

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109469.D
 Acq On : 29 Sep 2018 9:29
 Operator : JU/SJ
 Sample : PB113313BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:37 AM

Quant Time: Oct 01 04:05:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108030	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	409961	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	197549	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	357635	20.00	ng	0.00
75) Chrysene-d12	13.85	240	200664	20.00	ng	0.00
86) Perylene-d12	15.24	264	209250	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	499358	76.13	ng	0.01
7) Phenol-d6	6.35	99	642979	76.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	582677	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	157167	80.71	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1056873	80.69	ng	0.00
78) Terphenyl-d14	12.80	244	954436	116.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	94368	31.240	ng	93
3) Pyridine	3.18	79	258598	33.262	ng	91
4) n-Nitrosodimethylamine	3.12	42	126821	38.330	ng	# 98
6) Aniline	6.37	93	162184	15.146	ng	# 14
8) 2-Chlorophenol	6.49	128	270627	37.104	ng	98
9) Benzaldehyde	6.25	77	150673	28.024	ng	99
10) Phenol	6.36	94	331724	34.999	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	256845	34.632	ng	96
12) 1,3-Dichlorobenzene	6.65	146	293100	34.902	ng	98
13) 1,4-Dichlorobenzene	6.72	146	291507	34.456	ng	99
14) 1,2-Dichlorobenzene	6.88	146	272361	34.898	ng	98
15) Benzyl Alcohol	6.85	79	238921	37.295	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	358000	34.031	ng	91
17) 2-Methylphenol	6.97	107	225369	38.188	ng	95
18) Hexachloroethane	7.22	117	94842	31.819	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	191868	34.986	ng	98
20) 3+4-Methylphenols	7.13	107	274662	38.548	ng	90
22) Acetophenone	7.12	105	380685	40.164	ng	# 97
24) Nitrobenzene	7.29	77	288177	39.026	ng	98
25) Isophorone	7.53	82	530321	42.406	ng	99
26) 2-Nitrophenol	7.61	139	123410	42.261	ng	94
27) 2,4-Dimethylphenol	7.65	122	244673	44.902	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	329906	39.852	ng	99
29) 2,4-Dichlorophenol	7.85	162	231818	40.491	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	233206	36.454	ng	97
31) Naphthalene	8.01	128	765728	39.970	ng	99
32) Benzoic acid	7.76	122	79690m	25.270	ng	
33) 4-Chloroaniline	8.06	127	62611	7.481	ng	97
34) Hexachlorobutadiene	8.13	225	140156	36.342	ng	98
35) Caprolactam	8.44	113	75308m	41.200	ng	
36) 4-Chloro-3-methylphenol	8.56	107	244223	40.538	ng	98
37) 2-Methylnaphthalene	8.70	142	513599	41.587	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	236106	37.554	ng	98
40) Hexachlorocyclopentadiene	8.86	237	133408	48.650	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	157978	39.151	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	168766	39.602	nq	96
45) 1,1'-Biphenyl	9.17	154	616830	38.323	nq	97
46) 2-Chloronaphthalene	9.19	162	474043	36.866	nq	97
47) 2-Nitroaniline	9.29	65	156564	42.946	nq	99
48) Acenaphthylene	9.60	152	767273	39.554	nq	100
49) Dimethylphthalate	9.47	163	572369	39.835	nq	99
50) 2,6-Dinitrotoluene	9.53	165	119476	41.985	nq	95
51) Acenaphthene	9.77	154	437565	37.310	nq	99
52) 3-Nitroaniline	9.69	138	80325	24.374	nq	99
53) 2,4-Dinitrophenol	9.80	184	33539	38.206	nq	# 19
54) Dibenzofuran	9.95	168	647630	37.131	nq	97
55) 4-Nitrophenol	9.86	139	164162	66.126	nq	93
56) 2,4-Dinitrotoluene	9.93	165	155571	43.207	nq	# 99
57) Fluorene	10.29	166	490289	39.398	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	129553	38.394	nq	90
59) Diethylphthalate	10.17	149	561082	38.562	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	236792	36.430	nq	94
61) 4-Nitroaniline	10.30	138	118419	36.846	nq	95
62) Azobenzene	10.44	77	550501	36.416	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	32821	26.334	nq	86
65) n-Nitrosodiphenylamine	10.40	169	475996	40.284	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	157377	39.628	nq	# 87
67) Hexachlorobenzene	10.84	284	164376	38.971	nq	# 89
68) Atrazine	10.93	200	153434	42.221	nq	96
69) Pentachlorophenol	11.03	266	127878	50.656	nq	98
70) Phenanthrene	11.25	178	714639	40.021	nq	99
71) Anthracene	11.29	178	740125	40.865	nq	100
72) Carbazole	11.45	167	646136	35.857	nq	100
73) Di-n-butylphthalate	11.79	149	837786	40.386	nq	99
74) Fluoranthene	12.43	202	704110	36.897	nq	95
76) Benzidine	12.55	184	252156	34.853	nq	98
77) Pyrene	12.65	202	681747	47.405	nq	99
79) Butylbenzylphthalate	13.27	149	301566	49.289	nq	96
80) Benzo(a)anthracene	13.83	228	472620	39.103	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	100620	21.905	nq	# 96
82) Chrysene	13.87	228	467867	39.055	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	353266	45.782	nq	98
84) Di-n-octyl phthalate	14.44	149	545445	41.342	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	465032	47.891	nq	# 92
87) Benzo(b)fluoranthene	14.85	252	464628	40.409	nq	97
88) Benzo(k)fluoranthene	14.88	252	426204	39.063	nq	# 95
89) Benzo(a)pyrene	15.19	252	431390	41.637	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	387536	45.593	nq	96
91) Benzo(g,h,i)perylene	17.00	276	368688	44.134	nq	# 92

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

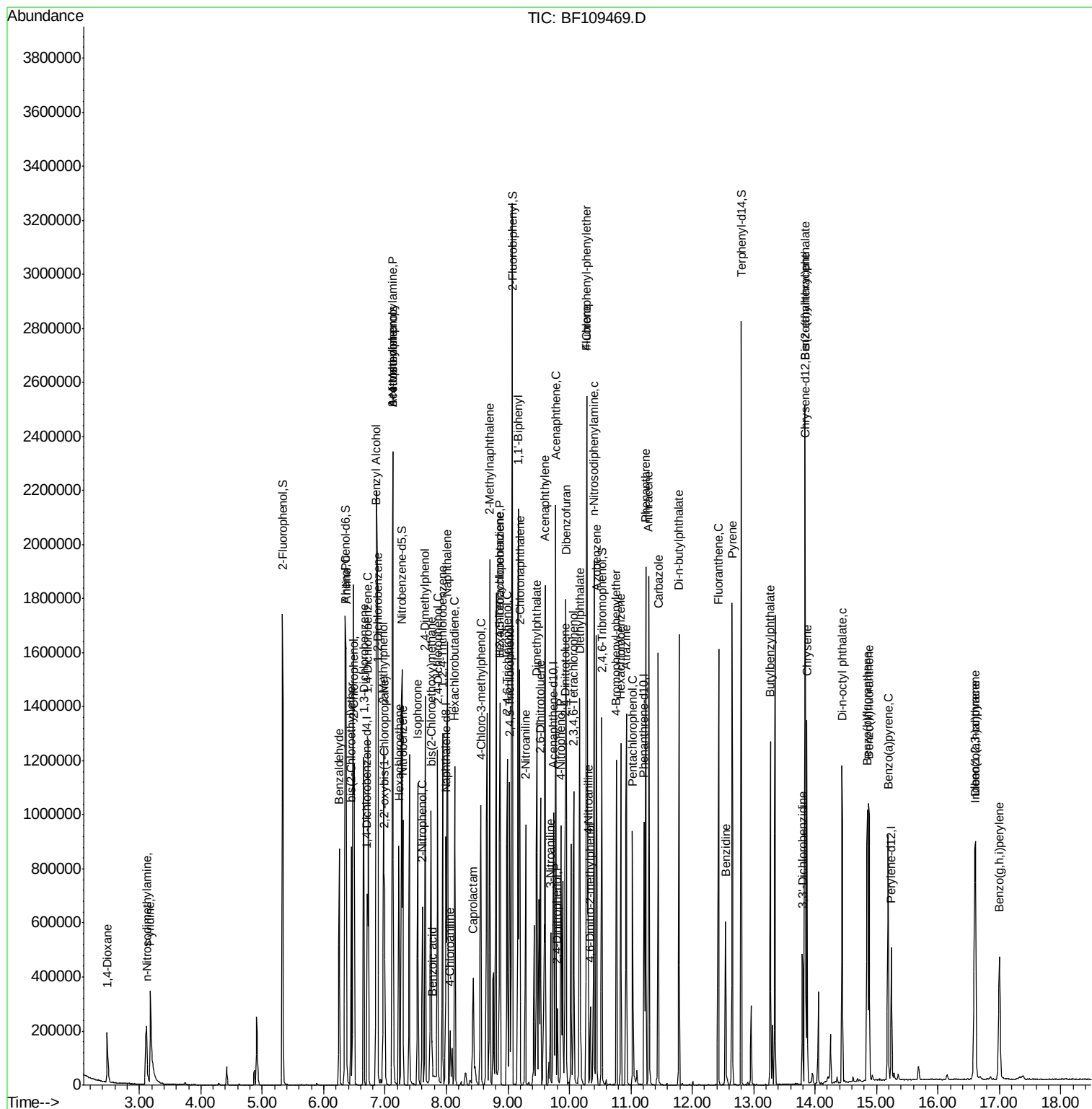
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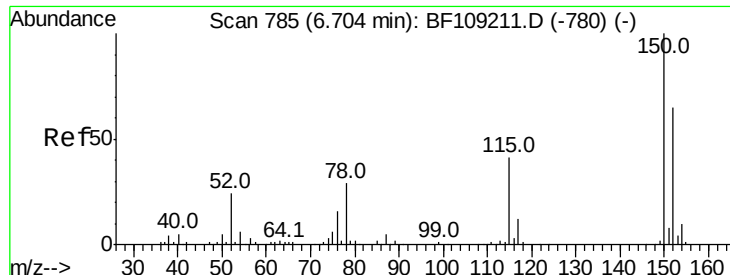
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#1

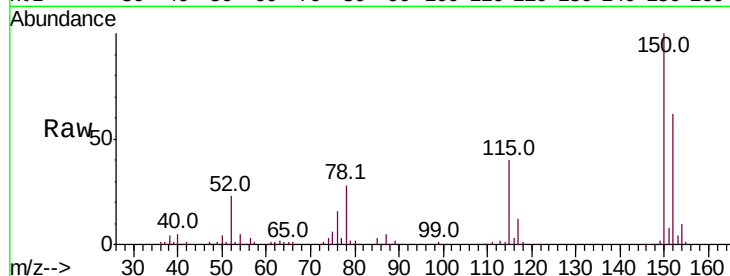
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

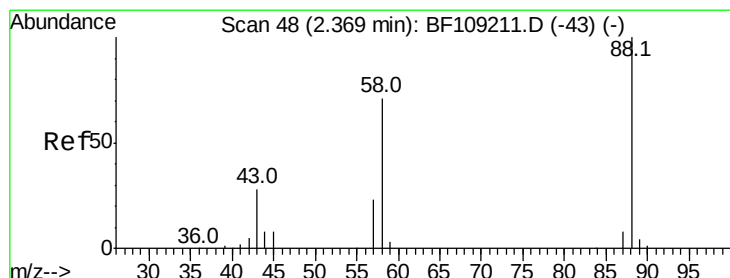
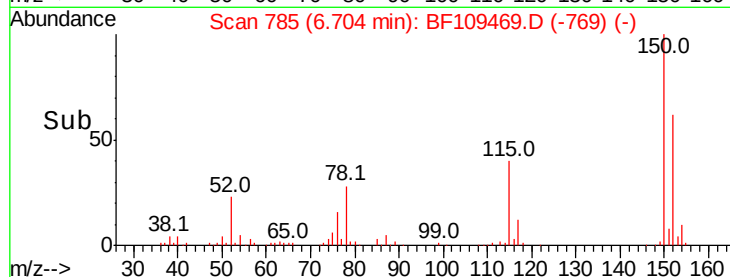
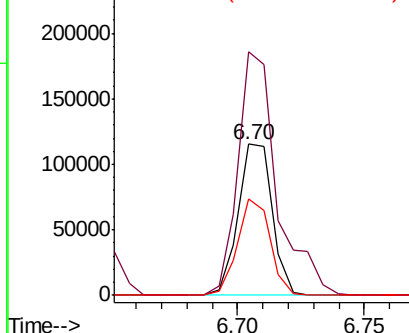
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	64.0	50.1	75.1

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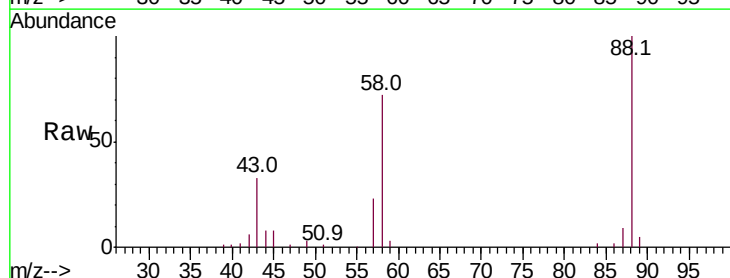
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



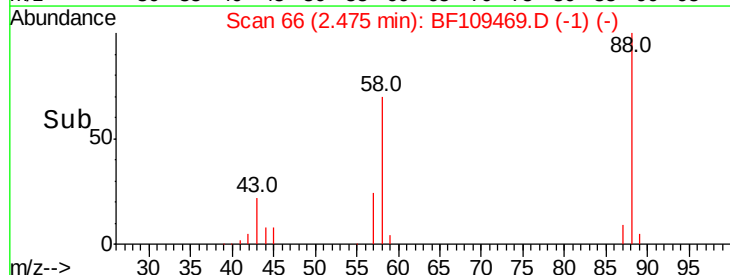
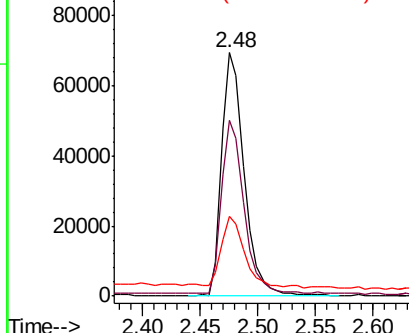
#2

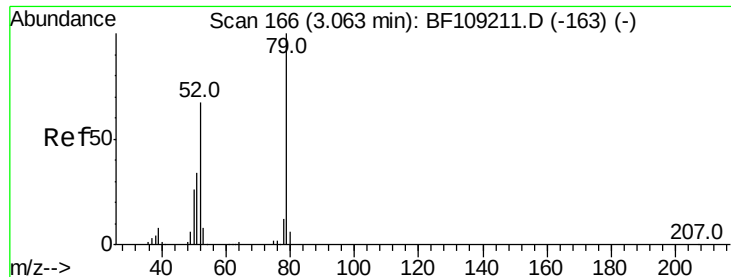
1,4-Dioxane
Concen: 31.240 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.11 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	62.6	93.8
43	30.1	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: 33.262 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.11 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

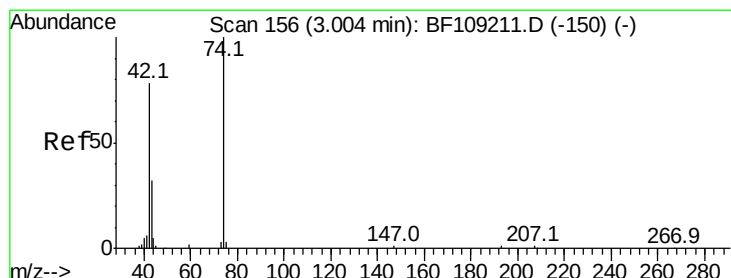
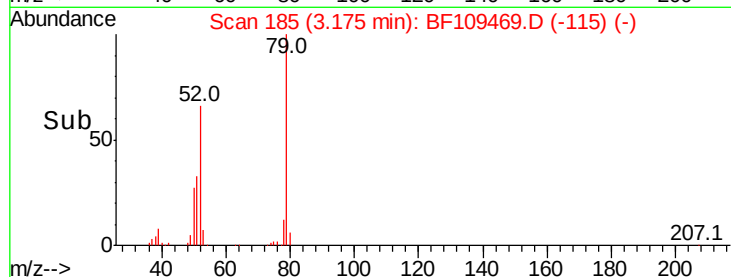
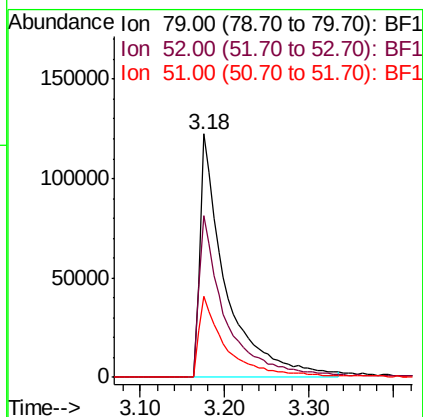
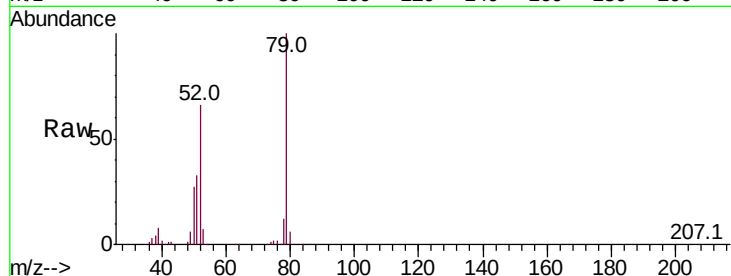
ClientSampleId :

PB113313BSD

Tot Ion	79	Resp	258598
Ion Ratio	Lower	Upper	
79	100		
52	66.3	59.8	89.6
51	33.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.330 ng

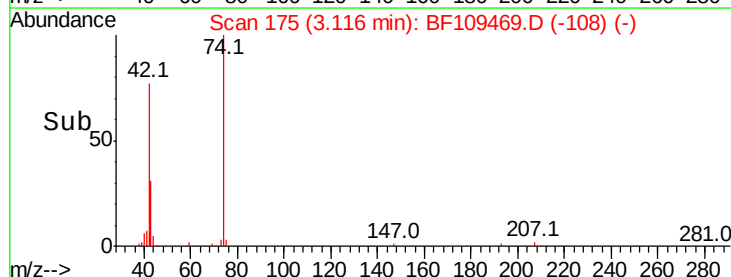
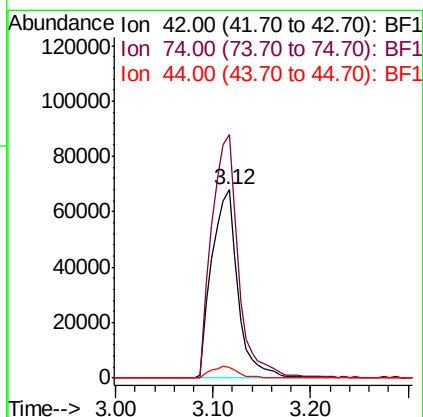
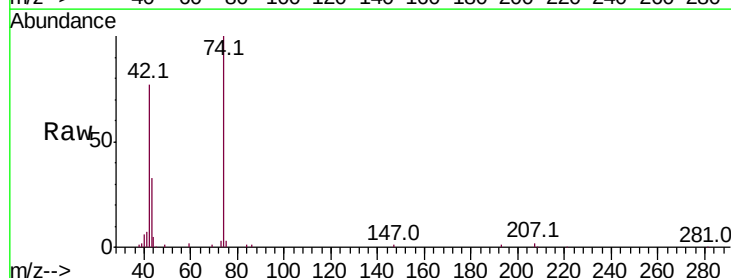
RT: 3.12 min Scan# 175

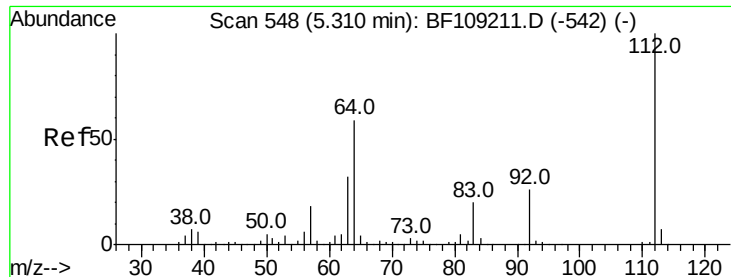
Delta R.T. 0.09 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion	42	Resp	126821
Ion Ratio	Lower	Upper	
42	100		
74	129.2	104.9	157.3
44	6.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 76.135 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

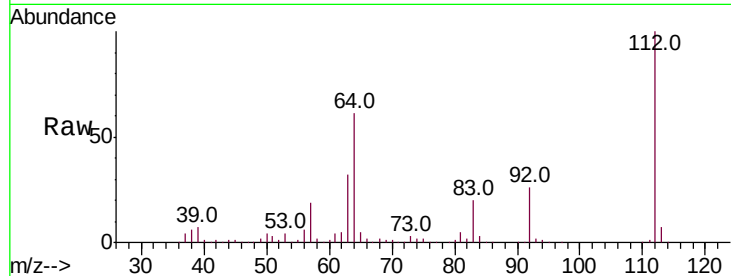
ClientSampleId :

PB113313BSD

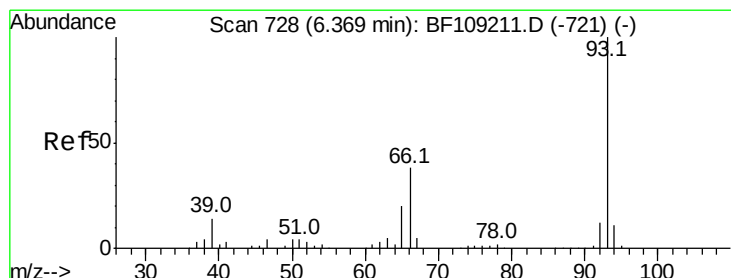
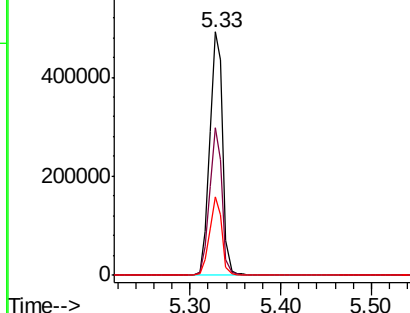
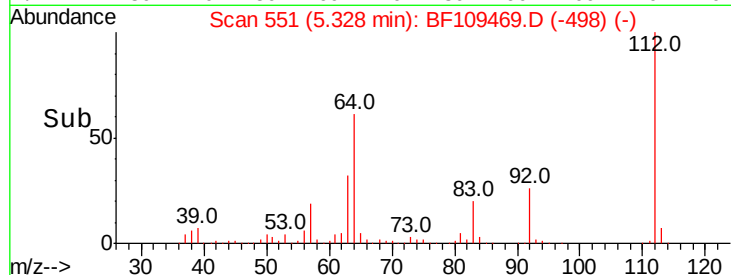
Tot Ion:	112	Resp:	499358
Ion Ratio	Lower	Upper	
112	100		
64	60.8	47.9	71.9
63	32.2	23.7	35.5

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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: 15.146 ng

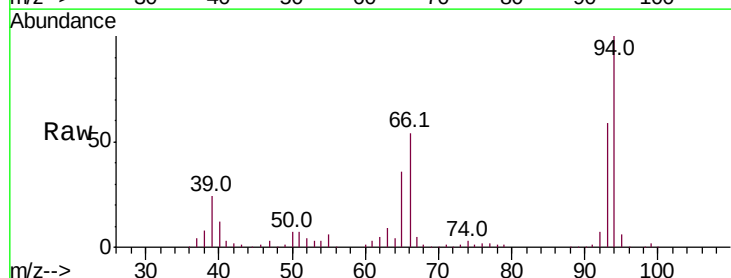
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

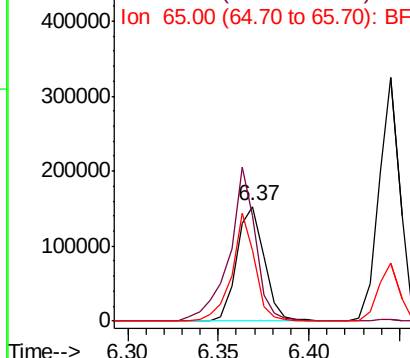
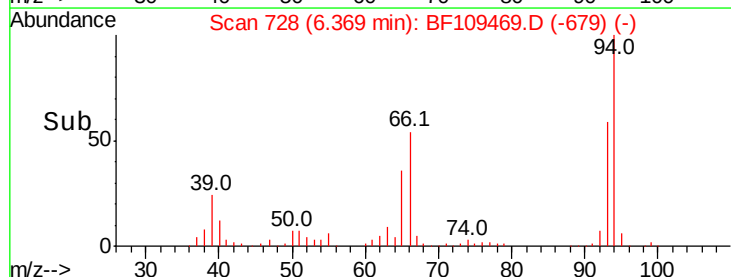
Lab File: BF109469.D

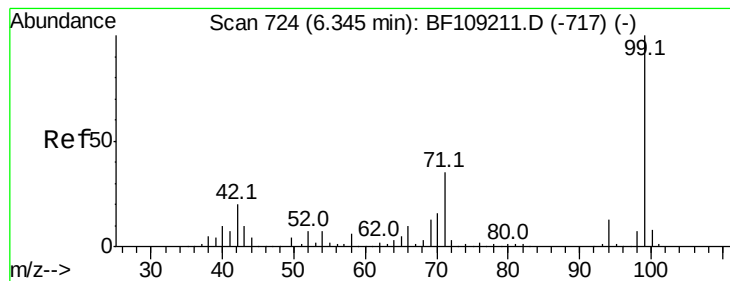
Acq: 29 Sep 2018 9:29

Tgt Ion:	93	Resp:	162184
Ion Ratio	Lower	Upper	
93	100		
66	92.2	32.2	48.2#
65	61.5	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: 76.825 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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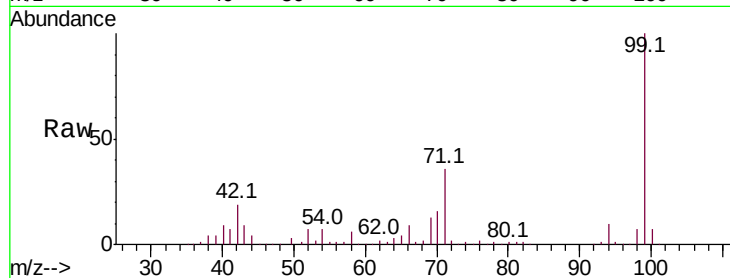
ClientSampleId :

PB113313BSD

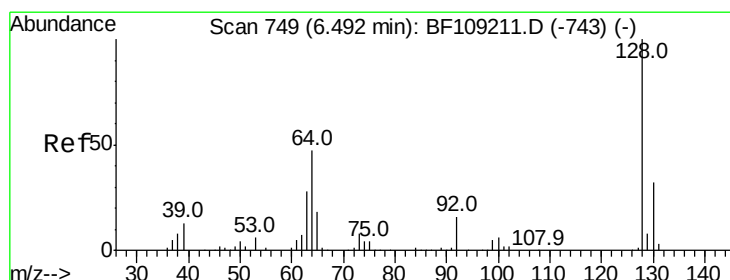
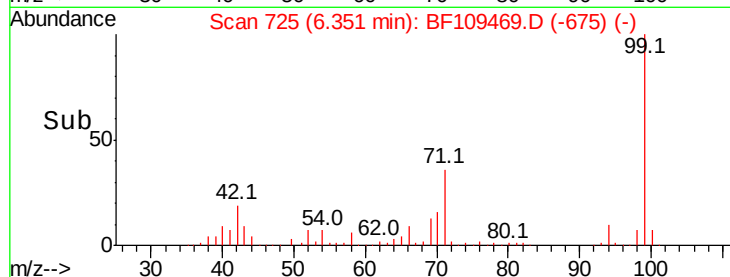
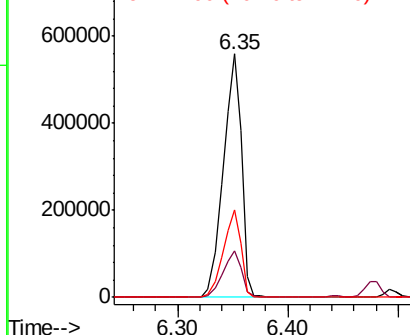
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		642979		
42	19.1	14.5	21.7		
71	35.7	25.4	38.0		

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



#8

2-Chlorophenol

Concen: 37.104 ng

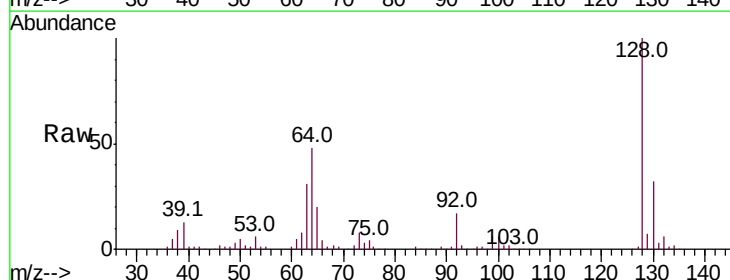
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

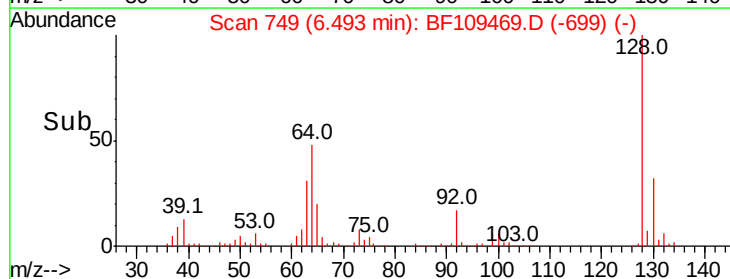
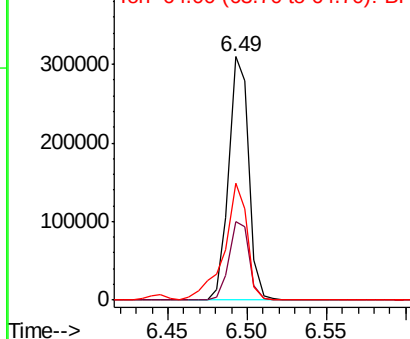
Lab File: BF109469.D

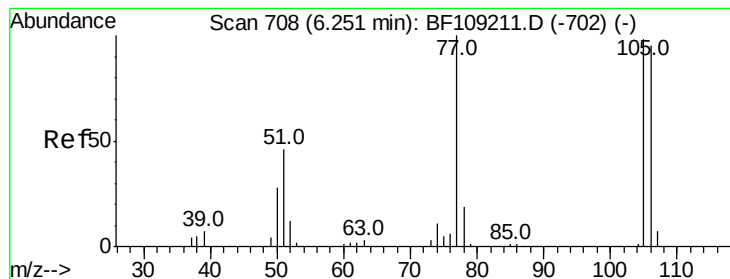
Acq: 29 Sep 2018 9:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		270627		
130	32.5	13.0	53.0		
64	48.1	29.4	69.4		



