

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109419.D
 Acq On : 28 Sep 2018 7:03
 Operator : JU/SJ
 Sample : PB113249BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Manual Integrations
 APPROVED

Sohil
 9/28/2018 2:40:38 PM

Quant Time: Sep 28 07:35:39 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	6.71	152	107831	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	406317	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188449	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	304979	20.00	ng	0.00
75) Chrysene-d12	13.85	240	212626	20.00	ng	0.00
86) Perylene-d12	15.24	264	196163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	628375	95.98	ng	0.01
7) Phenol-d6	6.35	99	805195	96.38	ng	0.00
23) Nitrobenzene-d5	7.27	82	750472	109.03	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	181540	97.72	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1319716	105.62	ng	0.00
78) Terphenyl-d14	12.80	244	993322	114.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	114655	38.026	ng	92
3) Pyridine	3.14	79	329210	42.422	ng	91
4) n-Nitrosodimethylamine	3.08	42	155632	47.125	ng	# 99
6) Aniline	6.37	93	376325	35.210	ng	# 33
8) 2-Chlorophenol	6.50	128	332934	45.731	ng	94
9) Benzaldehyde	6.25	77	198281	36.947	ng	99
10) Phenol	6.37	94	402882	42.585	ng	# 64
11) bis(2-Chloroethyl)ether	6.45	93	320050	43.234	ng	99
12) 1,3-Dichlorobenzene	6.65	146	363329	43.345	ng	99
13) 1,4-Dichlorobenzene	6.73	146	367071	43.468	ng	98
14) 1,2-Dichlorobenzene	6.88	146	337070	43.269	ng	99
15) Benzyl Alcohol	6.86	79	289586	45.287	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454209	43.256	ng	95
17) 2-Methylphenol	6.97	107	269569	45.761	ng	95
18) Hexachloroethane	7.22	117	124849	41.964	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	240430	43.922	ng	94
20) 3+4-Methylphenols	7.13	107	321313	45.178	ng	# 85
22) Acetophenone	7.12	105	459364	48.900	ng	# 96
24) Nitrobenzene	7.29	77	353436	48.293	ng	99
25) Isophorone	7.53	82	654984	52.844	ng	98
26) 2-Nitrophenol	7.61	139	165630	57.227	ng	97
27) 2,4-Dimethylphenol	7.65	122	299523	55.461	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	411045	50.098	ng	99
29) 2,4-Dichlorophenol	7.85	162	283644	49.988	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	293180	46.240	ng	98
31) Naphthalene	8.02	128	940321	49.524	ng	100
32) Benzoic acid	7.77	122	121376m	35.186	ng	
33) 4-Chloroaniline	8.06	127	254978	30.740	ng	97
34) Hexachlorobutadiene	8.13	225	178623	46.731	ng	100
35) Caprolactam	8.44	113	89990m	49.674	ng	
36) 4-Chloro-3-methylphenol	8.55	107	294452	49.314	ng	98
37) 2-Methylnaphthalene	8.70	142	634662	51.851	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	294063	49.031	ng	98
40) Hexachlorocyclopentadiene	8.86	237	110859	42.379	ng	97

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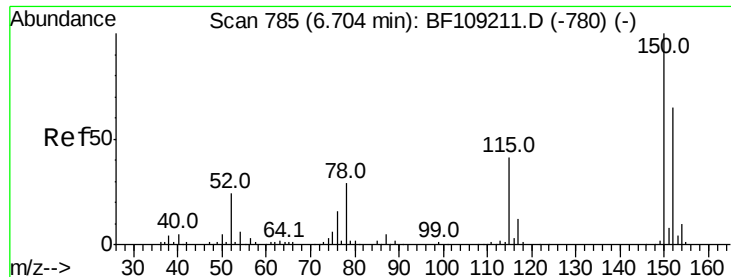
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	194208	50.454	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	205795	50.622	nq	95
45) 1,1'-Biphenyl	9.17	154	754928	49.168	nq	97
46) 2-Chloronaphthalene	9.19	162	575738	46.937	nq	98
47) 2-Nitroaniline	9.29	65	181980	52.328	nq	97
48) Acenaphthylene	9.60	152	916374	49.522	nq	100
49) Dimethylphthalate	9.47	163	710714	51.852	nq	100
50) 2,6-Dinitrotoluene	9.53	165	148652	54.760	nq	95
51) Acenaphthene	9.77	154	521027	46.572	nq	97
52) 3-Nitroaniline	9.69	138	123561	39.304	nq	97
53) 2,4-Dinitrophenol	9.80	184	36455	42.348	nq #	18
54) Dibenzofuran	9.95	168	783311	47.079	nq	97
55) 4-Nitrophenol	9.86	139	202874	85.665	nq	90
56) 2,4-Dinitrotoluene	9.93	165	182914	53.254	nq #	98
57) Fluorene	10.29	166	568556	47.893	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	152482	47.372	nq	91
59) Diethylphthalate	10.17	149	683877	49.271	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	281086	45.333	nq	93
61) 4-Nitroaniline	10.30	138	132433	43.196	nq	98
62) Azobenzene	10.44	77	654371	45.377	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	30170	27.879	nq	86
65) n-Nitrosodiphenylamine	10.40	169	557693	55.347	nq	96
66) 4-Bromophenyl-phenylether	10.77	248	183612	54.216	nq #	86
67) Hexachlorobenzene	10.84	284	178671	49.674	nq #	87
68) Atrazine	10.93	200	178728	57.673	nq	98
69) Pentachlorophenol	11.03	266	164026	76.193	nq	98
70) Phenanthrene	11.24	178	772240	50.713	nq	99
71) Anthracene	11.29	178	789828	51.139	nq	99
72) Carbazole	11.45	167	669687	43.580	nq	99
73) Di-n-butylphthalate	11.79	149	948220	53.601	nq	99
74) Fluoranthene	12.42	202	716669	44.040	nq	97
76) Benzidine	12.55	184	530646	69.219	nq	99
77) Pyrene	12.65	202	709457	46.557	nq	100
79) Butylbenzylphthalate	13.27	149	329767	50.866	nq	95
80) Benzo(a)anthracene	13.83	228	625478	48.838	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	251374	51.646	nq #	97
82) Chrysene	13.87	228	625836	49.303	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	414840	50.737	nq	100
84) Di-n-octyl phthalate	14.44	149	792731	56.705	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	472798	45.951	nq #	93
87) Benzo(b)fluoranthene	14.87	252	529933	49.163	nq	98
88) Benzo(k)fluoranthene	14.87	252	529933	51.810	nq	98
89) Benzo(a)pyrene	15.19	252	519241	53.459	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	402385	50.498	nq #	93
91) Benzo(g,h,i)perylene	17.00	276	384192	49.058	nq #	92

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



#1

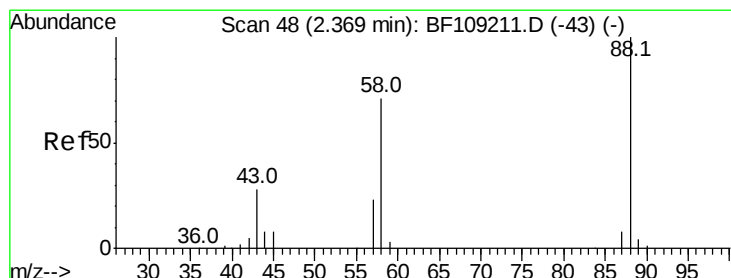
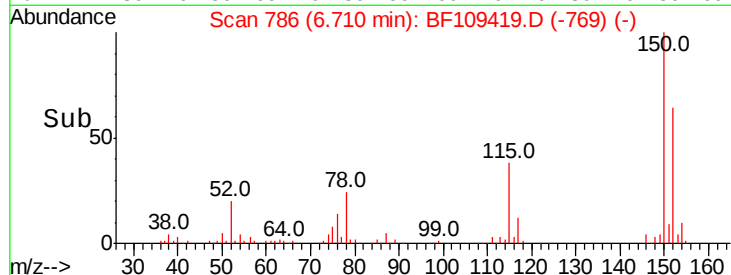
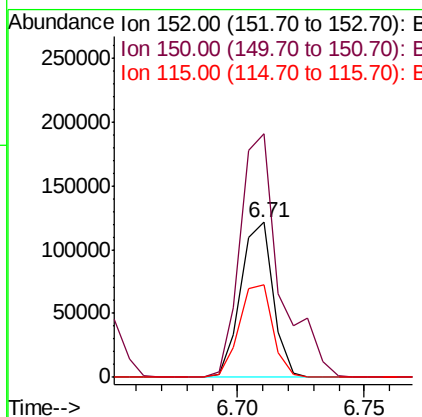
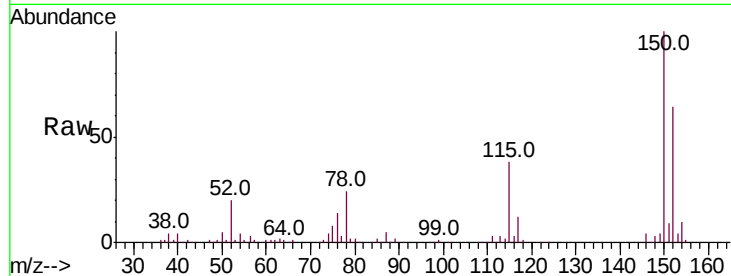
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
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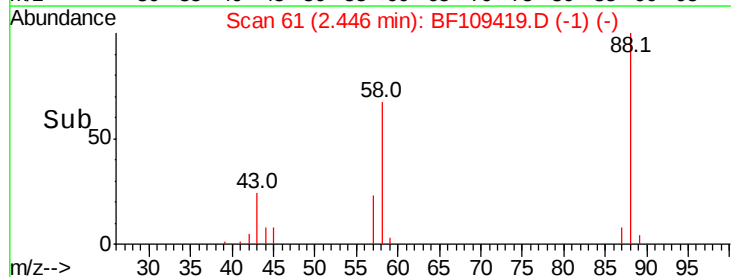
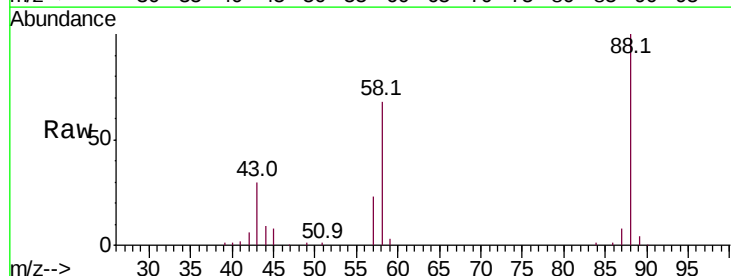
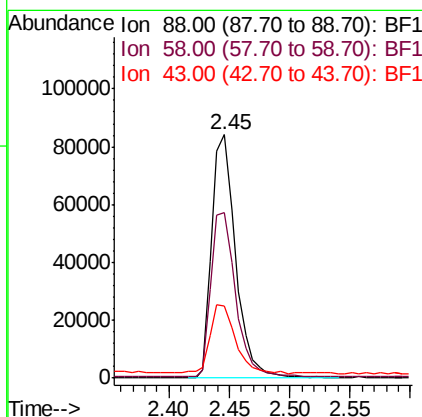
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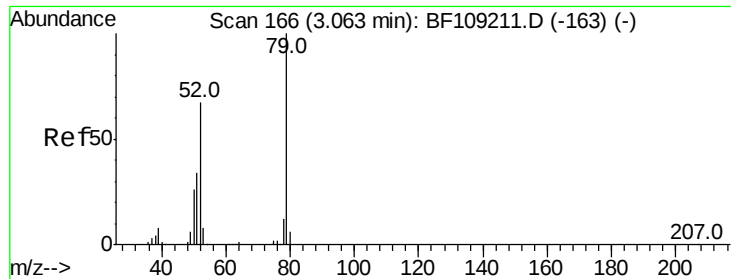


#2

1,4-Dioxane
Concen: 38.026 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.08 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	62.6	93.8
43	28.7	24.6	37.0





#3

Pvridine

Concen: 42.422 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.08 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

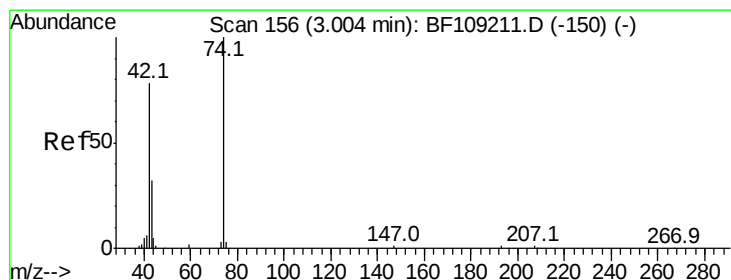
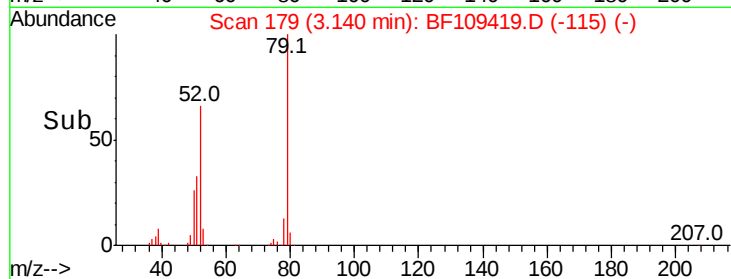
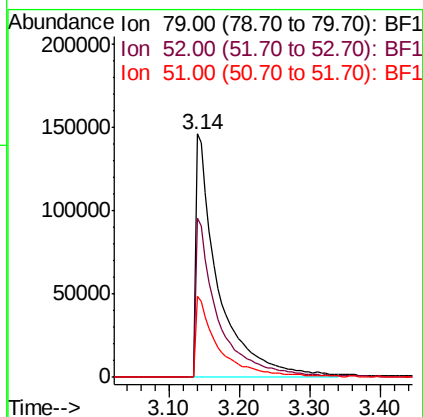
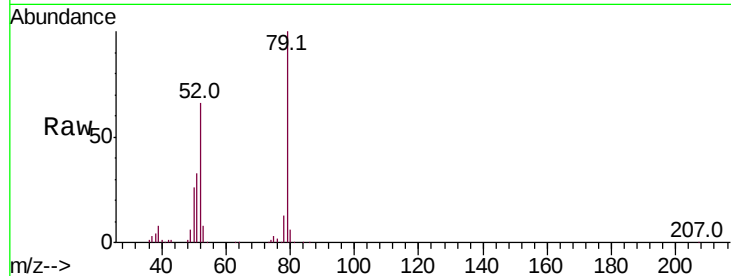
ClientSampleId :

PB113249BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 47.125 ng

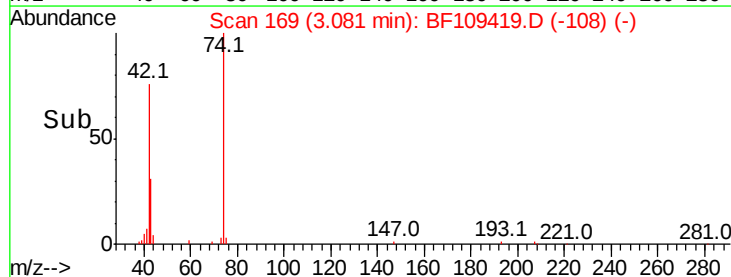
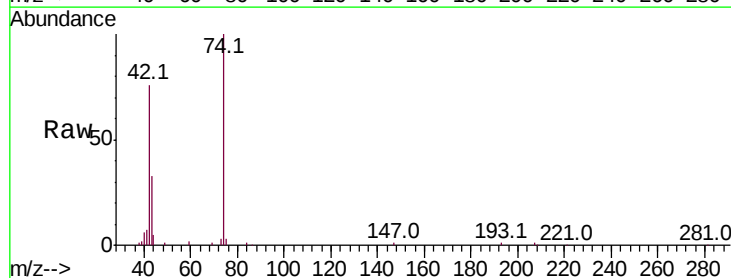
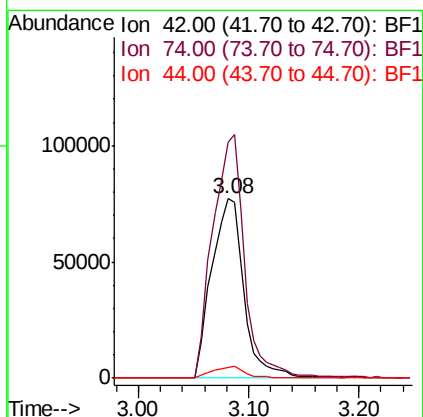
RT: 3.08 min Scan# 169

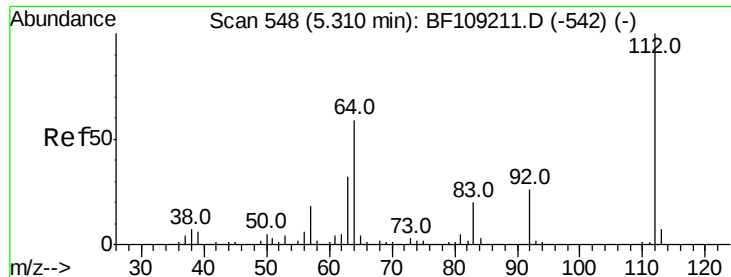
Delta R.T. 0.06 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.7	104.9	157.3
44	6.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 95.982 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

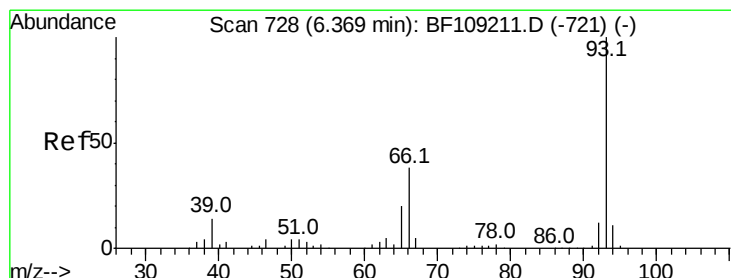
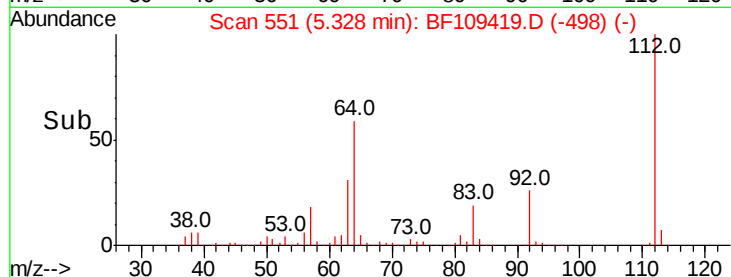
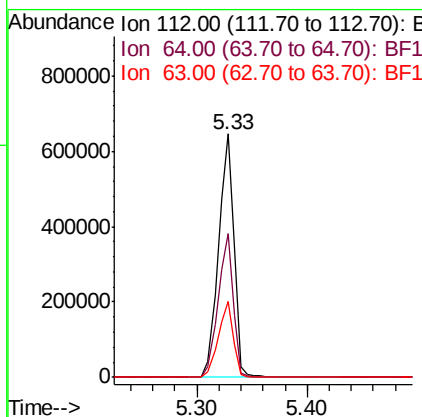
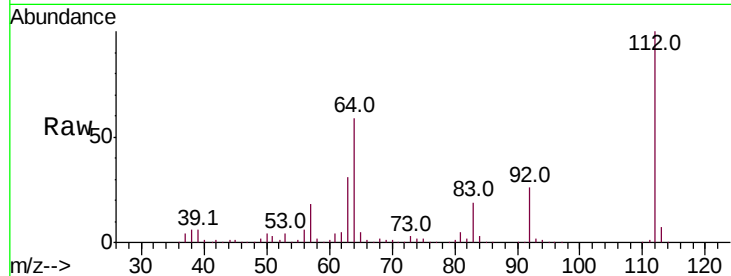
ClientSampleId :

PB113249BSD

Tot Ion:	112	Resp:	628375
Ion Ratio	Lower	Upper	
112	100		
64	59.3	47.9	71.9
63	31.2	23.7	35.5

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#6

Aniline

Concen: 35.210 ng

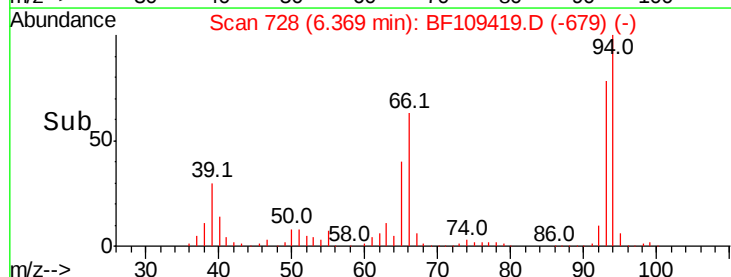
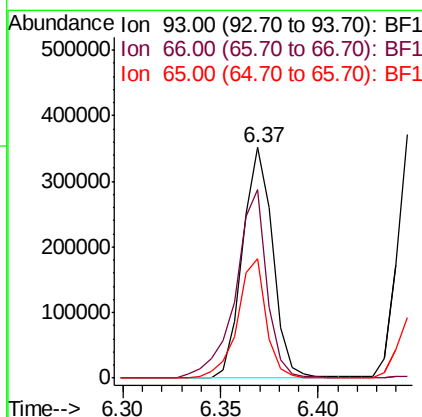
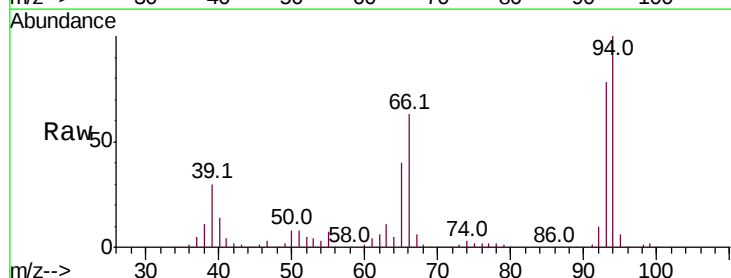
RT: 6.37 min Scan# 728

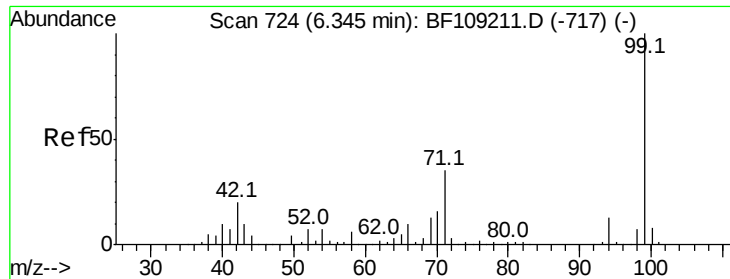
Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	93	Resp:	376325
Ion Ratio	Lower	Upper	
93	100		
66	81.8	32.2	48.2#
65	51.9	16.4	24.6#





#7

Phenol-d6

Concen: 96.385 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

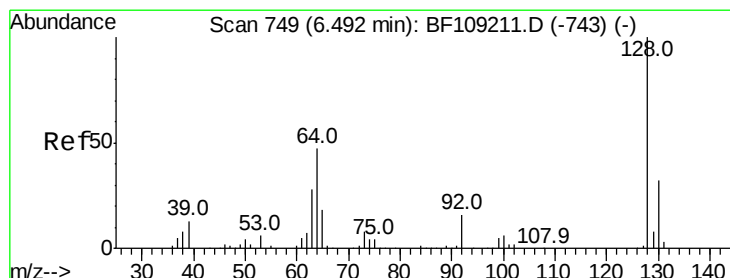
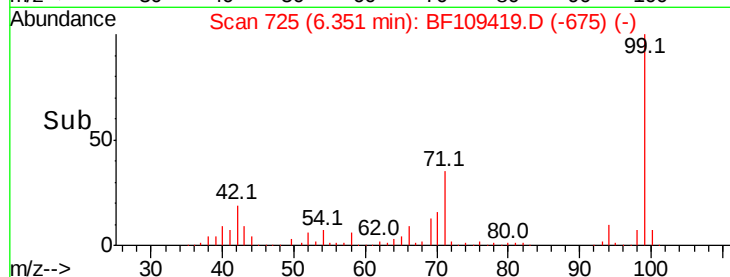
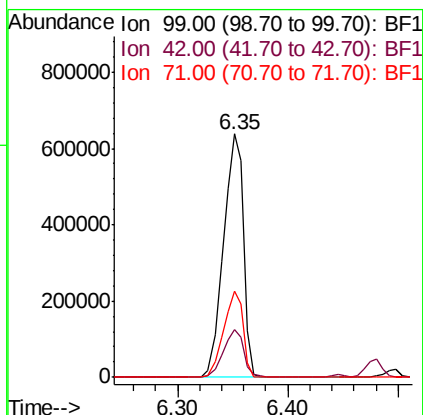
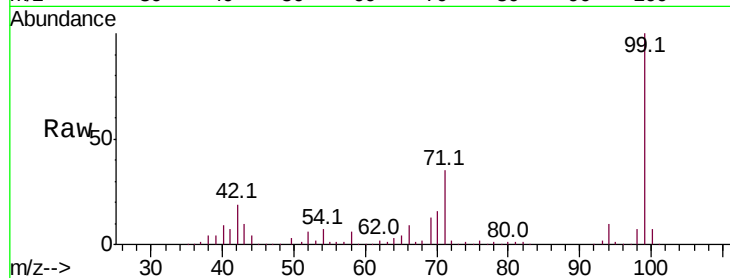
ClientSampleId :

PB113249BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		805195		
42	19.4	14.5	21.7		
71	35.3	25.4	38.0		

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#8

2-Chlorophenol

Concen: 45.731 ng

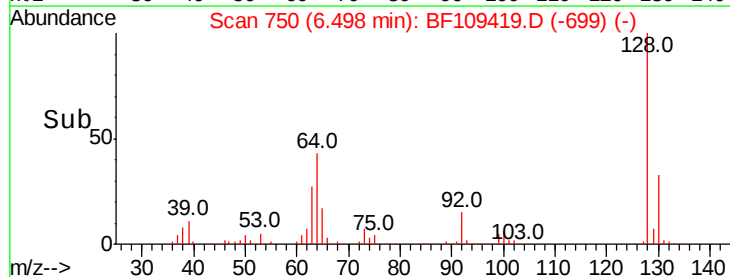
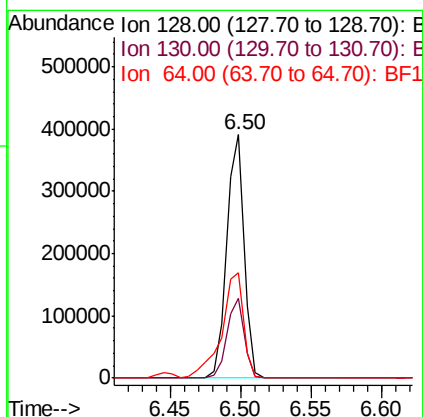
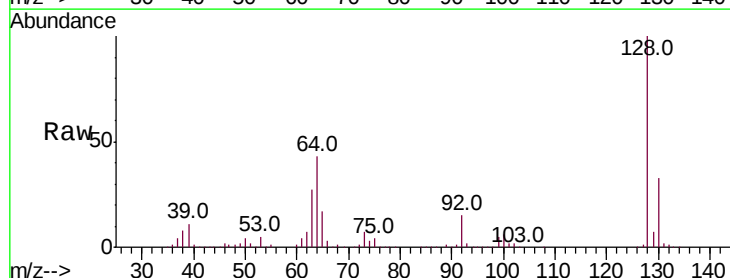
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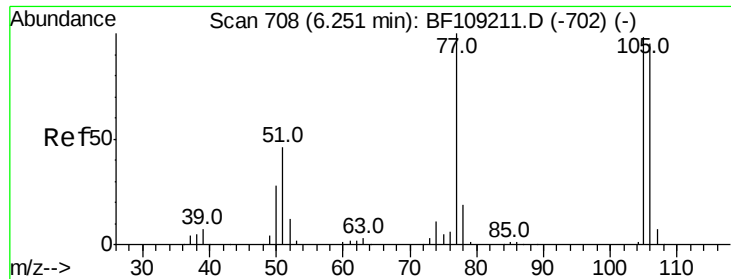
Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		332934		
130	32.6	13.0	53.0		
64	43.0	29.4	69.4		





#9

Benzaldehyde

Concen: 36.947 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

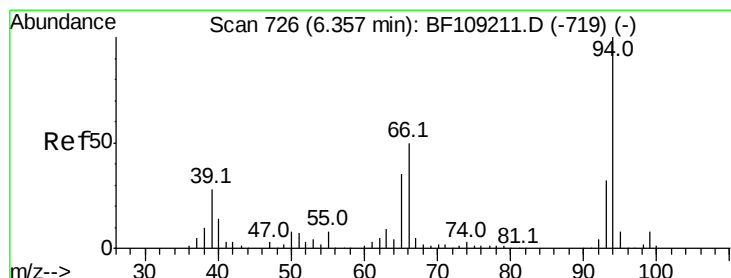
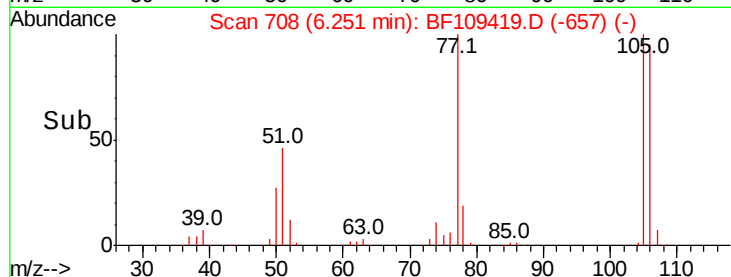
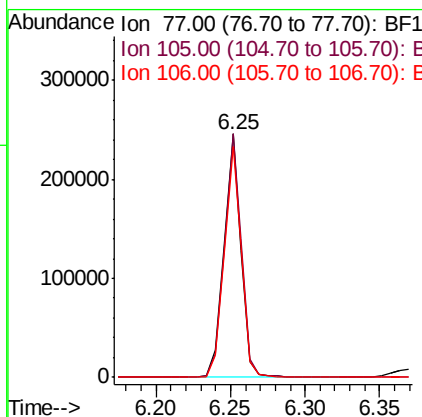
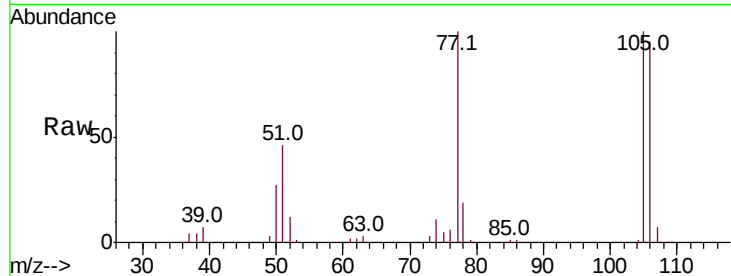
ClientSampleId :

