

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109176.D
 Acq On : 20 Sep 2018 5:59
 Operator : JU/SJ
 Sample : PB112999BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Manual Integrations
 APPROVED

Sohil
 9/20/2018 10:06:58 AM

Quant Time: Sep 20 08:41:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125291	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	453459	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195393	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	323344	20.00	ng	0.00
75) Chrysene-d12	13.85	240	273698	20.00	ng	0.00
86) Perylene-d12	15.25	264	260851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	546768	72.48	ng	0.01
7) Phenol-d6	6.36	99	676387	69.54	ng	0.00
23) Nitrobenzene-d5	7.28	82	611764	75.67	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	130904	61.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1080898	86.67	ng	0.00
78) Terphenyl-d14	12.81	244	922505	79.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	107575	29.958	ng	94
3) Pyridine	3.18	79	300873	31.607	ng	90
4) n-Nitrosodimethylamine	3.11	42	141326	39.310	ng	# 98
6) Aniline	6.38	93	192192	15.286	ng	# 76
8) 2-Chlorophenol	6.51	128	292751	34.678	ng	96
9) Benzaldehyde	6.26	77	116514	18.755	ng	98
10) Phenol	6.37	94	357231	32.639	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	291518	33.856	ng	98
12) 1,3-Dichlorobenzene	6.66	146	331367	34.323	ng	97
13) 1,4-Dichlorobenzene	6.74	146	332251	34.304	ng	99
14) 1,2-Dichlorobenzene	6.90	146	309036	34.417	ng	97
15) Benzyl Alcohol	6.87	79	255195	34.557	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	409472	33.190	ng	94
17) 2-Methylphenol	6.98	107	236783	34.379	ng	97
18) Hexachloroethane	7.24	117	116146	33.018	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	213859	33.261	ng	96
20) 3+4-Methylphenols	7.13	107	281884	33.982	ng	# 55
22) Acetophenone	7.13	105	402612	39.096	ng	# 93
24) Nitrobenzene	7.30	77	305403	36.639	ng	100
25) Isophorone	7.54	82	570320	41.038	ng	98
26) 2-Nitrophenol	7.62	139	102538	26.344	ng	98
27) 2,4-Dimethylphenol	7.66	122	252881	41.419	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	361029	38.604	ng	99
29) 2,4-Dichlorophenol	7.86	162	224282	34.472	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	255038	36.264	ng	96
31) Naphthalene	8.02	128	829539	39.414	ng	100
32) Benzoic acid	7.74	122	65645m	16.455	ng	
33) 4-Chloroaniline	8.07	127	96650	10.328	ng	96
34) Hexachlorobutadiene	8.15	225	158897	37.008	ng	97
35) Caprolactam	8.44	113	64174m	30.254	ng	
36) 4-Chloro-3-methylphenol	8.56	107	224072	32.716	ng	99
37) 2-Methylnaphthalene	8.71	142	540639	39.406	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	239057	38.872	ng	98
40) Hexachlorocyclopentadiene	8.87	237	115709	37.343	ng	97

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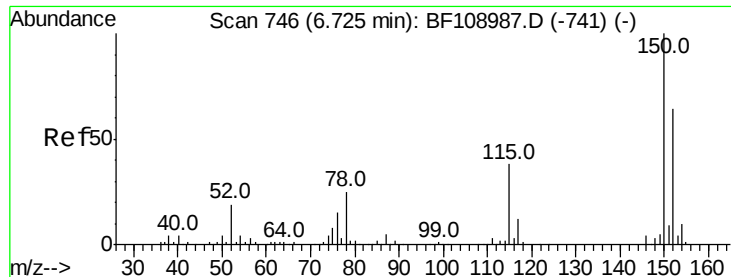
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	145975	35.314	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	146158	33.836	nq	94
45) 1,1'-Biphenyl	9.18	154	618548	39.569	nq	99
46) 2-Chloronaphthalene	9.20	162	479465	38.298	nq	97
47) 2-Nitroaniline	9.29	65	142445	37.011	nq	92
48) Acenaphthylene	9.61	152	745598	39.501	nq	100
49) Dimethylphthalate	9.48	163	563698	40.364	nq	100
50) 2,6-Dinitrotoluene	9.54	165	104627	33.783	nq	96
51) Acenaphthene	9.78	154	436195	37.112	nq	98
52) 3-Nitroaniline	9.70	138	109276	29.964	nq	98
53) 2,4-Dinitrophenol	9.81	184	13665	11.449	nq #	21
54) Dibenzofuran	9.95	168	622357	36.642	nq	97
55) 4-Nitrophenol	9.86	139	116473	43.348	nq	92
56) 2,4-Dinitrotoluene	9.94	165	125347	30.947	nq #	94
57) Fluorene	10.29	166	458034	40.467	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105848	29.594	nq	91
59) Diethylphthalate	10.18	149	540058	38.295	nq	96
60) 4-Chlorophenyl-phenylether	10.29	204	228926	37.771	nq	96
61) 4-Nitroaniline	10.31	138	110644	31.934	nq	100
62) Azobenzene	10.45	77	505857	35.042	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	14118	9.126	nq	85
65) n-Nitrosodiphenylamine	10.41	169	437518	41.366	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	145925	40.031	nq #	90
67) Hexachlorobenzene	10.85	284	151339	38.814	nq #	89
68) Atrazine	10.94	200	134074	39.599	nq	98
69) Pentachlorophenol	11.04	266	97838	39.219	nq	98
70) Phenanthrene	11.25	178	651869	41.127	nq	99
71) Anthracene	11.31	178	663340	41.285	nq	100
72) Carbazole	11.45	167	587217	36.920	nq	99
73) Di-n-butylphthalate	11.79	149	748103	40.181	nq	99
74) Fluoranthene	12.44	202	679662	40.617	nq	96
76) Benzidine	12.55	184	183304	18.920	nq	99
77) Pyrene	12.66	202	689809	33.931	nq	100
79) Butylbenzylphthalate	13.28	149	310860	34.235	nq	96
80) Benzo(a)anthracene	13.84	228	651316	39.306	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	115050	17.206	nq #	97
82) Chrysene	13.88	228	638663	38.523	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	404347	36.778	nq	98
84) Di-n-octyl phthalate	14.45	149	778093	41.729	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	495441	37.379	nq #	93
87) Benzo(b)fluoranthene	14.86	252	590226	40.900	nq	98
88) Benzo(k)fluoranthene	14.89	252	579751m	43.013	nq	
89) Benzo(a)pyrene	15.20	252	532547	41.555	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	419288	38.942	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	400223	37.180	nq #	92

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



#1

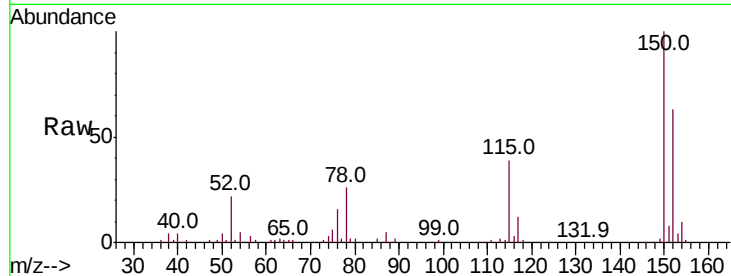
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.4	50.1	75.1

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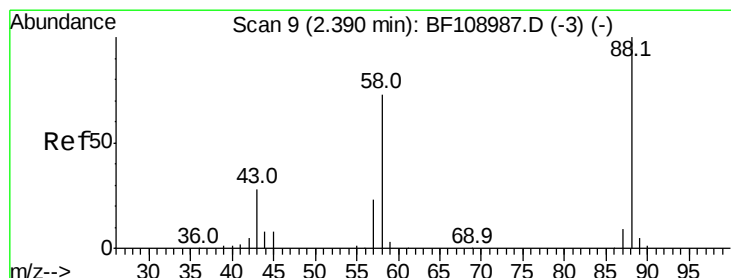
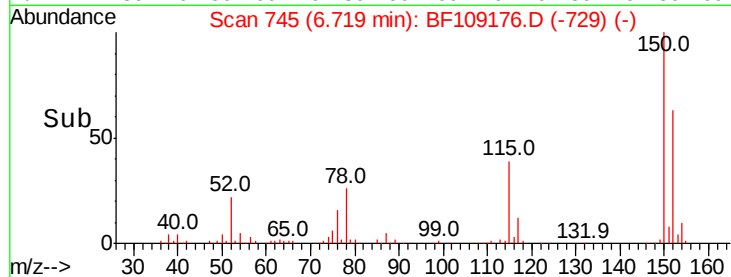
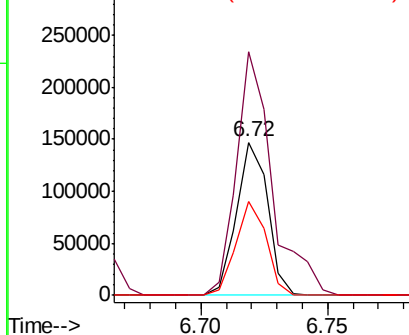


Abundance

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: 29.958 ng
RT: 2.47 min Scan# 23
Delta R.T. 0.08 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

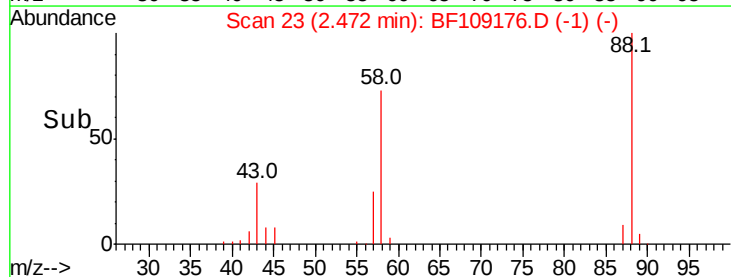
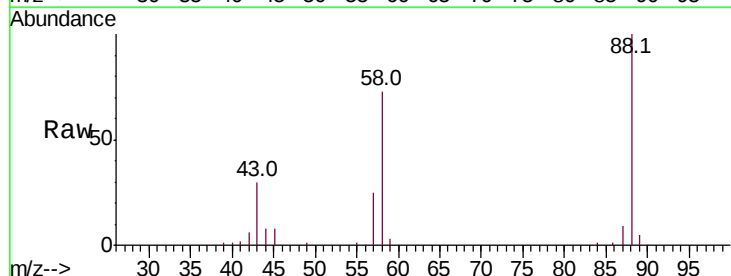
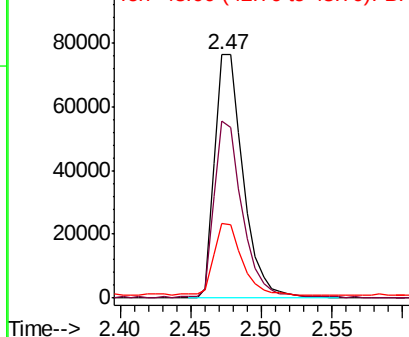
Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	62.6	93.8
43	28.9	24.6	37.0

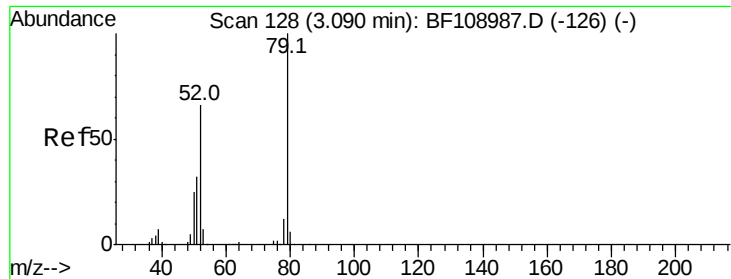
Abundance

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





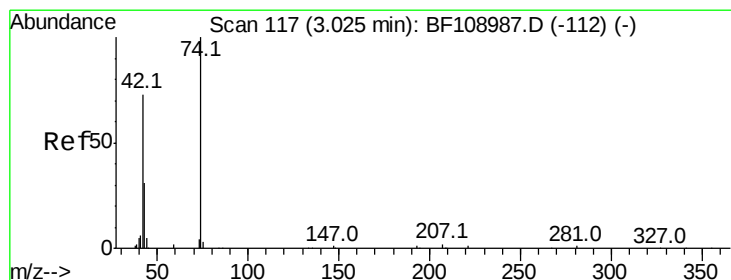
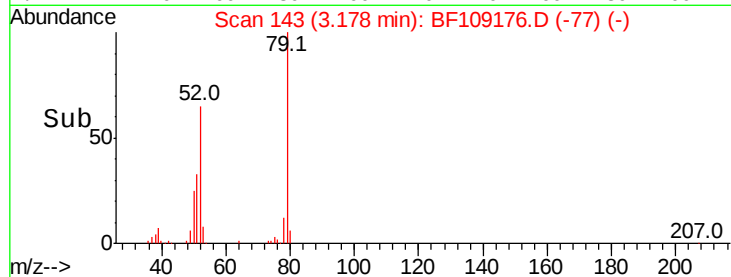
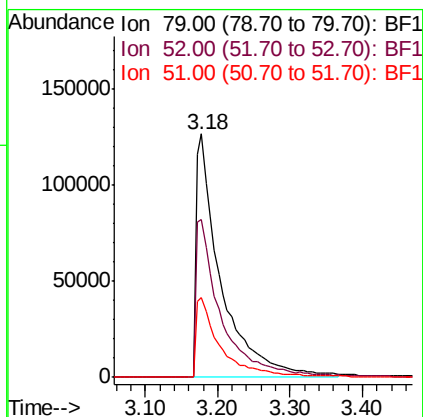
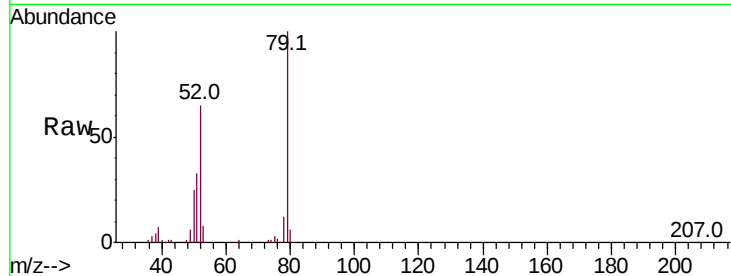
#3
Pvridine
Concen: 31.607 ng
RT: 3.18 min Scan# 143
Delta R.T. 0.09 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	59.8	89.6
51	32.8	29.8	44.8

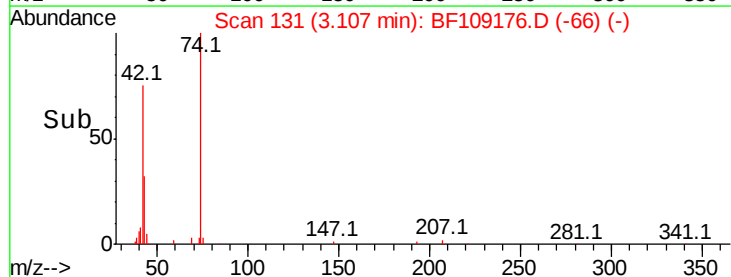
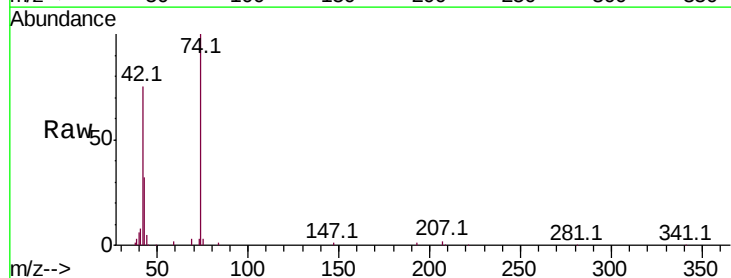
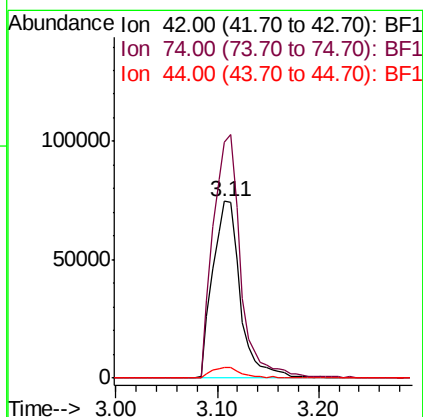
Manual Integrations
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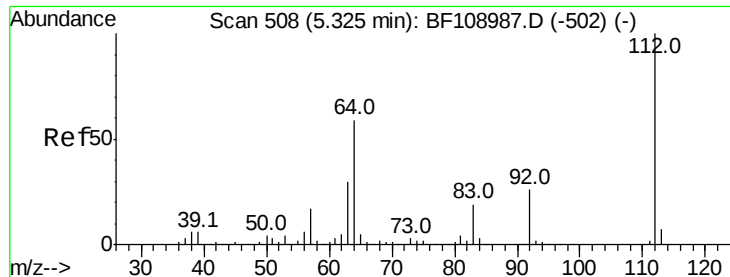
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#4
n-Nitrosodimethylamine
Concen: 39.310 ng
RT: 3.11 min Scan# 131
Delta R.T. 0.08 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.6	104.9	157.3
44	6.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 72.481 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

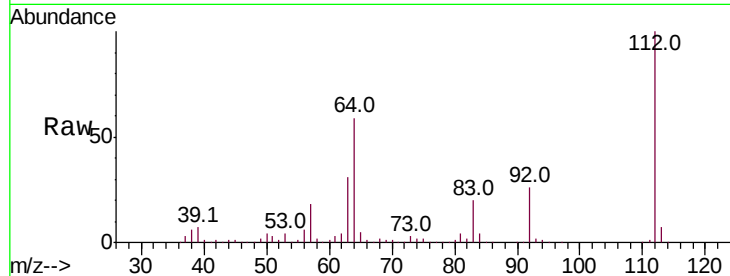
ClientSampleId :

PB112999BS

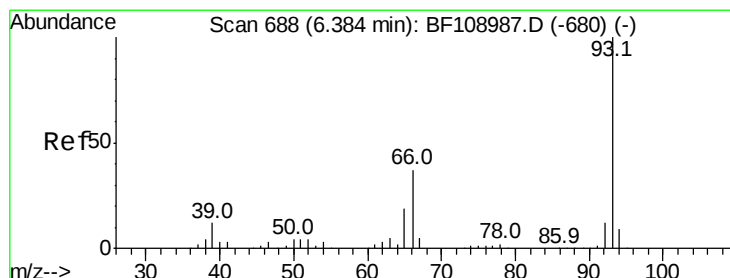
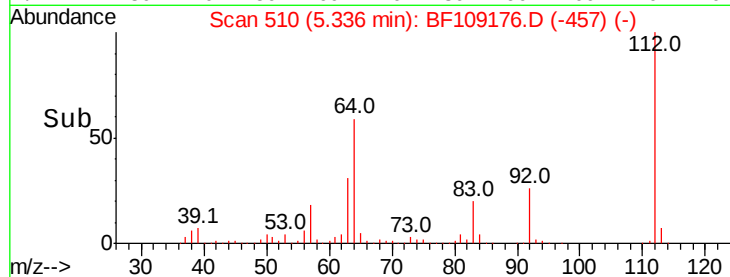
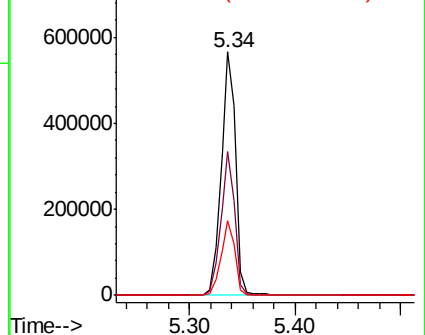
Tot Ion:	112	Resp:	546768
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.9	71.9
63	30.9	23.7	35.5

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



#6

Aniline

Concen: 15.286 ng

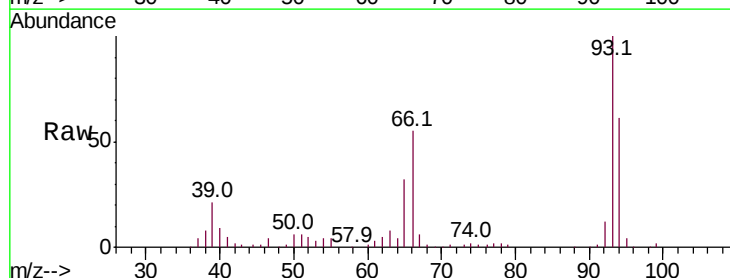
RT: 6.38 min Scan# 687

Delta R.T. -0.01 min

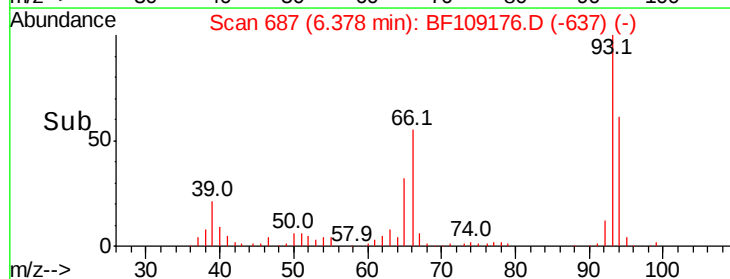
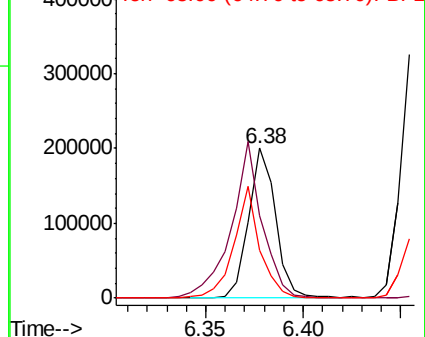
Lab File: BF109176.D

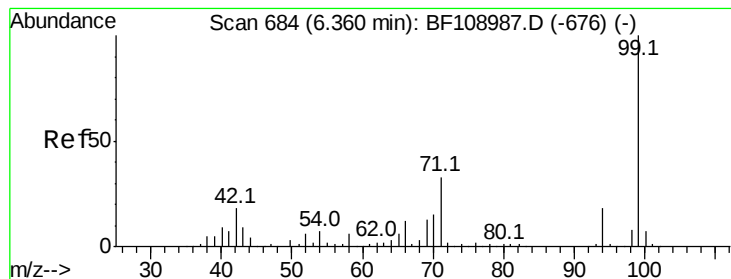
Acq: 20 Sep 2018 5:59

Tgt Ion:	93	Resp:	192192
Ion Ratio	Lower	Upper	
93	100		
66	54.6	32.2	48.2#
65	32.1	16.4	24.6#



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





#7

Phenol-d6

Concen: 69.536 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

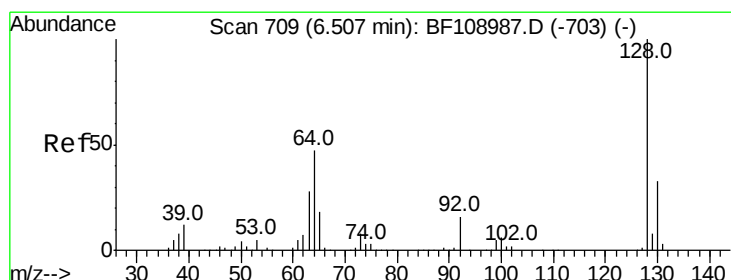
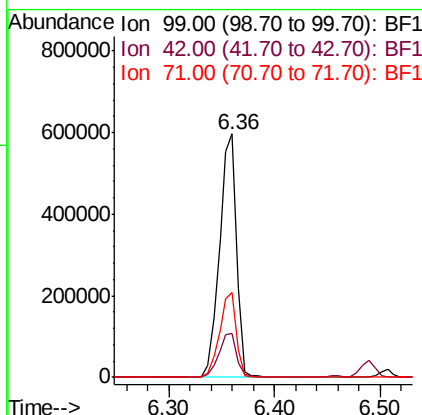
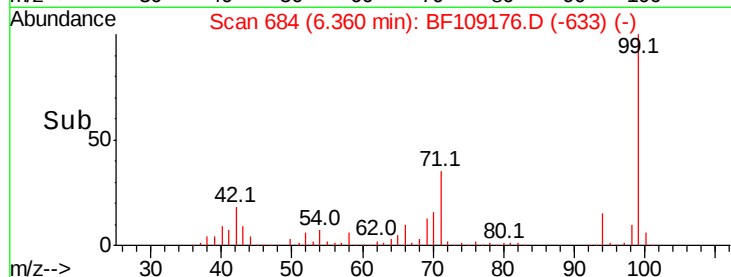
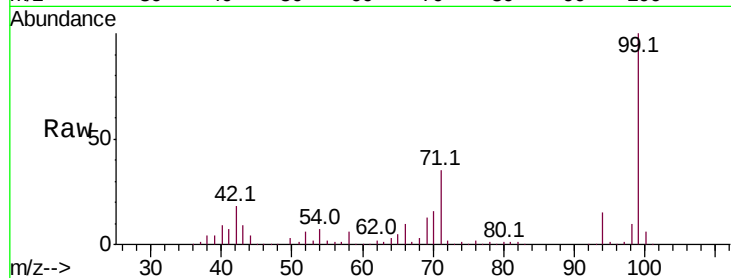
ClientSampleId :

PB112999BS

Tot Ion:	99	Resp:	676387
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	34.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.678 ng

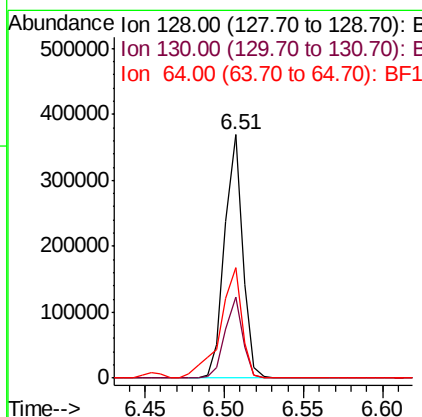
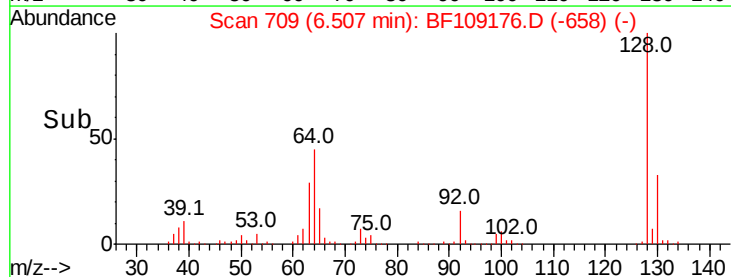
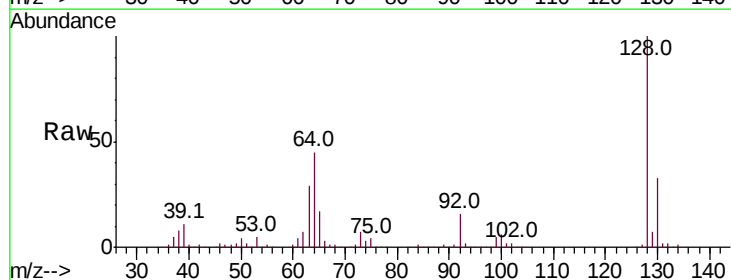
RT: 6.51 min Scan# 709

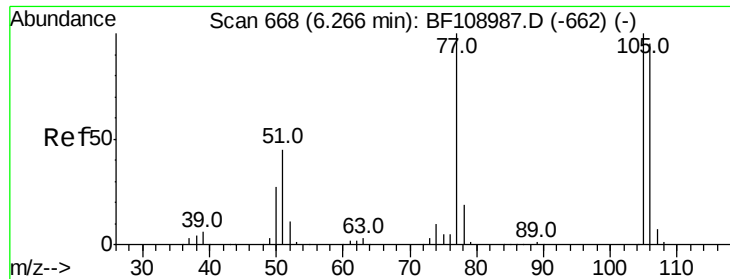
Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	128	Resp:	292751
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	45.2	29.4	69.4





#9

Benzaldehyde

Concen: 18.755 ng

RT: 6.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

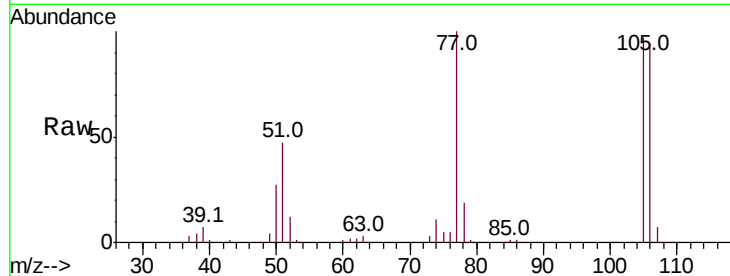
ClientSampleId :

PB112999BS

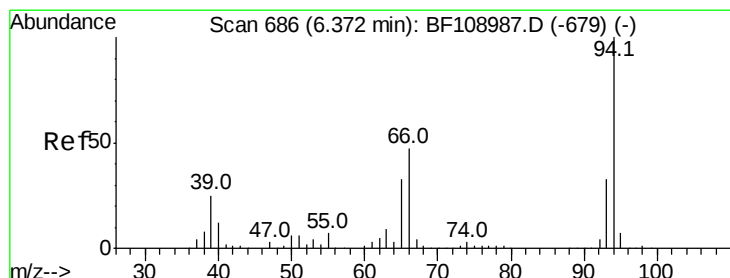
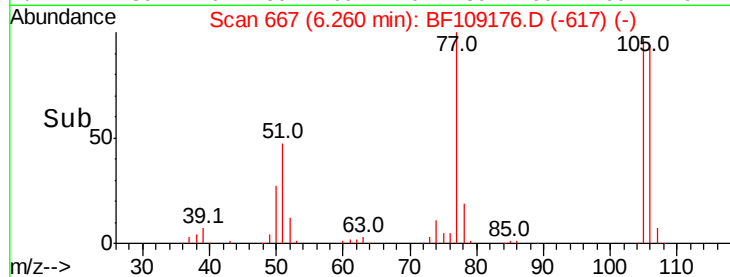
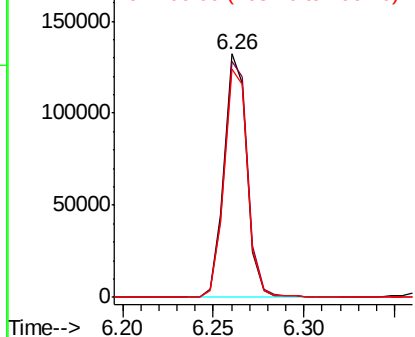
Tot Ion:	77	Resp:	116514
Ion Ratio	Lower	Upper	
77	100		
105	97.1	81.1	121.1
106	93.8	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.639 ng

