

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110045.D
 Acq On : 22 Oct 2018 13:22
 Operator : JU/SJ
 Sample : PB114048BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:37 PM

Quant Time: Oct 23 02:37:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241135	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	1008855	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	488745	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	913672	20.00	ng	0.00
76) Chrysene-d12	14.16	240	638310	20.00	ng	0.00
87) Perylene-d12	15.67	264	484403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1794931	117.99	ng	0.01
7) Phenol-d6	6.60	99	2267494	120.04	ng	0.00
23) Nitrobenzene-d5	7.54	82	1309043	87.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	552403	130.55	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2337929	76.33	ng	0.00
79) Terphenyl-d14	13.09	244	1893797	62.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	212895	24.640	ng	90
3) Pyridine	3.70	79	575791	29.892	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	334481	42.567	ng	95
6) Aniline	6.64	93	843603	33.140	ng	# 54
8) 2-Chlorophenol	6.76	128	687796	40.364	ng	98
9) Benzaldehyde	6.52	77	340154	27.710	ng	98
10) Phenol	6.62	94	862999	42.315	ng	# 66
11) bis(2-Chloroethyl)ether	6.71	93	658172	38.597	ng	95
12) 1,3-Dichlorobenzene	6.91	146	722856	38.686	ng	100
13) 1,4-Dichlorobenzene	6.99	146	736272	39.126	ng	96
14) 1,2-Dichlorobenzene	7.15	146	678220	39.139	ng	100
15) Benzyl Alcohol	7.11	79	595980	41.010	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1078186	38.522	ng	68
17) 2-Methylphenol	7.22	107	580956	42.280	ng	# 80
18) Hexachloroethane	7.48	117	275091	41.367	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	472792	38.982	ng	97
20) 3+4-Methylphenols	7.37	107	701637	40.240	ng	96
22) Acetophenone	7.38	105	955803	40.853	ng	96
24) Nitrobenzene	7.56	77	717287	44.089	ng	94
25) Isophorone	7.79	82	1343827	45.667	ng	96
26) 2-Nitrophenol	7.87	139	350549	51.967	ng	96
27) 2,4-Dimethylphenol	7.90	122	653036	46.073	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	824155	40.809	ng	99
29) 2,4-Dichlorophenol	8.11	162	581710	42.306	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	628113	40.798	ng	95
31) Naphthalene	8.28	128	1964962	42.474	ng	99
32) Benzoic acid	8.03	122	410169	46.445	ng	90
33) 4-Chloroaniline	8.32	127	540162	25.974	ng	99
34) Hexachlorobutadiene	8.39	225	334921	39.451	ng	100
35) Caprolactam	8.70	113	215512m	44.133	ng	
36) 4-Chloro-3-methylphenol	8.80	107	628103	43.301	ng	96
37) 2-Methylnaphthalene	8.97	142	1364448	45.548	ng	99
38) 1-Methylnaphthalene	9.07	142	1272875	43.850	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	570256	37.881	ng	98

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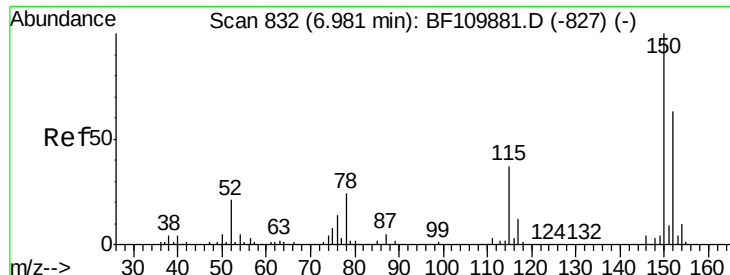
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	684261	94.175	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	399930	42.487	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	422679	43.265	nq	95
46) 1,1'-Biphenyl	9.43	154	1628254	37.392	nq	97
47) 2-Chloronaphthalene	9.46	162	1251237	39.009	nq	99
48) 2-Nitroaniline	9.56	65	399677	48.555	nq	95
49) Acenaphthylene	9.88	152	1948052	41.807	nq	97
50) Dimethylphthalate	9.73	163	1433806	41.430	nq	99
51) 2,6-Dinitrotoluene	9.80	165	323525	49.219	nq	97
52) Acenaphthene	10.05	154	1207011	40.687	nq	99
53) 3-Nitroaniline	9.97	138	269572	33.714	nq	95
54) 2,4-Dinitrophenol	10.08	184	266437	121.979	nq	84
55) Dibenzofuran	10.23	168	1687605	39.889	nq	98
56) 4-Nitrophenol	10.13	139	577299	94.623	nq	93
57) 2,4-Dinitrotoluene	10.20	165	434745	51.942	nq	92
58) Fluorene	10.57	166	1323245	42.965	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	354847	45.830	nq	96
60) Diethylphthalate	10.43	149	1378459	40.328	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	615422	38.361	nq	97
62) 4-Nitroaniline	10.59	138	371106	49.030	nq	94
63) Azobenzene	10.72	77	1379554	38.634	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	170315	50.885	nq	98
66) n-Nitrosodiphenylamine	10.67	169	1189283	39.082	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	378756	38.251	nq	# 89
68) Hexachlorobenzene	11.12	284	404730	38.330	nq	96
69) Atrazine	11.20	200	403662	42.466	nq	98
70) Pentachlorophenol	11.31	266	435671	72.501	nq	96
71) Phenanthrene	11.53	178	1937161	40.954	nq	98
72) Anthracene	11.59	178	1996106	41.975	nq	99
73) Carbazole	11.74	167	1781419	38.116	nq	98
74) Di-n-butylphthalate	12.06	149	2042500	39.159	nq	99
75) Fluoranthene	12.72	202	1984790	42.003	nq	97
77) Benzidine	12.84	184	1113430	45.495	nq	97
78) Pyrene	12.96	202	1981662	42.269	nq	99
80) Butylbenzylphthalate	13.56	149	865143	45.645	nq	94
81) Benzo(a)anthracene	14.14	228	1635678	43.504	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	360778	27.371	nq	99
83) Chrysene	14.18	228	1490645	41.653	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	1119404	44.884	nq	96
85) Di-n-octyl phthalate	14.73	149	1665178	47.358	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1252835	43.479	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	1264062	45.263	nq	97
89) Benzo(k)fluoranthene	15.25	252	1227979	44.611	nq	# 96
90) Benzo(a)pyrene	15.61	252	1182618	46.043	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	1032831	45.374	nq	98
92) Benzo(g,h,i)perylene	17.72	276	1052872	45.780	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

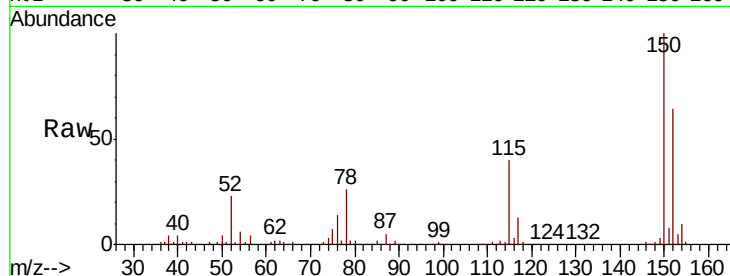
ClientSampleID :

PB114048BS

Tot Ion:	152	Resp:	241135
Ion Ratio	Lower	Upper	
152	100		
150	156.6	122.7	184.1
115	62.7	49.1	73.7

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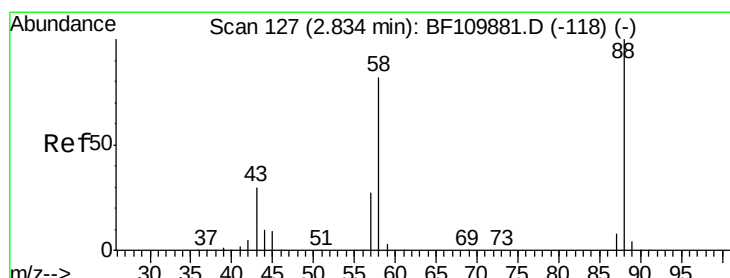
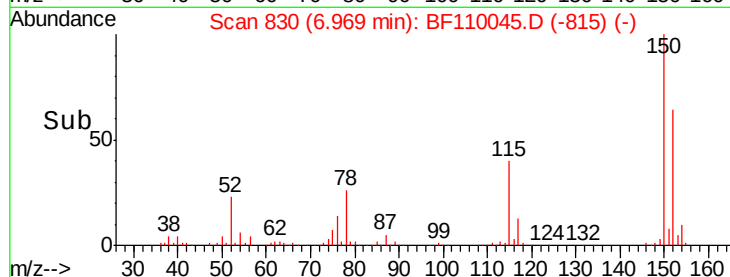
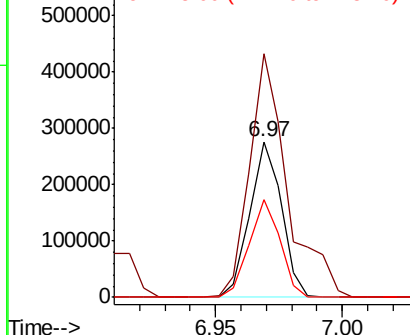


Abundance

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: 24.640 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.11 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

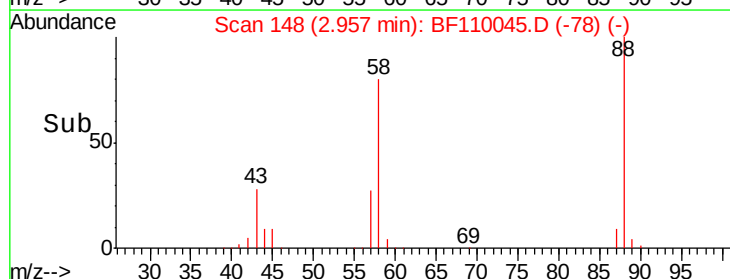
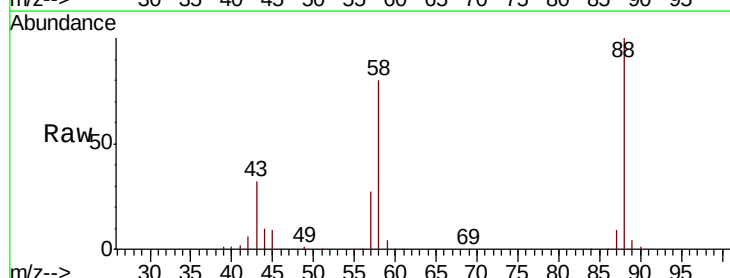
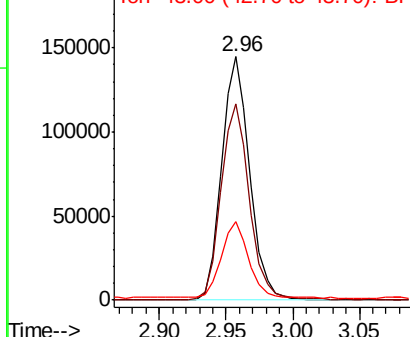
Tgt Ion:	88	Resp:	212895
Ion Ratio	Lower	Upper	
88	100		
58	82.5	57.1	85.7
43	31.0	24.1	36.1

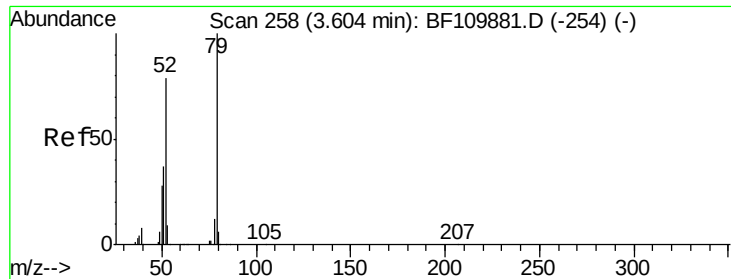
Abundance

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: 29.892 ng

RT: 3.70 min Scan# 275

Delta R.T. 0.09 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

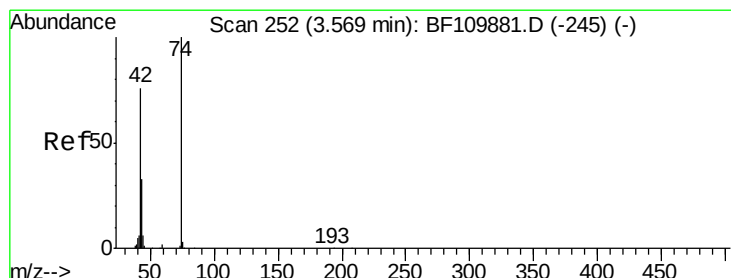
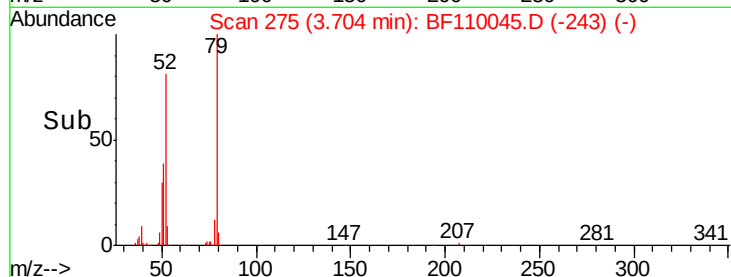
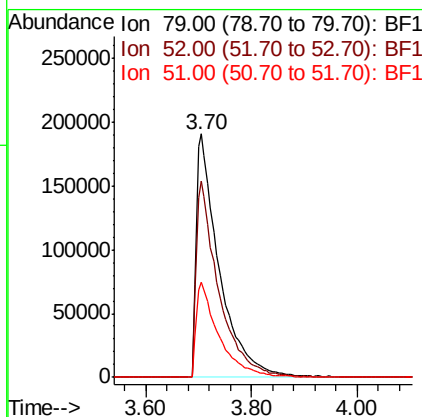
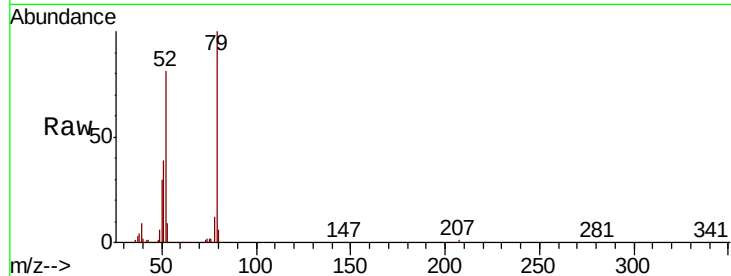
ClientSampled :

PB114048BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.6	53.1	79.7#
51	39.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 42.567 ng

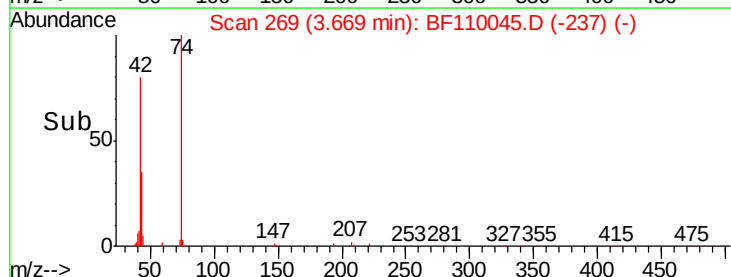
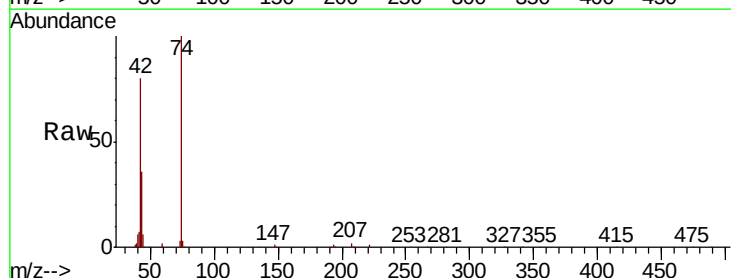
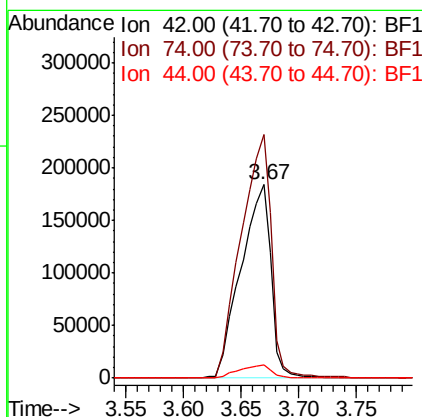
RT: 3.67 min Scan# 269

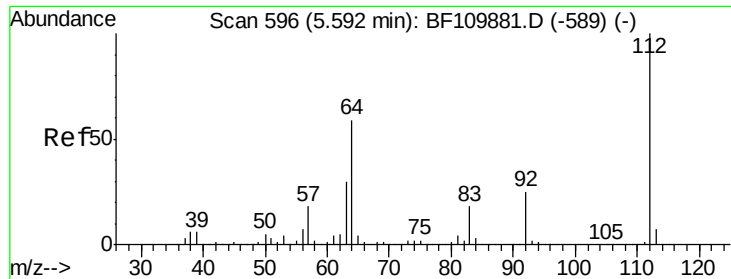
Delta R.T. 0.09 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.7	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 117.992 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

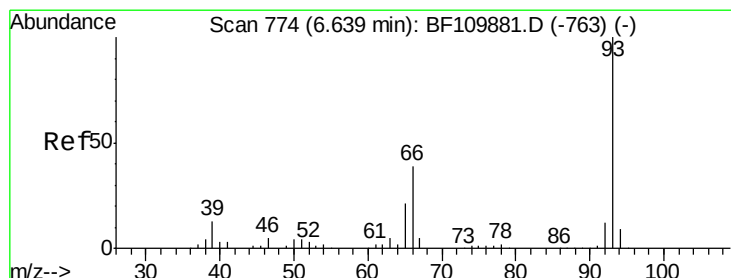
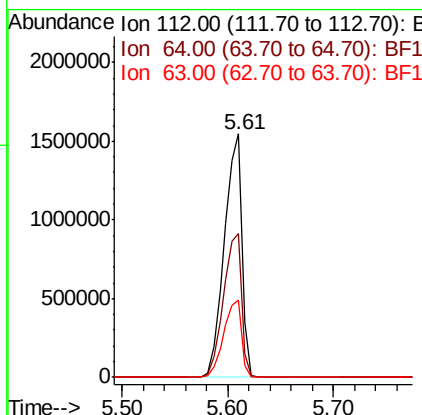
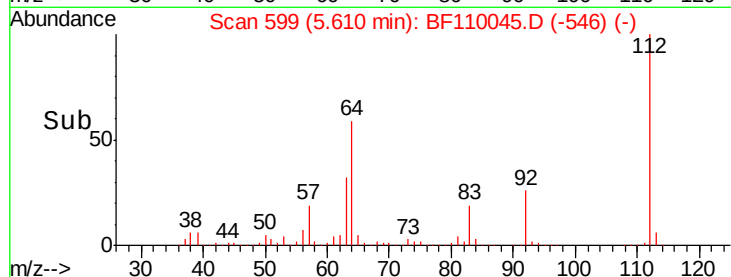
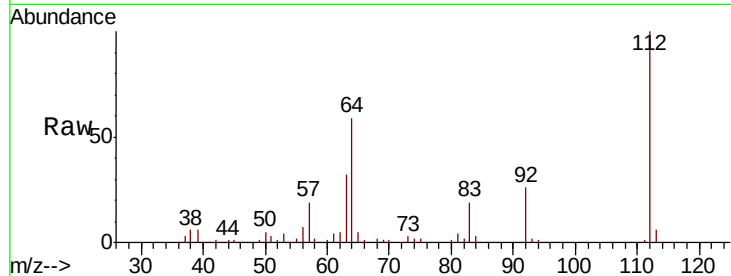
ClientSampleId :

PB114048BS

Tot Ion:	112	Resp:	1794931
Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.9	23.7	35.5

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#6

Aniline

Concen: 33.140 ng

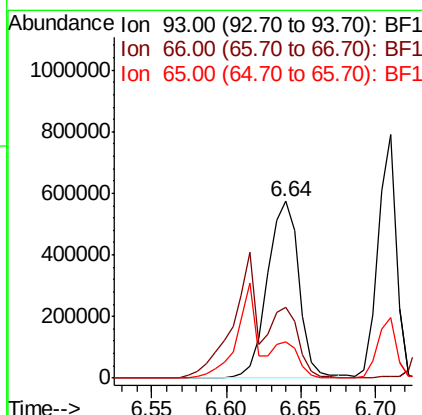
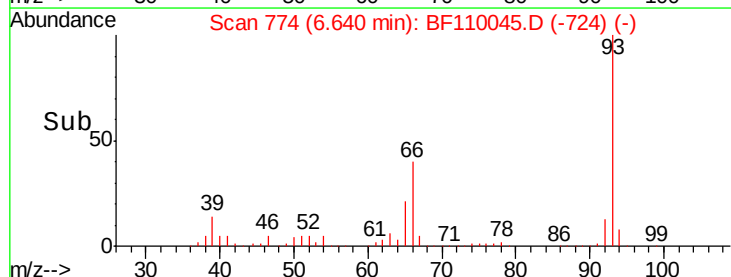
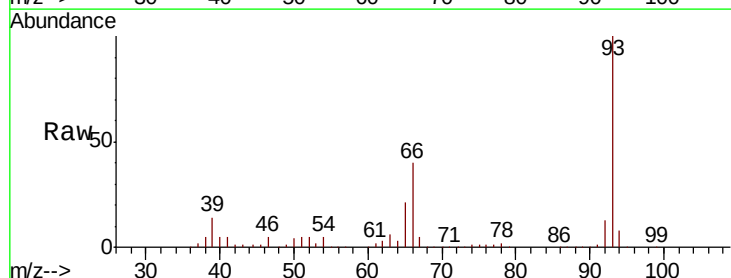
RT: 6.64 min Scan# 774

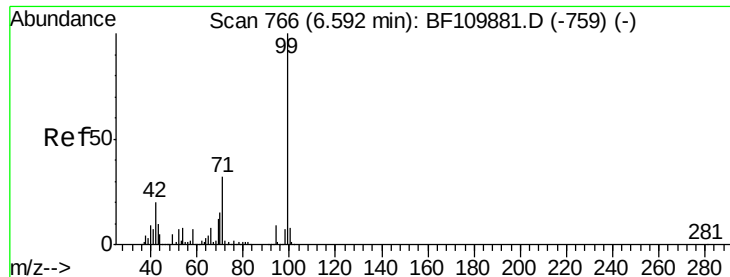
Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Tgt Ion:	93	Resp:	843603
Ion	Ratio	Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	20.7	41.0	61.4#





#7

Phenol-d6

Concen: 120.039 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion: 99 Resp: 2267494

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

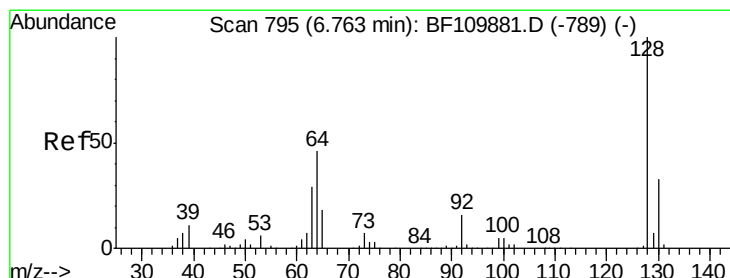
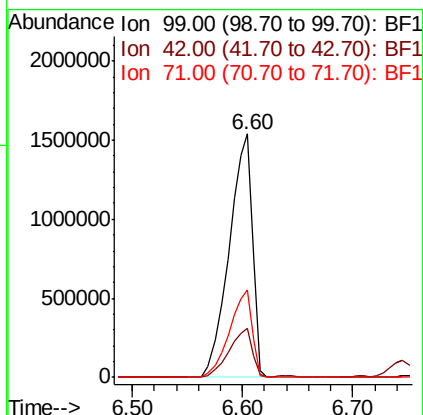
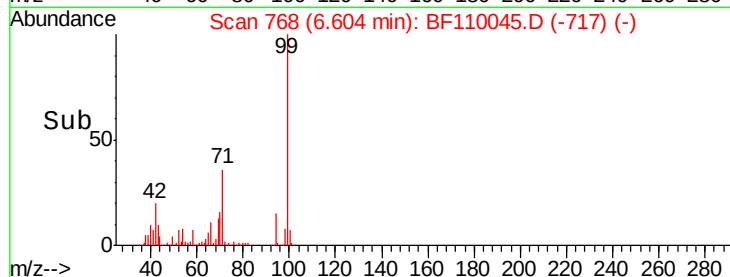
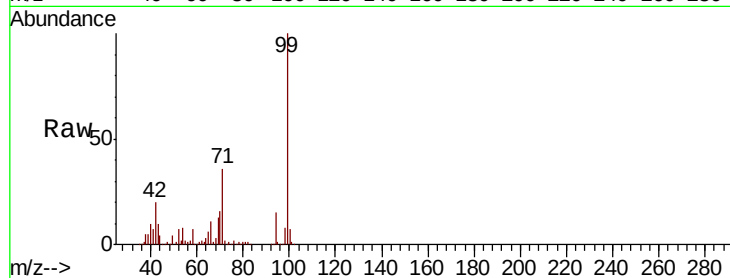
71 35.8 28.0 42.0

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#8

2-Chlorophenol

Concen: 40.364 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

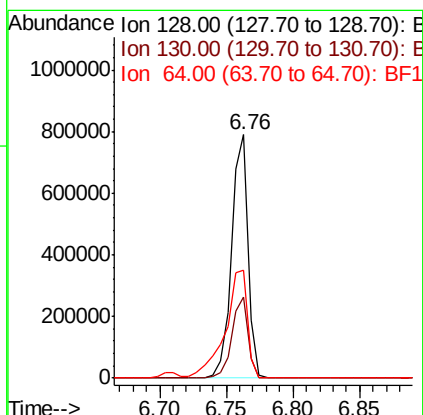
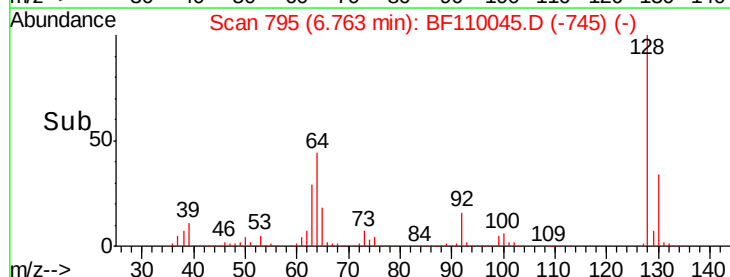
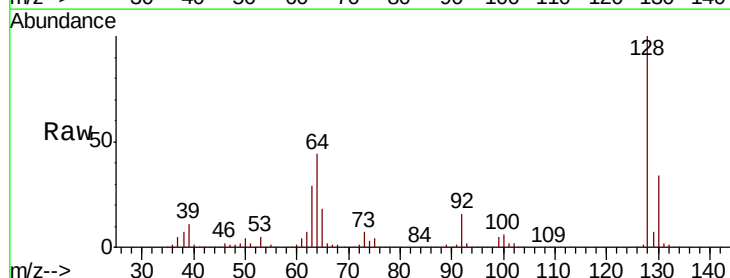
Tgt Ion: 128 Resp: 687796

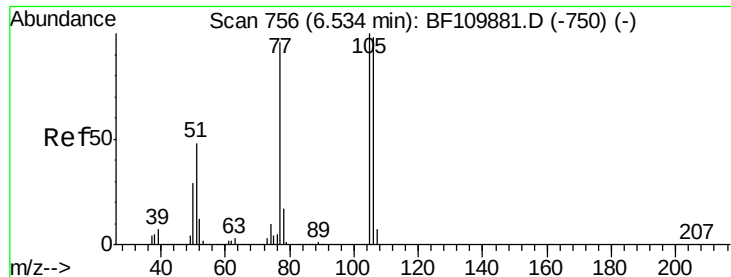
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

64 44.2 26.0 66.0





#9

Benzaldehyde

Concen: 27.710 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

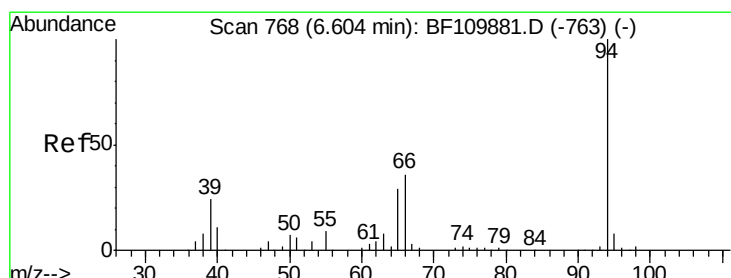
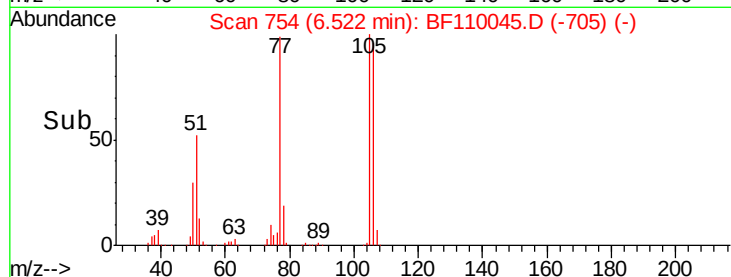
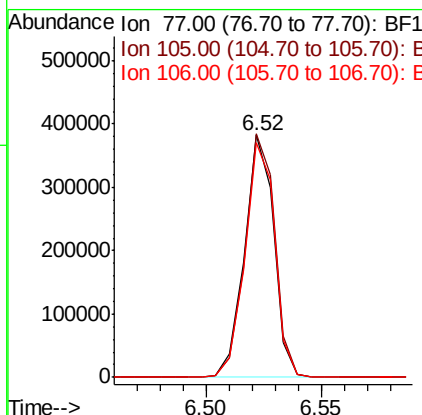
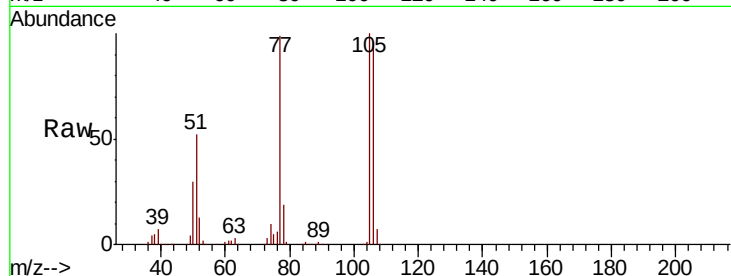
ClientSampleID :

PB114048BS

Tot Ion:	77	Resp:	340154
Ion	Ratio	Lower	Upper
77	100		
105	100.7	78.6	118.6
106	97.1	74.8	114.8