PB113249BSD

Tot Ion:	77	Resp:	198281
Ion Ratio	Lower	Upper	
77	100		
105	99.9	81.1	121.1
106	94.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.585 ng

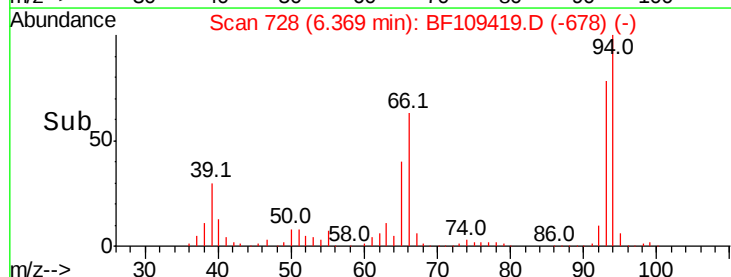
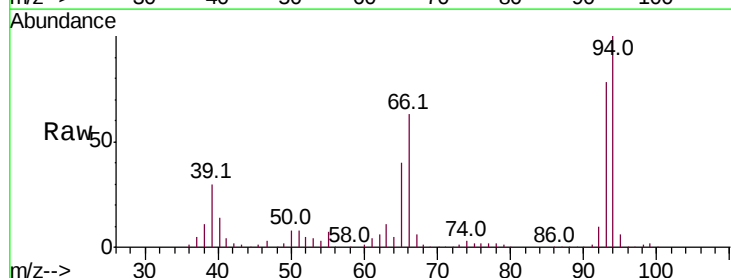
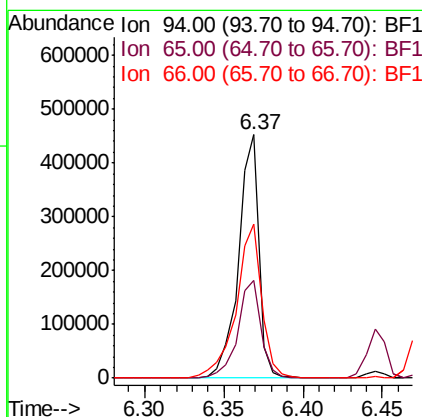
RT: 6.37 min Scan# 728

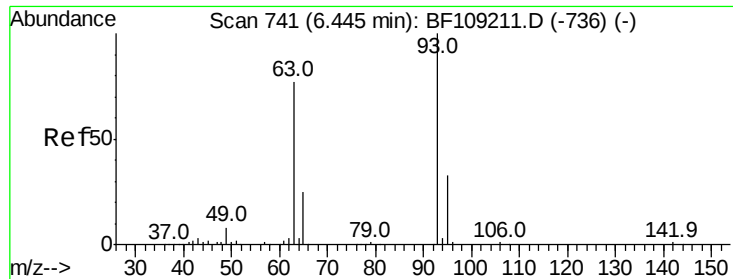
Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	94	Resp:	402882
Ion Ratio	Lower	Upper	
94	100		
65	40.3	7.9	47.9
66	63.5	16.2	56.2#





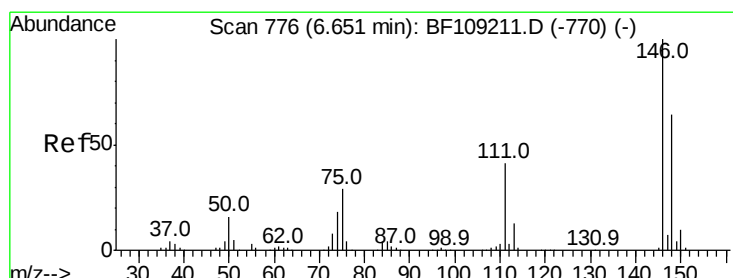
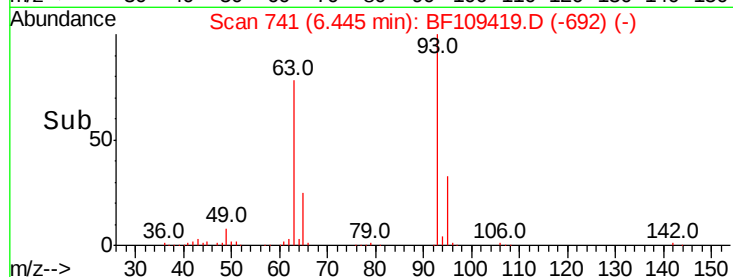
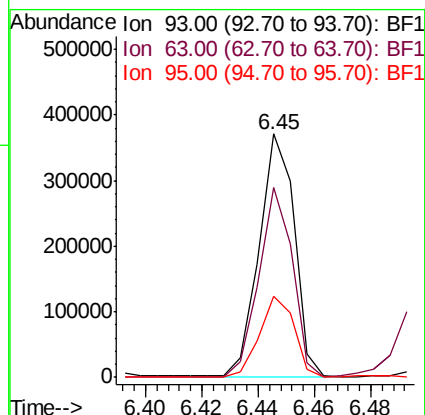
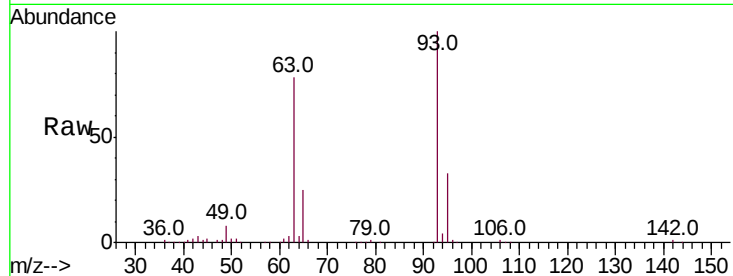
#11
bis(2-Chloroethyl)ether
Concen: 43.234 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.1	58.6	98.6	
95	33.2	11.8	51.8	

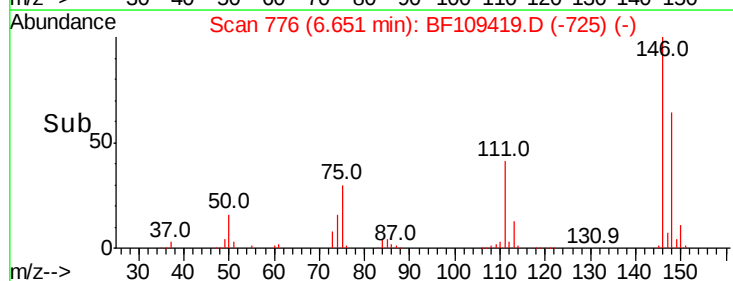
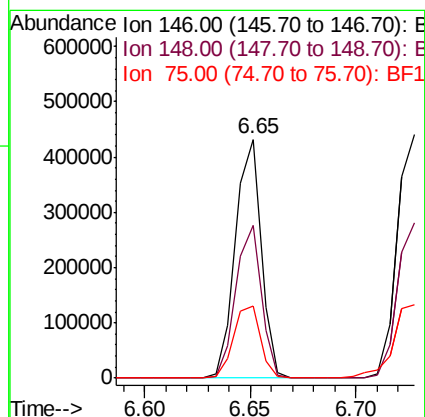
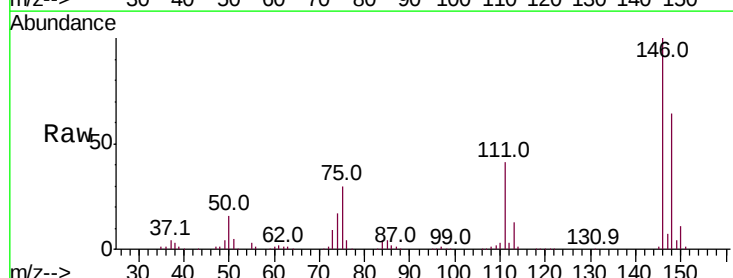
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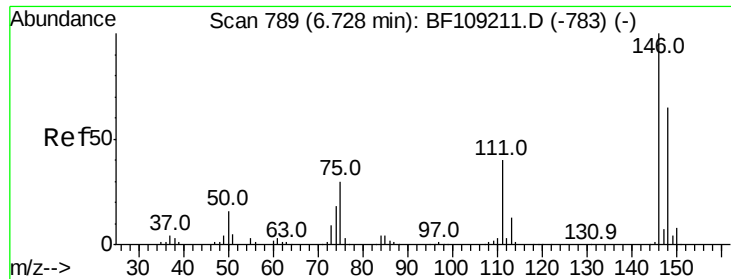
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.345 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.2	51.8	77.8	
75	29.9	24.2	36.4	





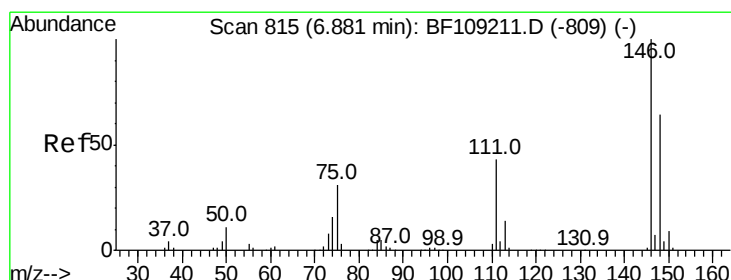
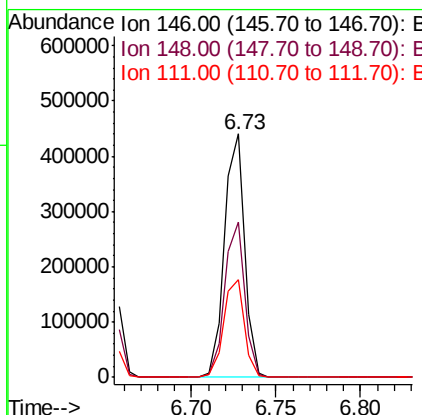
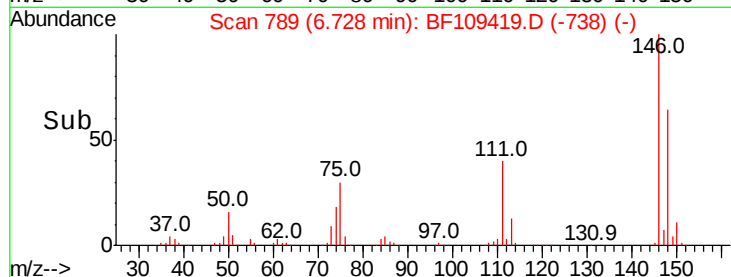
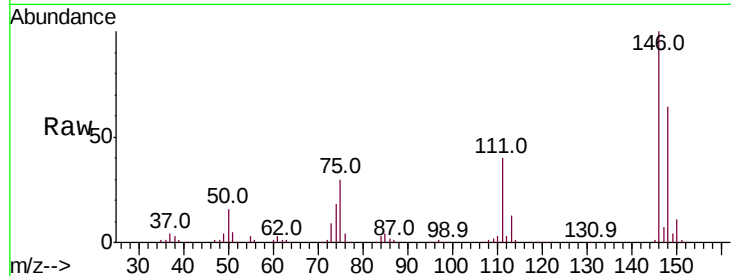
#13
 1,4-Dichlorobenzene
 Concen: 43.468 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	40.0	34.2	51.2

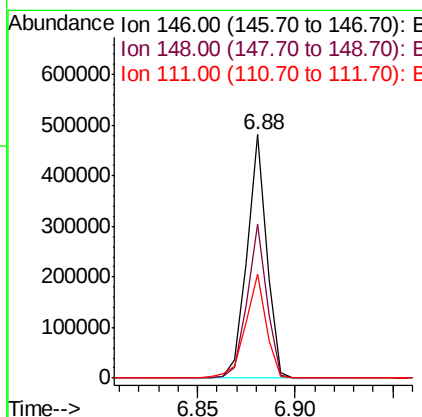
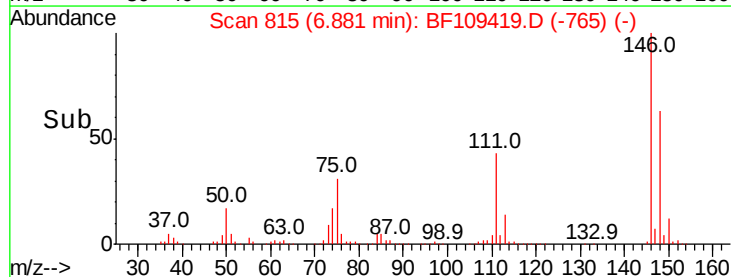
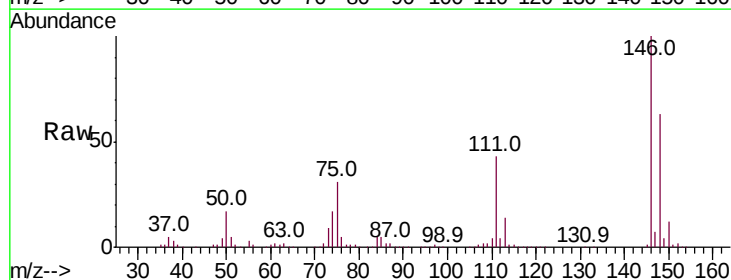
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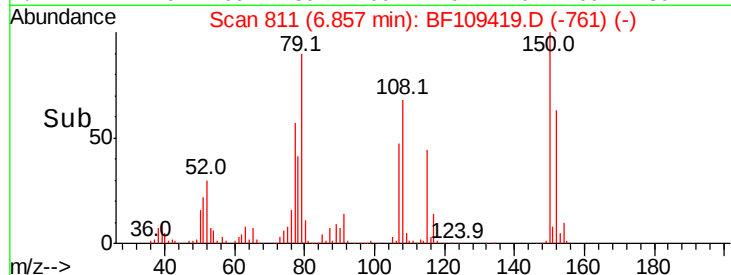
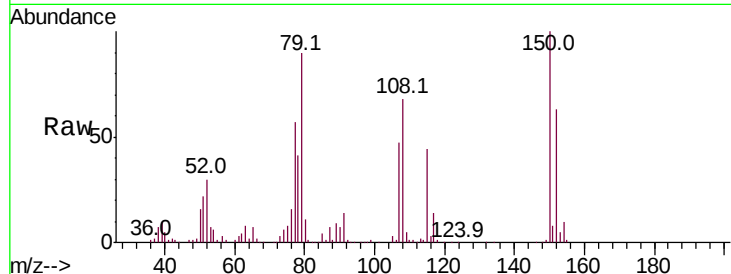
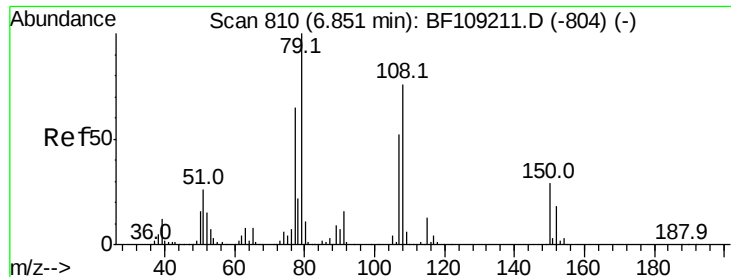
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#14
 1,2-Dichlorobenzene
 Concen: 43.269 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	42.7	36.0	54.0





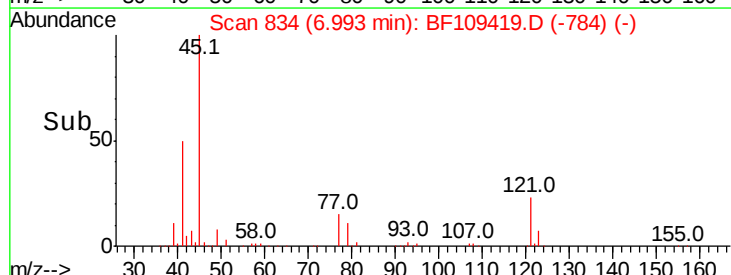
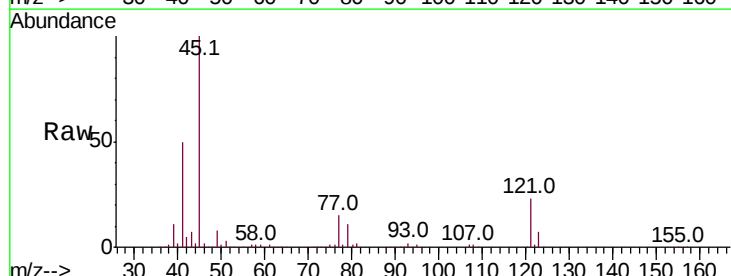
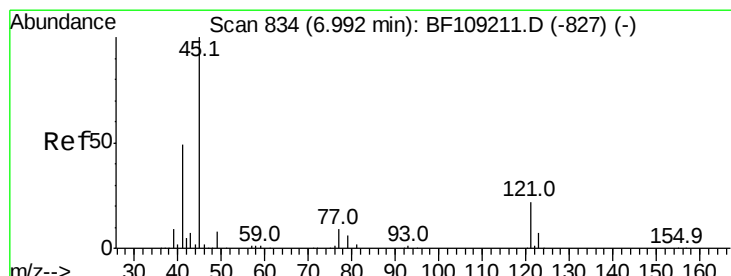
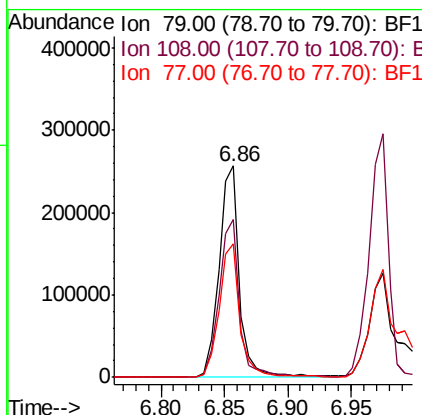
#15
Benzyl Alcohol
Concen: 45.287 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tot Ion:	79	Resp:	289586
Ion Ratio	Lower	Upper	
79	100		
108	74.7	65.1	97.7
77	63.5	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

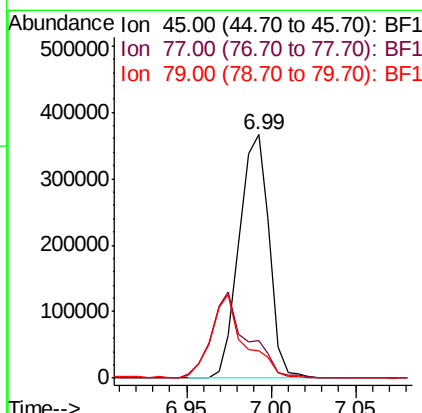
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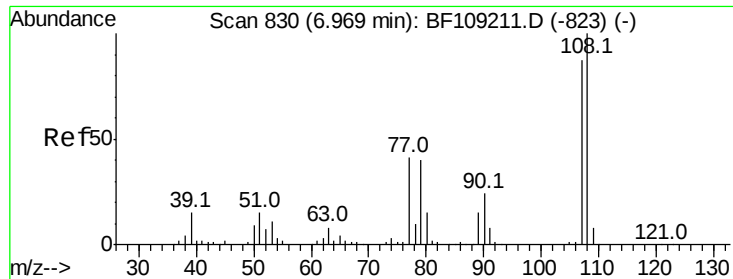
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.256 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion:	45	Resp:	454209
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.9
79	11.3	0.0	29.6





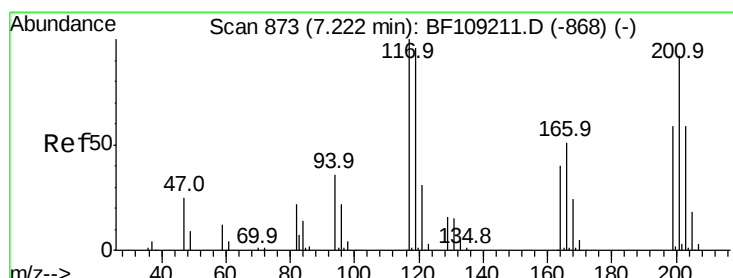
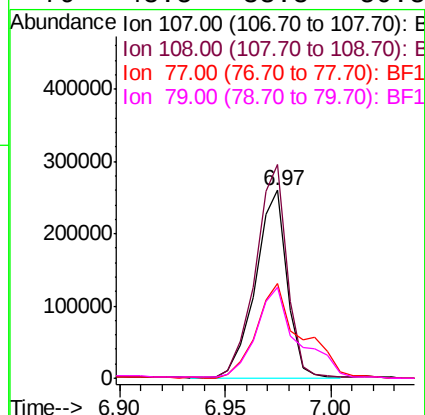
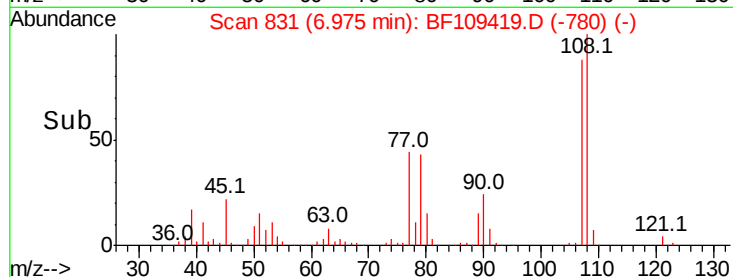
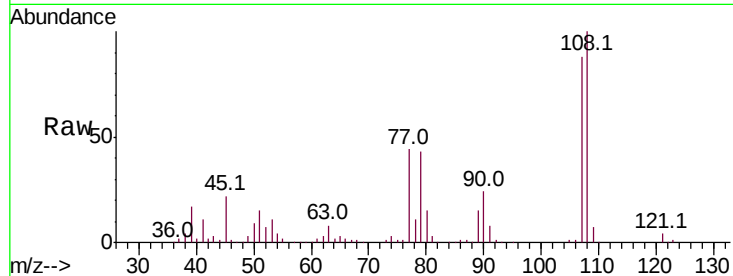
#17
2-Methylphenol
Concen: 45.761 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	50.1	33.8	50.8	
79	48.5	33.8	50.8	

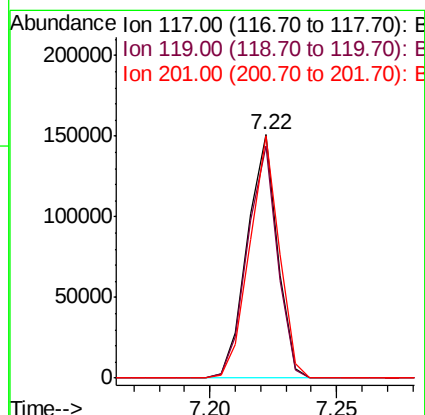
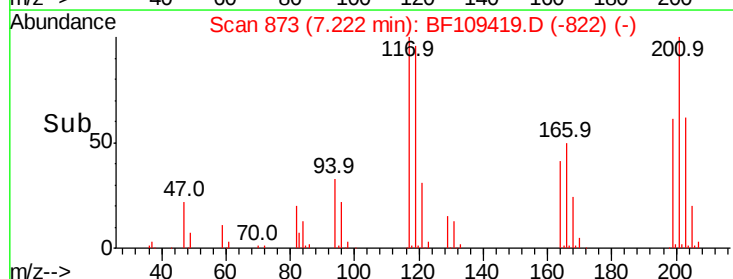
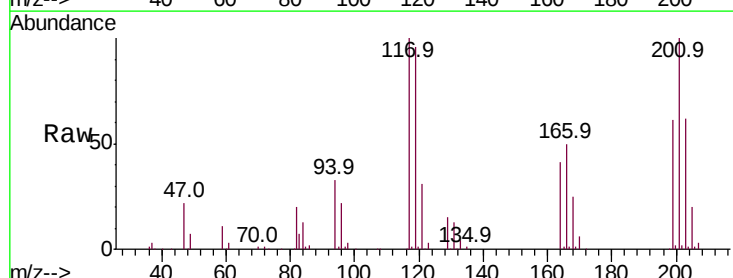
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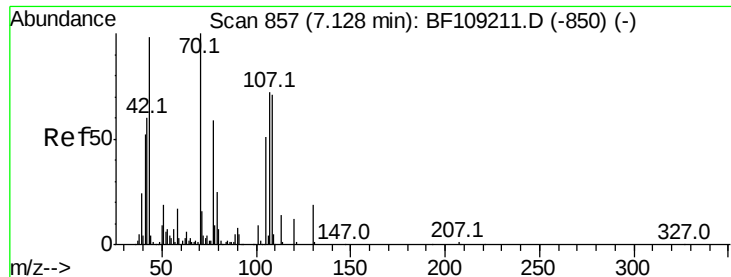
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#18
Hexachloroethane
Concen: 41.964 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	99.6	75.7	113.5	





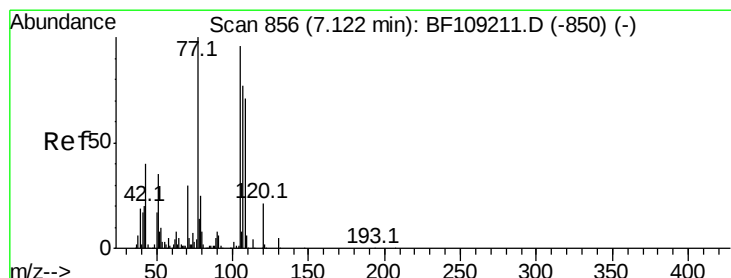
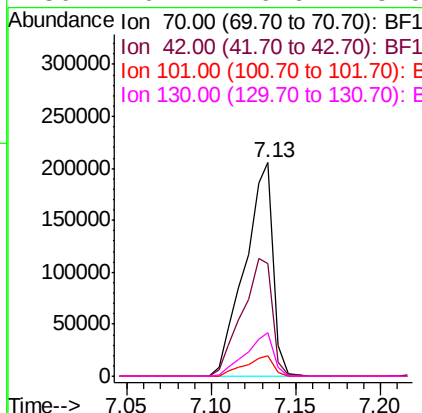
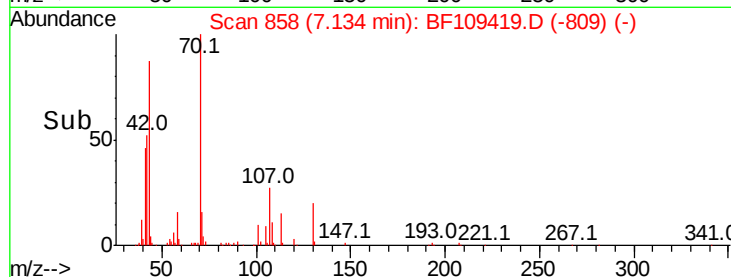
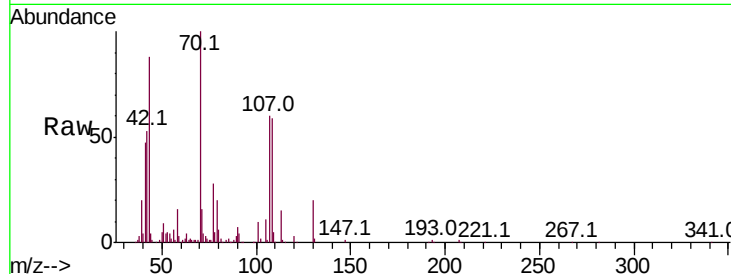
#19
n-Nitroso-di-n-propylamine
Concen: 43.922 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	9.5	7.4	11.2
130	20.2	16.6	25.0

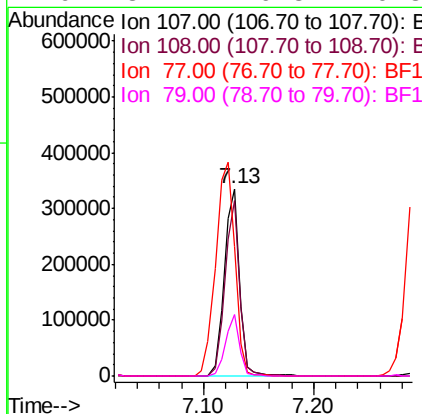
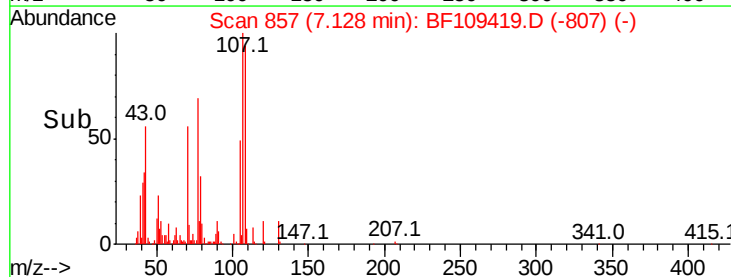
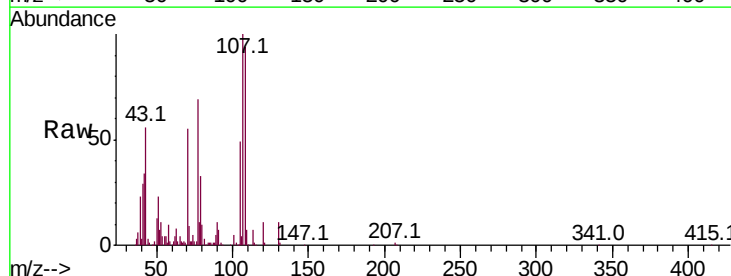
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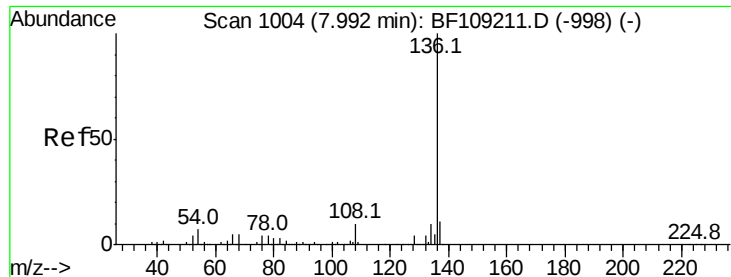
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#20
3+4-Methylphenols
Concen: 45.178 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	69.1	26.7	66.7#
79	32.7	6.3	46.3





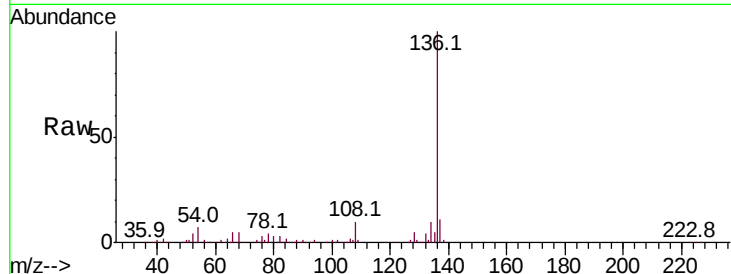
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.8	6.6	9.8	
68	5.3	5.0	7.4	