RT: 6.37 min Scan# 686

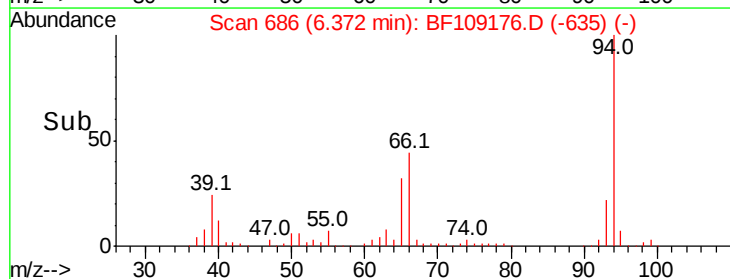
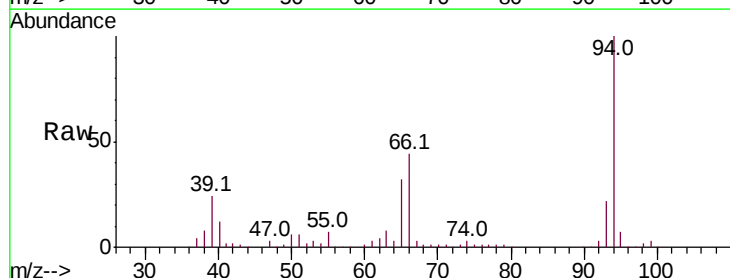
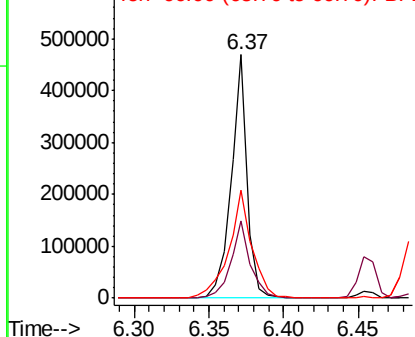
Delta R.T. -0.00 min

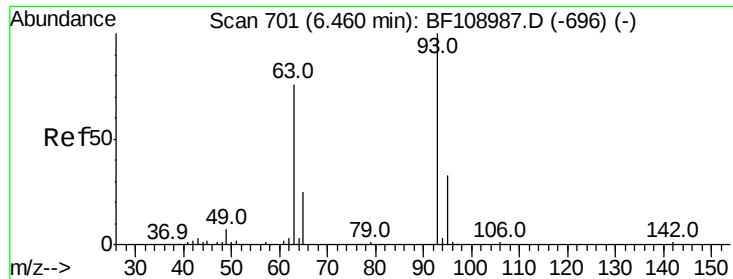
Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	94	Resp:	357231
Ion Ratio	Lower	Upper	
94	100		
65	31.7	7.9	47.9
66	44.4	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





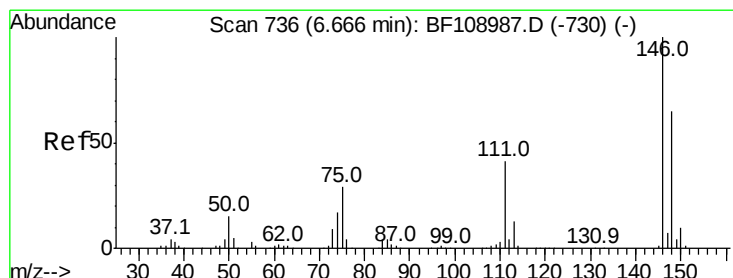
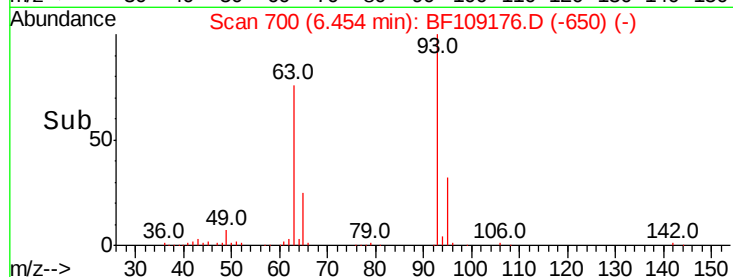
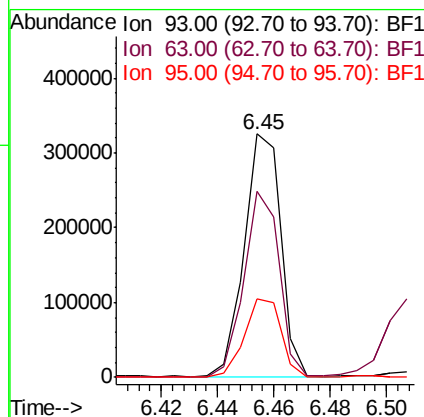
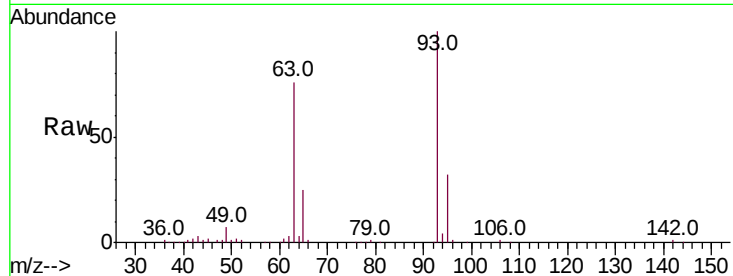
#11
 bis(2-Chloroethyl)ether
 Concen: 33.856 ng
 RT: 6.45 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion:	93	Resp:	291518
Ion Ratio	Lower	Upper	
93	100		
63	76.3	58.6	98.6
95	32.5	11.8	51.8

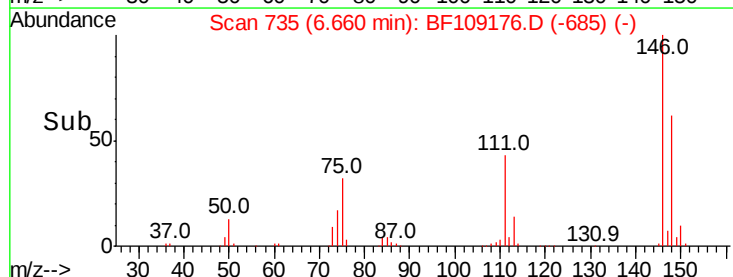
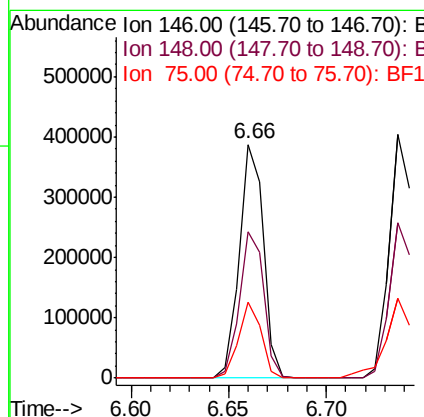
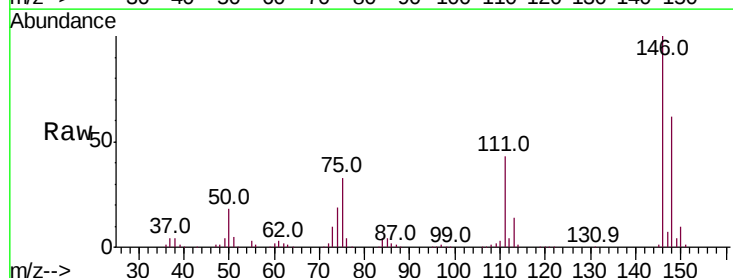
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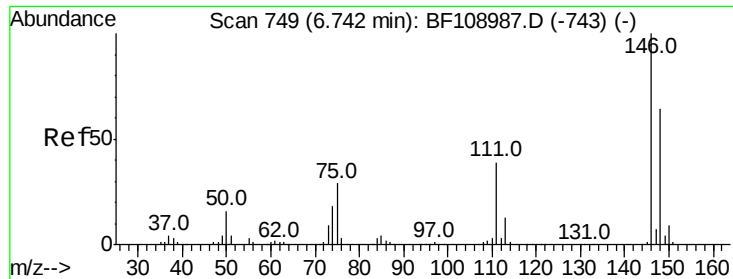
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 34.323 ng
 RT: 6.66 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion:	146	Resp:	331367
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.8
75	32.6	24.2	36.4





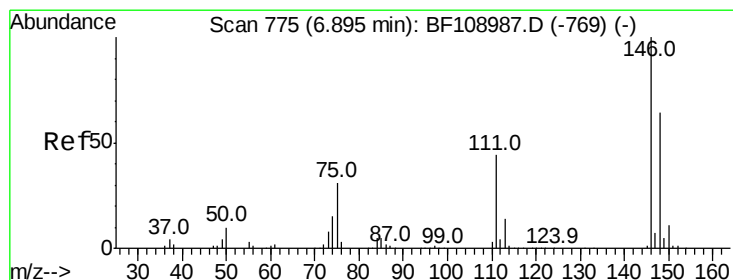
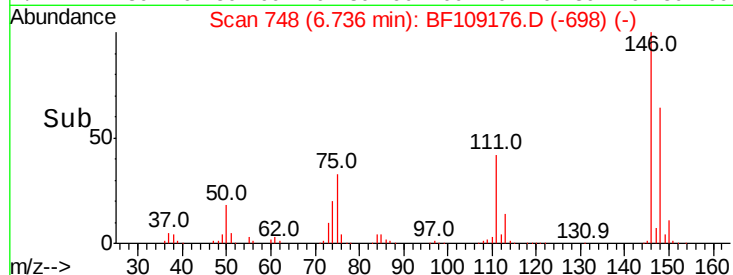
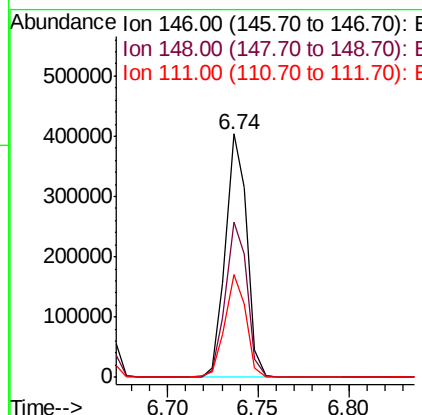
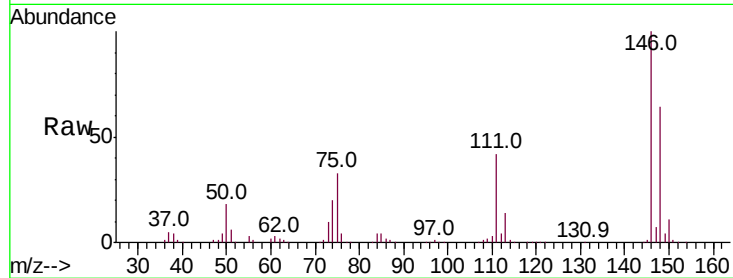
#13
 1,4-Dichlorobenzene
 Concen: 34.304 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleID :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	332251		
148	64.0		50.8	76.2
111	42.1		34.2	51.2

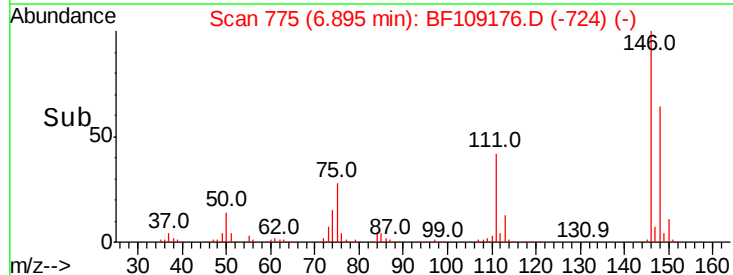
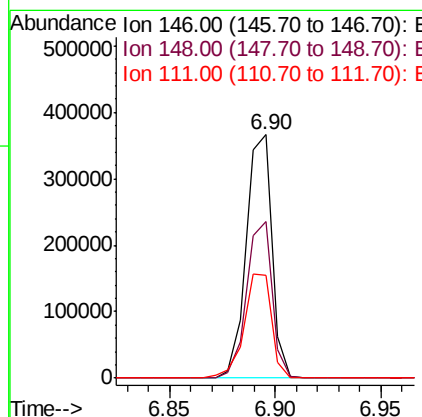
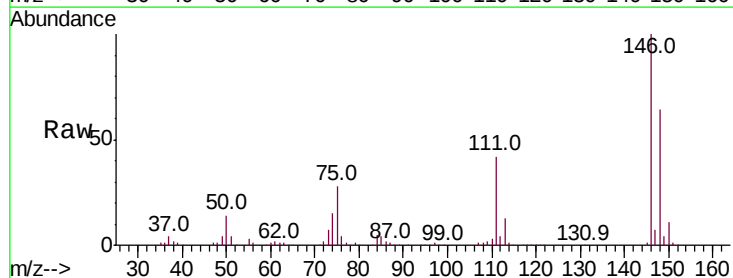
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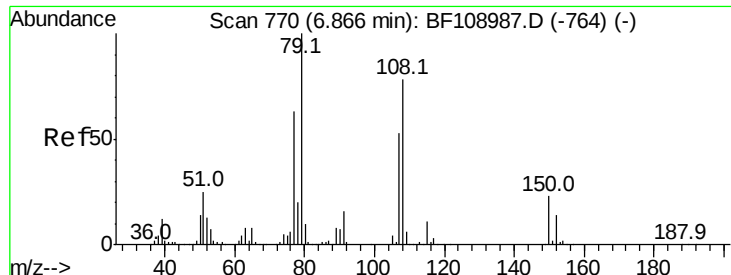
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#14
 1,2-Dichlorobenzene
 Concen: 34.417 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	309036		
148	64.5		50.6	75.8
111	42.0		36.0	54.0





#15

Benzyl Alcohol

Concen: 34.557 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

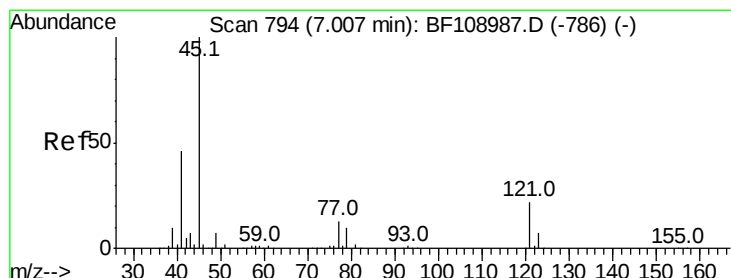
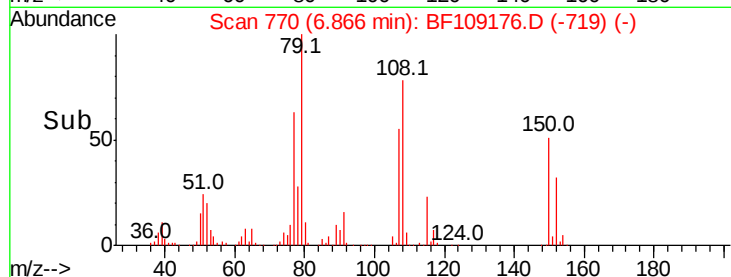
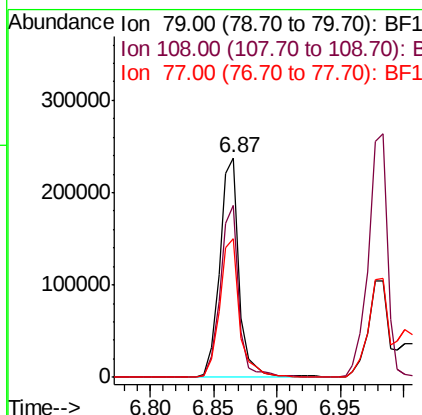
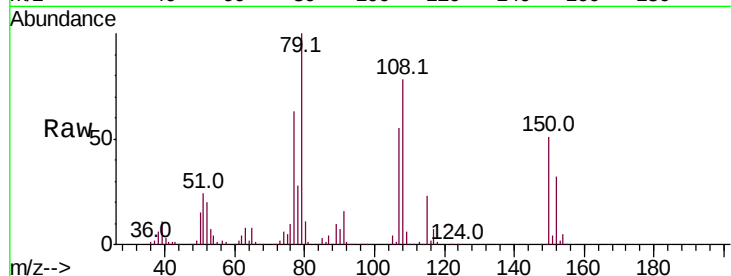
ClientSampleId :

PB112999BS

Tot Ion:	79	Resp:	255195
Ion Ratio	Lower	Upper	
79	100		
108	77.9	65.1	97.7
77	63.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.190 ng

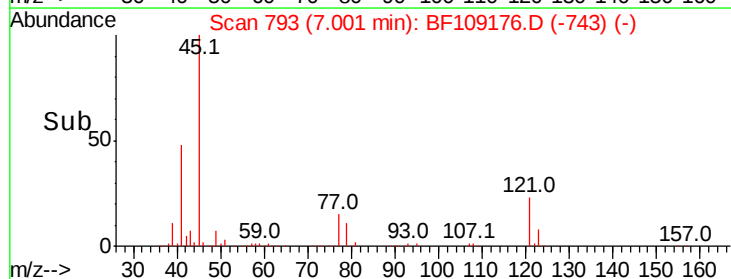
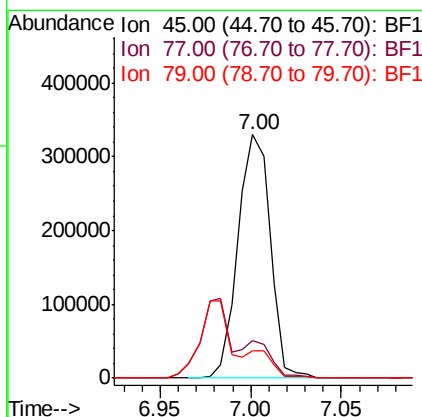
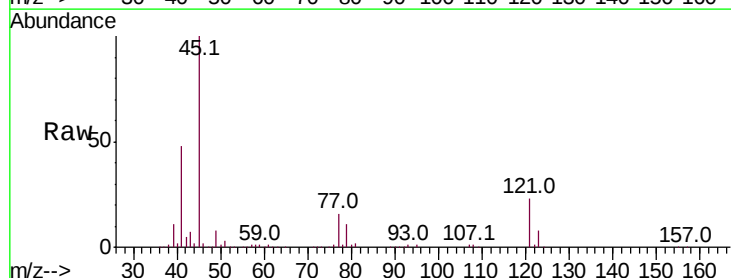
RT: 7.00 min Scan# 793

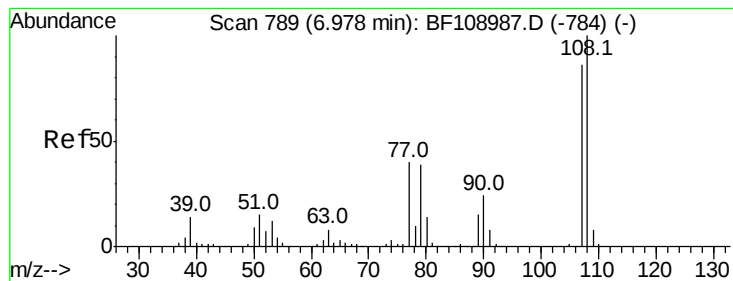
Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	45	Resp:	409472
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	32.9
79	11.2	0.0	29.6





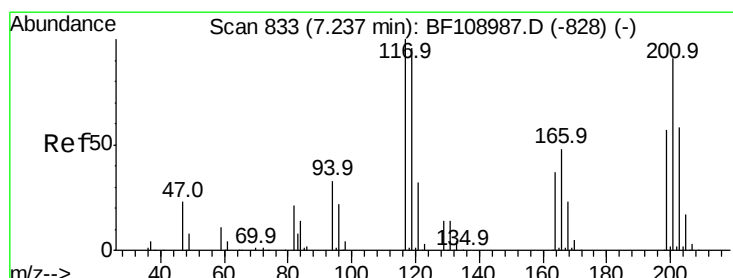
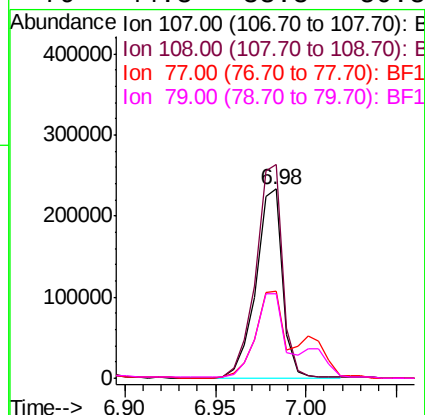
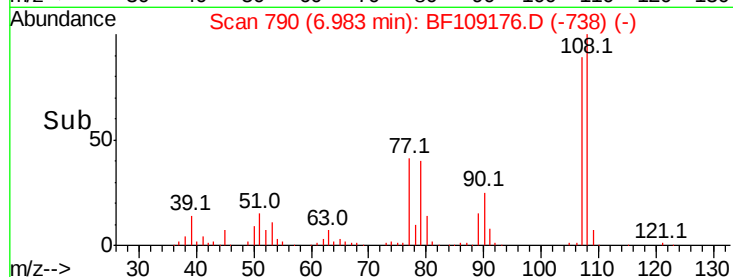
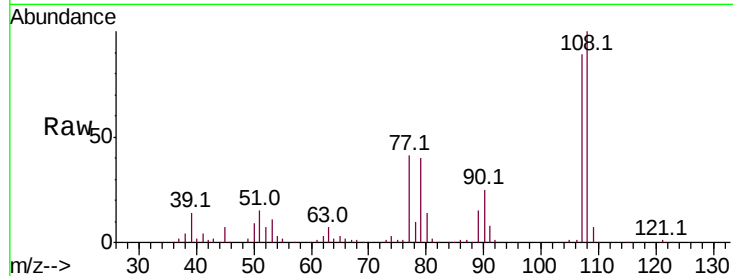
#17
2-Methylphenol
Concen: 34.379 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	91.7	137.5	
77	46.1	33.8	50.8	
79	44.8	33.8	50.8	

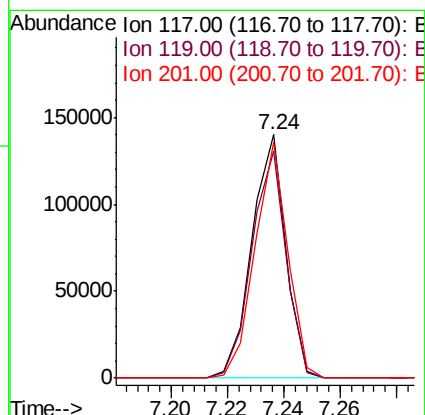
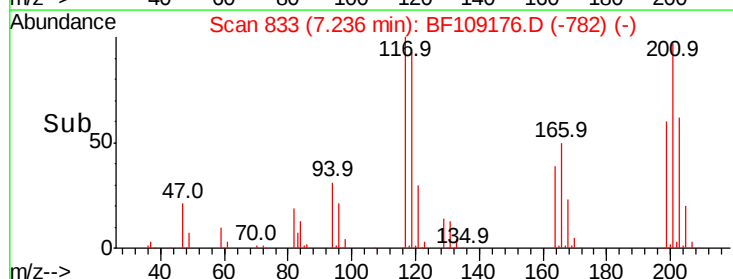
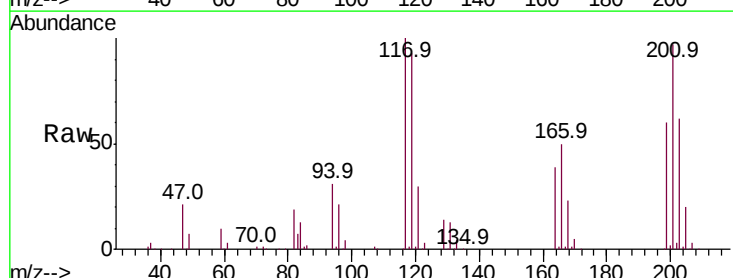
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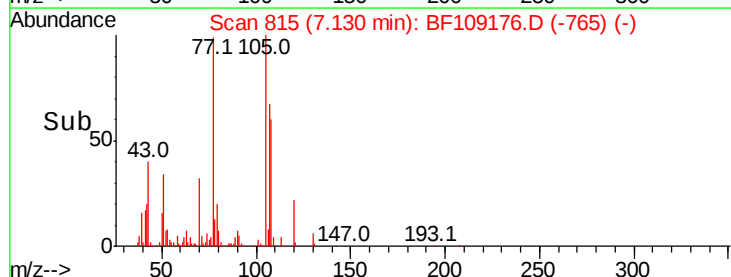
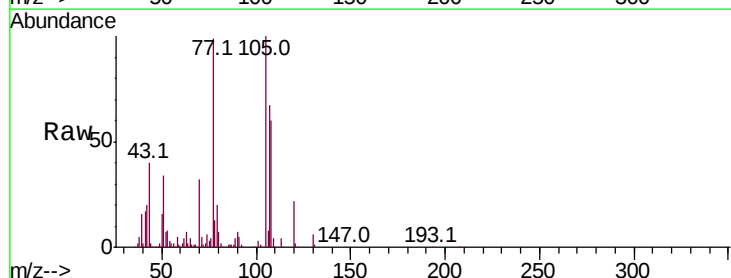
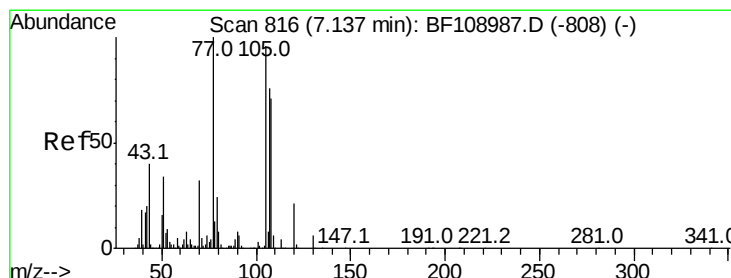
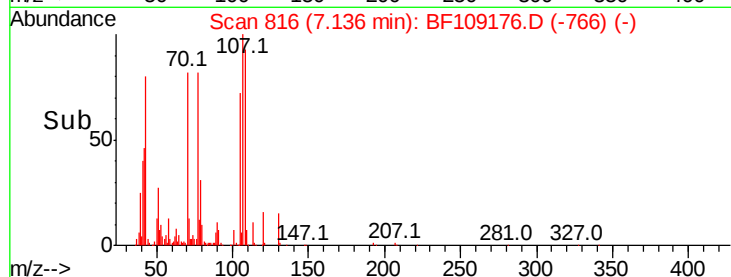
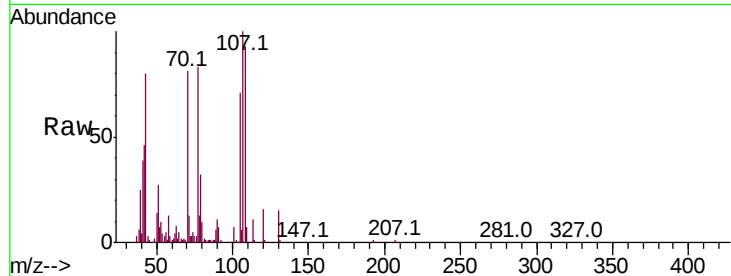
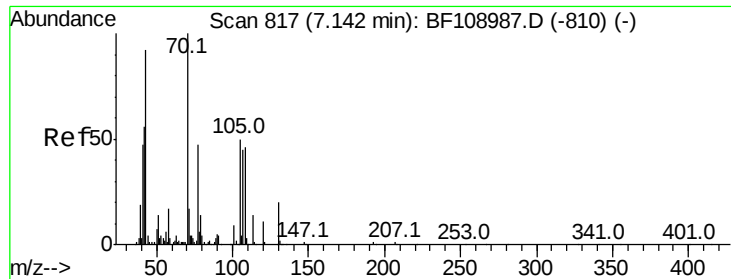
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#18
Hexachloroethane
Concen: 33.018 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	75.8	113.8	
201	97.1	75.7	113.5	





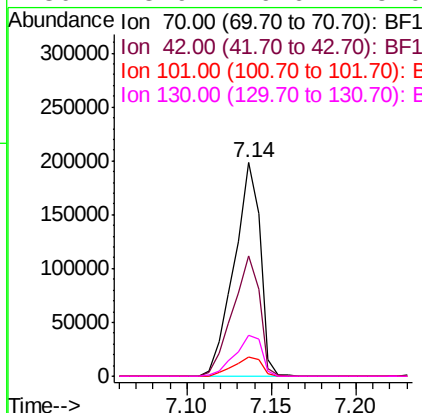
#19
n-Nitroso-di-n-propylamine
Concen: 33.261 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	47.5	71.3	
101	8.9	7.4	11.2	
130	18.9	16.6	25.0	

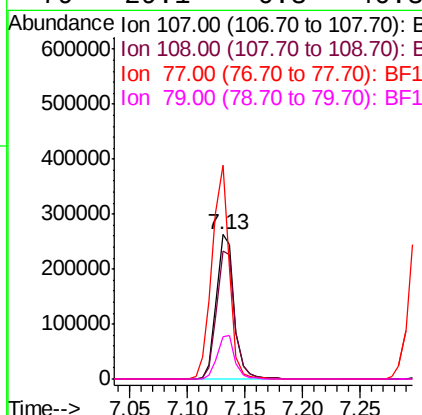
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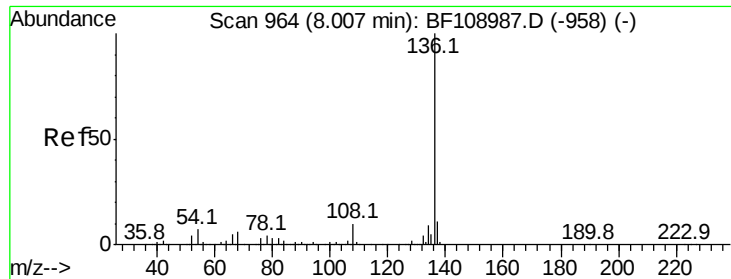
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#20
3+4-Methylphenols
Concen: 33.982 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	68.2	108.2	
77	147.7	26.7	66.7#	
79	29.1	6.3	46.3	





