

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112579.D
 Acq On : 15 Feb 2019 15:27
 Operator : JU/SJ
 Sample : PB117127BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BS

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:06:28 PM

Quant Time: Feb 15 23:44:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107615	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	440777	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	222343	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	430620	20.00	ng	0.00
76) Chrysene-d12	14.02	240	328303	20.00	ng	0.01
87) Perylene-d12	15.50	264	232817	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	860395	169.82	ng	0.00
7) Phenol-d6	6.49	99	1086829	154.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	602232	78.73	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	377562	145.89	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1276365	81.19	ng	-0.01
79) Terphenyl-d14	12.95	244	1498693	85.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	91204	45.189	ng	97
3) Pyridine	3.46	79	232886	45.362	ng	97
4) n-Nitrosodimethylamine	3.40	42	120479	55.856	ng	# 86
6) Aniline	6.50	93	267461	31.937	ng	# 50
8) 2-Chlorophenol	6.63	128	304303	44.647	ng	98
9) Benzaldehyde	6.39	77	119758	32.546	ng	98
10) Phenol	6.50	94	345143	44.686	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	261808	43.055	ng	99
12) 1,3-Dichlorobenzene	6.77	146	320171	40.336	ng	99
13) 1,4-Dichlorobenzene	6.85	146	333926	40.877	ng	99
14) 1,2-Dichlorobenzene	7.00	146	313807	41.029	ng	96
15) Benzyl Alcohol	6.99	79	253872	42.778	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	319030	40.862	ng	# 11
17) 2-Methylphenol	7.10	107	239723	44.369	ng	# 86
18) Hexachloroethane	7.34	117	120142	41.881	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	207869	42.820	ng	99
20) 3+4-Methylphenols	7.26	107	315208	45.622	ng	# 67
22) Acetophenone	7.25	105	424393	39.541	ng	# 94
24) Nitrobenzene	7.42	77	313236	41.000	ng	97
25) Isophorone	7.66	82	551419	45.948	ng	99
26) 2-Nitrophenol	7.74	139	167852	41.111	ng	94
27) 2,4-Dimethylphenol	7.78	122	265312	47.165	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	347926	42.578	ng	98
29) 2,4-Dichlorophenol	7.99	162	268724	42.688	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	287662	39.755	ng	96
31) Naphthalene	8.14	128	901366	43.729	ng	98
32) Benzoic acid	7.94	122	141199	44.005	ng	98
33) 4-Chloroaniline	8.19	127	206080	22.961	ng	99
34) Hexachlorobutadiene	8.25	225	163154	38.424	ng	99
35) Caprolactam	8.57	113	78288m	35.253	ng	
36) 4-Chloro-3-methylphenol	8.69	107	278438	41.782	ng	95
37) 2-Methylnaphthalene	8.83	142	642110	45.504	ng	98
38) 1-Methylnaphthalene	8.93	142	604064	44.662	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	290370	39.775	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	150912	57.569	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	184514	41.003	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	186724	39.703	nq	96
46) 1,1'-Biphenyl	9.30	154	786928	40.484	nq	98
47) 2-Chloronaphthalene	9.33	162	595324	39.495	nq	98
48) 2-Nitroaniline	9.43	65	164588	40.061	nq	95
49) Acenaphthylene	9.74	152	958830	43.399	nq	99
50) Dimethylphthalate	9.59	163	702823	40.685	nq	99
51) 2,6-Dinitrotoluene	9.67	165	159433	41.209	nq	89
52) Acenaphthene	9.91	154	551898	41.817	nq	98
53) 3-Nitroaniline	9.84	138	109538	26.133	nq	91
54) 2,4-Dinitrophenol	9.97	184	107782	86.806	nq	94
55) Dibenzofuran	10.09	168	819852	40.650	nq	93
56) 4-Nitrophenol	10.03	139	128138	57.824	nq	92
57) 2,4-Dinitrotoluene	10.09	165	204131	41.444	nq	# 76
58) Fluorene	10.43	166	682050	45.191	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	159143	44.777	nq	98
60) Diethylphthalate	10.29	149	727617	42.443	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	329410	40.123	nq	95
62) 4-Nitroaniline	10.46	138	143274	34.849	nq	93
63) Azobenzene	10.57	77	637569	42.287	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	85456	35.395	nq	93
66) n-Nitrosodiphenylamine	10.54	169	591260	40.740	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	201365	39.758	nq	99
68) Hexachlorobenzene	10.99	284	217828	40.087	nq	97
69) Atrazine	11.06	200	192804	41.172	nq	97
70) Pentachlorophenol	11.19	266	135973	64.310	nq	99
71) Phenanthrene	11.39	178	962808	43.007	nq	98
72) Anthracene	11.44	178	991173	44.446	nq	99
73) Carbazole	11.60	167	854851	38.861	nq	99
74) Di-n-butylphthalate	11.92	149	1156460	42.354	nq	99
75) Fluoranthene	12.59	202	971008	40.439	nq	100
77) Benzidine	12.70	184	321382	35.567	nq	97
78) Pyrene	12.82	202	978792	43.062	nq	99
80) Butylbenzylphthalate	13.42	149	480964	43.736	nq	95
81) Benzo(a)anthracene	14.01	228	815194	42.239	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	196255	27.172	nq	98
83) Chrysene	14.05	228	771041	41.854	nq	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	664872	42.592	nq	# 96
85) Di-n-octyl phthalate	14.58	149	1063747	44.292	nq	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	564615	38.679	nq	96
88) Benzo(b)fluoranthene	15.07	252	655464	47.076	nq	99
89) Benzo(k)fluoranthene	15.10	252	655047	49.116	nq	98
90) Benzo(a)pyrene	15.44	252	605385	48.321	nq	100
91) Dibenzo(a,h)anthracene	17.01	278	479353	47.474	nq	98
92) Benzo(g,h,i)perylene	17.46	276	459463	48.232	nq	96

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



#1

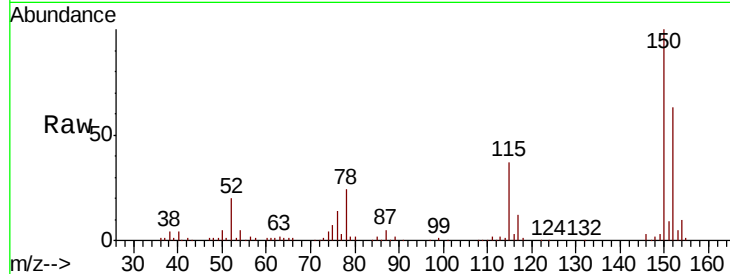
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.0
115	59.5	45.5	68.3

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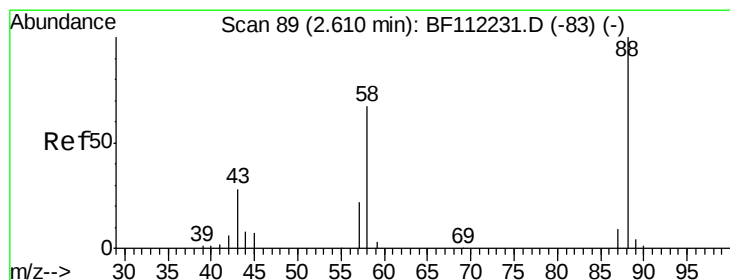
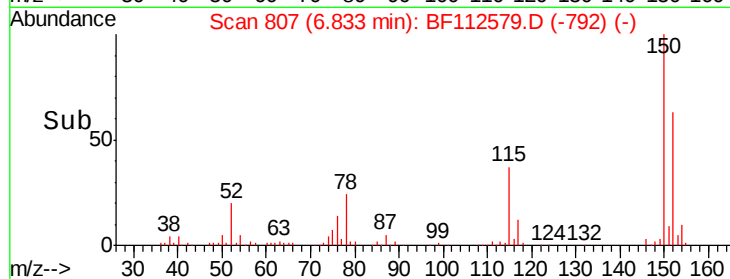
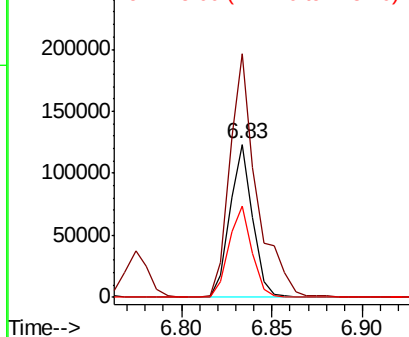


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

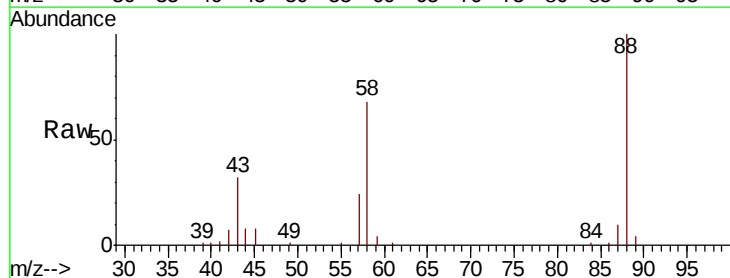
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.189 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	57.4	86.2
43	30.8	22.2	33.4

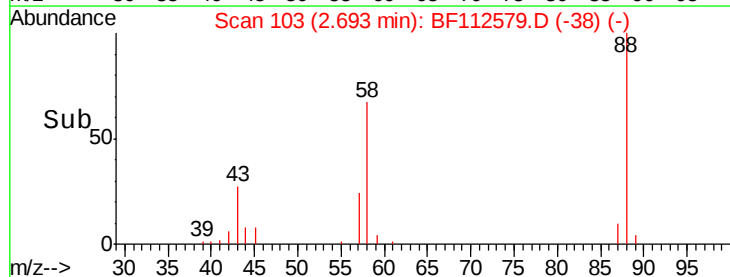
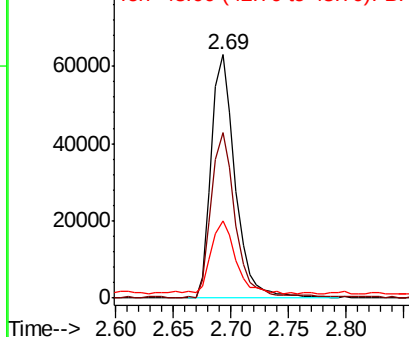


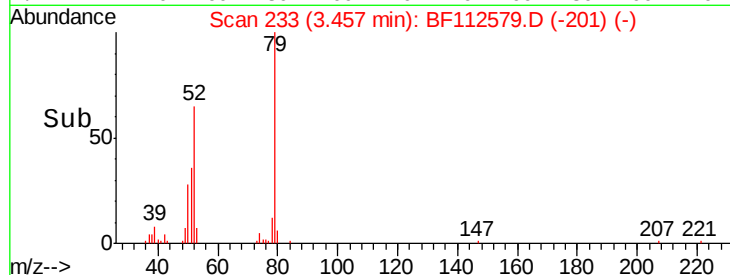
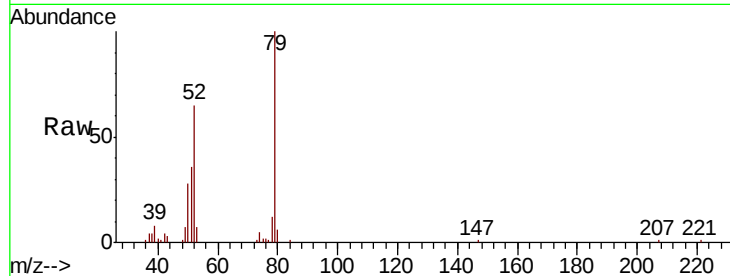
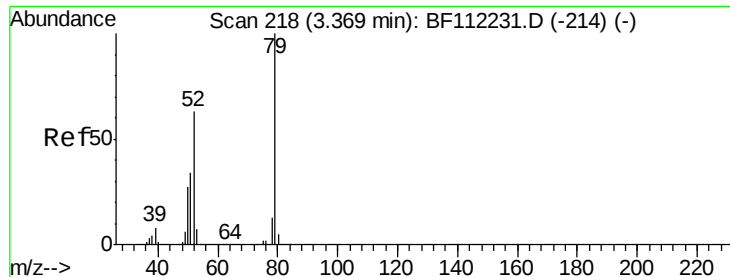
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





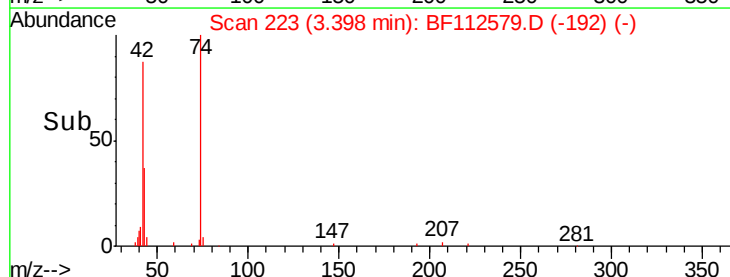
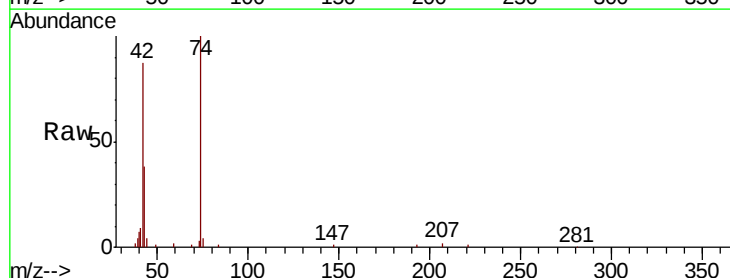
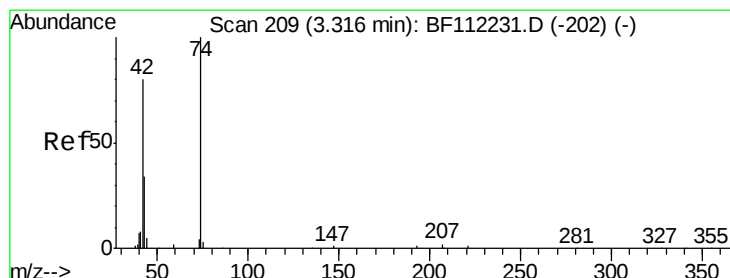
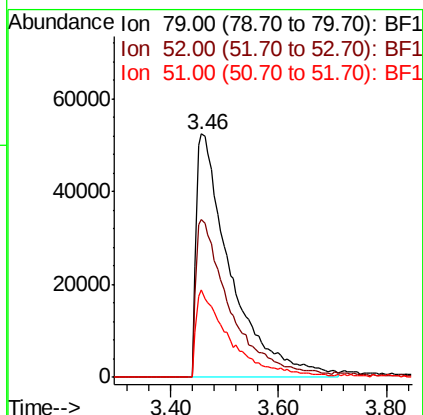
#3
Pvridine
Concen: 45.362 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100	232886		
52	64.8		52.4	78.6
51	35.8		26.1	39.1

Instrument :
BNA_F
ClientSampleId :
PB117127BS

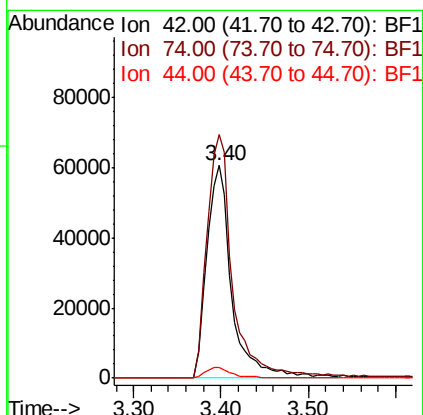
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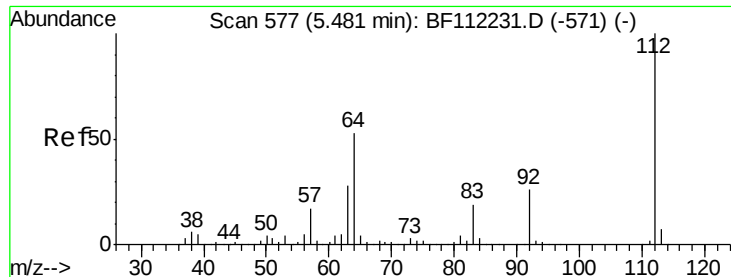
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#4
n-Nitrosodimethylamine
Concen: 55.856 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.08 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	120479		
74	114.5		105.6	158.4
44	5.1		5.4	8.2#





#5

2-Fluorophenol

Concen: 169.822 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

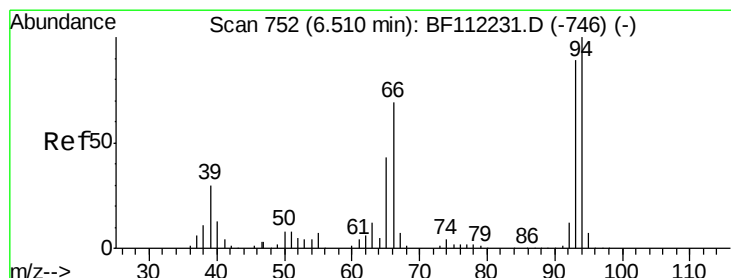
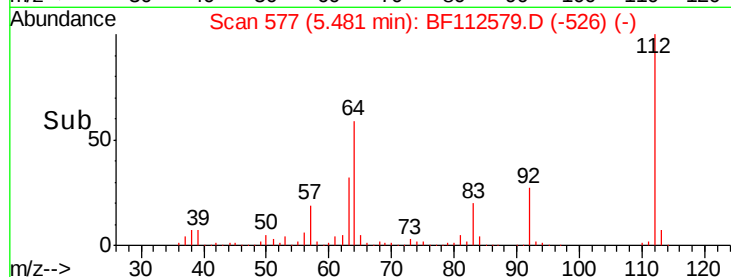
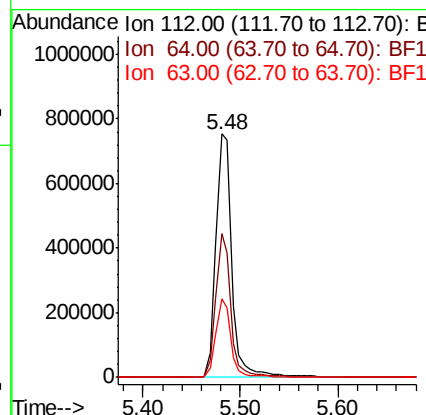
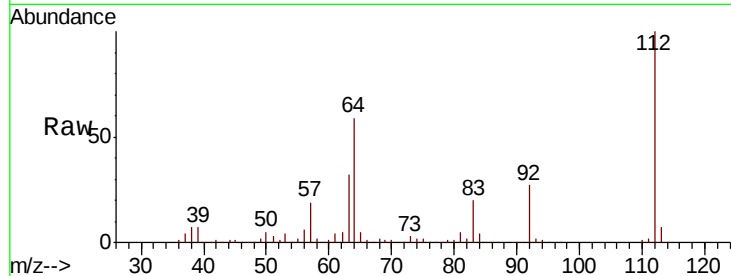
ClientSampled :

PB117127BS

Tot Ion:	112	Resp:	860395
Ion Ratio	Lower	Upper	
112	100		
64	59.0	45.7	68.5
63	32.2	23.6	35.4

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#6

Aniline

Concen: 31.937 ng

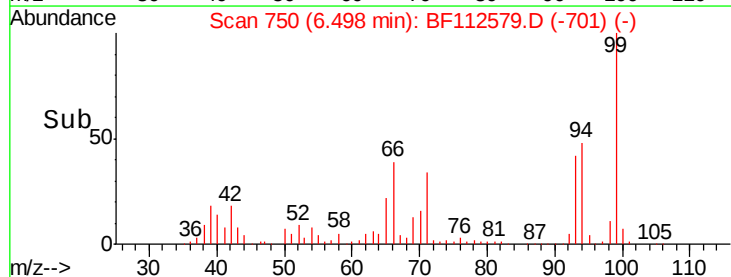
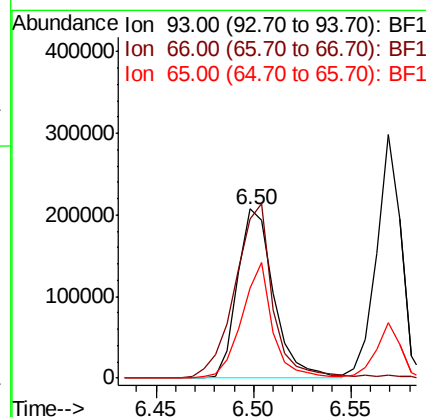
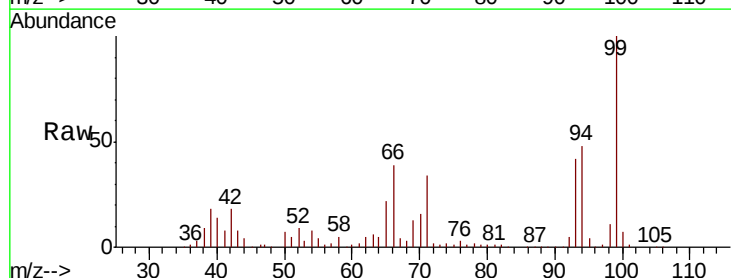
RT: 6.50 min Scan# 750

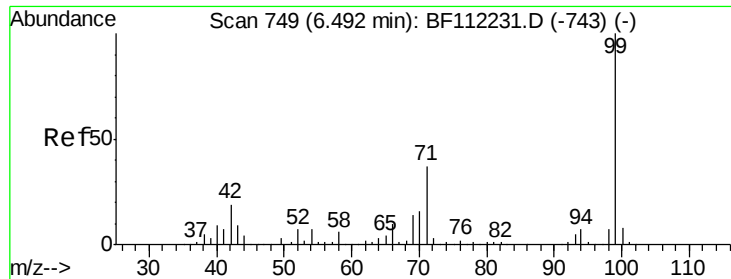
Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	93	Resp:	267461
Ion Ratio	Lower	Upper	
93	100		
66	94.0	43.4	65.2#
65	53.7	25.3	37.9#





#7

Phenol-d6

Concen: 154.377 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB117127BS

Tot Ion: 99 Resp: 1086829

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

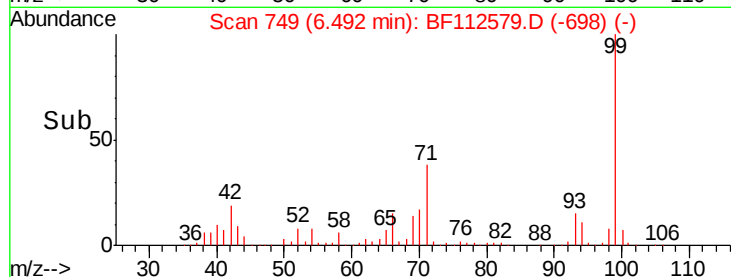
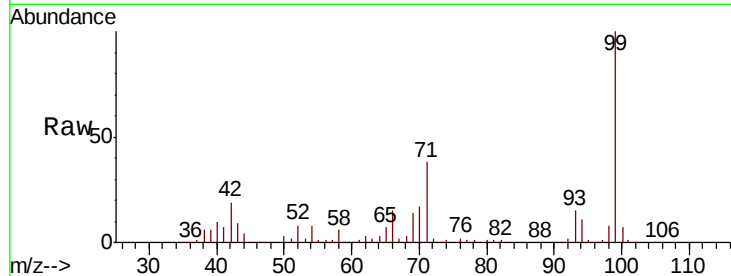
71 37.5 26.9 40.3

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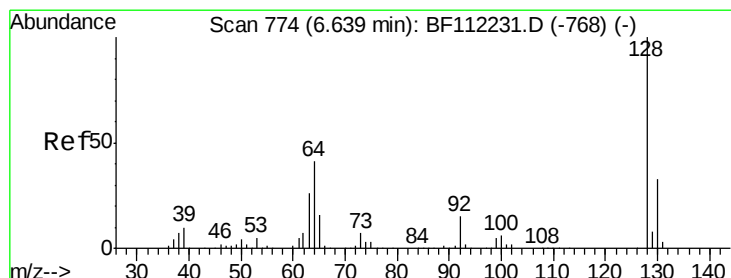
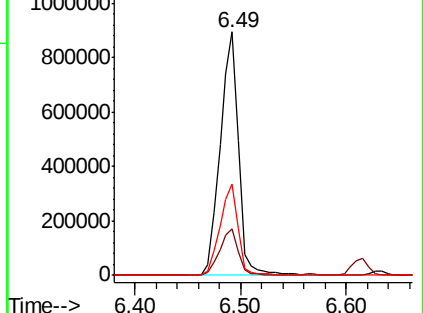
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.647 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

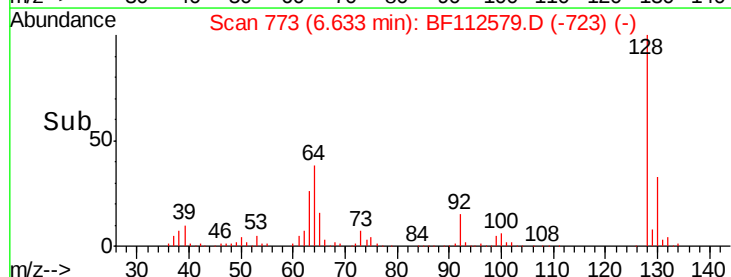
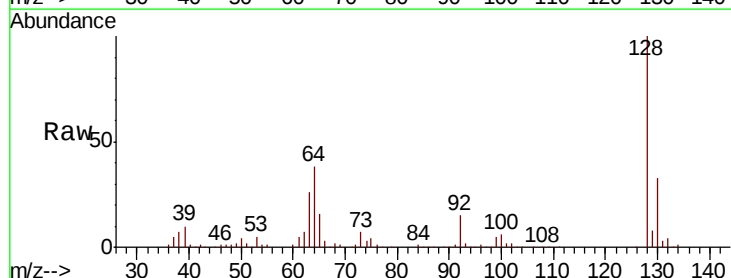
Tgt Ion: 128 Resp: 304303

Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

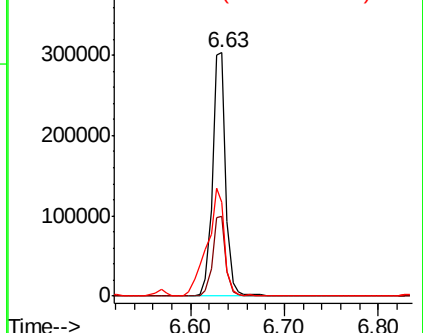
64 38.4 20.5 60.5

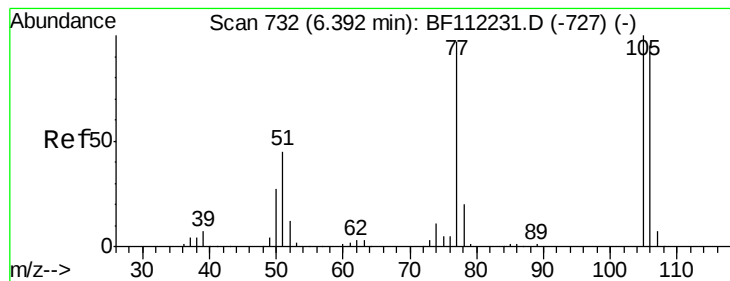


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.546 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB117127BS