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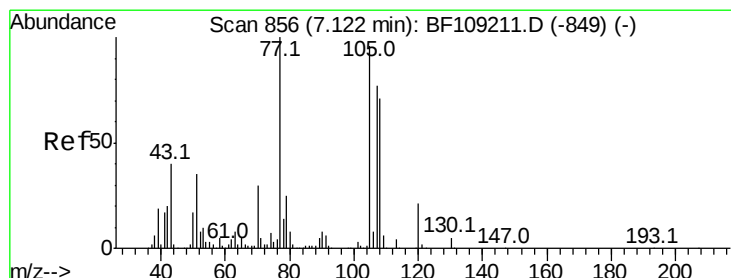
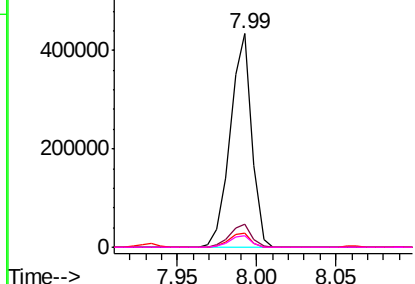
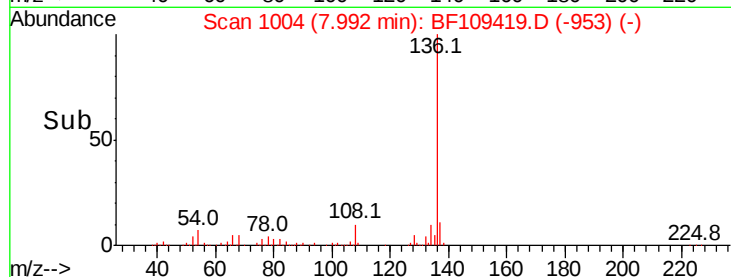
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

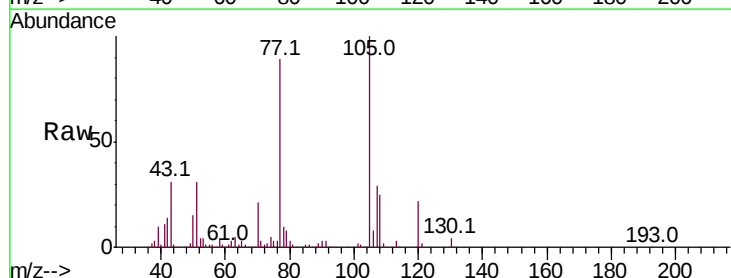
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 48.900 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	4.4	6.6#	
51	30.7	22.3	33.5	
120	22.0	16.9	25.3	



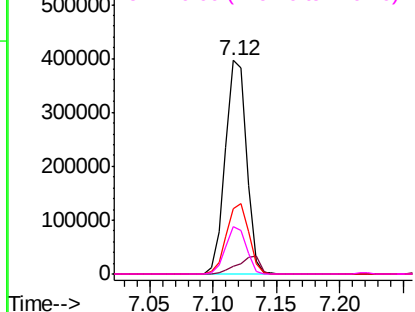
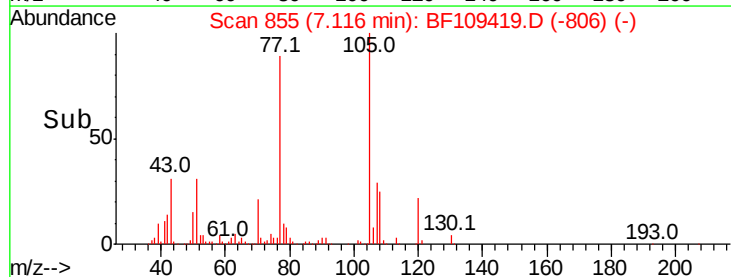
Abundance

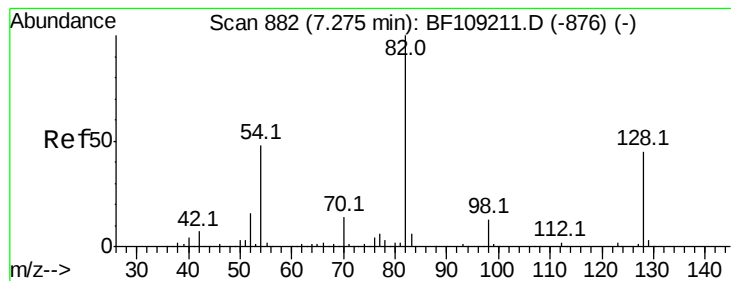
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 109.032 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

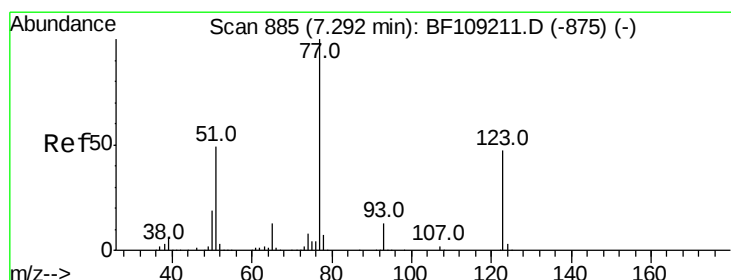
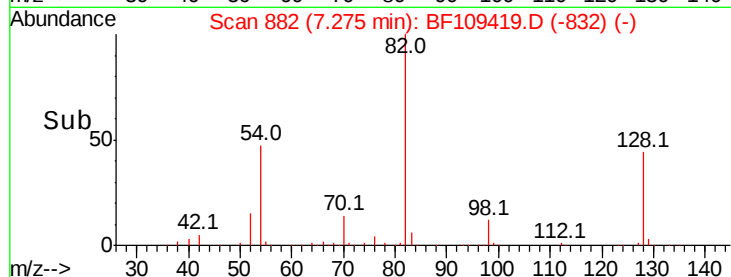
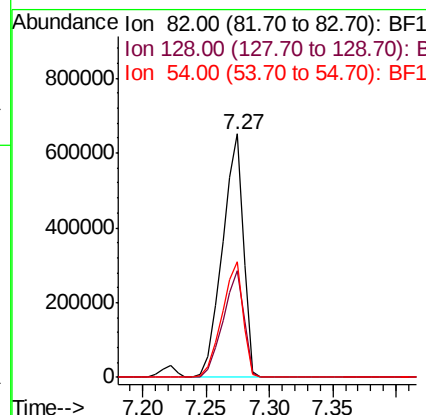
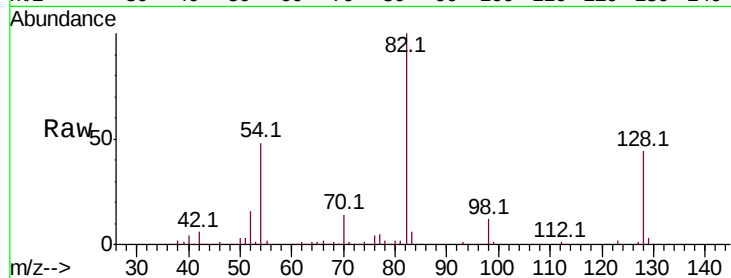
ClientSampleID :

PB113249BSD

Tot Ion:	82	Resp:	750472
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.1	54.1
54	47.7	41.4	62.2

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#24

Nitrobenzene

Concen: 48.293 ng

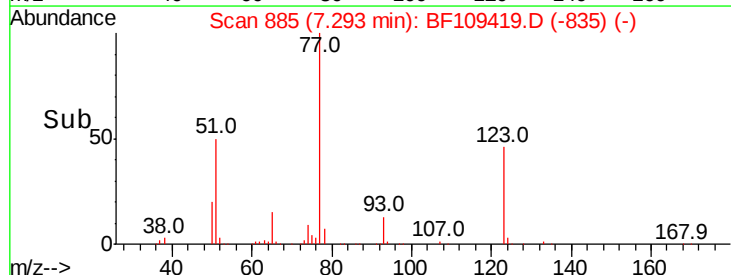
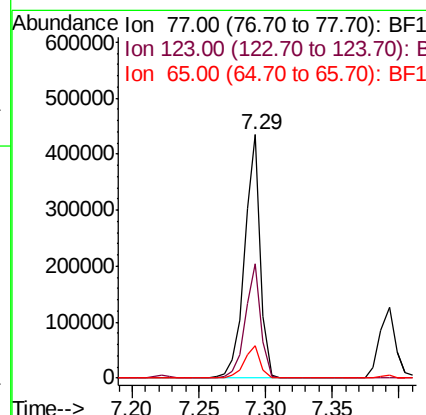
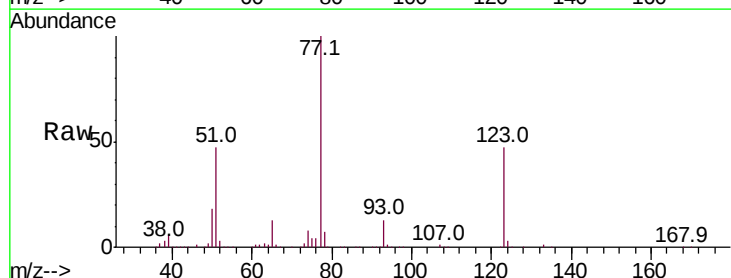
RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	77	Resp:	353436
Ion Ratio	Lower	Upper	
77	100		
123	46.9	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 52.844 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

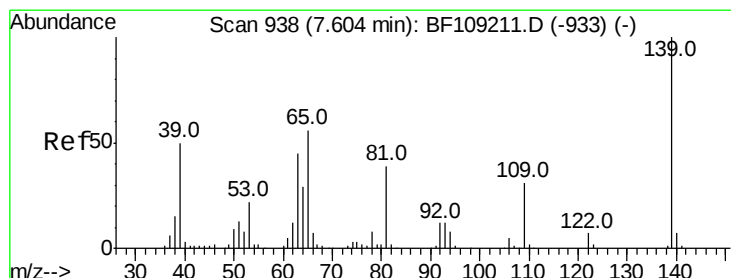
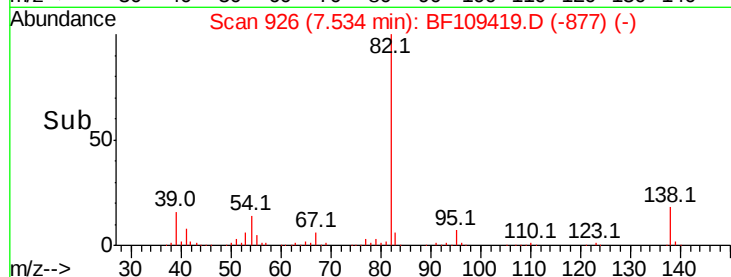
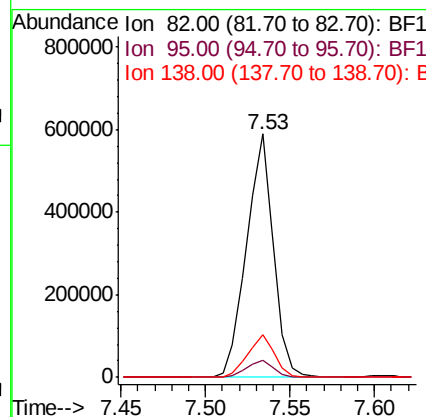
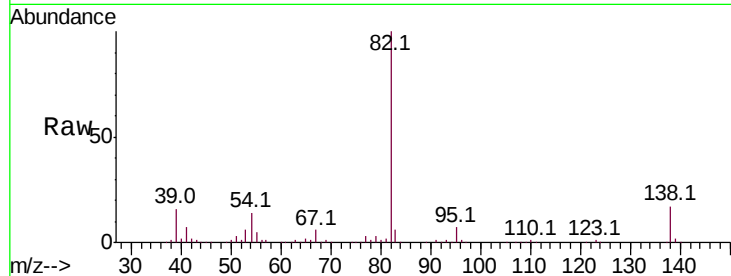
ClientSampleId :

PB113249BSD

Tot Ion:	82	Resp:	654984
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.227 ng

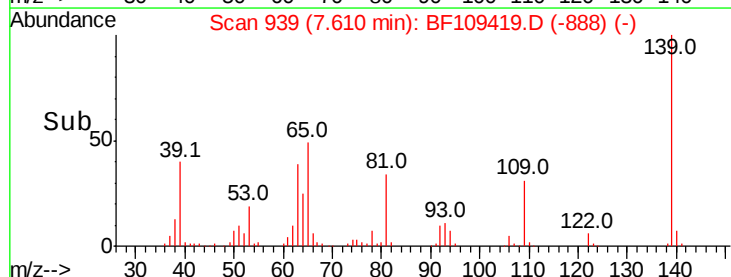
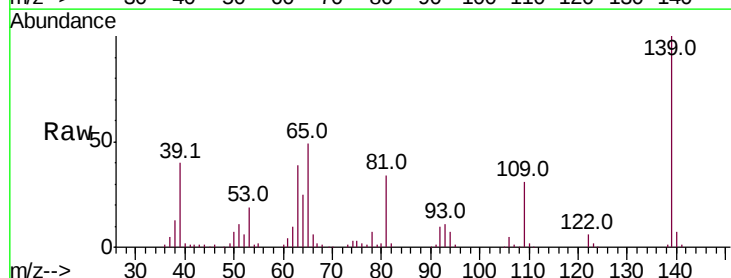
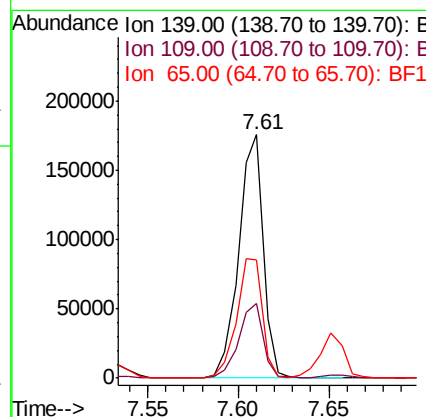
RT: 7.61 min Scan# 939

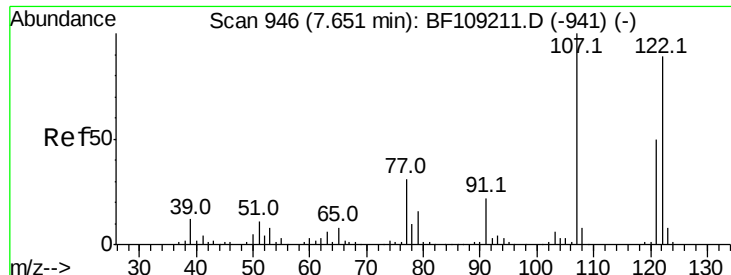
Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	139	Resp:	165630
Ion Ratio	Lower	Upper	
139	100		
109	30.7	22.7	34.1
65	48.8	40.5	60.7





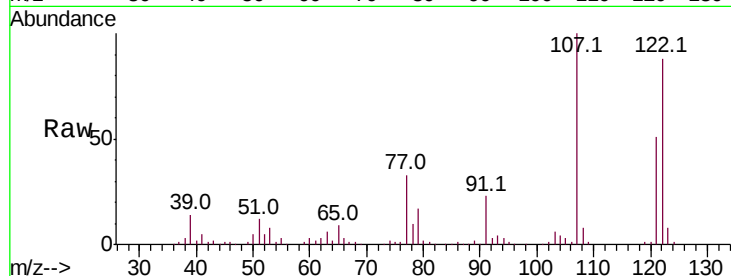
#27
 2,4-Dimethylphenol
 Concen: 55.461 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	299523		
107	114.2		91.2	136.8
121	58.1		47.2	70.8

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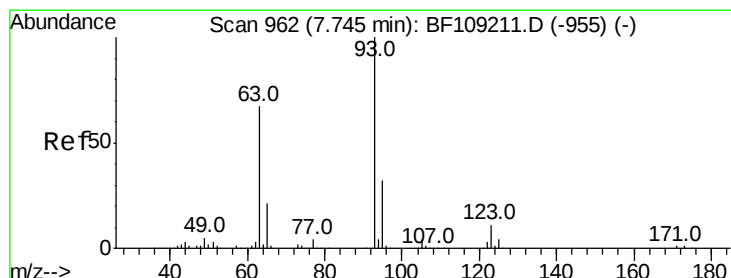
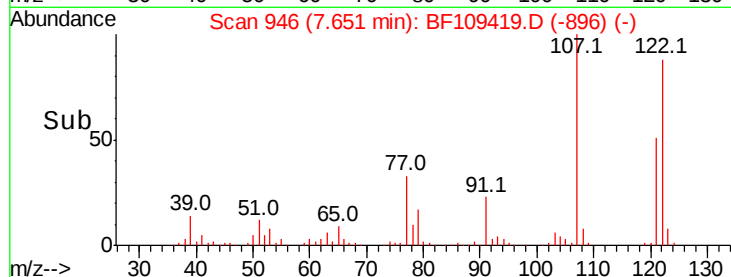
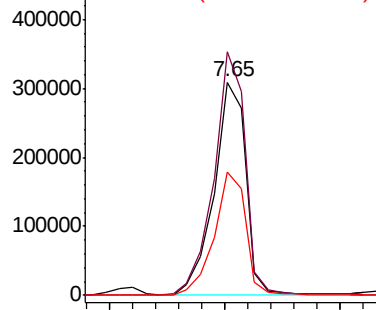


Abundance

Ion 122.00 (121.70 to 122.70): E

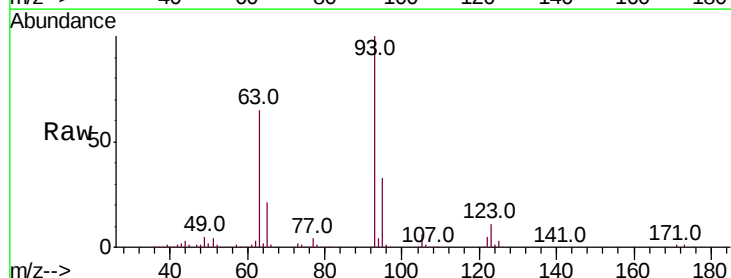
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.098 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	411045		
95	32.7		26.3	39.5
123	11.3		9.8	14.6

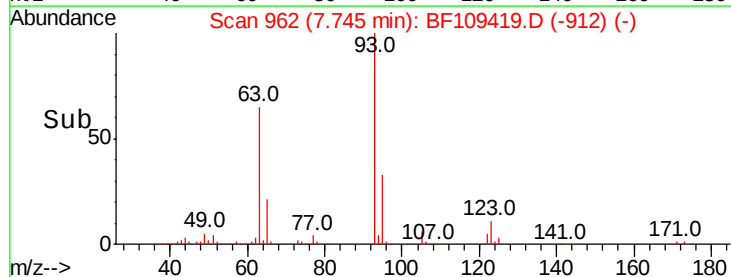
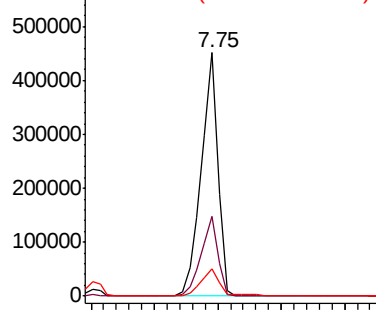


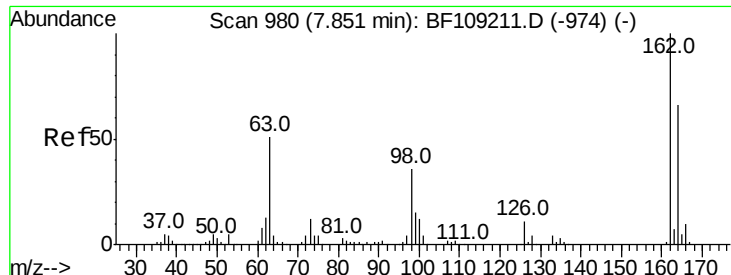
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





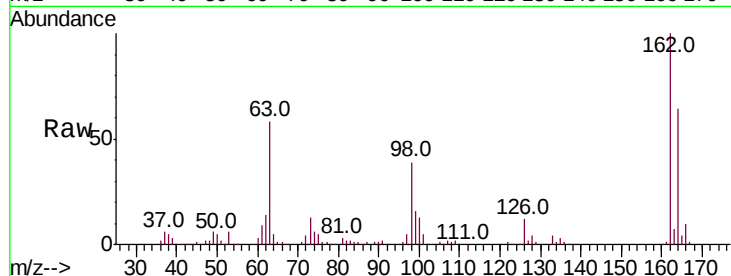
#29
 2,4-Dichlorophenol
 Concen: 49.988 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

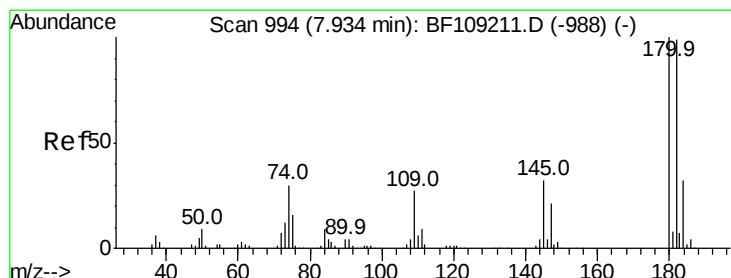
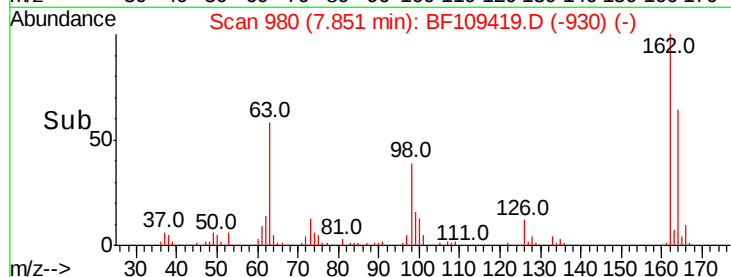
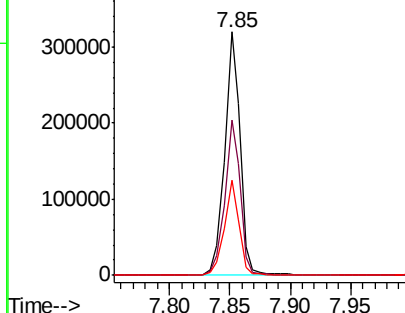
Tot Ion:	162	Resp:	283644
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	38.9	18.1	58.1

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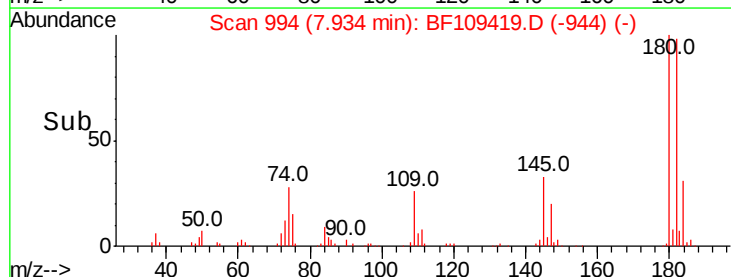
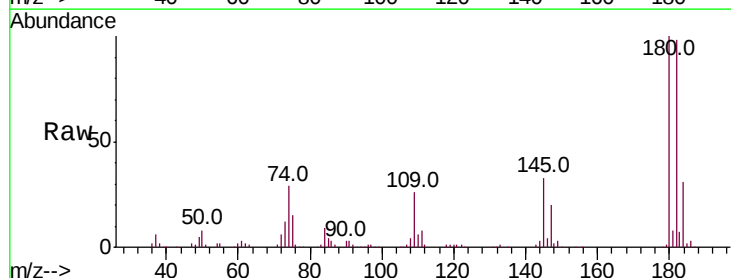
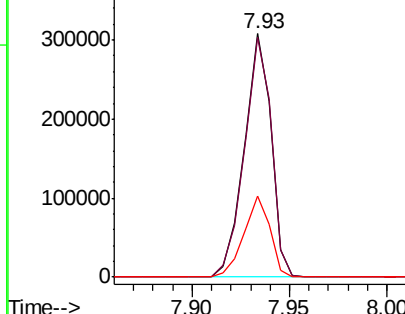
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

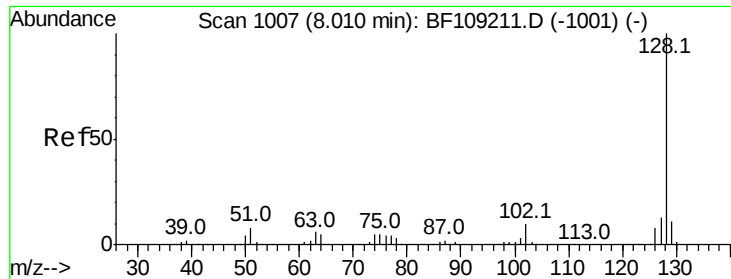


#30
 1,2,4-Trichlorobenzene
 Concen: 46.240 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:	180	Resp:	293180
Ion Ratio	Lower	Upper	
180	100		
182	98.4	76.8	115.2
145	33.0	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





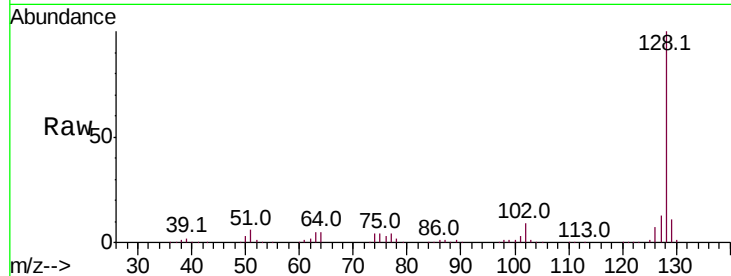
#31
Naphthalene
Concen: 49.524 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

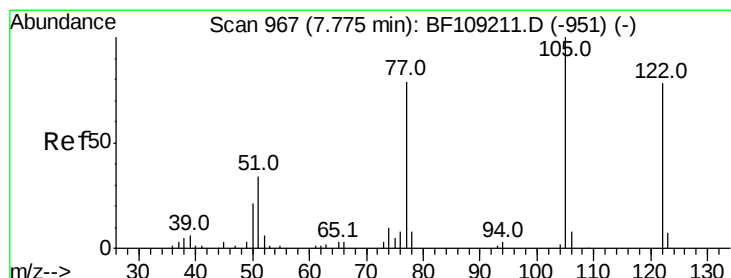
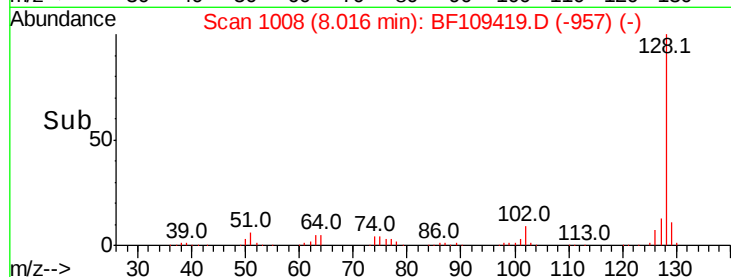
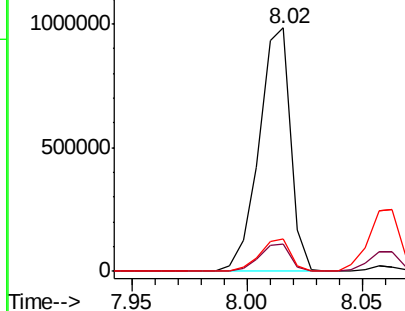
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	13.3	10.9	16.3	

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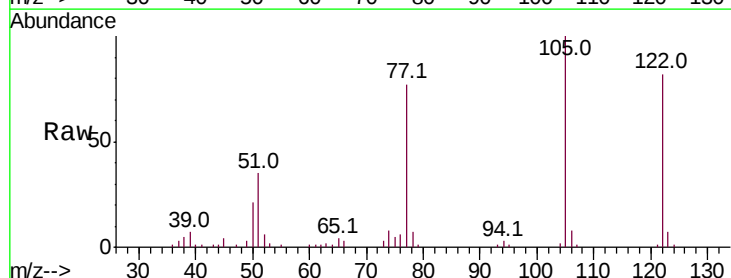


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

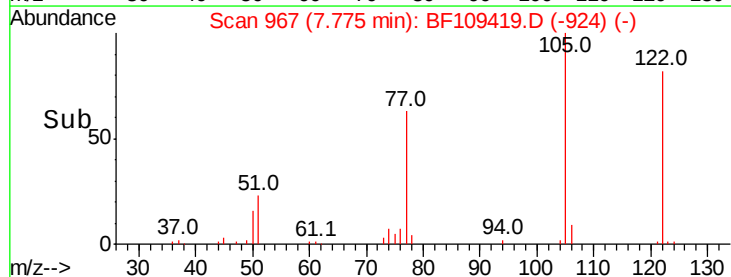
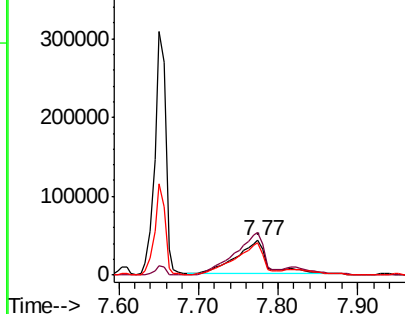


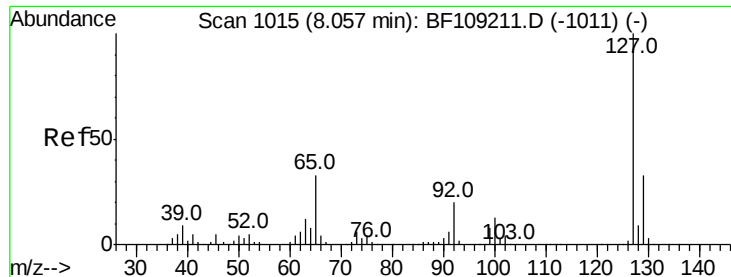
#32
Benzoic acid
Concen: 35.186 ng m
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.4	101.1	141.1	
77	94.9	70.7	110.7	