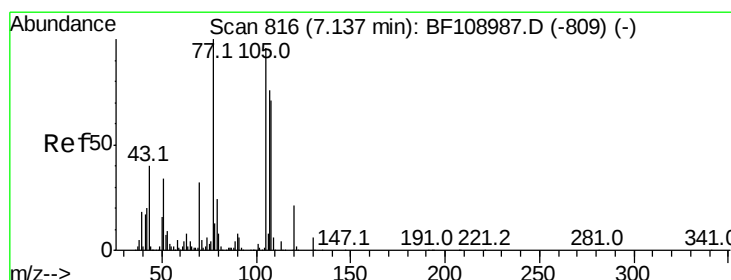
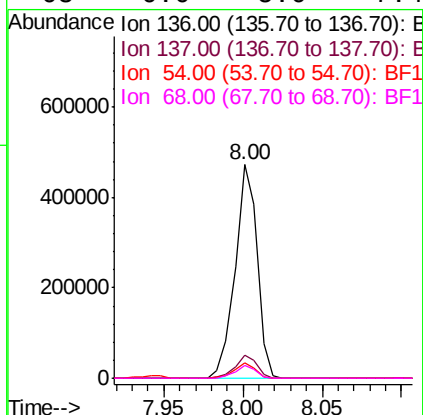
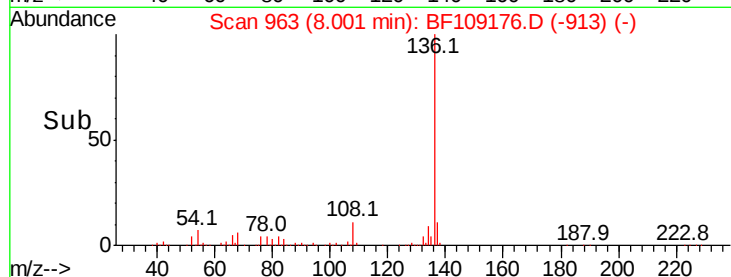
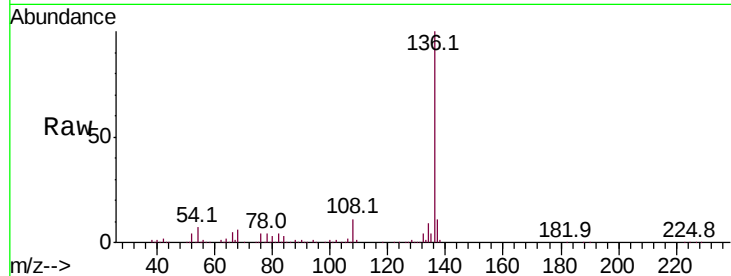
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.5	6.6	9.8	
68	6.0	5.0	7.4	

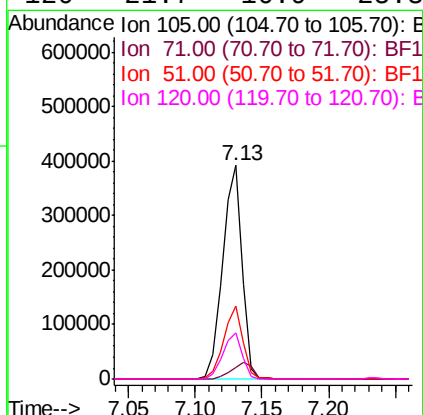
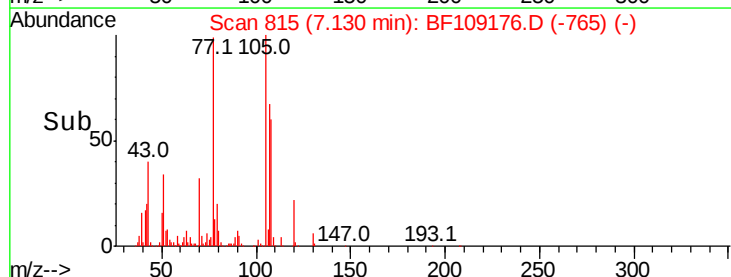
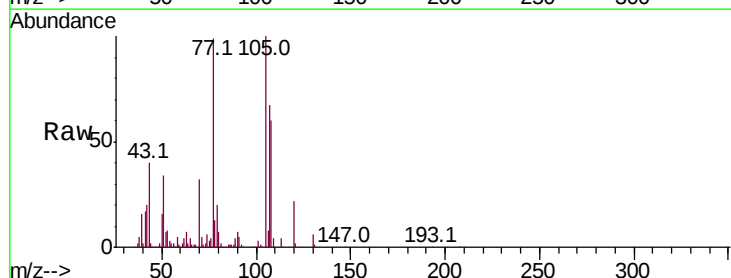
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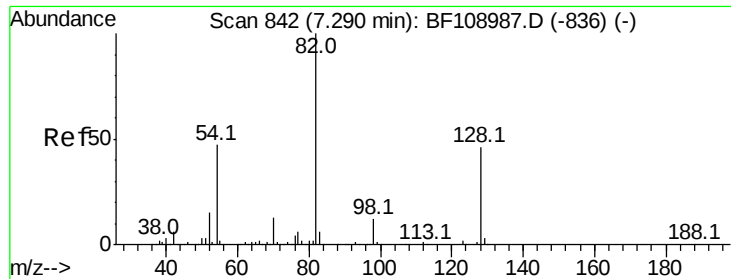
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#22
Acetophenone
Concen: 39.096 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	4.4	6.6	
51	34.0	22.3	33.5	
120	21.7	16.9	25.3	





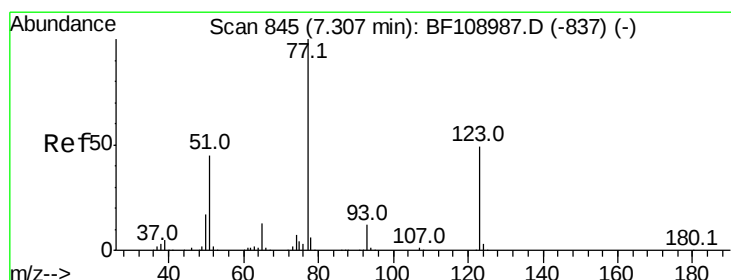
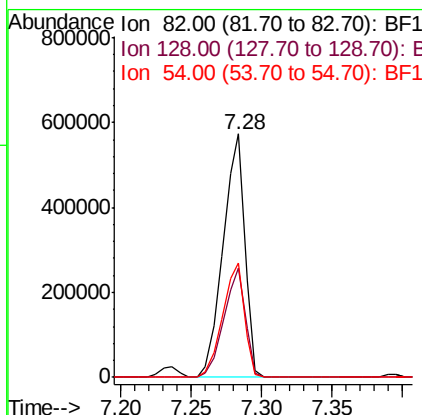
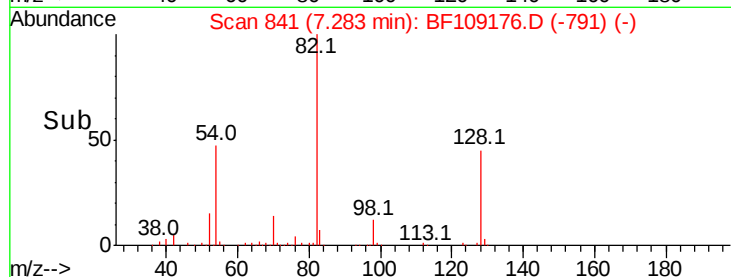
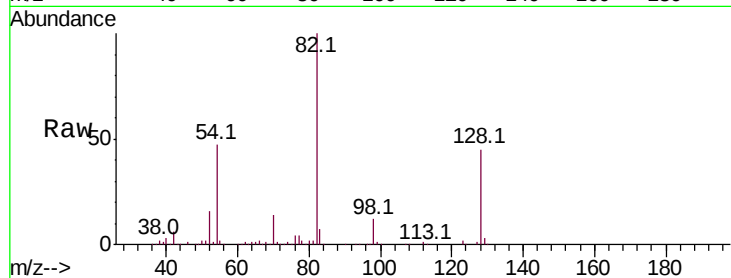
#23
Nitrobenzene-d5
Concen: 75.669 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	611764		
128	44.9	36.1	54.1	
54	47.2	41.4	62.2	

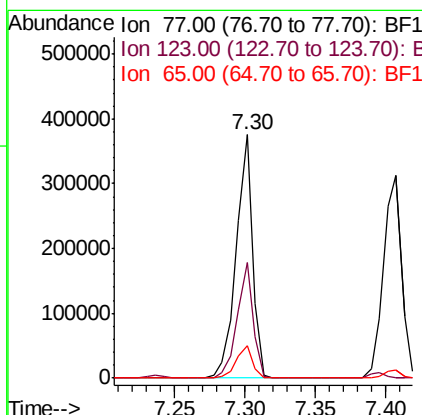
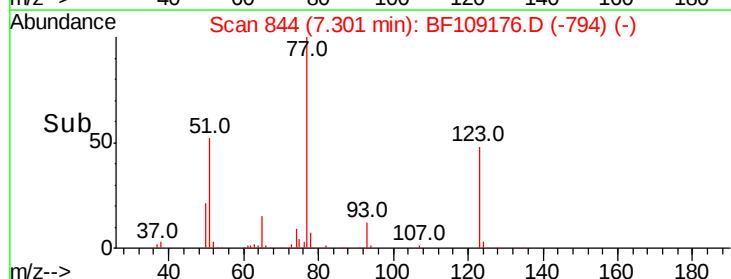
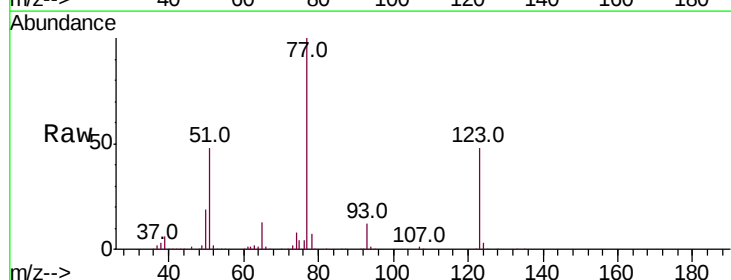
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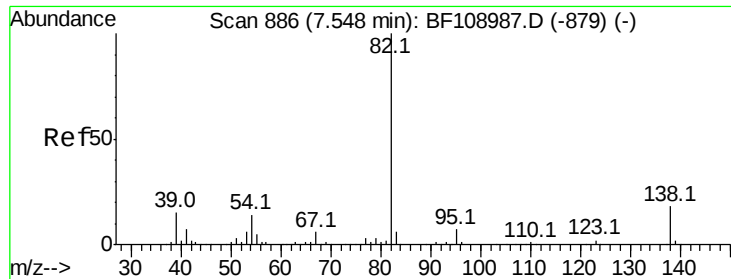
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#24
Nitrobenzene
Concen: 36.639 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	305403		
123	47.5	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 41.038 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

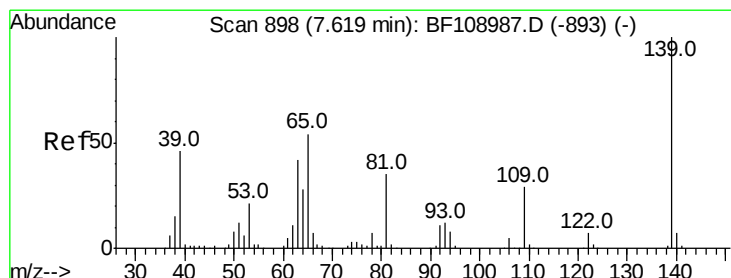
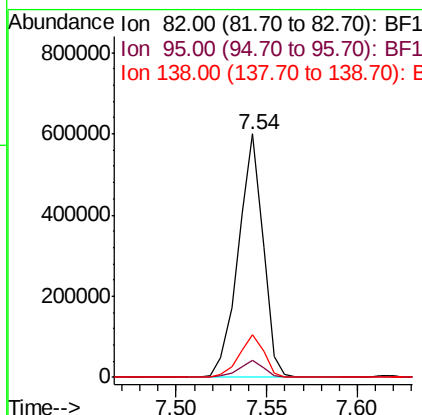
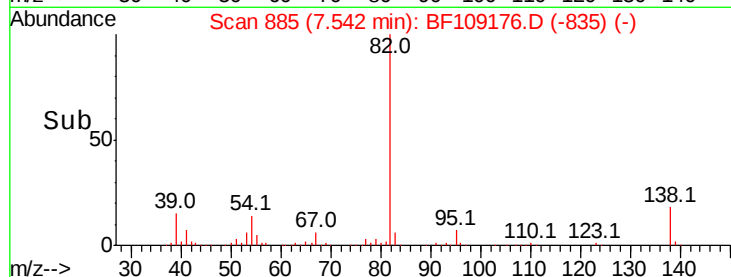
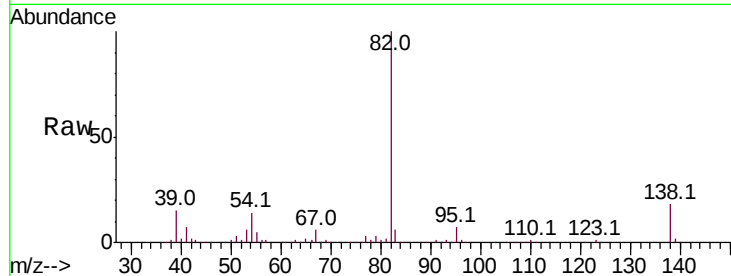
ClientSampleId :

PB112999BS

Tot Ion:	82	Resp:	570320
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.344 ng

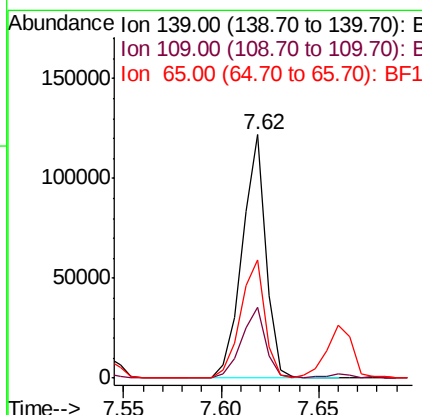
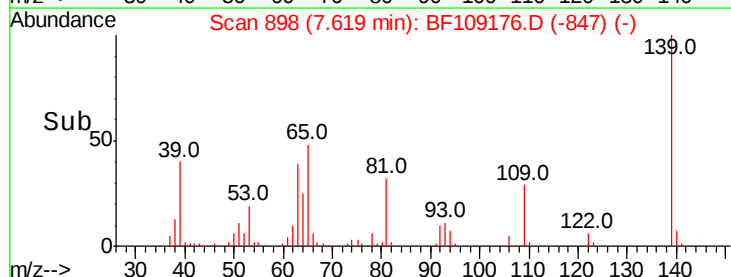
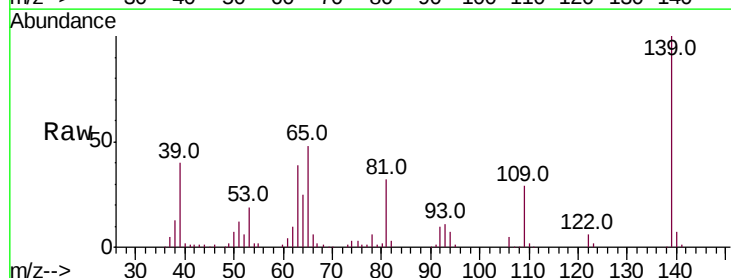
RT: 7.62 min Scan# 898

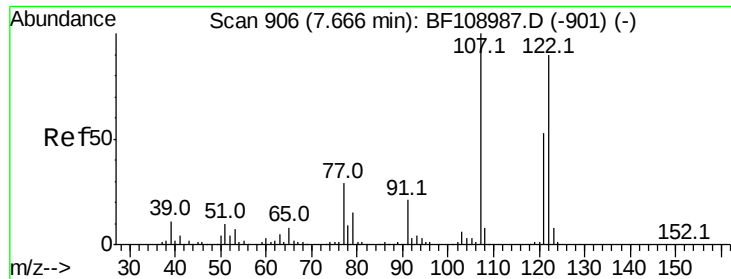
Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	139	Resp:	102538
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	48.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.419 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

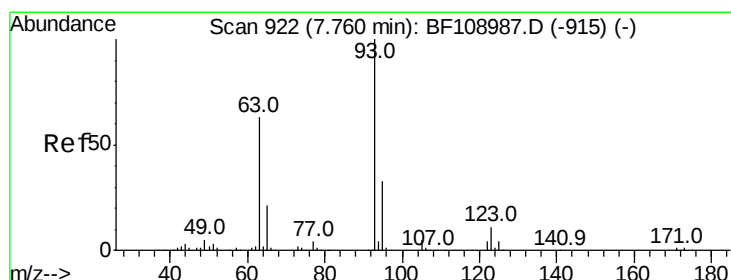
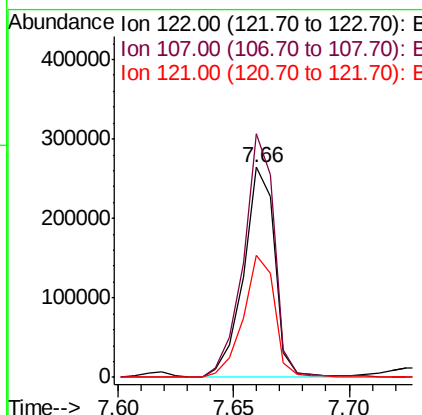
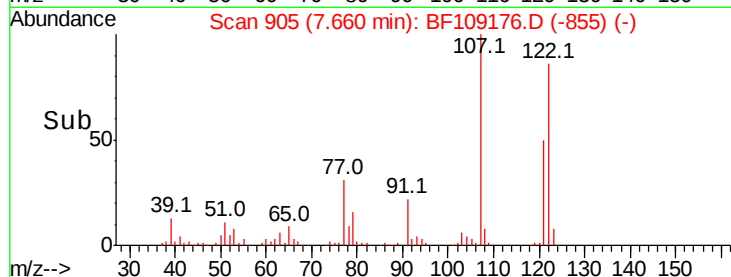
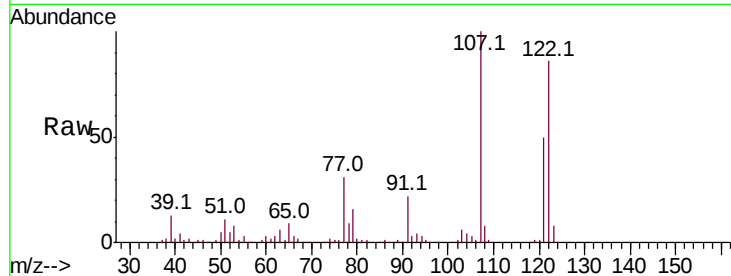
ClientSampleId :

PB112999BS

Tot Ion:	122	Resp:	252881
Ion Ratio	Lower	Upper	
122	100		
107	115.8	91.2	136.8
121	58.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.604 ng

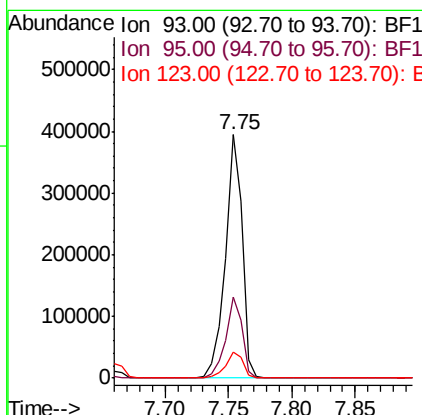
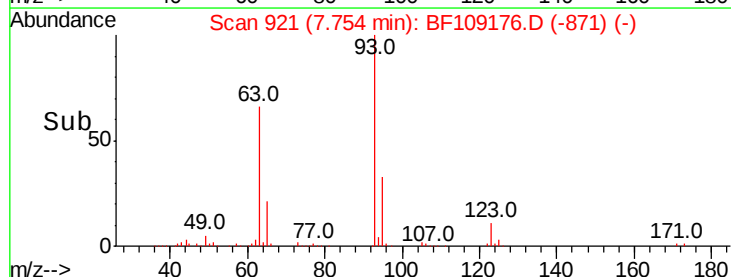
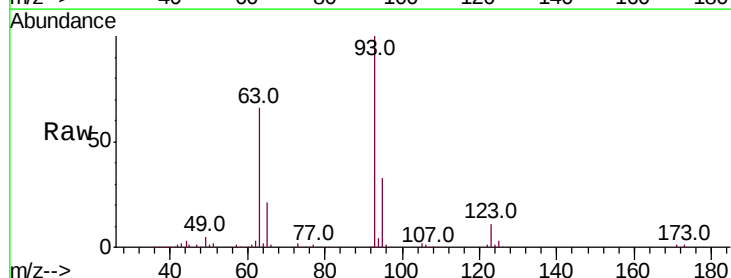
RT: 7.75 min Scan# 921

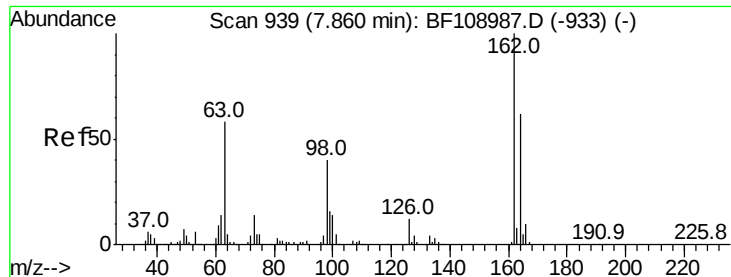
Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	93	Resp:	361029
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	10.8	9.8	14.6





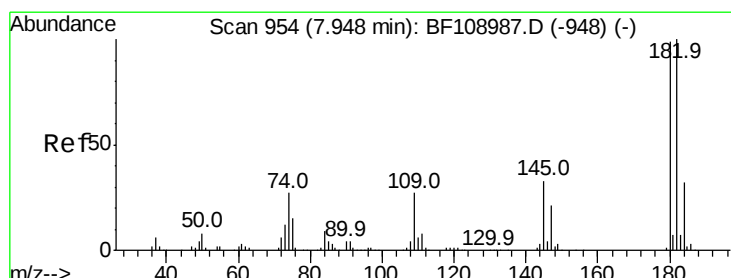
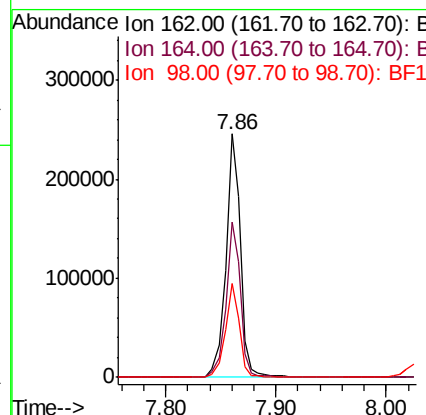
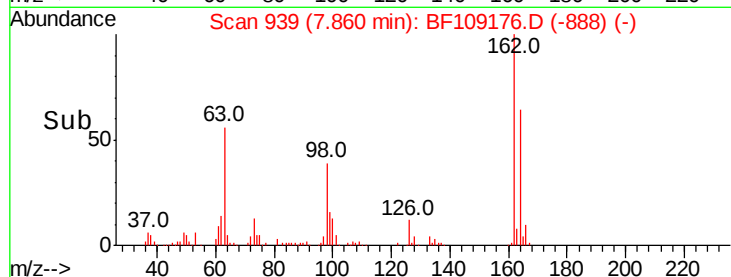
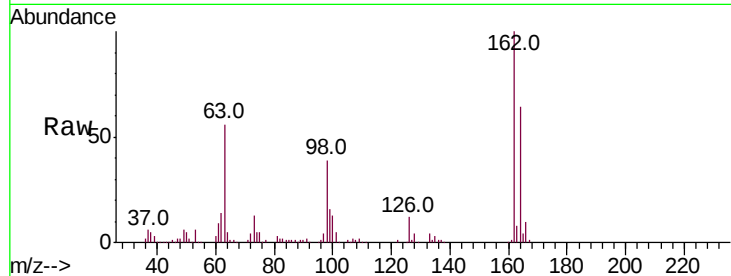
#29
 2,4-Dichlorophenol
 Concen: 34.472 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	224282		
164	63.9	42.7	82.7	
98	38.7	18.1	58.1	

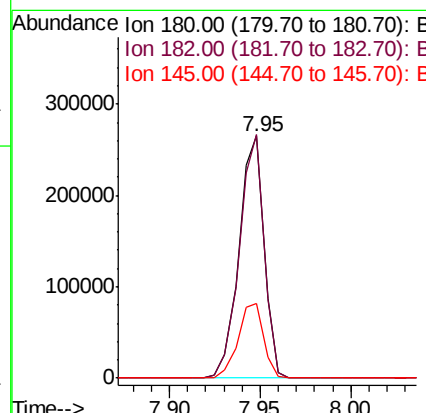
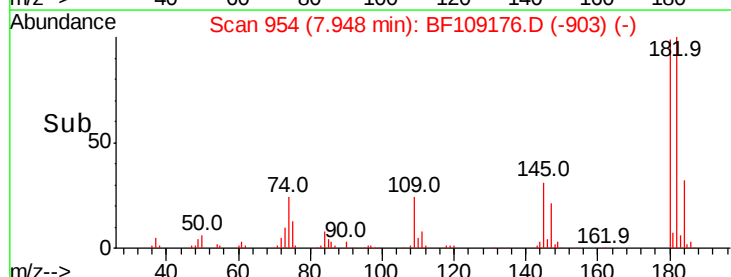
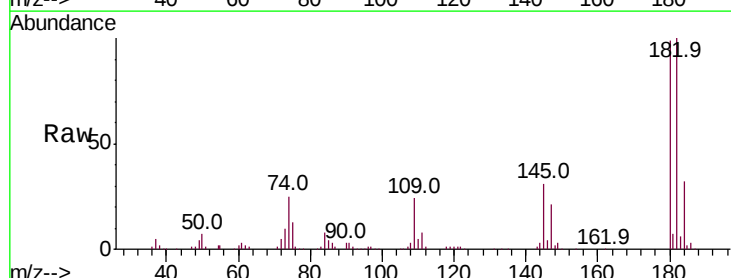
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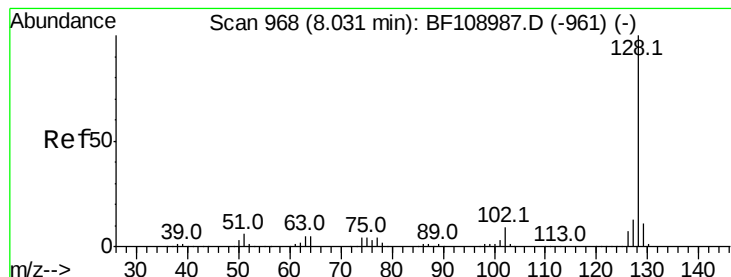
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.264 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255038		
182	100.7	76.8	115.2	
145	31.1	26.5	39.7	





#31

Naphthalene

Concen: 39.414 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

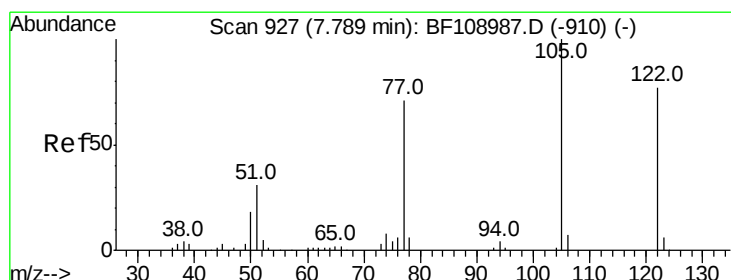
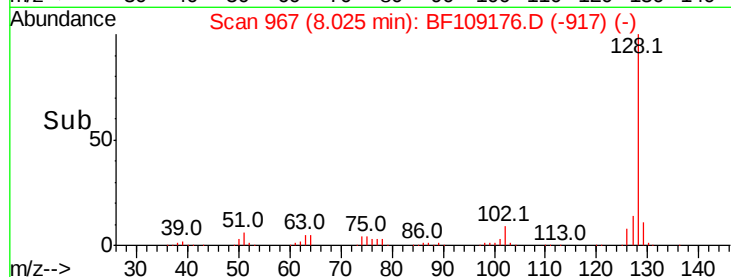
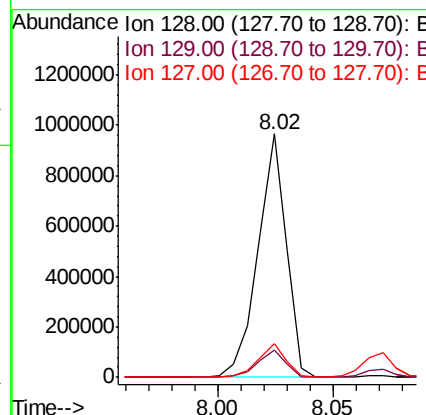
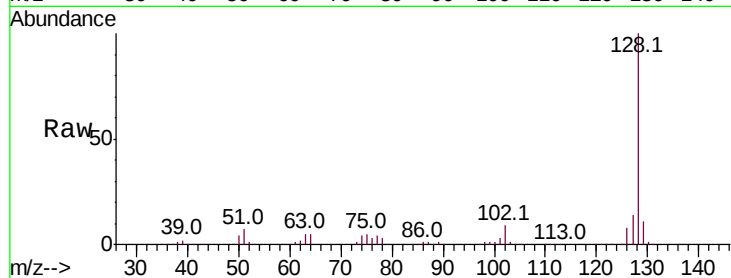
ClientSampleId :

PB112999BS

Tot Ion:	128	Resp:	829539
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 16.455 ng m

