

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108714.D
 Acq On : 1 Sep 2018 3:20
 Operator : JU/SJ
 Sample : PB112528BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Manual Integrations
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Sohil
 9/4/2018 3:54:20 PM

Quant Time: Sep 01 05:15:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	77586	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	272730	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	119482	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	254687	20.00	ng	0.00
75) Chrysene-d12	14.19	240	234910	20.00	ng	0.00
86) Perylene-d12	15.75	264	173936	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	343002	76.80	ng	0.00
7) Phenol-d6	6.64	99	499595	78.10	ng	-0.01
23) Nitrobenzene-d5	7.57	82	540532	100.60	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	143206	90.79	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	966028	108.71	ng	0.00
78) Terphenyl-d14	13.12	244	1090692	90.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	87777	42.290	ng	93
3) Pyridine	3.75	79	167658	34.961	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	87198	36.452	ng	# 77
6) Aniline	6.70	93	84621	12.260	ng	# 74
8) 2-Chlorophenol	6.79	128	228102	41.771	ng	92
9) Benzaldehyde	6.65	77	100918m	25.525	ng	
10) Phenol	6.65	94	204822	27.459	ng	83
11) bis(2-Chloroethyl)ether	6.73	93	248871	37.890	ng	94
12) 1,3-Dichlorobenzene	6.94	146	260219	41.099	ng	99
13) 1,4-Dichlorobenzene	7.02	146	296040	42.834	ng	97
14) 1,2-Dichlorobenzene	7.17	146	261648	41.221	ng	99
15) Benzyl Alcohol	7.21	79	121582m	26.423	ng	
16) 2,2'-oxybis(1-Chloropropan	7.26	45	414756	41.161	ng	69
17) 2-Methylphenol	7.26	107	157725	37.149	ng	# 61
18) Hexachloroethane	7.50	117	91715	38.587	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	165778	38.700	ng	90
20) 3+4-Methylphenols	7.42	107	173604	32.635	ng	# 33
22) Acetophenone	7.41	105	337593	49.585	ng	# 90
24) Nitrobenzene	7.59	77	219214	40.236	ng	94
25) Isophorone	7.81	82	429250	48.092	ng	96
26) 2-Nitrophenol	7.90	139	85512	34.672	ng	# 86
27) 2,4-Dimethylphenol	7.93	122	169629	47.291	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	256552	45.501	ng	98
29) 2,4-Dichlorophenol	8.15	162	175444	41.229	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	211288	44.401	ng	96
31) Naphthalene	8.30	128	661508	50.923	ng	99
32) Benzoic acid	8.05	122	96273m	41.853	ng	
33) 4-Chloroaniline	8.39	127	82081	14.314	ng	98
34) Hexachlorobutadiene	8.41	225	144466	46.237	ng	100
35) Caprolactam	8.72	113	40539	35.751	ng	# 84
36) 4-Chloro-3-methylphenol	8.84	107	173048	37.889	ng	97
37) 2-Methylnaphthalene	9.00	142	402325	45.775	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	211712	49.911	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	38589	26.774	ng	98

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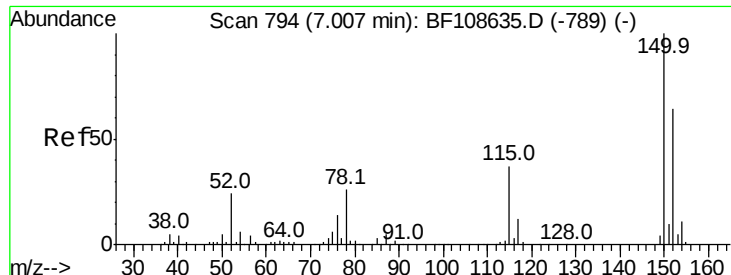
Manual Integrations
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 9/4/2018 3:54:20 PM

Quant Time: Sep 01 05:15:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	108426	43.165	nq	98
43) 2,4,5-Trichlorophenol	9.33	196	141988	48.473	nq	95
45) 1,1'-Biphenyl	9.46	154	503266	48.383	nq	97
46) 2-Chloronaphthalene	9.49	162	386042	47.407	nq	97
47) 2-Nitroaniline	9.60	65	118368	43.461	nq	85
48) Acenaphthylene	9.91	152	592896	49.732	nq	99
49) Dimethylphthalate	9.75	163	434063	46.134	nq	# 99
50) 2,6-Dinitrotoluene	9.82	165	86026	41.480	nq	# 88
51) Acenaphthene	10.08	154	350834	49.218	nq	99
52) 3-Nitroaniline	10.02	138	86687	38.638	nq	98
53) 2,4-Dinitrophenol	10.15	184	9140m	12.961	nq	
54) Dibenzofuran	10.25	168	515800	46.244	nq	96
55) 4-Nitrophenol	10.21	139	57295	42.408	nq	# 81
56) 2,4-Dinitrotoluene	10.24	165	107557	39.168	nq	# 87
57) Fluorene	10.60	166	419825	48.568	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	130012	49.545	nq	# 77
59) Diethylphthalate	10.45	149	420538	44.365	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	213678	43.563	nq	89
61) 4-Nitroaniline	10.64	138	94506	43.531	nq	93
62) Azobenzene	10.74	77	427101	45.331	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	8611	7.620	nq	# 43
65) n-Nitrosodiphenylamine	10.70	169	373147	44.099	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	139125	44.446	nq	91
67) Hexachlorobenzene	11.14	284	147659	43.786	nq	# 86
68) Atrazine	11.22	200	103655	43.782	nq	97
69) Pentachlorophenol	11.34	266	106300	59.321	nq	95
70) Phenanthrene	11.57	178	616310	47.942	nq	98
71) Anthracene	11.62	178	713265	52.805	nq	98
72) Carbazole	11.78	167	606578	46.442	nq	99
73) Di-n-butylphthalate	12.08	149	685420	45.613	nq	99
74) Fluoranthene	12.76	202	785688	54.297	nq	95
76) Benzidine	12.89	184	239684	36.248	nq	98
77) Pyrene	12.99	202	766588	43.411	nq	100
79) Butylbenzylphthalate	13.59	149	332039	44.717	nq	# 94
80) Benzo(a)anthracene	14.19	228	680273	47.503	nq	100
81) 3,3'-Dichlorobenzidine	14.15	252	228709	44.038	nq	# 95
82) Chrysene	14.22	228	686435	49.843	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	456385	47.817	nq	# 99
84) Di-n-octyl phthalate	14.76	149	779395	55.541	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	467680	48.839	nq	# 88
87) Benzo(b)fluoranthene	15.29	252	507476	47.495	nq	# 95
88) Benzo(k)fluoranthene	15.32	252	578424	54.648	nq	# 95
89) Benzo(a)pyrene	15.69	252	493037	51.061	nq	# 96
90) Dibenzo(a,h)anthracene	17.39	278	392895	50.947	nq	# 93
91) Benzo(g,h,i)perylene	17.87	276	366045	48.837	nq	# 89

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



#1

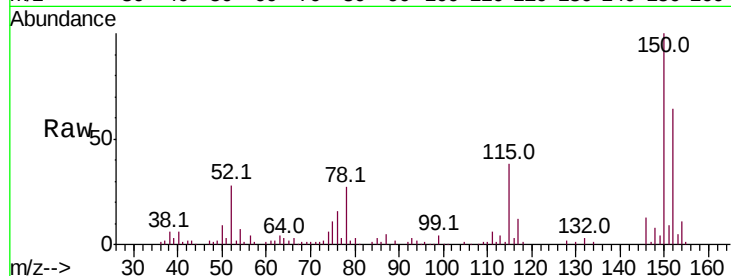
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampled :
PB112528BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.5	50.1	75.1

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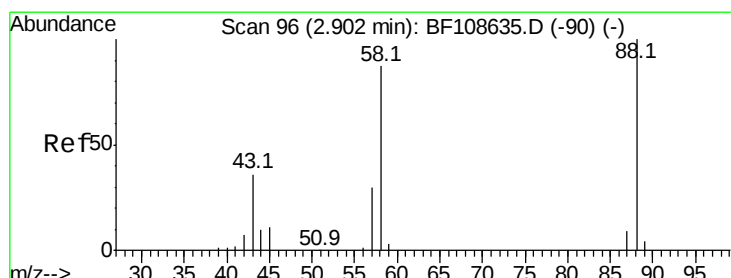
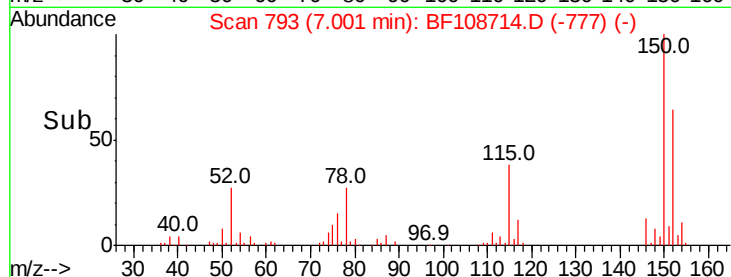
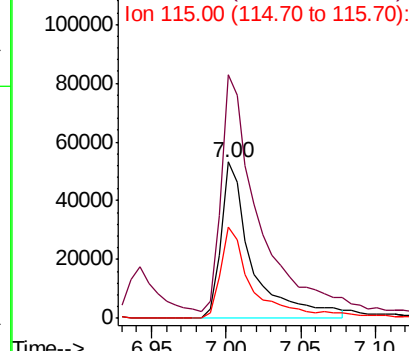


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

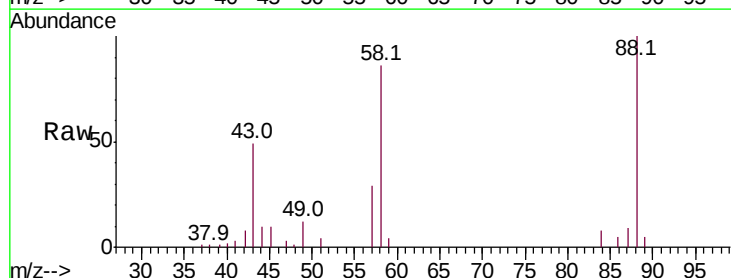
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.290 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	33.9	24.6	37.0

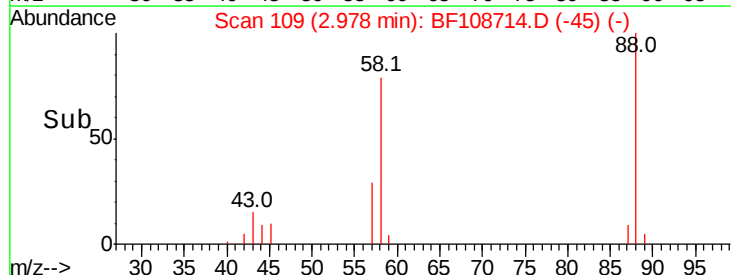
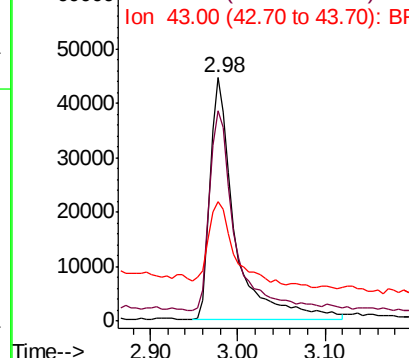


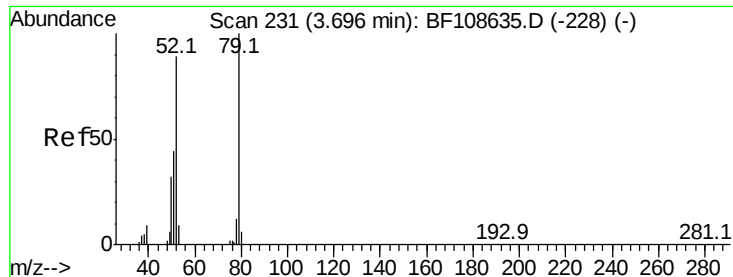
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





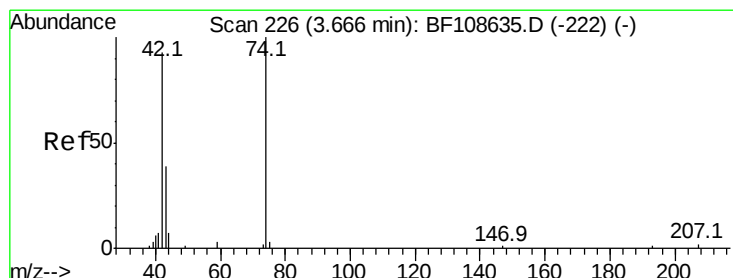
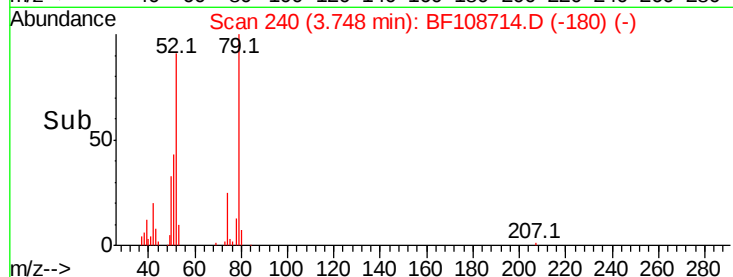
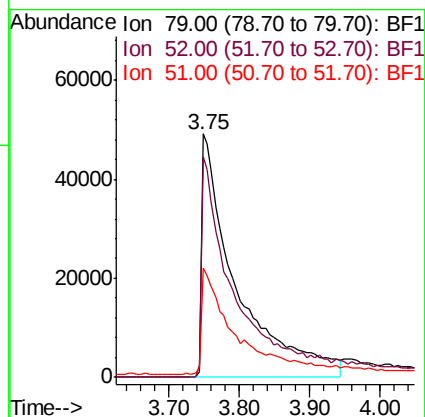
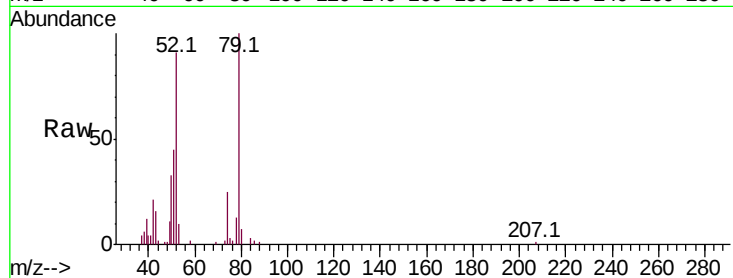
#3
 Pvrindine
 Concen: 34.961 ng
 RT: 3.75 min Scan# 240
 Delta R.T. 0.05 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.7	59.8	89.6#
51	44.7	29.8	44.8

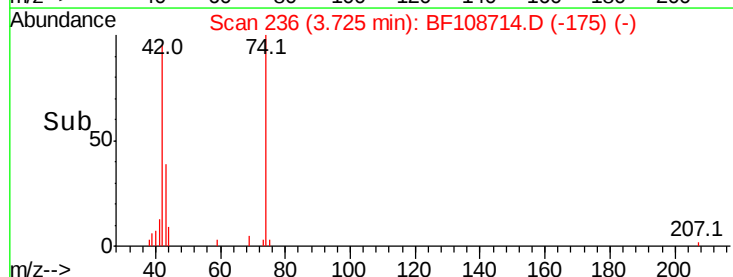
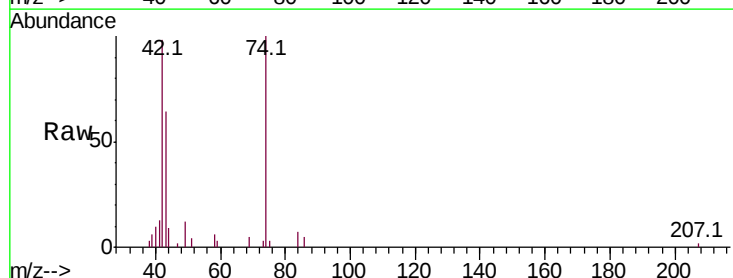
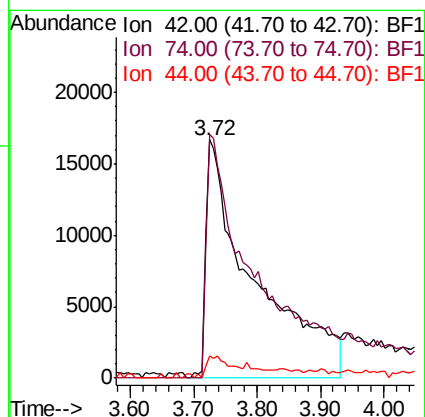
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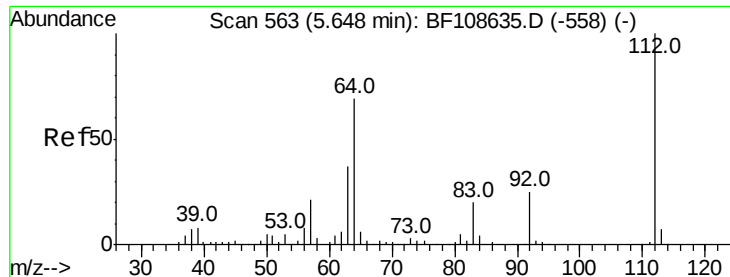
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#4
 n-Nitrosodimethylamine
 Concen: 36.452 ng
 RT: 3.72 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.3	104.9	157.3#
44	9.2	6.9	10.3





#5

2-Fluorophenol

Concen: 76.801 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

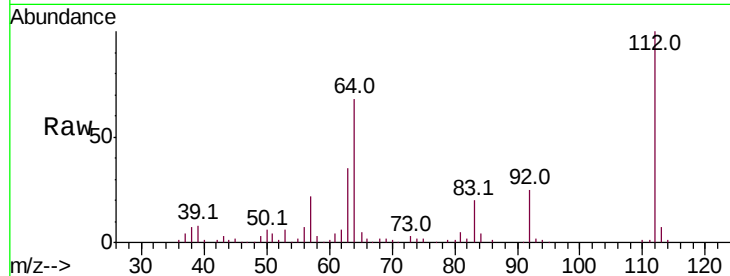
ClientSampleId :

PB112528BS

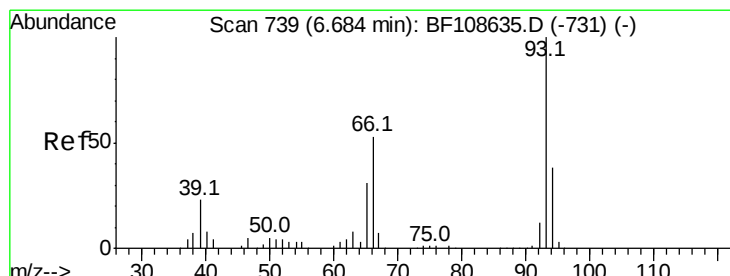
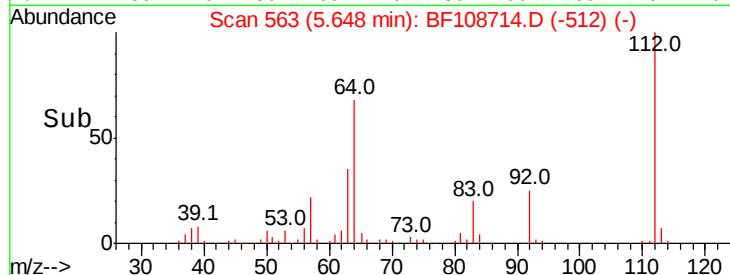
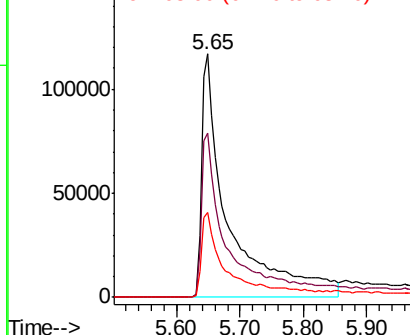
Tot Ion:	112	Resp:	343002
Ion Ratio	Lower	Upper	
112	100		
64	67.7	47.9	71.9
63	35.0	23.7	35.5

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



#6

Aniline

Concen: 12.260 ng

RT: 6.70 min Scan# 741

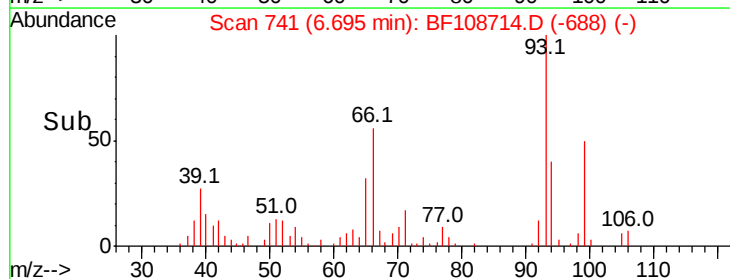
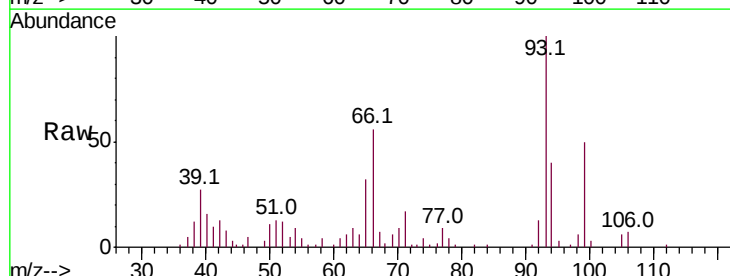
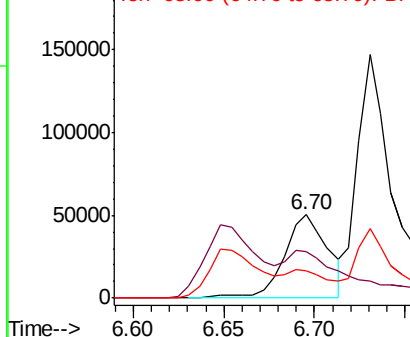
Delta R.T. 0.01 min

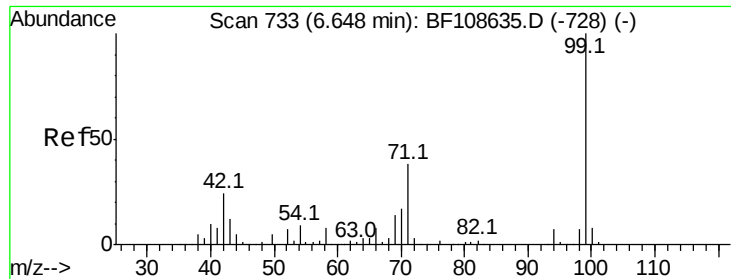
Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	93	Resp:	84621
Ion Ratio	Lower	Upper	
93	100		
66	56.4	32.2	48.2#
65	32.1	16.4	24.6#

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





#7

Phenol-d6

Concen: 78.102 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

PB112528BS

Tot Ion: 99 Resp: 499595

Ion Ratio Lower Upper

99 100

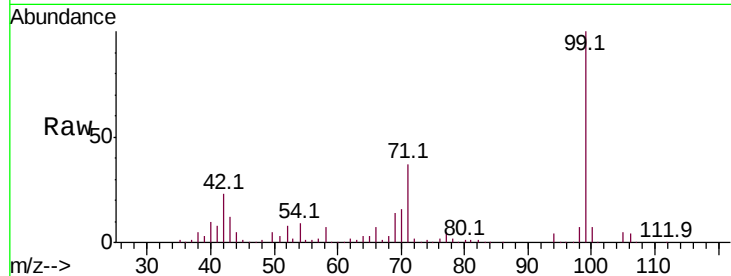
42 22.9 14.5 21.7#

71 36.6 25.4 38.0

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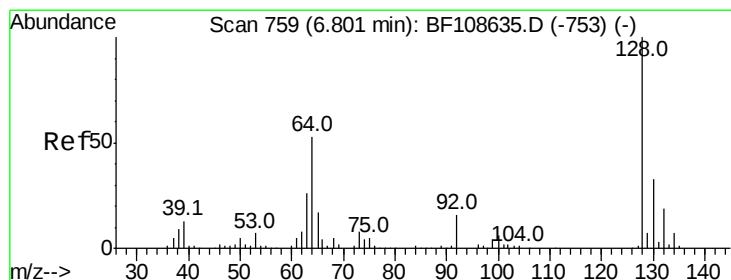
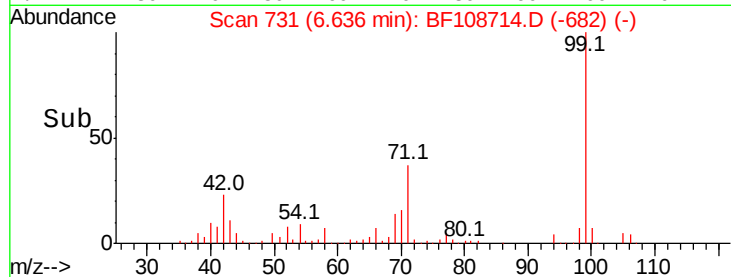
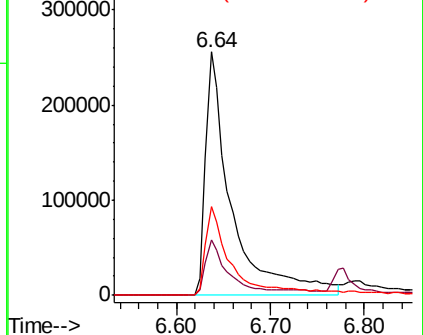
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.771 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

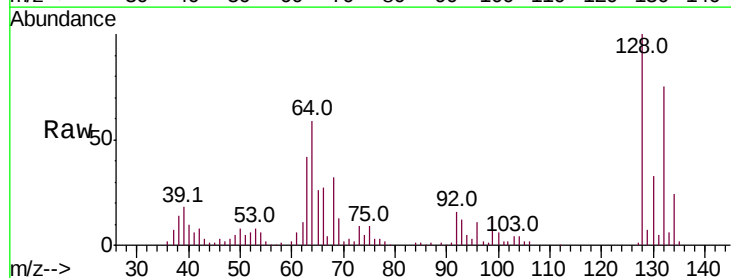
Tgt Ion:128 Resp: 228102

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

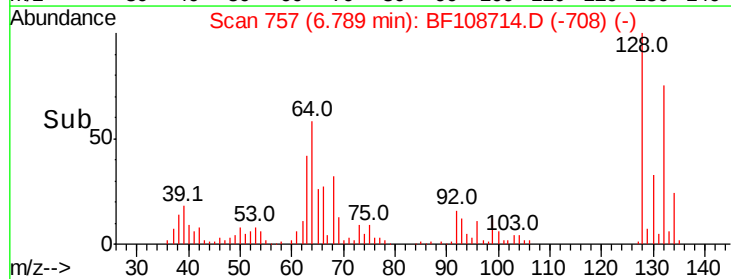
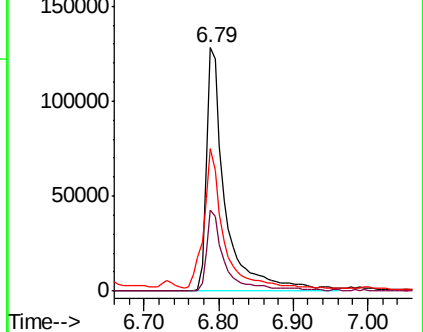
64 58.8 29.4 69.4

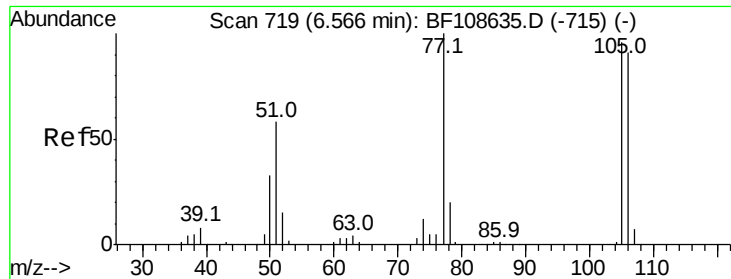


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

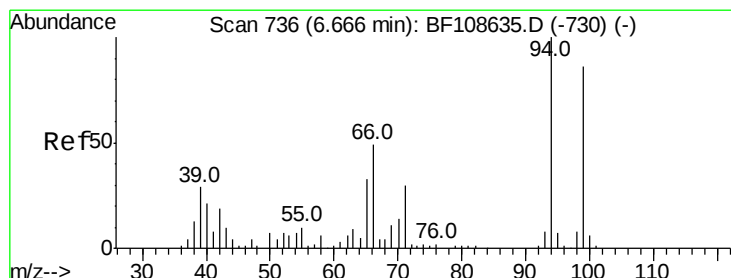
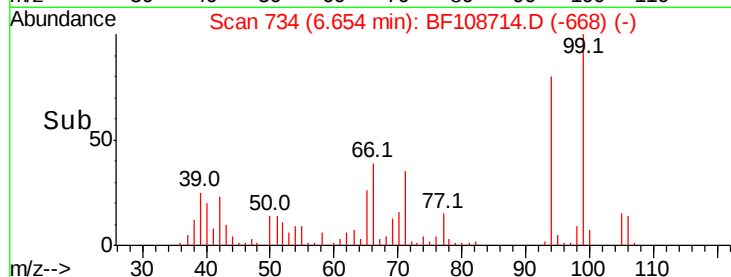
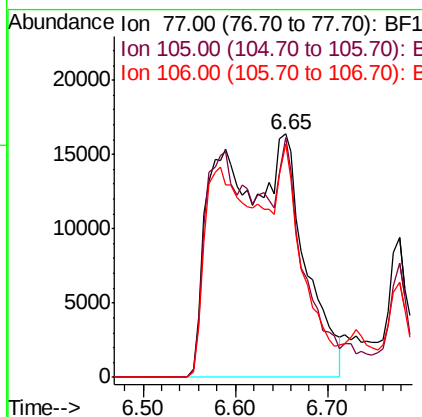
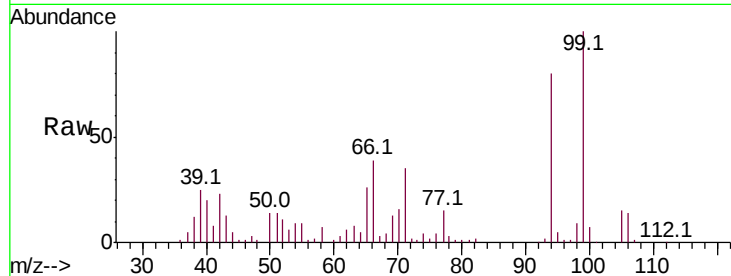
Concen: 25.525 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. 0.09 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.6	81.1	121.1
106	95.8	74.5	114.5