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





#9

Benzaldehyde

Concen: 28.024 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

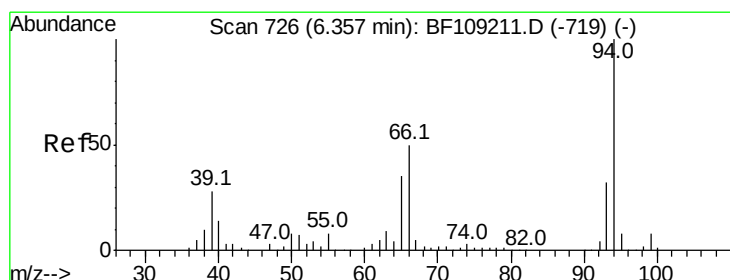
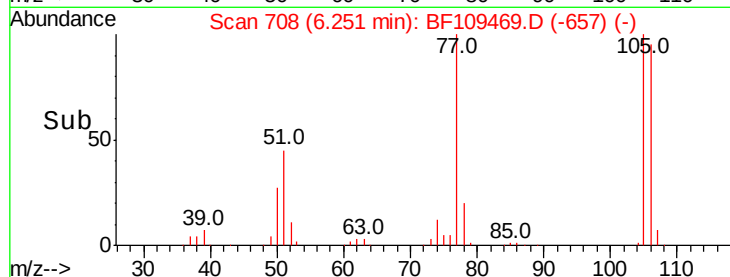
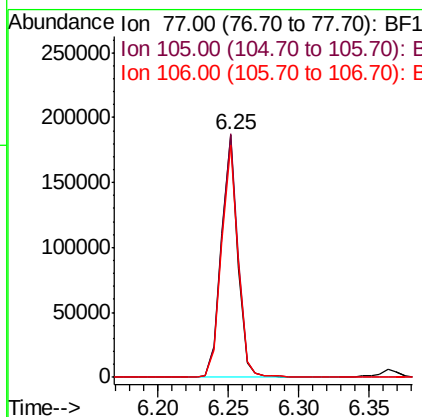
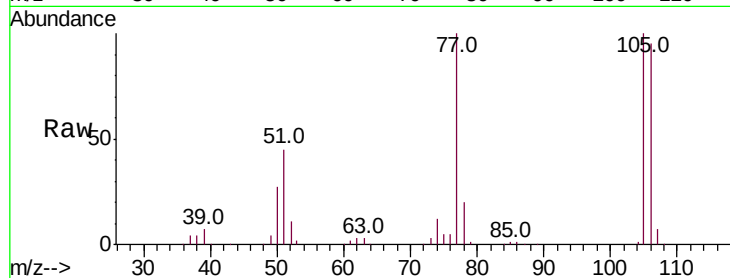
ClientSampleId :

PB113313BSD

Tot Ion:	77	Resp:	150673
Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.1	121.1
106	95.7	74.5	114.5

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#10

Phenol

Concen: 34.999 ng

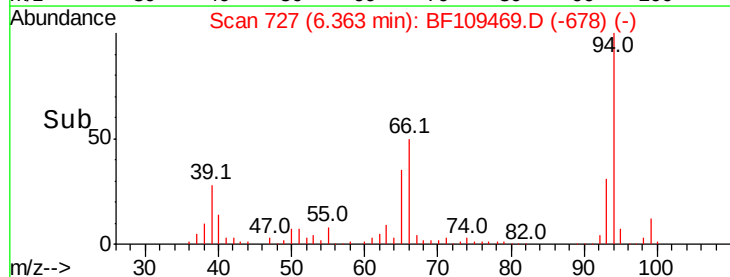
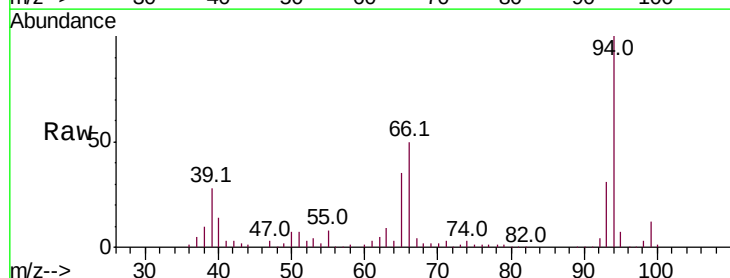
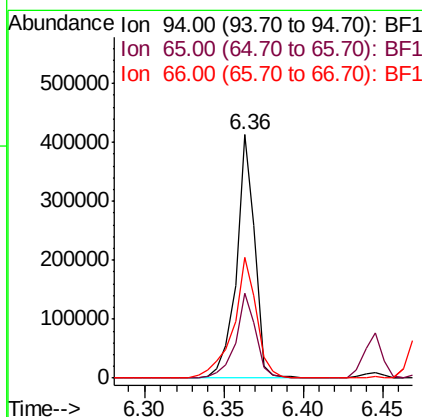
RT: 6.36 min Scan# 727

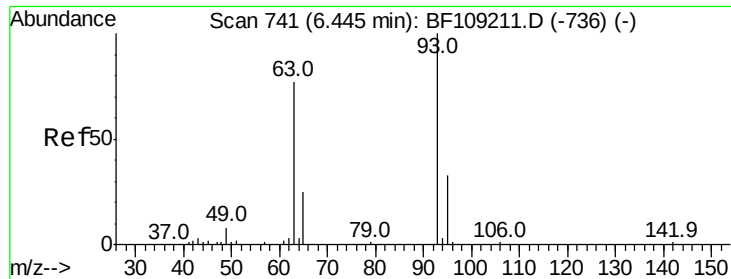
Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:	94	Resp:	331724
Ion	Ratio	Lower	Upper
94	100		
65	34.8	7.9	47.9
66	49.6	16.2	56.2





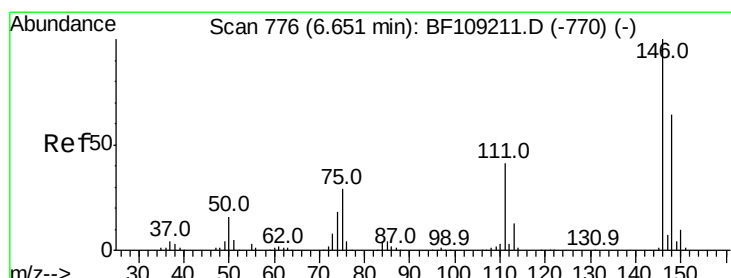
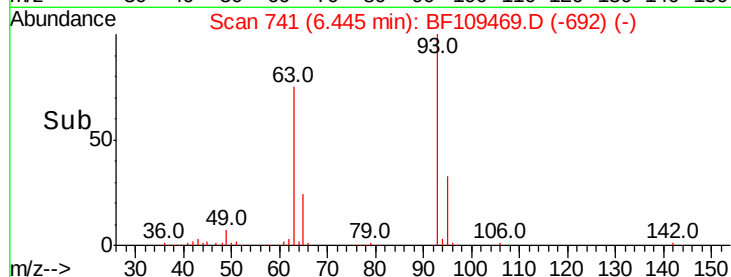
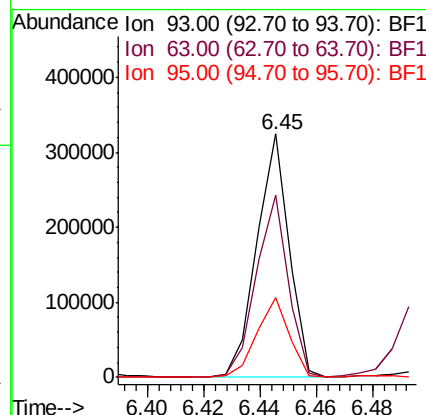
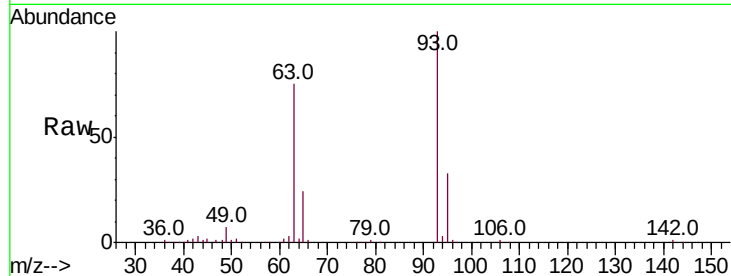
#11
bis(2-Chloroethyl)ether
Concen: 34.632 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	93	Resp	256845
Ion Ratio	100	Lower	Upper
93	100		
63	74.6	58.6	98.6
95	32.9	11.8	51.8

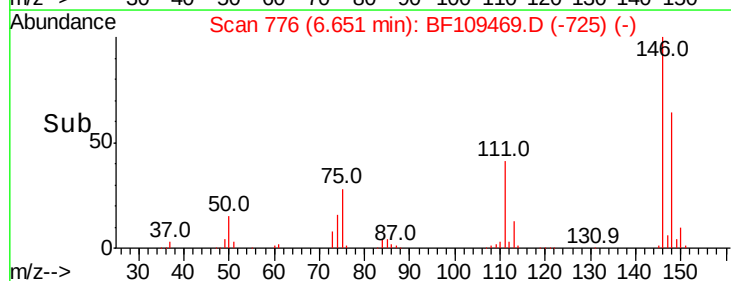
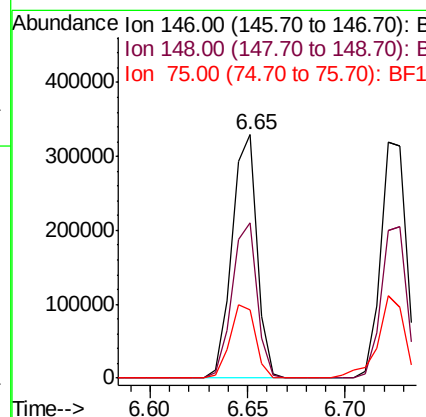
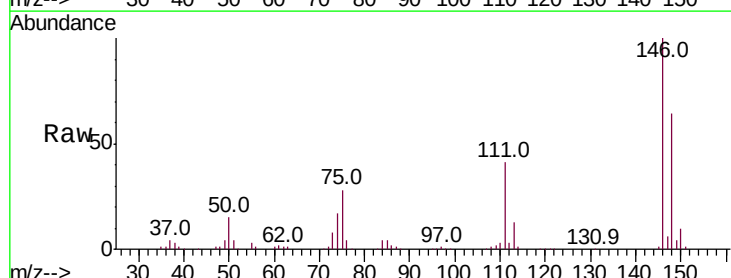
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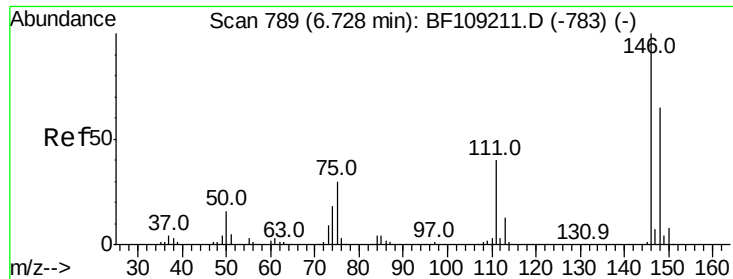
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#12
1,3-Dichlorobenzene
Concen: 34.902 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	146	Resp	293100
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	28.3	24.2	36.4





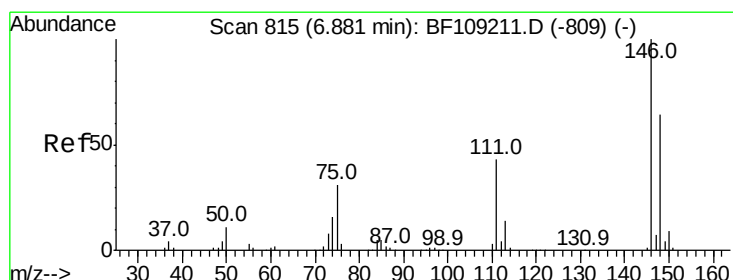
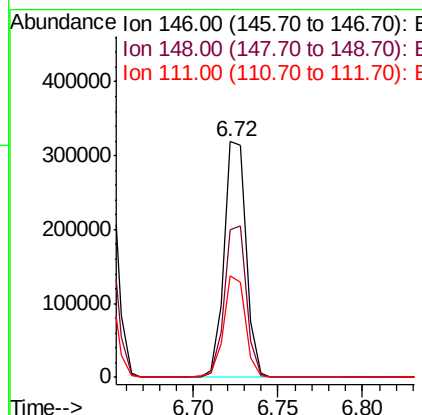
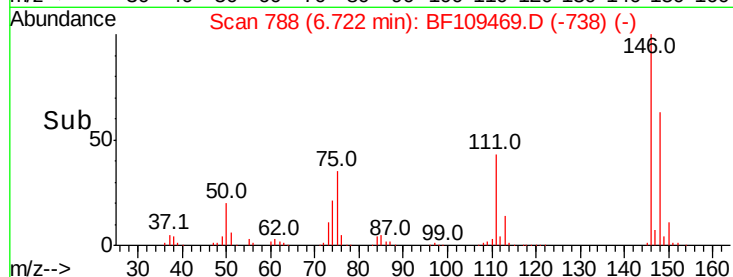
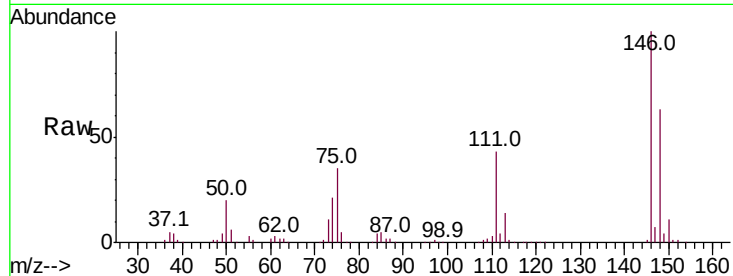
#13
 1,4-Dichlorobenzene
 Concen: 34.456 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	43.2	34.2	51.2

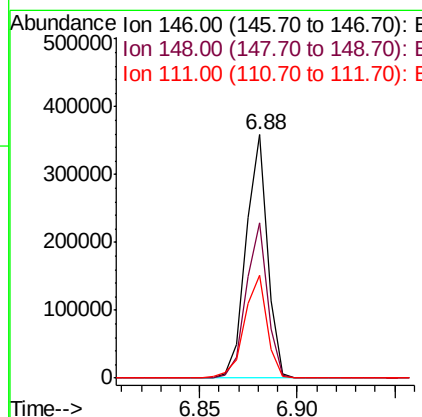
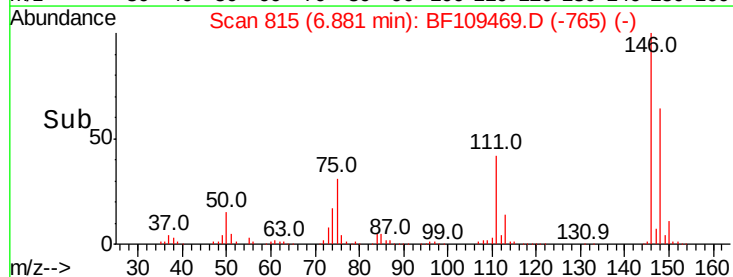
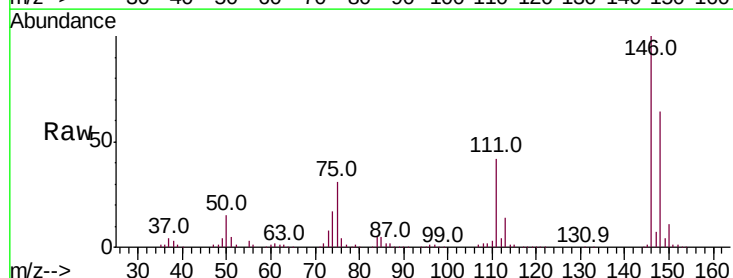
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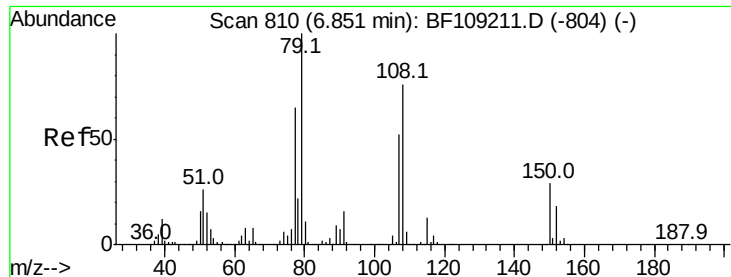
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.898 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.295 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

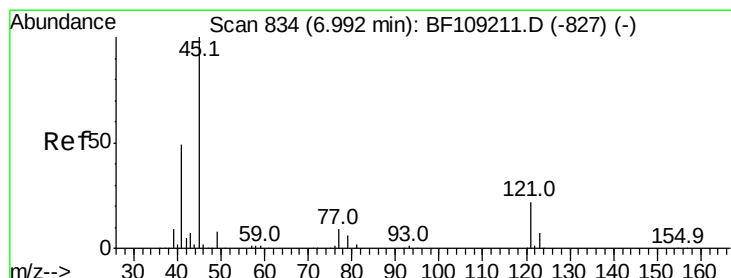
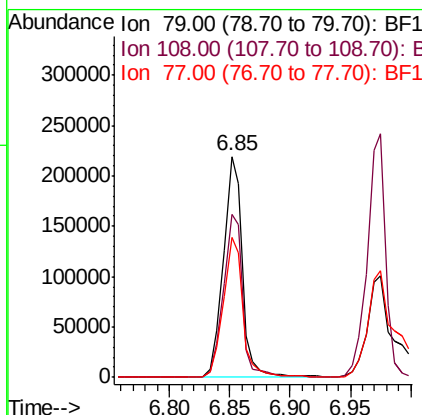
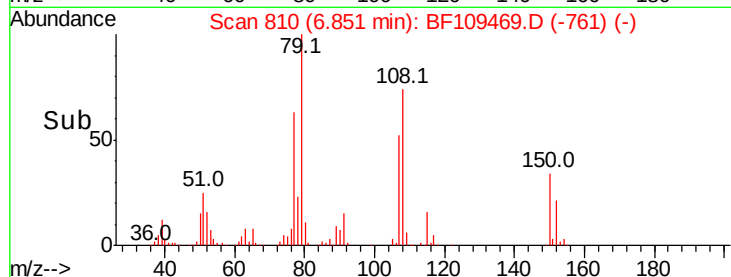
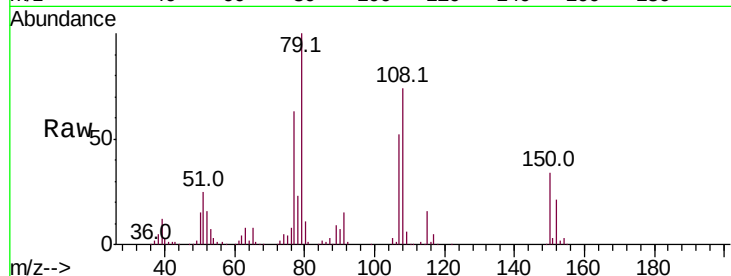
ClientSampleId :

PB113313BSD

Tot Ion:	79	Resp:	238921
Ion Ratio	Lower	Upper	
79	100		
108	73.8	65.1	97.7
77	63.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.031 ng

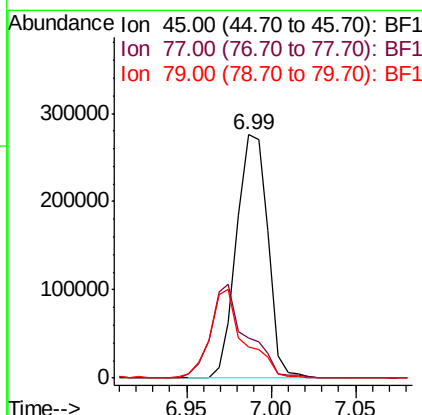
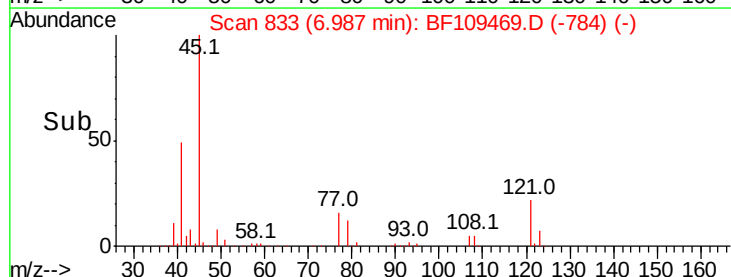
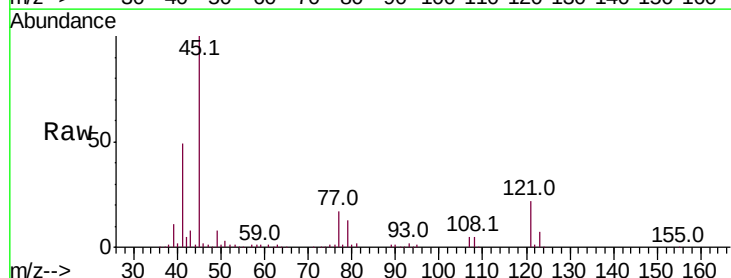
RT: 6.99 min Scan# 833

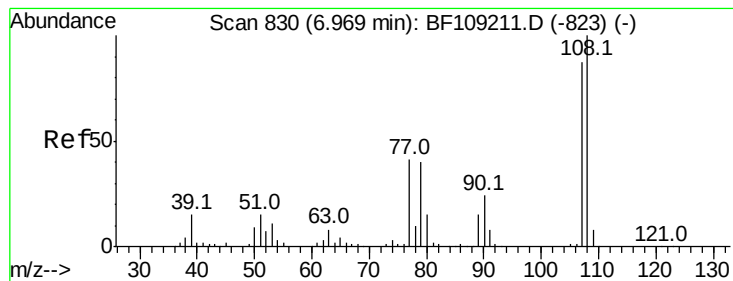
Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:	45	Resp:	358000
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	32.9
79	13.0	0.0	29.6





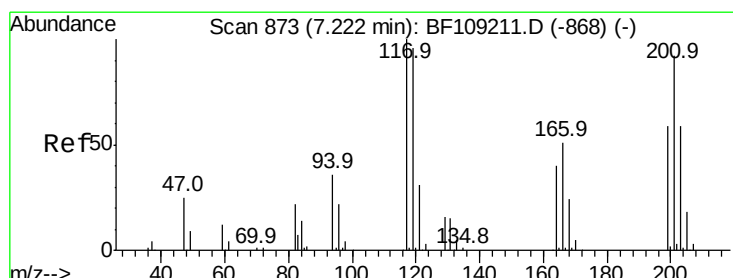
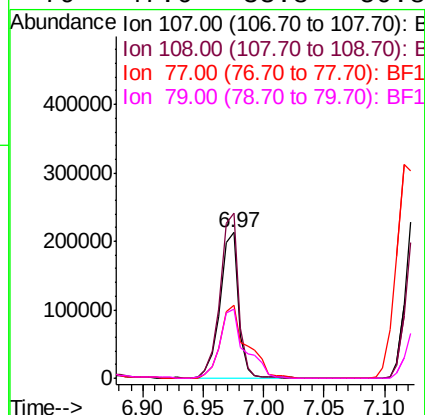
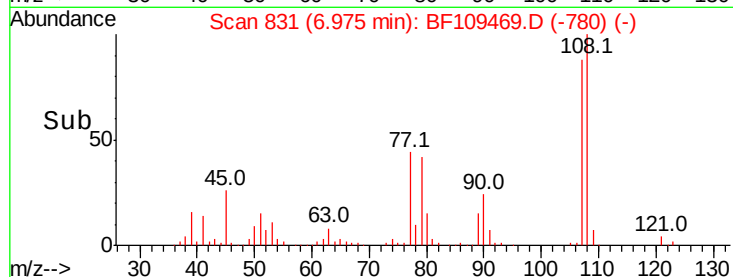
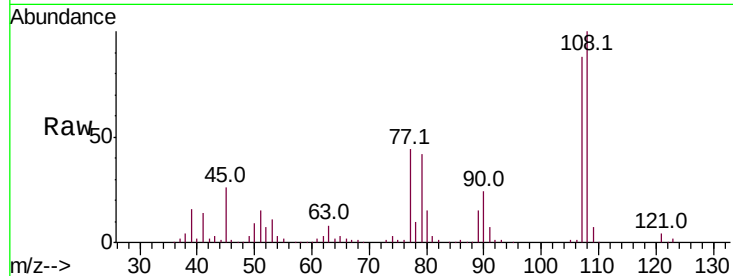
#17
2-Methylphenol
Concen: 38.188 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.7	137.5	
77	50.0	33.8	50.8	
79	47.6	33.8	50.8	

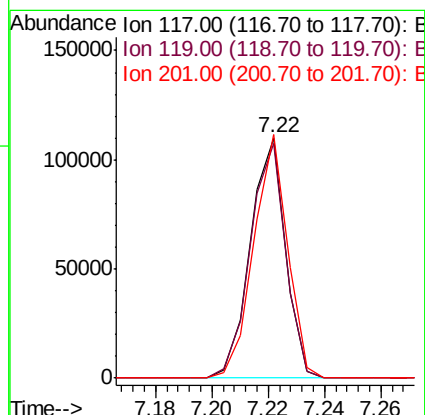
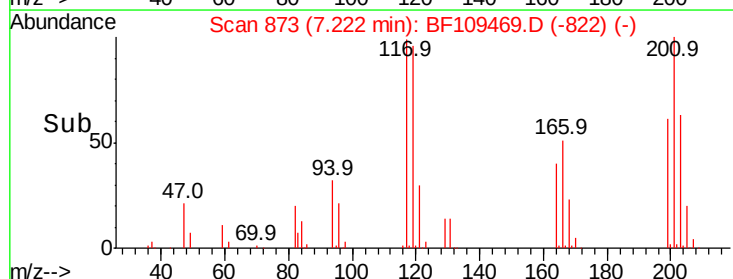
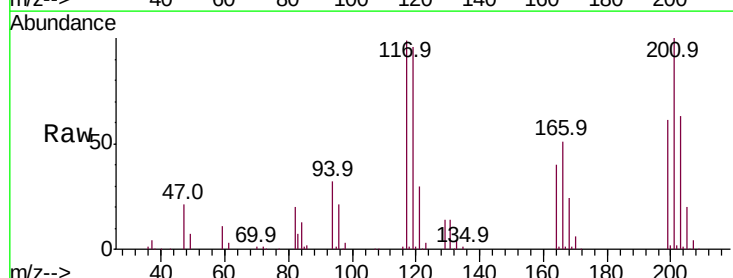
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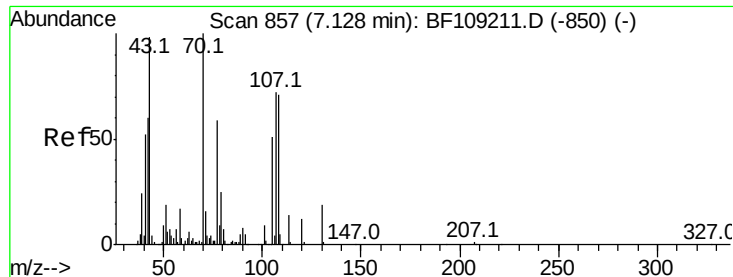
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#18
Hexachloroethane
Concen: 31.819 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	101.5	75.7	113.5	





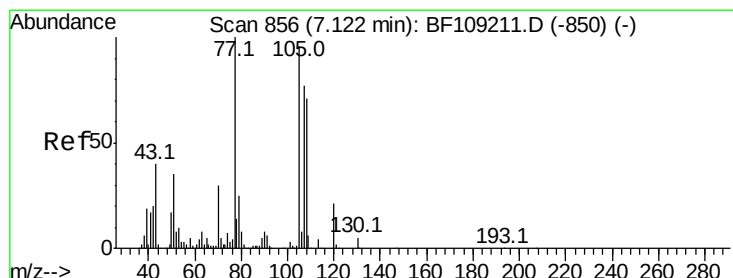
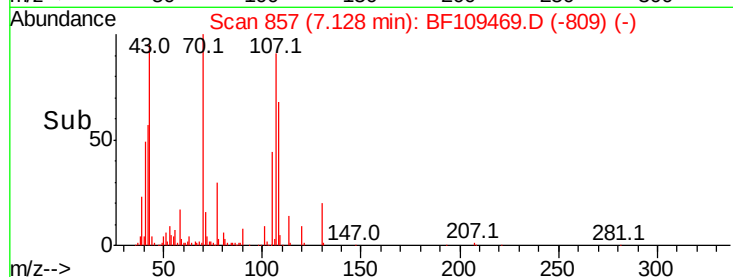
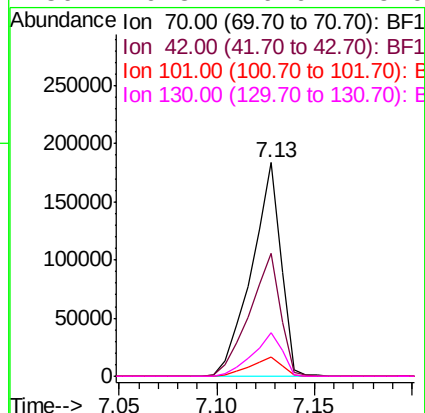
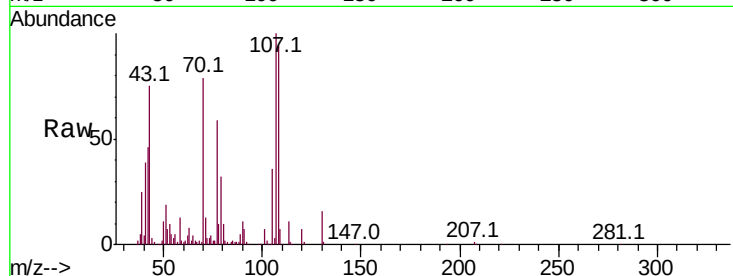
#19
n-Nitroso-di-n-propylamine
Concen: 34.986 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.5	71.3
101	9.1	7.4	11.2
130	20.3	16.6	25.0

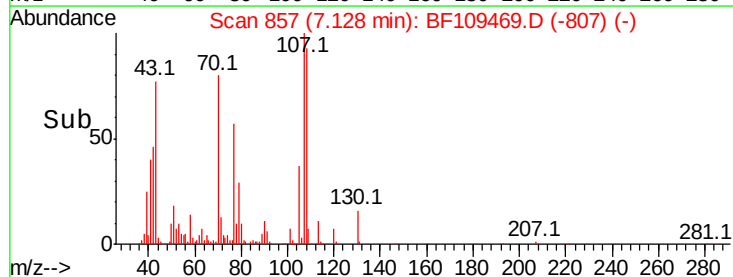
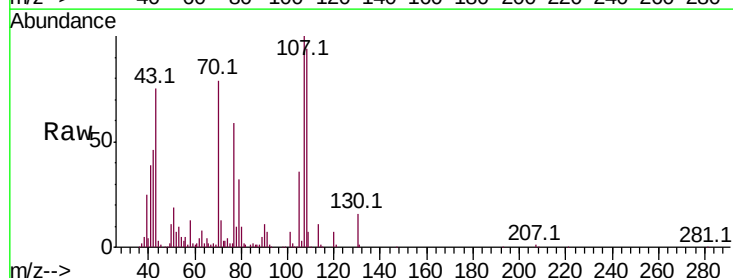
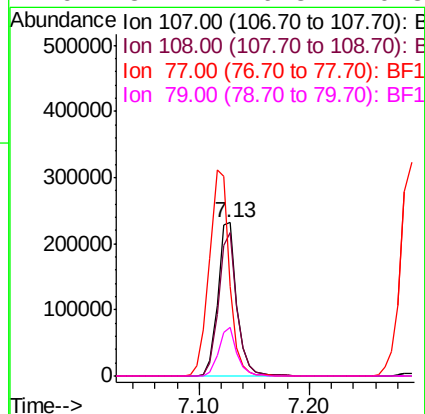
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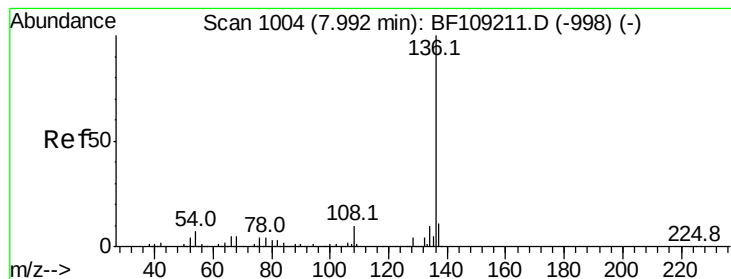
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#20
3+4-Methylphenols
Concen: 38.548 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	58.7	26.7	66.7
79	32.1	6.3	46.3





