

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108421.D
 Acq On : 23 Aug 2018 12:20
 Operator : JU/SJ
 Sample : PB112242BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Manual Integrations
 APPROVED

Sohil
 8/24/2018 12:13:58 PM

Quant Time: Aug 23 12:49:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	143483	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	542672	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	284886	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	570158	20.00	ng	0.00
75) Chrysene-d12	14.20	240	410186	20.00	ng	0.00
86) Perylene-d12	15.75	264	285408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	967848	122.12	ng	0.01
7) Phenol-d6	6.63	99	1342367	127.46	ng	0.00
23) Nitrobenzene-d5	7.57	82	894379	91.97	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	421101	148.19	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1718222	96.83	ng	0.00
78) Terphenyl-d14	13.13	244	1853422	114.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	131729	32.348	ng	91
3) Pyridine	3.75	79	373077	35.564	ng	85
4) n-Nitrosodimethylamine	3.72	42	212432	35.989	ng	85
6) Aniline	6.67	93	415289	28.990	ng	96
8) 2-Chlorophenol	6.79	128	383506	42.965	ng	95
9) Benzaldehyde	6.55	77	239473	29.328	ng	95
10) Phenol	6.64	94	482862	44.325	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	365581	41.510	ng	94
12) 1,3-Dichlorobenzene	6.94	146	419874	40.682	ng	98
13) 1,4-Dichlorobenzene	7.02	146	425534	41.037	ng	98
14) 1,2-Dichlorobenzene	7.17	146	400827	41.557	ng	99
15) Benzyl Alcohol	7.14	79	344176	38.820	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	697800	38.460	ng	99
17) 2-Methylphenol	7.25	107	348558	45.536	ng	94
18) Hexachloroethane	7.51	117	154196	41.768	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	290490	40.789	ng	93
20) 3+4-Methylphenols	7.40	107	418332	42.647	ng	# 74
22) Acetophenone	7.41	105	556047	43.821	ng	# 94
24) Nitrobenzene	7.58	77	437755	44.514	ng	95
25) Isophorone	7.82	82	810866	43.745	ng	97
26) 2-Nitrophenol	7.90	139	197146	53.084	ng	92
27) 2,4-Dimethylphenol	7.93	122	374105	45.473	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	484387	44.763	ng	99
29) 2,4-Dichlorophenol	8.14	162	354529	46.827	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	371223	44.472	ng	97
31) Naphthalene	8.31	128	1123253	45.513	ng	99
32) Benzoic acid	8.05	122	147423	33.011	ng	92
33) 4-Chloroaniline	8.35	127	208529	19.389	ng	99
34) Hexachlorobutadiene	8.41	225	239462	45.316	ng	98
35) Caprolactam	8.73	113	104900m	44.214	ng	
36) 4-Chloro-3-methylphenol	8.84	107	382448	46.826	ng	98
37) 2-Methylnaphthalene	9.00	142	796670	45.625	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	400648	45.796	ng	98
40) Hexachlorocyclopentadiene	9.15	237	406891	72.006	ng	99

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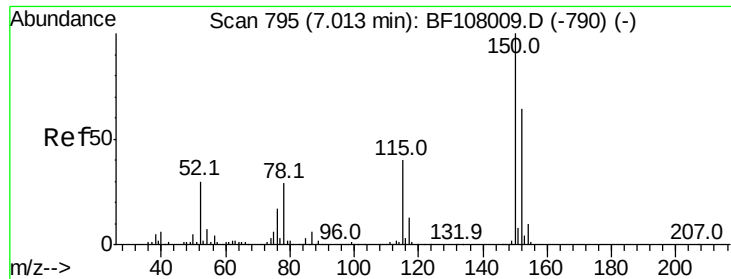
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	262440	48.341	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	286204	47.890	nq	97
45) 1,1'-Biphenyl	9.47	154	982006	46.752	nq	98
46) 2-Chloronaphthalene	9.50	162	754838	45.469	nq	97
47) 2-Nitroaniline	9.59	65	253874	47.263	nq	88
48) Acenaphthylene	9.91	152	1214366	46.270	nq	99
49) Dimethylphthalate	9.76	163	929712	46.850	nq	99
50) 2,6-Dinitrotoluene	9.83	165	198849	47.894	nq	96
51) Acenaphthene	10.08	154	711547	44.264	nq	99
52) 3-Nitroaniline	10.00	138	126816	27.917	nq	96
53) 2,4-Dinitrophenol	10.11	184	113665	73.753	nq	# 20
54) Dibenzofuran	10.26	168	1071443	46.006	nq	99
55) 4-Nitrophenol	10.17	139	283082	82.292	nq	85
56) 2,4-Dinitrotoluene	10.24	165	270798	50.671	nq	# 94
57) Fluorene	10.60	166	849852	46.097	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	241294	48.306	nq	# 86
59) Diethylphthalate	10.46	149	896935	46.676	nq	97
60) 4-Chlorophenyl-phenylether	10.59	204	435990	45.384	nq	89
61) 4-Nitroaniline	10.62	138	206255	45.924	nq	93
62) Azobenzene	10.75	77	899597	45.331	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91598	43.373	nq	93
65) n-Nitrosodiphenylamine	10.71	169	777521	46.147	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	288839	46.616	nq	# 82
67) Hexachlorobenzene	11.15	284	302223	46.358	nq	# 84
68) Atrazine	11.23	200	270266	47.825	nq	97
69) Pentachlorophenol	11.35	266	273555	87.667	nq	98
70) Phenanthrene	11.57	178	1239388	46.087	nq	99
71) Anthracene	11.62	178	1268416	46.019	nq	99
72) Carbazole	11.78	167	1093862	44.668	nq	99
73) Di-n-butylphthalate	12.09	149	1361362	49.079	nq	99
74) Fluoranthene	12.77	202	1338267	45.597	nq	96
76) Benzidine	12.88	184	602318	39.302	nq	98
77) Pyrene	13.00	202	1311299	50.495	nq	99
79) Butylbenzylphthalate	13.59	149	562194	54.519	nq	95
80) Benzo(a)anthracene	14.19	228	1097822	46.635	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	172538	20.452	nq	# 96
82) Chrysene	14.23	228	1002594	46.456	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	758352	54.307	nq	98
84) Di-n-octyl phthalate	14.77	149	1171061	54.988	nq	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	777719	41.590	nq	# 90
87) Benzo(b)fluoranthene	15.29	252	817472	47.933	nq	# 96
88) Benzo(k)fluoranthene	15.32	252	755403	48.185	nq	# 96
89) Benzo(a)pyrene	15.69	252	716205	46.898	nq	# 97
90) Dibenzo(a,h)anthracene	17.38	278	651342	51.547	nq	# 94
91) Benzo(g,h,i)perylene	17.87	276	663003	53.286	nq	# 90

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



#1

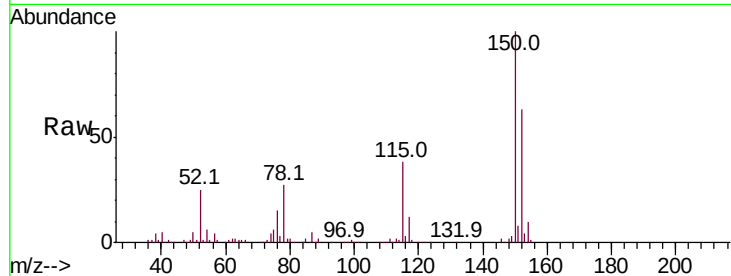
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.2	50.1	75.1

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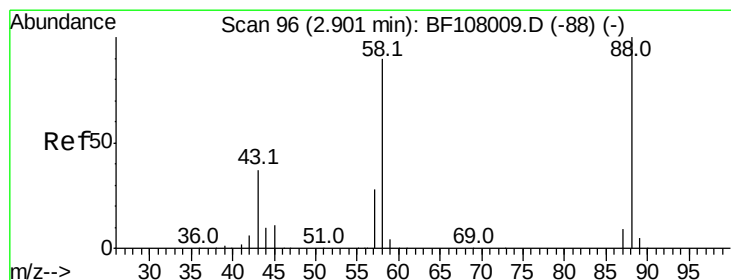
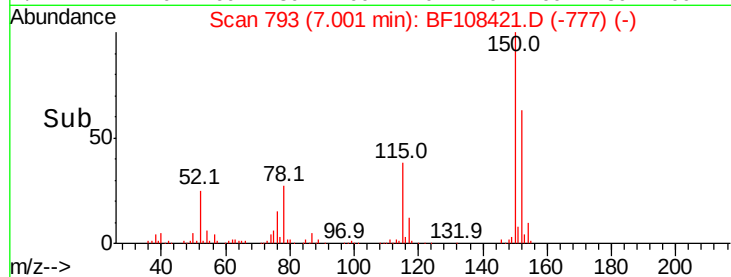
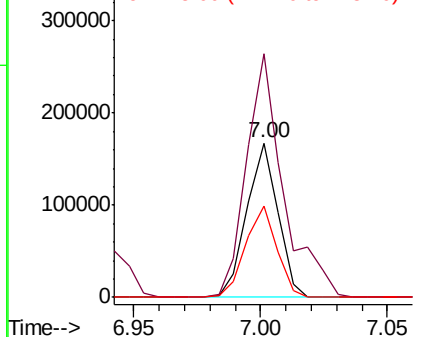


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

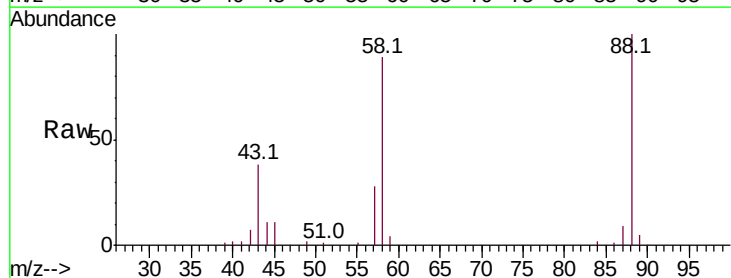
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.348 ng
RT: 3.01 min Scan# 114
Delta R.T. 0.14 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	62.6	93.8
43	35.1	24.6	37.0

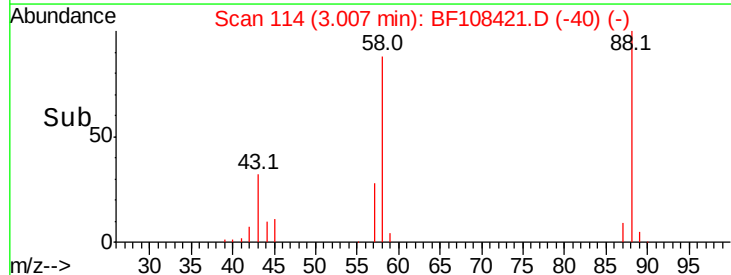
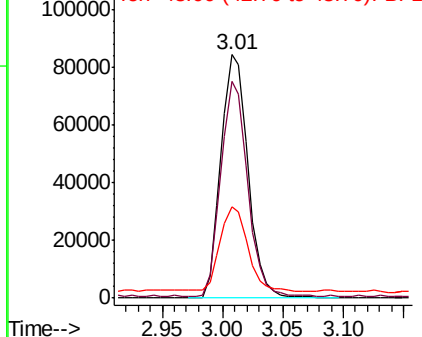


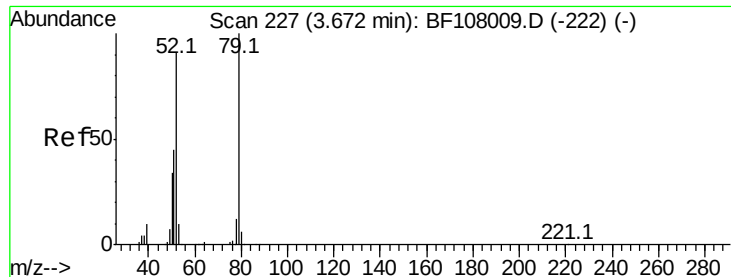
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.564 ng

RT: 3.75 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

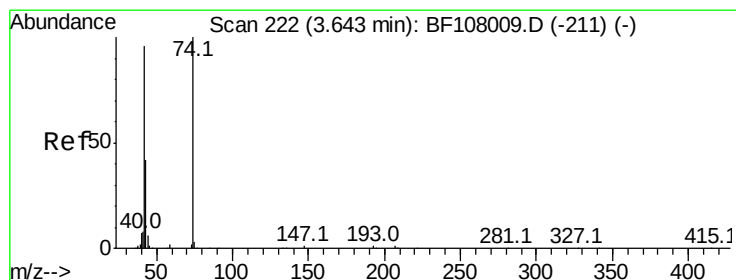
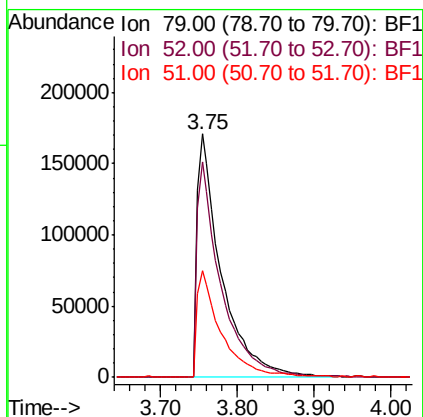
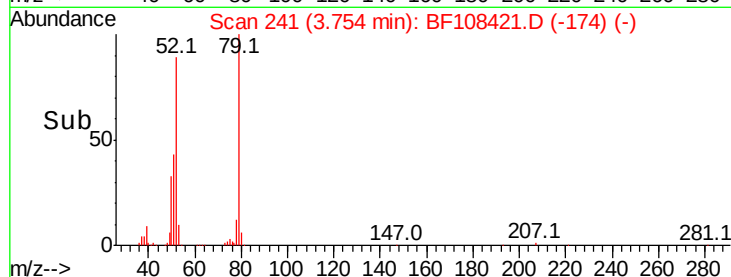
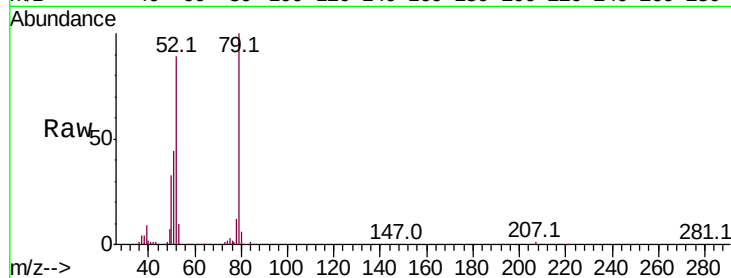
ClientSampleId :

PB112242BSD

Tot Ion:	79	Resp:	373077
Ion Ratio	Lower	Upper	
79	100		
52	88.7	59.8	89.6
51	43.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.989 ng

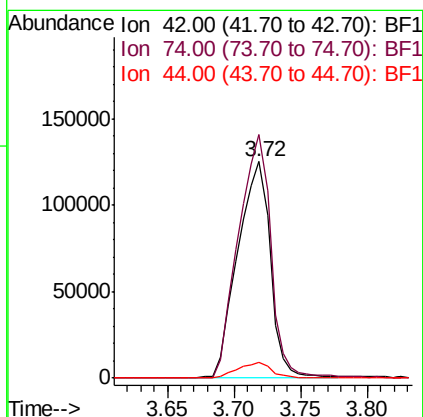
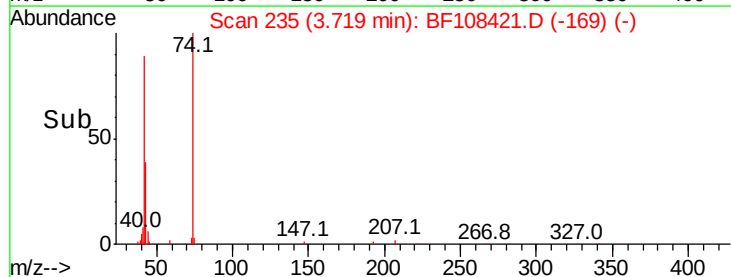
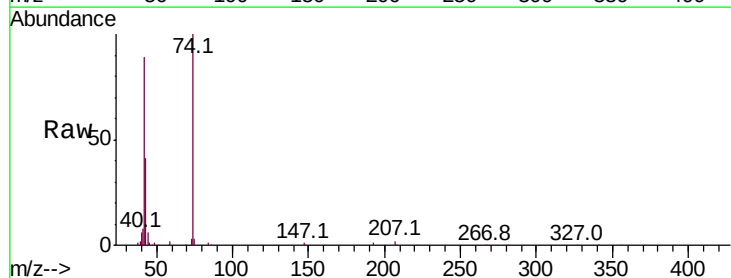
RT: 3.72 min Scan# 235

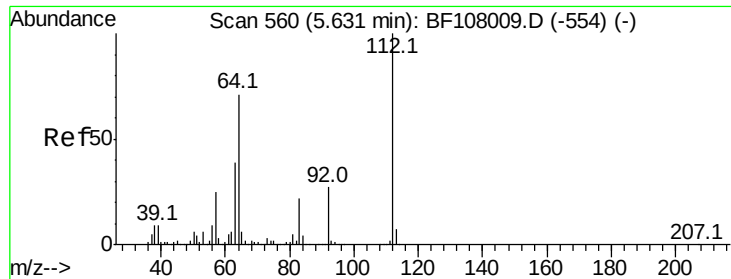
Delta R.T. 0.09 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	42	Resp:	212432
Ion Ratio	Lower	Upper	
42	100		
74	112.6	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 122.122 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

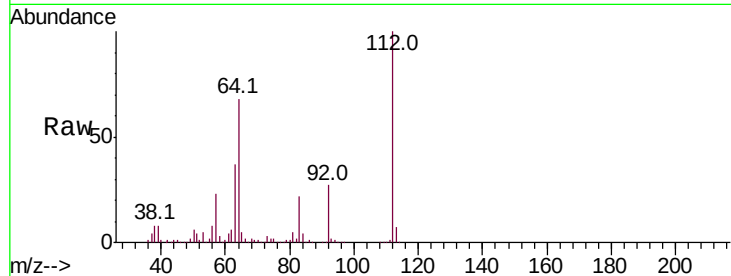
ClientSampleId :

PB112242BSD

Tot Ion:	112	Resp:	967848
Ion Ratio	Lower	Upper	
112	100		
64	68.1	47.9	71.9
63	36.8	23.7	35.5#

Manual Integrations
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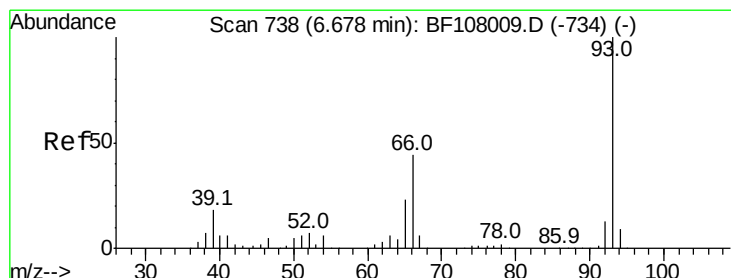
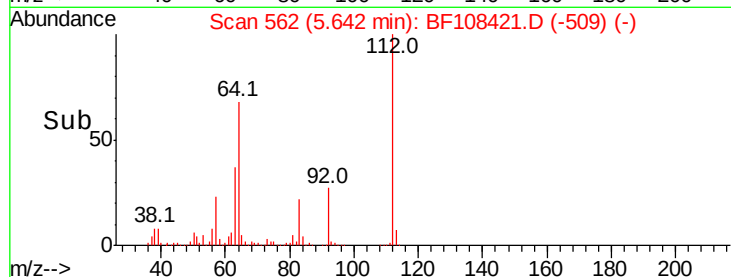
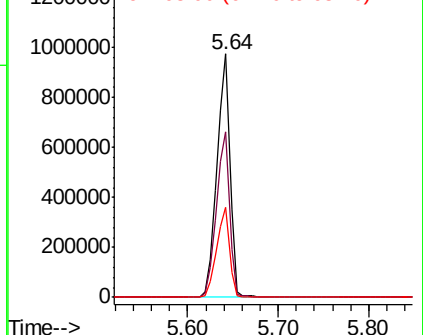
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.990 ng

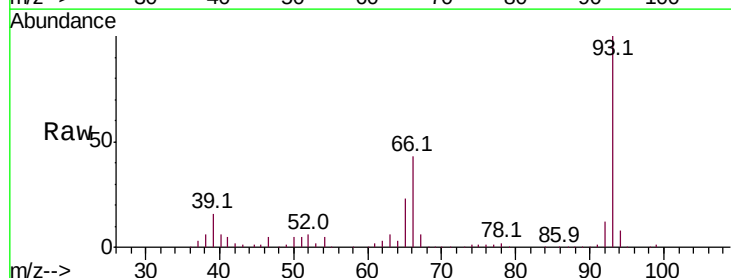
RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

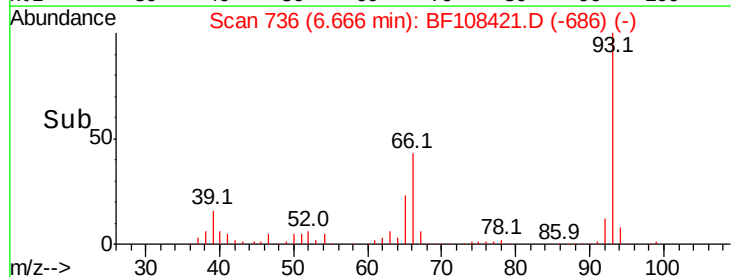
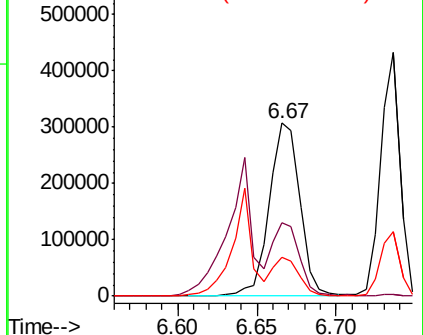
Tgt Ion:	93	Resp:	415289
Ion Ratio	Lower	Upper	
93	100		
66	42.7	32.2	48.2
65	22.6	16.4	24.6

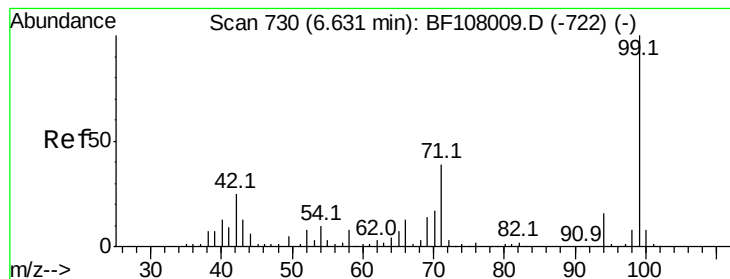


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.461 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

PB112242BSD

Tot Ion: 99 Resp: 1342367

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

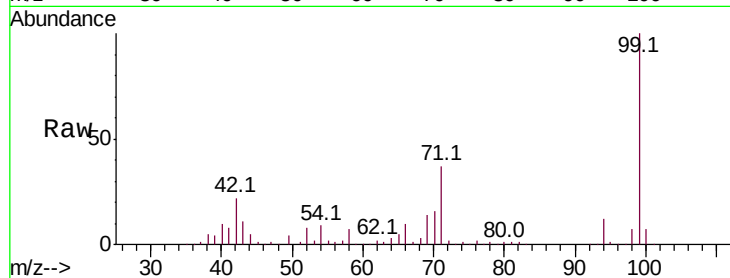
71 37.3 25.4 38.0

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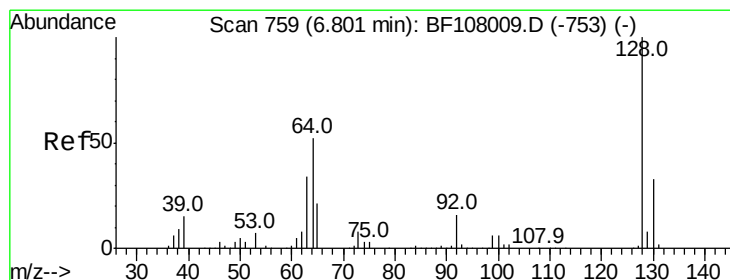
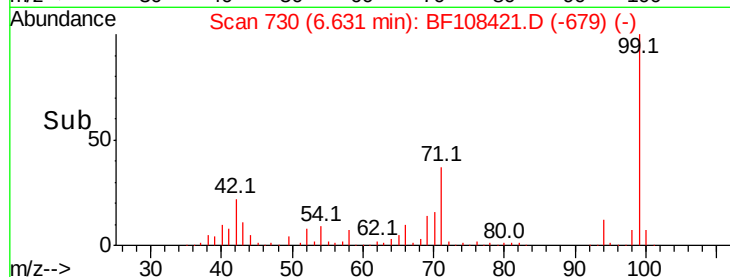
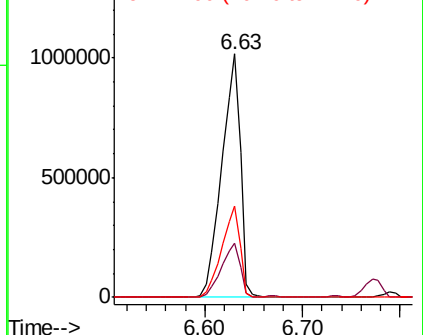
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.965 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

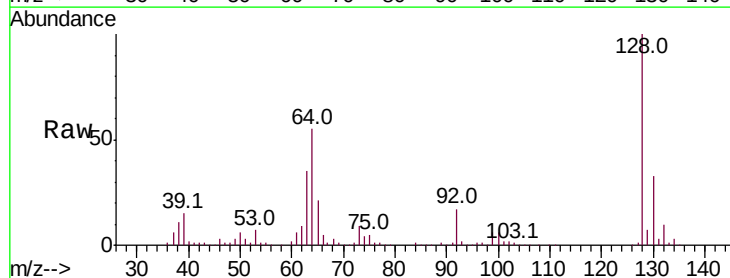
Tgt Ion:128 Resp: 383506

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

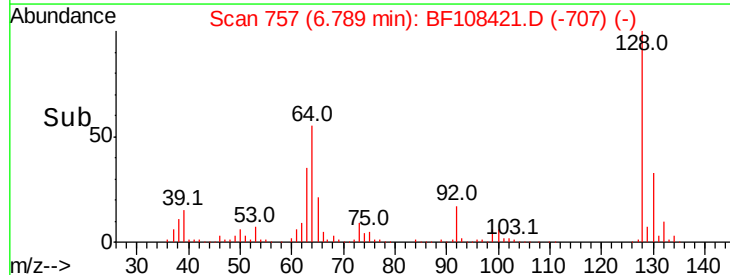
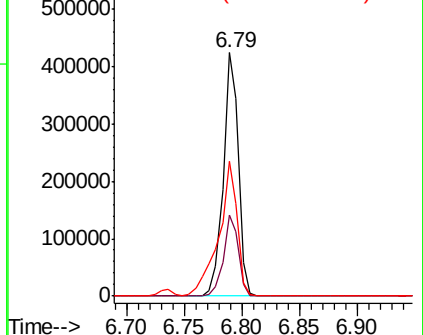
64 55.3 29.4 69.4

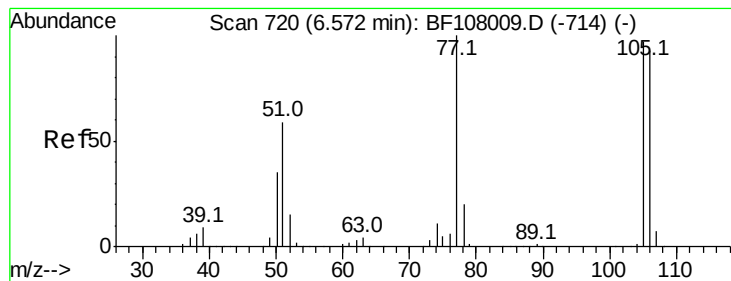


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.328 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

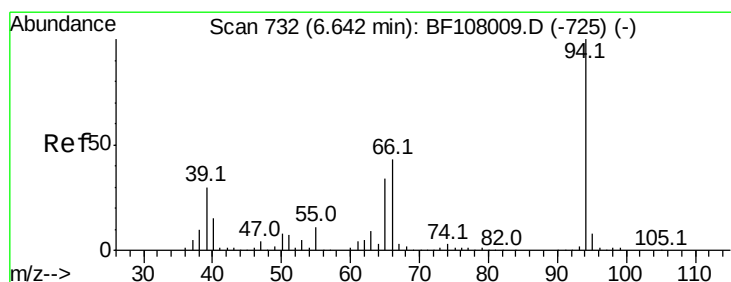
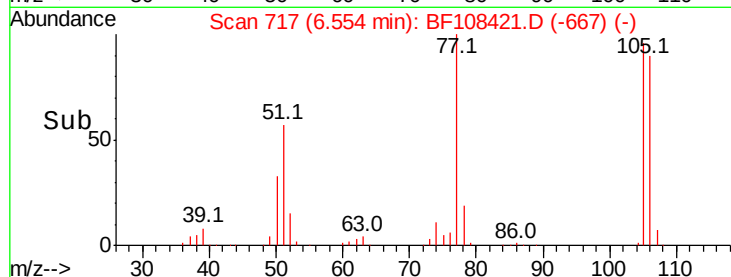
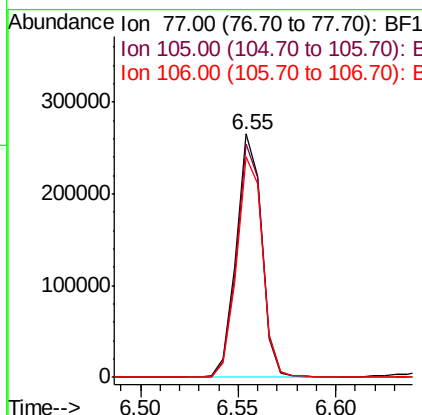
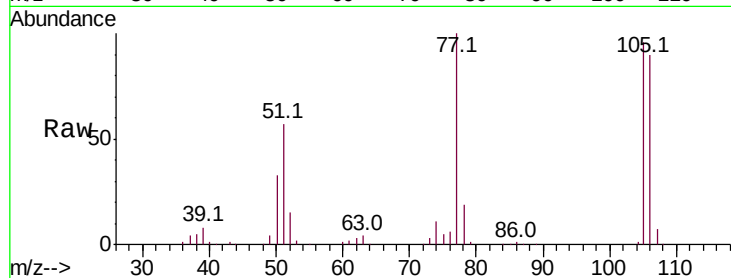
ClientSampleId :

PB112242BSD

Tot Ion:	77	Resp:	239473
Ion Ratio	Lower	Upper	
77	100		
105	95.9	81.1	121.1
106	90.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.325 ng