Manual Integrations
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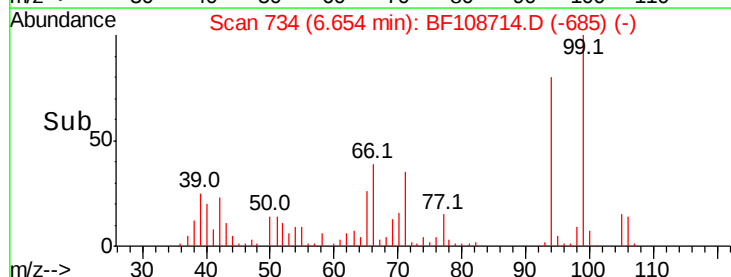
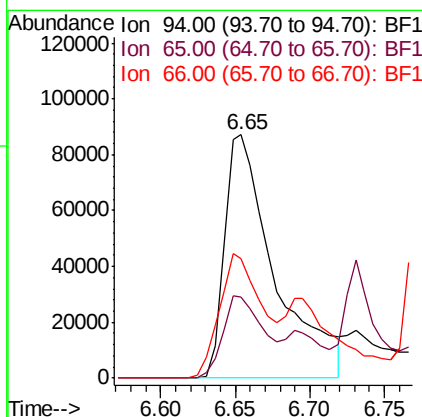
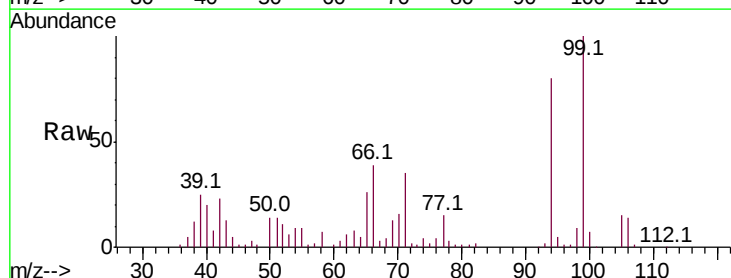


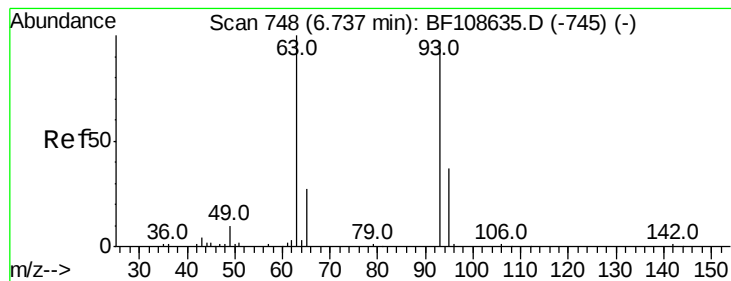
#10

Phenol

Concen: 27.459 ng/ml
 RT: 6.65 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	49.0	16.2	56.2





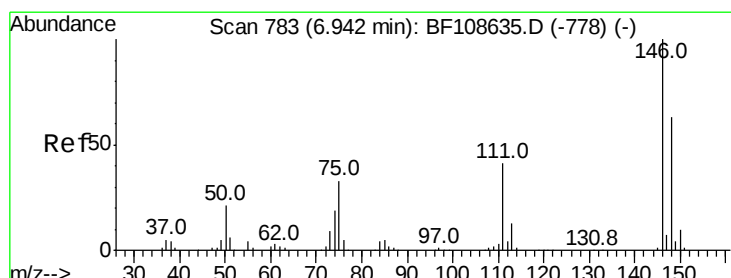
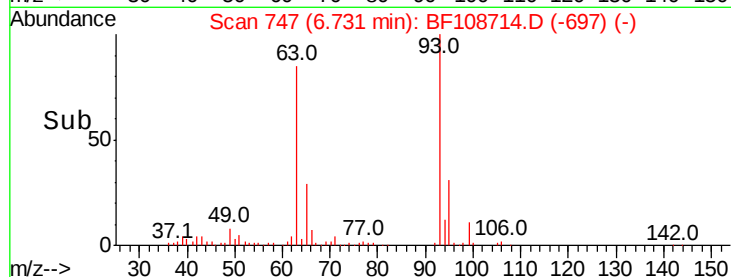
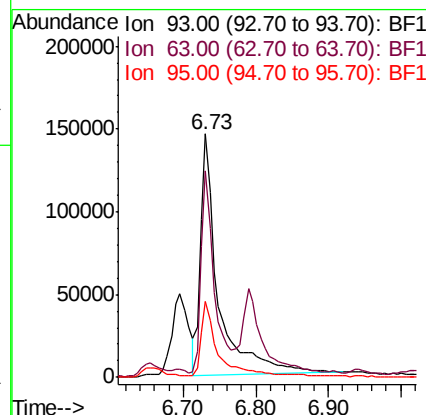
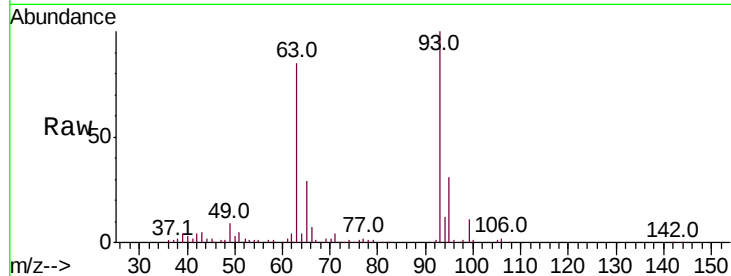
#11
bis(2-Chloroethyl)ether
Concen: 37.890 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion:	93	Resp:	248871
Ion Ratio	Lower	Upper	
93	100		
63	85.0	58.6	98.6
95	31.1	11.8	51.8

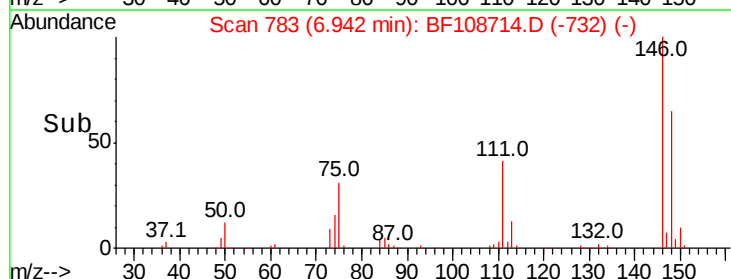
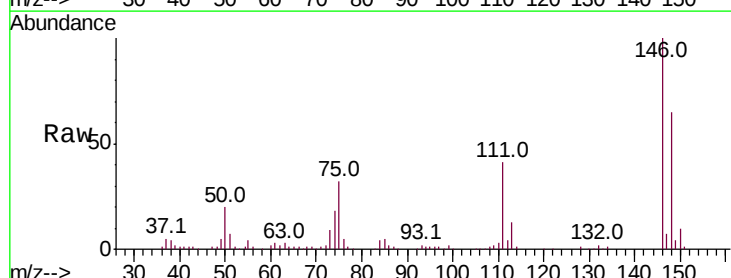
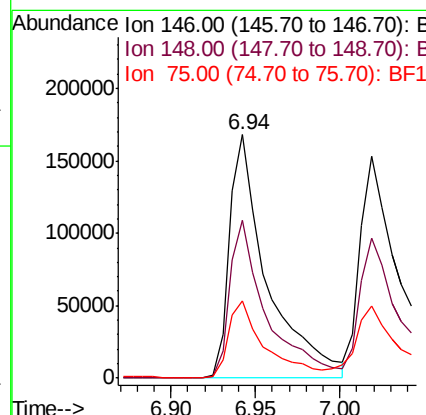
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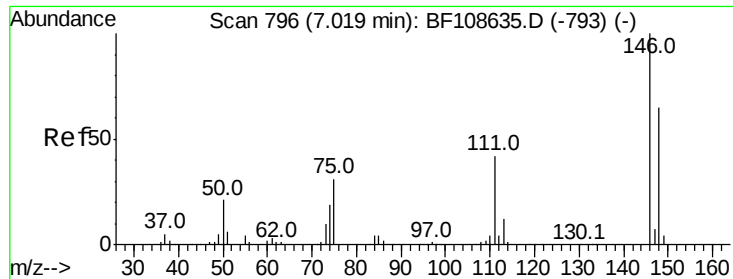
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#12
1,3-Dichlorobenzene
Concen: 41.099 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:	146	Resp:	260219
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	31.9	24.2	36.4





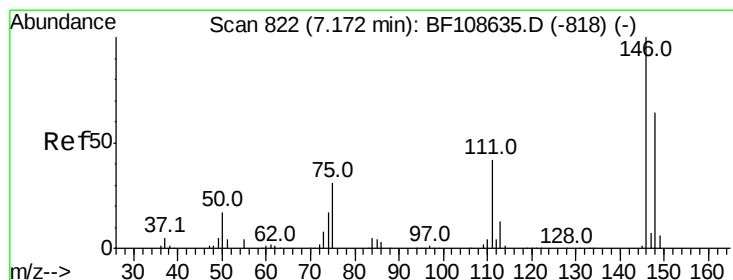
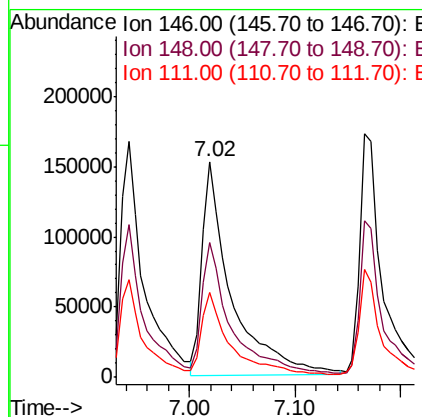
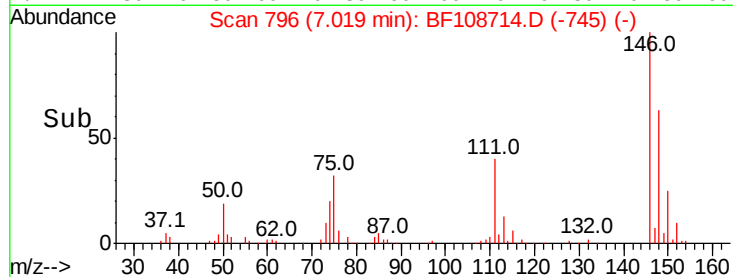
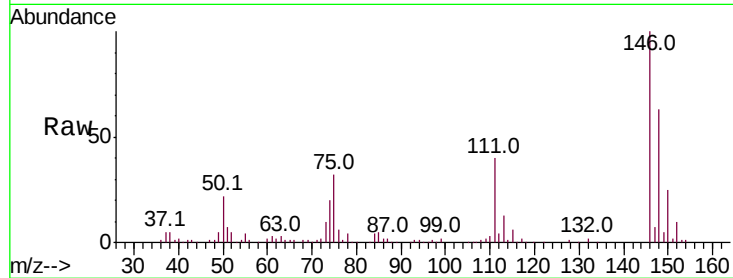
#13
 1,4-Dichlorobenzene
 Concen: 42.834 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampled :
 PB112528BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	39.6	34.2	51.2

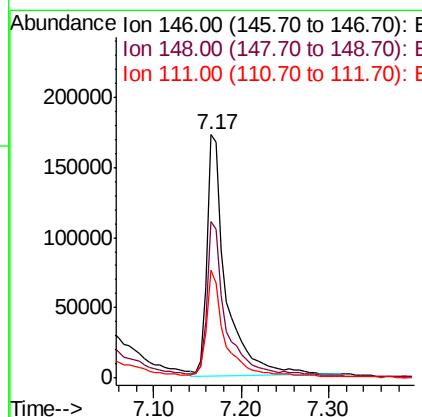
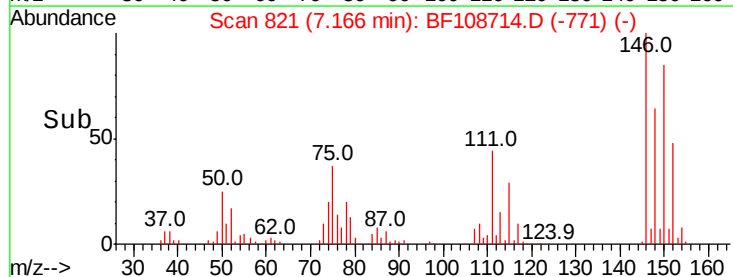
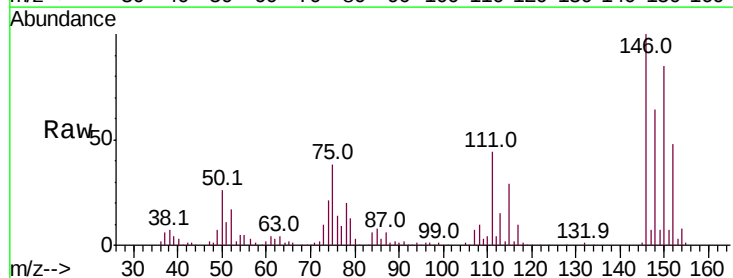
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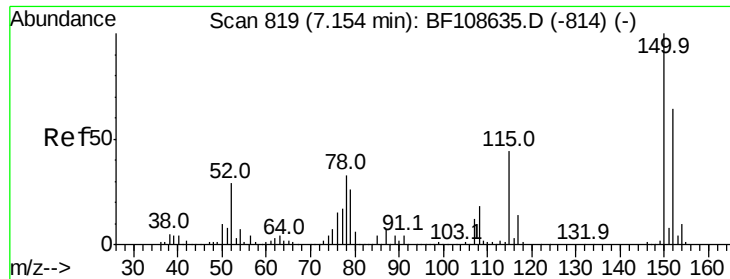
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#14
 1,2-Dichlorobenzene
 Concen: 41.221 ng
 RT: 7.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 26.423 ng/ml

RT: 7.21 min Scan# 829

Delta R.T. 0.06 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampled :

PB112528BS

Tot Ion: 79 Resp: 121582

Ion Ratio Lower Upper

79 100

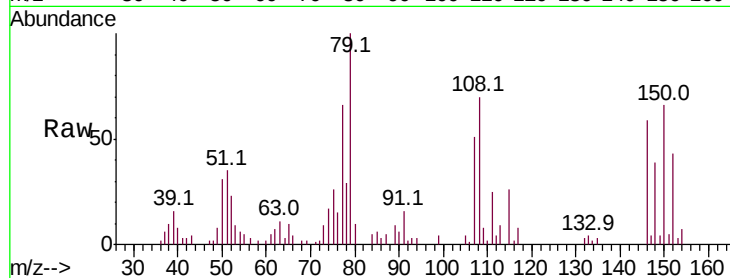
108 69.9 65.1 97.7

77 66.4 50.6 75.8

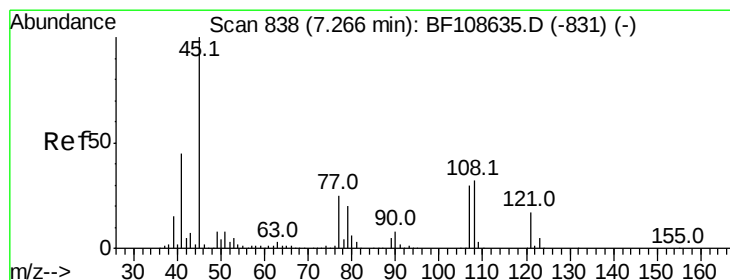
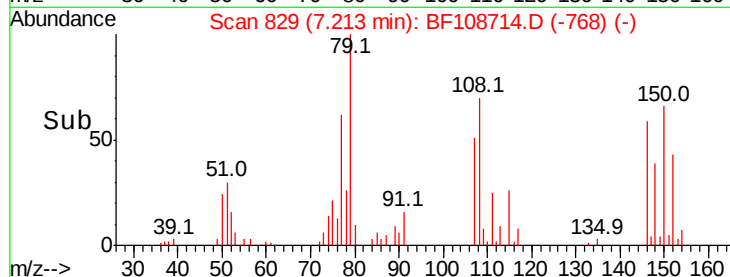
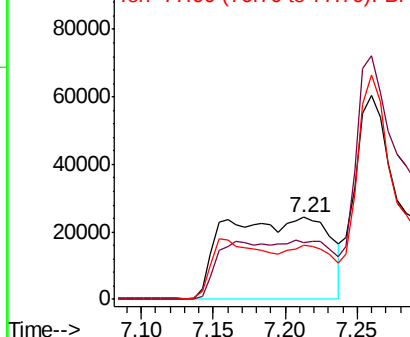
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.161 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

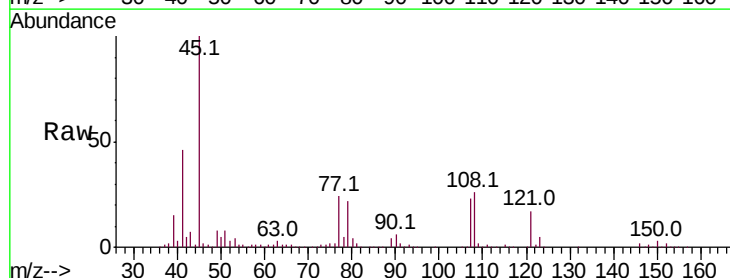
Tgt Ion: 45 Resp: 414756

Ion Ratio Lower Upper

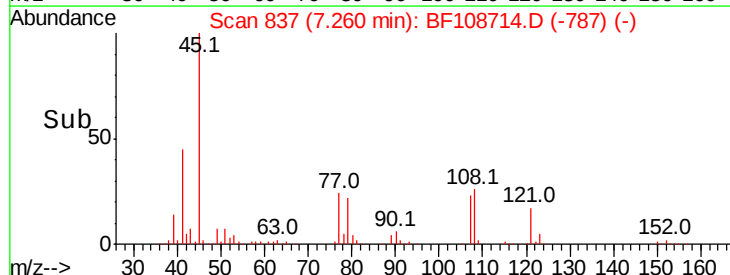
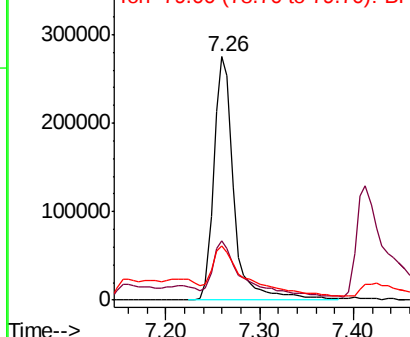
45 100

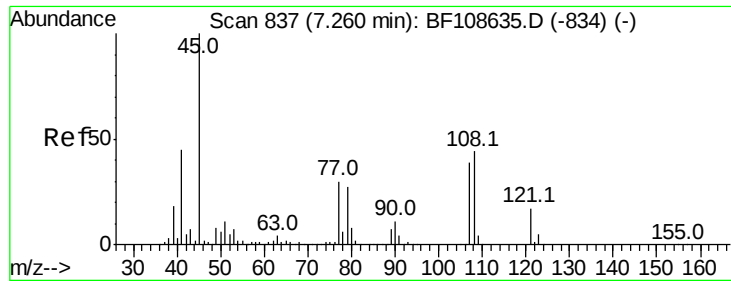
77 24.1 0.0 32.9

79 22.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.149 ng

RT: 7.26 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

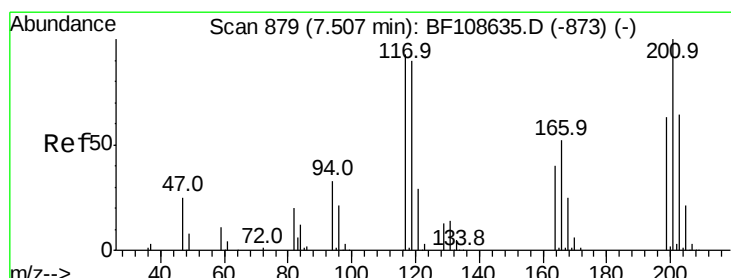
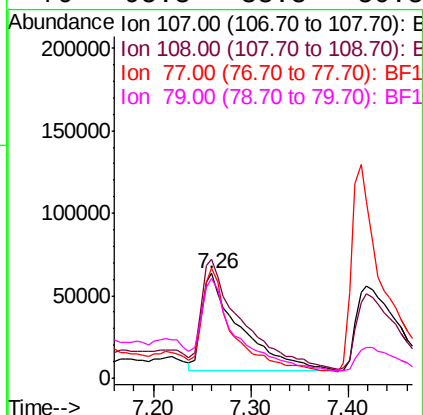
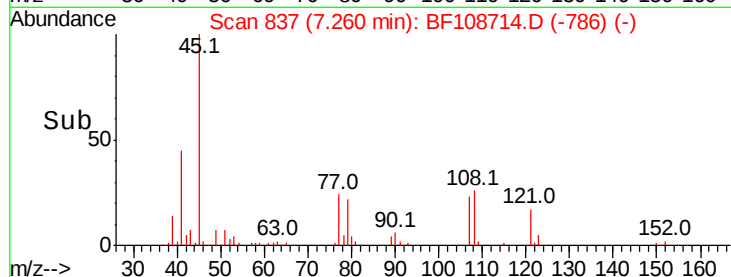
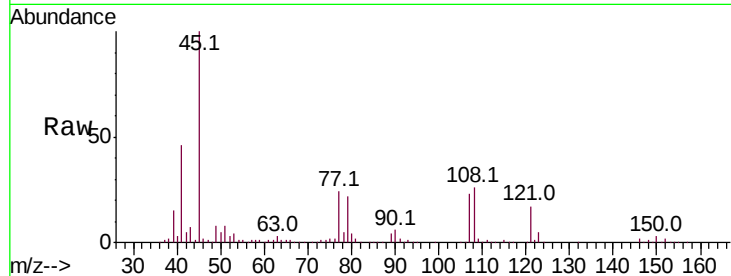
ClientSampleId :

PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	104.4	33.8	50.8#	
79	95.3	33.8	50.8#	

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#18

Hexachloroethane

Concen: 38.587 ng

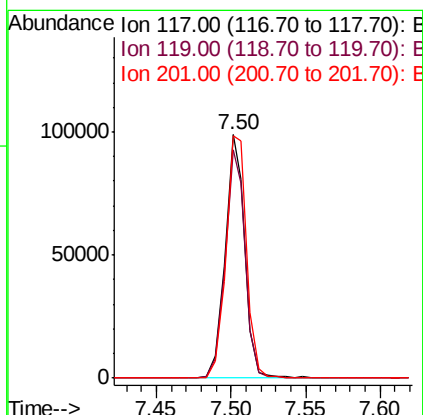
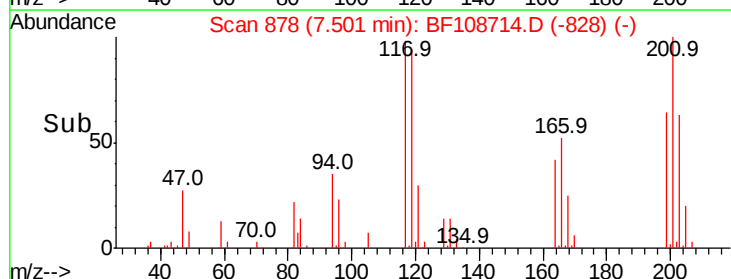
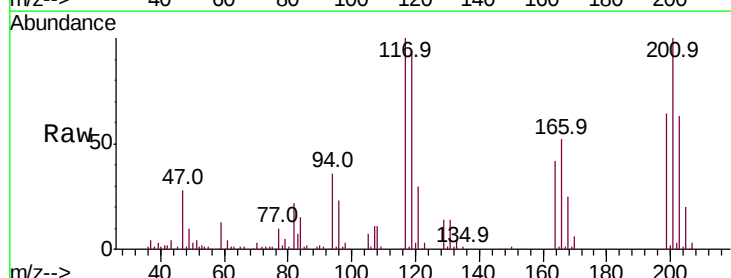
RT: 7.50 min Scan# 878

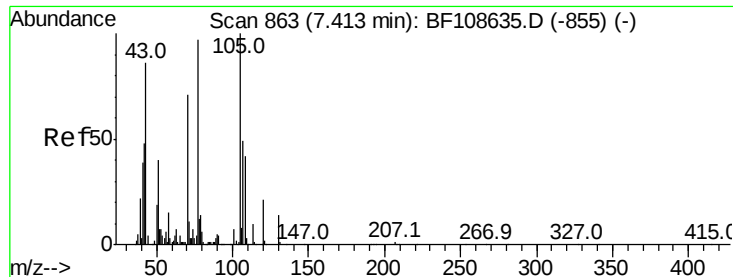
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	75.8	113.8	
201	99.8	75.7	113.5	





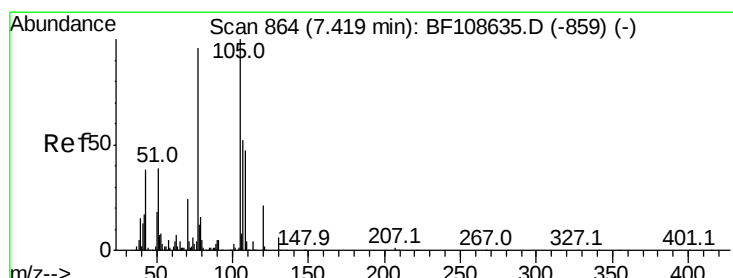
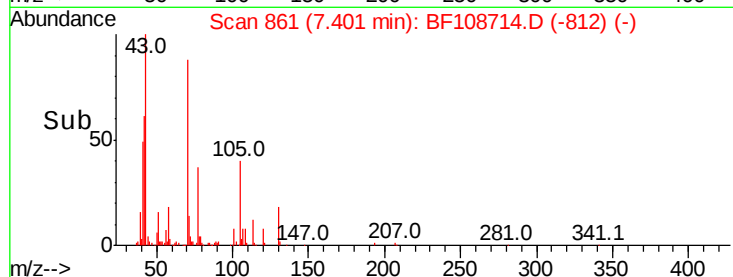
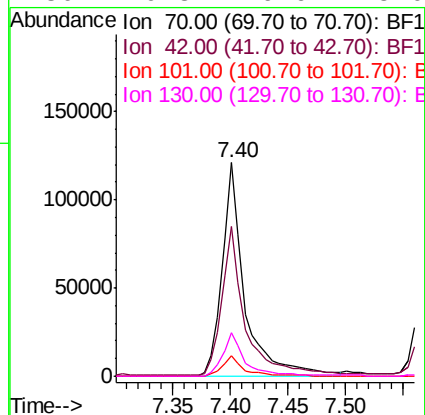
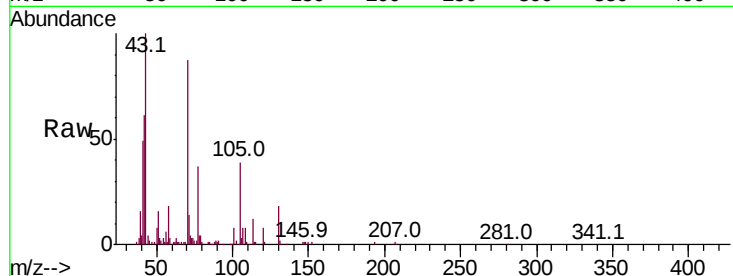
#19
n-Nitroso-di-n-propylamine
Concen: 38.700 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.9	47.5	71.3
101	9.6	7.4	11.2
130	20.3	16.6	25.0

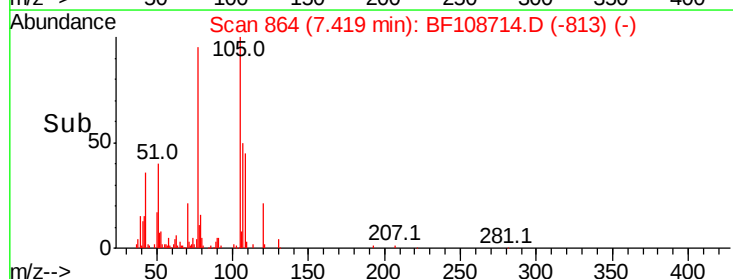
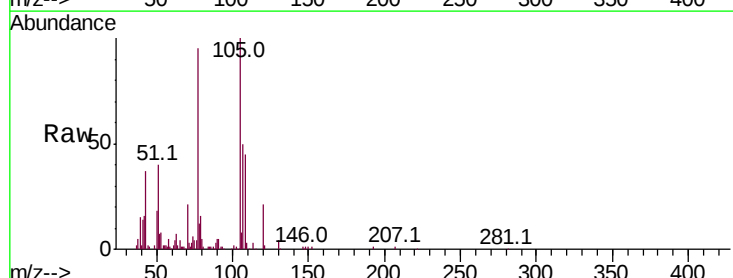
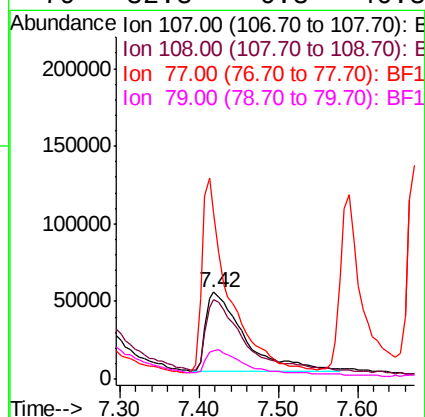
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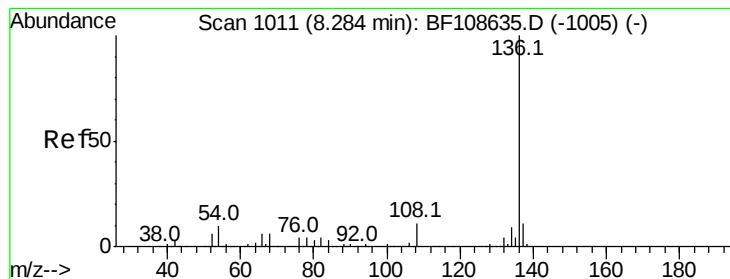
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#20
3+4-Methylphenols
Concen: 32.635 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	192.0	26.7	66.7#
79	32.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

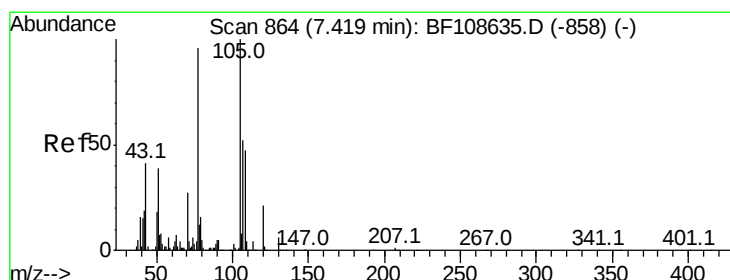
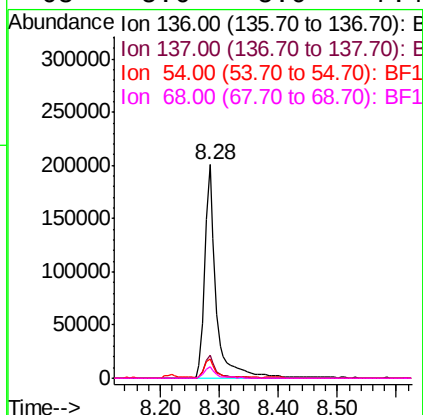
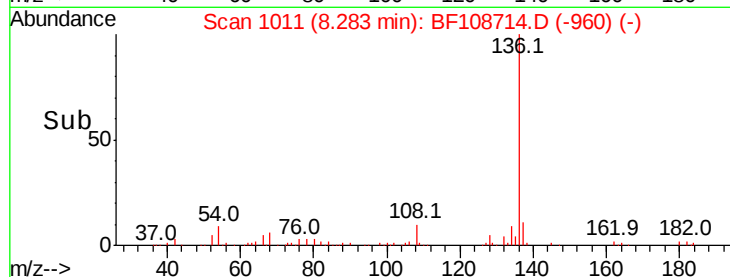
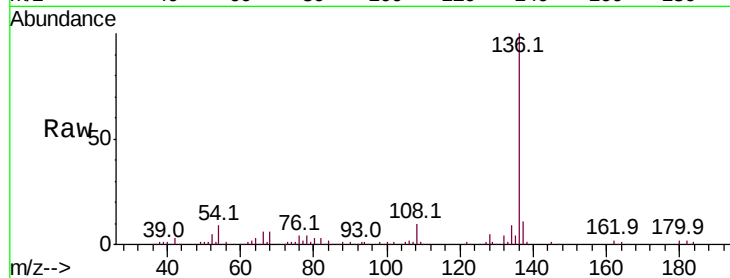
ClientSampleId :

PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272730		
137	10.6		8.9	13.3
54	9.2		6.6	9.8
68	5.6		5.0	7.4

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#22

Acetophenone

Concen: 49.585 ng

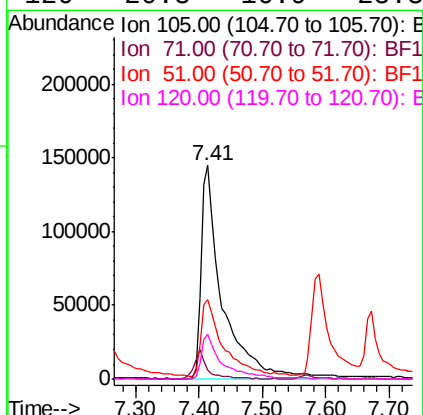
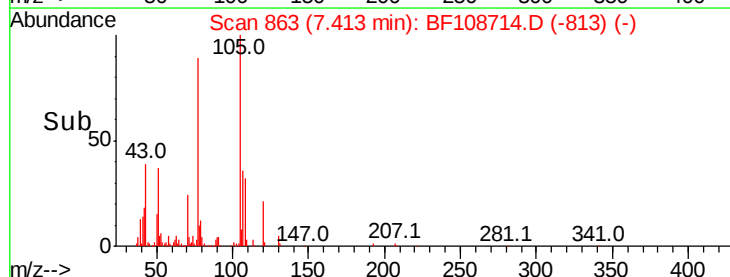
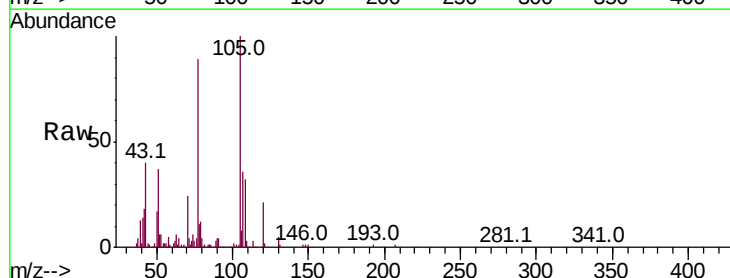
RT: 7.41 min Scan# 863

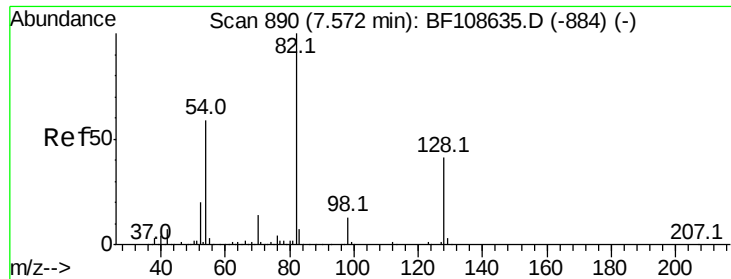
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337593		
71	4.4		4.4	6.6
51	37.4		22.3	33.5#
120	20.8		16.9	25.3





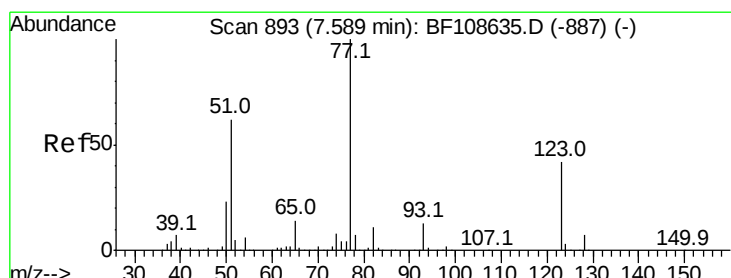
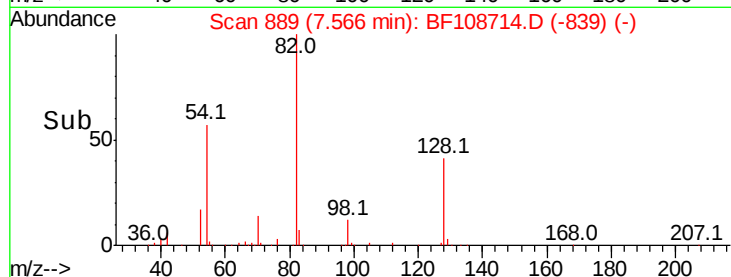
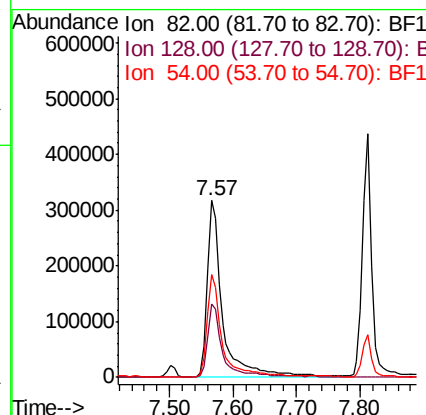
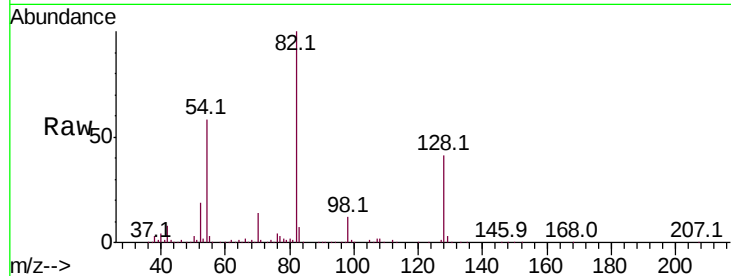
#23
Nitrobenzene-d5
Concen: 100.600 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	36.1	54.1	
54	58.1	41.4	62.2	

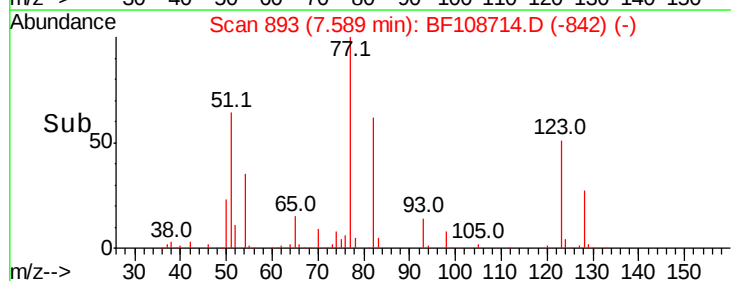
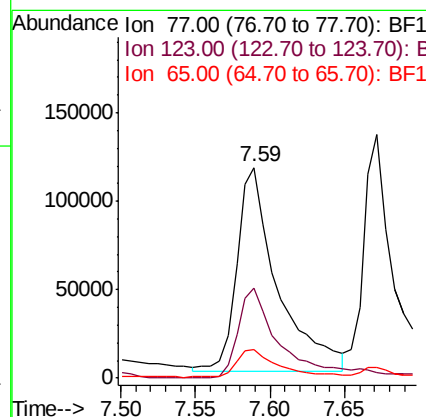
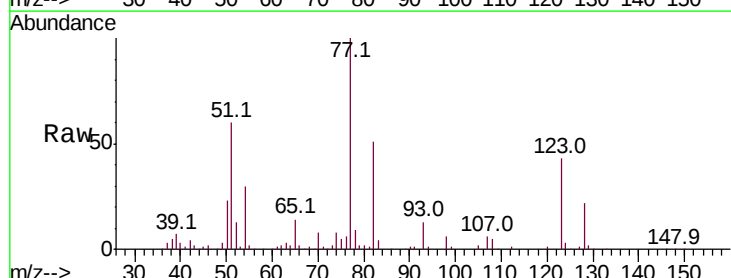
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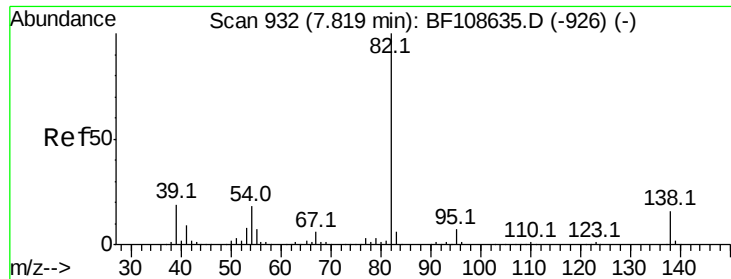
Sohil
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#24
Nitrobenzene
Concen: 40.236 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.5	37.9	56.9	
65	13.8	11.0	16.4	





#25

Isophorone

Concen: 48.092 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

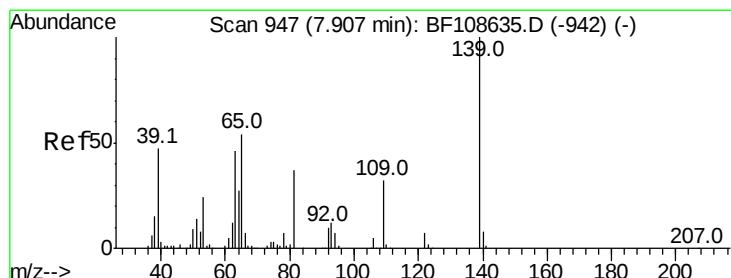
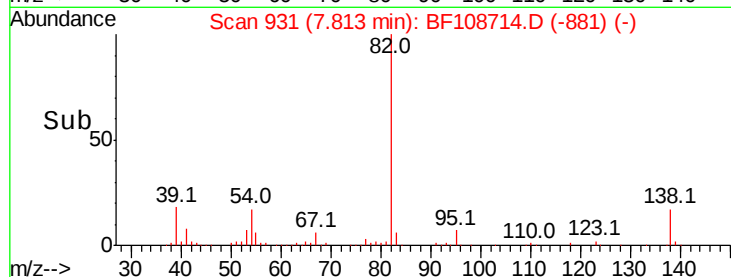
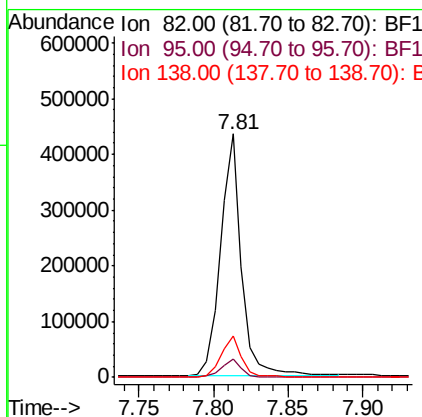
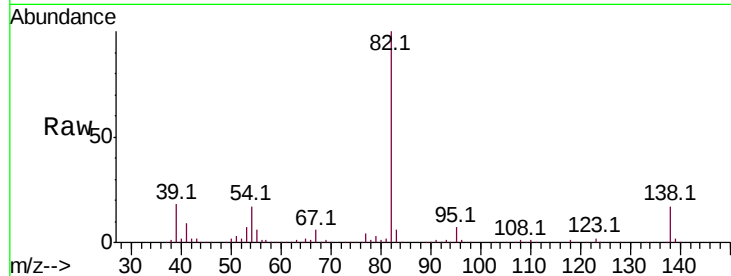
ClientSampleId :

PB112528BS

Tot Ion:	82	Resp:	429250
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.672 ng

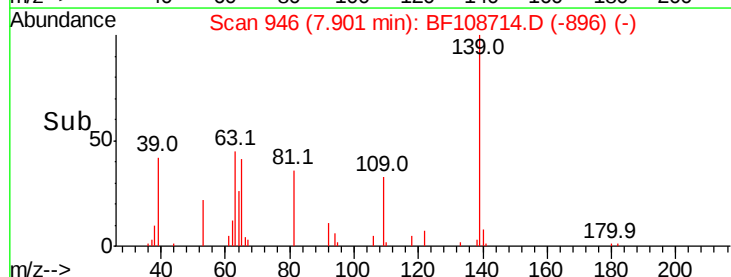
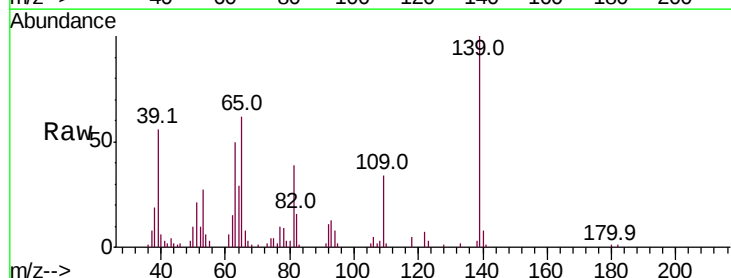
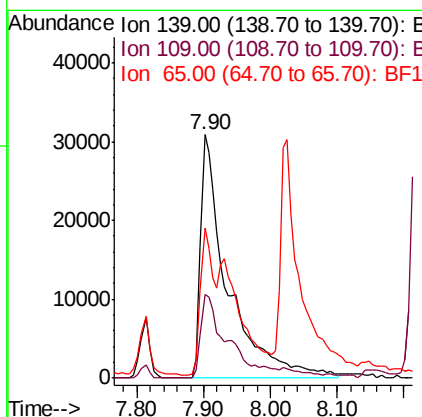
RT: 7.90 min Scan# 946

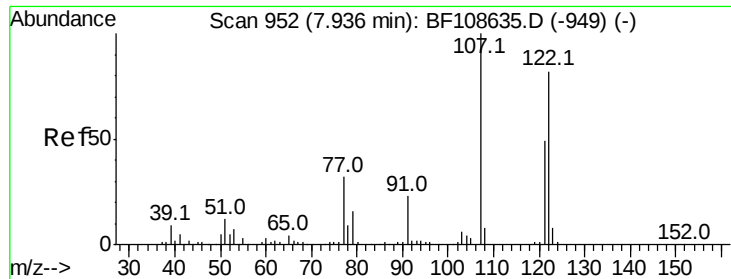
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	139	Resp:	85512
Ion Ratio	Lower	Upper	
139	100		
109	34.4	22.7	34.1#
65	61.8	40.5	60.7#





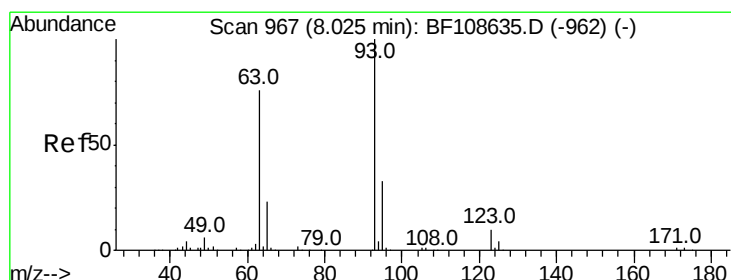
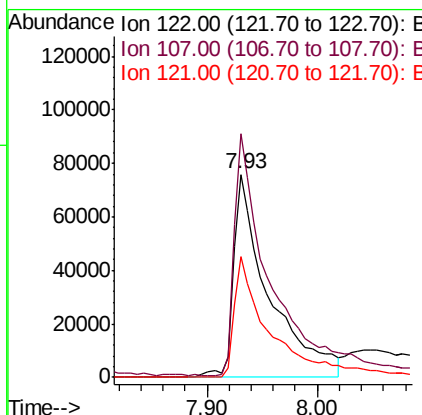
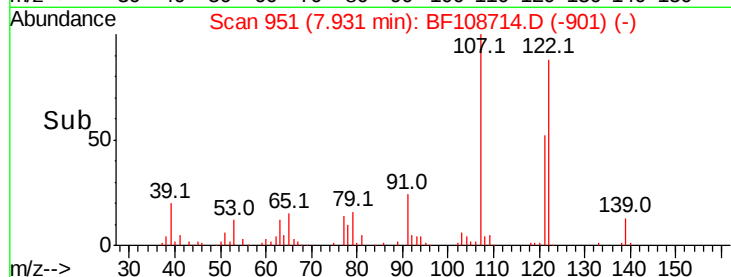
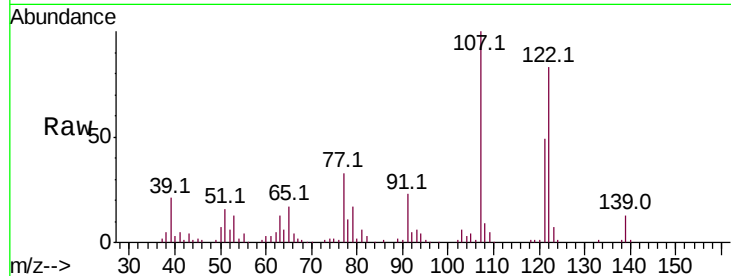
#27
 2,4-Dimethylphenol
 Concen: 47.291 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	169629		
107	120.0	91.2	136.8	
121	59.2	47.2	70.8	

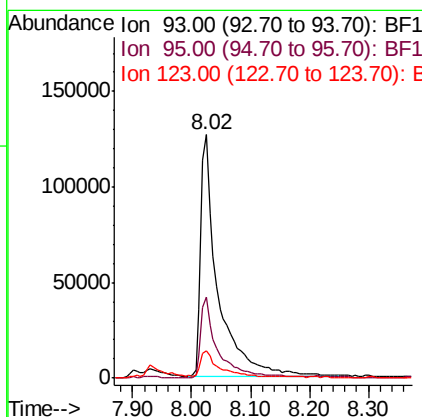
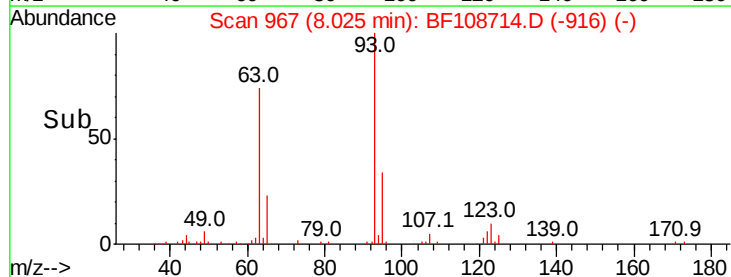
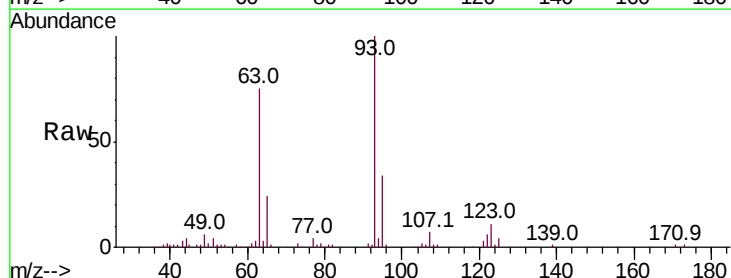
Manual Integrations
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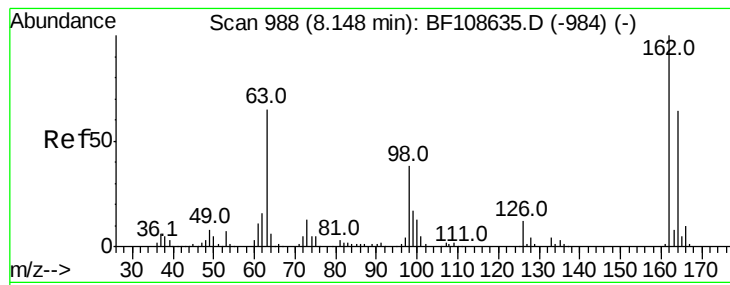
Sohil
 9/4/2018 3:54:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.501 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256552		
95	33.5	26.3	39.5	
123	11.2	9.8	14.6	





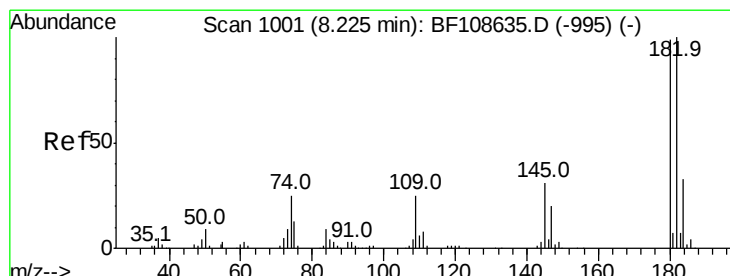
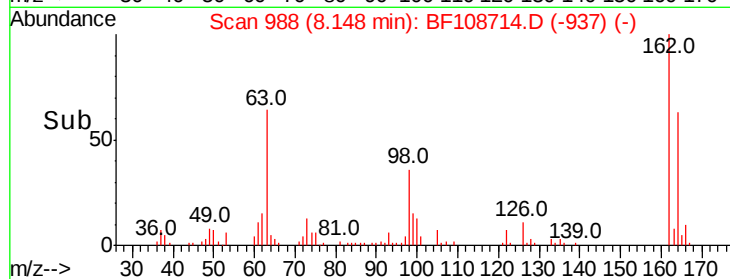
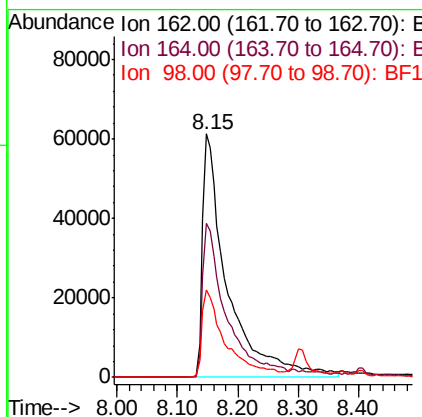
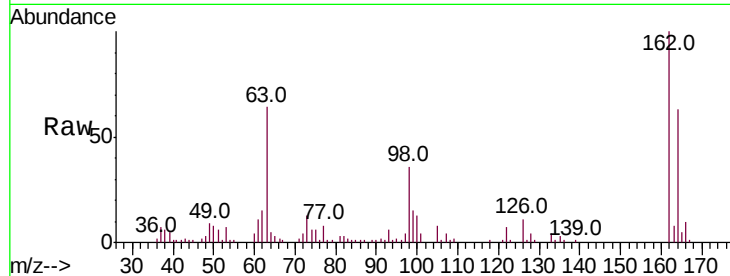
#29
 2,4-Dichlorophenol
 Concen: 41.229 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion:	162	Resp:	175444
Ion Ratio	Lower	Upper	
162	100		
164	63.1	42.7	82.7
98	35.9	18.1	58.1

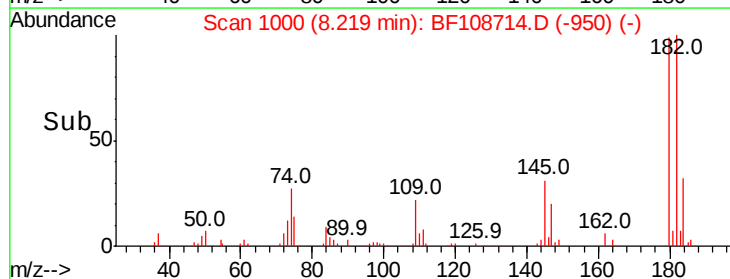
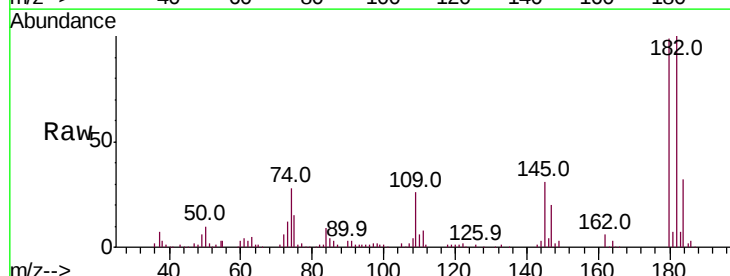
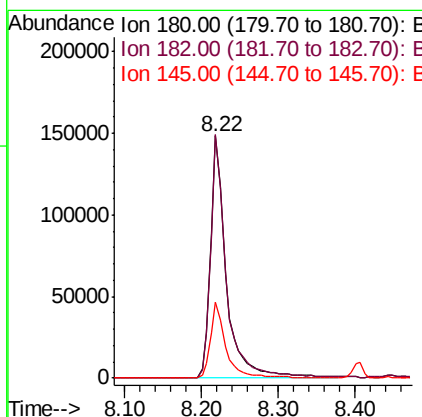
Manual Integrations
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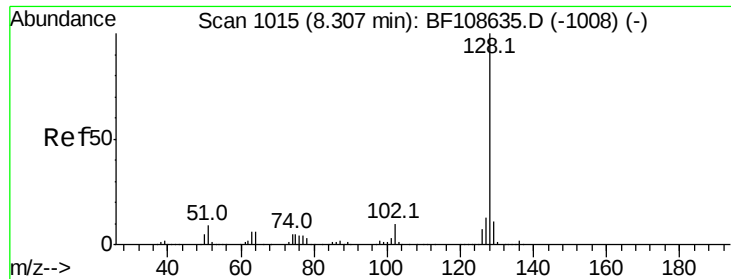
Sohil
 9/4/2018 3:54:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.401 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:	180	Resp:	211288
Ion Ratio	Lower	Upper	
180	100		
182	100.6	76.8	115.2
145	31.4	26.5	39.7





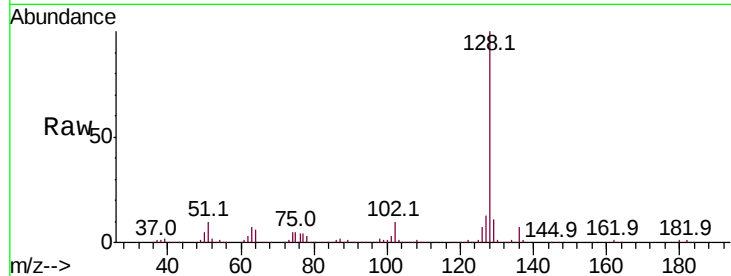
#31
Naphthalene
Concen: 50.923 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	661508		
129	11.1		8.8	13.2
127	13.2		10.9	16.3

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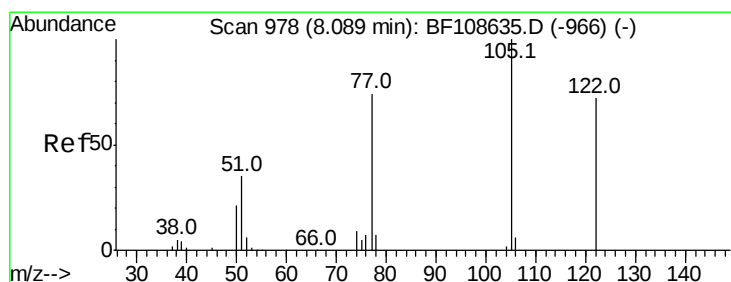
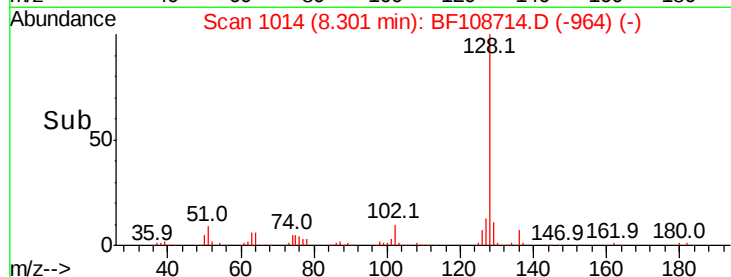
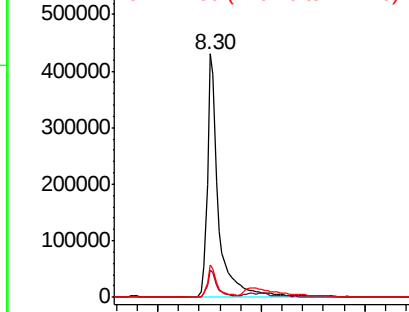


Abundance

Ion 128.00 (127.70 to 128.70): E

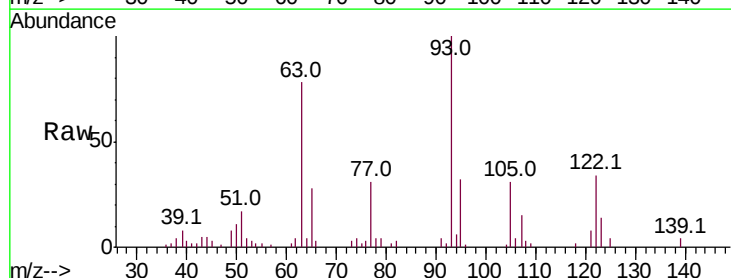
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.853 ng m
RT: 8.05 min Scan# 972
Delta R.T. -0.04 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	96273		
105	92.9		101.1	141.1#
77	92.0		70.7	110.7

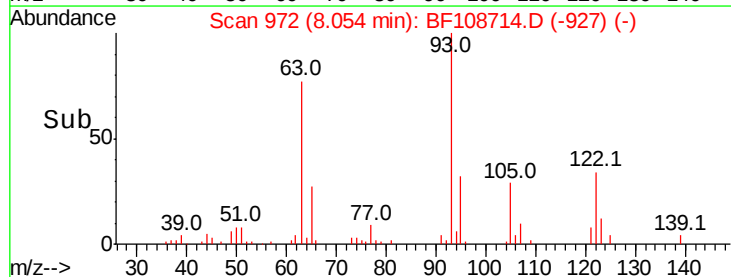
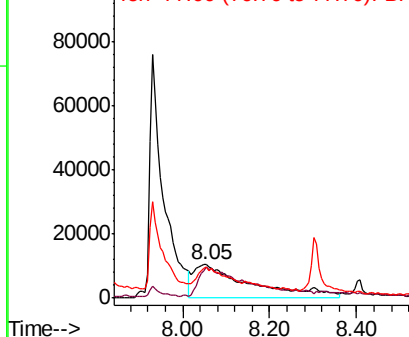


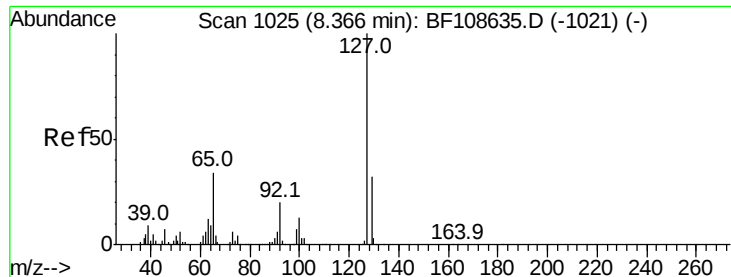
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