Tot Ion: 77 Resp: 119758

Ion Ratio Lower Upper

77 100

105 100.5 80.8 120.8

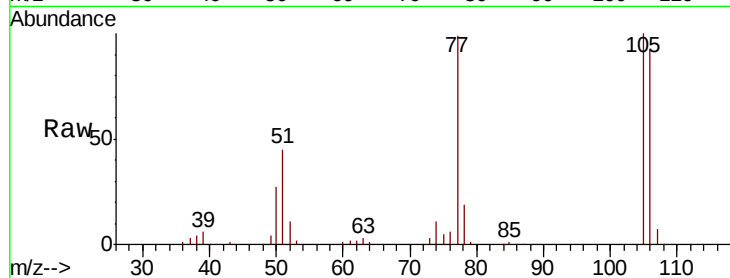
106 92.7 75.7 115.7

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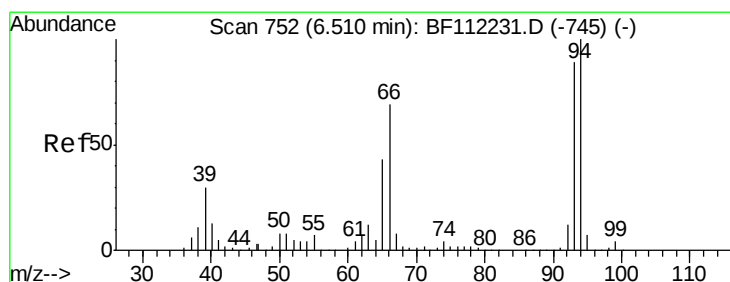
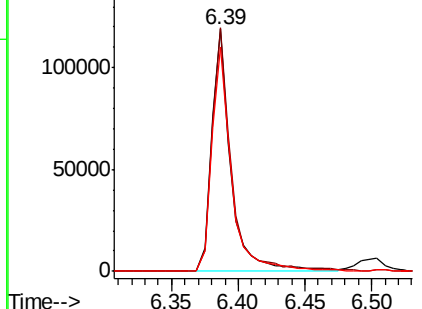
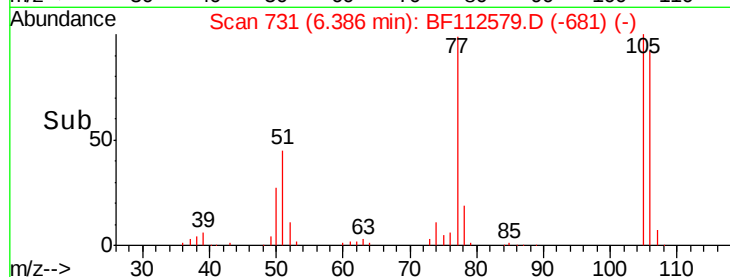
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.686 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

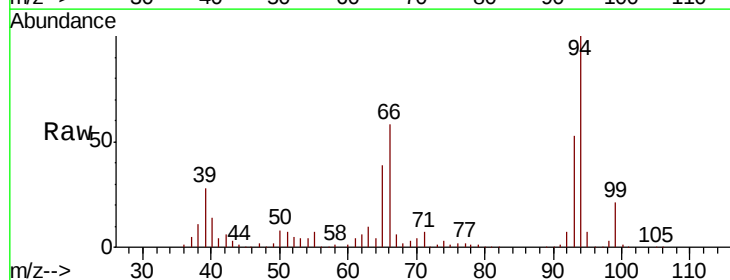
Tgt Ion: 94 Resp: 345143

Ion Ratio Lower Upper

94 100

65 38.7 20.3 60.3

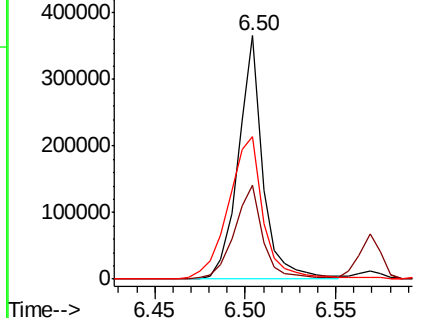
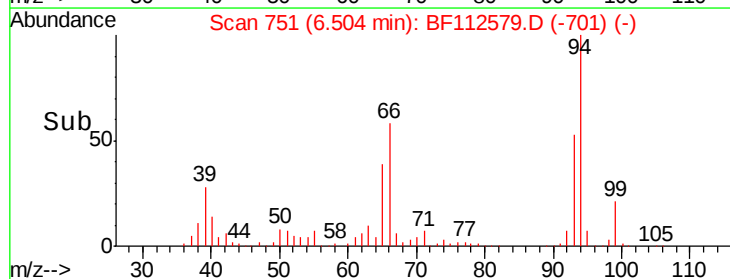
66 58.3 42.4 82.4

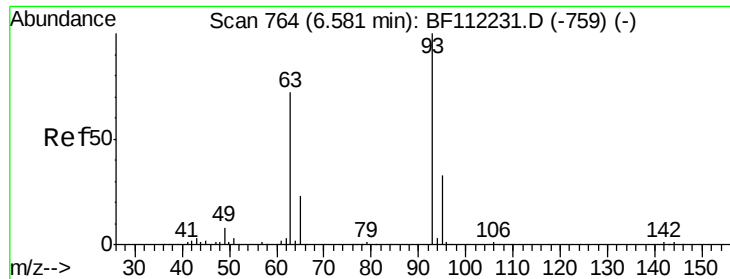


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





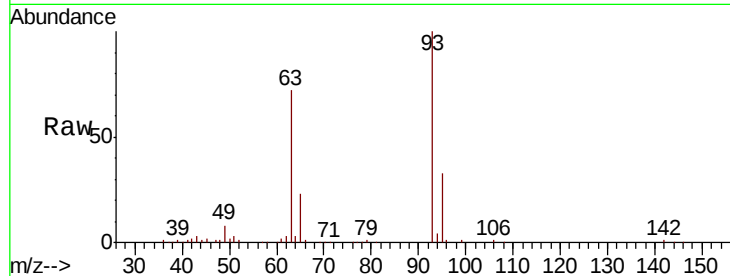
#11
bis(2-Chloroethyl)ether
Concen: 43.055 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

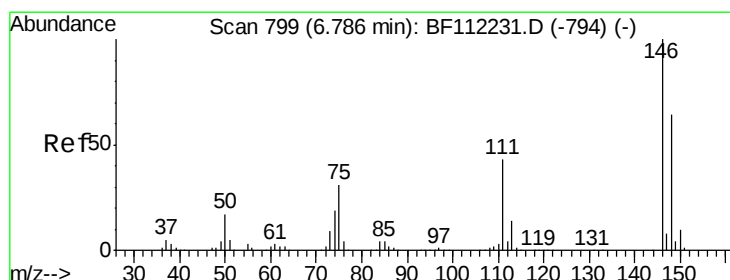
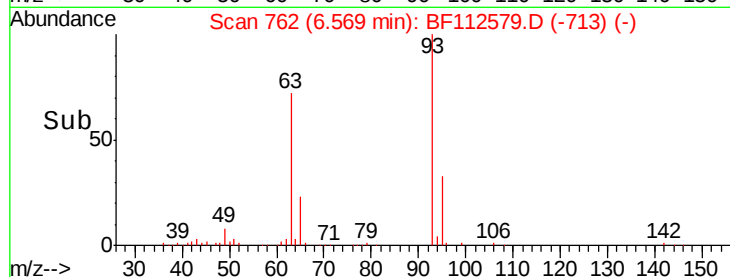
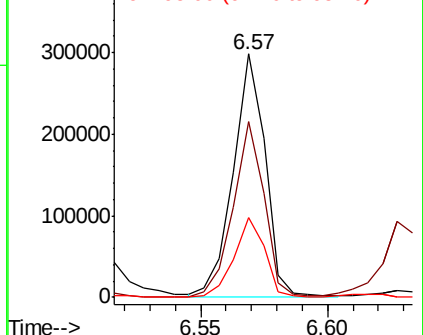
Tot Ion:	93	Resp:	261808
Ion Ratio	Lower	Upper	
93	100		
63	72.3	53.3	93.3
95	33.0	13.4	53.4

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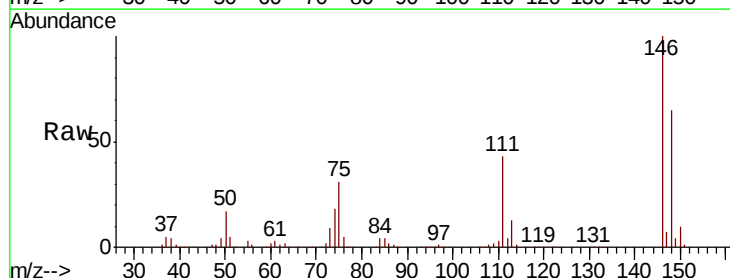


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

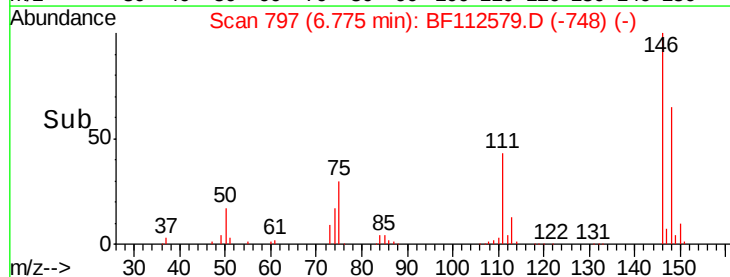
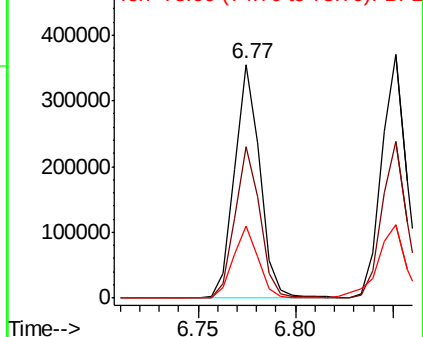


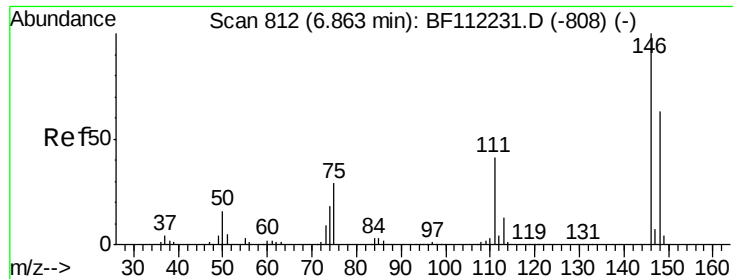
#12
1,3-Dichlorobenzene
Concen: 40.336 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion:	146	Resp:	320171
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	30.7	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





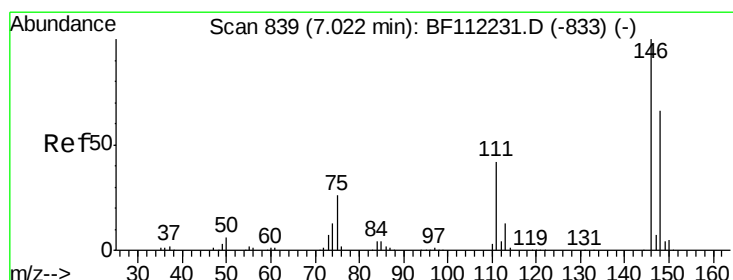
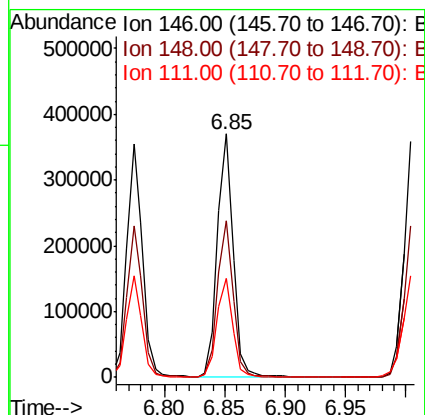
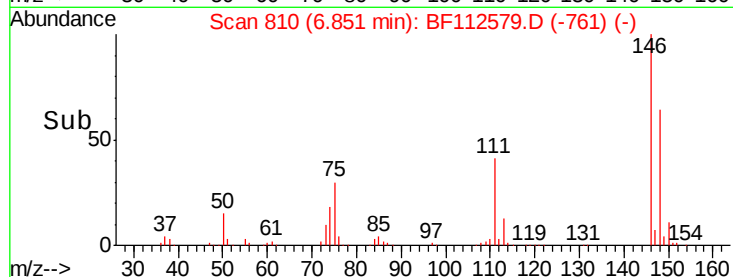
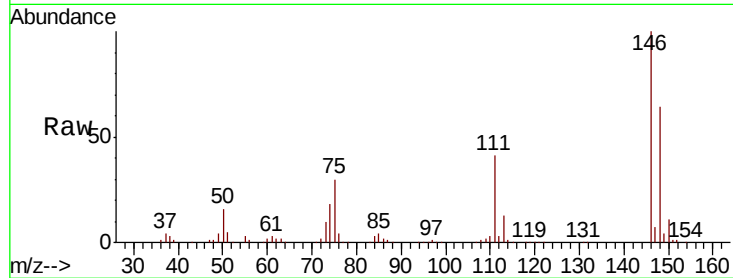
#13
1,4-Dichlorobenzene
Concen: 40.877 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampled :
PB117127BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	40.6	31.2	46.8

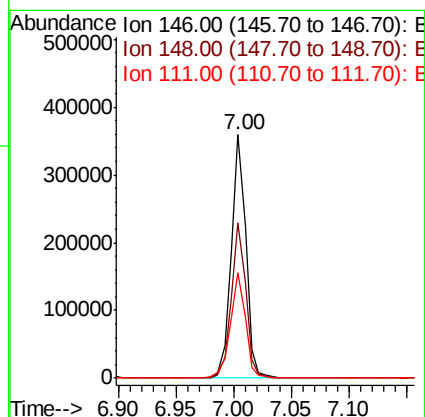
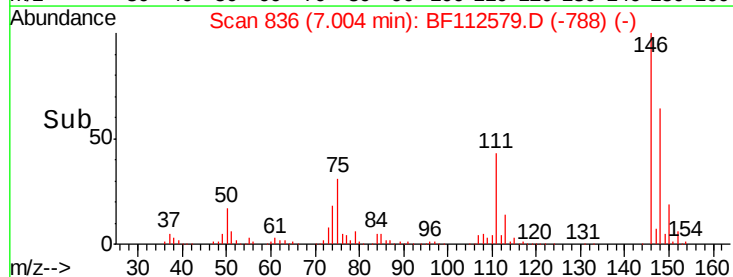
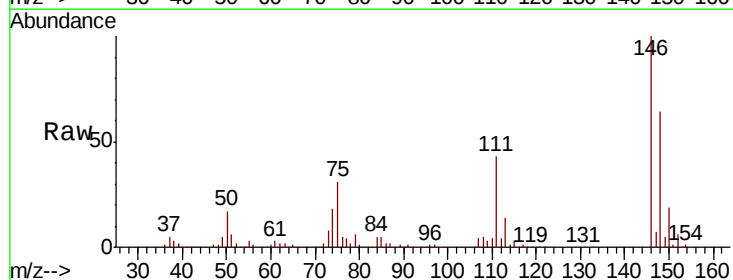
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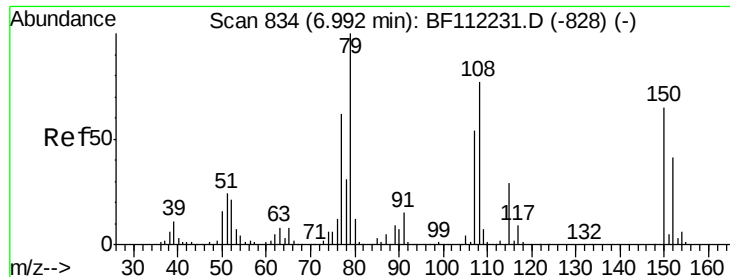
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#14
1,2-Dichlorobenzene
Concen: 41.029 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	43.2	31.2	46.8





#15

Benzyl Alcohol

Concen: 42.778 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

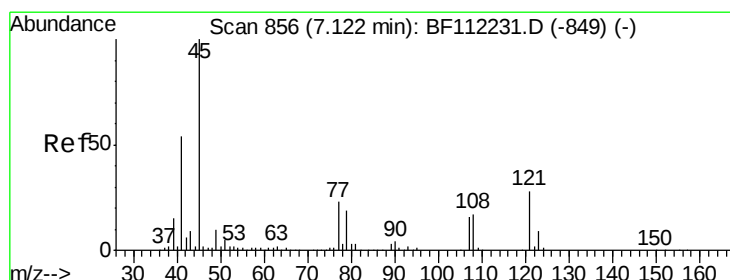
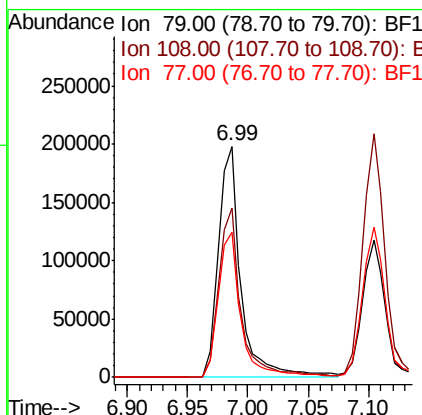
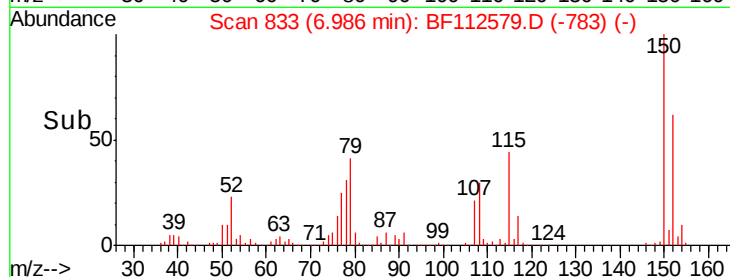
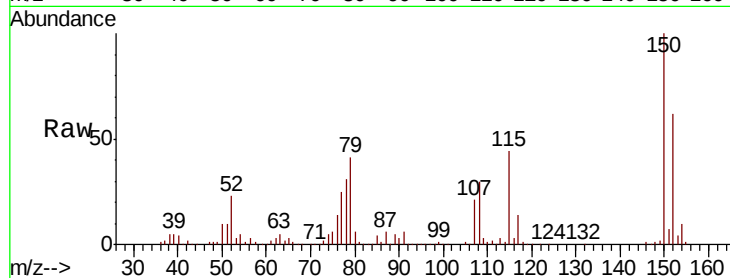
ClientSampled :

PB117127BS

Tot Ion:	79	Resp:	253872
Ion Ratio	Lower	Upper	
79	100		
108	73.4	64.2	96.2
77	62.7	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.862 ng

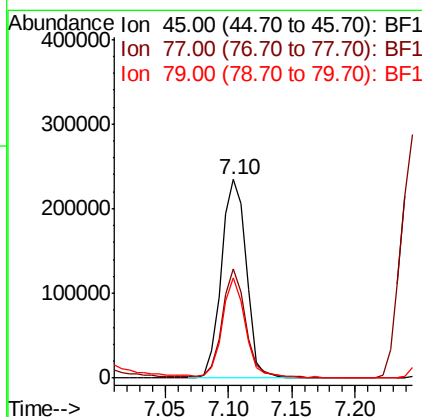
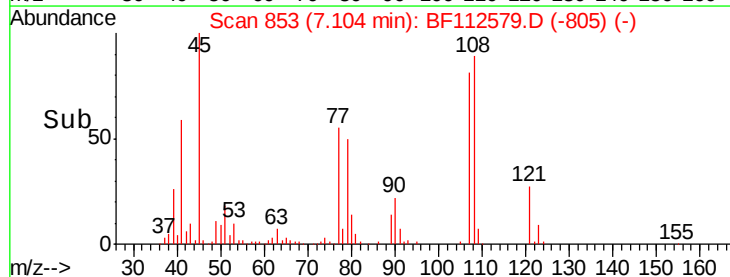
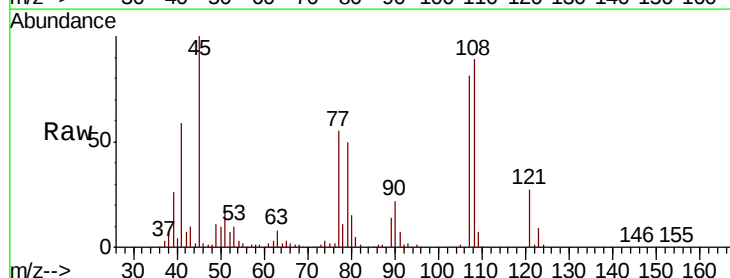
RT: 7.10 min Scan# 853

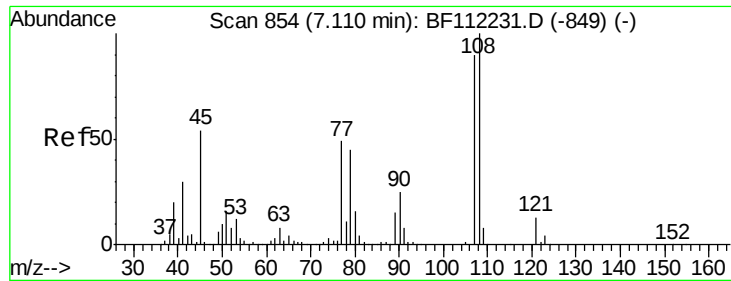
Delta R.T. -0.02 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	45	Resp:	319030
Ion Ratio	Lower	Upper	
45	100		
77	55.2	0.0	36.9#
79	50.2	0.0	34.0#





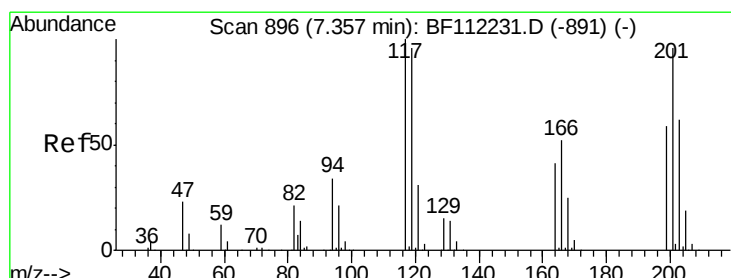
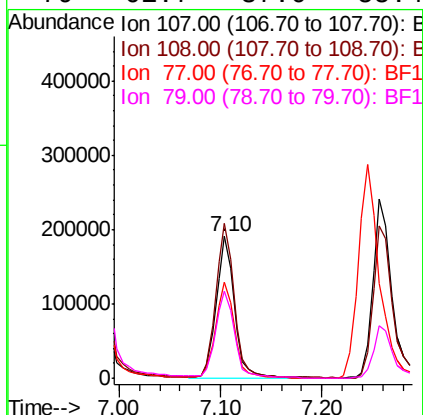
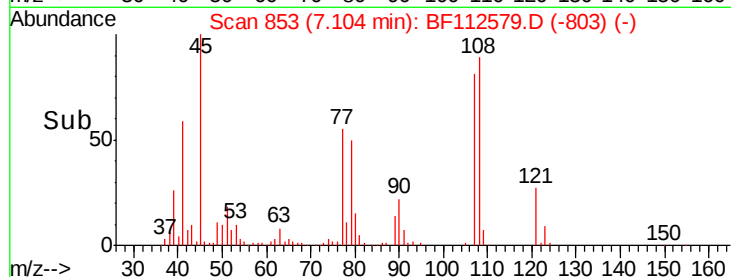
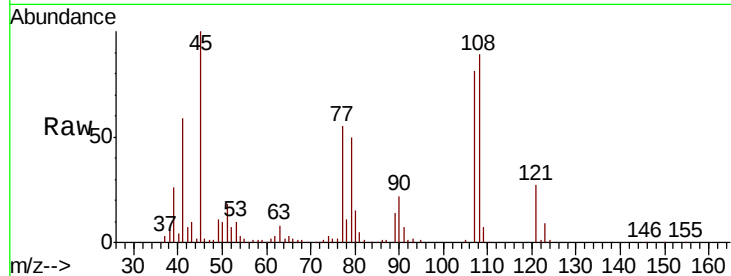
#17
2-Methylphenol
Concen: 44.369 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	91.3	136.9	
77	67.8	39.0	58.6	
79	61.7	37.0	55.4	

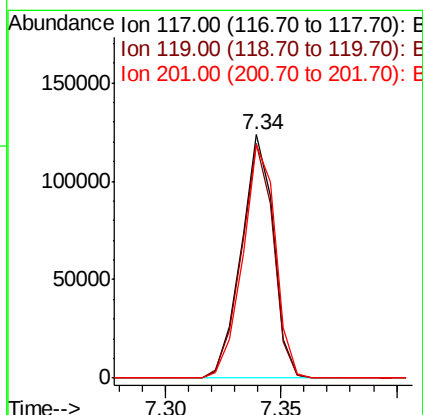
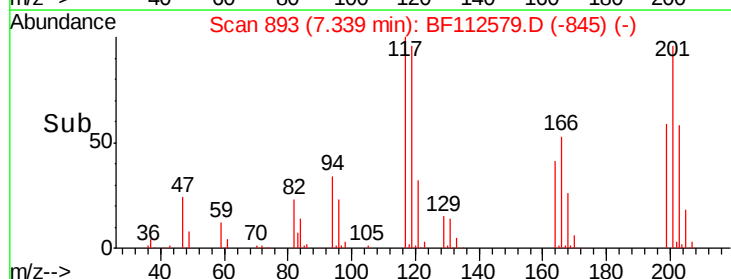
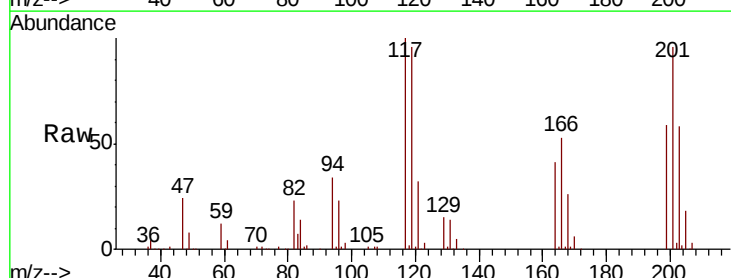
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#18
Hexachloroethane
Concen: 41.881 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.0	115.4	
201	95.9	74.1	111.1	





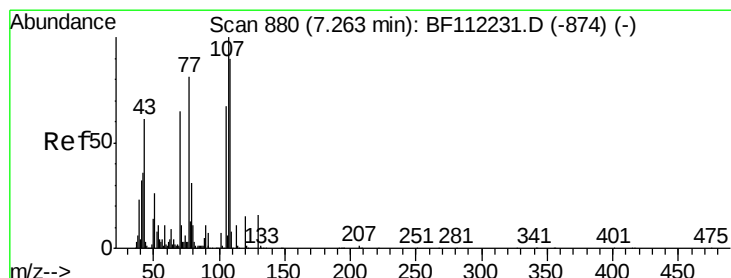
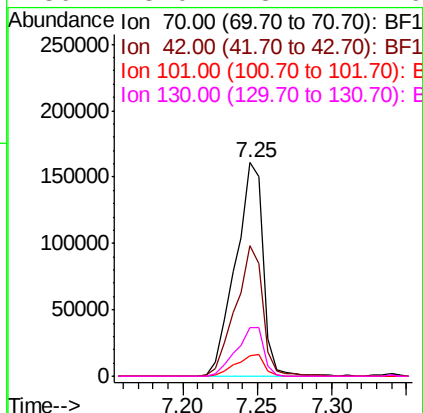
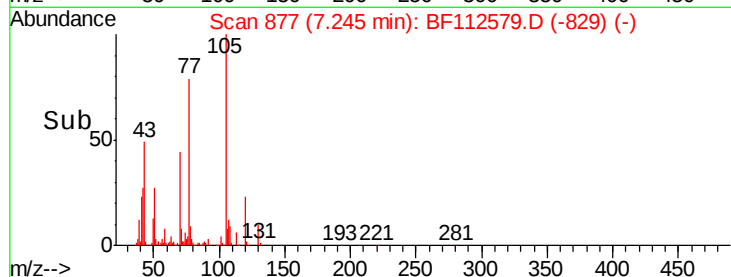
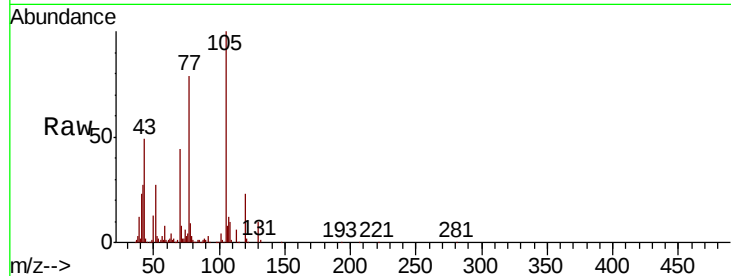
#19
n-Nitroso-di-n-propylamine
Concen: 42.820 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.6	71.4
101	9.8	7.9	11.9
130	23.0	18.4	27.6