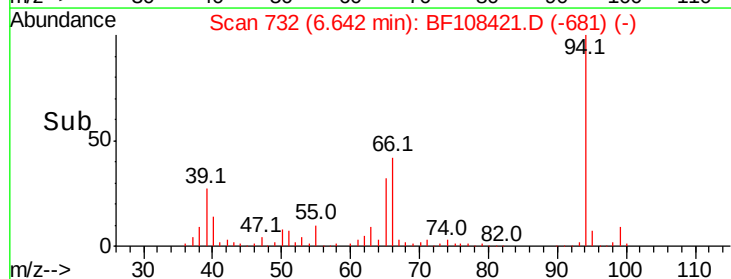
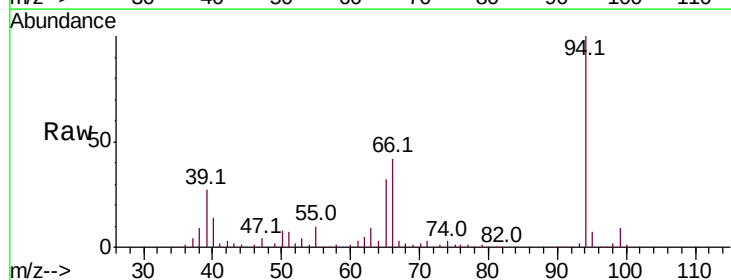
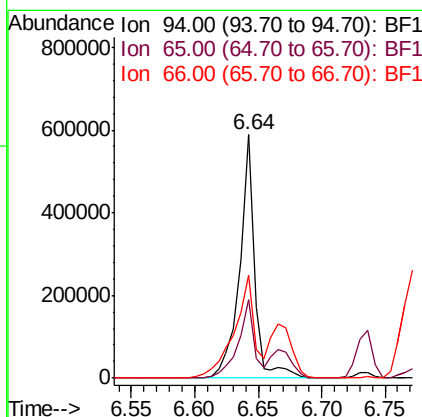
RT: 6.64 min Scan# 732

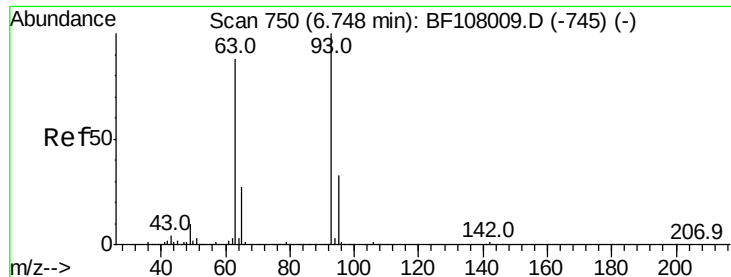
Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	94	Resp:	482862
Ion Ratio	Lower	Upper	
94	100		
65	32.4	7.9	47.9
66	42.0	16.2	56.2





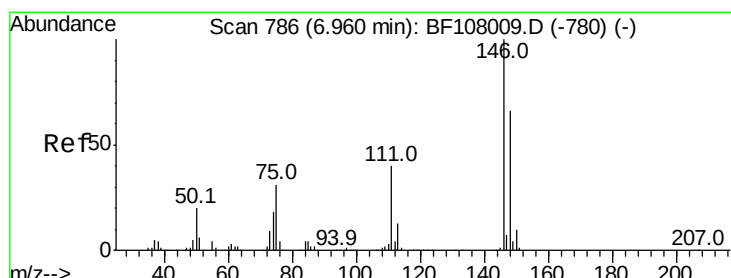
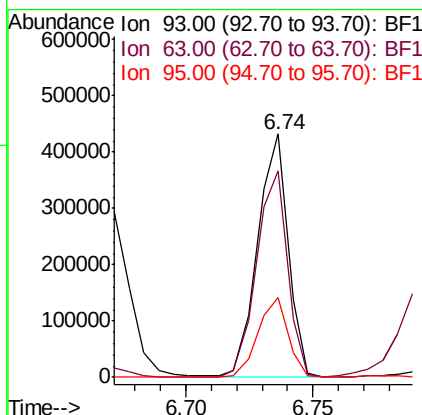
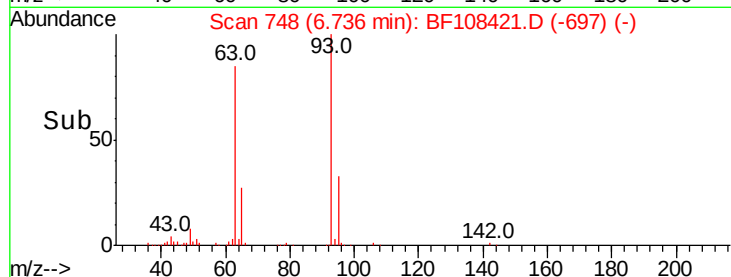
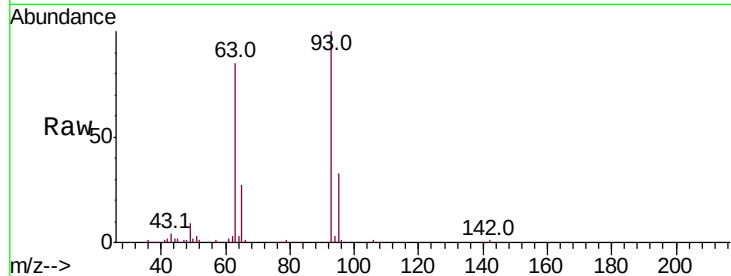
#11
bis(2-Chloroethyl)ether
Concen: 41.510 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	58.6	98.6
95	32.7	11.8	51.8

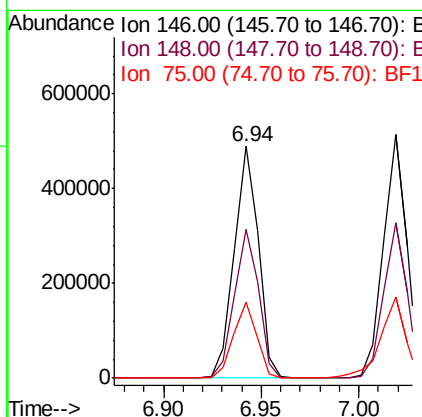
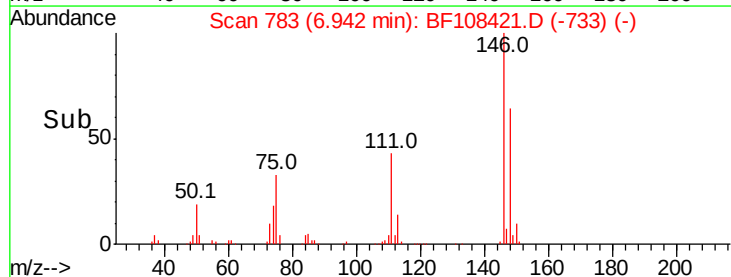
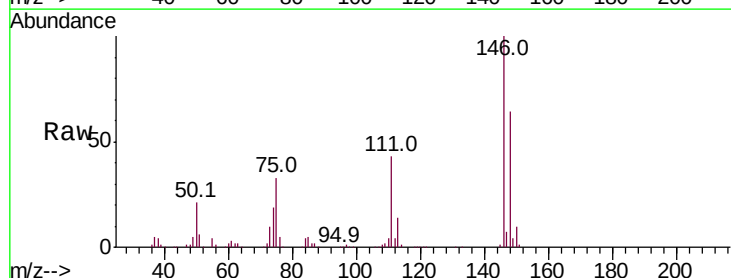
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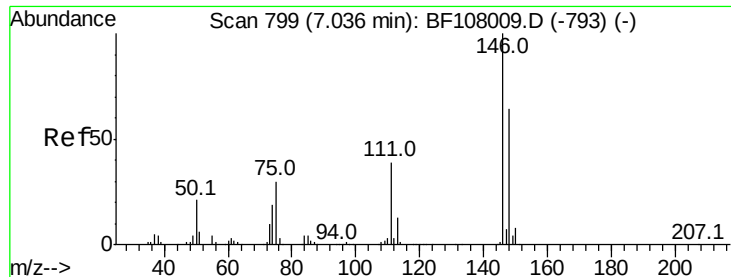
Sohil
8/24/2018 12:13:58 PM



#12
1,3-Dichlorobenzene
Concen: 40.682 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	32.9	24.2	36.4





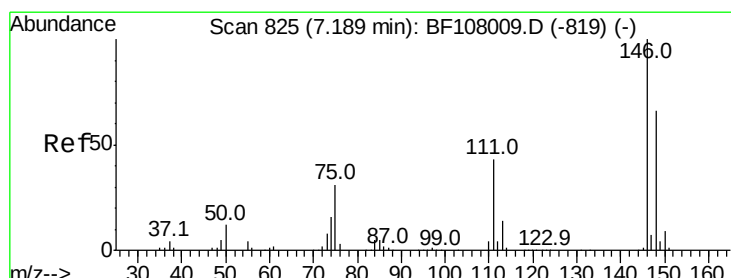
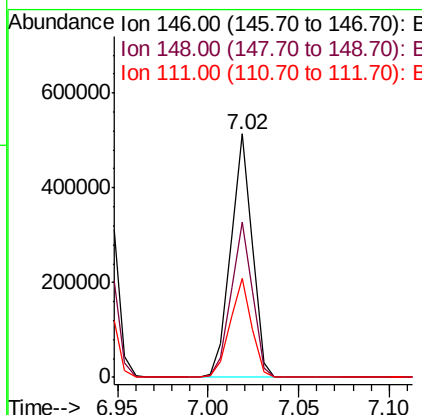
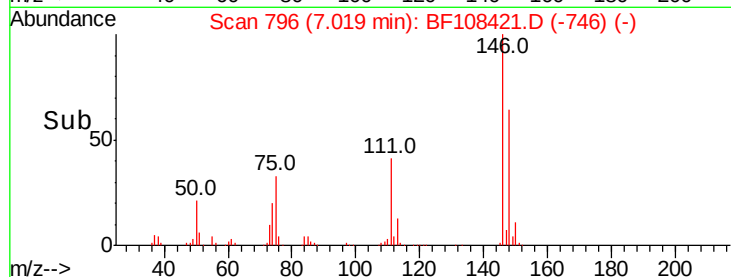
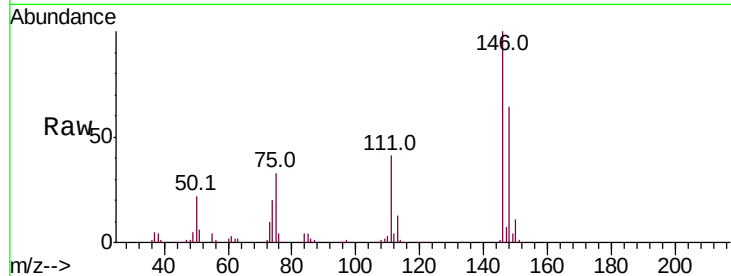
#13
1,4-Dichlorobenzene
Concen: 41.037 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	40.5	34.2	51.2

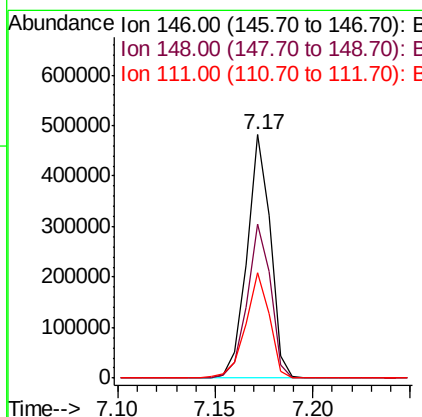
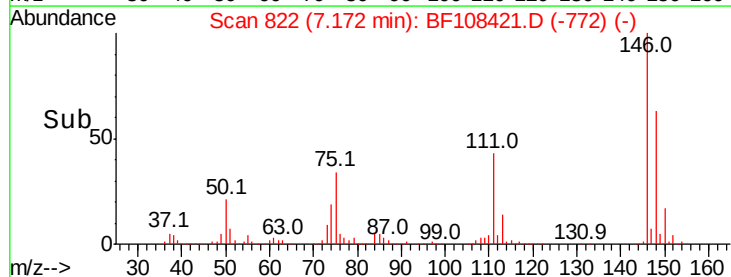
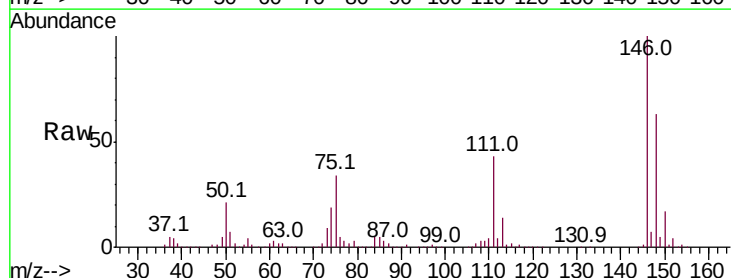
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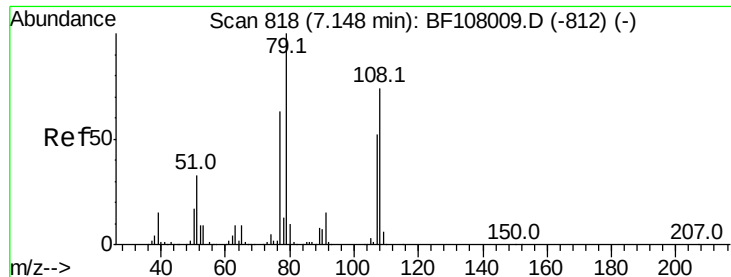
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.557 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.820 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

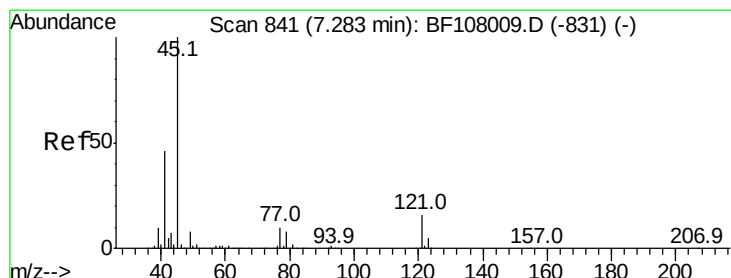
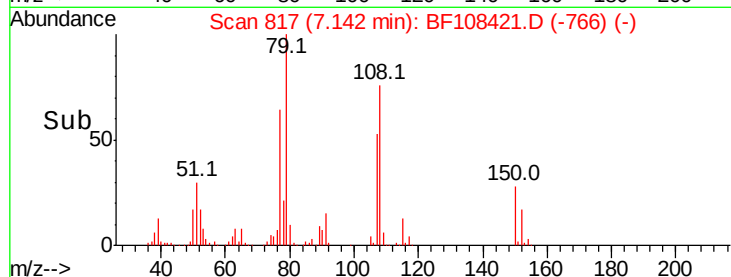
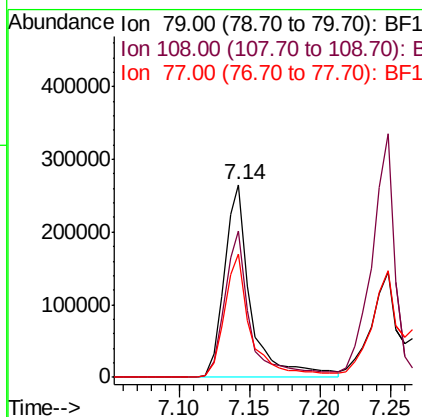
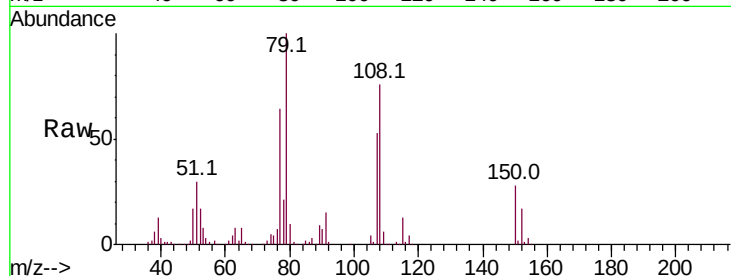
ClientSampleId :

PB112242BSD

Tot Ion:	79	Resp:	344176
Ion Ratio	Lower	Upper	
79	100		
108	76.4	65.1	97.7
77	63.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.460 ng

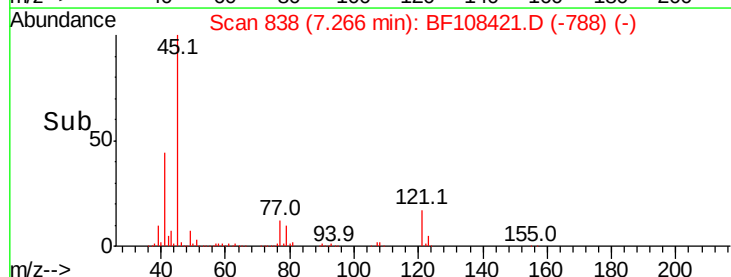
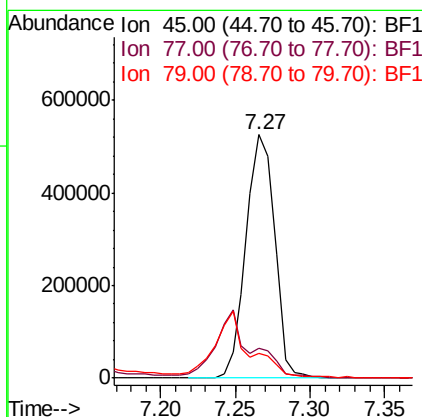
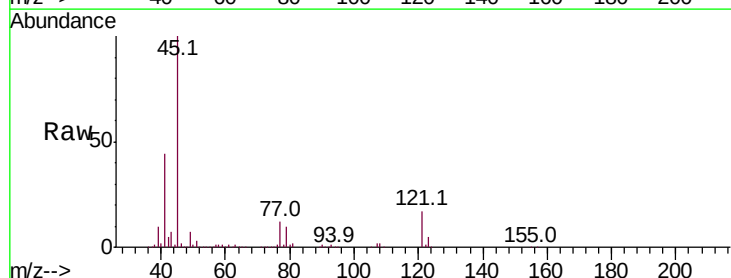
RT: 7.27 min Scan# 838

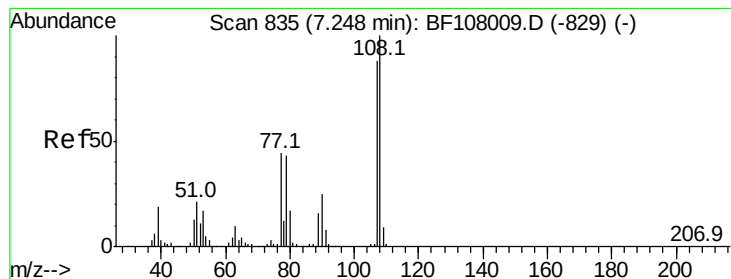
Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	45	Resp:	697800
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.9
79	10.0	0.0	29.6





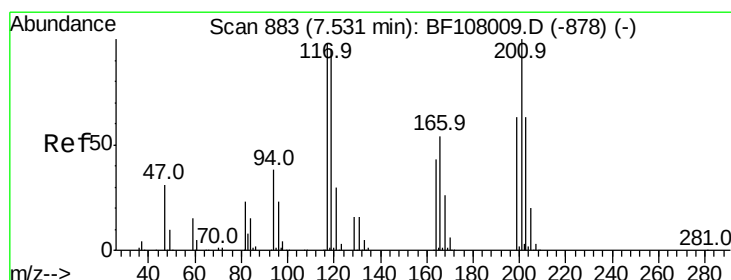
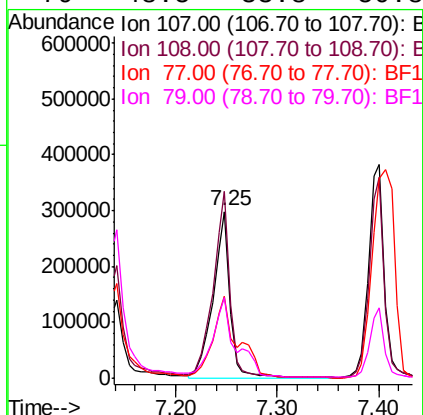
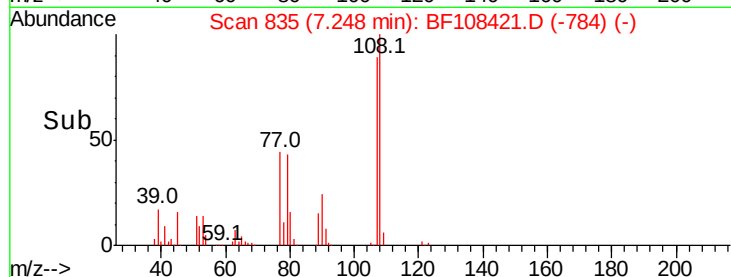
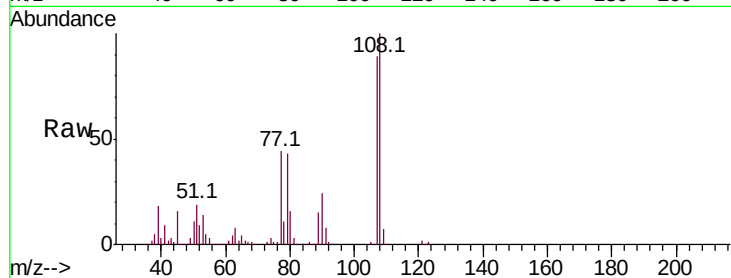
#17
2-Methylphenol
Concen: 45.536 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	49.2	33.8	50.8	
79	48.5	33.8	50.8	

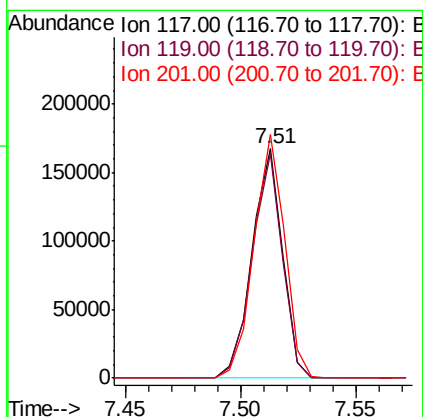
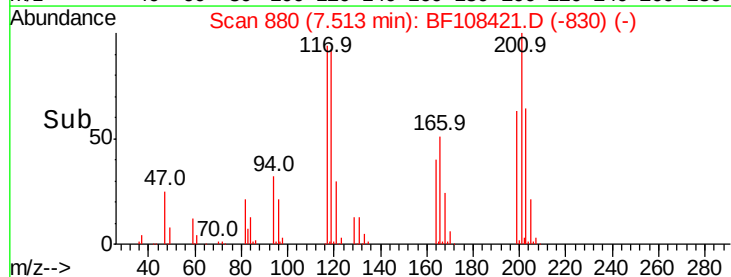
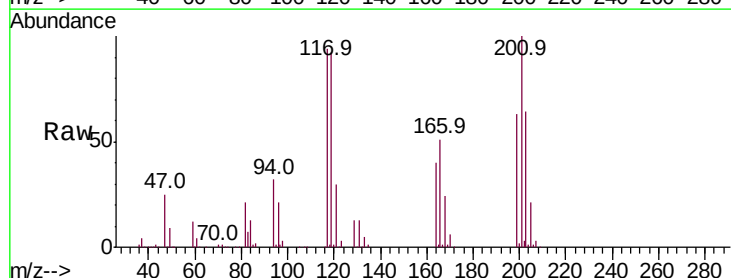
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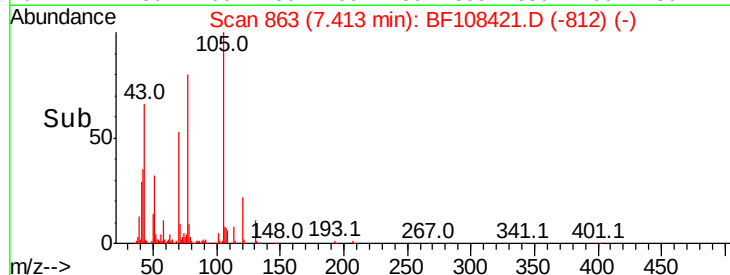
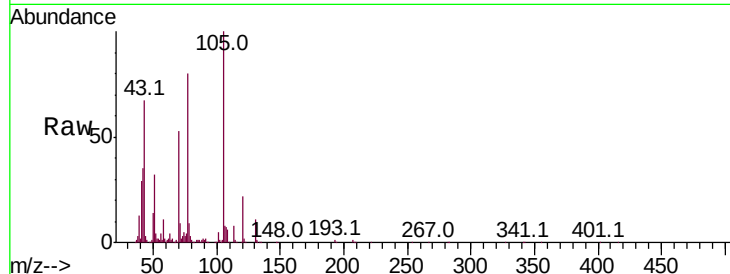
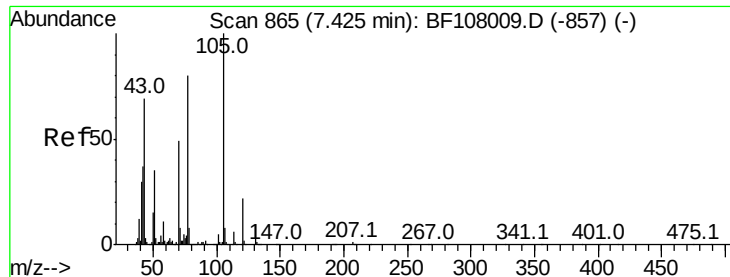
Sohil
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#18
Hexachloroethane
Concen: 41.768 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.8	113.8	
201	106.4	75.7	113.5	





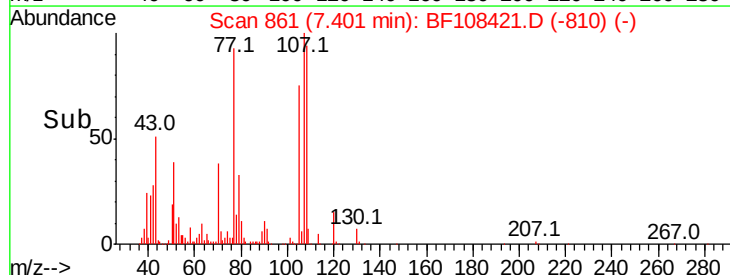
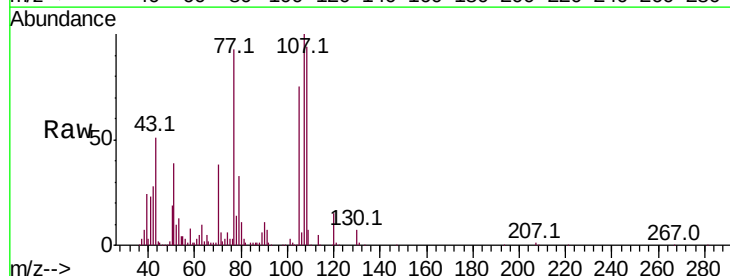
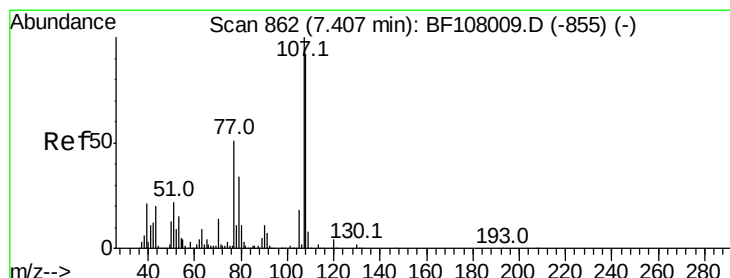
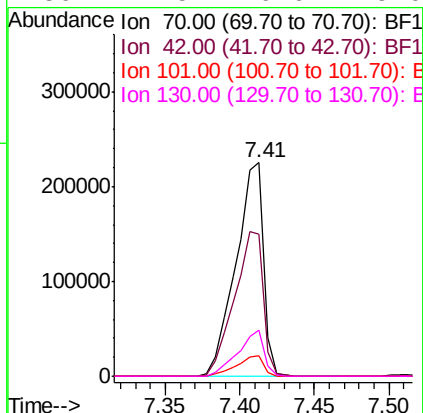
#19
n-Nitroso-di-n-propylamine
Concen: 40.789 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

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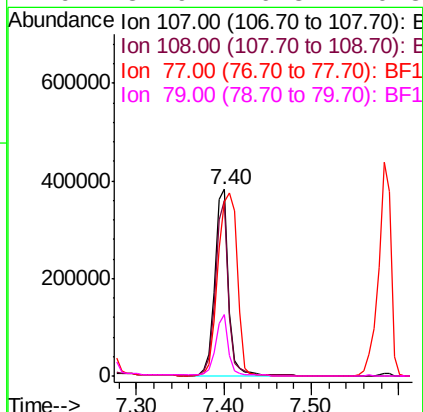
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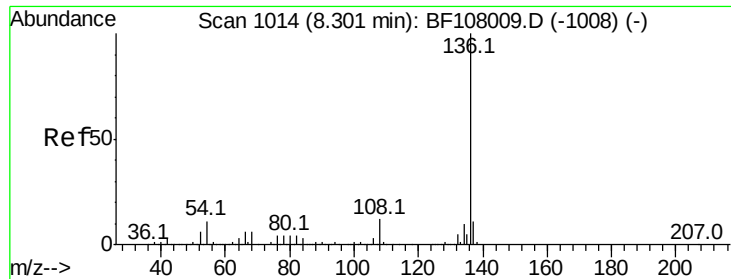
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.5	71.3
101	9.8	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.647 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	93.5	26.7	66.7#
79	32.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

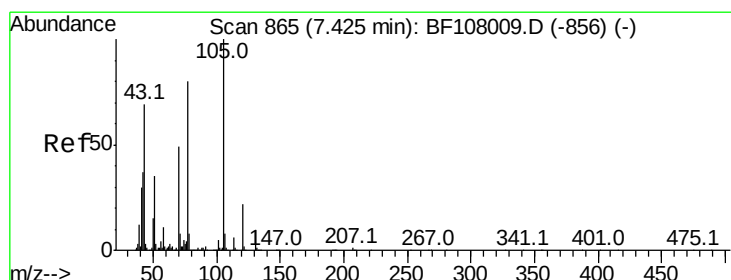
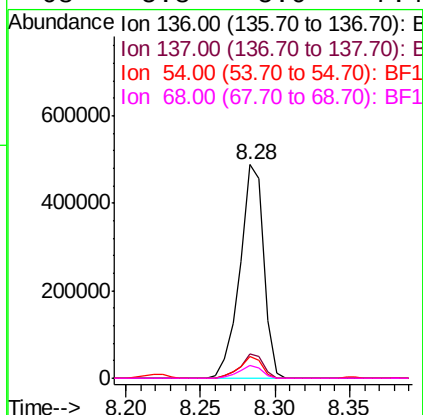
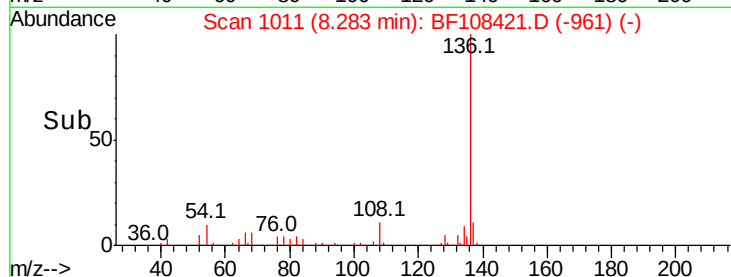
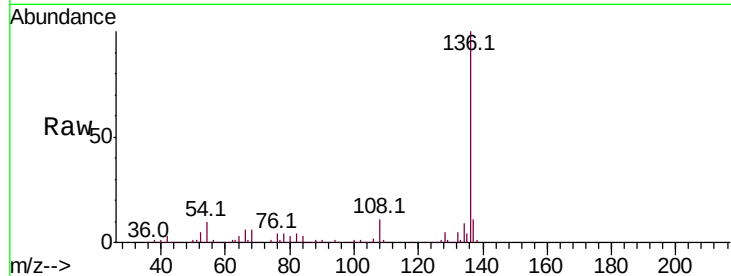
ClientSampleId :