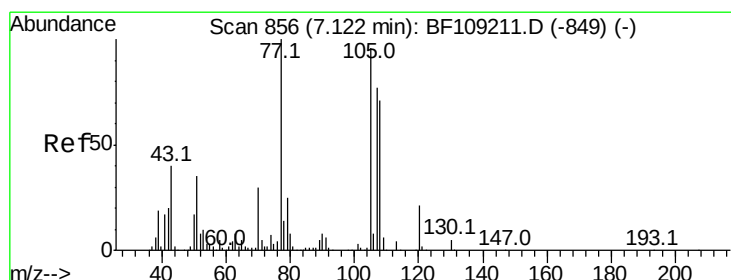
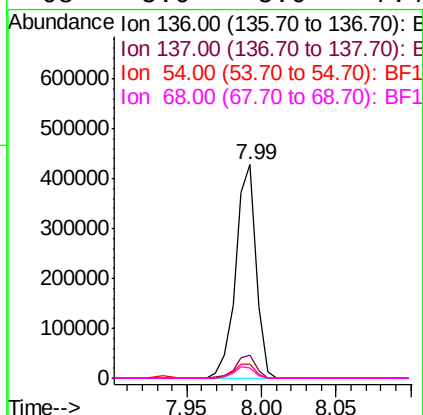
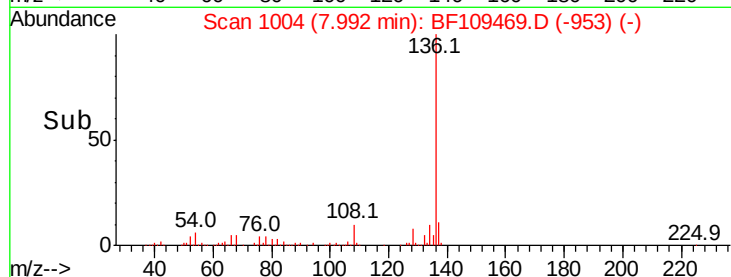
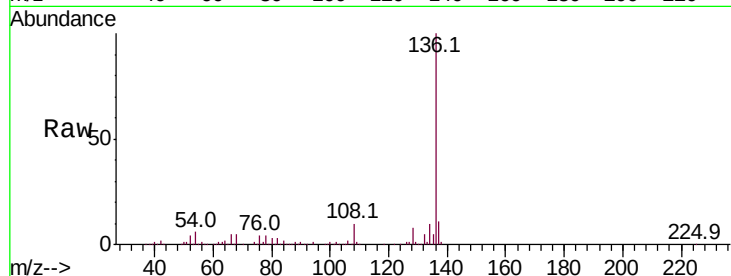
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.3	6.6	9.8	
68	5.0	5.0	7.4	

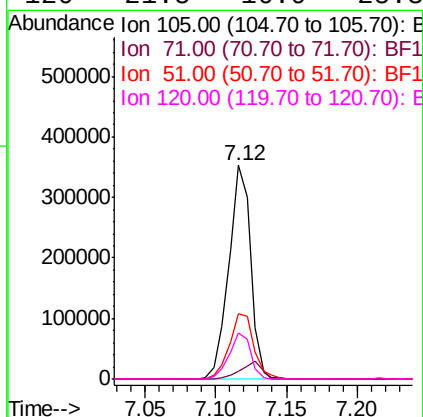
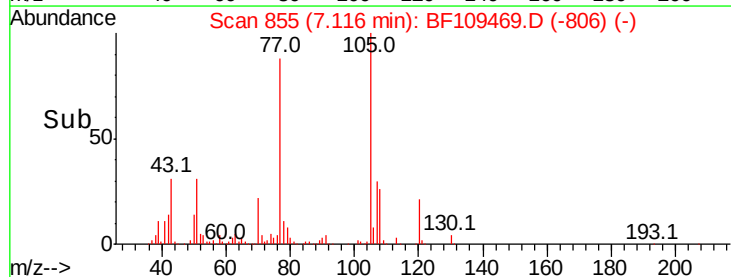
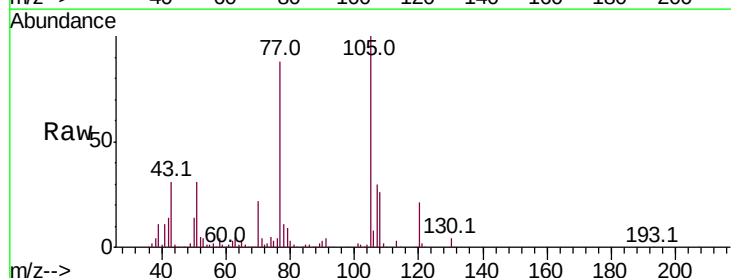
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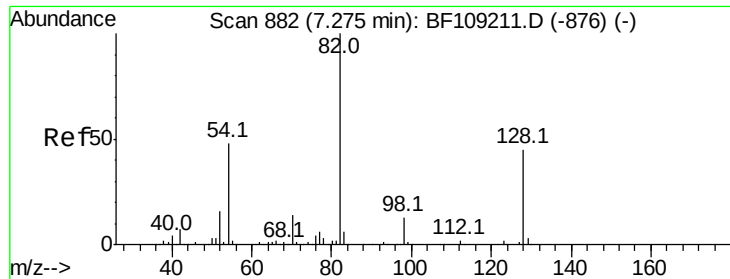
Sohil
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#22
Acetophenone
Concen: 40.164 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	4.4	6.6	
51	30.5	22.3	33.5	
120	21.5	16.9	25.3	





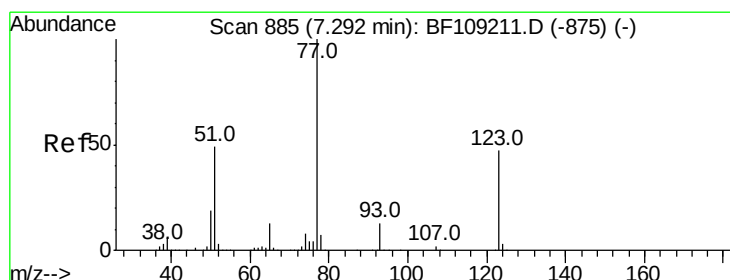
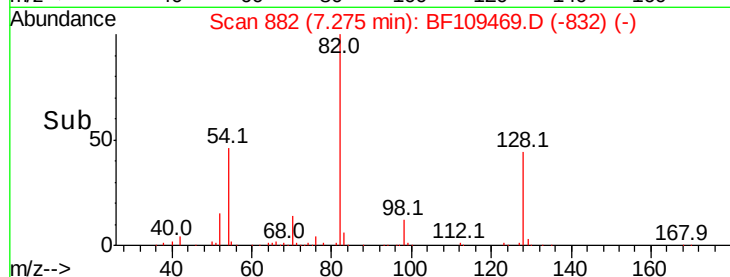
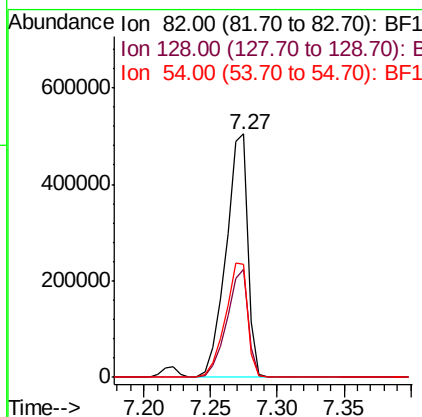
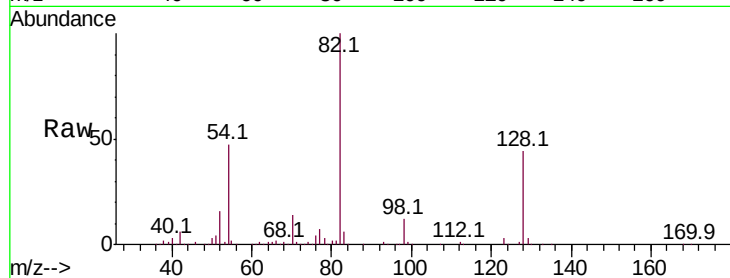
#23
Nitrobenzene-d5
Concen: 83.901 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	46.6	41.4	62.2

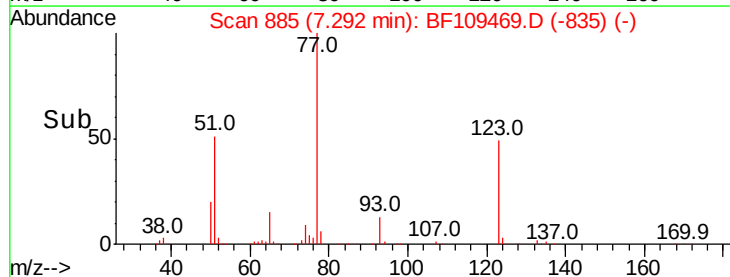
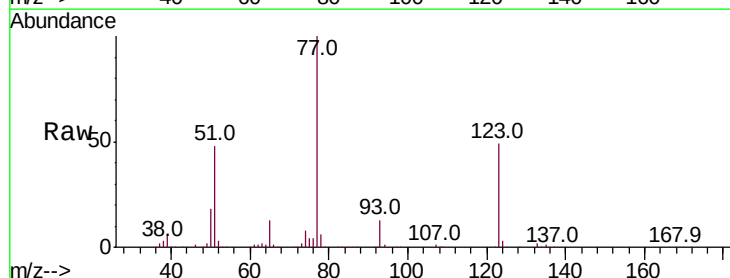
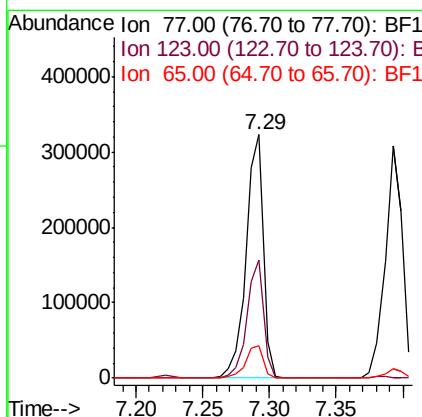
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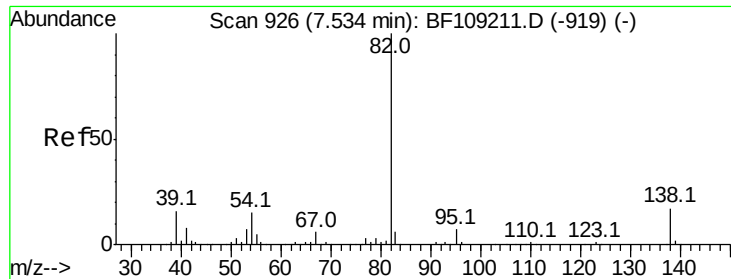
Sohil
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#24
Nitrobenzene
Concen: 39.026 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	13.4	11.0	16.4





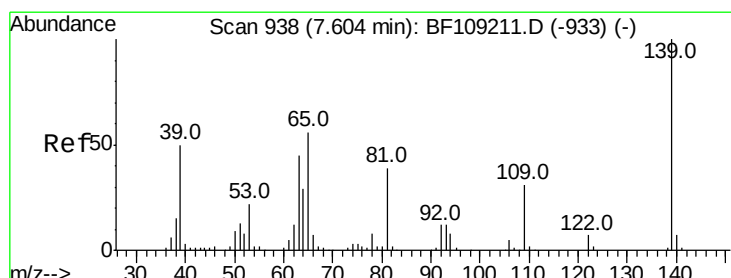
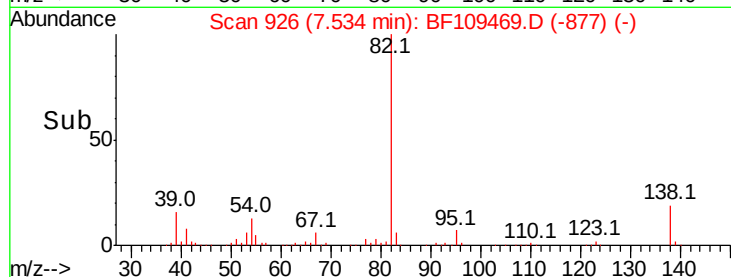
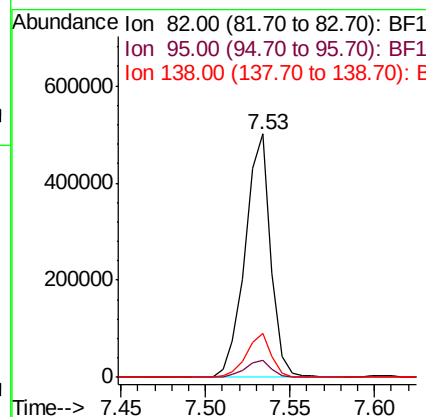
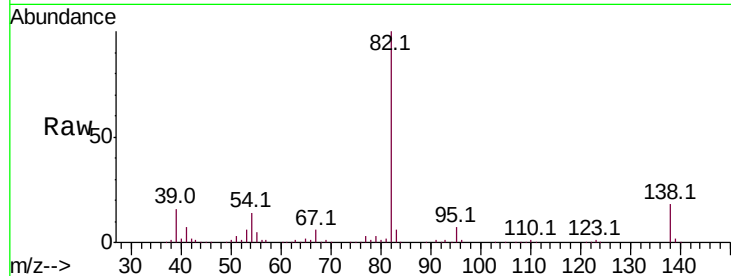
#25
Isophorone
Concen: 42.406 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.2	7.8	
138	18.1	14.9	22.3	

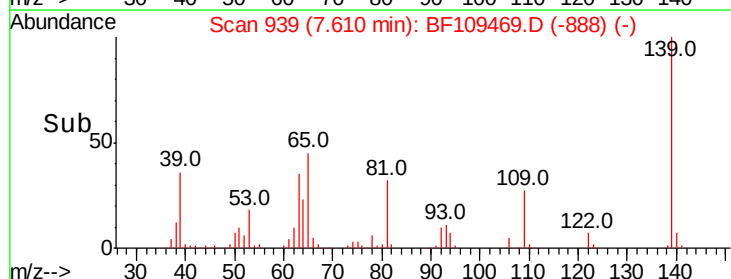
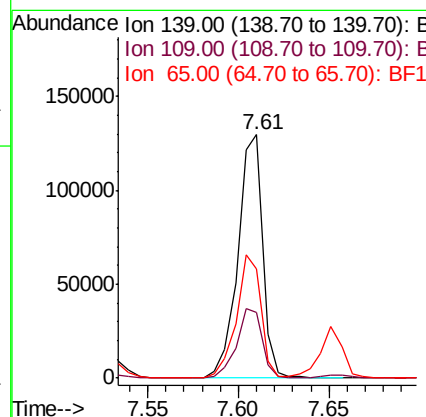
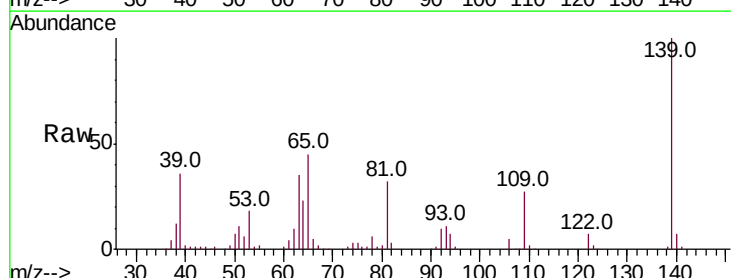
Manual Integrations
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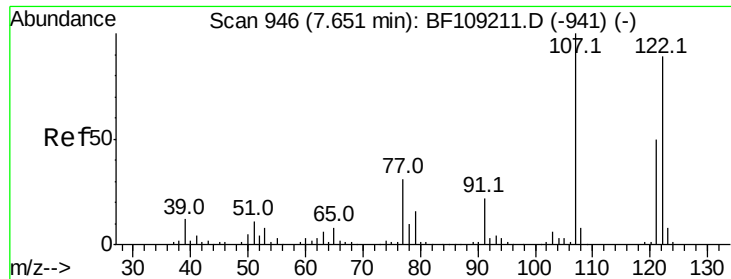
Sohil
10/1/2018 9:57:37 AM



#26
2-Nitrophenol
Concen: 42.261 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.0	22.7	34.1	
65	44.9	40.5	60.7	





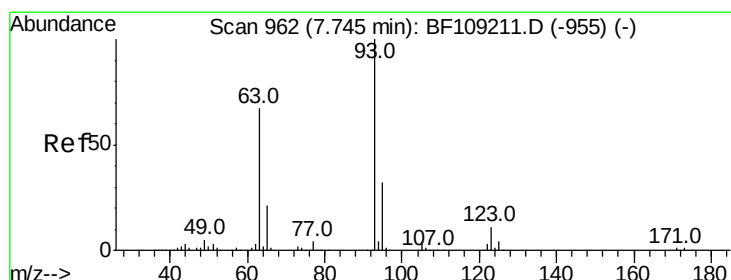
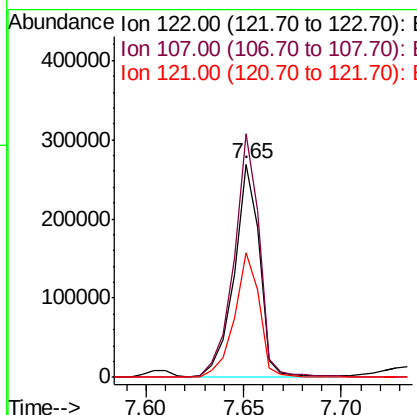
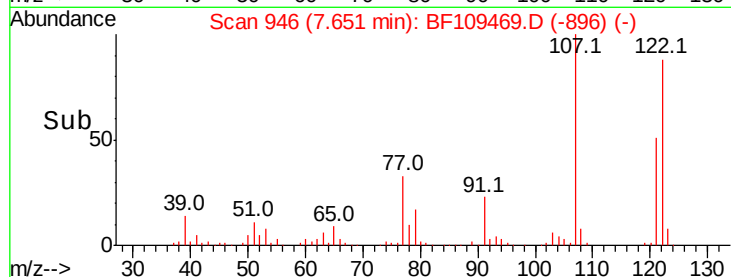
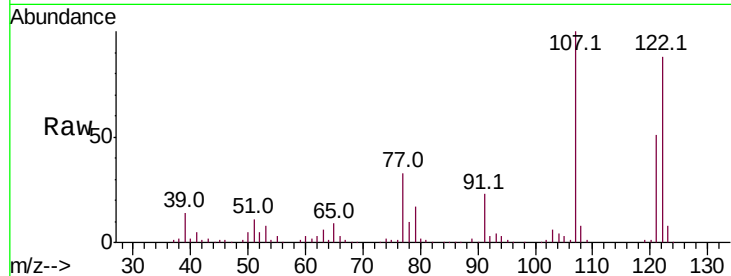
#27
 2,4-Dimethylphenol
 Concen: 44.902 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion:	122	Resp:	244673
Ion Ratio	Lower	Upper	
122	100		
107	114.0	91.2	136.8
121	58.3	47.2	70.8

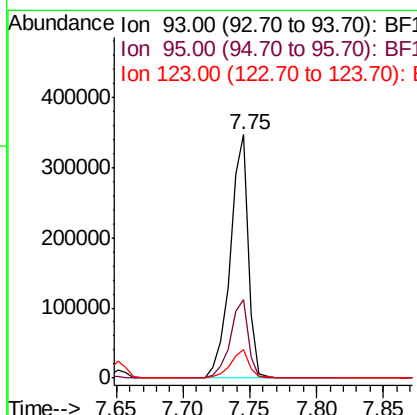
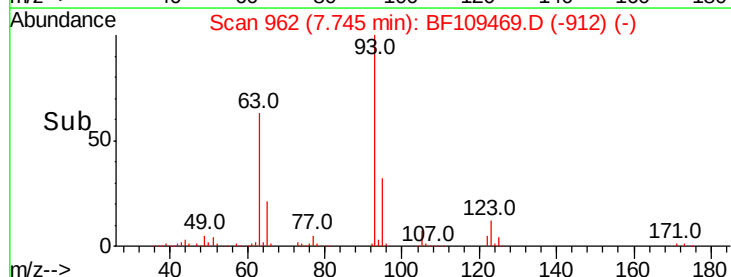
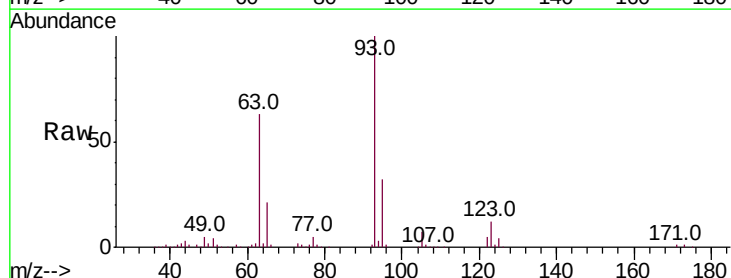
Manual Integrations
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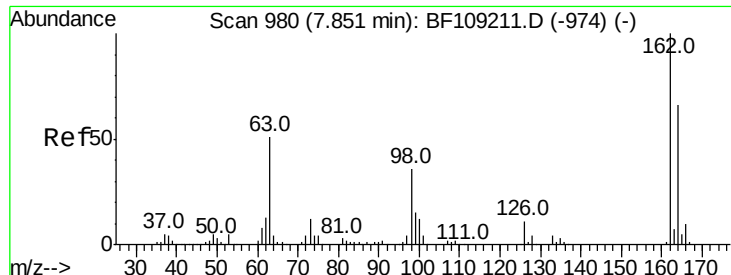
Sohil
 10/1/2018 9:57:37 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.852 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	93	Resp:	329906
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.6	9.8	14.6





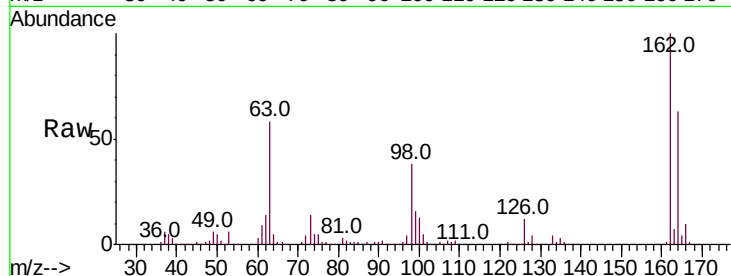
#29
 2,4-Dichlorophenol
 Concen: 40.491 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

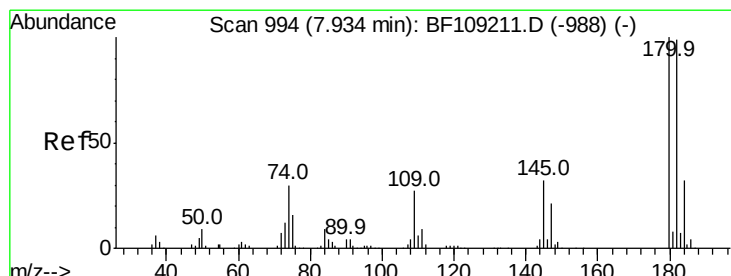
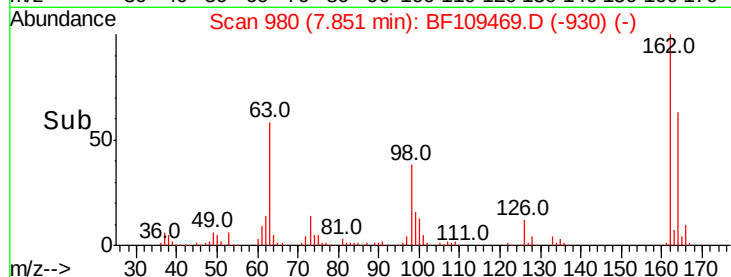
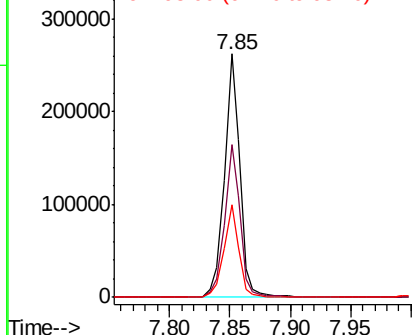
Tot Ion:	162	Resp:	231818
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.7	82.7
98	38.2	18.1	58.1

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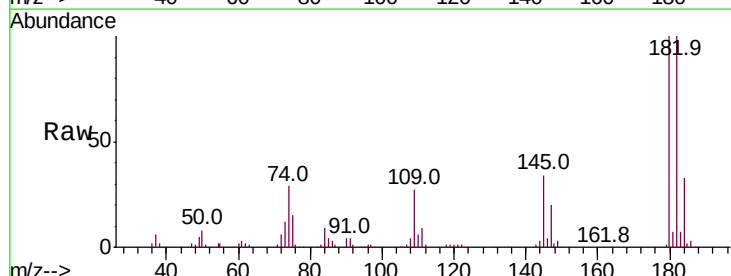


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

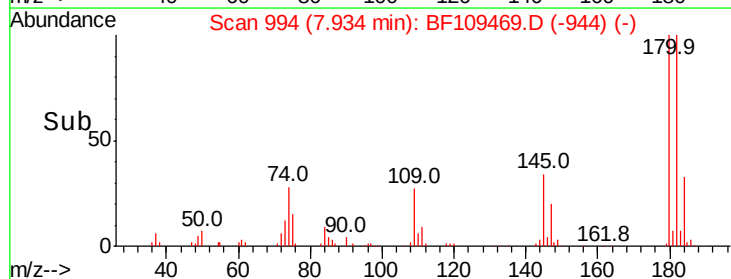
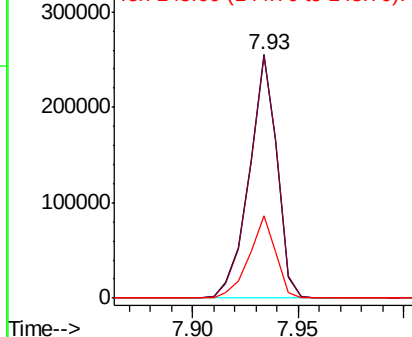


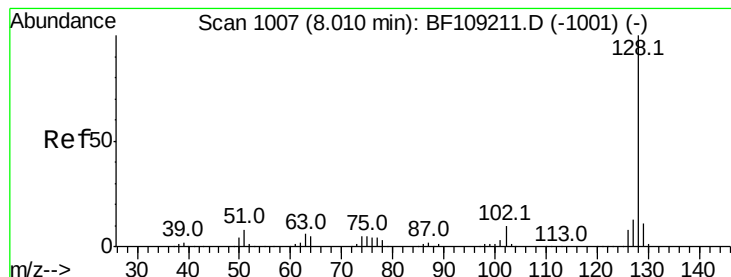
#30
 1,2,4-Trichlorobenzene
 Concen: 36.454 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	180	Resp:	233206
Ion Ratio	Lower	Upper	
180	100		
182	99.7	76.8	115.2
145	33.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.970 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

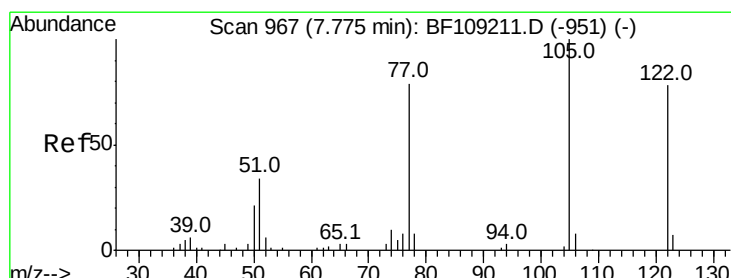
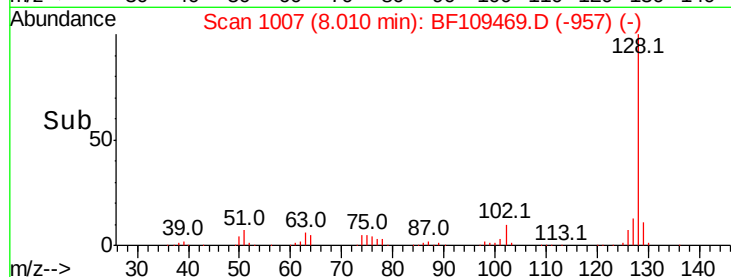
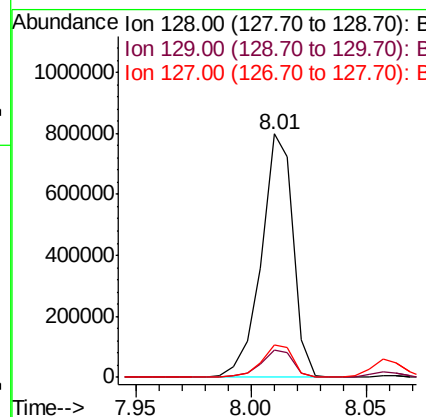
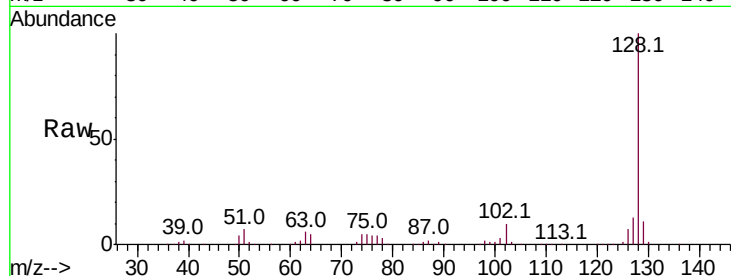
ClientSampled :

PB113313BSD

Tot Ion	128	Resp	765728
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.2	10.9	16.3

