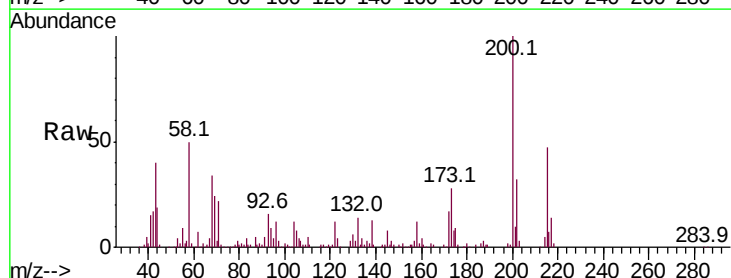
Manual Integrations
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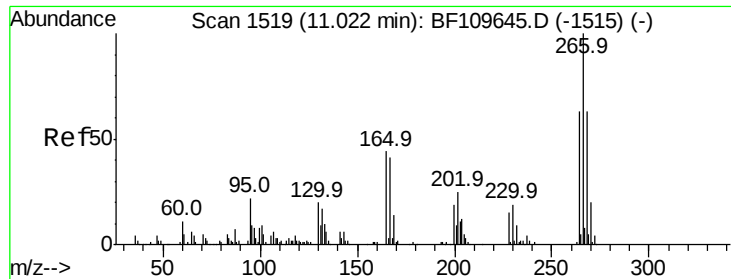
Sohil
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#68
Atrazine
Concen: 37.222 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178040		
173	28.1	6.6	46.6	
215	47.1	26.3	66.3	





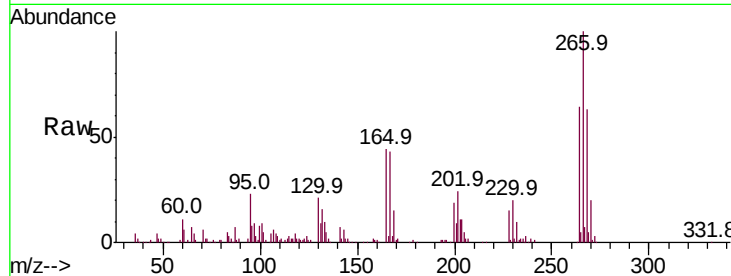
#69
 Pentachlorophenol
 Concen: 56.152 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	177743		
268	62.7	50.6	75.8	
264	63.9	50.6	75.8	

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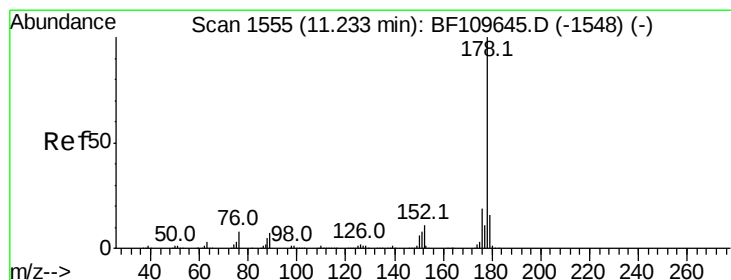
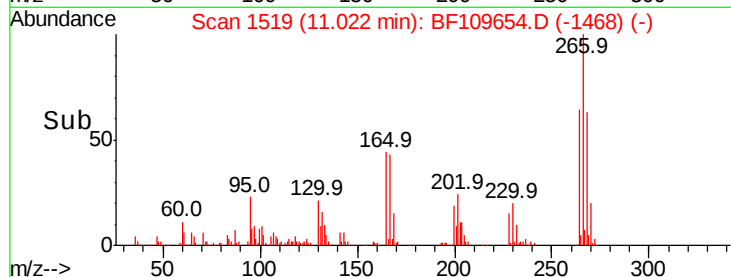
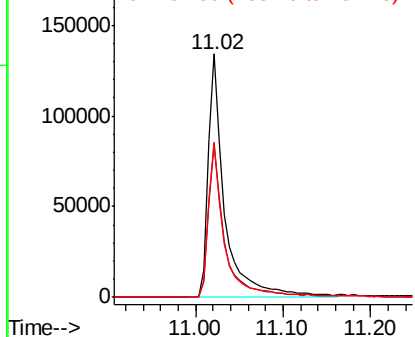


Abundance

Ion 265.70 (265.40 to 266.40): E

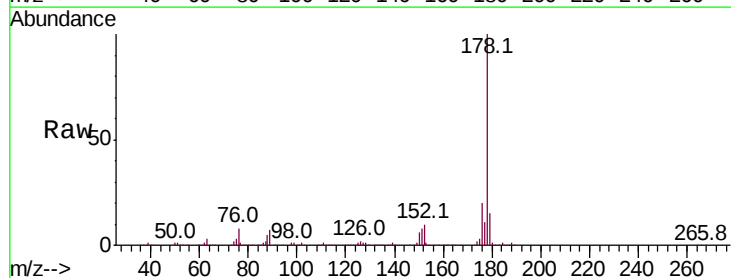
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.877 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	924874		
176	19.7	15.5	23.3	
179	15.2	12.5	18.7	

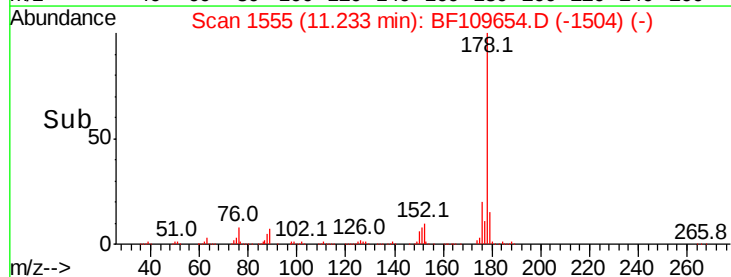
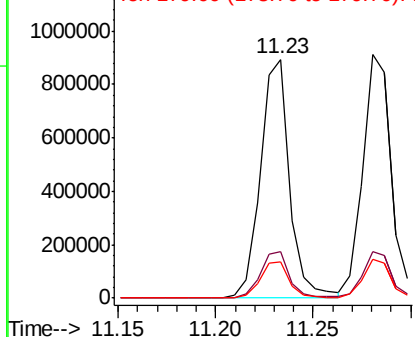


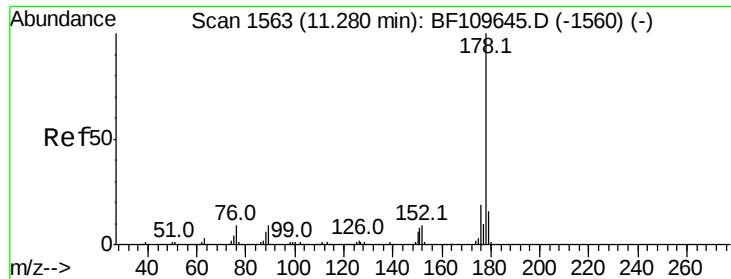
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