PB112242BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.5	6.6	9.8#
68	5.8	5.0	7.4

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#22

Acetophenone

Concen: 43.821 ng

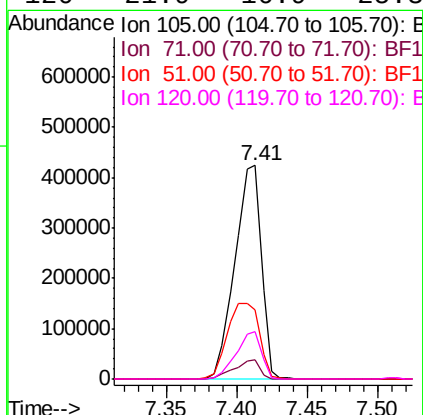
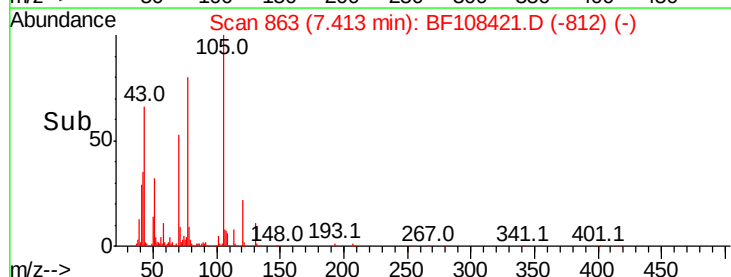
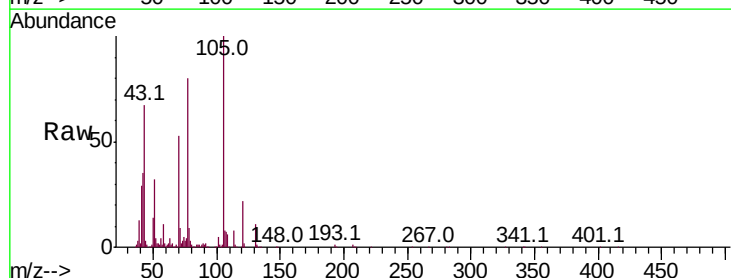
RT: 7.41 min Scan# 863

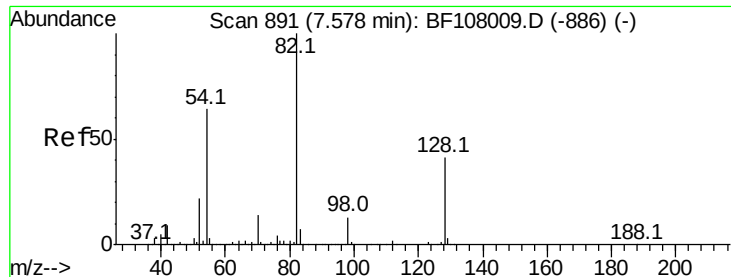
Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.0	4.4	6.6#
51	32.2	22.3	33.5
120	21.9	16.9	25.3





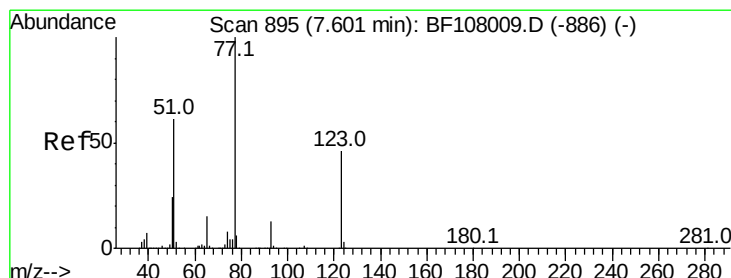
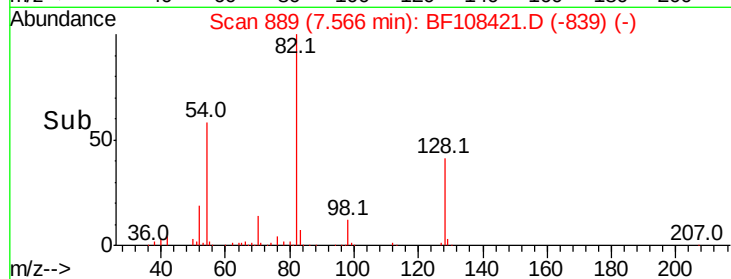
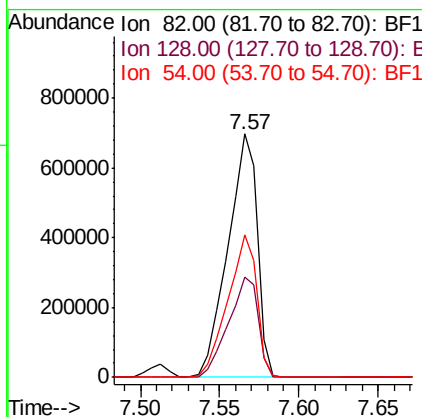
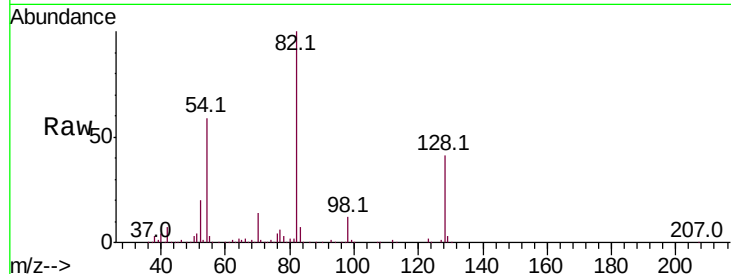
#23
 Nitrobenzene-d5
 Concen: 91.966 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	894379		
128	41.2	36.1	54.1	
54	58.5	41.4	62.2	

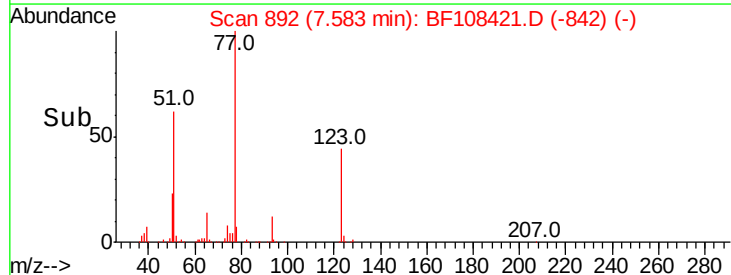
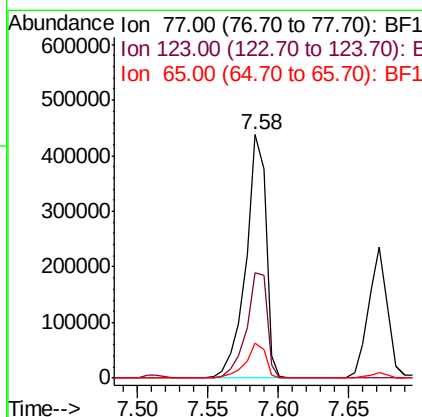
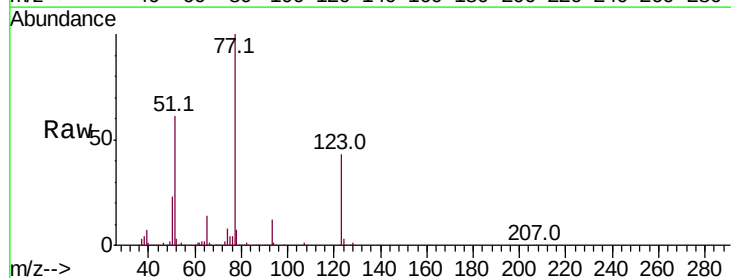
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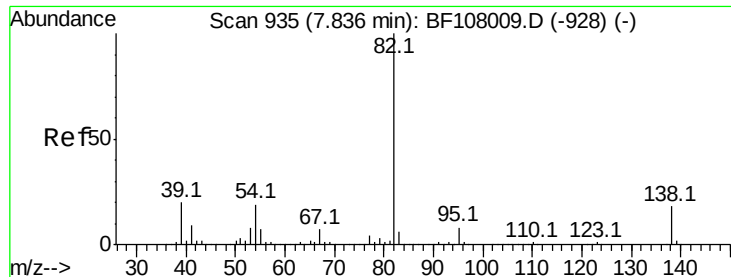
Sohil
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#24
 Nitrobenzene
 Concen: 44.514 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	437755		
123	43.4	37.9	56.9	
65	14.4	11.0	16.4	





#25

Isophorone

Concen: 43.745 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

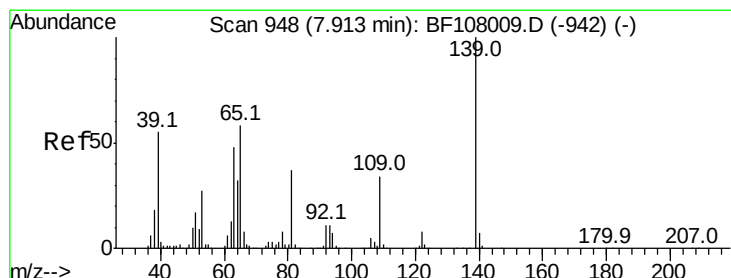
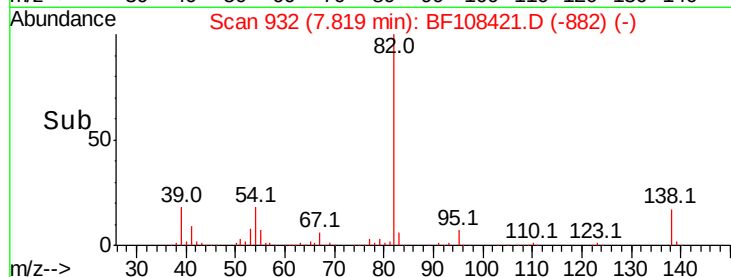
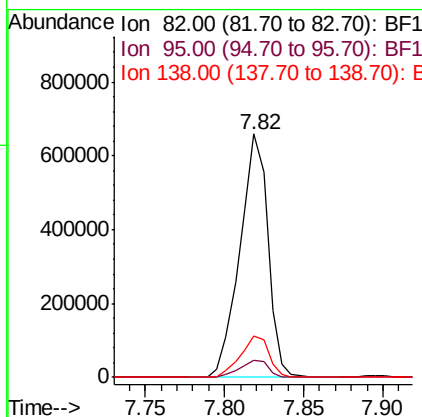
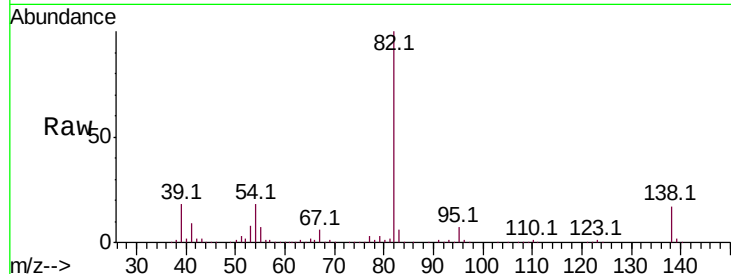
ClientSampleId :

PB112242BSD

Tot Ion:	82	Resp:	810866
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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Sohil
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#26

2-Nitrophenol

Concen: 53.084 ng

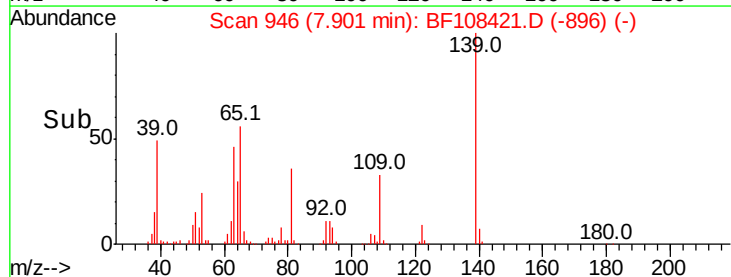
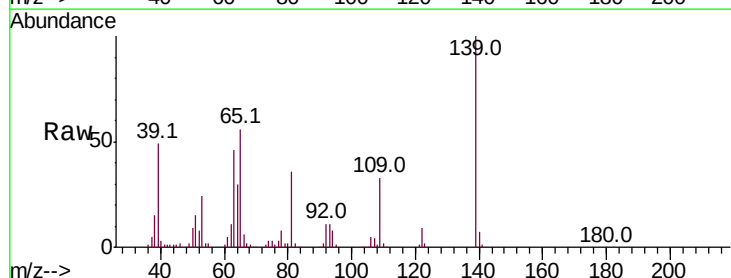
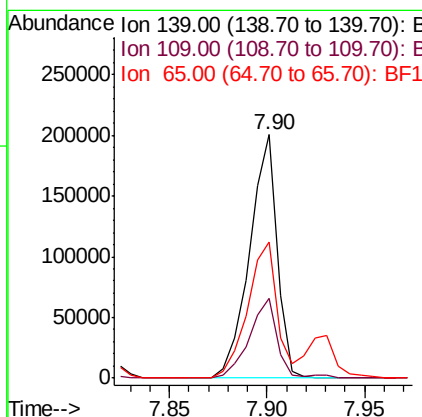
RT: 7.90 min Scan# 946

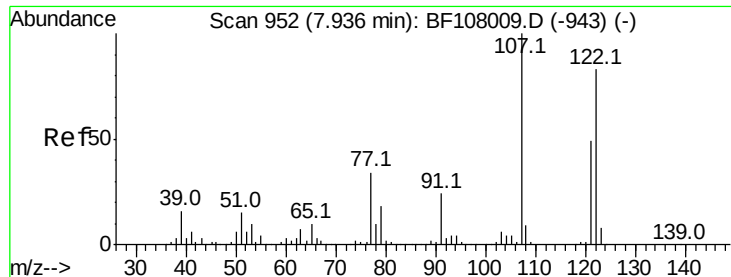
Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	139	Resp:	197146
Ion Ratio	Lower	Upper	
139	100		
109	32.9	22.7	34.1
65	56.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.473 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

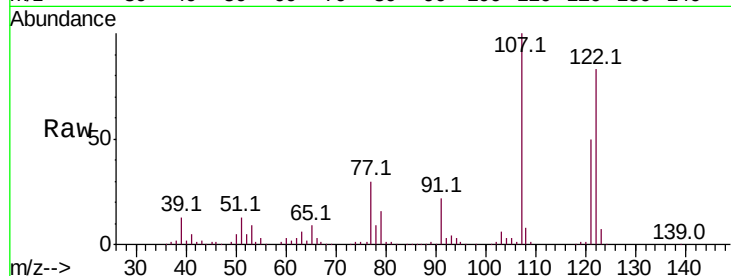
ClientSampled :

PB112242BSD

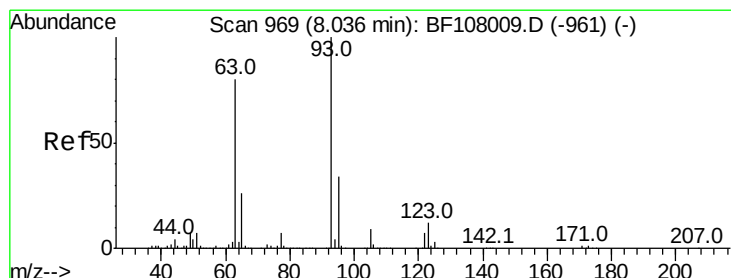
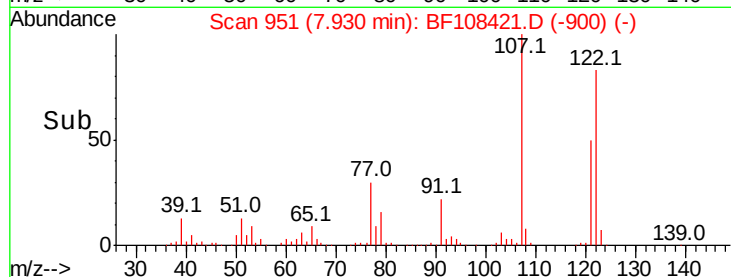
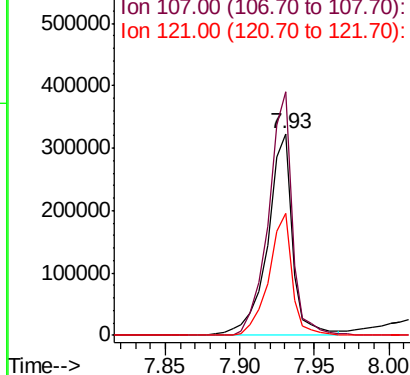
Tot Ion:	122	Resp:	374105
Ion Ratio	Lower	Upper	
122	100		
107	120.5	91.2	136.8
121	60.1	47.2	70.8

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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: 44.763 ng

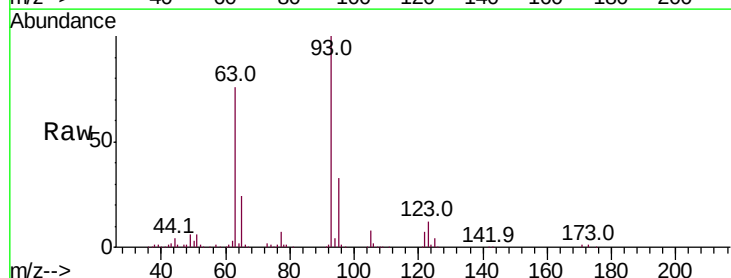
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

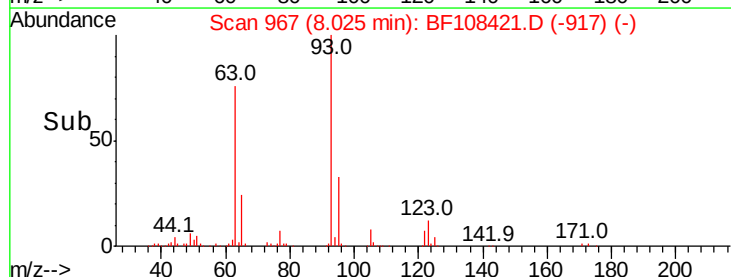
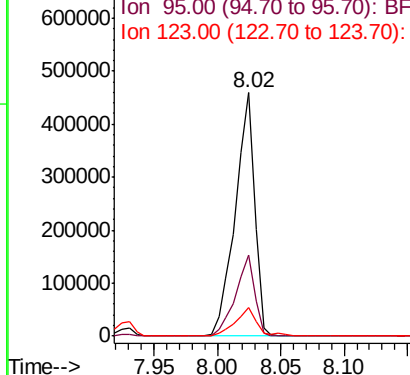
Lab File: BF108421.D

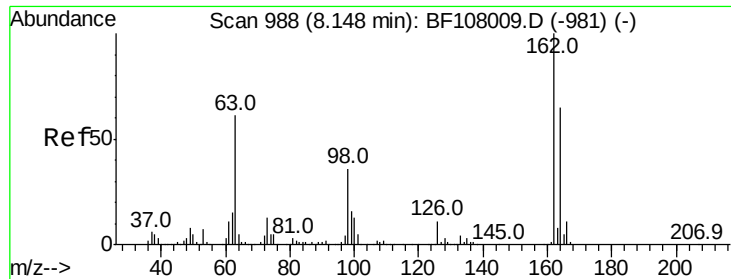
Acq: 23 Aug 2018 12:20

Tgt Ion:	93	Resp:	484387
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.8	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





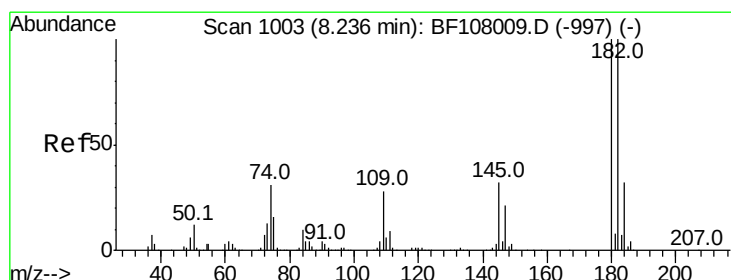
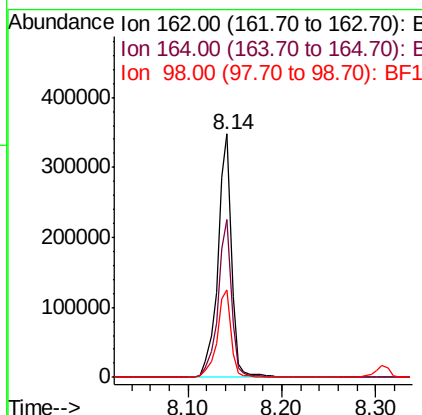
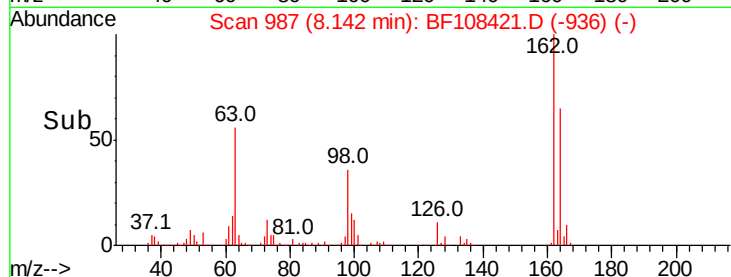
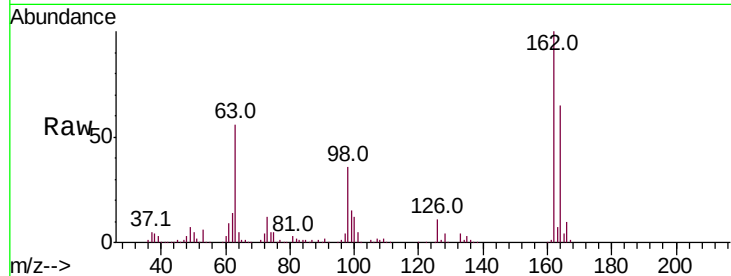
#29
2,4-Dichlorophenol
Concen: 46.827 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	354529		
164	65.0	42.7	82.7	
98	36.0	18.1	58.1	

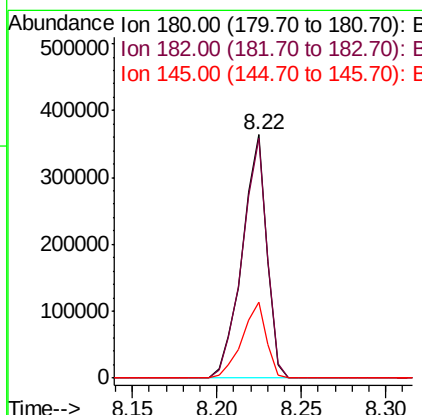
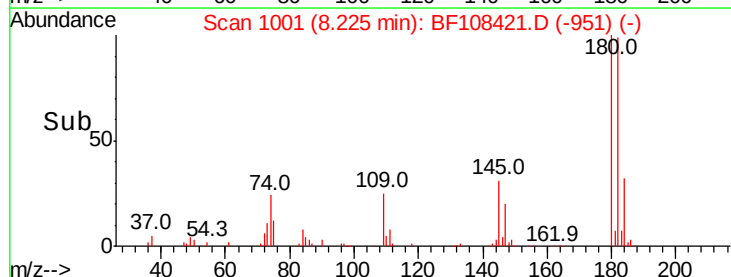
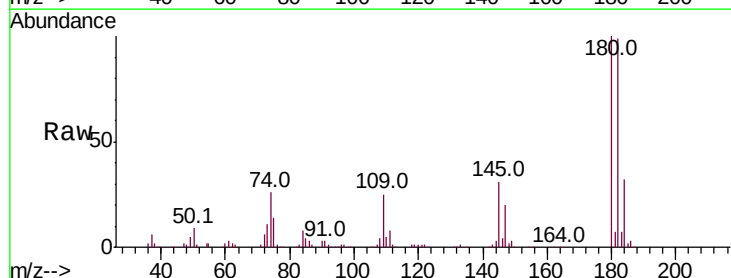
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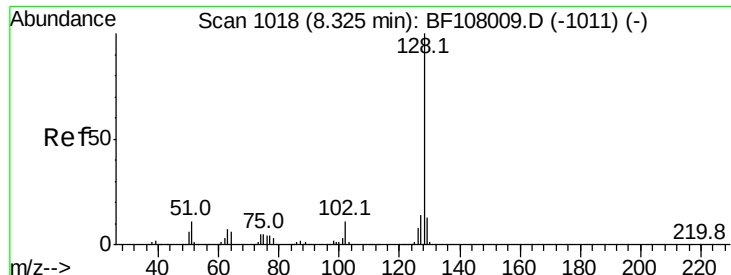
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#30
1,2,4-Trichlorobenzene
Concen: 44.472 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371223		
182	98.6	76.8	115.2	
145	31.2	26.5	39.7	





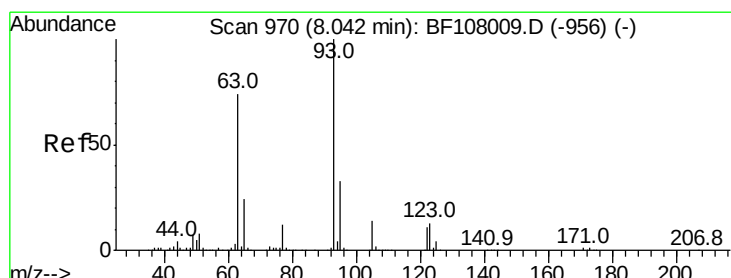
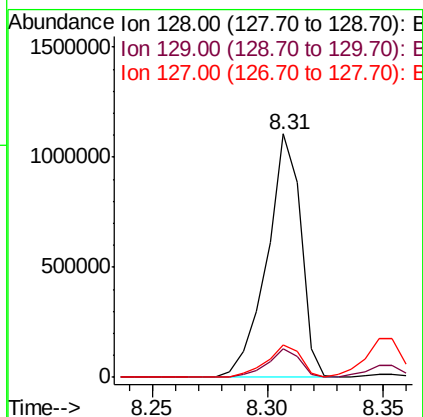
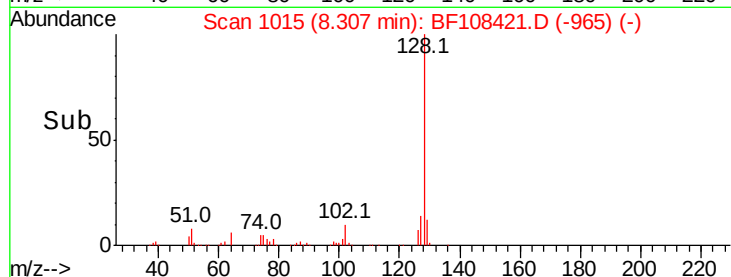
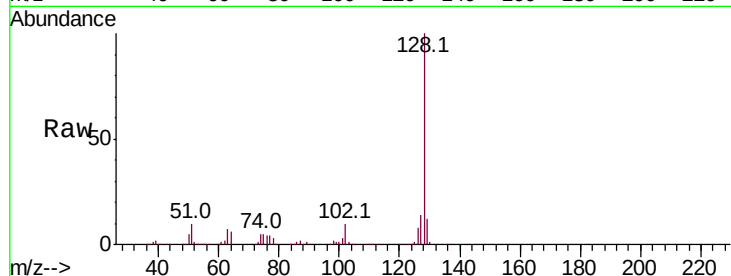
#31
Naphthalene
Concen: 45.513 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.5	10.9	16.3

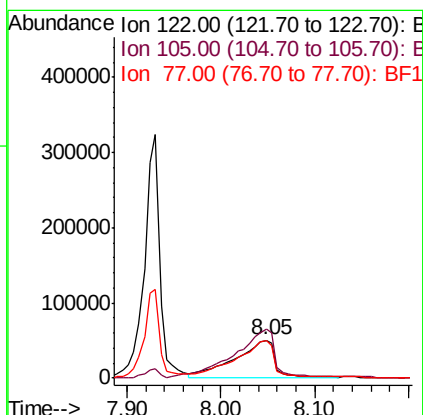
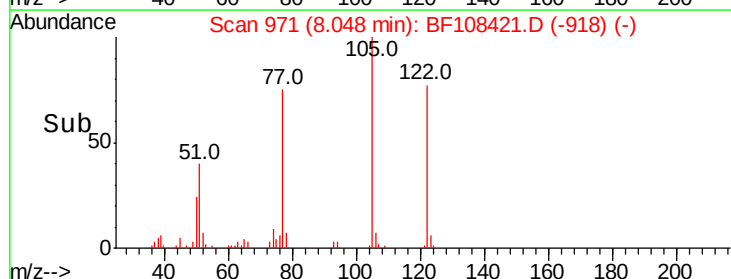
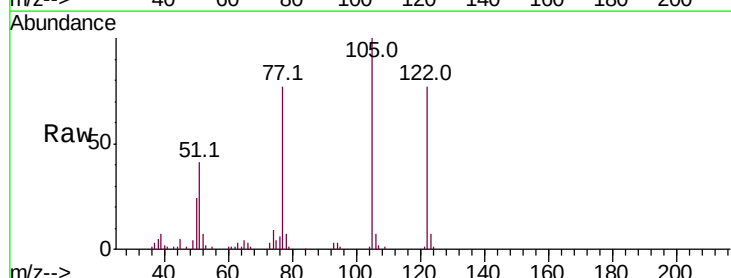
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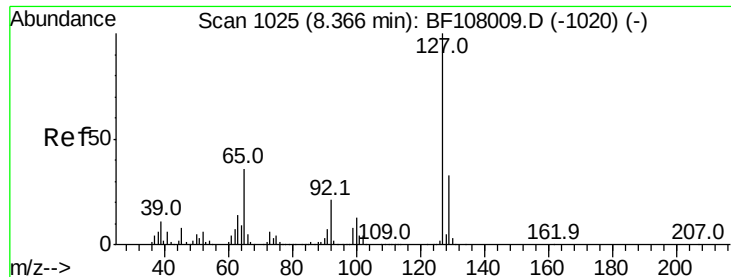
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#32
Benzoic acid
Concen: 33.011 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	101.1	141.1
77	99.7	70.7	110.7