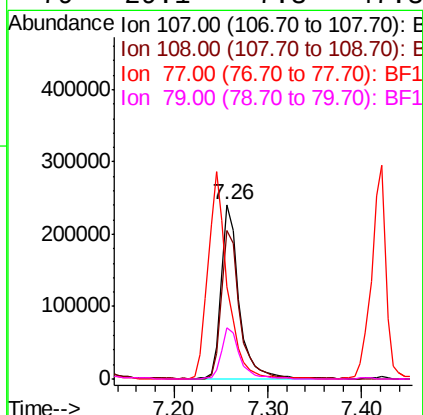
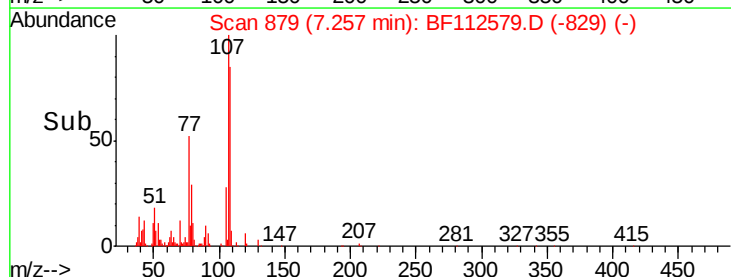
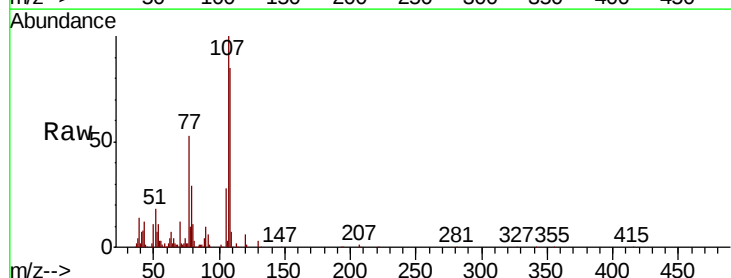
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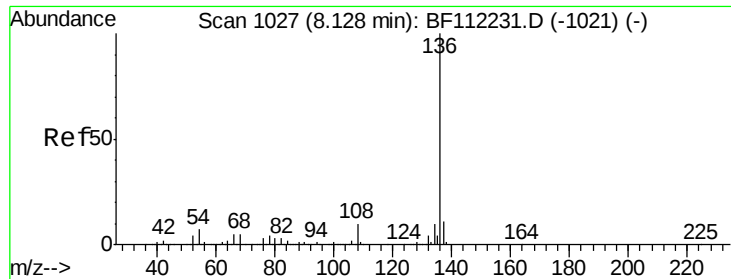
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#20
3+4-Methylphenols
Concen: 45.622 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.2	108.2
77	52.6	100.7	140.7#
79	29.1	7.3	47.3





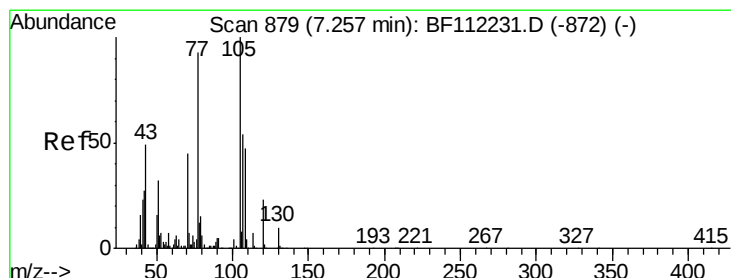
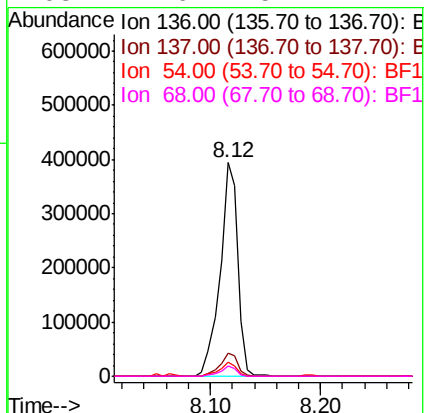
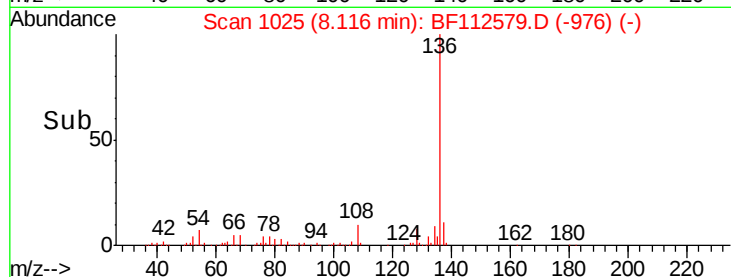
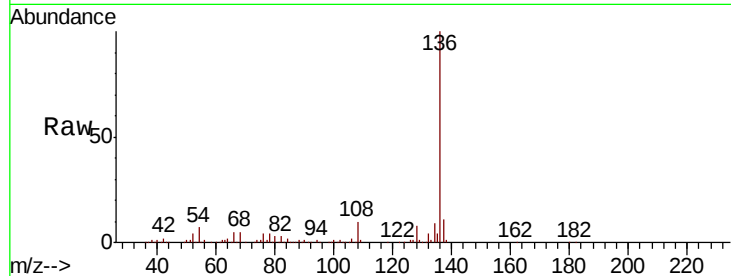
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		440777		
137	10.8	9.1	13.7		
54	6.6	5.9	8.9		
68	4.6	5.1	7.7#		

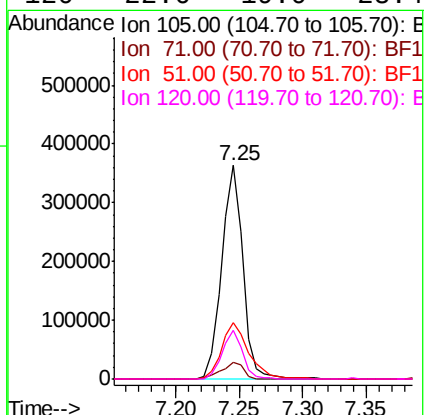
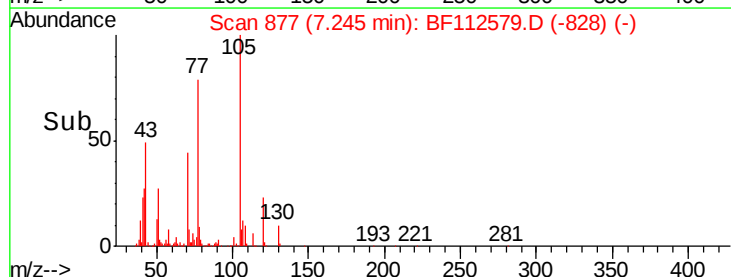
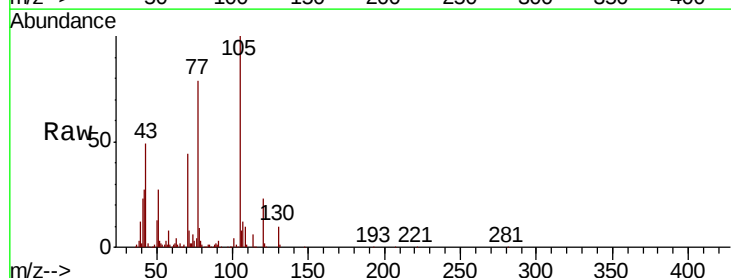
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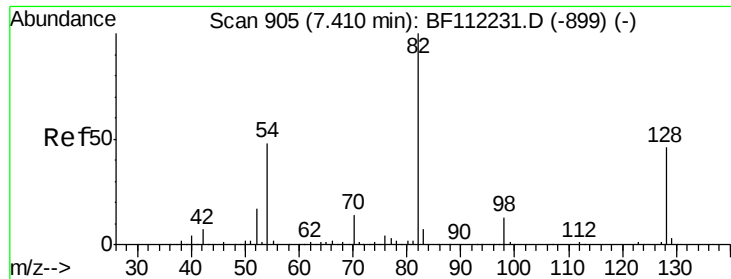
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#22
Acetophenone
Concen: 39.541 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		424393		
71	7.6	4.6	6.8#		
51	26.7	25.0	37.6		
120	22.6	19.0	28.4		





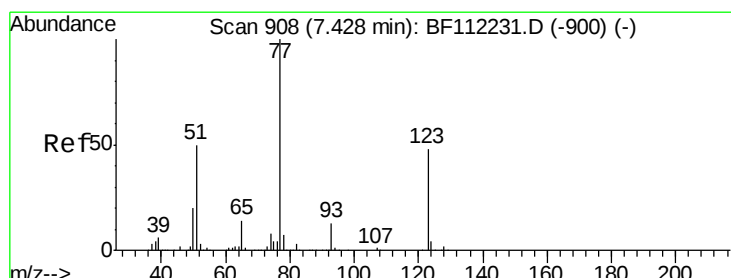
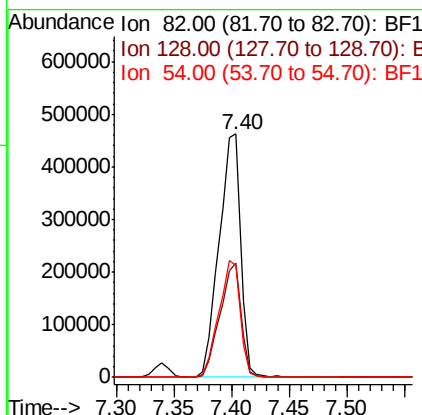
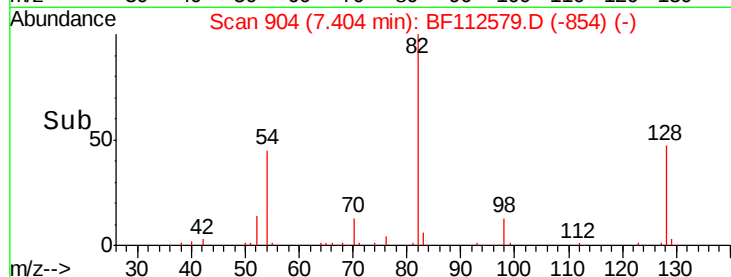
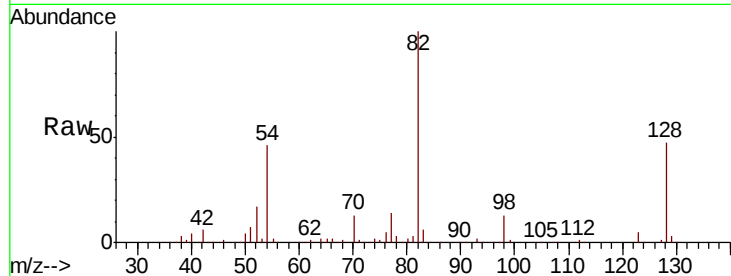
#23
 Nitrobenzene-d5
 Concen: 78.726 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleID :
 PB117127BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	46.1	39.7	59.5

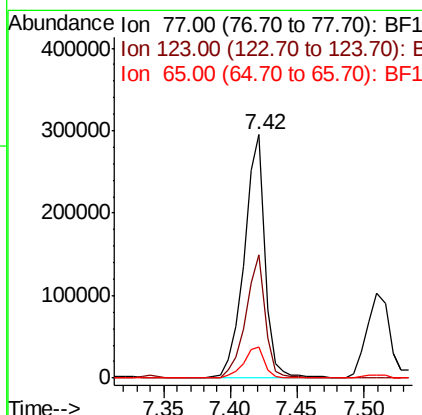
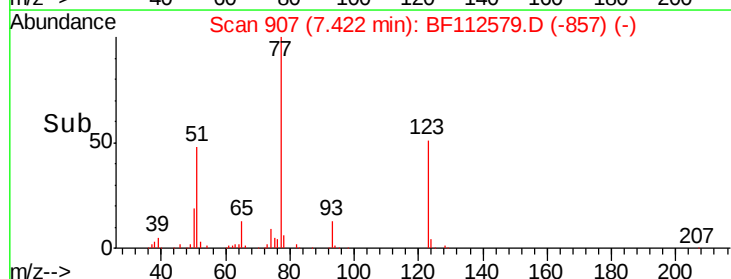
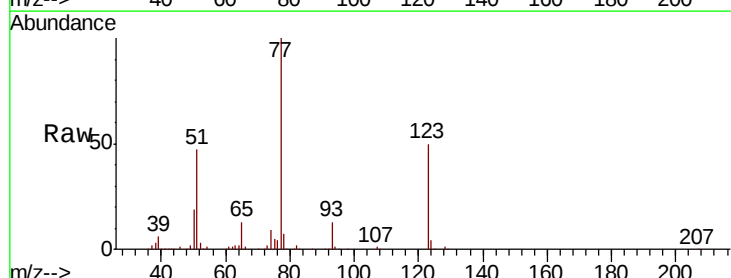
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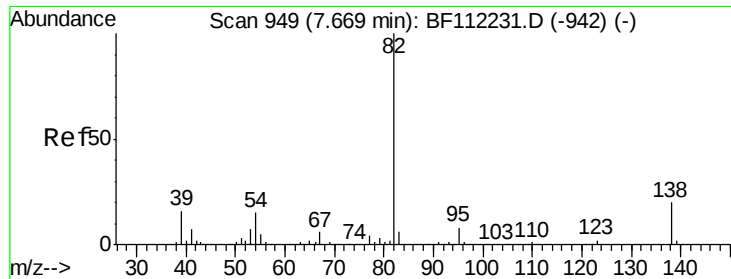
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#24
 Nitrobenzene
 Concen: 41.000 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	38.4	57.6
65	13.0	10.6	15.8





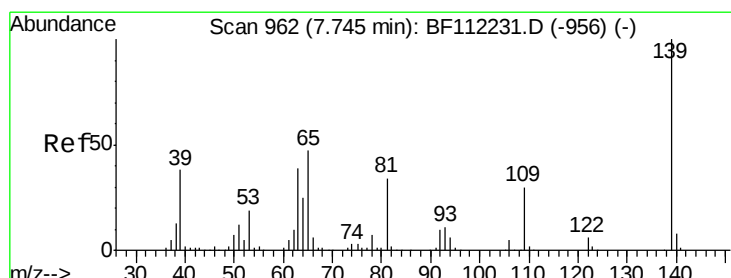
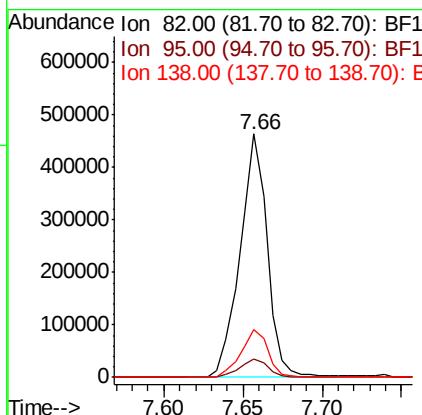
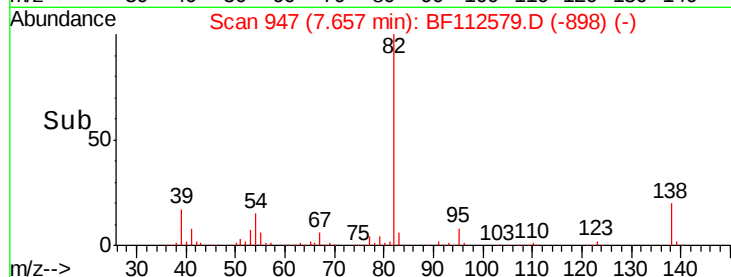
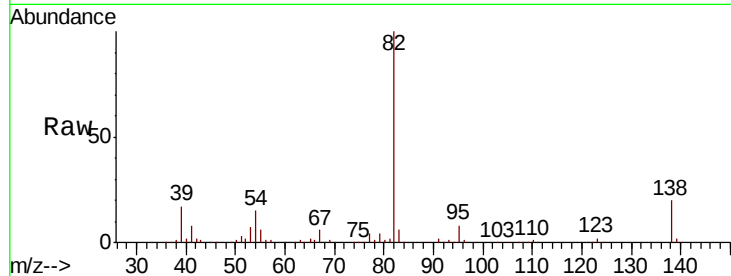
#25
Isophorone
Concen: 45.948 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	551419		
95	7.8		5.7	8.5
138	19.8		15.4	23.0

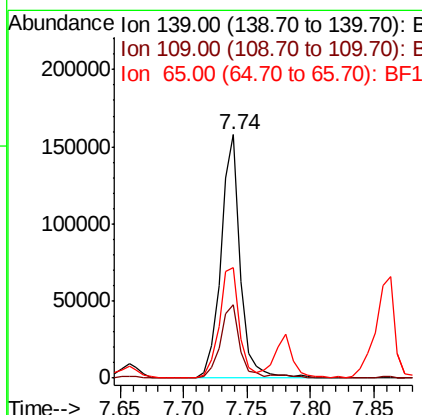
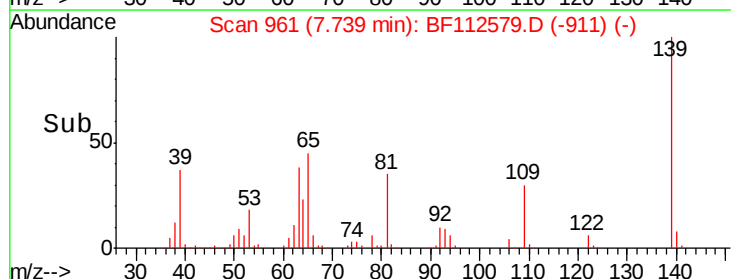
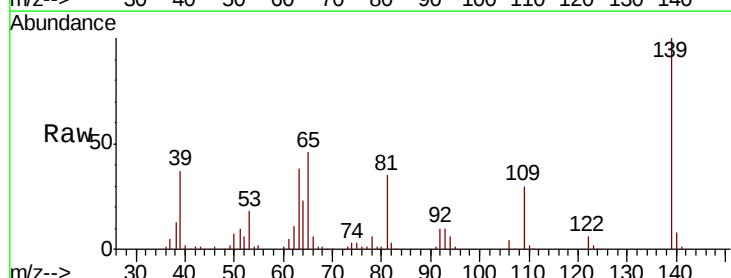
Manual Integrations
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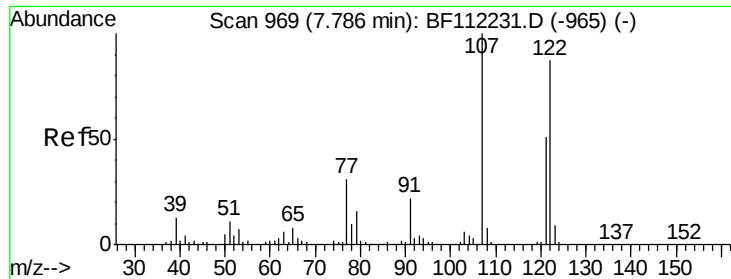
Sohil
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#26
2-Nitrophenol
Concen: 41.111 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167852		
109	30.2		20.8	31.2
65	45.5		34.4	51.6





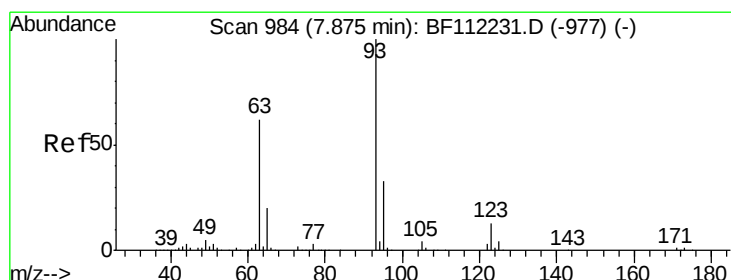
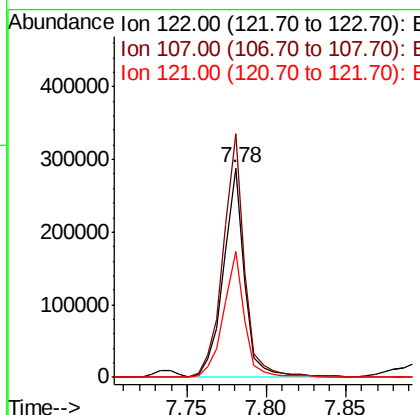
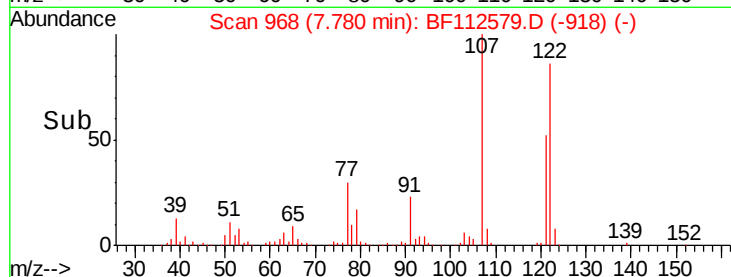
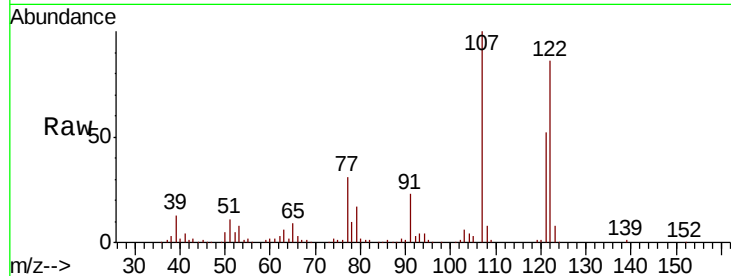
#27
2,4-Dimethylphenol
Concen: 47.165 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	265312		
107	116.3	85.4	128.0	
121	60.3	47.0	70.4	

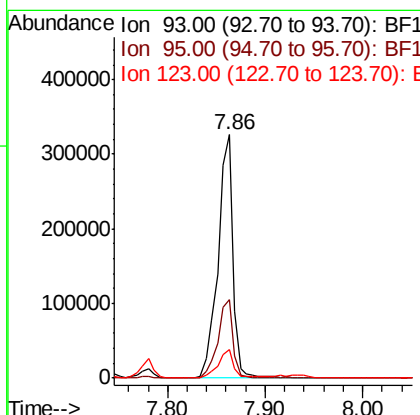
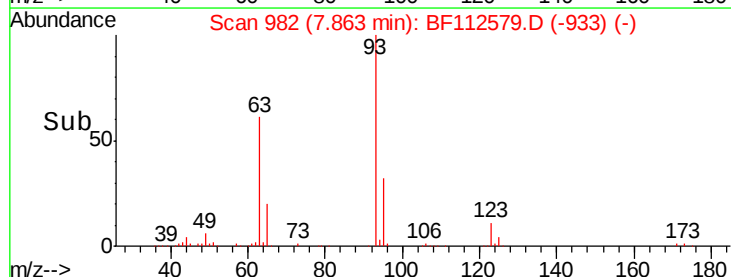
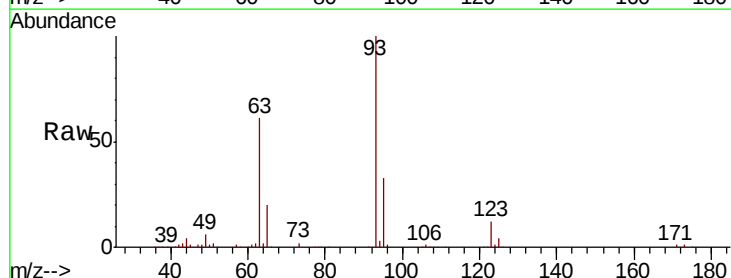
Manual Integrations
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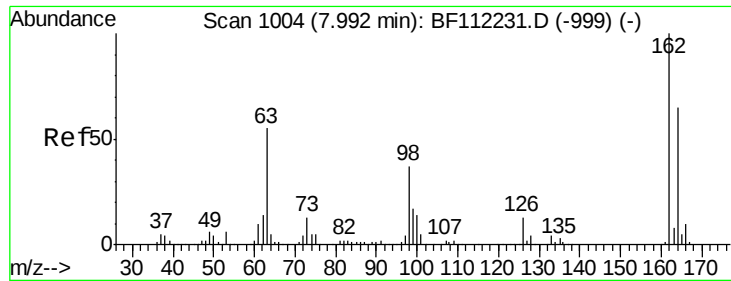
Sohil
2/18/2019 12:06:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.578 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347926		
95	32.5	26.8	40.2	
123	11.6	10.2	15.2	





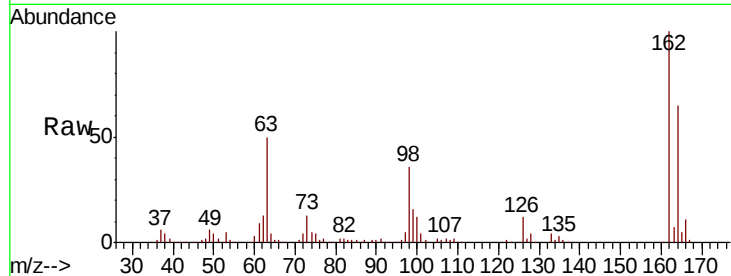
#29
2,4-Dichlorophenol
Concen: 42.688 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.4	14.6	54.6

Manual Integrations
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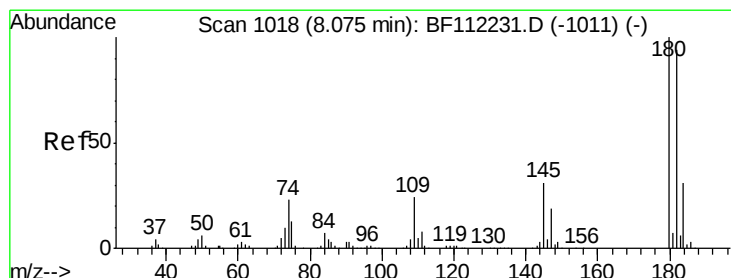
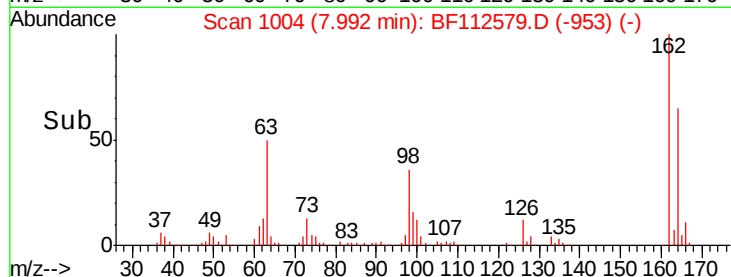
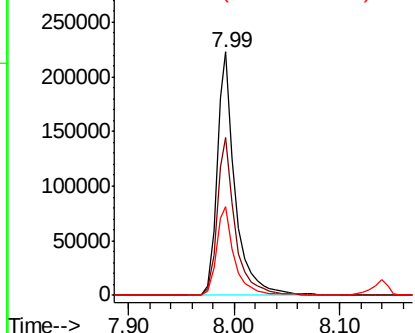