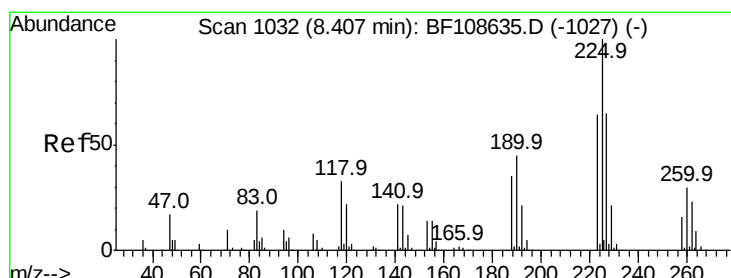
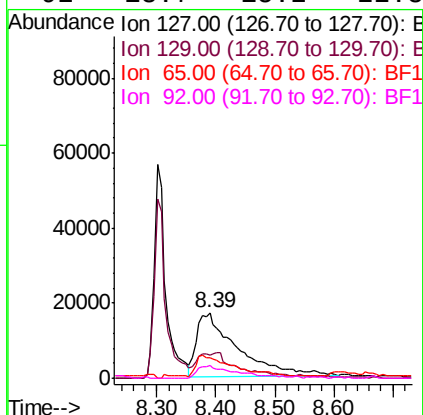
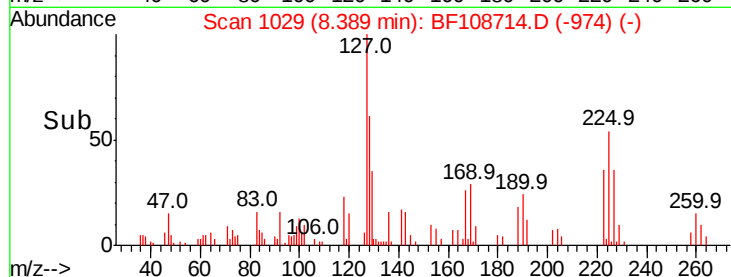
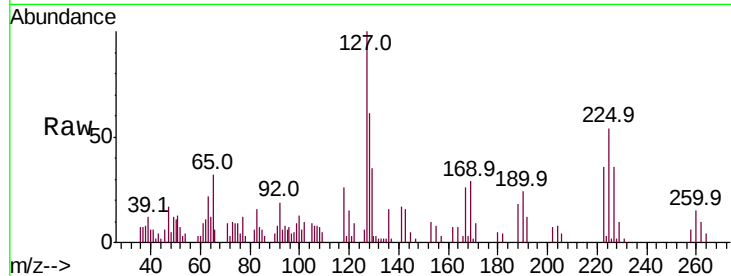
#33
4-Chloroaniline
Concen: 14.314 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		82081		
129	34.5	25.9	38.9		
65	31.6	25.0	37.4		
92	18.7	15.2	22.8		

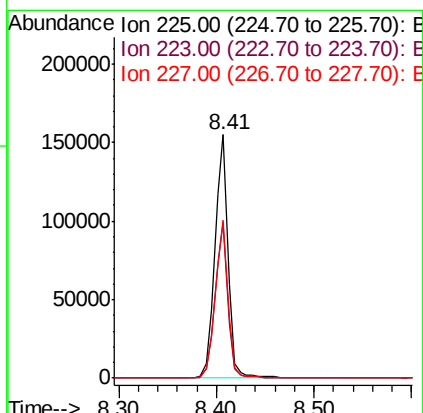
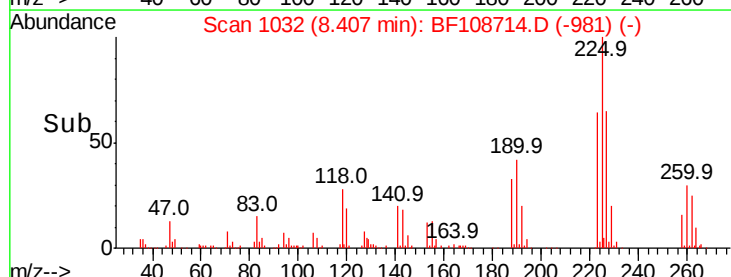
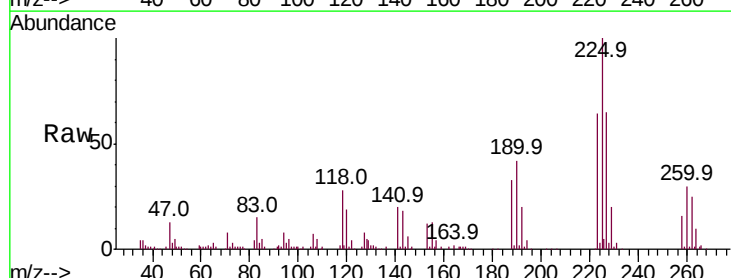
Manual Integrations
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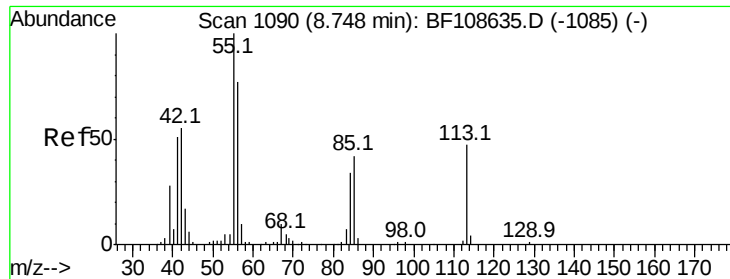
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#34
Hexachlorobutadiene
Concen: 46.237 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		144466		
223	63.8	50.6	76.0		
227	64.8	51.9	77.9		





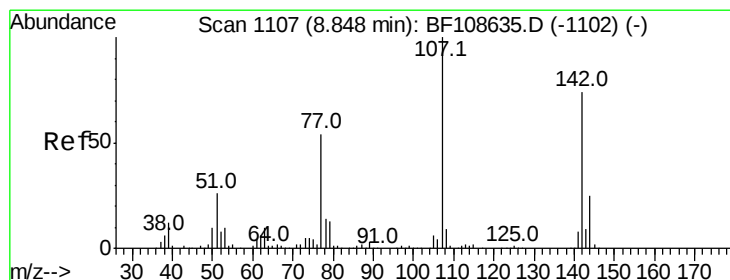
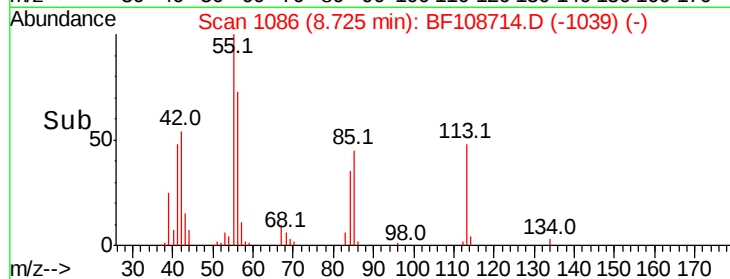
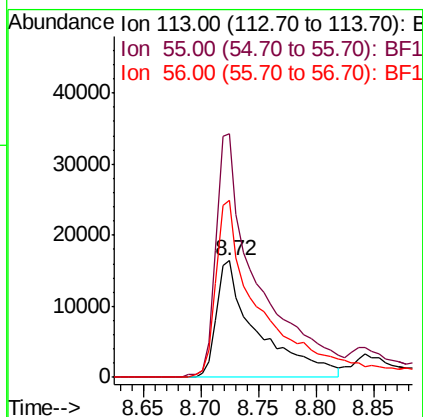
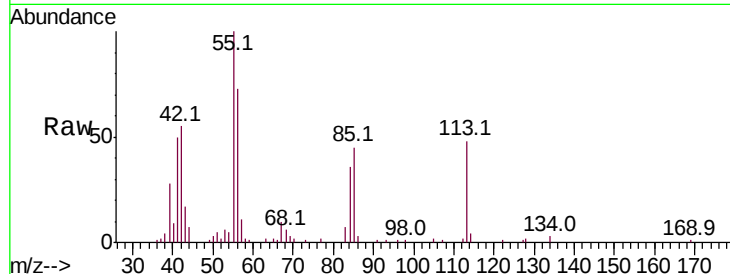
#35
 Caprolactam
 Concen: 35.751 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampled :
 PB112528BS

Tot Ion:113 Resp: 40539
 Ion Ratio Lower Upper
 113 100
 55 208.8 163.3 203.3#
 56 151.8 115.7 155.7

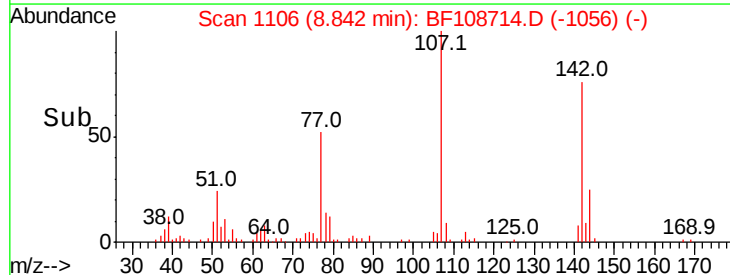
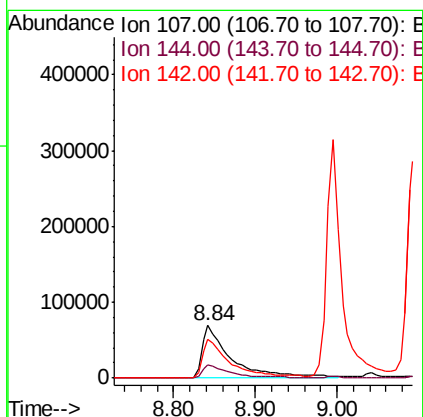
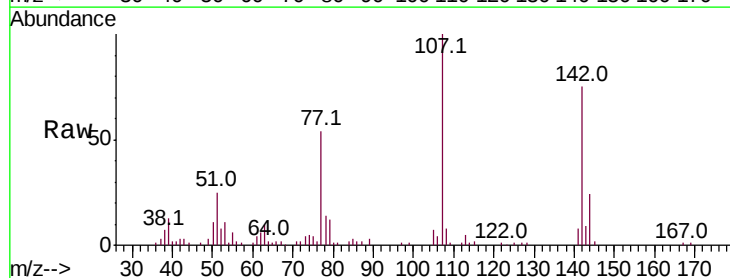
Manual Integrations
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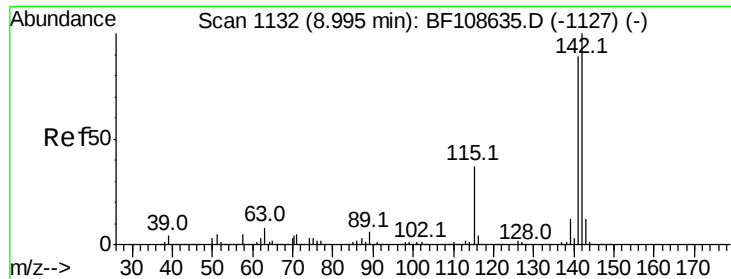
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#36
 4-Chloro-3-methylphenol
 Concen: 37.889 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion:107 Resp: 173048
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 75.2 62.0 93.0





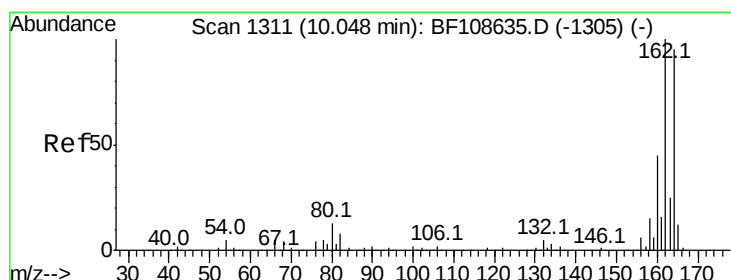
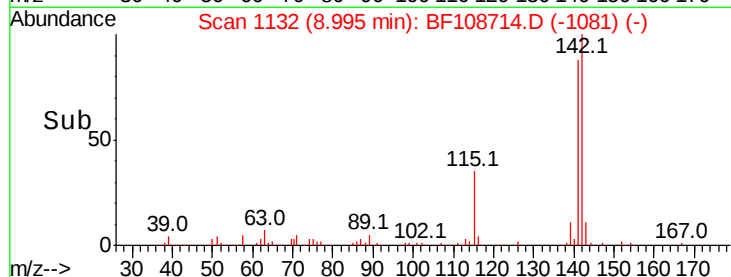
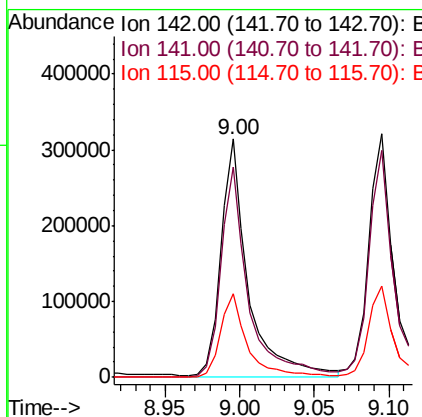
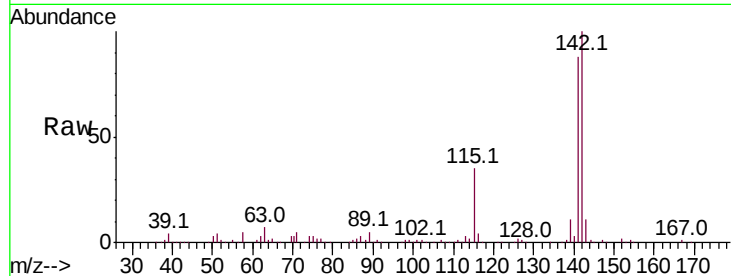
#37
2-Methylnaphthalene
Concen: 45.775 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	402325		
141	88.3		70.8	106.2
115	35.0		26.1	39.1

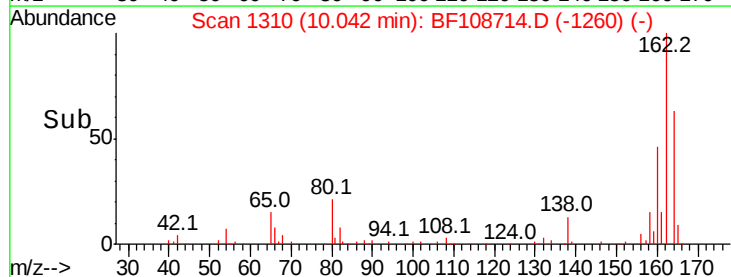
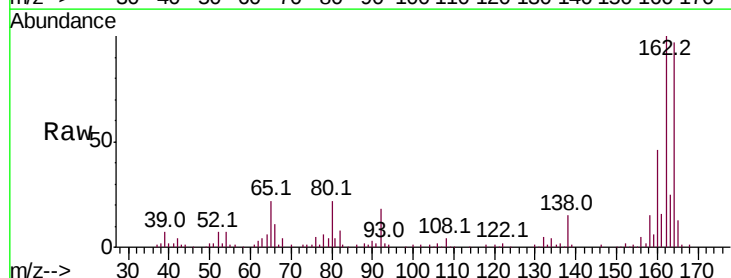
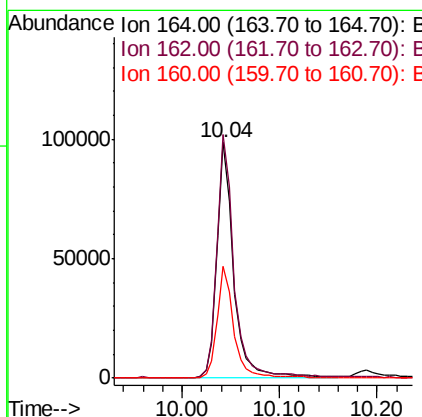
Manual Integrations
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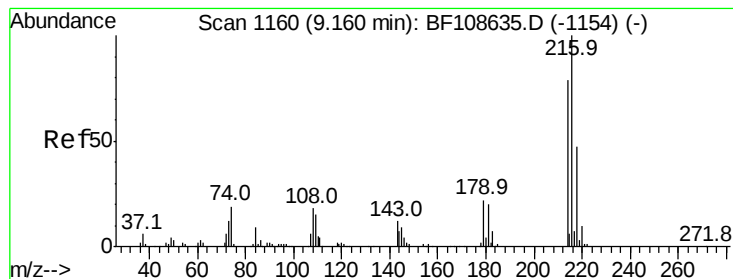
Sohil
9/4/2018 3:54:20 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119482		
162	103.4		86.1	129.1
160	47.7		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.911 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

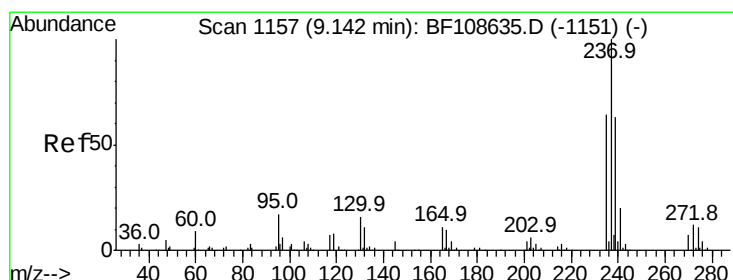
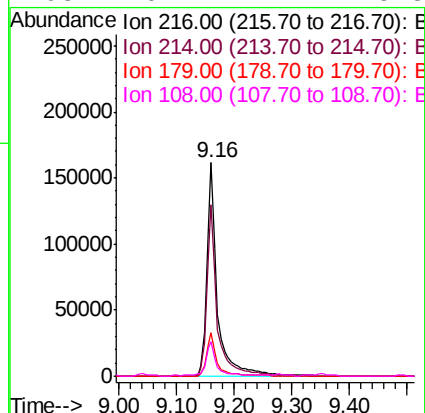
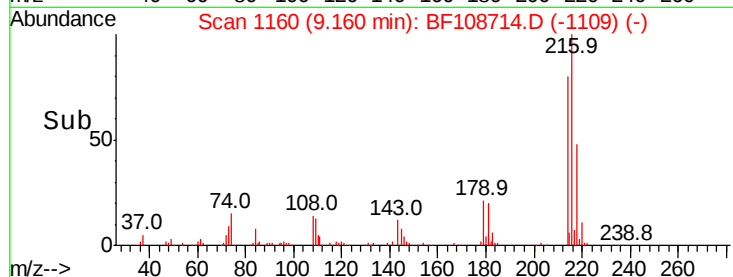
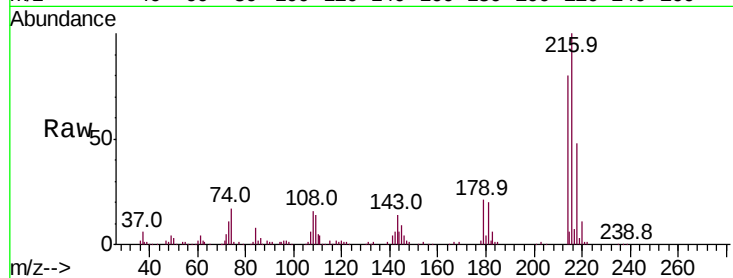
ClientSampleId :

PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.4	18.1	27.1
108	16.4	17.2	25.8#

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 26.774 ng

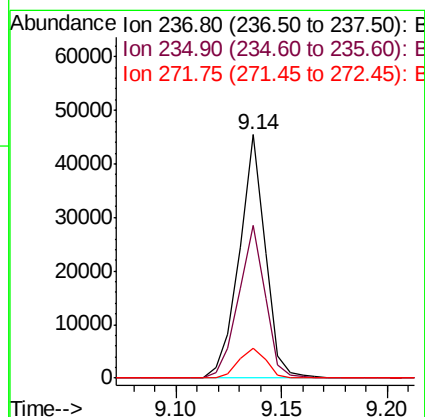
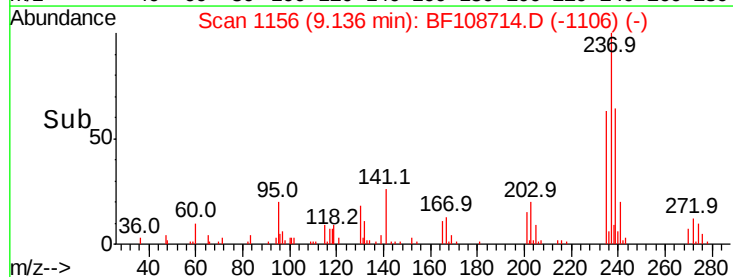
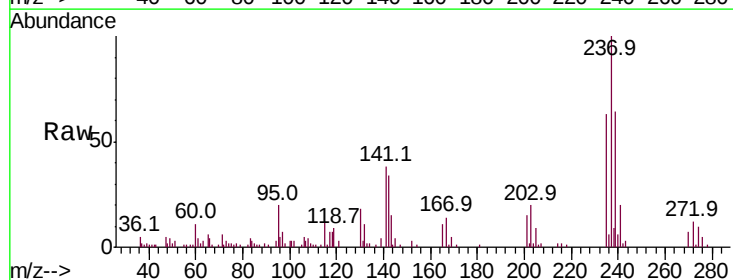
RT: 9.14 min Scan# 1156

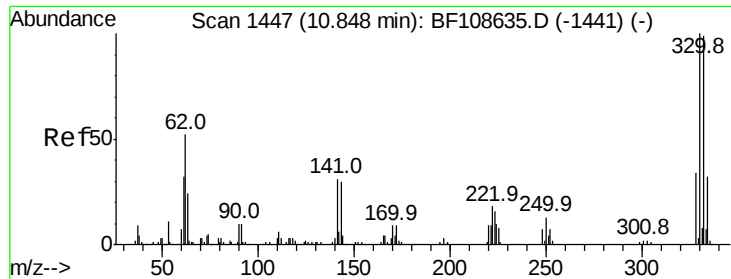
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.4	0.0	33.3





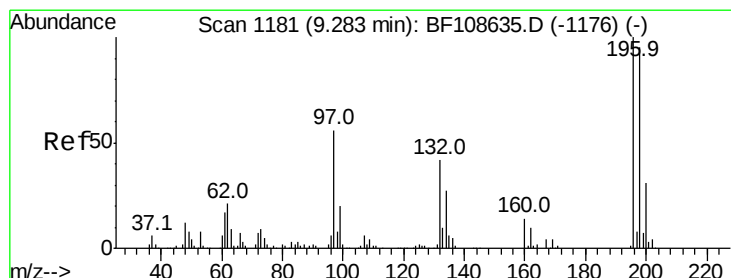
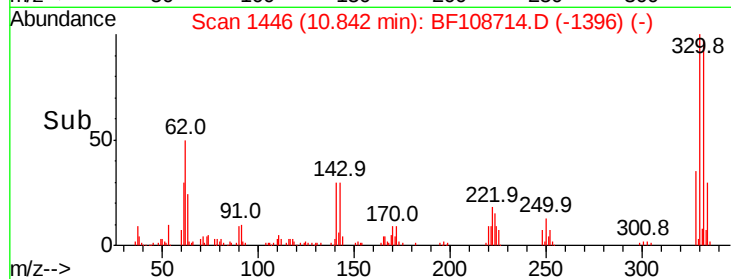
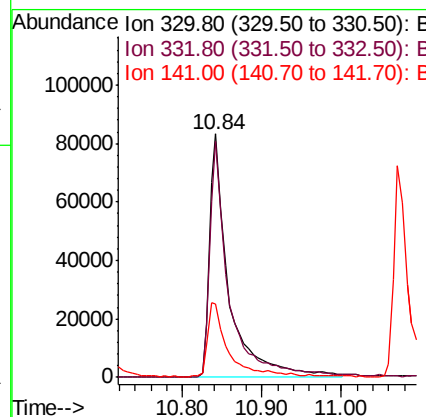
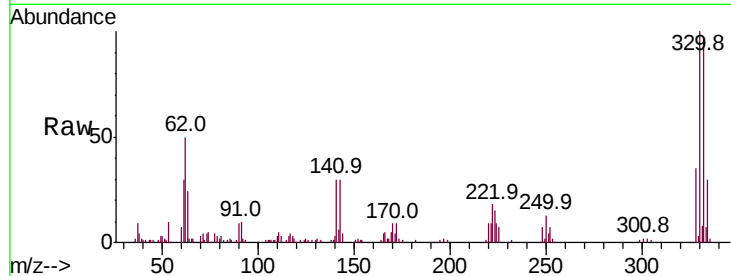
#41
 2,4,6-Tribromophenol
 Concen: 90.791 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	34.2	29.9	44.9	

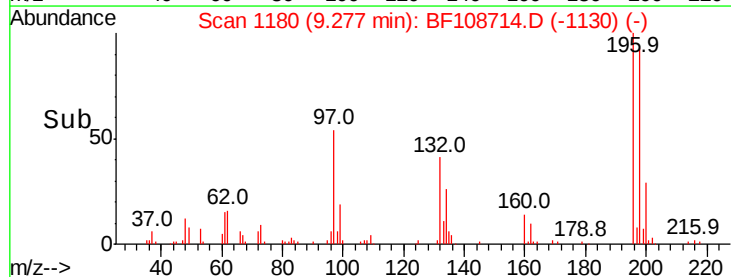
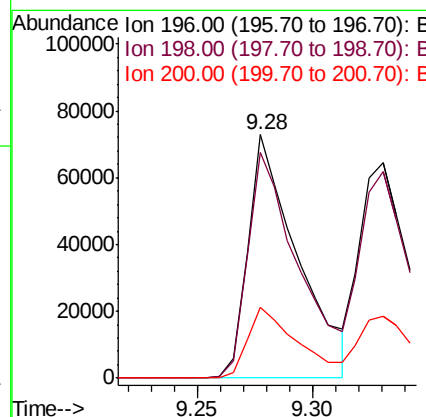
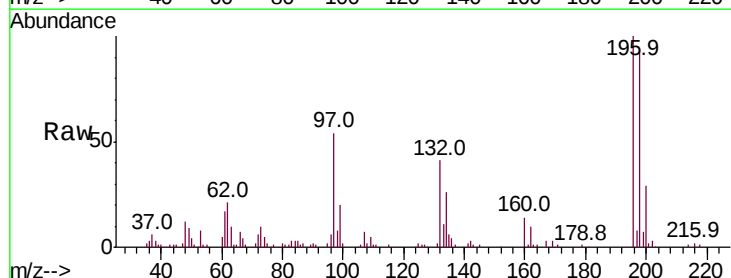
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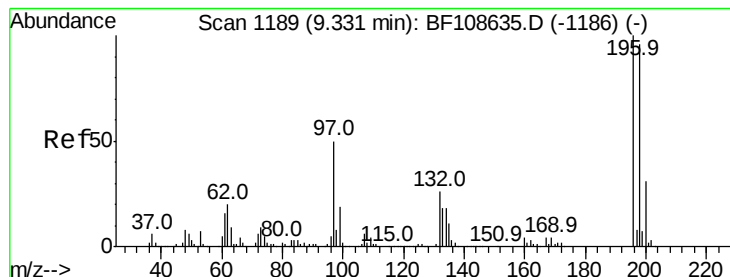
Sohil
 9/4/2018 3:54:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.165 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.8	75.7	113.5	
200	29.0	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 48.473 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

ClientSampleId :

PB112528BS

Tot Ion:196 Resp: 141988

Ion Ratio Lower Upper

196 100

198 95.6 74.6 112.0

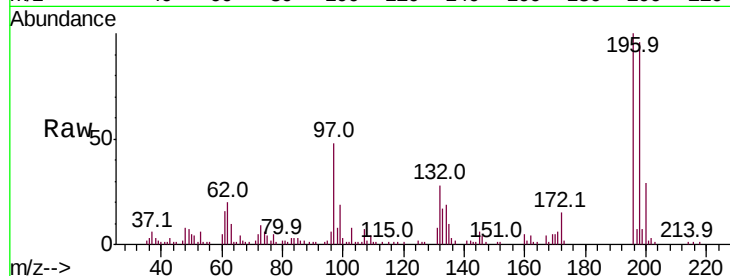
97 47.7 42.9 64.3

132 27.8 26.3 39.5

Manual Integrations
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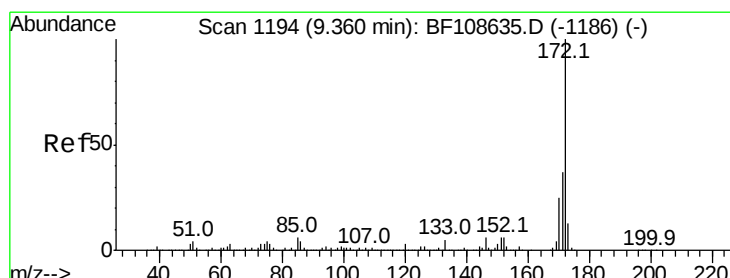
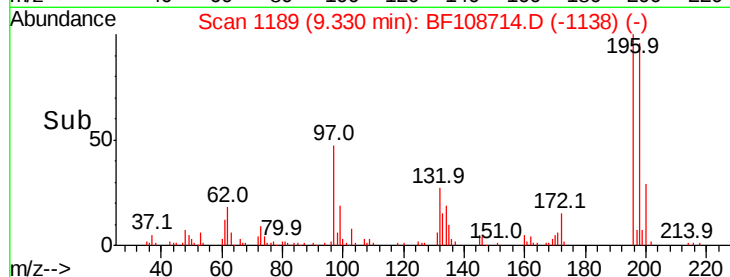
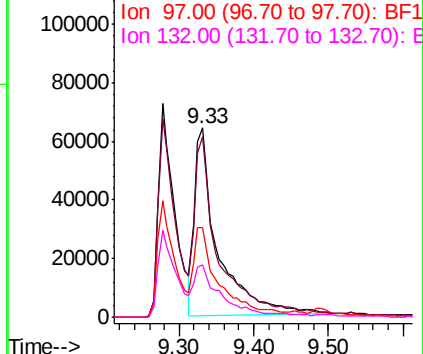
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 108.711 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

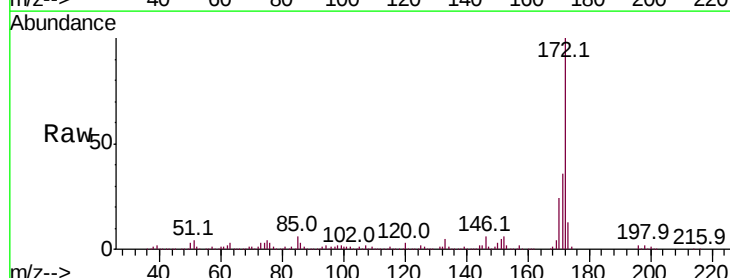
Tgt Ion:172 Resp: 966028

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

170 24.0 19.6 29.4

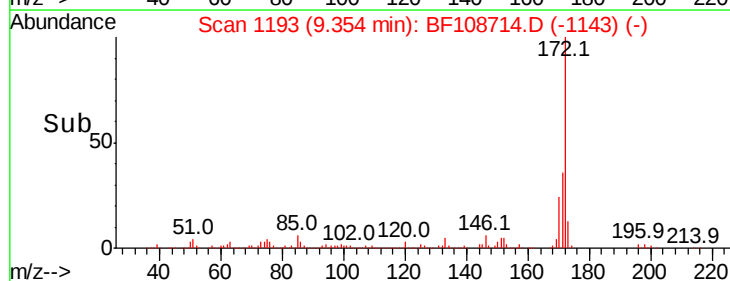
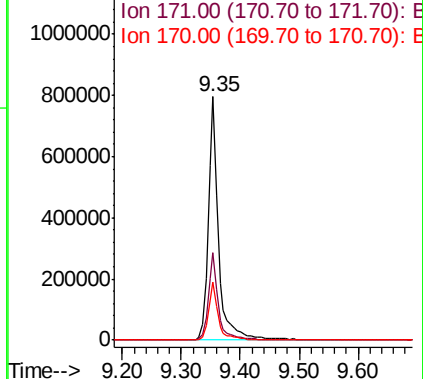