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#10

Phenol

Concen: 42.315 ng

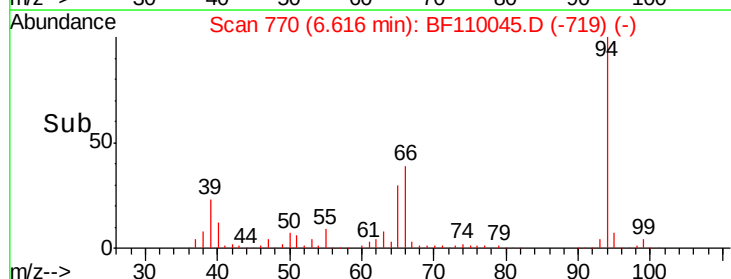
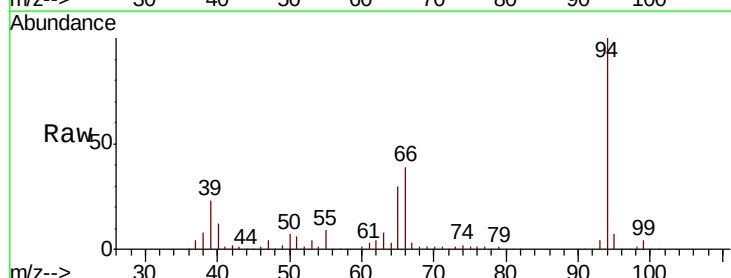
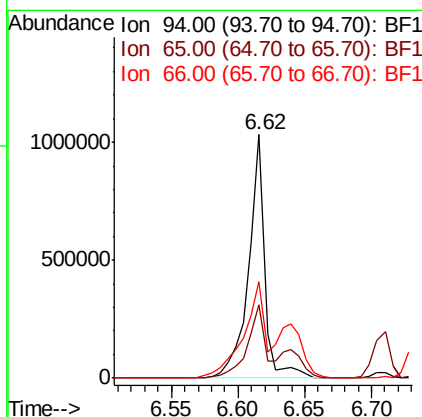
RT: 6.62 min Scan# 770

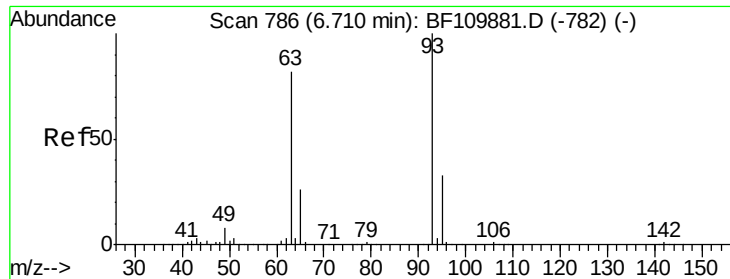
Delta R.T. -0.00 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Tgt Ion:	94	Resp:	862999
Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	39.5	54.5	94.5#





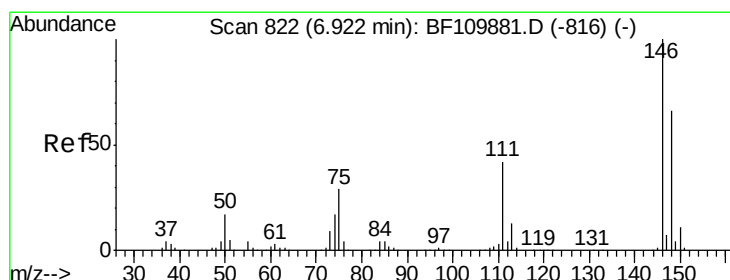
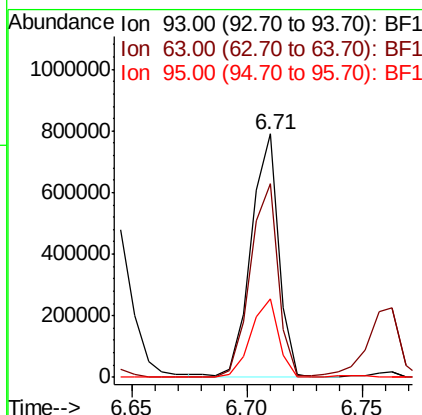
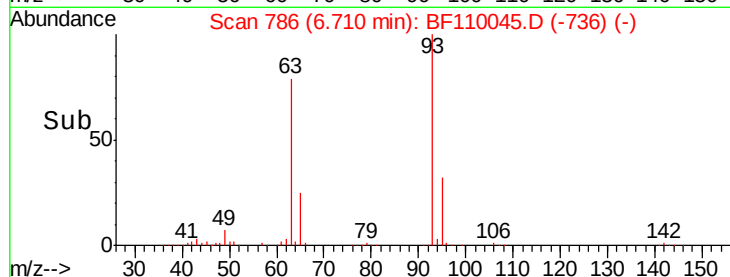
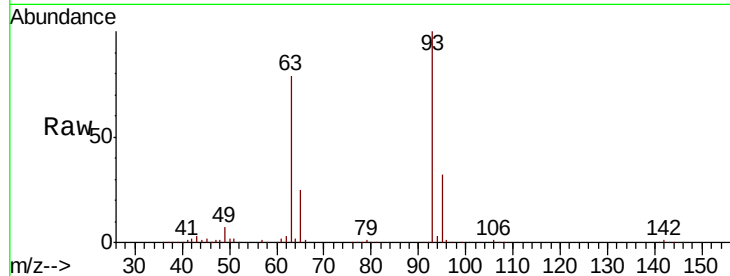
#11
bis(2-Chloroethyl)ether
Concen: 38.597 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion:	93	Resp:	658172
Ion Ratio	Lower	Upper	
93	100		
63	79.3	53.4	93.4
95	32.1	12.1	52.1

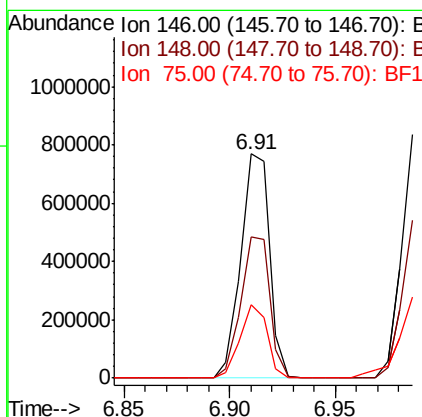
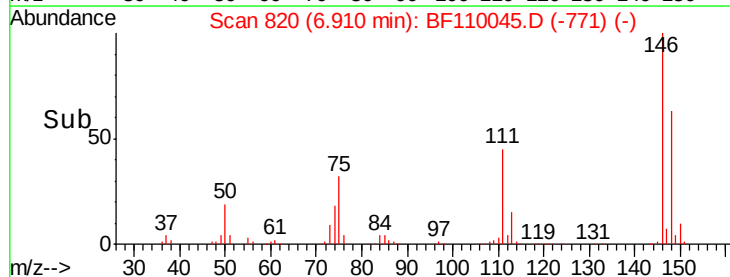
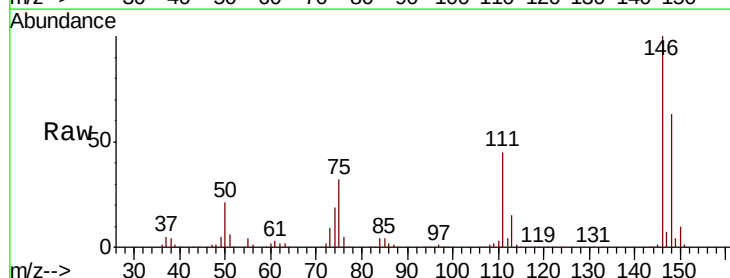
Manual Integrations
APPROVED

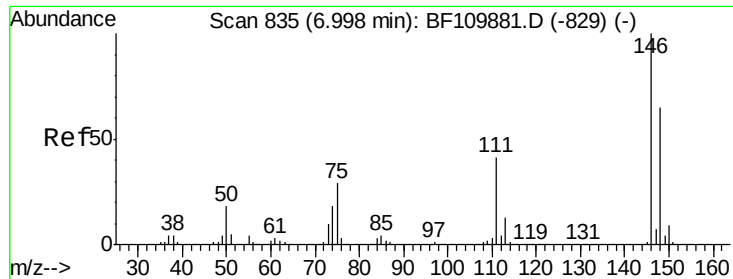
Sohil
10/23/2018 2:18:37 PM



#12
1,3-Dichlorobenzene
Concen: 38.686 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion:	146	Resp:	722856
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
75	32.5	25.8	38.6





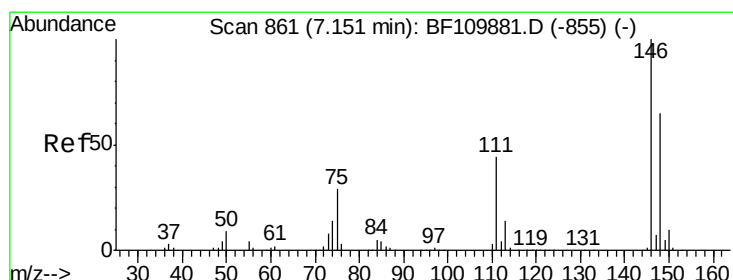
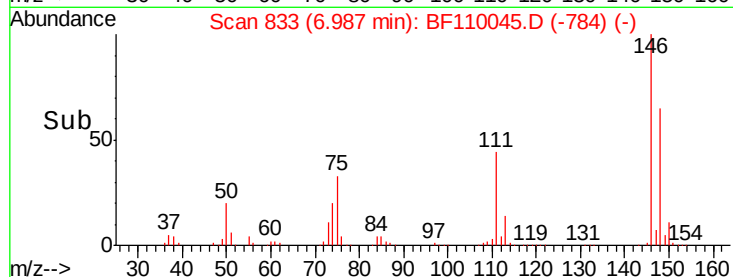
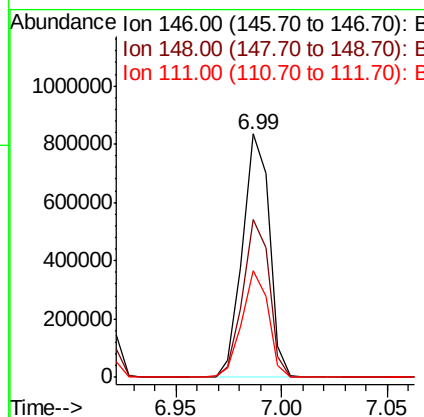
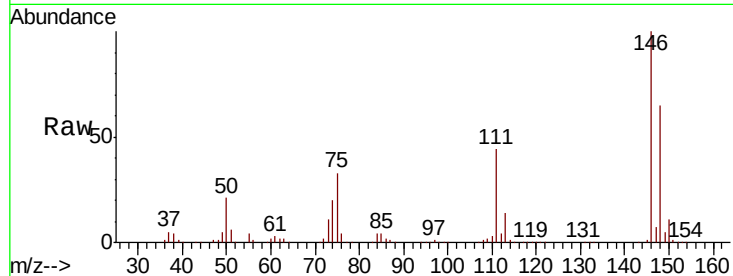
#13
1,4-Dichlorobenzene
Concen: 39.126 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.3	75.5
111	43.8	32.7	49.1

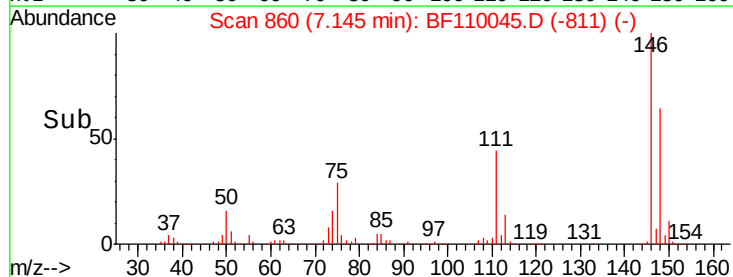
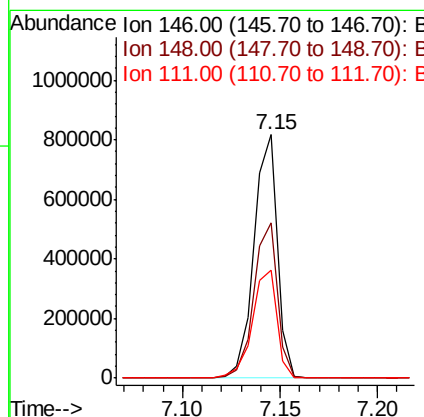
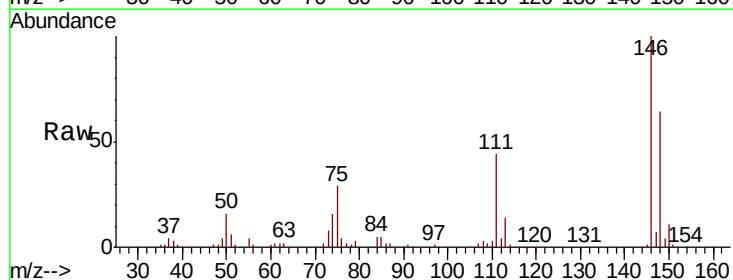
Manual Integrations
APPROVED

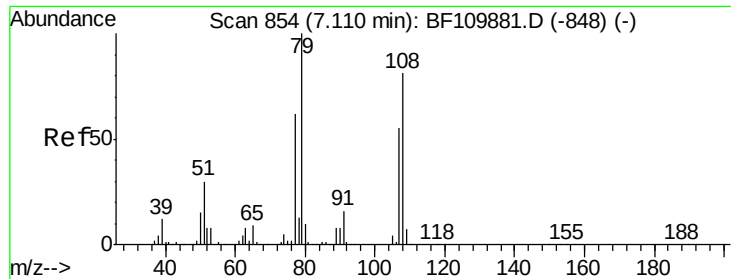
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.139 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	44.1	35.8	53.6





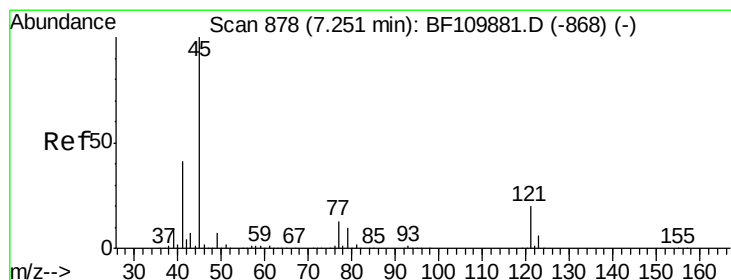
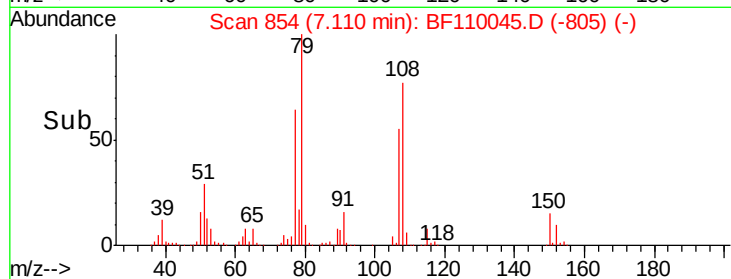
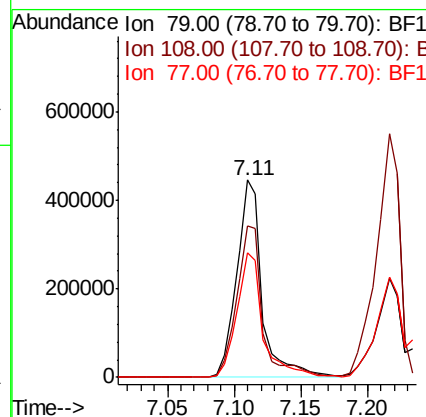
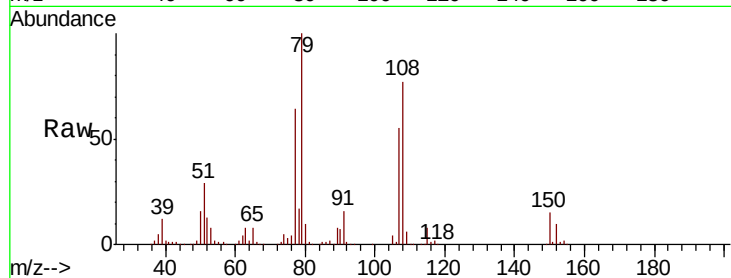
#15
Benzyl Alcohol
Concen: 41.010 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion:	79	Resp:	595980
Ion Ratio	Lower	Upper	
79	100		
108	77.1	56.3	84.5
77	63.5	52.9	79.3

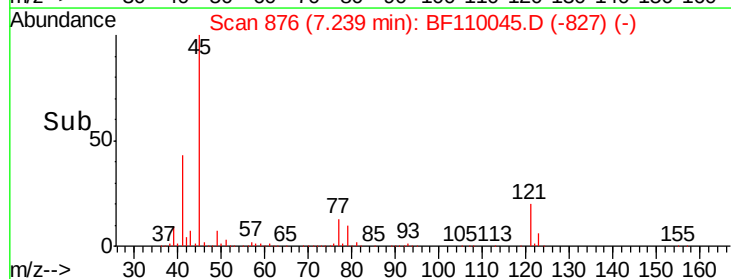
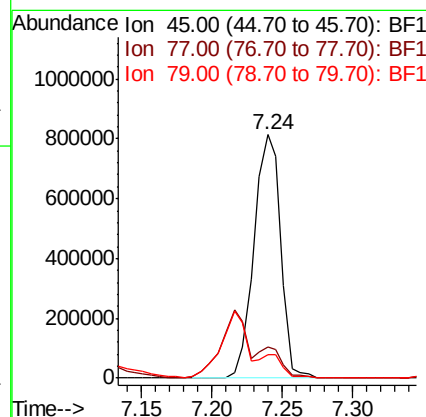
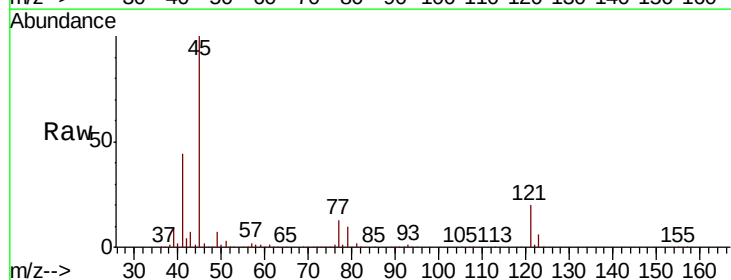
Manual Integrations
APPROVED

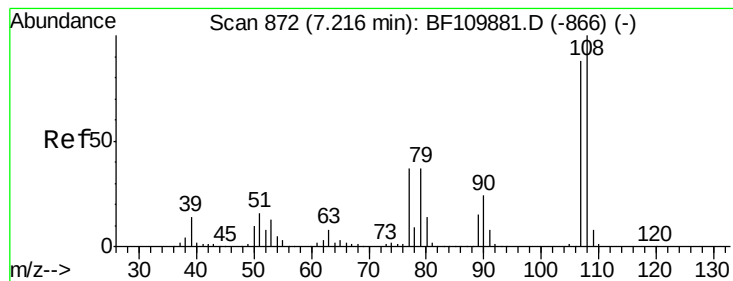
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.522 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion:	45	Resp:	1078186
Ion Ratio	Lower	Upper	
45	100		
77	13.0	10.0	50.0
79	9.7	6.1	46.1





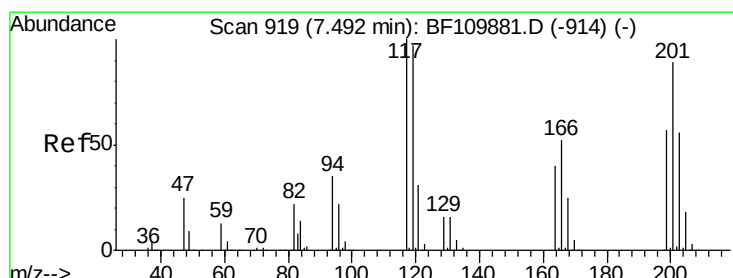
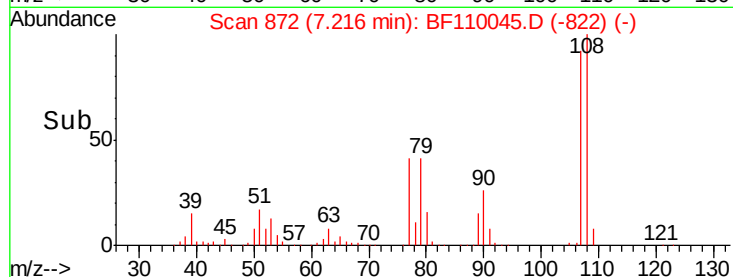
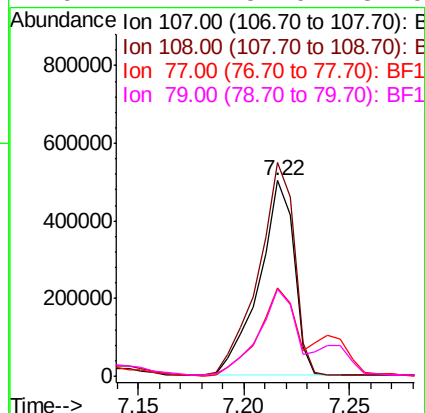
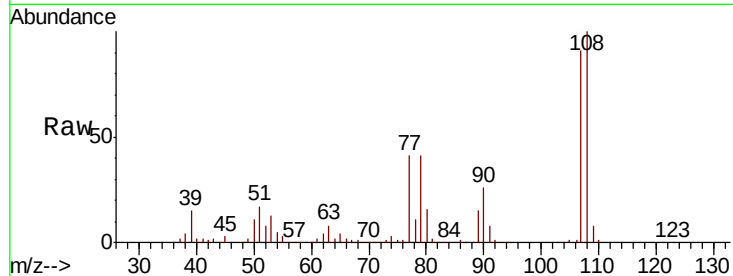
#17
2-Methylphenol
Concen: 42.280 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	580956		
108	108.00	109.3	92.6	138.8	
77	77.00	45.3	59.4	89.2	
79	79.00	44.7	54.0	81.0	

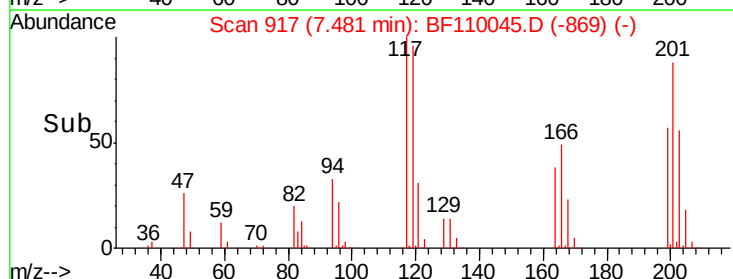
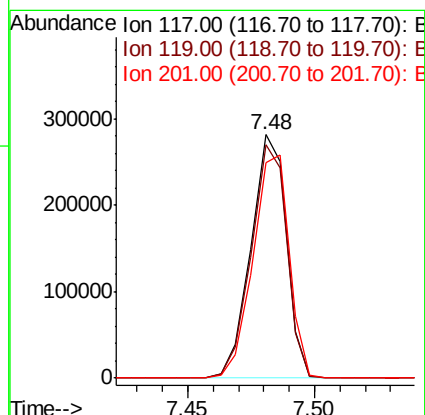
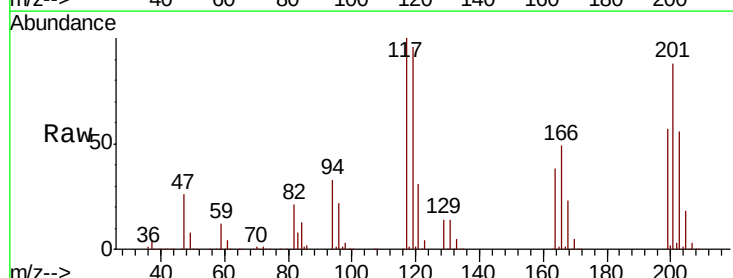
Manual Integrations
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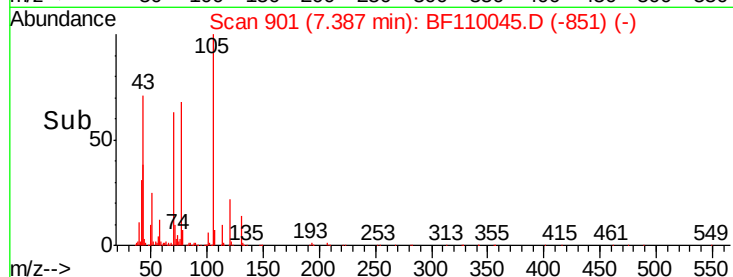
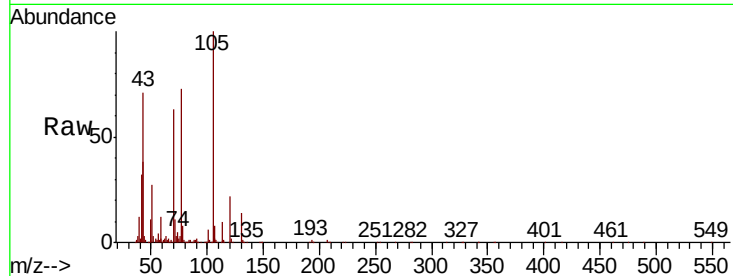
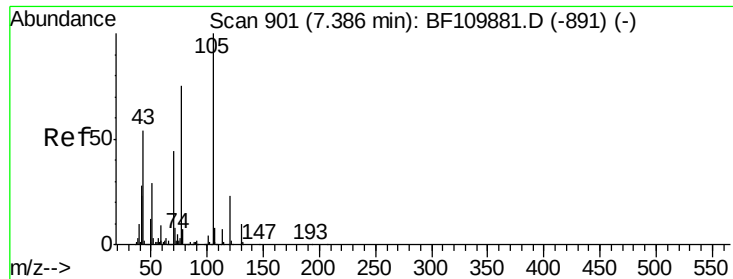
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#18
Hexachloroethane
Concen: 41.367 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	275091		
119	119.00	95.6	75.0	112.6	
201	201.00	88.3	79.2	118.8	





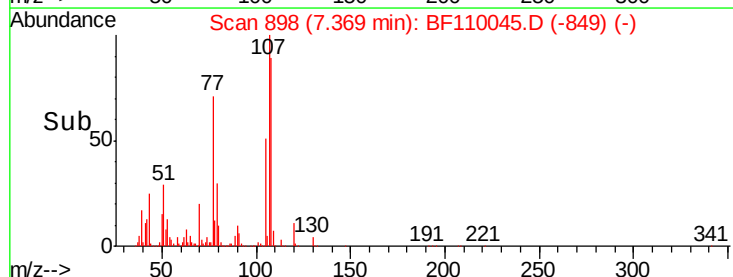
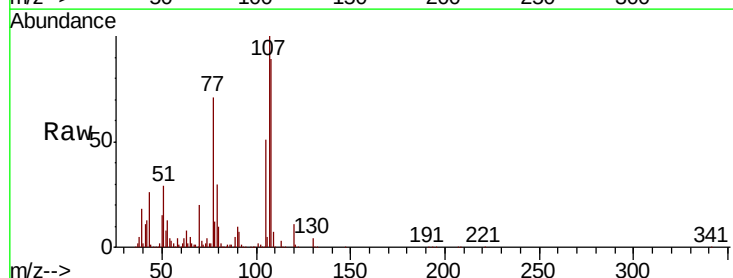
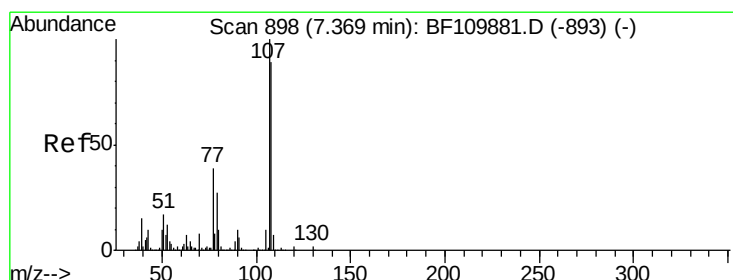
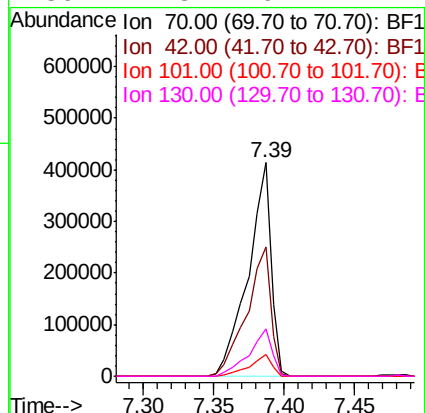
#19
n-Nitroso-di-n-propylamine
Concen: 38.982 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	47.4	71.2	
101	10.0	7.3	10.9	
130	22.3	16.2	24.2	

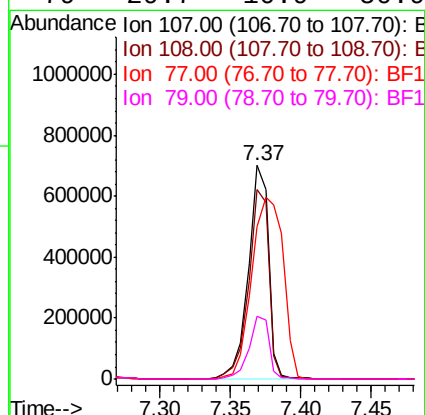
Manual Integrations
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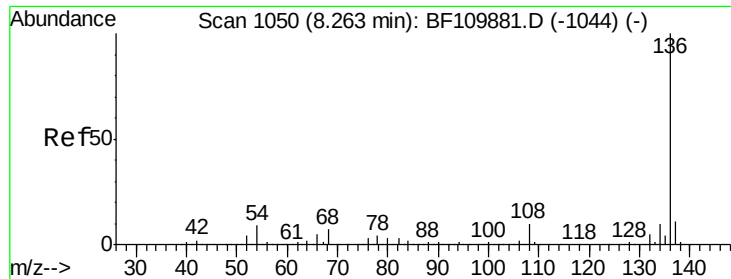
Sohil
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#20
3+4-Methylphenols
Concen: 40.240 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	71.4	111.4	
77	71.4	47.3	87.3	
79	29.7	10.9	50.9	