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#32

Benzoic acid

Concen: 25.270 ng m

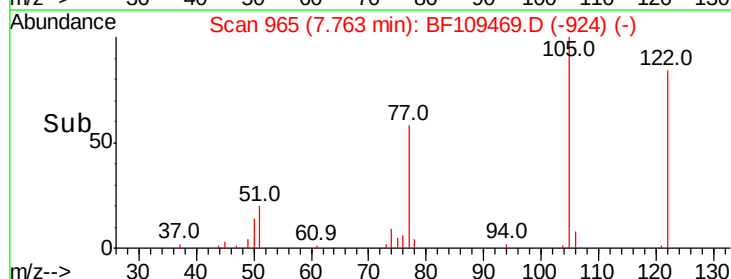
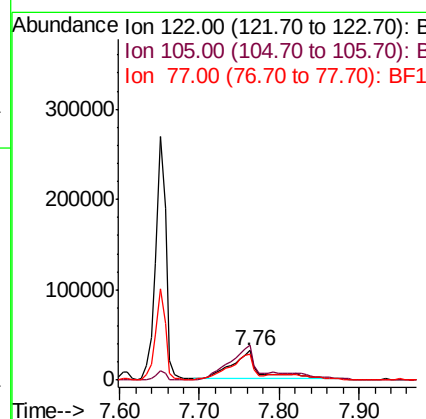
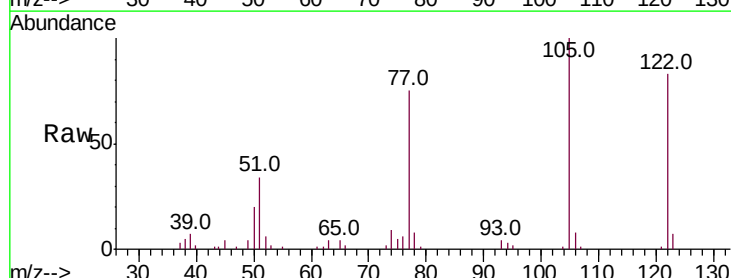
RT: 7.76 min Scan# 965

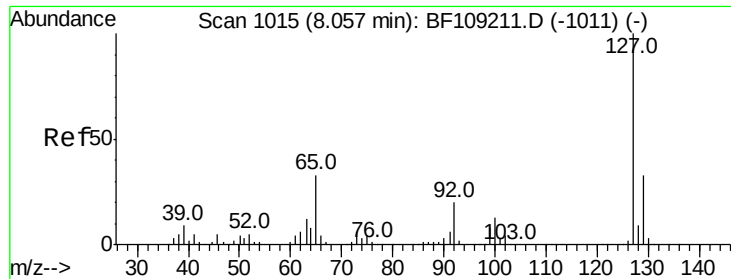
Delta R.T. -0.06 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion	122	Resp	79690
Ion Ratio	Lower	Upper	
122	100		
105	119.8	101.1	141.1
77	89.8	70.7	110.7





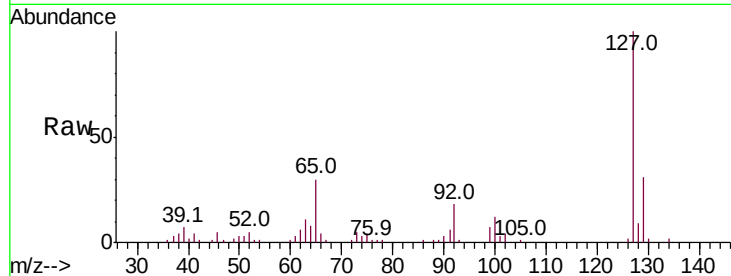
#33
4-Chloroaniline
Concen: 7.481 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		62611		
129	30.9	25.9	38.9		
65	29.8	25.0	37.4		
92	17.7	15.2	22.8		

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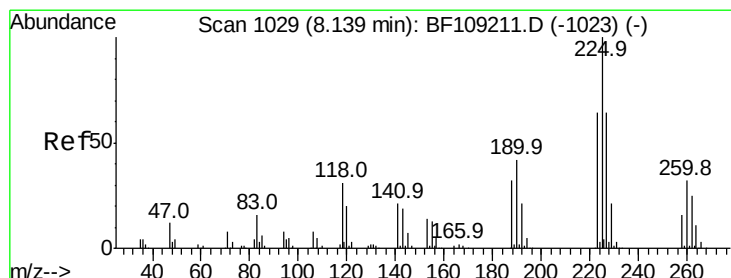
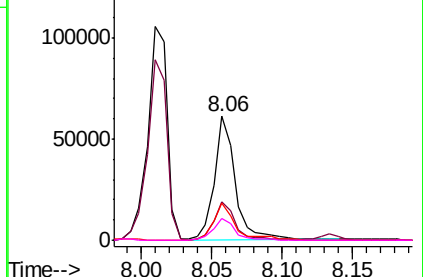
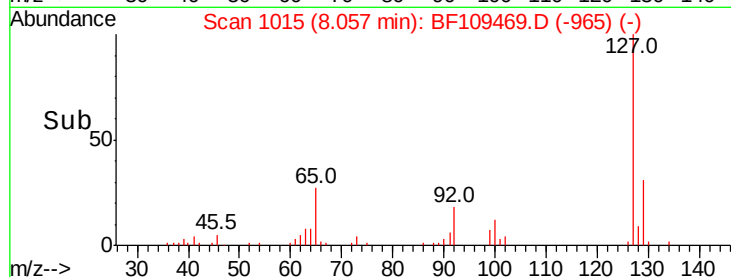
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

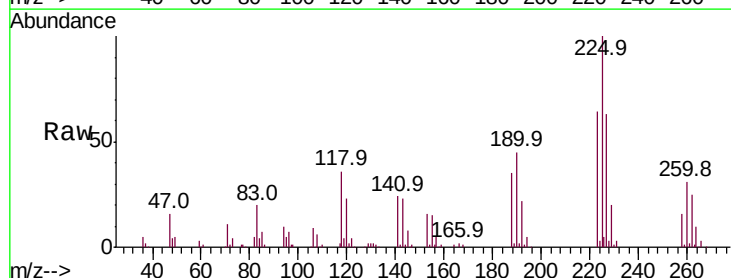
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.342 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140156		
223	64.0	50.6	76.0		
227	63.2	51.9	77.9		

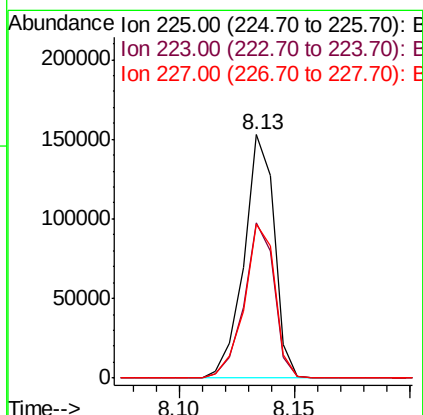
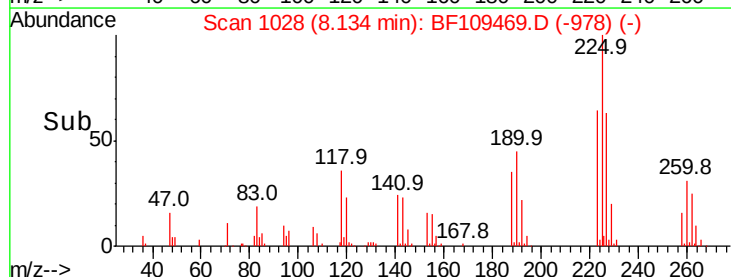


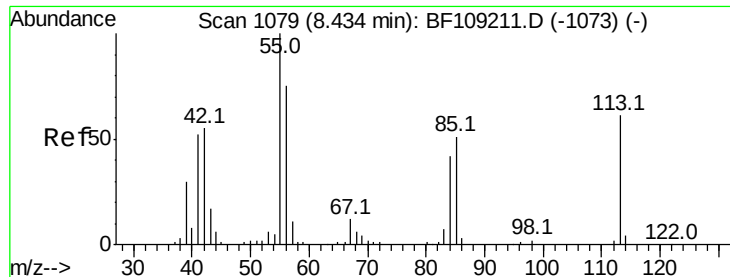
Abundance

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





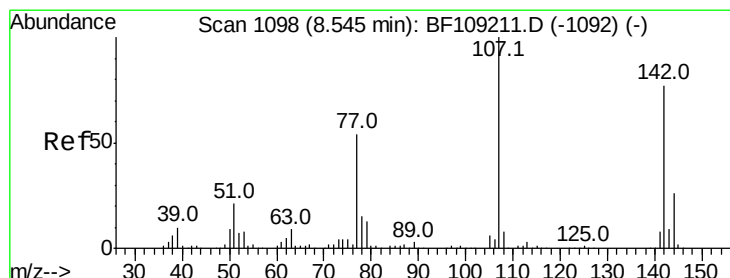
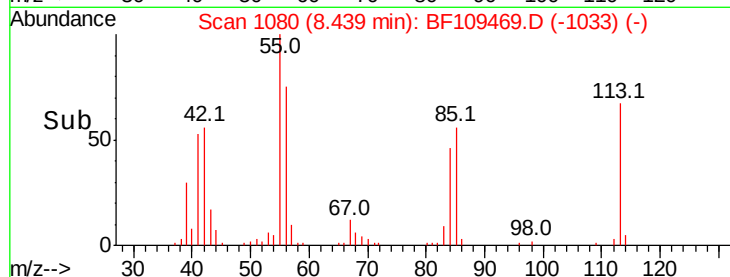
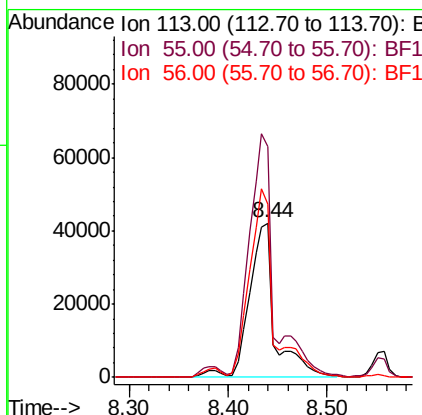
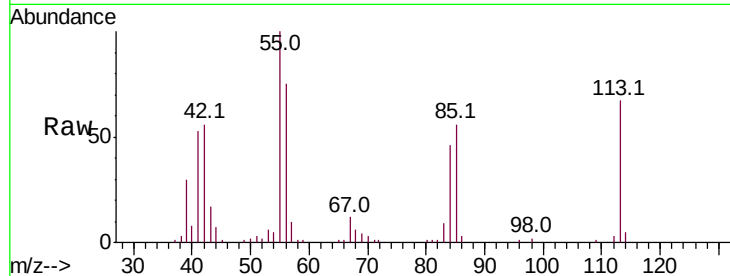
#35
 Caprolactam
 Concen: 41.200 ng/ml
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleID :
 PB113313BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.9	163.3	203.3#
56	112.1	115.7	155.7#

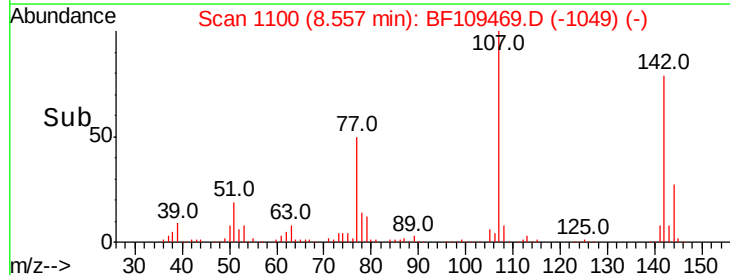
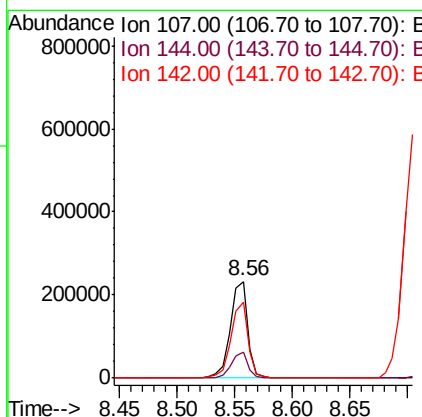
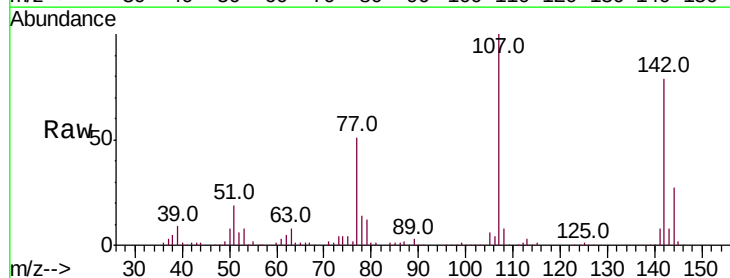
Manual Integrations
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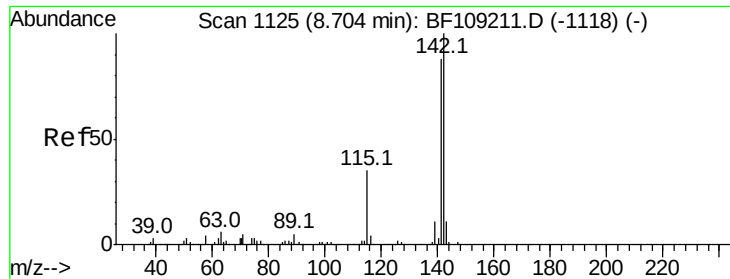
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.538 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	78.5	62.0	93.0





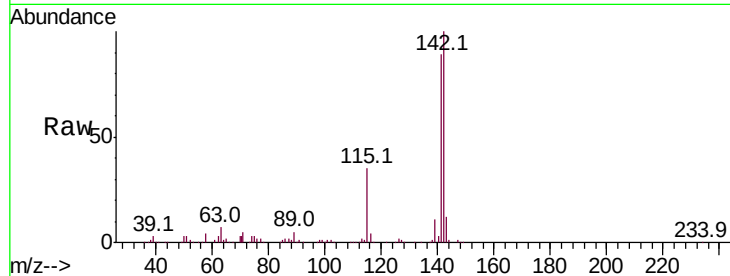
#37
2-Methylnaphthalene
Concen: 41.587 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	513599		
141	88.9	70.8	106.2	
115	35.4	26.1	39.1	

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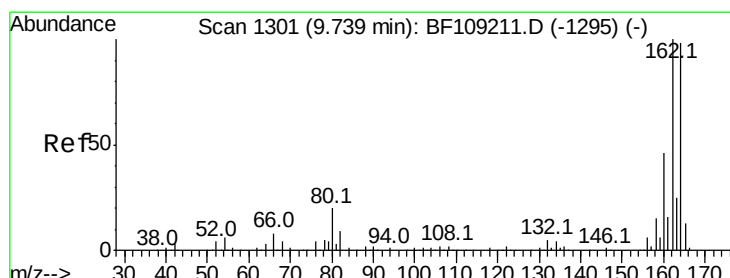
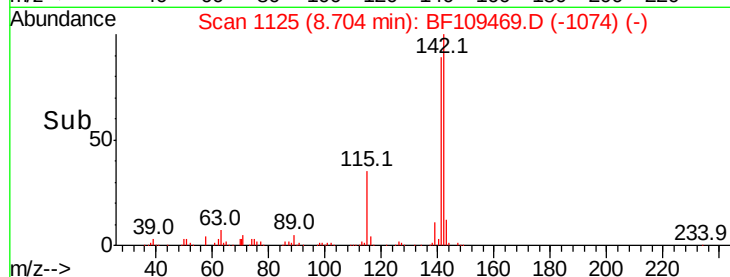
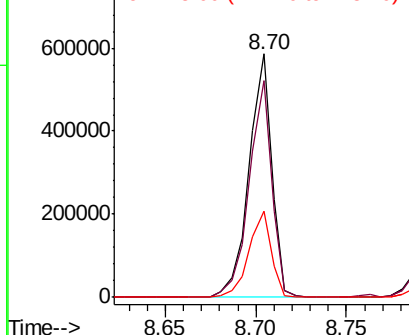


Abundance

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: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

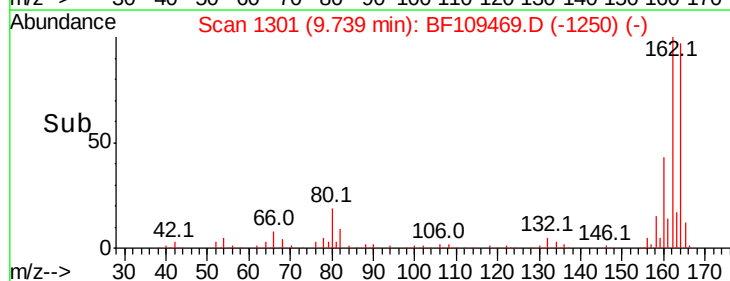
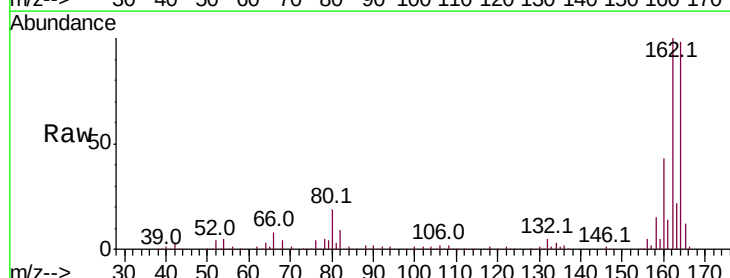
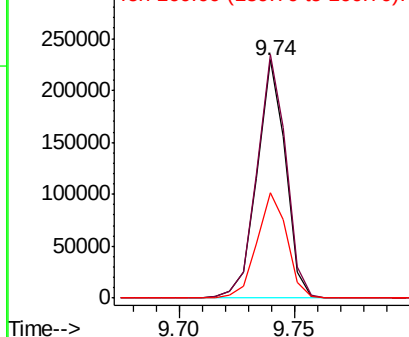
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197549		
162	102.3	86.1	129.1	
160	44.4	38.3	57.5	

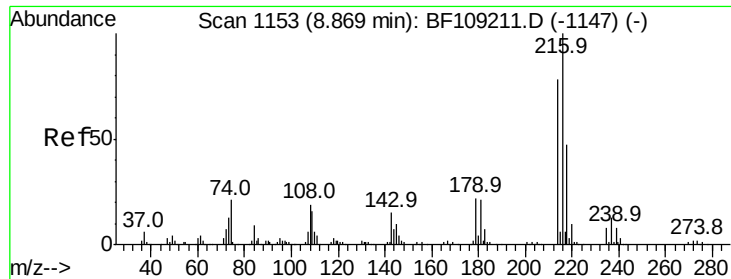
Abundance

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





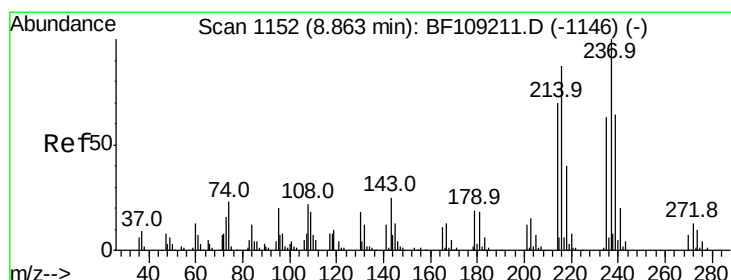
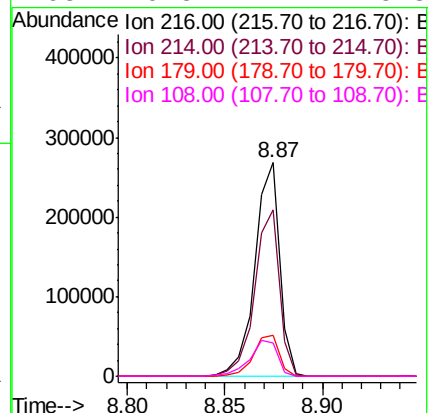
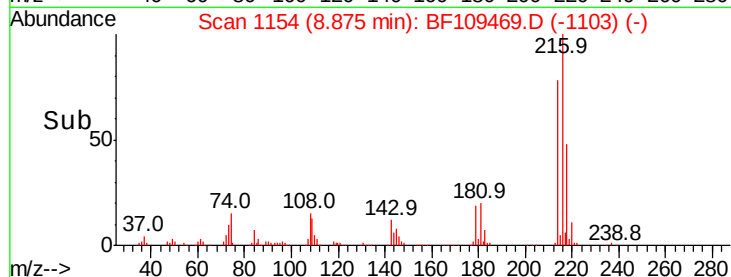
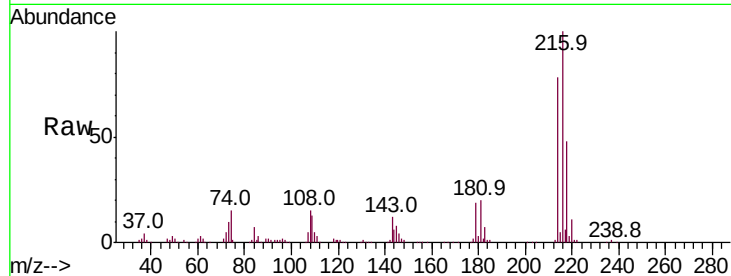
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.554 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.2	18.1	27.1
108	19.3	17.2	25.8

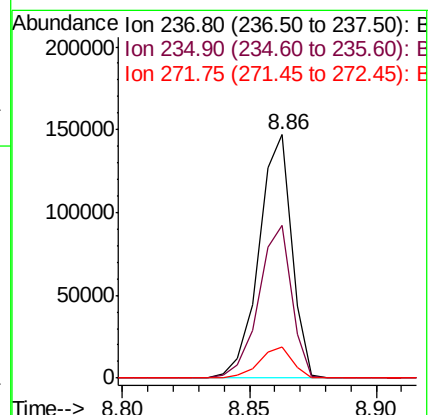
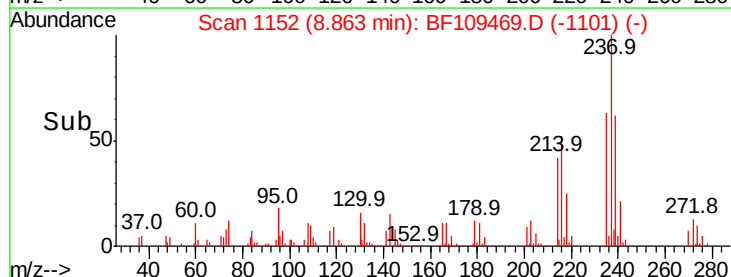
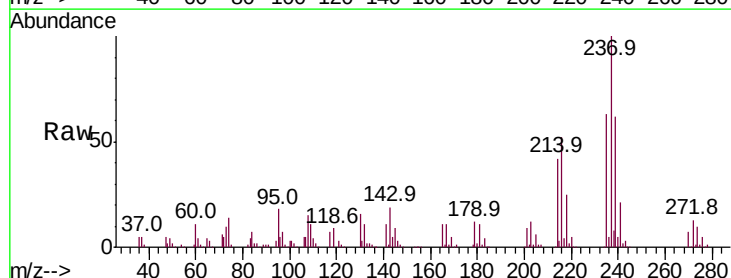
Manual Integrations
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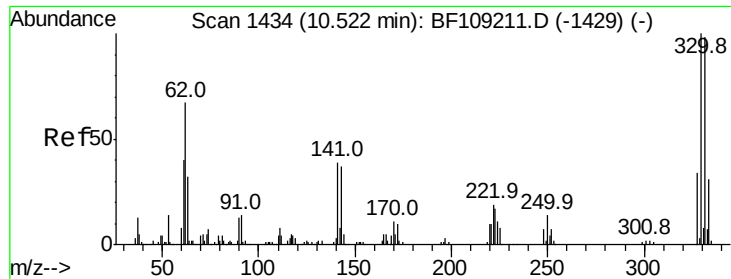
Sohil
 10/1/2018 9:57:37 AM



#40
 Hexachlorocyclopentadiene
 Concen: 48.650 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.8	0.0	33.3





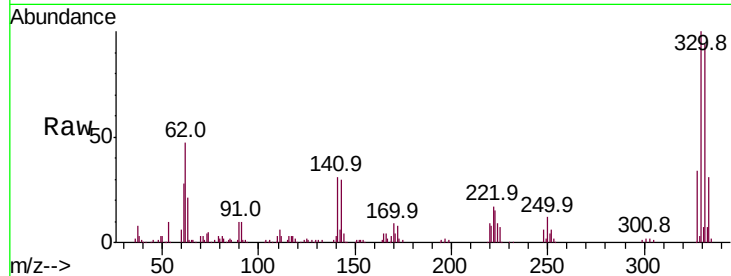
#41
 2,4,6-Tribromophenol
 Concen: 80.705 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	157167		
332	94.4	77.0	115.6	
141	33.3	29.9	44.9	

Manual Integrations
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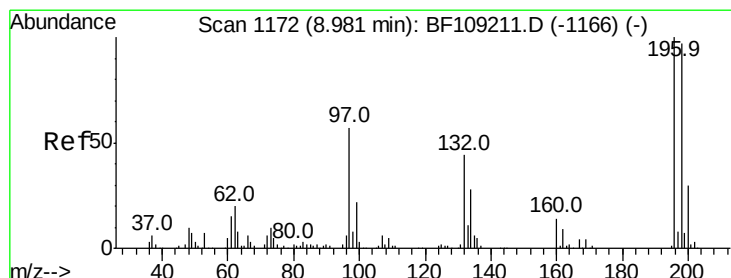
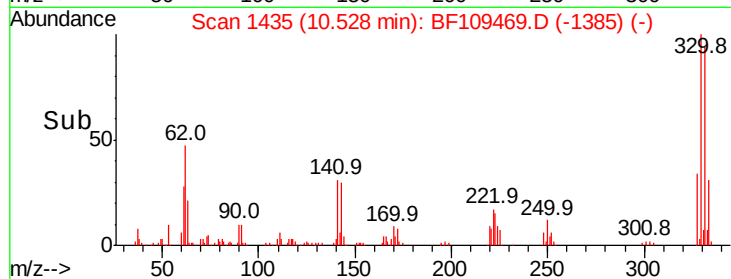
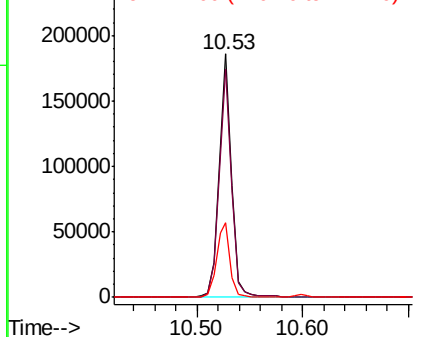


Abundance

Ion 329.80 (329.50 to 330.50): E

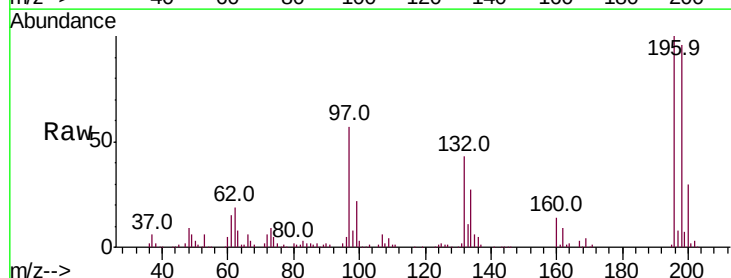
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.151 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157978		
198	95.5	75.7	113.5	
200	30.5	24.5	36.7	

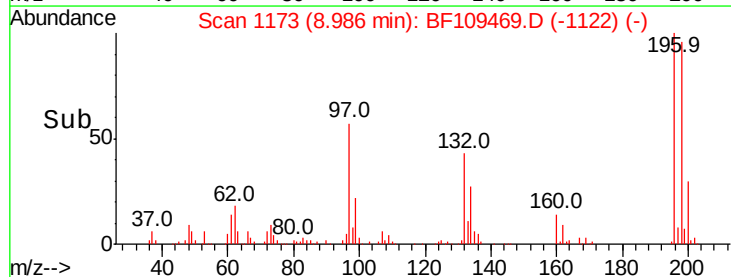
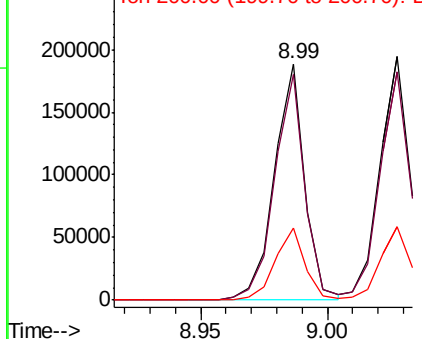


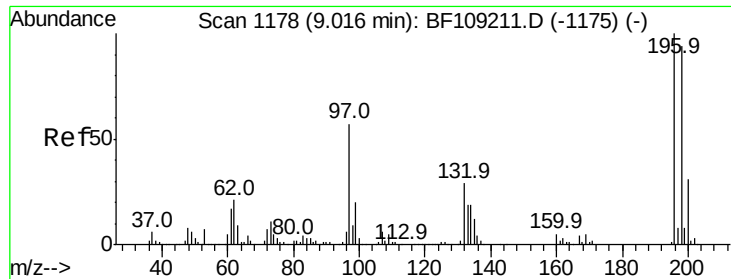
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





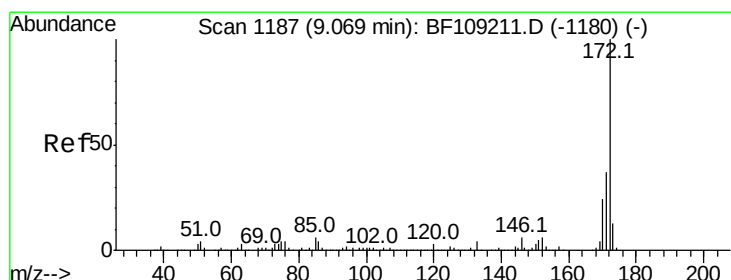
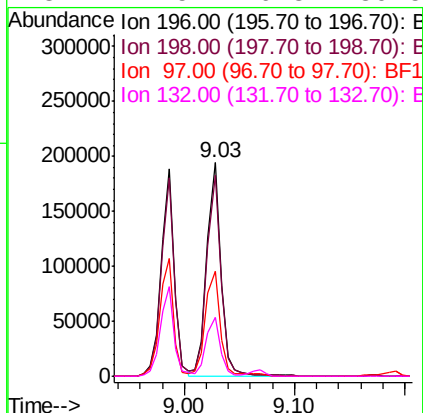
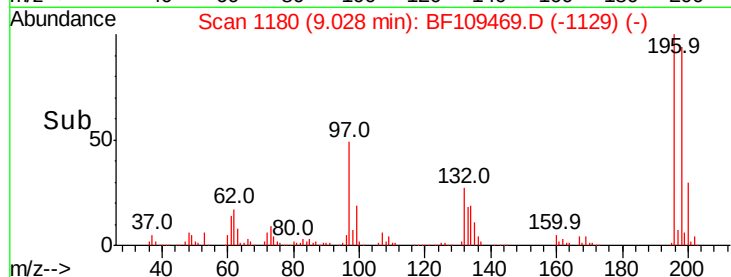
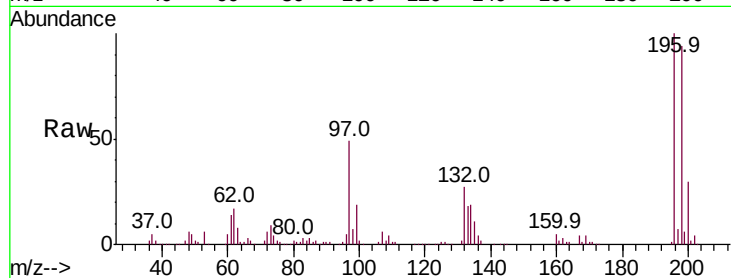
#43
 2,4,5-Trichlorophenol
 Concen: 39.602 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion:	196	Resp:	168766
Ion Ratio	Lower	Upper	
196	100		
198	94.0	74.6	112.0
97	48.9	42.9	64.3
132	27.5	26.3	39.5