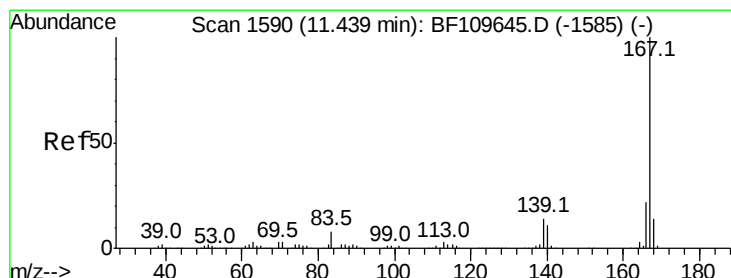
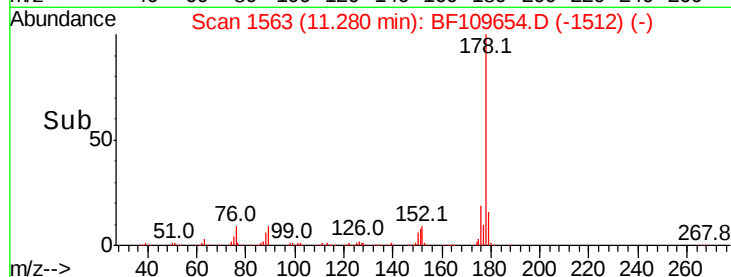
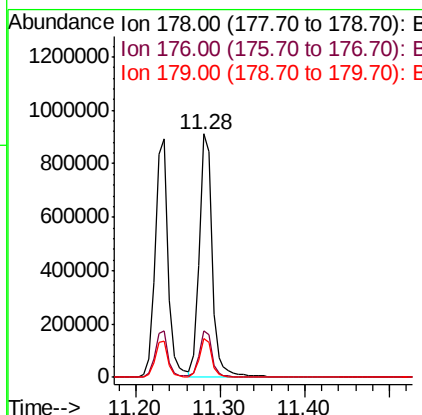
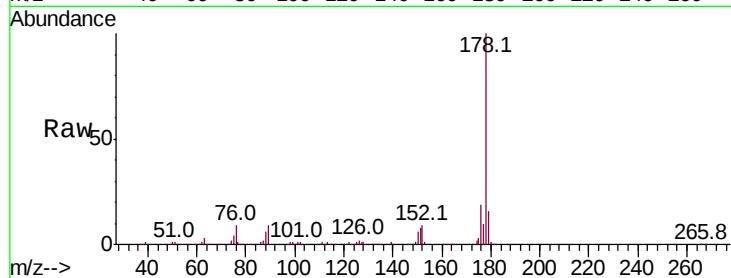
#71
 Anthracene
 Concen: 40.872 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	18.8

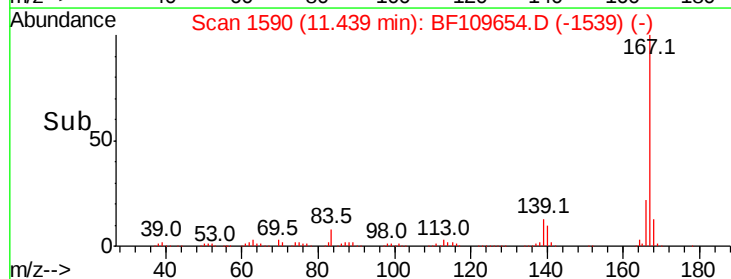
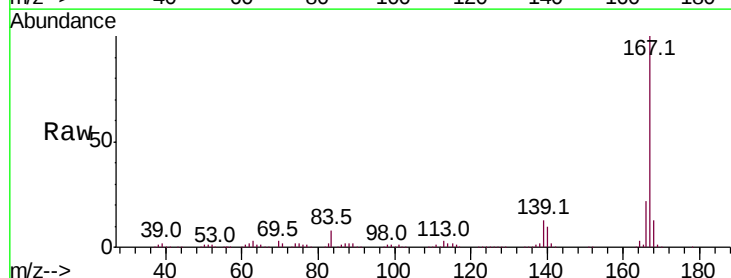
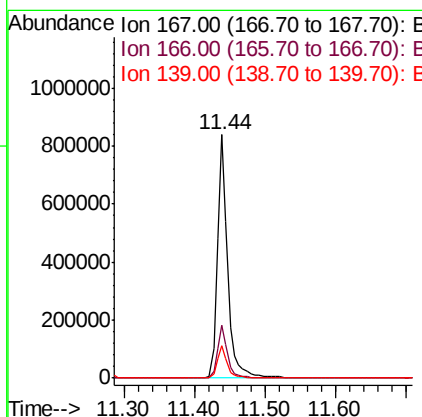
Manual Integrations
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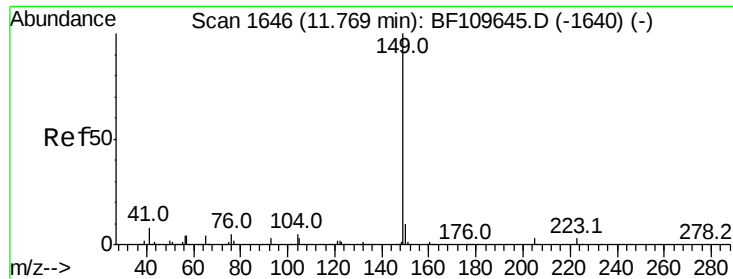
Sohil
 10/9/2018 2:57:27 PM



#72
 Carbazole
 Concen: 37.510 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.3	10.9	16.3





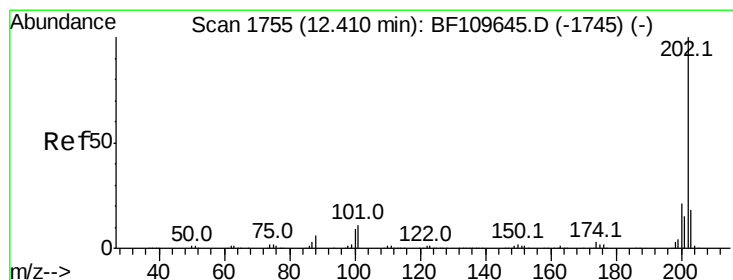
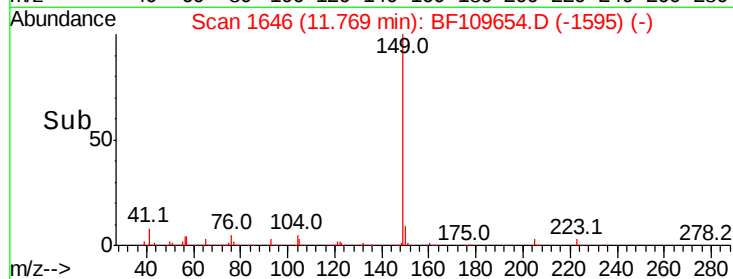
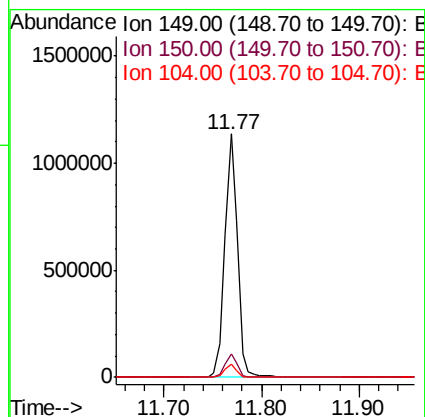
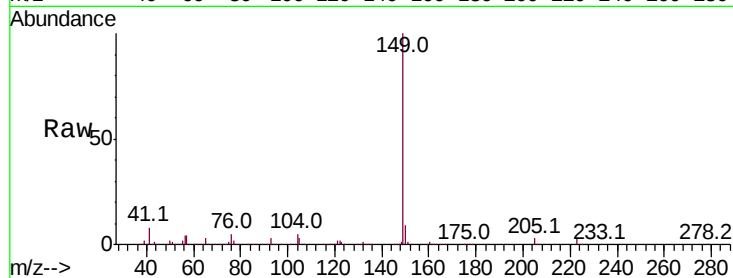
#73
Di-n-butylphthalate
Concen: 38.987 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.4	4.2	6.4