Abundance

Ion 162.00 (161.70 to 162.70): E

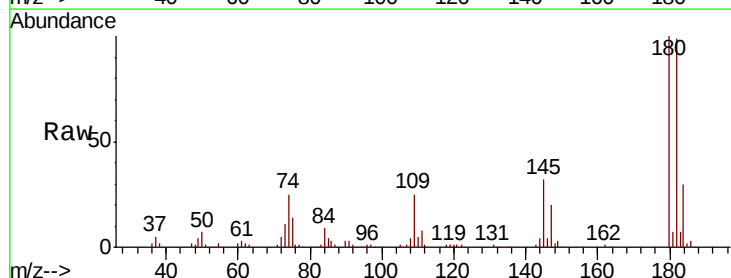
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.755 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	99.4	76.4	114.6
145	32.5	25.0	37.4

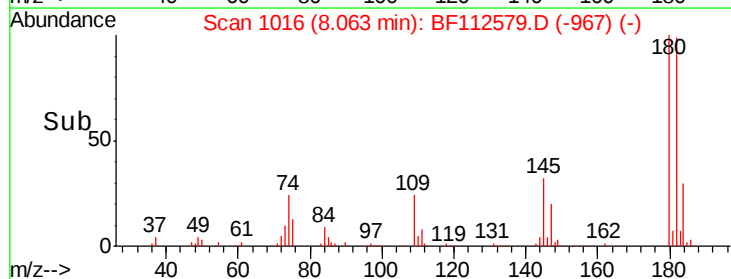
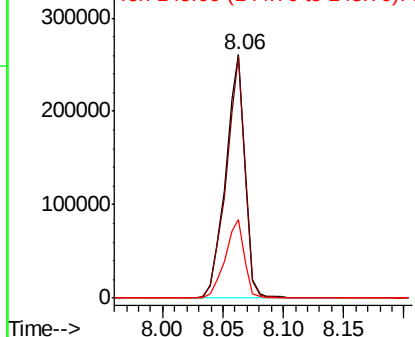


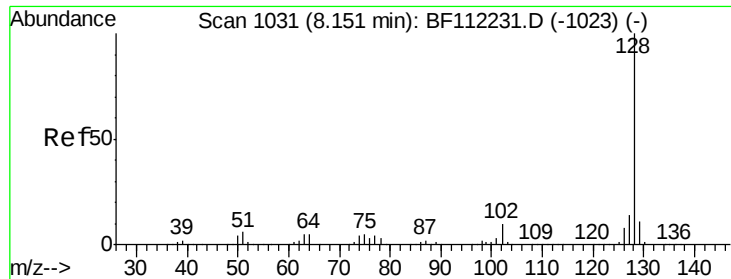
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





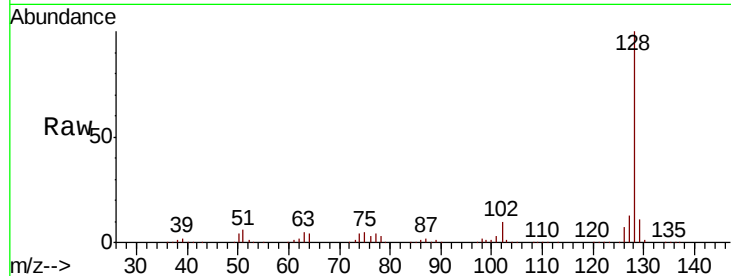
#31
Naphthalene
Concen: 43.729 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	901366		
129	10.8		9.6	14.4
127	13.5		11.1	16.7

Manual Integrations
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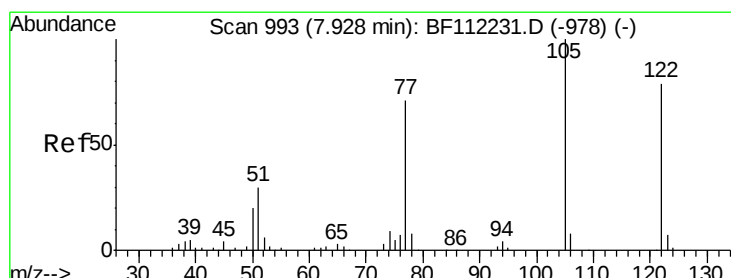
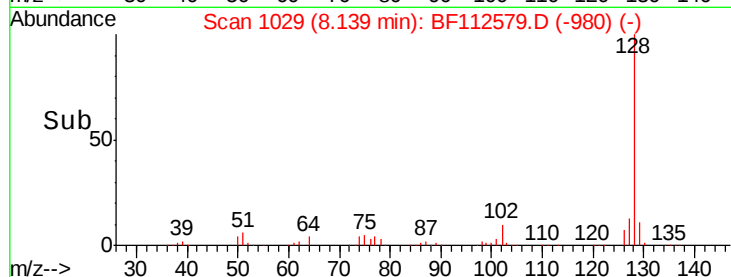
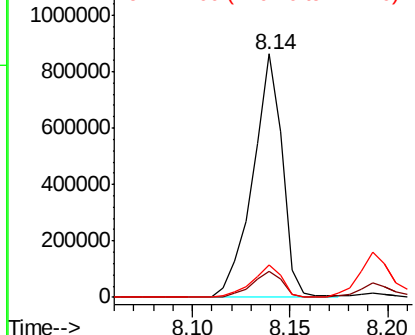


Abundance

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: 44.005 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

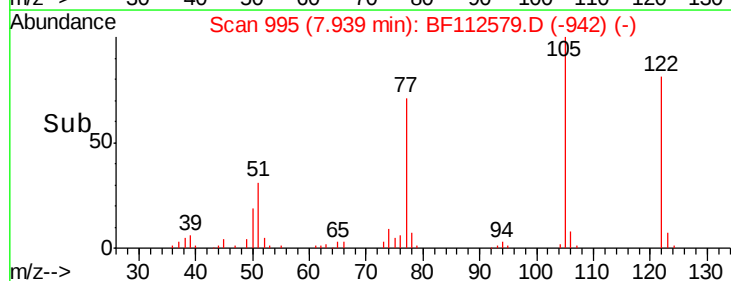
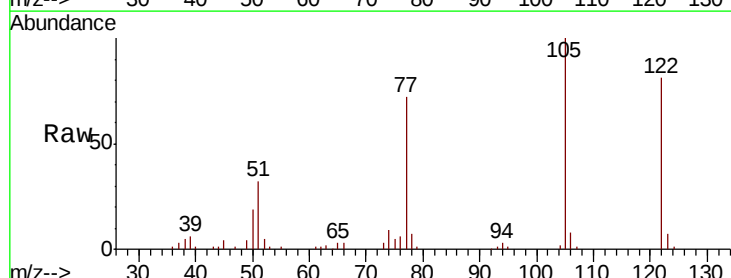
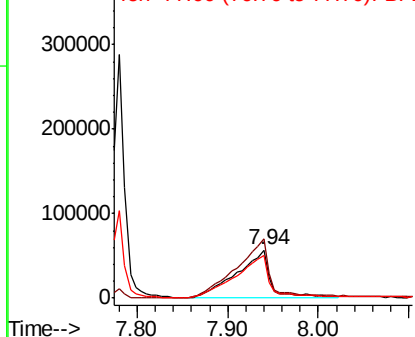
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	141199		
105	123.9		101.2	141.2
77	88.6		70.4	110.4

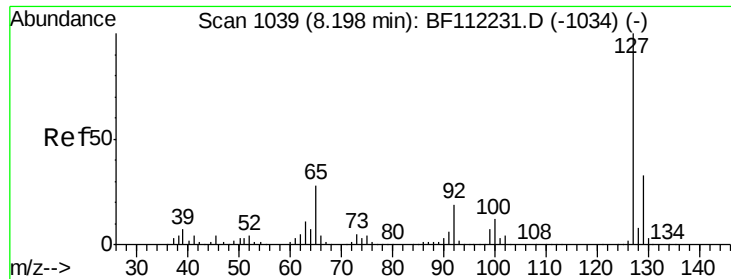
Abundance

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





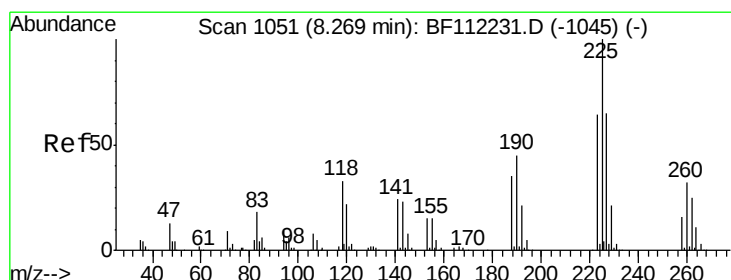
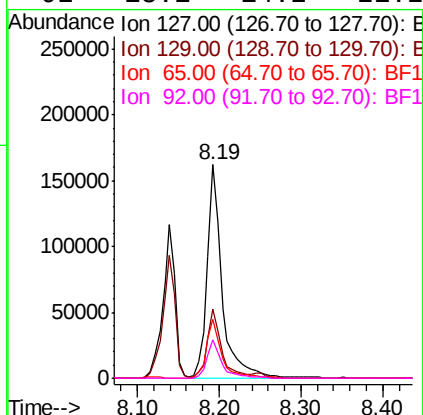
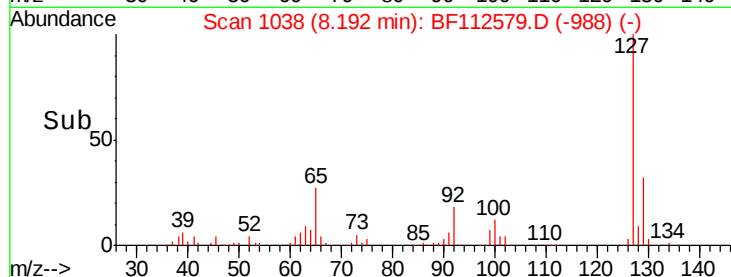
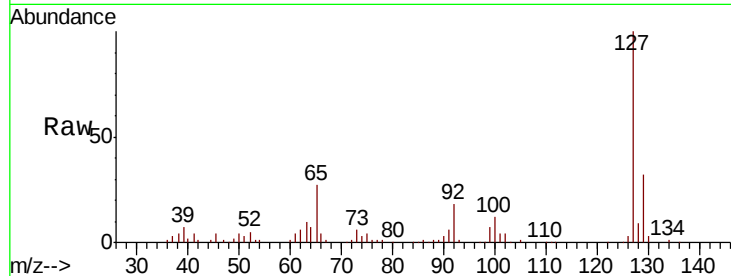
#33
4-Chloroaniline
Concen: 22.961 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleID :
PB117127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		206080		
129	32.2	26.6	39.8		
65	27.4	21.4	32.2		
92	18.1	14.2	21.2		

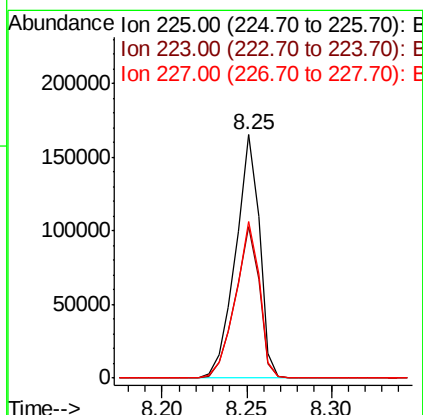
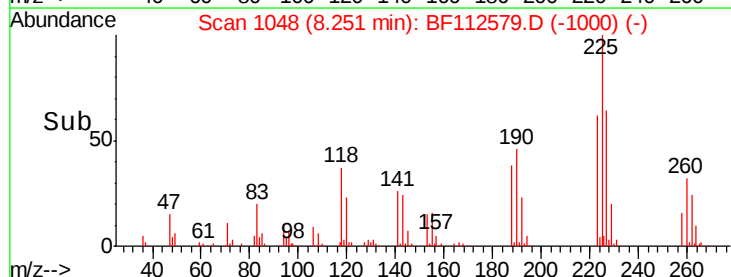
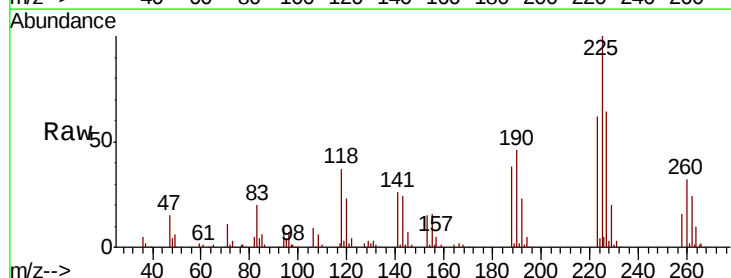
Manual Integrations
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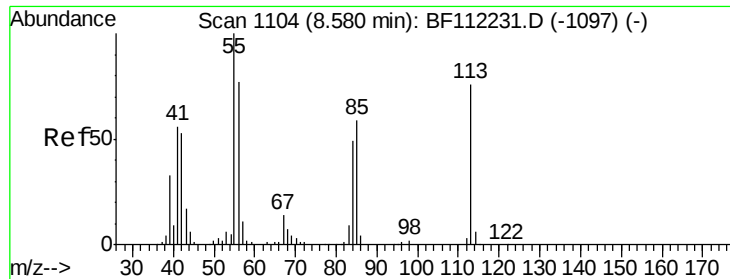
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#34
Hexachlorobutadiene
Concen: 38.424 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		163154		
223	62.2	50.3	75.5		
227	64.3	51.8	77.8		





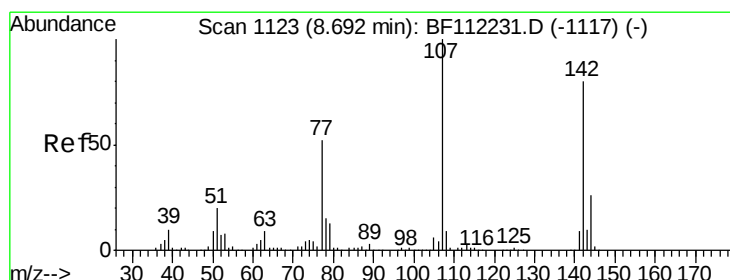
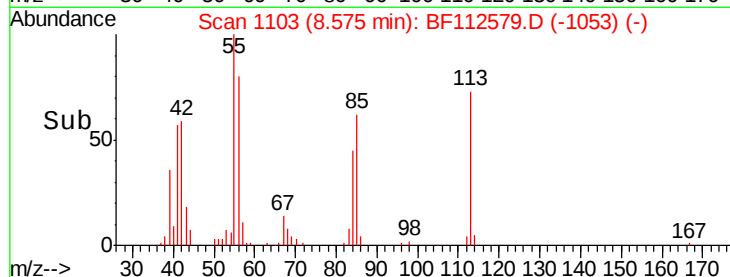
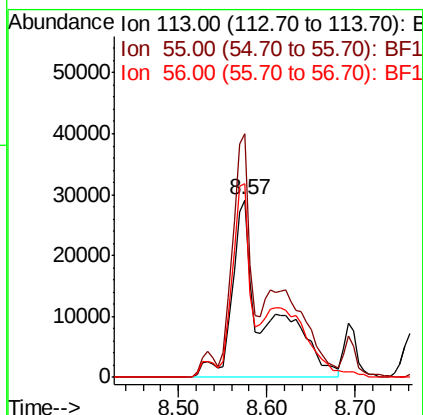
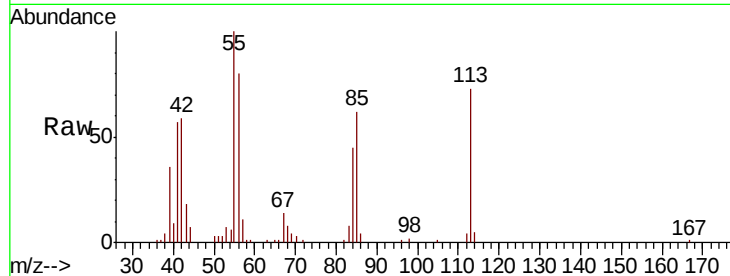
#35
Caprolactam
Concen: 35.253 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleID :
PB117127BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	137.1		121.6	161.6	
56	109.1		86.7	126.7	

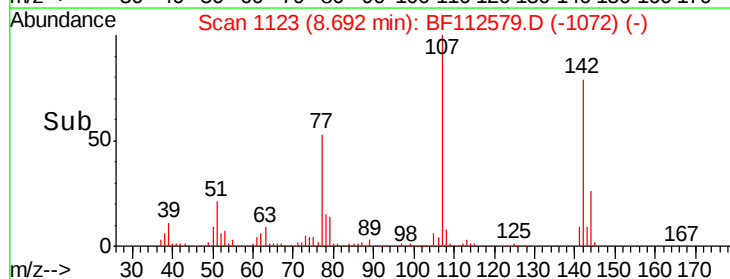
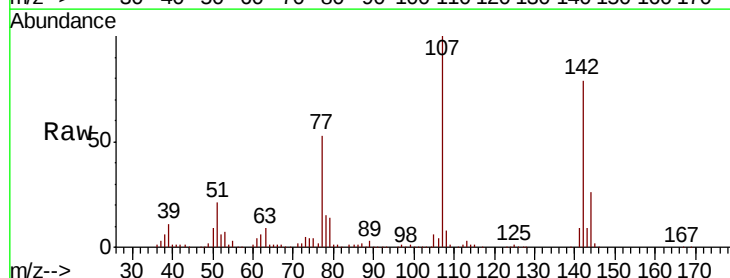
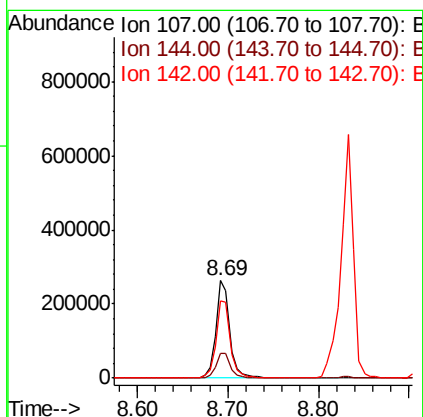
Manual Integrations
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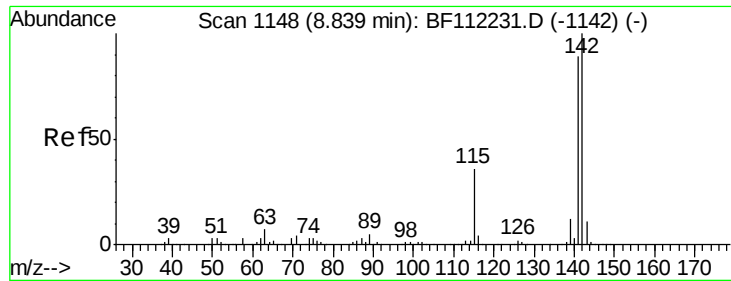
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 41.782 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		22.2	33.2	
142	79.2		67.7	101.5	





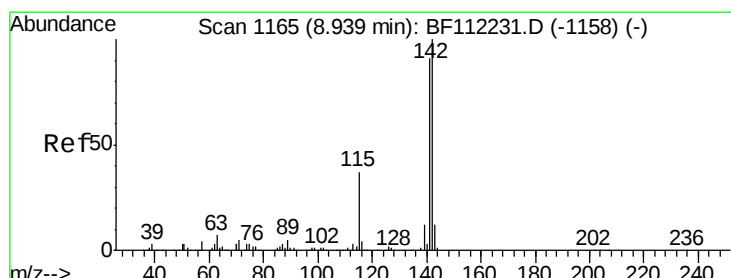
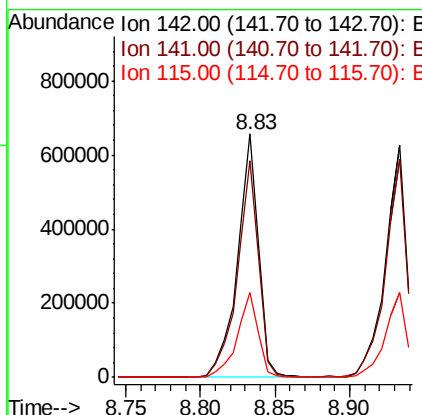
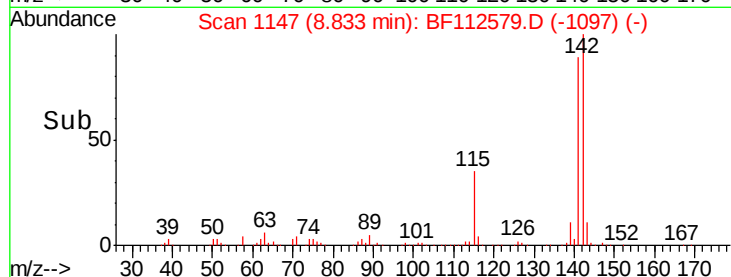
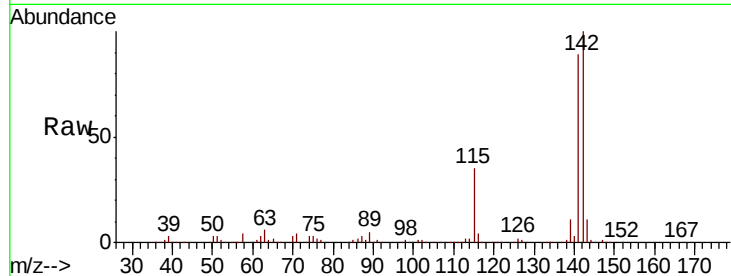
#37
2-Methylnaphthalene
Concen: 45.504 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	35.0	24.9	37.3

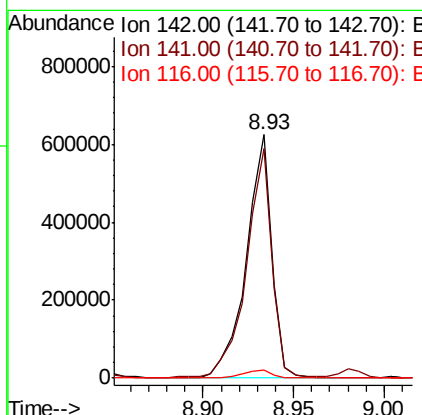
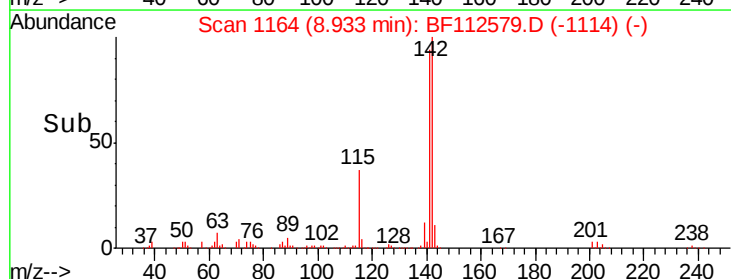
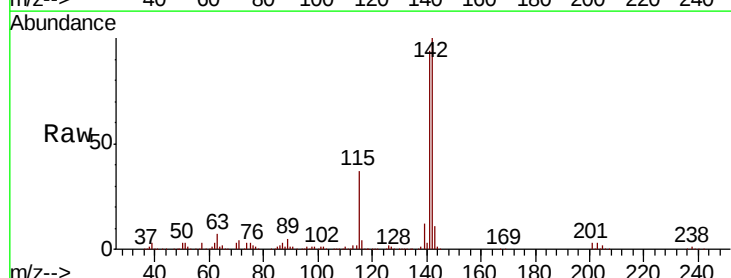
Manual Integrations
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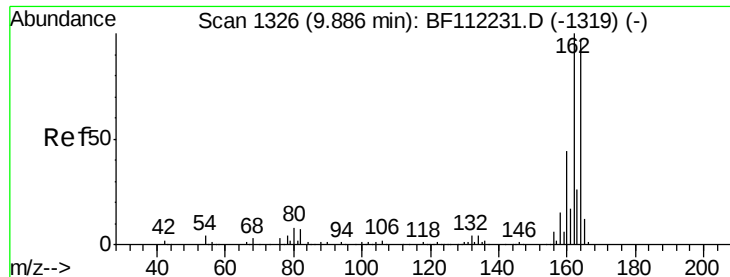
Sohil
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#38
1-Methylnaphthalene
Concen: 44.662 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.6	108.8
116	3.6	2.8	4.2





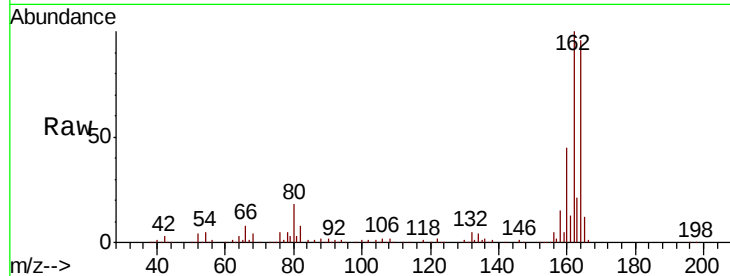
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	46.7	36.2	54.4

Manual Integrations
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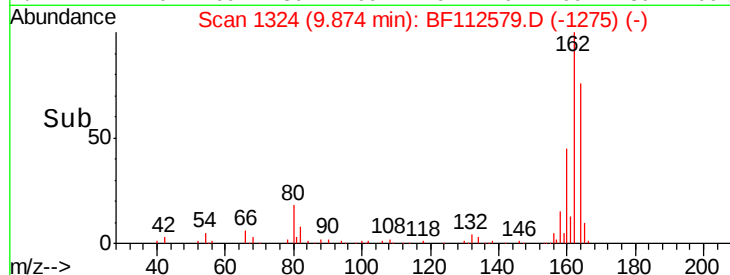
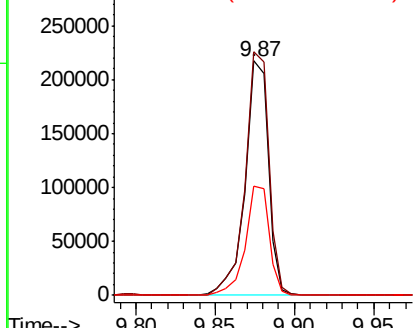


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.775 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.8	95.6
179	22.4	16.9	25.3
108	19.3	14.2	21.4