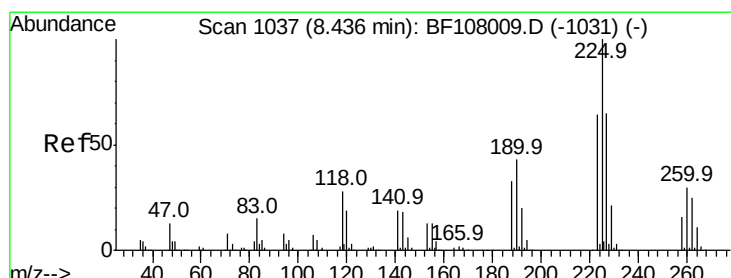
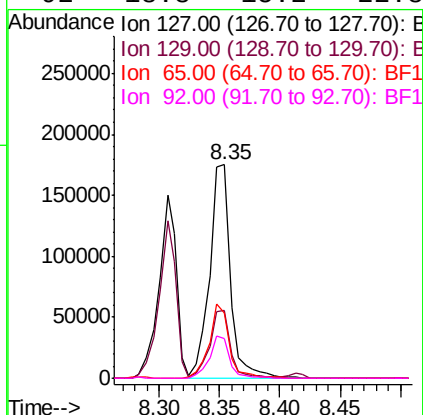
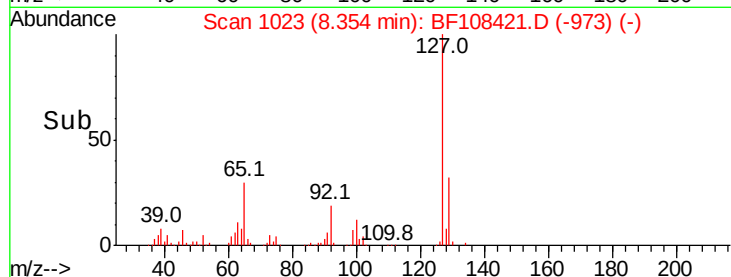
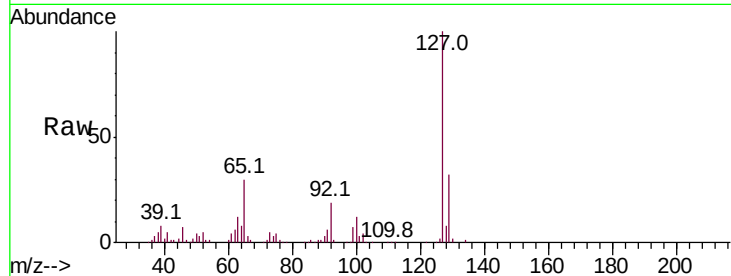
#33
4-Chloroaniline
Concen: 19.389 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	30.5	25.0	37.4	
92	18.8	15.2	22.8	

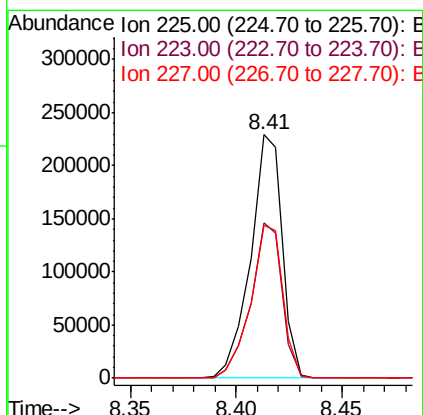
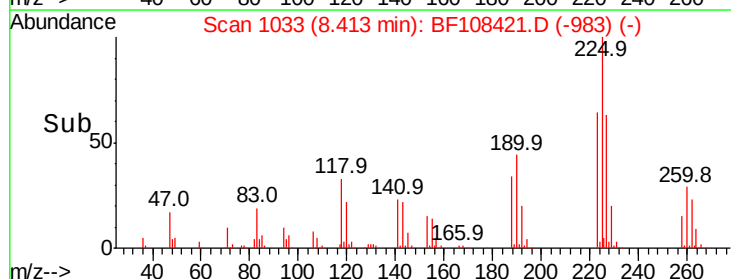
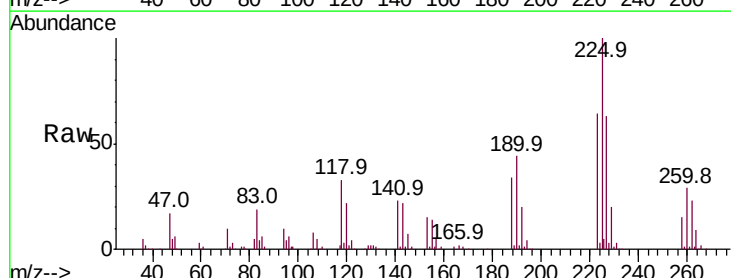
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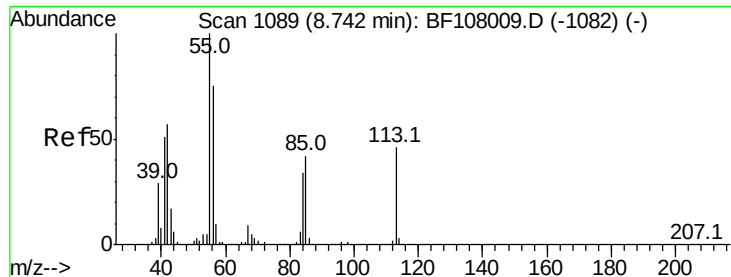
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#34
Hexachlorobutadiene
Concen: 45.316 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.6	76.0	
227	62.7	51.9	77.9	





#35

Caprolactam

Concen: 44.214 ng/ml

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

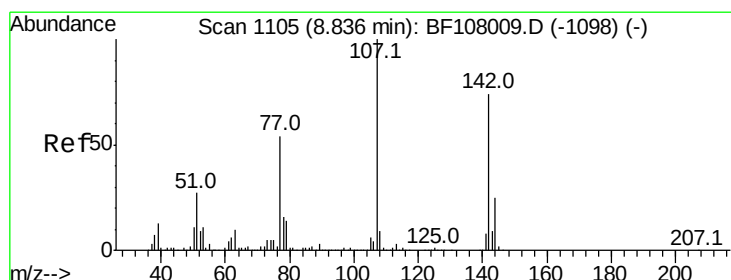
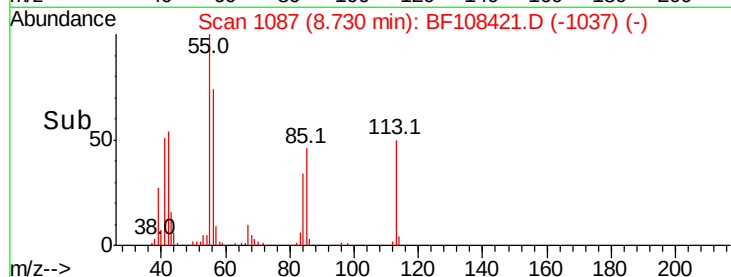
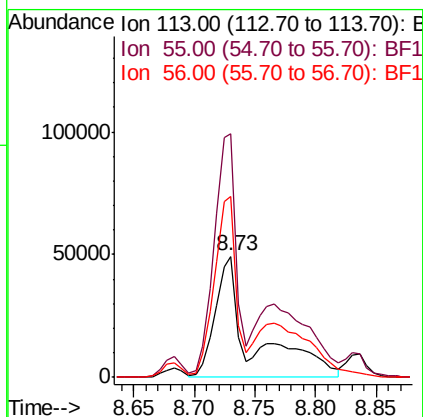
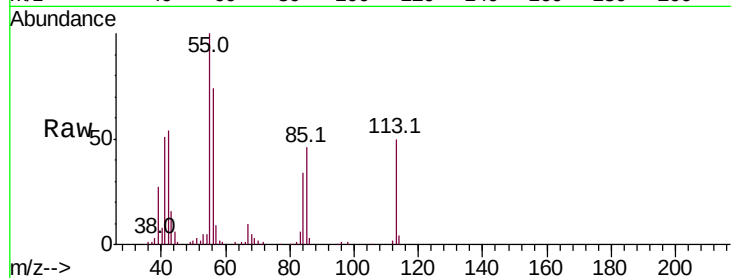
ClientSampleID :

PB112242BSD

Tot Ion:	113	Resp:	104900
Ion Ratio	Lower	Upper	
113	100		
55	201.6	163.3	203.3
56	149.4	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 46.826 ng/ml

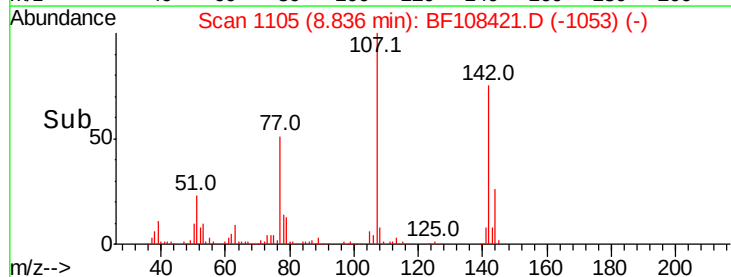
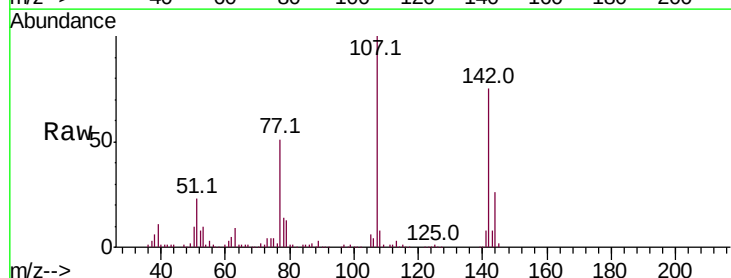
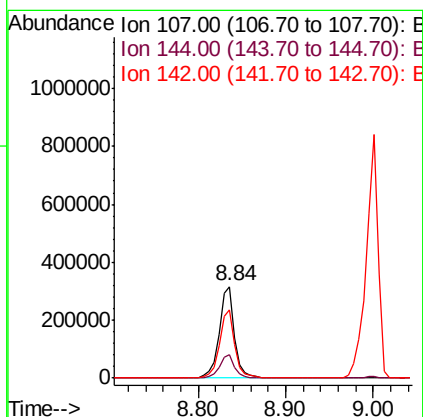
RT: 8.84 min Scan# 1105

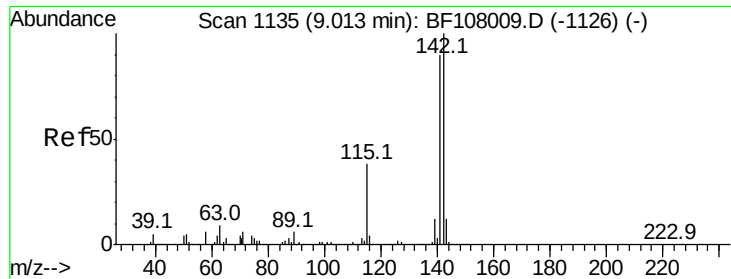
Delta R.T. 0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	107	Resp:	382448
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.5	30.7
142	75.0	62.0	93.0





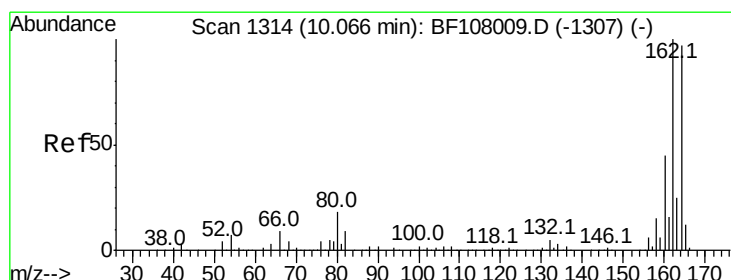
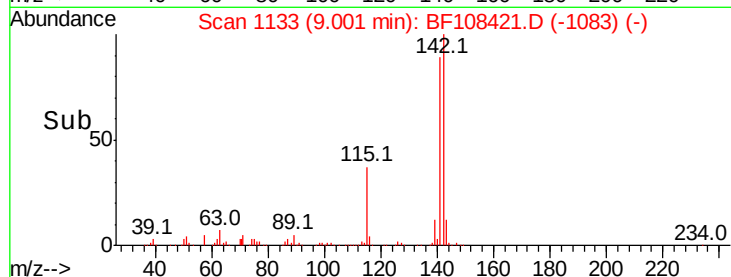
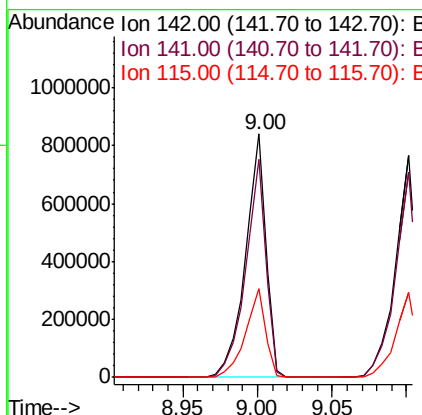
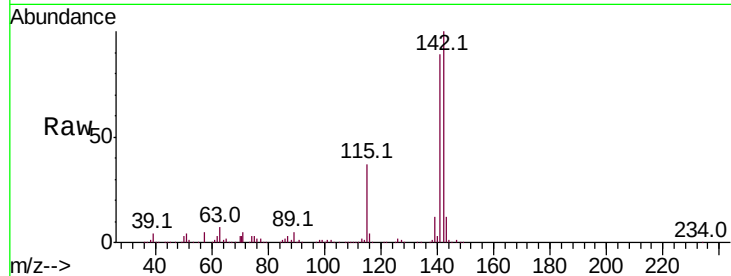
#37
2-Methylnaphthalene
Concen: 45.625 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	36.6	26.1	39.1

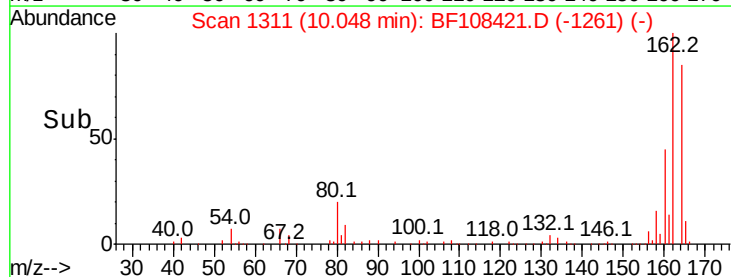
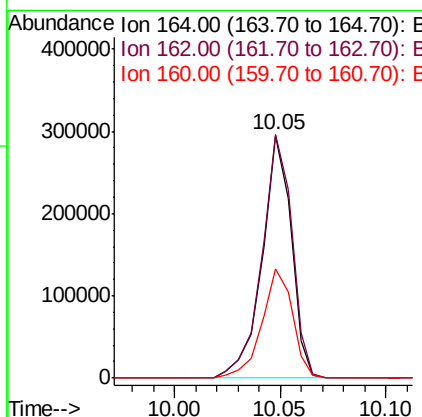
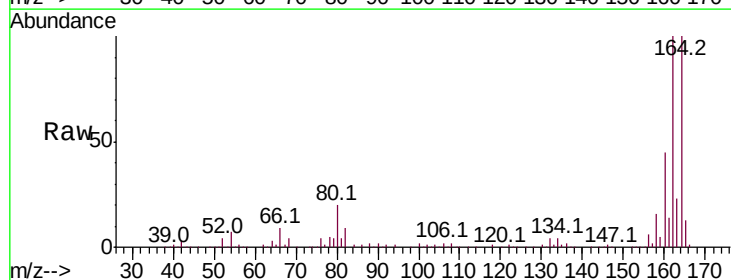
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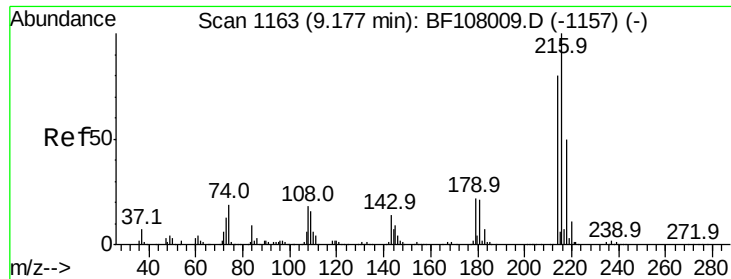
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	44.8	38.3	57.5





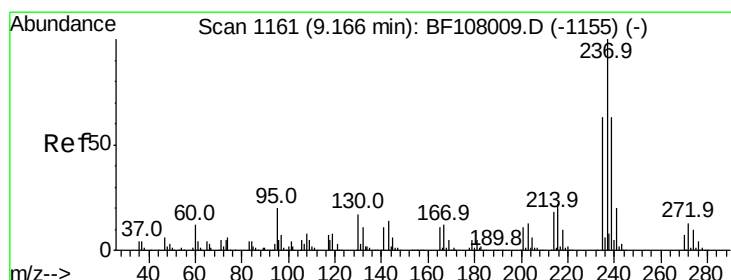
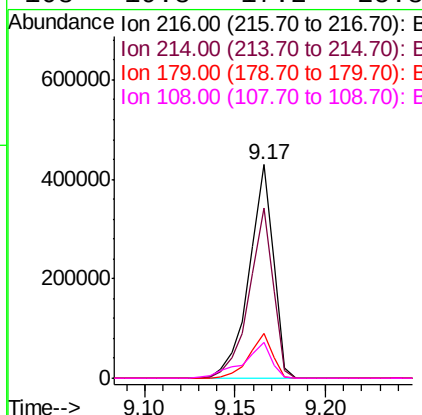
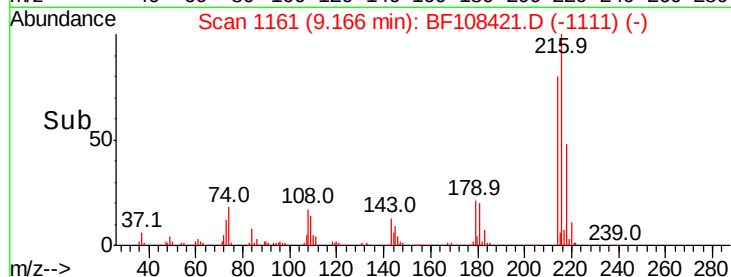
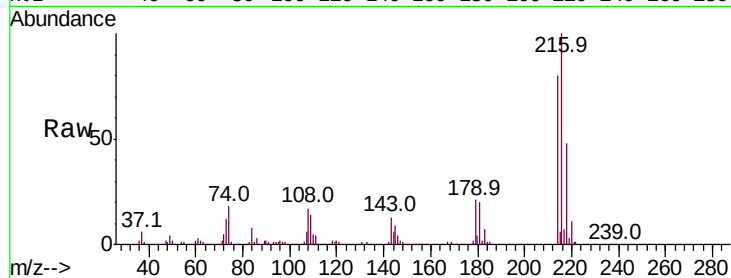
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.796 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.0	94.4	
179	20.4	18.1	27.1	
108	19.8	17.2	25.8	

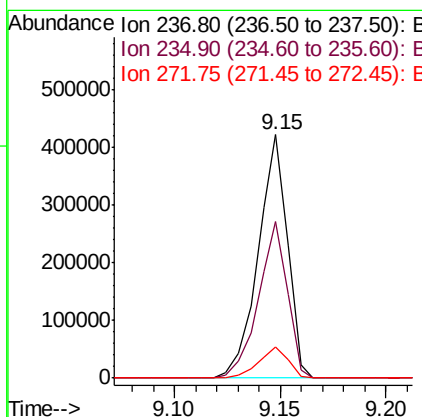
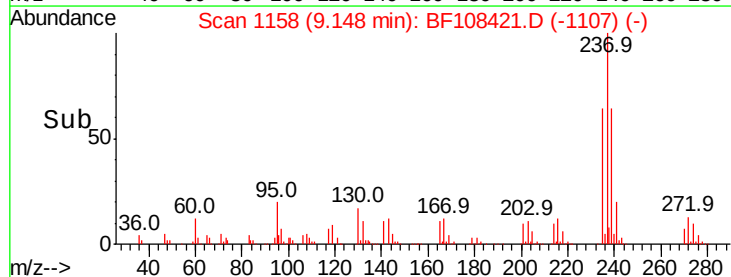
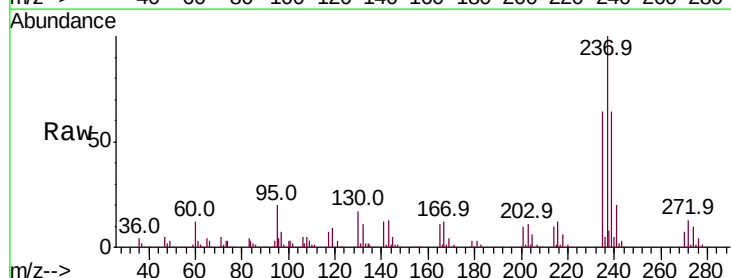
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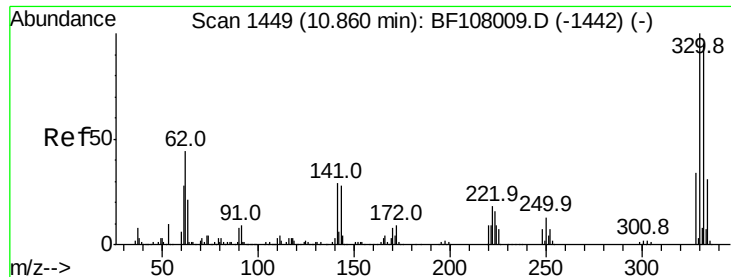
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#40
 Hexachlorocyclopentadiene
 Concen: 72.006 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.2	44.8	84.8	
272	13.0	0.0	33.3	





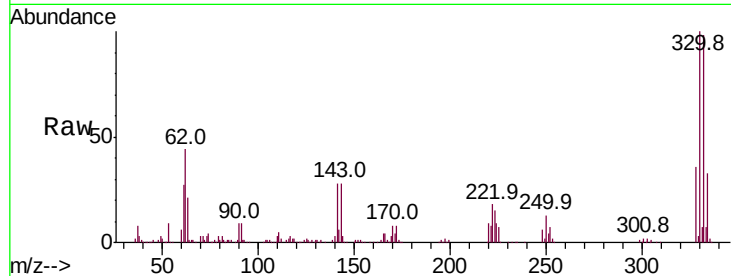
#41
 2,4,6-Tribromophenol
 Concen: 148.188 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleID :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	31.5	29.9	44.9	

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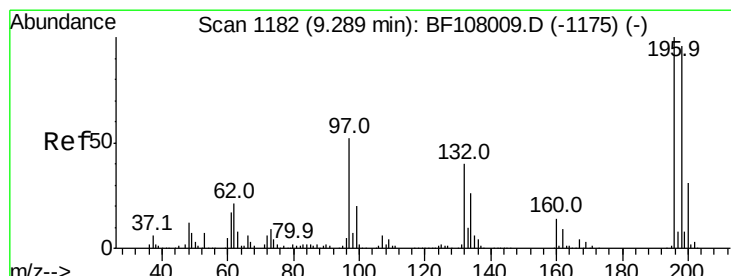
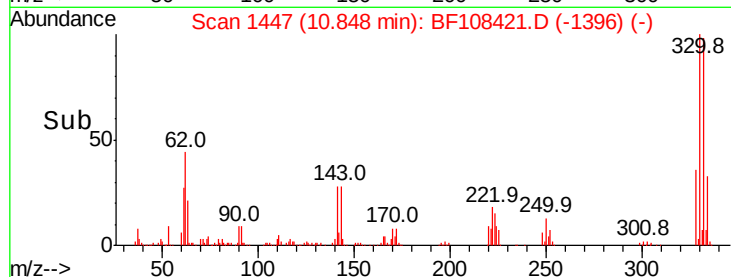
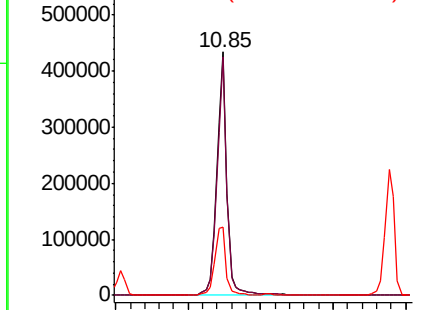


Abundance

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: 48.341 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

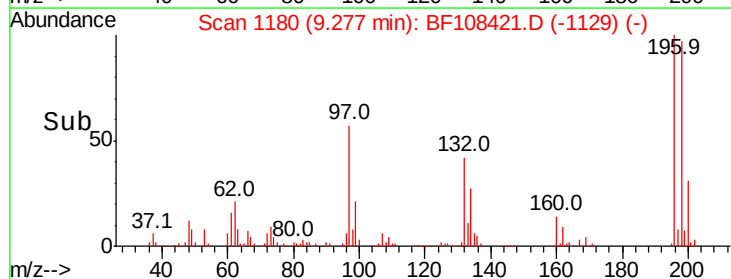
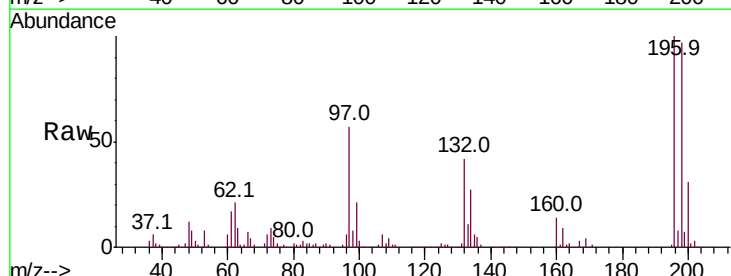
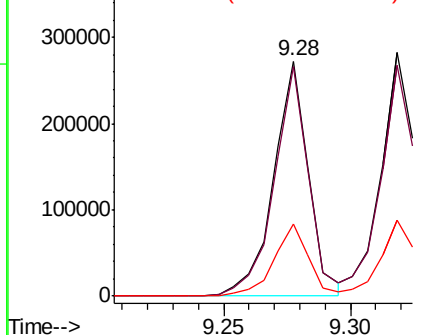
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.3	75.7	113.5	
200	30.9	24.5	36.7	

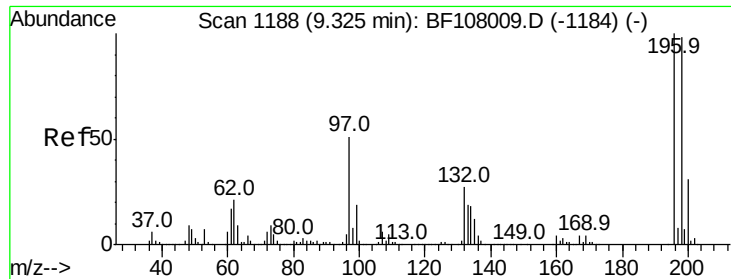
Abundance

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





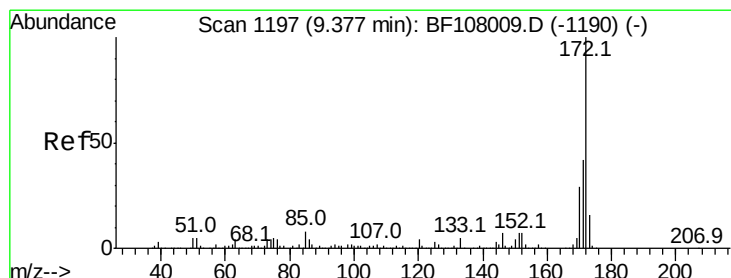
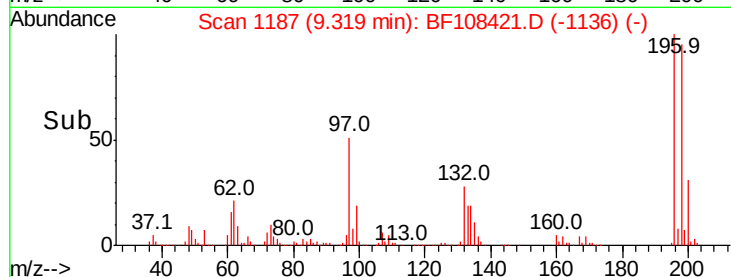
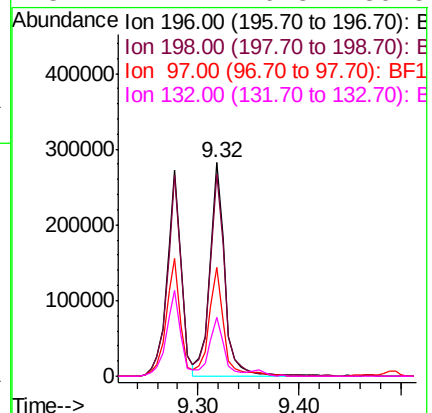
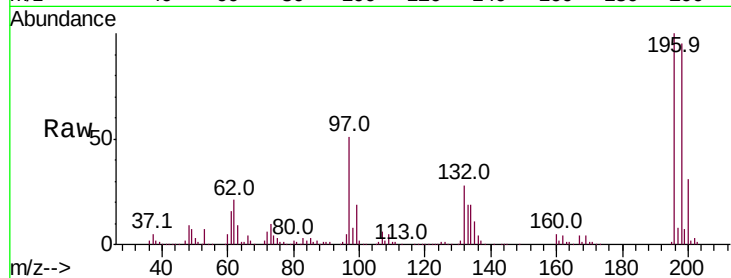
#43
 2,4,5-Trichlorophenol
 Concen: 47.890 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	196	Resp	286204
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	112.0
97	51.2	42.9	64.3
132	27.7	26.3	39.5

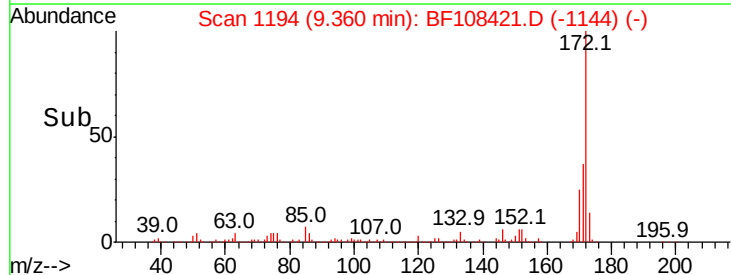
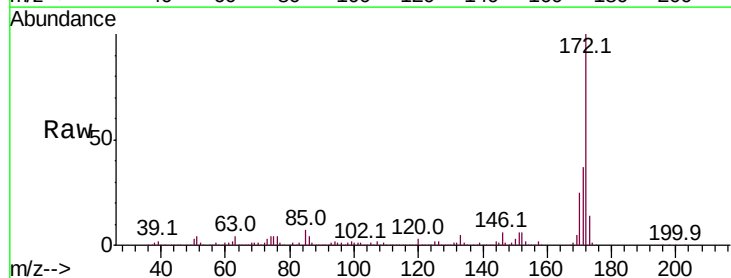
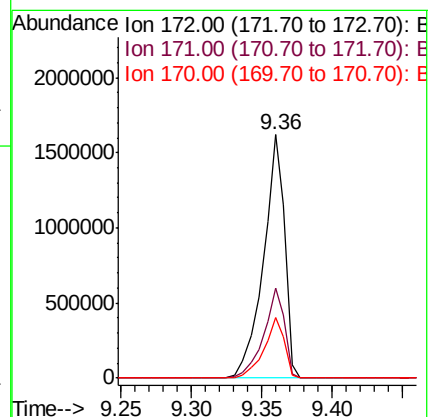
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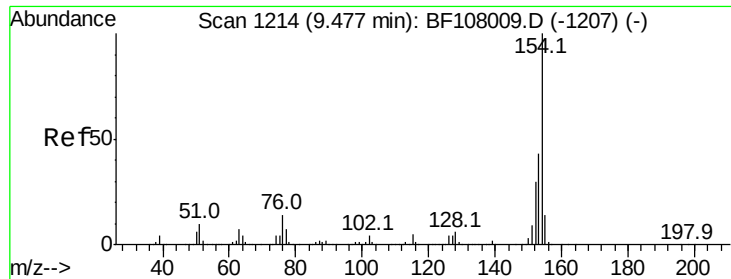
Sohil
 8/24/2018 12:13:58 PM