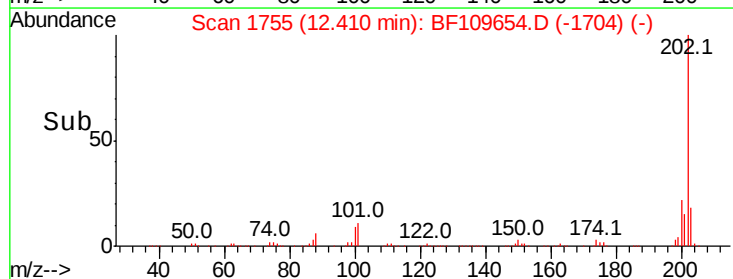
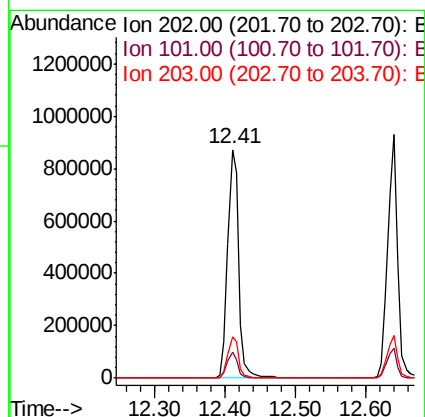
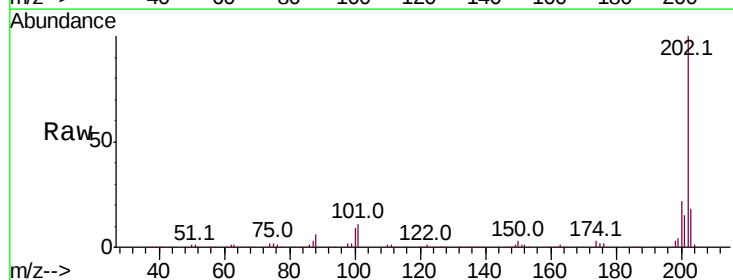
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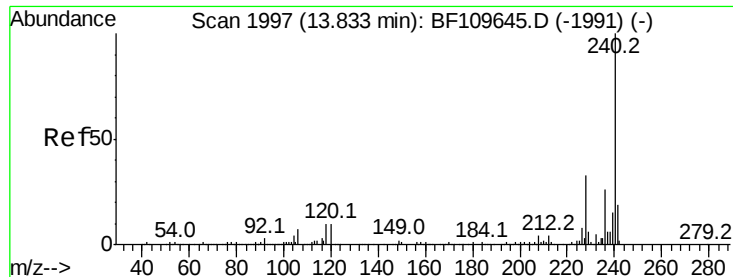
Sohil
10/9/2018 2:57:27 PM



#74
Fluoranthene
Concen: 40.143 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	18.3	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

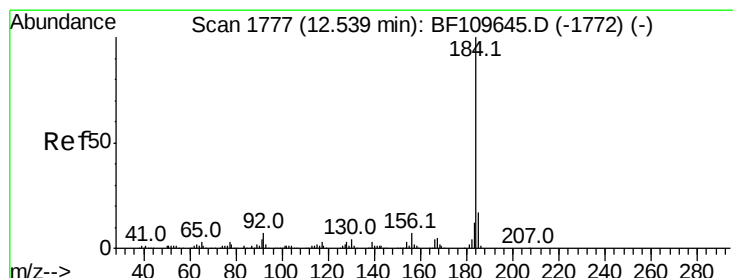
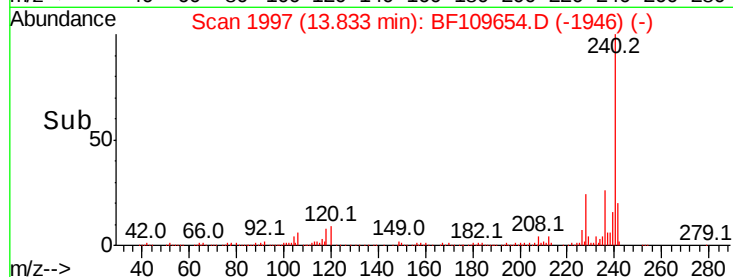
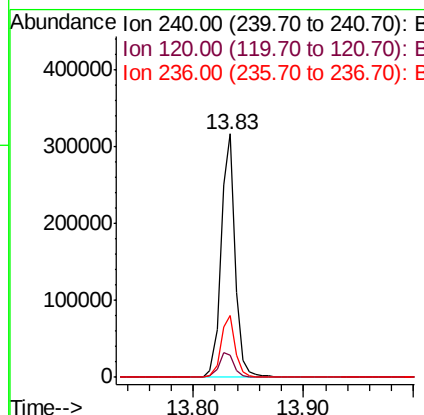
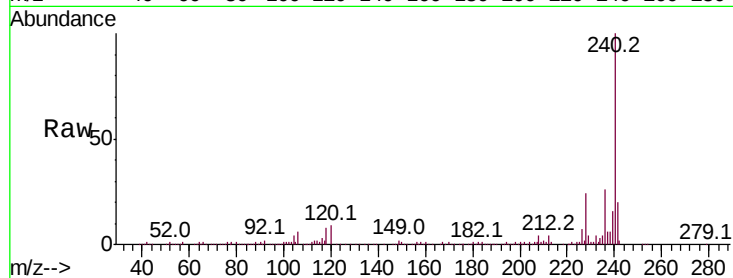
ClientSampleId :

PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	280611		
120	9.0		8.3	12.5
236	25.6		21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 27.118 ng

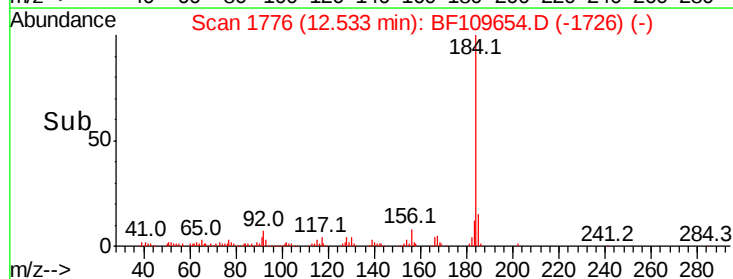
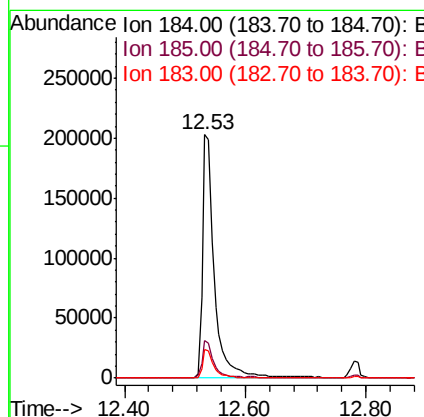
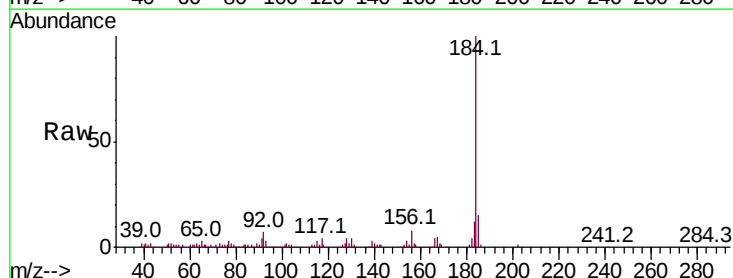
RT: 12.53 min Scan# 1776

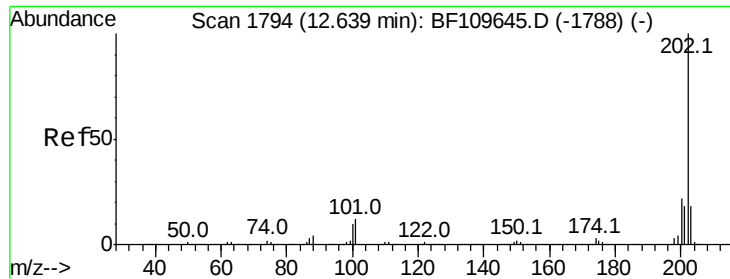
Delta R.T. -0.01 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	282677		
185	15.3		13.4	20.2
183	11.7		9.4	14.2