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





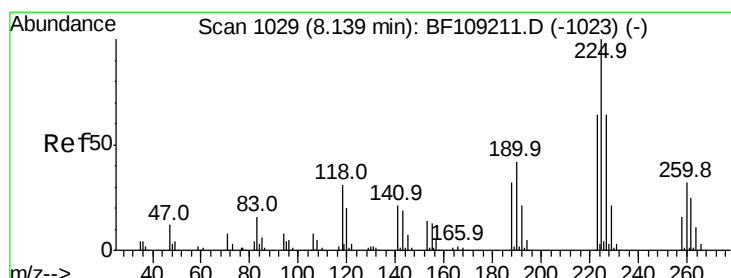
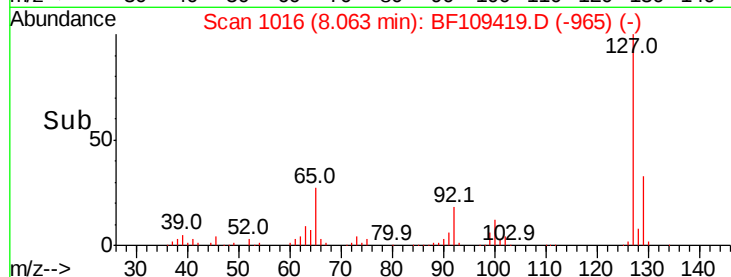
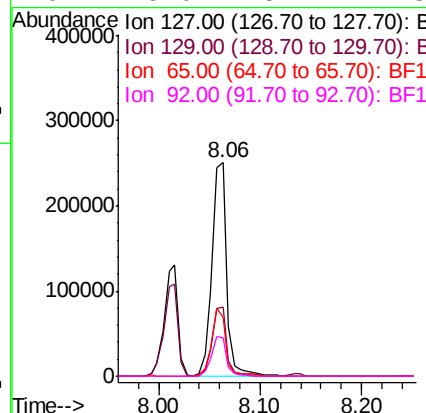
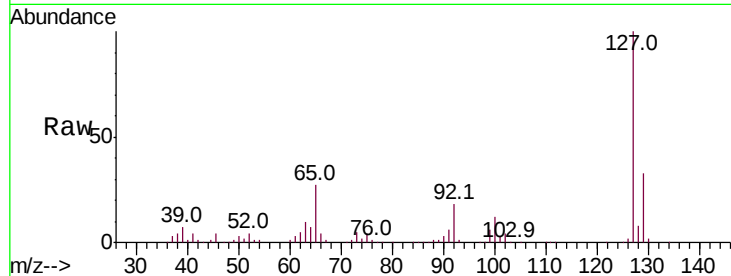
#33
 4-Chloroaniline
 Concen: 30.740 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	27.4	25.0	37.4	
92	18.0	15.2	22.8	

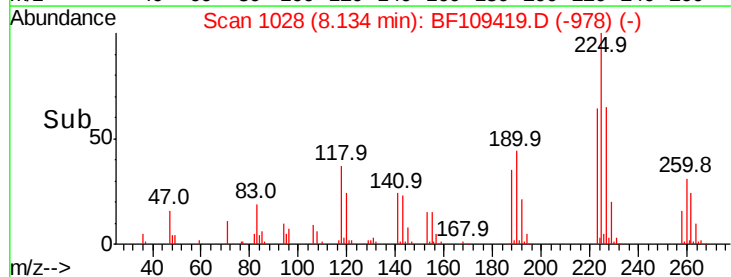
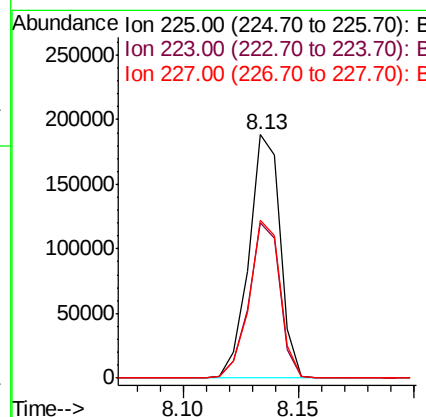
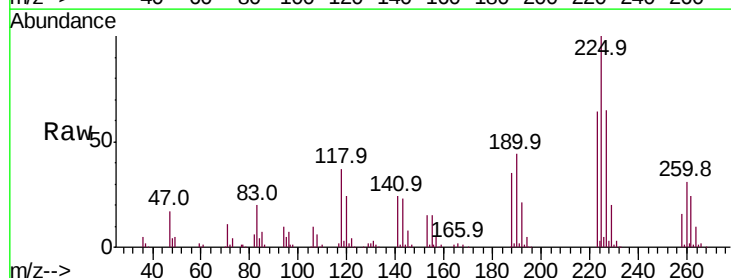
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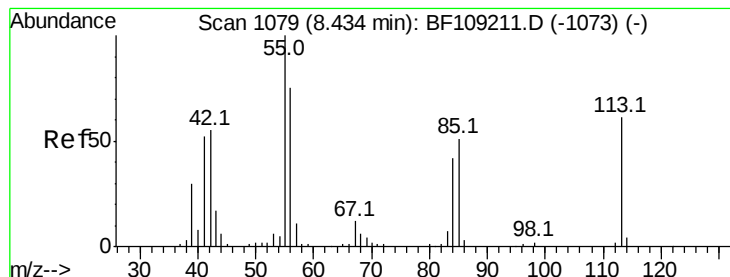
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#34
 Hexachlorobutadiene
 Concen: 46.731 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	65.0	51.9	77.9	





#35

Caprolactam

Concen: 49.674 ng/ml

RT: 8.44 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

Tot Ion:113 Resp: 89990

Ion Ratio Lower Upper

113 100

55 159.3 163.3 203.3#

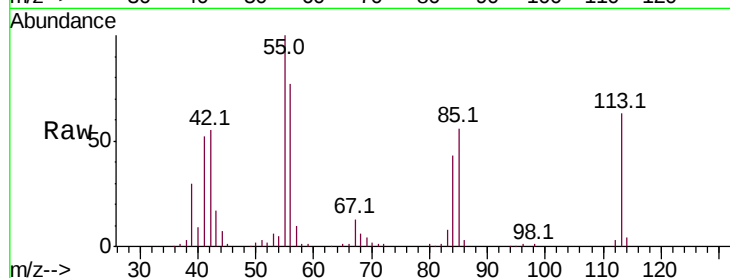
56 122.1 115.7 155.7

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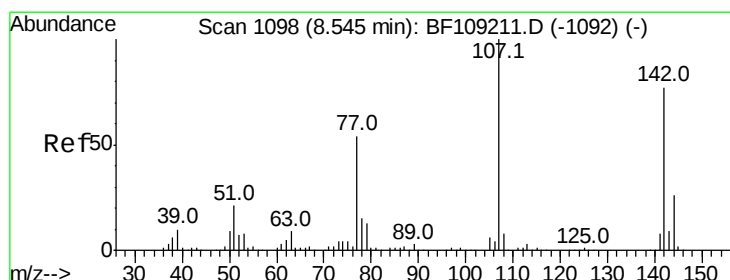
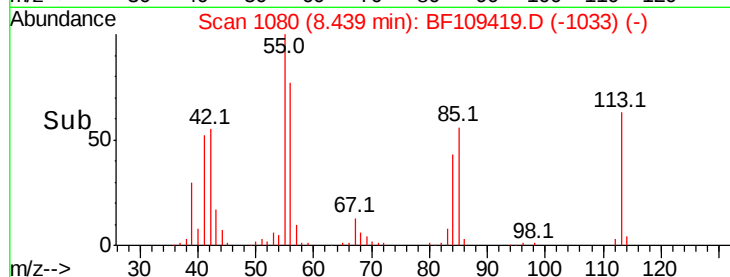
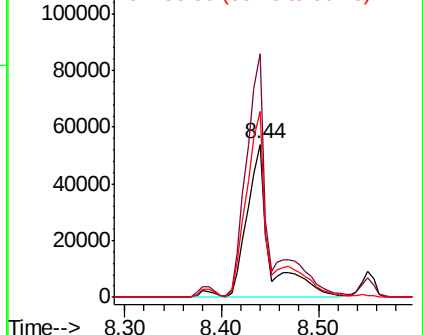
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.314 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

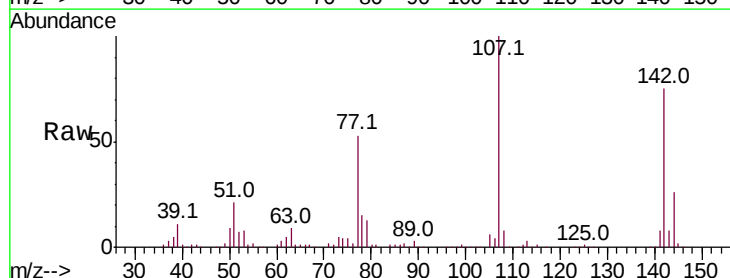
Tgt Ion:107 Resp: 294452

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

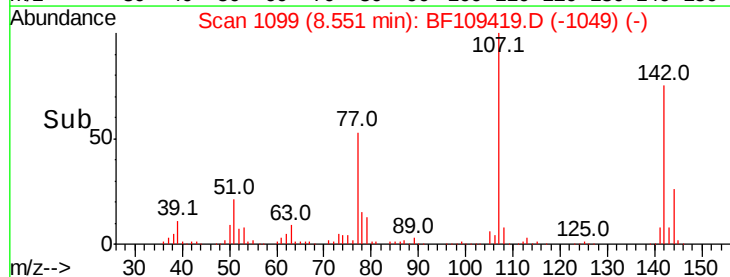
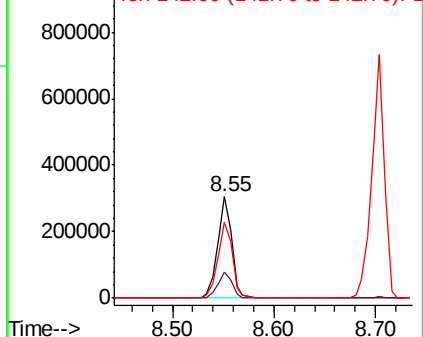
142 75.5 62.0 93.0

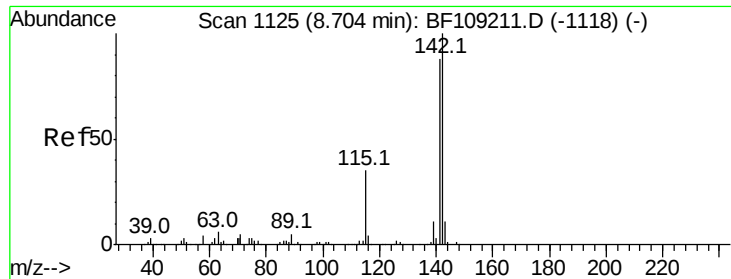


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





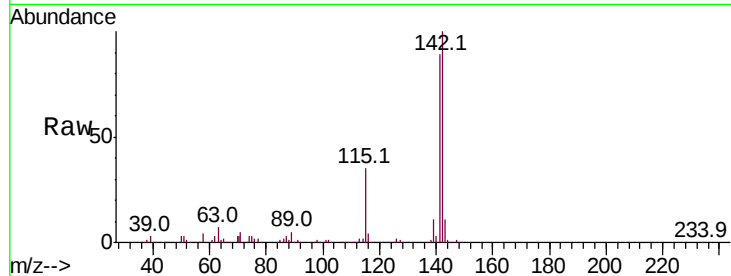
#37
2-Methylnaphthalene
Concen: 51.851 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	35.4	26.1	39.1

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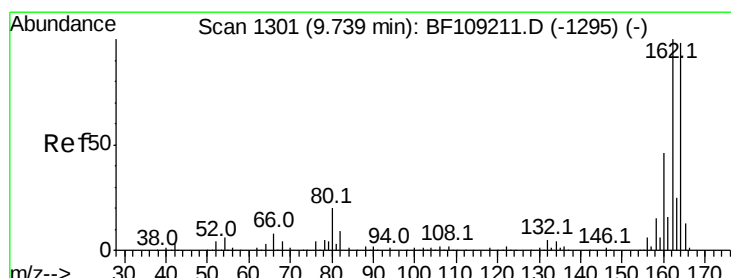
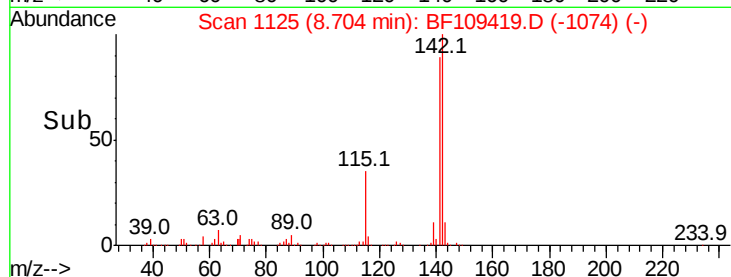
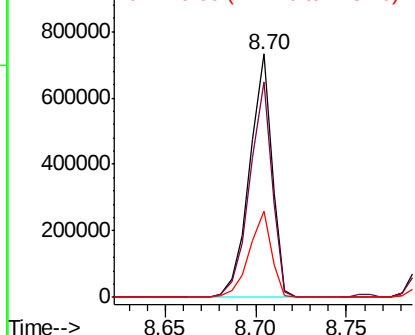


Abundance

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: BF109419.D
Acq: 28 Sep 2018 7:03

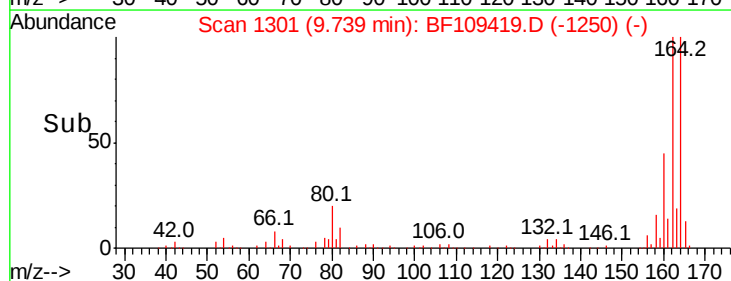
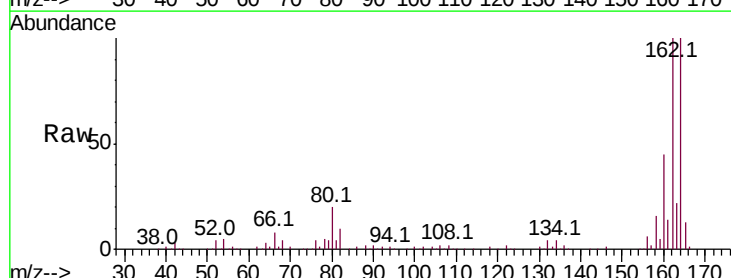
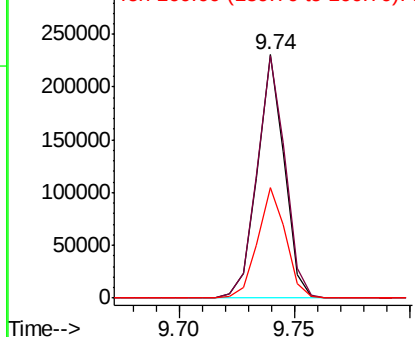
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	45.3	38.3	57.5

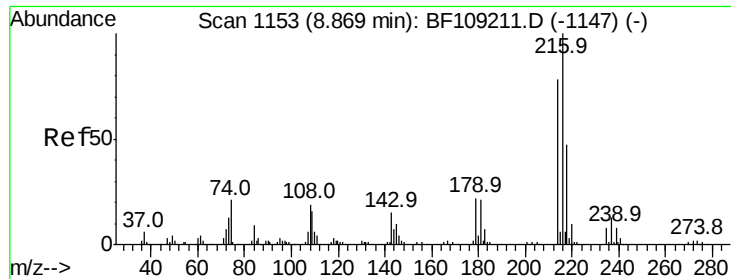
Abundance

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





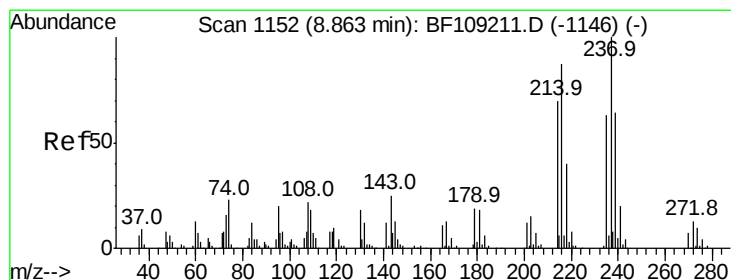
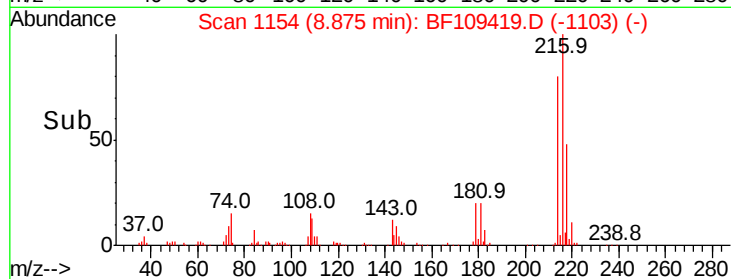
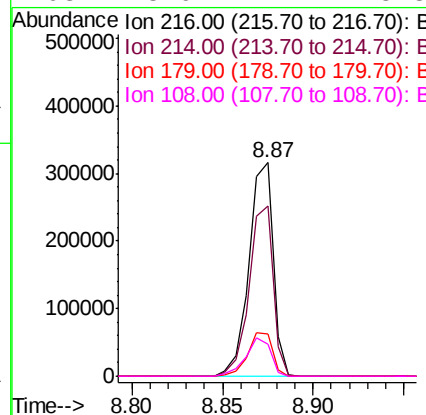
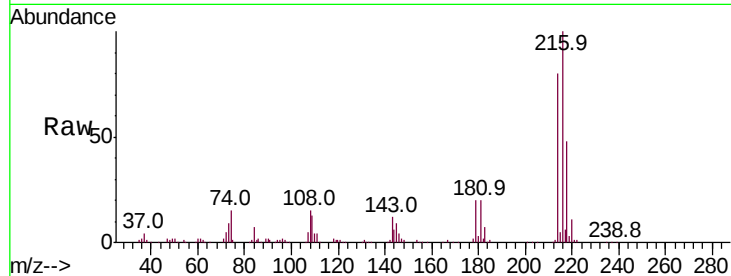
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.031 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion:	216	Resp:	294063
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.4
179	20.8	18.1	27.1
108	18.9	17.2	25.8

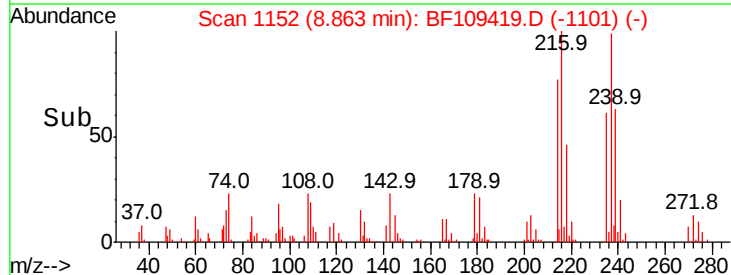
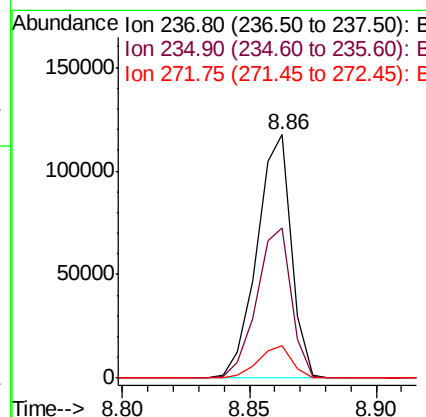
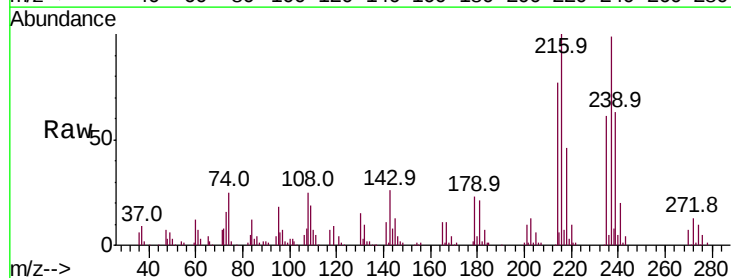
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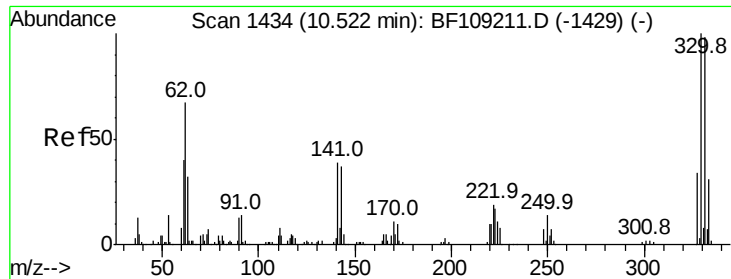
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#40
 Hexachlorocyclopentadiene
 Concen: 42.379 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:	237	Resp:	110859
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.8	84.8
272	13.3	0.0	33.3





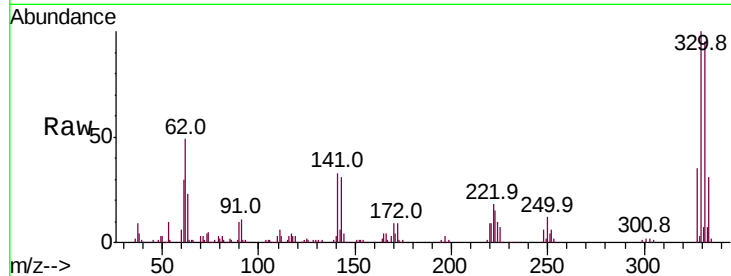
#41
 2,4,6-Tribromophenol
 Concen: 97.722 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	33.7	29.9	44.9	

Manual Integrations
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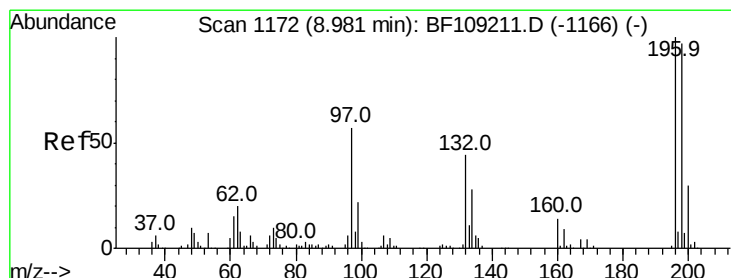
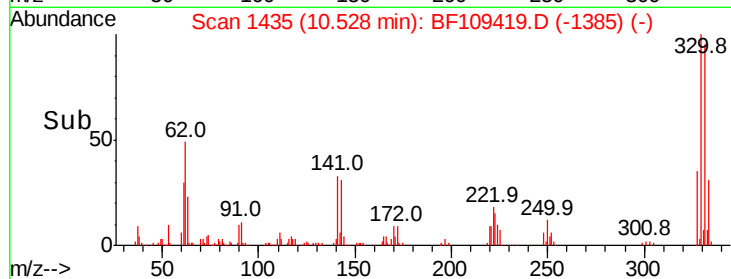
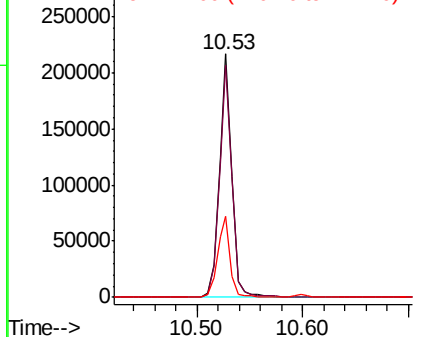


Abundance

Ion 329.80 (329.50 to 330.50): E

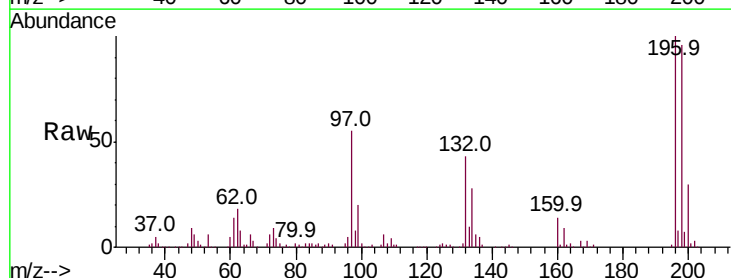
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.454 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	75.7	113.5	
200	30.4	24.5	36.7	

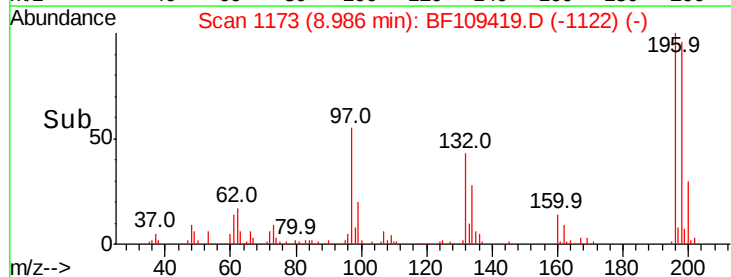
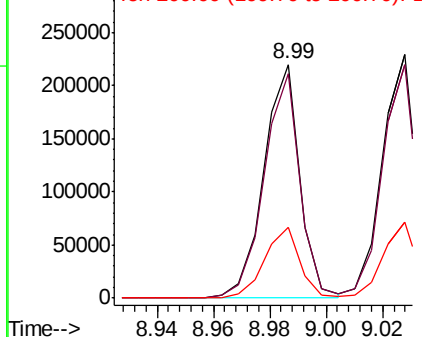


Abundance

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





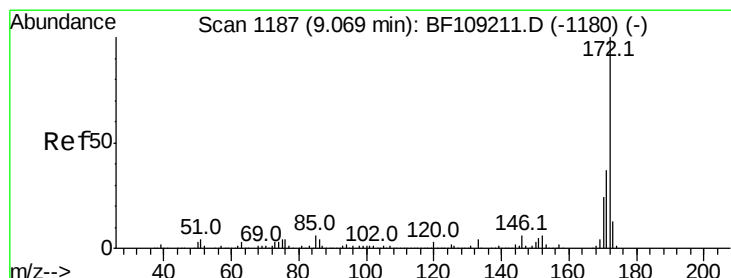
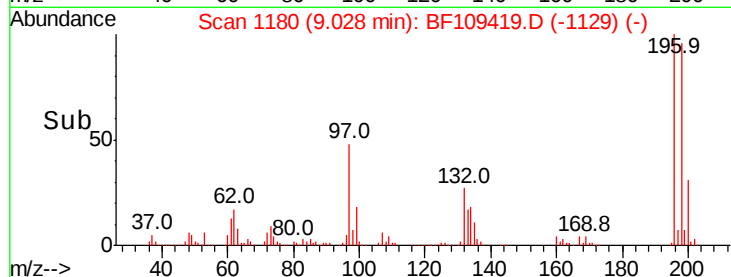
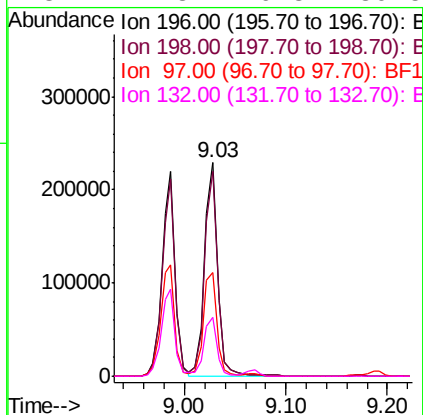
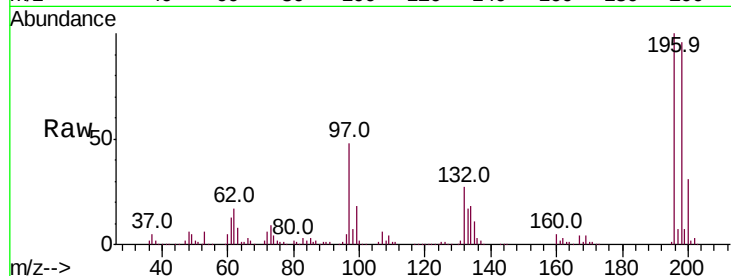
#43
 2,4,5-Trichlorophenol
 Concen: 50.622 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion:	196	Resp:	205795
Ion Ratio		Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.3	42.9	64.3
132	27.3	26.3	39.5

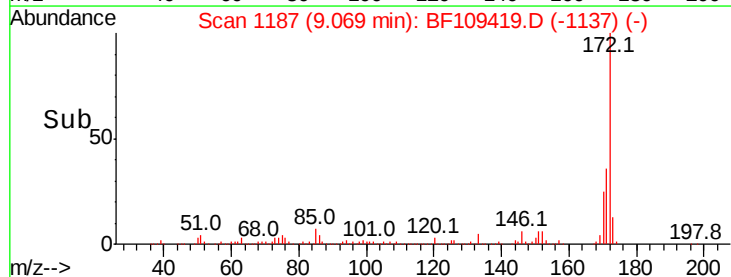
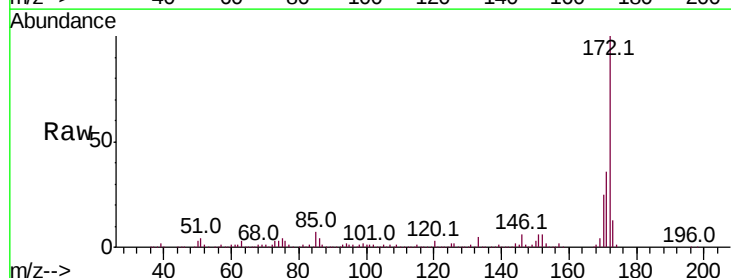
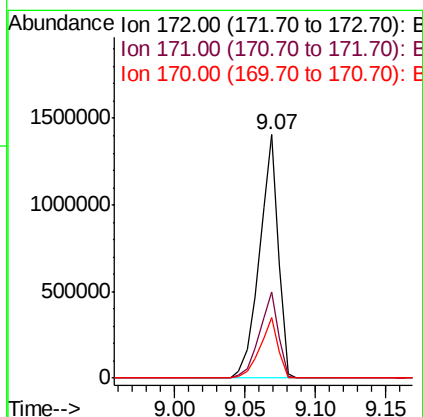
Manual Integrations
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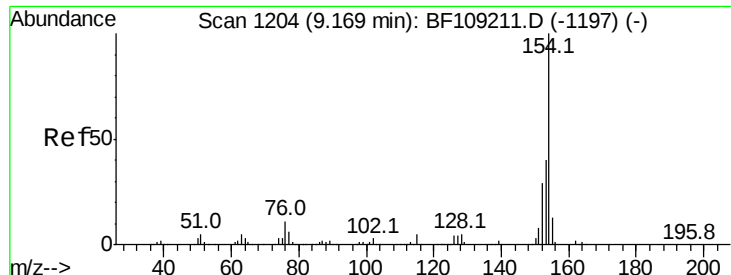
Sohil
 9/28/2018 2:40:38 PM