#44
 2-Fluorobiphenyl
 Concen: 96.830 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	172	Resp	1718222
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4





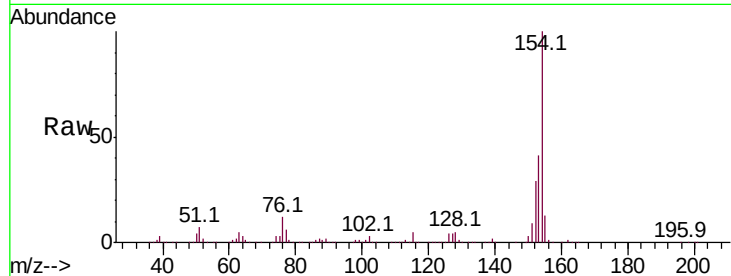
#45
 1,1'-Biphenyl
 Concen: 46.752 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampled :
 PB112242BSD

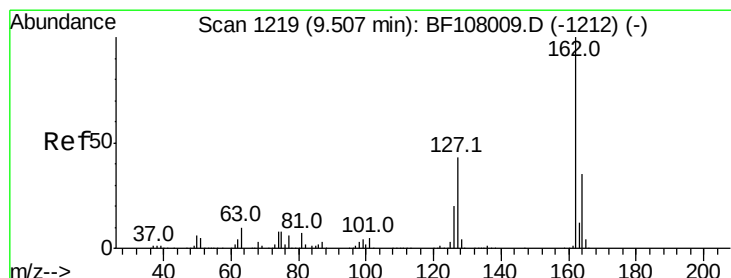
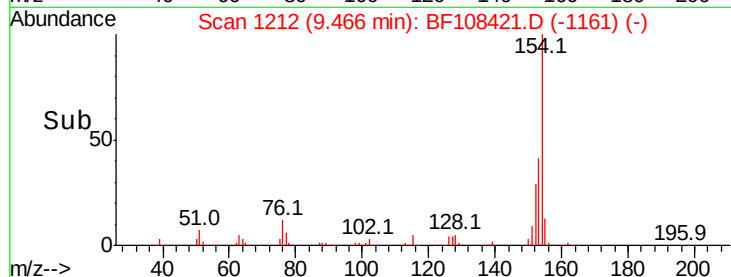
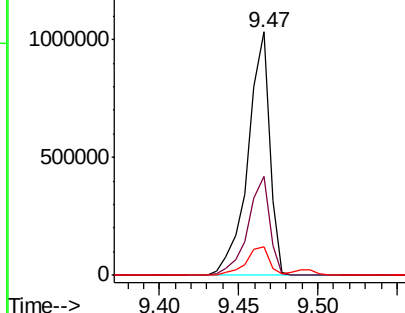
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	11.8	0.0	34.0	

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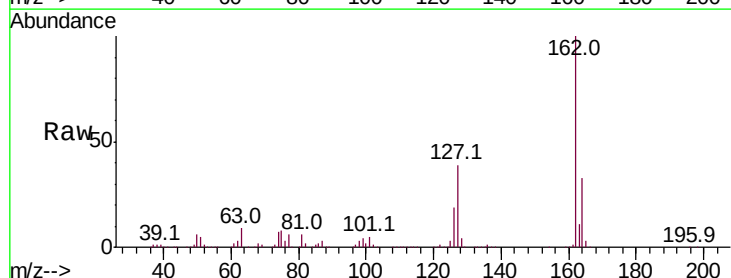


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

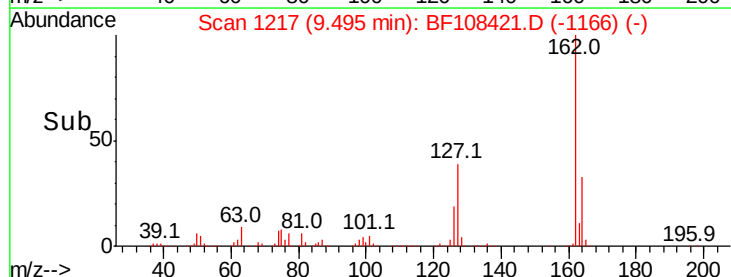
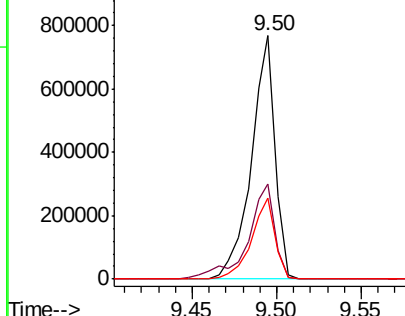


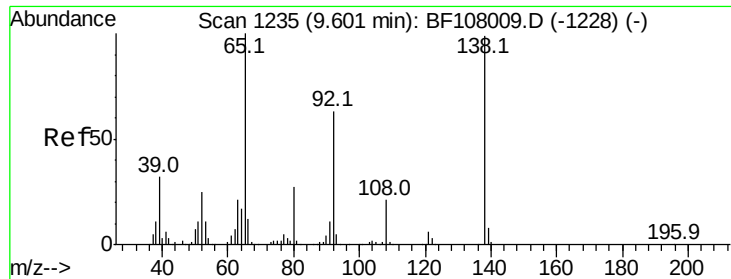
#46
 2-Chloronaphthalene
 Concen: 45.469 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.3	33.9	50.9	
164	33.3	26.5	39.7	



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





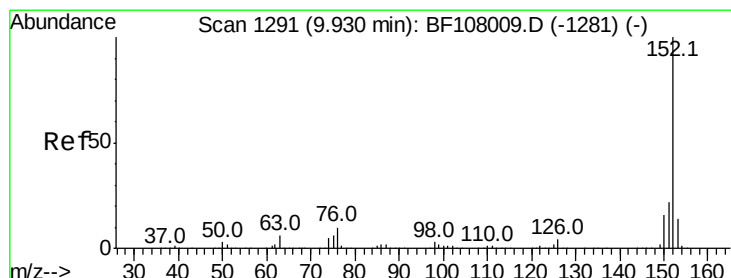
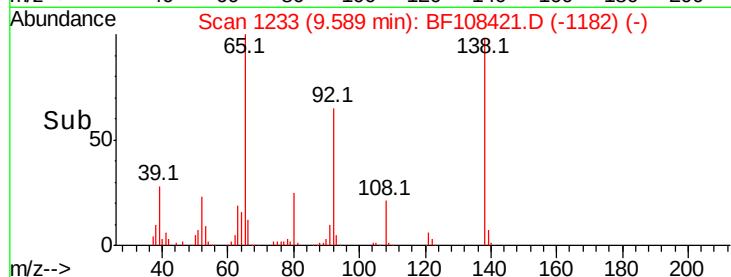
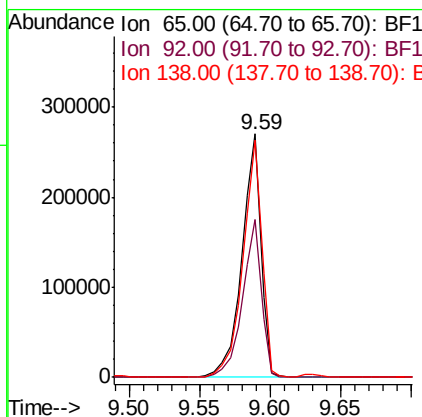
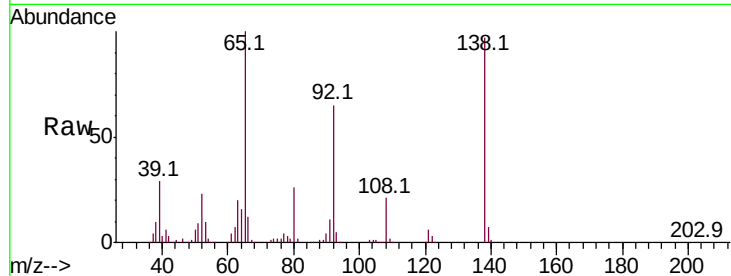
#47
2-Nitroaniline
Concen: 47.263 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	55.8	83.6
138	97.3	91.2	136.8

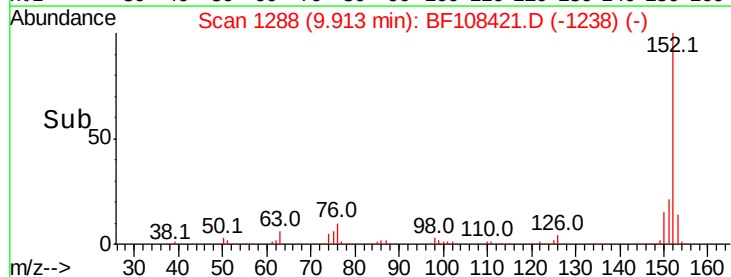
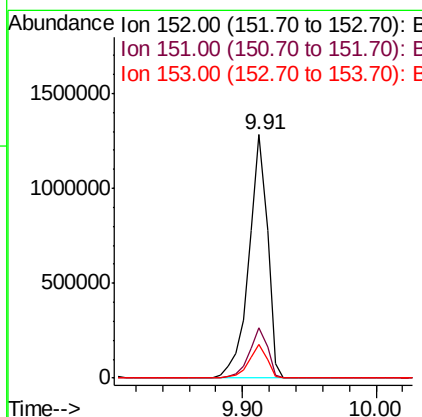
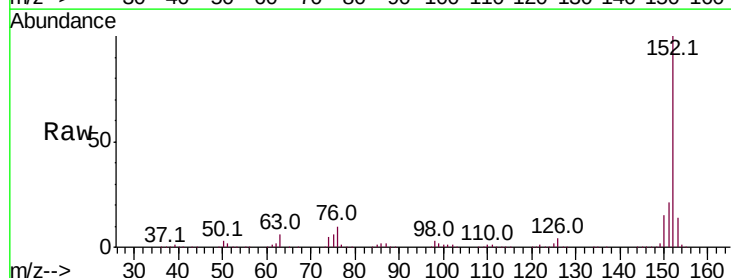
Manual Integrations
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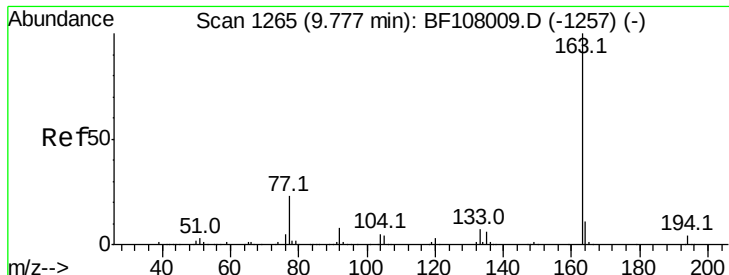
Sohil
8/24/2018 12:13:58 PM



#48
Acenaphthylene
Concen: 46.270 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 46.850 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

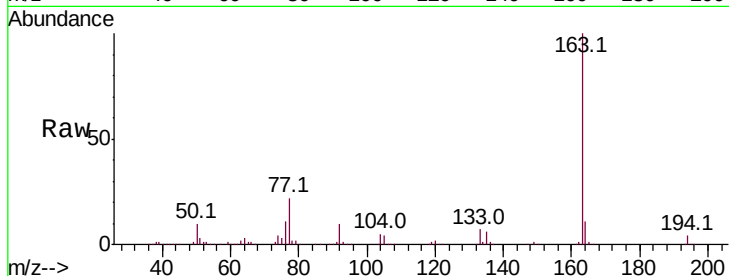
ClientSampleId :

PB112242BSD

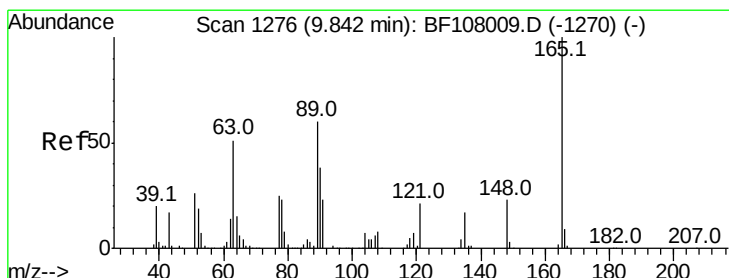
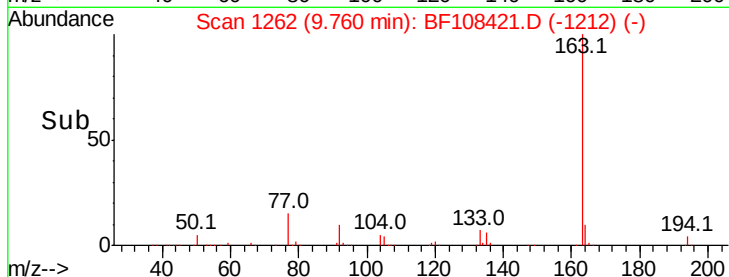
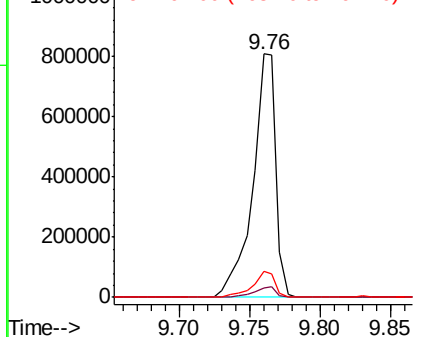
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.6	8.2	12.2	

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



#50

2,6-Dinitrotoluene

Concen: 47.894 ng

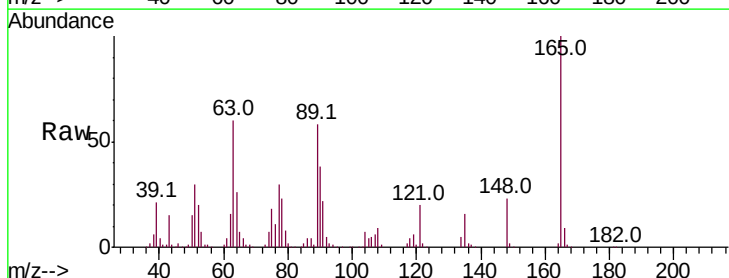
RT: 9.83 min Scan# 1274

Delta R.T. -0.00 min

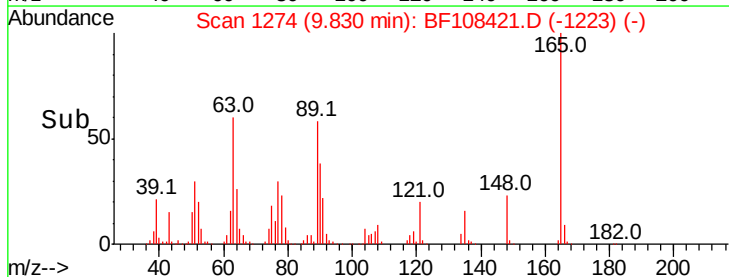
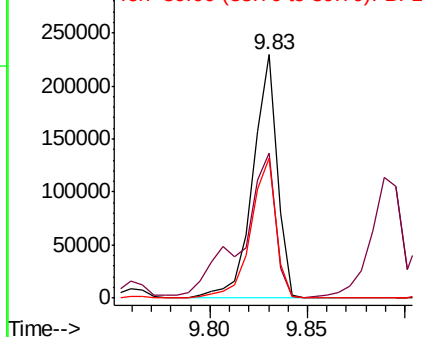
Lab File: BF108421.D

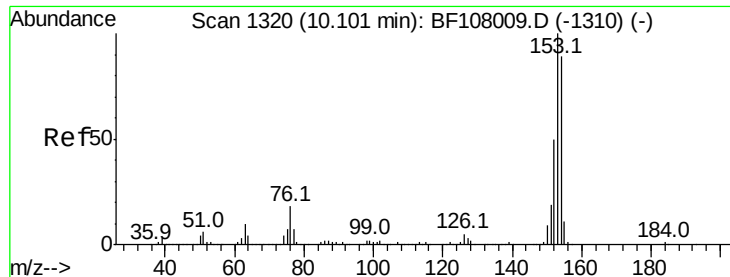
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.7	44.7	67.1	
89	57.6	44.0	66.0	



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





#51

Acenaphthene

Concen: 44.264 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

PB112242BSD

Tot Ion:154 Resp: 711547

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

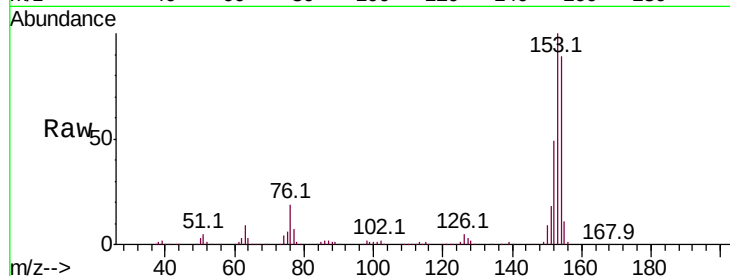
152 55.3 43.8 65.8

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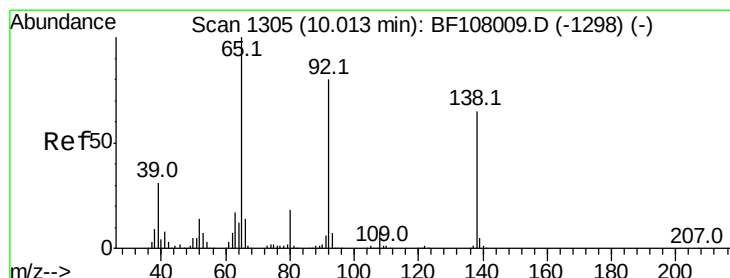
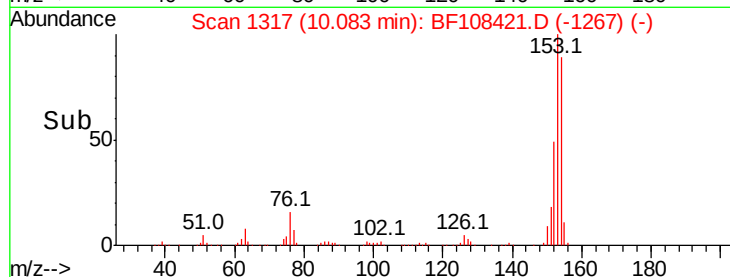
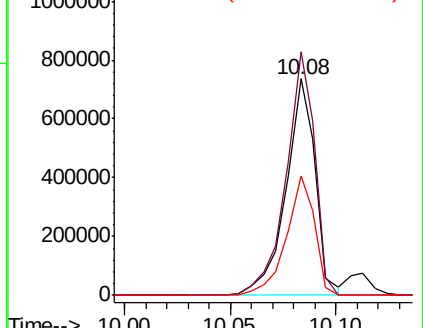
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.917 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

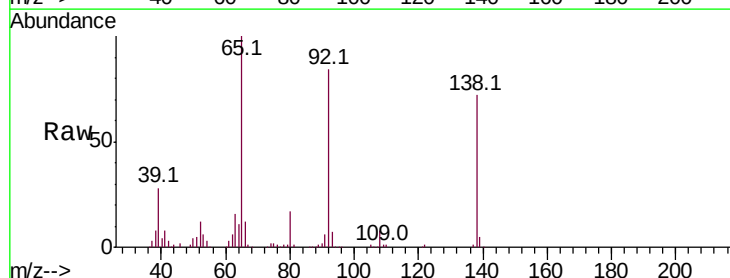
Tgt Ion:138 Resp: 126816

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

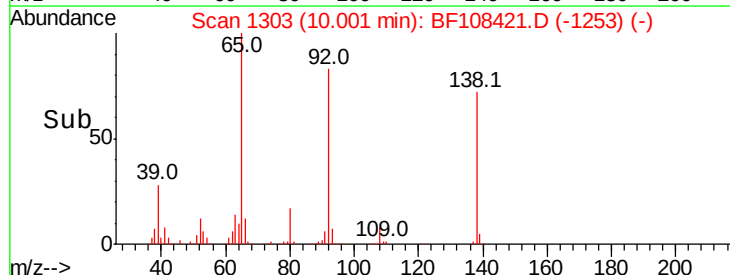
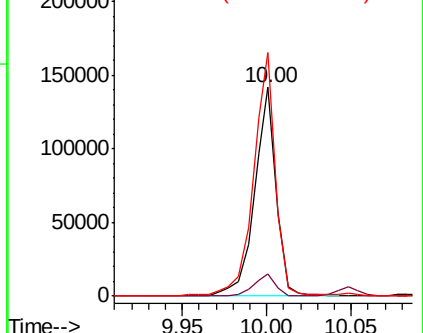
92 116.7 89.4 134.2

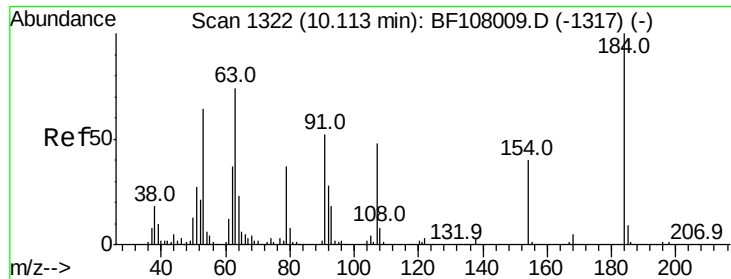


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





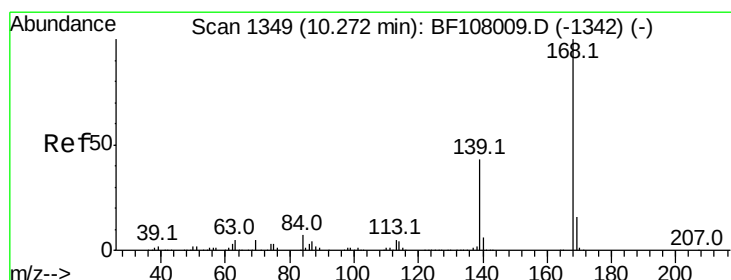
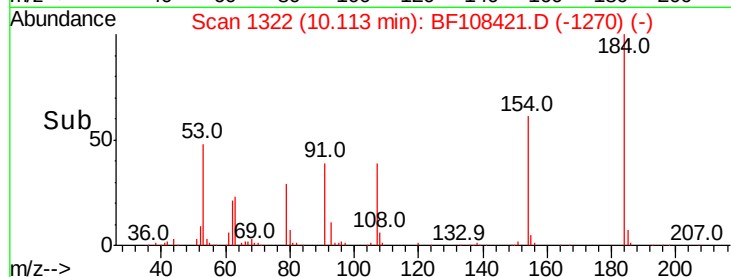
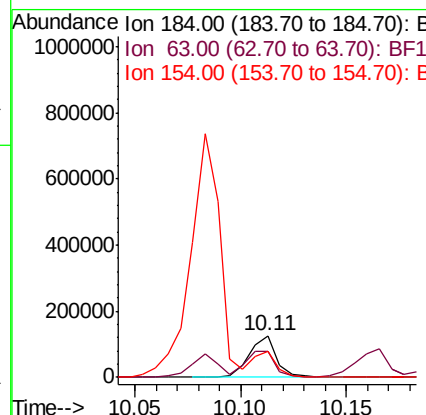
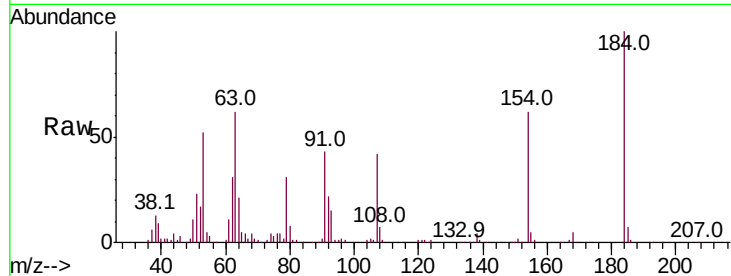
#53
 2,4-Dinitrophenol
 Concen: 73.753 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.2	54.2	81.2	
154	61.6	184.0	276.0	

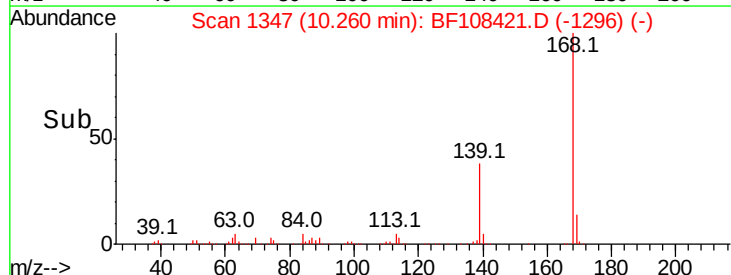
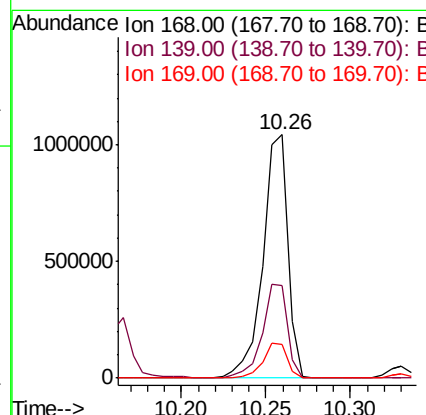
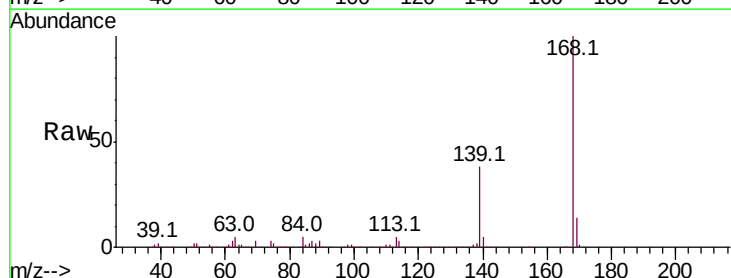
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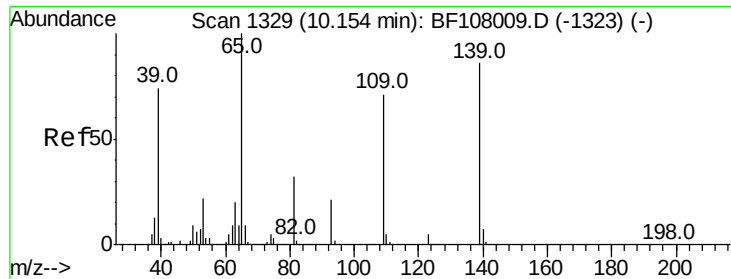
Sohil
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#54
 Dibenzofuran
 Concen: 46.006 ng
 RT: 10.26 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.8	30.1	45.1	
169	14.0	10.9	16.3	





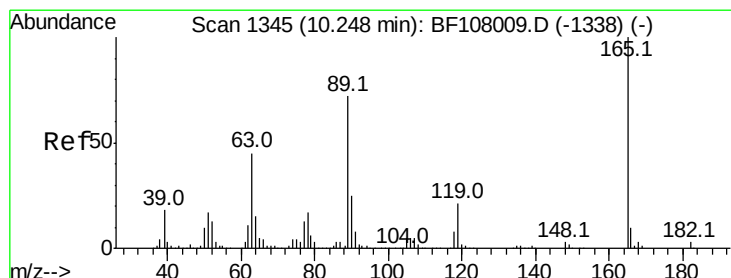
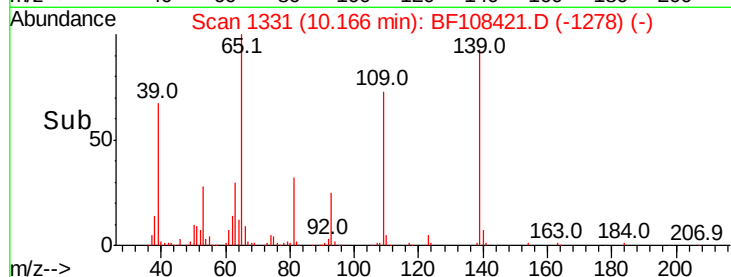
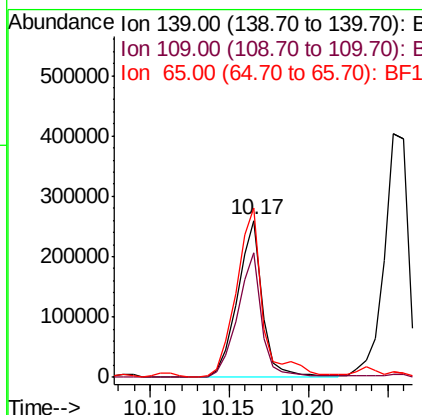
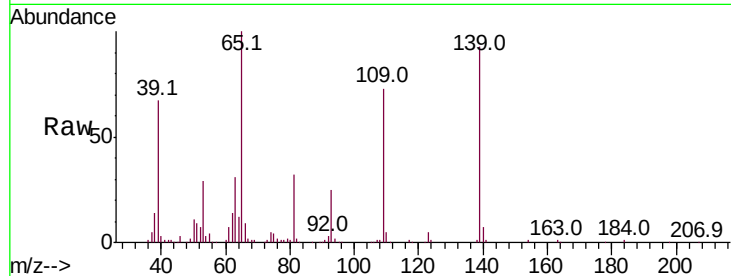
#55
4-Nitrophenol
Concen: 82.292 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampled :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	79.2	48.4	88.4
65	107.9	72.6	112.6