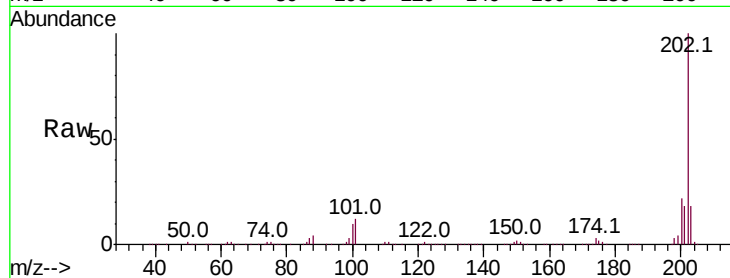
#77
Pvrene
Concen: 44.914 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.8	14.2	21.4

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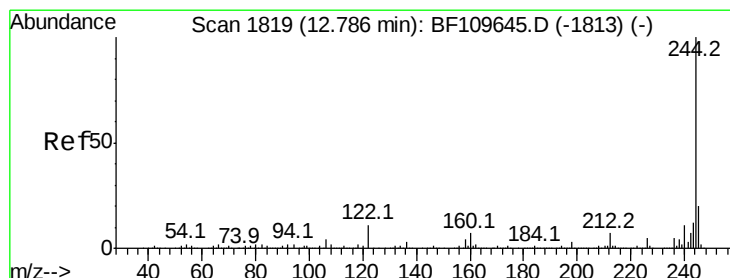
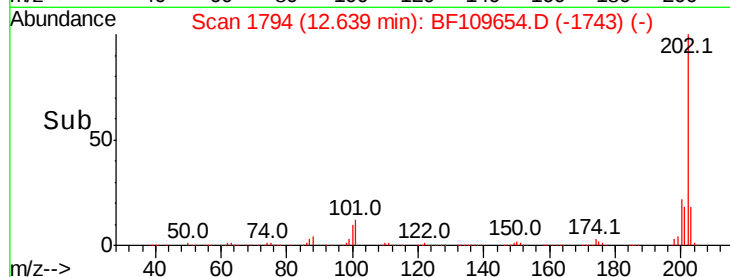
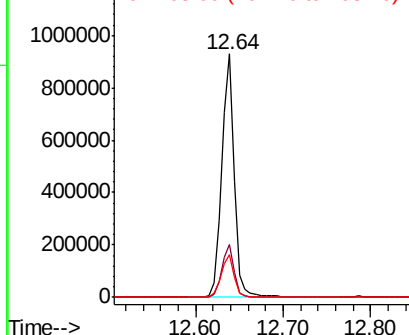


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 73.321 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

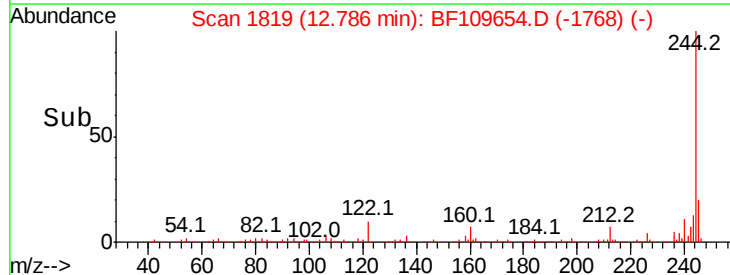
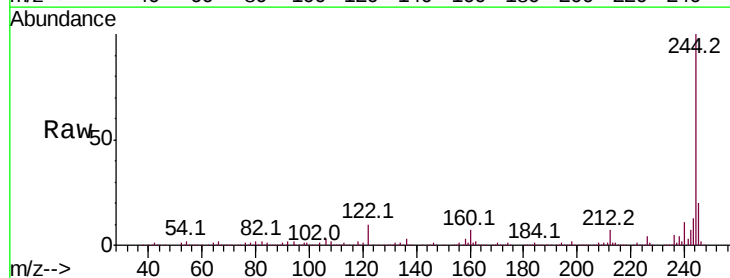
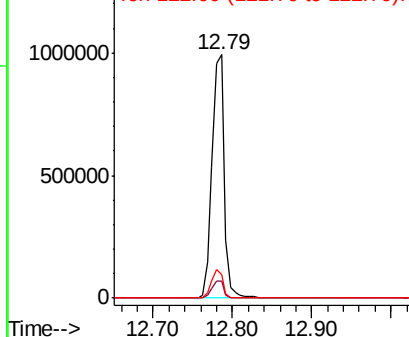
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.8	8.7	13.1

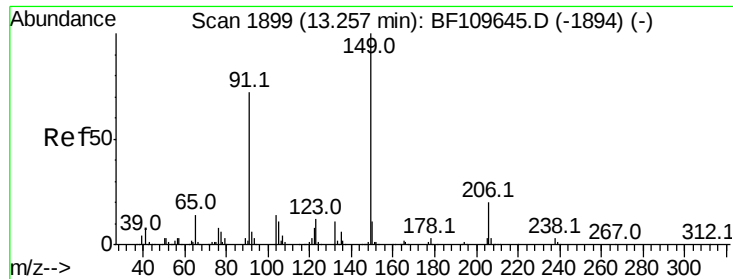
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





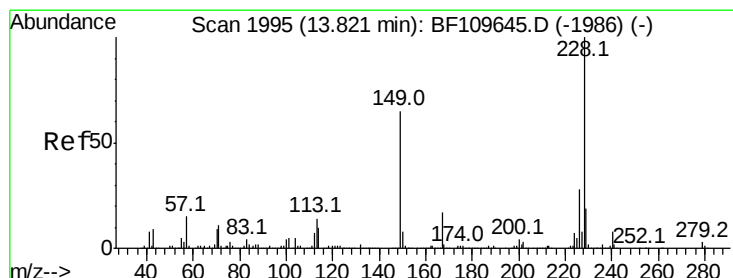
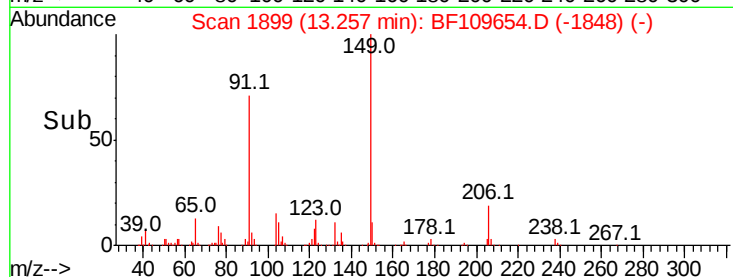
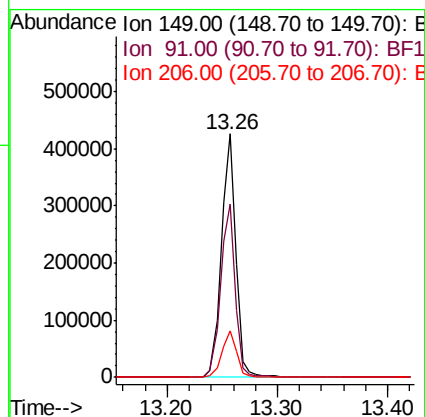
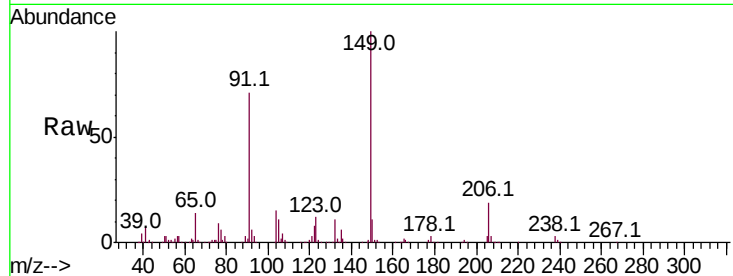
#79
Butylbenzylphthalate
Concen: 43.670 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	389254		
91	71.1	57.2	85.8	
206	19.1	15.7	23.5	