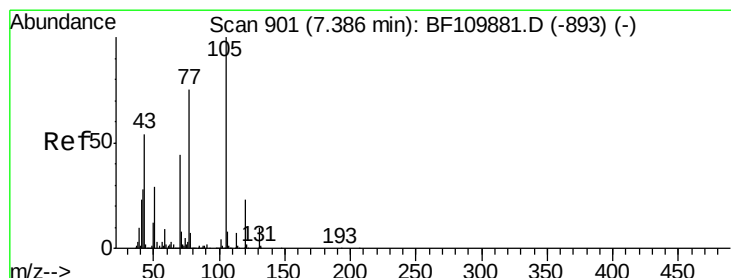
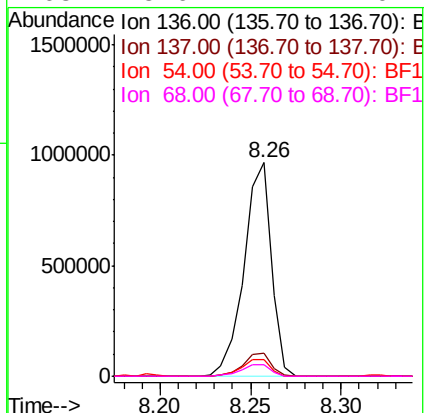
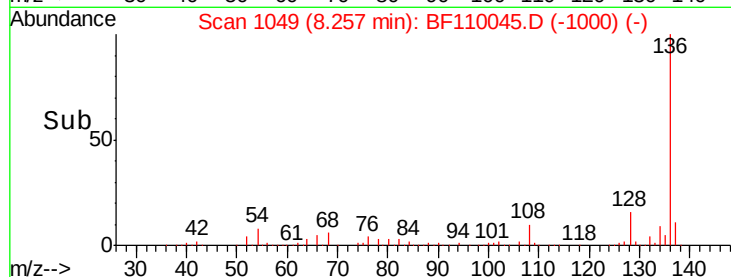
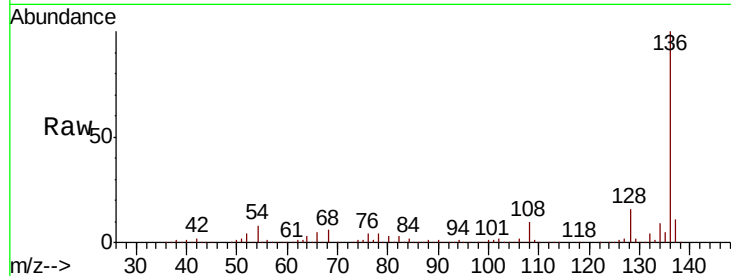
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1008855		
137	10.9	8.8	13.2		
54	8.1	5.4	8.2		
68	5.6	4.2	6.2		

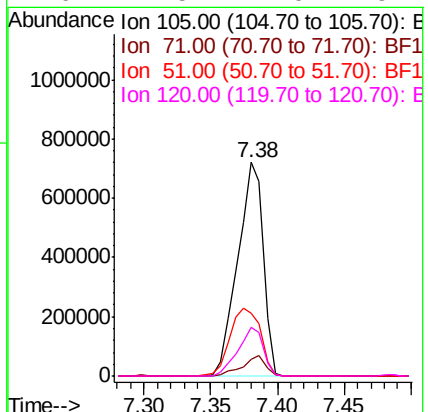
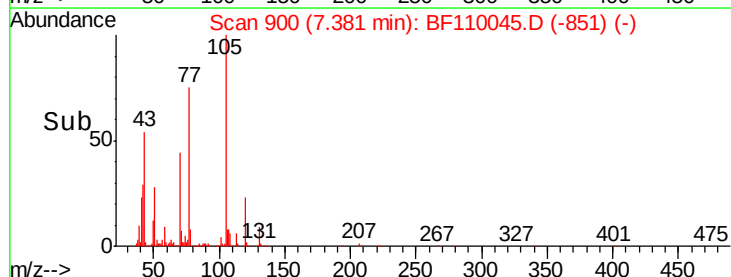
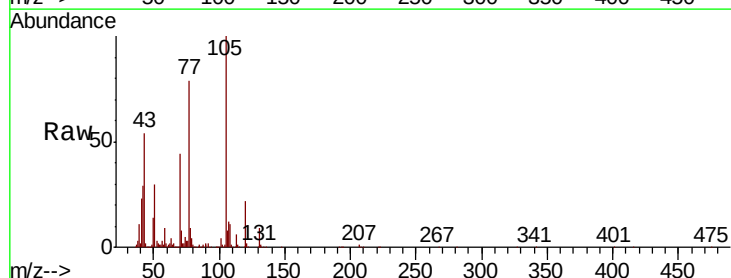
Manual Integrations
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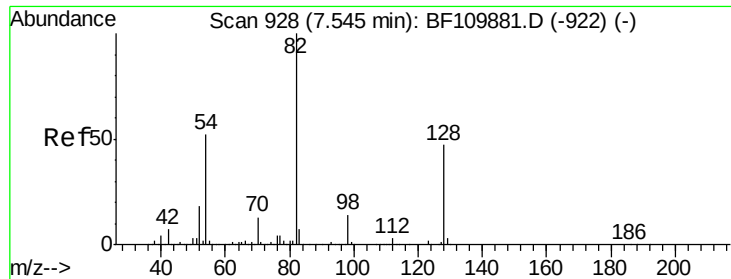
Sohil
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#22
Acetophenone
Concen: 40.853 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		955803		
71	7.6	5.2	7.8		
51	29.7	21.8	32.8		
120	22.5	17.0	25.4		





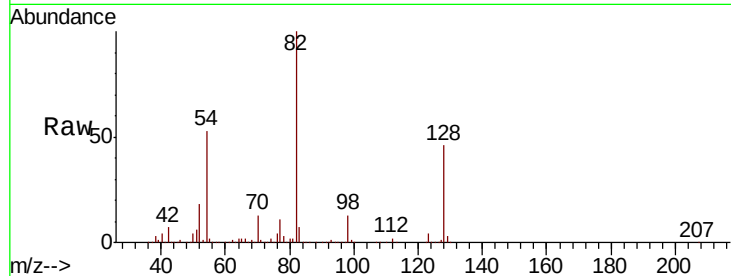
#23
Nitrobenzene-d5
Concen: 87.408 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	52.6	38.6	58.0

Manual Integrations
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10/23/2018 2:18:37 PM

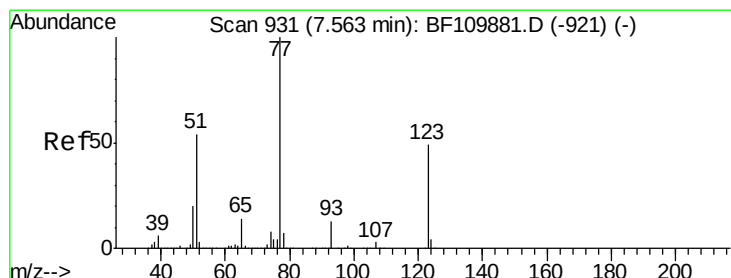
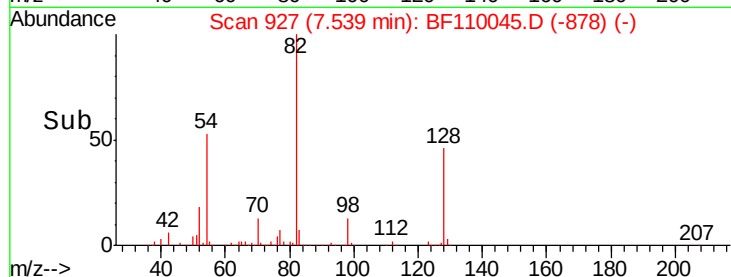
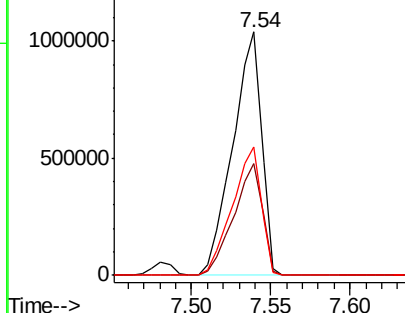


Abundance

Ion 82.00 (81.70 to 82.70): BF1

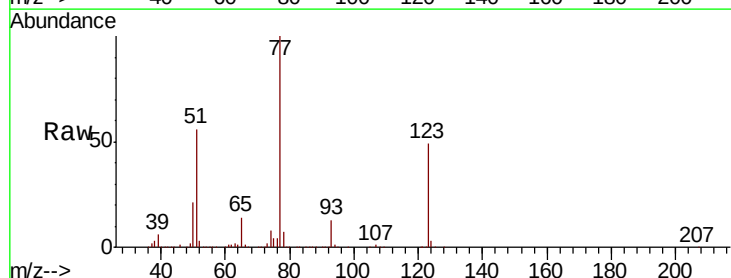
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 44.089 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.7	53.5
65	14.4	10.7	16.1

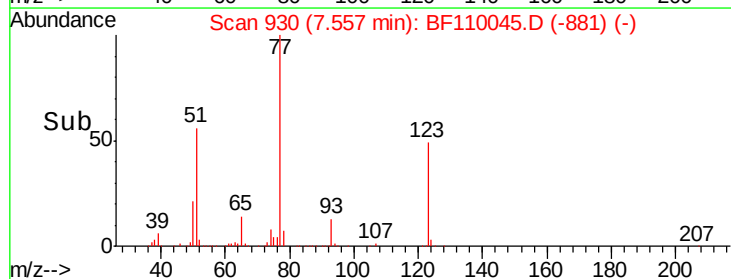
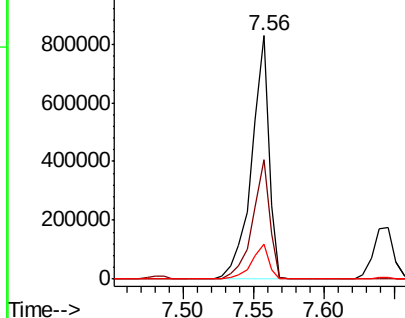


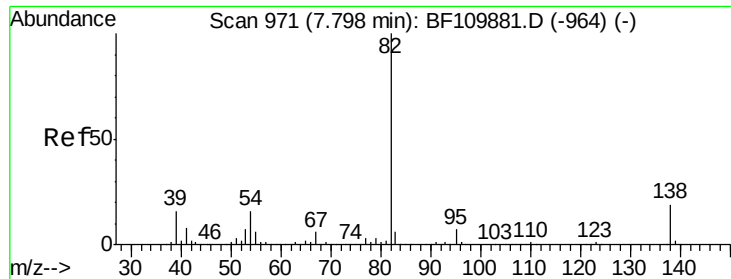
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.667 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion: 82 Resp: 1343827

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

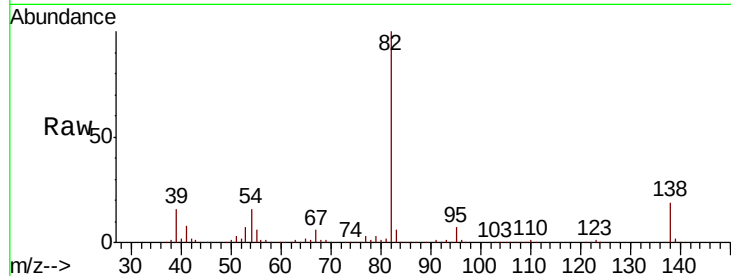
138 18.8 13.2 19.8

Manual Integrations

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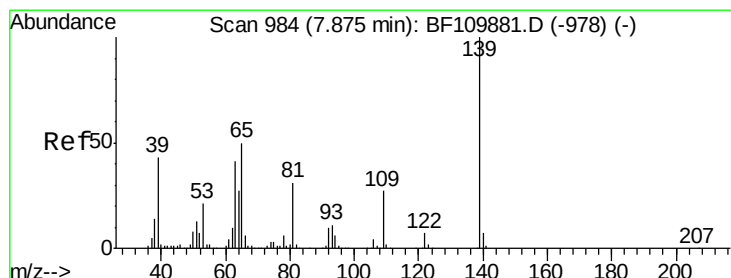
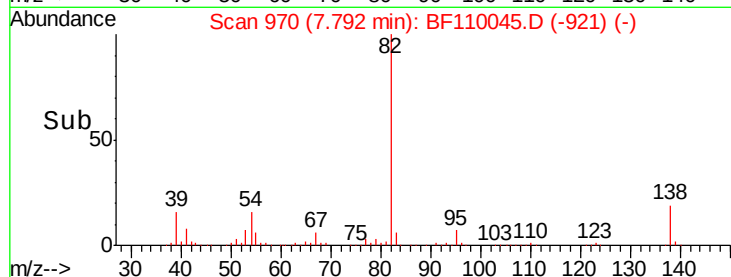
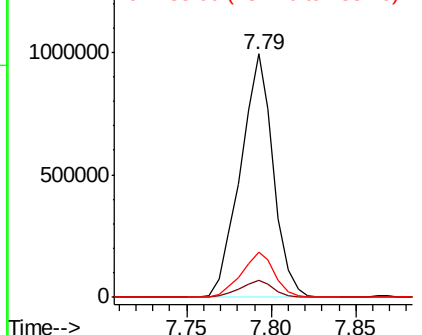
10/23/2018 2:18:37 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.967 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

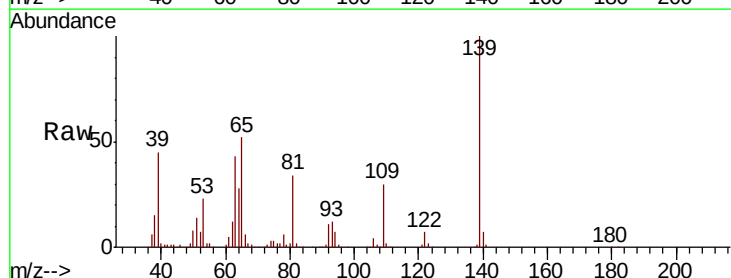
Tgt Ion: 139 Resp: 350549

Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

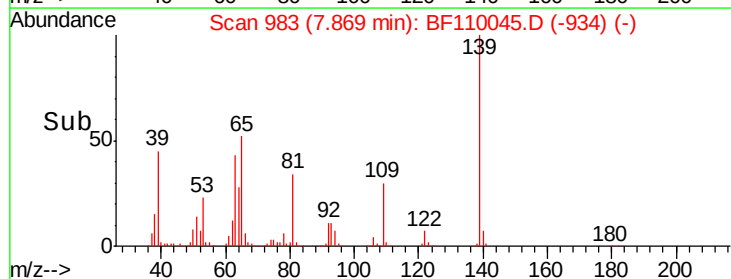
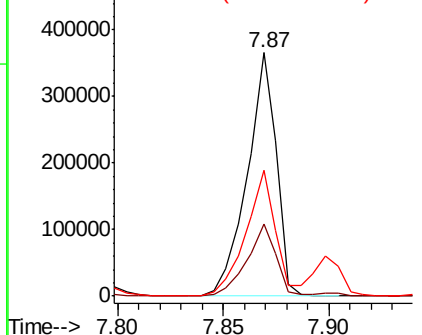
65 51.9 44.0 66.0

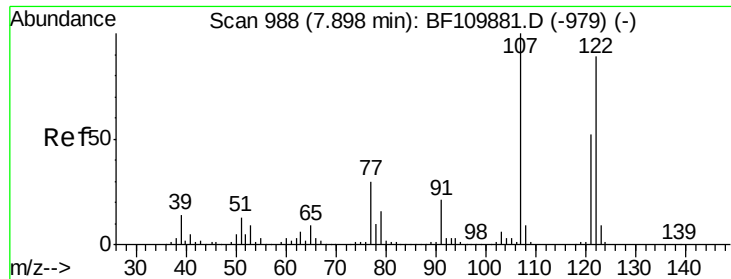


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.073 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

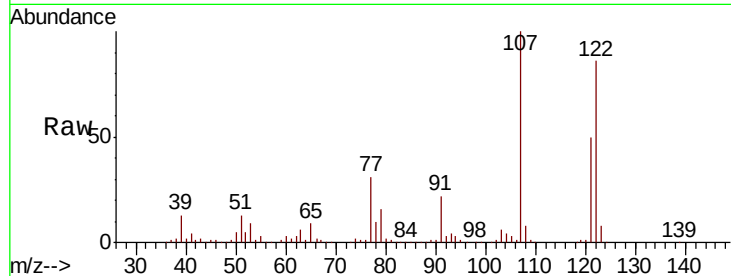
ClientSampleId :

PB114048BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	58.6	45.8	68.8

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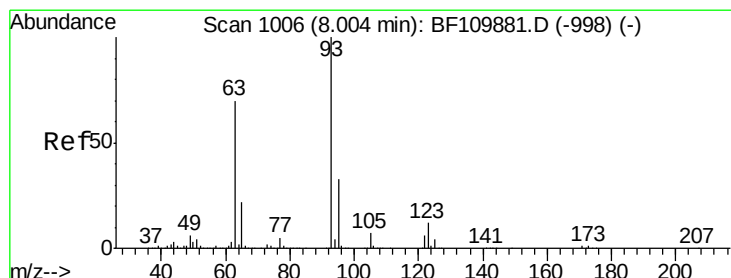
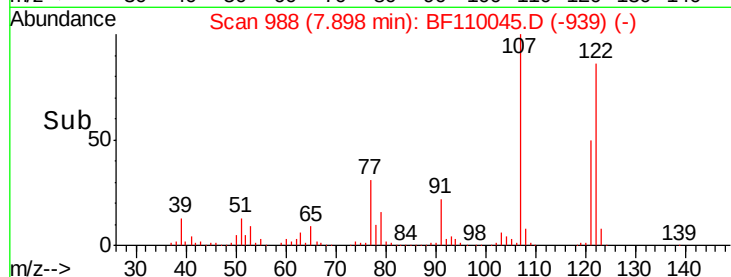
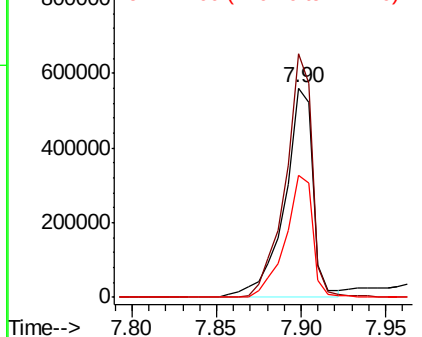


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.809 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

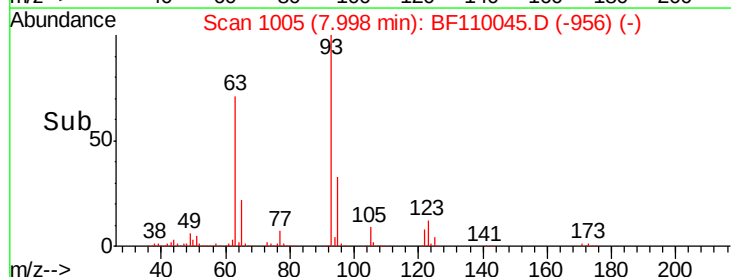
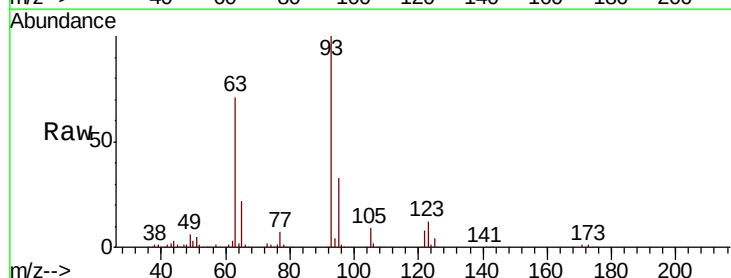
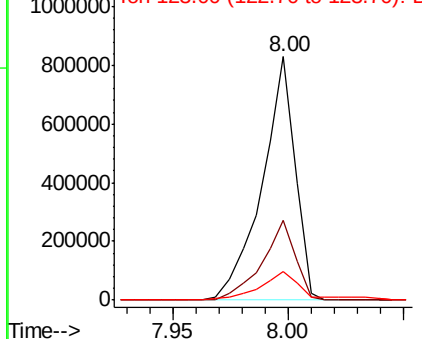
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.0	9.0	13.6

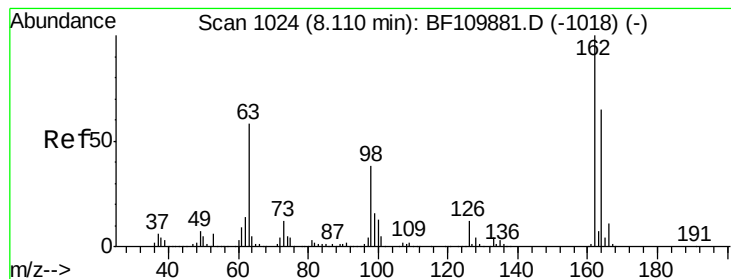
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.306 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

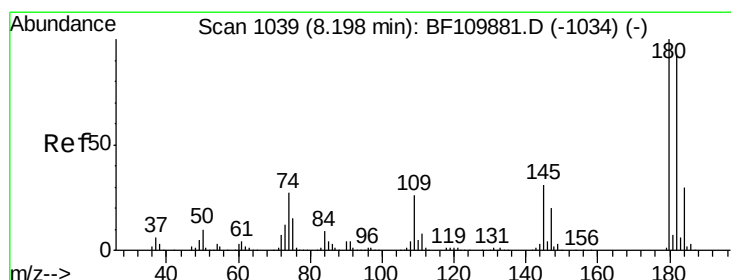
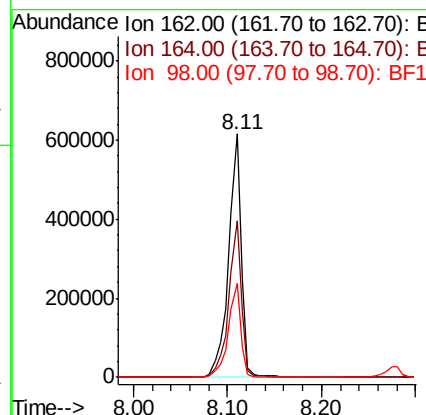
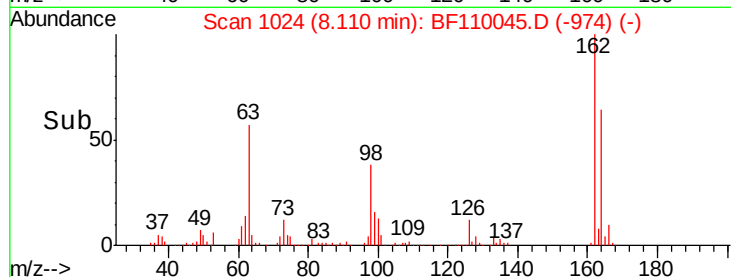
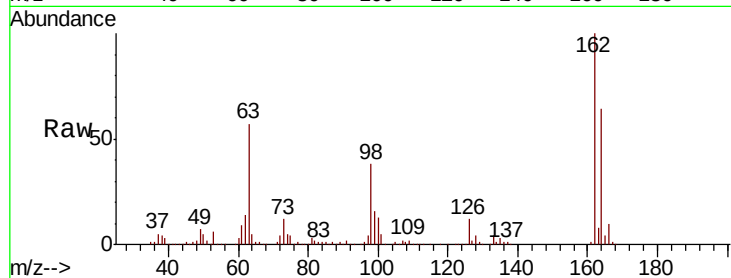
ClientSampleId :

PB114048BS

Tot Ion:	162	Resp:	581710
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	38.4	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.798 ng

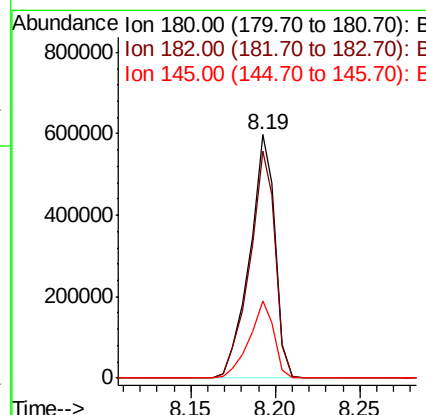
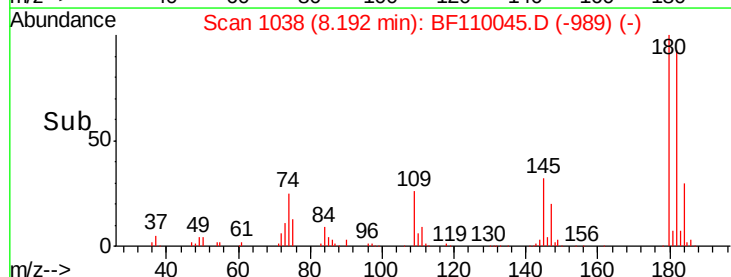
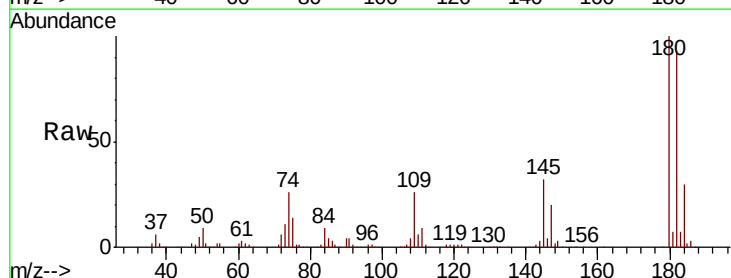
RT: 8.19 min Scan# 1038

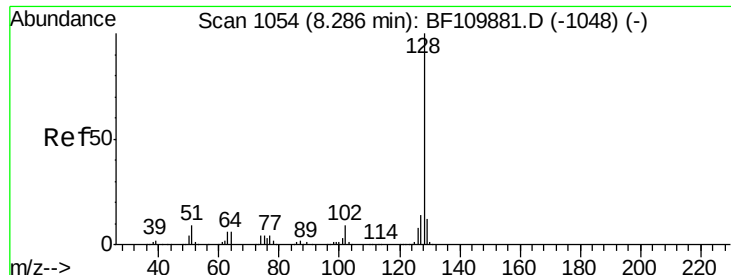
Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Tgt Ion:	180	Resp:	628113
Ion Ratio	Lower	Upper	
180	100		
182	93.3	80.3	120.5
145	31.5	25.4	38.0





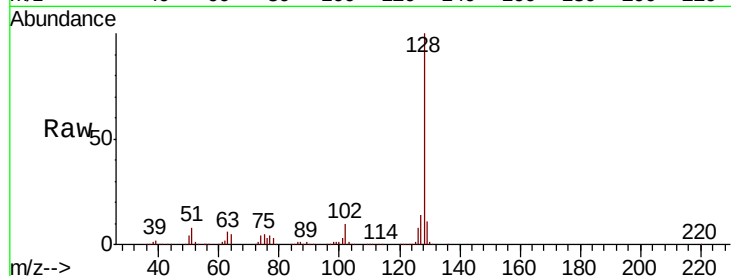
#31
Naphthalene
Concen: 42.474 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.7	10.8	16.2

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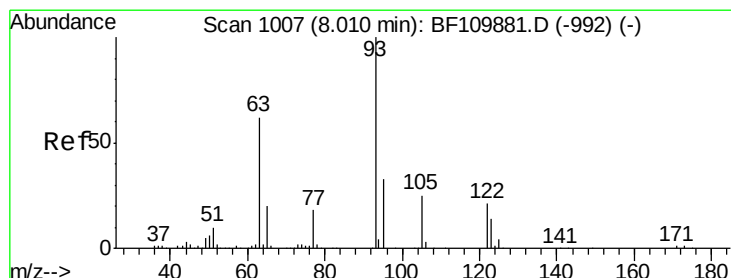
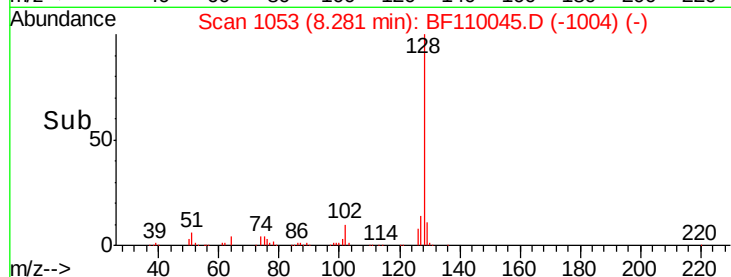
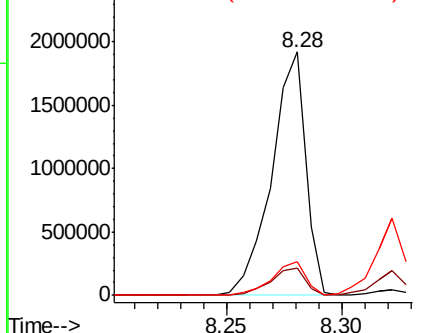


Abundance

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: 46.445 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

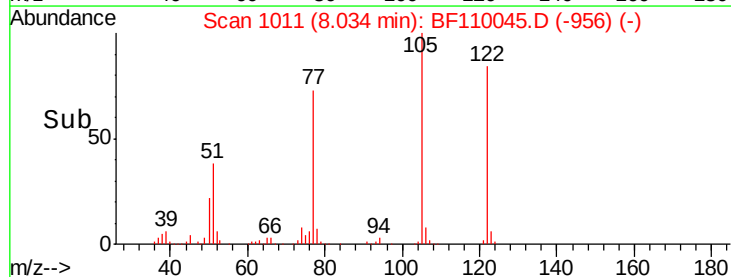
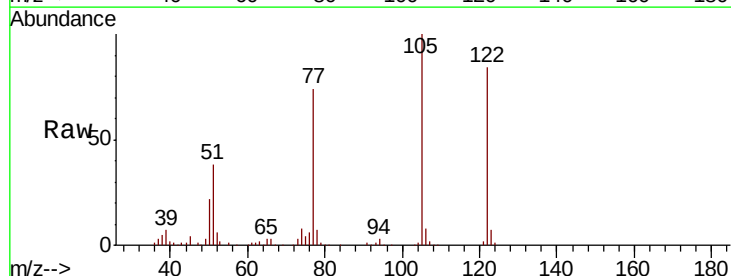
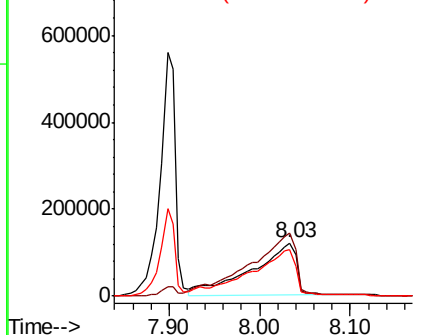
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	109.0	149.0
77	88.4	79.0	119.0

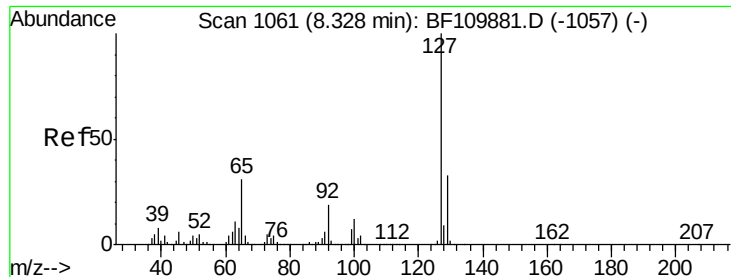
Abundance

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





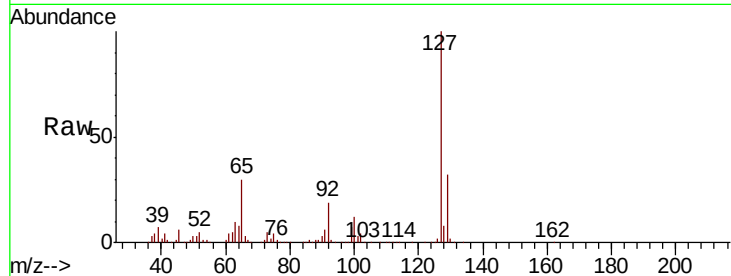
#33
4-Chloroaniline
Concen: 25.974 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.0	39.0		
65	29.9	25.1	37.7		
92	18.5	15.0	22.6		