#44
 2-Fluorobiphenyl
 Concen: 105.619 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:	172	Resp:	1319716
Ion Ratio		Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 49.168 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

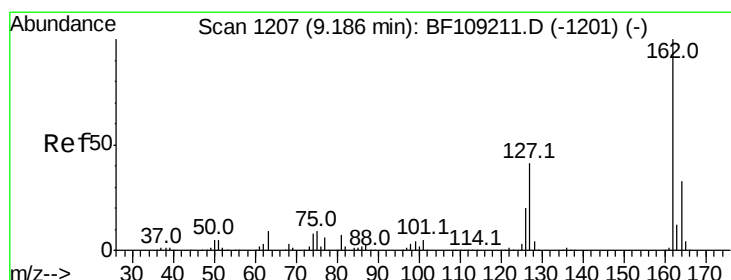
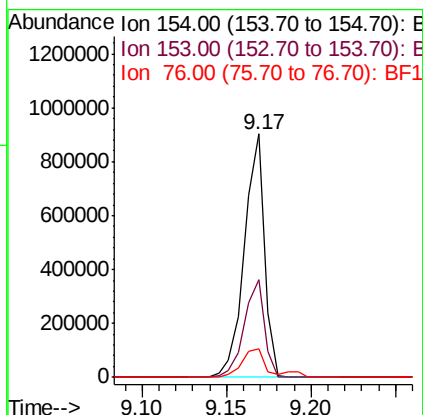
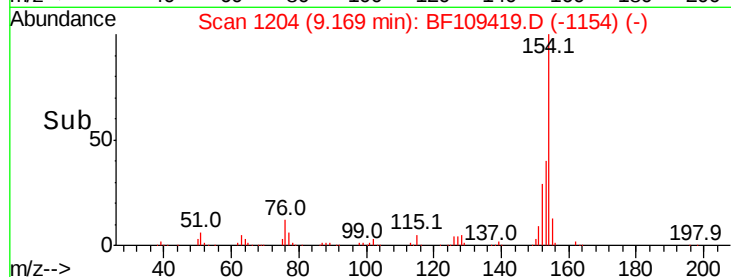
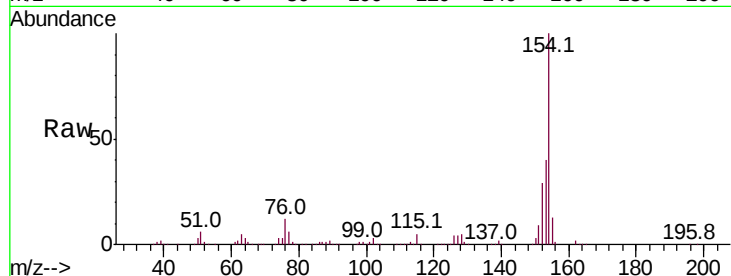
ClientSampleId :

PB113249BSD

Tot Ion:	154	Resp:	754928
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	11.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 46.937 ng

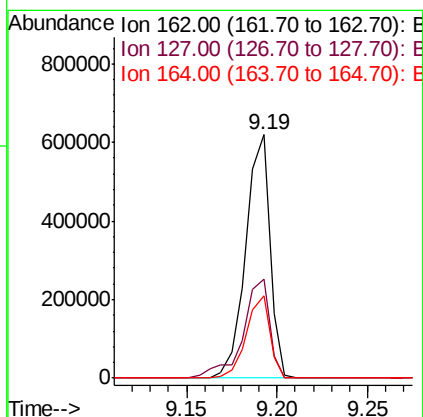
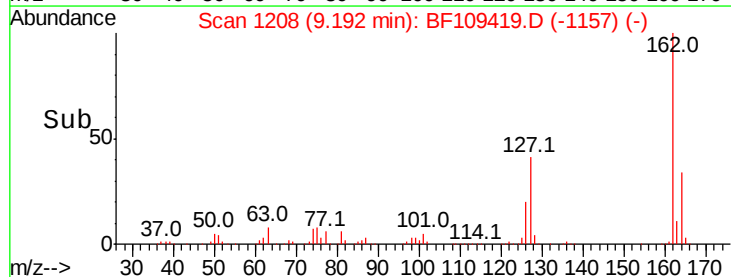
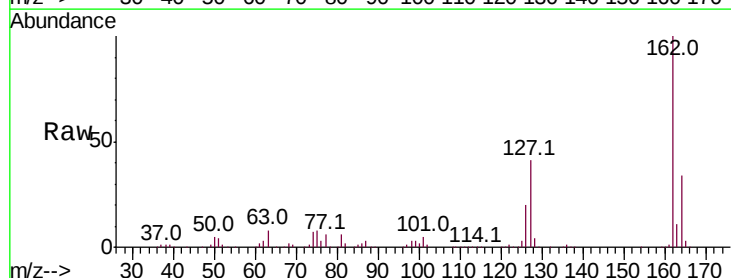
RT: 9.19 min Scan# 1208

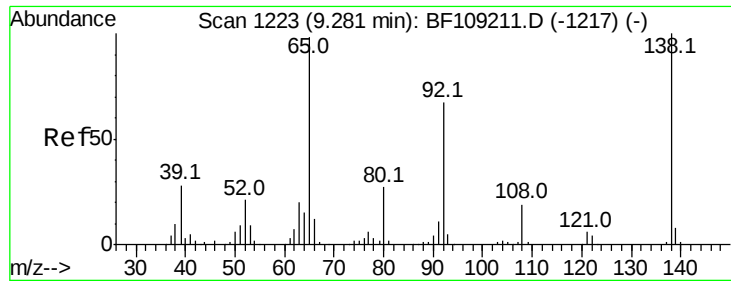
Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	162	Resp:	575738
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	33.6	26.5	39.7





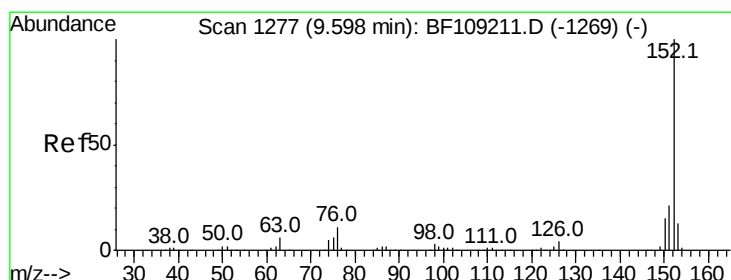
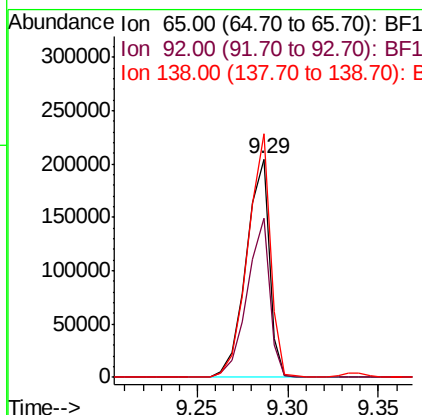
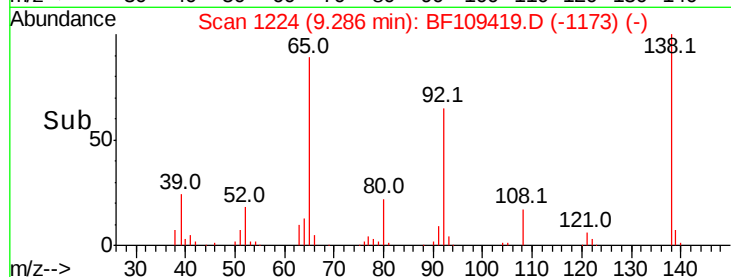
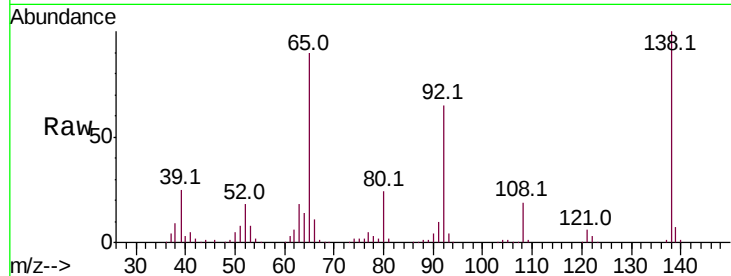
#47
2-Nitroaniline
Concen: 52.328 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	55.8	83.6
138	111.6	91.2	136.8

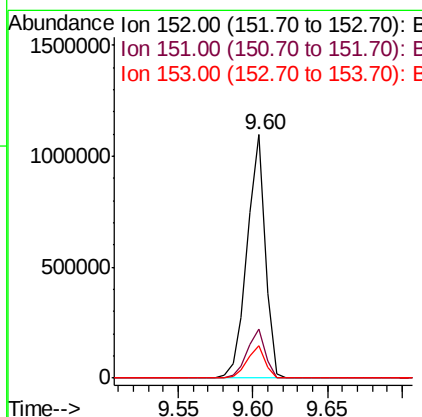
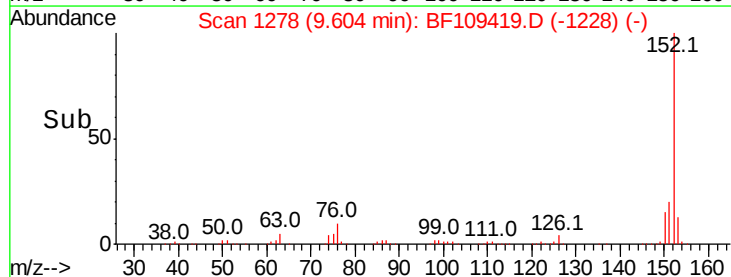
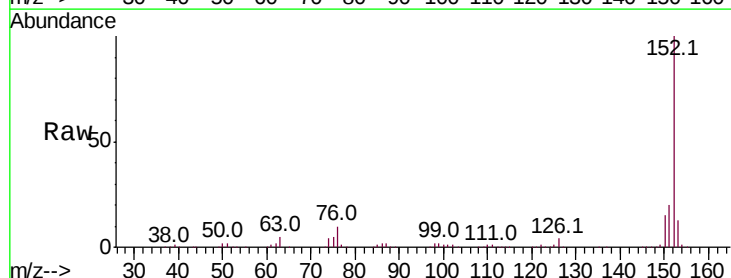
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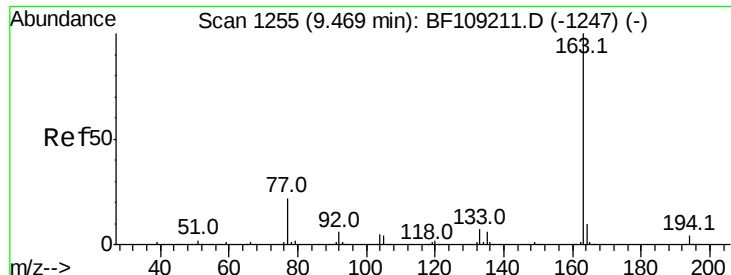
Sohil
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#48
Acenaphthylene
Concen: 49.522 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.7	16.1





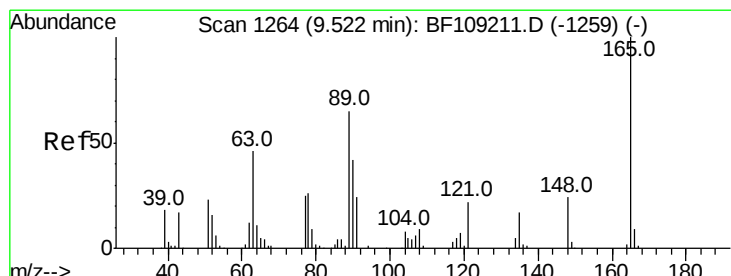
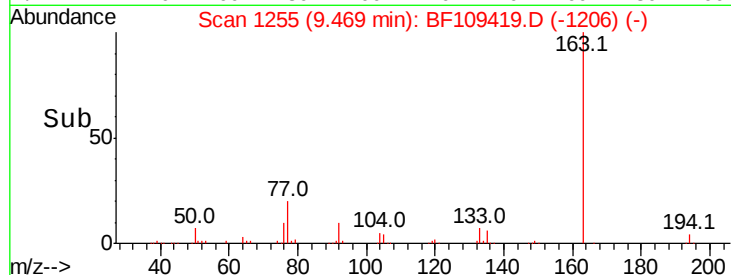
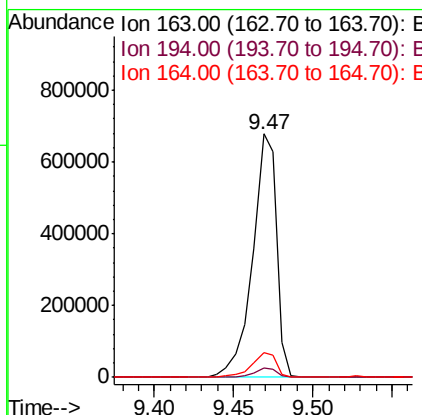
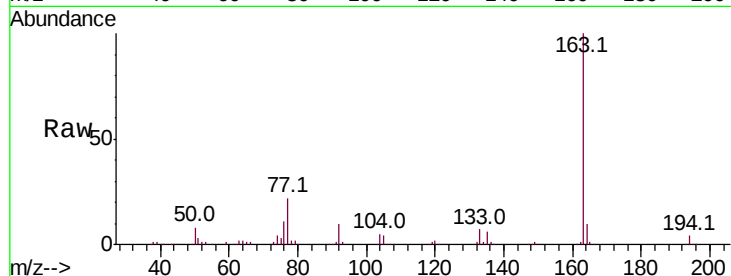
#49
Dimethylphthalate
Concen: 51.852 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	710714		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

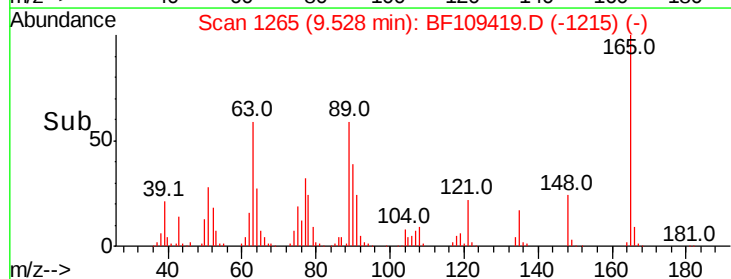
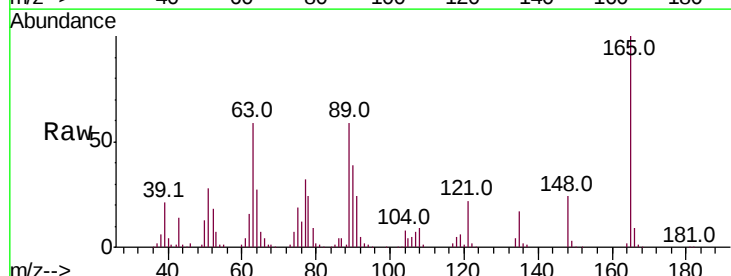
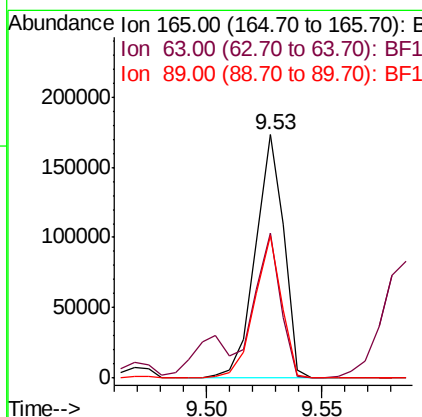
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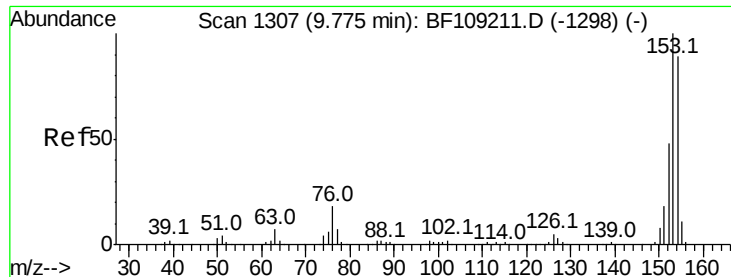
Sohil
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#50
2,6-Dinitrotoluene
Concen: 54.760 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148652		
63	59.4		44.7	67.1
89	58.7		44.0	66.0





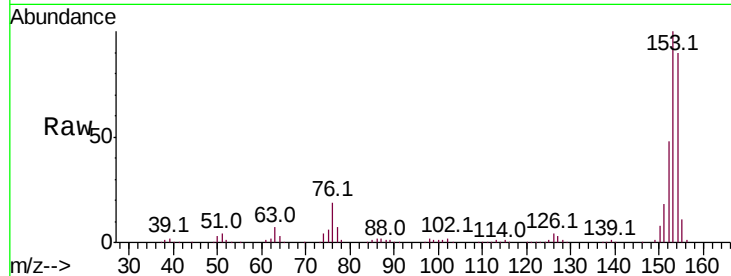
#51
Acenaphthene
Concen: 46.572 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

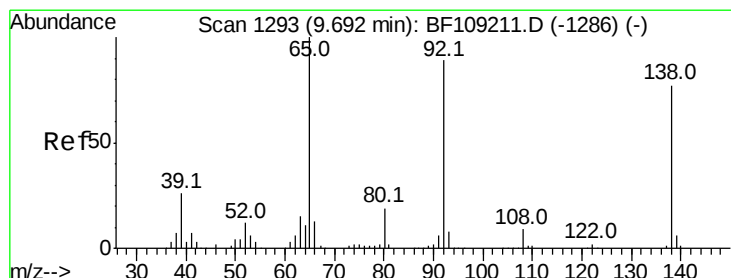
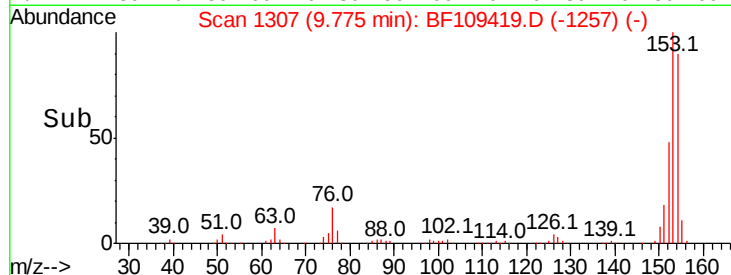
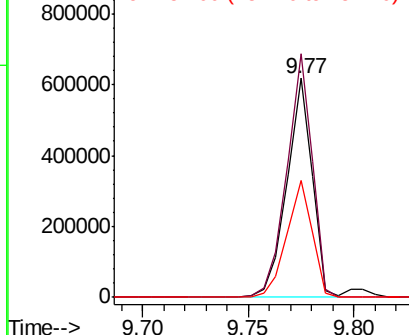
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.2	136.8
152	53.3	43.8	65.8

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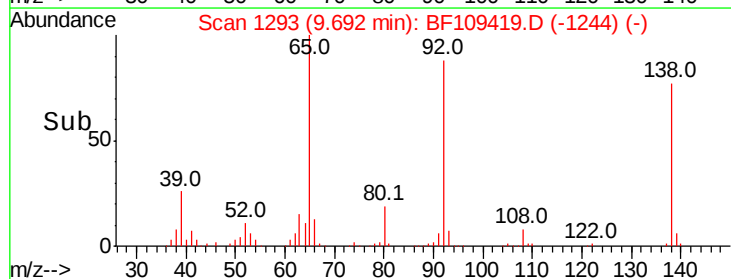
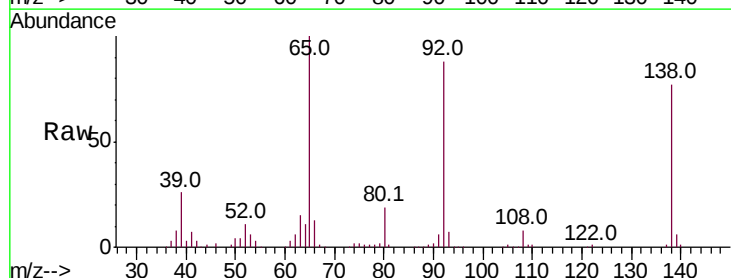
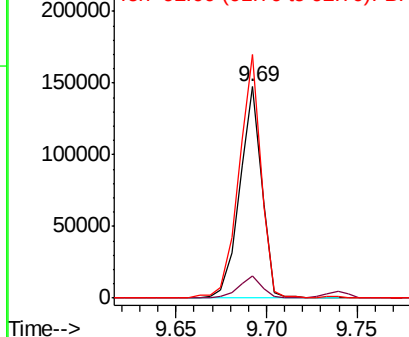
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

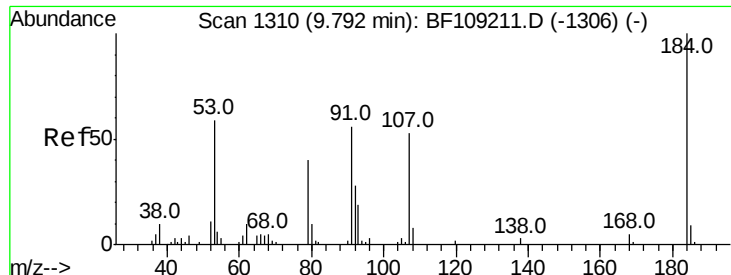


#52
3-Nitroaniline
Concen: 39.304 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	115.3	89.4	134.2

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





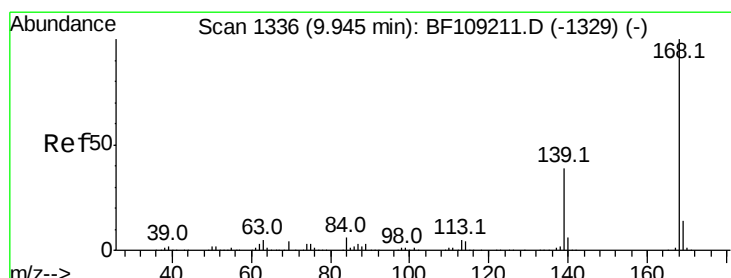
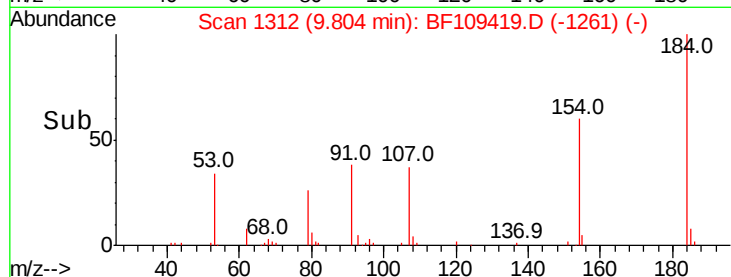
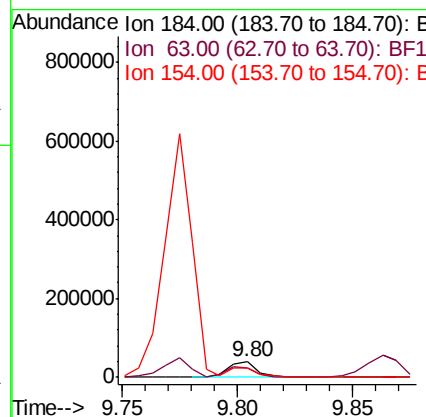
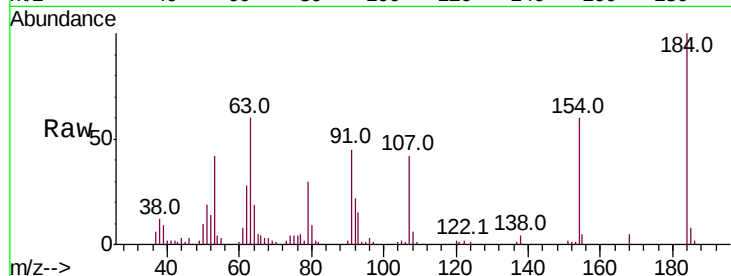
#53
 2,4-Dinitrophenol
 Concen: 42.348 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.1	54.2	81.2	
154	59.9	184.0	276.0	

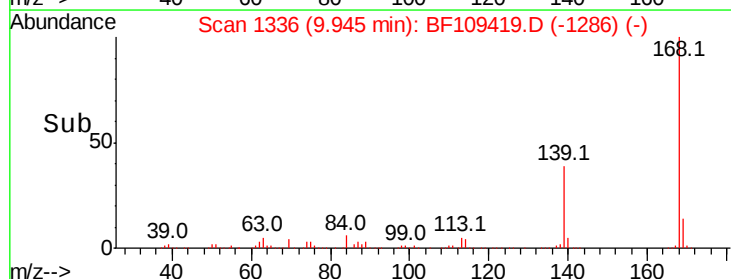
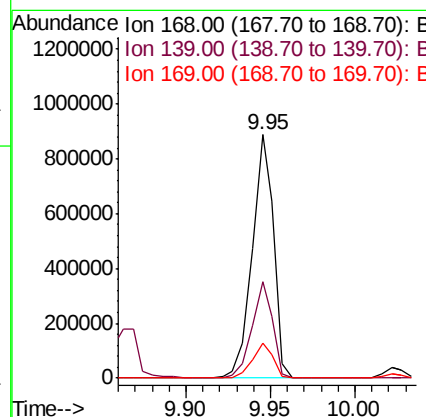
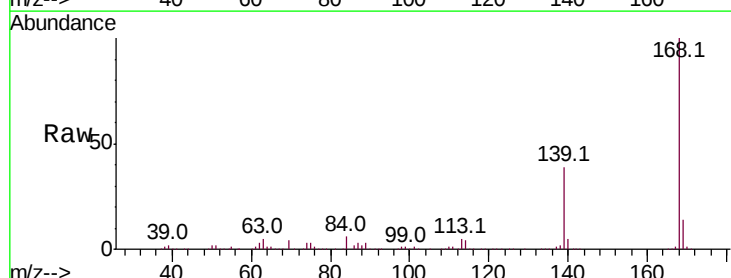
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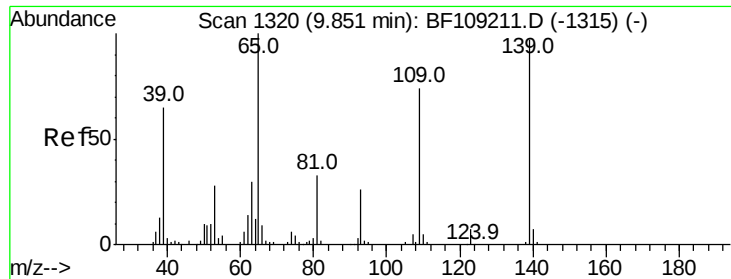
Sohil
 9/28/2018 2:40:38 PM



#54
 Dibenzofuran
 Concen: 47.079 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	30.1	45.1	
169	14.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 85.665 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

ClientSampleId :

PB113249BSD

Tot Ion:139 Resp: 202874

Ion Ratio Lower Upper

139 100

109 73.7 48.4 88.4

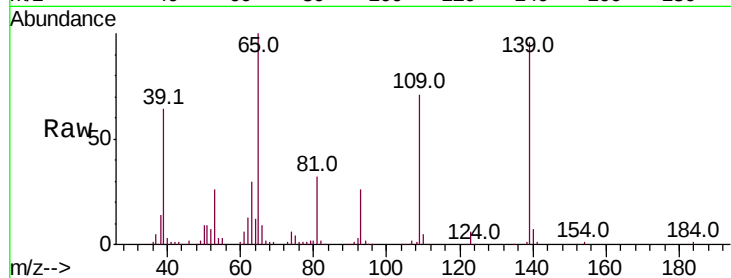
65 104.0 72.6 112.6

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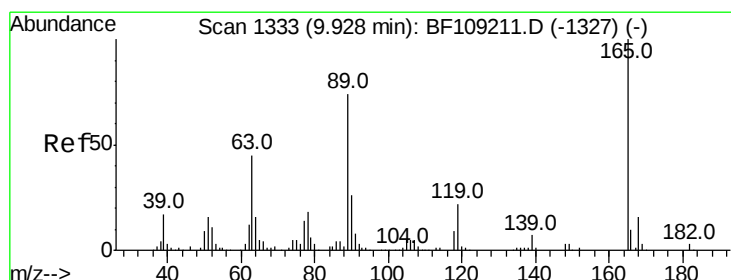
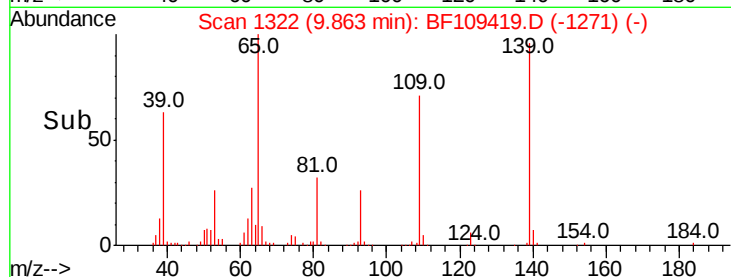
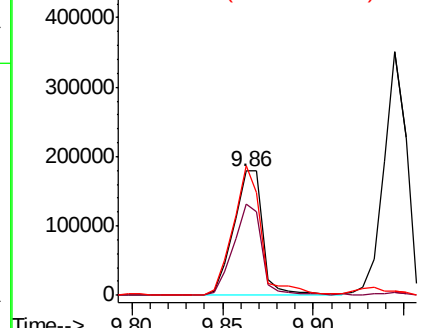
9/28/2018 2:40:38 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 53.254 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:165 Resp: 182914