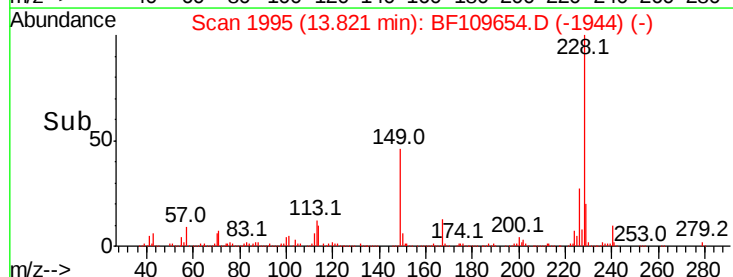
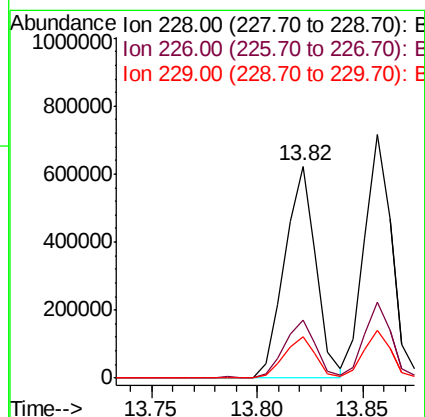
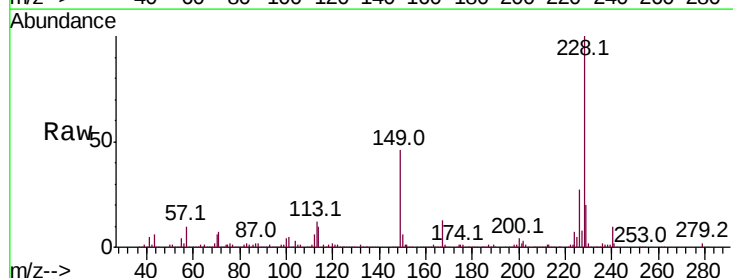
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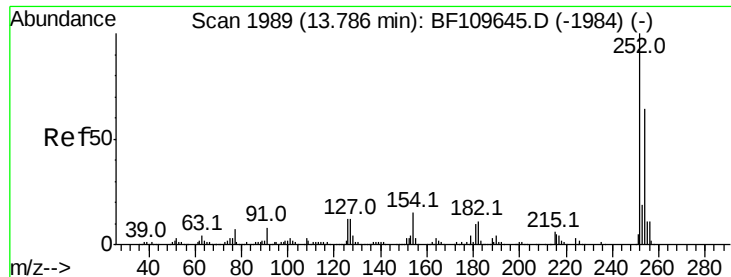
Sohil
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#80
Benzo(a)anthracene
Concen: 41.599 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	644172		
226	27.4	22.1	33.1	
229	19.7	15.6	23.4	





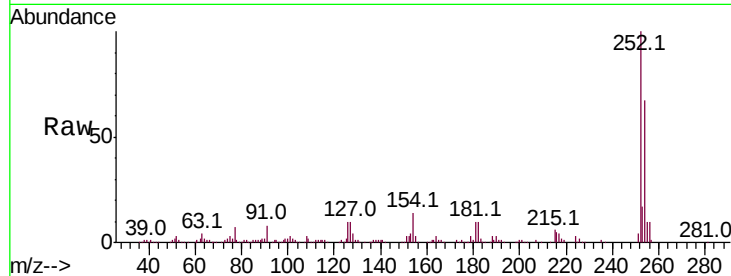
#81
 3,3'-Dichlorobenzidine
 Concen: 29.018 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	180936		
254	66.7	51.3	76.9	
126	10.3	9.4	14.2	

Manual Integrations
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 10/9/2018 2:57:27 PM

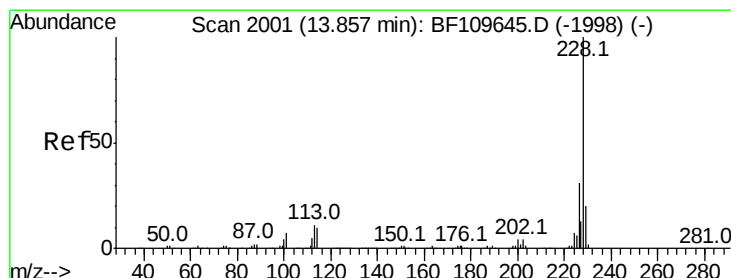
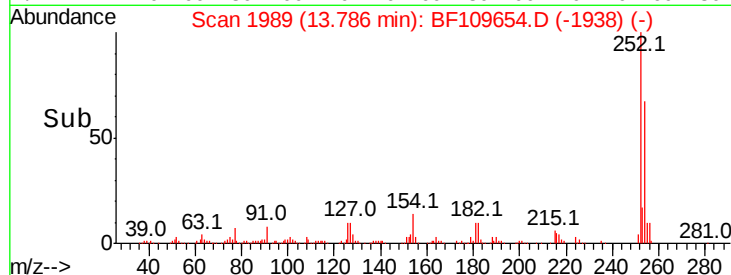
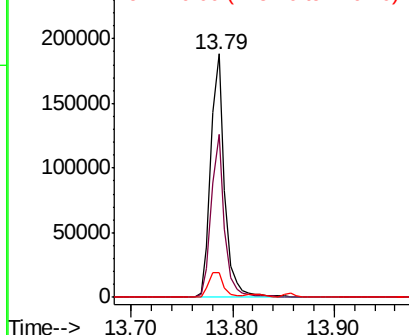


Abundance

Ion 252.00 (251.70 to 252.70): E

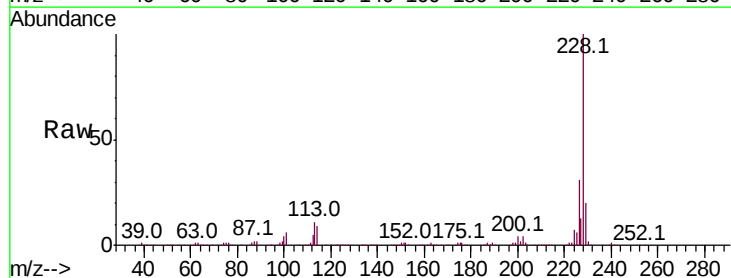
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.920 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	665582		
226	30.9	24.7	37.1	
229	19.7	15.9	23.9	

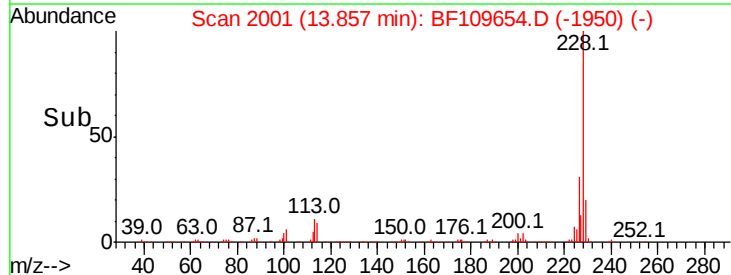
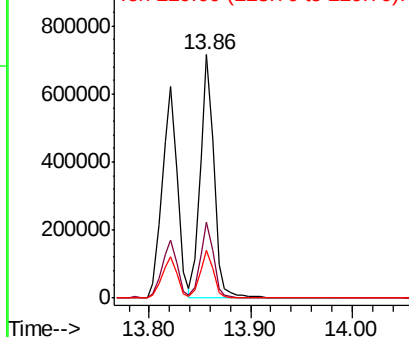