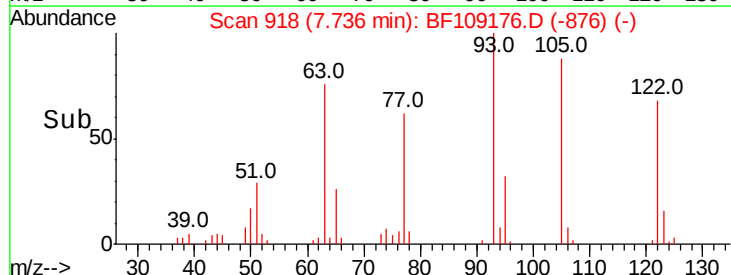
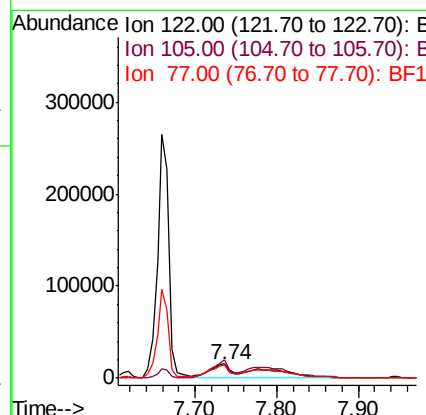
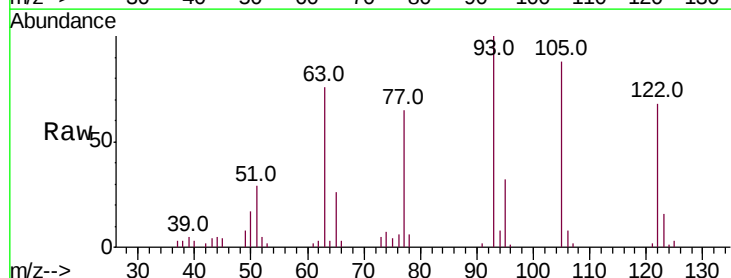
RT: 7.74 min Scan# 918

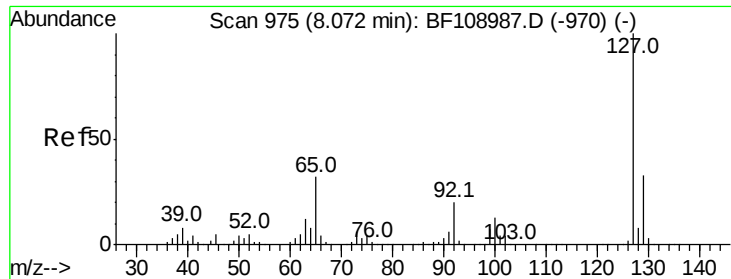
Delta R.T. -0.05 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	122	Resp:	65645
Ion Ratio	Lower	Upper	
122	100		
105	129.4	101.1	141.1
77	94.8	70.7	110.7





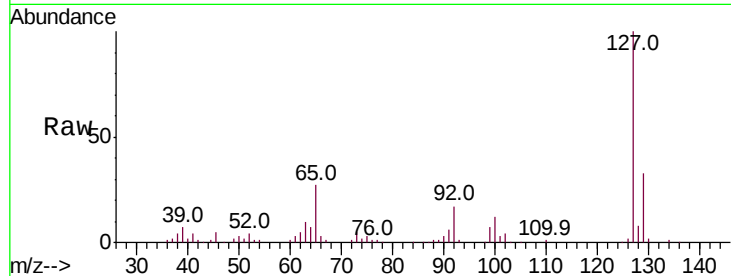
#33
4-Chloroaniline
Concen: 10.328 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.2	25.0	37.4
92	16.9	15.2	22.8

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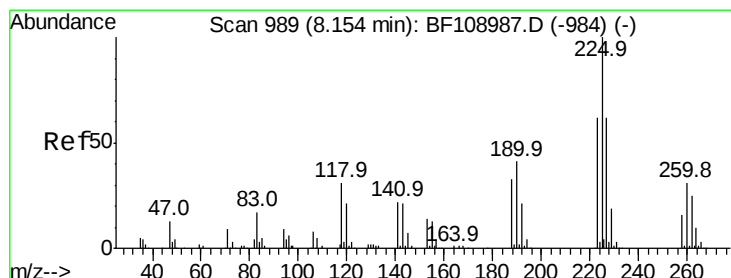
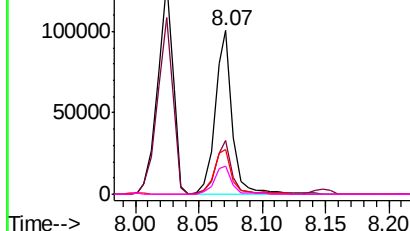
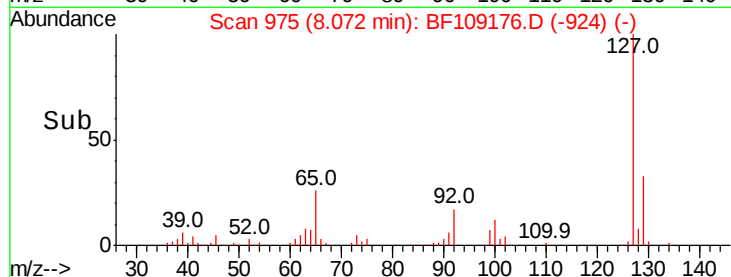
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

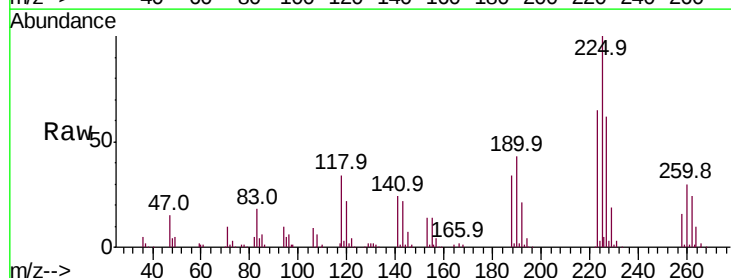
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.008 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	62.2	51.9	77.9

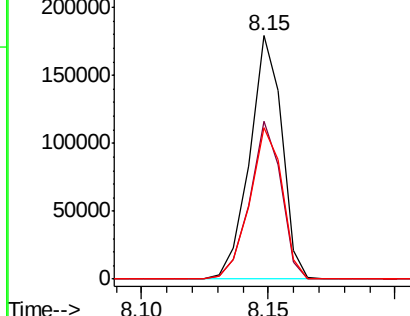
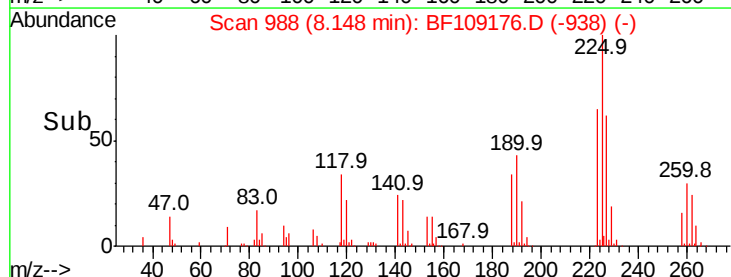


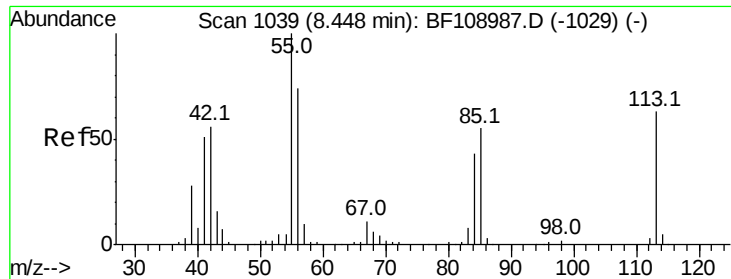
Abundance

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





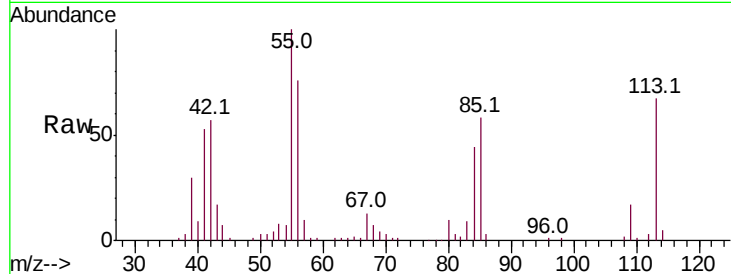
#35
Caprolactam
Concen: 30.254 ng/ml
RT: 8.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleID :
PB112999BS

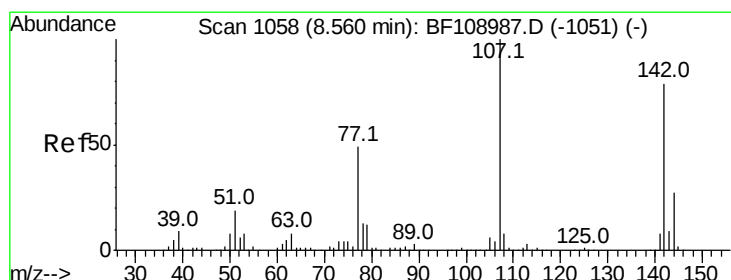
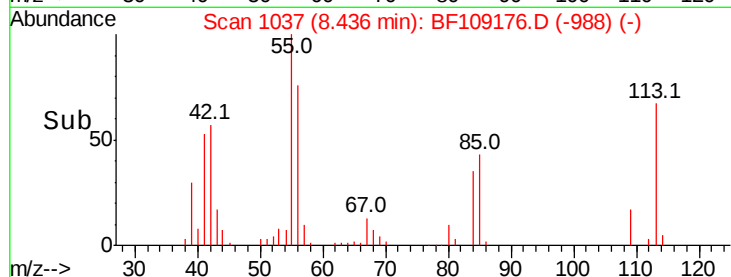
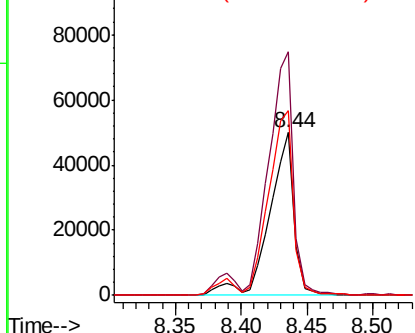
Tot Ion:113 Resp: 64174
Ion Ratio Lower Upper
113 100
55 149.6 163.3 203.3#
56 113.5 115.7 155.7#

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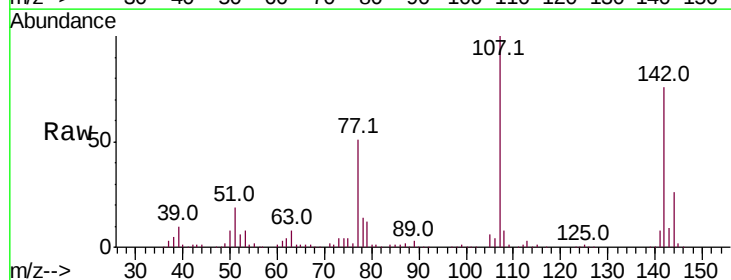


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

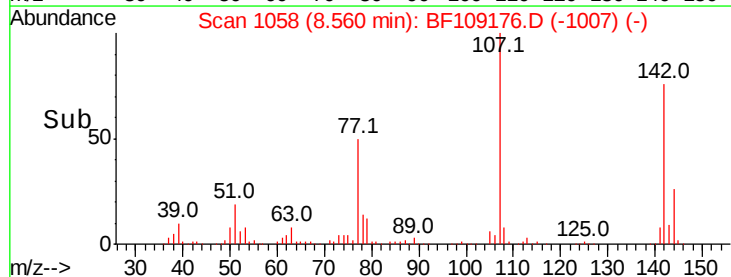
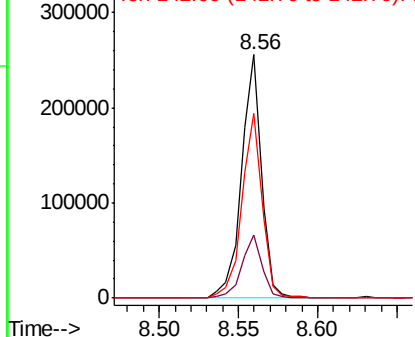


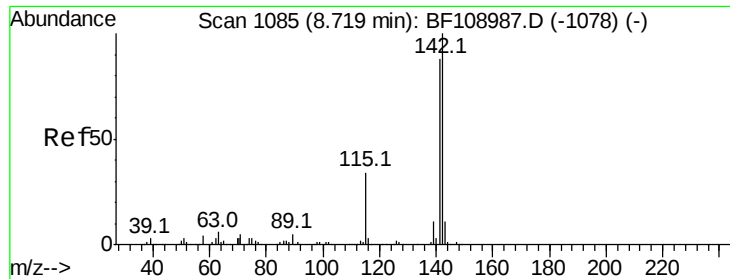
#36
4-Chloro-3-methylphenol
Concen: 32.716 ng/ml
RT: 8.56 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion:107 Resp: 224072
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 76.1 62.0 93.0



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





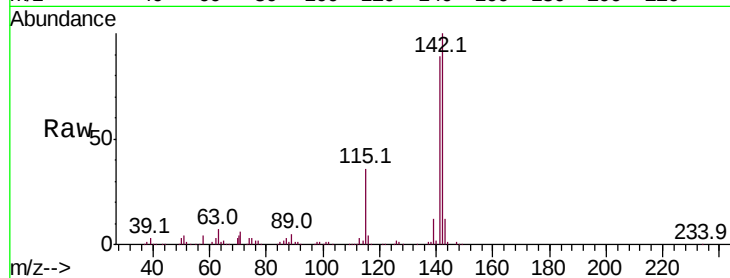
#37
2-Methylnaphthalene
Concen: 39.406 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.0	26.1	39.1

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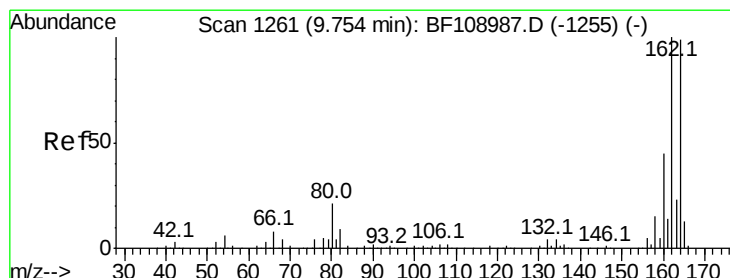
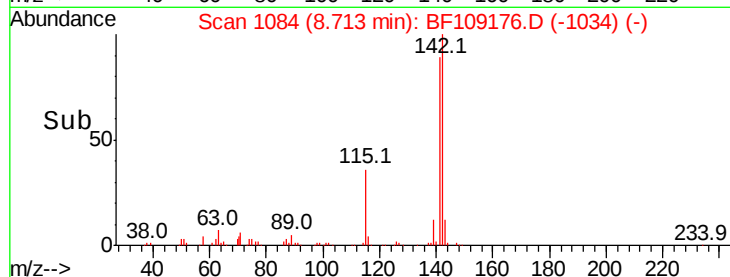
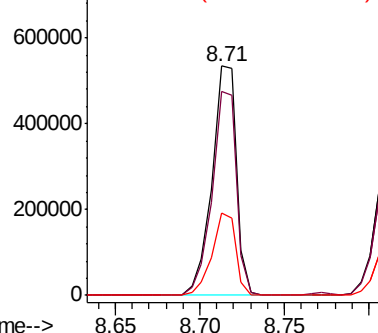


Abundance

Ion 142.00 (141.70 to 142.70): E

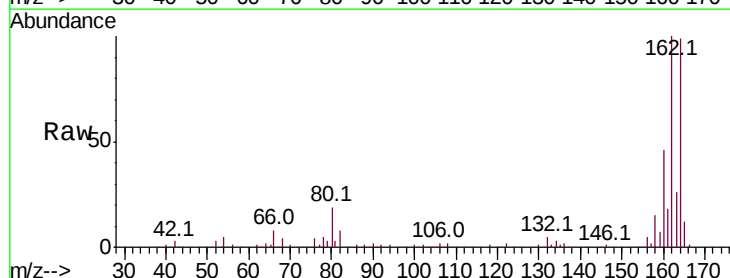
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.5	38.3	57.5

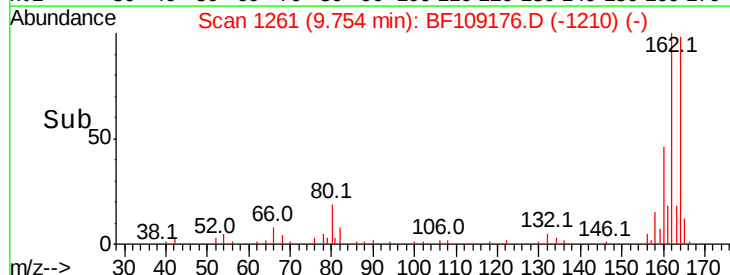
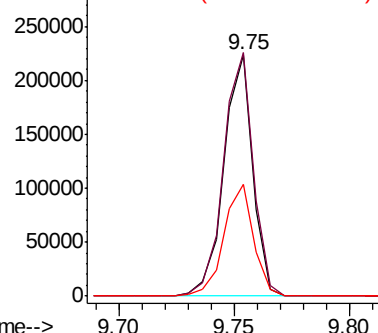


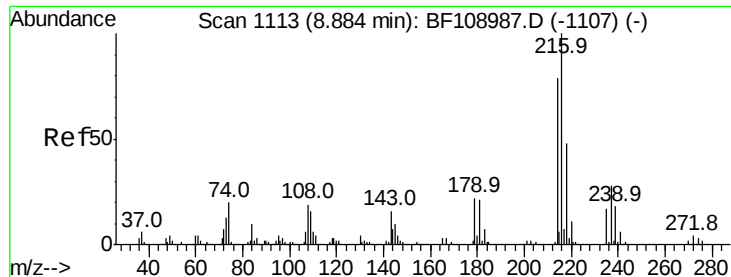
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





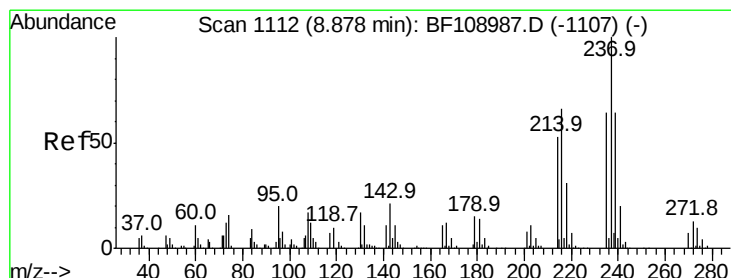
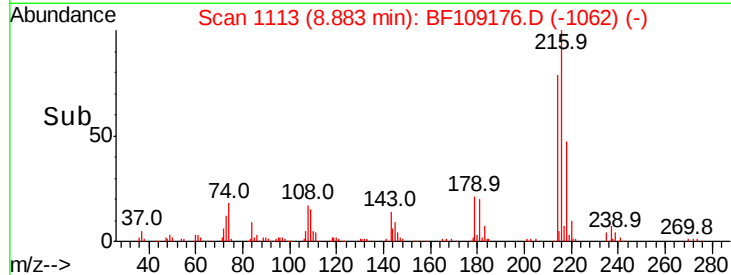
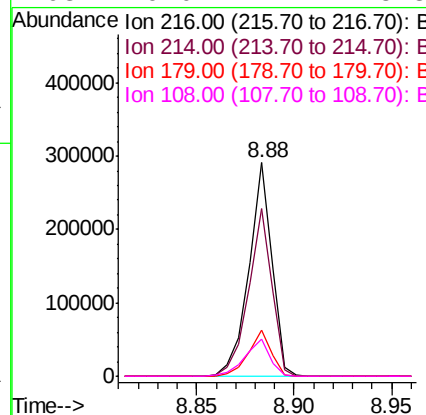
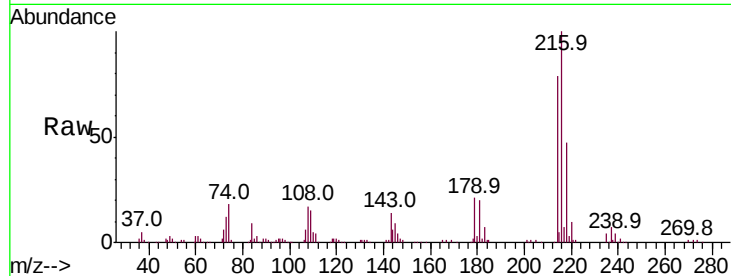
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.872 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.2	18.1	27.1
108	19.0	17.2	25.8

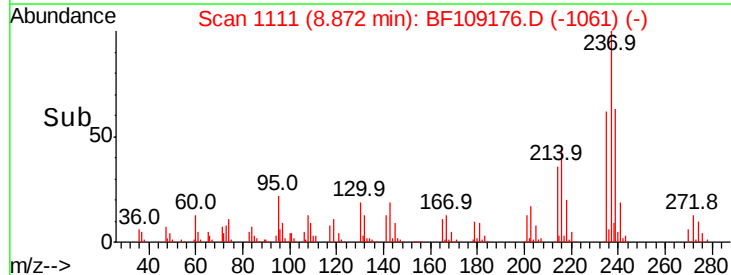
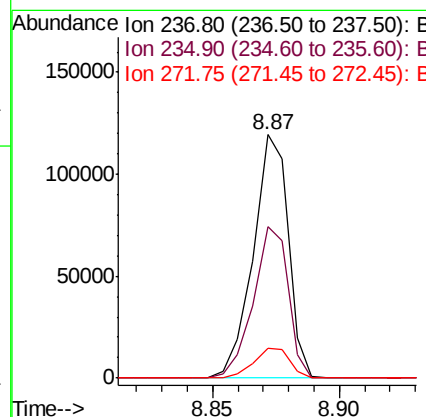
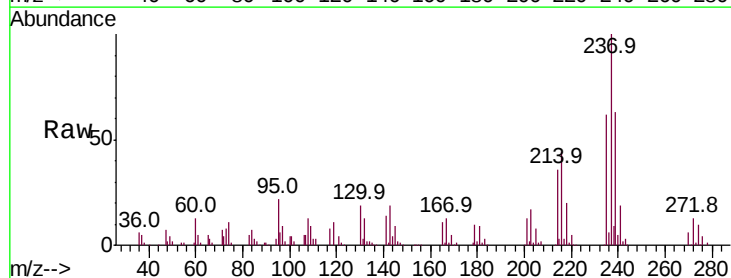
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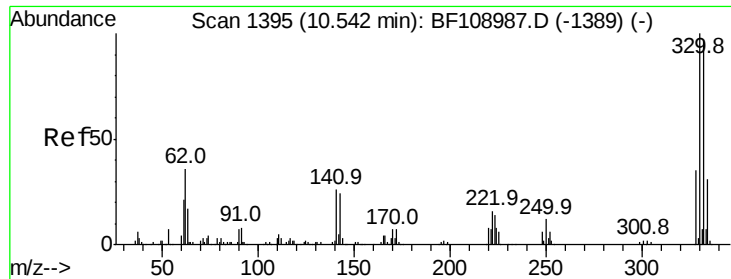
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#40
 Hexachlorocyclopentadiene
 Concen: 37.343 ng
 RT: 8.87 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.5	0.0	33.3





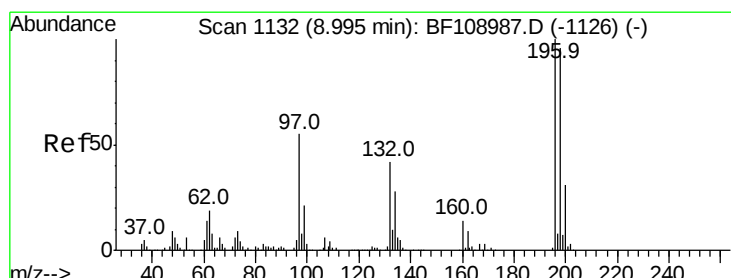
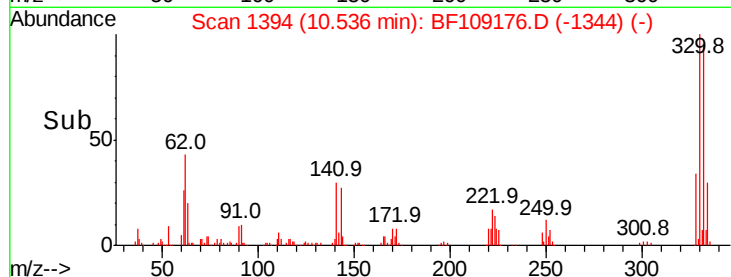
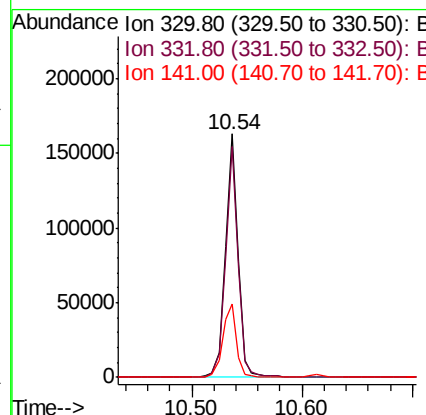
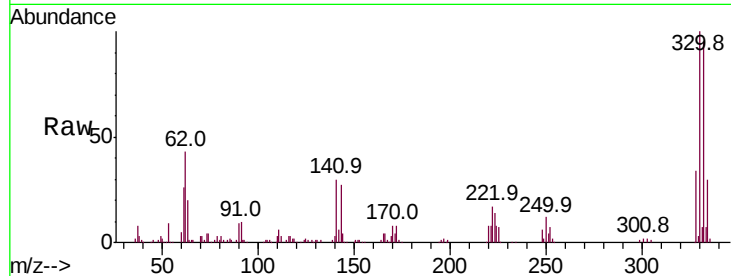
#41
 2,4,6-Tribromophenol
 Concen: 61.732 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130904		
332	94.8	77.0	115.6	
141	32.2	29.9	44.9	

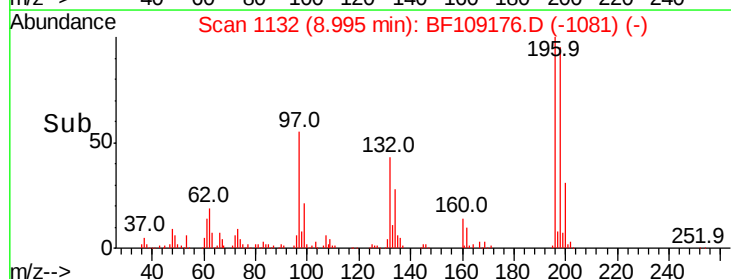
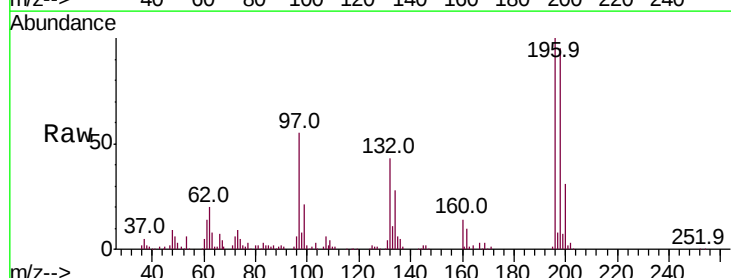
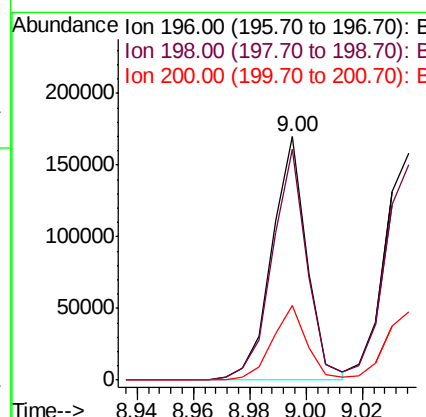
Manual Integrations
 APPROVED

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 9/20/2018 10:06:58 AM



#42
 2,4,6-Trichlorophenol
 Concen: 35.314 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145975		
198	95.1	75.7	113.5	
200	30.5	24.5	36.7	





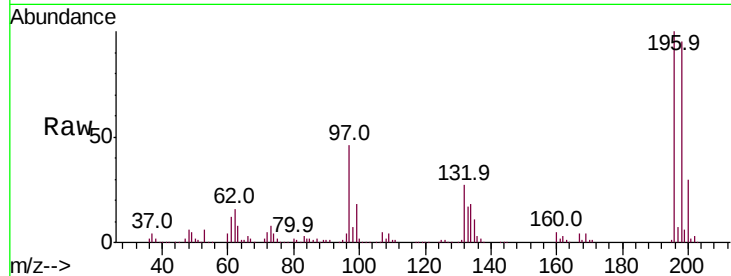
#43
 2,4,5-Trichlorophenol
 Concen: 33.836 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampled :
 PB112999BS

Tot Ion	196	Resp	146158
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	112.0
97	46.3	42.9	64.3
132	27.2	26.3	39.5

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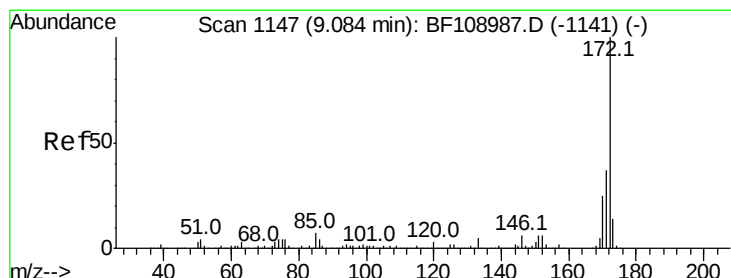
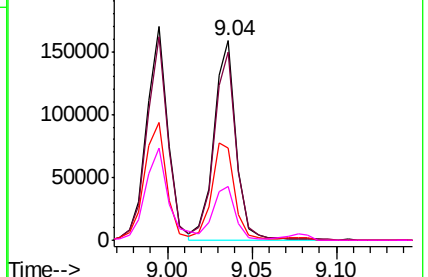
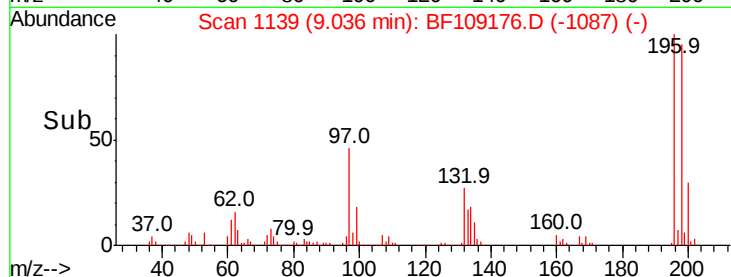
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

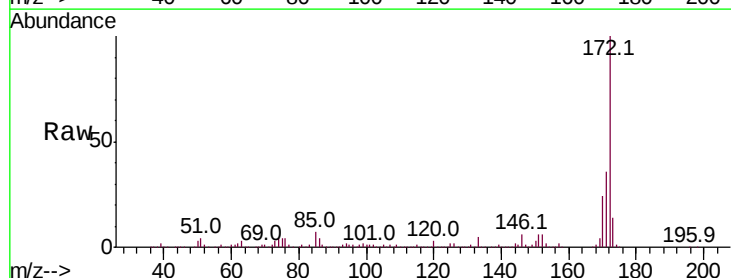
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.670 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	172	Resp	1080898
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