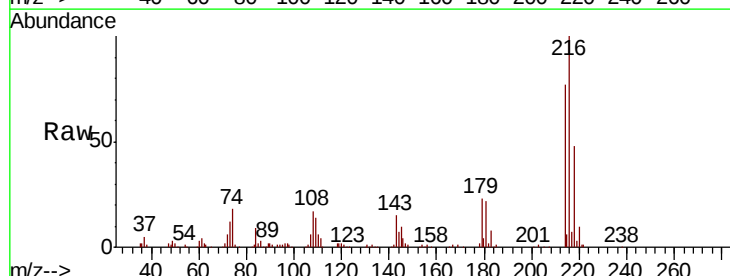
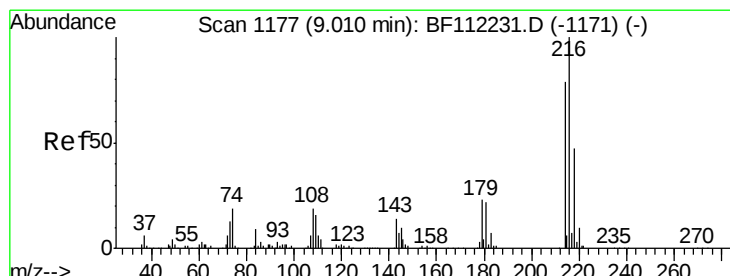
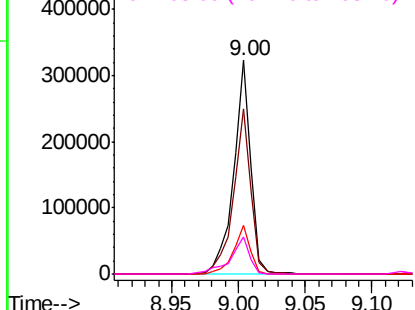
Abundance

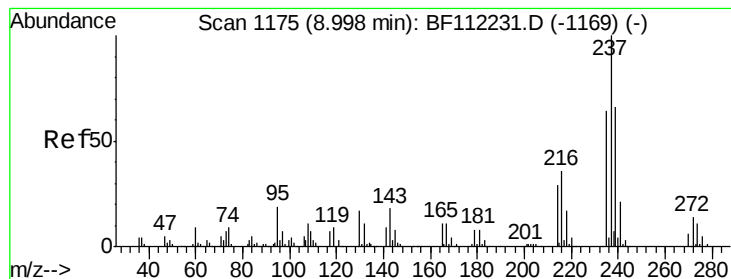
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.569 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

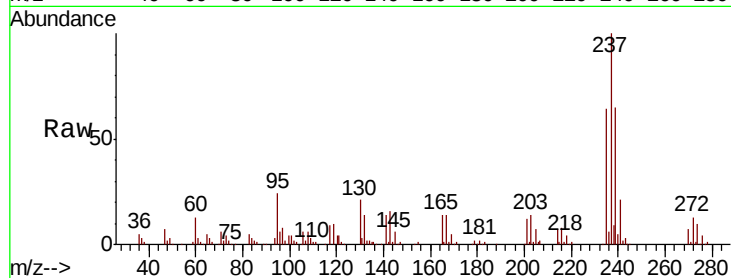
ClientSampleId :

PB117127BS

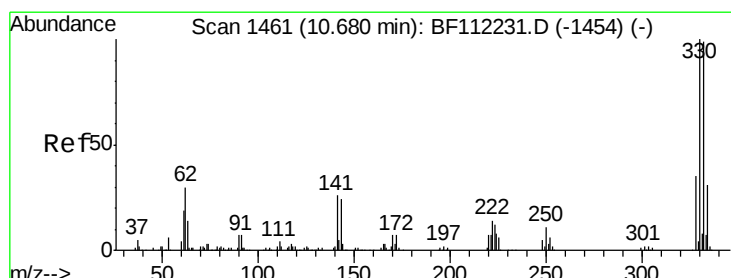
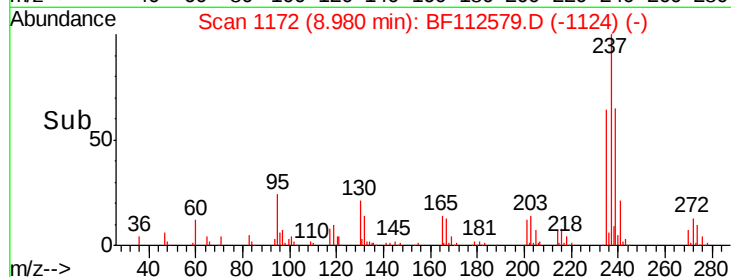
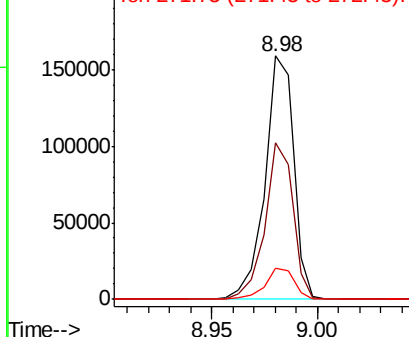
Tot Ion:	237	Resp:	150912
Ion Ratio	Lower	Upper	
237	100		
235	64.3	44.0	84.0
272	13.0	0.0	33.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.889 ng

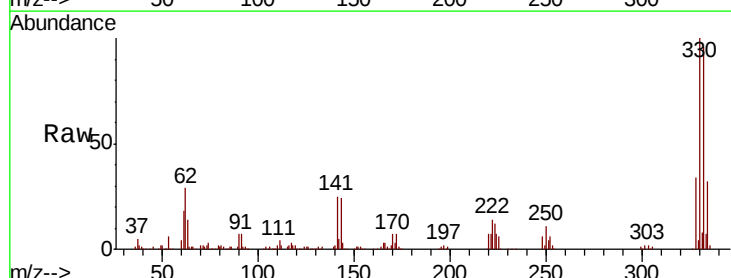
RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

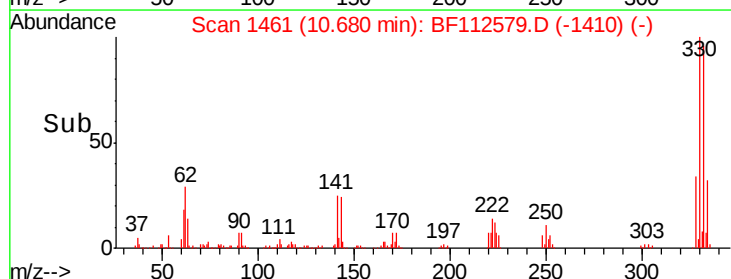
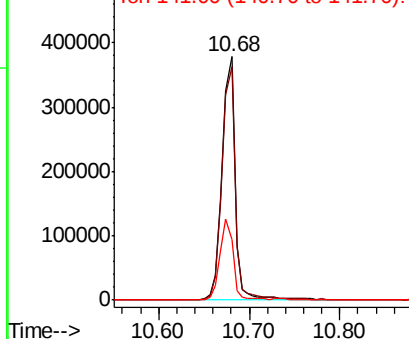
Lab File: BF112579.D

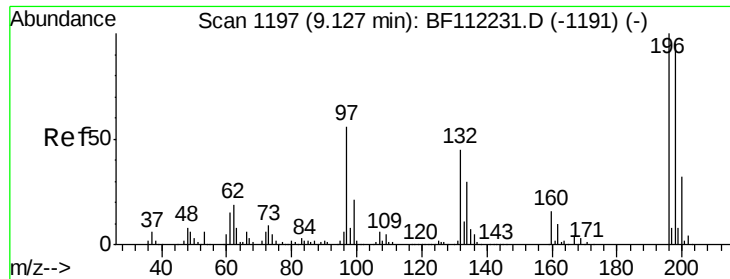
Acq: 15 Feb 2019 15:27

Tgt Ion:	330	Resp:	377562
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	114.8
141	33.2	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





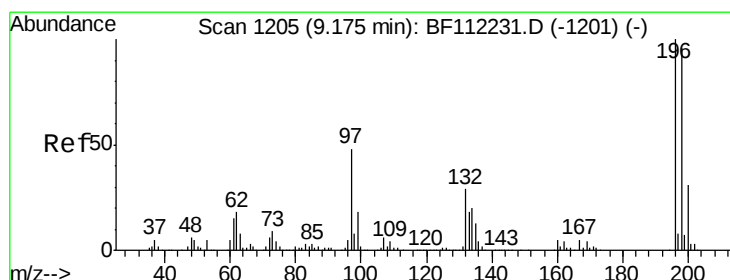
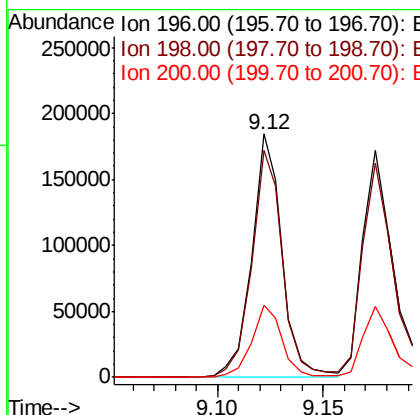
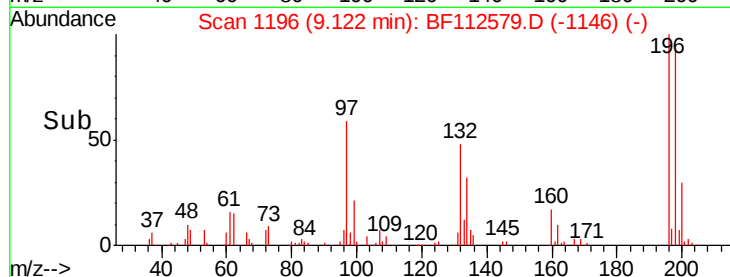
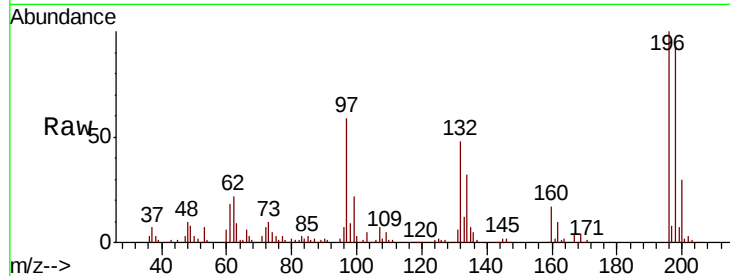
#43
 2,4,6-Trichlorophenol
 Concen: 41.003 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184514		
198	93.0	76.2	114.4	
200	29.6	24.3	36.5	

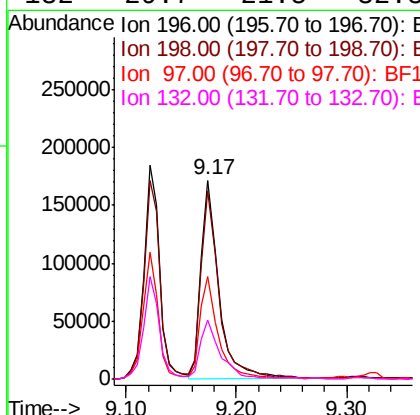
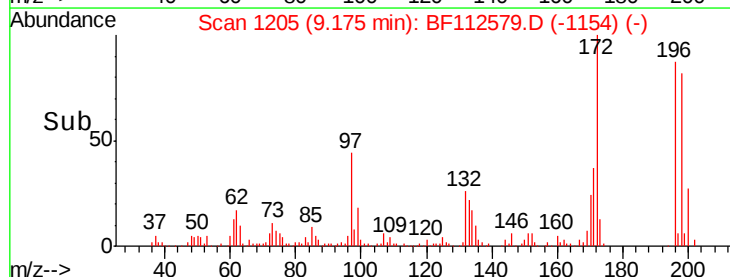
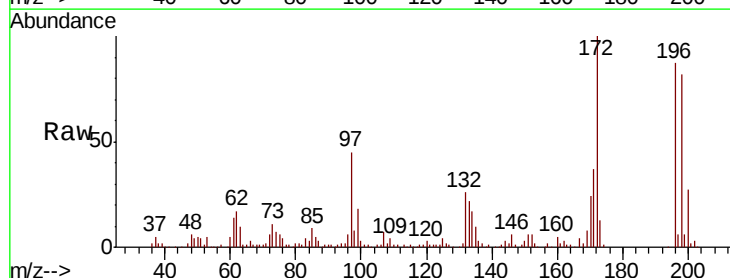
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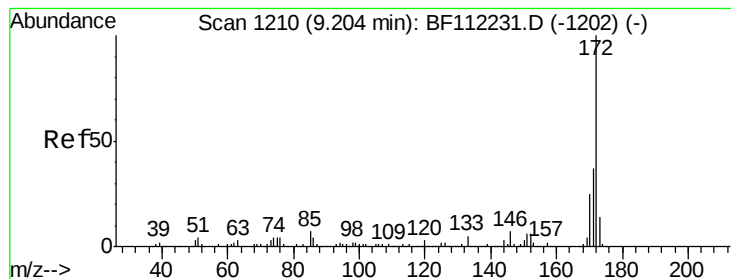
Sohil
 2/18/2019 12:06:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.703 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186724		
198	94.6	76.0	114.0	
97	51.4	36.4	54.6	
132	29.7	21.5	32.3	





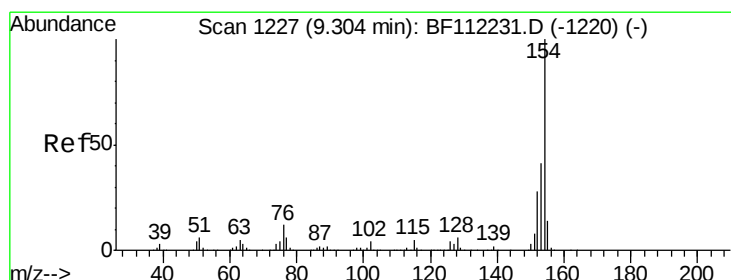
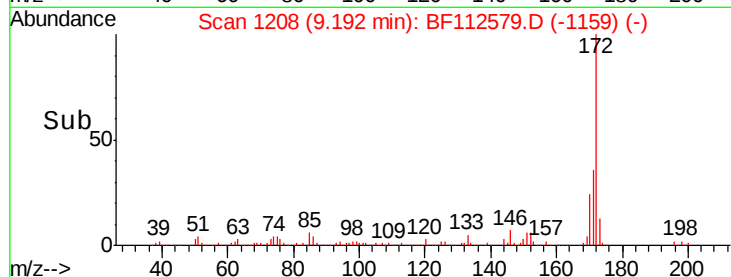
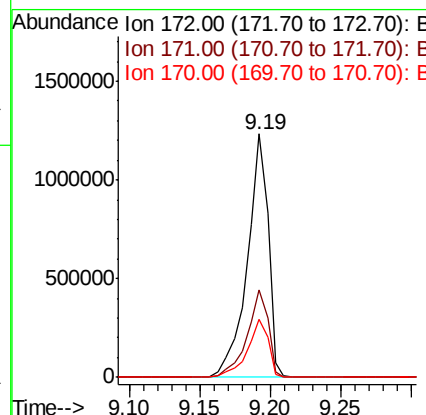
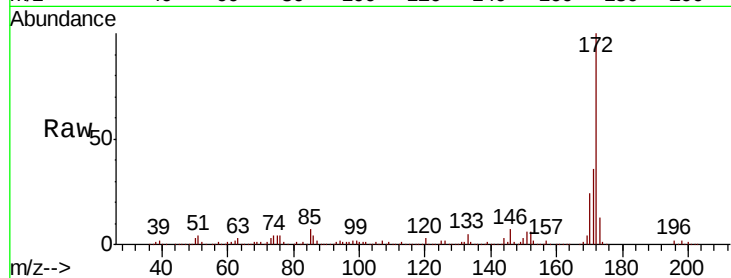
#45
2-Fluorobiphenyl
Concen: 81.190 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.9	20.2	30.4

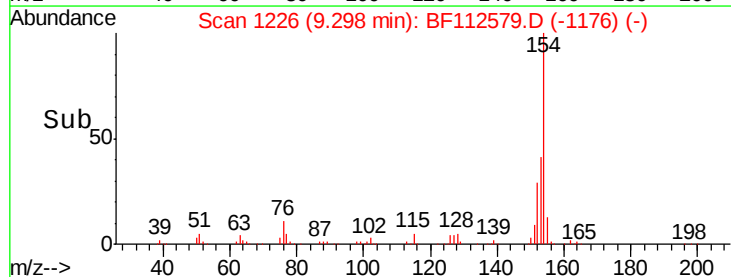
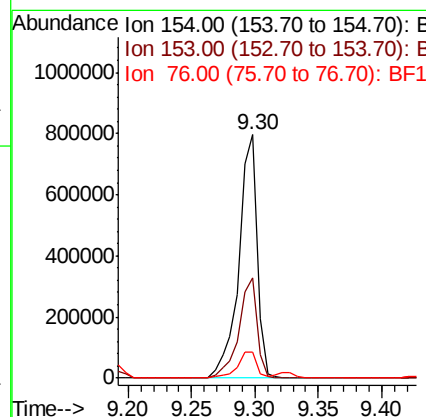
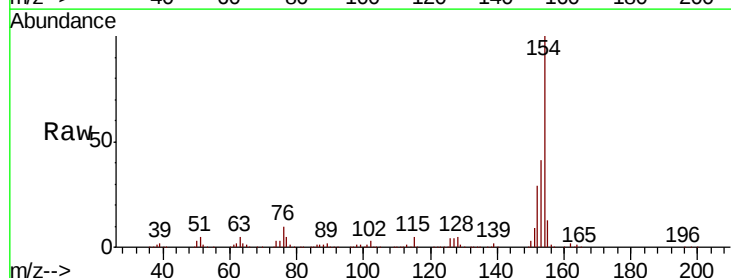
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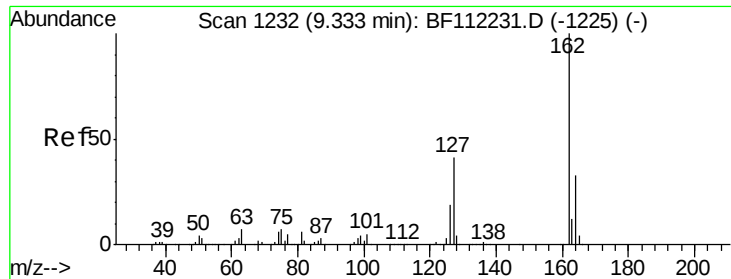
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#46
1,1'-Biphenyl
Concen: 40.484 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.5	61.5
76	10.5	0.0	33.1





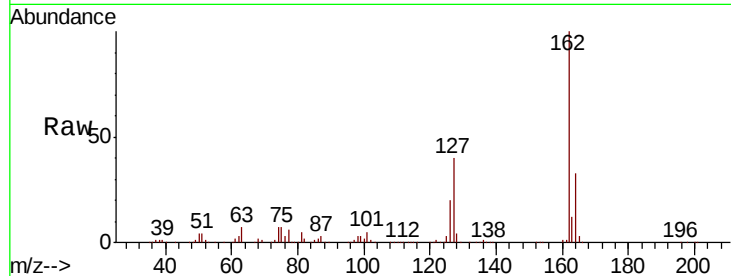
#47
 2-Chloronaphthalene
 Concen: 39.495 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BS

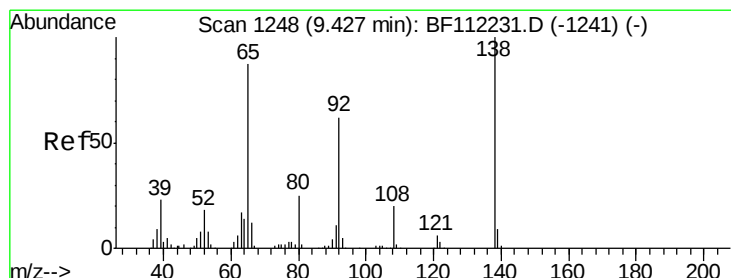
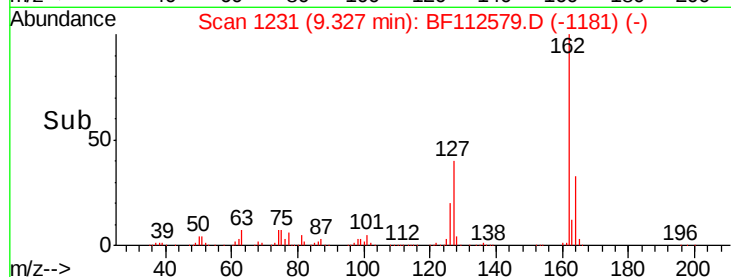
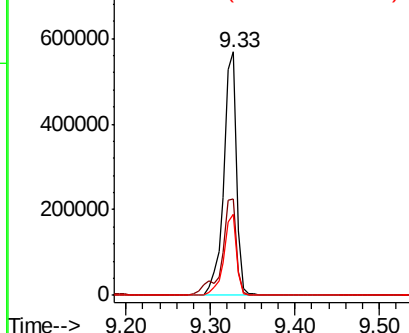
Tot Ion	Ratio	Resp	Lower	Upper
162	100	595324		
127	39.7		30.4	45.6
164	33.1		27.4	41.2

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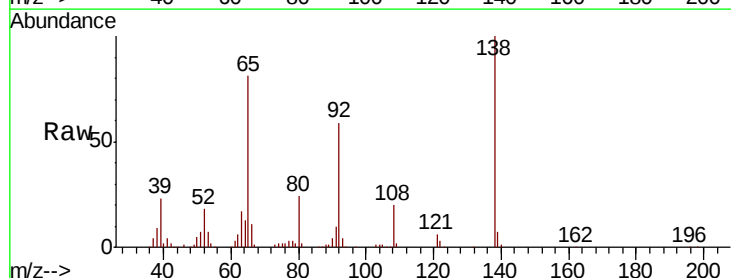


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

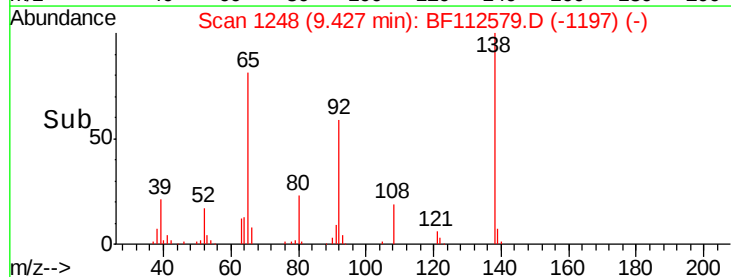
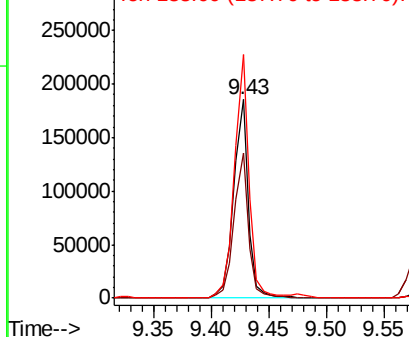


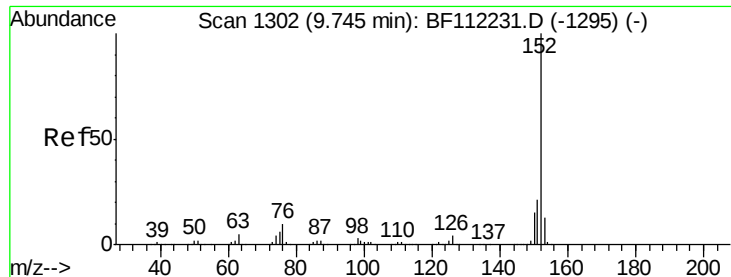
#48
 2-Nitroaniline
 Concen: 40.061 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164588		
92	73.0		60.4	90.6
138	122.8		104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





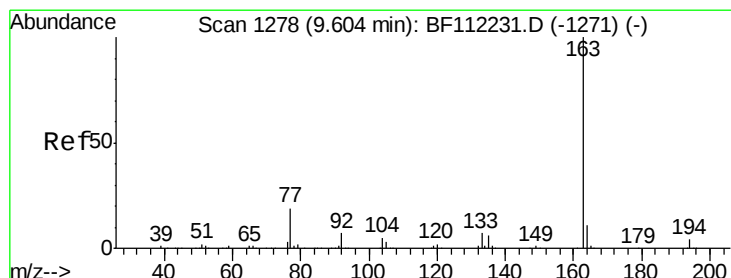
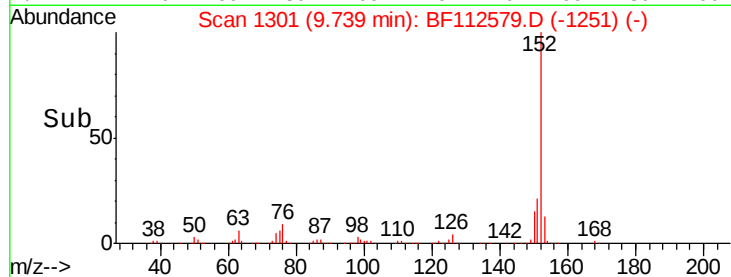
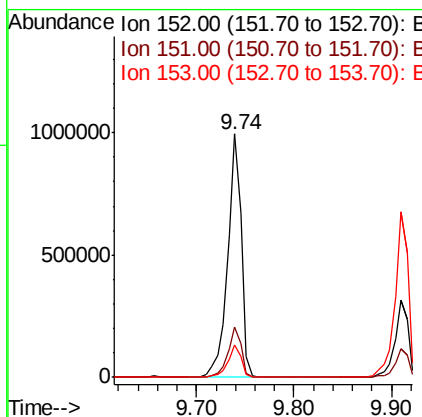
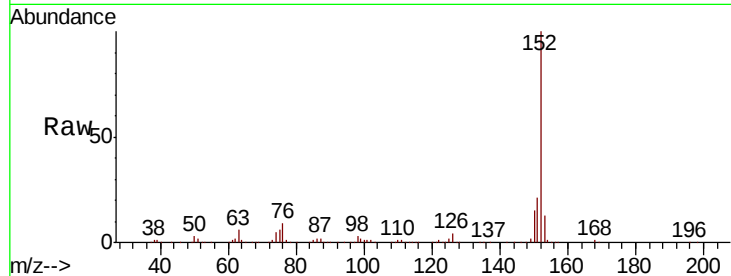
#49
Acenaphthylene
Concen: 43.399 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampled :
PB117127BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.4	11.2	16.8

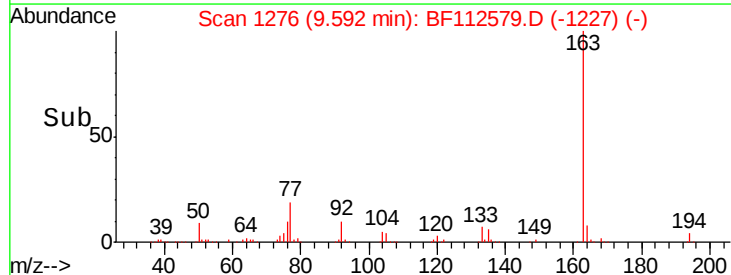
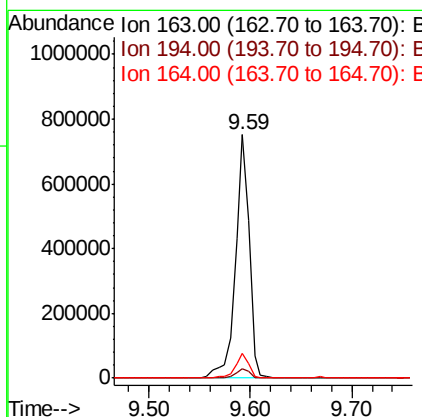
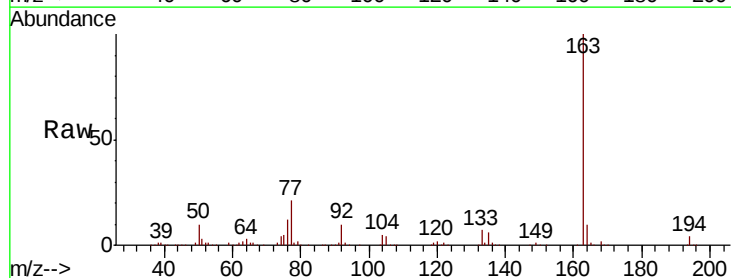
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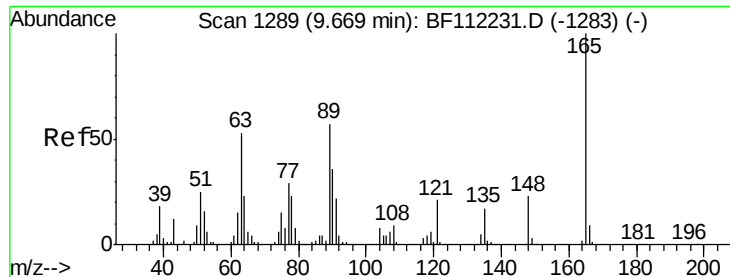
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#50
Dimethylphthalate
Concen: 40.685 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.4	8.5	12.7