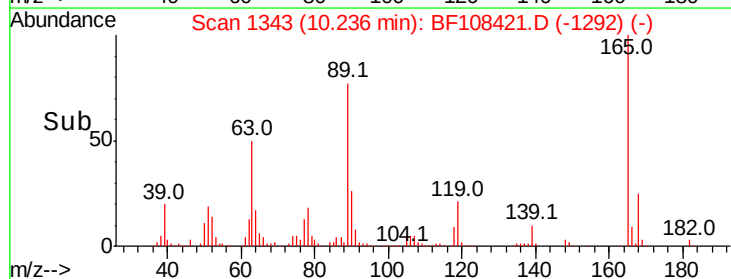
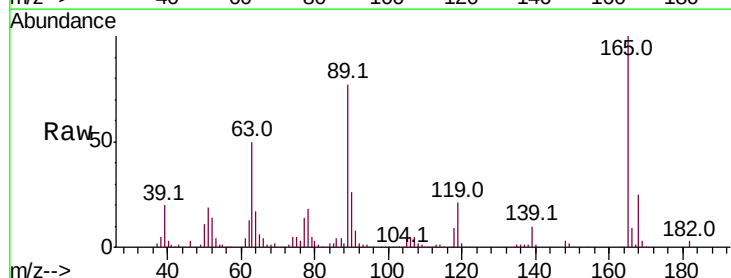
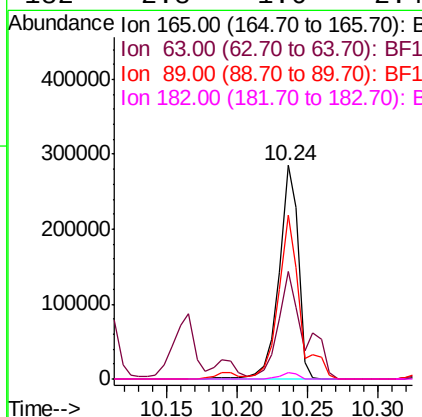
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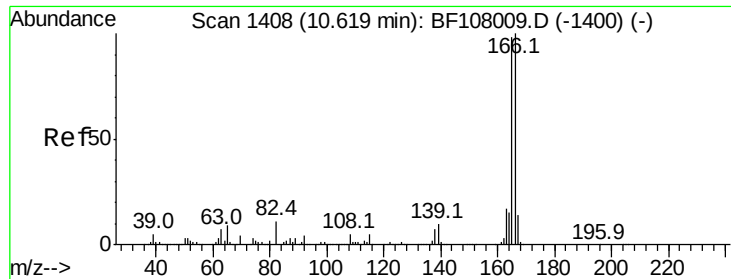
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.671 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.3	36.4	54.6
89	77.0	57.8	86.6
182	2.8	1.6	2.4#





#57

Fluorene

Concen: 46.097 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

ClientSampleId :

PB112242BSD

Tot Ion:166 Resp: 849852

Ion Ratio Lower Upper

166 100

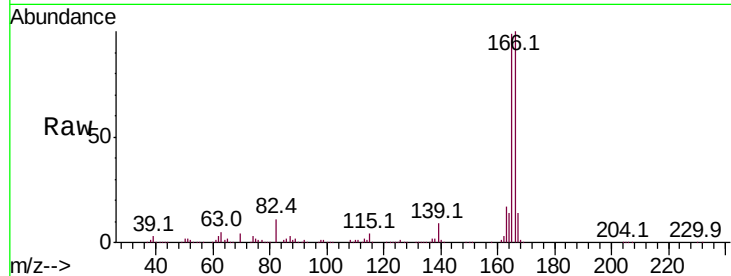
165 99.0 79.8 119.8

167 14.0 10.6 16.0

Manual Integrations
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Sohil

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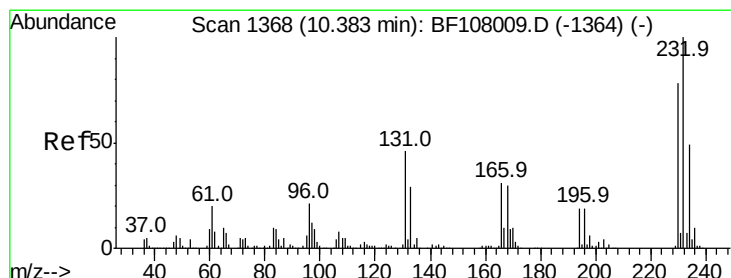
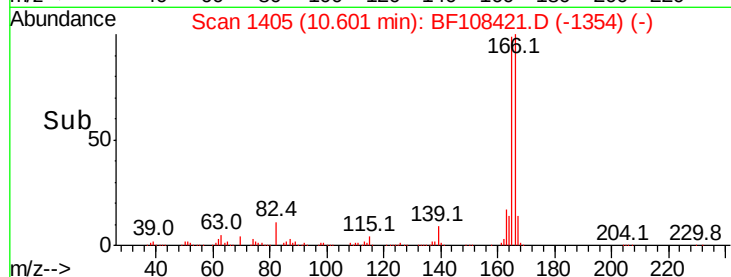
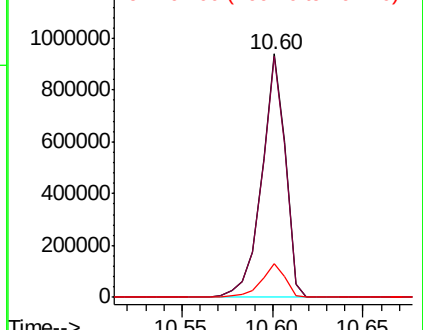


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.306 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:232 Resp: 241294

Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

130 2.2 2.1 3.1

166 29.2 27.8 41.6

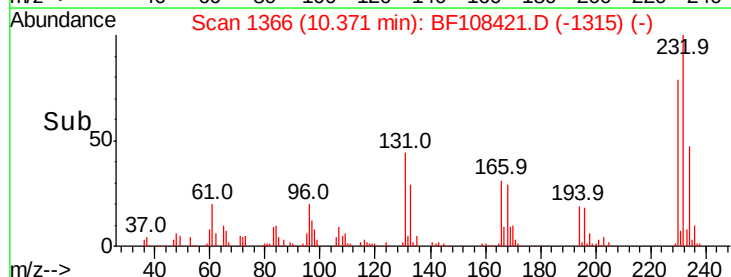
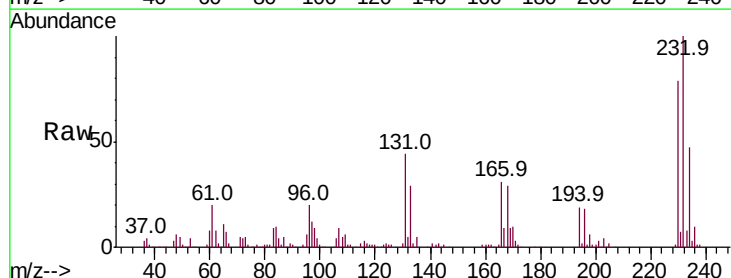
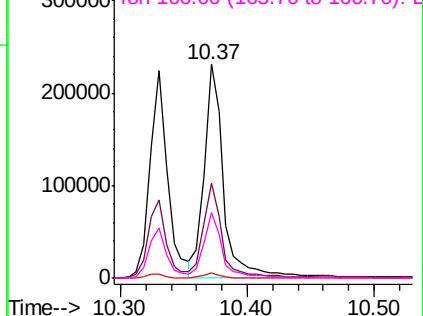
Abundance

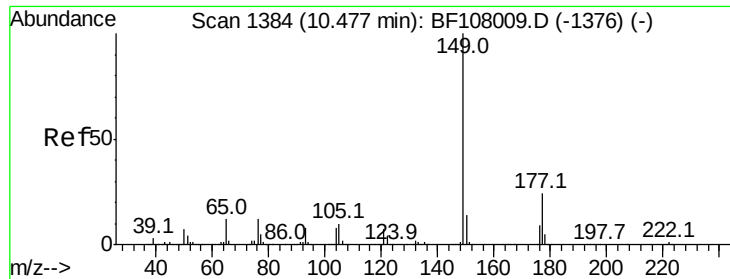
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





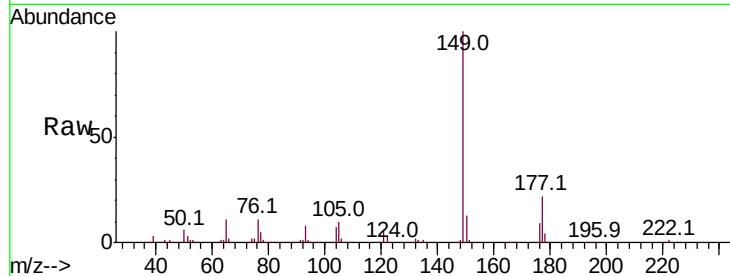
#59
Diethylphthalate
Concen: 46.676 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	896935		
177	22.0	16.1	24.1	
150	12.7	10.1	15.1	

Manual Integrations
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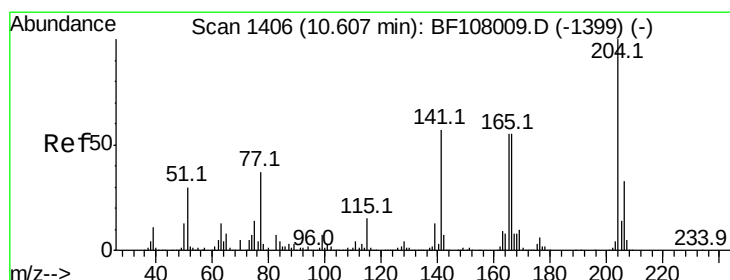
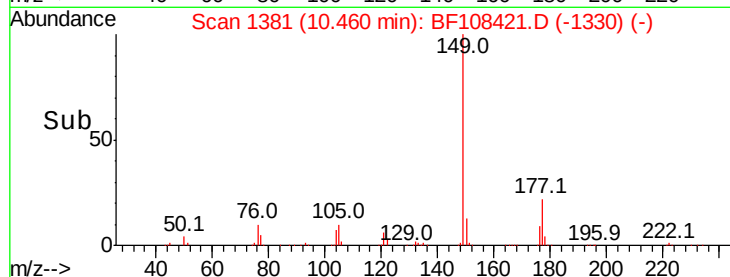
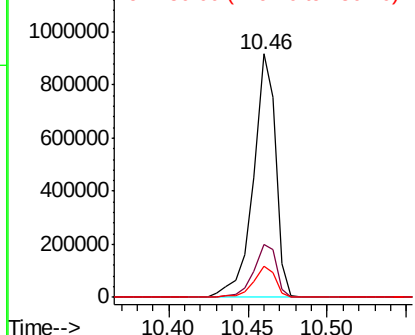


Abundance

Ion 149.00 (148.70 to 149.70): E

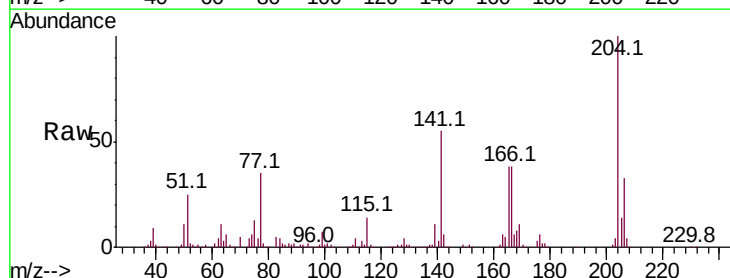
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.384 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	435990		
206	32.8	26.5	39.7	
141	55.1	54.6	81.8	

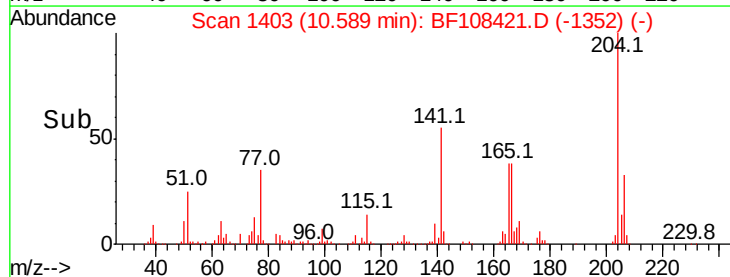
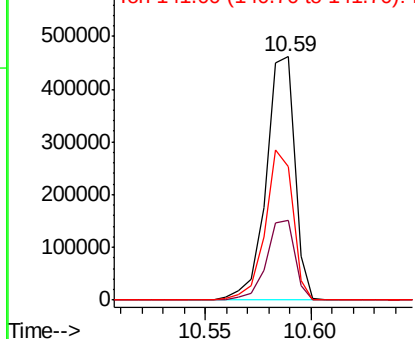


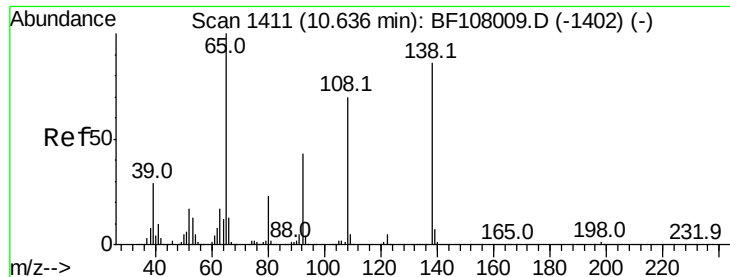
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





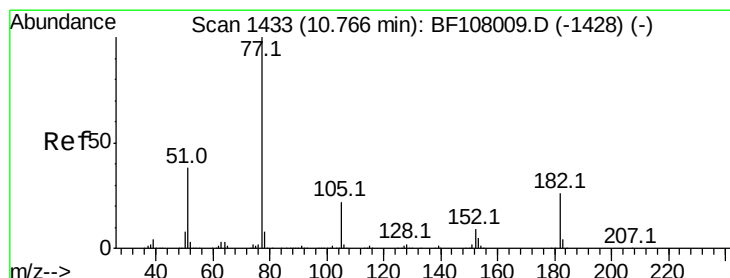
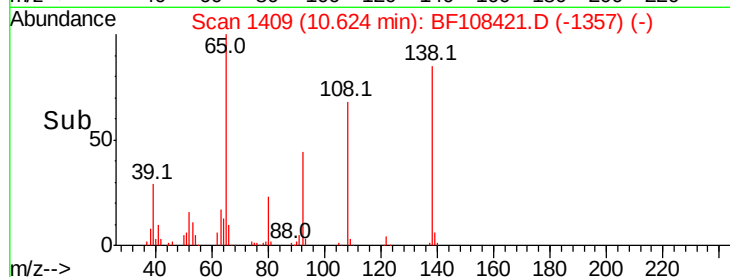
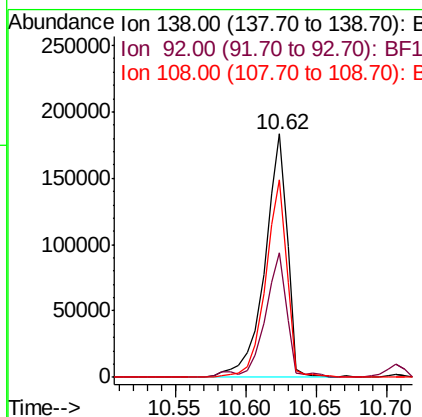
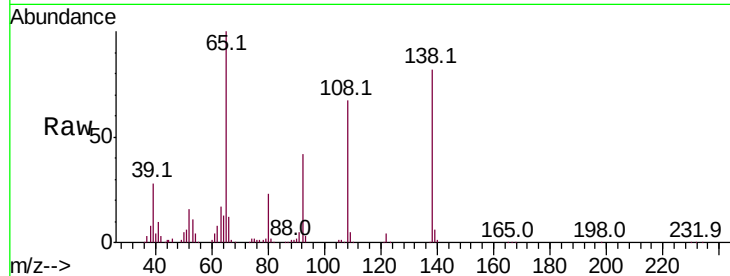
#61
4-Nitroaniline
Concen: 45.924 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	206255		
92	51.2	30.2	70.2	
108	81.1	52.5	92.5	

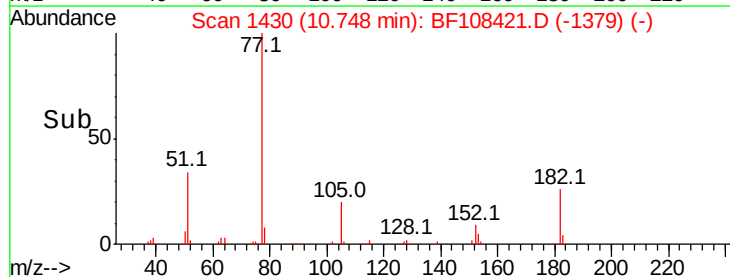
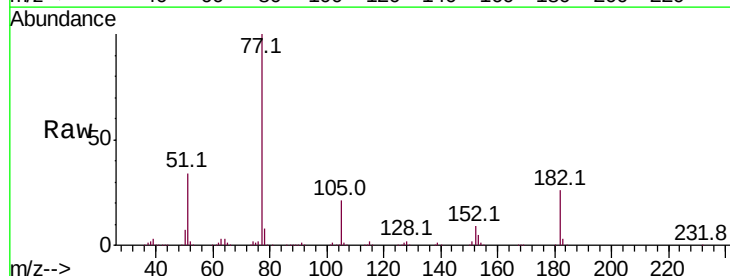
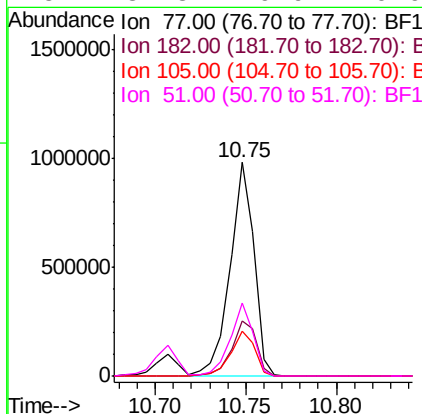
Manual Integrations
APPROVED

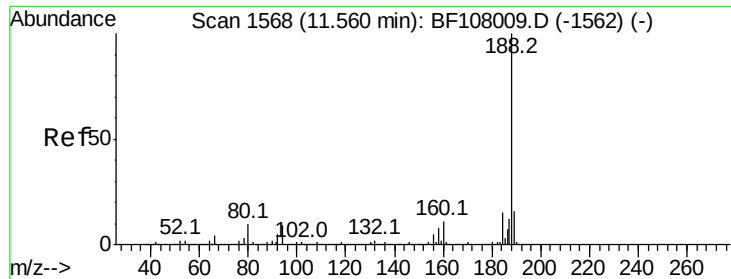
Sohil
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#62
Azobenzene
Concen: 45.331 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	899597		
182	25.5	1.7	41.7	
105	20.9	3.0	43.0	
51	34.3	9.9	49.9	





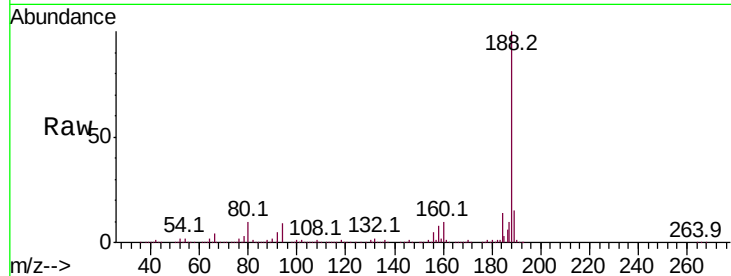
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	570158		
94	9.0		8.5	12.7
80	10.1		9.2	13.8

Manual Integrations
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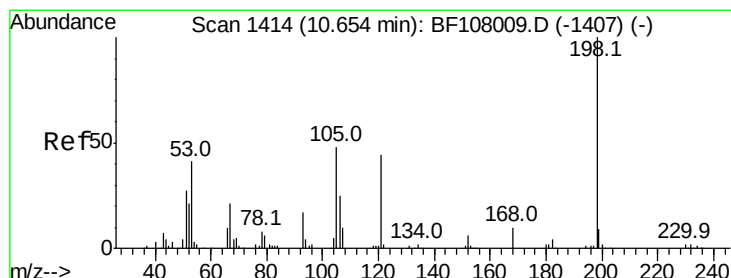
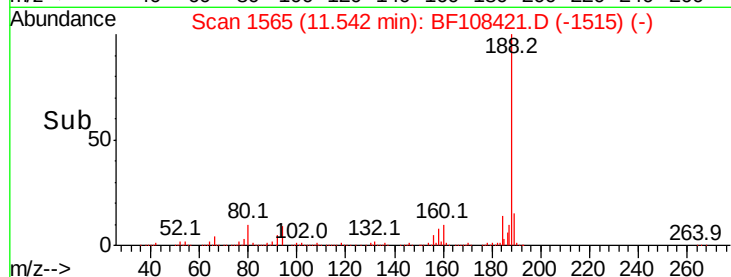
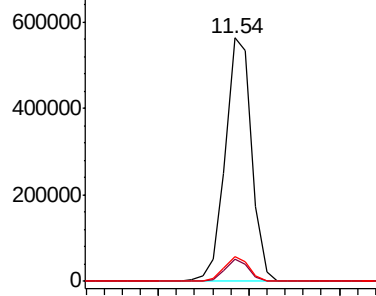
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

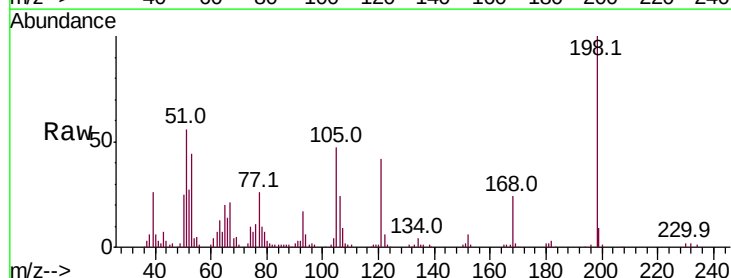
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 43.373 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

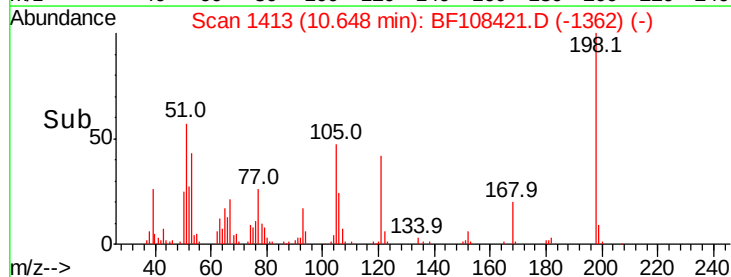
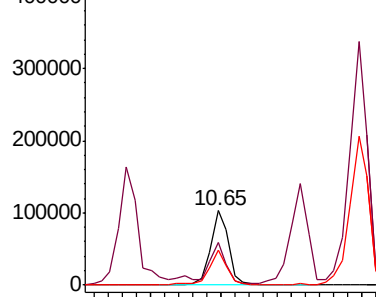
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91598		
51	56.5		37.7	77.7
105	46.7		36.3	76.3

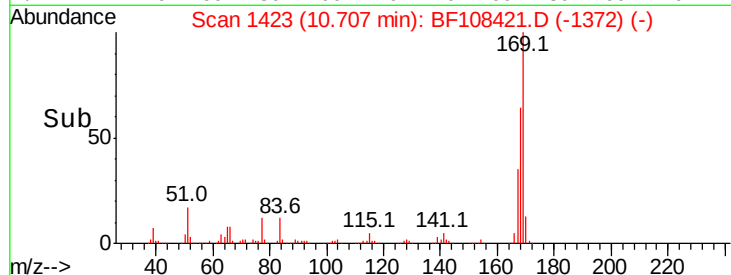
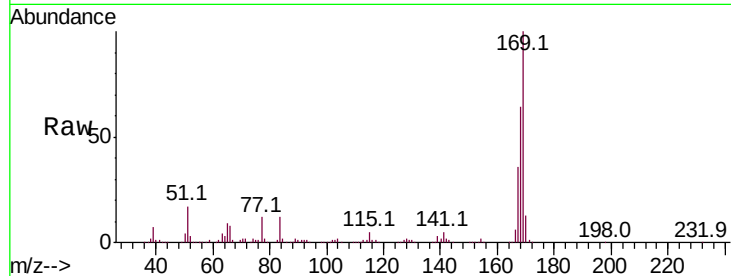
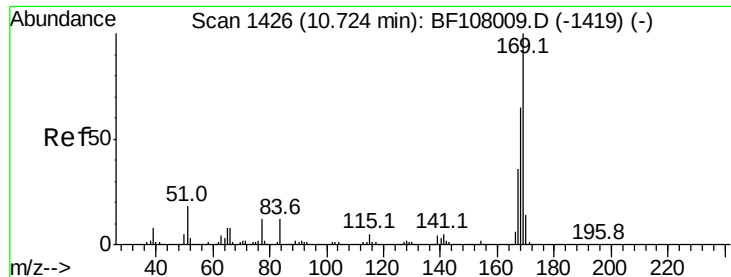


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





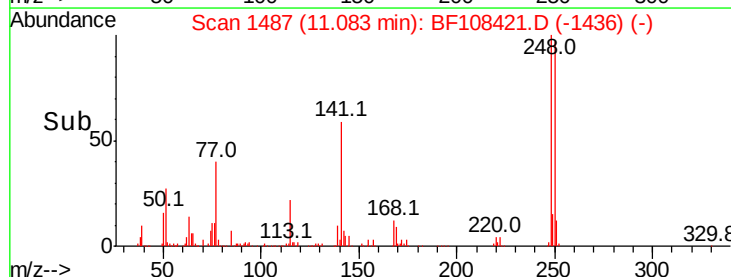
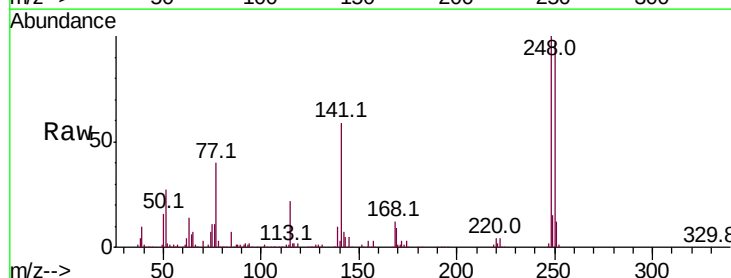
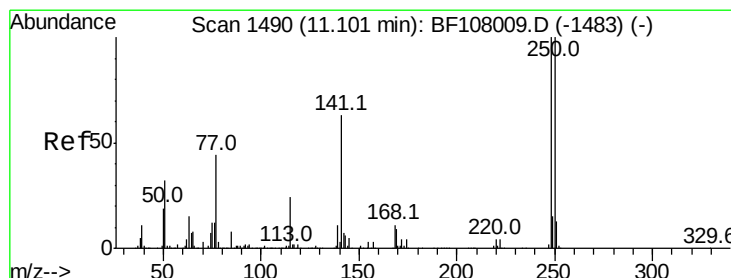
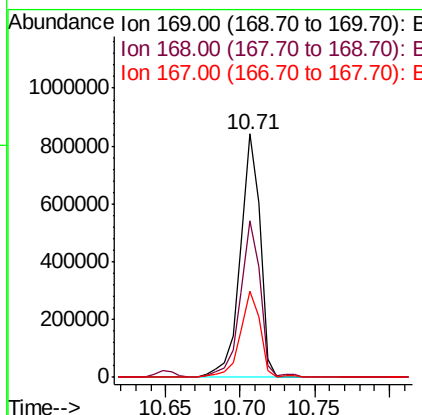
#65
n-Nitrosodiphenylamine
Concen: 46.147 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	777521		
168	64.4	54.4	81.6	
167	35.6	29.8	44.6	

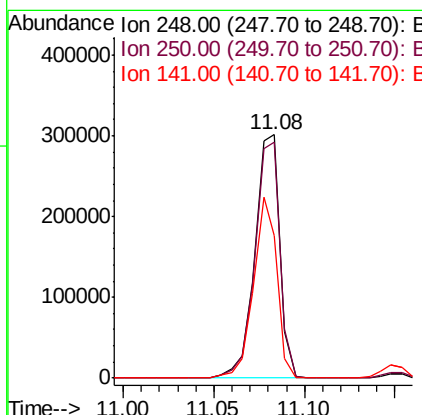
Manual Integrations
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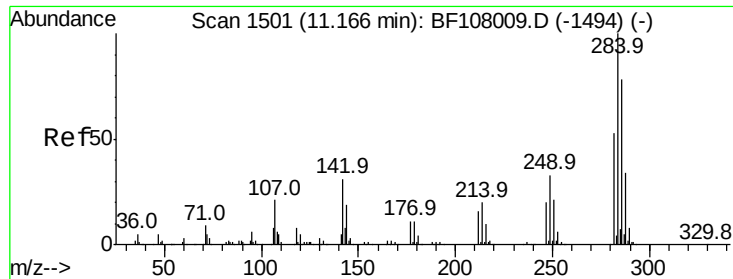
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#66
4-Bromophenyl-phenylether
Concen: 46.616 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288839		
250	96.8	76.9	115.3	
141	58.6	74.4	111.6	





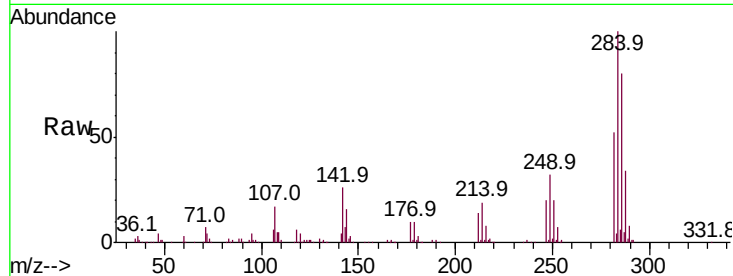
#67
Hexachlorobenzene
Concen: 46.358 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.1	34.6	52.0	
249	31.9	24.8	37.2	

Manual Integrations
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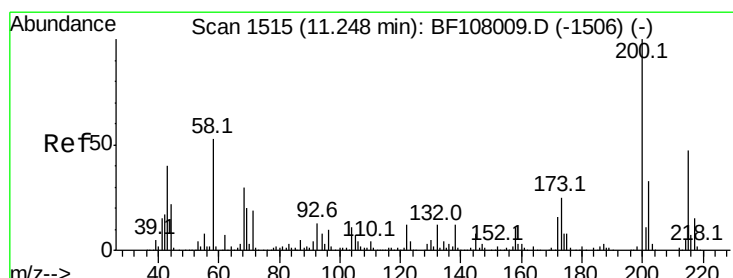
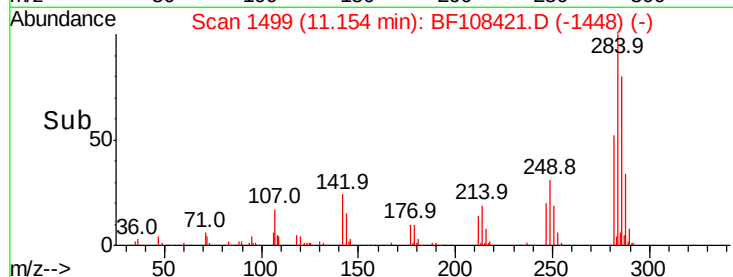
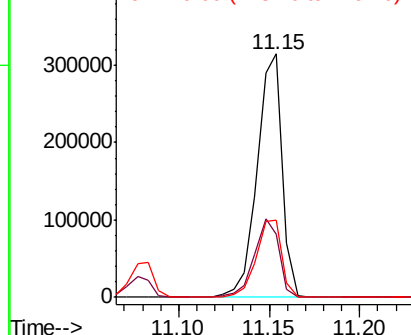