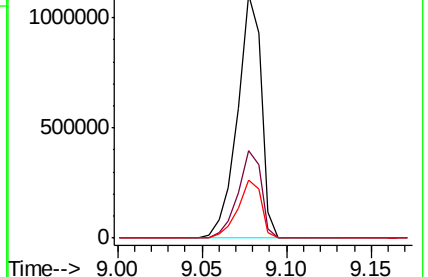
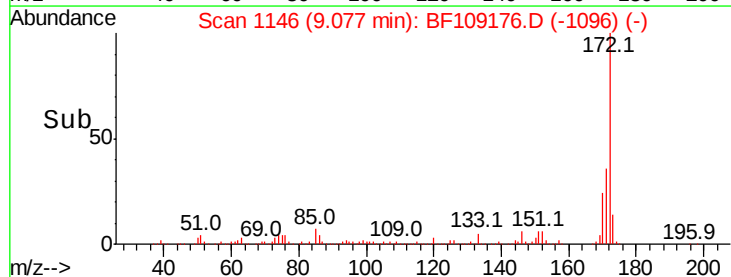


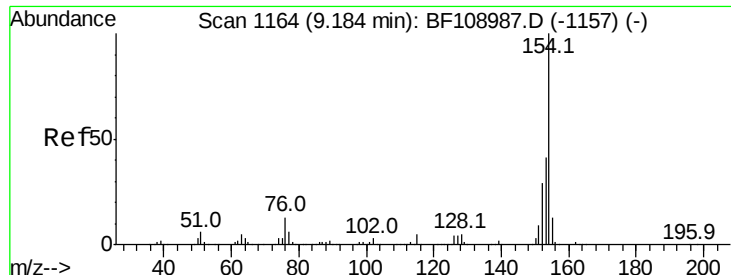
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.569 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

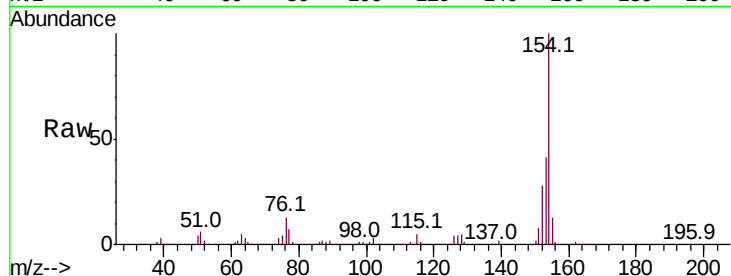
ClientSampleID :

PB112999BS

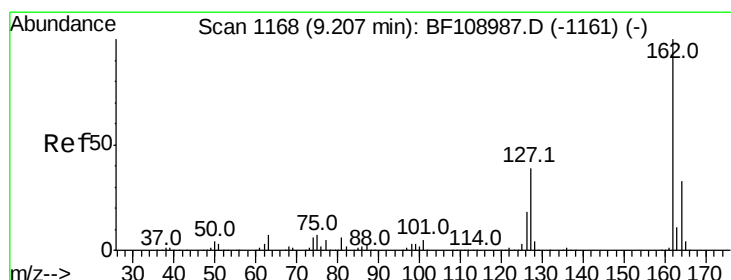
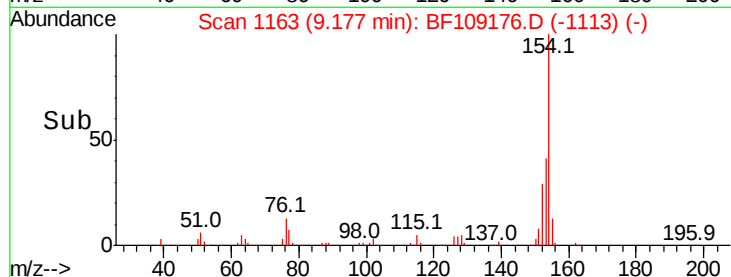
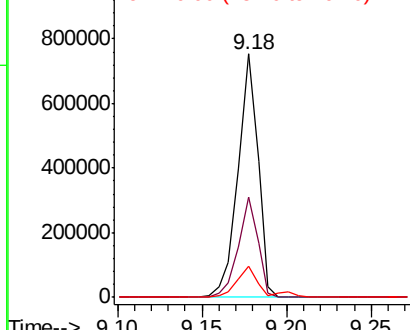
Tot Ion:	154	Resp:	618548
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.8	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.298 ng

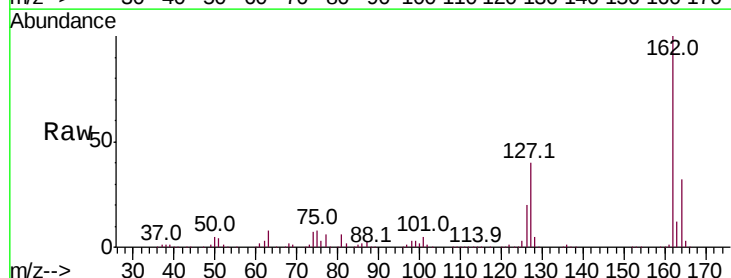
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

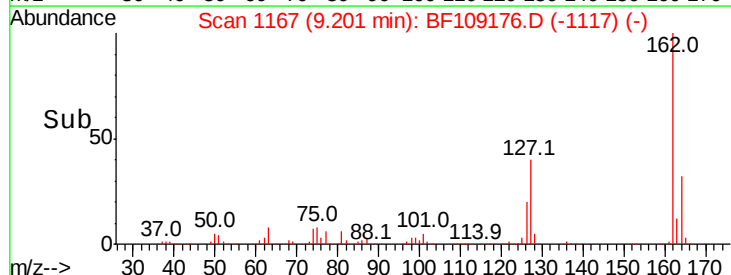
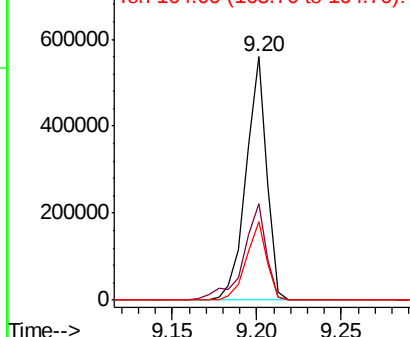
Lab File: BF109176.D

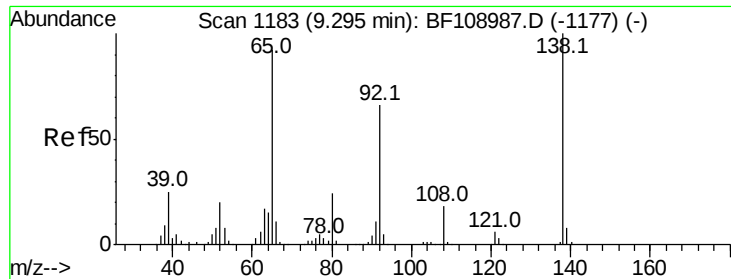
Acq: 20 Sep 2018 5:59

Tgt Ion:	162	Resp:	479465
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.9	50.9
164	32.4	26.5	39.7



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





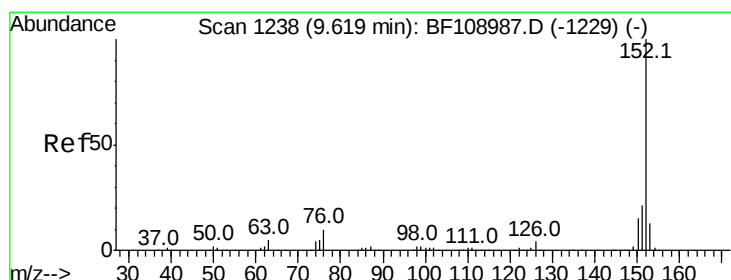
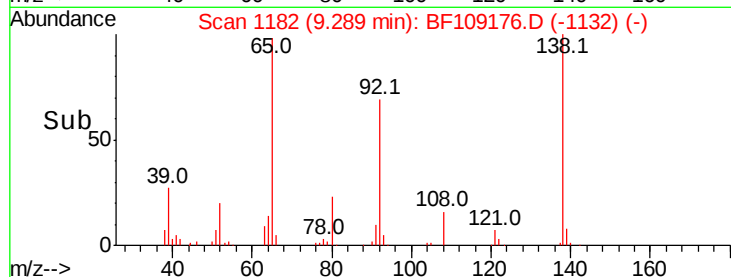
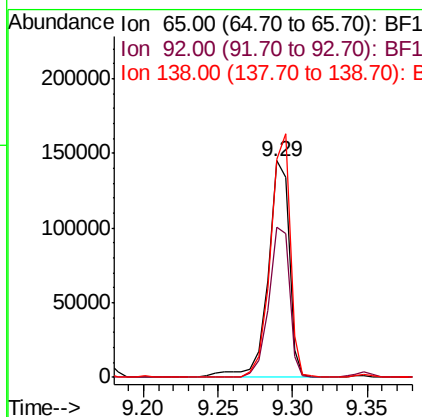
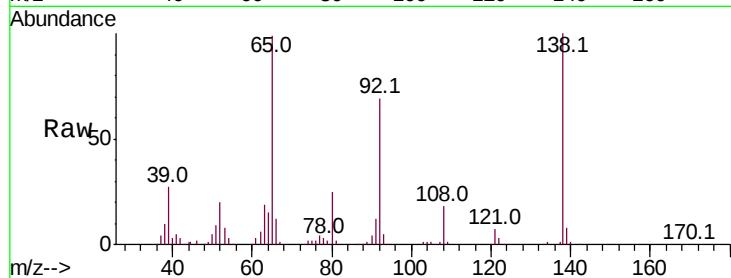
#47
2-Nitroaniline
Concen: 37.011 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.8	83.6
138	101.0	91.2	136.8

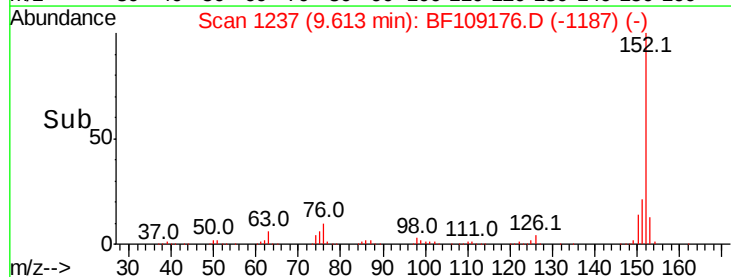
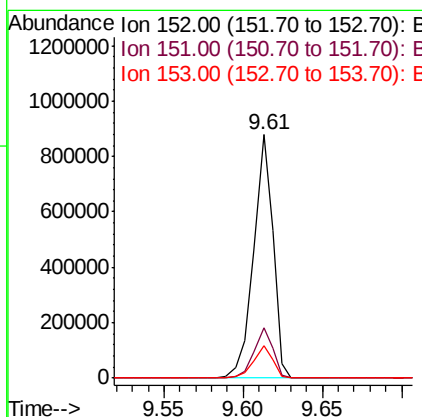
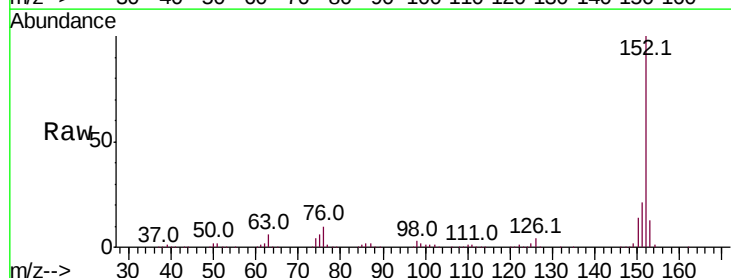
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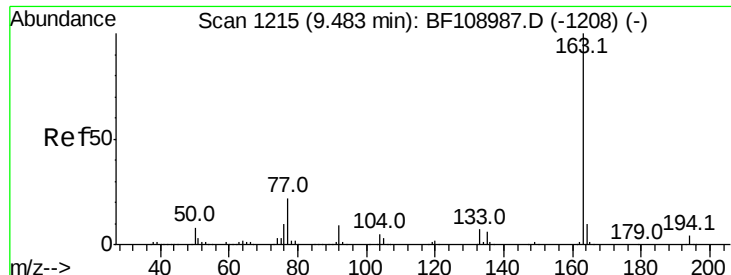
Sohil
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#48
Acenaphthylene
Concen: 39.501 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.2	10.7	16.1





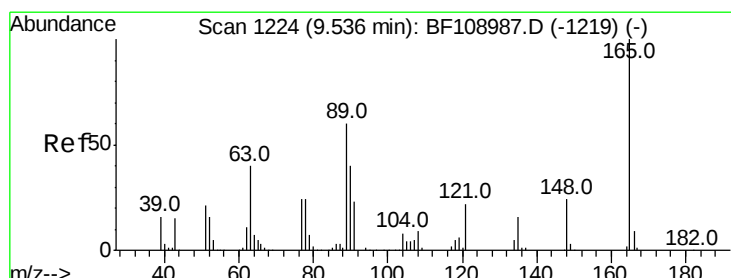
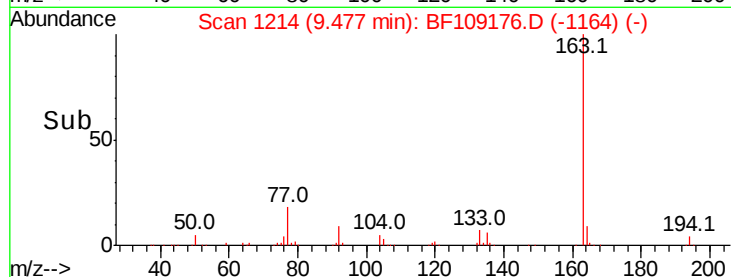
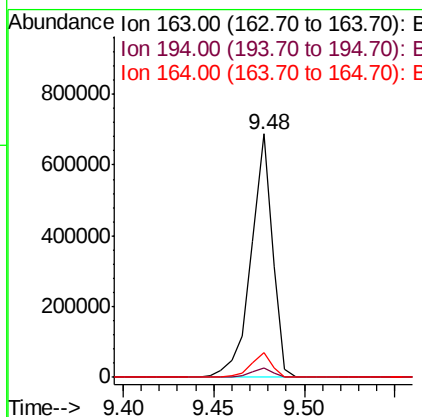
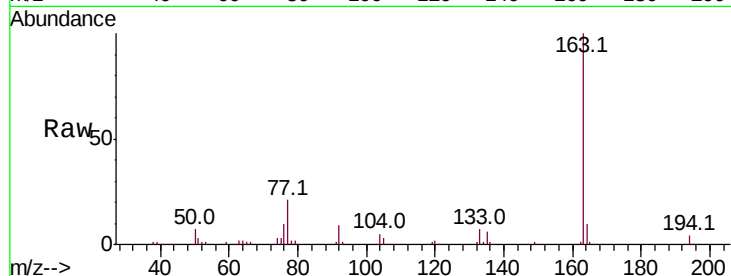
#49
Dimethylphthalate
Concen: 40.364 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.2	8.2	12.2	

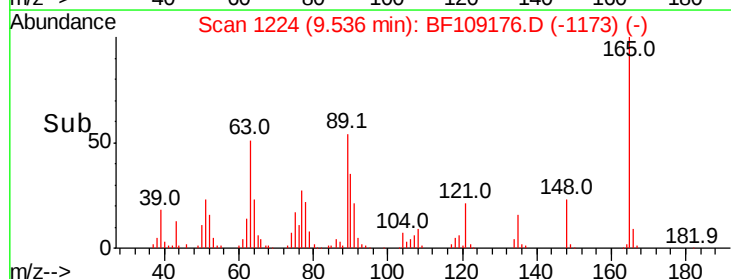
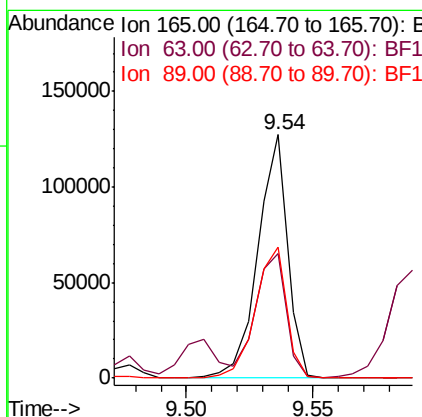
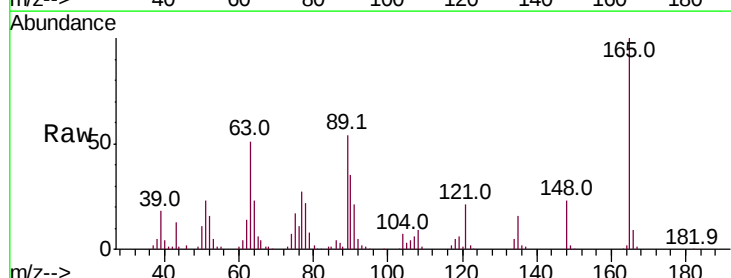
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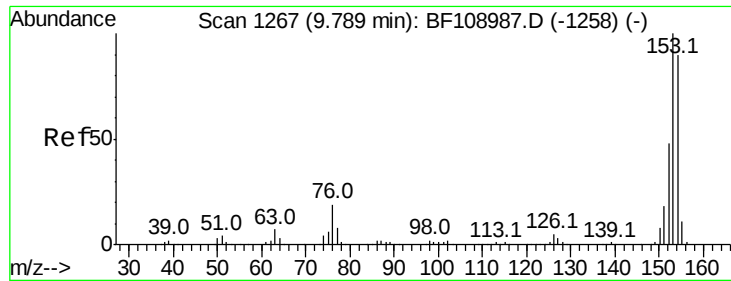
Sohil
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#50
2,6-Dinitrotoluene
Concen: 33.783 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	44.7	67.1	
89	53.9	44.0	66.0	





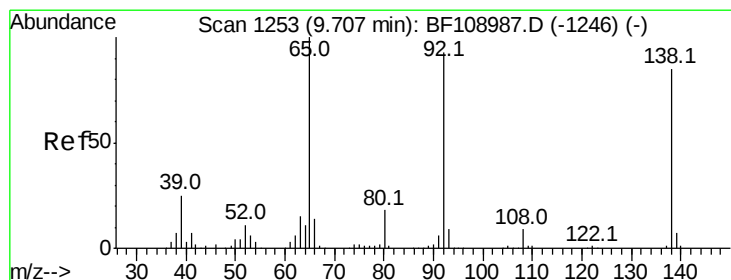
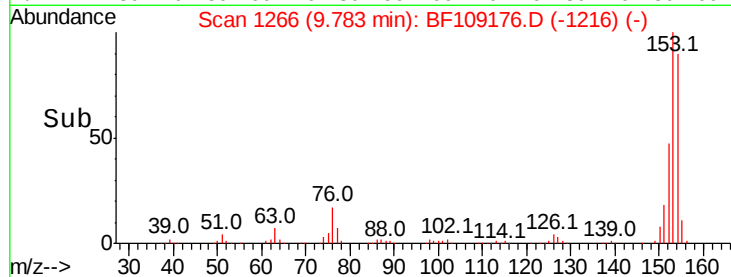
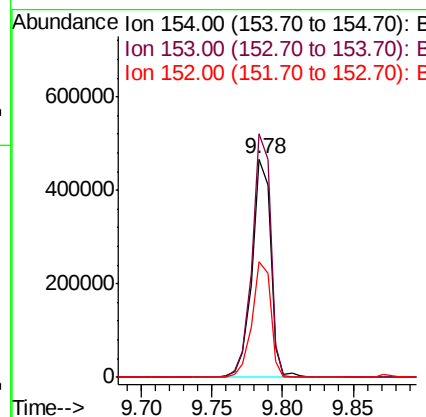
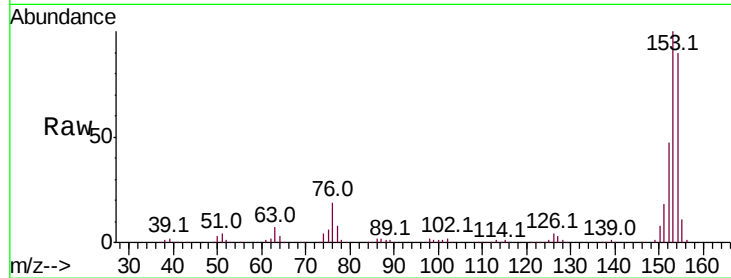
#51
Acenaphthene
Concen: 37.112 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	52.9	43.8	65.8

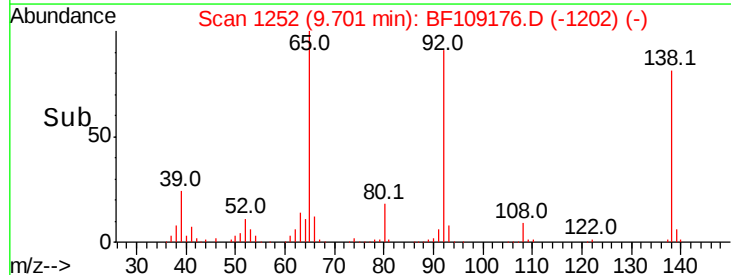
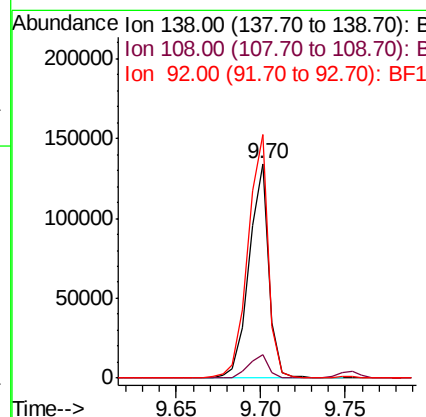
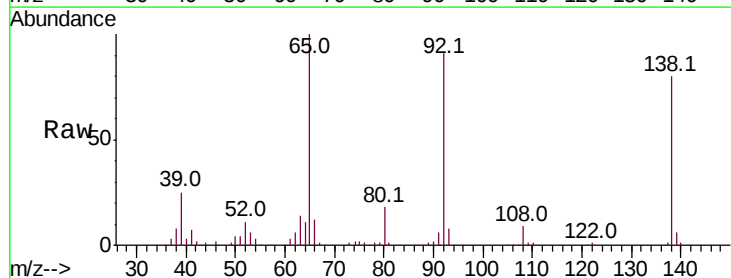
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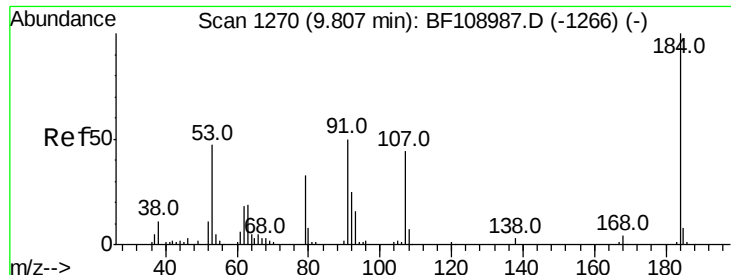
Sohil
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#52
3-Nitroaniline
Concen: 29.964 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	113.6	89.4	134.2





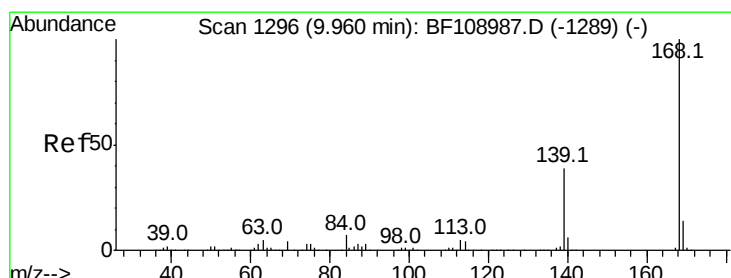
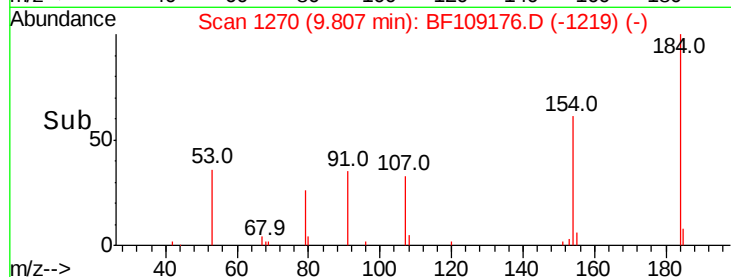
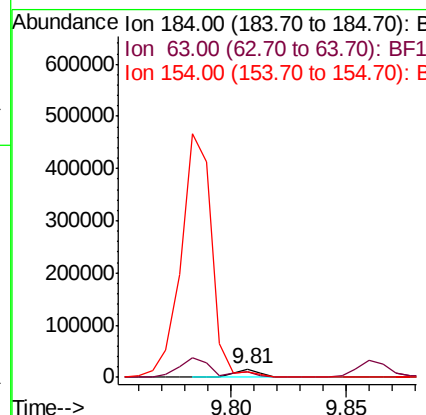
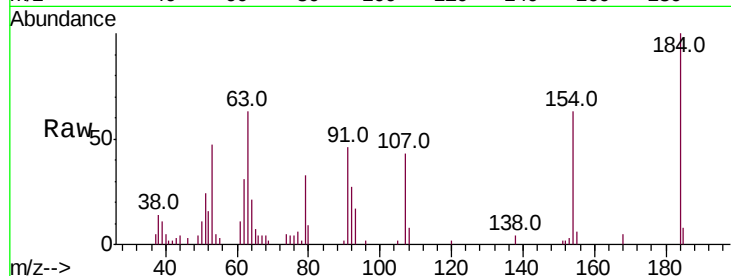
#53
 2,4-Dinitrophenol
 Concen: 11.449 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.4	54.2	81.2
154	63.1	184.0	276.0#

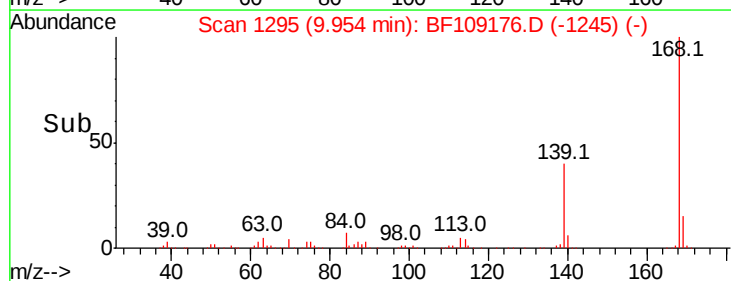
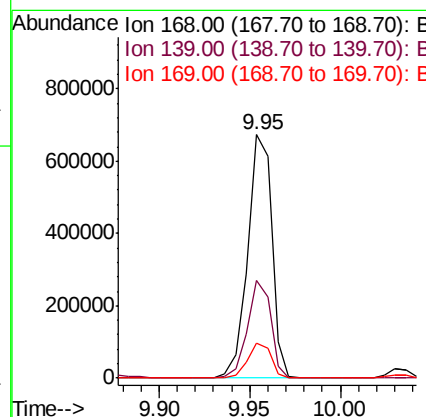
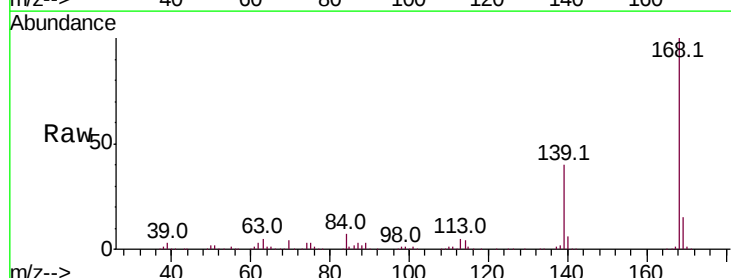
Manual Integrations
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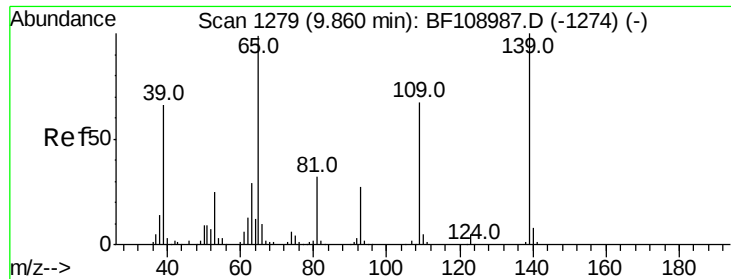
Sohil
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#54
 Dibenzofuran
 Concen: 36.642 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	14.6	10.9	16.3





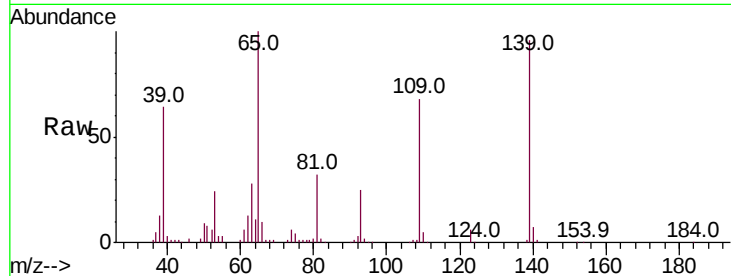
#55
4-Nitrophenol
Concen: 43.348 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.1	48.4	88.4	
65	104.0	72.6	112.6	