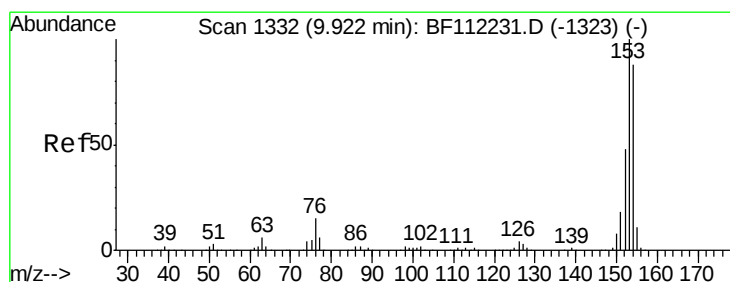
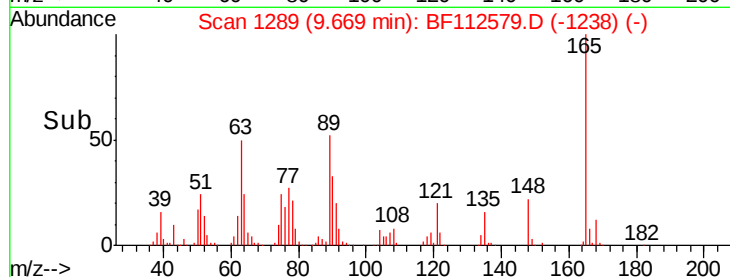
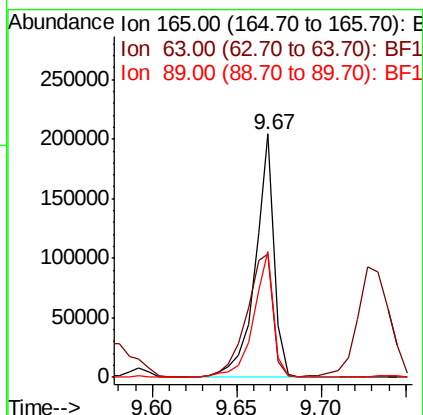
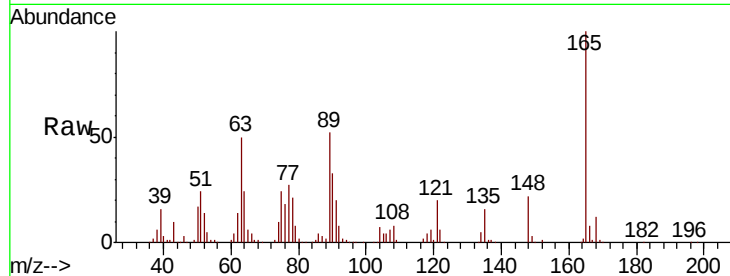
#51
2,6-Dinitrotoluene
Concen: 41.209 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	159433		
63	50.5		33.8	50.8
89	51.8		36.9	55.3

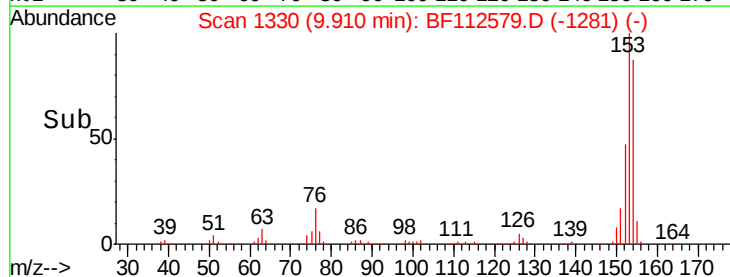
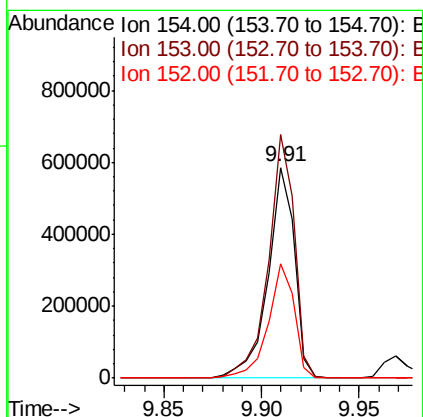
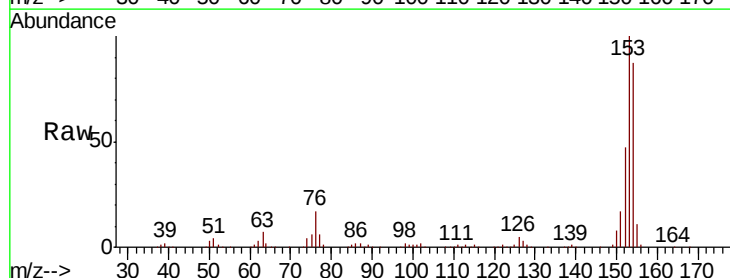
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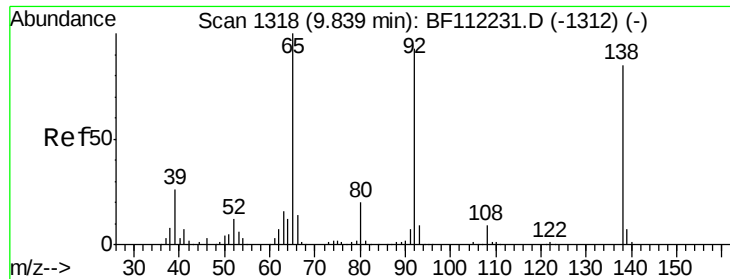
Sohil
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#52
Acenaphthene
Concen: 41.817 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	551898		
153	115.4		89.8	134.6
152	54.1		43.5	65.3





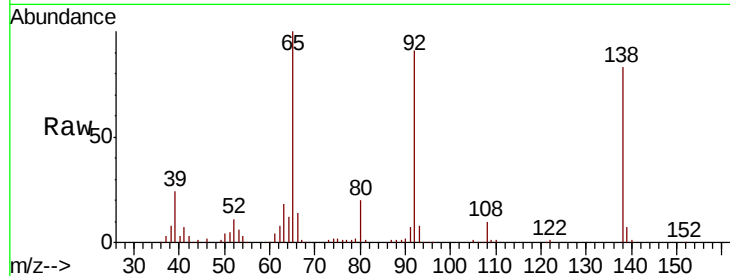
#53
3-Nitroaniline
Concen: 26.133 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	109.1	79.4	119.2

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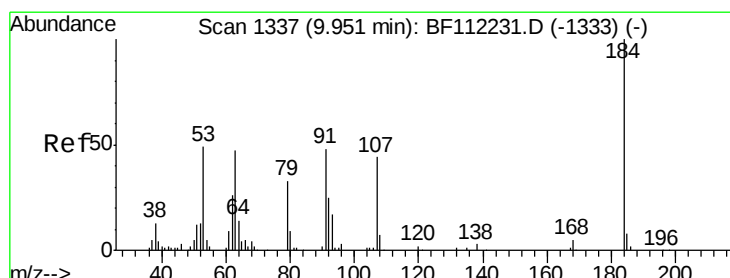
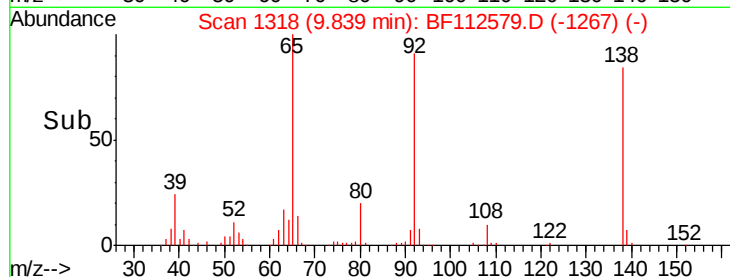
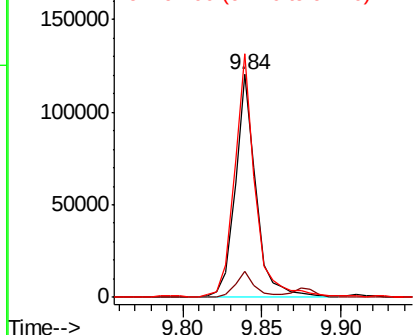


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 86.806 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

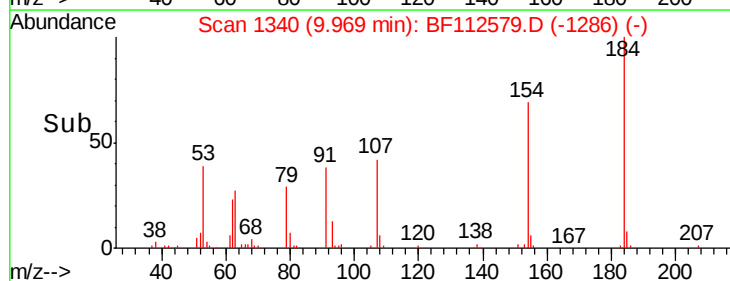
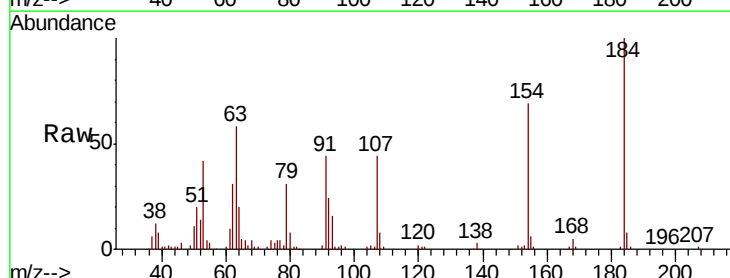
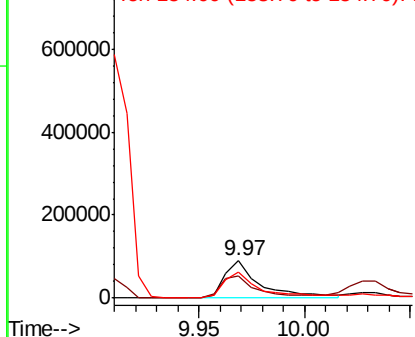
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	47.1	70.7
154	69.1	48.9	73.3

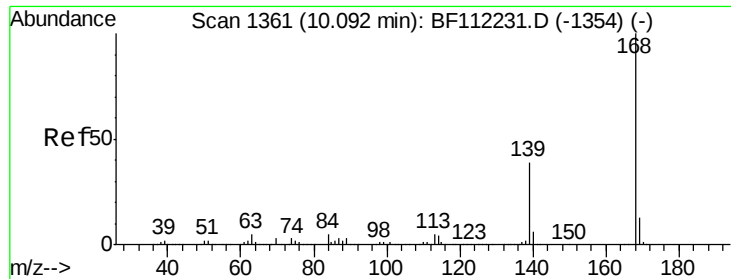
Abundance

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





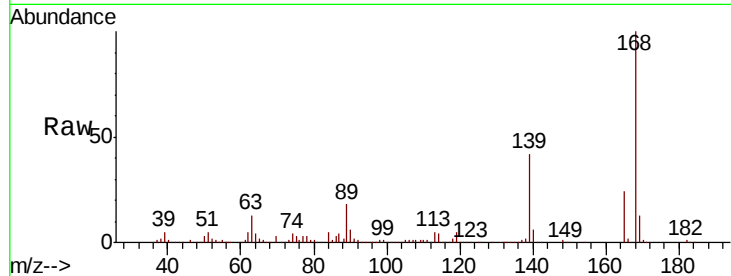
#55
Dibenzenofuran
Concen: 40.650 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.8	29.2	43.8	
169	13.2	11.4	17.0	

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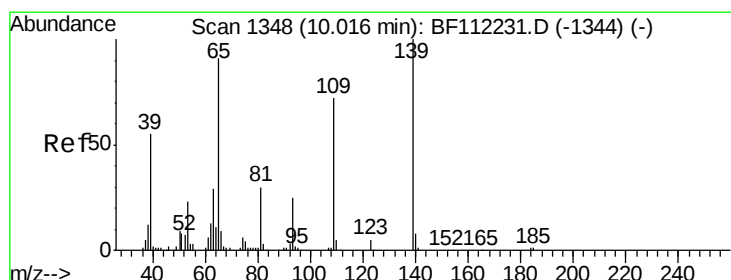
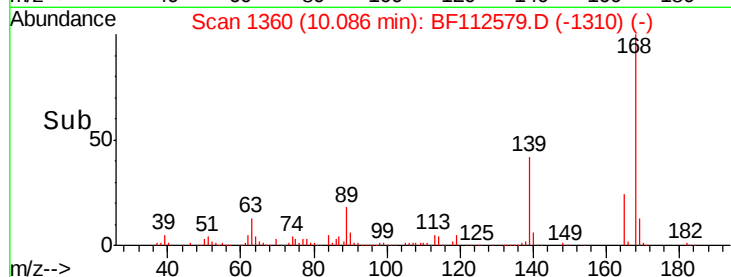
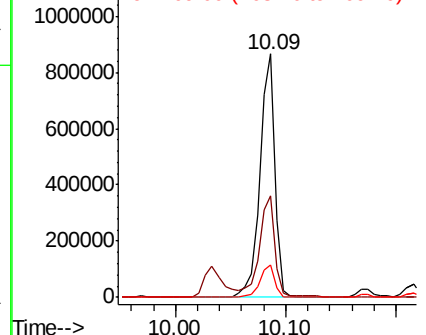


Abundance

Ion 168.00 (167.70 to 168.70): E

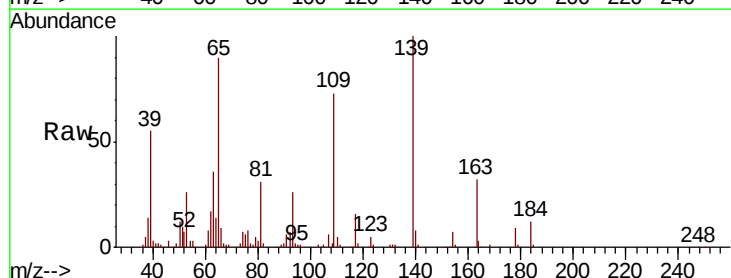
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.824 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.6	42.8	82.8	
65	90.0	66.1	106.1	

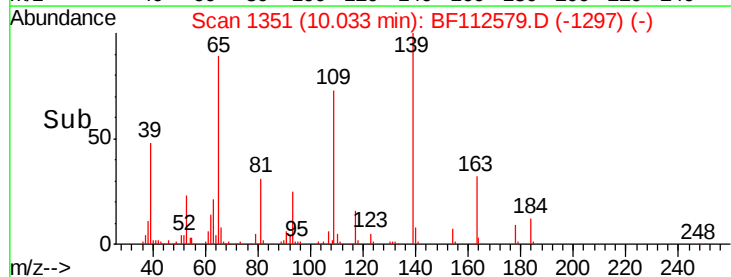
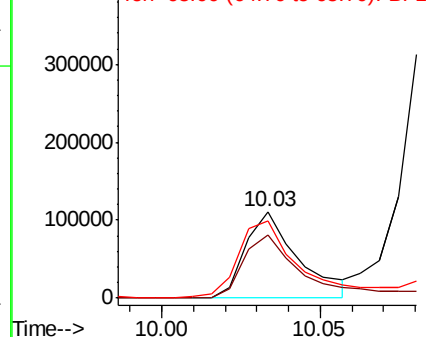


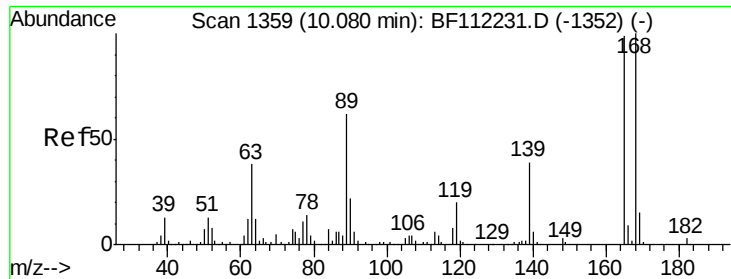
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





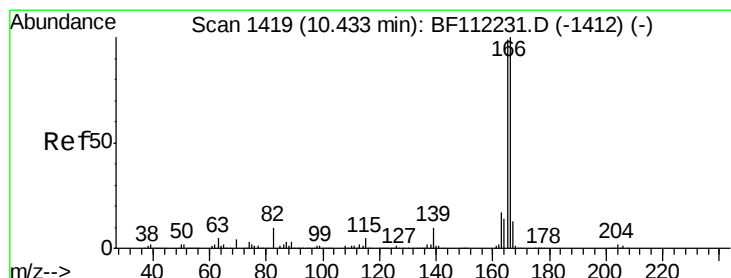
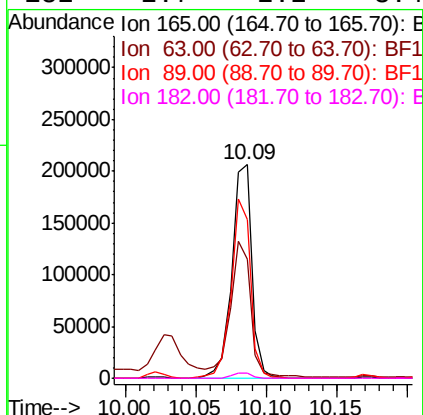
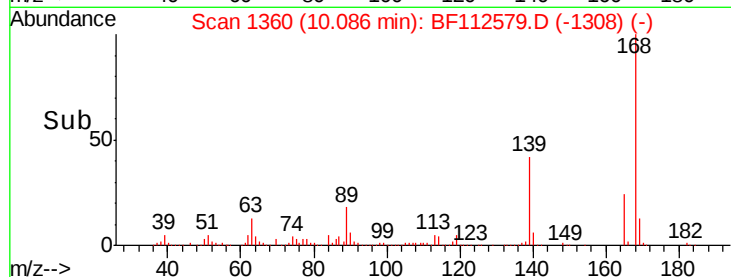
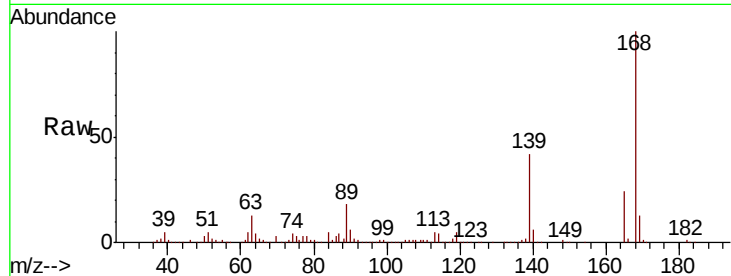
#57
2,4-Dinitrotoluene
Concen: 41.444 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.6	27.9	41.9#	
89	74.3	47.9	71.9#	
182	2.7	2.2	3.4	

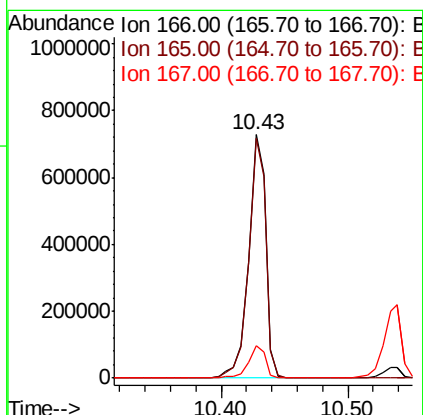
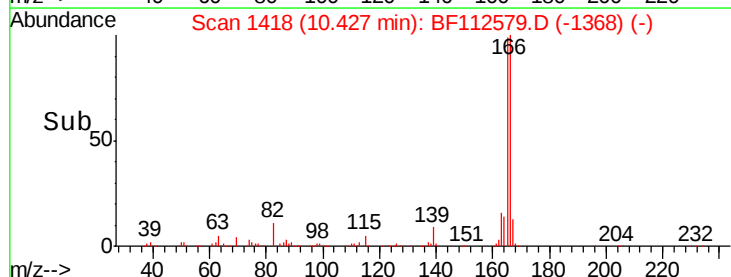
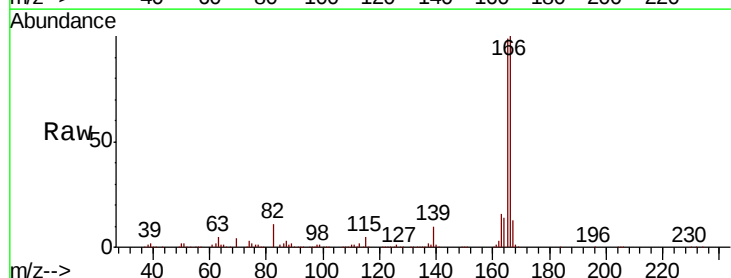
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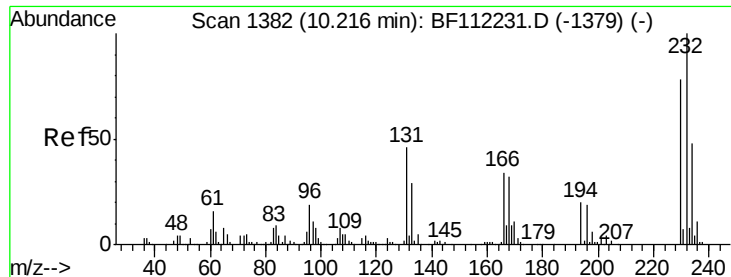
Sohil
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#58
Fluorene
Concen: 45.191 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	77.1	115.7	
167	13.3	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.777 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

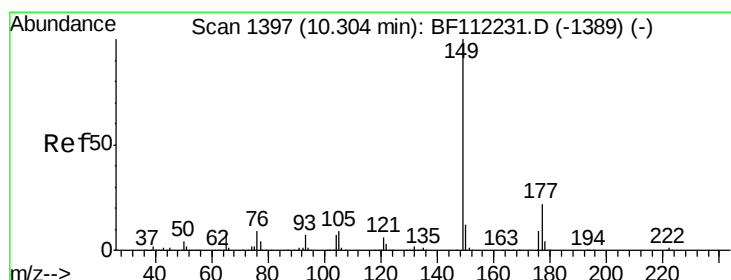
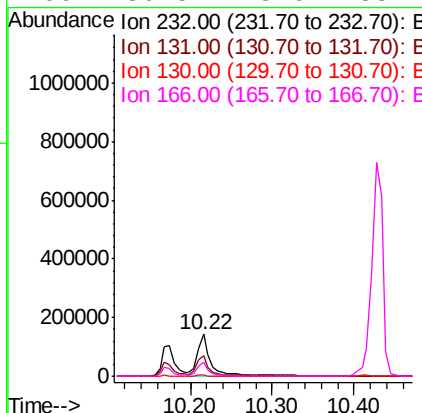
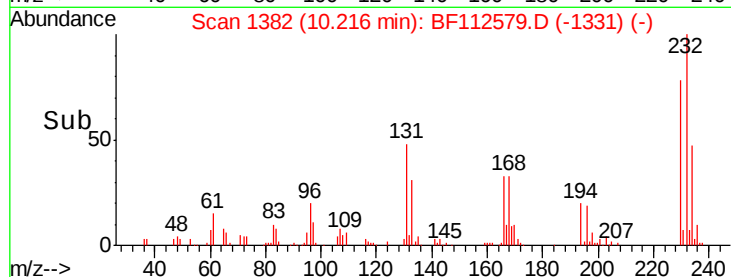
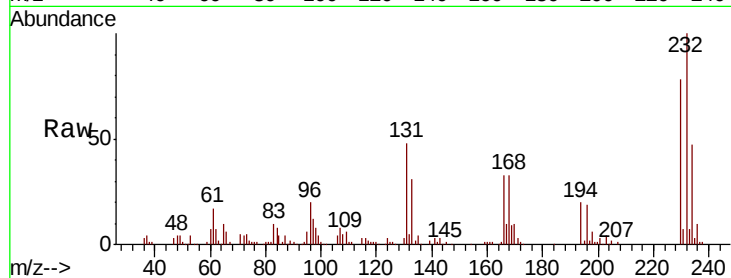
ClientSampled :

PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159143		
131	43.7		33.9	50.9
130	2.5		1.8	2.6
166	30.5		23.6	35.4

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#60

Diethylphthalate

Concen: 42.443 ng

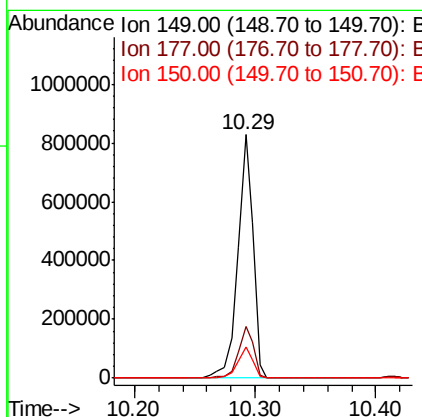
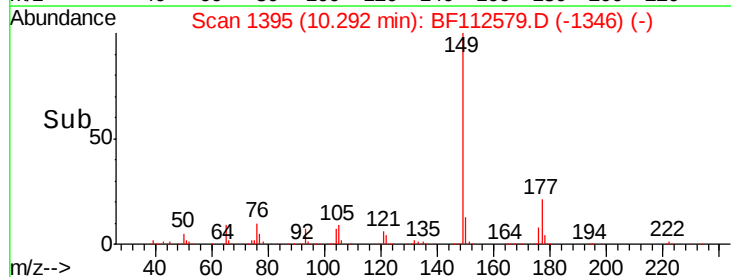
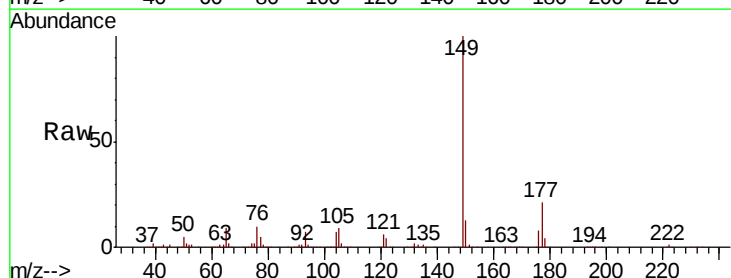
RT: 10.29 min Scan# 1395

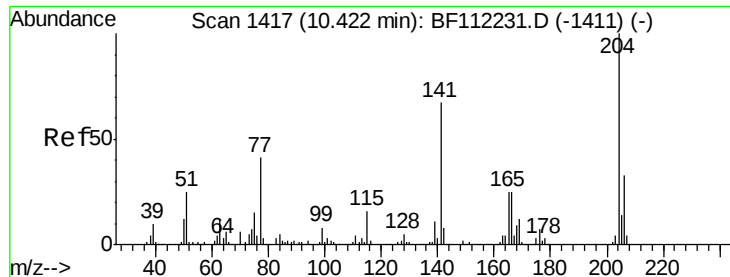
Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	727617		
177	21.2		18.2	27.2
150	12.8		10.4	15.6