Abundance

Ion 283.80 (283.50 to 284.50): E

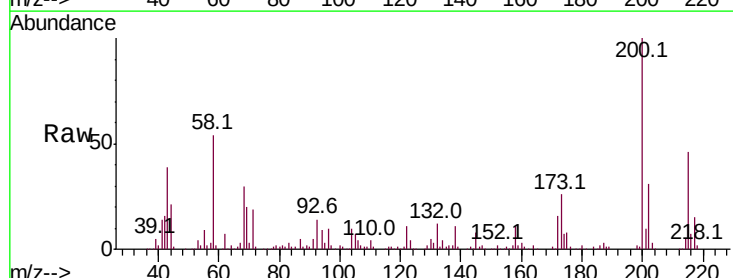
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 47.825 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	8.6	48.6	
215	45.8	25.1	65.1	

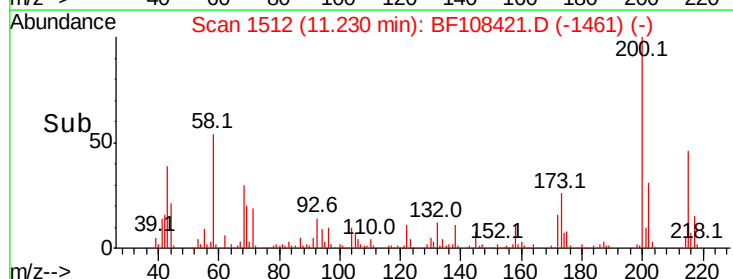
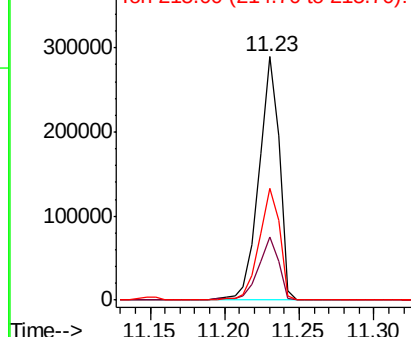


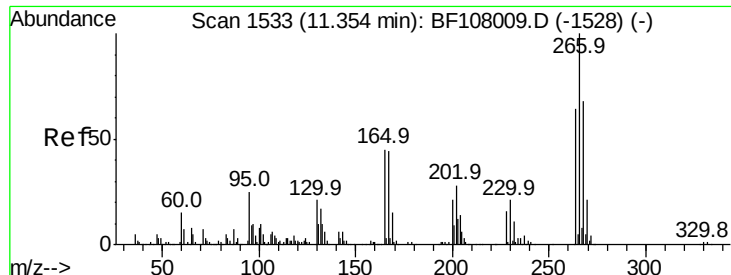
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





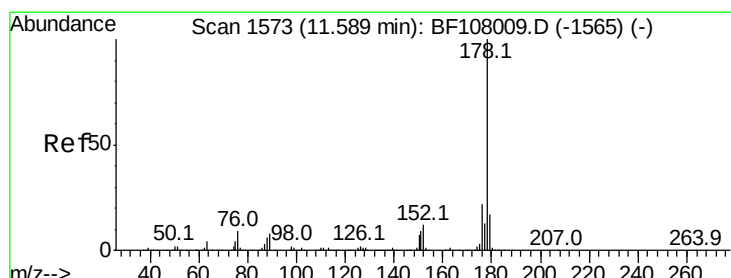
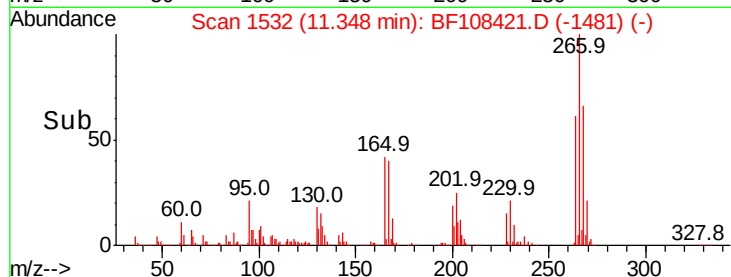
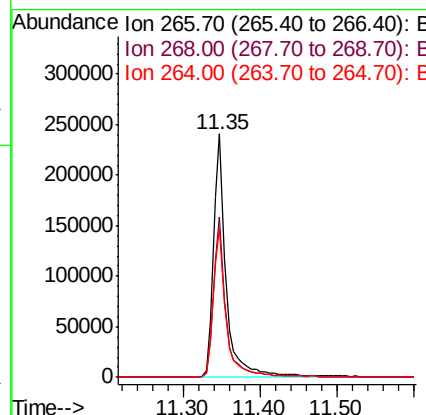
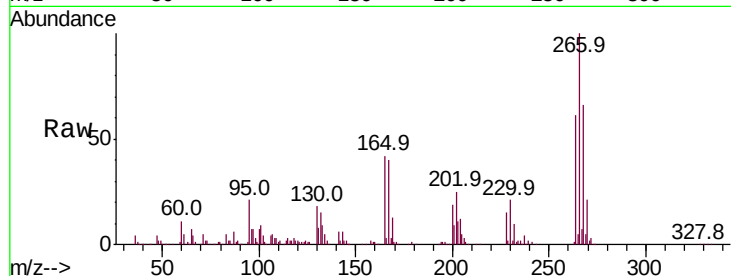
#69
 Pentachlorophenol
 Concen: 87.667 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	273555		
268	65.8		51.1	76.7
264	61.4		49.5	74.3

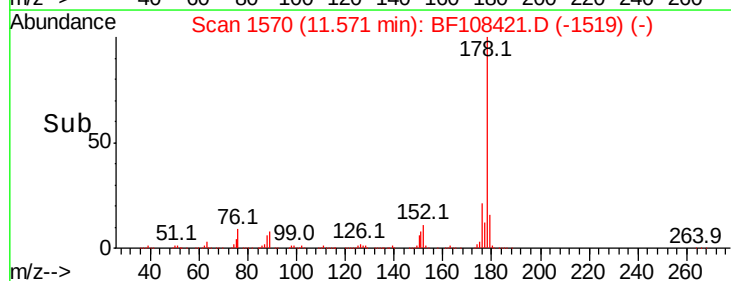
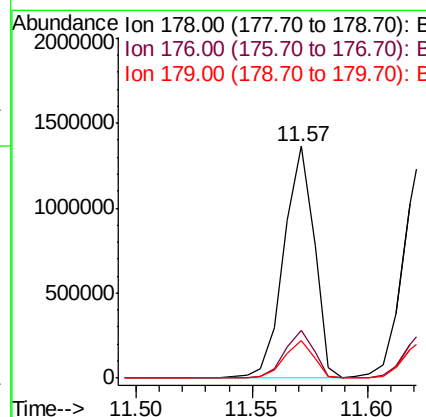
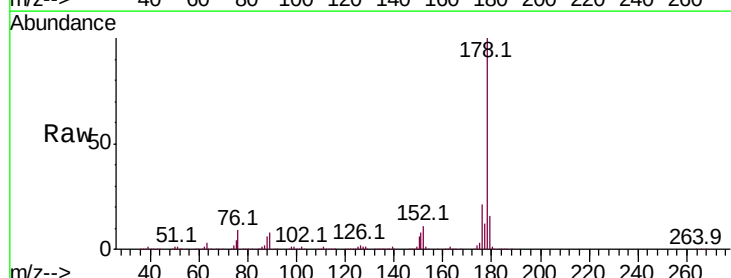
Manual Integrations
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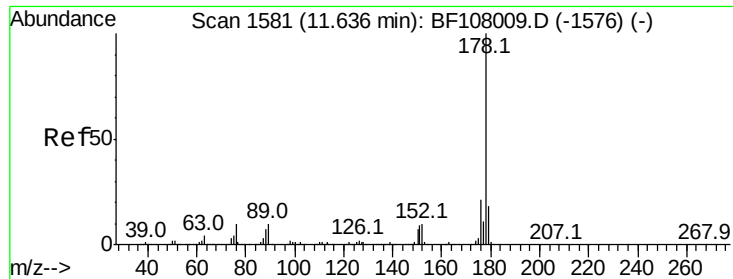
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#70
 Phenanthrene
 Concen: 46.087 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1239388		
176	20.5		15.8	23.8
179	16.2		13.0	19.6





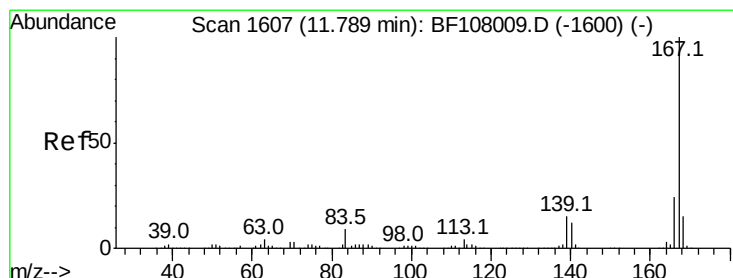
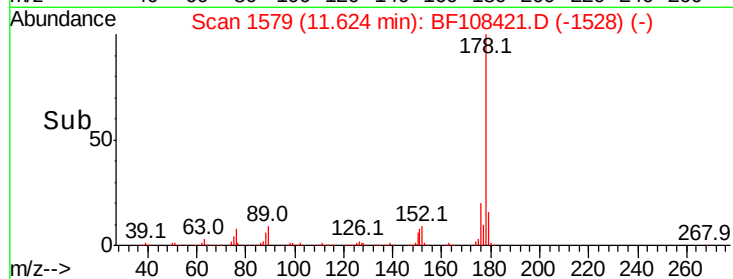
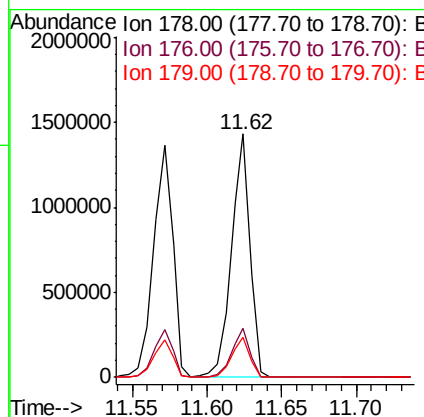
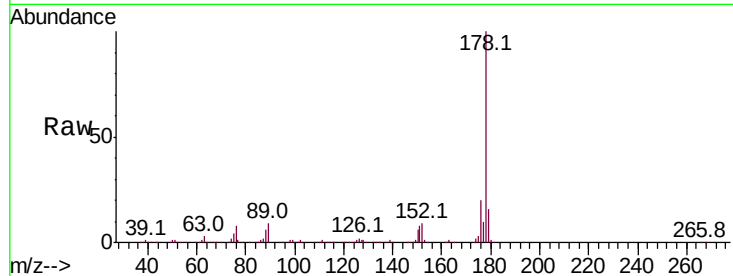
#71
 Anthracene
 Concen: 46.019 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion:178	Resp: 1268416		
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.3	12.6	19.0

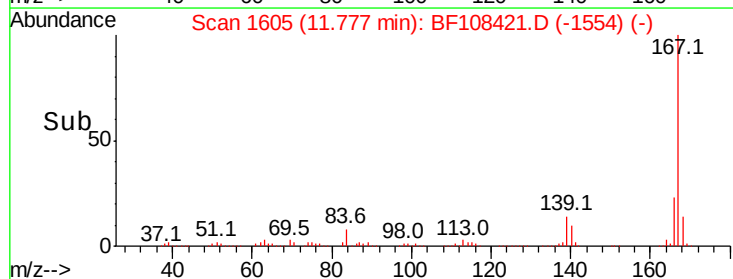
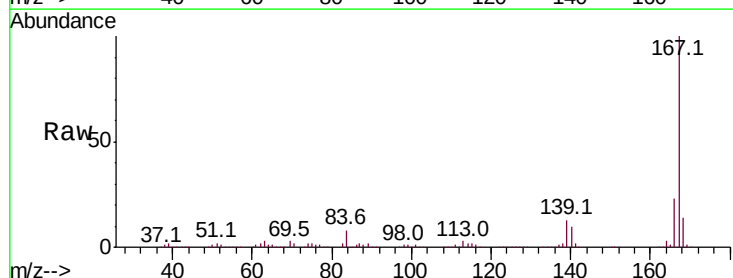
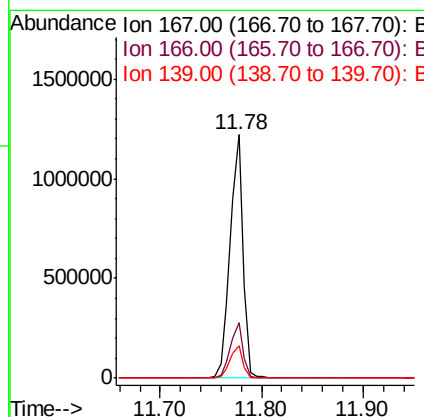
Manual Integrations
 APPROVED

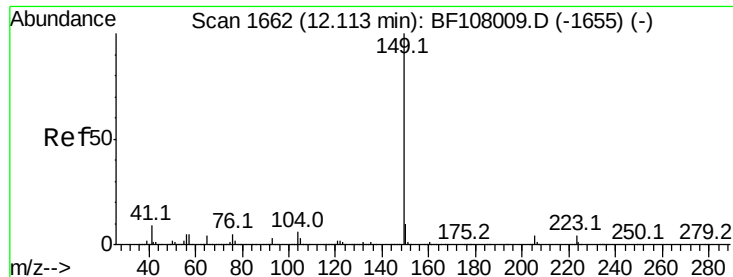
Sohil
 8/24/2018 12:13:58 PM



#72
 Carbazole
 Concen: 44.668 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion:167	Resp: 1093862		
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 49.079 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

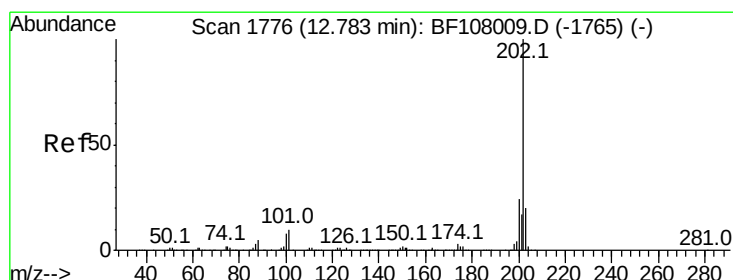
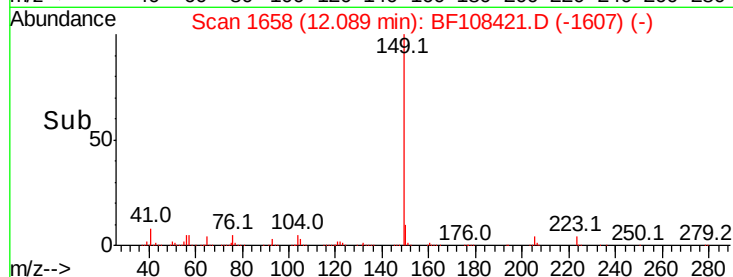
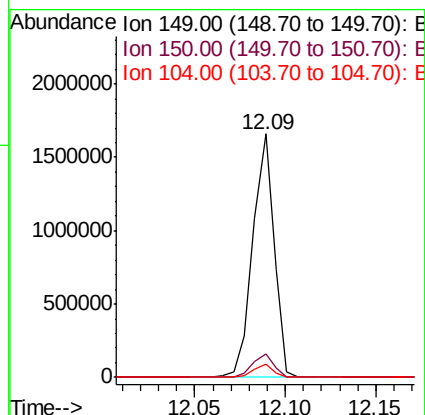
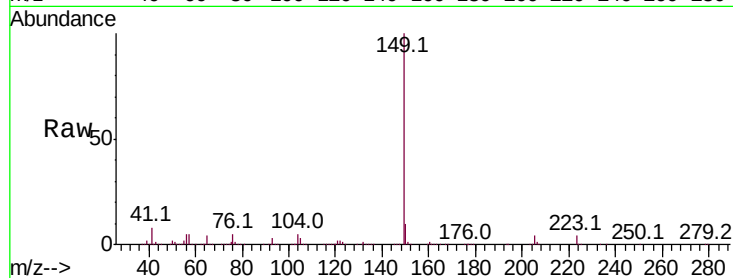
ClientSampleId :

PB112242BSD

Tot Ion:	149	Resp:	1361362
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.4	3.8	5.8

Manual Integrations
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8/24/2018 12:13:58 PM



#74

Fluoranthene

Concen: 45.597 ng

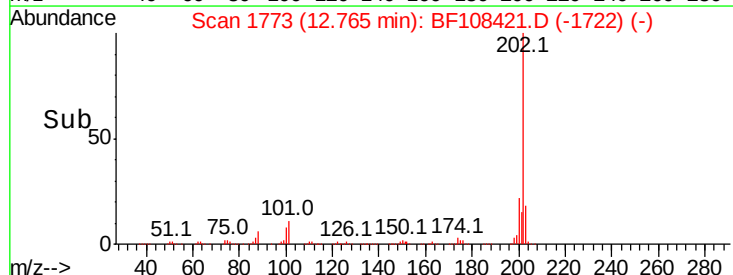
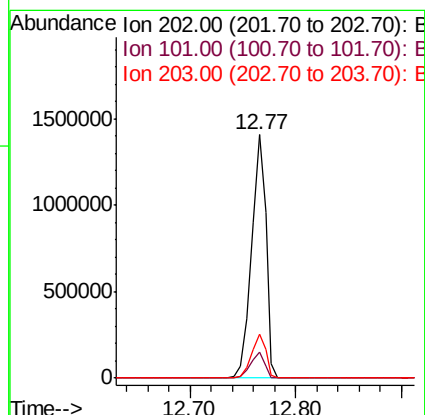
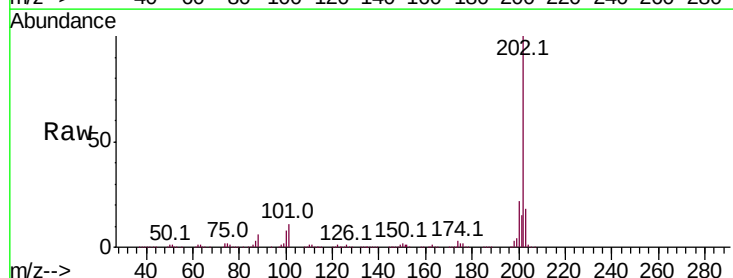
RT: 12.77 min Scan# 1773

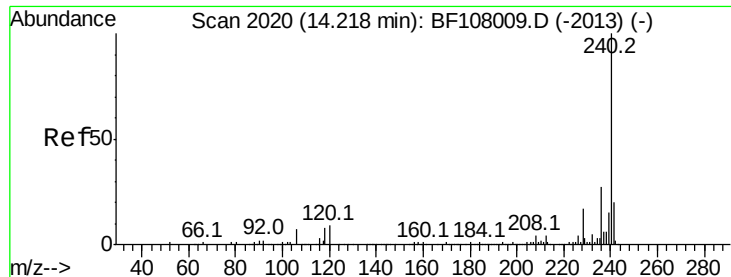
Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Tgt Ion:	202	Resp:	1338267
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

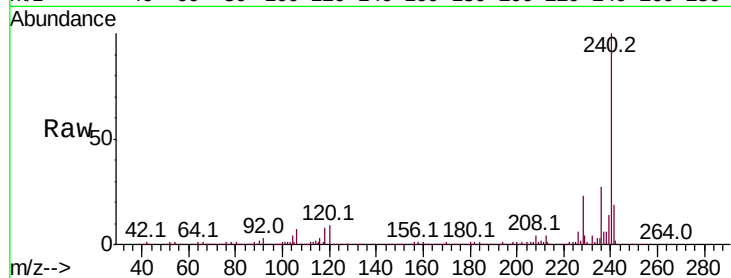
ClientSampleId :

PB112242BSD

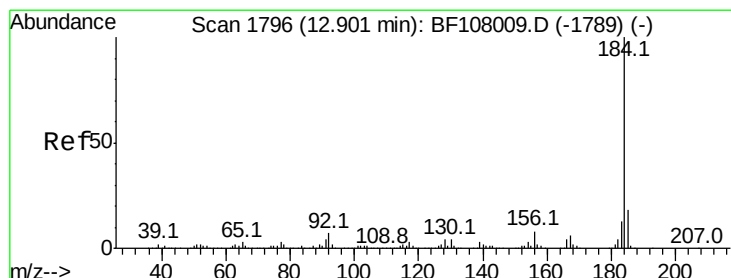
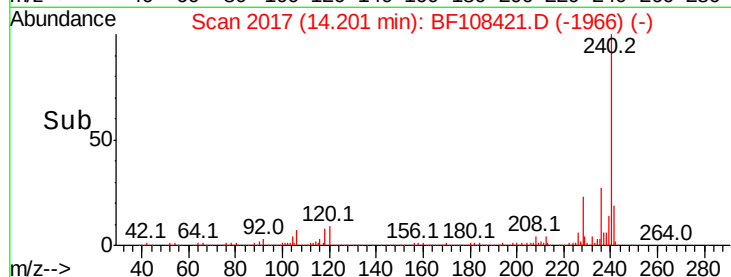
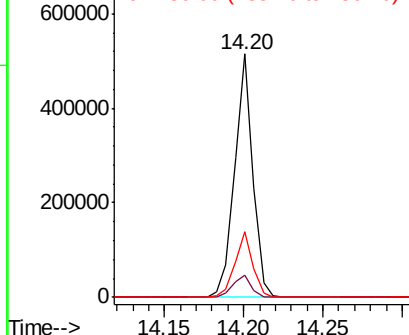
Tot Ion:	240	Resp:	410186
Ion Ratio	Lower	Upper	
240	100		
120	9.2	9.5	14.3#
236	26.9	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.302 ng

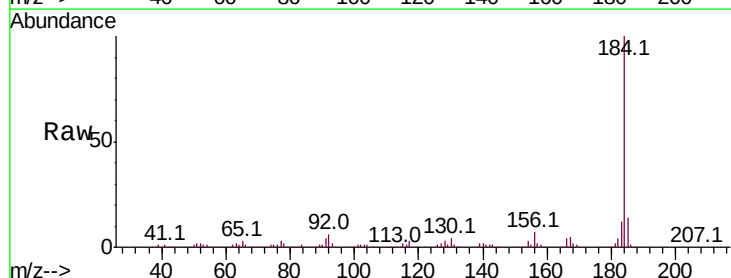
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

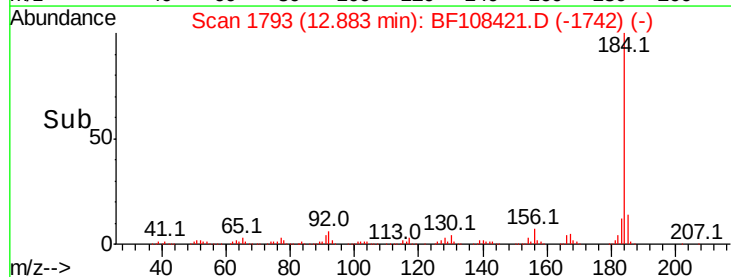
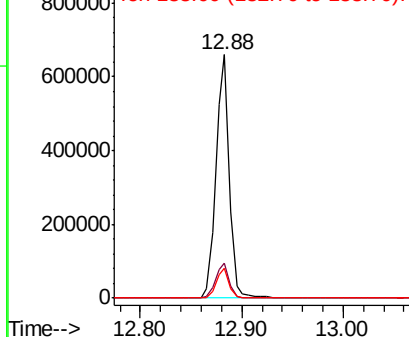
Lab File: BF108421.D

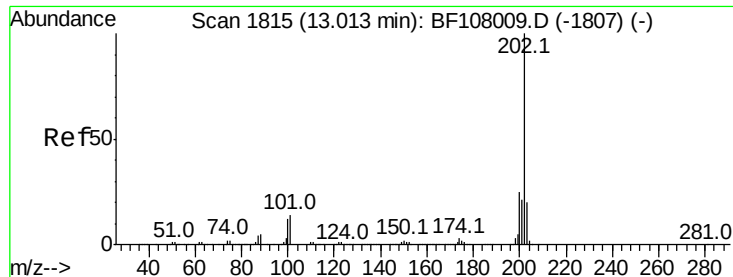
Acq: 23 Aug 2018 12:20

Tgt Ion:	184	Resp:	602318
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.1	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





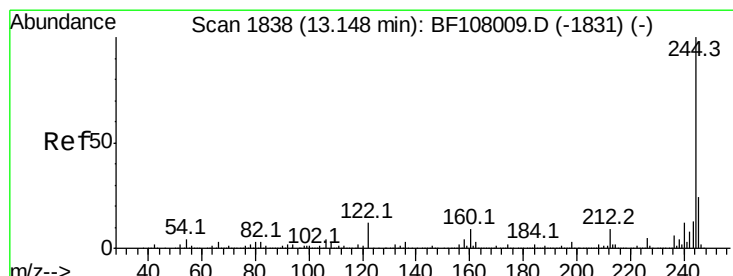
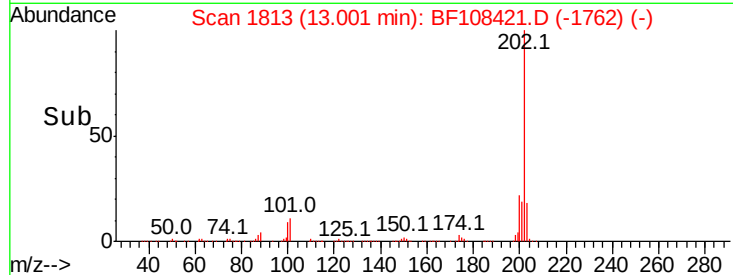
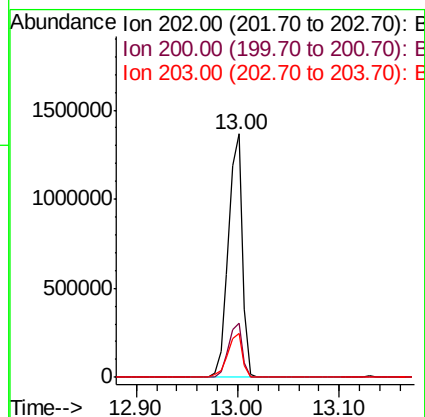
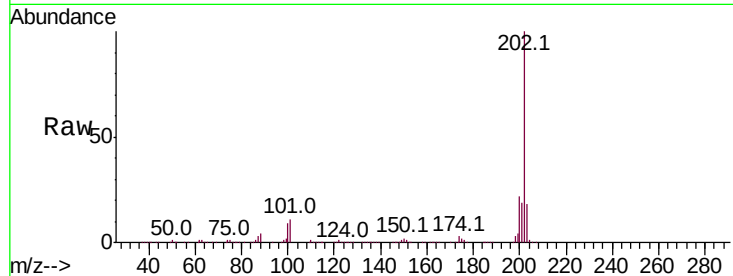
#77
Pvrene
Concen: 50.495 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.3	14.3	21.5

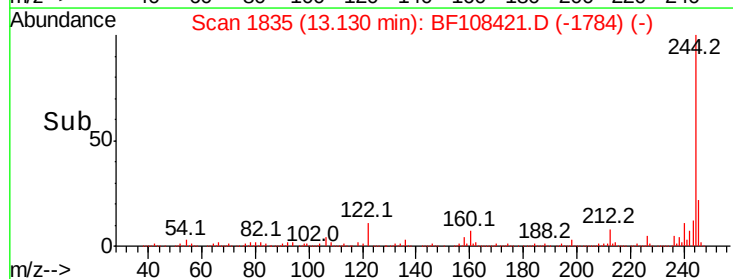
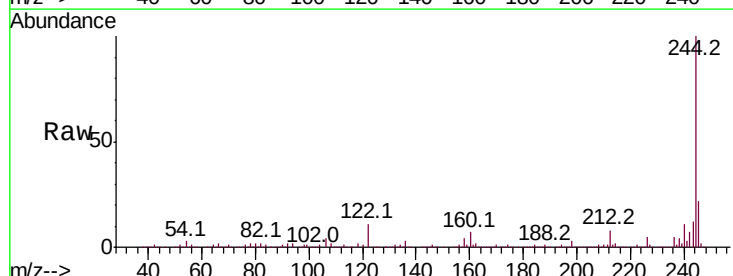
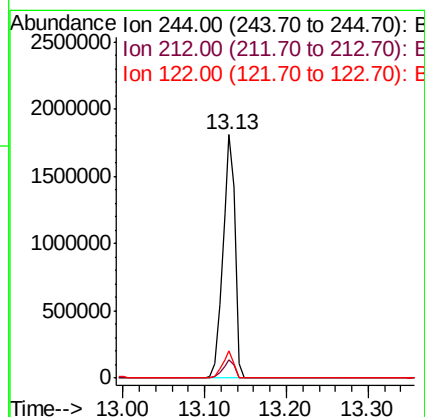
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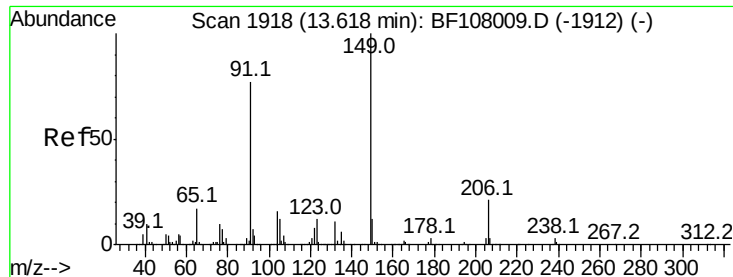
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#78
Terphenyl-d14
Concen: 114.886 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	11.3	11.0	16.4