Manual Integrations
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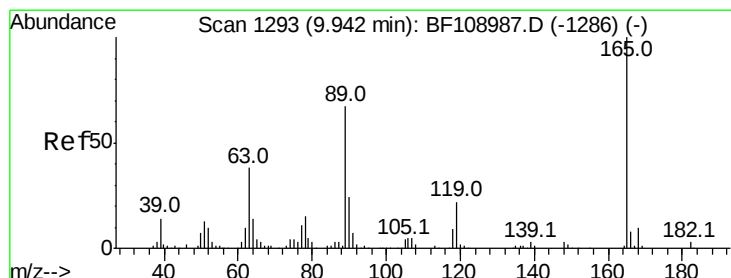
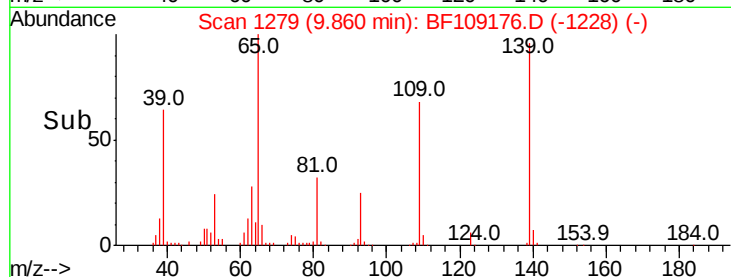
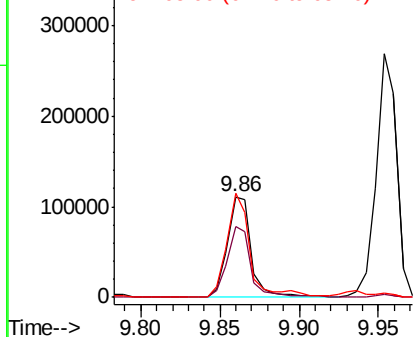


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 30.947 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.5	36.4	54.6	
89	68.5	57.8	86.6	
182	2.7	1.6	2.4	#

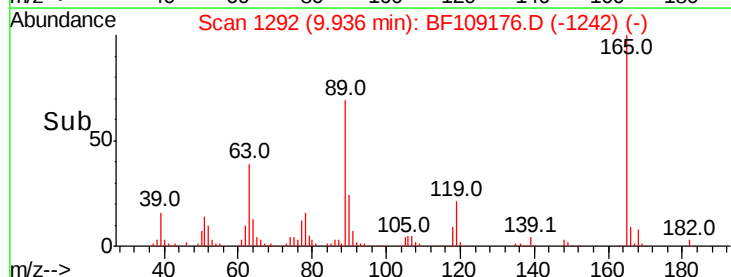
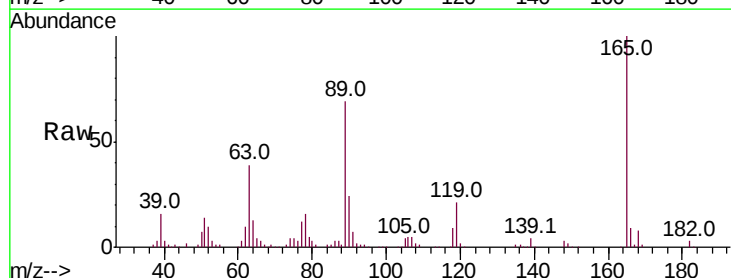
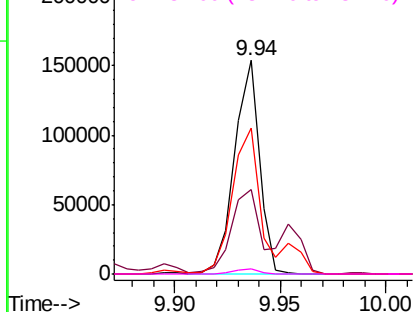
Abundance

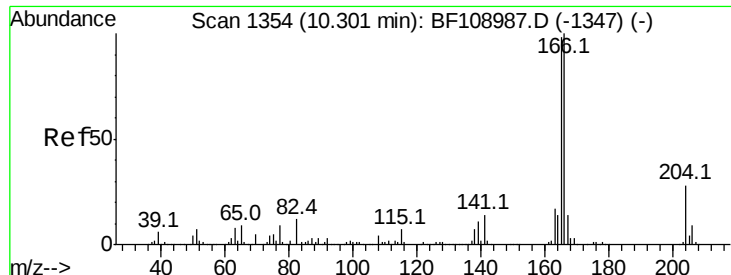
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





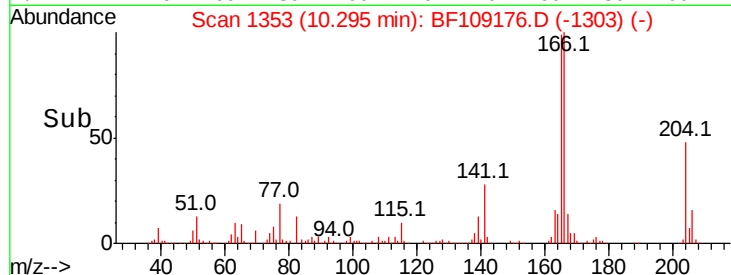
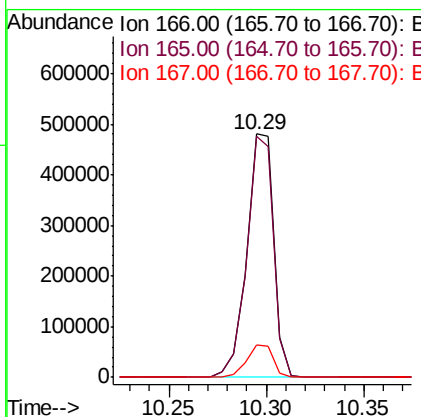
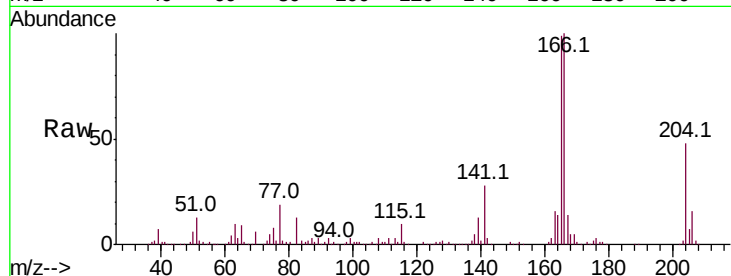
#57
 Fluorene
 Concen: 40.467 ng
 RT: 10.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.5	10.6	16.0	

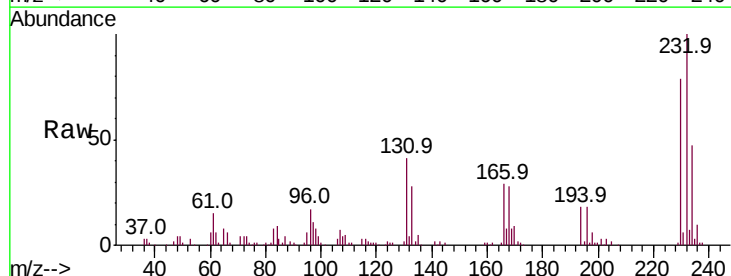
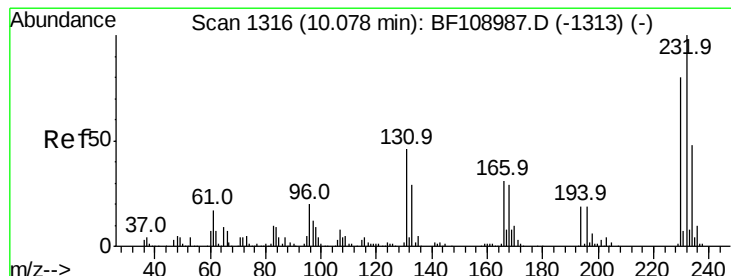
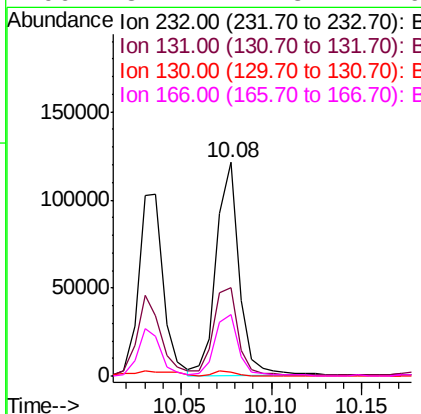
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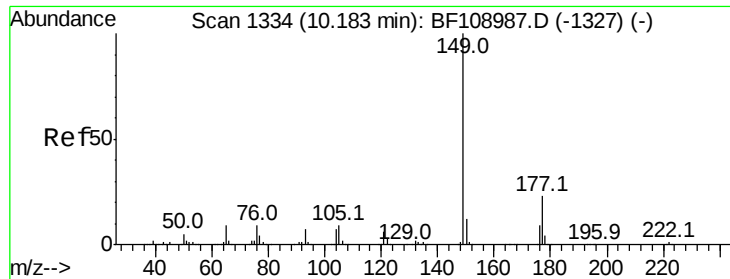
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.594 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.5	43.8	65.8	
130	2.2	2.1	3.1	
166	31.1	27.8	41.6	





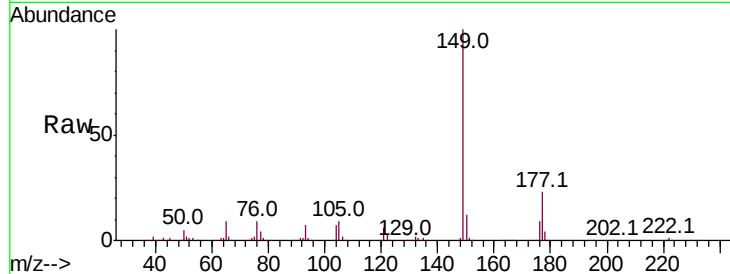
#59
Diethylphthalate
Concen: 38.295 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

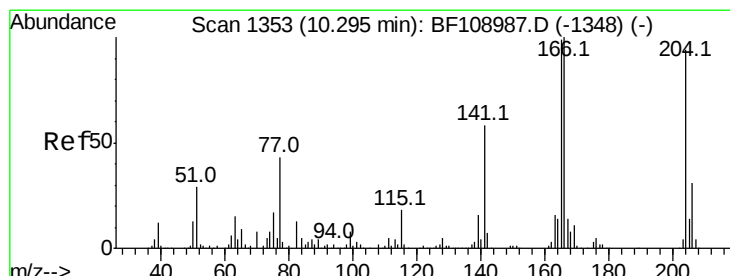
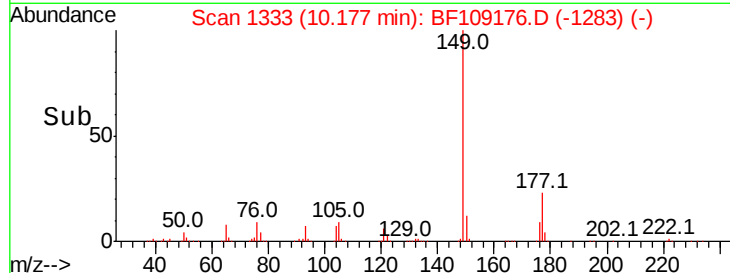
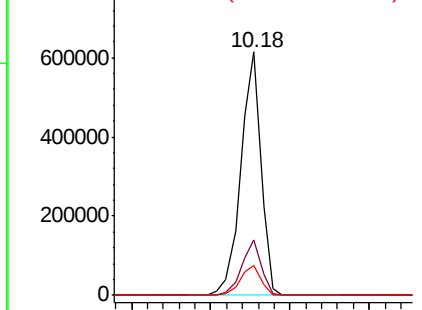
Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.6	16.1	24.1
150	12.2	10.1	15.1

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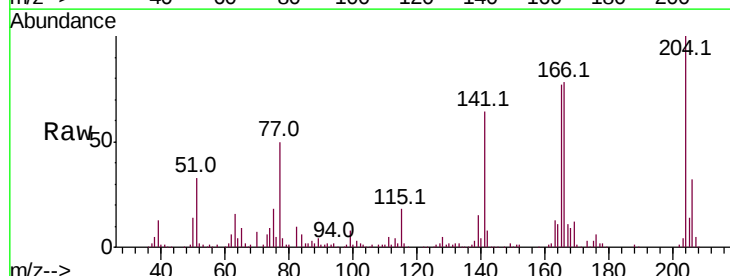


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

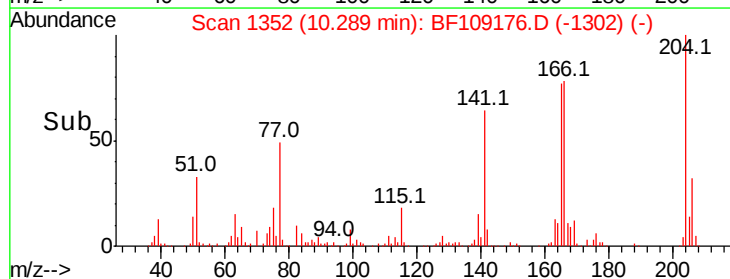
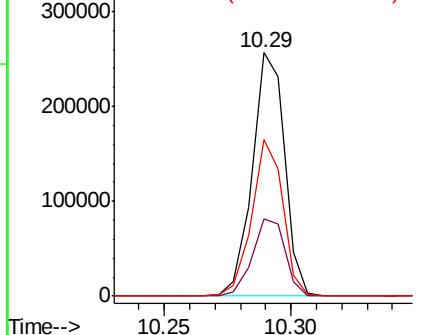


#60
4-Chlorophenyl-phenylether
Concen: 37.771 ng
RT: 10.29 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.6	26.5	39.7
141	64.3	54.6	81.8



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





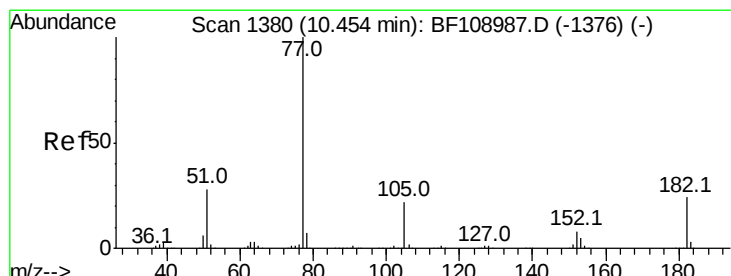
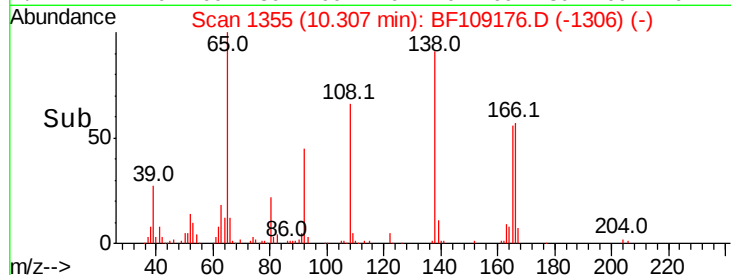
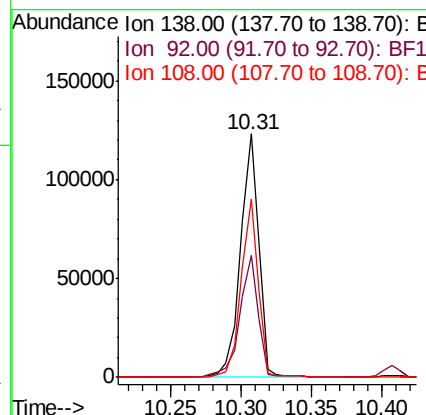
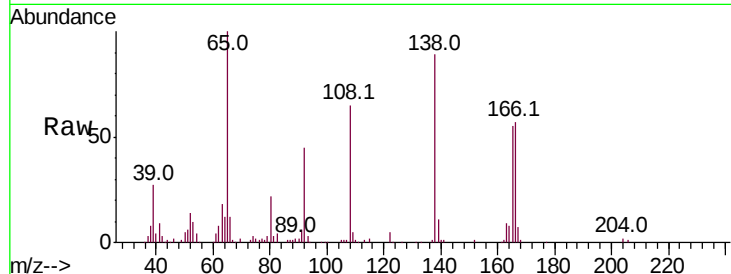
#61
4-Nitroaniline
Concen: 31.934 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.1	30.2	70.2
108	73.0	52.5	92.5

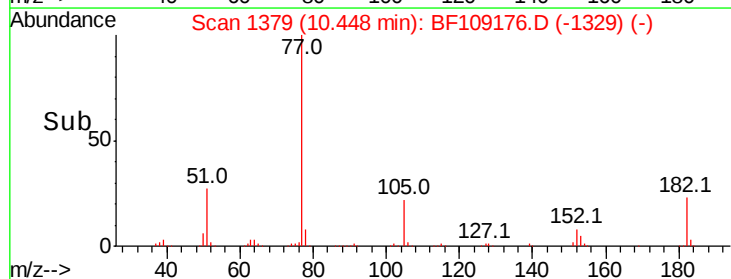
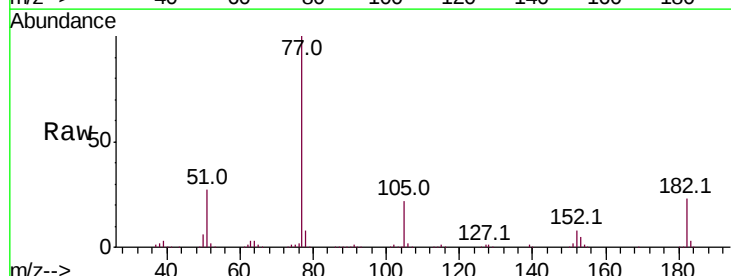
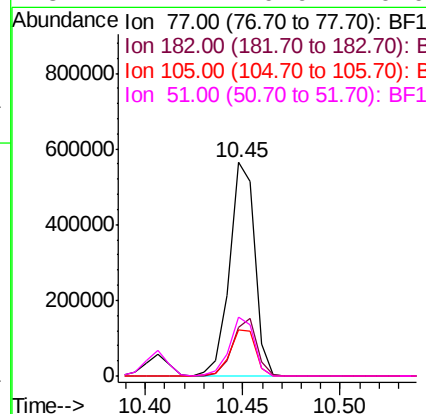
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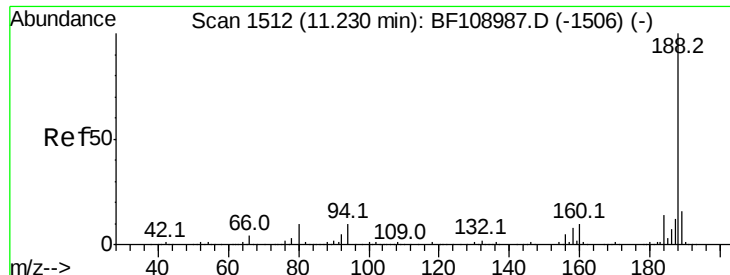
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#62
Azobenzene
Concen: 35.042 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	21.7	3.0	43.0
51	27.4	9.9	49.9





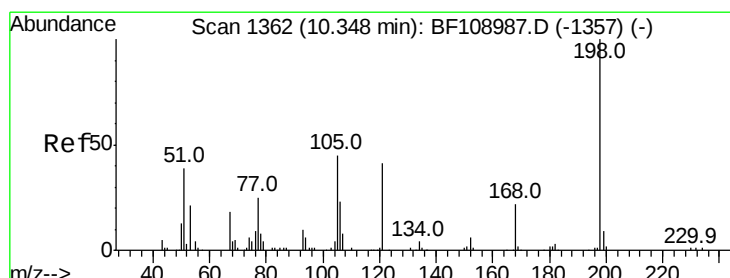
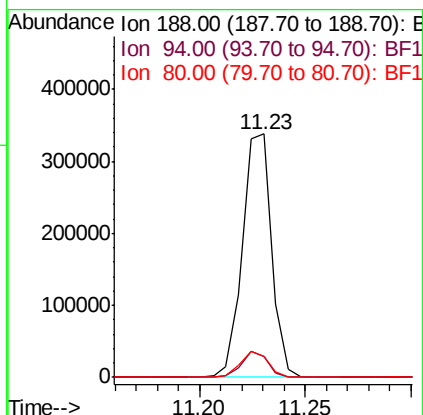
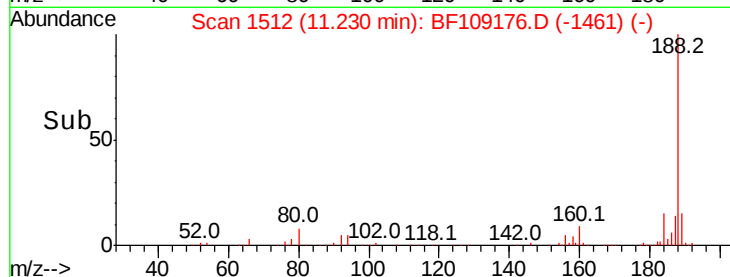
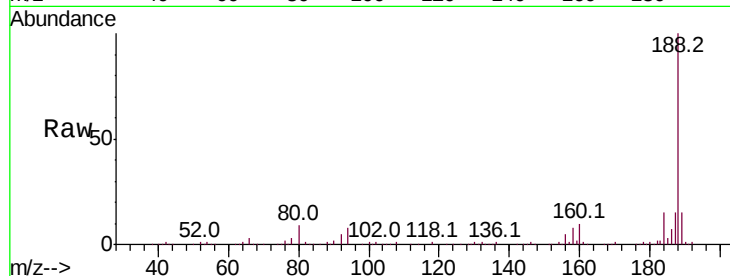
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.8	9.2	13.8#

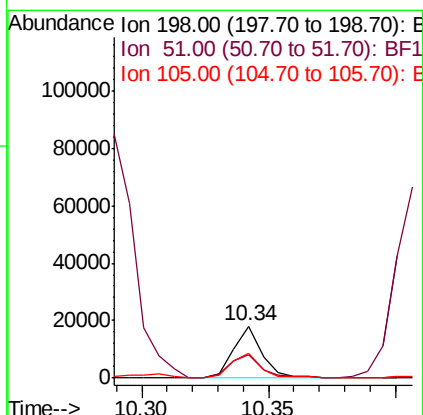
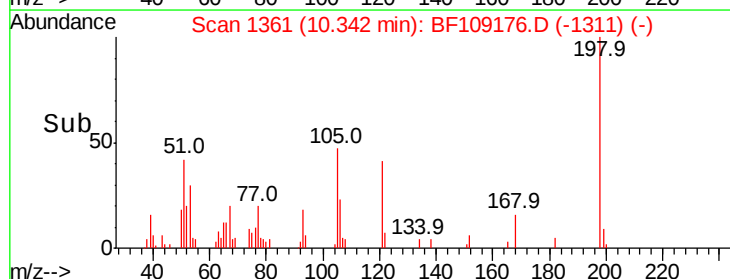
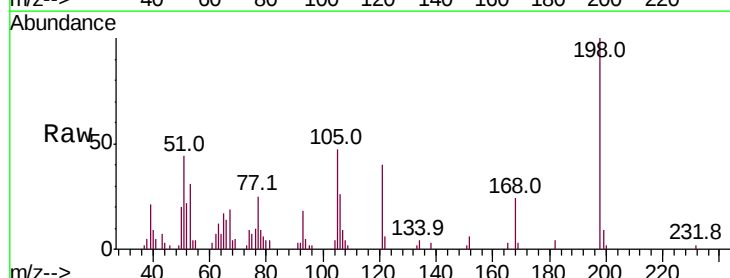
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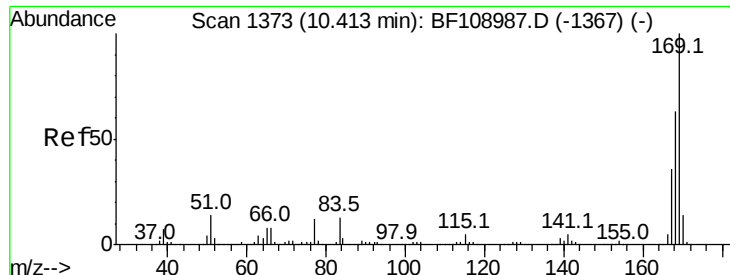
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.126 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	44.4	37.7	77.7
105	46.9	36.3	76.3





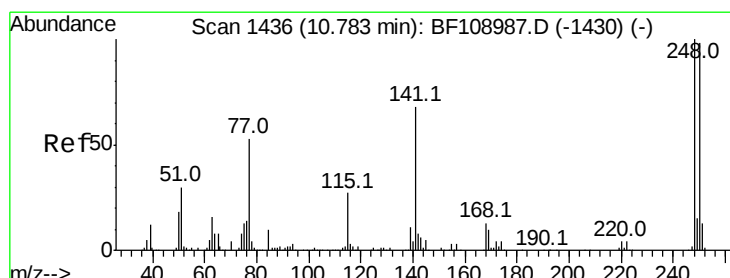
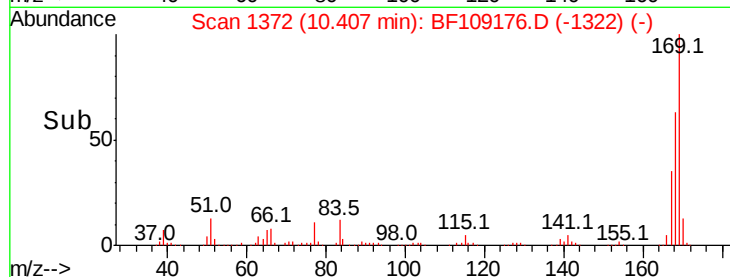
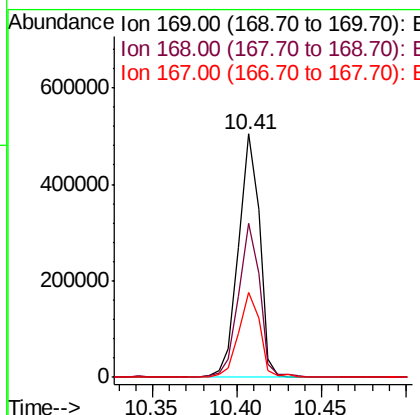
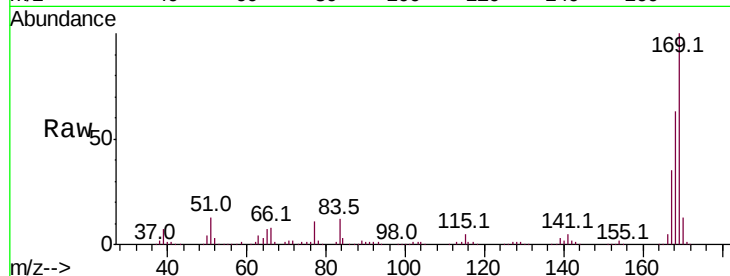
#65
n-Nitrosodiphenylamine
Concen: 41.366 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.5	54.4	81.6	
167	34.7	29.8	44.6	

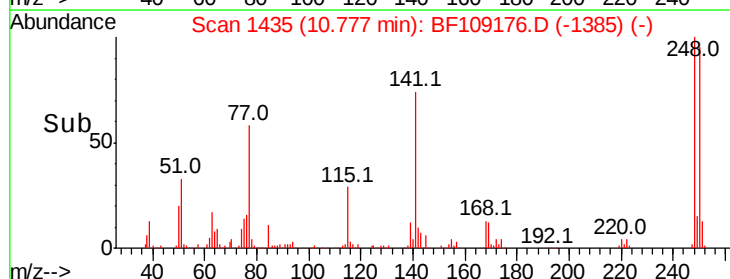
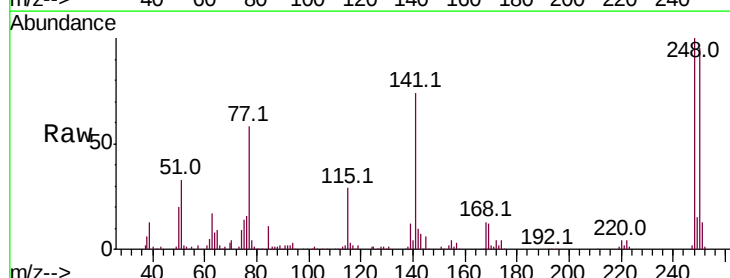
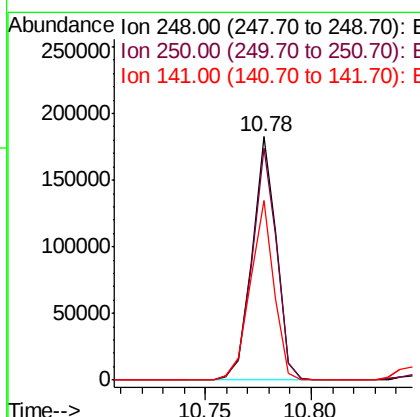
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#66
4-Bromophenyl-phenylether
Concen: 40.031 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	76.9	115.3	
141	73.9	74.4	111.6	





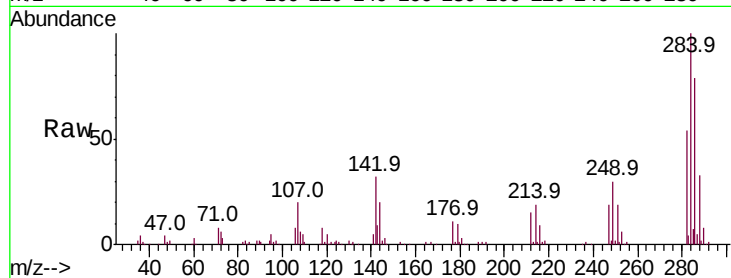
#67
Hexachlorobenzene
Concen: 38.814 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

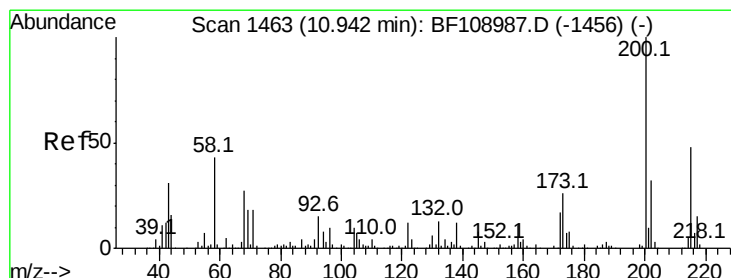
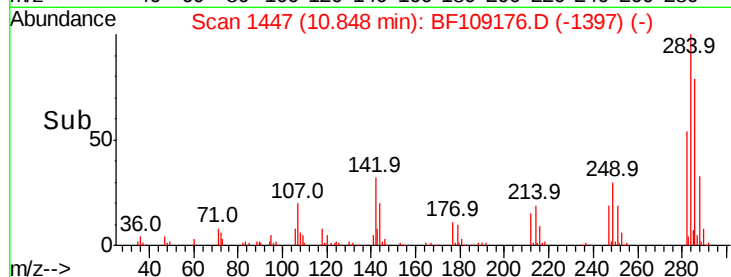
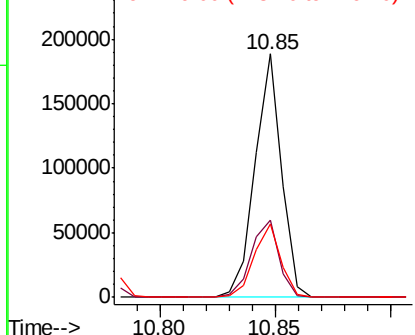
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.9	34.6	52.0#
249	30.0	24.8	37.2