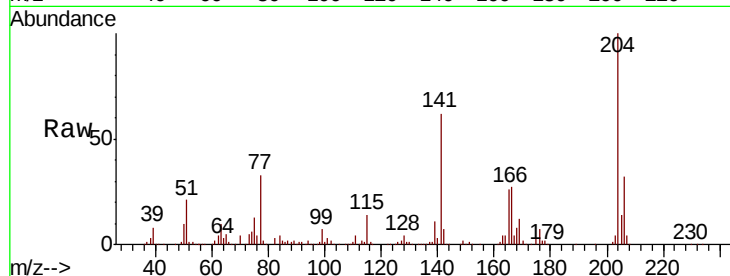
#61
4-Chlorophenyl-phenylether
Concen: 40.123 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	62.1	45.9	68.9

Manual Integrations
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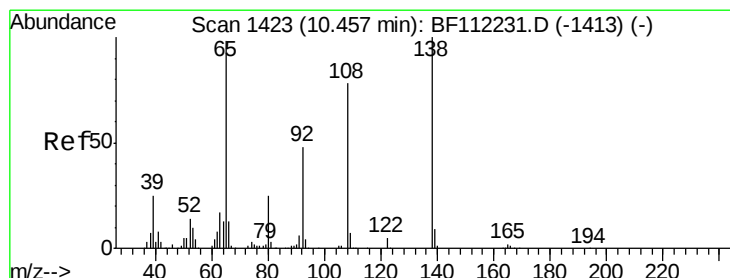
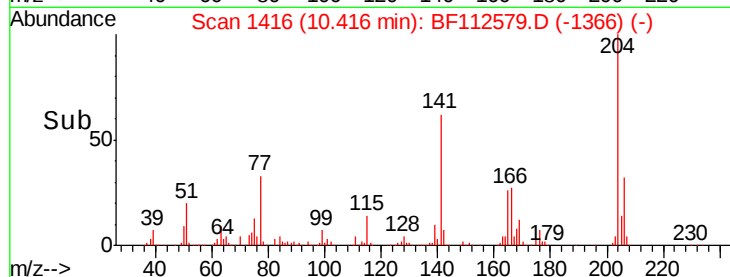
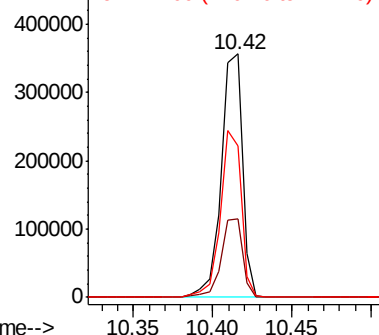


Abundance

Ion 204.00 (203.70 to 204.70): E

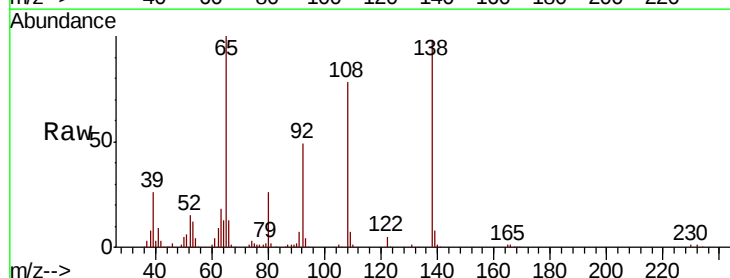
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.849 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.6	70.6
108	79.2	50.0	90.0

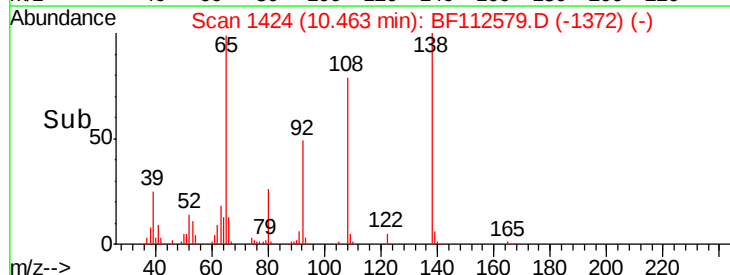
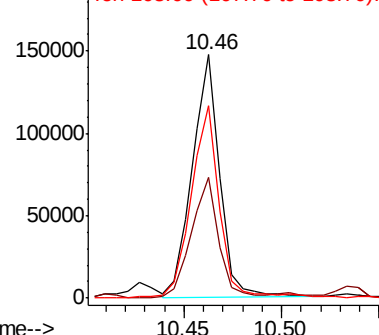


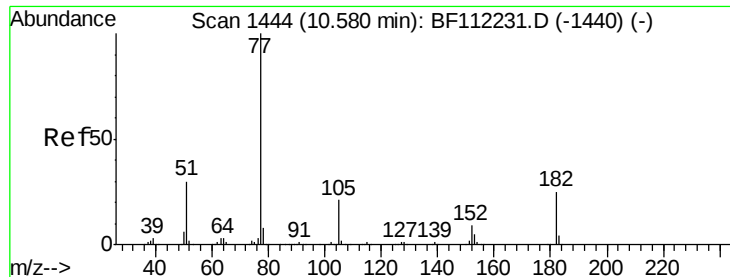
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





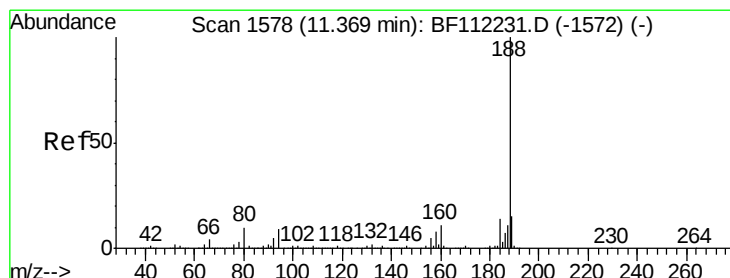
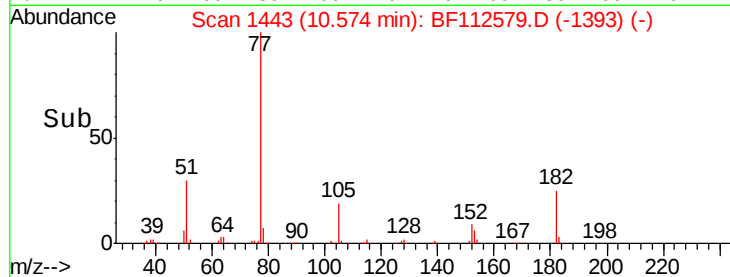
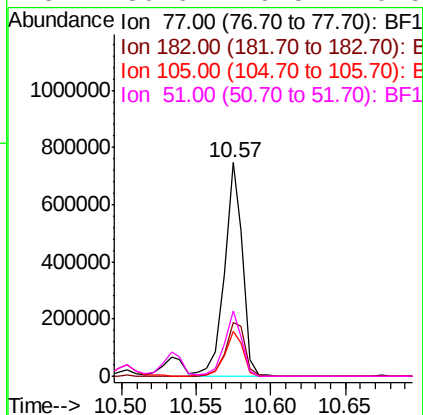
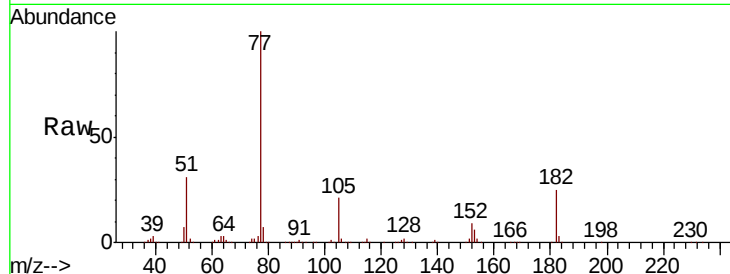
#63
Azobenzene
Concen: 42.287 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.7	45.7
105	20.9	1.4	41.4
51	30.6	9.5	49.5

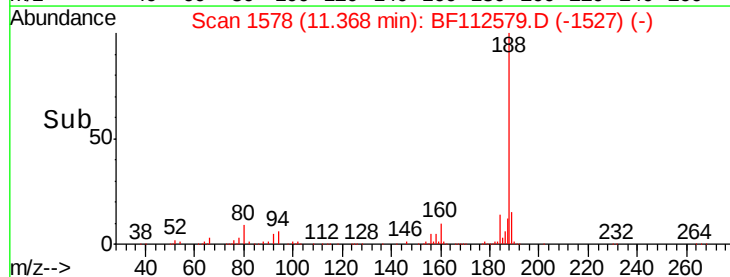
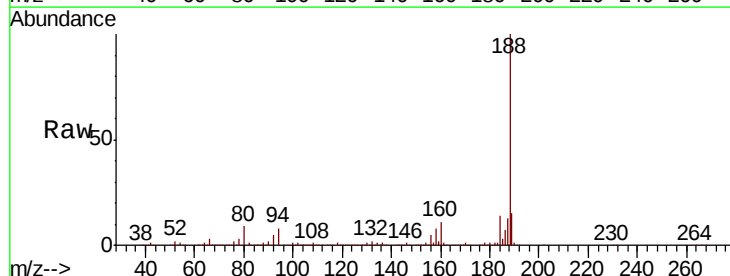
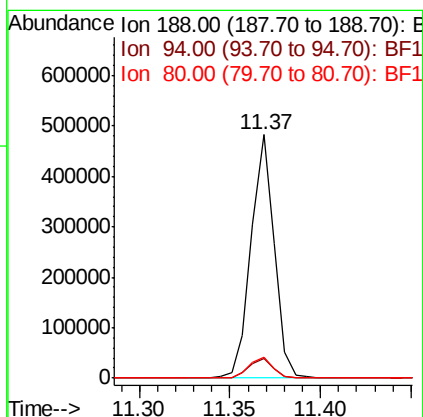
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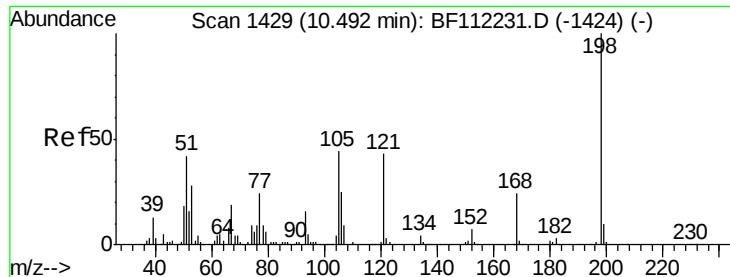
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.8	8.9	13.3#





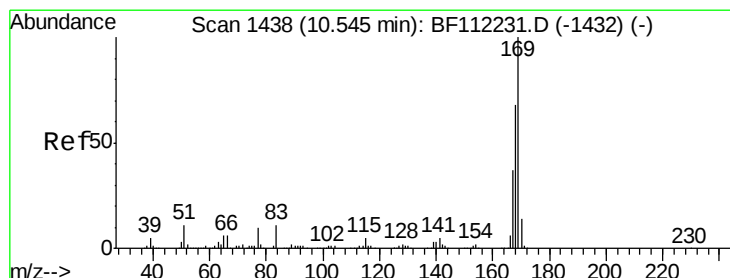
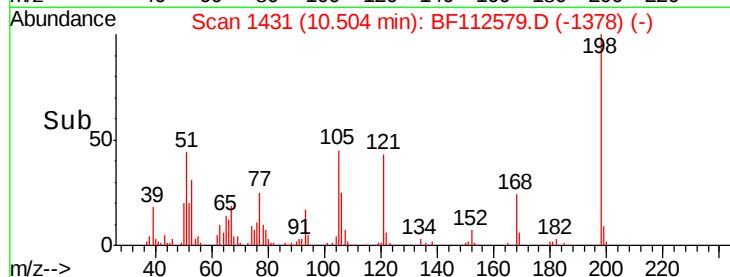
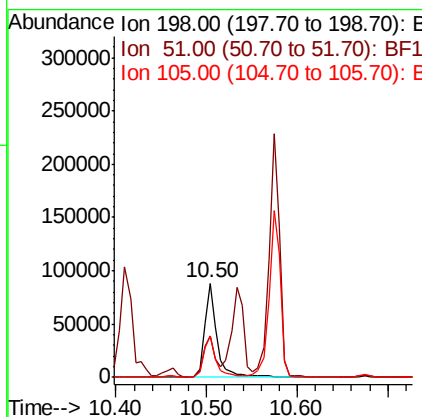
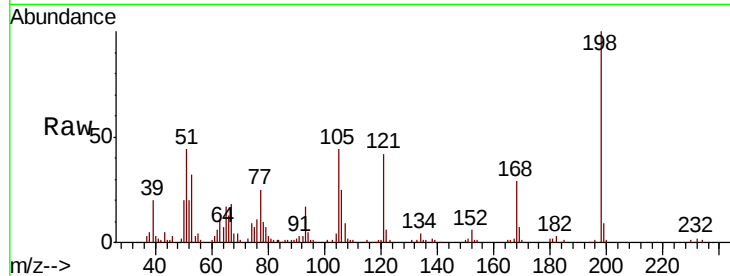
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.395 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	85456		
51	43.6	17.2	57.2	
105	44.5	21.9	61.9	

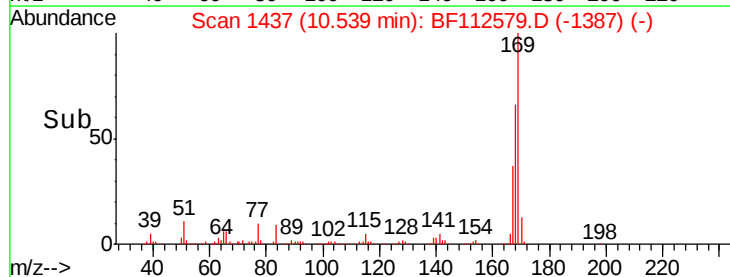
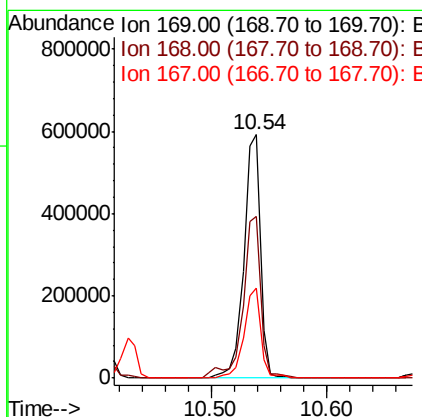
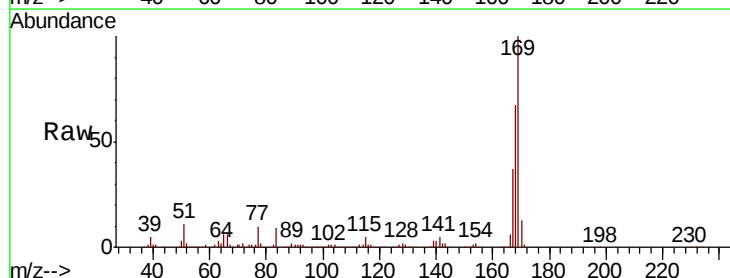
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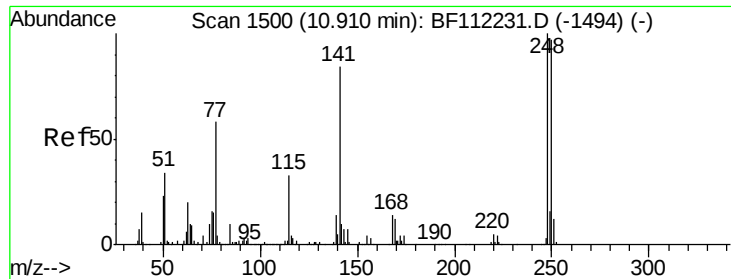
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#66
 n-Nitrosodiphenylamine
 Concen: 40.740 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	591260		
168	66.7	53.9	80.9	
167	36.8	28.9	43.3	





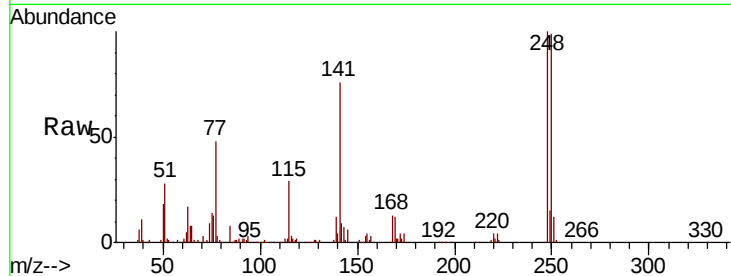
#67
4-Bromophenyl-phenylether
Concen: 39.758 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.7	119.5
141	75.8	60.3	90.5

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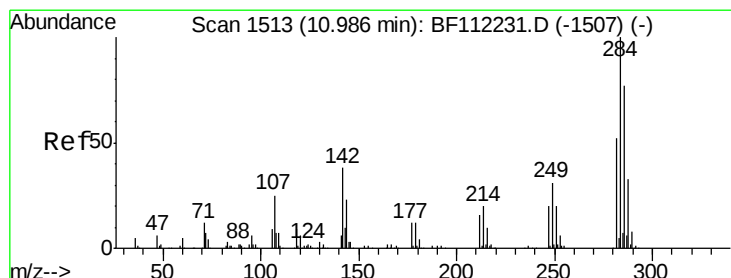
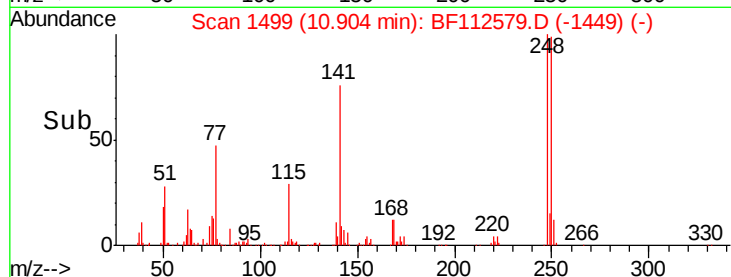
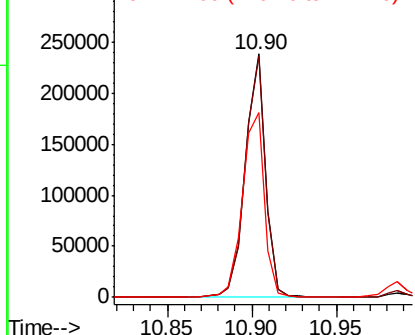


Abundance

Ion 248.00 (247.70 to 248.70): E

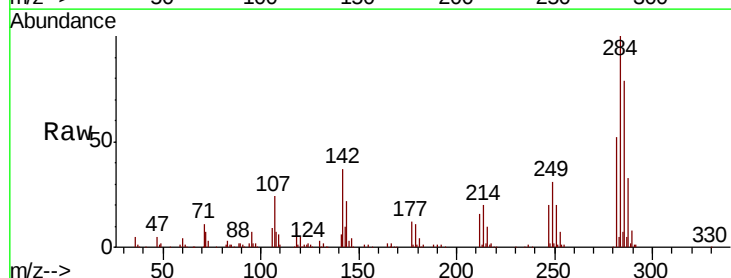
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.087 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	27.6	41.4
249	30.8	24.1	36.1

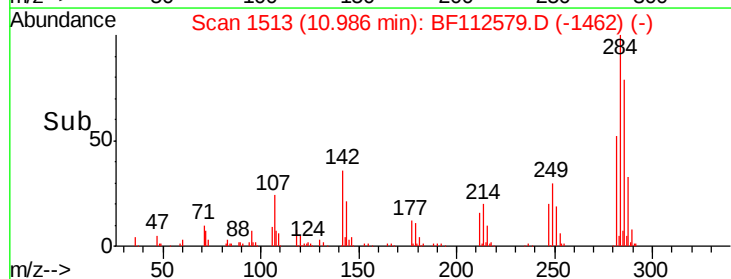
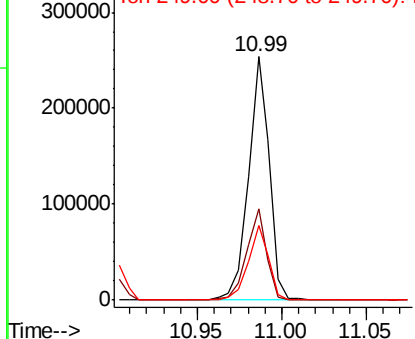


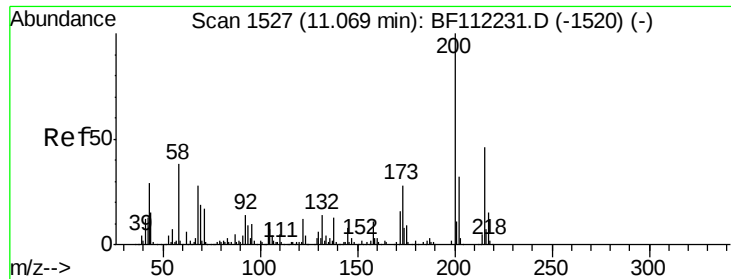
Abundance

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





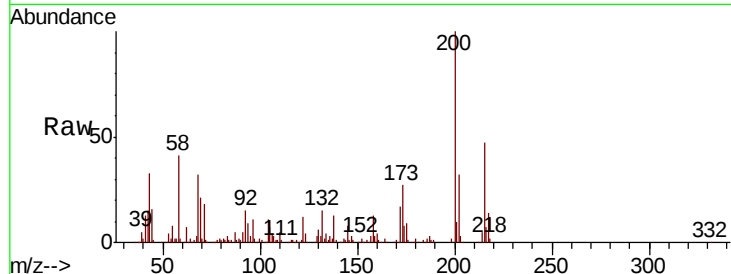
#69
Atrazine
Concen: 41.172 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampled :
PB117127BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.1	47.1
215	46.9	30.4	70.4

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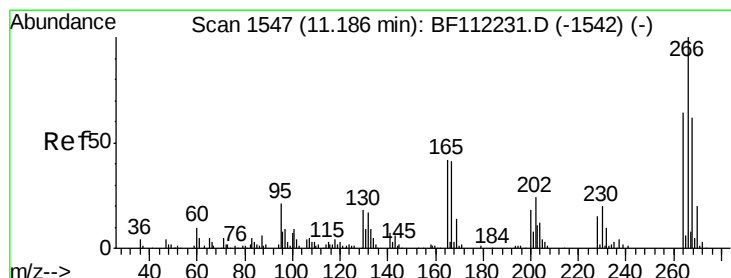
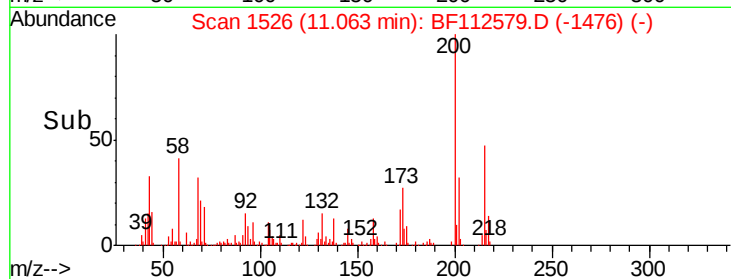
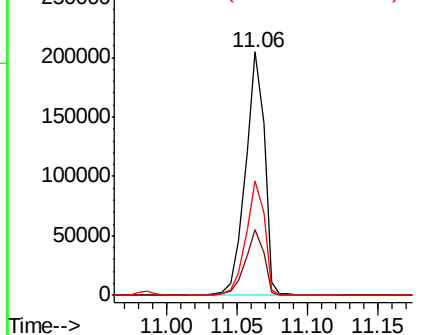


Abundance

Ion 200.00 (199.70 to 200.70): E

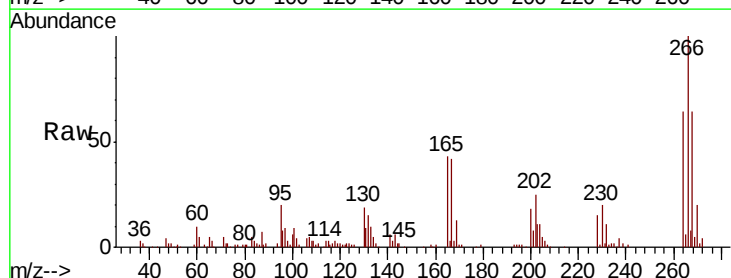
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 64.310 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.2	76.8
264	64.4	50.9	76.3

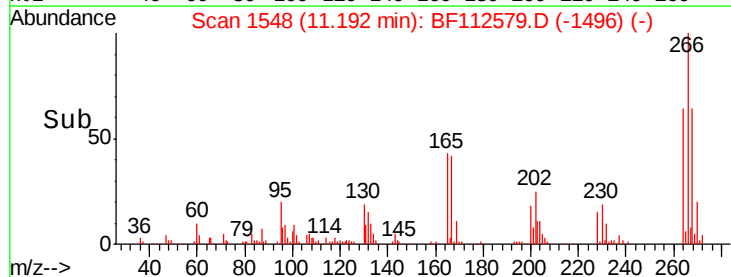
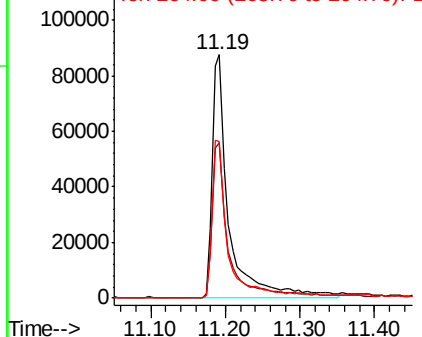


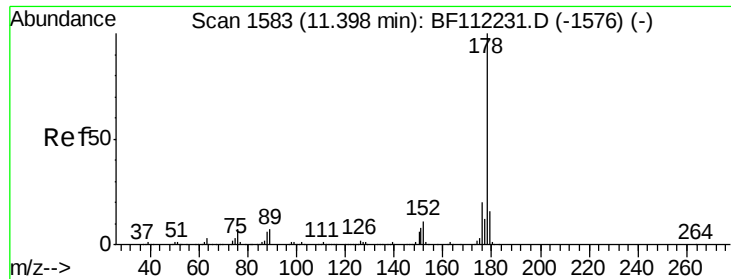
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.007 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

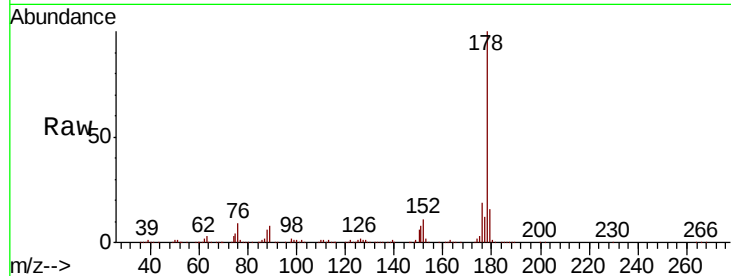
ClientSampleId :