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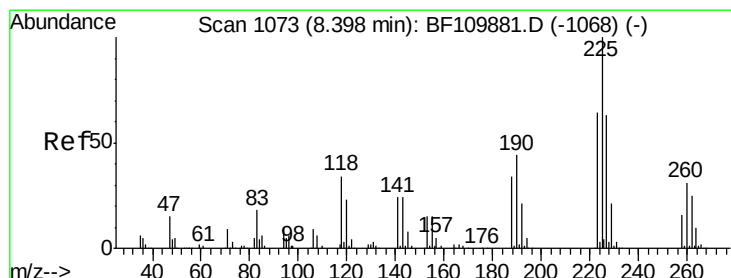
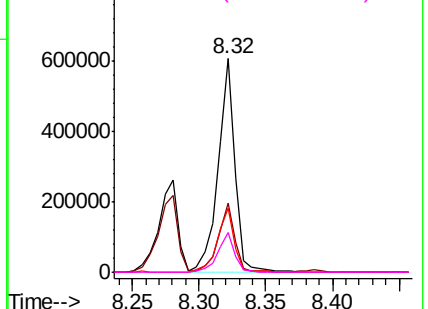
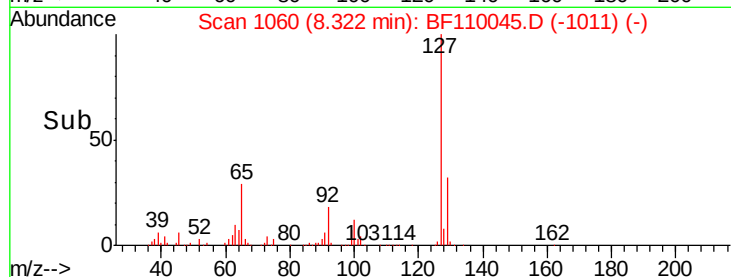
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

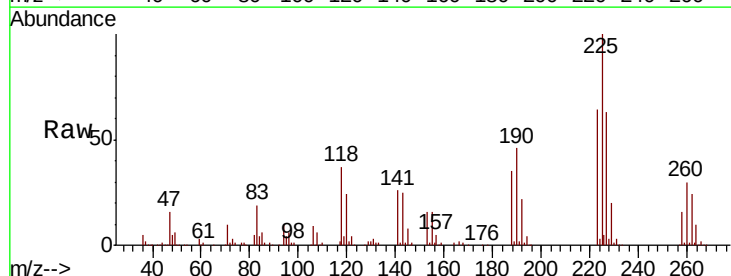
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.451 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.4	77.2		
227	63.2	51.0	76.6		

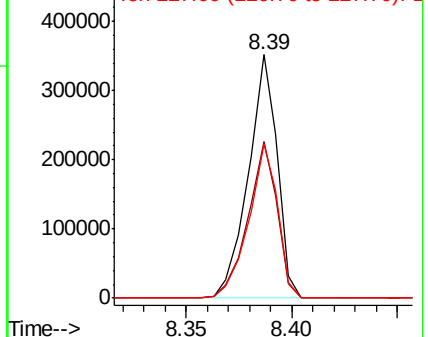
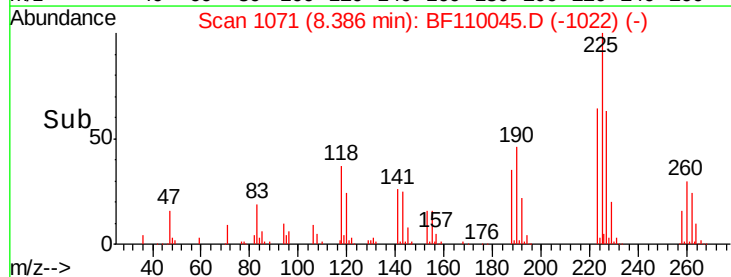


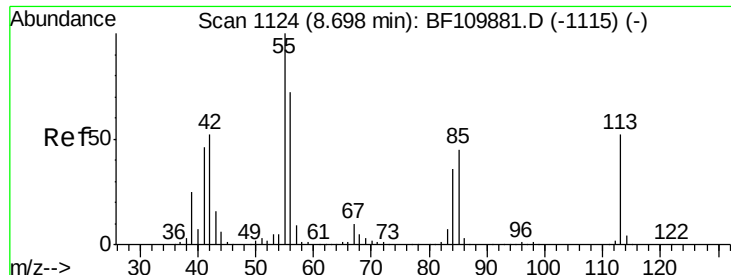
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





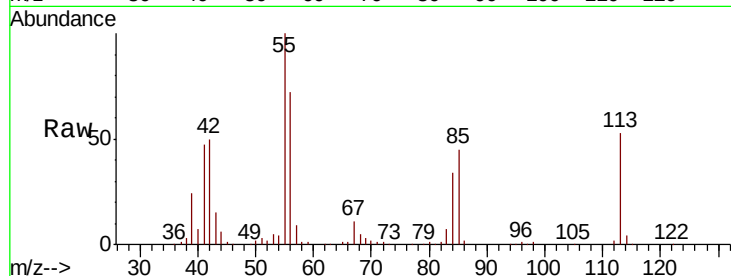
#35
 Caprolactam
 Concen: 44.133 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleID :
 PB114048BS

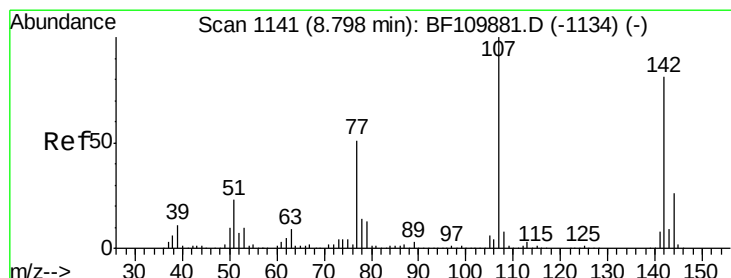
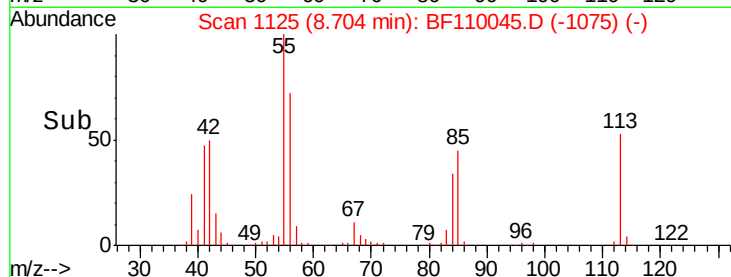
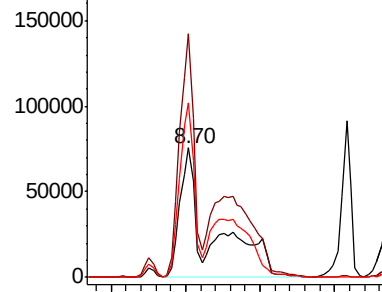
Tot Ion	Ratio	Lower	Upper
113	100		
55	188.1	142.8	182.8#
56	134.8	105.0	145.0

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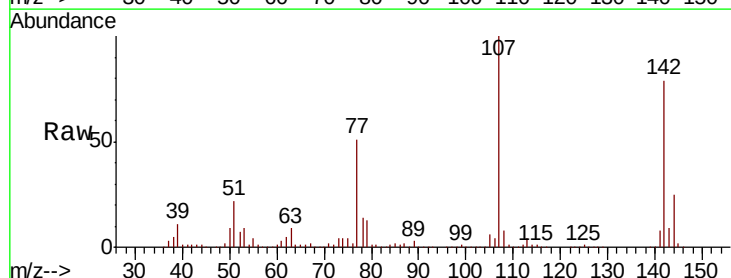


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

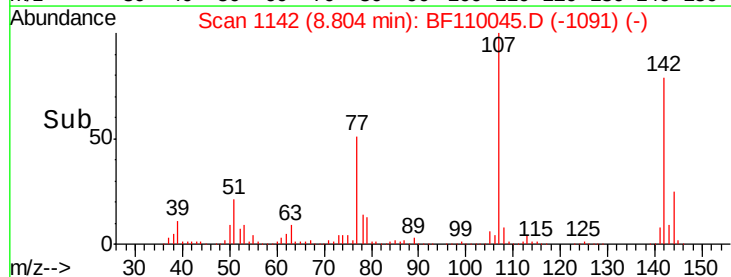
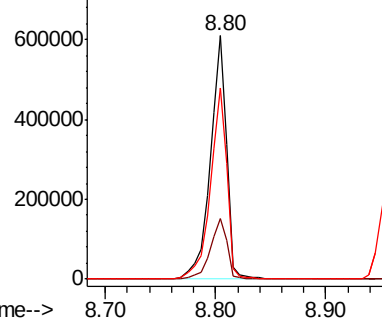


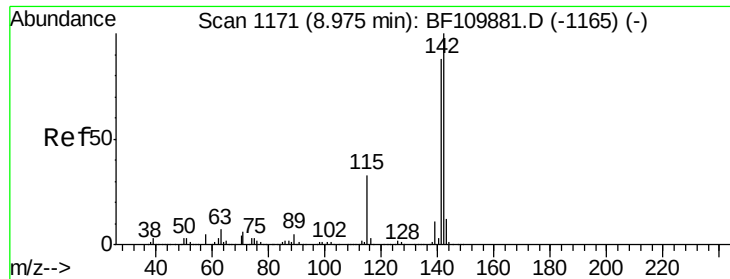
#36
 4-Chloro-3-methylphenol
 Concen: 43.301 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.0	30.0
142	78.7	59.7	89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





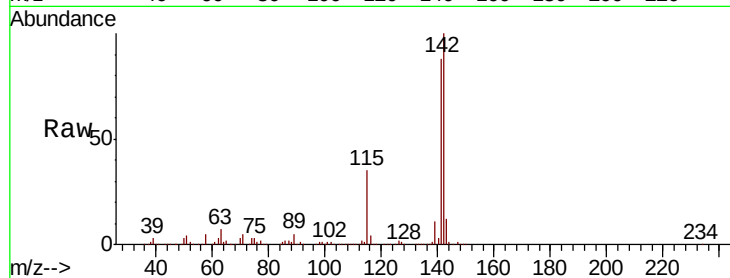
#37
2-Methylnaphthalene
Concen: 45.548 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	34.6	28.7	43.1

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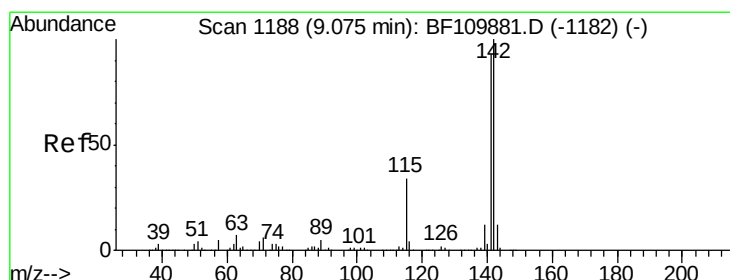
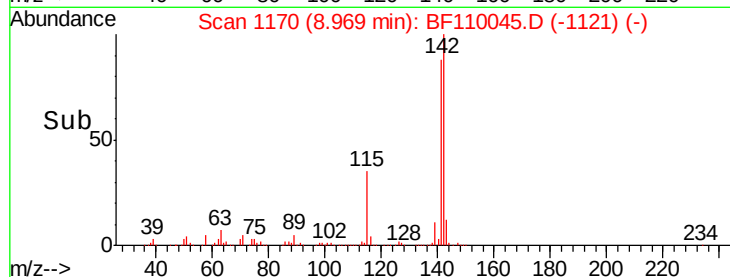
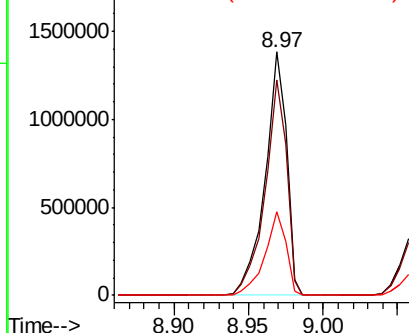


Abundance

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
1-Methylnaphthalene
Concen: 43.850 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

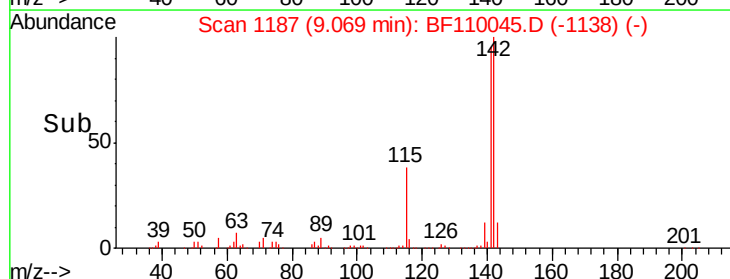
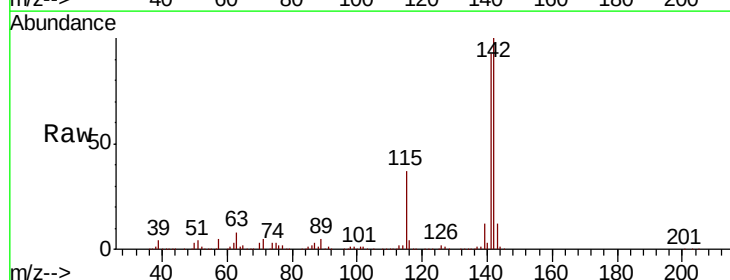
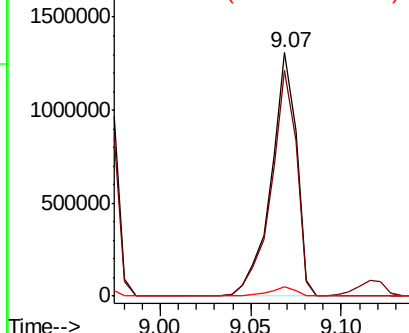
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	3.9	2.6	4.0

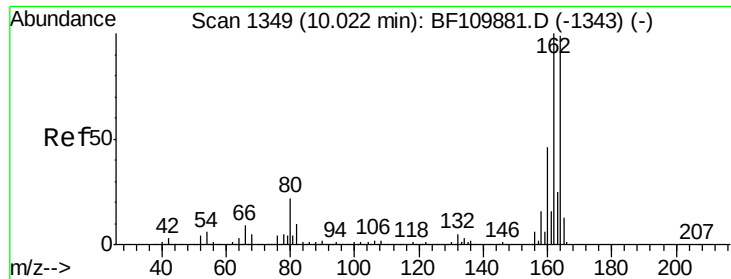
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





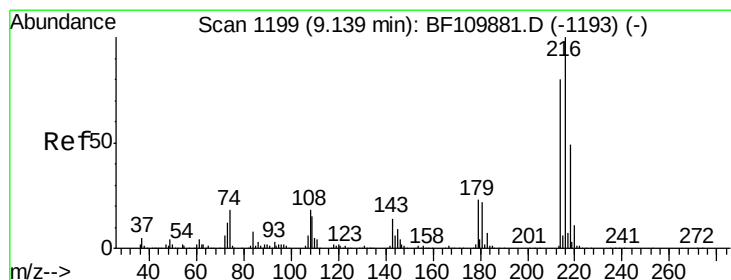
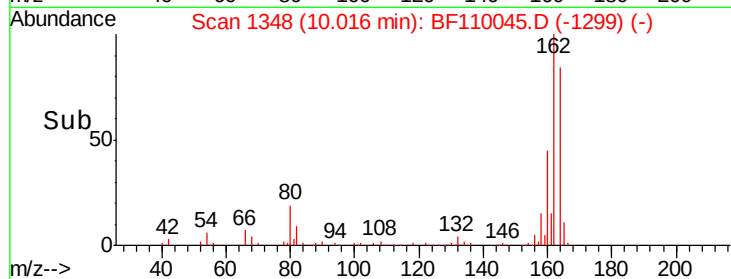
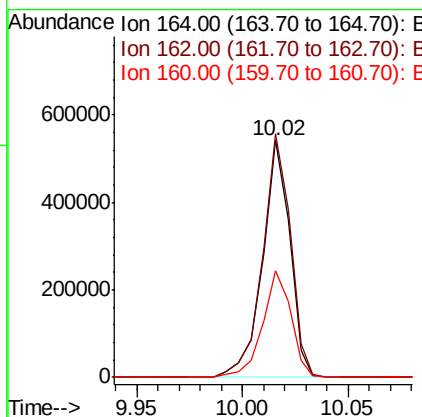
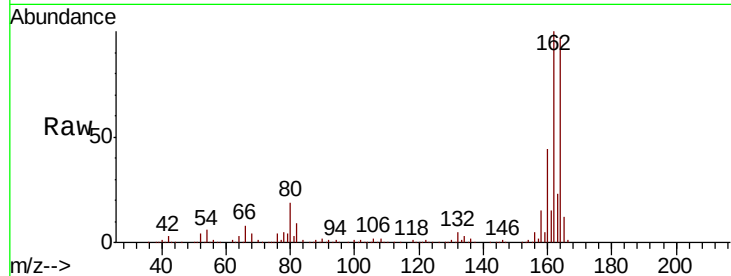
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	83.0	124.6	
160	45.2	37.0	55.6	

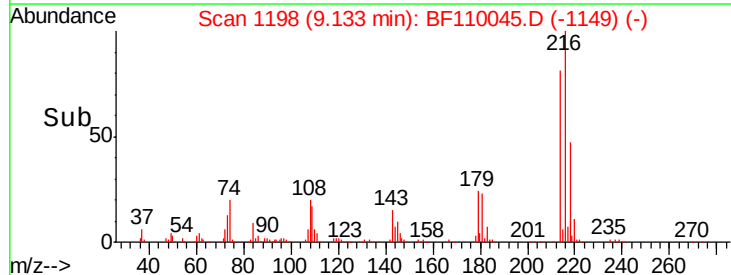
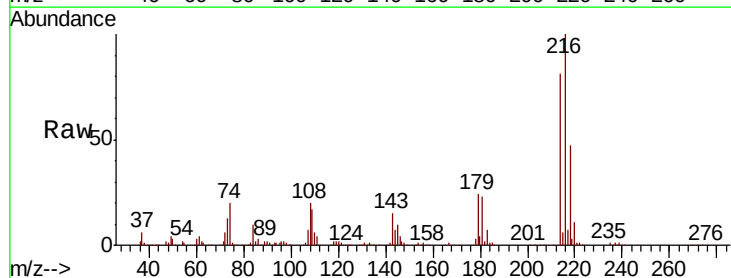
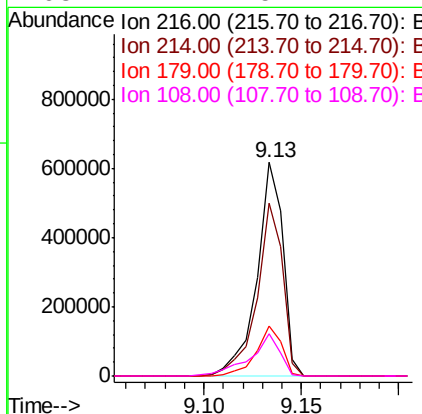
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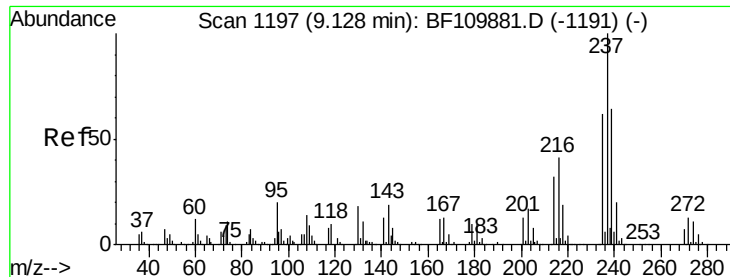
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.881 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.6	
179	23.1	16.6	25.0	
108	22.4	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 94.175 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

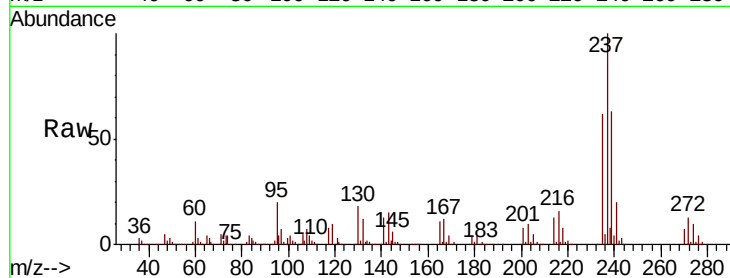
ClientSampleId :

PB114048BS

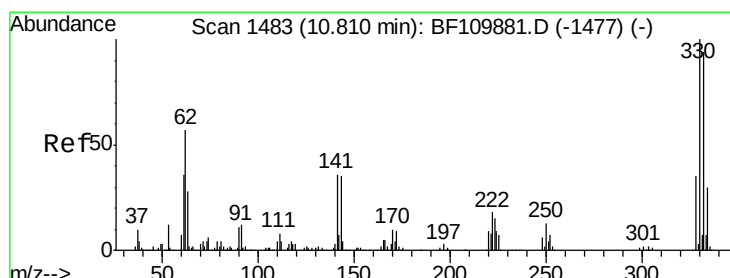
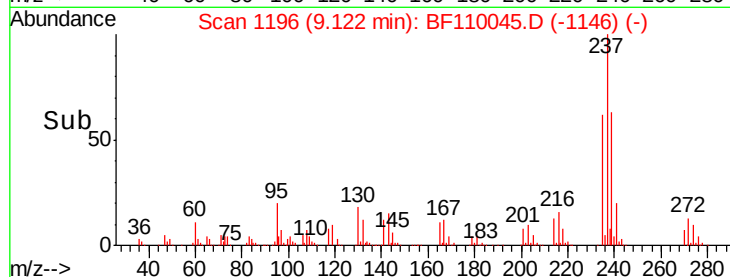
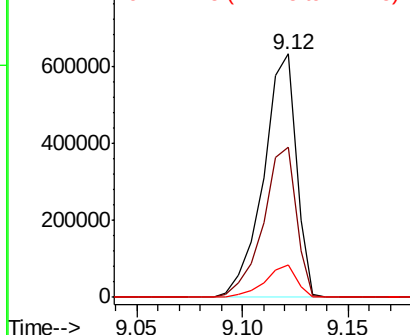
Tot Ion:	237	Resp:	684261
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	13.4	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.548 ng

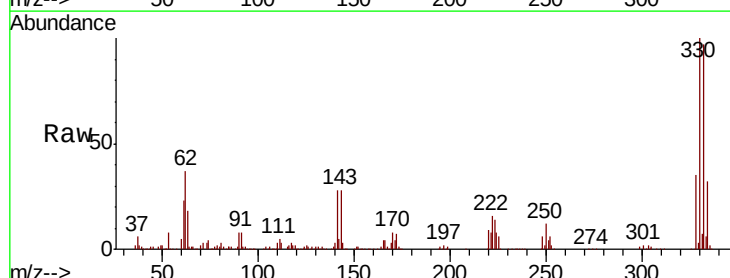
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

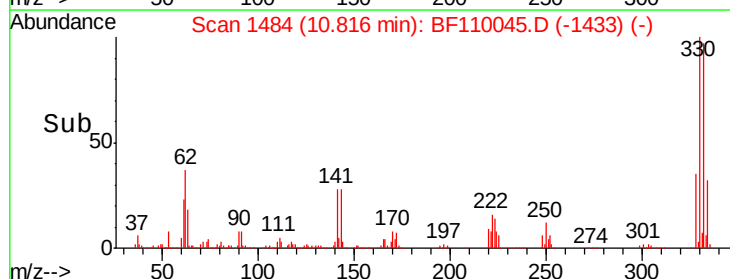
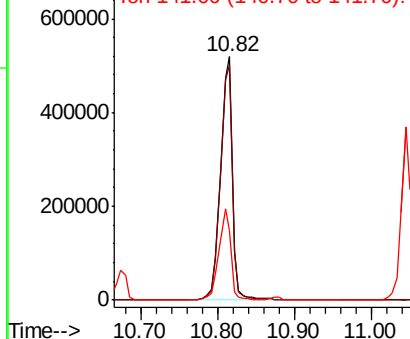
Lab File: BF110045.D

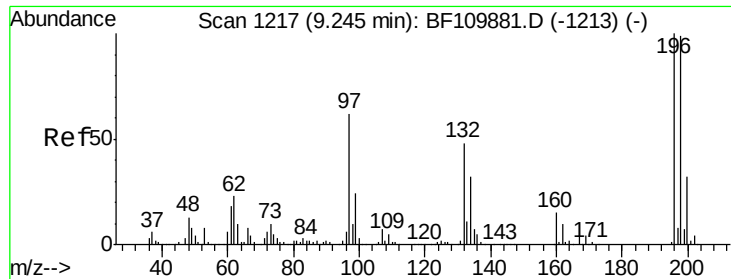
Acq: 22 Oct 2018 13:22

Tgt Ion:	330	Resp:	552403
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.1	115.7
141	36.9	27.0	40.4



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





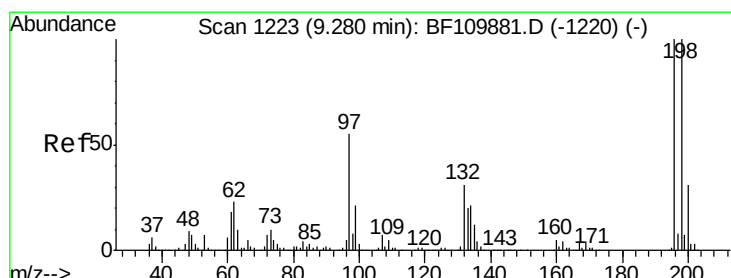
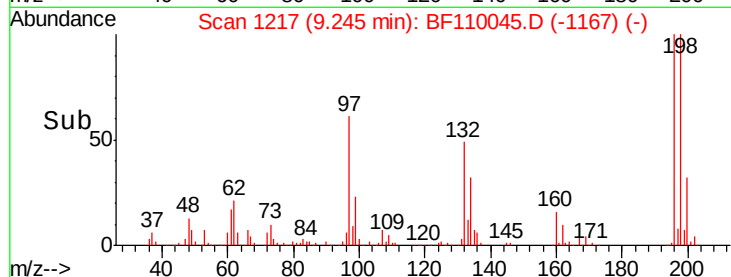
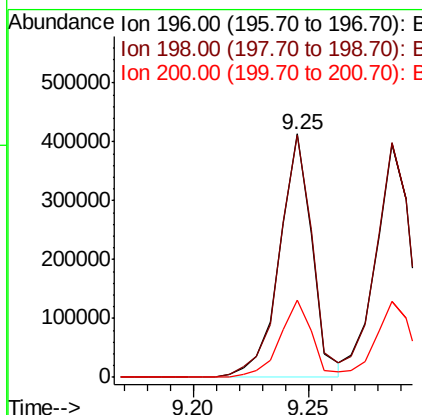
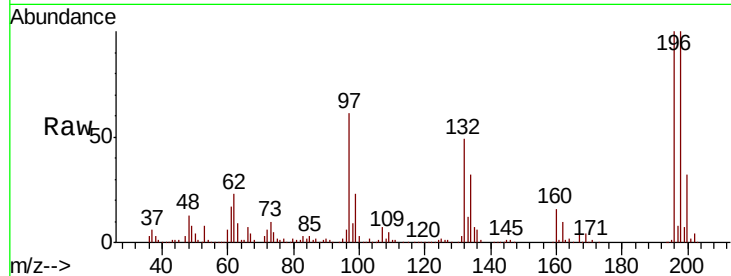
#43
 2,4,6-Trichlorophenol
 Concen: 42.487 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampled :
 PB114048BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	399930		
198	99.7	76.2	114.4	
200	31.9	24.4	36.6	

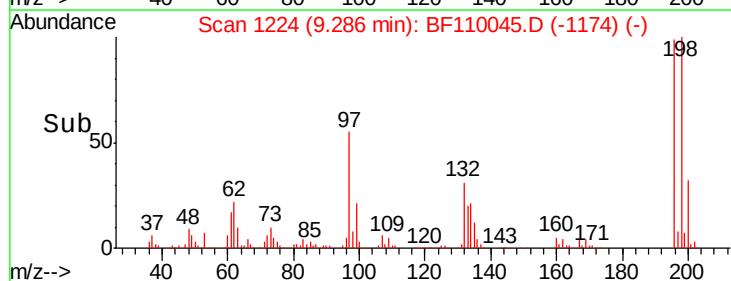
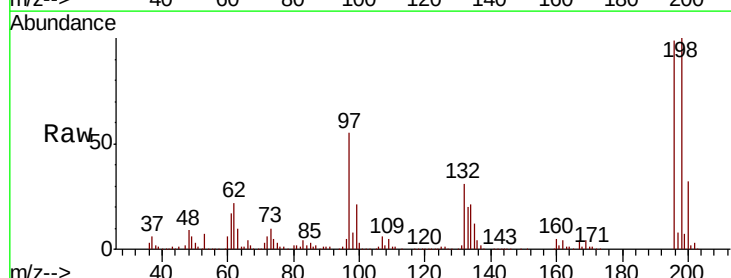
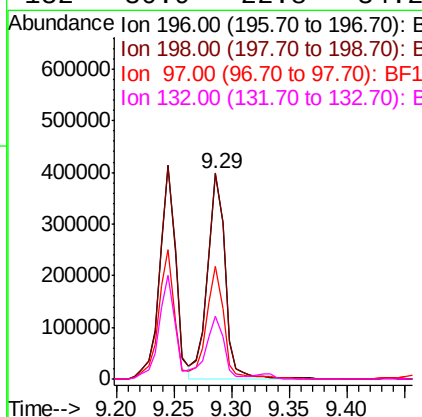
Manual Integrations
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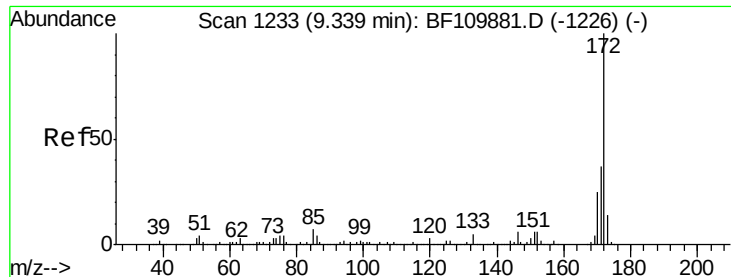
Sohil
 10/23/2018 2:18:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.265 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	422679		
198	100.8	75.8	113.6	
97	55.1	42.4	63.6	
132	30.9	22.8	34.2	