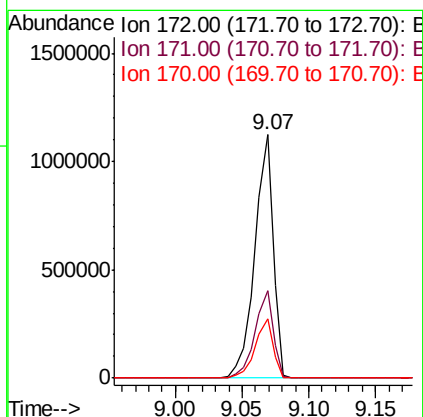
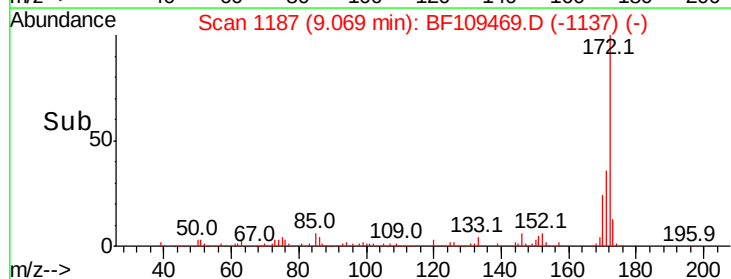
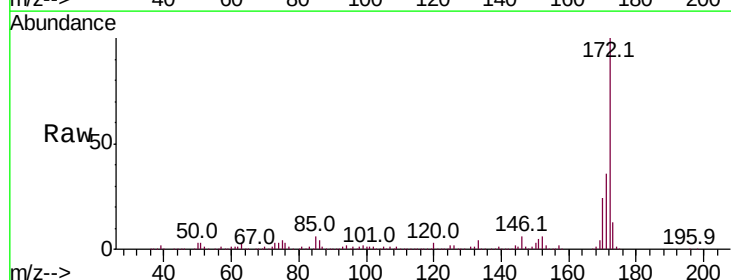
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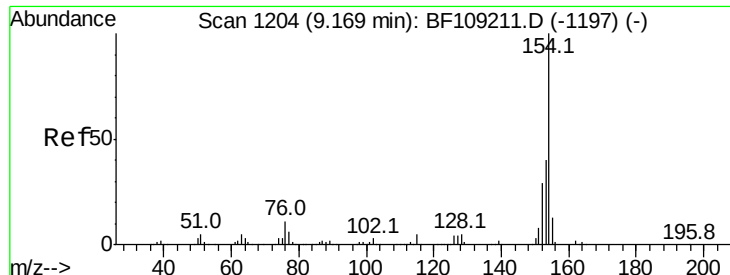
Sohil
 10/1/2018 9:57:37 AM



#44
 2-Fluorobiphenyl
 Concen: 80.687 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	172	Resp:	1056873
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4





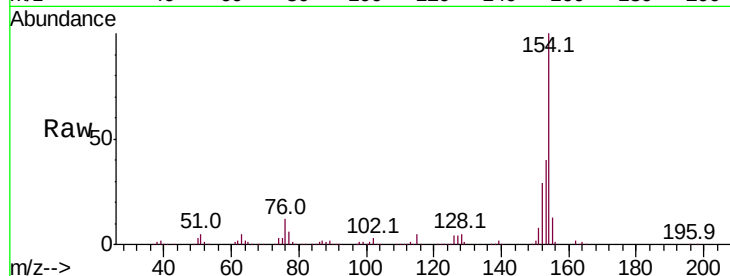
#45
1,1'-Biphenyl
Concen: 38.323 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.5	0.0	34.0

Manual Integrations
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Sohil
10/1/2018 9:57:37 AM

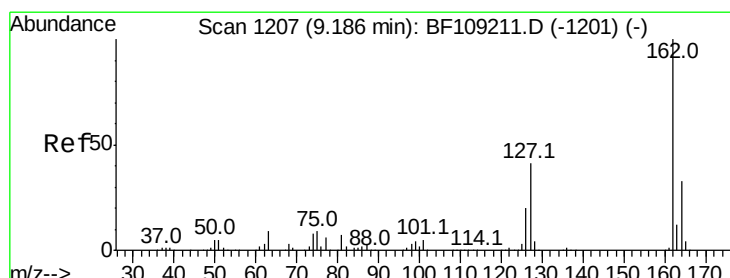
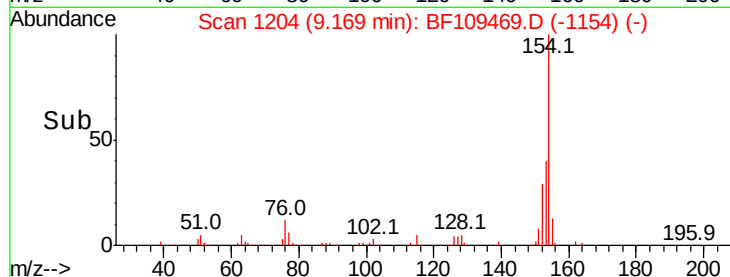
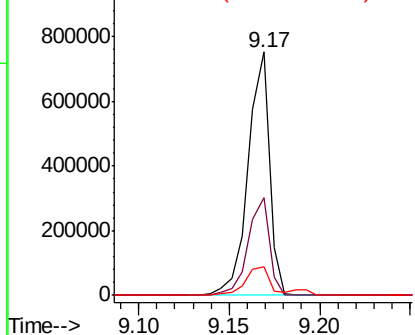


Abundance

Ion 154.00 (153.70 to 154.70): E

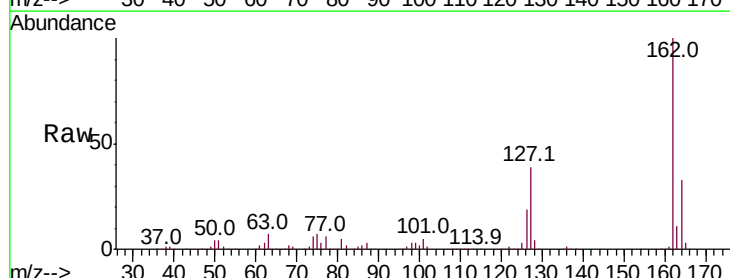
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 36.866 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	33.4	26.5	39.7

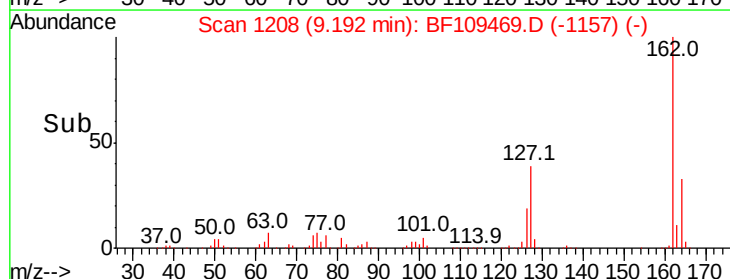
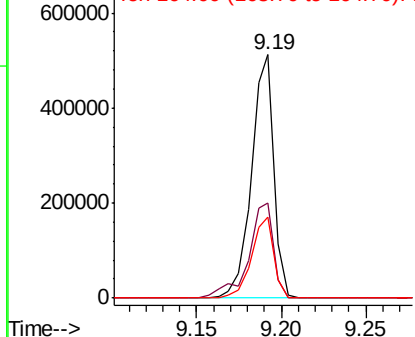


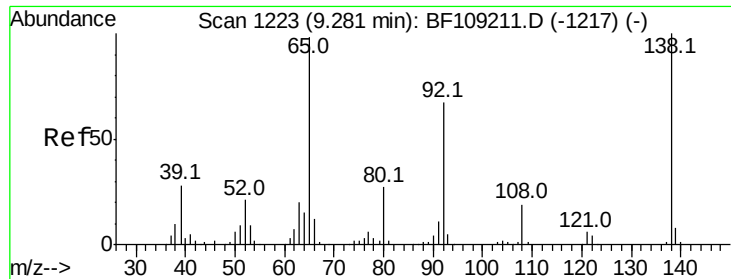
Abundance

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





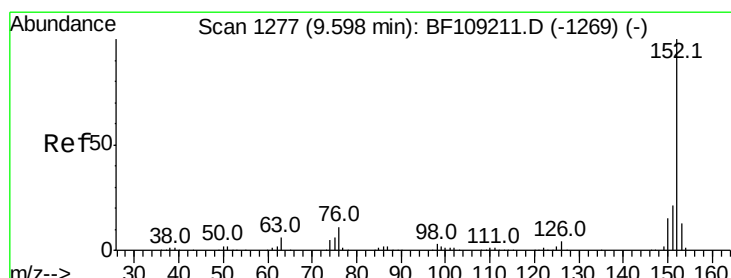
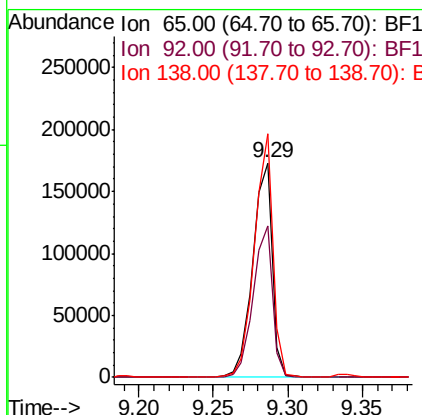
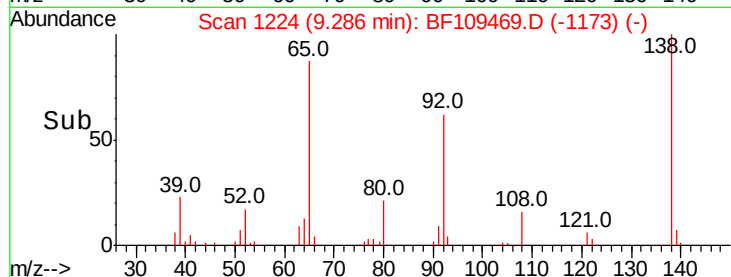
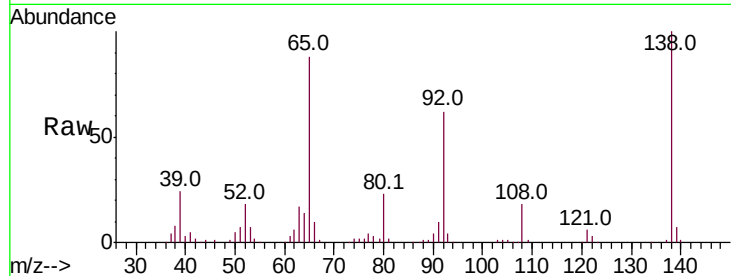
#47
 2-Nitroaniline
 Concen: 42.946 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion:	65	Resp:	156564
Ion Ratio	Lower	Upper	
65	100		
92	70.9	55.8	83.6
138	113.6	91.2	136.8

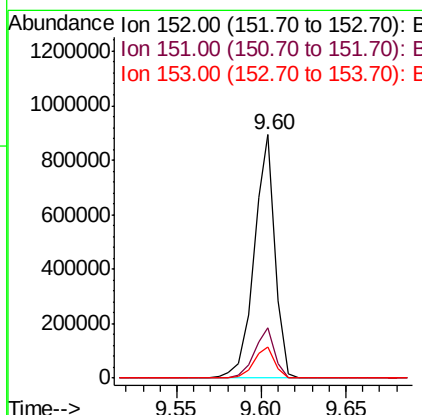
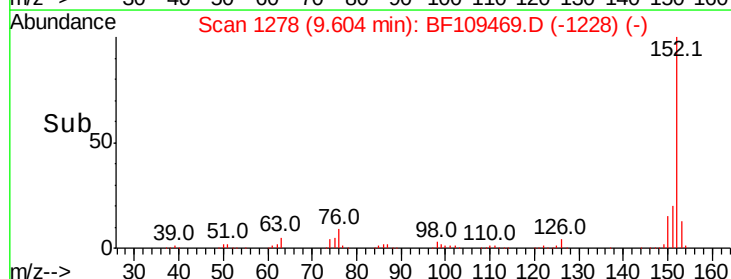
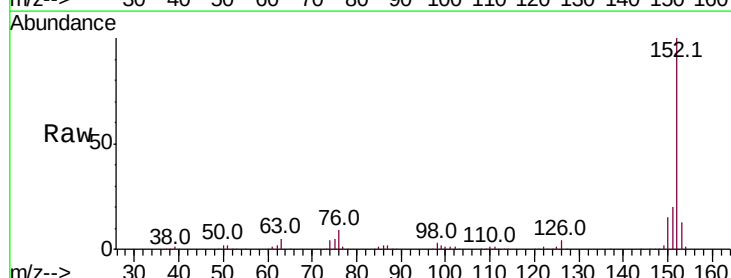
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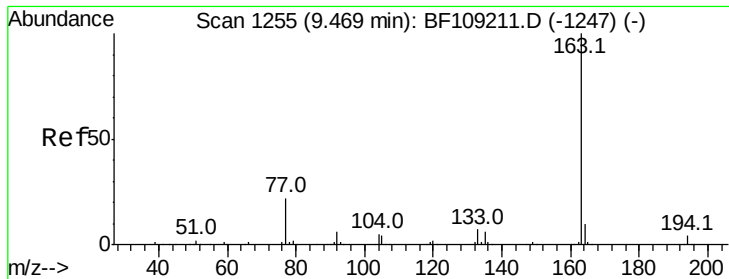
Sohil
 10/1/2018 9:57:37 AM



#48
 Acenaphthylene
 Concen: 39.554 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	152	Resp:	767273
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





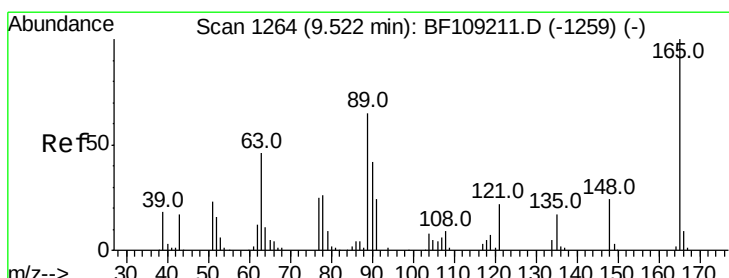
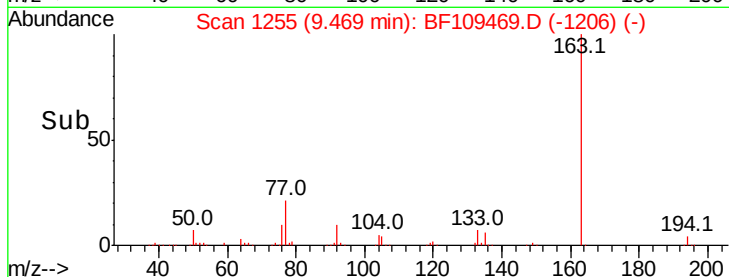
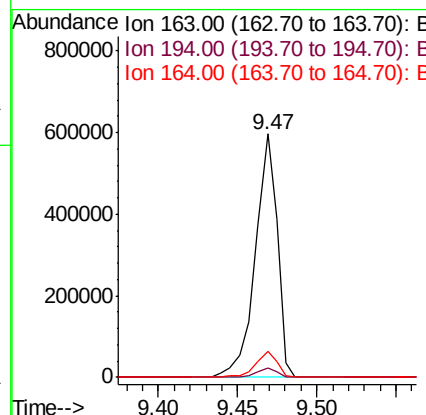
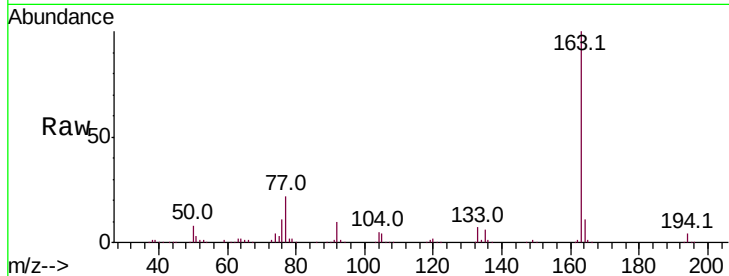
#49
 Dimethylphthalate
 Concen: 39.835 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.5	8.2	12.2	

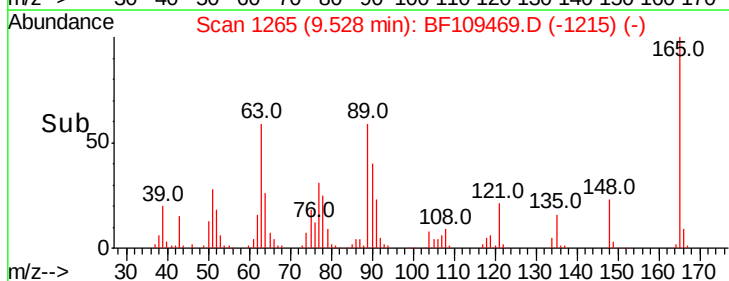
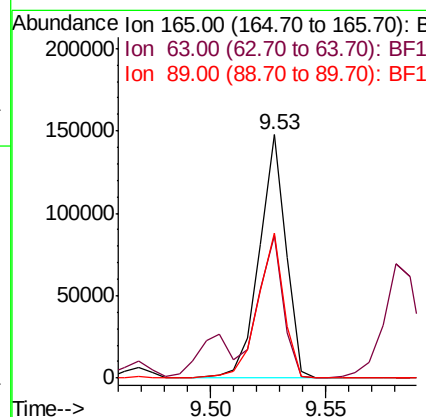
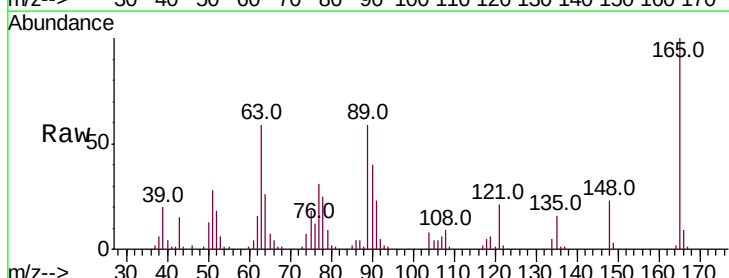
Manual Integrations
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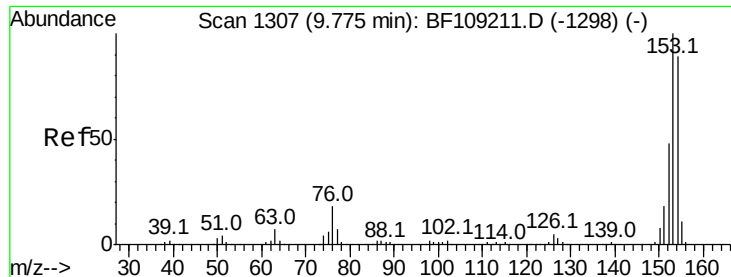
Sohil
 10/1/2018 9:57:37 AM



#50
 2,6-Dinitrotoluene
 Concen: 41.985 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.6	44.7	67.1	
89	59.4	44.0	66.0	





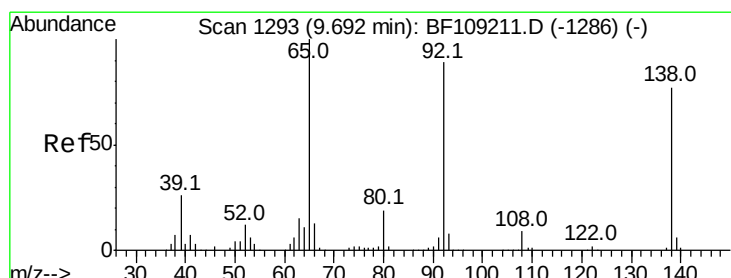
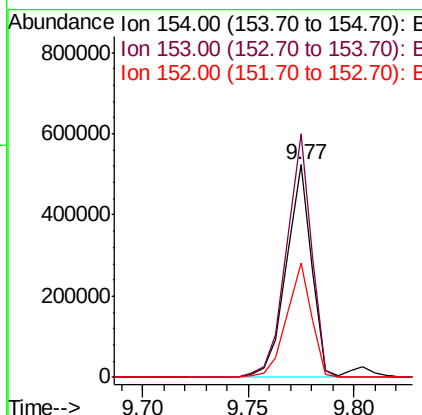
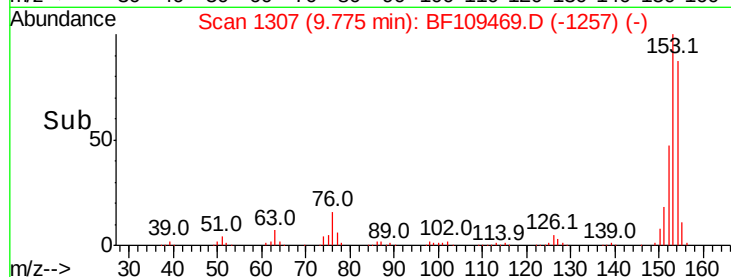
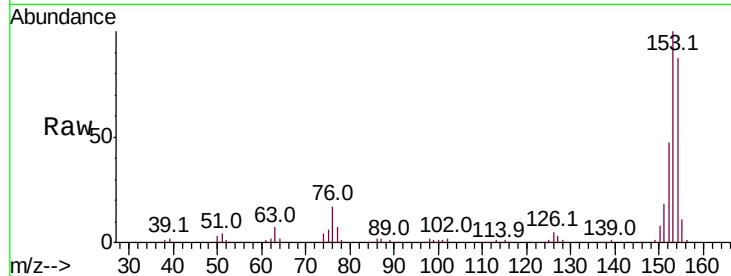
#51
Acenaphthene
Concen: 37.310 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	53.9	43.8	65.8

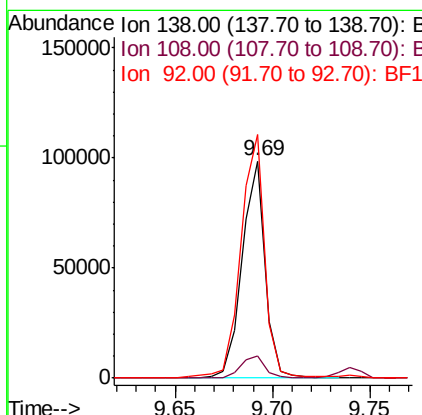
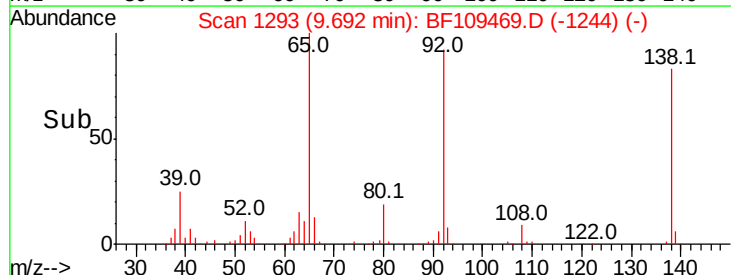
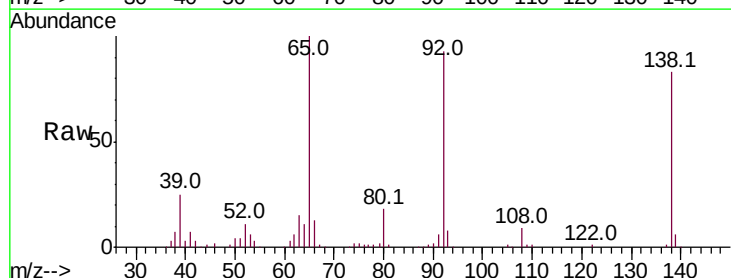
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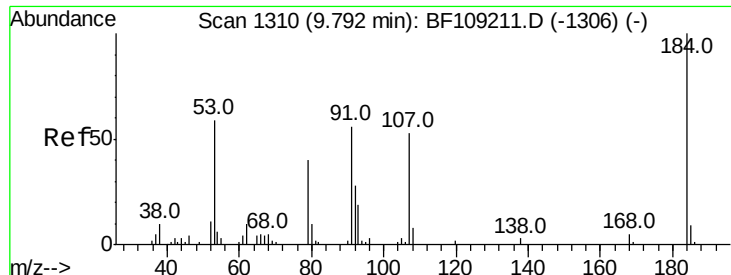
Sohil
10/1/2018 9:57:37 AM



#52
3-Nitroaniline
Concen: 24.374 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	112.2	89.4	134.2





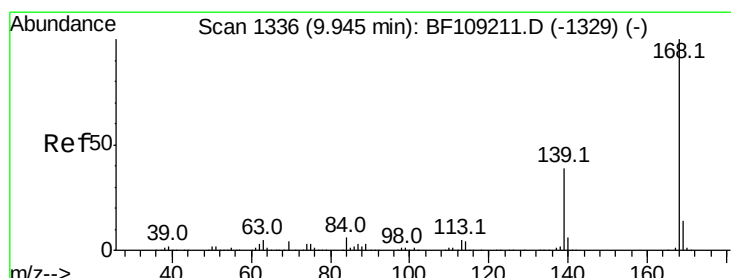
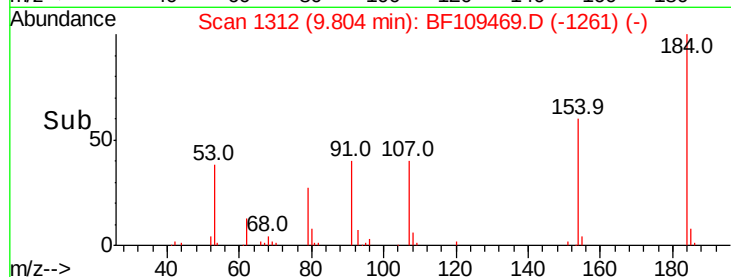
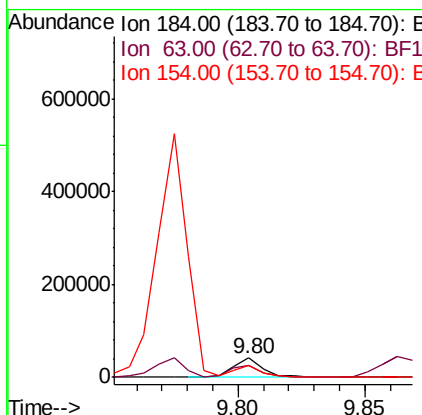
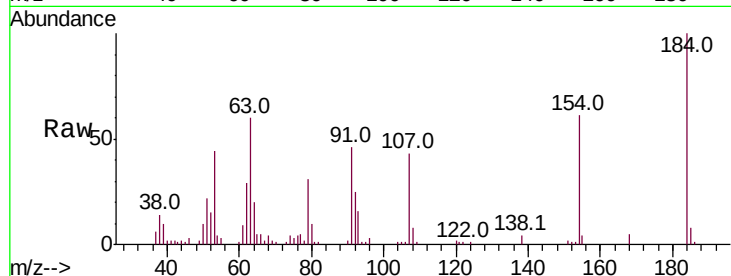
#53
 2,4-Dinitrophenol
 Concen: 38.206 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.6	54.2	81.2	
154	61.0	184.0	276.0	

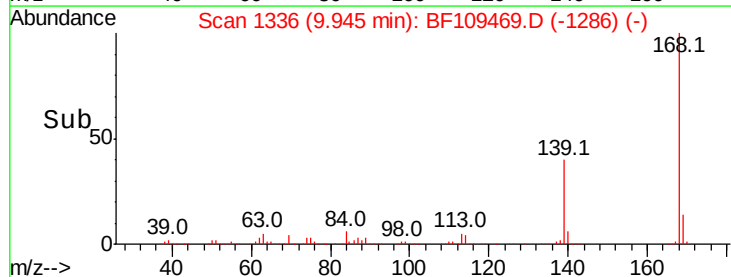
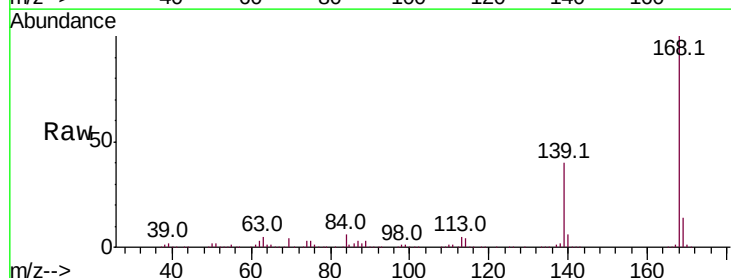
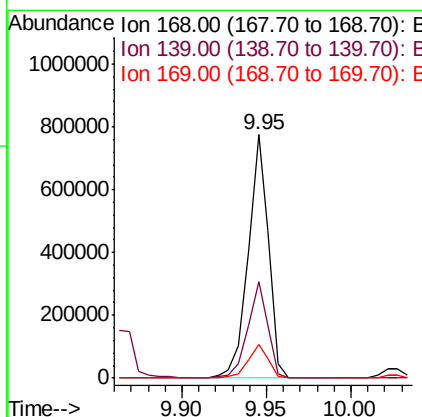
Manual Integrations
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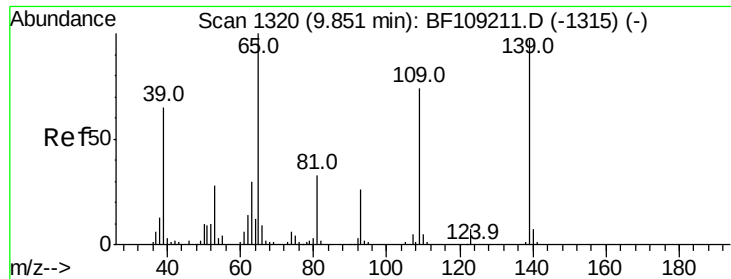
Sohil
 10/1/2018 9:57:37 AM



#54
 Dibenzofuran
 Concen: 37.131 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	30.1	45.1	
169	14.1	10.9	16.3	





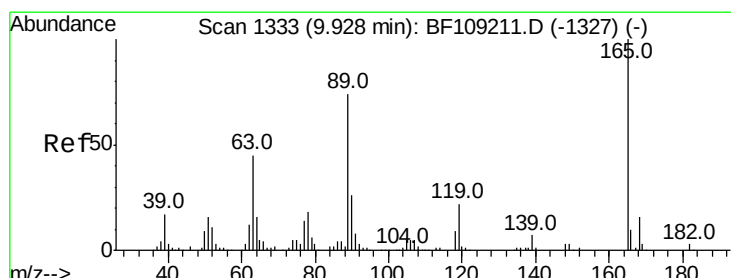
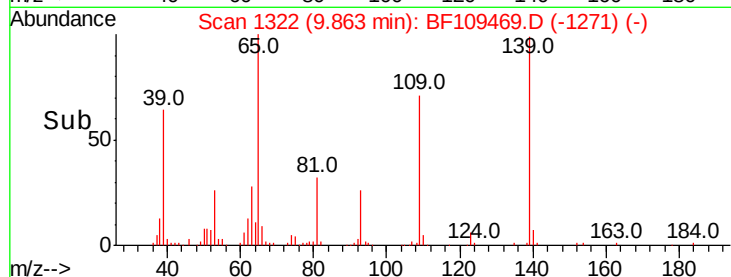
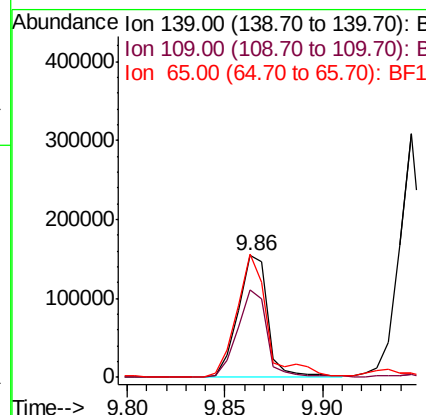
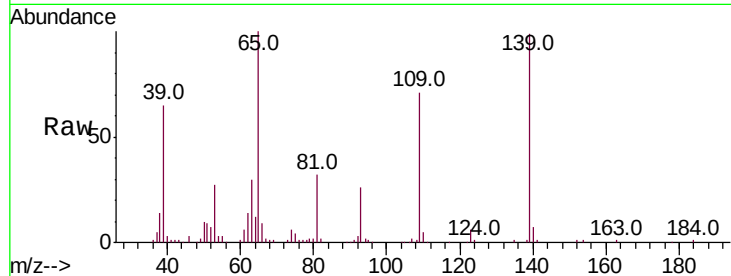
#55
4-Nitrophenol
Concen: 66.126 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.8	48.4	88.4	
65	101.5	72.6	112.6	