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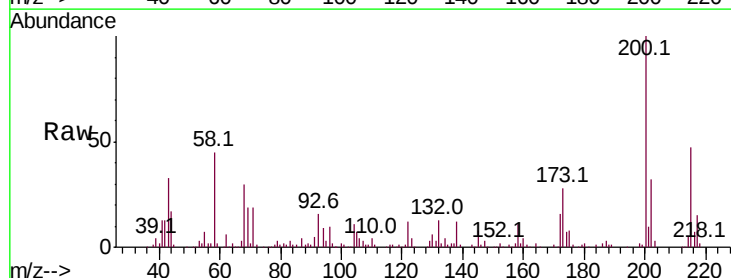


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

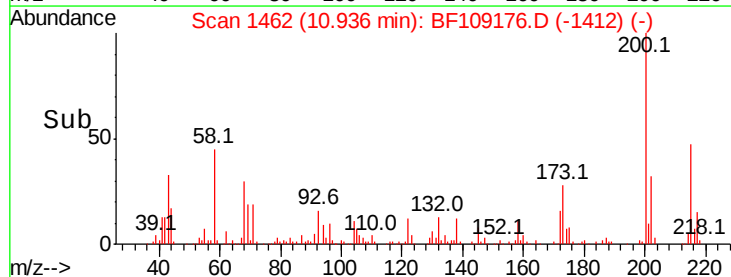
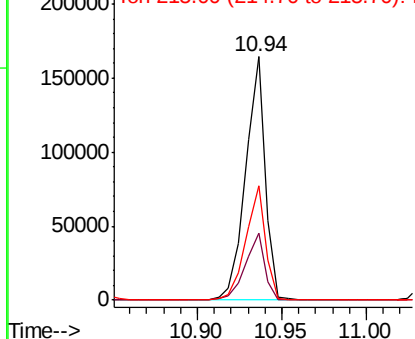


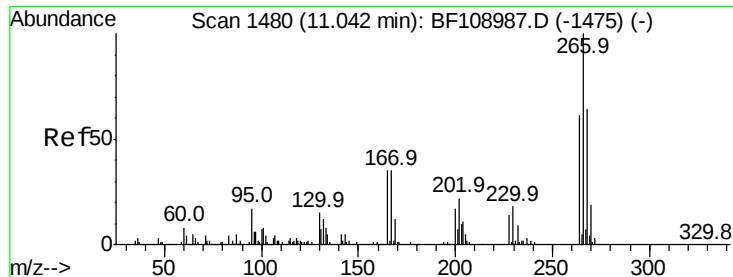
#68
Atrazine
Concen: 39.599 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	8.6	48.6
215	47.0	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





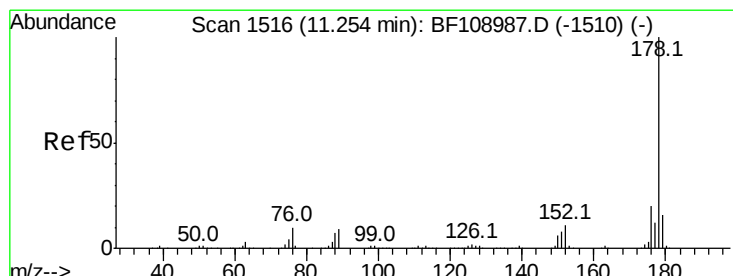
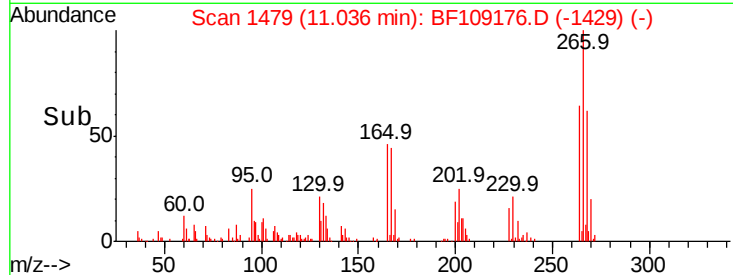
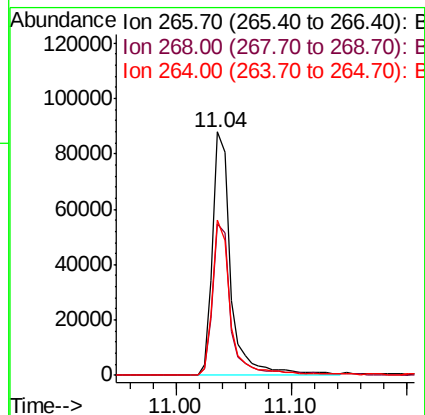
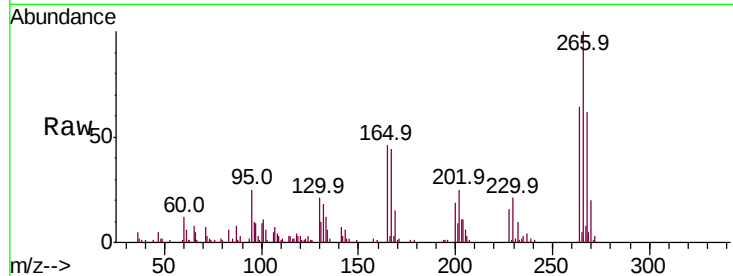
#69
 Pentachlorophenol
 Concen: 39.219 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	51.1	76.7	
264	63.8	49.5	74.3	

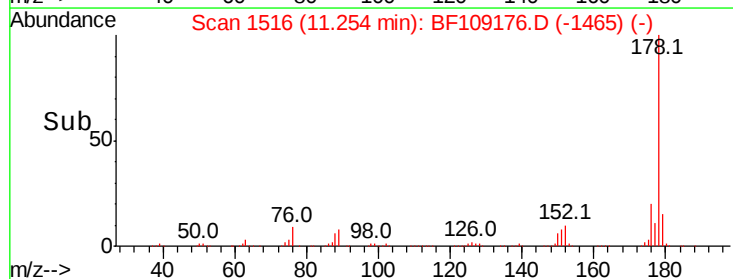
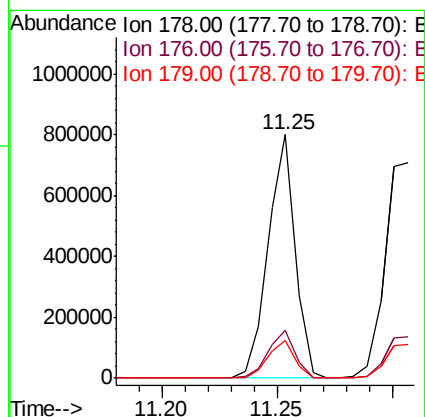
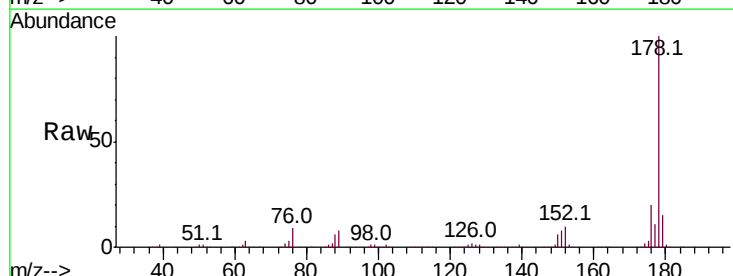
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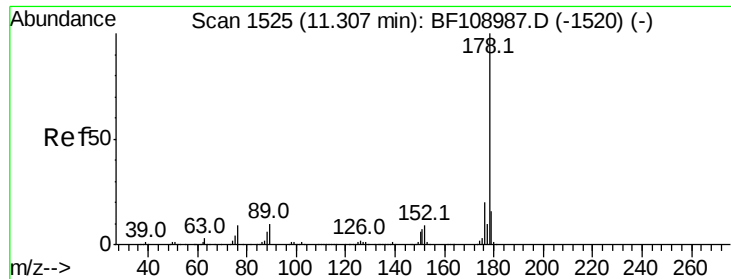
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#70
 Phenanthrene
 Concen: 41.127 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	15.8	23.8	
179	15.4	13.0	19.6	





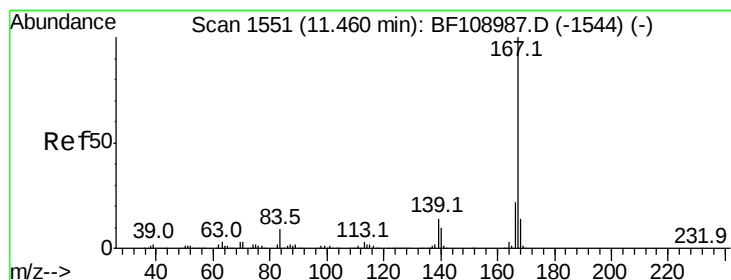
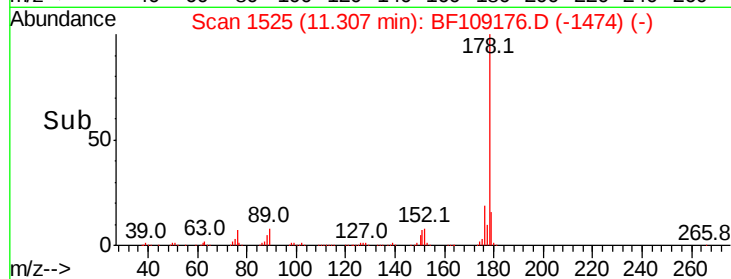
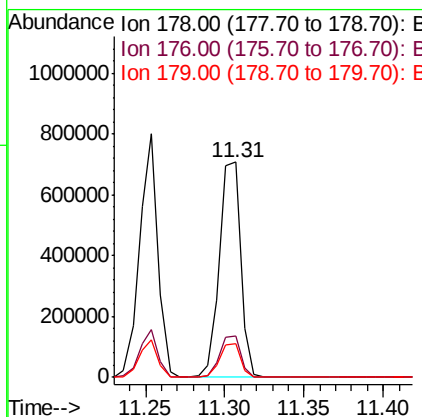
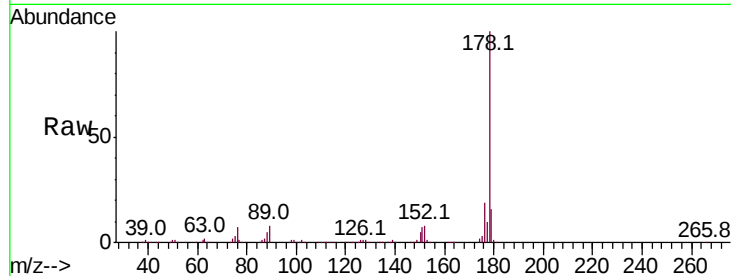
#71
 Anthracene
 Concen: 41.285 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

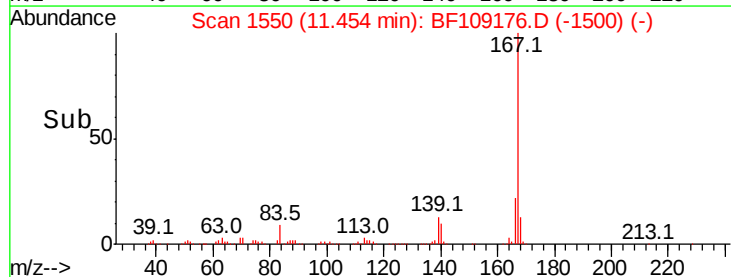
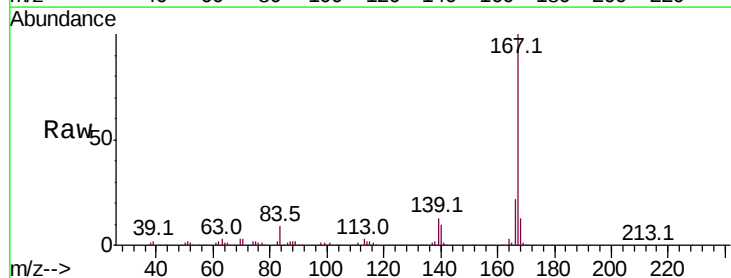
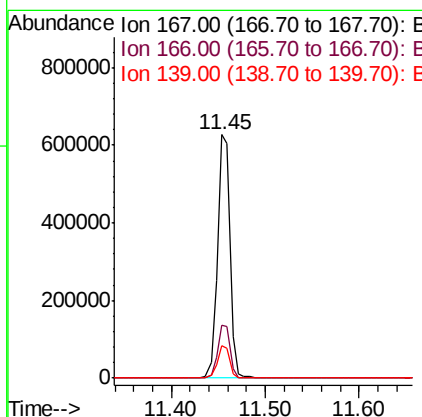
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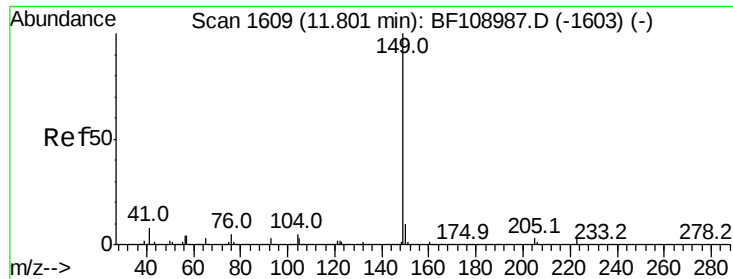
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#72
 Carbazole
 Concen: 36.920 ng
 RT: 11.45 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.181 ng

RT: 11.79 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

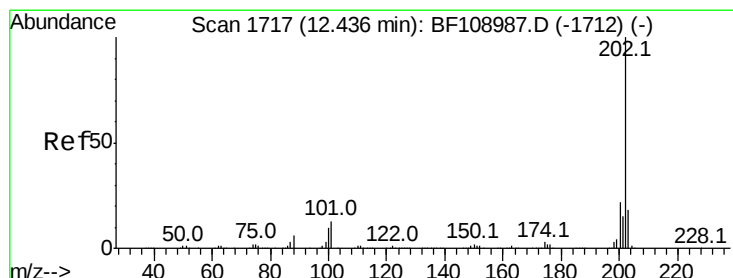
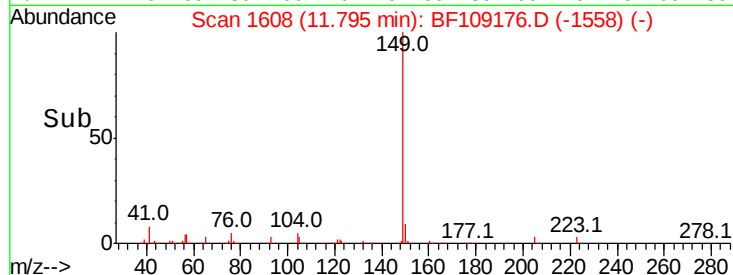
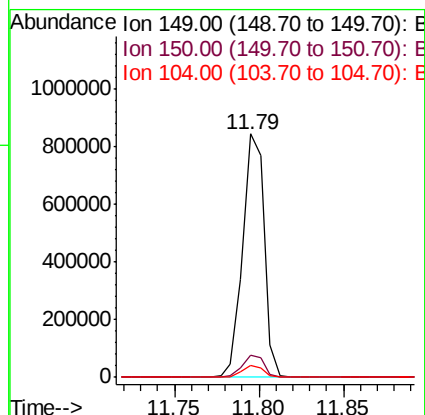
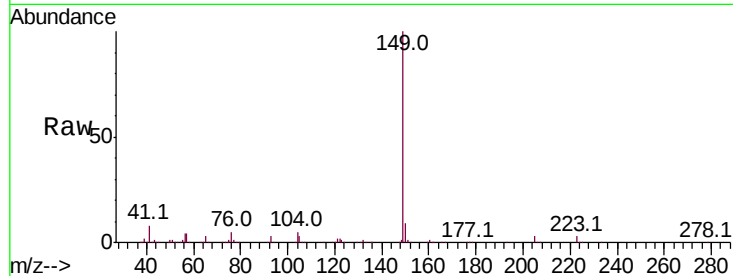
ClientSampleId :

PB112999BS

Tot Ion:	149	Resp:	748103
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 40.617 ng

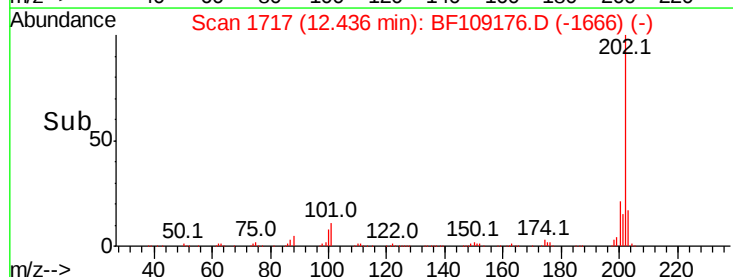
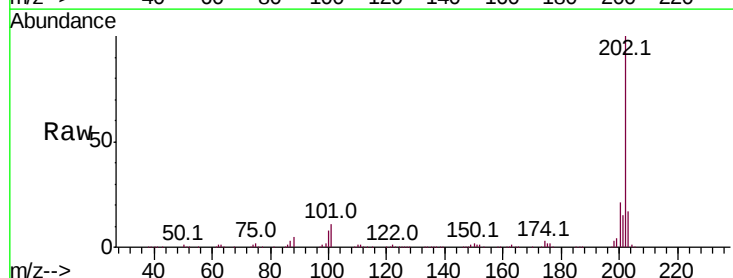
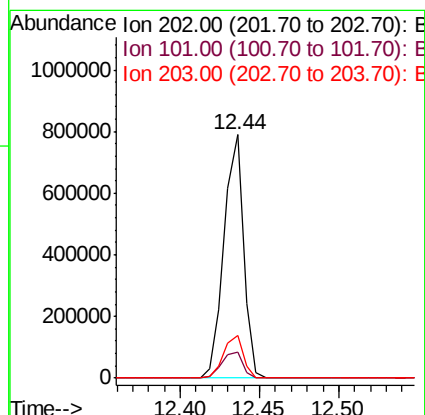
RT: 12.44 min Scan# 1717

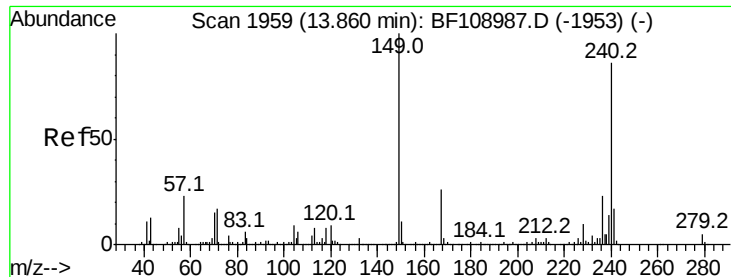
Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	202	Resp:	679662
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

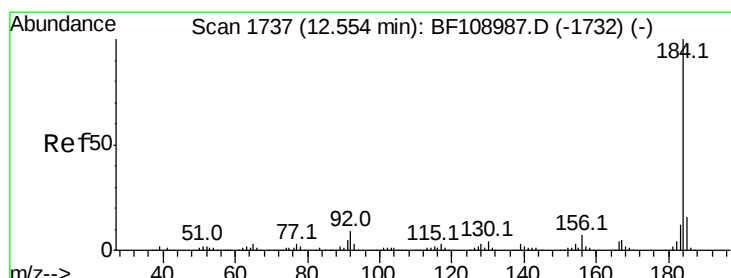
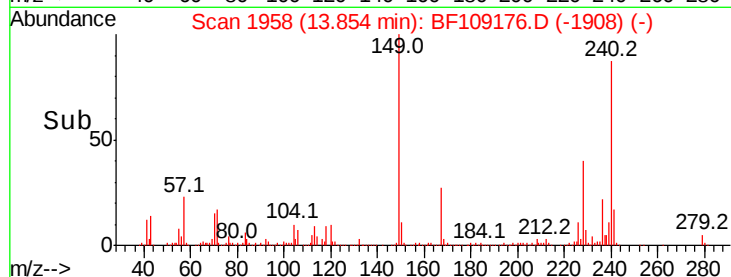
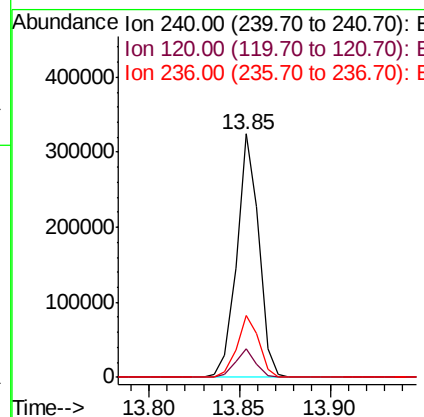
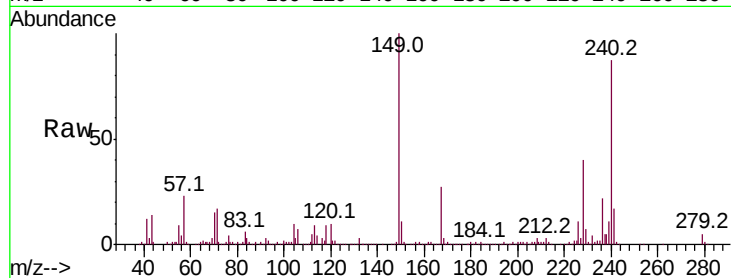
ClientSampleId :

PB112999BS

Tot Ion:	240	Resp:	273698
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.3	20.7	31.1

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#76

Benzidine

Concen: 18.920 ng

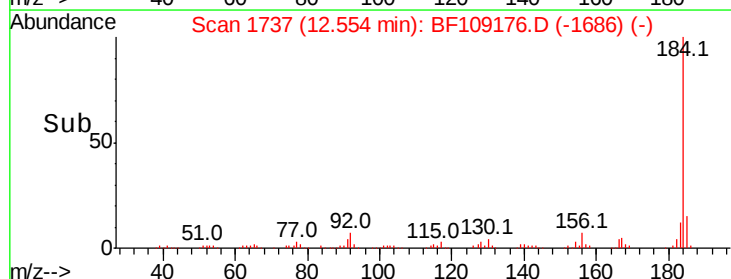
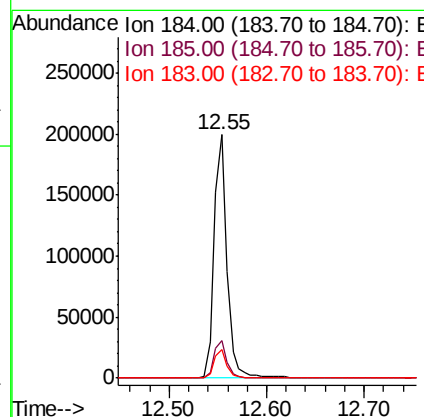
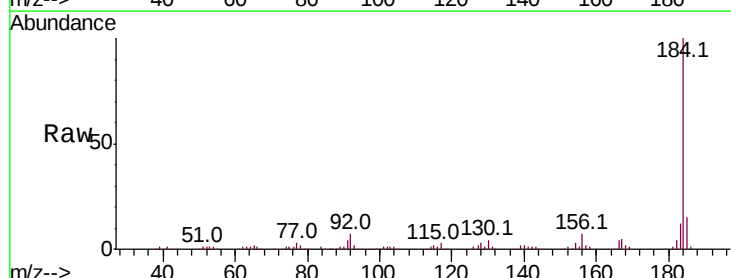
RT: 12.55 min Scan# 1737

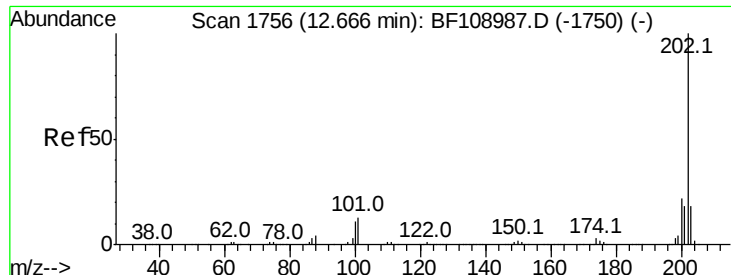
Delta R.T. 0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	184	Resp:	183304
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.9	9.3	13.9





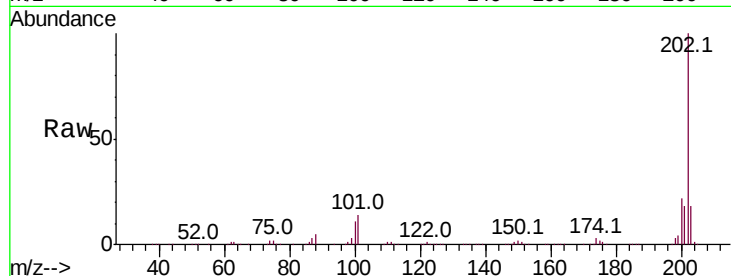
#77
Pvrene
Concen: 33.931 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampled :
PB112999BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

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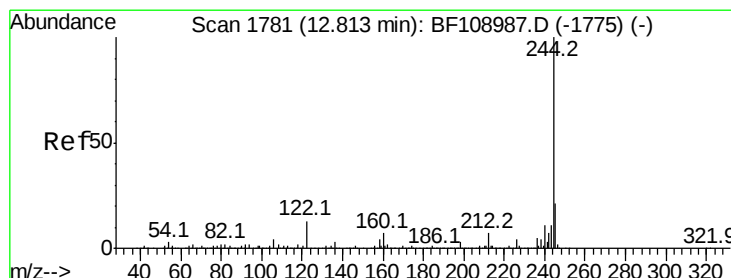
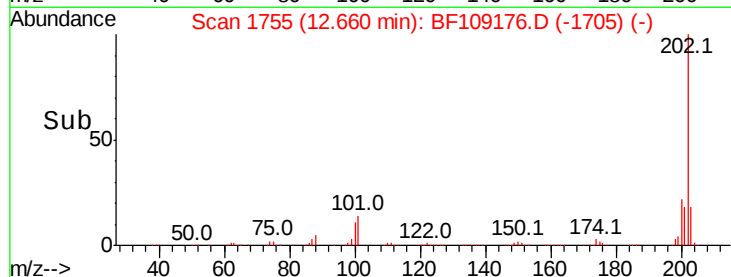
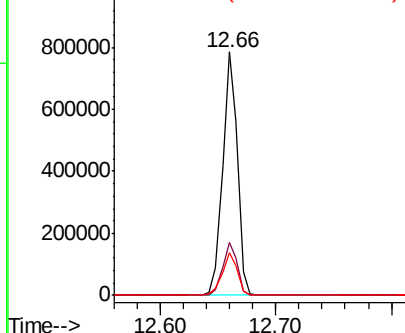


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 79.890 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

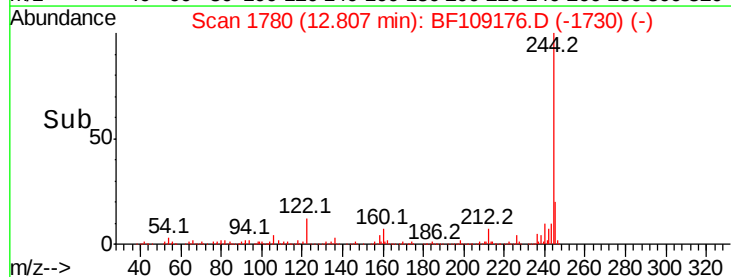
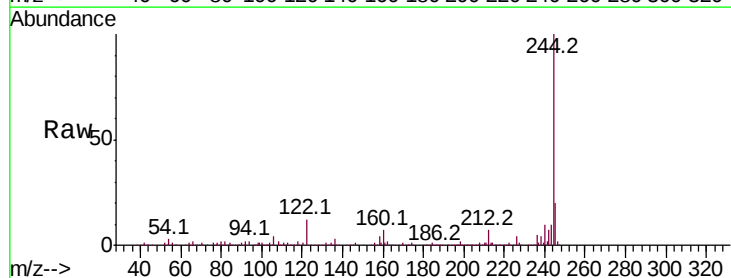
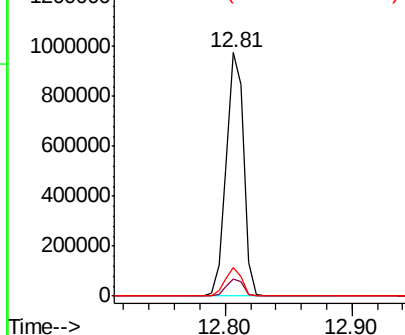
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	11.0	16.4

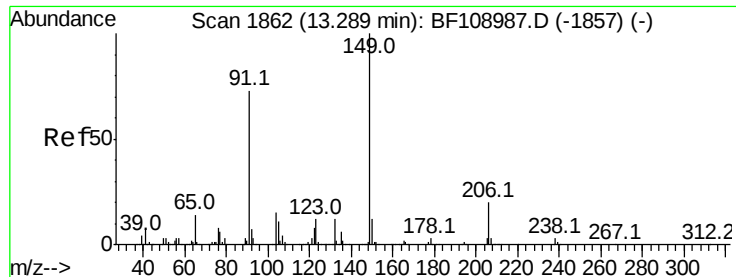
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.235 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