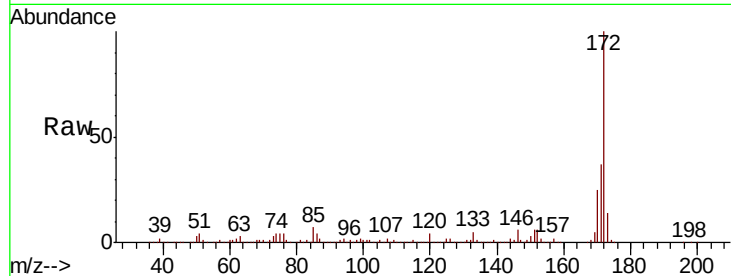
#45
2-Fluorobiphenyl
Concen: 76.329 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	28.6	43.0	
170	25.3	19.7	29.5	

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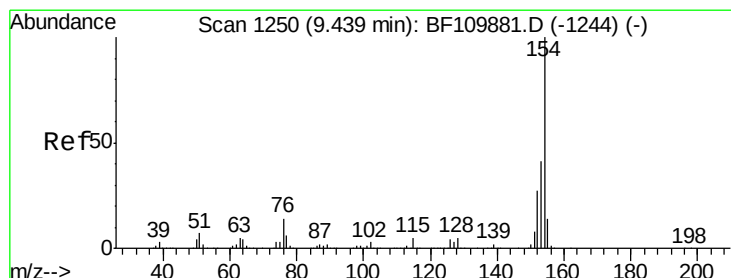
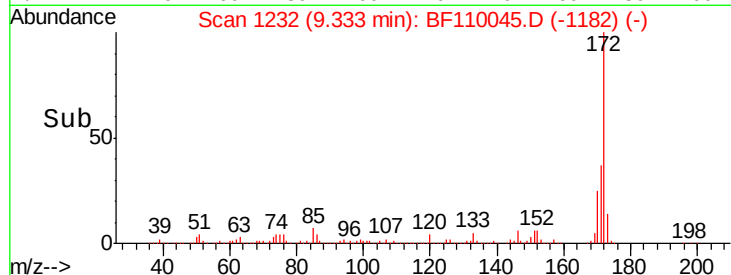
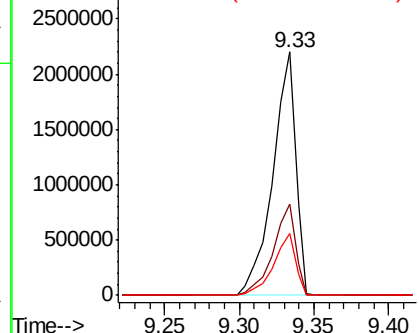


Abundance

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



#46
1,1'-Biphenyl
Concen: 37.392 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

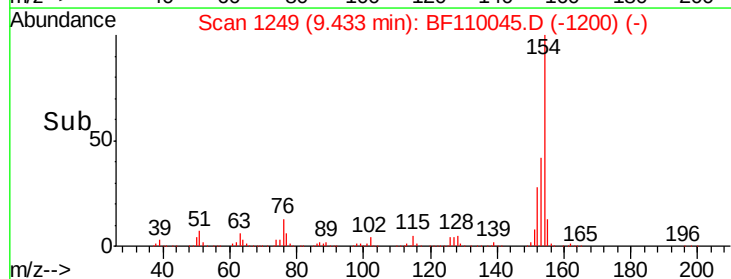
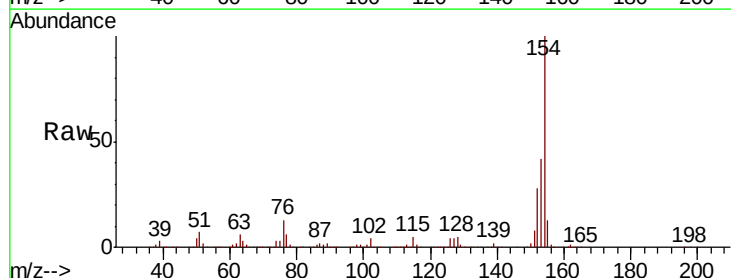
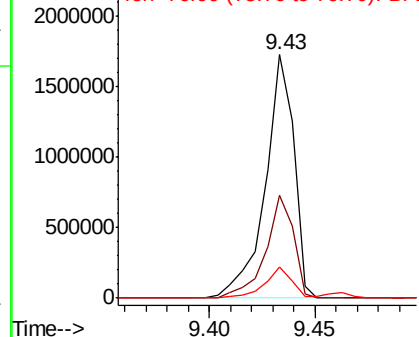
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.3	20.4	60.4	
76	12.8	0.0	31.9	

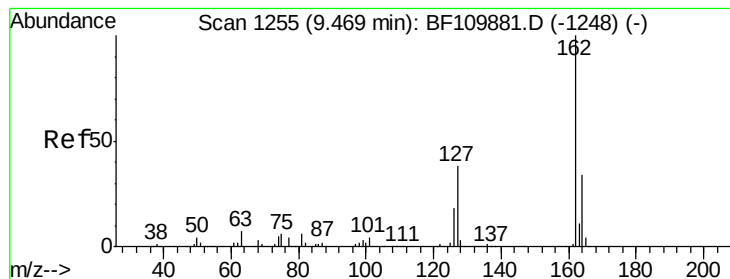
Abundance

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





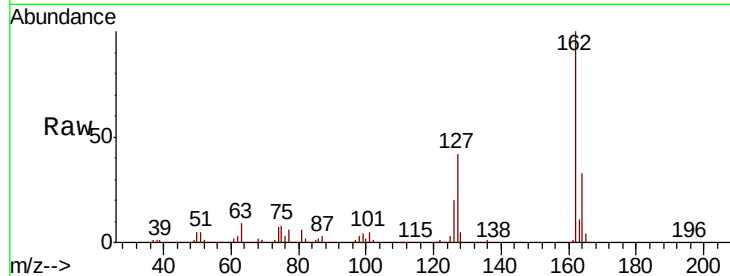
#47
 2-Chloronaphthalene
 Concen: 39.009 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

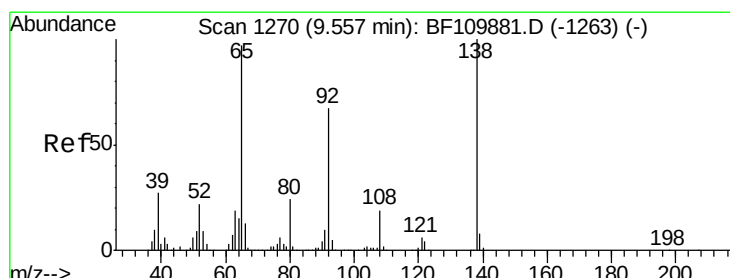
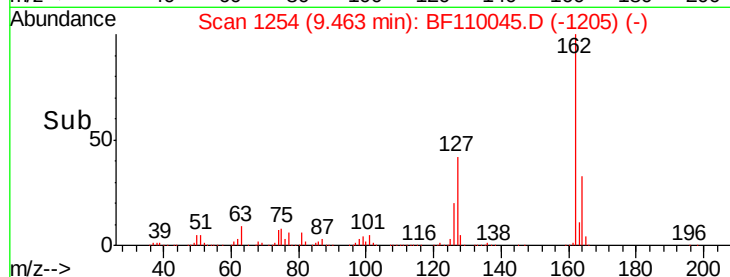
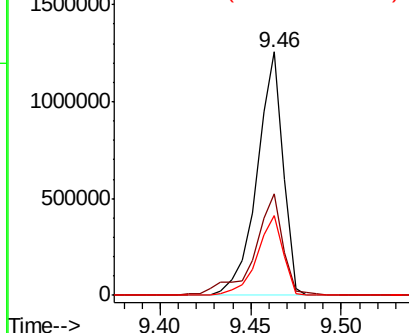
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.6	48.8
164	32.6	25.9	38.9

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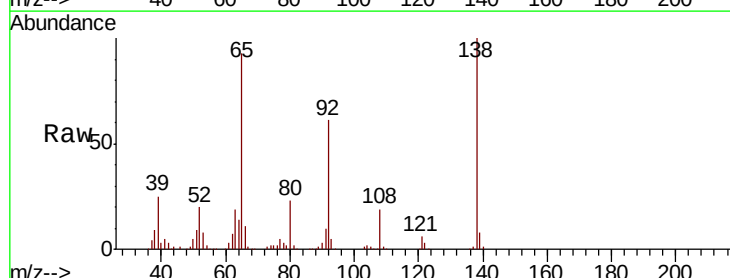


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

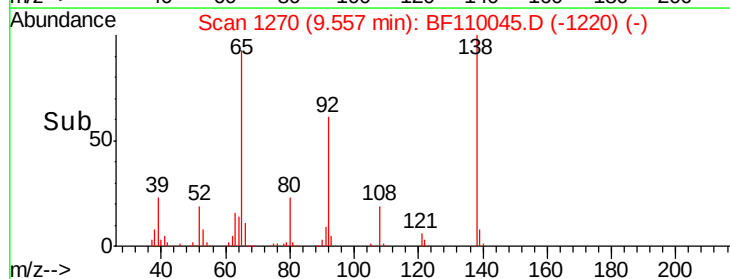
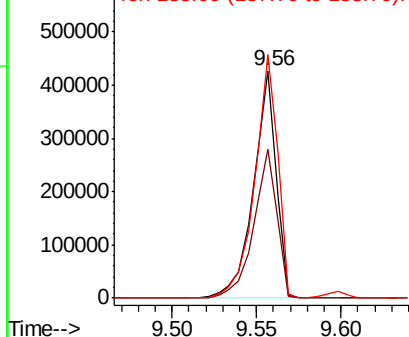


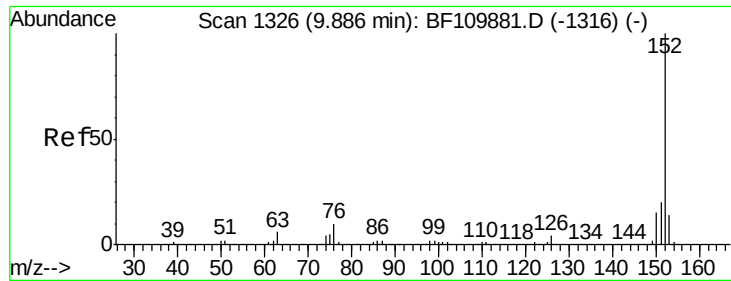
#48
 2-Nitroaniline
 Concen: 48.555 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	54.6	81.8
138	107.1	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.807 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:152 Resp: 1948052

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

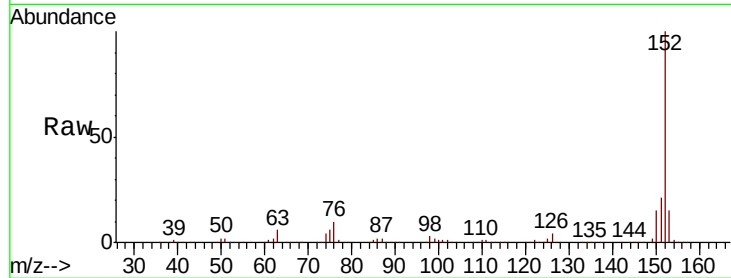
153 14.6 10.4 15.6

Manual Integrations

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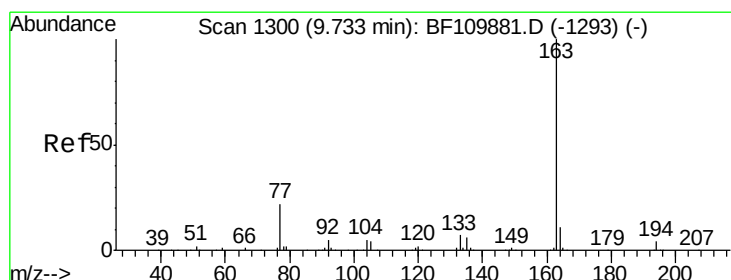
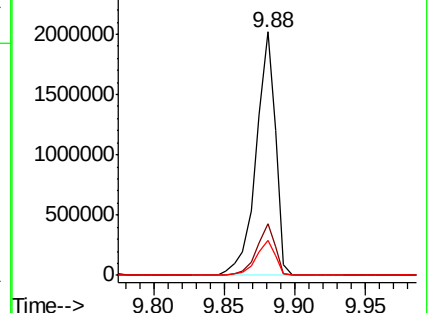
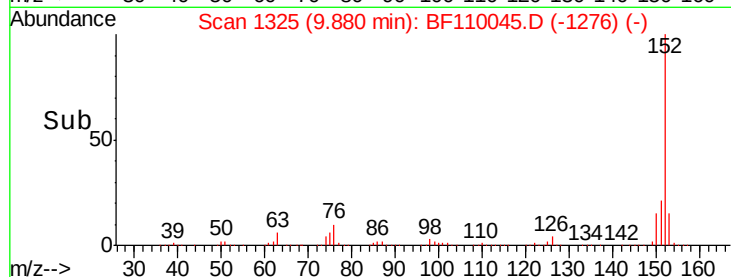
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.430 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

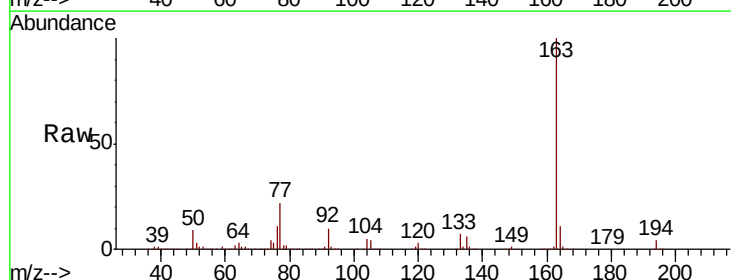
Tgt Ion:163 Resp: 1433806

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

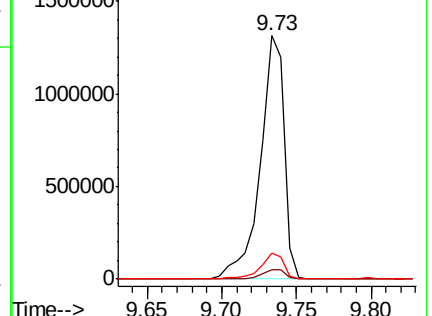
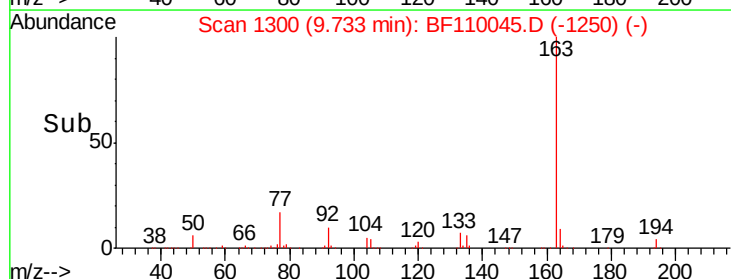
164 10.6 8.1 12.1

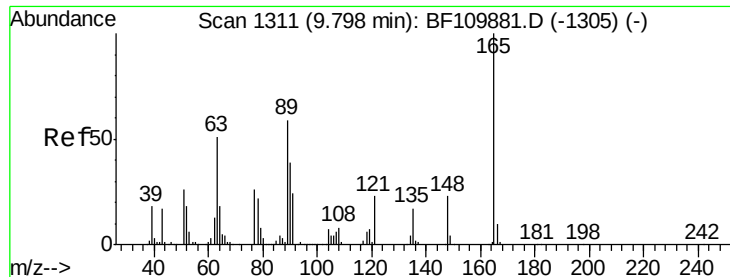


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





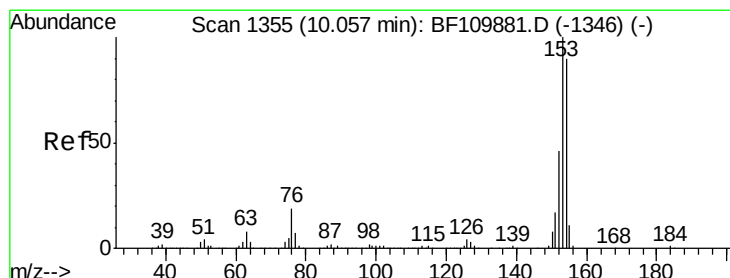
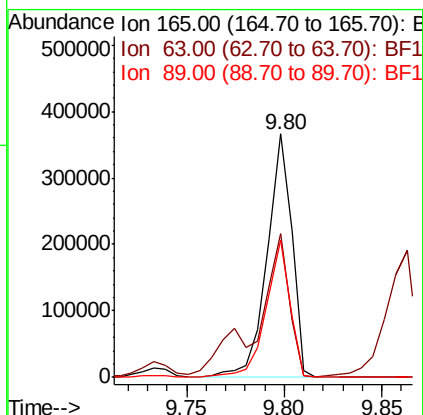
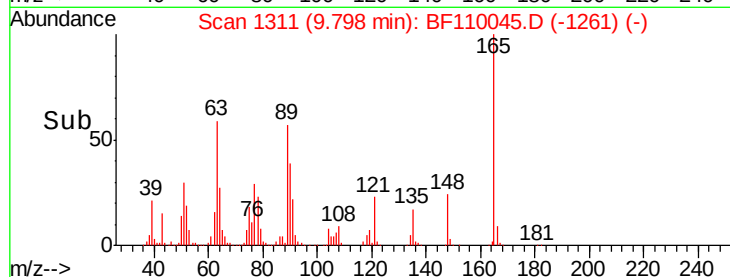
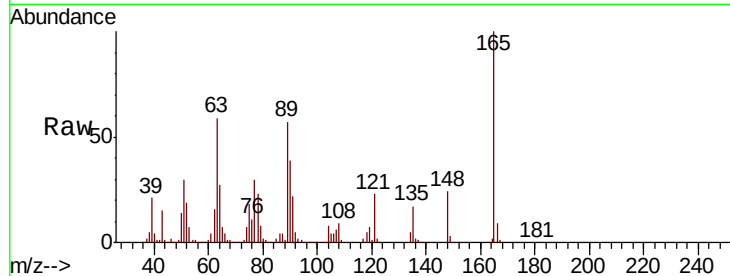
#51
2,6-Dinitrotoluene
Concen: 49.219 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	323525		
63	58.8	48.9	73.3	
89	56.5	46.6	69.8	

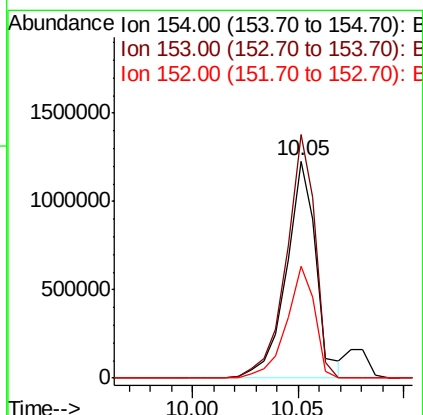
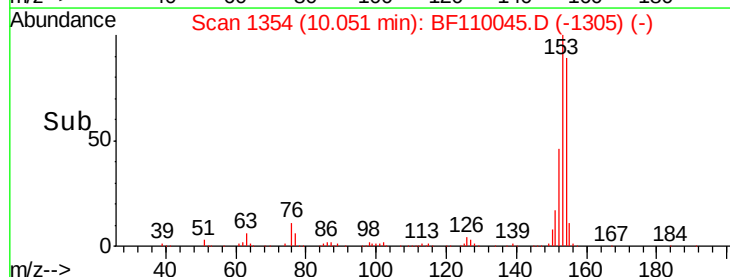
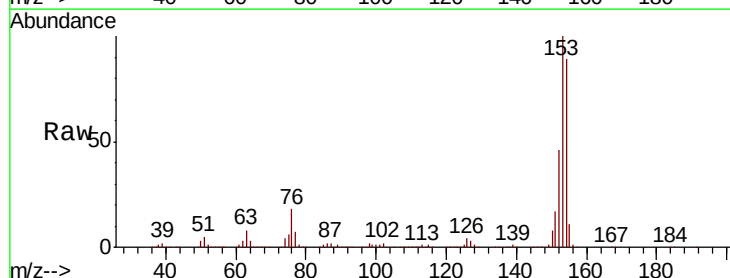
Manual Integrations
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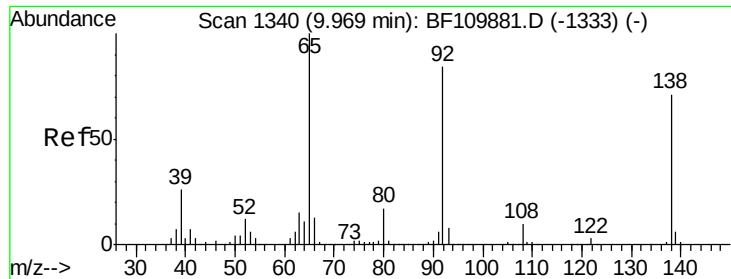
Sohil
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#52
Acenaphthene
Concen: 40.687 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1207011		
153	112.4	90.1	135.1	
152	51.7	43.4	65.2	





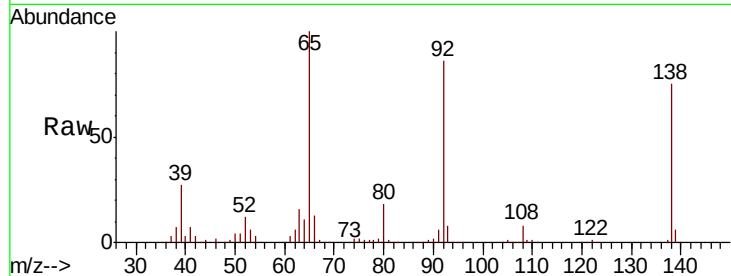
#53
3-Nitroaniline
Concen: 33.714 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	115.1	97.0	145.4

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10/23/2018 2:18:37 PM

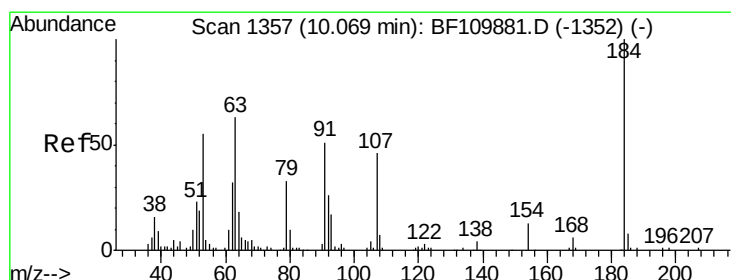
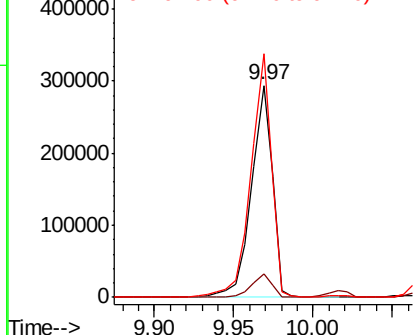
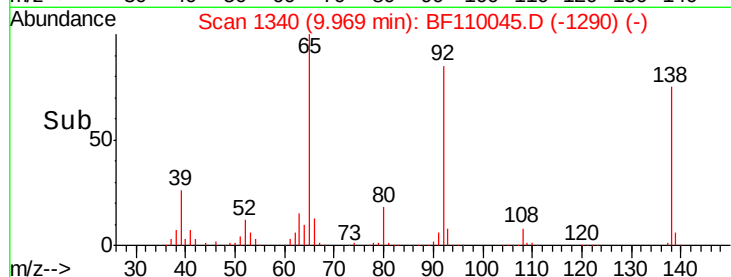


Abundance

Ion 138.00 (137.70 to 138.70): E

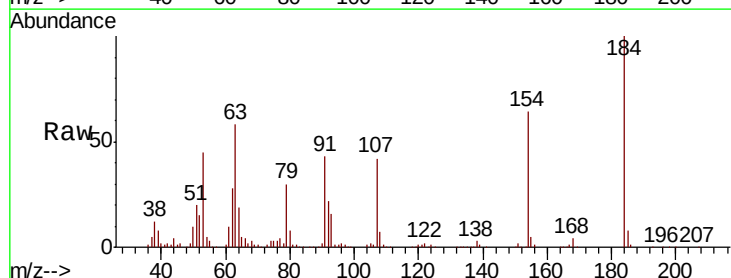
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 121.979 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	55.8	83.6
154	63.9	63.2	94.8

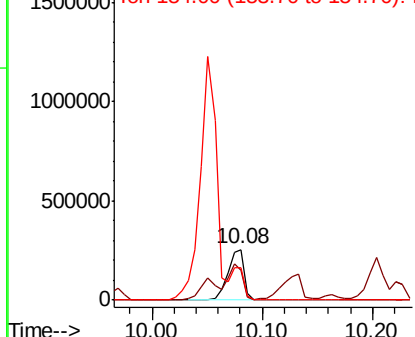
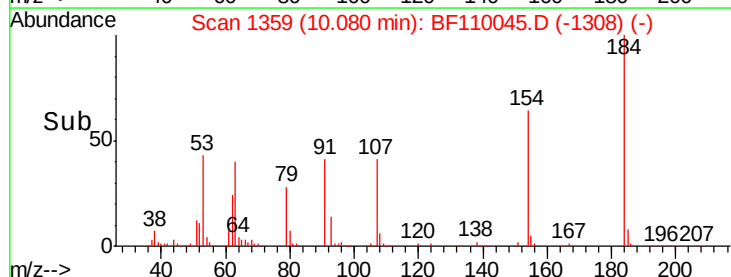


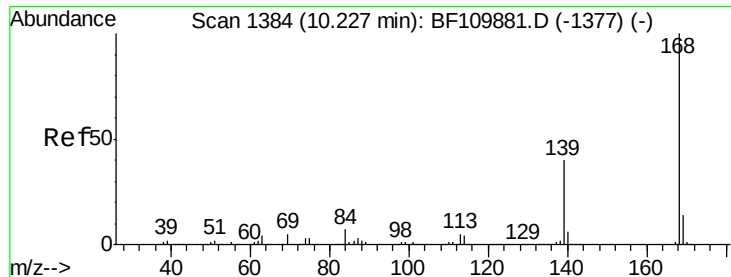
Abundance

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





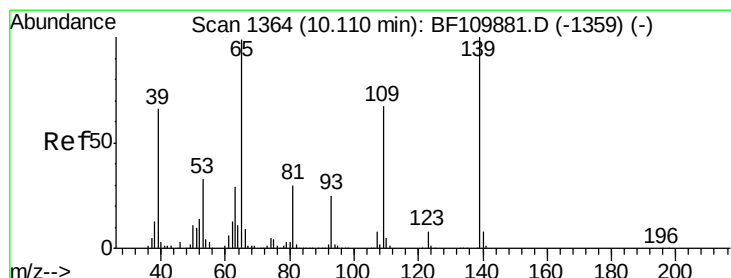
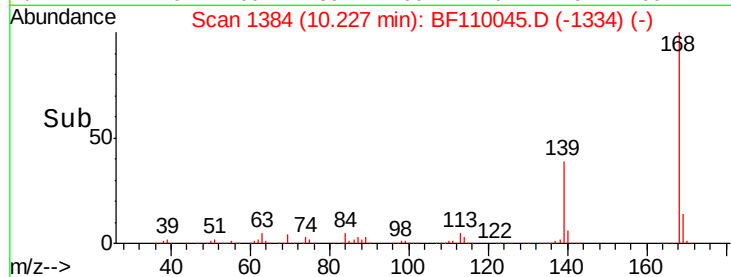
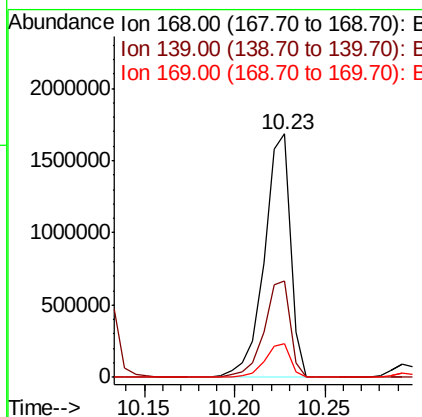
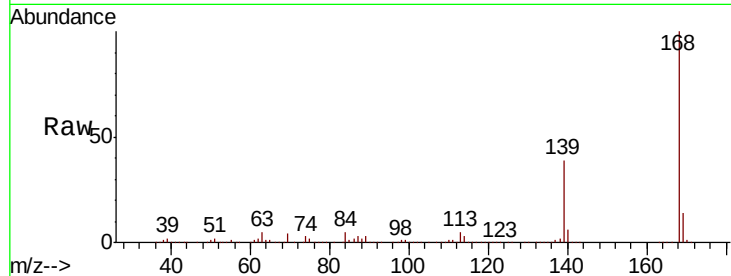
#55
Dibenzenofuran
Concen: 39.889 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion:168 Resp: 1687605
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.8 11.3 16.9

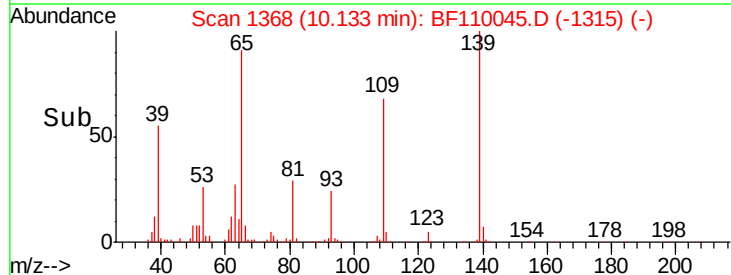
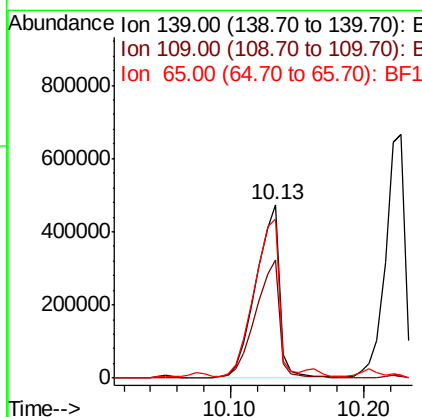
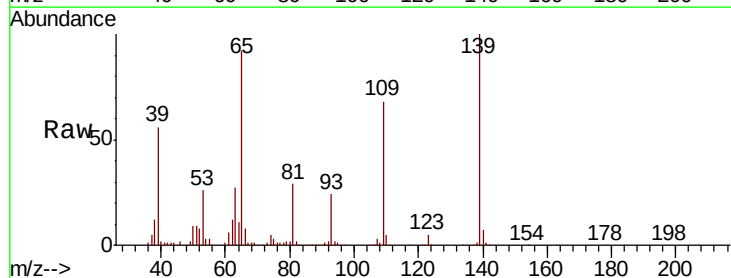
Manual Integrations
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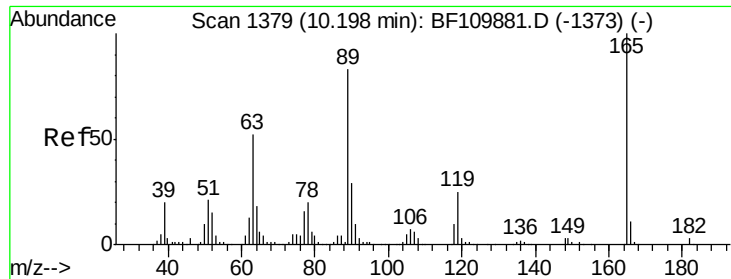
Sohil
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#56
4-Nitrophenol
Concen: 94.623 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion:139 Resp: 577299
Ion Ratio Lower Upper
139 100
109 68.4 55.8 95.8
65 91.5 77.9 117.9