Ion Ratio Lower Upper

165 100

63 43.3 36.4 54.6

89 71.7 57.8 86.6

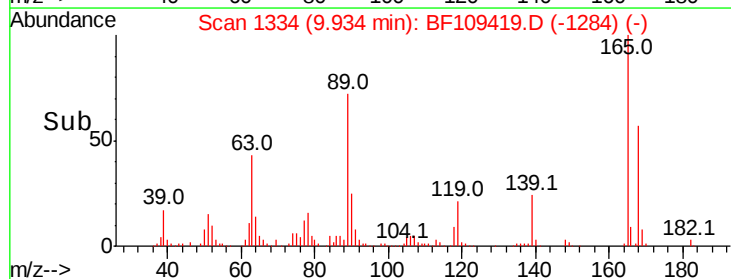
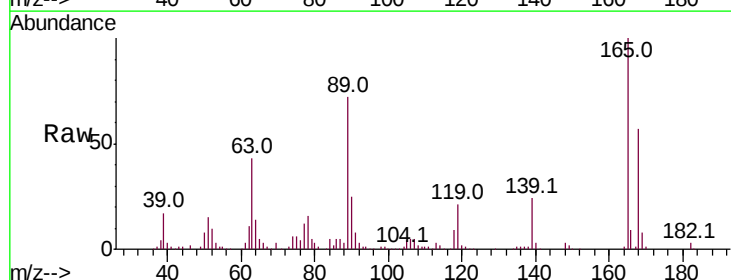
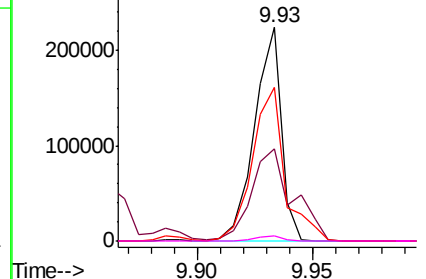
182 2.6 1.6 2.4#

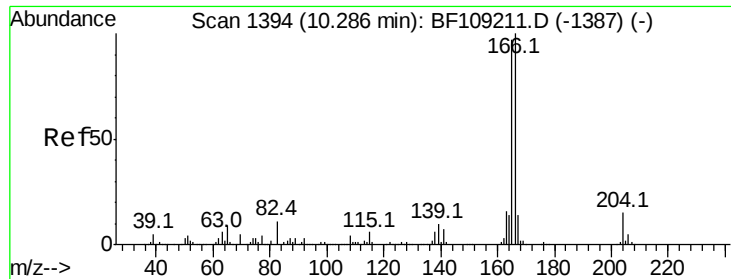
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





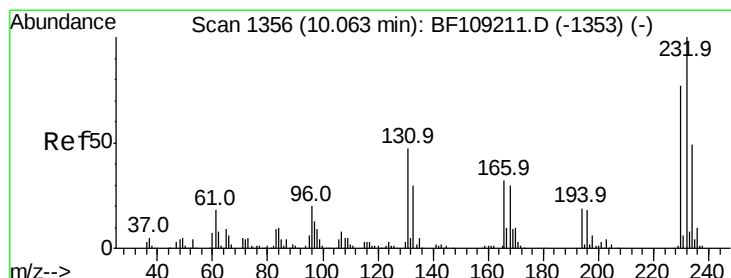
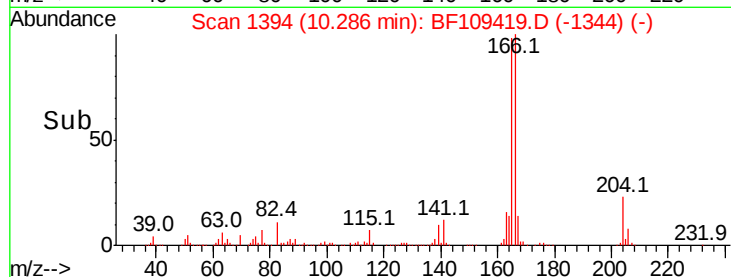
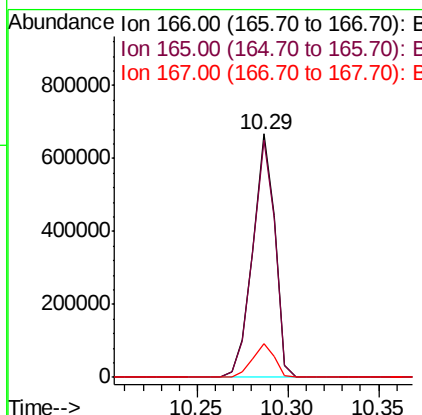
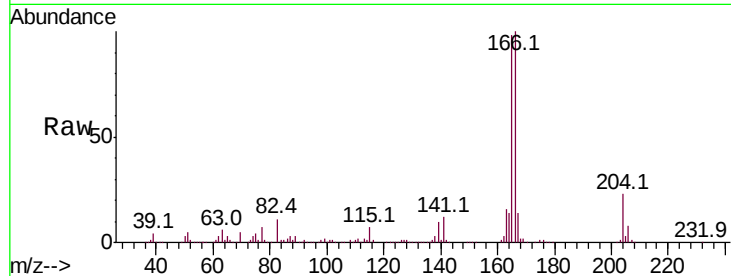
#57
Fluorene
 Concen: 47.893 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	79.8	119.8	
167	13.6	10.6	16.0	

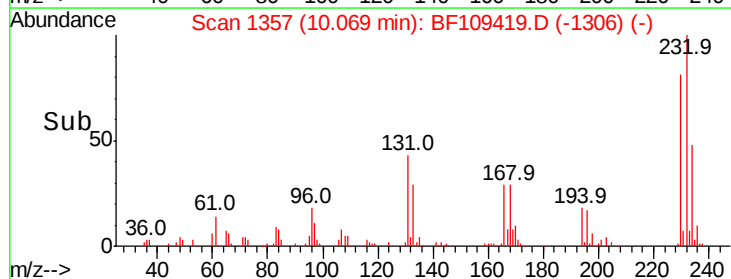
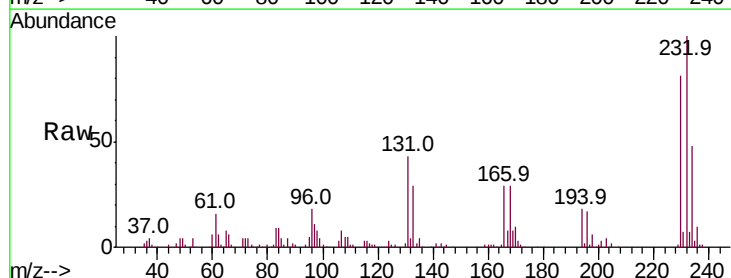
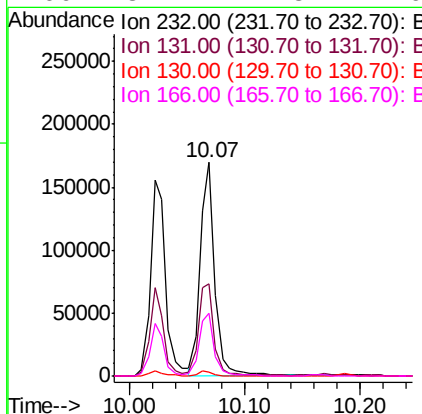
Manual Integrations
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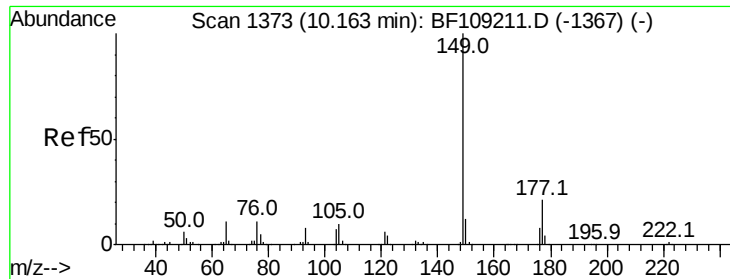
Sohil
 9/28/2018 2:40:38 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.372 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.8	43.8	65.8	
130	2.3	2.1	3.1	
166	31.1	27.8	41.6	





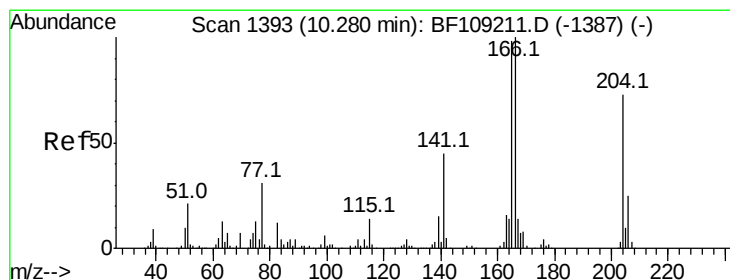
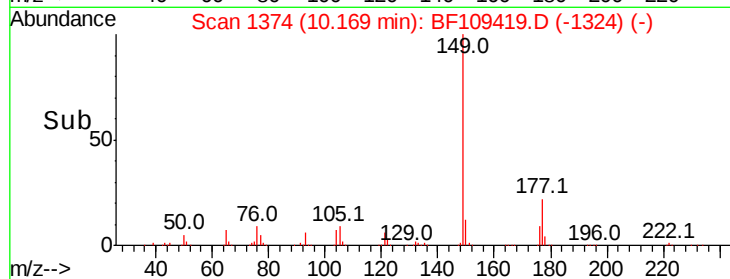
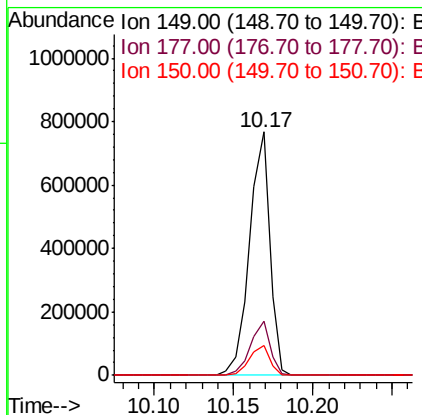
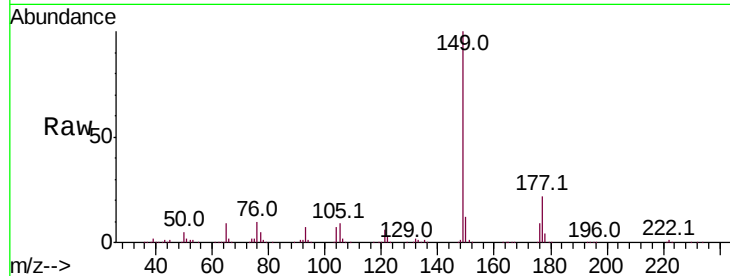
#59
 Diethylphthalate
 Concen: 49.271 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion:	149	Resp:	683877
Ion Ratio	Lower	Upper	
149	100		
177	22.5	16.1	24.1
150	12.3	10.1	15.1

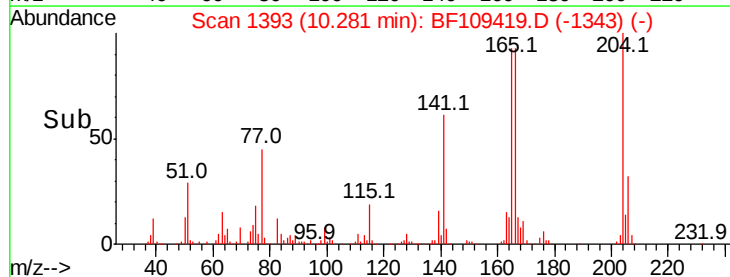
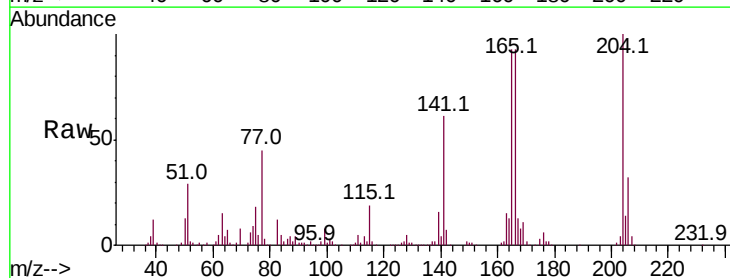
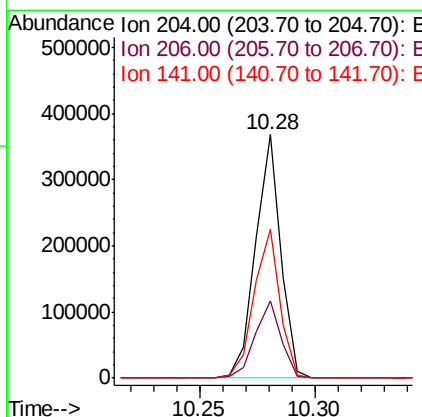
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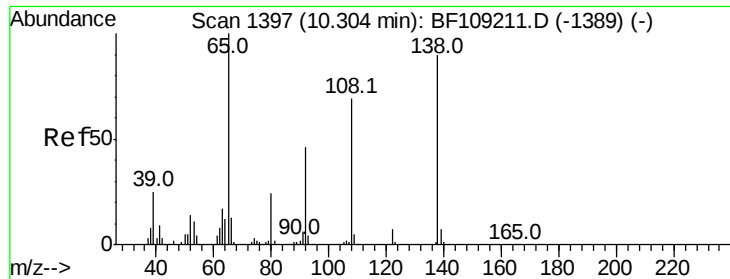
Sohil
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#60
 4-Chlorophenyl-phenylether
 Concen: 45.333 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion:	204	Resp:	281086
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.5	39.7
141	61.1	54.6	81.8





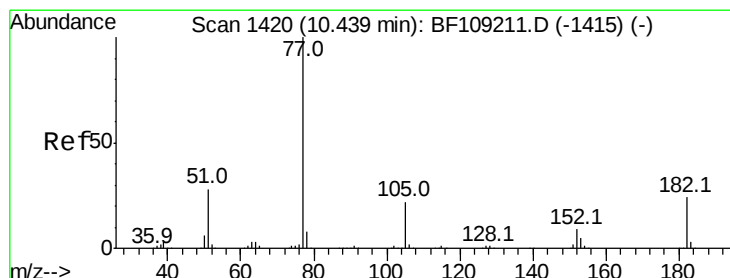
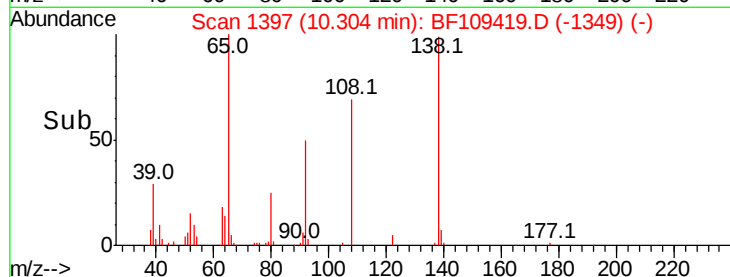
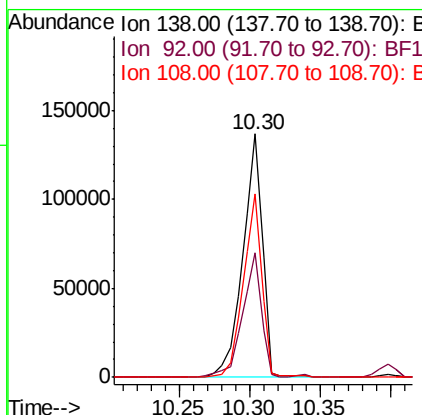
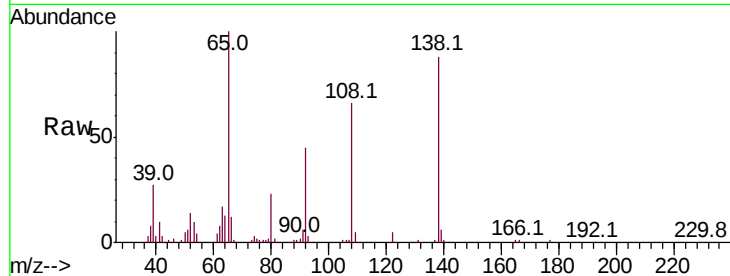
#61
4-Nitroaniline
Concen: 43.196 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	30.2	70.2
108	75.3	52.5	92.5

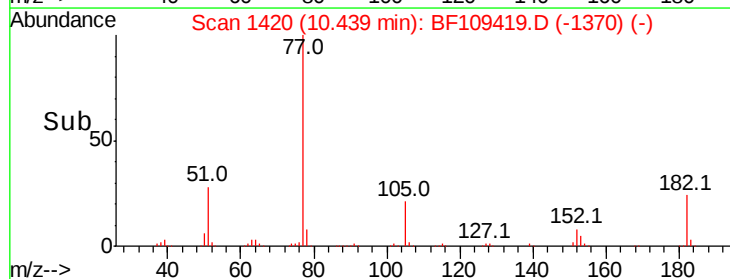
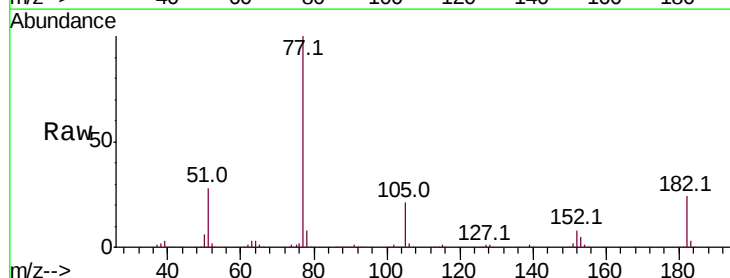
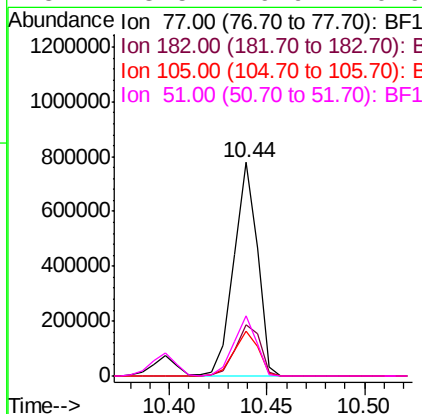
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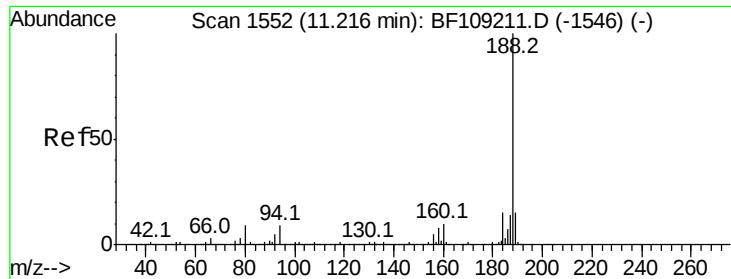
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#62
Azobenzene
Concen: 45.377 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	21.3	3.0	43.0
51	28.5	9.9	49.9





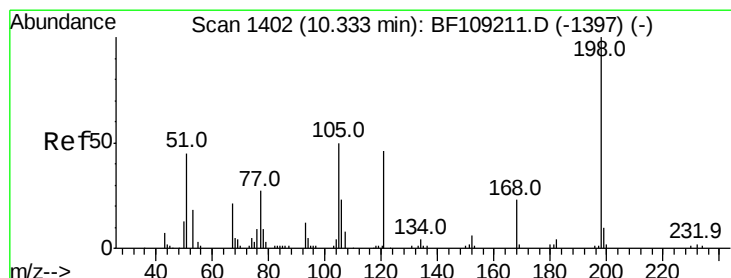
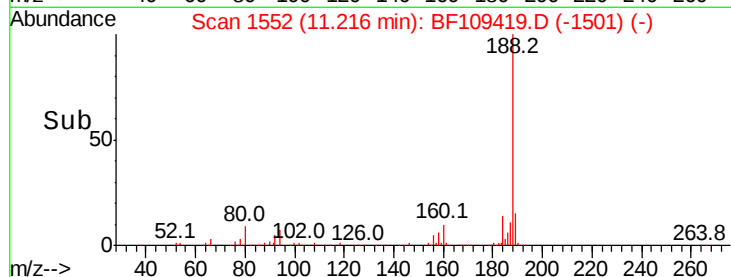
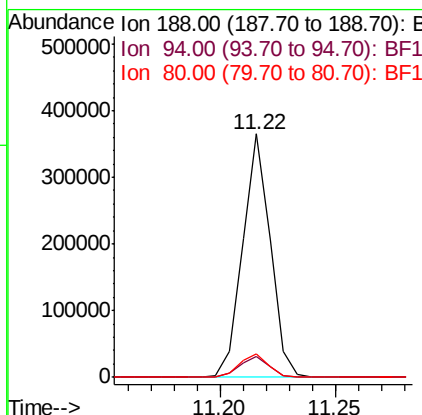
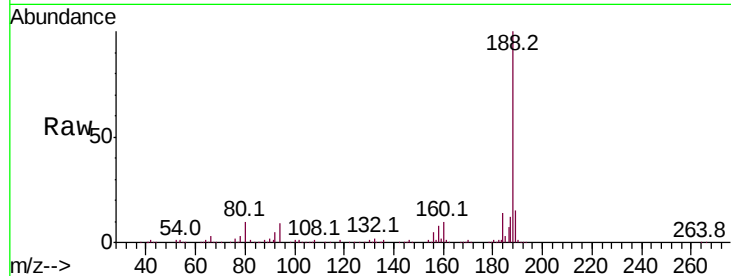
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	304979		
94	8.7		8.5	12.7
80	9.5		9.2	13.8

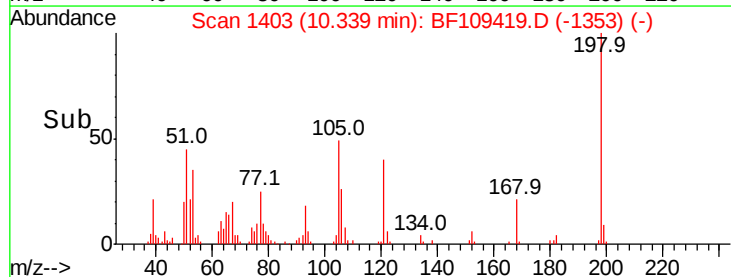
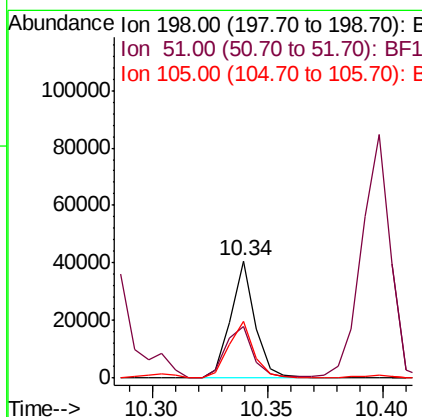
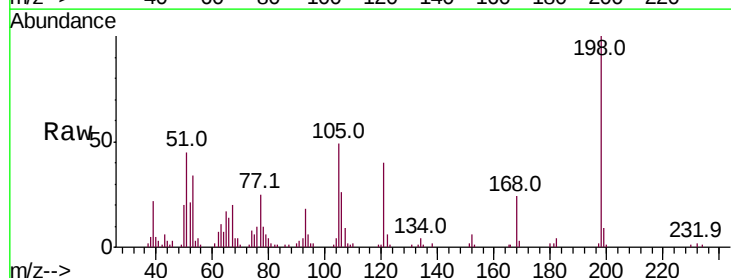
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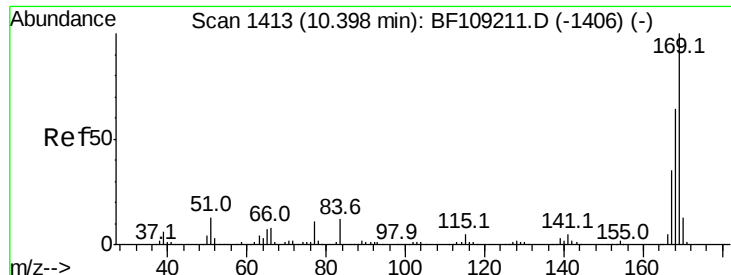
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.879 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30170		
51	44.6		37.7	77.7
105	48.5		36.3	76.3





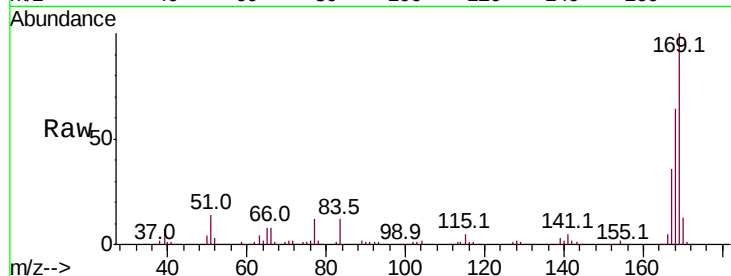
#65
n-Nitrosodiphenylamine
Concen: 55.347 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	557693		
168	64.0		54.4	81.6
167	35.6		29.8	44.6

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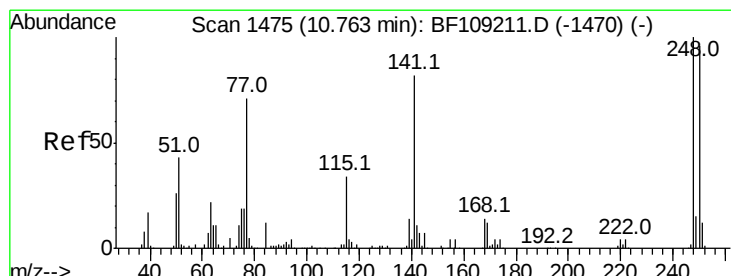
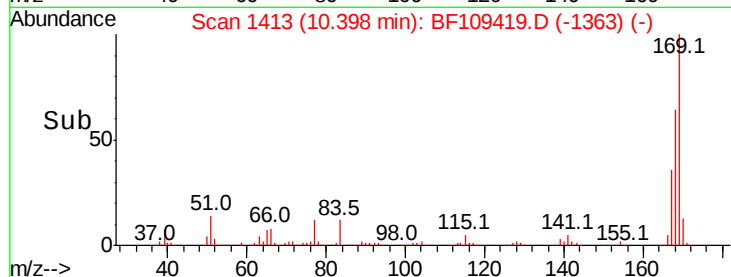
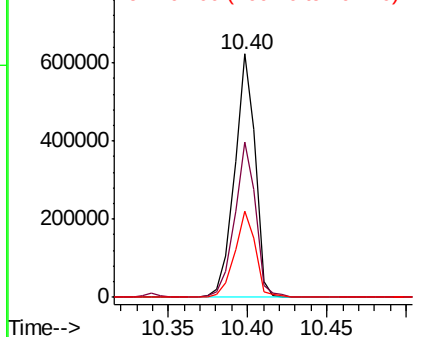


Abundance

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: 54.216 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

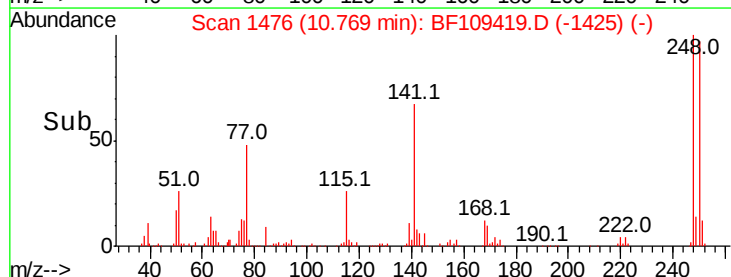
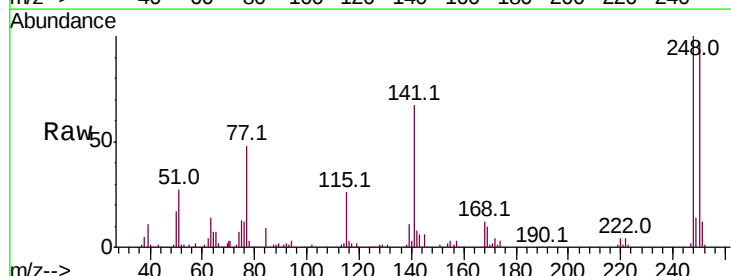
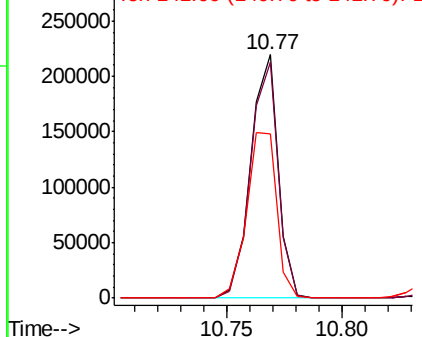
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	183612		
250	96.8		76.9	115.3
141	67.3		74.4	111.6#

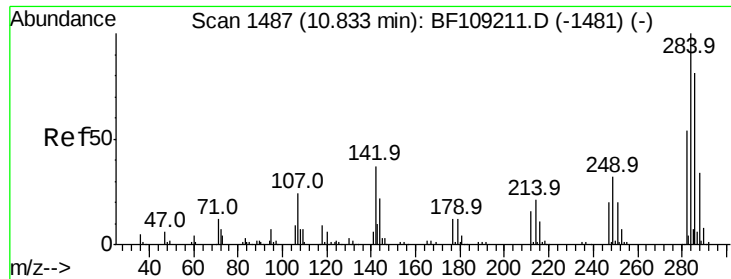
Abundance

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: 49.674 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Instrument :

BNA_F

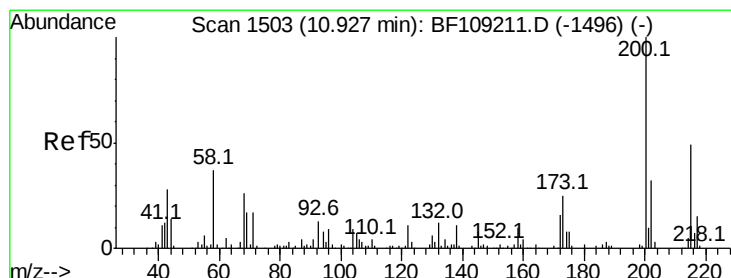
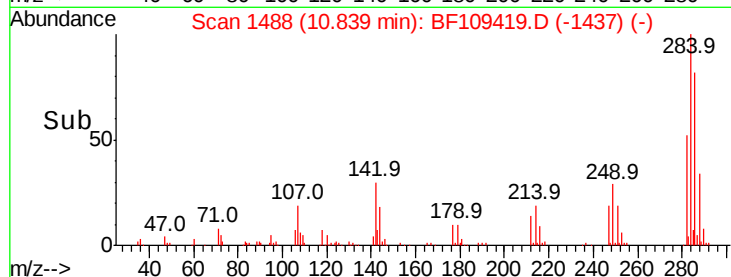
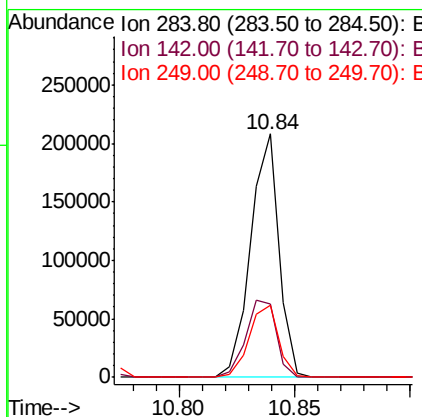
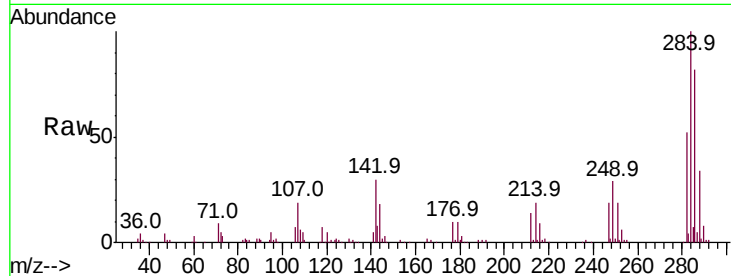
ClientSampleId :