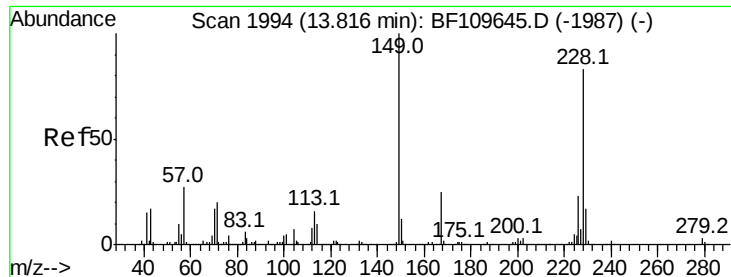
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





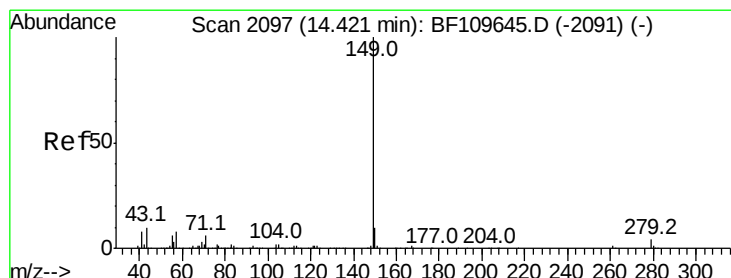
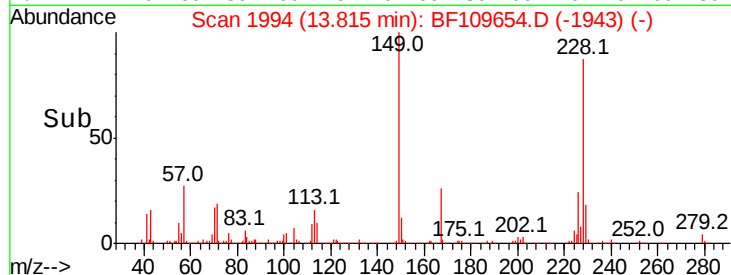
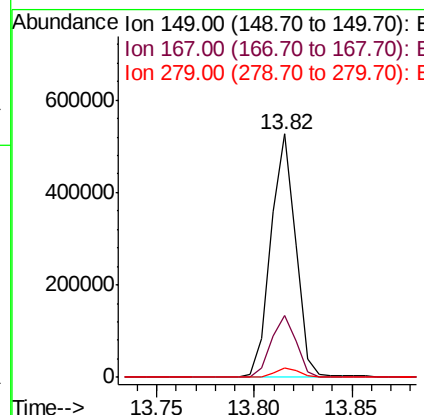
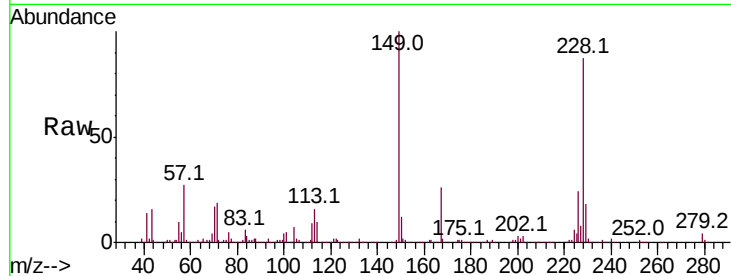
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.698 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	464342		
167	25.5	19.8	29.8	
279	3.8	2.7	4.1	

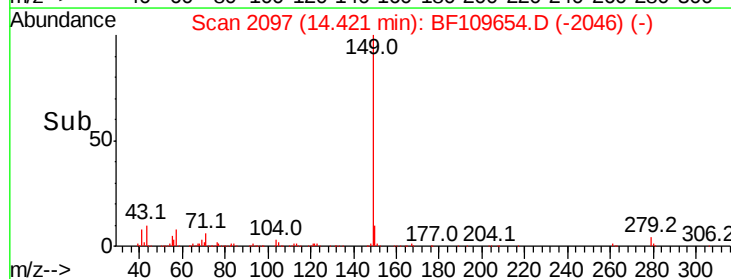
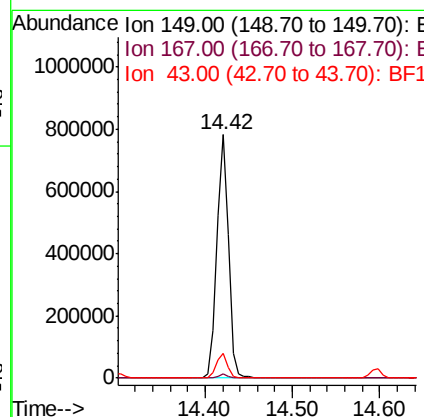
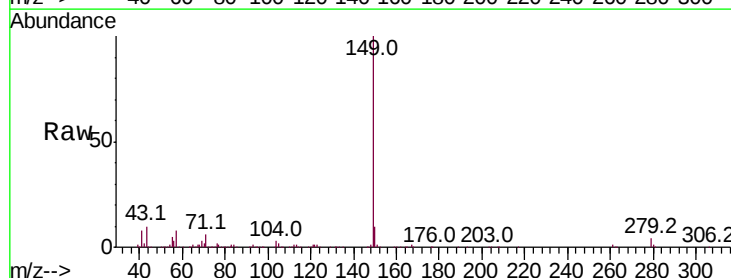
Manual Integrations
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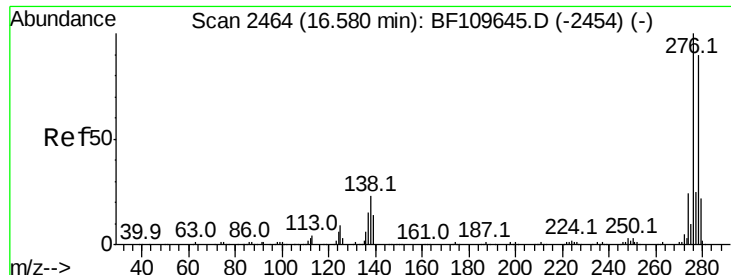
Sohil
 10/9/2018 2:57:27 PM



#84
 Di-n-octyl phthalate
 Concen: 42.356 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	728072		
167	1.5	1.1	1.7	
43	9.6	7.8	11.8	





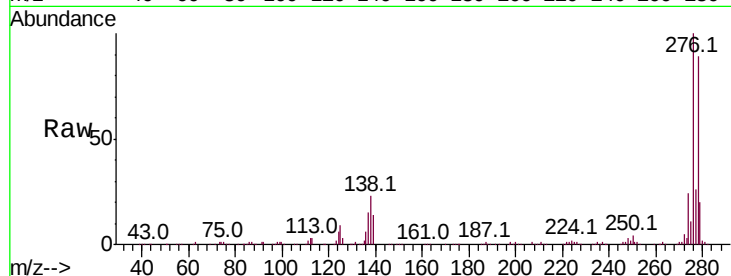
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.294 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

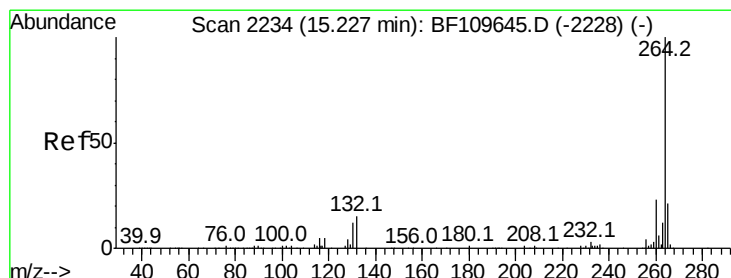
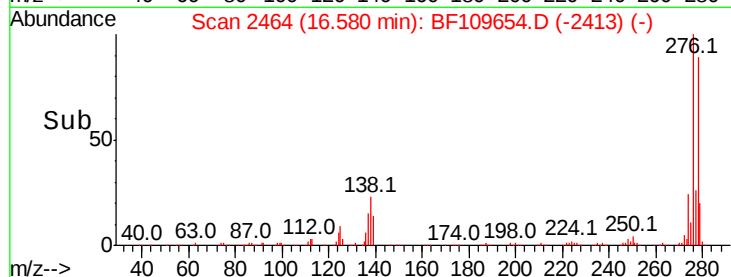
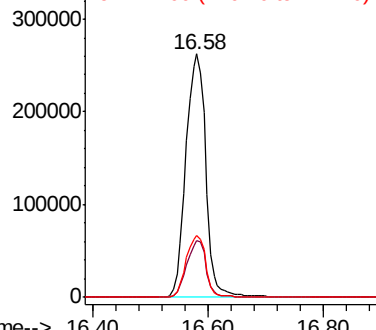
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	25.2	20.0	30.0