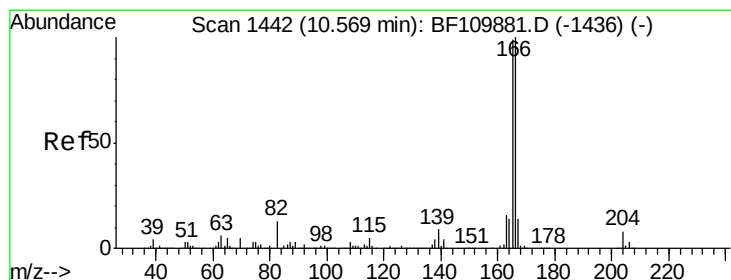
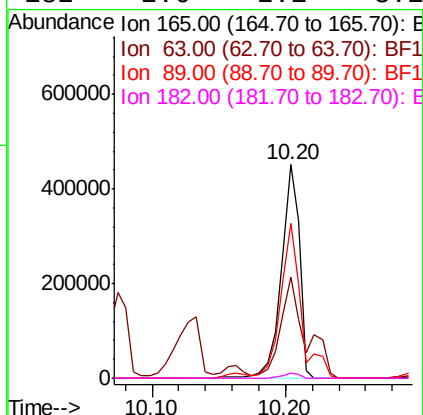
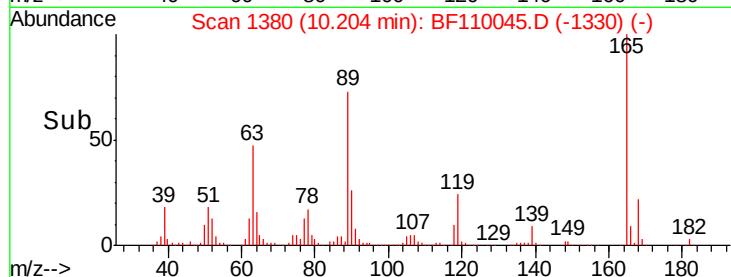
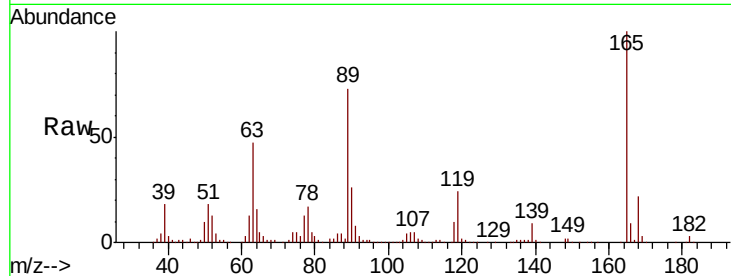
#57
2,4-Dinitrotoluene
Concen: 51.942 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	44.8	67.2
89	72.7	62.2	93.4
182	2.6	2.1	3.1

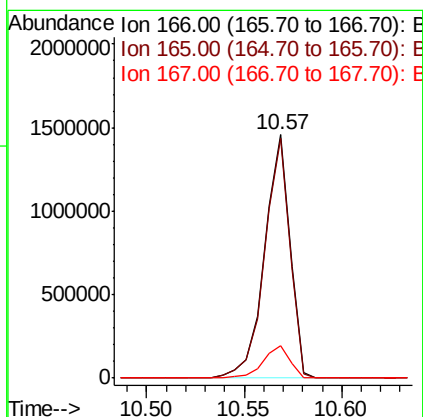
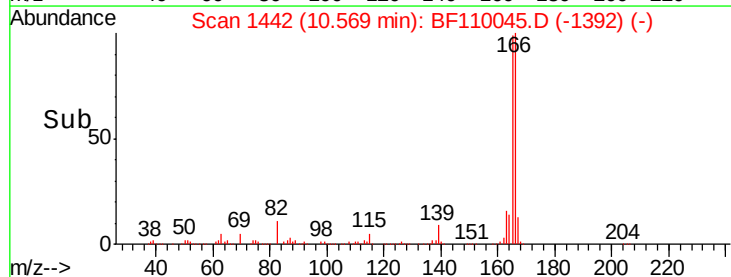
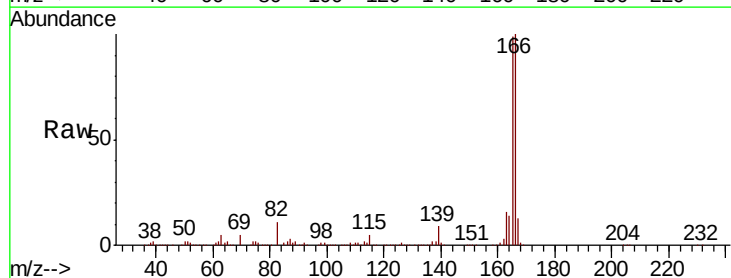
Manual Integrations
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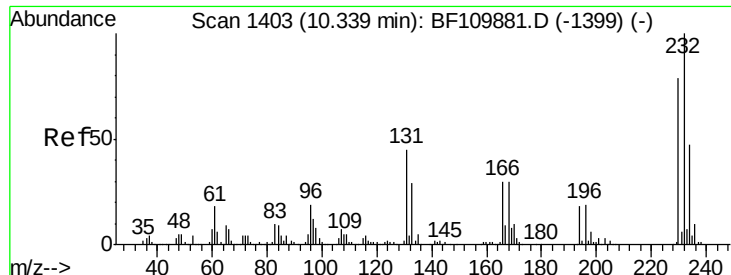
Sohil
10/23/2018 2:18:37 PM



#58
Fluorene
Concen: 42.965 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.4	10.8	16.2





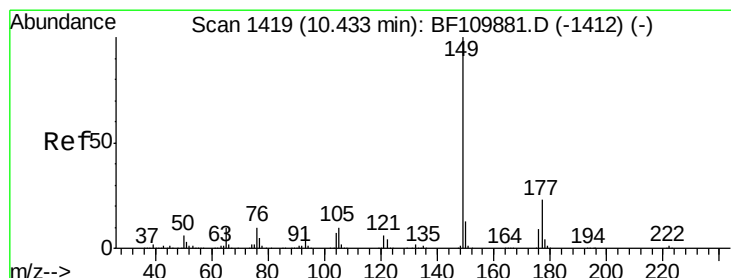
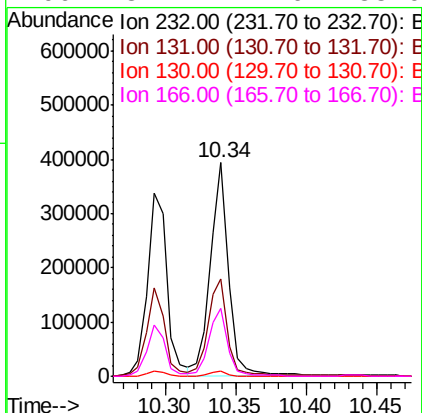
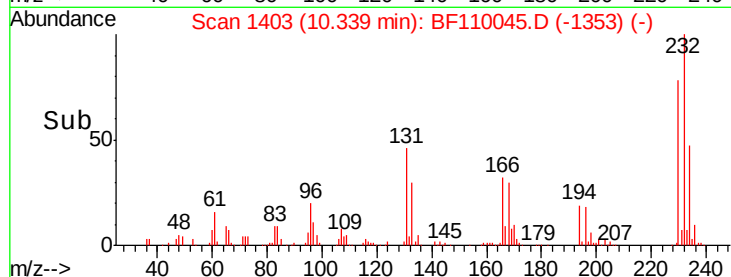
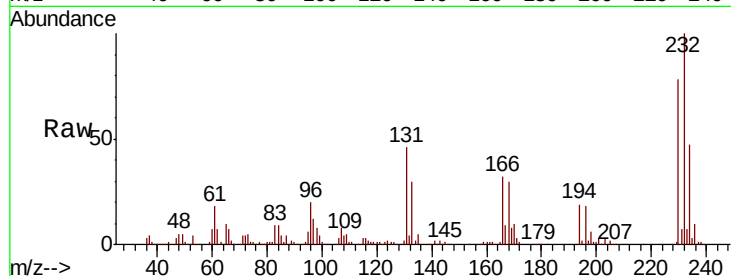
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.830 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.0	55.4
130	2.3	1.8	2.6
166	32.2	22.0	33.0

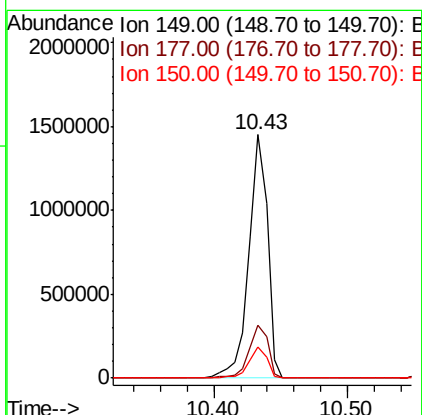
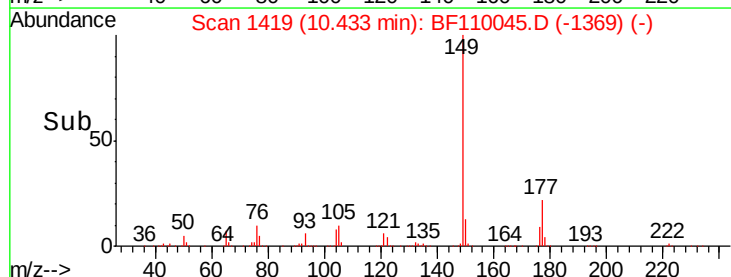
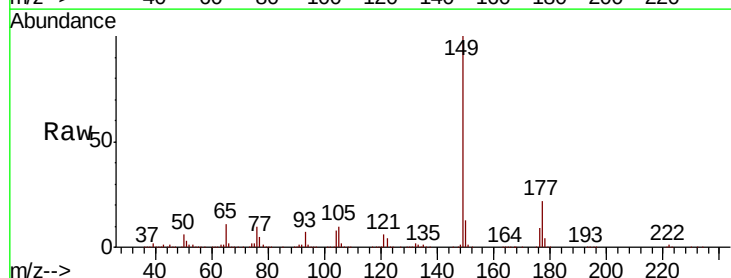
Manual Integrations
 APPROVED

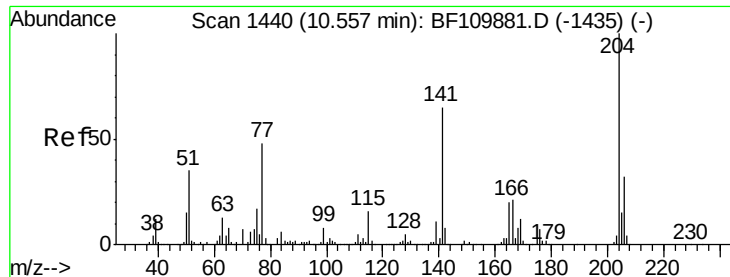
Sohil
 10/23/2018 2:18:37 PM



#60
 Diethylphthalate
 Concen: 40.328 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.7	9.8	14.8





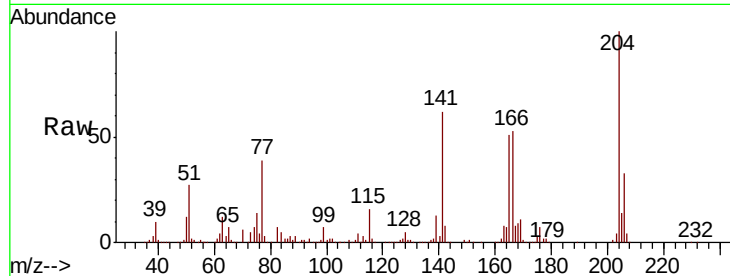
#61
4-Chlorophenyl-phenylether
Concen: 38.361 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.5	51.8	77.8

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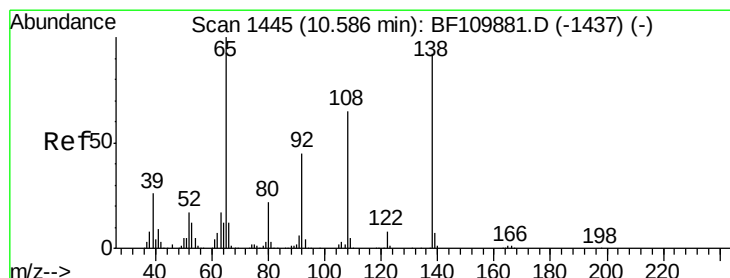
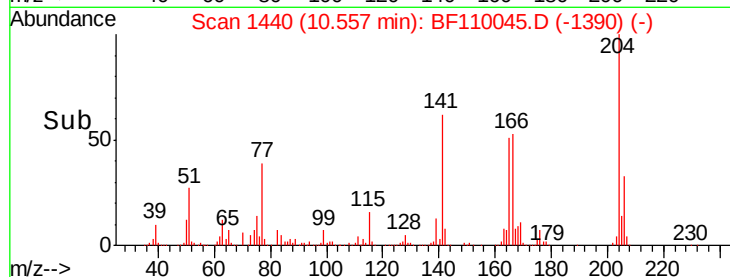
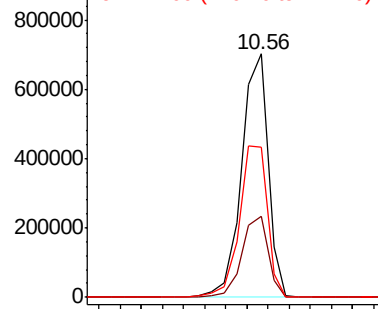


Abundance

Ion 204.00 (203.70 to 204.70): E

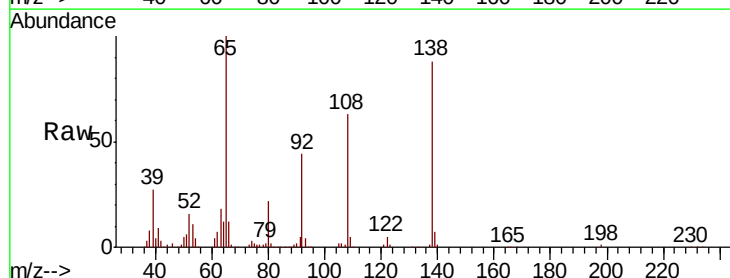
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.030 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	71.3	59.3	99.3

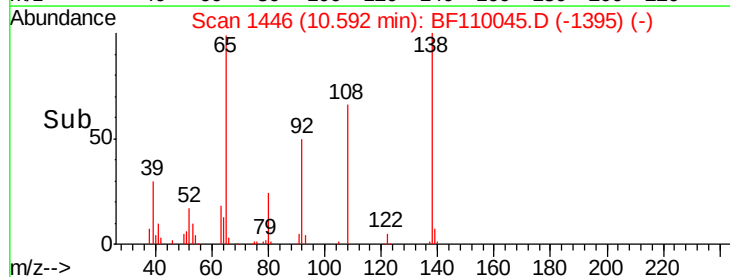
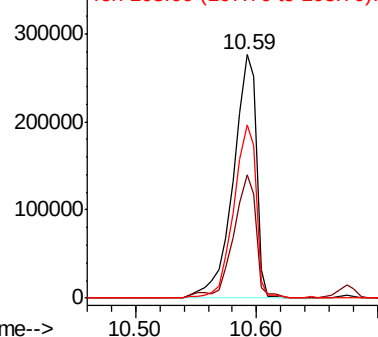


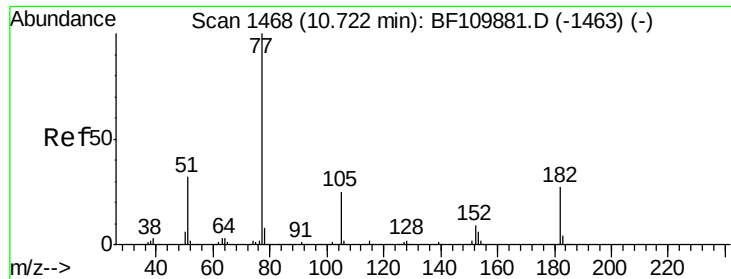
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.634 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion: 77 Resp: 1379554

Ion Ratio Lower Upper

77 100

182 26.1 4.3 44.3

105 23.1 1.3 41.3

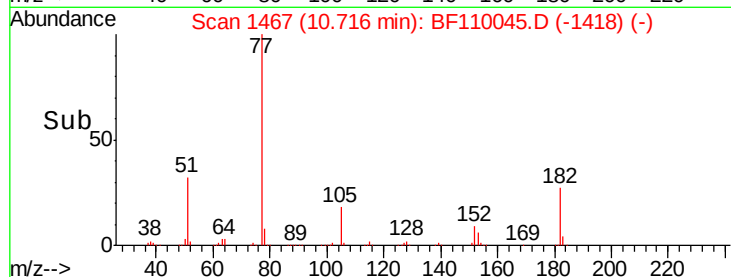
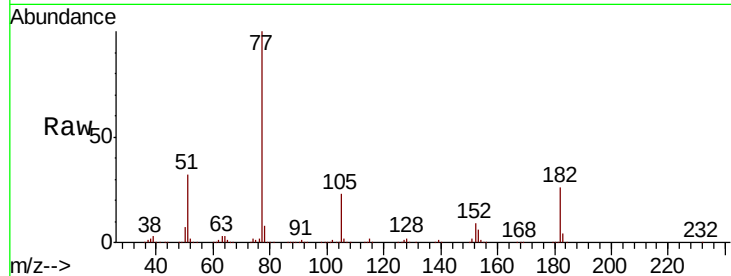
51 32.5 9.0 49.0

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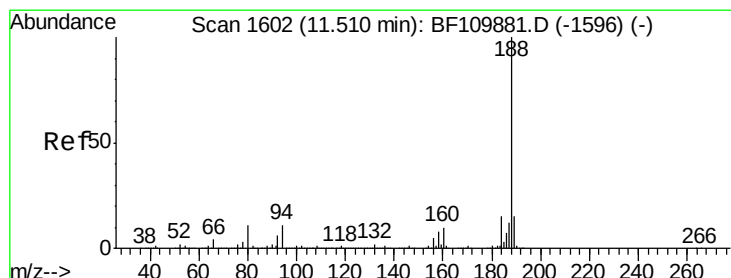
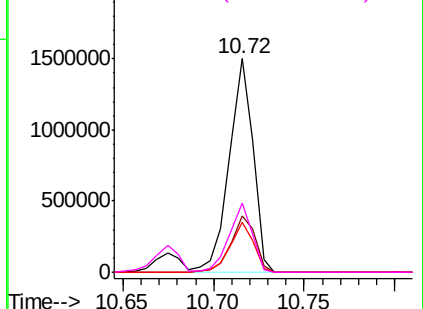


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

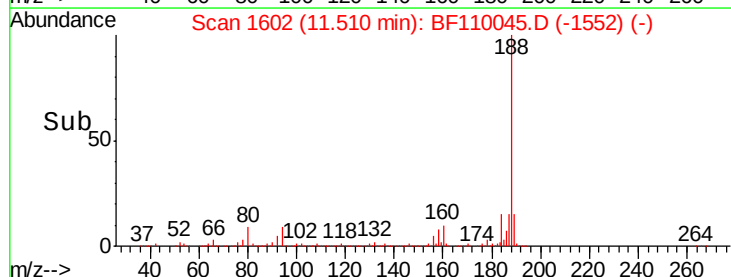
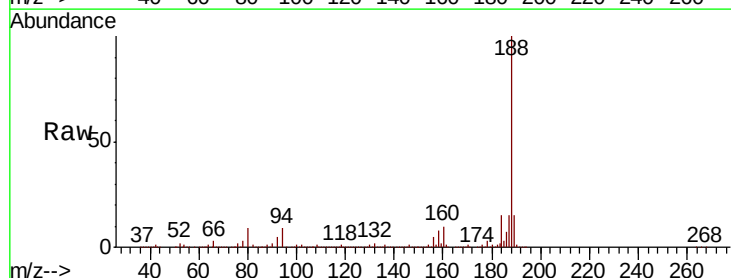
Tgt Ion: 188 Resp: 913672

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

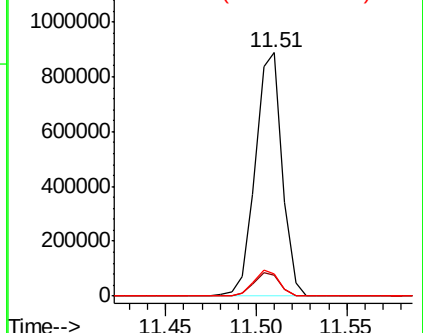
80 9.2 7.9 11.9

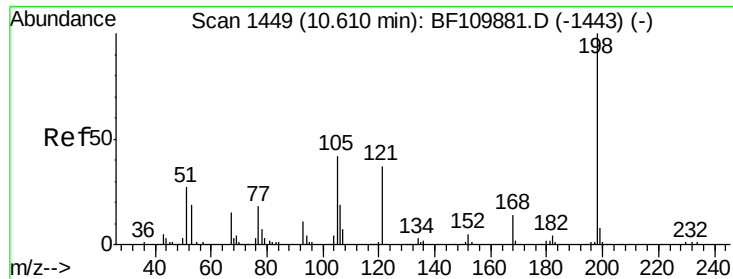


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





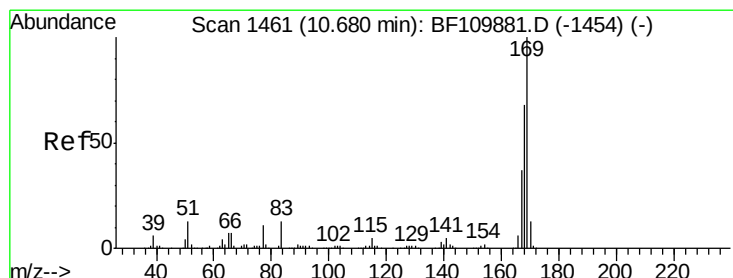
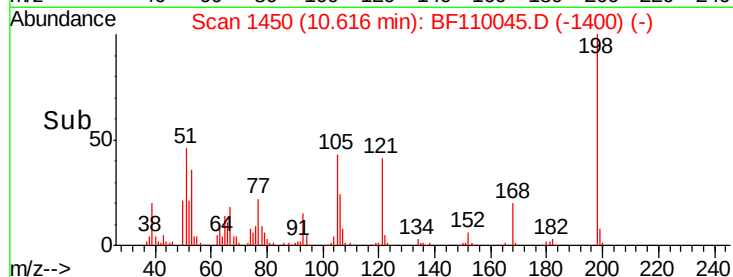
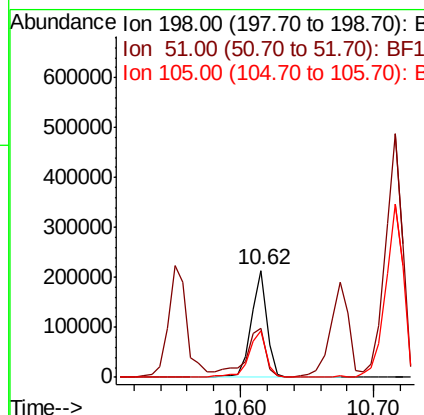
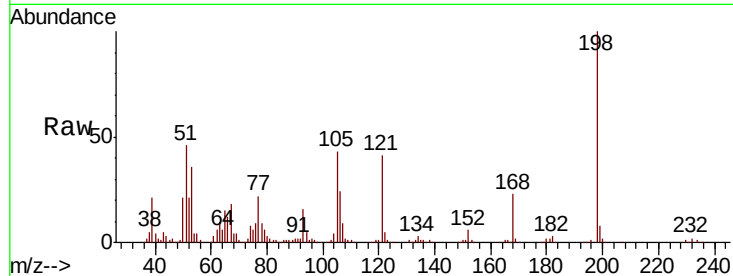
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.885 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	170315		
51	45.6	22.8	62.8	
105	43.3	23.6	63.6	

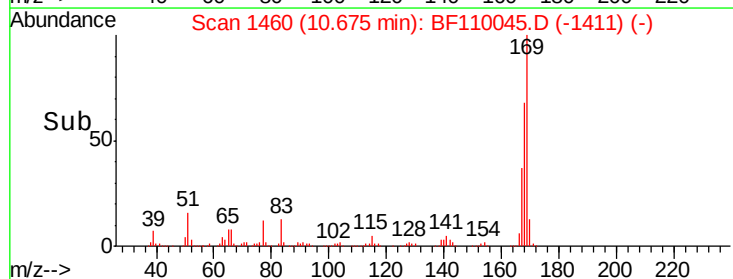
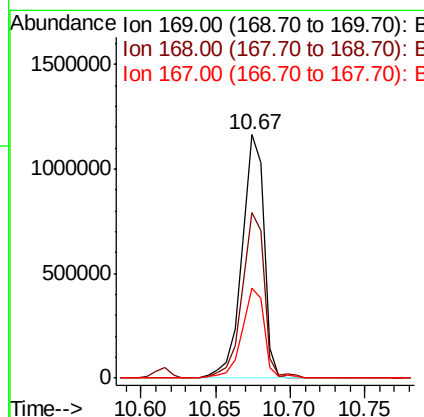
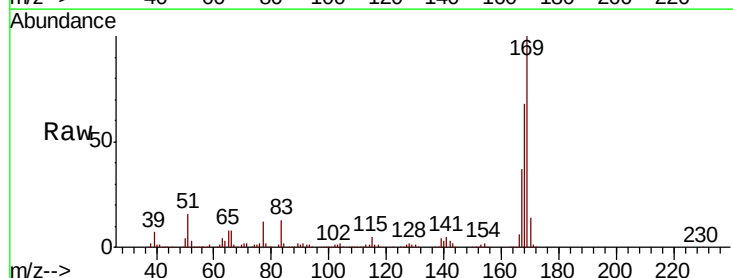
Manual Integrations
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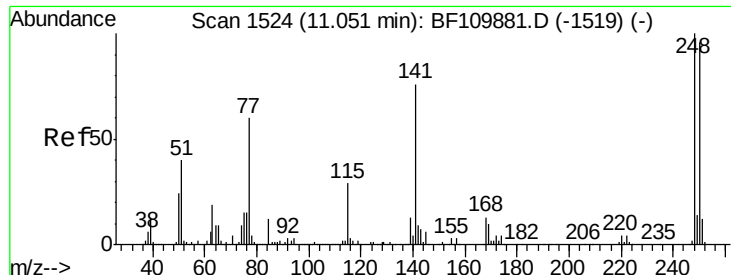
Sohil
 10/23/2018 2:18:37 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.082 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1189283		
168	67.7	51.2	76.8	
167	37.1	27.8	41.6	





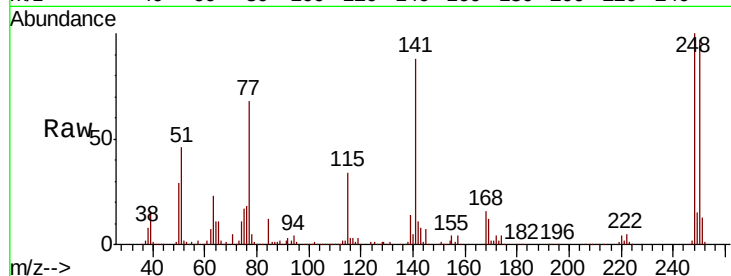
#67
4-Bromophenyl-phenylether
Concen: 38.251 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.2
141	88.5	55.9	83.9#

Manual Integrations
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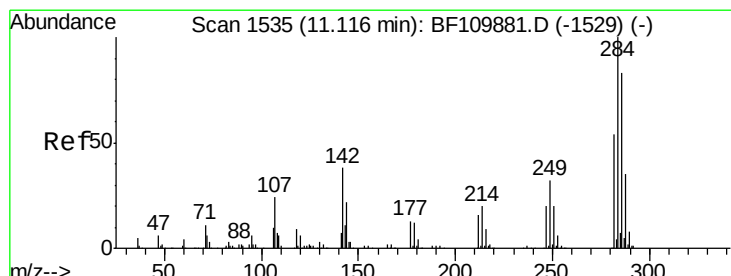
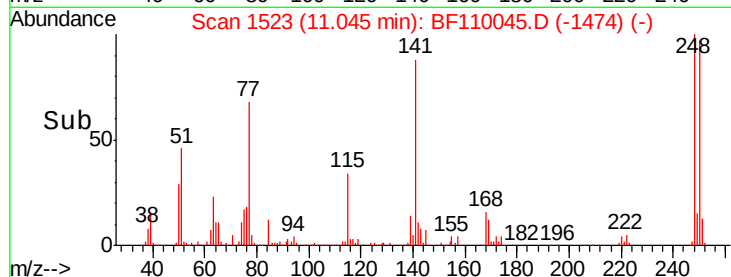
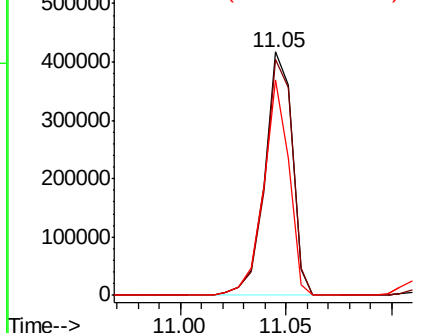


Abundance

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



#68
Hexachlorobenzene
Concen: 38.330 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

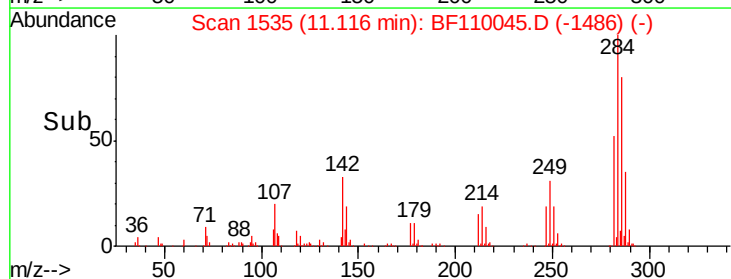
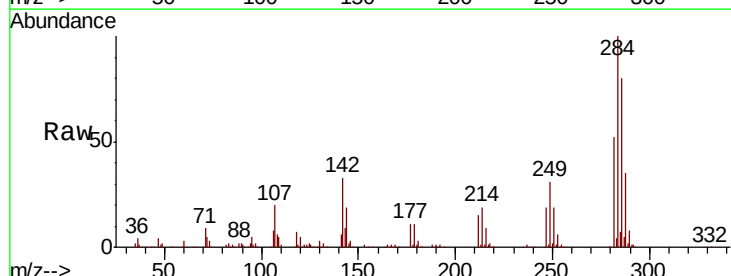
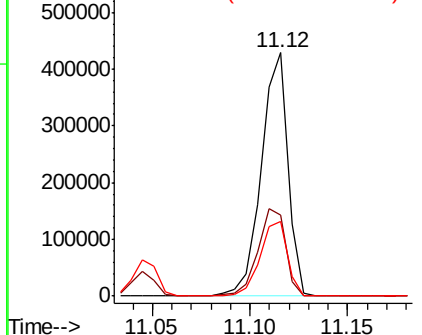
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	23.9	35.9
249	30.9	24.2	36.2