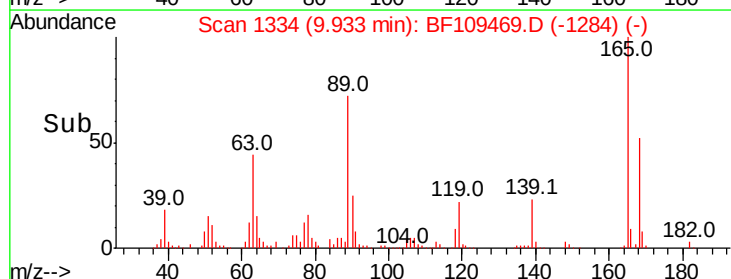
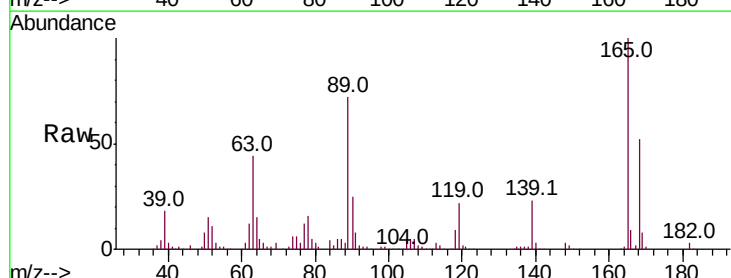
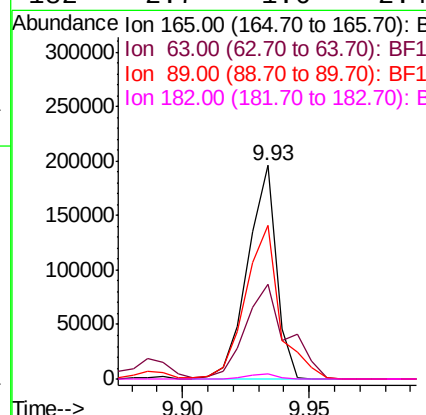
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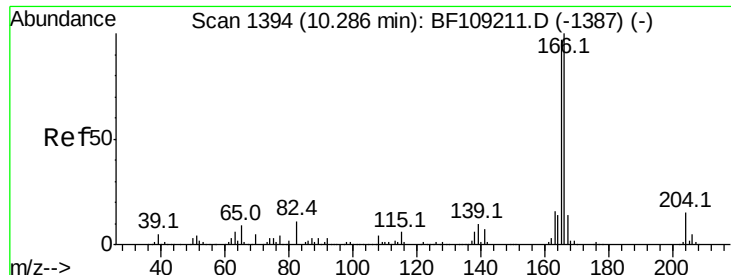
Sohil
10/1/2018 9:57:37 AM



#56
2,4-Dinitrotoluene
Concen: 43.207 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.1	36.4	54.6	
89	71.8	57.8	86.6	
182	2.7	1.6	2.4	#





#57

Fluorene

Concen: 39.398 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

ClientSampleId :

PB113313BSD

Tot Ion:166 Resp: 490289

Ion Ratio Lower Upper

166 100

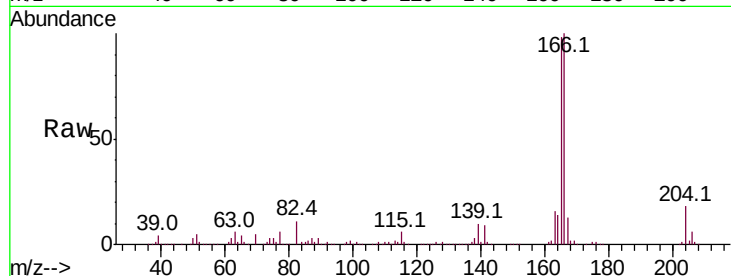
165 98.4 79.8 119.8

167 13.1 10.6 16.0

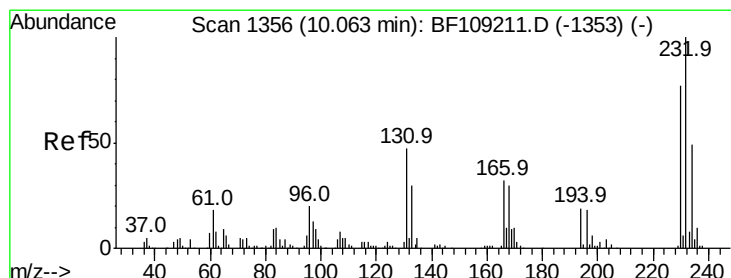
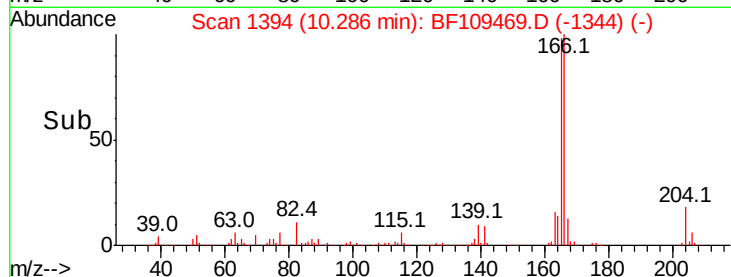
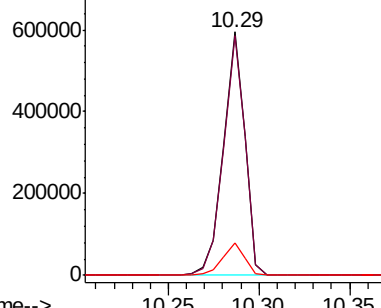
Manual Integrations
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Sohil

10/1/2018 9:57:37 AM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.394 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:232 Resp: 129553

Ion Ratio Lower Upper

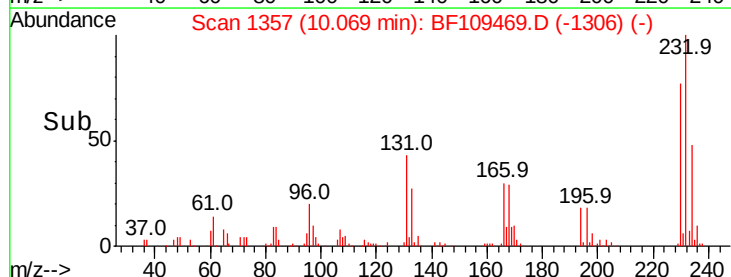
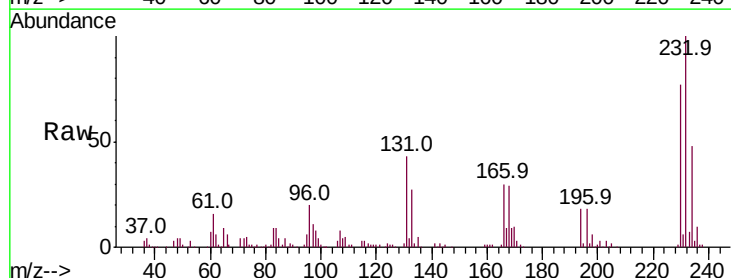
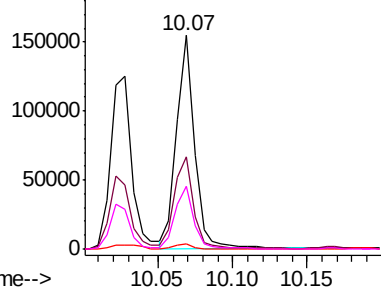
232 100

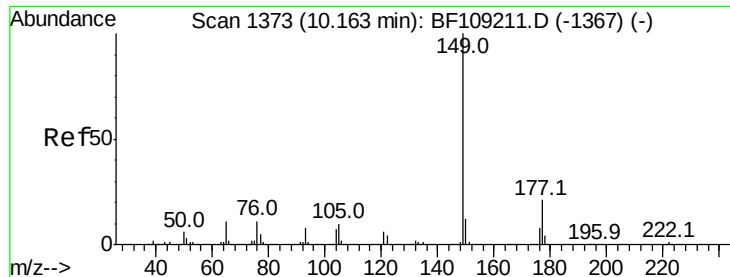
131 46.0 43.8 65.8

130 2.2 2.1 3.1

166 30.7 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





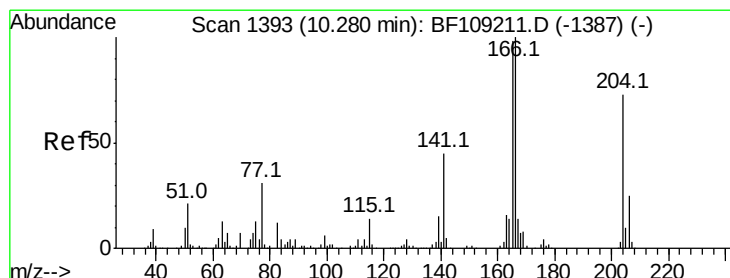
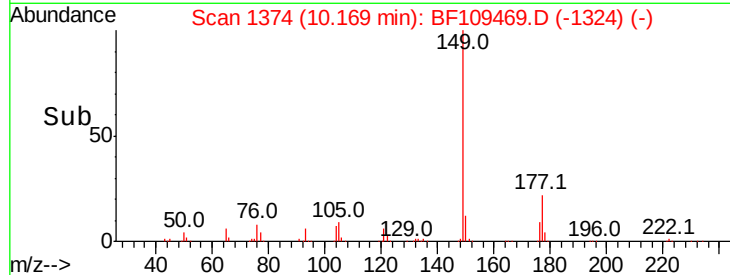
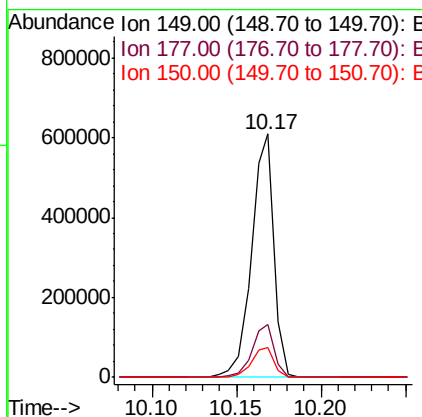
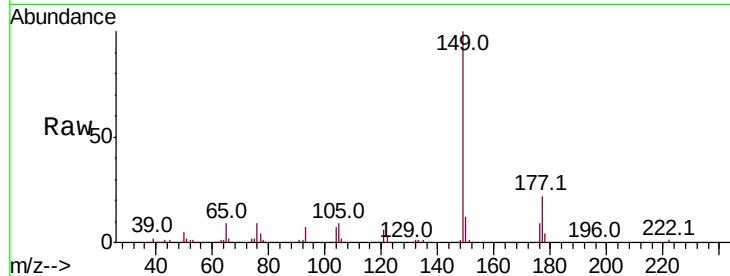
#59
Diethylphthalate
 Concen: 38.562 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion:	149	Resp:	561082
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.1	24.1
150	12.1	10.1	15.1

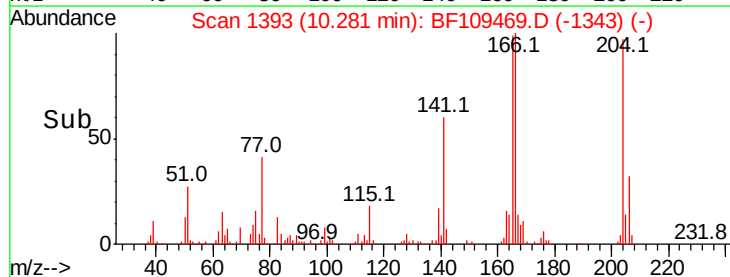
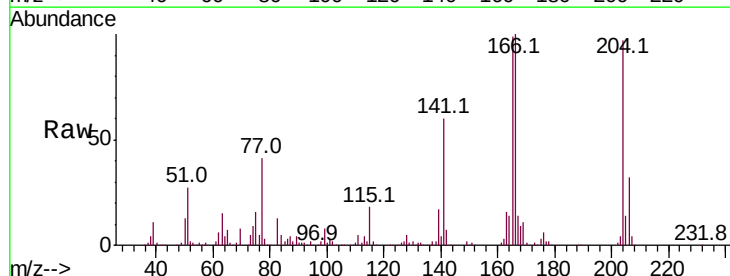
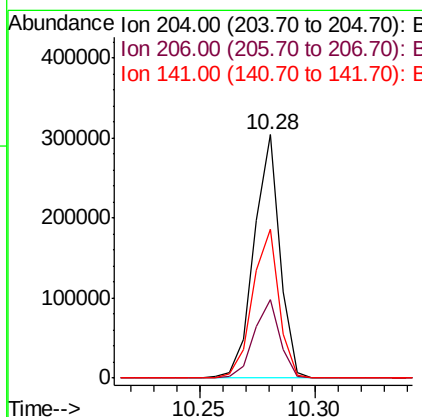
Manual Integrations
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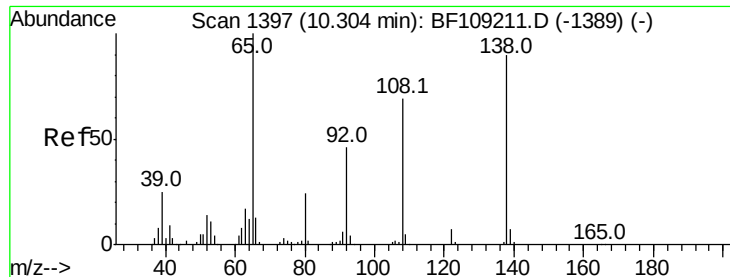
Sohil
 10/1/2018 9:57:37 AM



#60
4-Chlorophenyl-phenylether
 Concen: 36.430 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	204	Resp:	236792
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	61.3	54.6	81.8





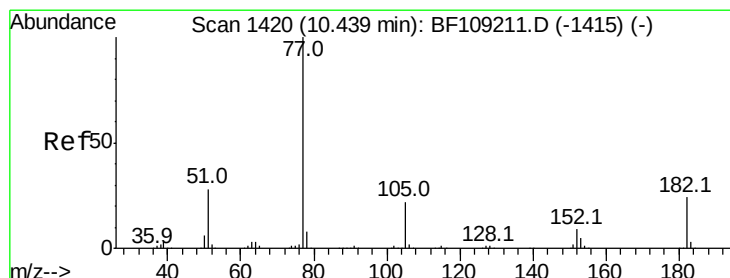
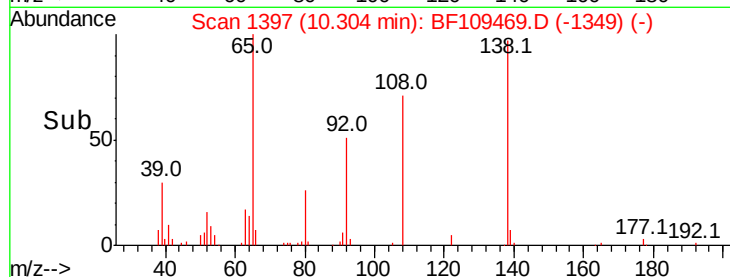
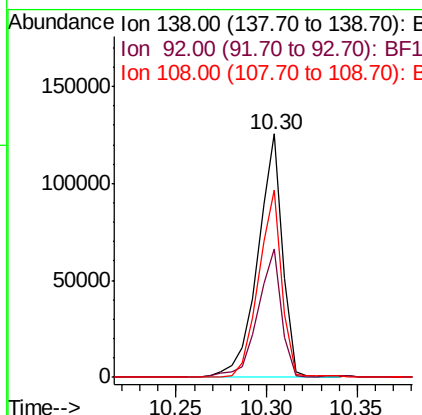
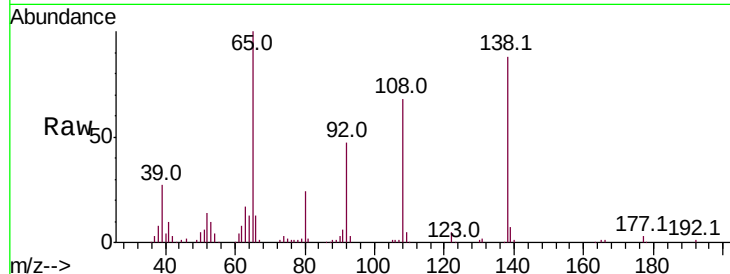
#61
4-Nitroaniline
Concen: 36.846 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.7	30.2	70.2	
108	76.9	52.5	92.5	

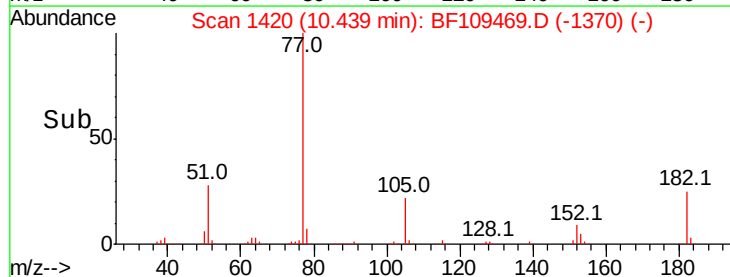
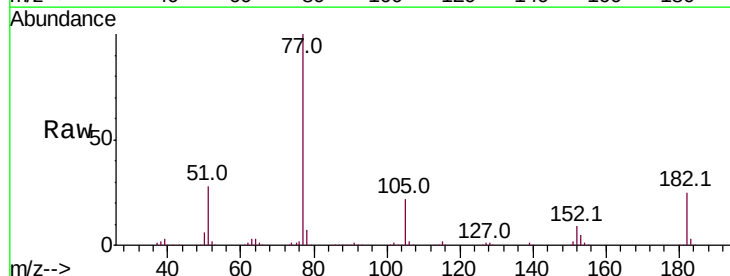
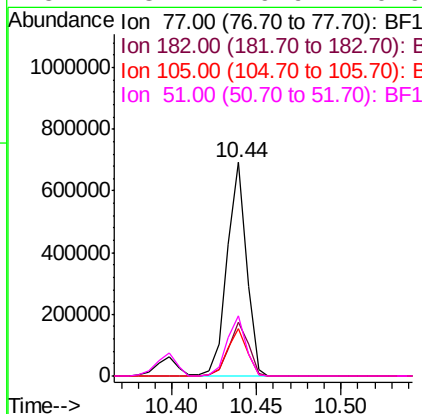
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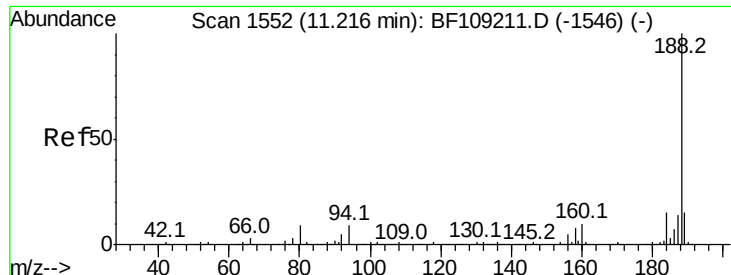
Sohil
10/1/2018 9:57:37 AM



#62
Azobenzene
Concen: 36.416 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.1	1.7	41.7	
105	22.2	3.0	43.0	
51	28.2	9.9	49.9	





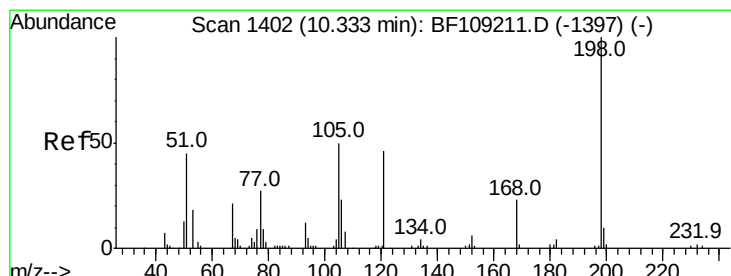
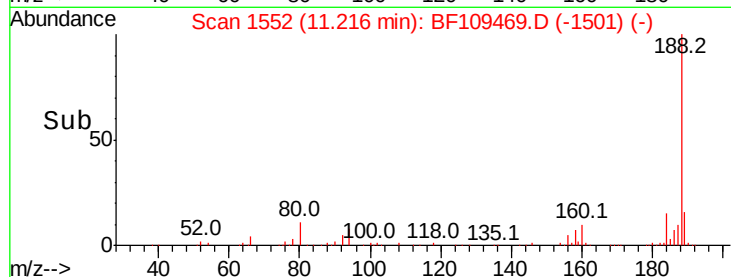
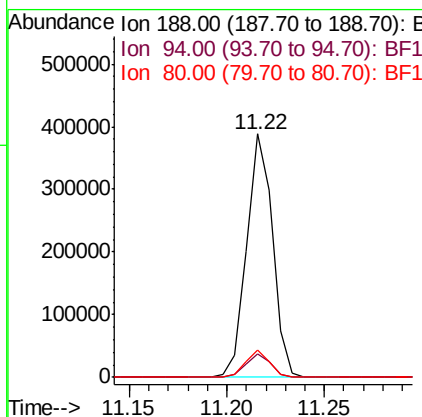
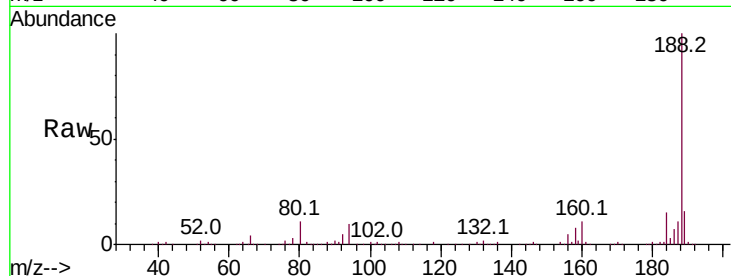
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

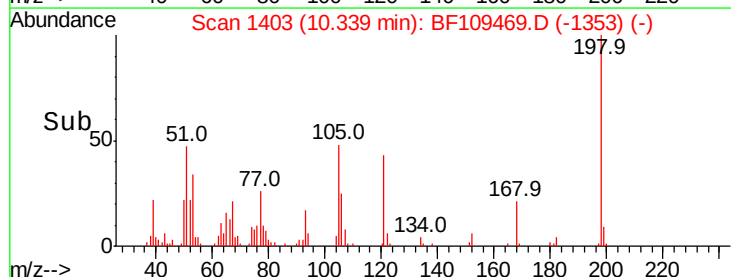
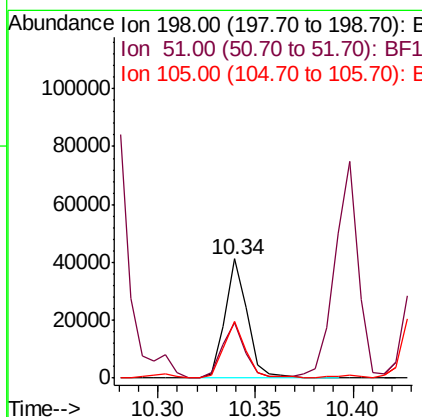
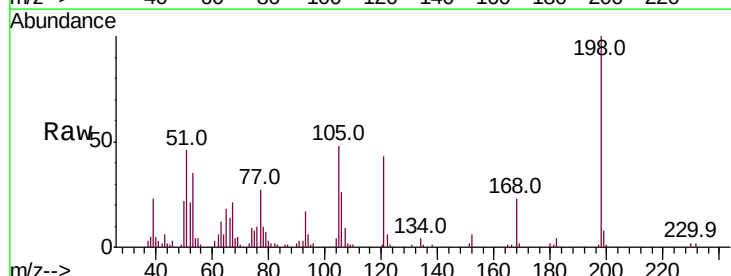
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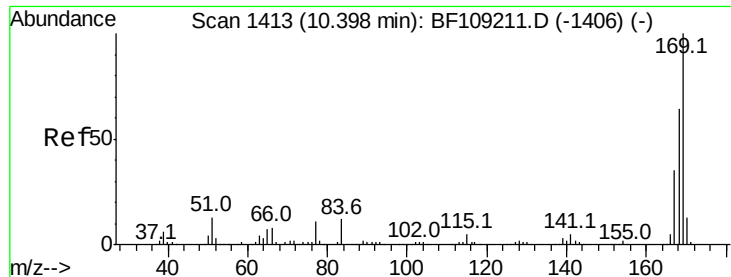
Sohil
 10/1/2018 9:57:37 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.334 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	46.4	37.7	77.7
105	47.6	36.3	76.3





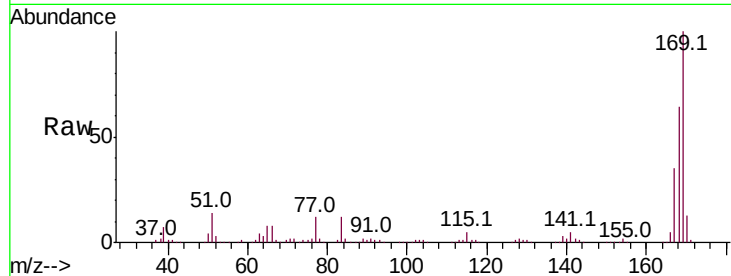
#65
 n-Nitrosodiphenylamine
 Concen: 40.284 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

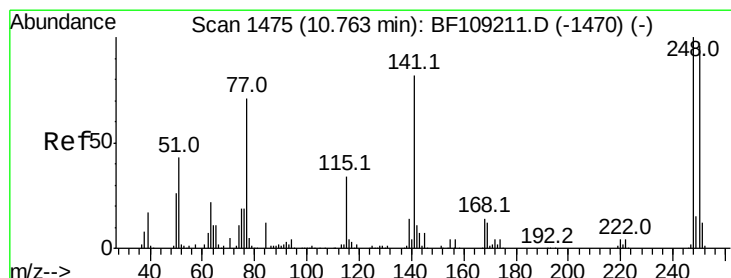
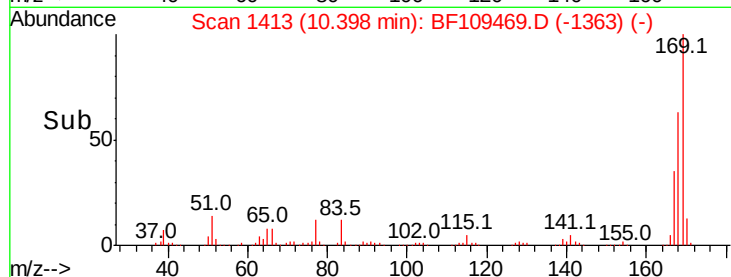
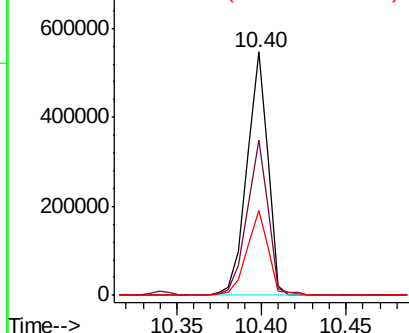
Tot Ion:	169	Resp:	475996
Ion Ratio	Lower	Upper	
169	100		
168	63.6	54.4	81.6
167	35.0	29.8	44.6

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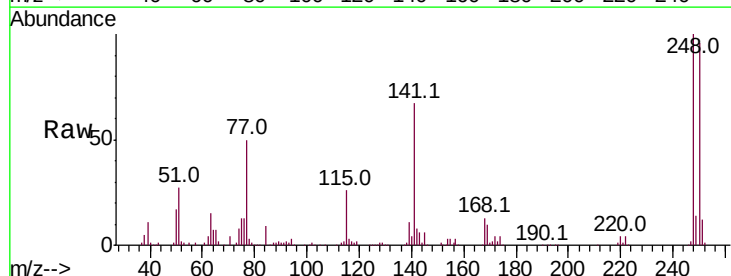


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

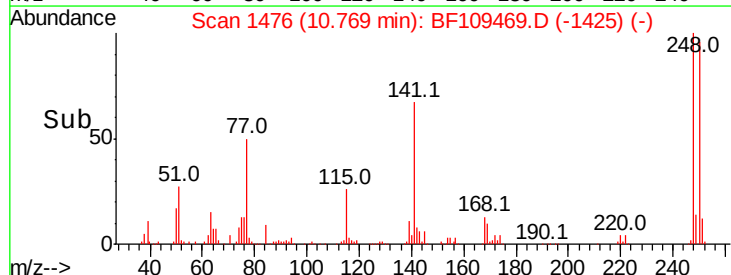
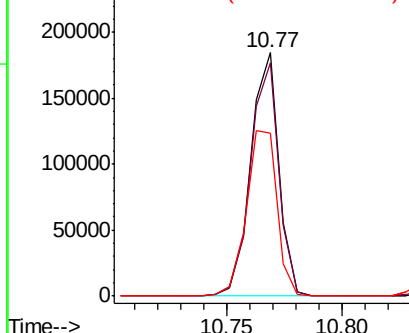


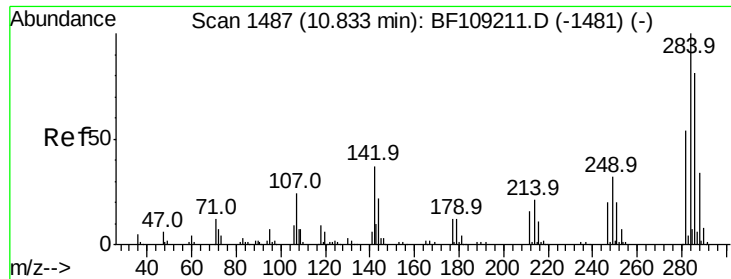
#66
 4-Bromophenyl-phenylether
 Concen: 39.628 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion:	248	Resp:	157377
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.9	115.3
141	67.0	74.4	111.6#



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





#67

Hexachlorobenzene

Concen: 38.971 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

ClientSampleId :