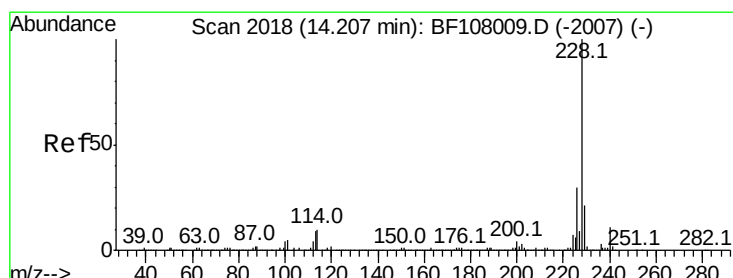
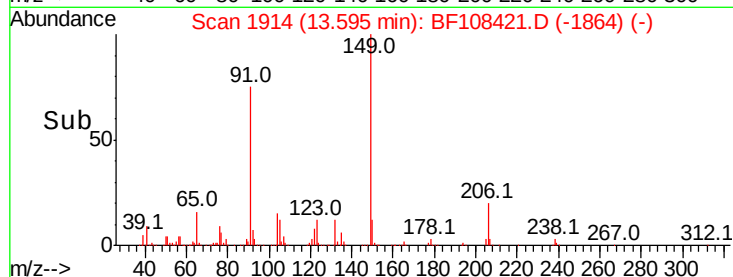
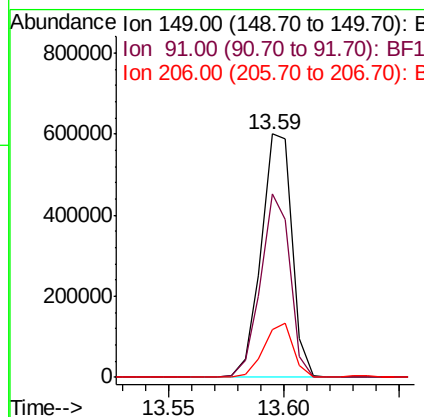
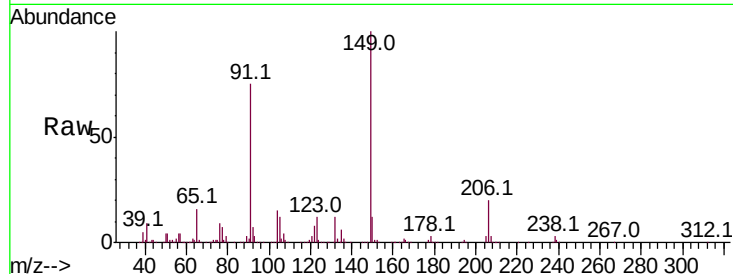
#79
Butylbenzylphthalate
Concen: 54.519 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	19.7	14.1	21.1

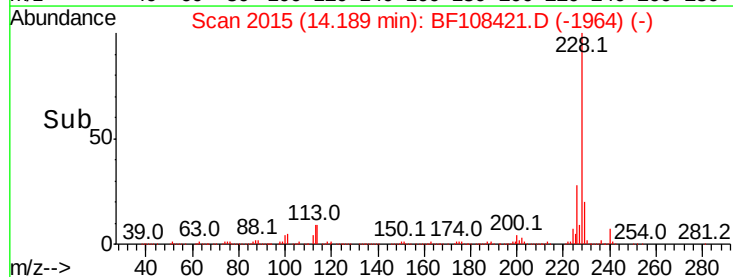
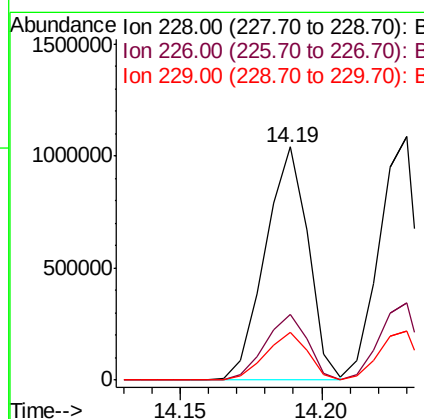
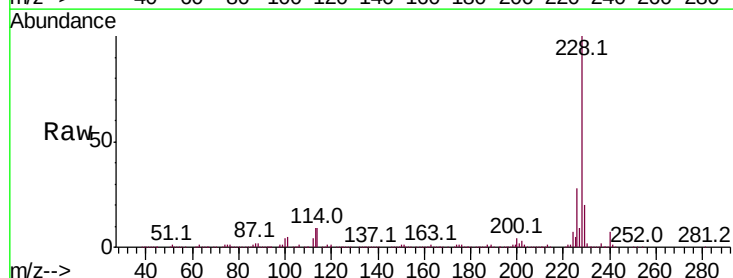
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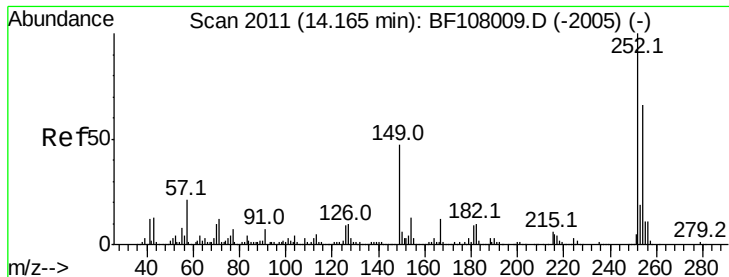
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#80
Benzo(a)anthracene
Concen: 46.635 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6





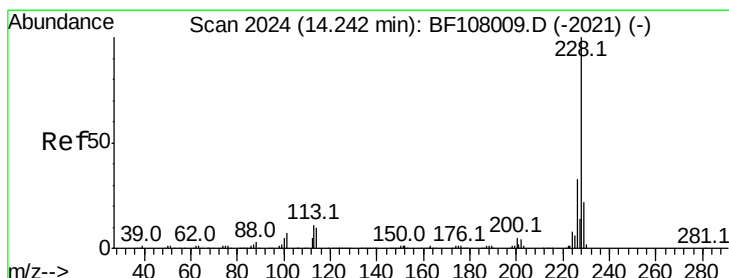
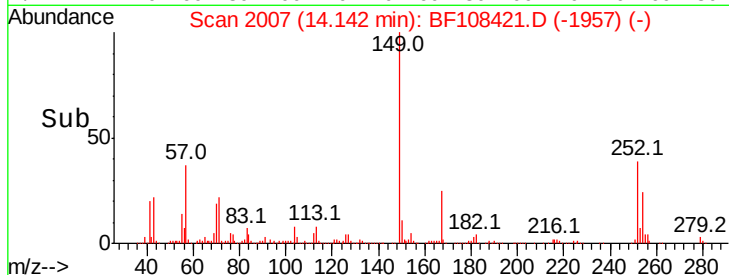
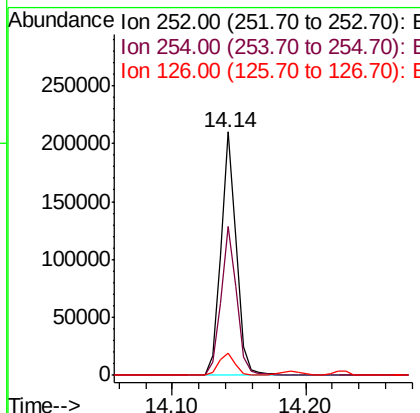
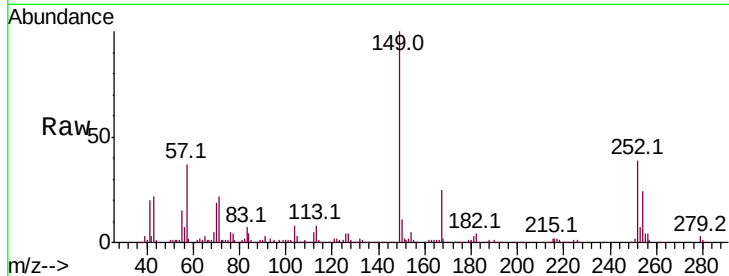
#81
 3,3'-Dichlorobenzidine
 Concen: 20.452 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampled :
 PB112242BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.2	50.4	75.6
126	9.0	11.3	16.9

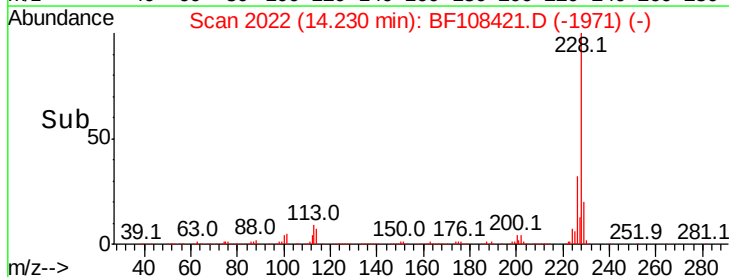
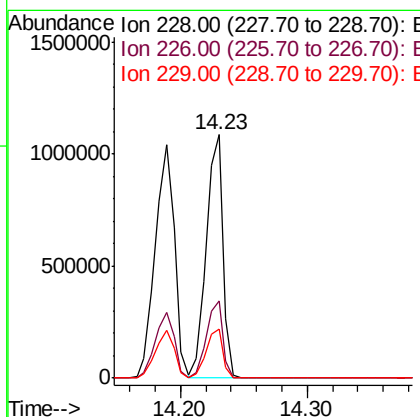
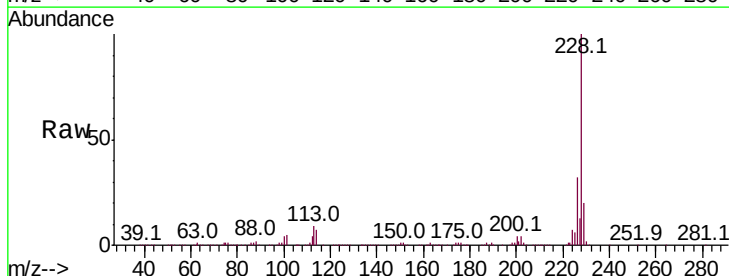
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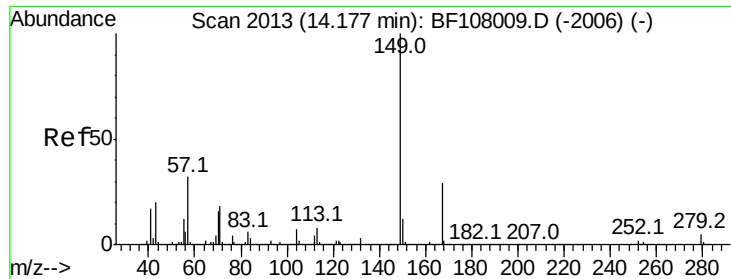
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#82
 Chrysene
 Concen: 46.456 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.1	16.2	24.4





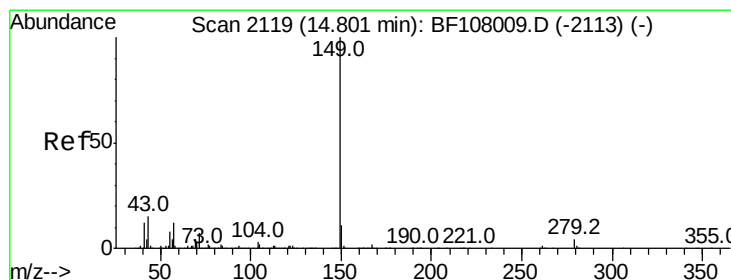
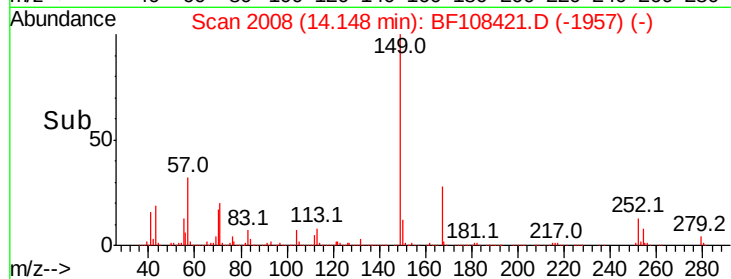
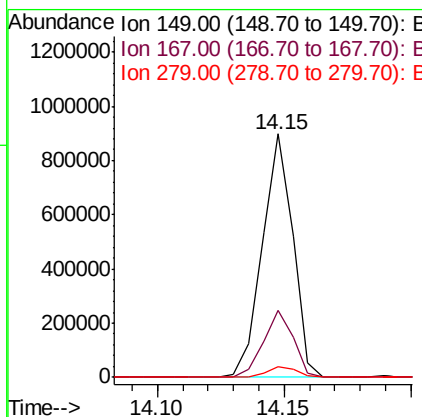
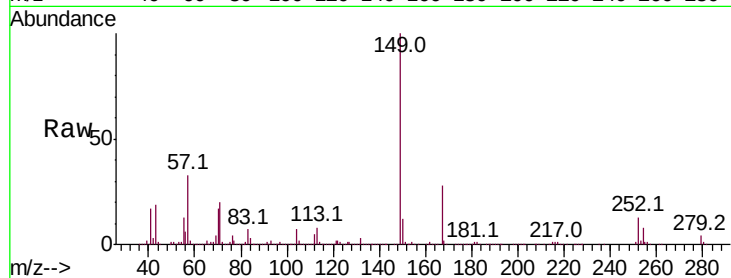
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.307 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	758352		
167	27.5		21.3	31.9
279	4.2		3.0	4.4

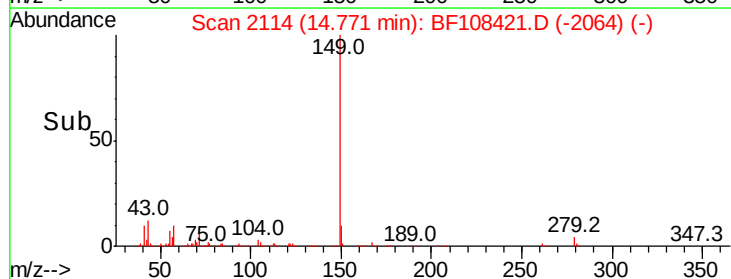
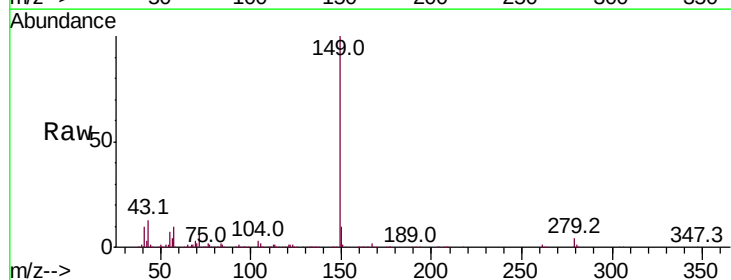
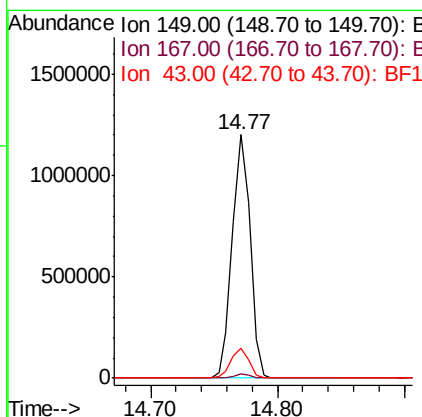
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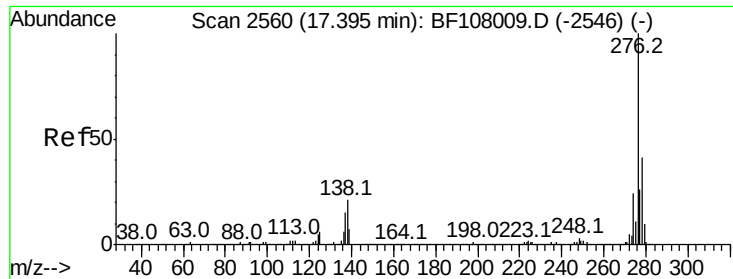
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#84
 Di-n-octyl phthalate
 Concen: 54.988 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1171061		
167	1.6		1.2	1.8
43	12.0		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.590 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF108421.D

Acq: 23 Aug 2018 12:20

Instrument :

BNA_F

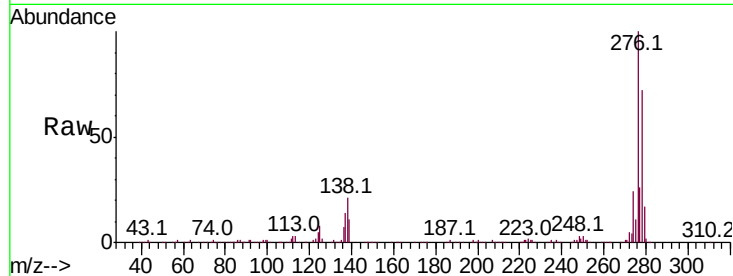
ClientSampleId :

PB112242BSD

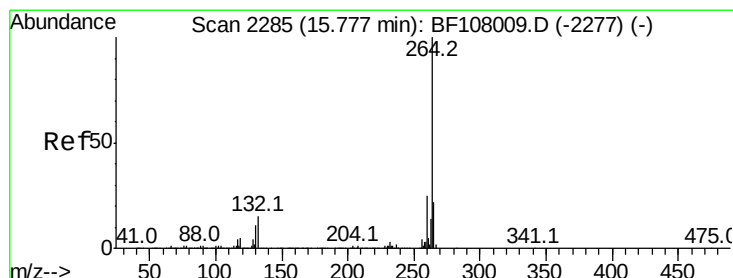
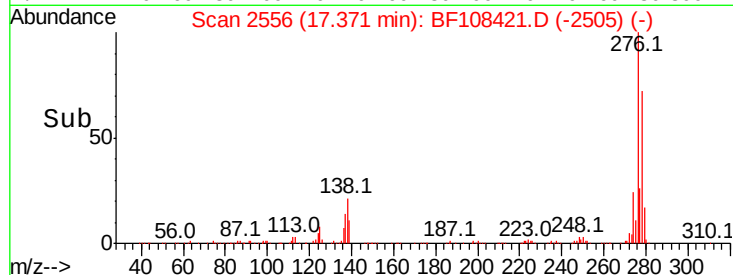
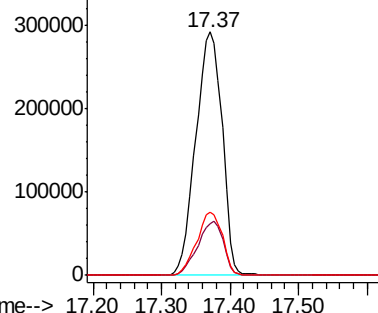
Tot Ion:	276	Resp:	777719
Ion Ratio	Lower	Upper	
276	100		
138	21.7	25.0	37.6#
277	25.4	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

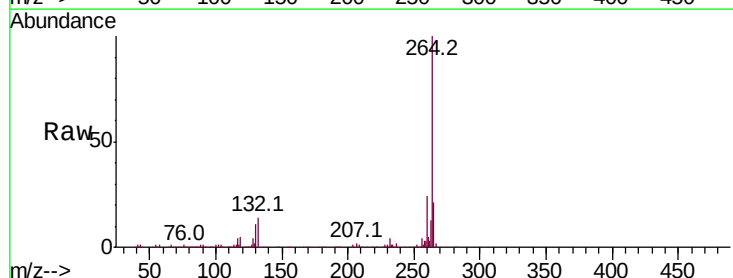
RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

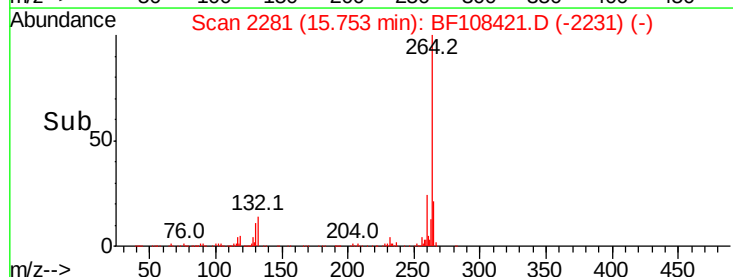
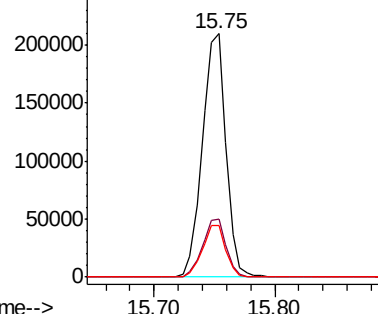
Lab File: BF108421.D

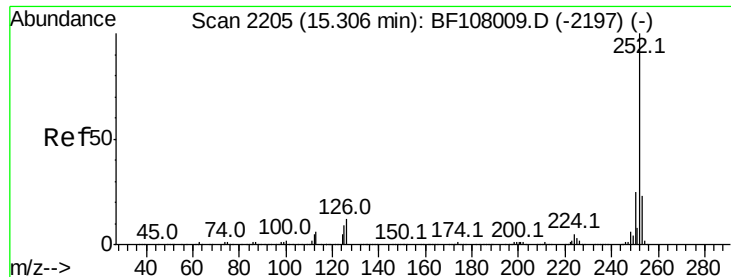
Acq: 23 Aug 2018 12:20

Tgt Ion:	264	Resp:	285408
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3



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





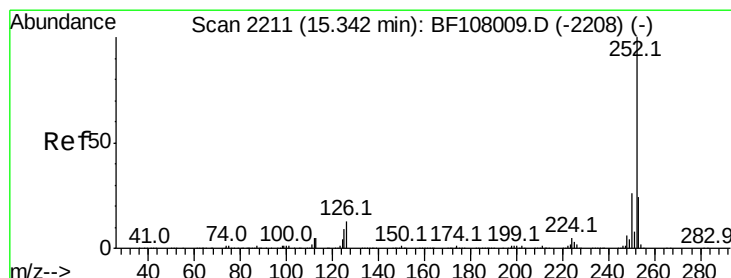
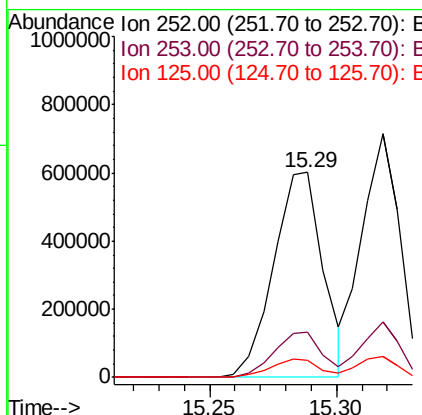
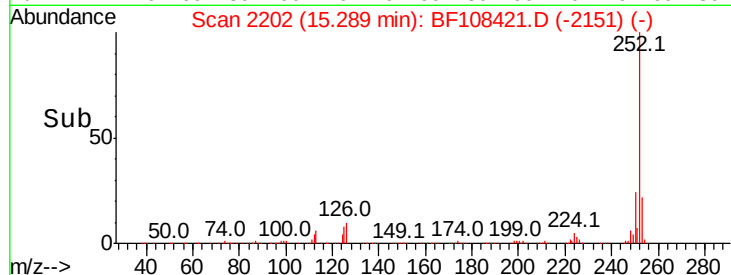
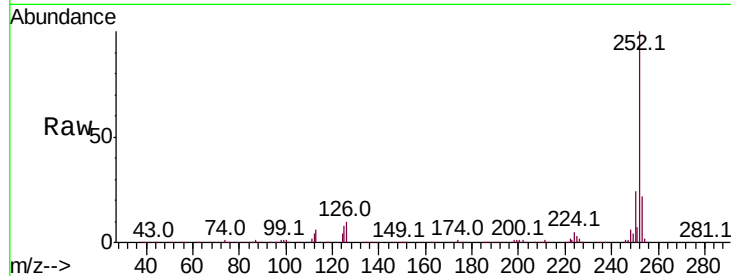
#87
Benzo(b)fluoranthene
Concen: 47.933 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.3	9.0	13.6#

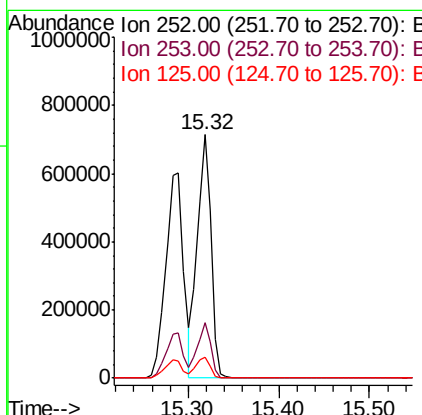
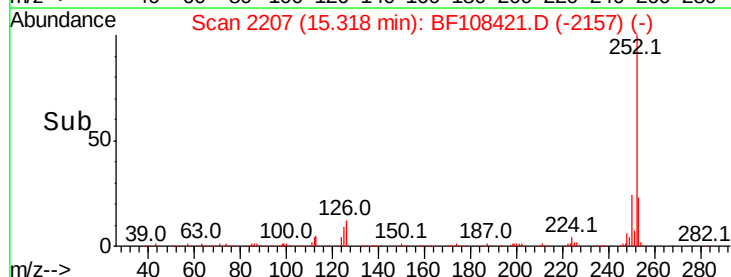
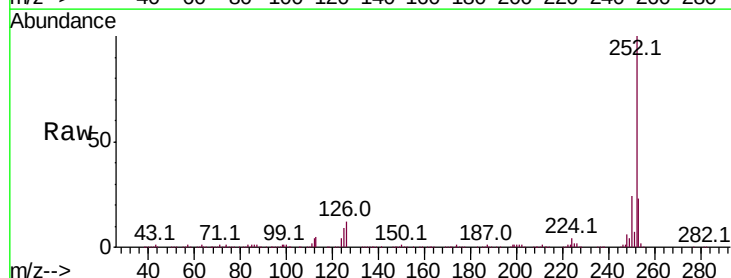
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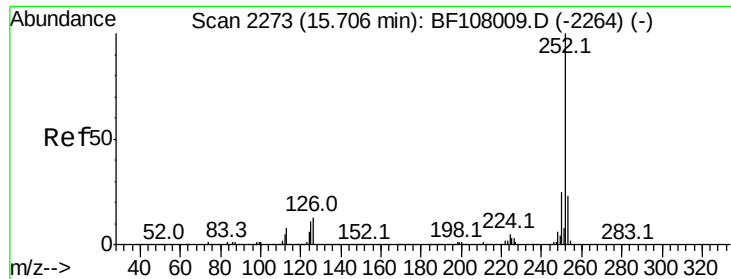
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#88
Benzo(k)fluoranthene
Concen: 48.185 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.8	10.2	15.2#





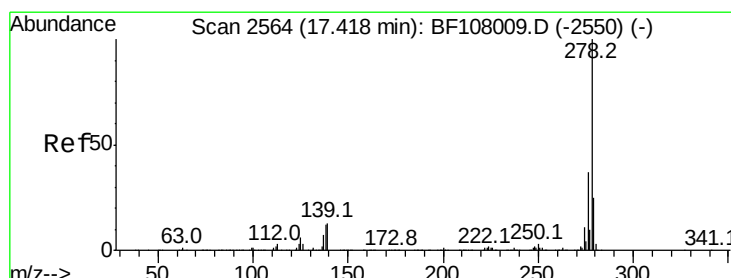
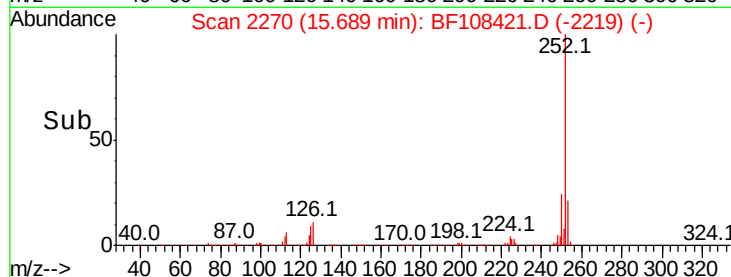
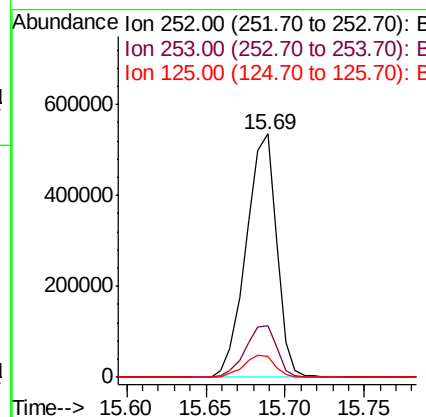
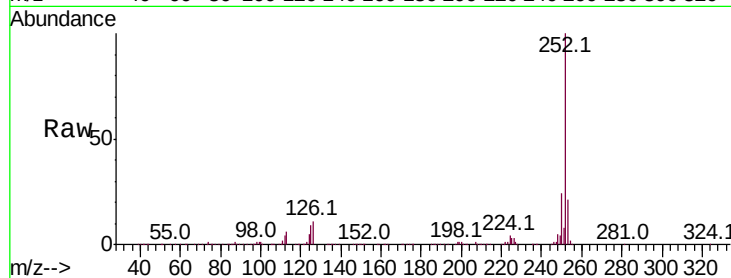
#89
Benzo(a)pyrene
Concen: 46.898 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	8.6	9.8	14.6

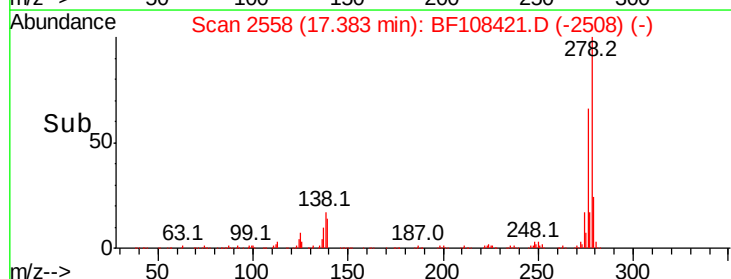
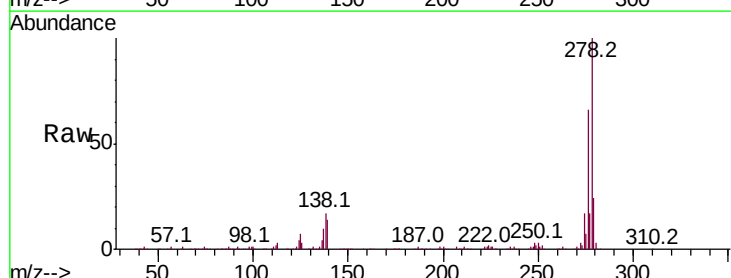
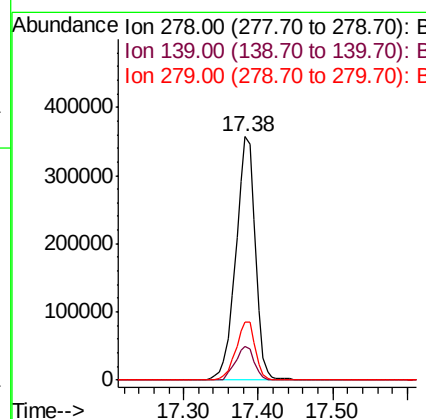
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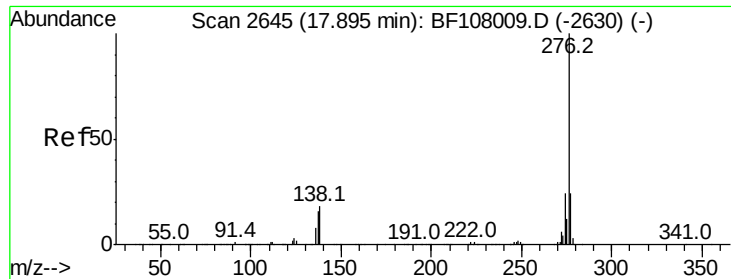
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#90
Dibenzo(a,h)anthracene
Concen: 51.547 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108421.D
Acq: 23 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.286 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108421.D
 Acq: 23 Aug 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
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 8/24/2018 12:13:58 PM