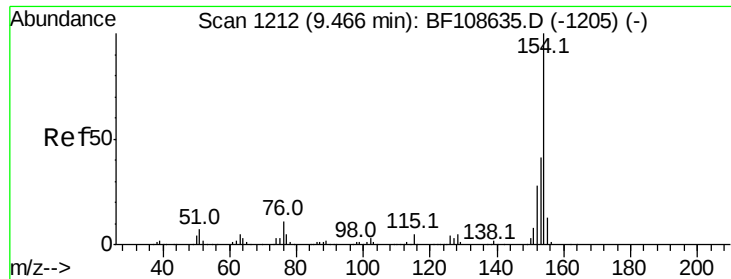
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.383 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

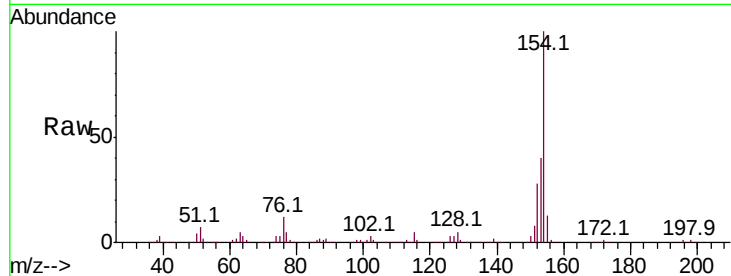
ClientSampleId :

PB112528BS

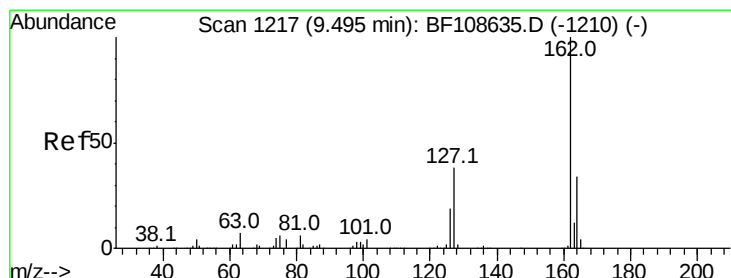
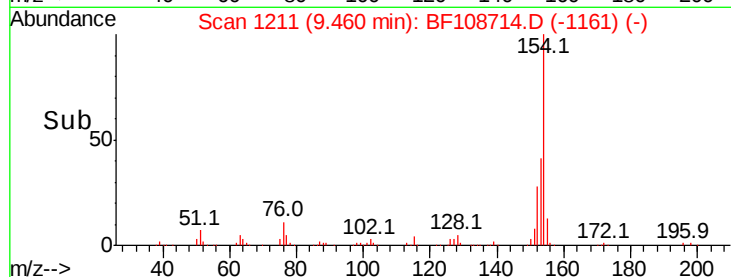
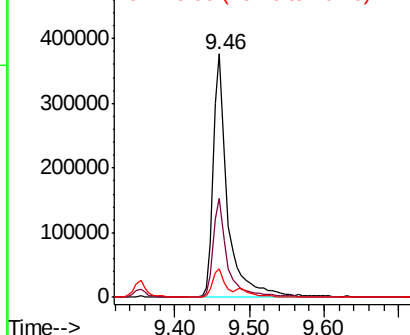
Tot Ion:	154	Resp:	503266
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	11.5	0.0	34.0

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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: 47.407 ng

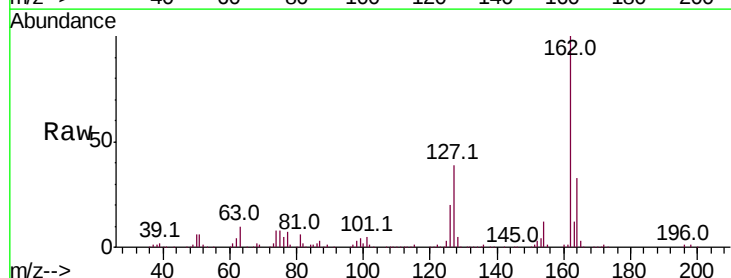
RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

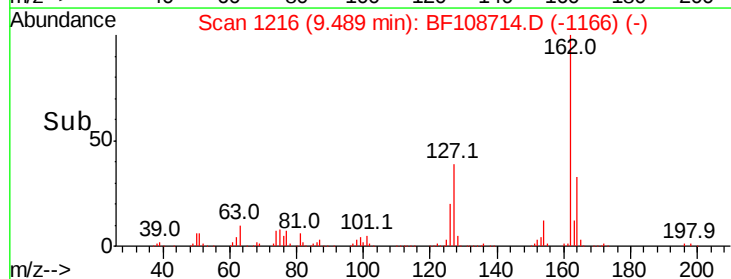
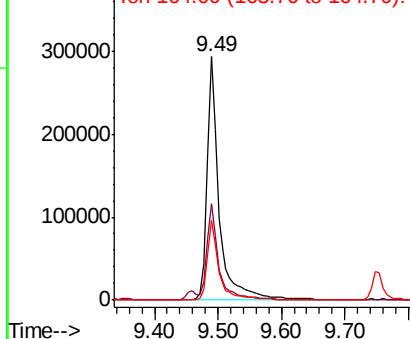
Lab File: BF108714.D

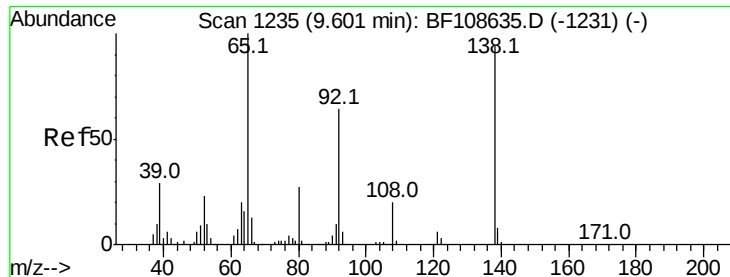
Acq: 1 Sep 2018 3:20

Tgt Ion:	162	Resp:	386042
Ion Ratio	Lower	Upper	
162	100		
127	39.4	33.9	50.9
164	32.7	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





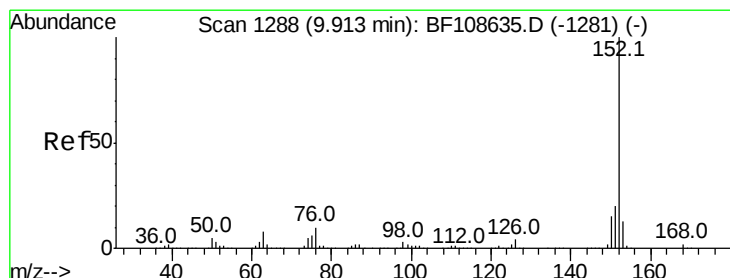
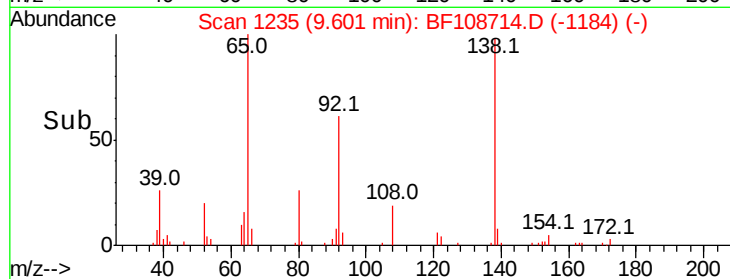
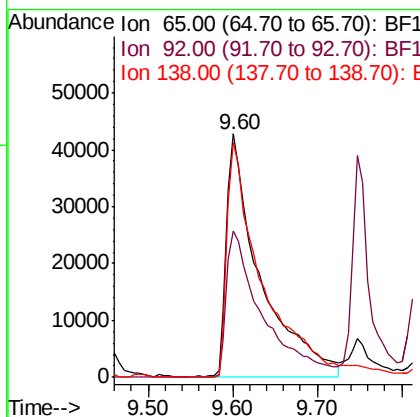
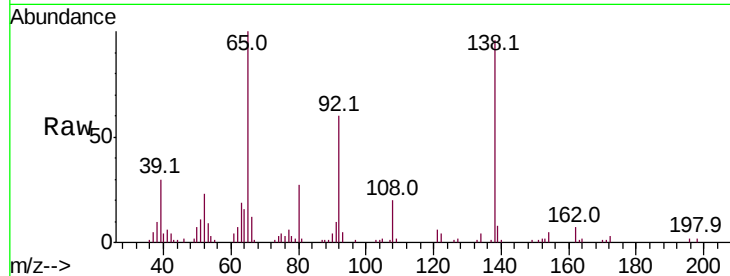
#47
2-Nitroaniline
Concen: 43.461 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.9	55.8	83.6
138	96.4	91.2	136.8

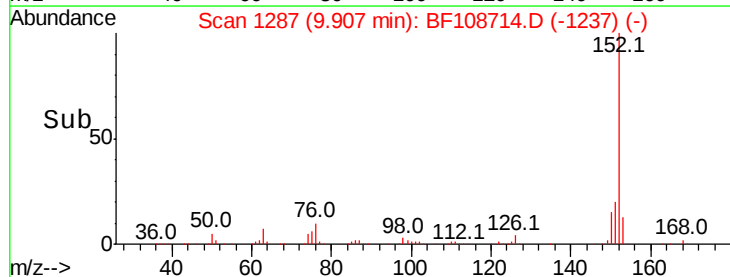
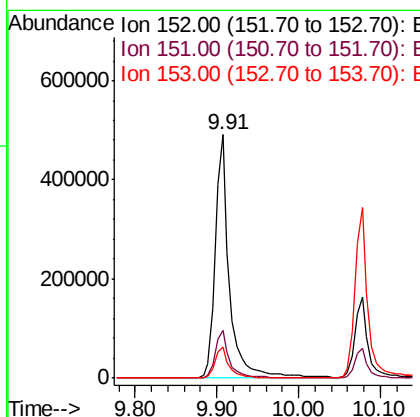
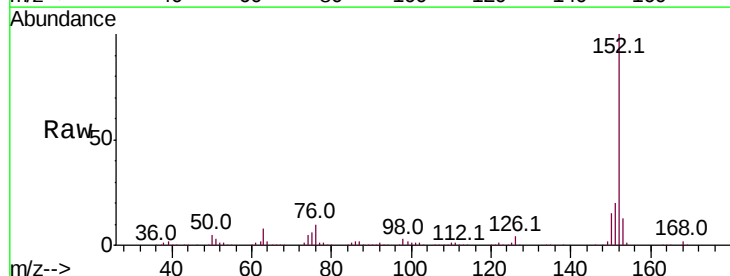
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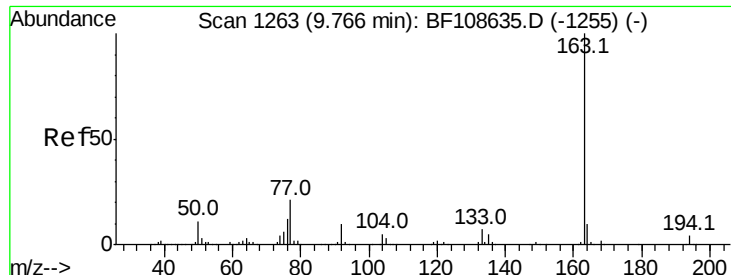
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#48
Acenaphthylene
Concen: 49.732 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.0	10.7	16.1





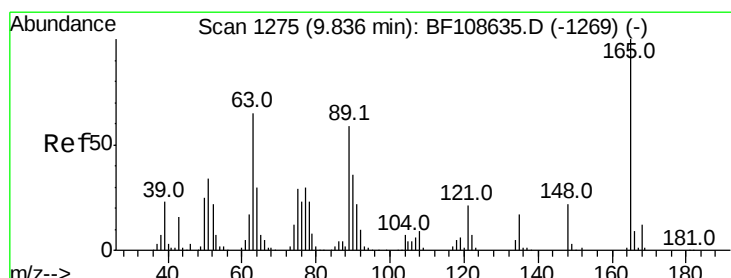
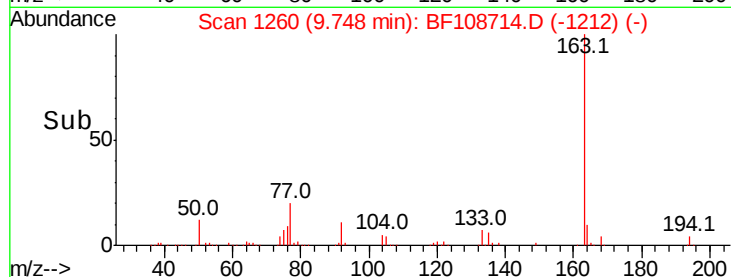
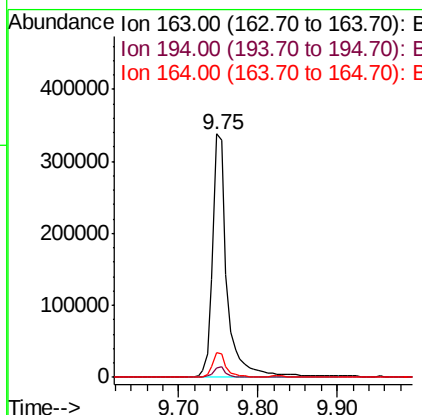
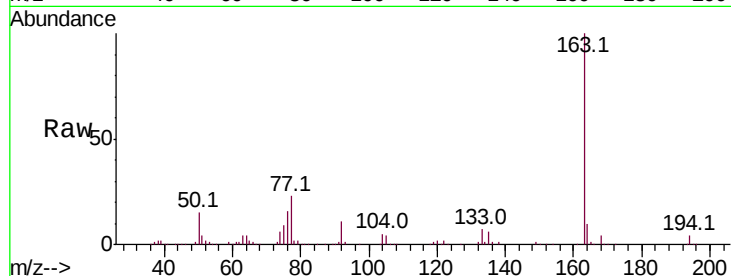
#49
Dimethylphthalate
Concen: 46.134 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.1	8.2	12.2	

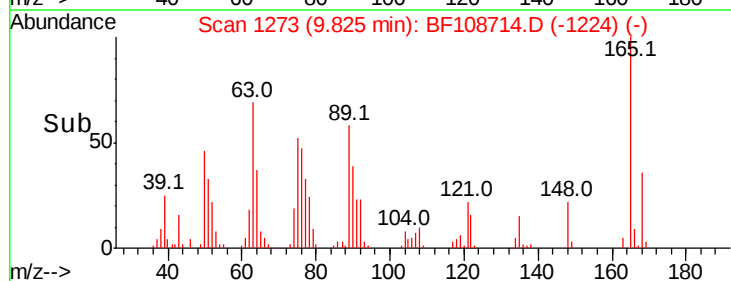
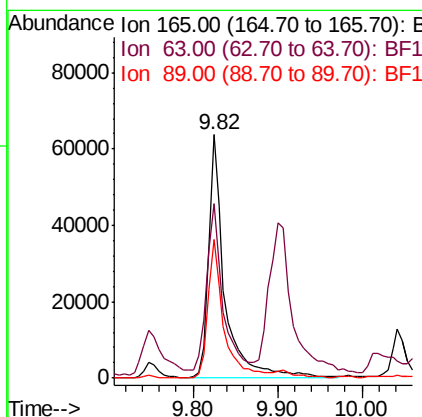
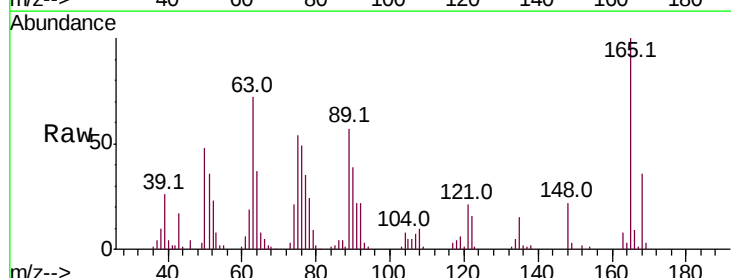
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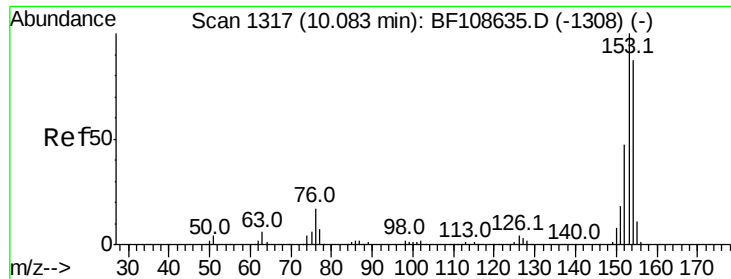
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.480 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.5	44.7	67.1#	
89	57.2	44.0	66.0	





#51

Acenaphthene

Concen: 49.218 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

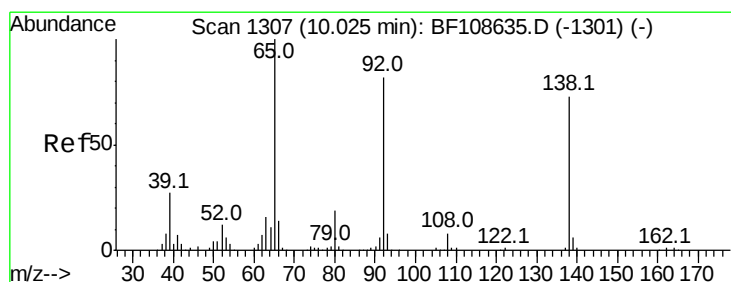
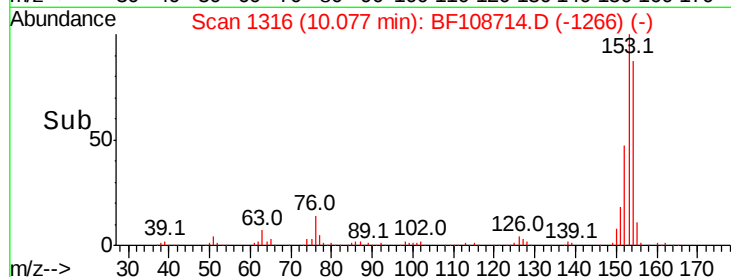
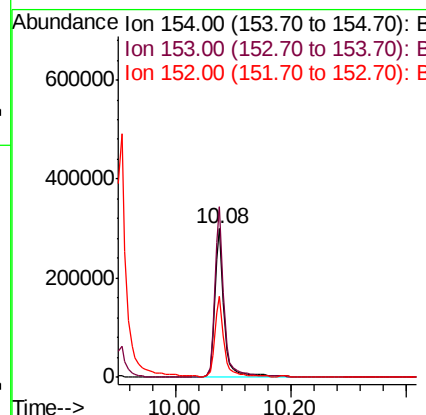
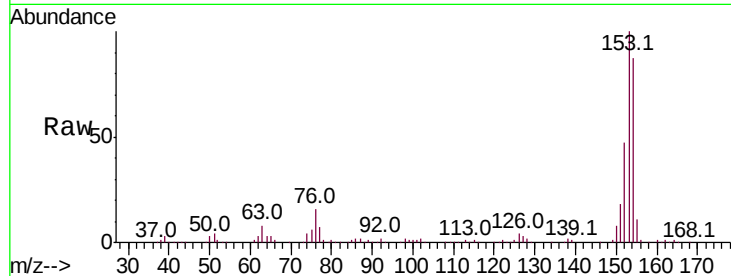
ClientSampleId :

PB112528BS

Tot Ion:	154	Resp:	350834
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 38.638 ng

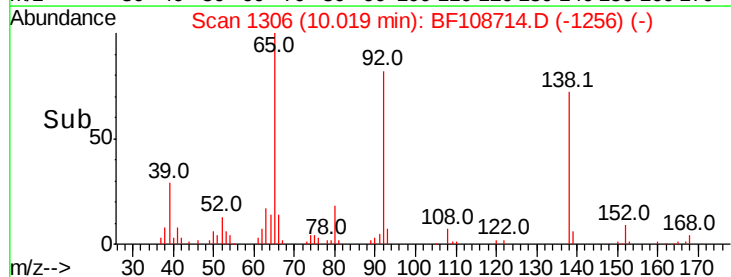
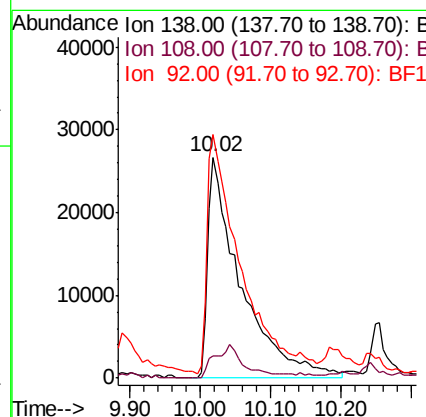
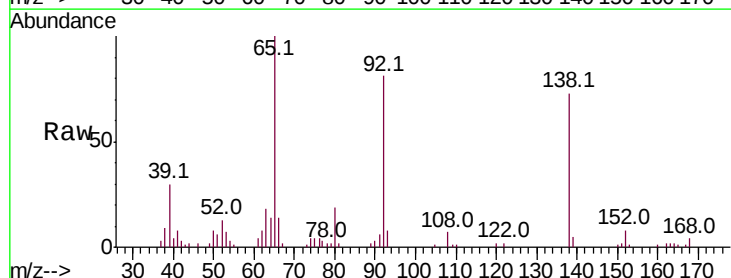
RT: 10.02 min Scan# 1306

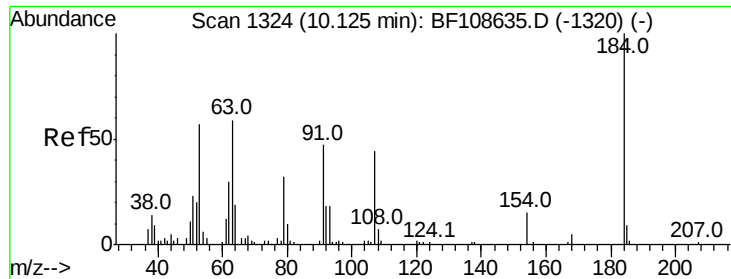
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	138	Resp:	86687
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	110.2	89.4	134.2





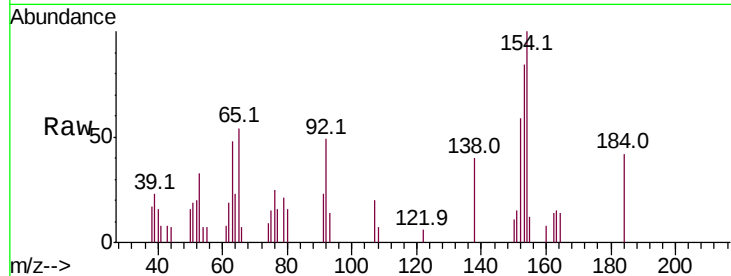
#53
2,4-Dinitrophenol
Concen: 12.961 ng/mL
RT: 10.15 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	115.0	54.2	81.2#
154	237.1	184.0	276.0

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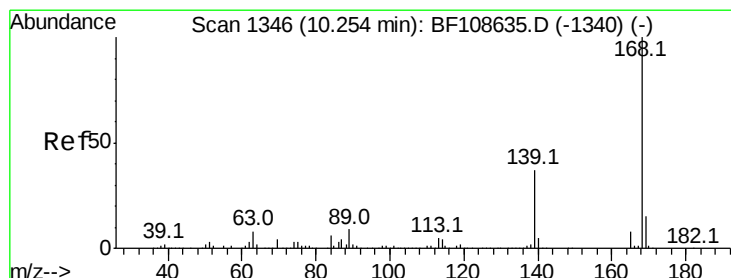
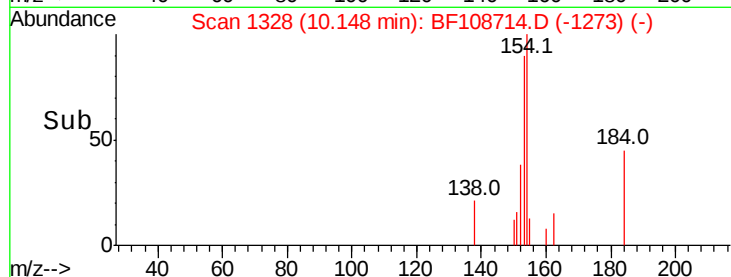
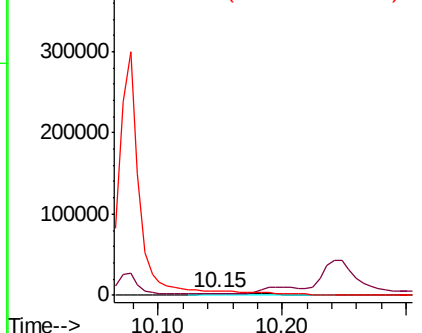


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 46.244 ng/mL
RT: 10.25 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

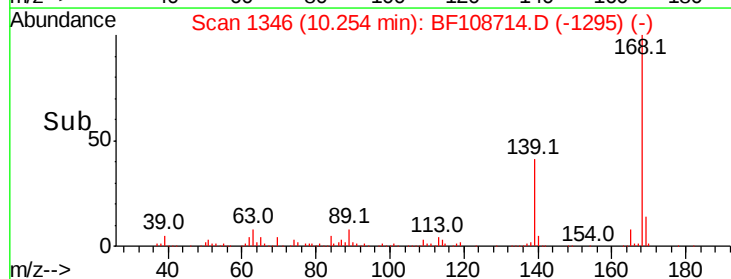
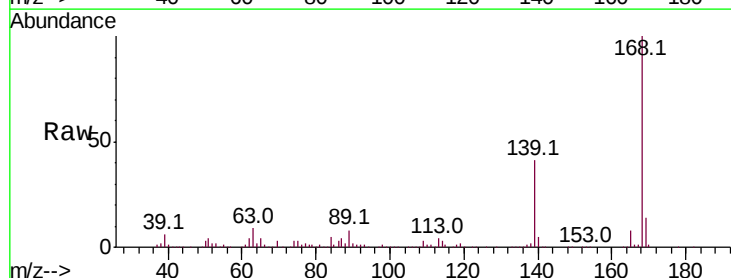
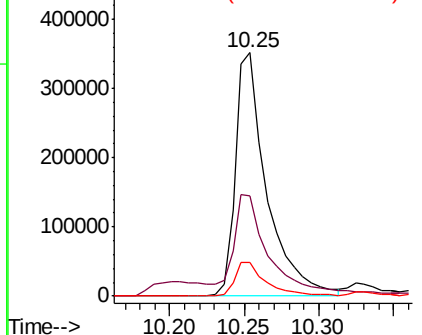
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	13.8	10.9	16.3

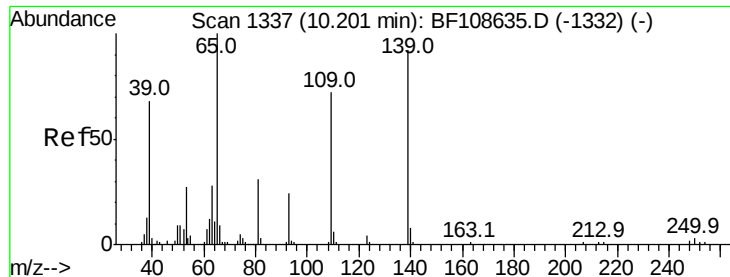
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





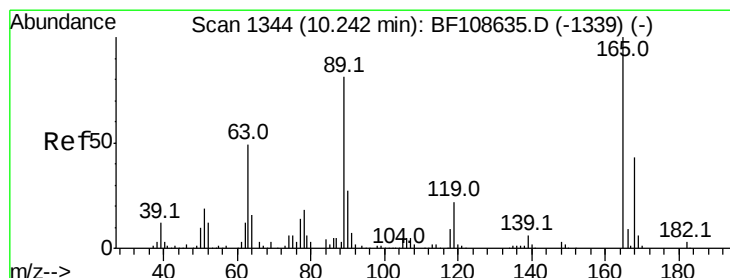
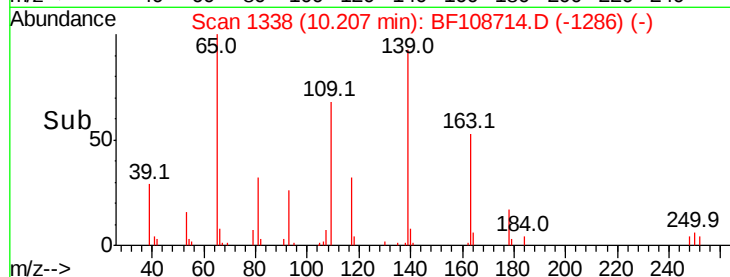
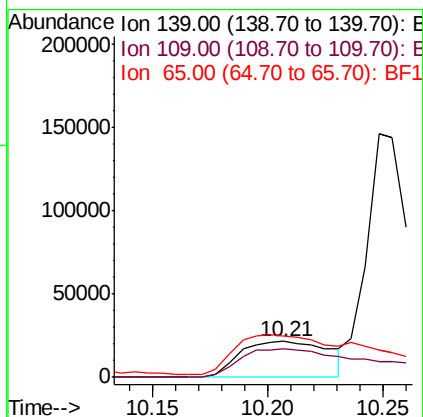
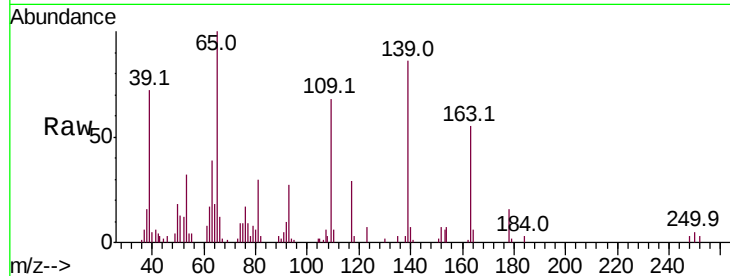
#55
4-Nitrophenol
Concen: 42.408 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.9	48.4	88.4
65	115.9	72.6	112.6