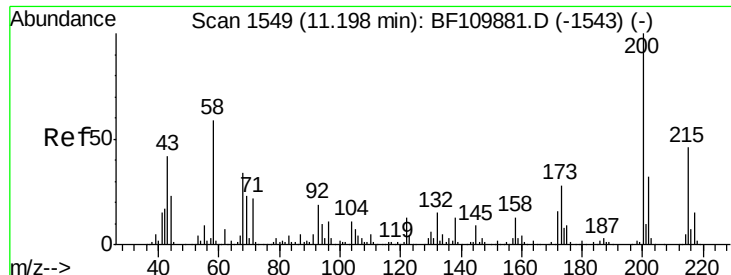
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





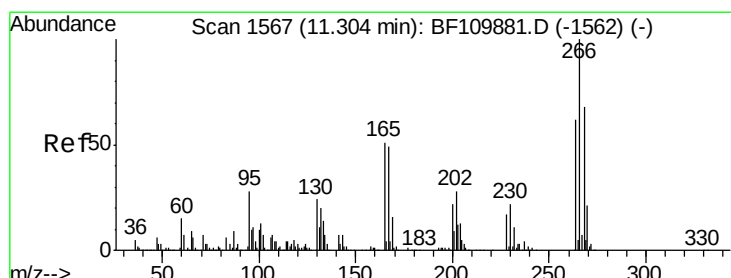
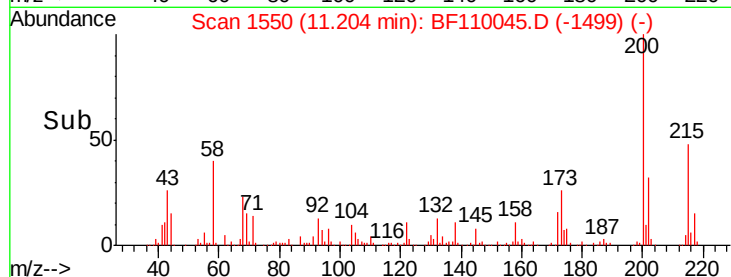
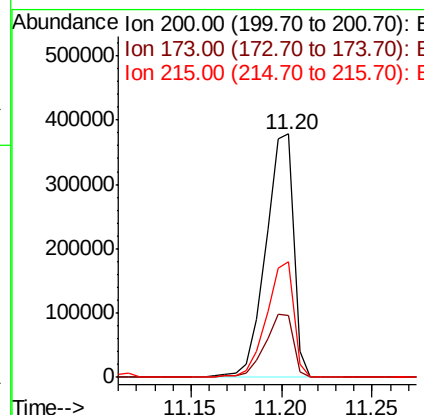
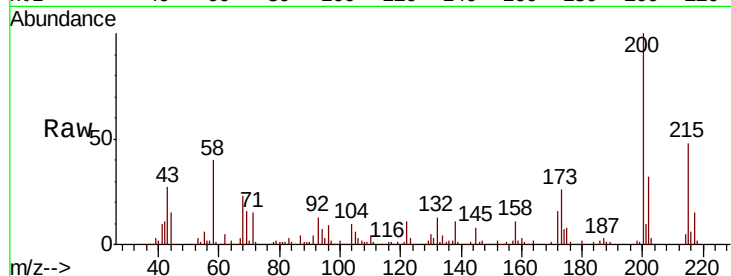
#69
 Atrazine
 Concen: 42.466 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	47.7	26.3	66.3

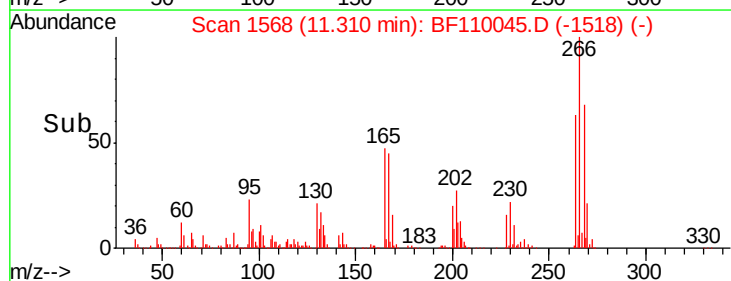
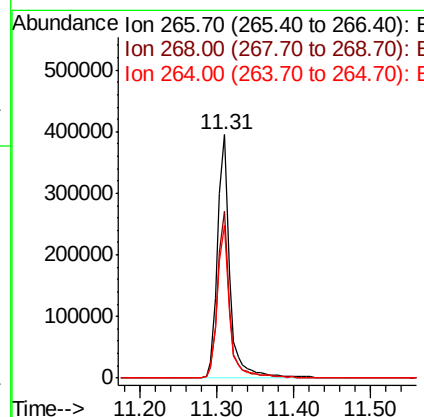
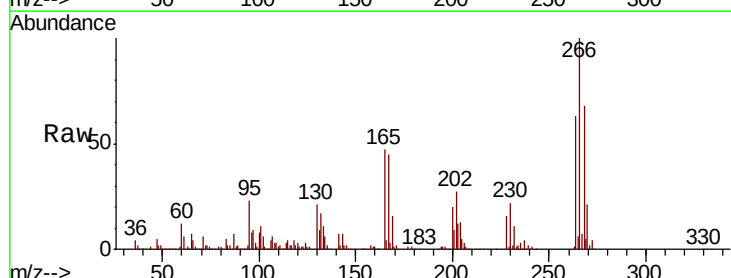
Manual Integrations
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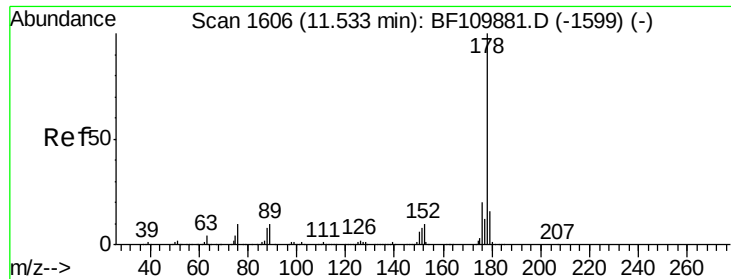
Sohil
 10/23/2018 2:18:37 PM



#70
 Pentachlorophenol
 Concen: 72.501 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	50.6	75.8
264	62.6	50.6	75.8





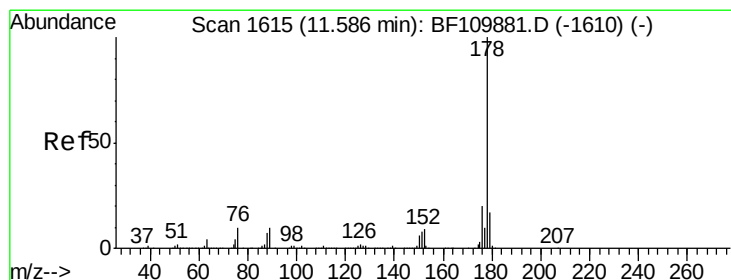
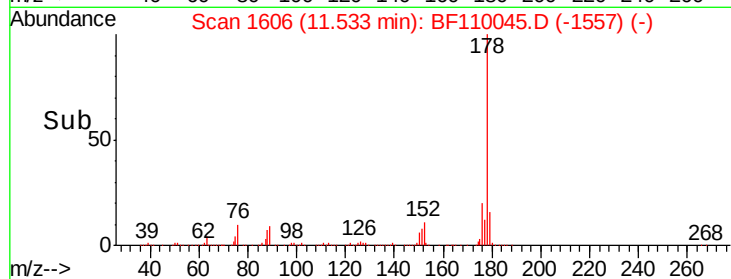
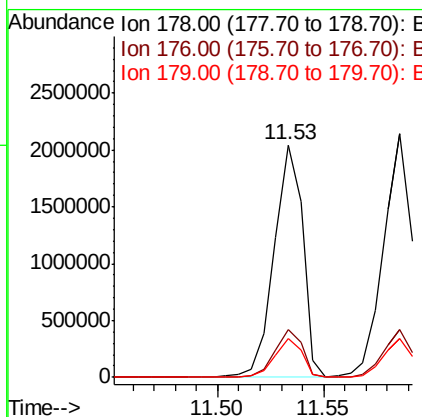
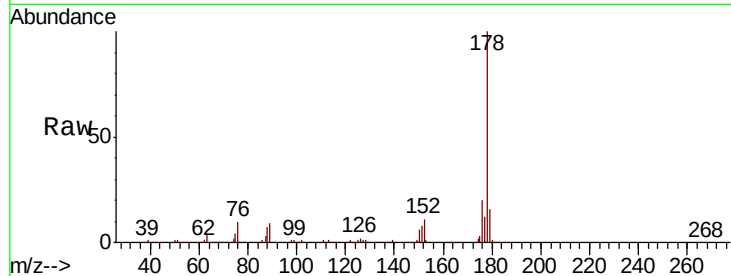
#71
Phenanthrene
Concen: 40.954 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	16.5	12.5	18.7

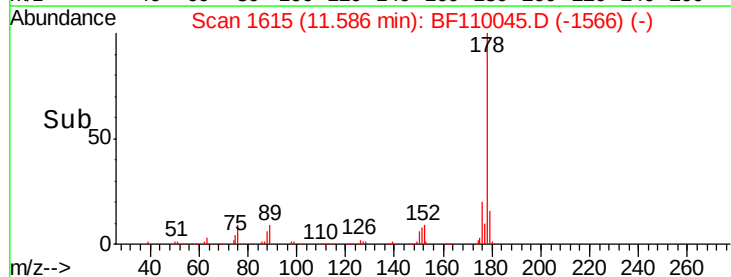
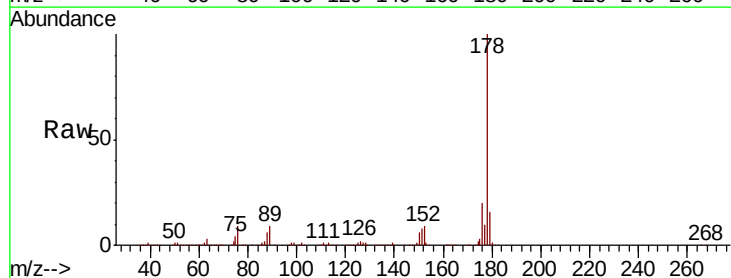
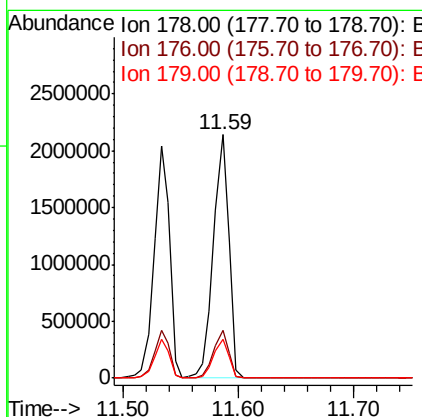
Manual Integrations
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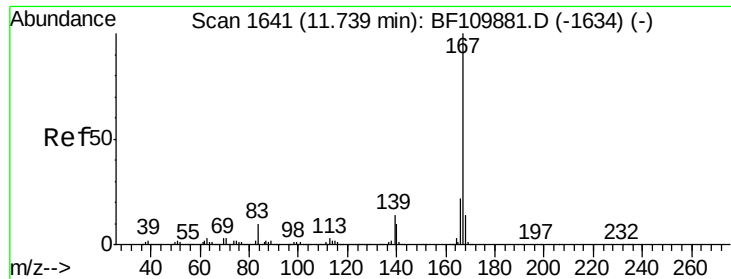
Sohil
10/23/2018 2:18:37 PM



#72
Anthracene
Concen: 41.975 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.2	12.6	18.8





#73

Carbazole

Concen: 38.116 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:167 Resp: 1781419

Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.0

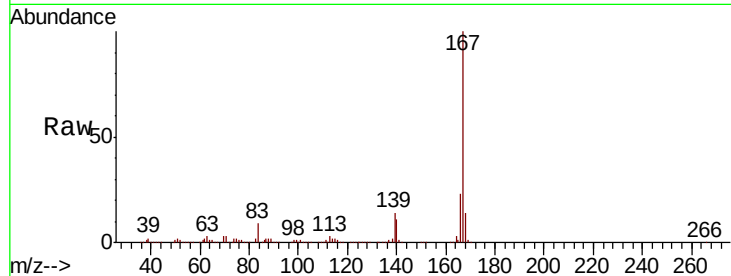
139 14.0 10.9 16.3

Manual Integrations

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Sohil

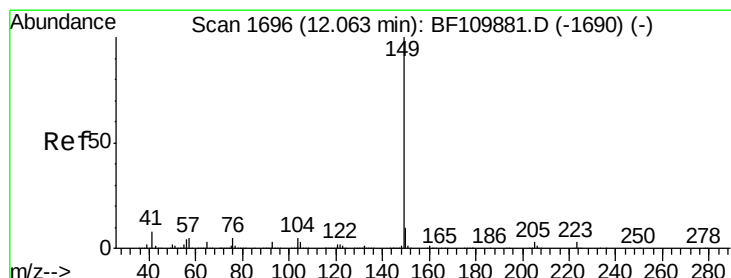
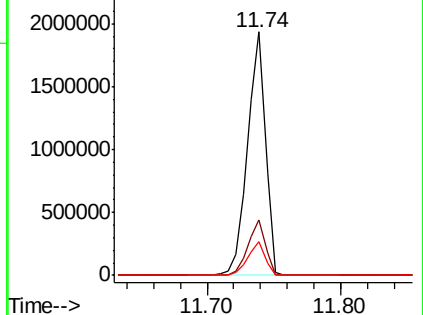
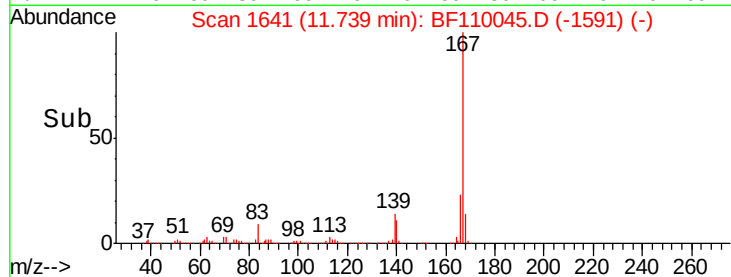
10/23/2018 2:18:37 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.159 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

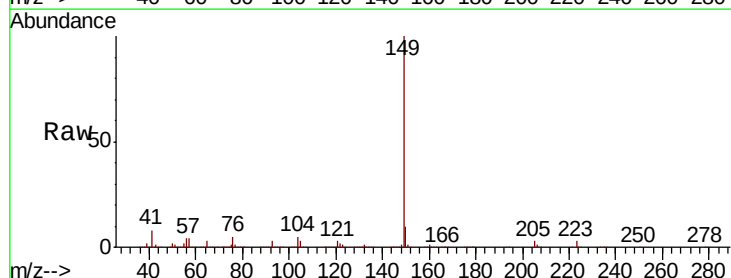
Tgt Ion:149 Resp: 2042500

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

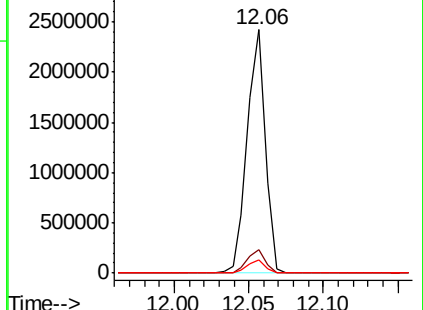
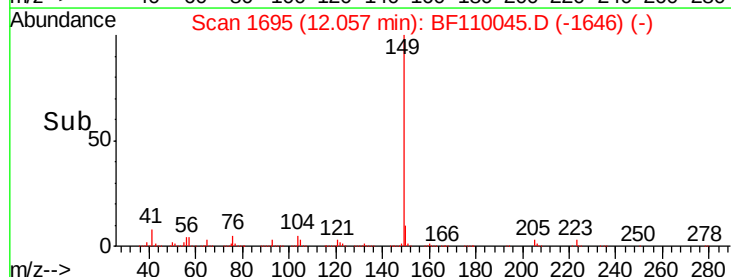
104 5.5 4.2 6.4

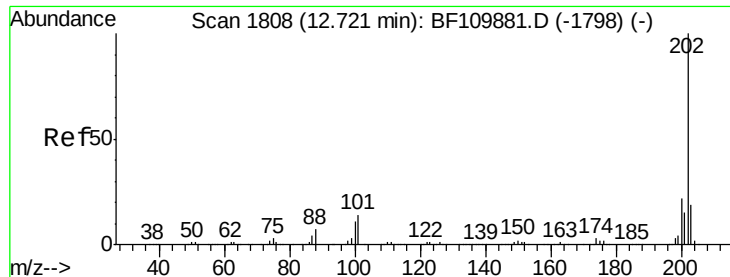


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





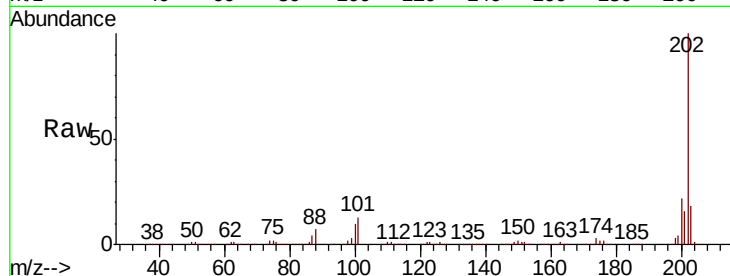
#75
 Fluoranthene
 Concen: 42.003 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB114048BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1984790		
101	12.8		0.0	31.4
203	18.5		0.0	37.7

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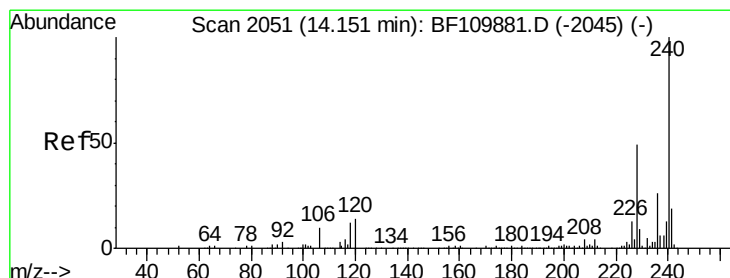
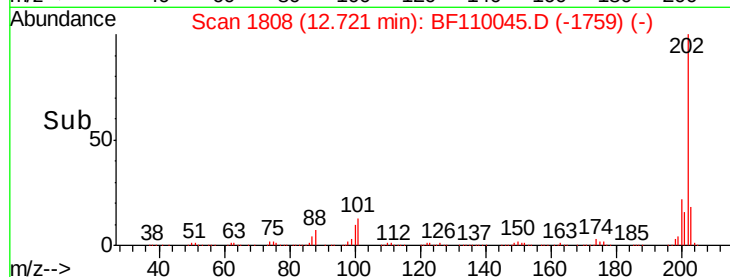
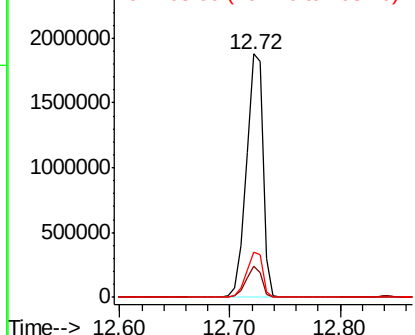


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110045.D
 Acq: 22 Oct 2018 13:22

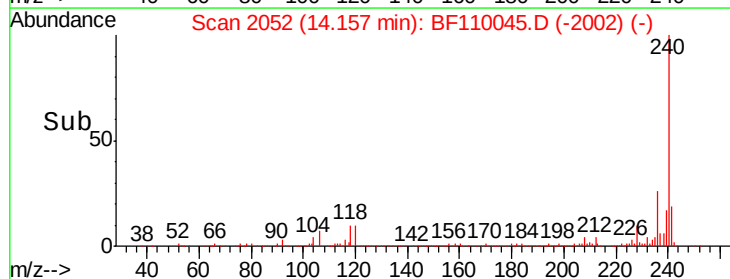
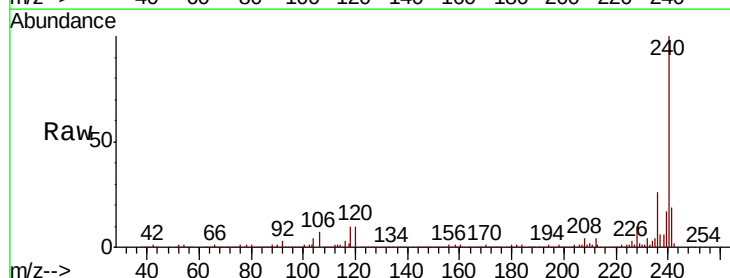
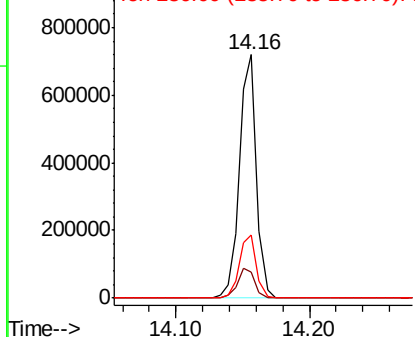
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	638310		
120	10.5		8.3	12.5
236	25.9		21.2	31.8

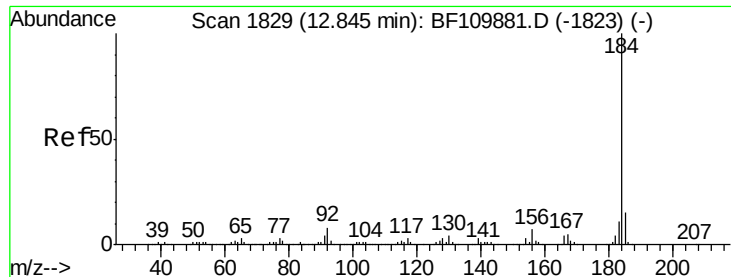
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.495 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:184 Resp: 1113430

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.2

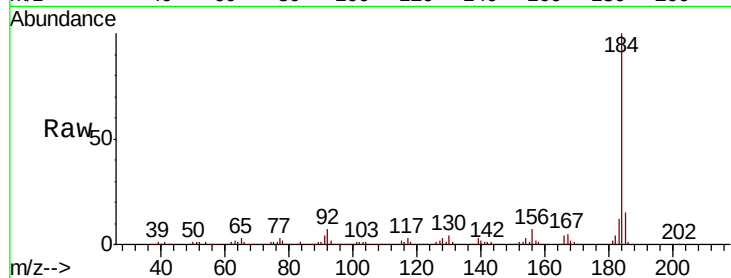
183 12.2 9.4 14.2

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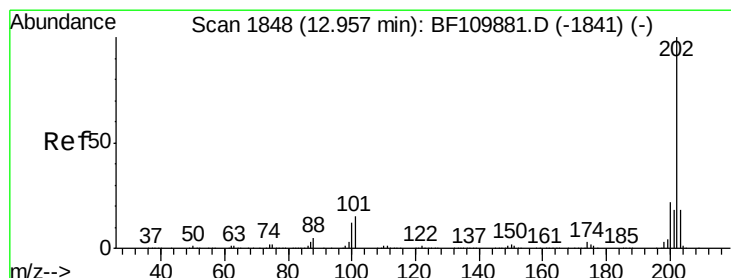
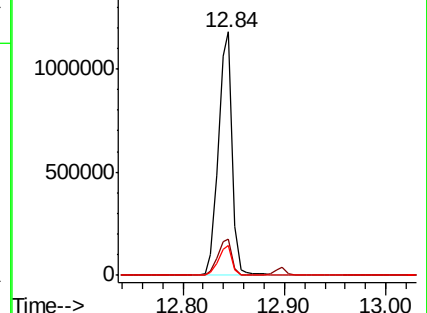
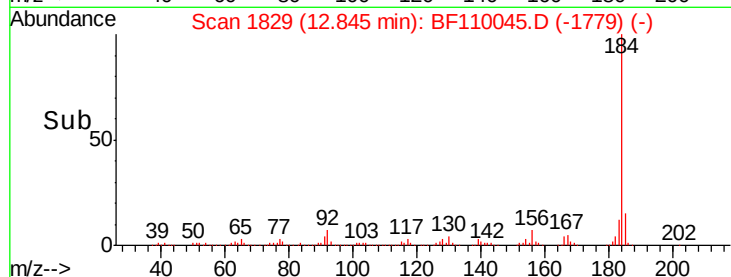
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.269 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

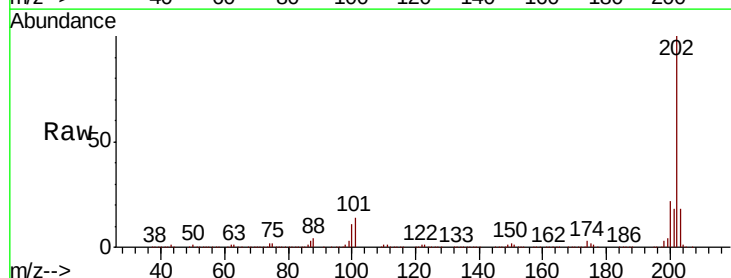
Tgt Ion:202 Resp: 1981662

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

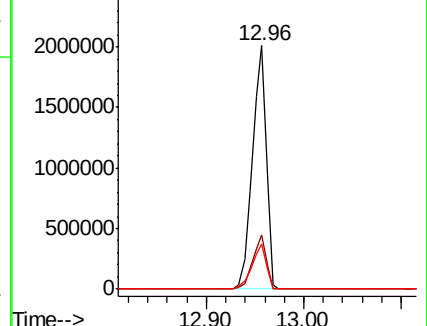
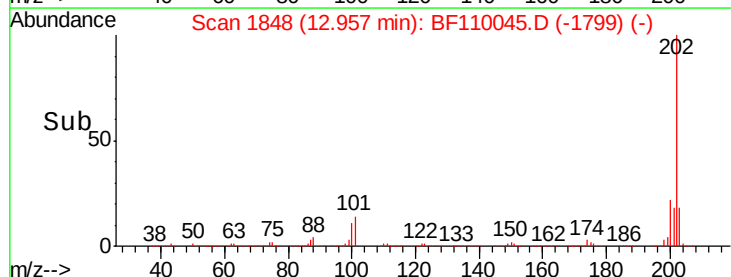
203 18.5 14.2 21.4

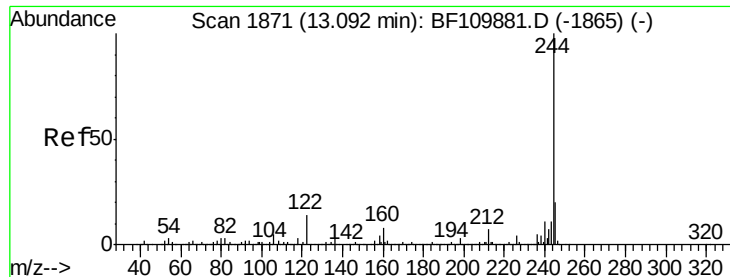


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.303 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:244 Resp: 1893797

Ion Ratio Lower Upper

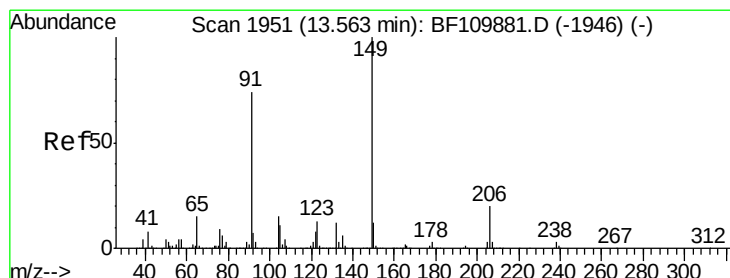
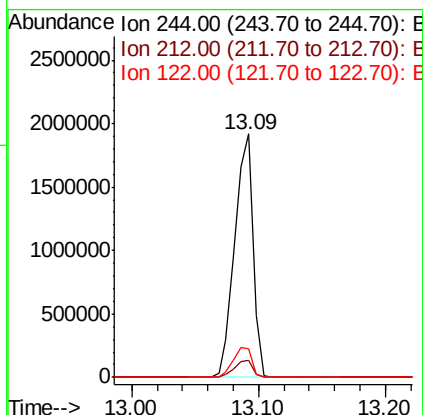
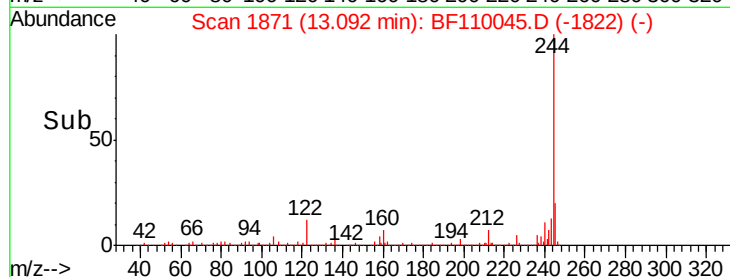
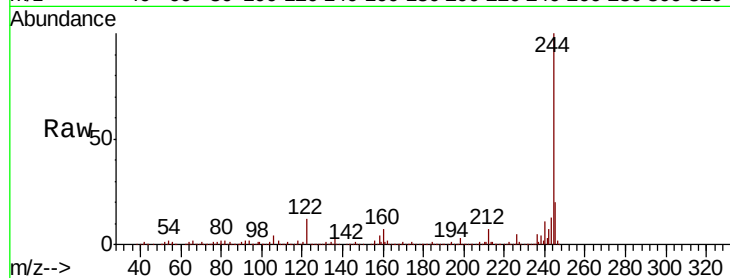
244 100