Manual Integrations
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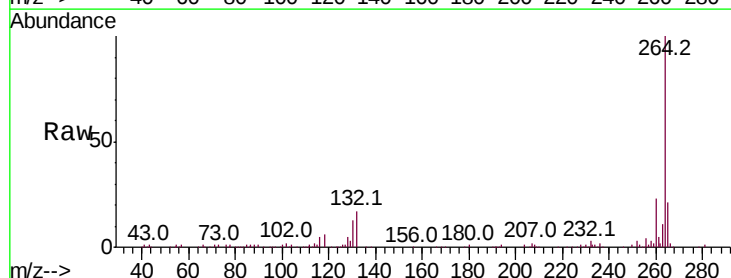


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

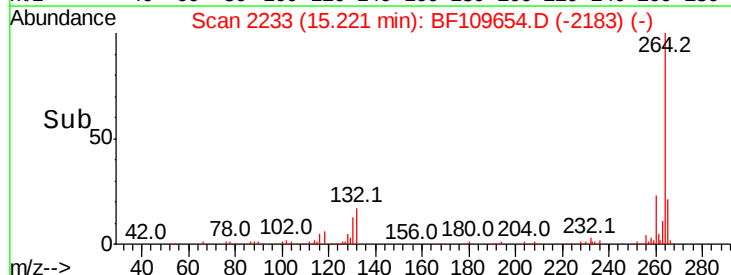
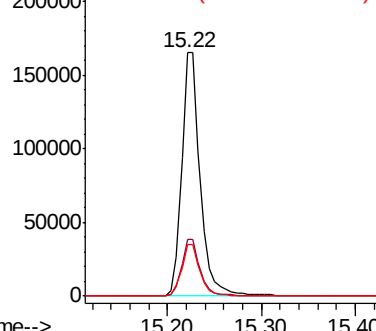


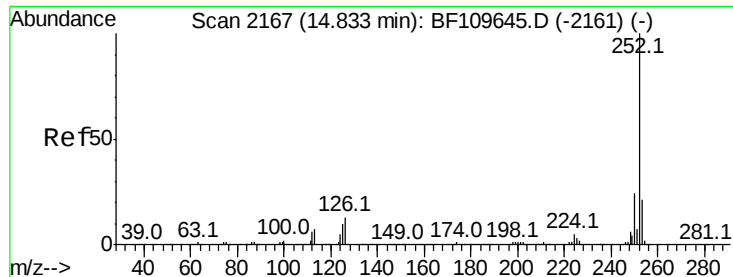
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.662 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Instrument :

BNA_F

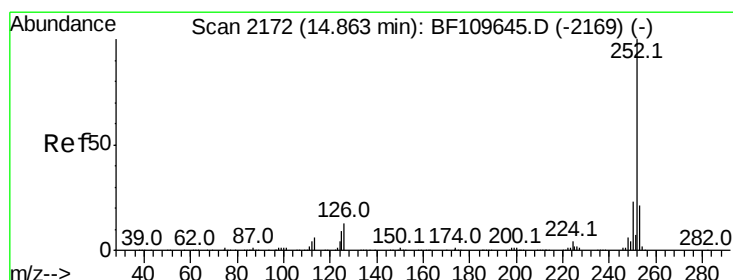
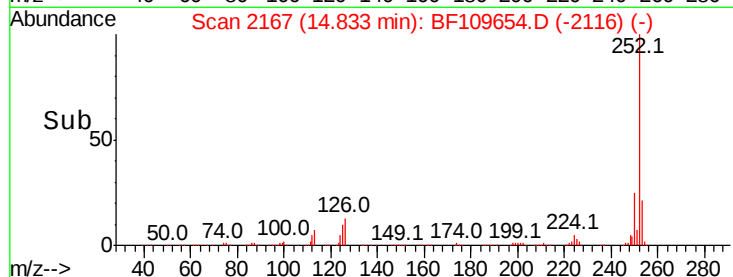
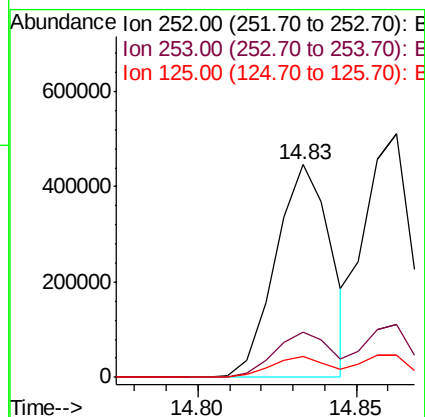
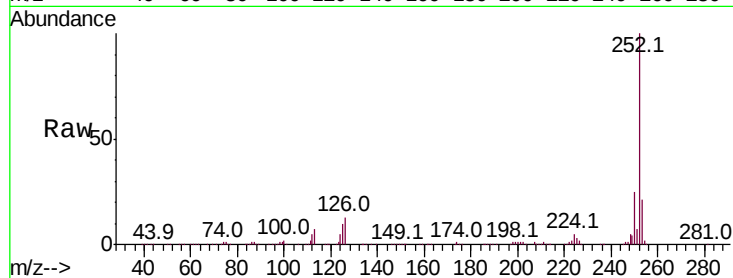
ClientSampleId :

PB113588BS

Tot Ion:	252	Resp:	541419
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	9.7	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 43.937 ng

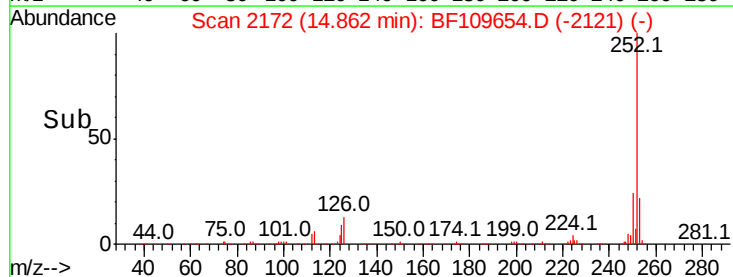
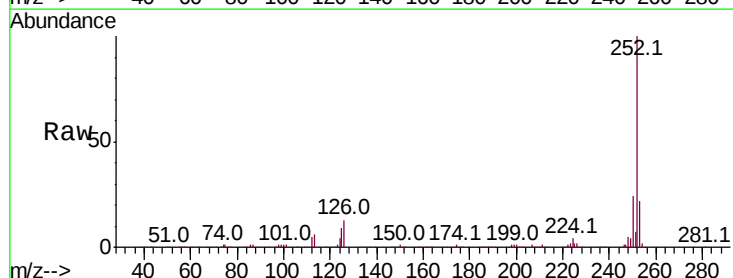
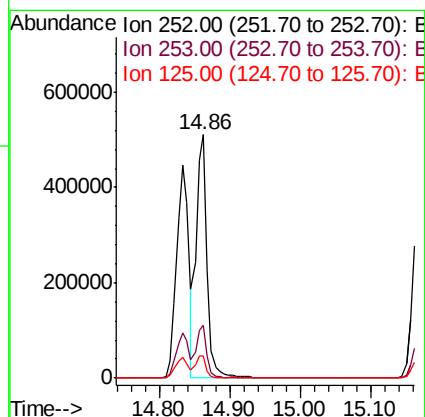
RT: 14.86 min Scan# 2172