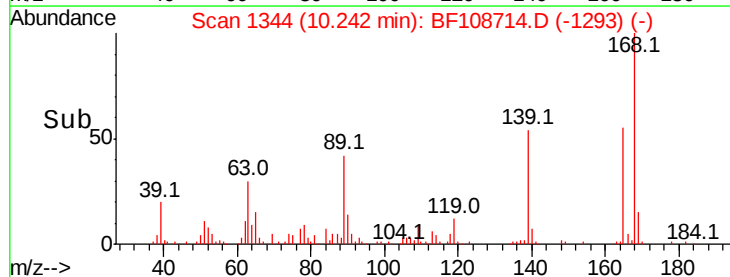
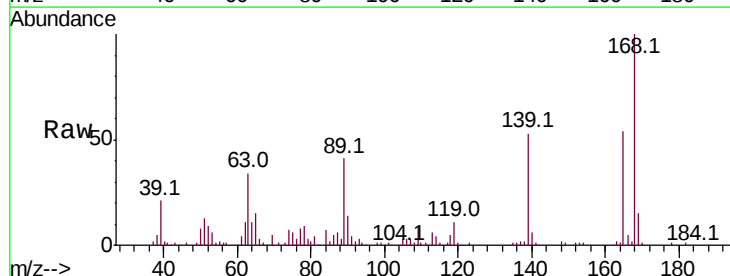
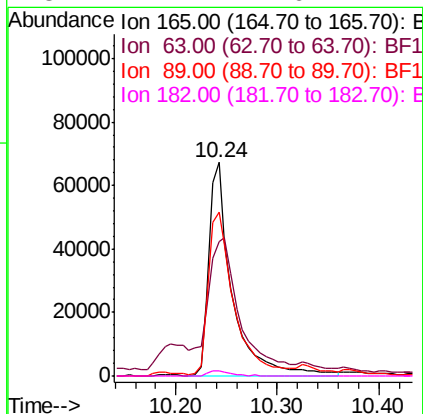
Manual Integrations
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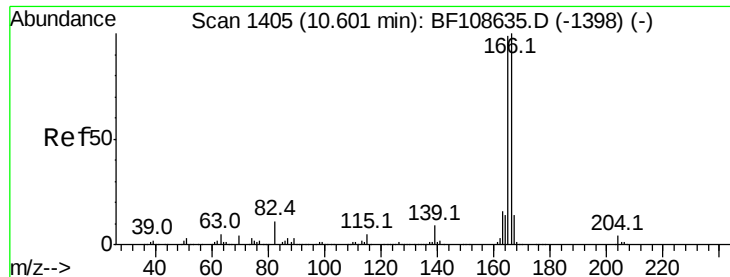
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.168 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.0	36.4	54.6
89	76.7	57.8	86.6
182	2.7	1.6	2.4





#57

Fluorene

Concen: 48.568 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

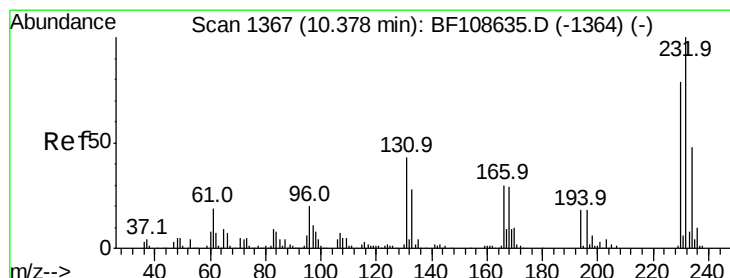
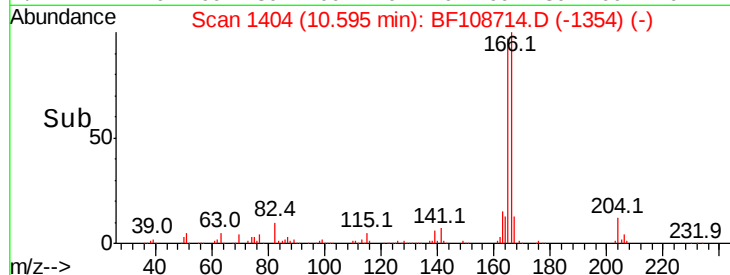
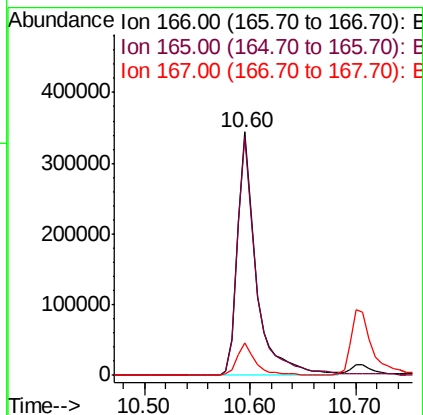
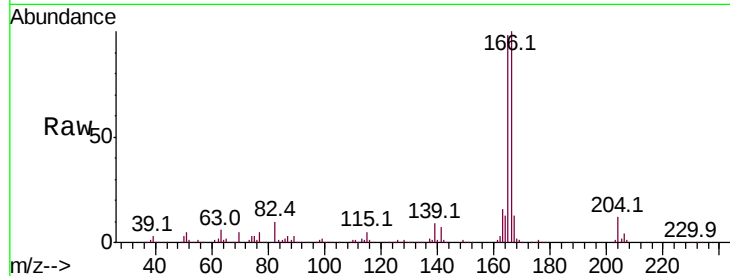
ClientSampleId :

PB112528BS

Tot Ion:	166	Resp:	419825
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.545 ng

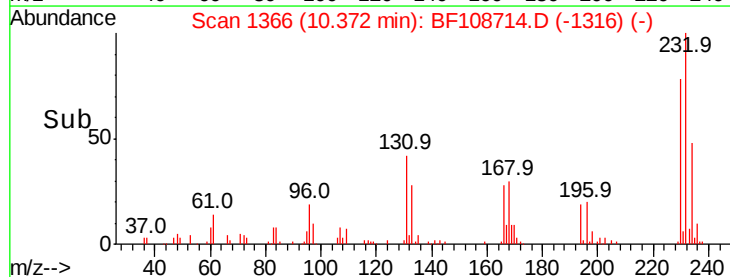
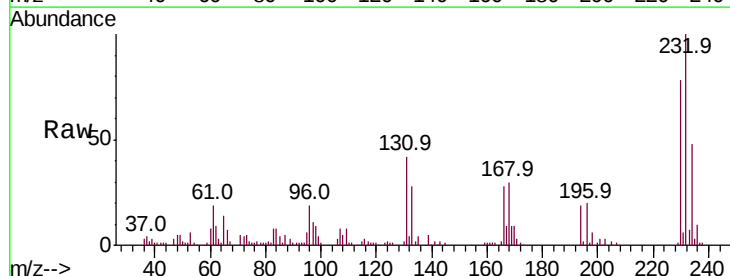
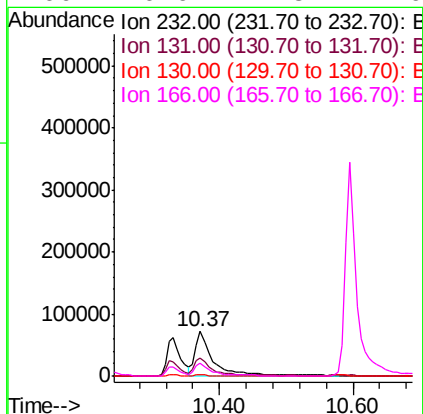
RT: 10.37 min Scan# 1366

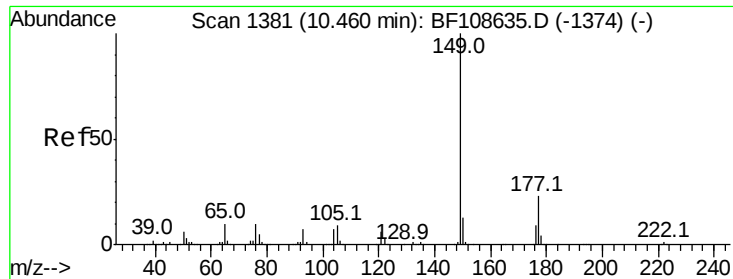
Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	232	Resp:	130012
Ion Ratio	Lower	Upper	
232	100		
131	32.9	43.8	65.8#
130	2.1	2.1	3.1#
166	26.6	27.8	41.6#





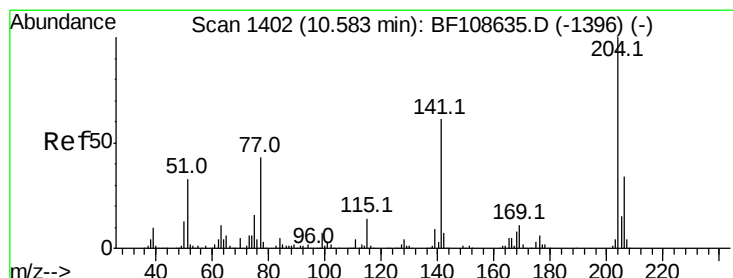
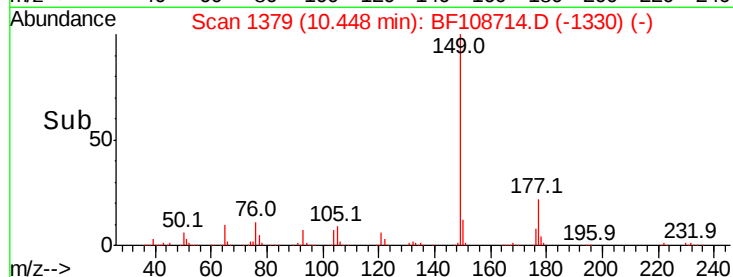
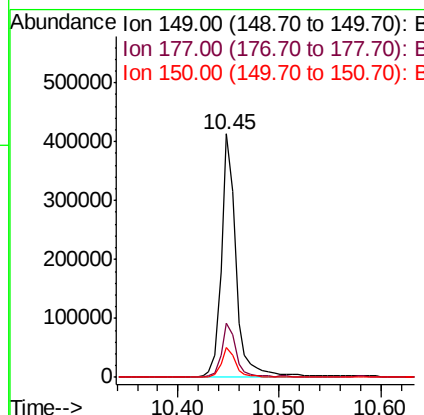
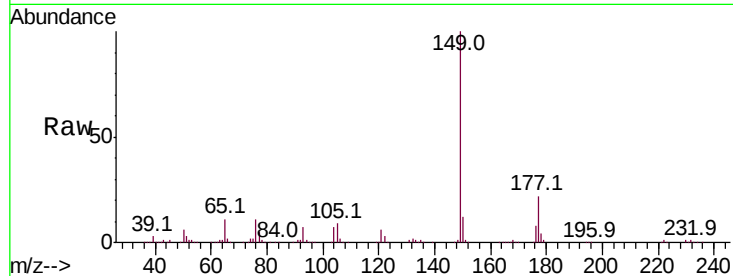
#59
Diethylphthalate
Concen: 44.365 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	420538		
177	22.1	16.1	24.1	
150	12.4	10.1	15.1	

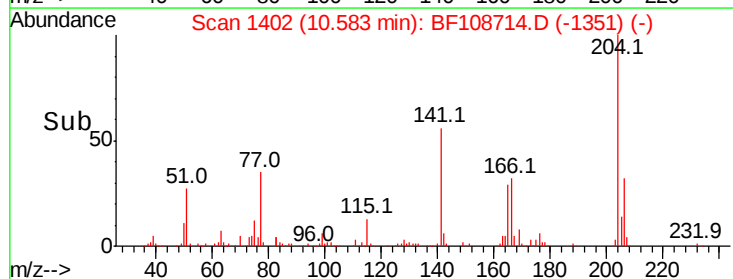
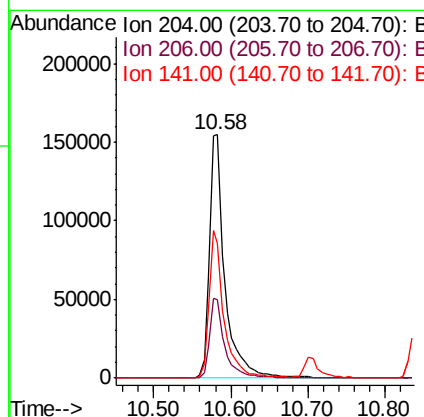
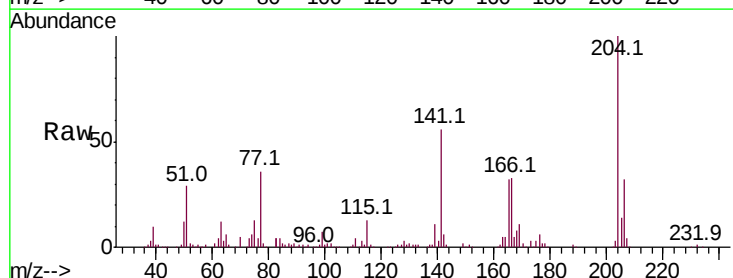
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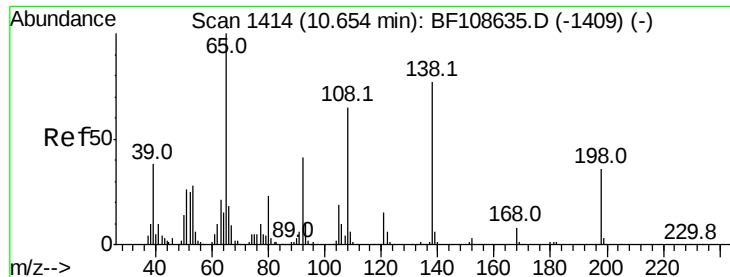
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#60
4-Chlorophenyl-phenylether
Concen: 43.563 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	213678		
206	32.3	26.5	39.7	
141	55.6	54.6	81.8	





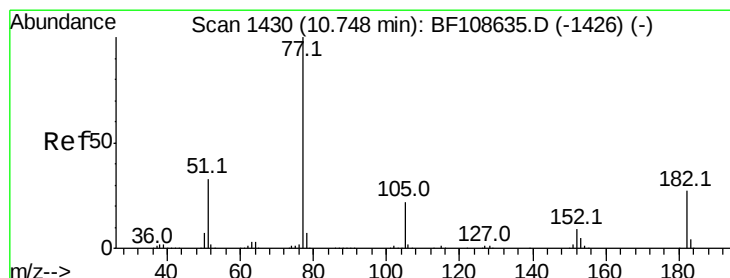
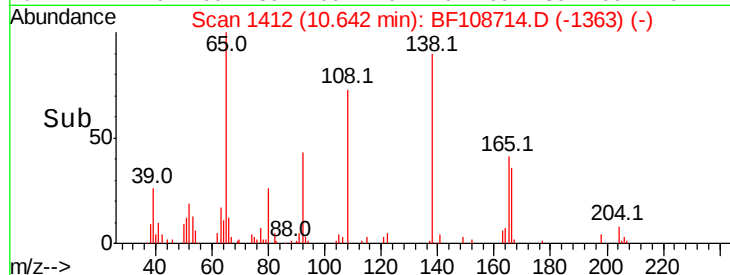
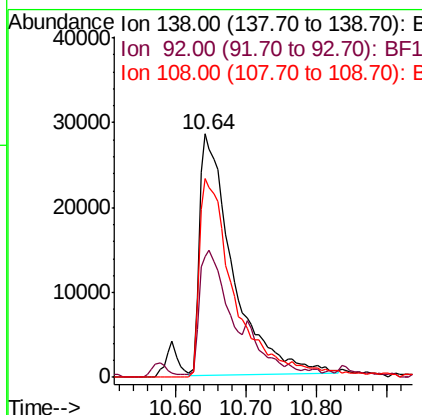
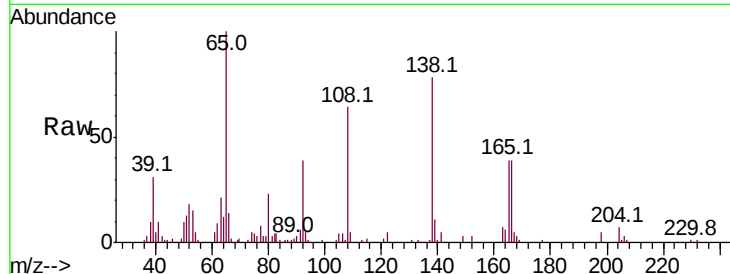
#61
4-Nitroaniline
Concen: 43.531 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.5	30.2	70.2	
108	81.5	52.5	92.5	

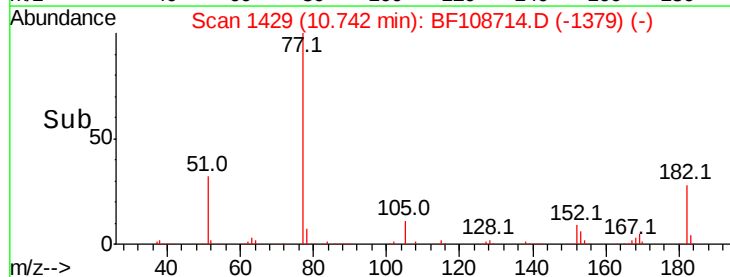
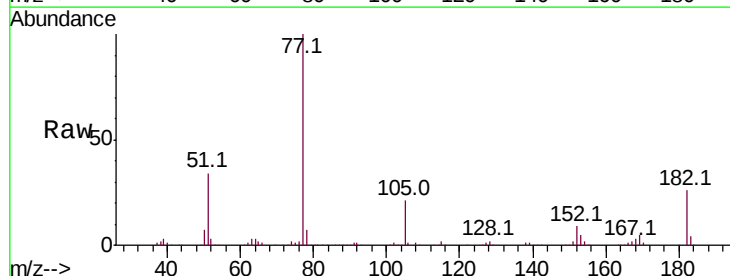
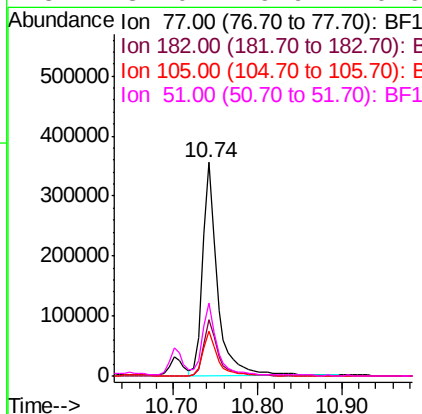
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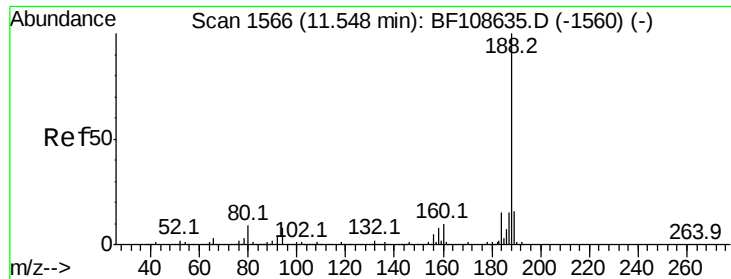
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#62
Azobenzene
Concen: 45.331 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.5	1.7	41.7	
105	20.8	3.0	43.0	
51	34.0	9.9	49.9	





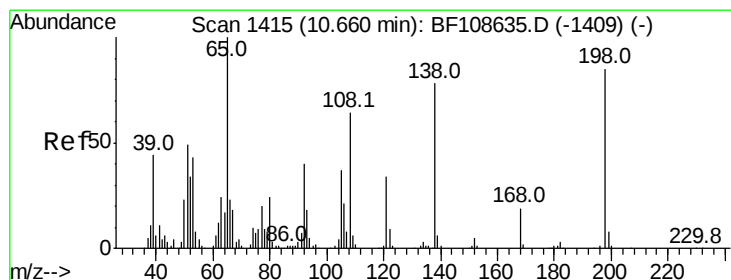
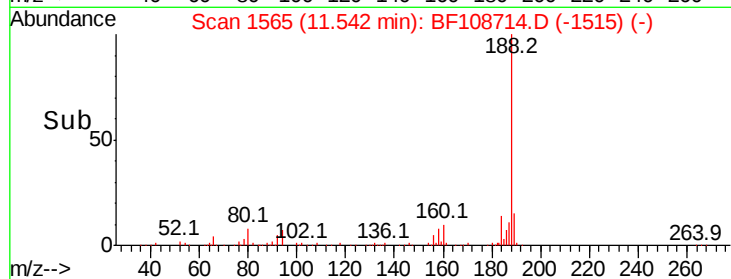
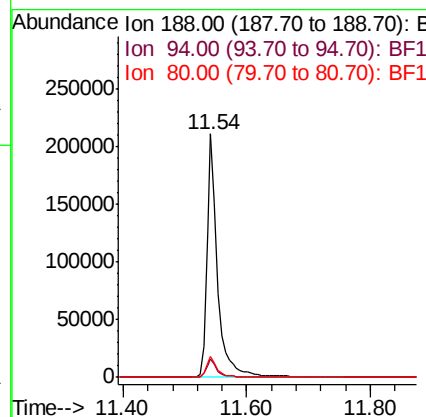
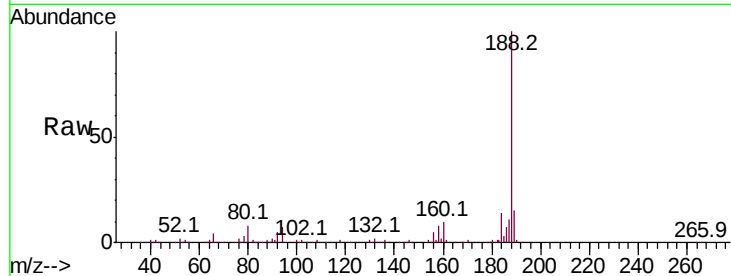
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.3	9.2	13.8#

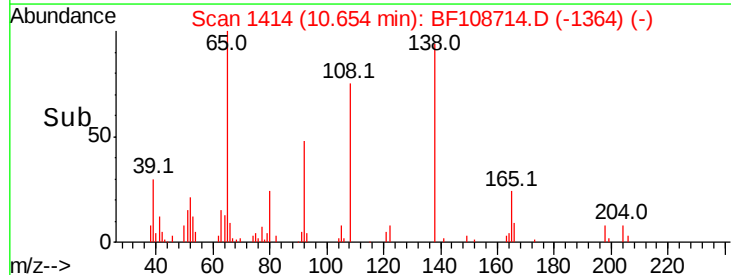
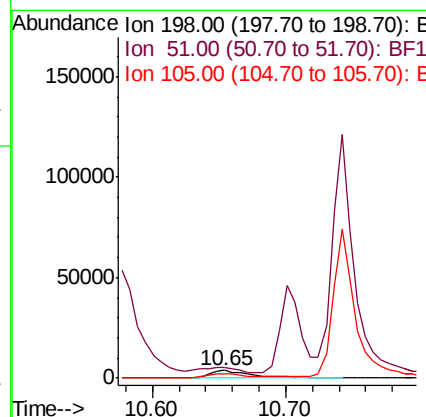
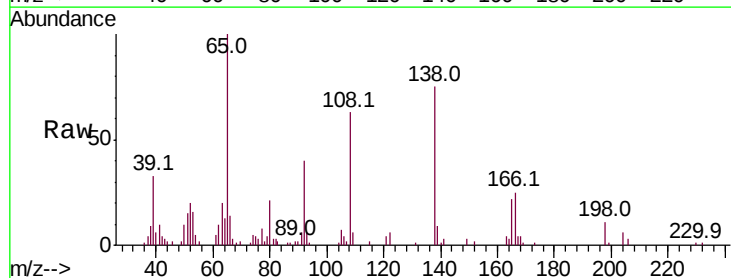
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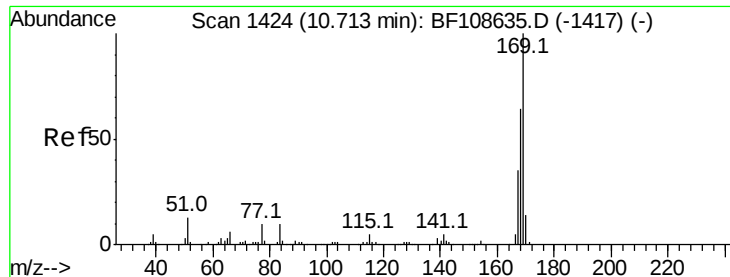
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.620 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	137.0	37.7	77.7#
105	61.0	36.3	76.3





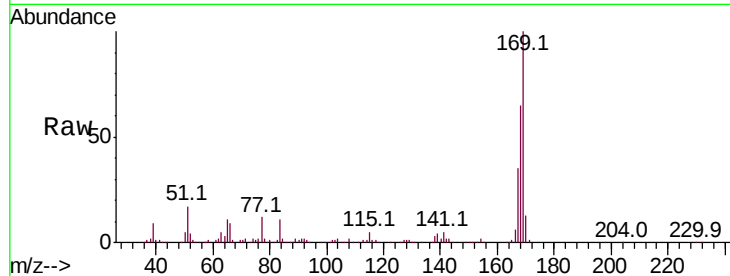
#65
n-Nitrosodiphenylamine
Concen: 44.099 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

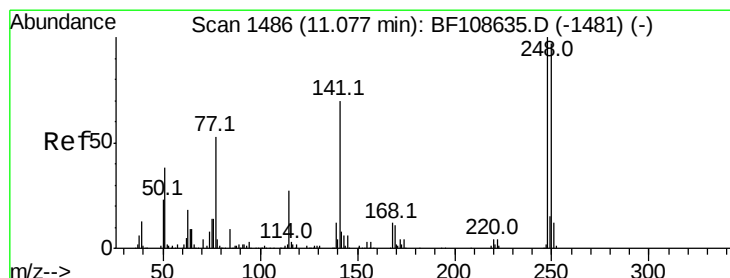
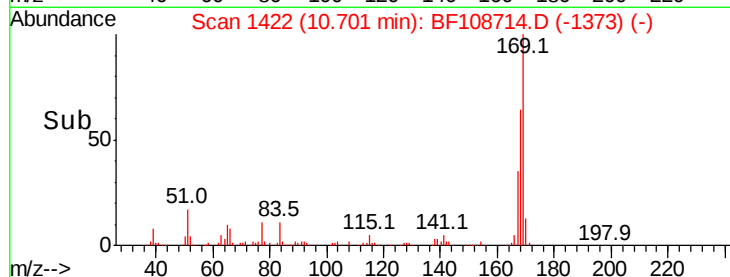
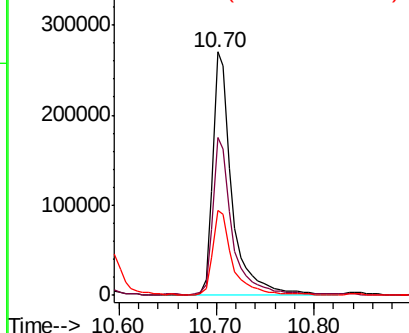
Tot Ion	Ratio	Resp	Lower	Upper
169	100	373147		
168	64.7		54.4	81.6
167	34.7		29.8	44.6

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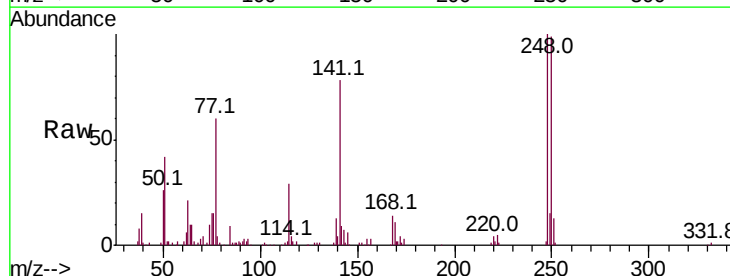


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

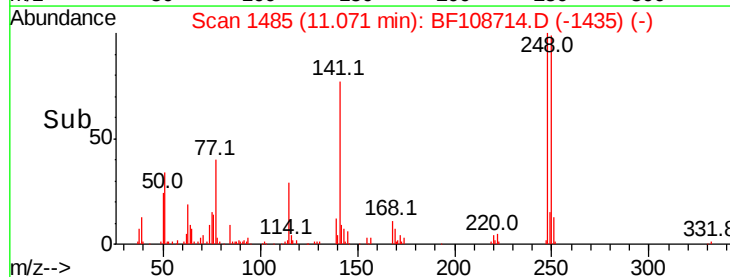
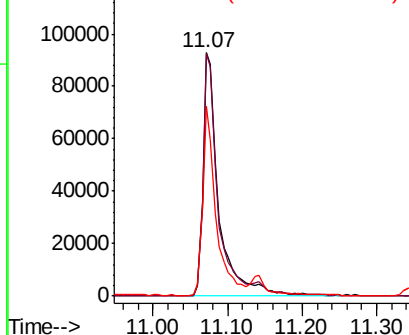


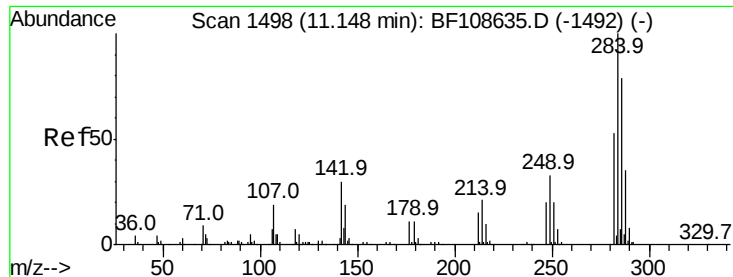
#66
4-Bromophenyl-phenylether
Concen: 44.446 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	139125		
250	99.4		76.9	115.3
141	77.8		74.4	111.6



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





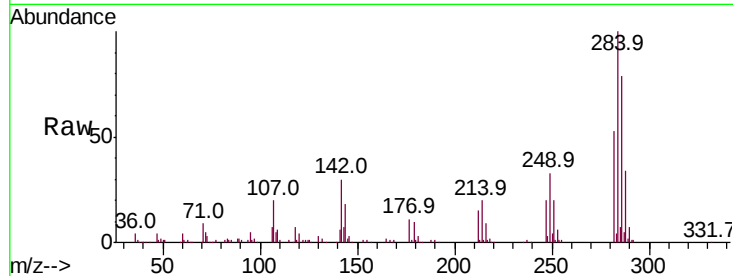
#67
Hexachlorobenzene
Concen: 43.786 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

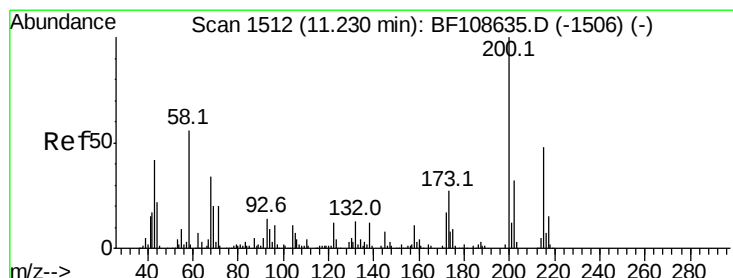
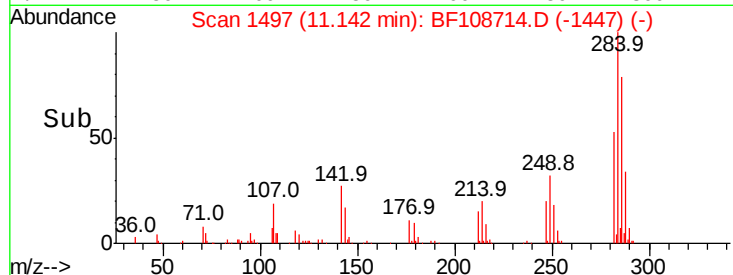
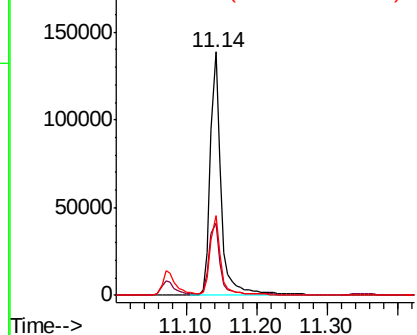
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.7	34.6	52.0#	
249	32.6	24.8	37.2	