212 7.3 5.8 8.8

122 11.9 8.7 13.1

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#80

Butylbenzylphthalate

Concen: 45.645 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

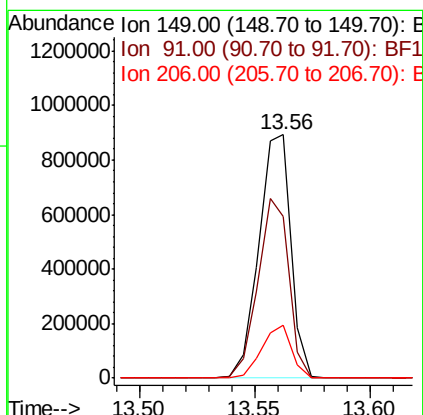
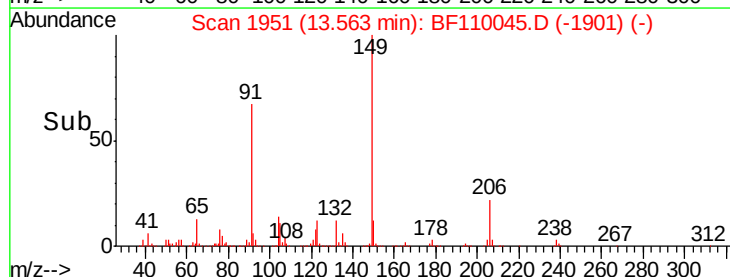
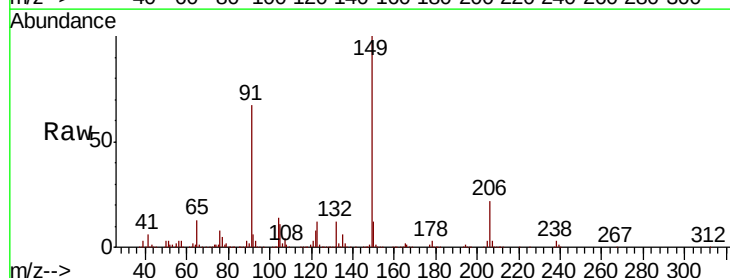
Tgt Ion:149 Resp: 865143

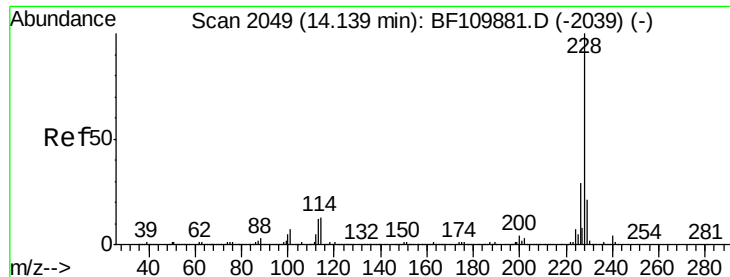
Ion Ratio Lower Upper

149 100

91 66.6 57.2 85.8

206 21.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.504 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:228 Resp: 1635678

Ion Ratio Lower Upper

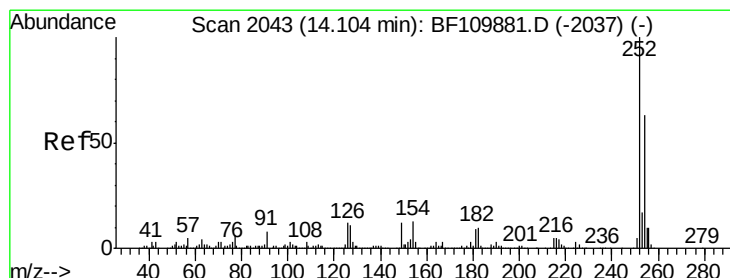
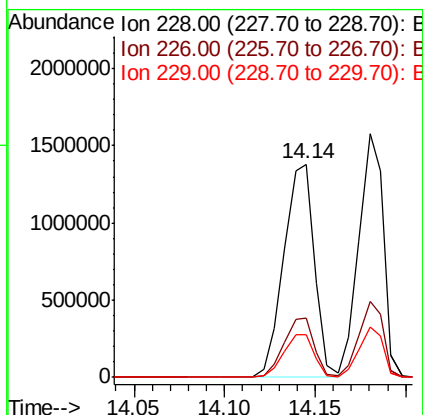
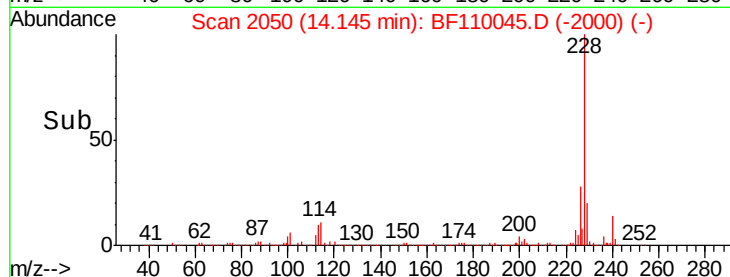
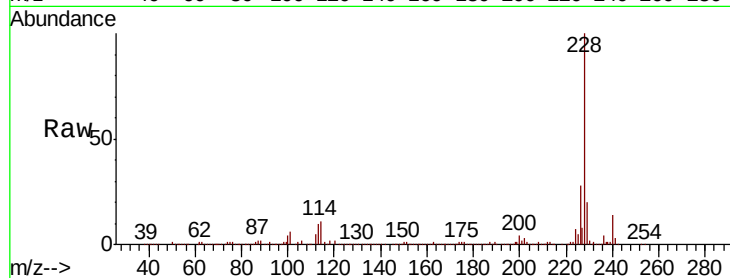
228 100

226 27.9 22.1 33.1

229 20.2 15.6 23.4

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#82

3,3'-Dichlorobenzidine

Concen: 27.371 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

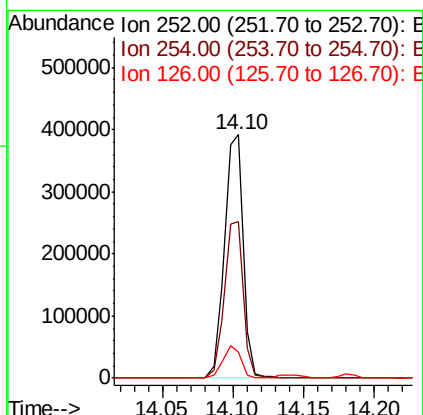
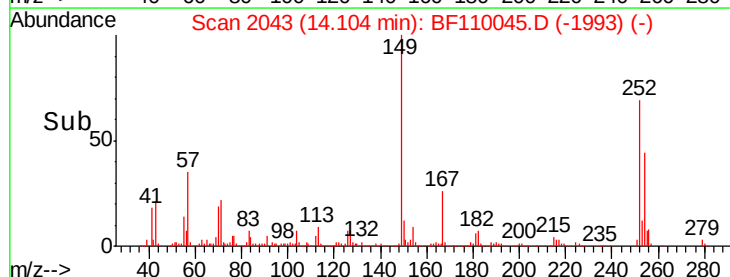
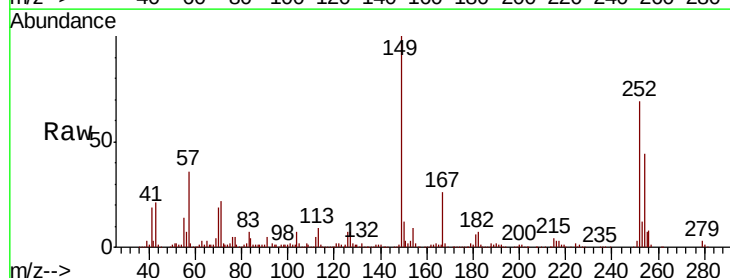
Tgt Ion:252 Resp: 360778

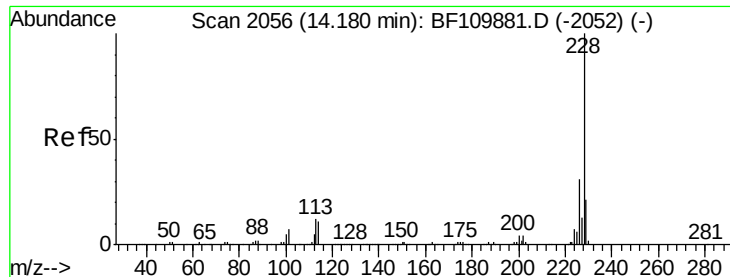
Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

126 10.6 9.4 14.2





#83

Chrysene

Concen: 41.653 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

Instrument :

BNA_F

ClientSampleId :

PB114048BS

Tot Ion:228 Resp: 1490645

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

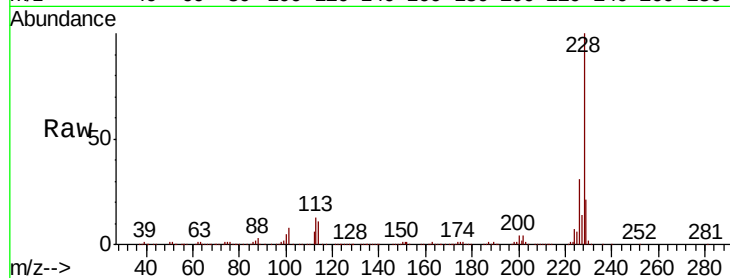
229 20.6 15.9 23.9

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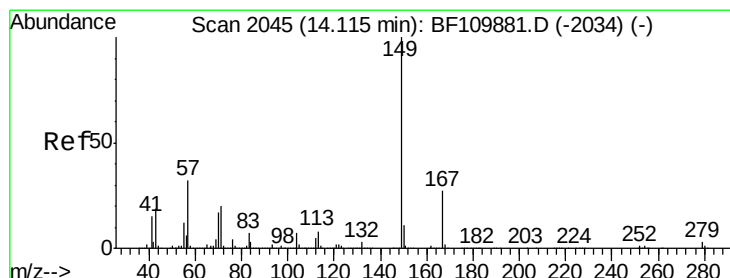
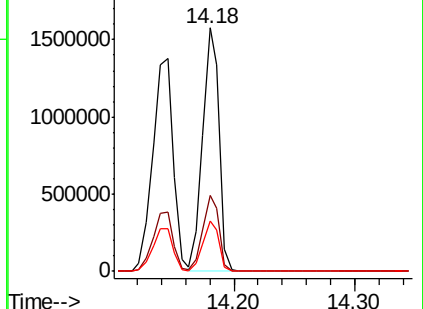
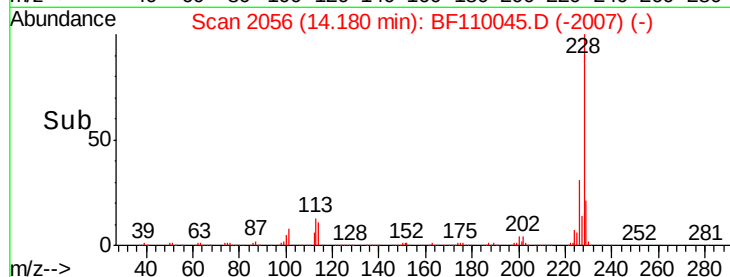
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.884 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110045.D

Acq: 22 Oct 2018 13:22

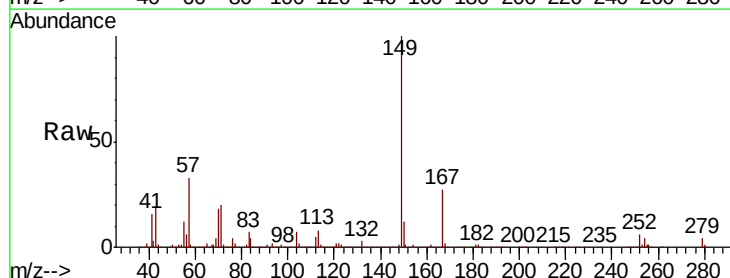
Tgt Ion:149 Resp: 1119404

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

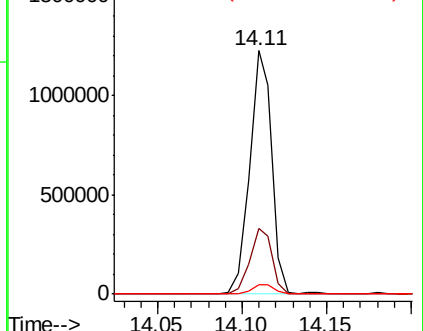
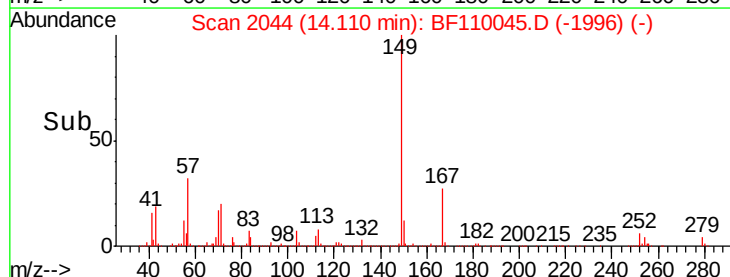
279 3.6 2.7 4.1

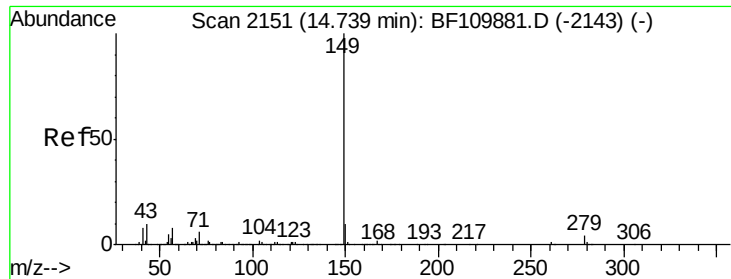


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





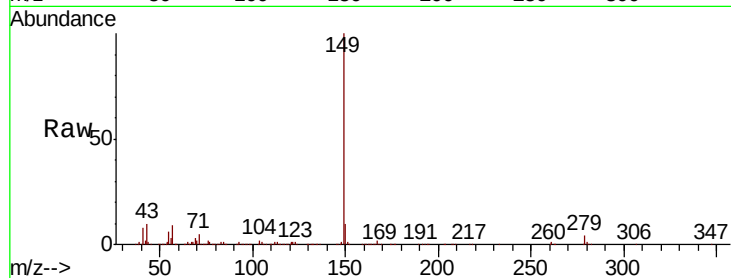
#85
Di-n-octyl phthalate
Concen: 47.358 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.7	7.8	11.8

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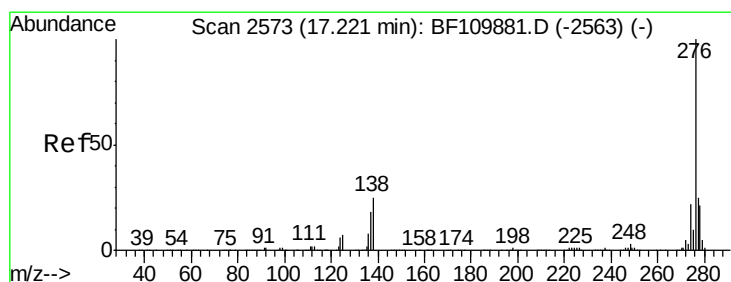
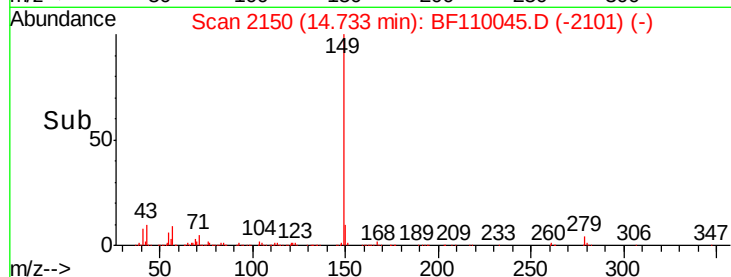
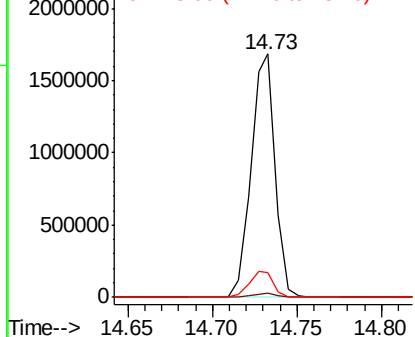


Abundance

Ion 149.00 (148.70 to 149.70): E

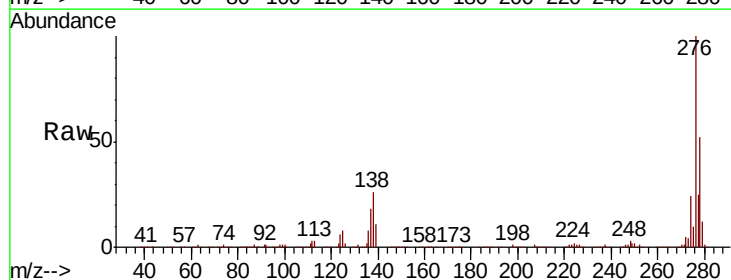
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.479 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	18.5	27.7#
277	24.9	20.0	30.0

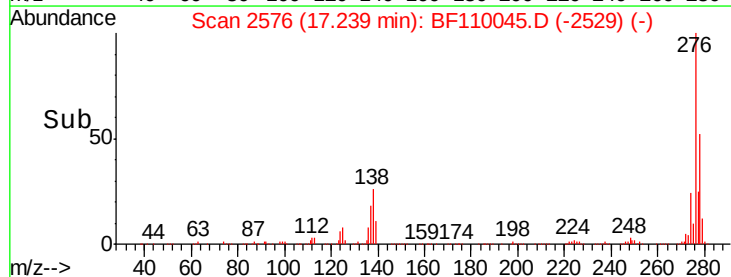
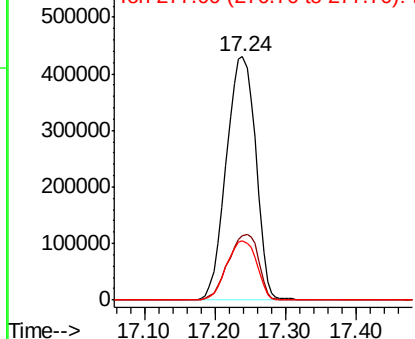


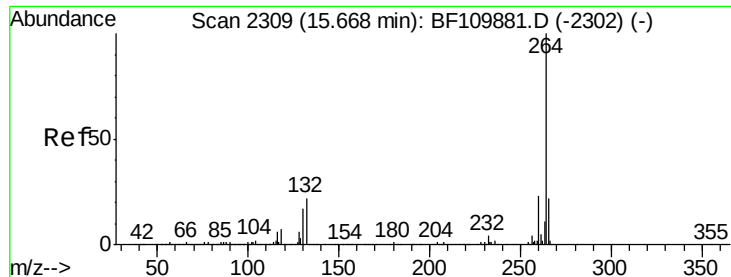
Abundance

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





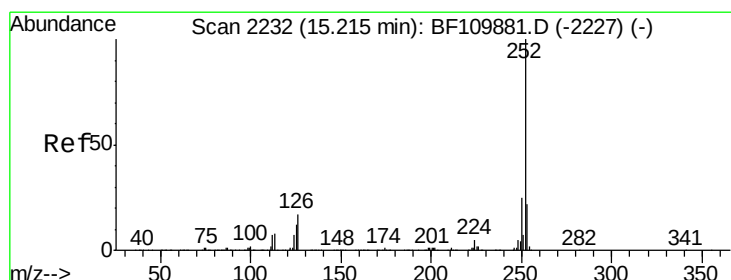
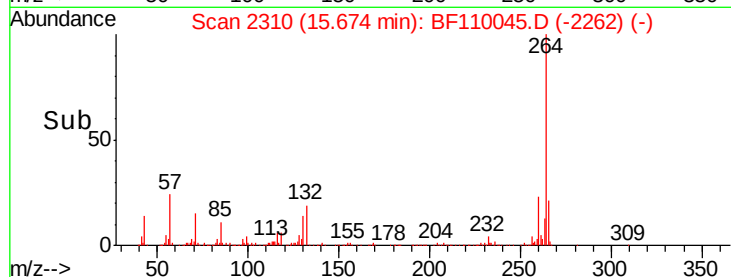
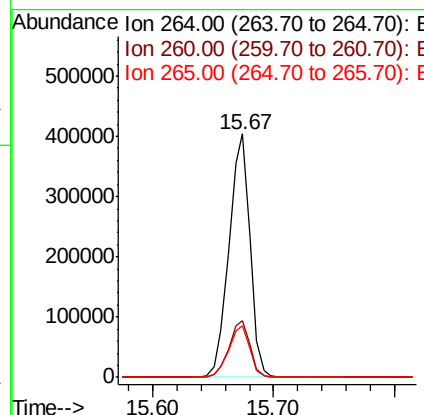
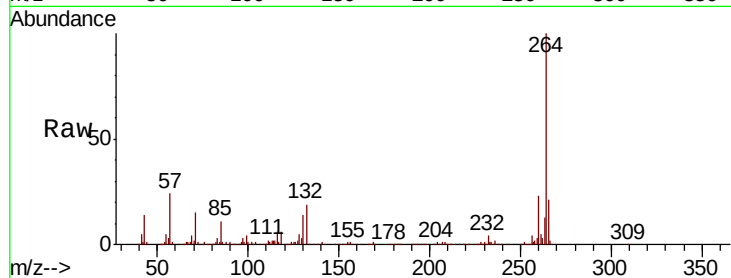
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	16.7	25.1

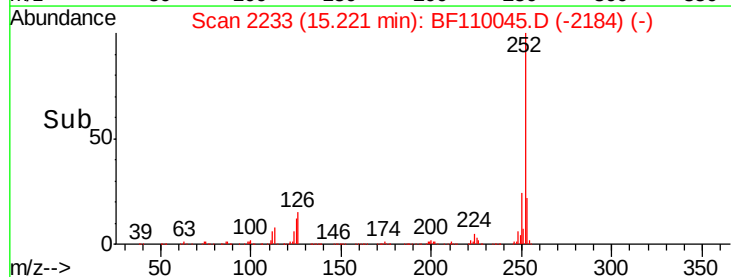
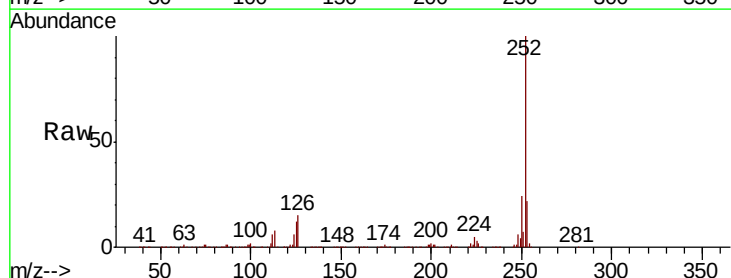
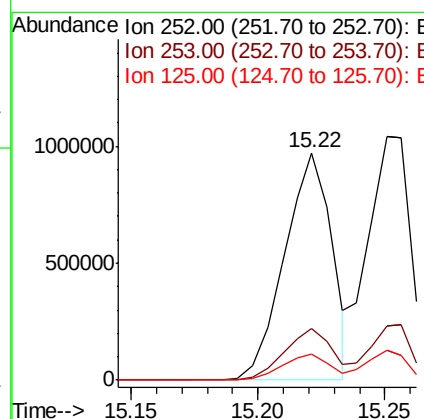
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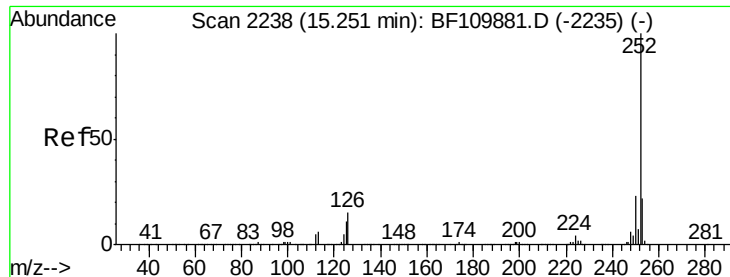
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#88
Benzo(b)fluoranthene
Concen: 45.263 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.7	8.2	12.4





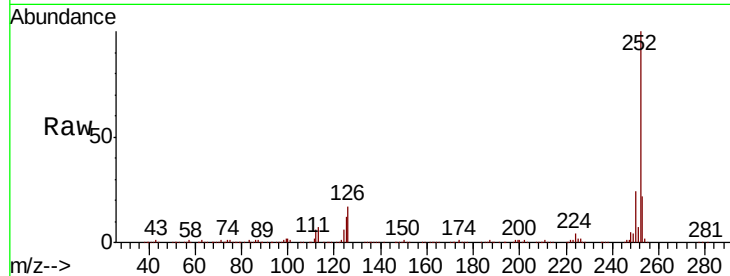
#89
Benzo(k)fluoranthene
Concen: 44.611 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

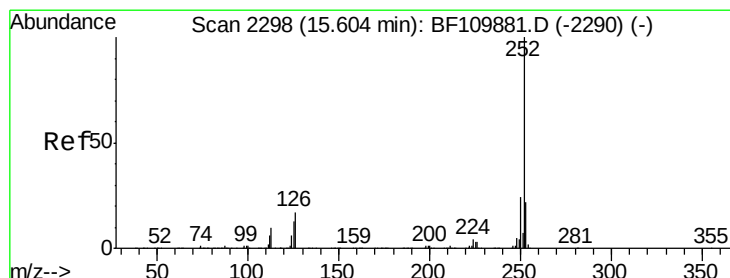
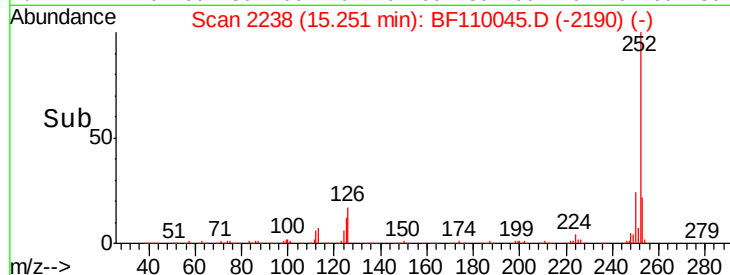
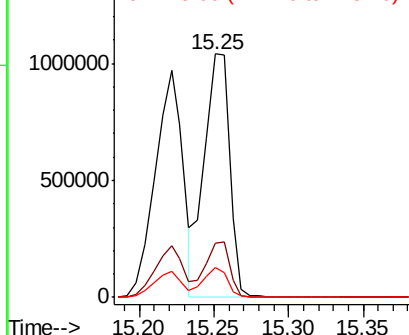
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.1	7.4	11.0

Manual Integrations
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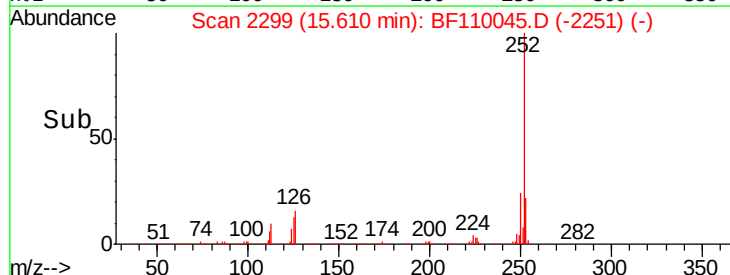
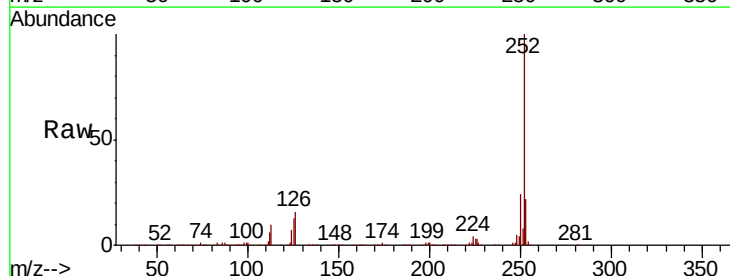
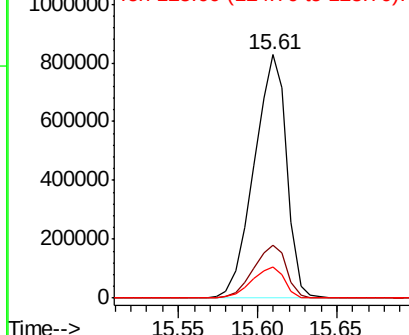
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

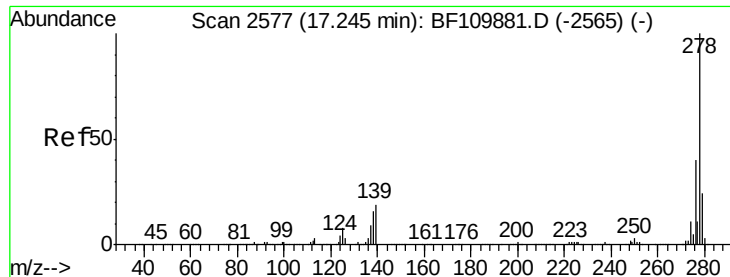


#90
Benzo(a)pyrene
Concen: 46.043 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	12.9	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





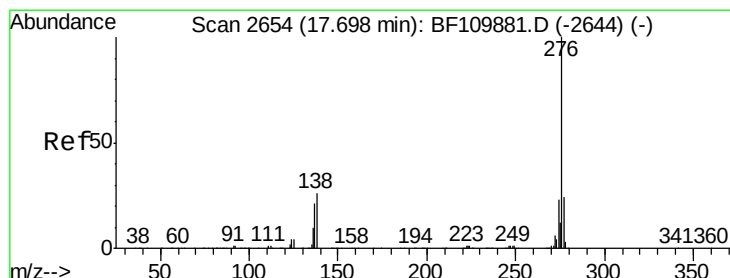
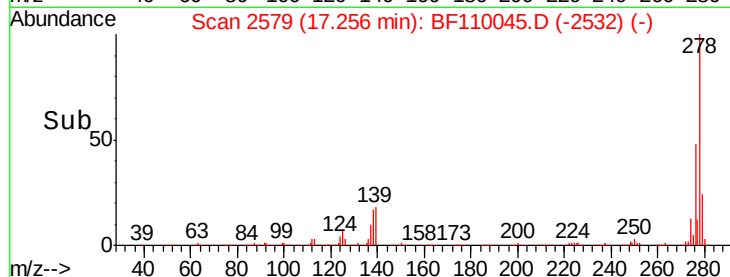
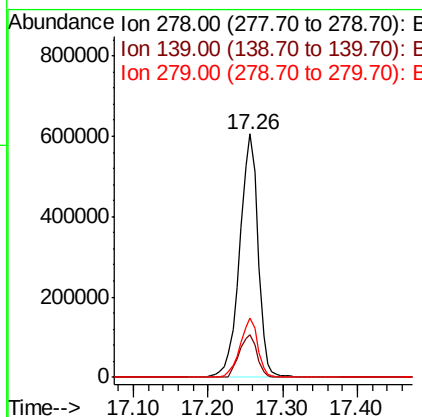
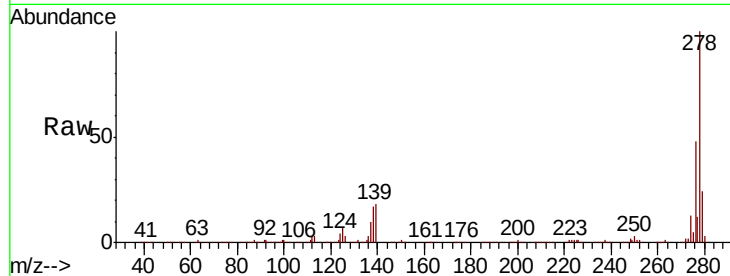
#91
Dibenzo(a,h)anthracene
Concen: 45.374 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Instrument :
BNA_F
ClientSampleId :
PB114048BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	24.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:37 PM



#92
Benzo(g,h,i)perylene
Concen: 45.780 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF110045.D
Acq: 22 Oct 2018 13:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.1	16.0	24.0