PB113313BSD

Tot Ion:284 Resp: 164376
Ion Ratio Lower Upper

284 100

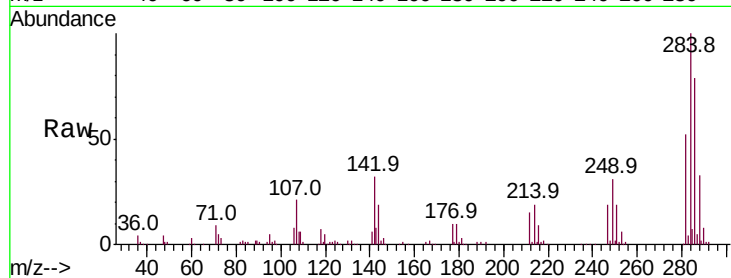
142 31.7 34.6 52.0#

249 31.2 24.8 37.2

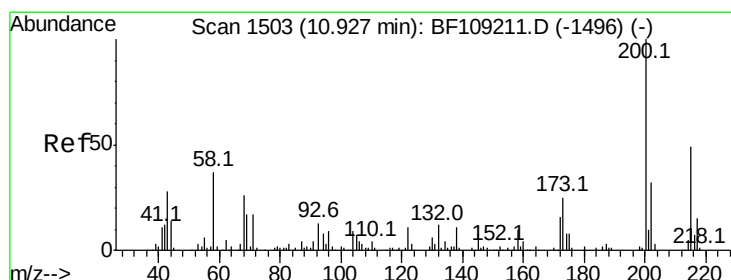
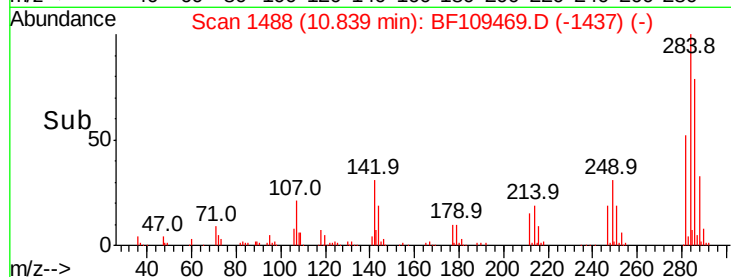
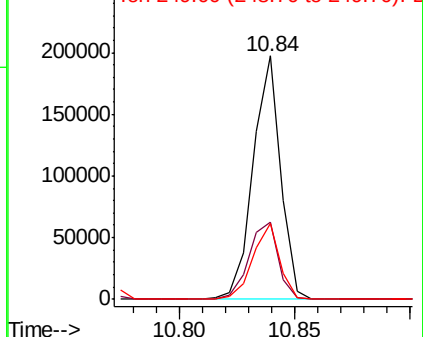
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.221 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109469.D

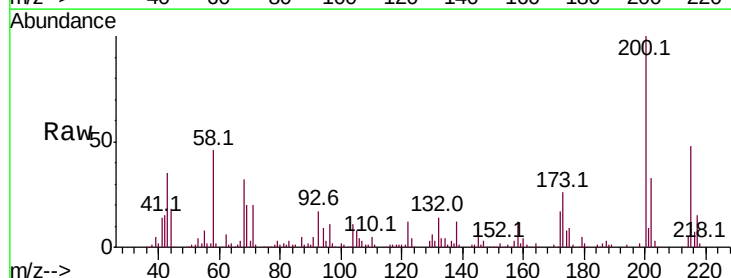
Acq: 29 Sep 2018 9:29

Tgt Ion:200 Resp: 153434
Ion Ratio Lower Upper

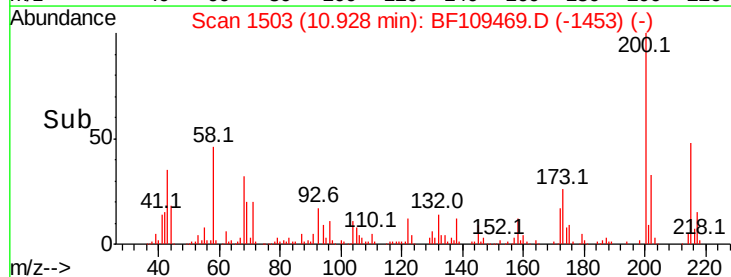
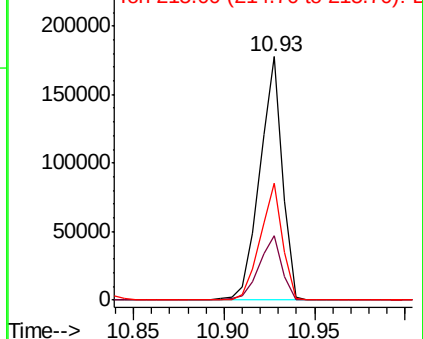
200 100

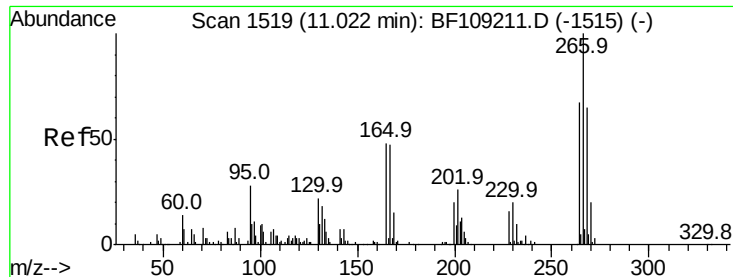
173 26.4 8.6 48.6

215 47.9 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





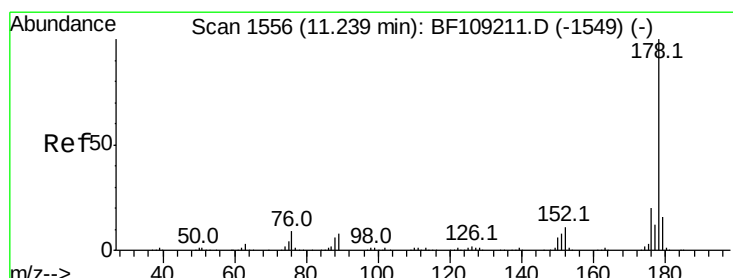
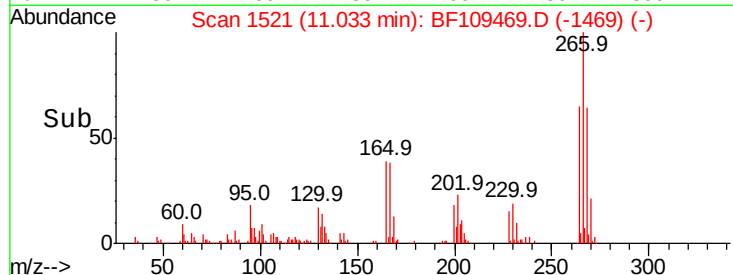
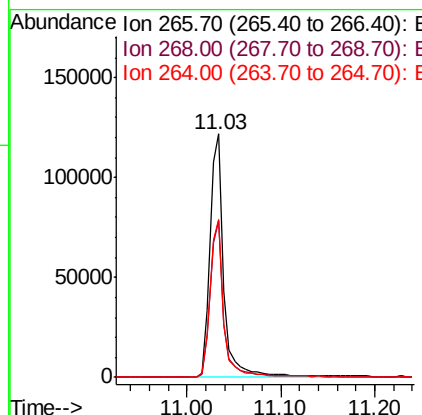
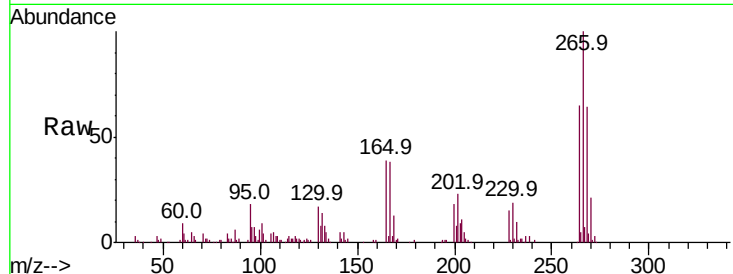
#69
 Pentachlorophenol
 Concen: 50.656 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127878		
268	64.2	51.1	76.7	
264	64.7	49.5	74.3	

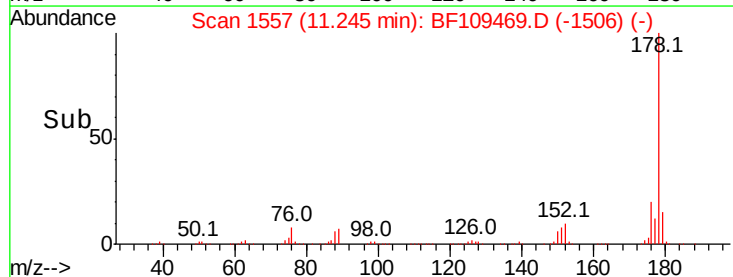
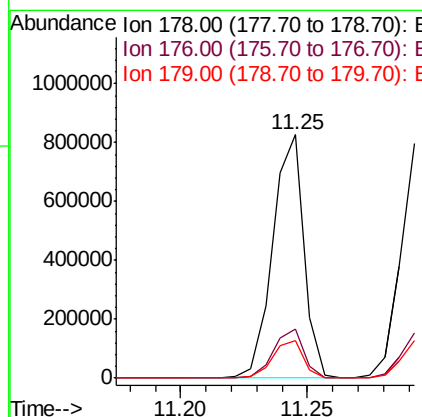
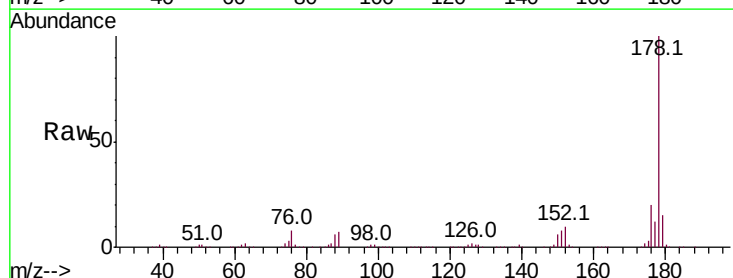
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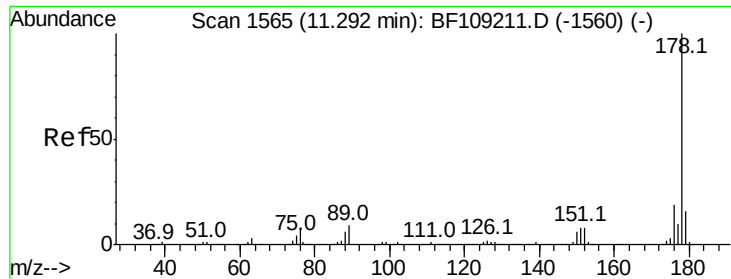
Sohil
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#70
 Phenanthrene
 Concen: 40.021 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	714639		
176	20.0	15.8	23.8	
179	15.4	13.0	19.6	





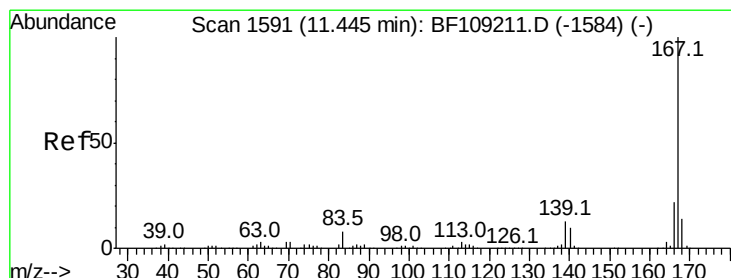
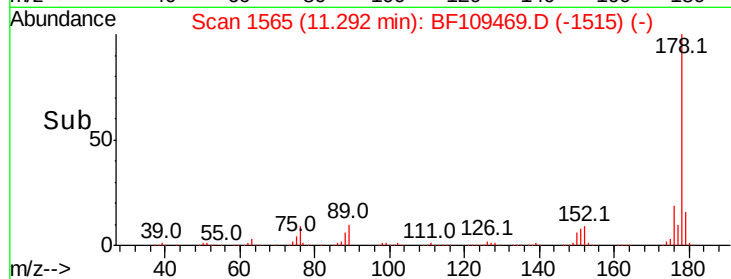
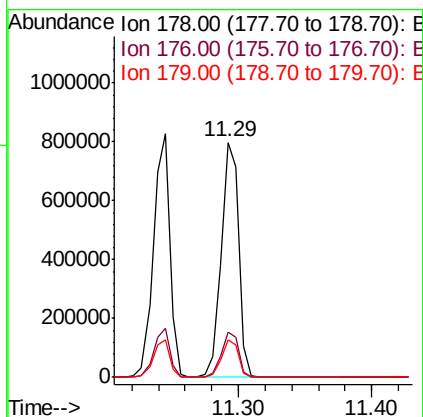
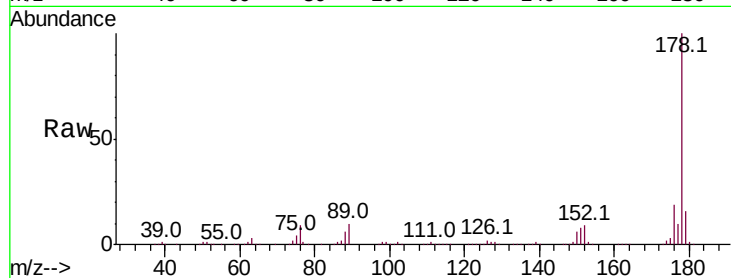
#71
 Anthracene
 Concen: 40.865 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleID :
 PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	740125		
176	19.2		15.4	23.2
179	16.1		12.6	19.0

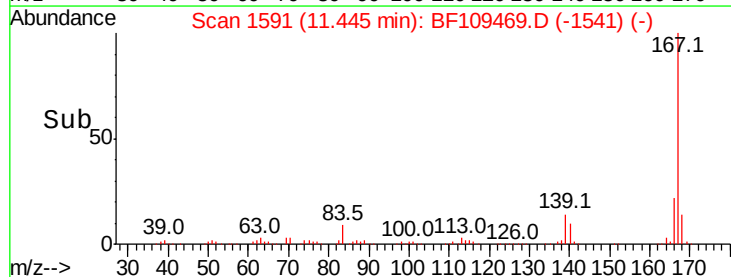
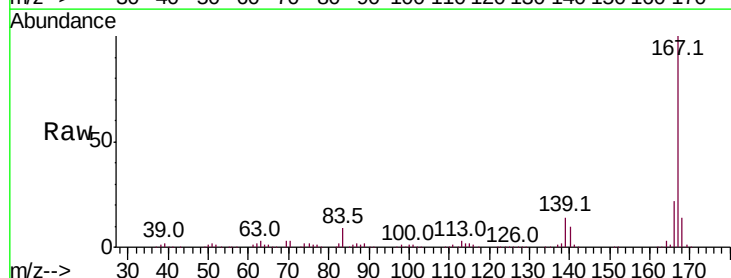
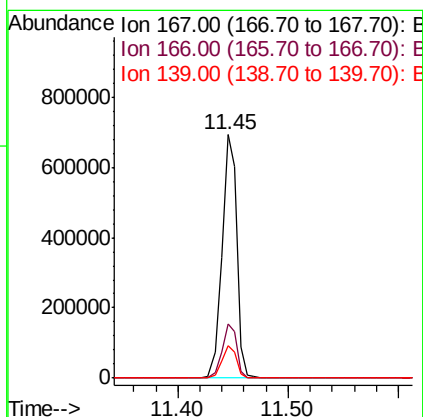
Manual Integrations
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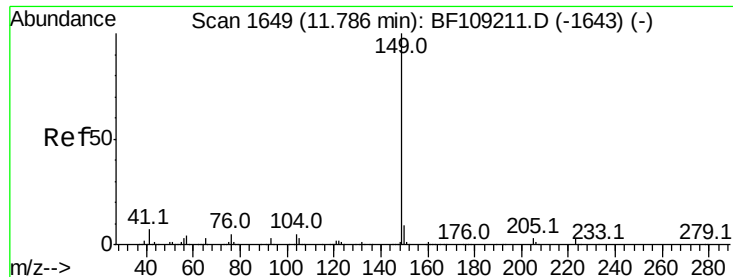
Sohil
 10/1/2018 9:57:37 AM



#72
 Carbazole
 Concen: 35.857 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	646136		
166	22.3		17.6	26.4
139	13.6		10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.386 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

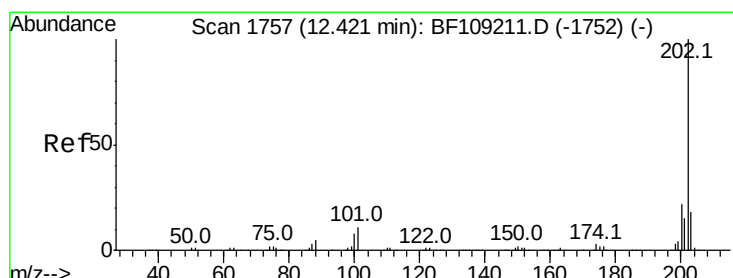
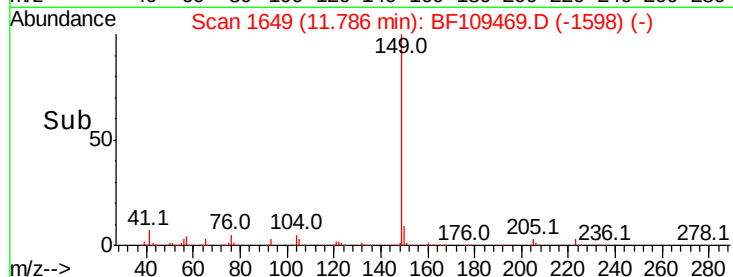
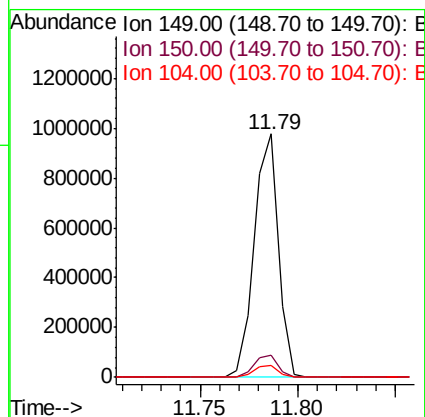
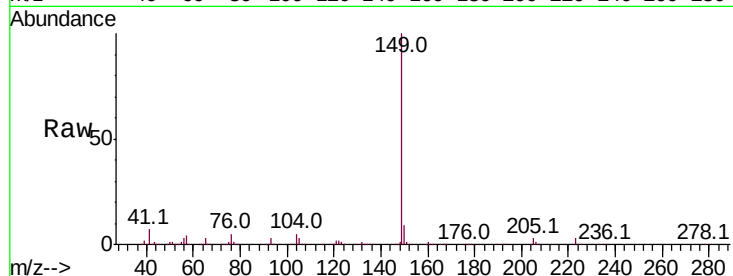
ClientSampleId :

PB113313BSD

Tot Ion:	149	Resp:	837786
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.897 ng

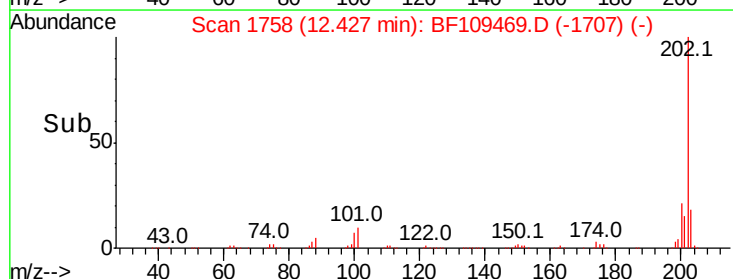
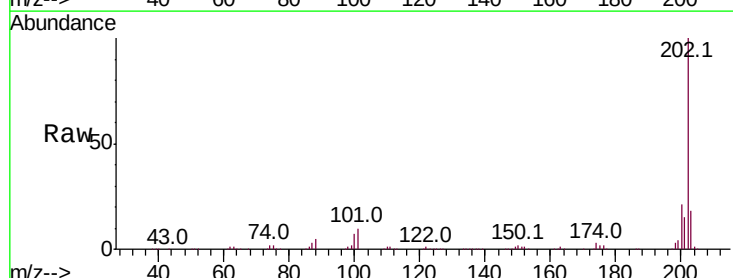
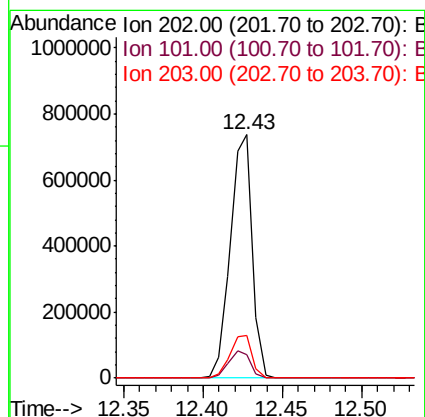
RT: 12.43 min Scan# 1758

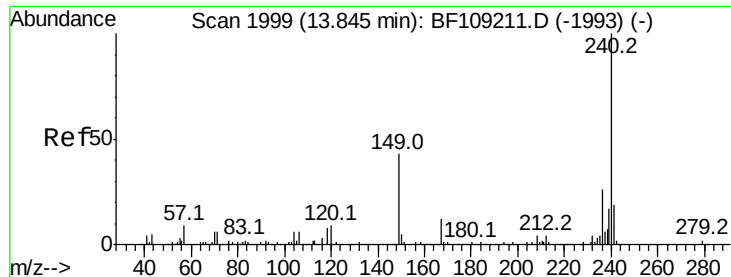
Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:	202	Resp:	704110
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

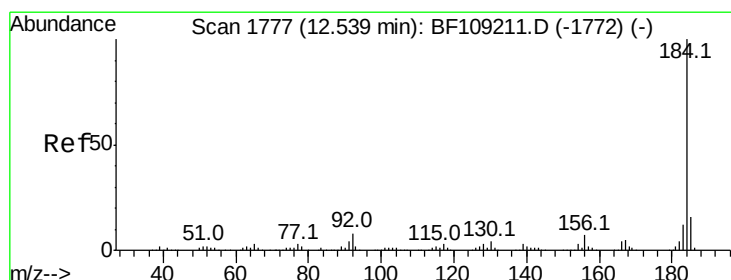
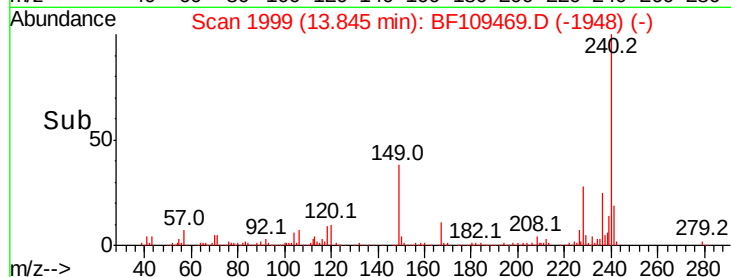
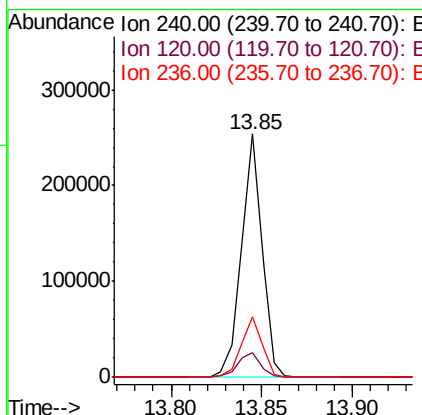
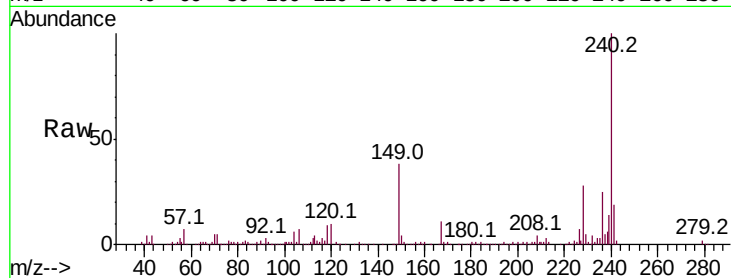
ClientSampleId :

PB113313BSD

Tot Ion:	240	Resp:	200664
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	24.6	20.7	31.1

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#76

Benzidine

Concen: 34.853 ng

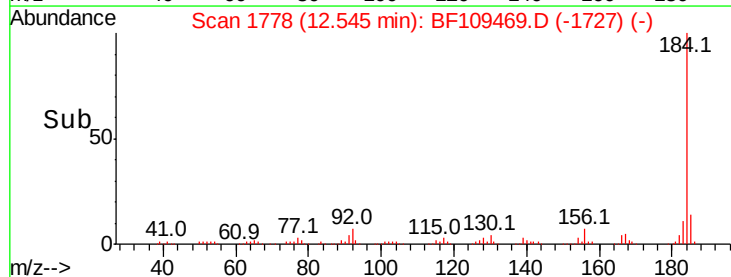
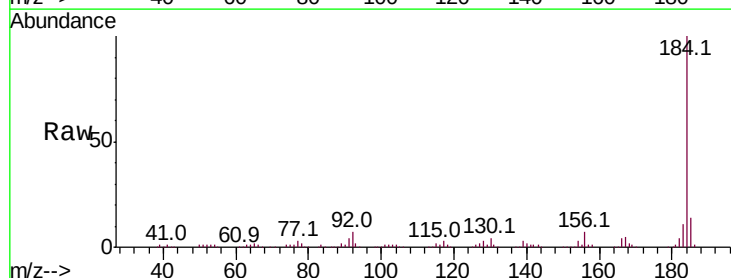
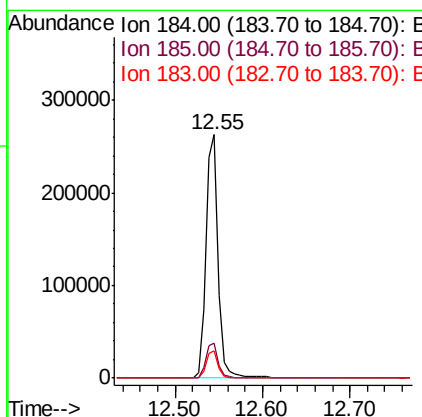
RT: 12.55 min Scan# 1778

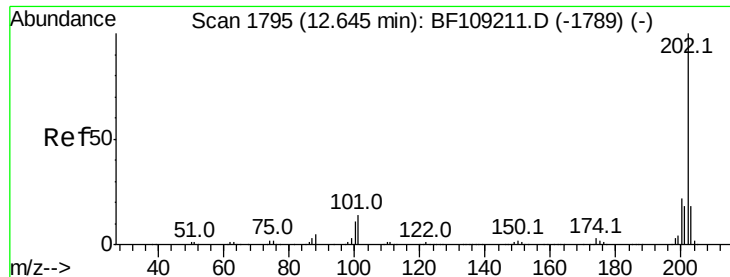
Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:	184	Resp:	252156
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.4	9.3	13.9





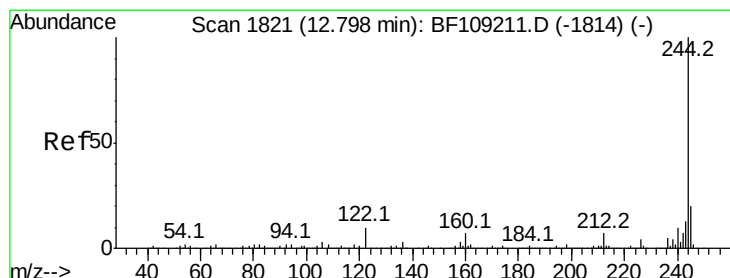
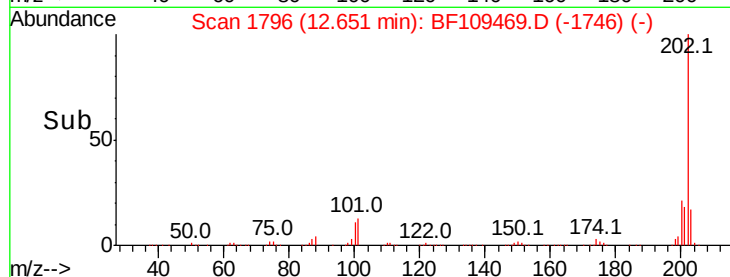
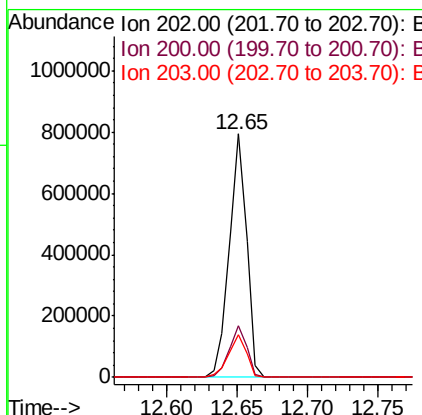
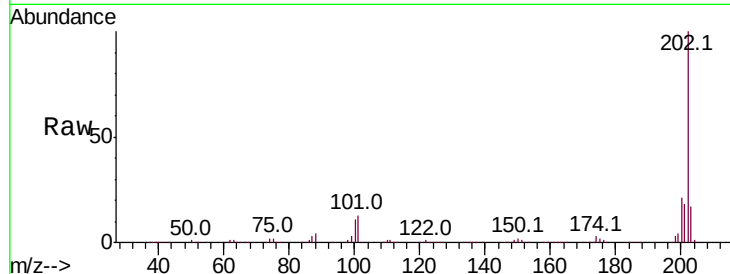
#77
Pvrene
Concen: 47.405 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	681747		
200	21.4		17.4	26.2
203	17.3		14.3	21.5

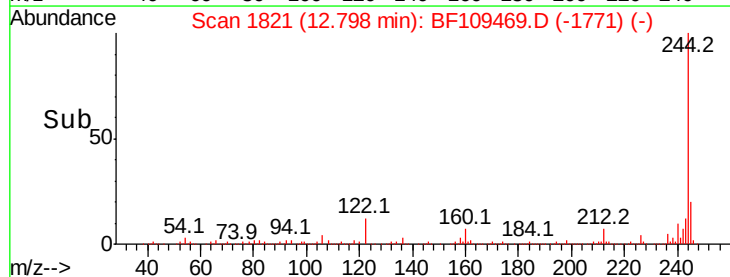
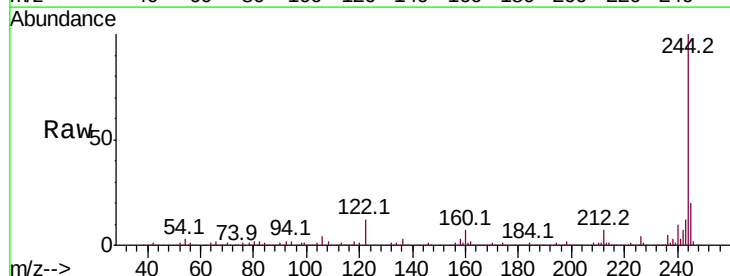
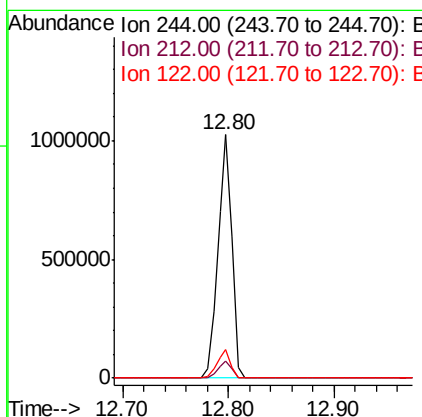
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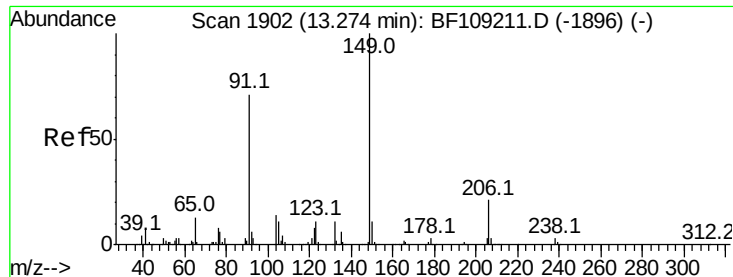
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#78
Terphenyl-d14
Concen: 116.730 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	954436		
212	7.1		5.4	8.0
122	11.7		11.0	16.4