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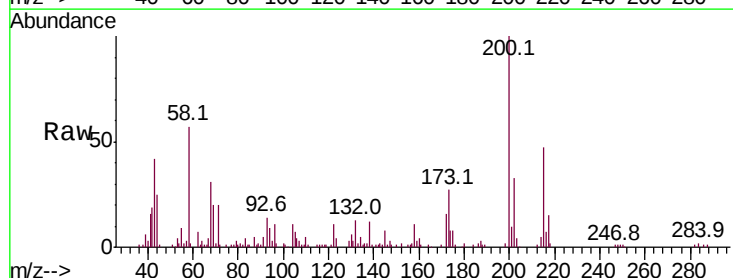


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

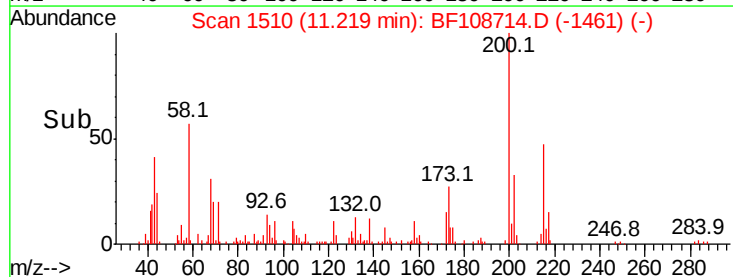
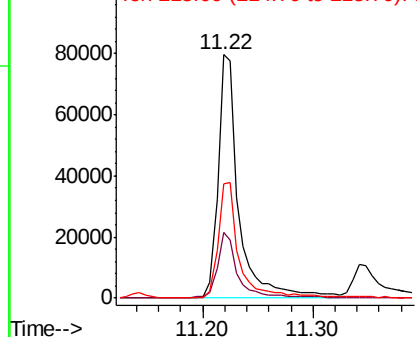


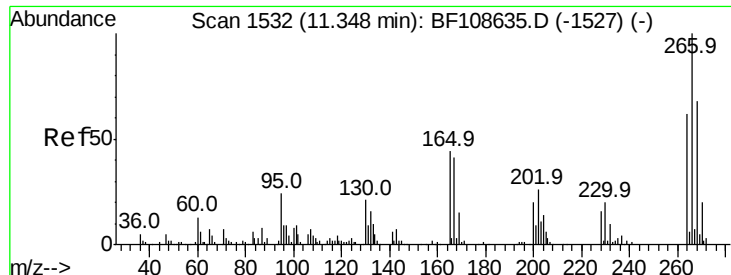
#68
Atrazine
Concen: 43.782 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	8.6	48.6	
215	46.7	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





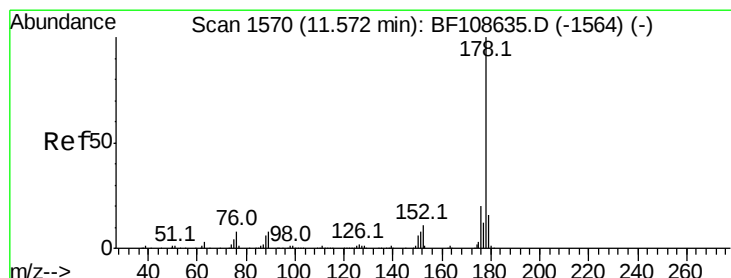
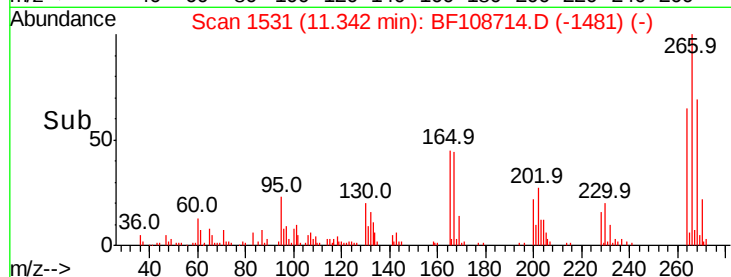
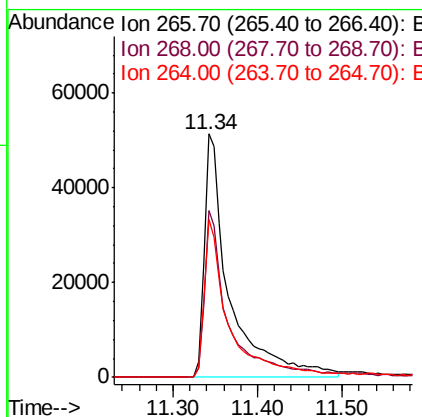
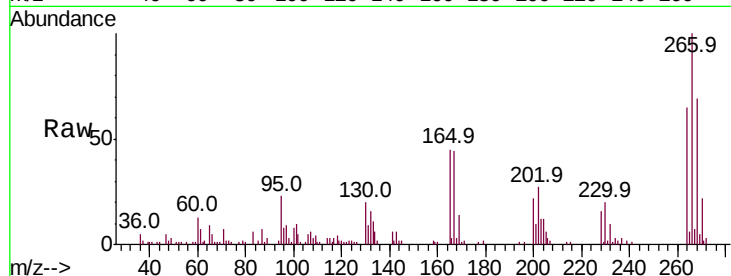
#69
 Pentachlorophenol
 Concen: 59.321 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	106300		
268	68.6	51.1	76.7	
264	64.6	49.5	74.3	

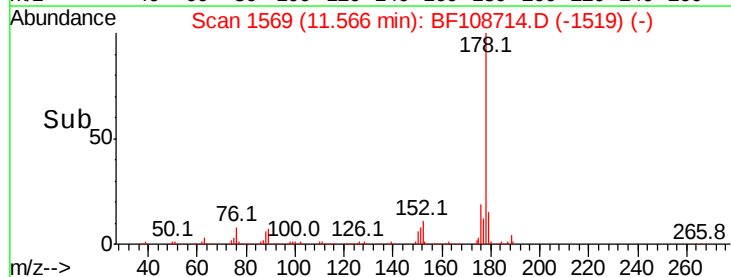
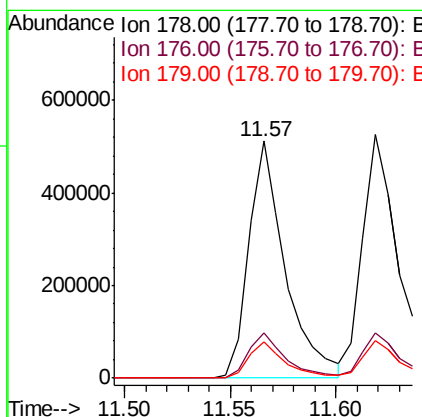
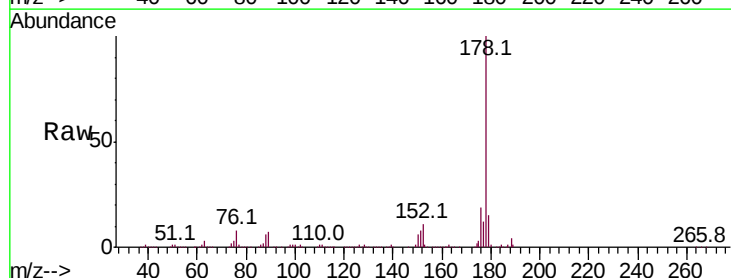
Manual Integrations
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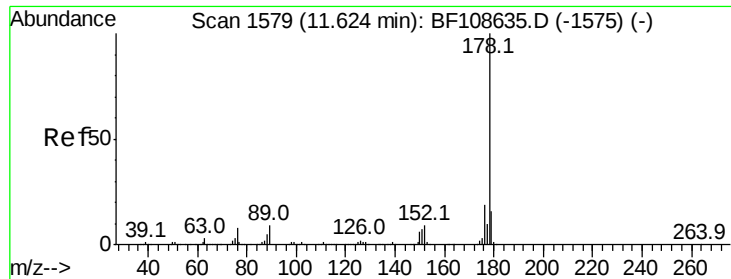
Sohil
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#70
 Phenanthrene
 Concen: 47.942 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	616310		
176	19.3	15.8	23.8	
179	15.4	13.0	19.6	





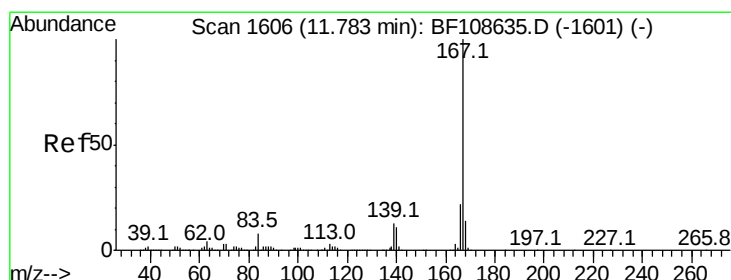
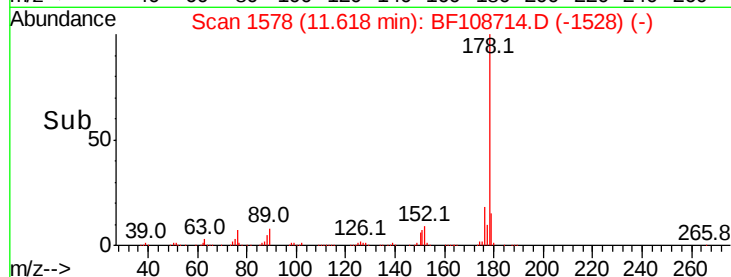
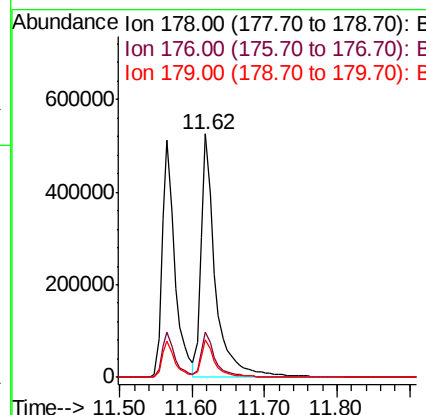
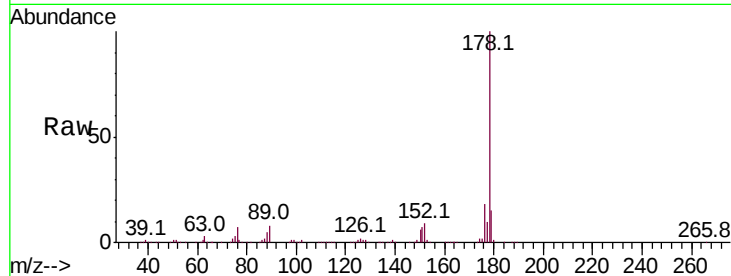
#71
 Anthracene
 Concen: 52.805 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0

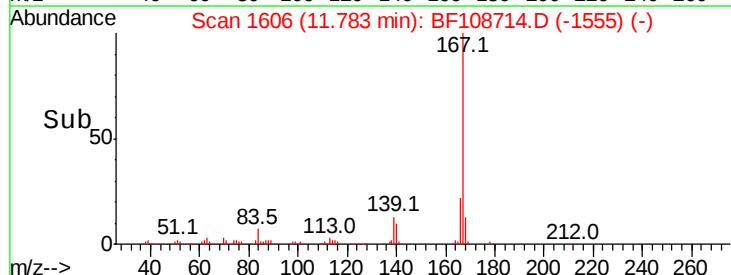
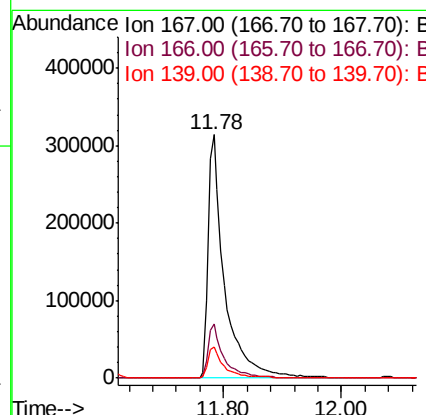
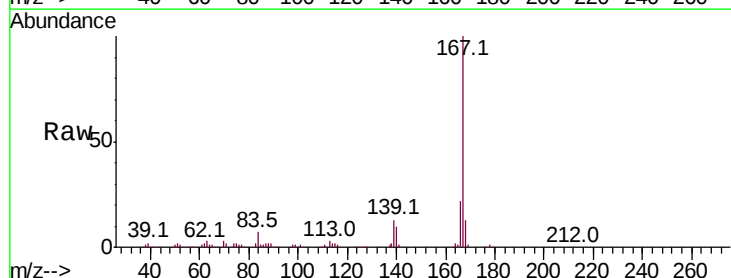
Manual Integrations
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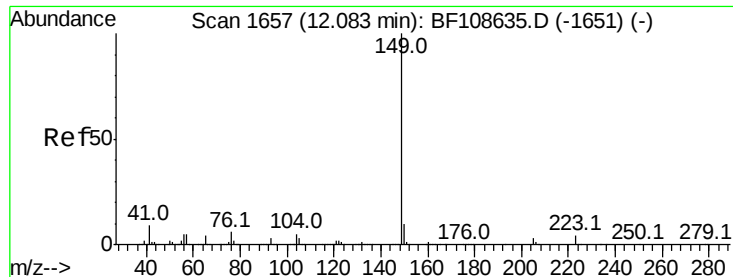
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#72
 Carbazole
 Concen: 46.442 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.8	10.9	16.3





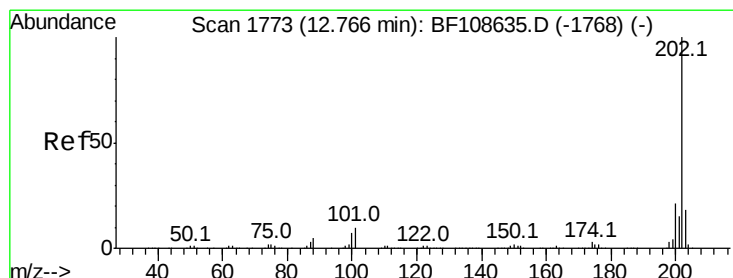
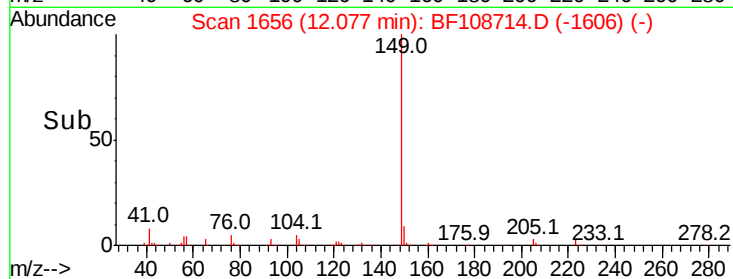
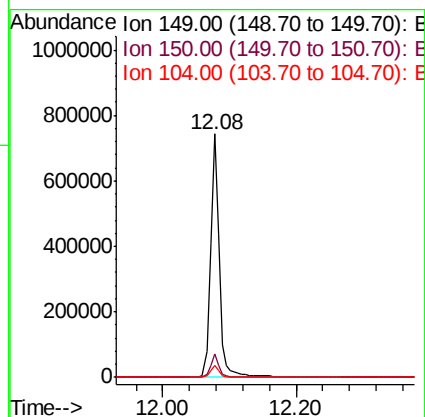
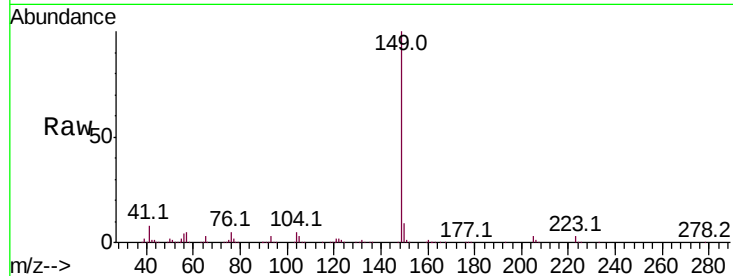
#73
Di-n-butylphthalate
Concen: 45.613 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion:	149	Resp:	685420
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

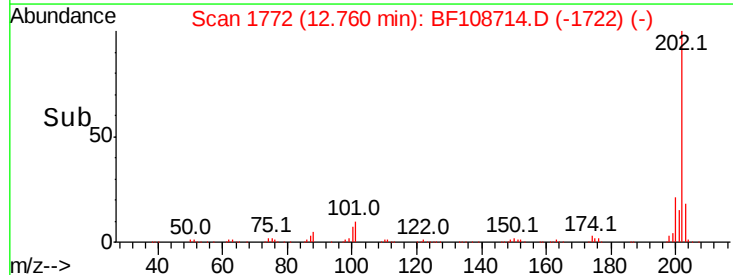
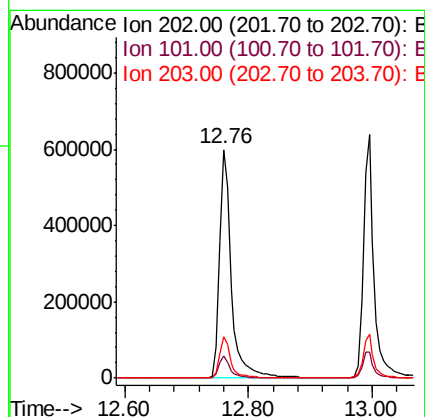
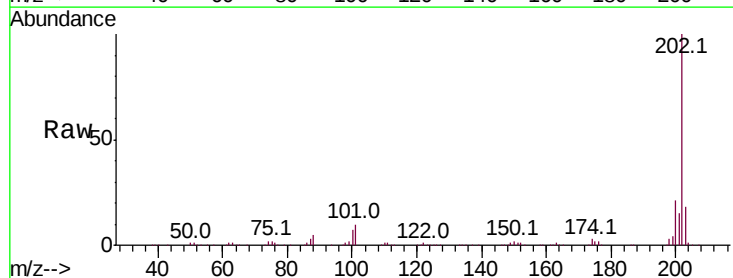
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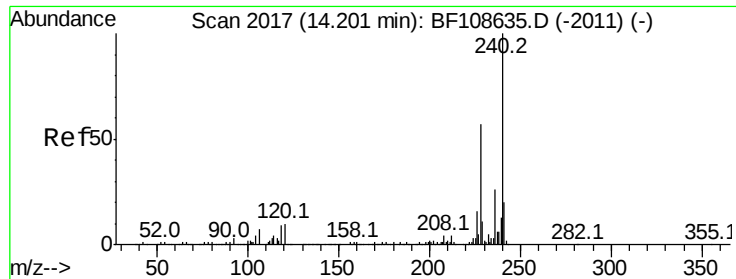
Sohil
9/4/2018 3:54:20 PM



#74
Fluoranthene
Concen: 54.297 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion:	202	Resp:	785688
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

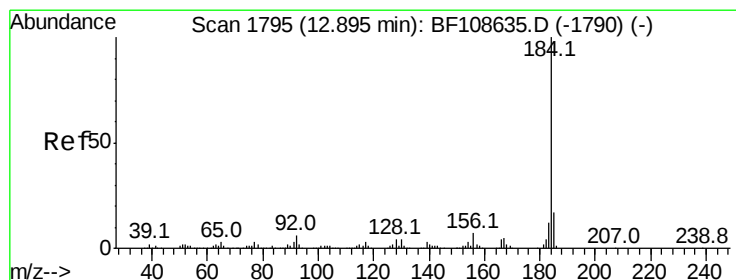
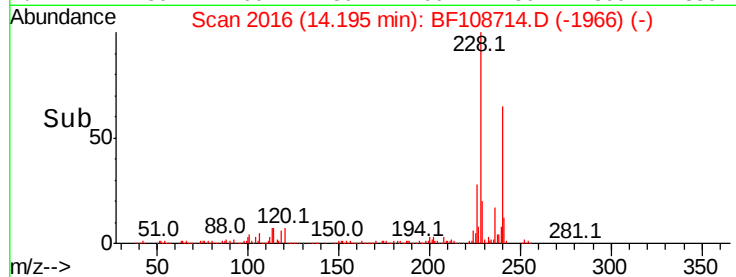
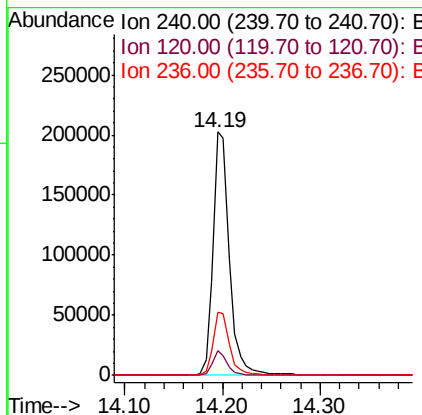
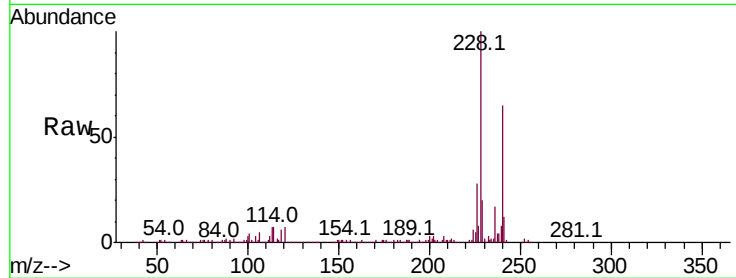
ClientSampleId :

PB112528BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	20.7	31.1

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Sohil
9/4/2018 3:54:20 PM



#76

Benzidine

Concen: 36.248 ng

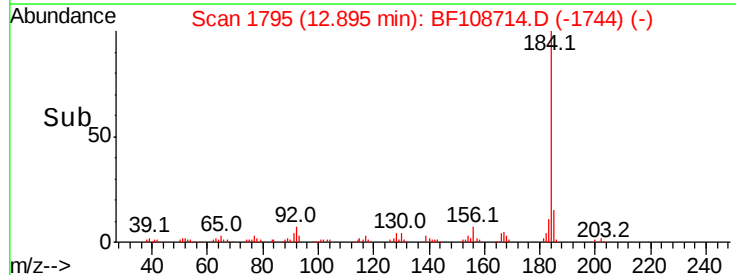
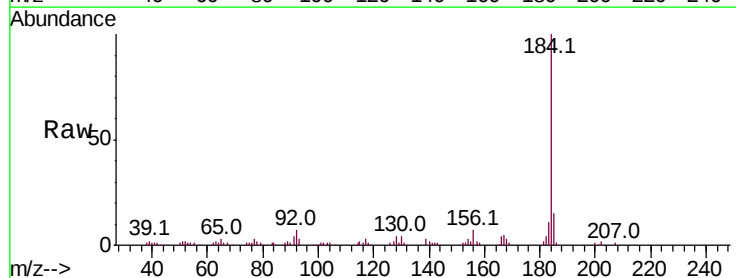
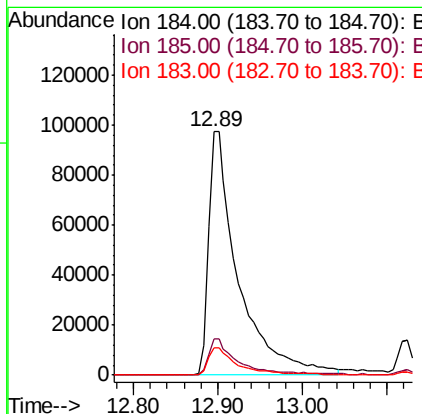
RT: 12.89 min Scan# 1795

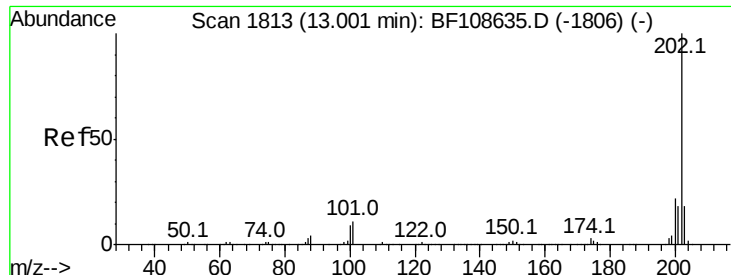
Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.2	9.3	13.9





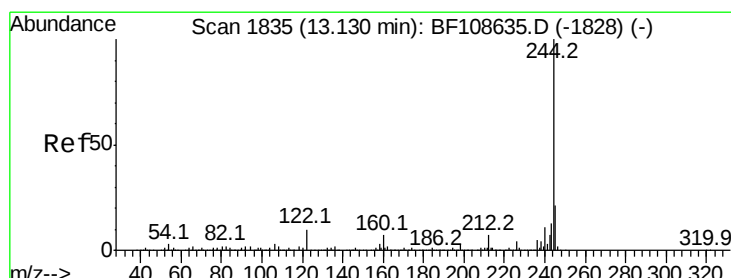
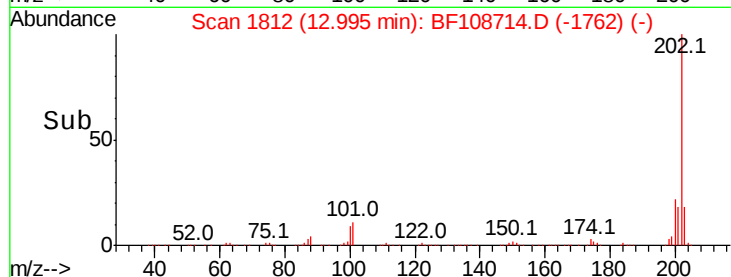
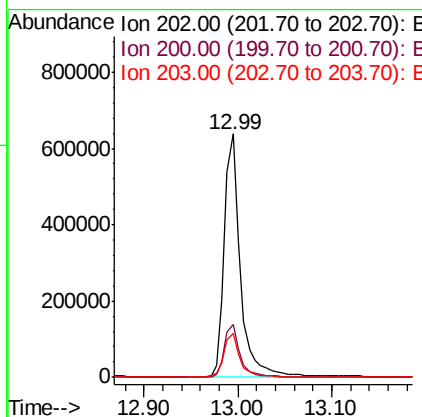
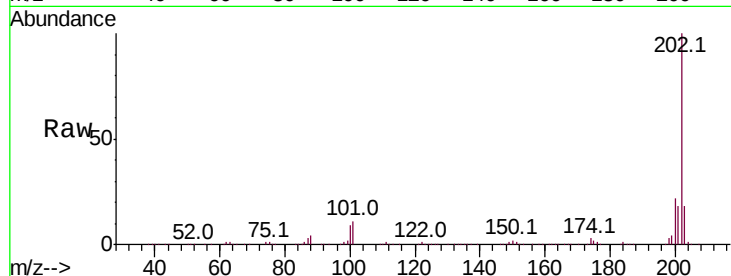
#77
Pvrene
Concen: 43.411 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.3	21.5

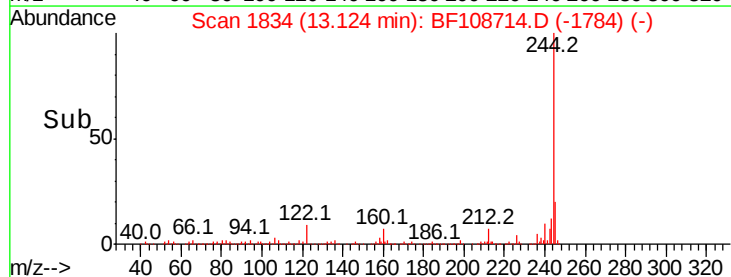
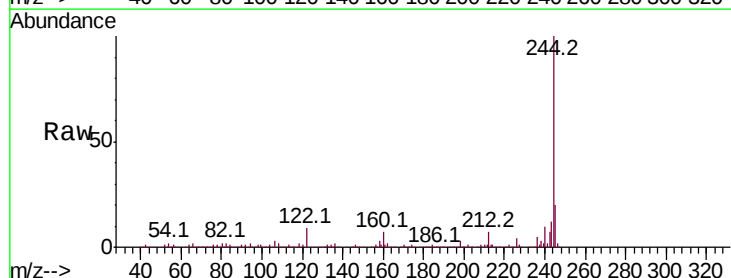
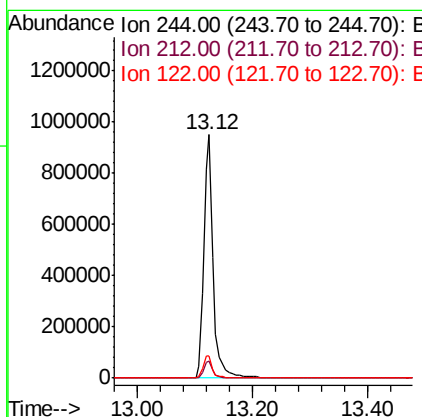
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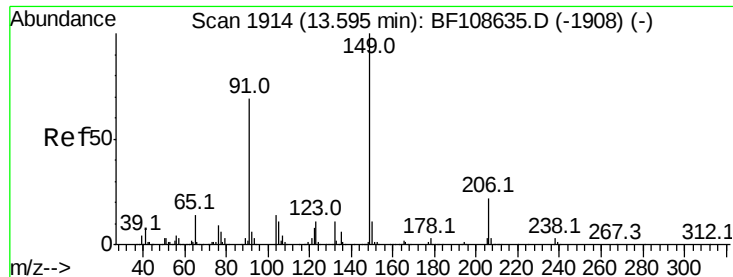
Sohil
9/4/2018 3:54:20 PM



#78
Terphenyl-d14
Concen: 90.212 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#





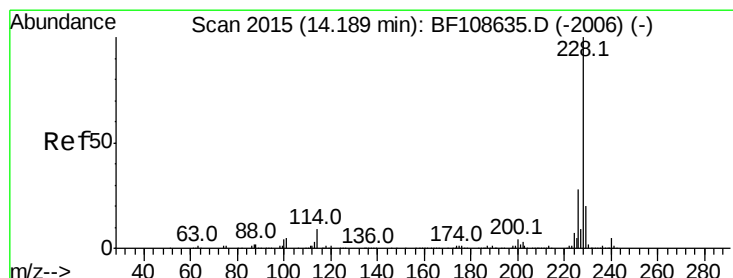
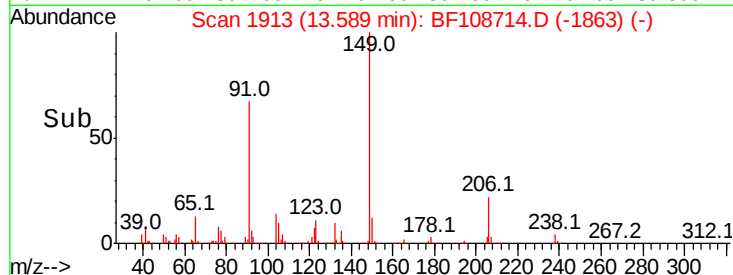
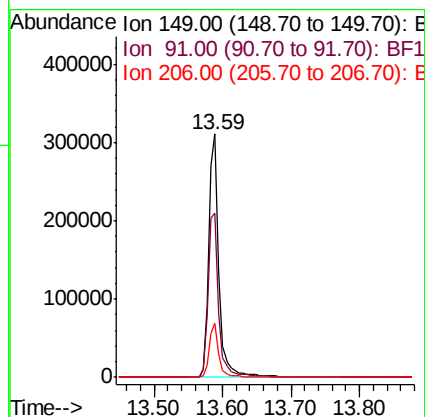
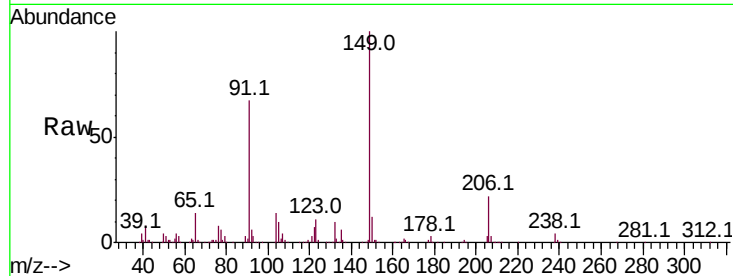
#79
Butylbenzylphthalate
Concen: 44.717 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	332039		
91	67.3	56.8	85.2	
206	22.1	14.1	21.1	