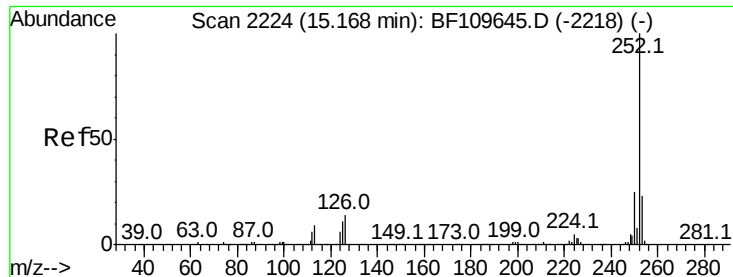
Delta R.T. -0.00 min

Lab File: BF109654.D

Acq: 8 Oct 2018 18:13

Tgt Ion:	252	Resp:	560254
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	8.9	7.4	11.0





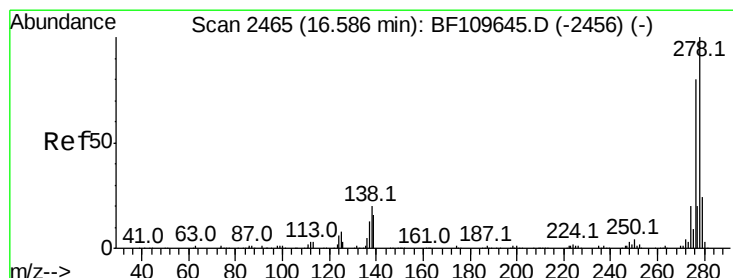
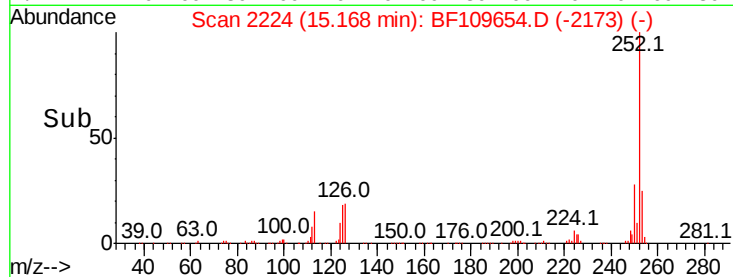
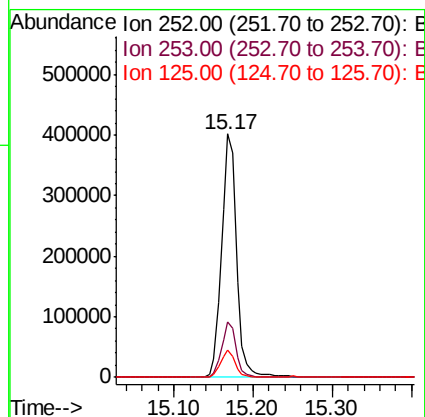
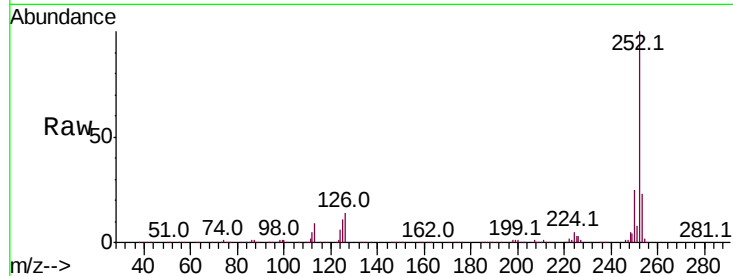
#89
Benzo(a)pyrene
Concen: 45.701 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Instrument :
BNA_F
ClientSampleId :
PB113588BS

Tot Ion:	252	Resp:	526331
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	11.4	9.0	13.6

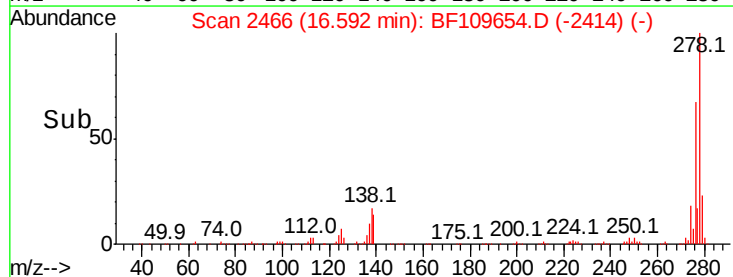
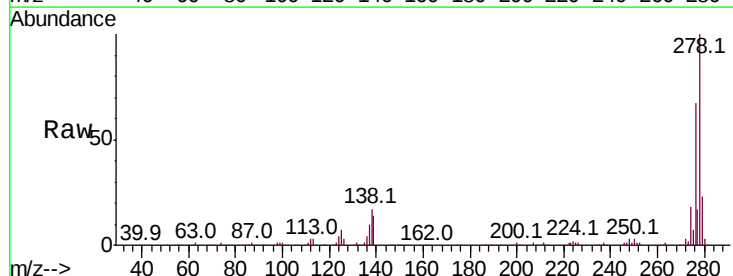
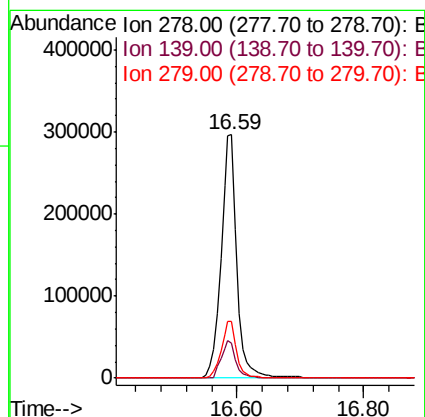
Manual Integrations
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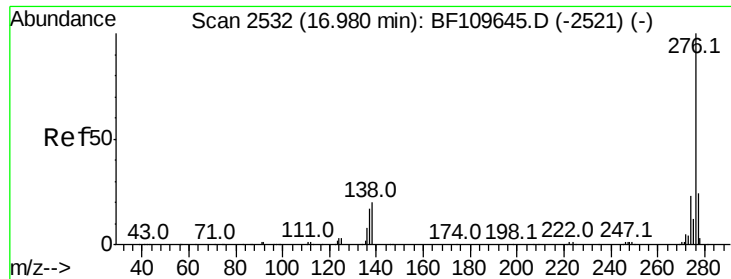
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#90
Dibenzo(a,h)anthracene
Concen: 55.458 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109654.D
Acq: 8 Oct 2018 18:13

Tgt Ion:	278	Resp:	524545
Ion Ratio	Lower	Upper	
278	100		
139	14.2	12.7	19.1
279	23.4	19.0	28.4





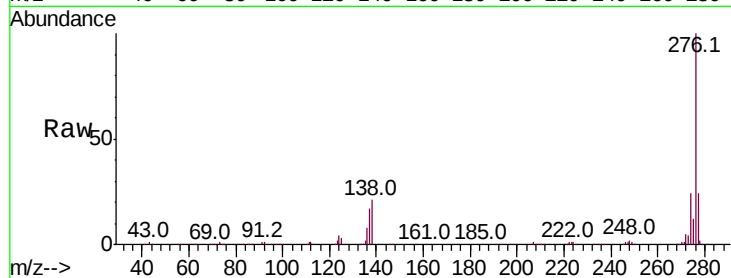
#91
 Benzo(a,h,i)perylene
 Concen: 58.329 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BF109654.D
 Acq: 8 Oct 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB113588BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.7	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