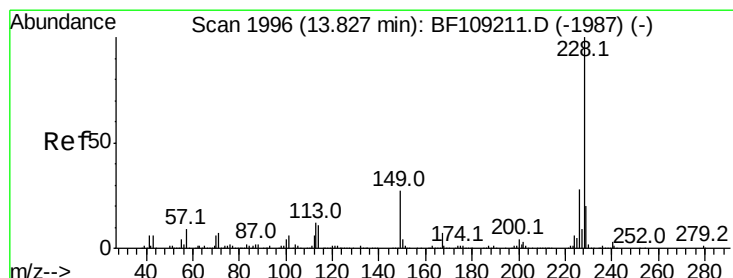
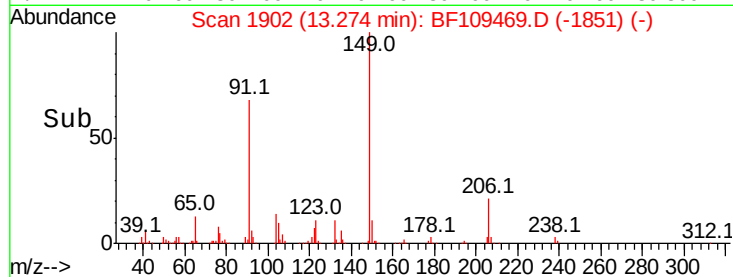
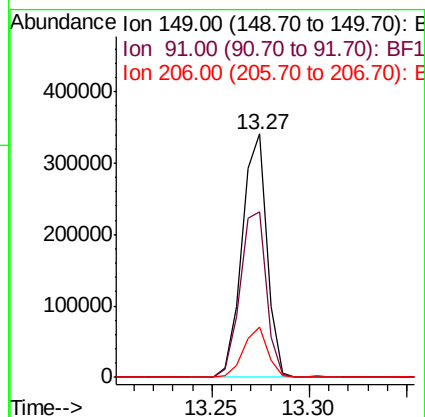
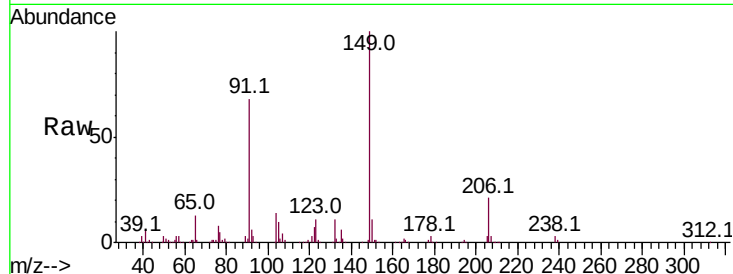
#79
Butylbenzylphthalate
Concen: 49.289 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	301566		
91	67.8	56.8	85.2	
206	20.6	14.1	21.1	

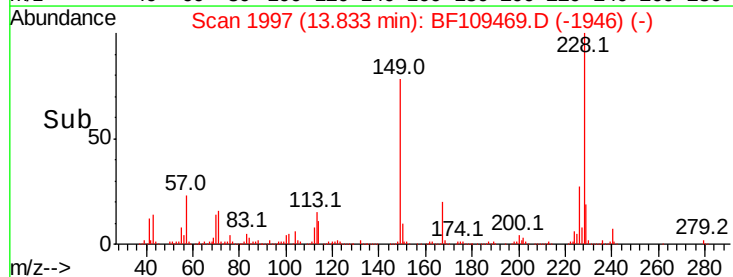
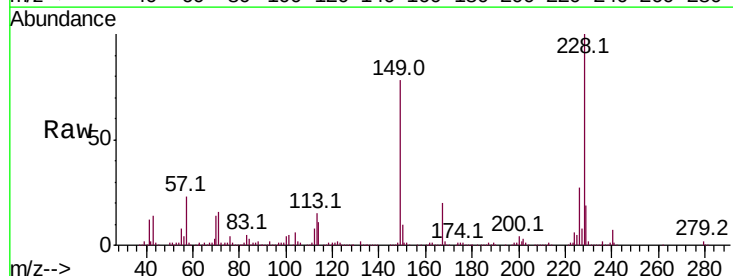
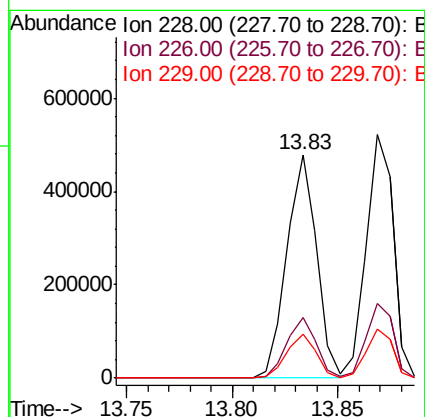
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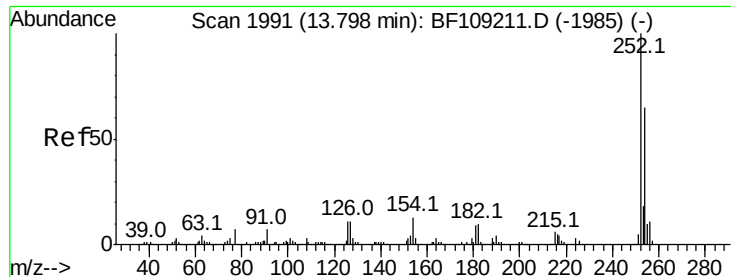
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#80
Benzo(a)anthracene
Concen: 39.103 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	472620		
226	27.1	22.6	33.8	
229	19.4	15.8	23.6	





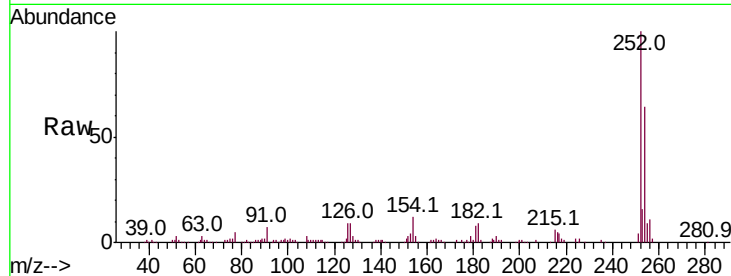
#81
 3,3'-Dichlorobenzidine
 Concen: 21.905 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

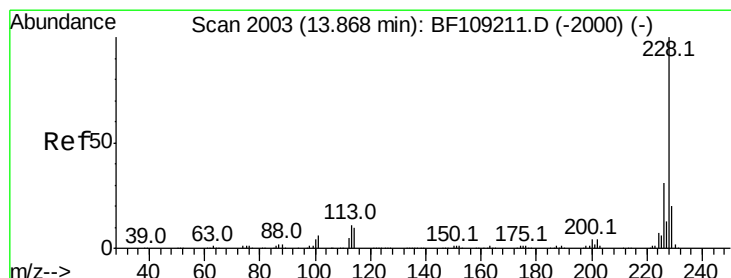
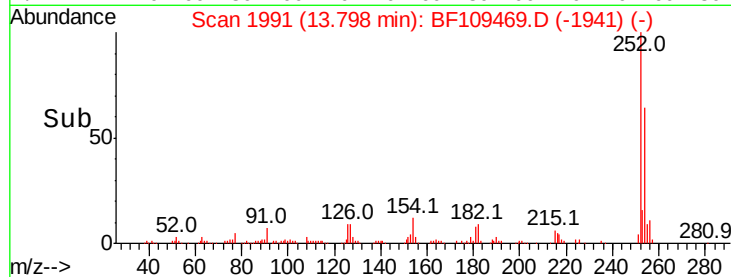
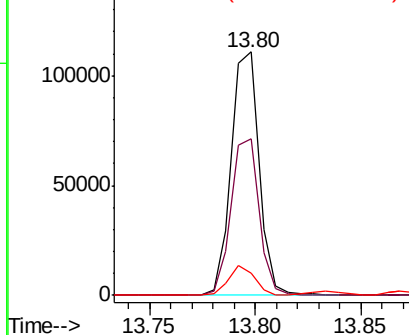
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	9.4	11.3	16.9

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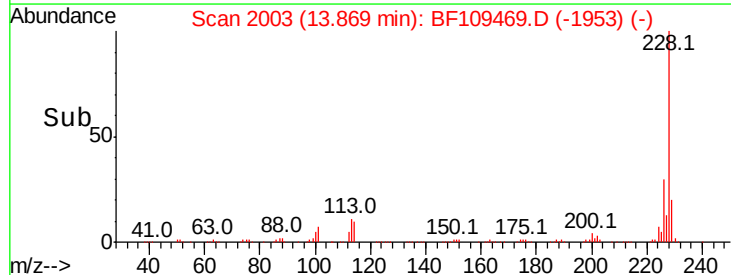
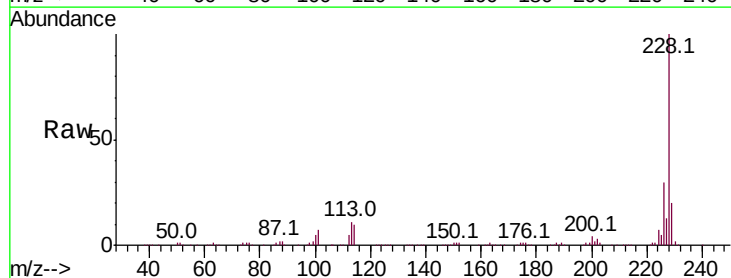
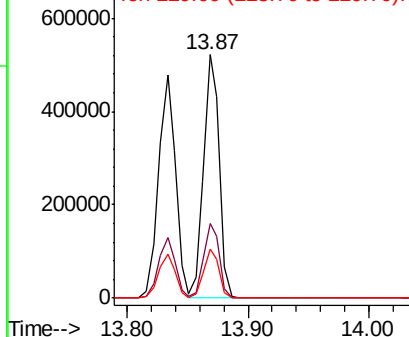
Abundance Ion 252.00 (251.70 to 252.70): E
 150000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

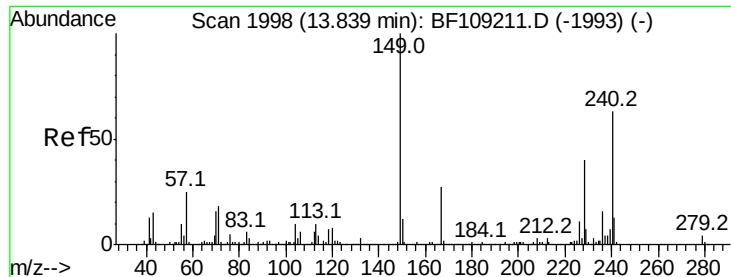


#82
 Chrysene
 Concen: 39.055 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.0	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: 45.782 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

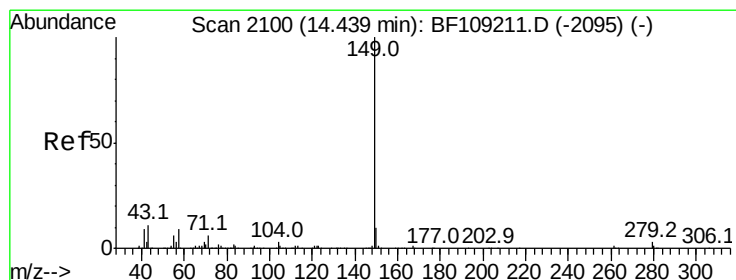
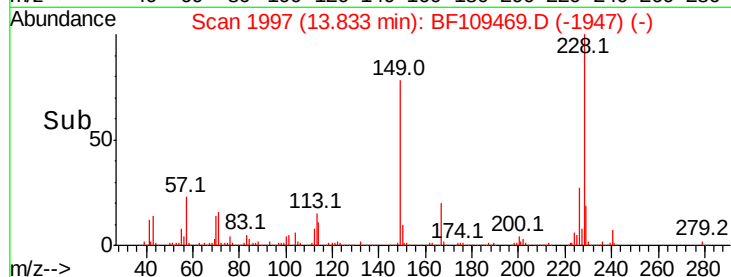
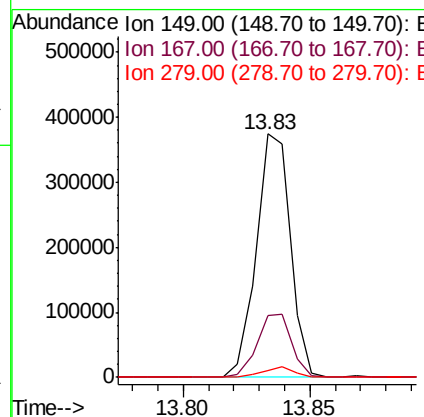
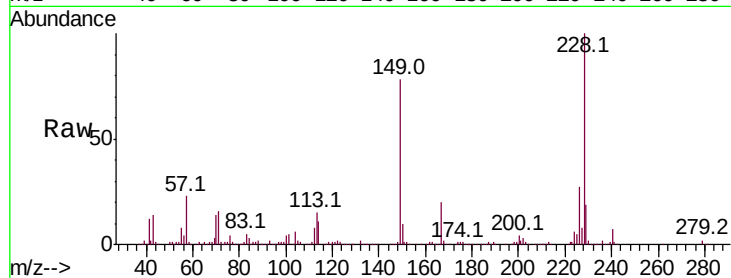
ClientSampleId :

PB113313BSD

Tot Ion:	149	Resp:	353266
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.342 ng

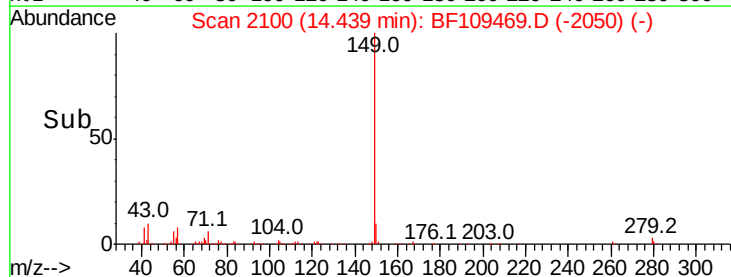
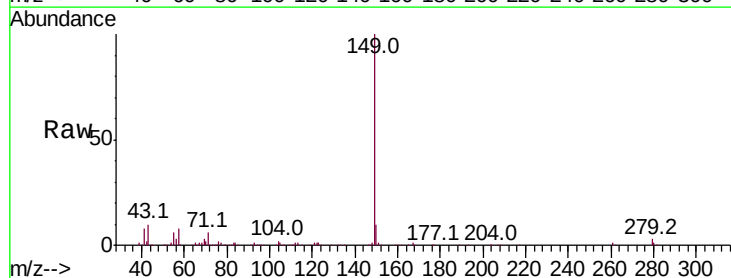
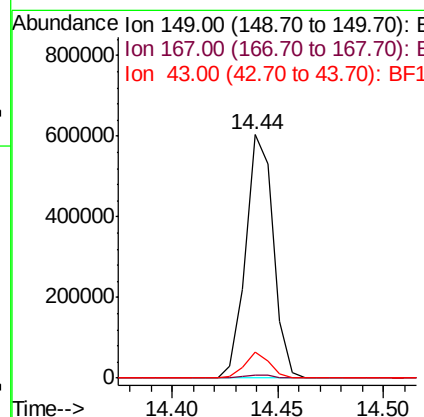
RT: 14.44 min Scan# 2100

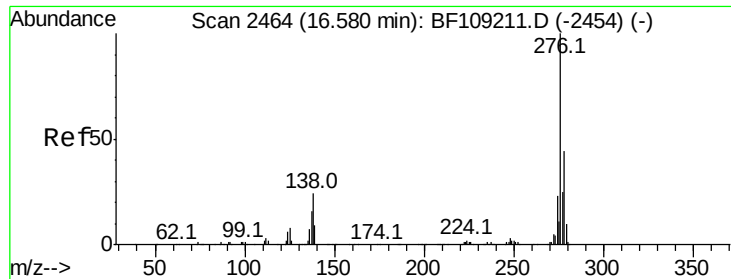
Delta R.T. -0.01 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion:	149	Resp:	545445
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





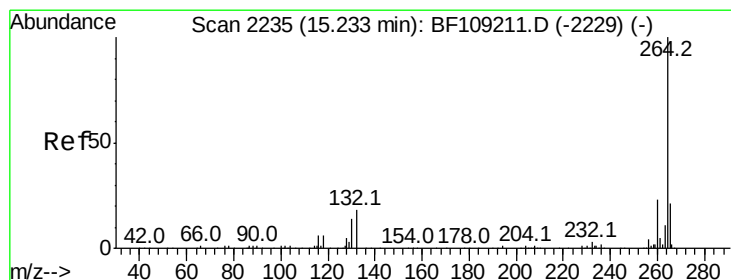
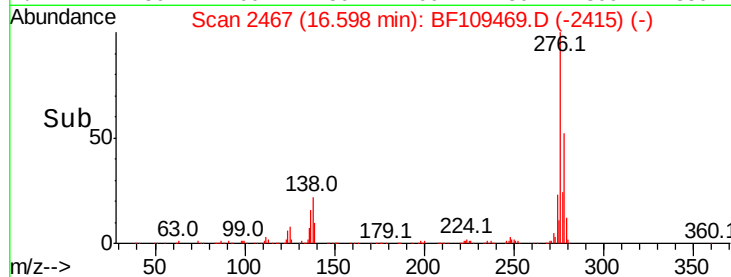
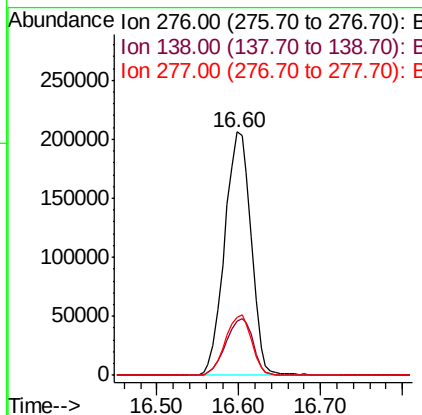
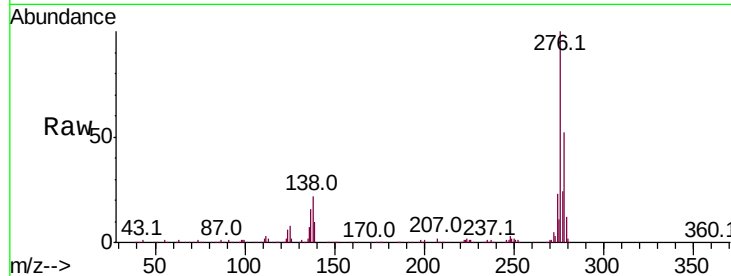
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.891 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleID :
 PB113313BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	24.7	20.1	30.1

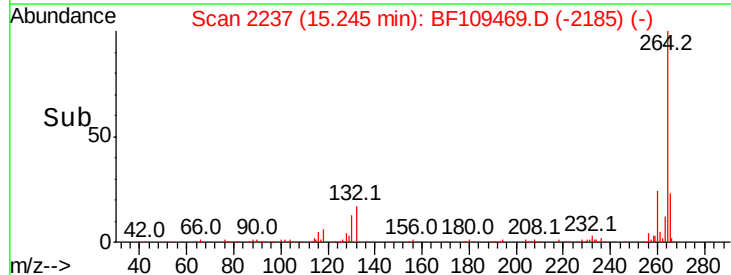
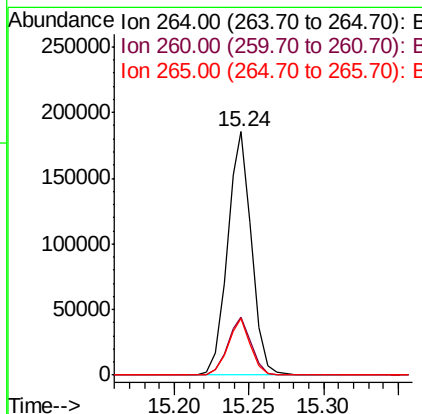
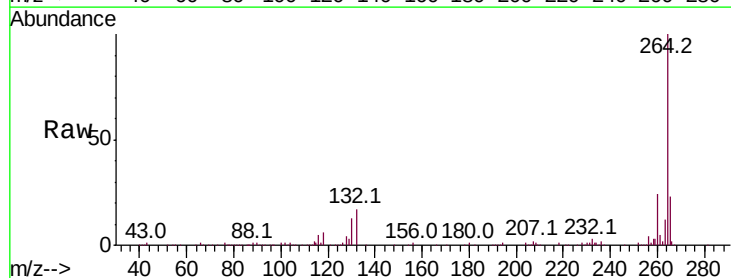
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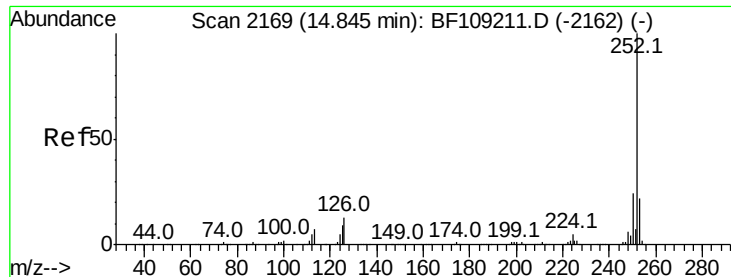
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.409 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Instrument :

BNA_F

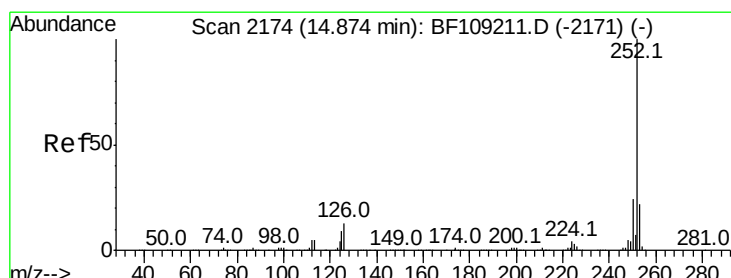
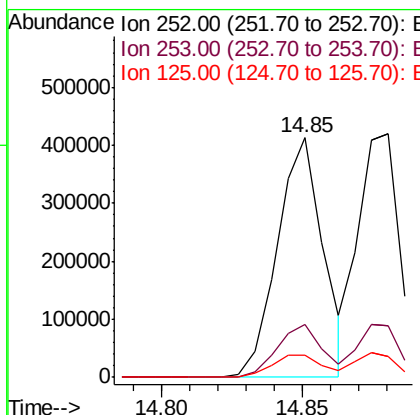
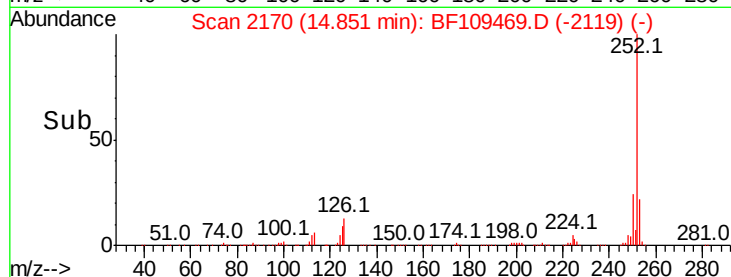
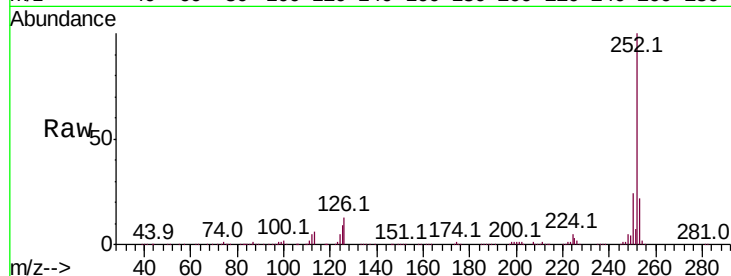
ClientSampleId :

PB113313BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.4	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.063 ng

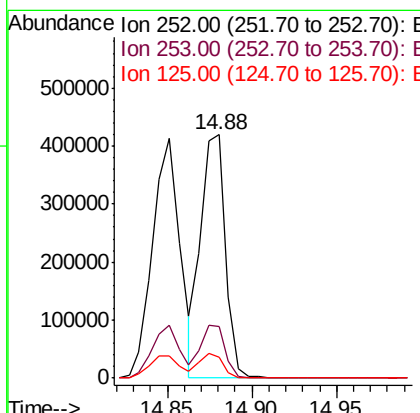
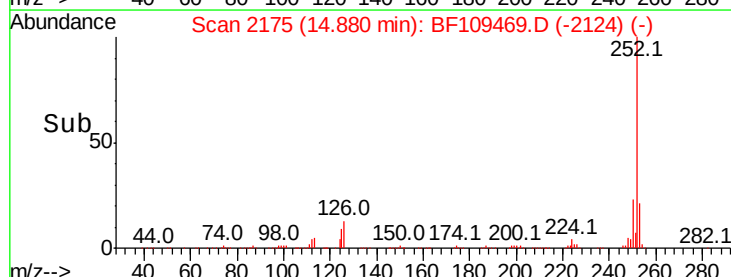
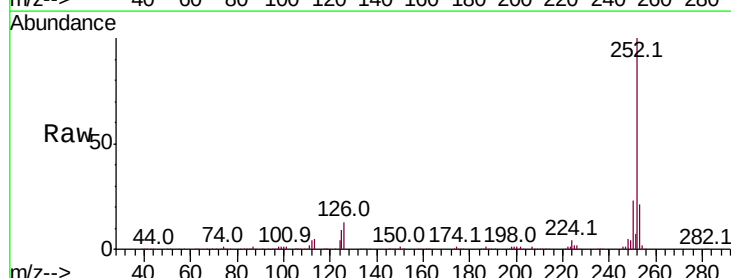
RT: 14.88 min Scan# 2175

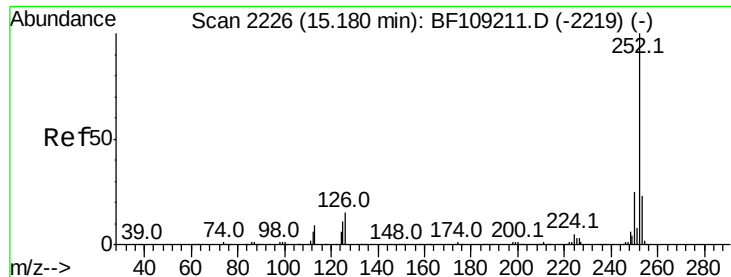
Delta R.T. 0.00 min

Lab File: BF109469.D

Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.6	10.2	15.2#





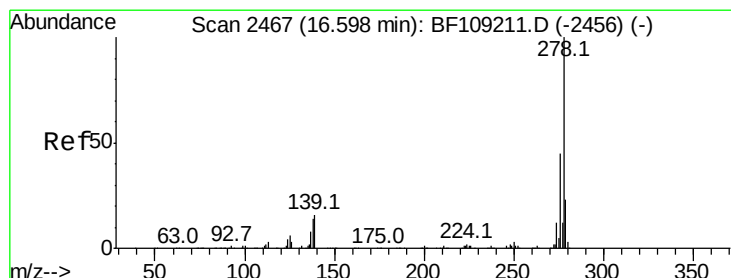
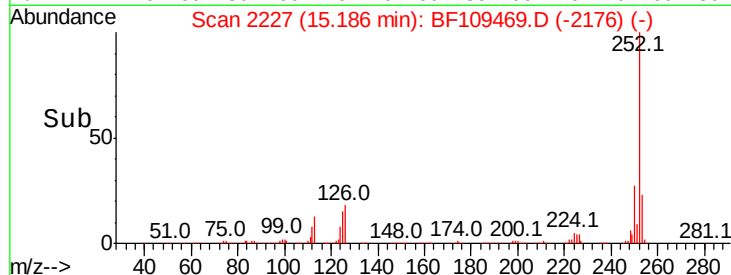
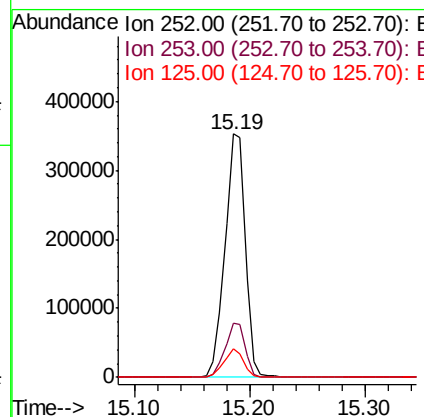
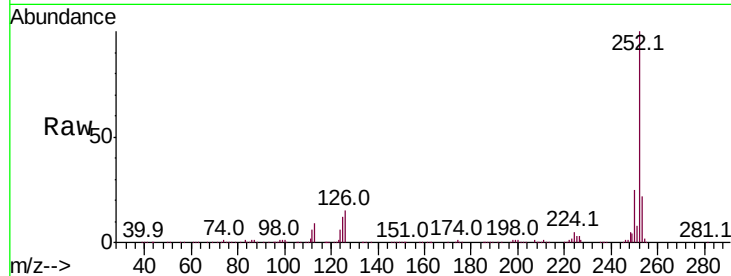
#89
Benzo(a)pyrene
Concen: 41.637 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Instrument :
BNA_F
ClientSampleId :
PB113313BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.7	9.8	14.6

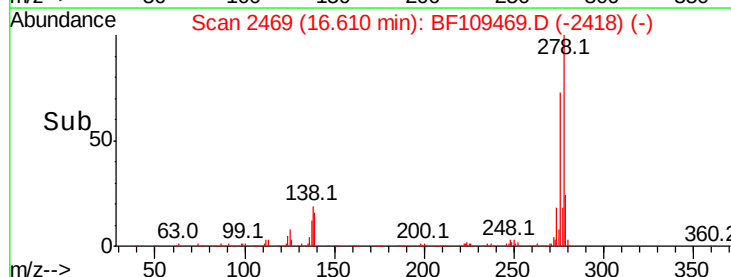
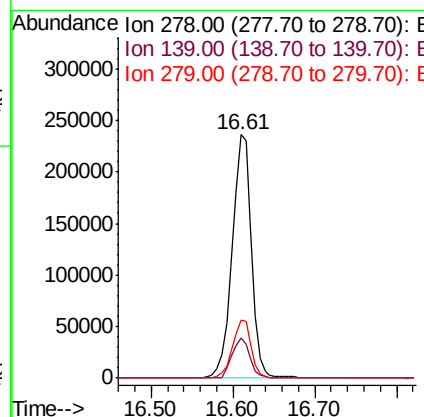
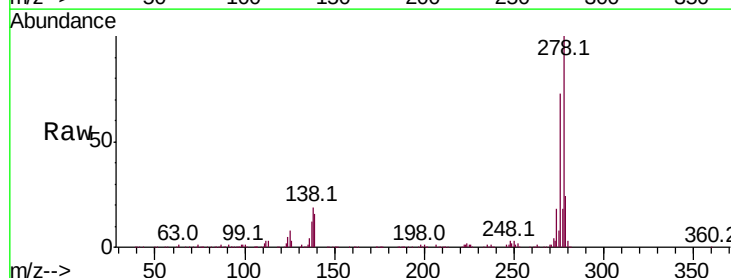
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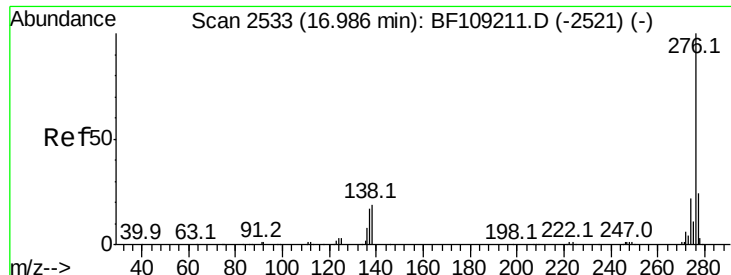
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.593 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109469.D
Acq: 29 Sep 2018 9:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.134 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF109469.D
 Acq: 29 Sep 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	17.9	26.9
138	20.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:37 AM