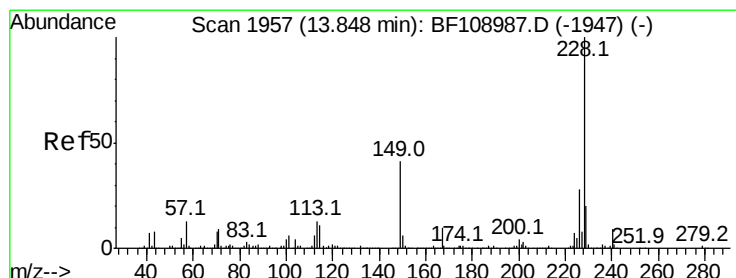
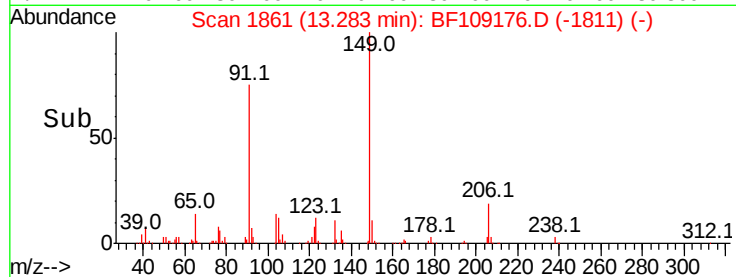
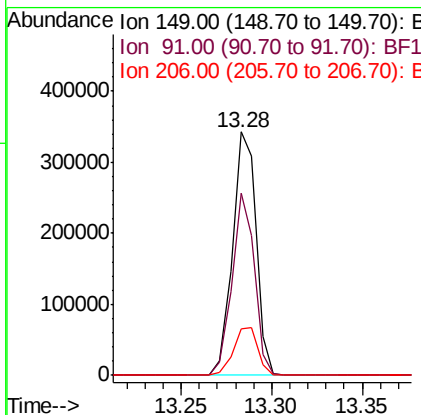
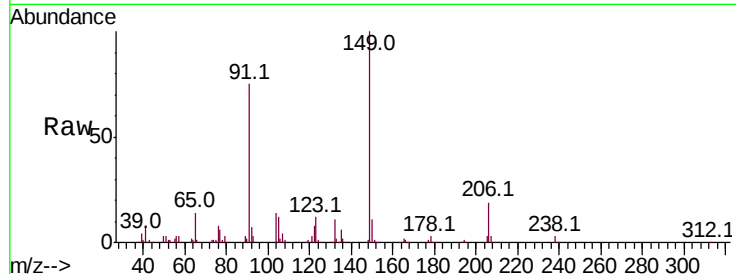
ClientSampleId :

PB112999BS

Tot Ion:	149	Resp:	310860
Ion Ratio	Lower	Upper	
149	100		
91	74.7	56.8	85.2
206	18.9	14.1	21.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 39.306 ng

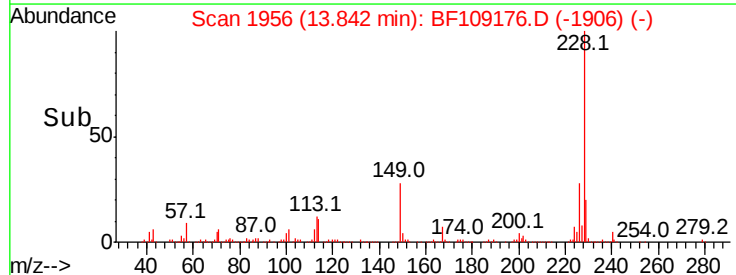
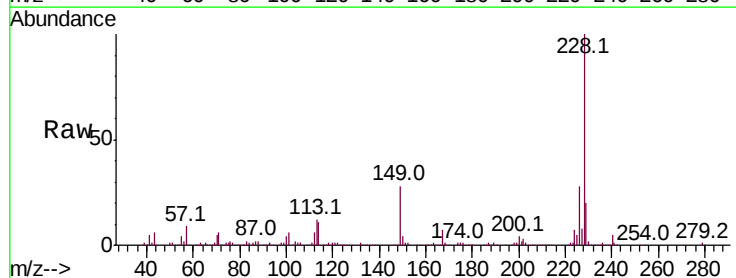
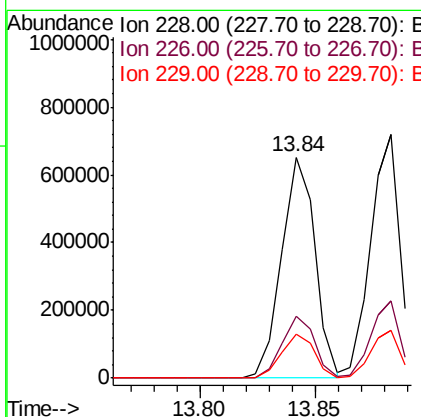
RT: 13.84 min Scan# 1956

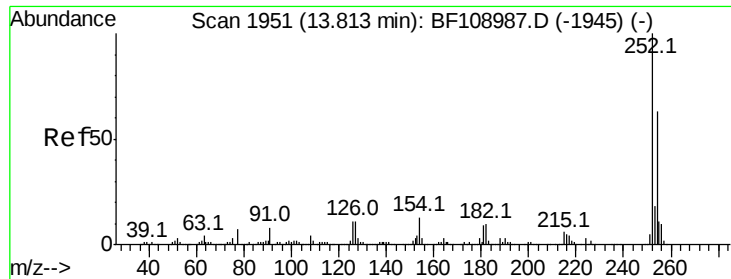
Delta R.T. -0.01 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion:	228	Resp:	651316
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





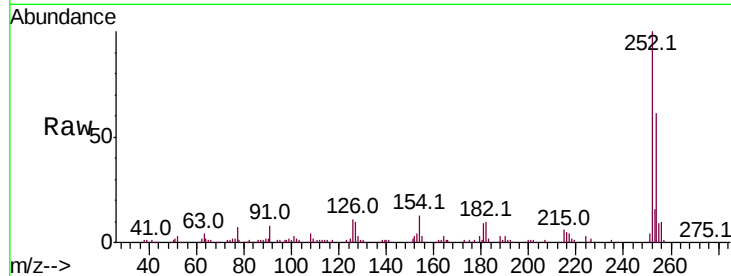
#81
 3,3'-Dichlorobenzidine
 Concen: 17.206 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.3	50.4	75.6
126	11.0	11.3	16.9

Manual Integrations
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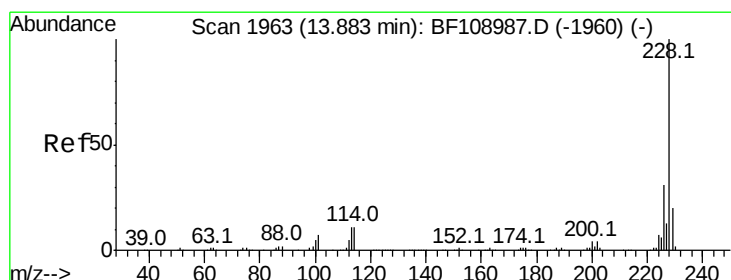
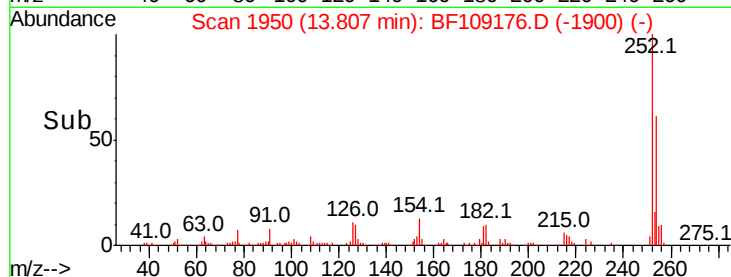
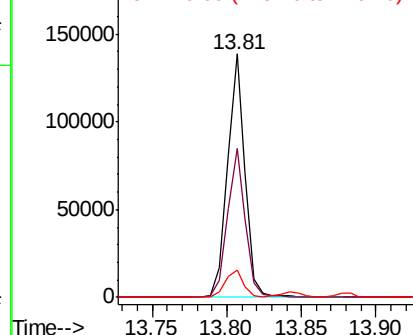


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.523 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

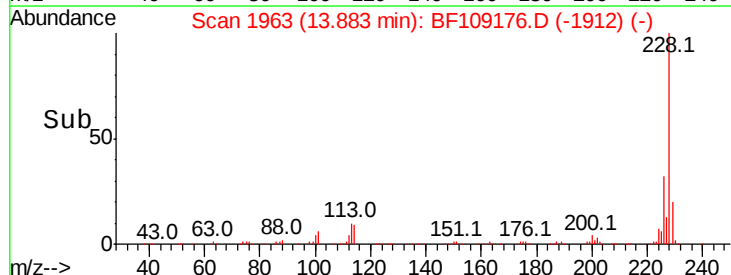
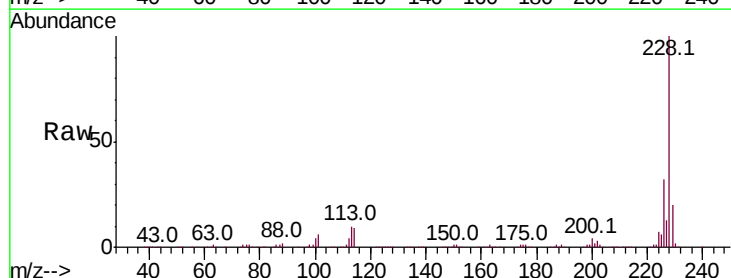
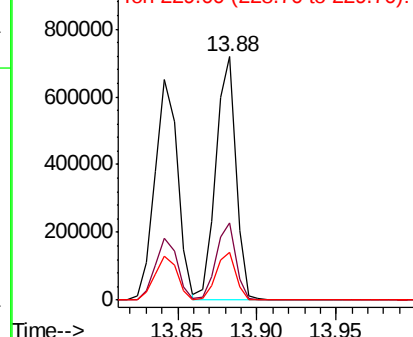
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.0	37.6
229	19.9	16.2	24.4

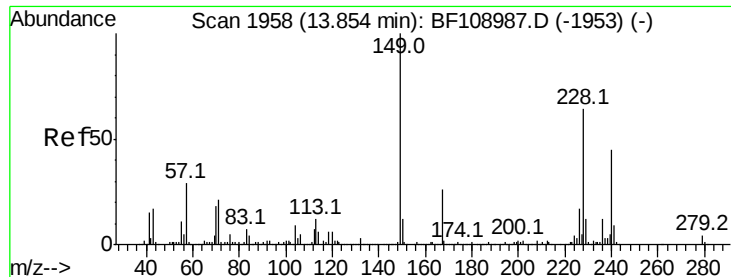
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





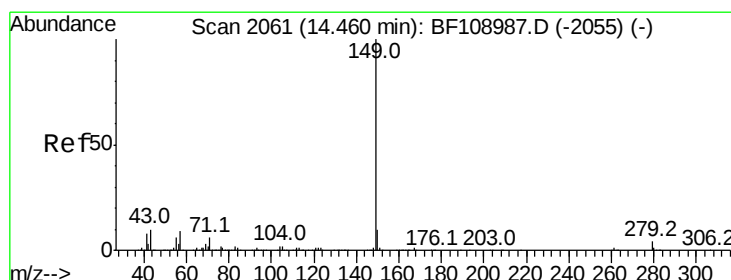
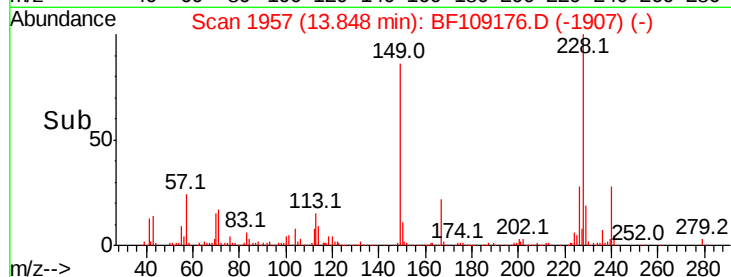
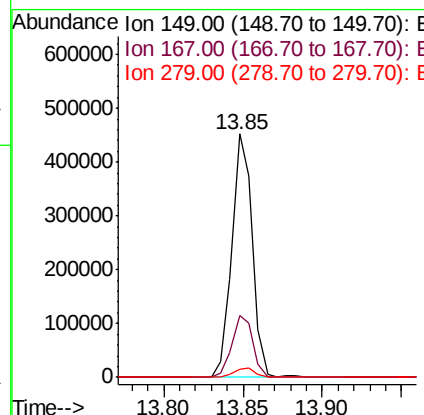
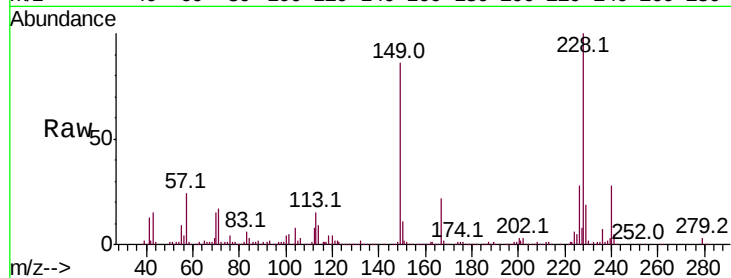
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.778 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.6	21.3	31.9	
279	3.2	3.0	4.4	

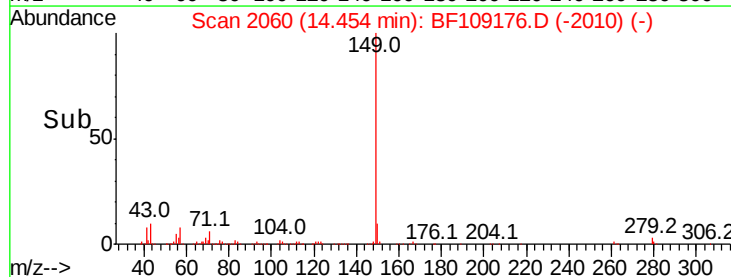
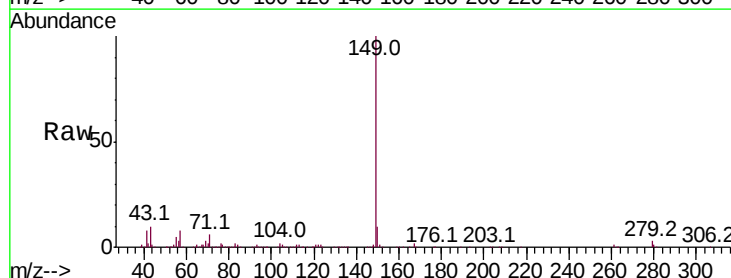
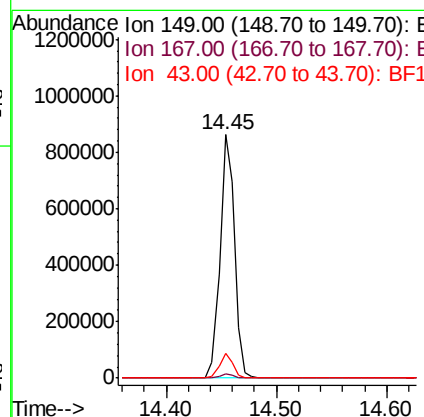
Manual Integrations
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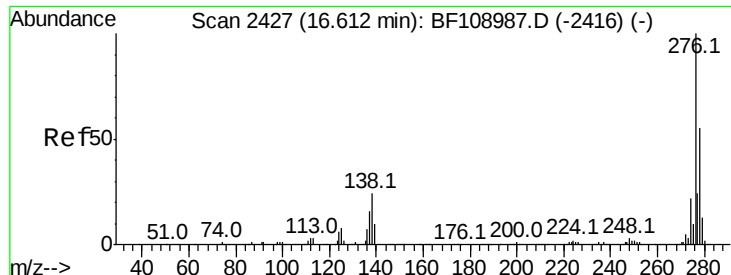
Sohil
 9/20/2018 10:06:58 AM



#84
 Di-n-octyl phthalate
 Concen: 41.729 ng
 RT: 14.45 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.5	8.4	12.6	





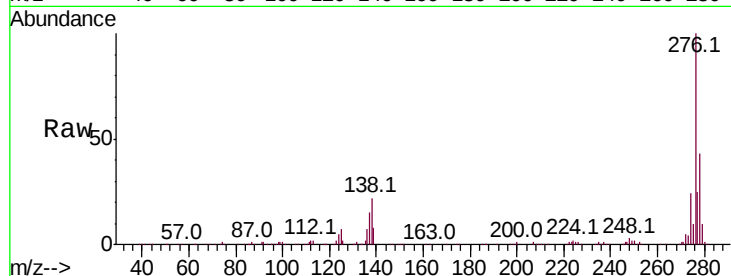
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.379 ng
RT: 16.61 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	25.0	20.1	30.1

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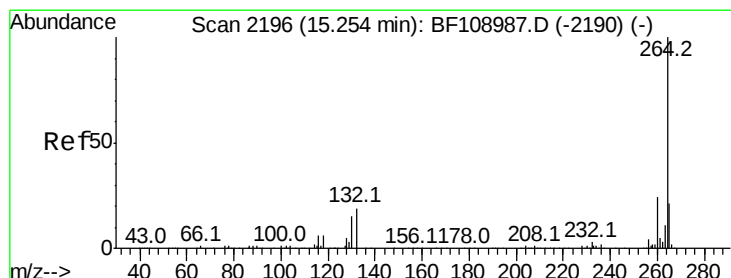
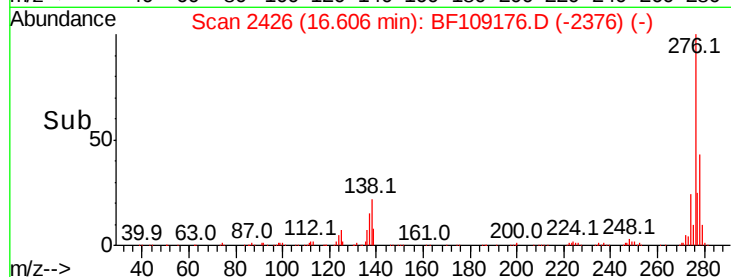
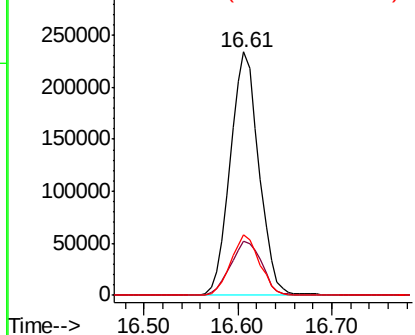


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

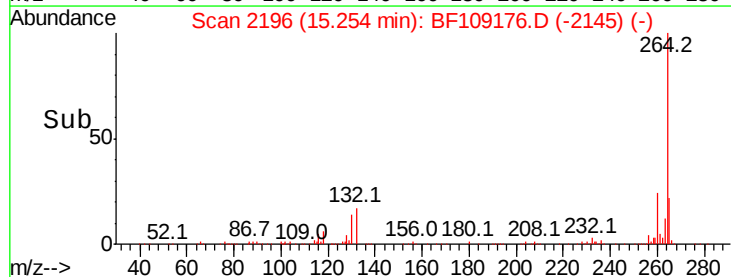
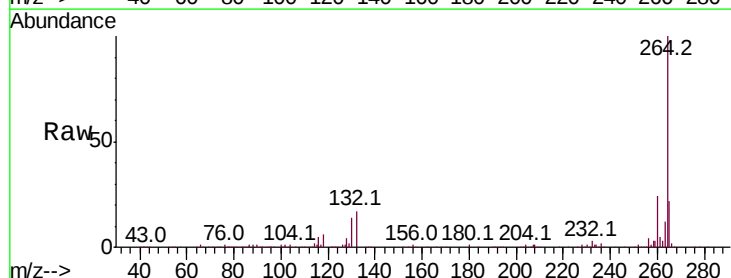
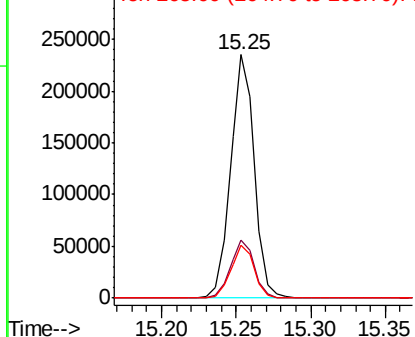
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

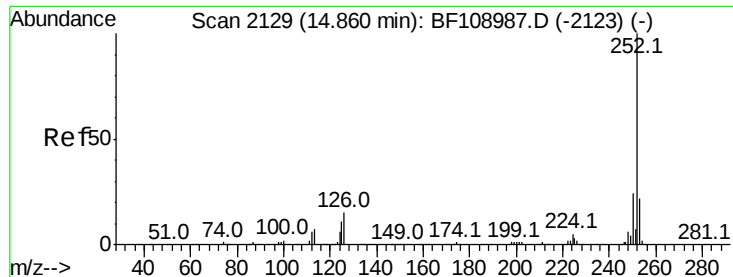
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.900 ng

RT: 14.86 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Instrument :

BNA_F

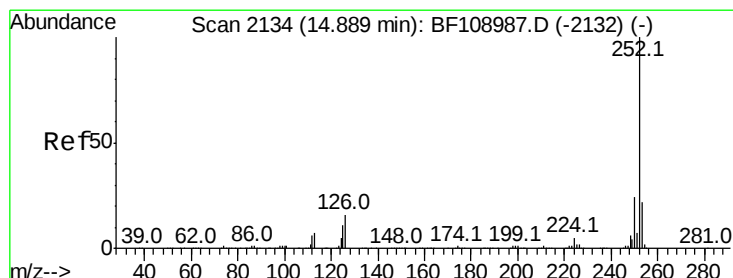
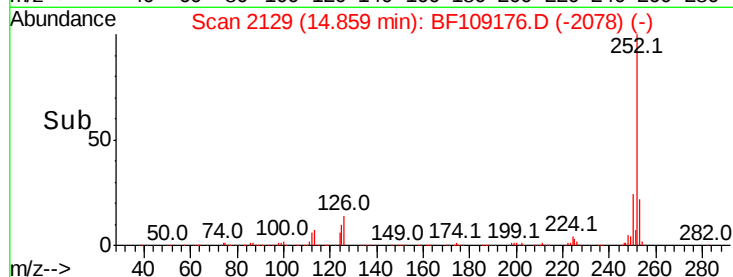
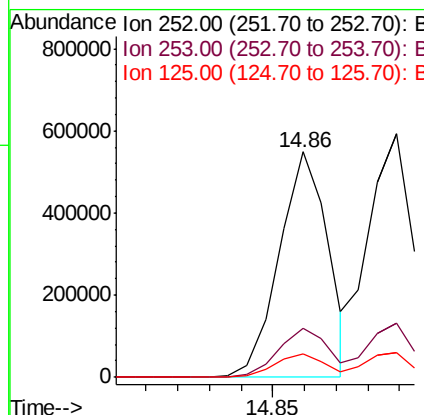
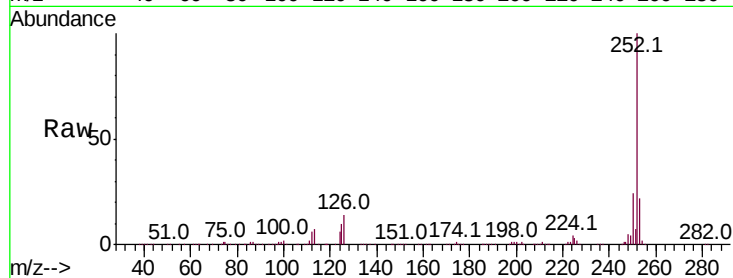
ClientSampleId :

PB112999BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	590226		
253	21.9		17.0	25.6
125	10.4		9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.013 ng m

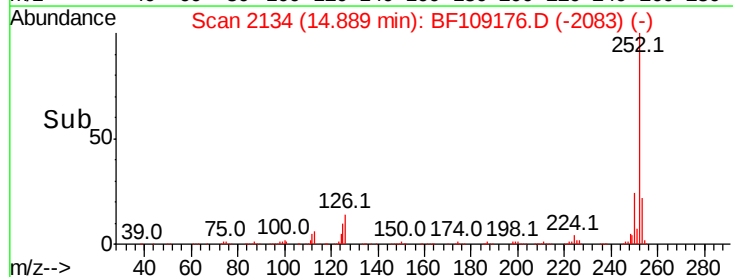
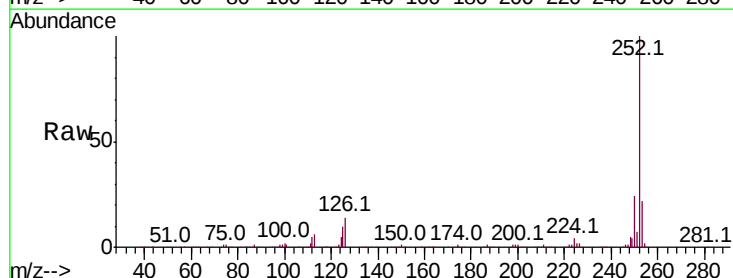
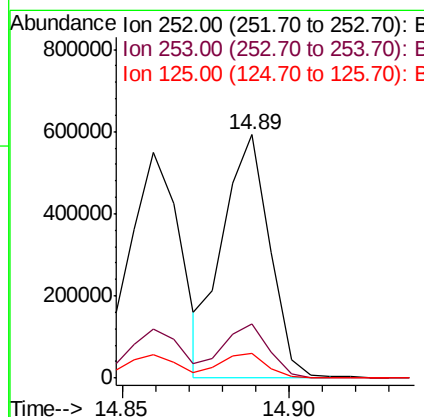
RT: 14.89 min Scan# 2134

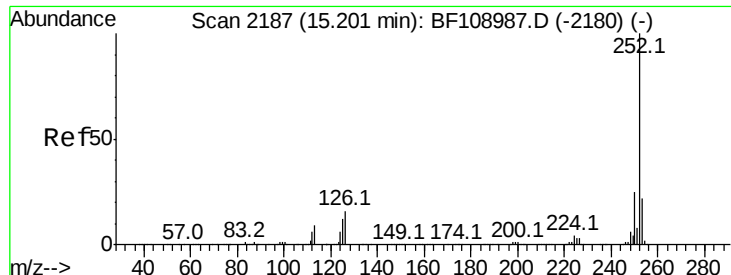
Delta R.T. -0.00 min

Lab File: BF109176.D

Acq: 20 Sep 2018 5:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	579751		
253	22.1		17.9	26.9
125	10.0		10.2	15.2#





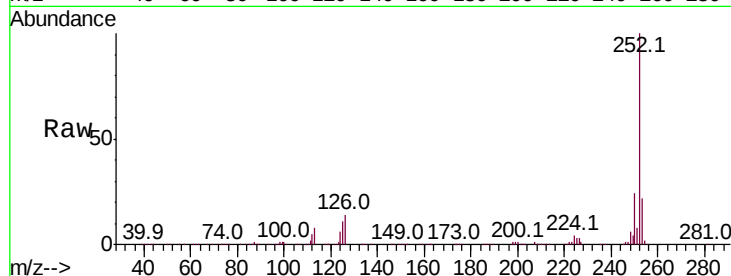
#89
Benzo(a)pyrene
Concen: 41.555 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

Instrument :
BNA_F
ClientSampleId :
PB112999BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.8	9.8	14.6

Manual Integrations
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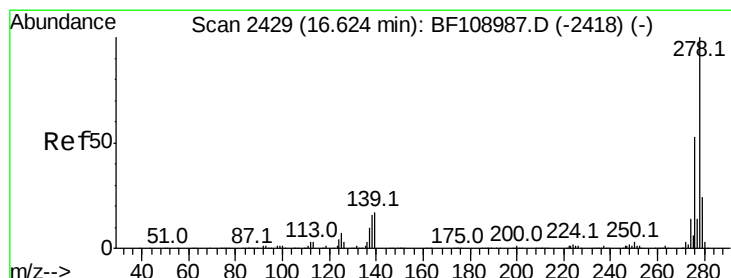
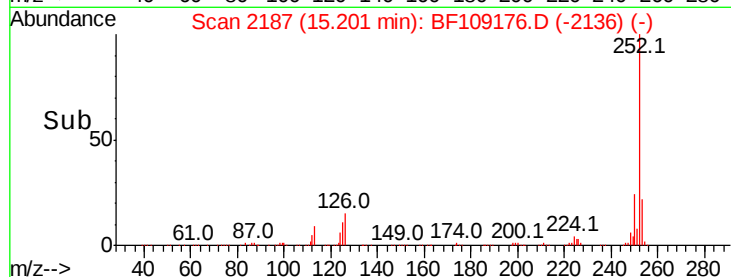
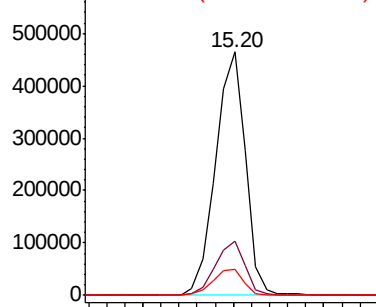


Abundance

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
Dibenzo(a,h)anthracene
Concen: 38.942 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BF109176.D
Acq: 20 Sep 2018 5:59

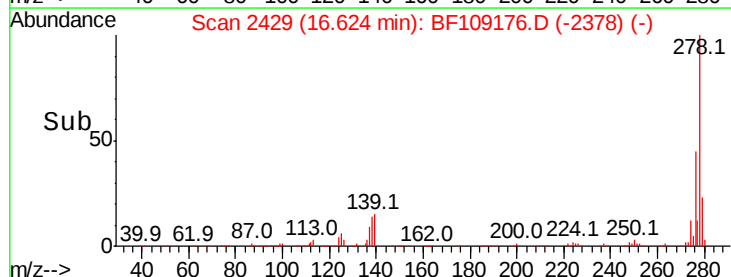
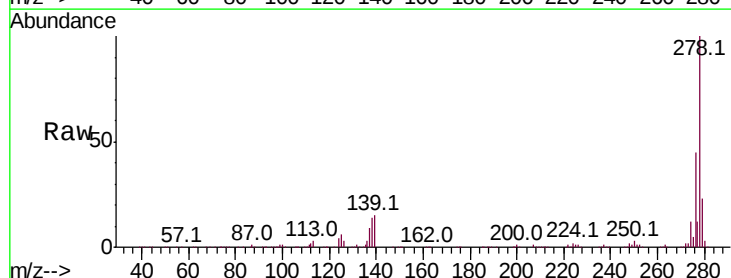
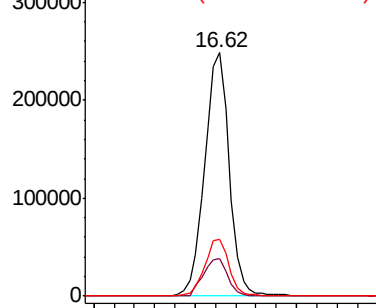
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	23.2	19.0	28.4

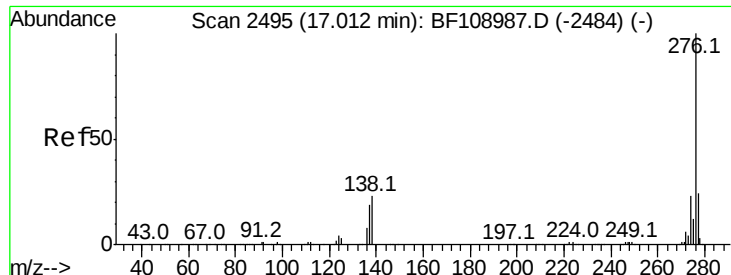
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.180 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BF109176.D
 Acq: 20 Sep 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	19.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/20/2018 10:06:58 AM