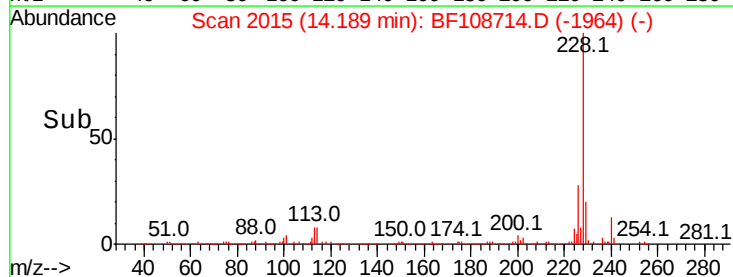
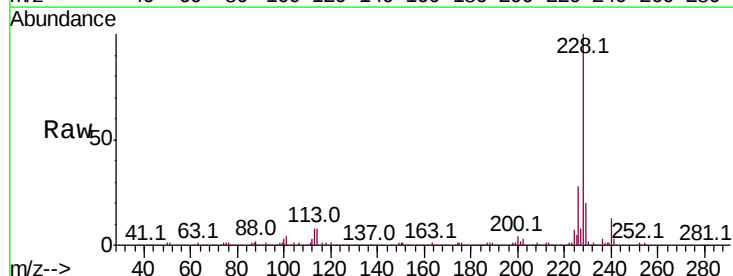
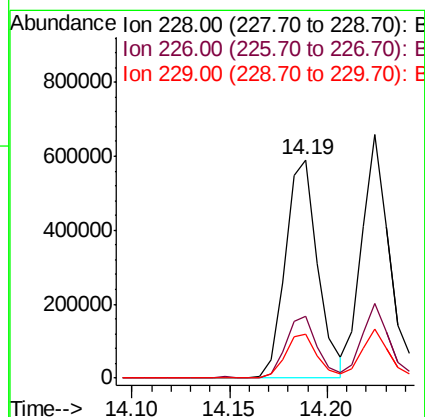
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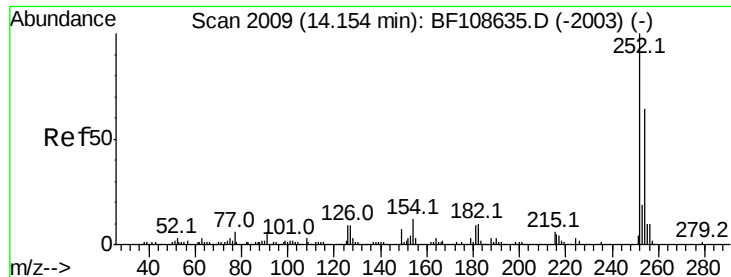
Sohil
9/4/2018 3:54:20 PM



#80
Benzo(a)anthracene
Concen: 47.503 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	680273		
226	28.2	22.6	33.8	
229	19.9	15.8	23.6	





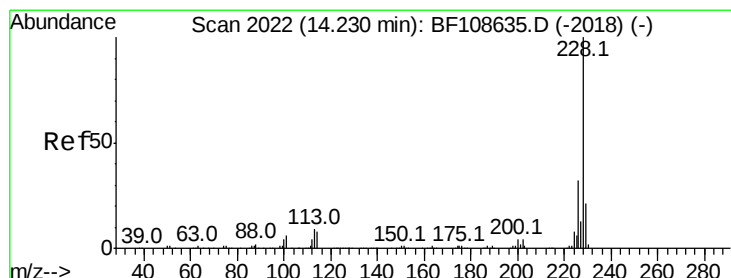
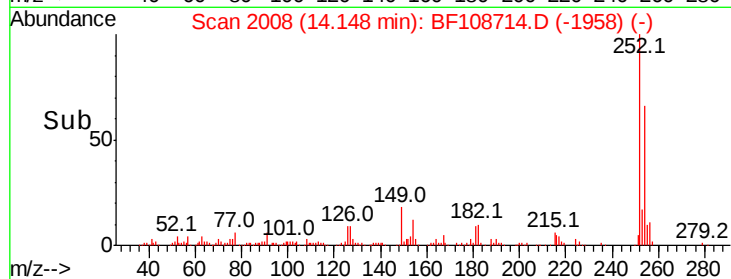
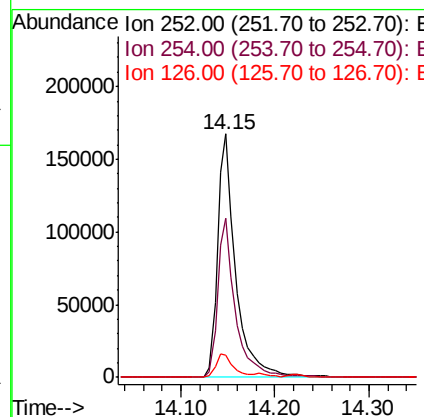
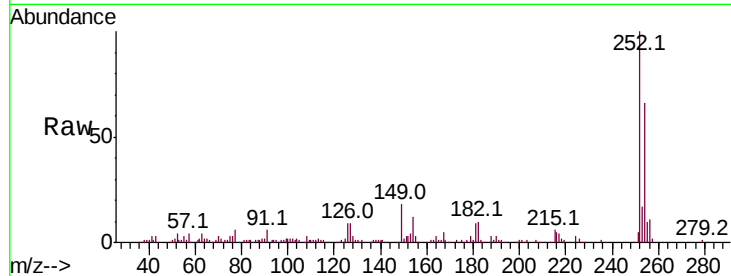
#81
 3,3'-Dichlorobenzidine
 Concen: 44.038 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	50.4	75.6
126	8.9	11.3	16.9

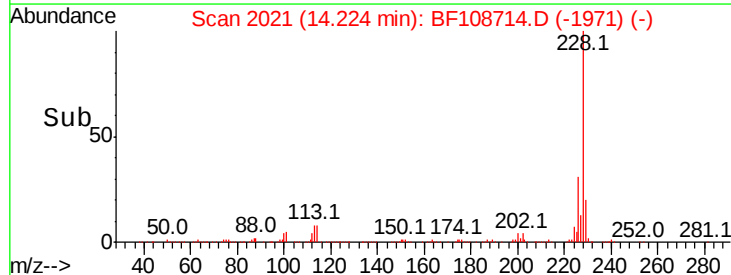
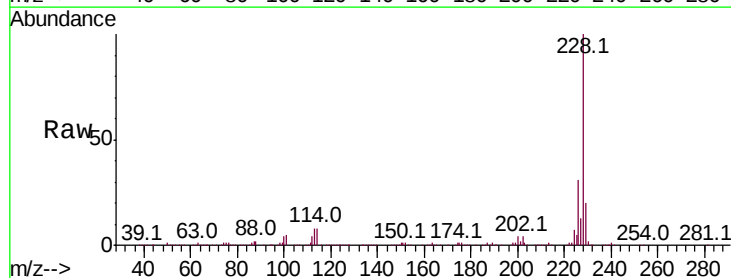
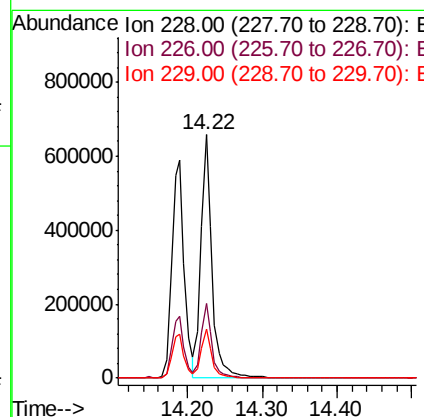
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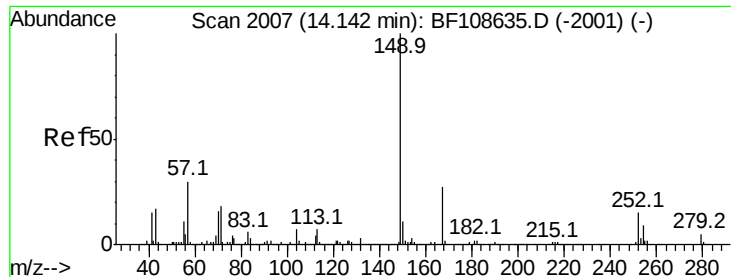
Sohil
 9/4/2018 3:54:20 PM



#82
 Chrysene
 Concen: 49.843 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.3	16.2	24.4





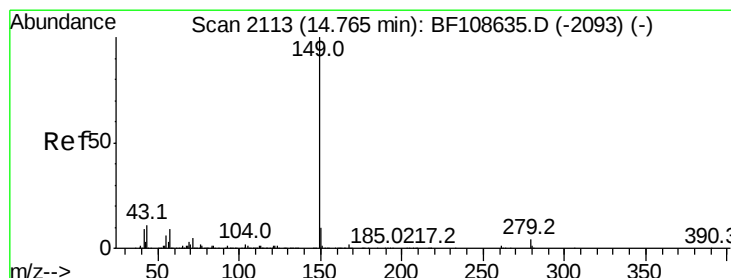
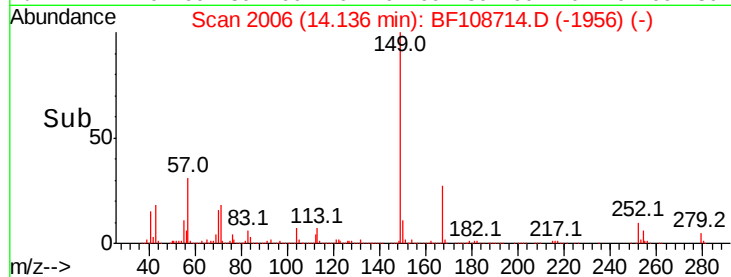
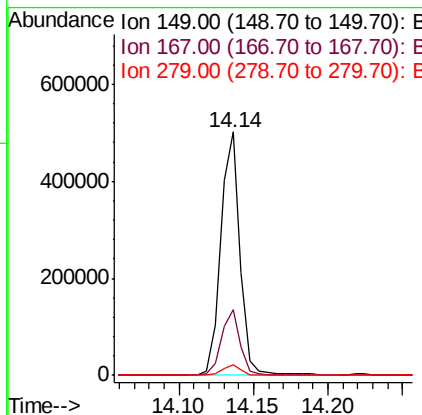
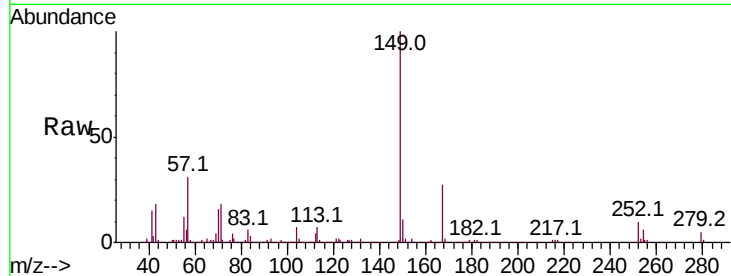
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.817 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.2	21.3	31.9	
279	4.5	3.0	4.4	

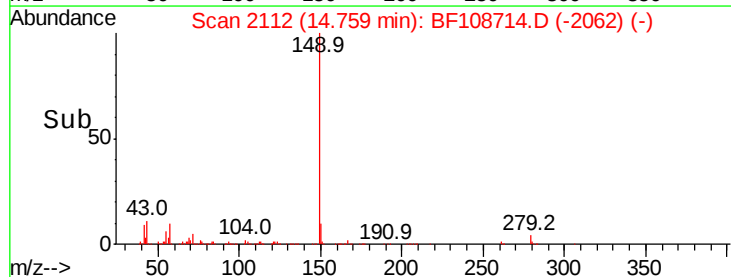
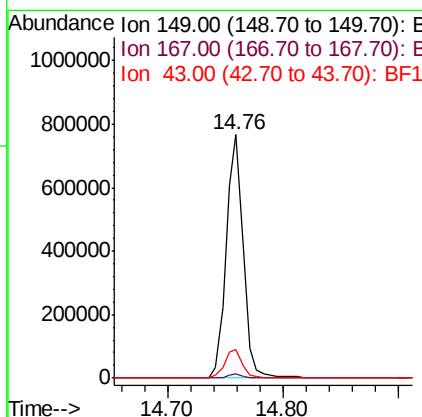
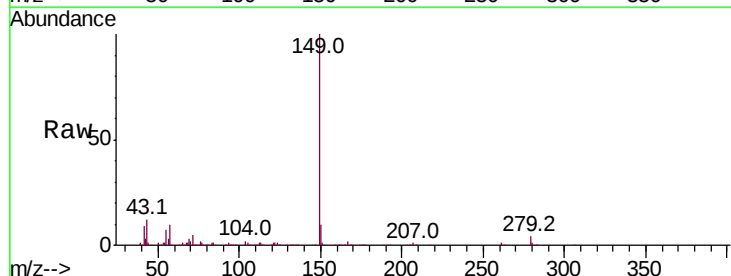
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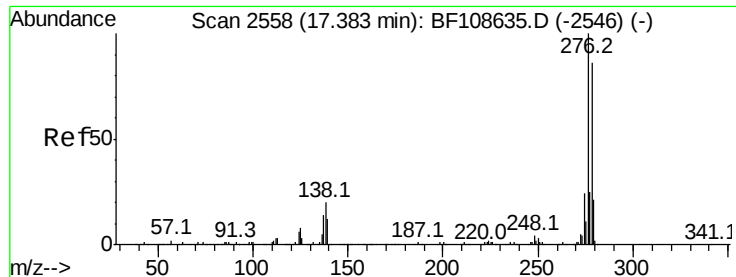
Sohil
 9/4/2018 3:54:20 PM



#84
 Di-n-octyl phthalate
 Concen: 55.541 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	12.3	8.4	12.6	





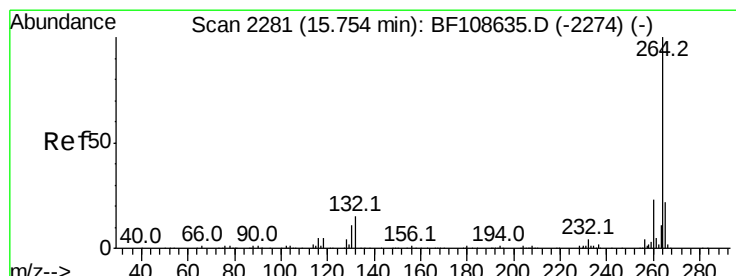
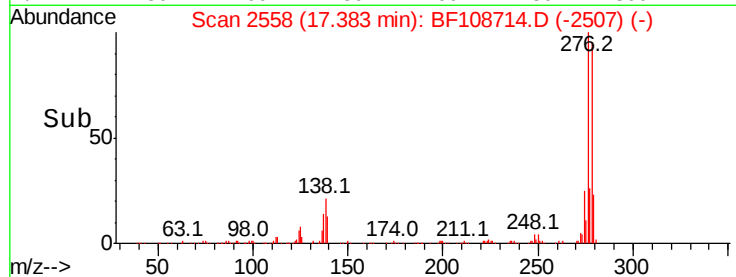
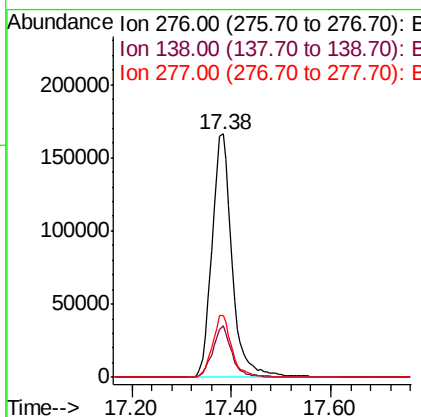
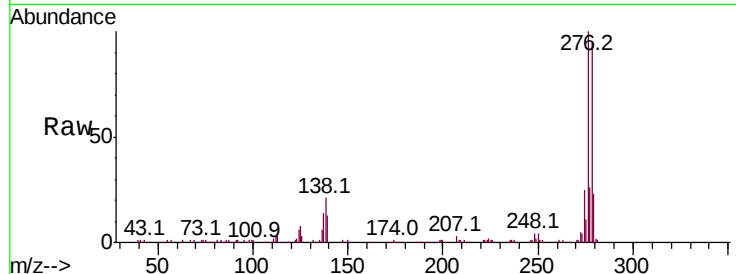
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.839 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.0	37.6#
277	24.7	20.1	30.1

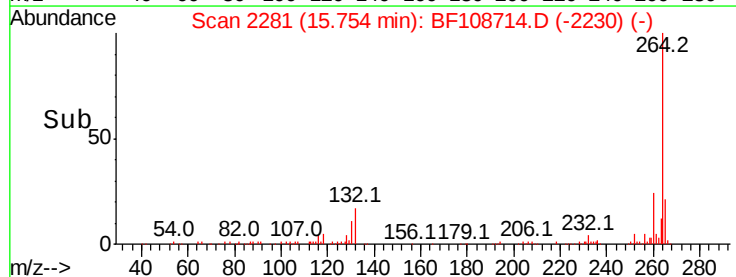
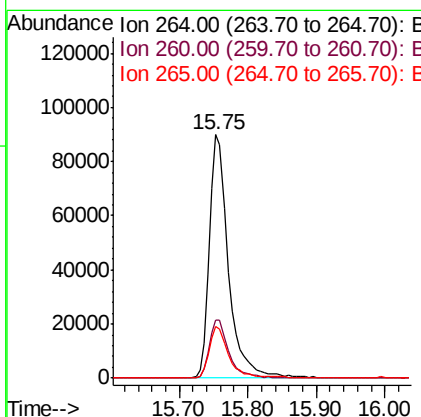
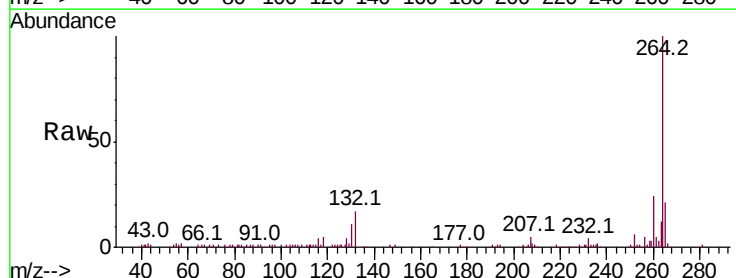
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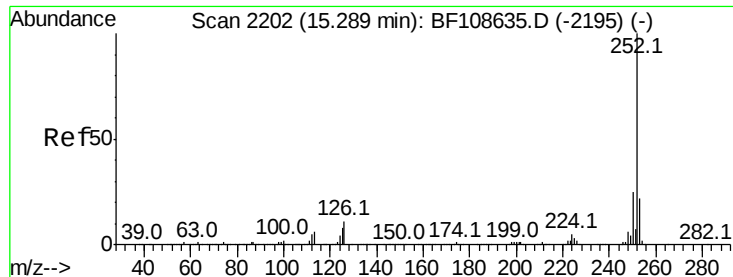
Sohil
9/4/2018 3:54:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.495 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Instrument :

BNA_F

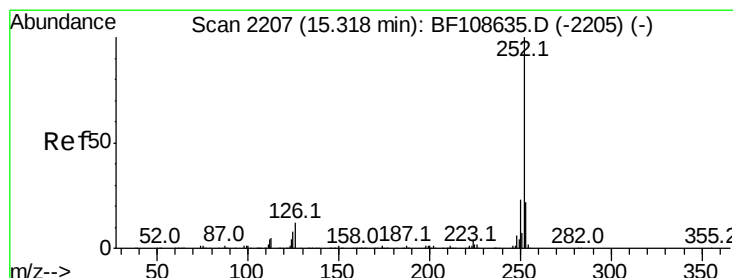
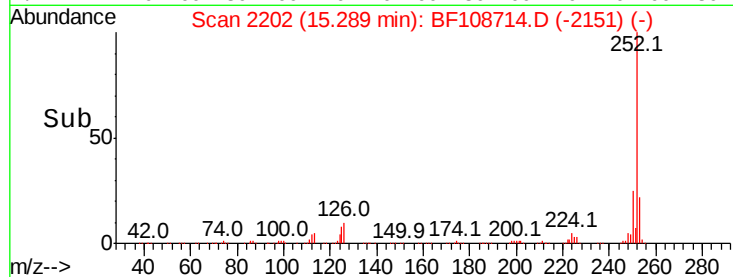
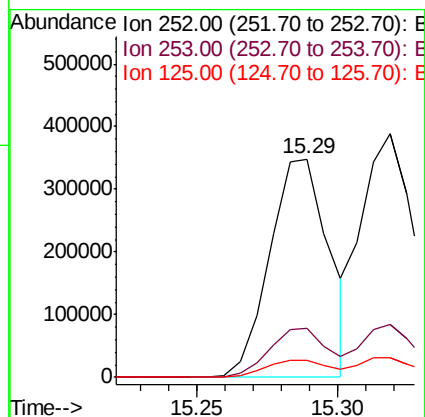
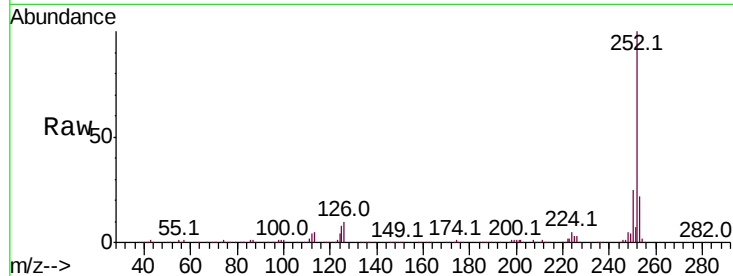
ClientSampleId :

PB112528BS

Tot Ion:	252	Resp:	507476
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	7.9	9.0	13.6#

Manual Integrations
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Sohil
9/4/2018 3:54:20 PM



#88

Benzo(k)fluoranthene

Concen: 54.648 ng

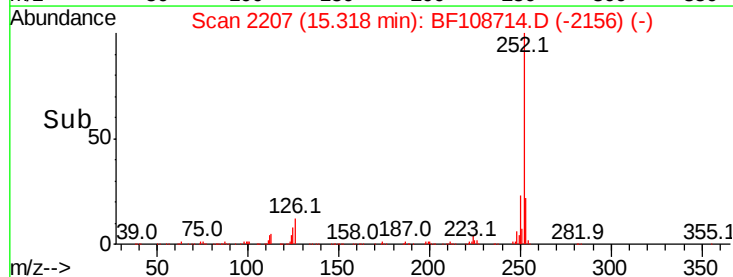
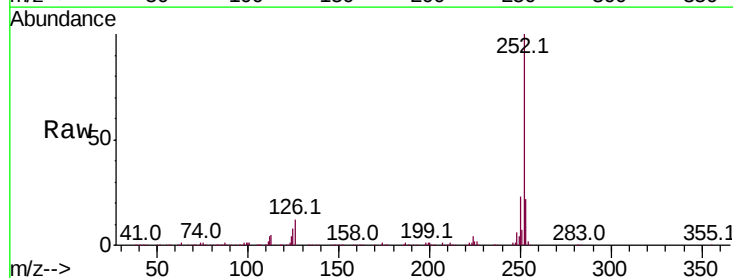
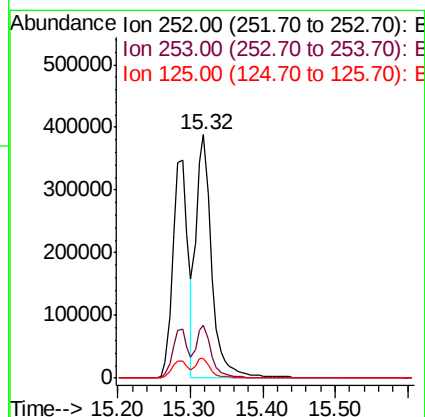
RT: 15.32 min Scan# 2207

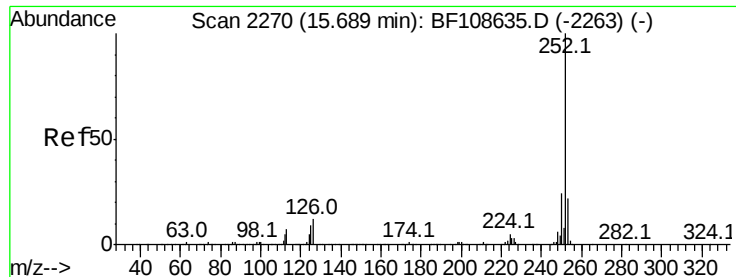
Delta R.T. -0.00 min

Lab File: BF108714.D

Acq: 1 Sep 2018 3:20

Tgt Ion:	252	Resp:	578424
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	7.8	10.2	15.2#





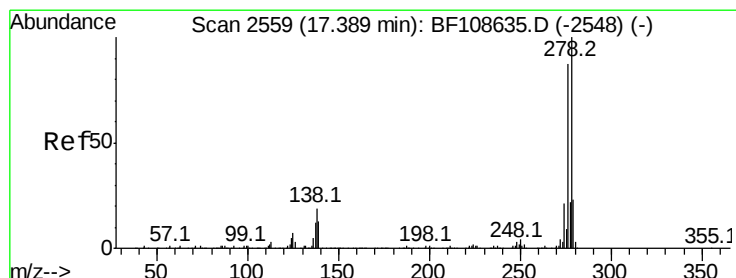
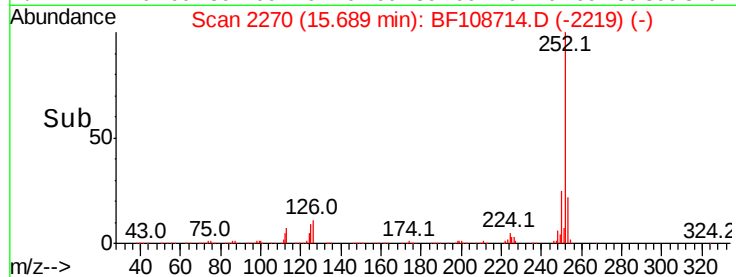
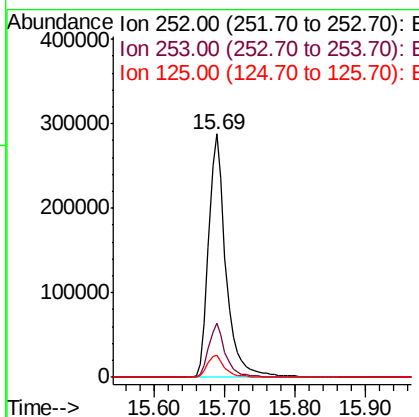
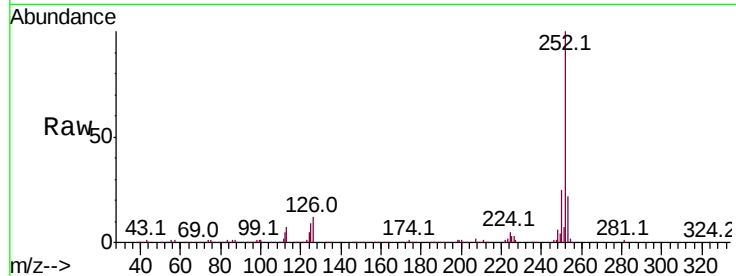
#89
Benzo(a)pyrene
Concen: 51.061 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.0	9.8	14.6

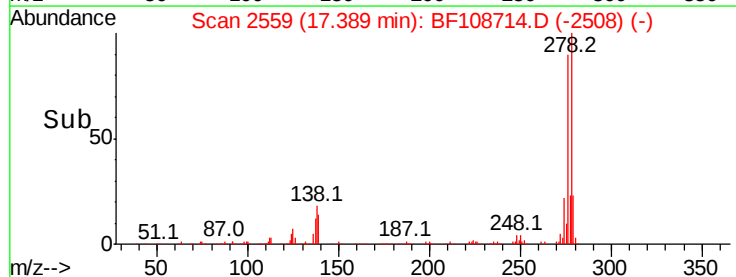
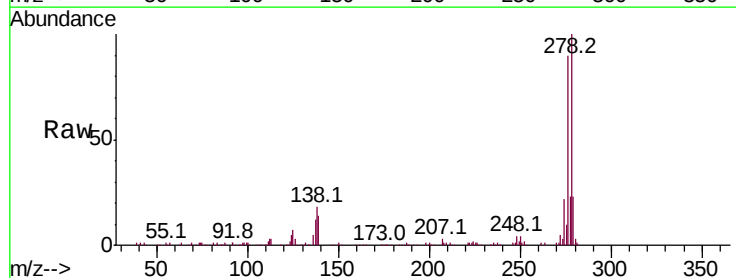
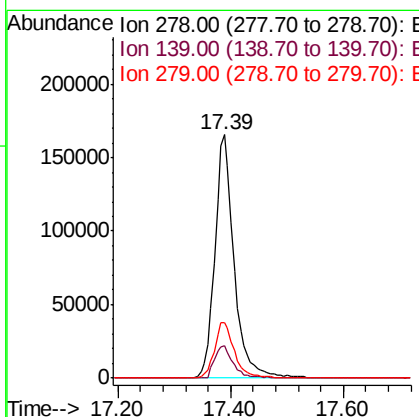
Manual Integrations
APPROVED

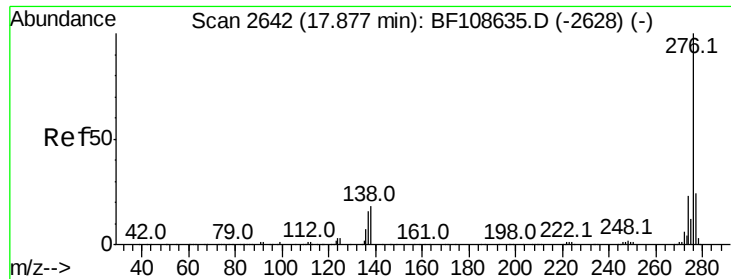
Sohil
9/4/2018 3:54:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.947 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108714.D
Acq: 1 Sep 2018 3:20

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.6	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.837 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BF108714.D
 Acq: 1 Sep 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 PB112528BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	17.9	26.9
138	17.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:54:20 PM