PB113249BSD

Tot Ion:	284	Resp:	178671
Ion Ratio	Lower	Upper	
284	100		
142	30.1	34.6	52.0#
249	29.4	24.8	37.2

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#68

Atrazine

Concen: 57.673 ng

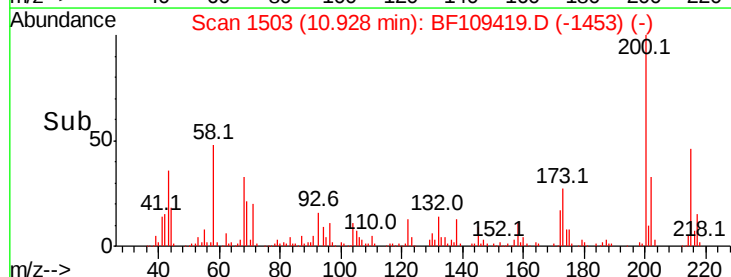
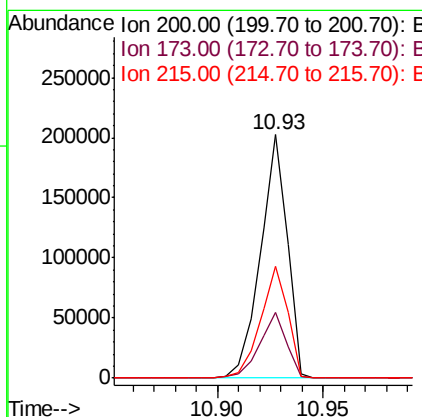
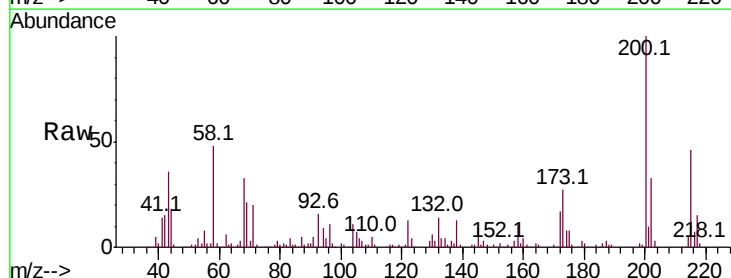
RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109419.D

Acq: 28 Sep 2018 7:03

Tgt Ion:	200	Resp:	178728
Ion Ratio	Lower	Upper	
200	100		
173	26.7	8.6	48.6
215	45.8	25.1	65.1





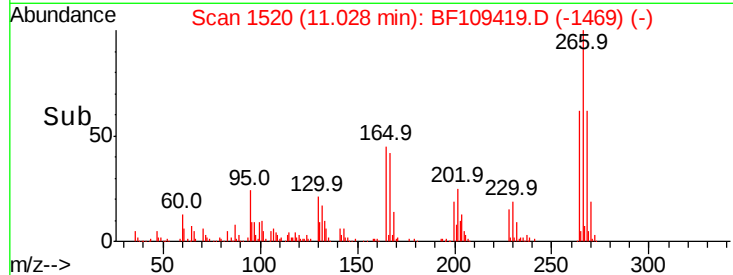
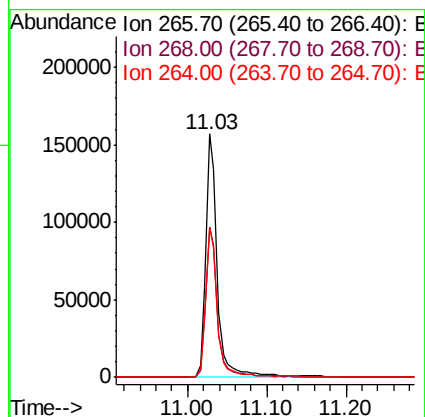
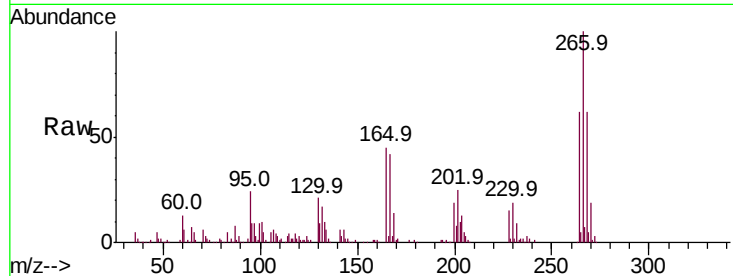
#69
 Pentachlorophenol
 Concen: 76.193 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.9	51.1	76.7	
264	61.6	49.5	74.3	

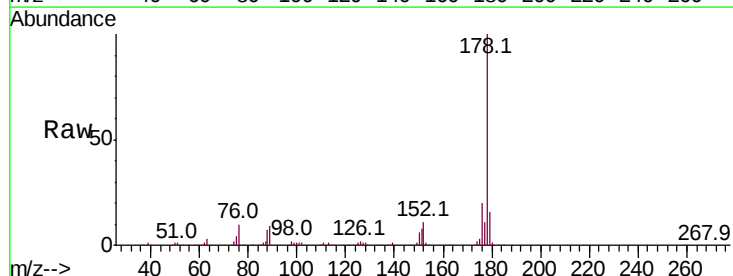
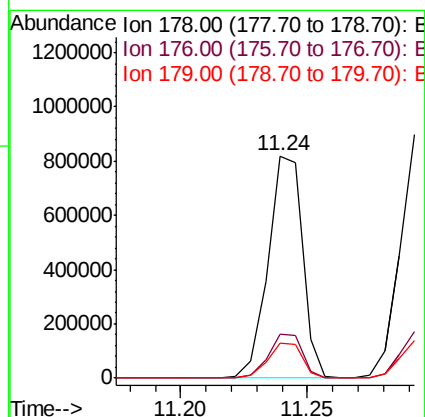
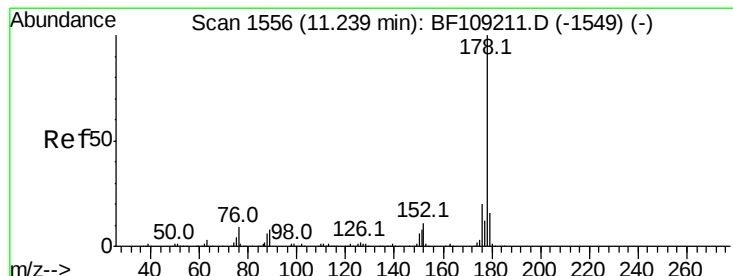
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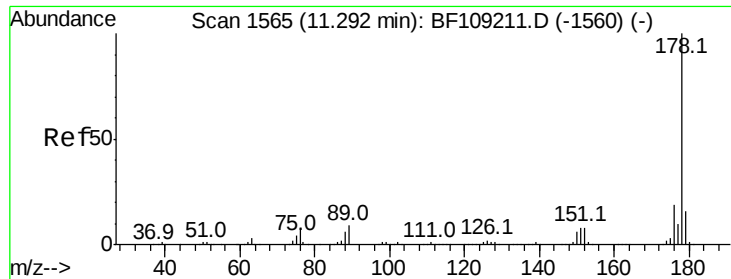
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#70
 Phenanthrene
 Concen: 50.713 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	15.8	23.8	
179	15.7	13.0	19.6	





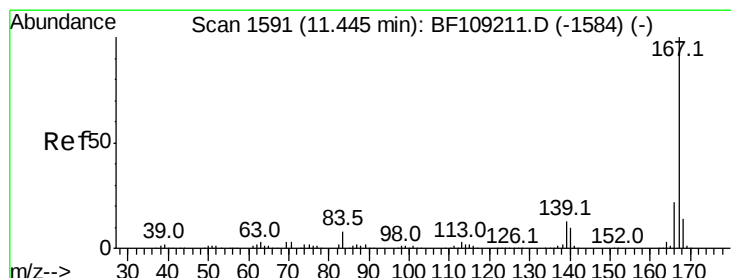
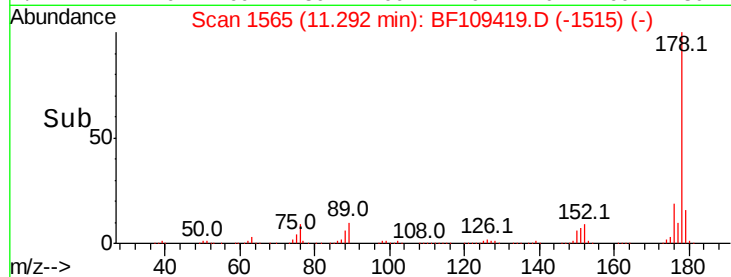
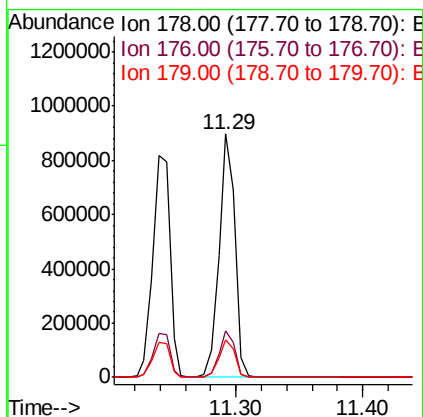
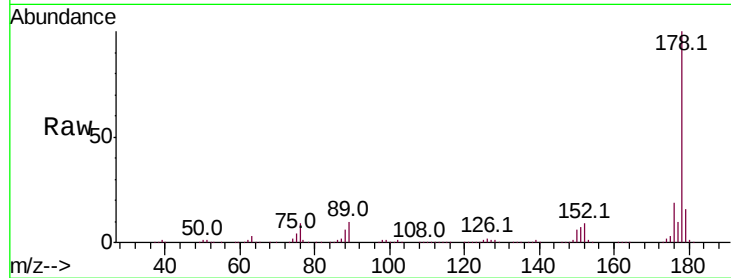
#71
 Anthracene
 Concen: 51.139 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	789828		
176	19.0		15.4	23.2
179	15.6		12.6	19.0

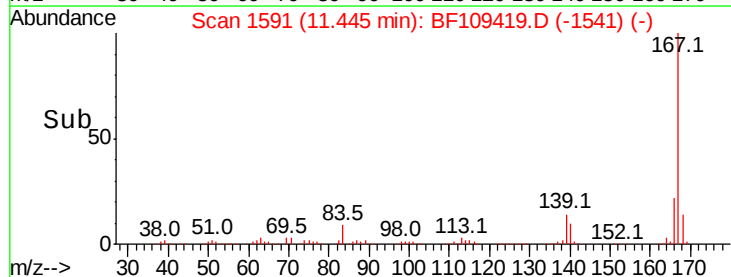
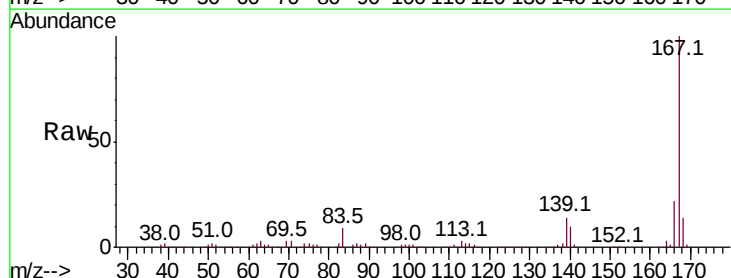
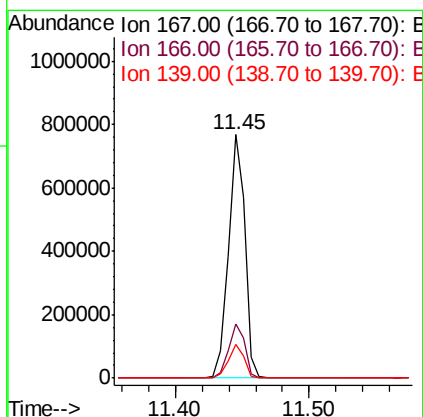
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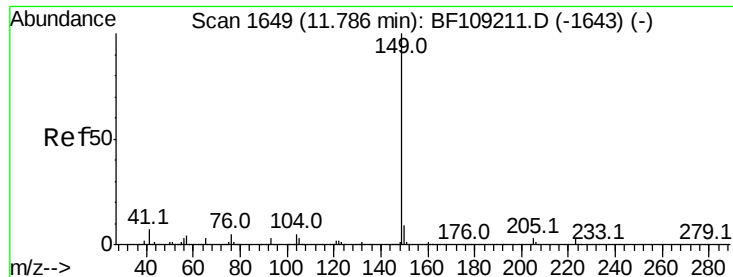
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#72
 Carbazole
 Concen: 43.580 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	669687		
166	22.4		17.6	26.4
139	13.7		10.9	16.3





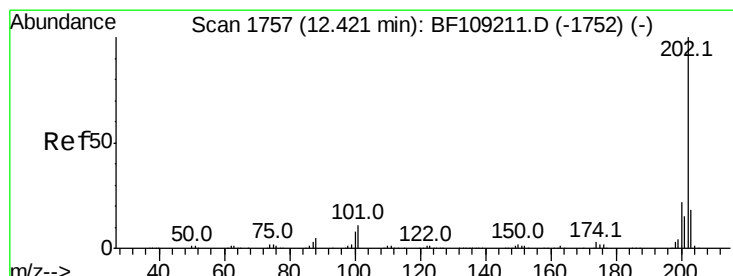
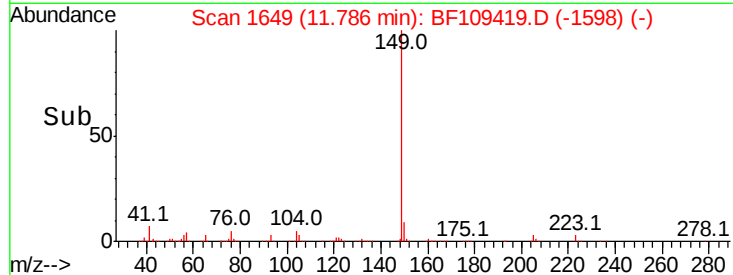
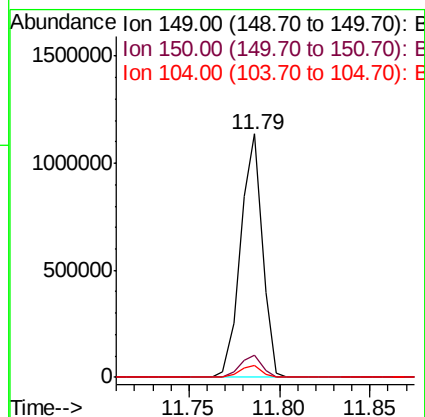
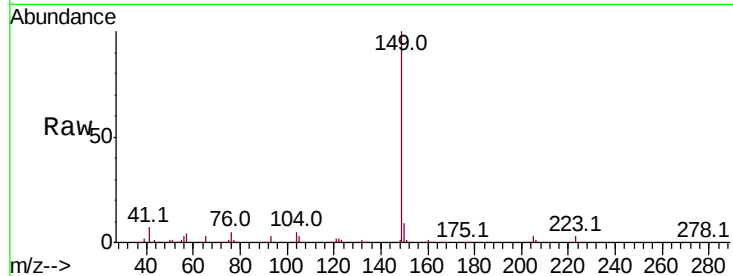
#73
Di-n-butylphthalate
Concen: 53.601 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.6	
104	5.1	3.8	5.8	

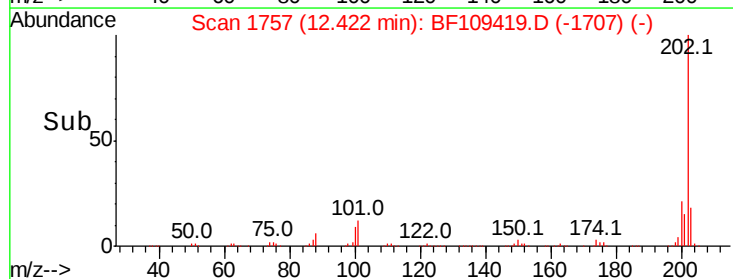
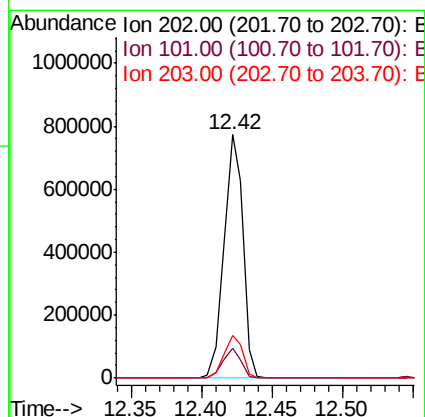
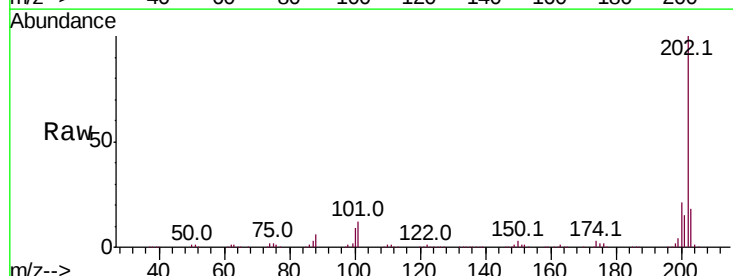
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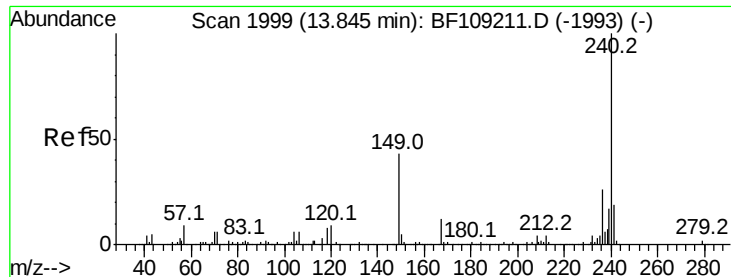
Sohil
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#74
Fluoranthene
Concen: 44.040 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.1	0.0	34.1	
203	17.7	0.0	38.1	





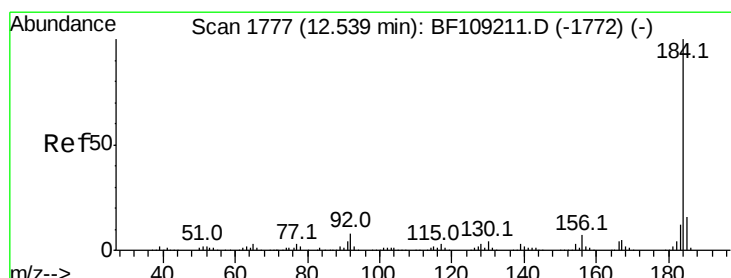
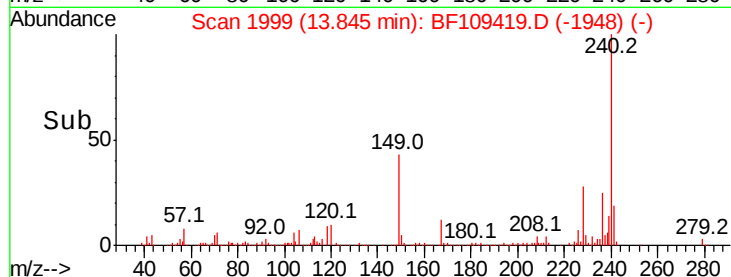
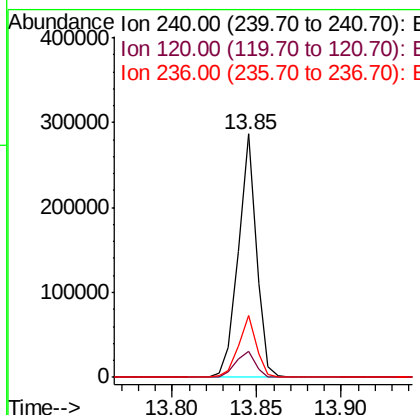
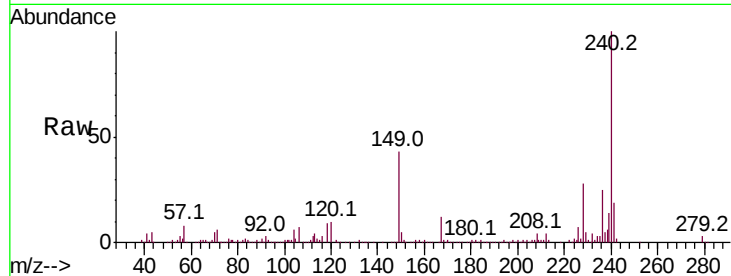
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.5	9.5	14.3	
236	25.5	20.7	31.1	

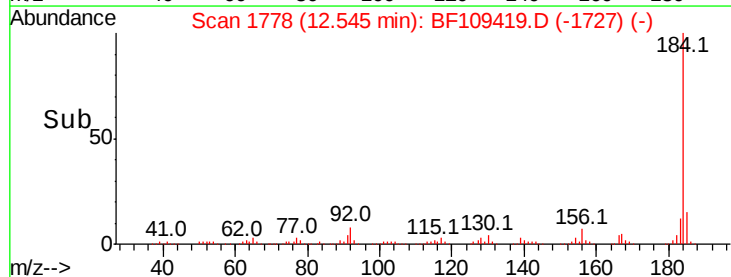
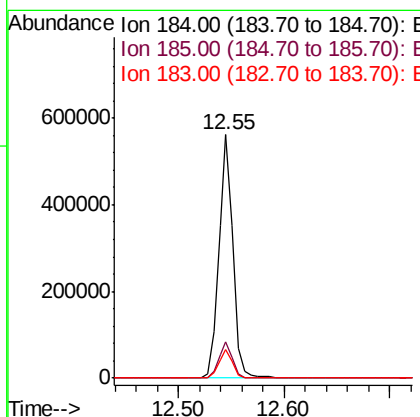
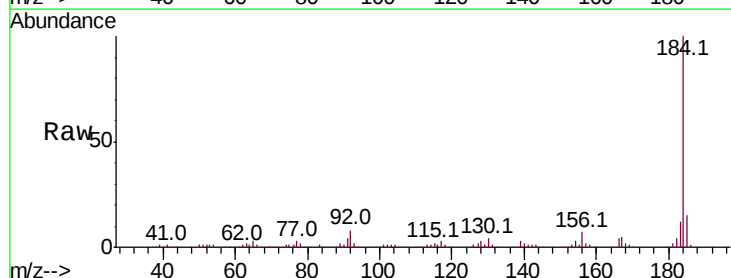
Manual Integrations
APPROVED

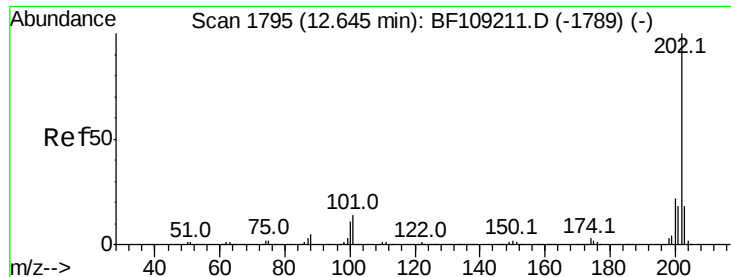
Sohil
9/28/2018 2:40:38 PM



#76
Benzidine
Concen: 69.219 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.6	18.8	
183	11.6	9.3	13.9	





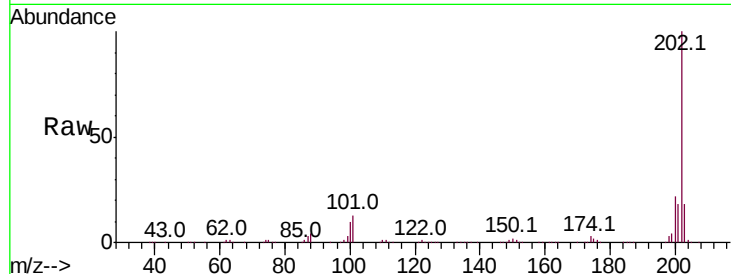
#77
Pvrene
Concen: 46.557 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5

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Sohil
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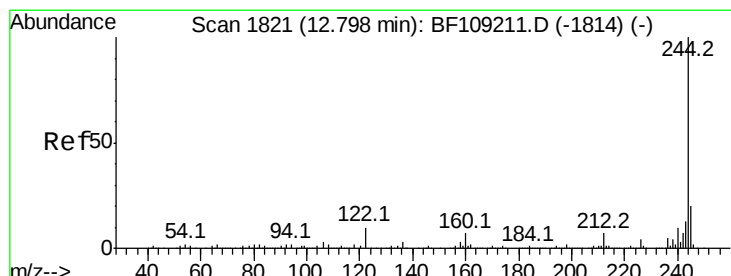
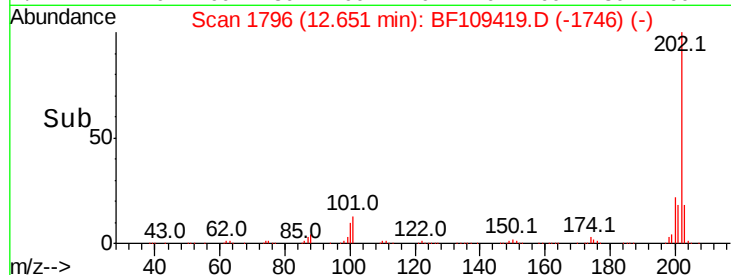
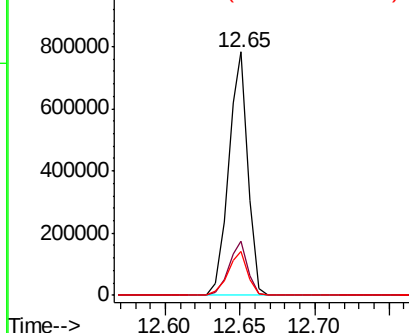


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 114.651 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

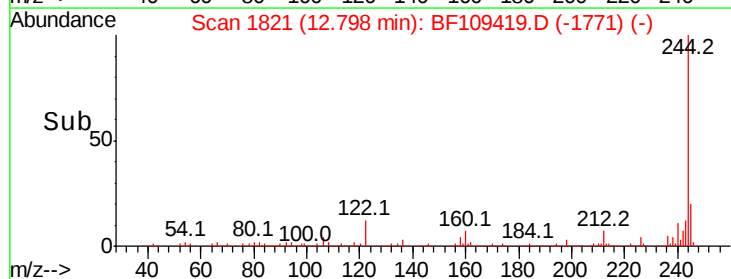
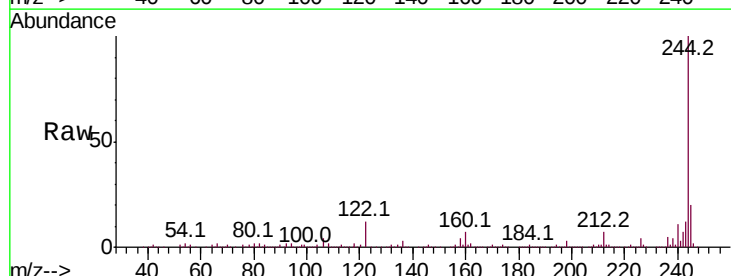
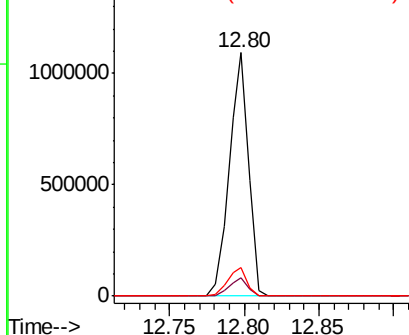
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.0	11.0	16.4

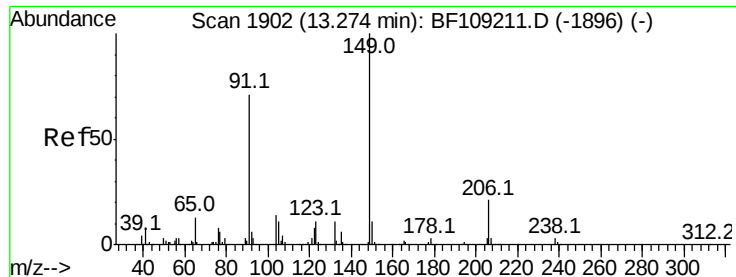
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





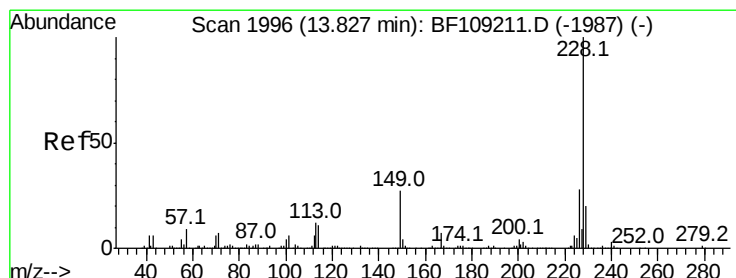
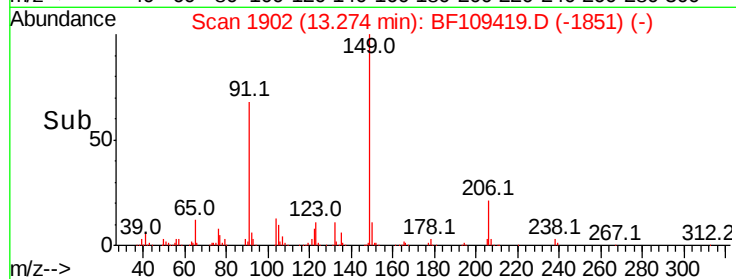
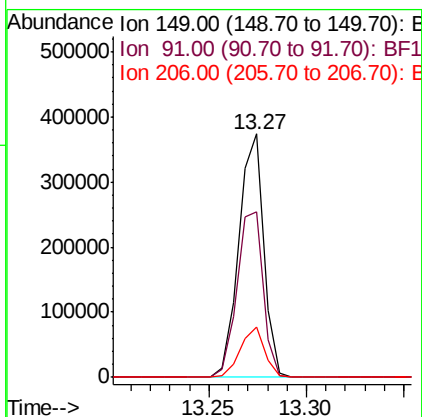
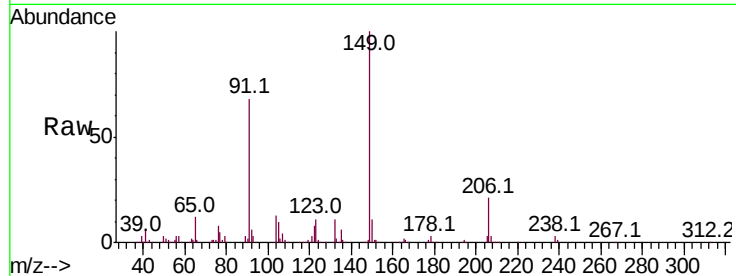
#79
Butylbenzylphthalate
Concen: 50.866 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.7	56.8	85.2	
206	20.7	14.1	21.1	

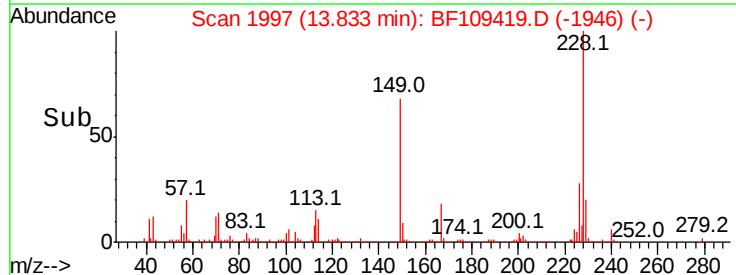
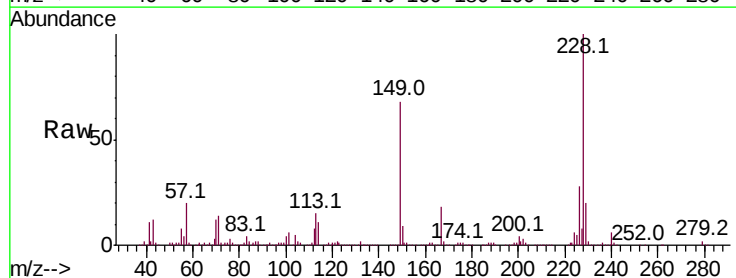
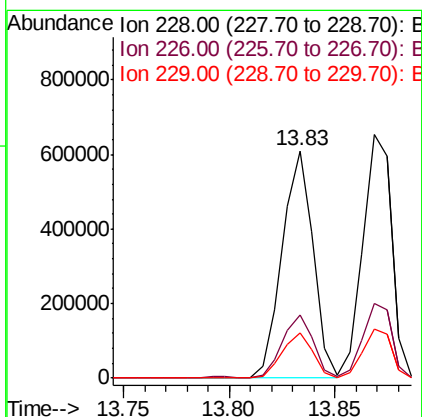
Manual Integrations
APPROVED

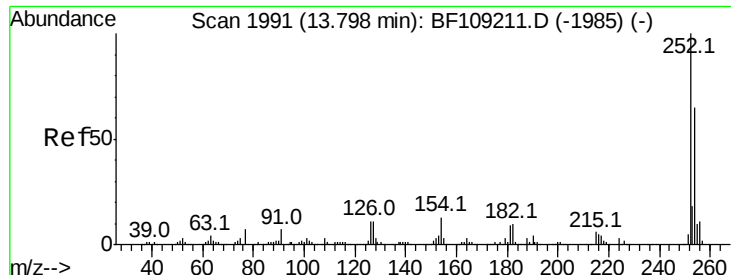
Sohil
9/28/2018 2:40:38 PM



#80
Benzo(a)anthracene
Concen: 48.838 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	22.6	33.8	
229	19.8	15.8	23.6	





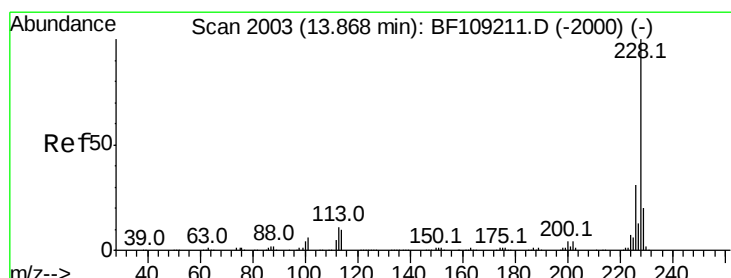
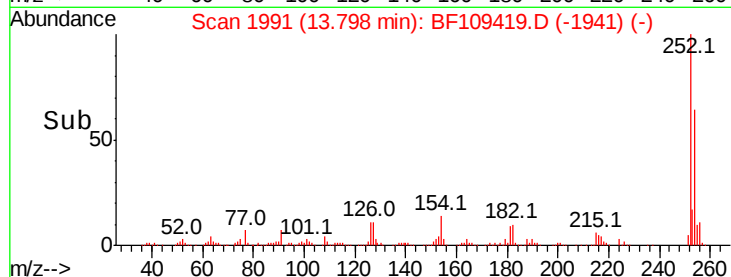
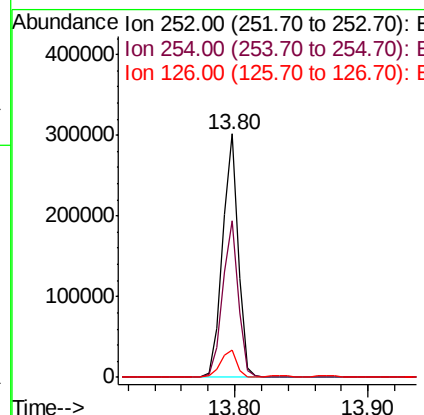
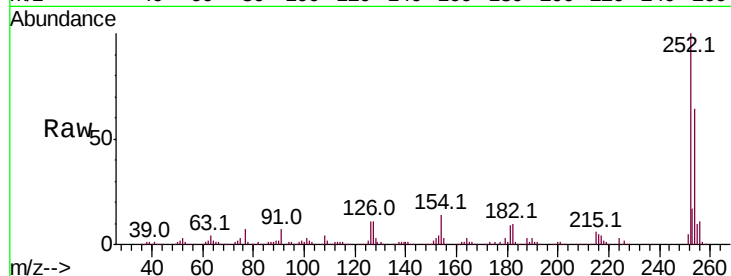
#81
 3,3'-Dichlorobenzidine
 Concen: 51.646 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9

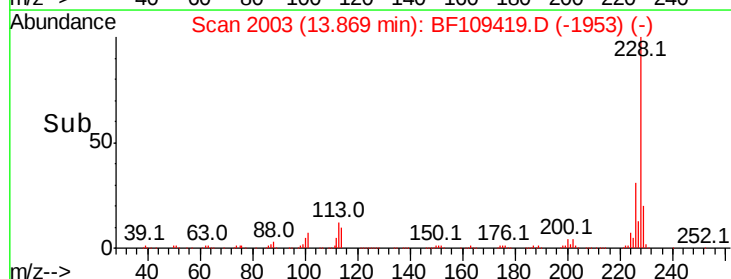
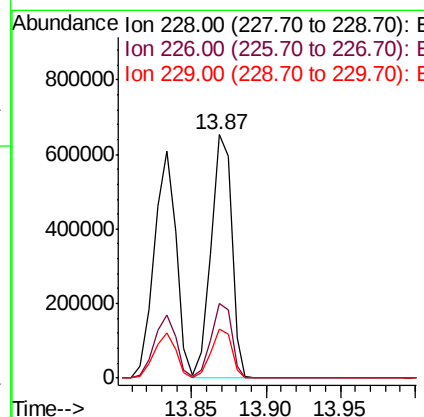
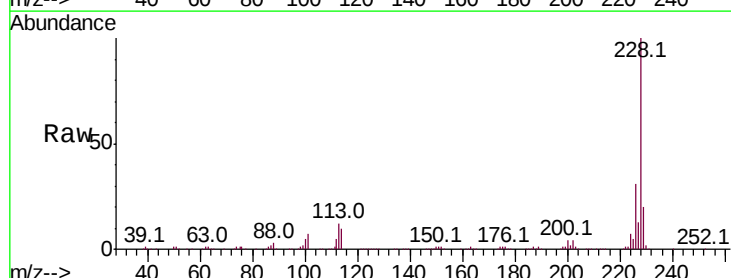
Manual Integrations
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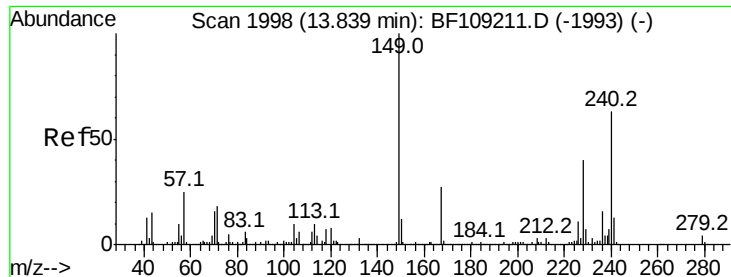
Sohil
 9/28/2018 2:40:38 PM



#82
 Chrysene
 Concen: 49.303 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4





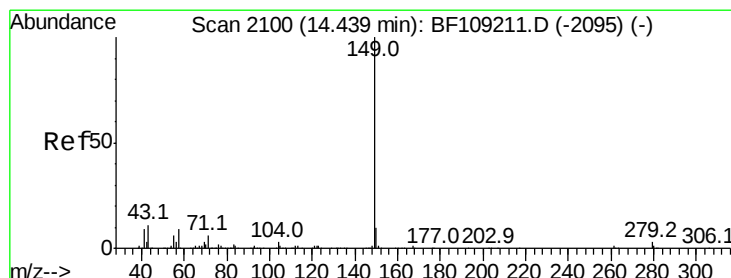
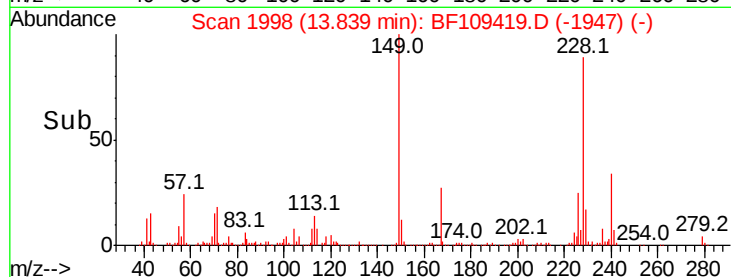
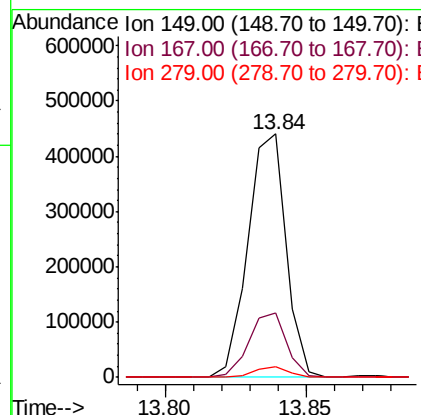
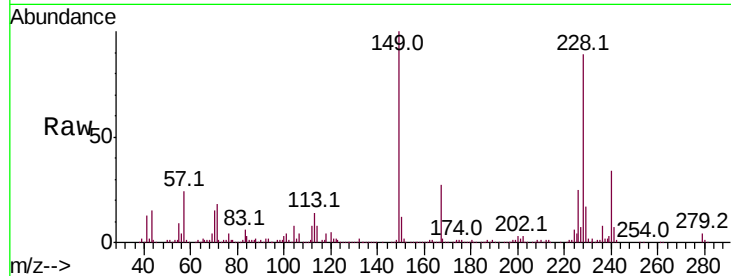
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.737 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	414840		
167	26.6	21.3	31.9	
279	4.2	3.0	4.4	

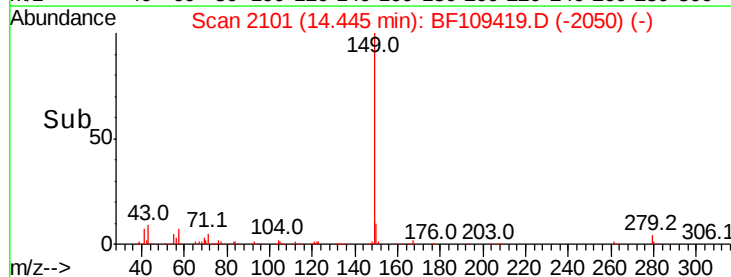
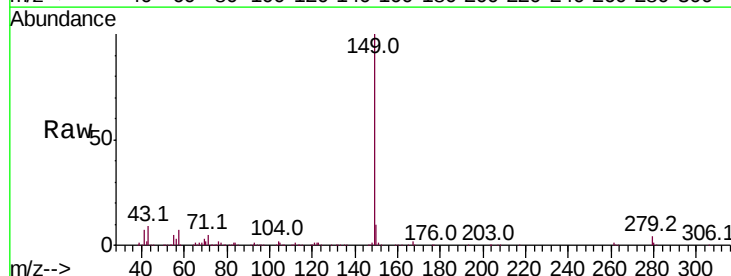
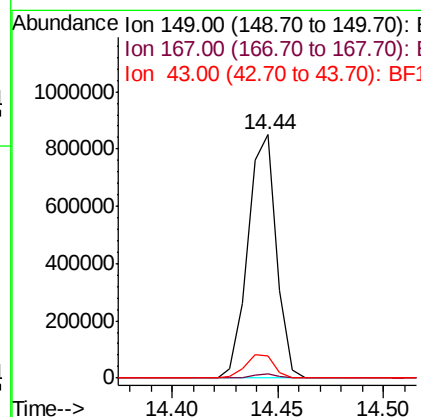
Manual Integrations
 APPROVED

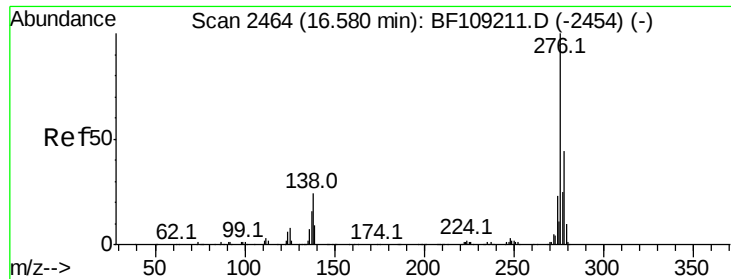
Sohil
 9/28/2018 2:40:38 PM



#84
 Di-n-octyl phthalate
 Concen: 56.705 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	792731		
167	1.5	1.2	1.8	
43	9.6	8.4	12.6	





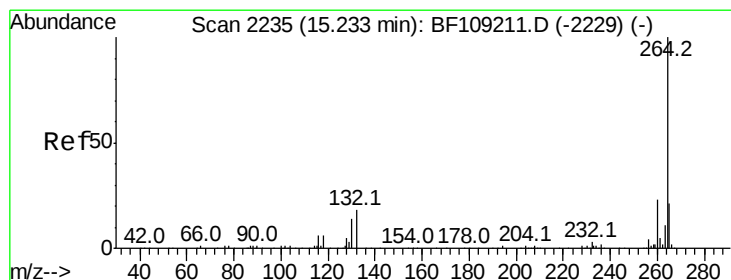
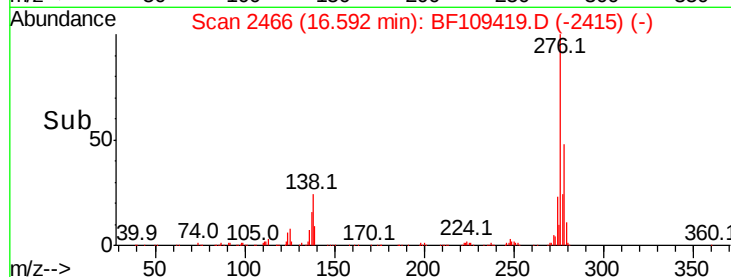
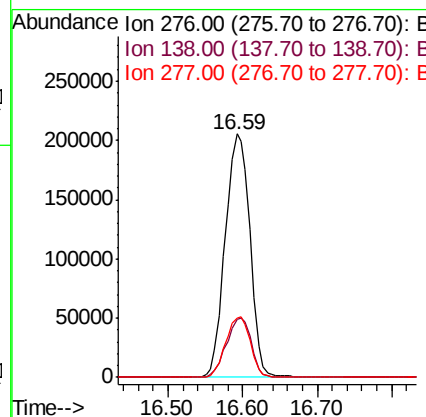
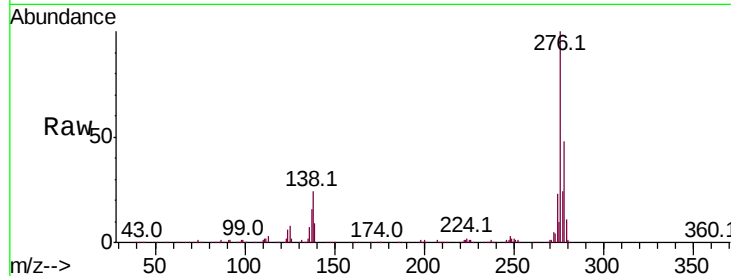
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.951 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.1	20.1	30.1

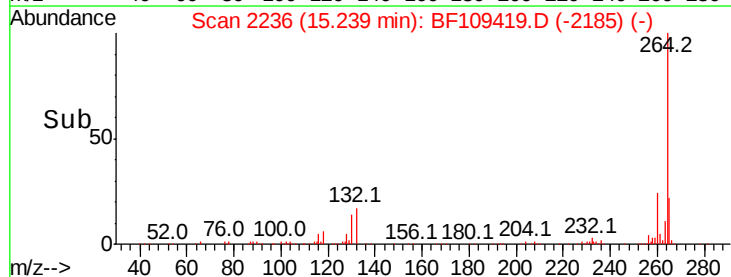
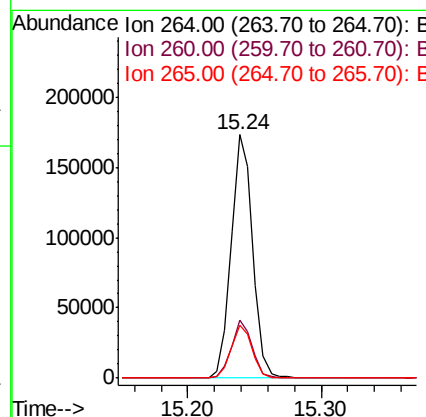
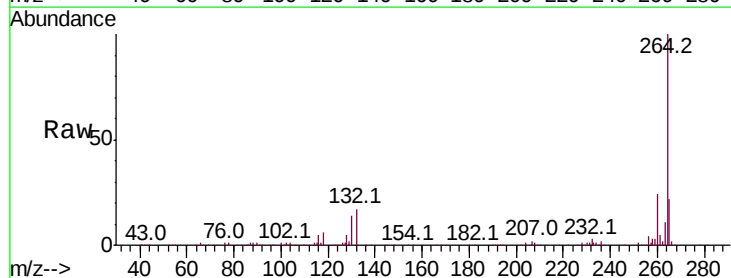
Manual Integrations
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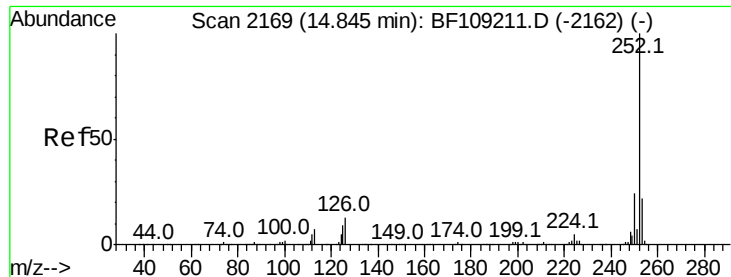
Sohil
9/28/2018 2:40:38 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3





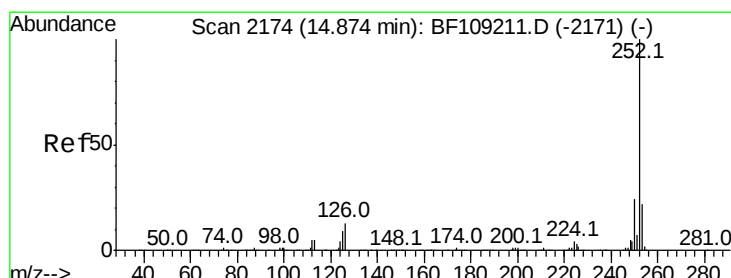
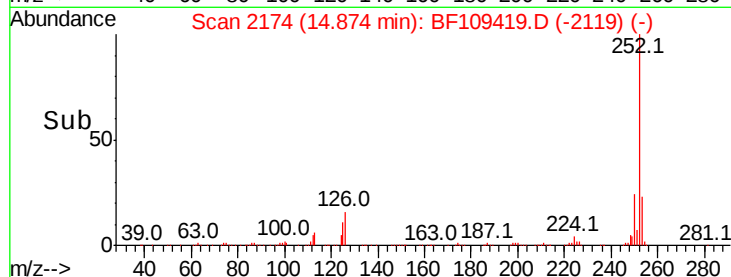
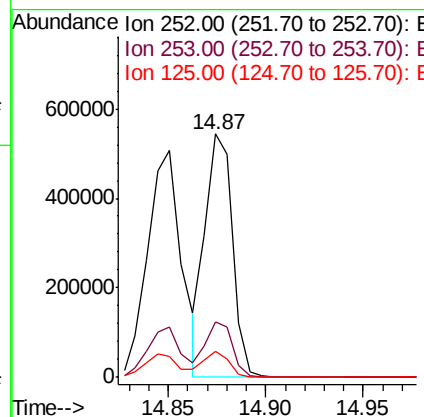
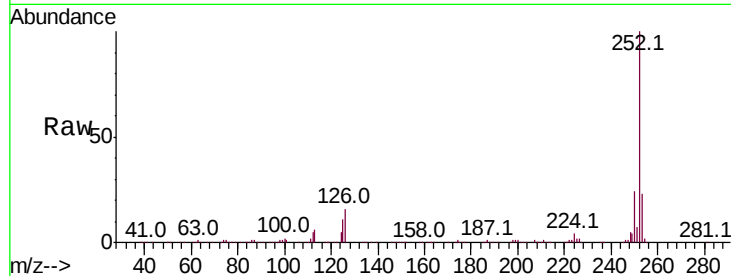
#87
Benzo(b)fluoranthene
Concen: 49.163 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.8	9.0	13.6

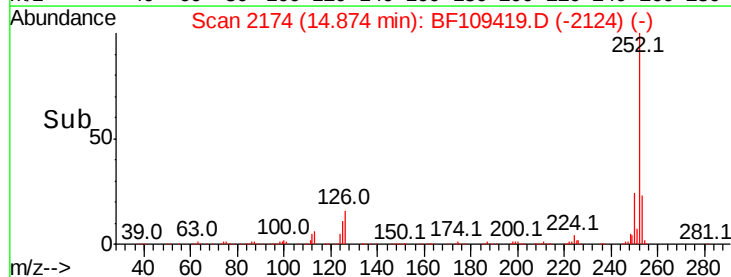
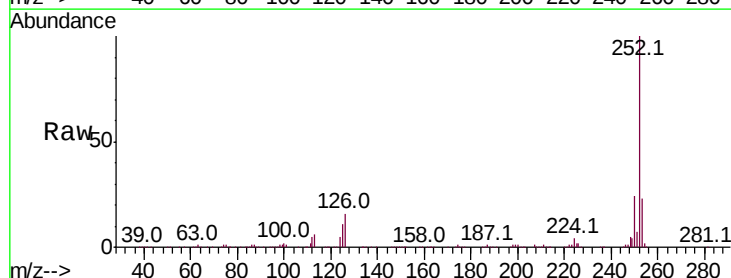
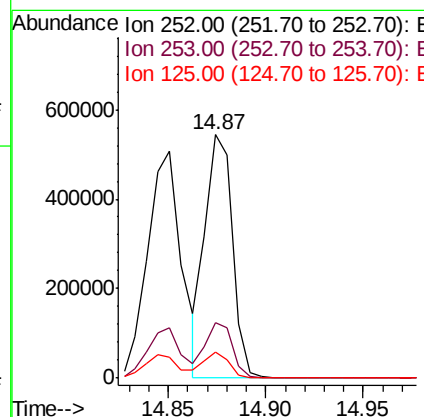
Manual Integrations
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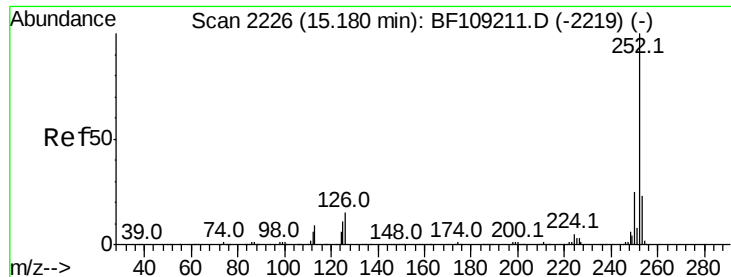
Sohil
9/28/2018 2:40:38 PM



#88
Benzo(k)fluoranthene
Concen: 51.810 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.8	10.2	15.2





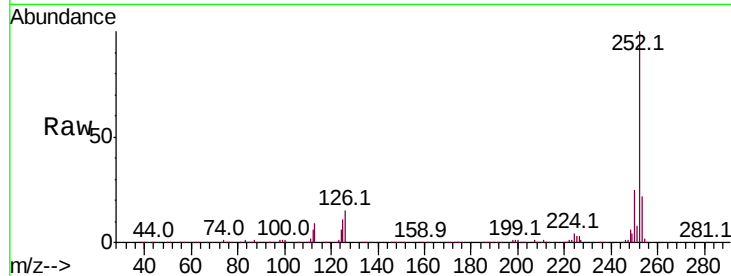
#89
Benzo(a)pyrene
Concen: 53.459 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

Instrument :
BNA_F
ClientSampleId :
PB113249BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	519241		
253	22.4	17.1	25.7	
125	11.2	9.8	14.6	

Manual Integrations
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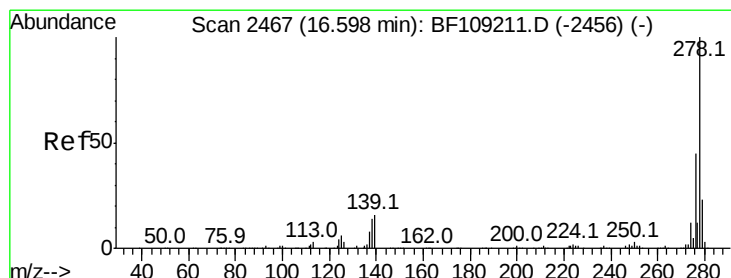
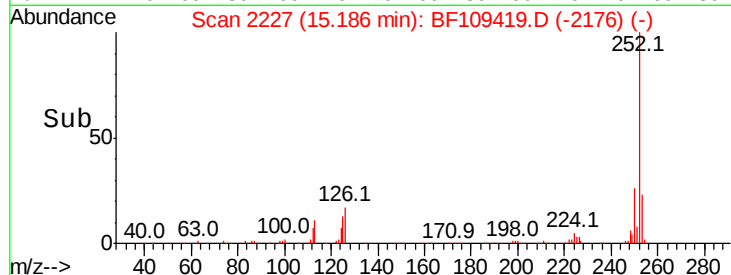
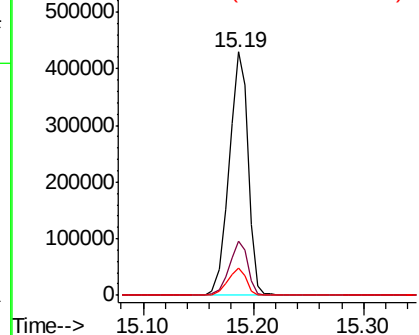


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 50.498 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109419.D
Acq: 28 Sep 2018 7:03

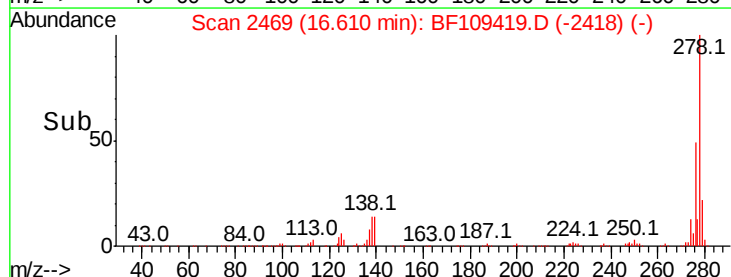
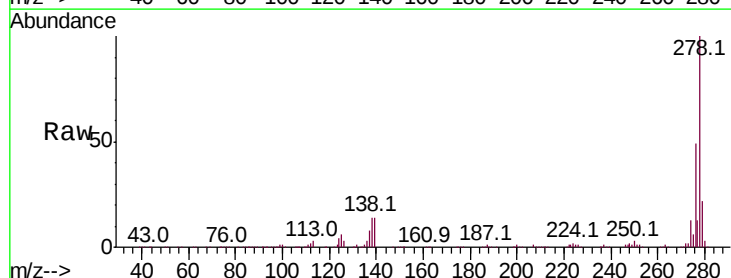
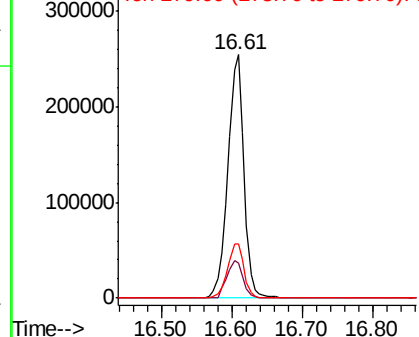
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	402385		
139	14.5	15.9	23.9#	
279	22.5	19.0	28.4	

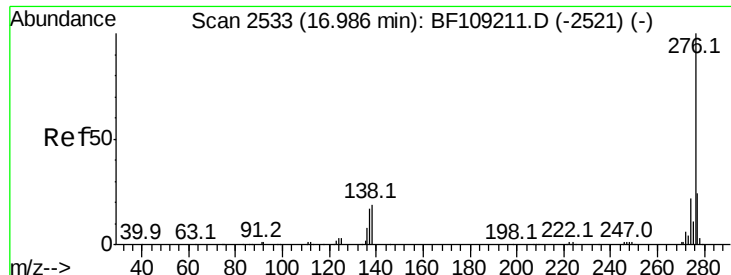
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.058 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109419.D
 Acq: 28 Sep 2018 7:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BSD

Tot Ion:	276	Resp:	384192
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.1	21.8	32.8

Manual Integrations
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Sohil
 9/28/2018 2:40:38 PM