PB117127BS

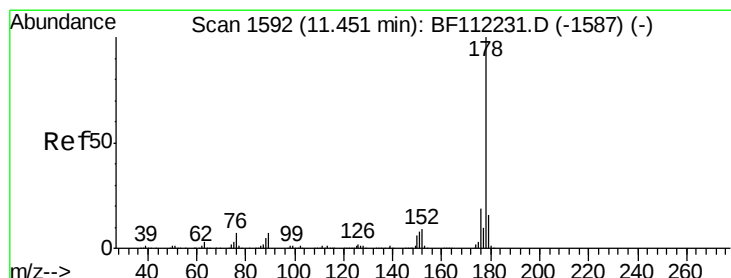
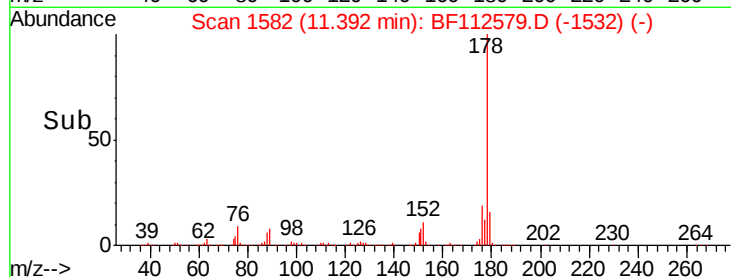
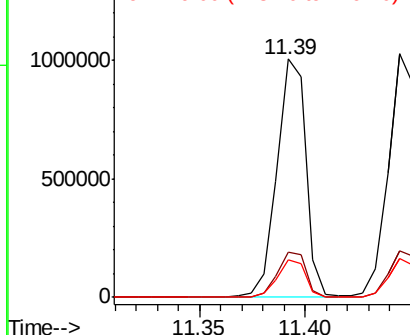
Tot Ion:178	Resp:	962808
Ion Ratio	Lower	Upper
178	100	
176	19.1	16.3 24.5
179	15.6	13.0 19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.446 ng

RT: 11.44 min Scan# 1591

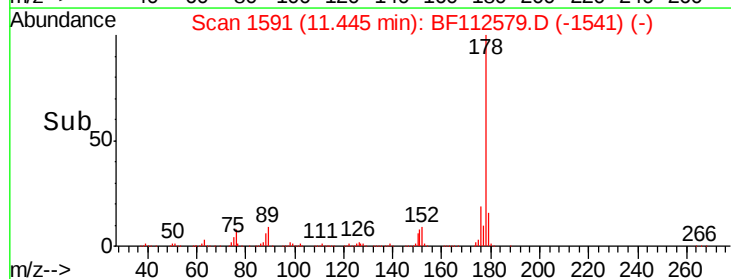
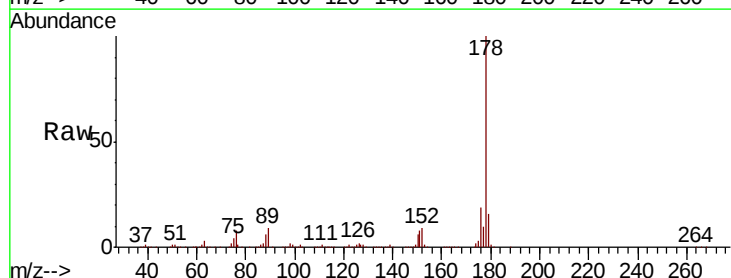
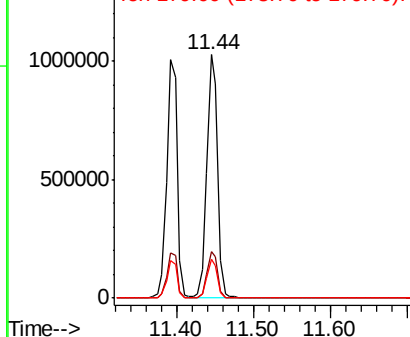
Delta R.T. -0.01 min

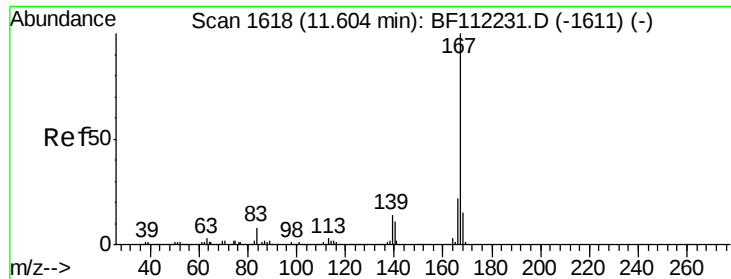
Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:178	Resp:	991173
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.5 23.3
179	15.9	12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





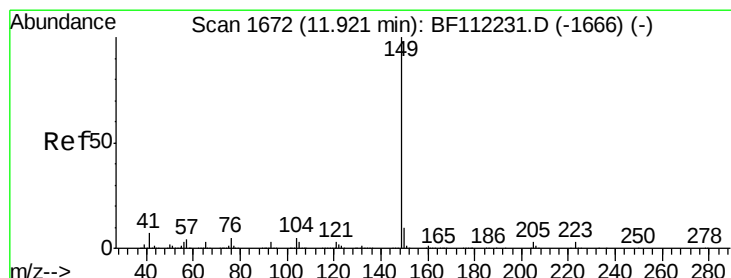
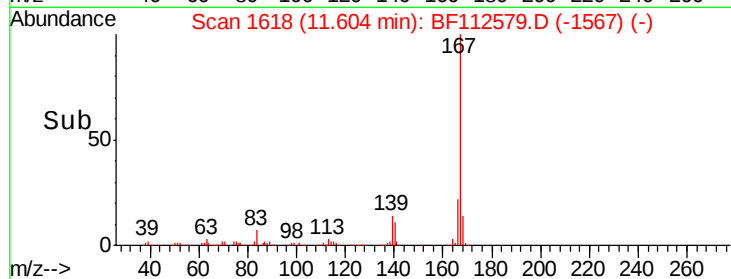
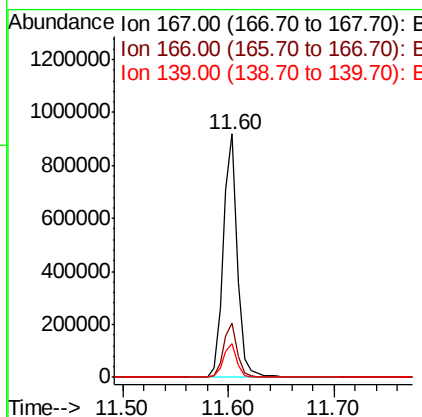
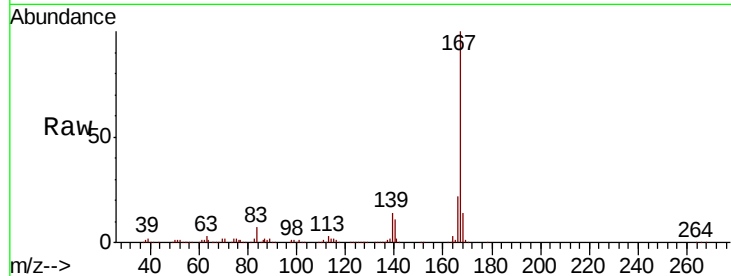
#73
 Carbazole
 Concen: 38.861 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.6	10.2	15.2

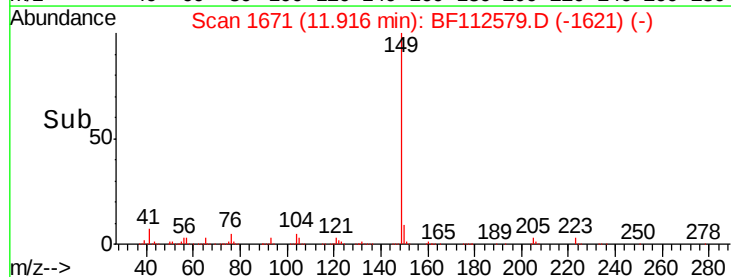
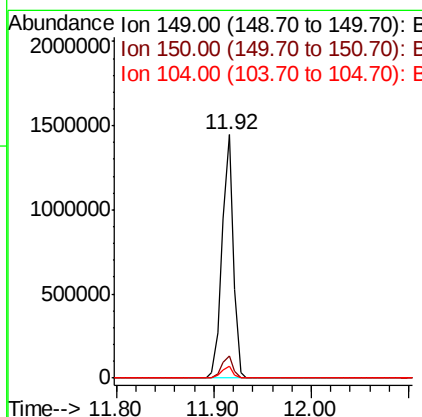
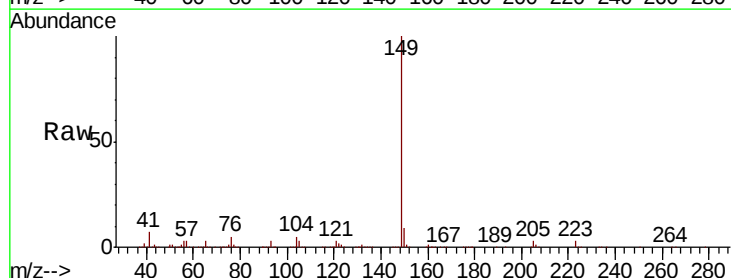
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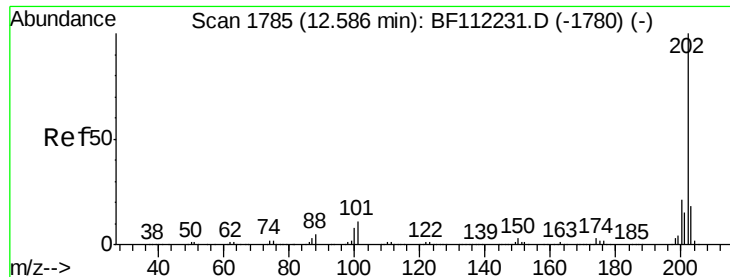
Sohil
 2/18/2019 12:06:28 PM



#74
 Di-n-butylphthalate
 Concen: 42.354 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	5.0	3.9	5.9





#75

Fluoranthene

Concen: 40.439 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

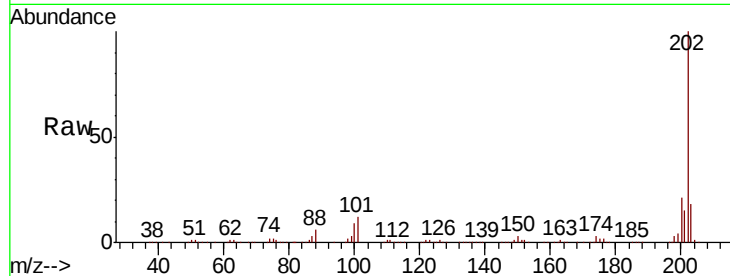
ClientSampled :

PB117127BS

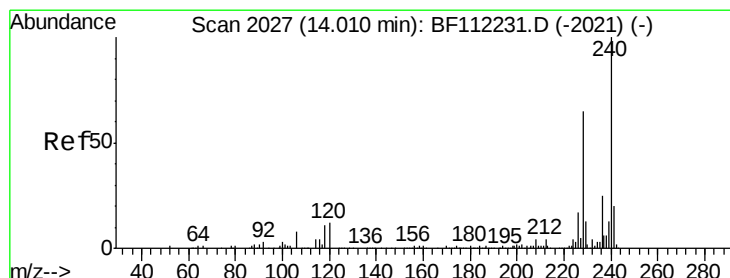
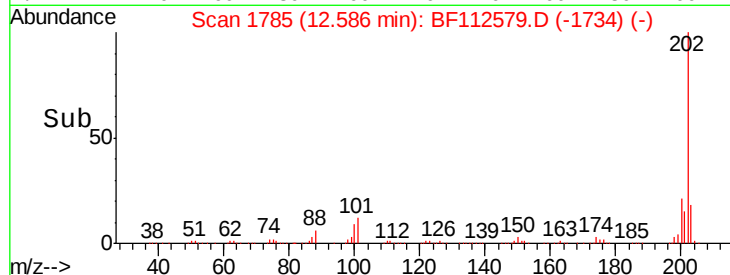
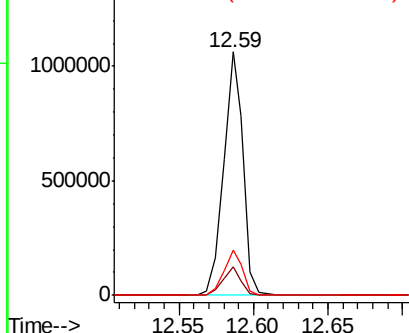
Tot Ion	Ratio	Resp	Lower	Upper
202	100	971008		
101	11.7	0.0	31.8	
203	18.3	0.0	38.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

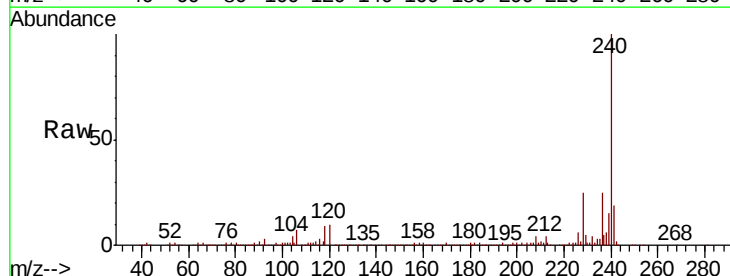
RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

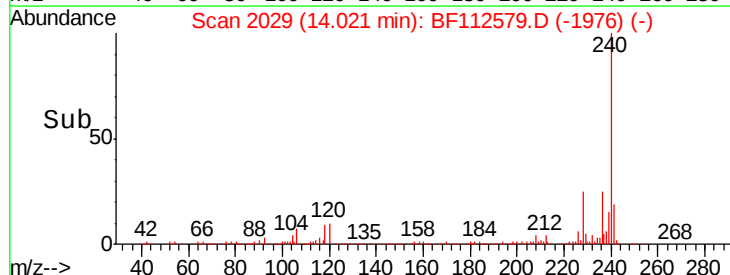
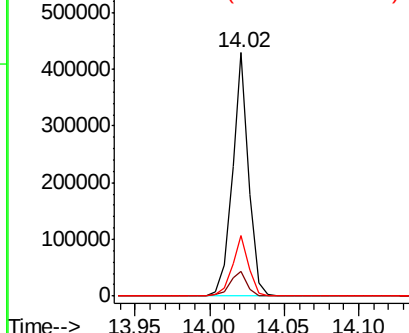
Lab File: BF112579.D

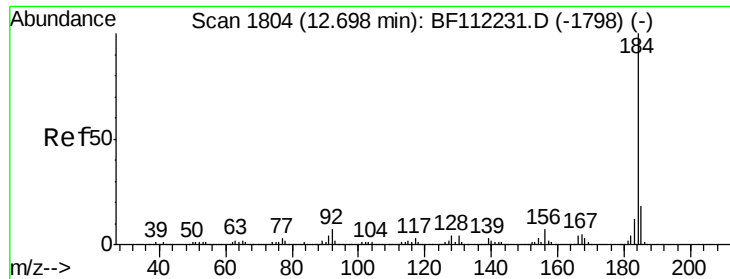
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328303		
120	10.3	9.0	13.6	
236	24.8	20.7	31.1	



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





#77

Benzidine

Concen: 35.567 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

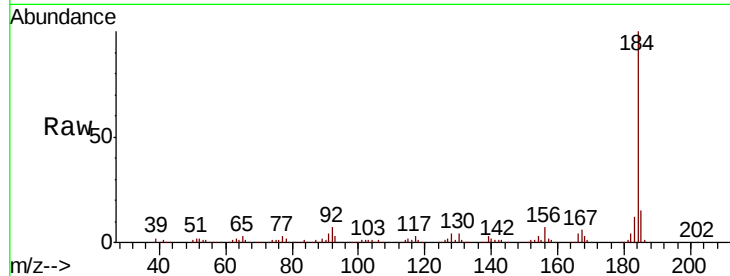
ClientSampleId :

PB117127BS

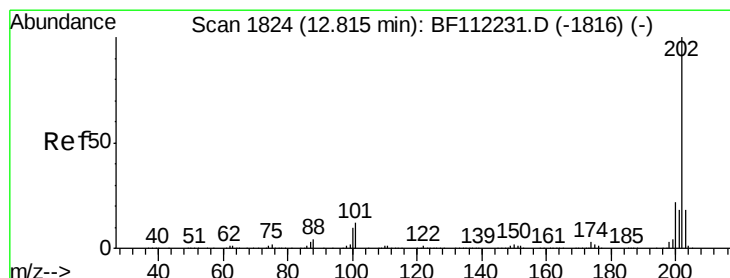
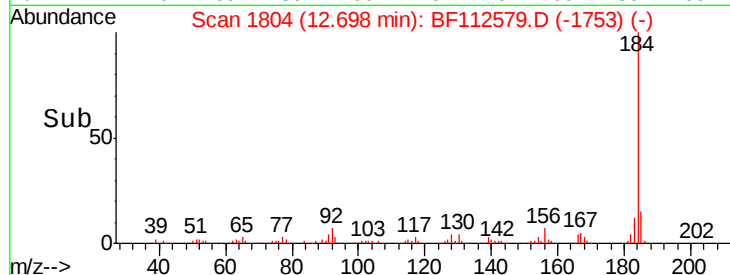
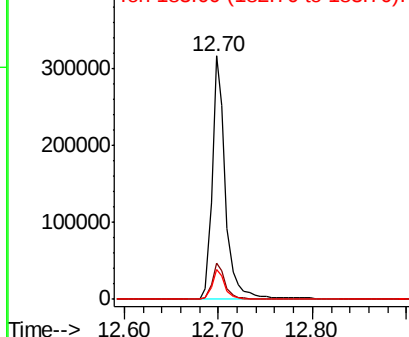
Tot Ion:	184	Resp:	321382
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.9	20.9
183	12.1	10.0	15.0

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



#78

Pyrene

Concen: 43.062 ng

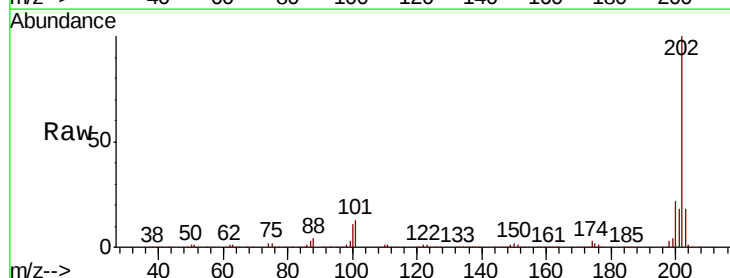
RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

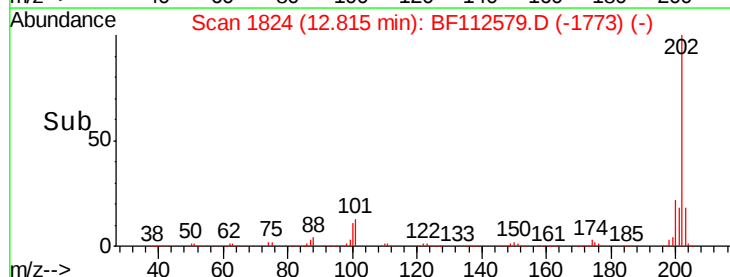
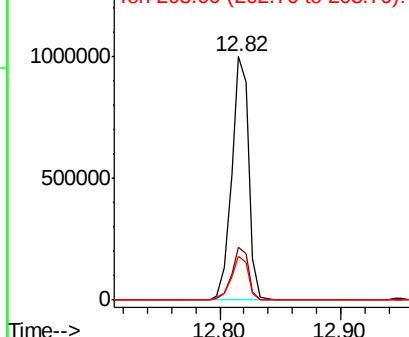
Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	202	Resp:	978792
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	18.1	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





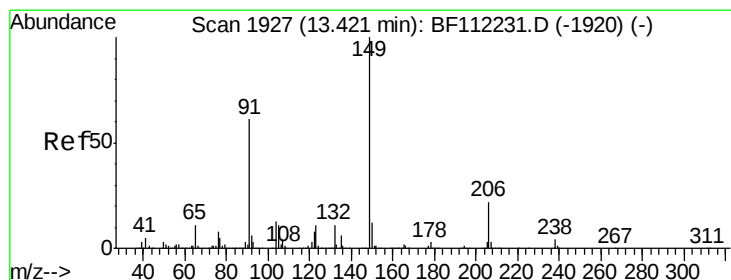
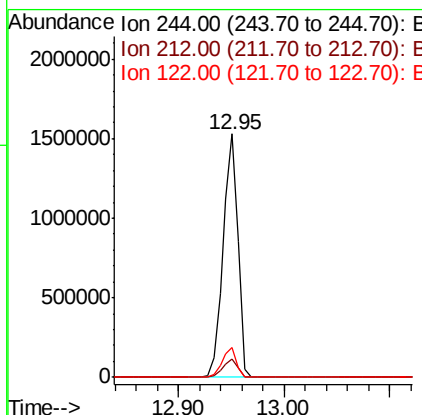
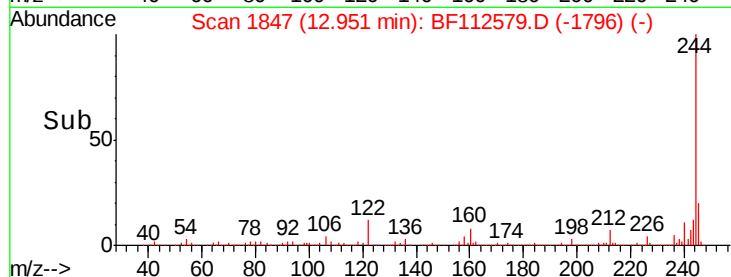
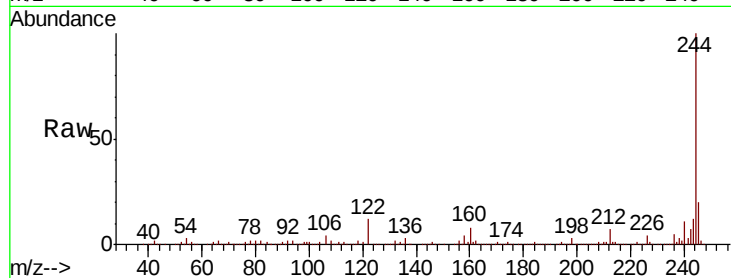
#79
 Terphenyl-d14
 Concen: 85.979 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.1	9.8	14.6

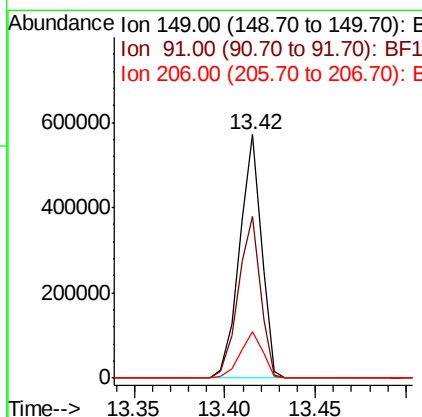
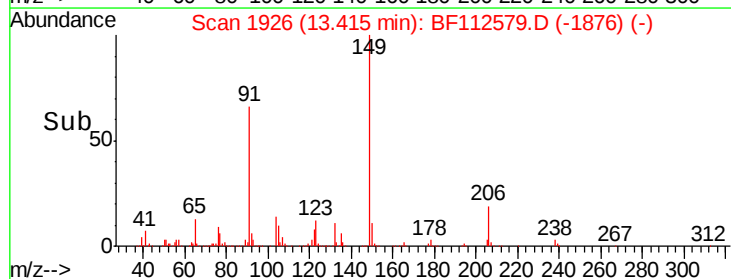
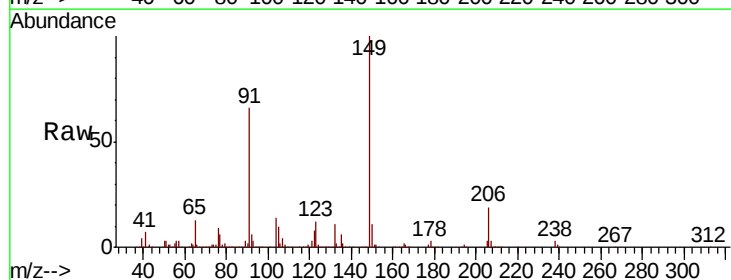
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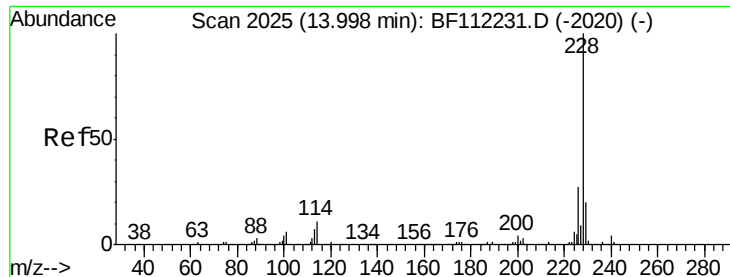
Sohil
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#80
 Butylbenzylphthalate
 Concen: 43.736 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	50.3	75.5
206	19.2	18.2	27.4





#81

Benzo(a)anthracene

Concen: 42.239 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

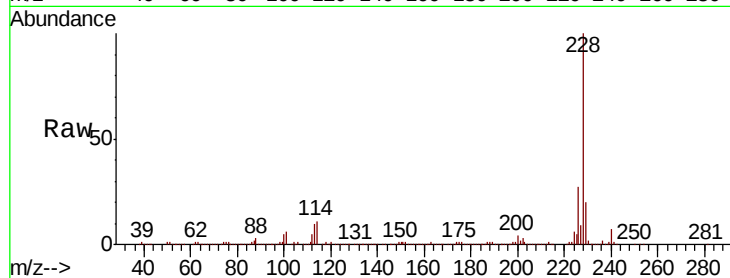
ClientSampleId :

PB117127BS

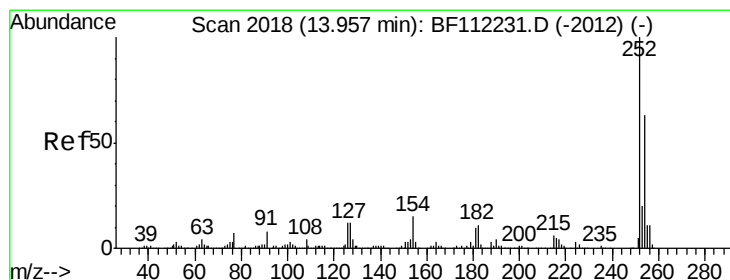
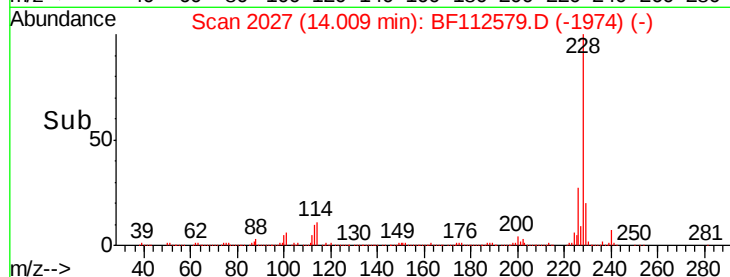
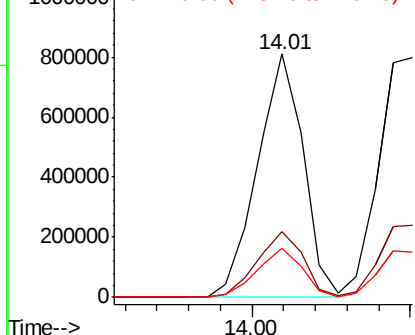
Tot Ion:	228	Resp:	815194
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	34.0
229	20.3	16.5	24.7

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.172 ng

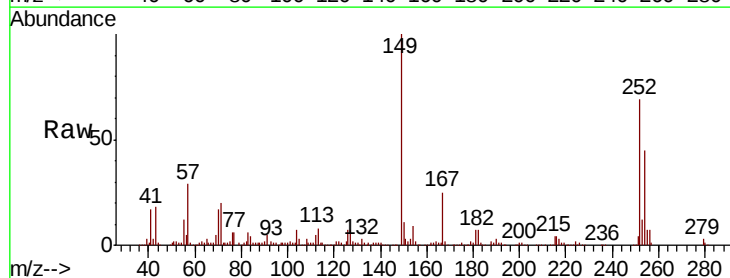
RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

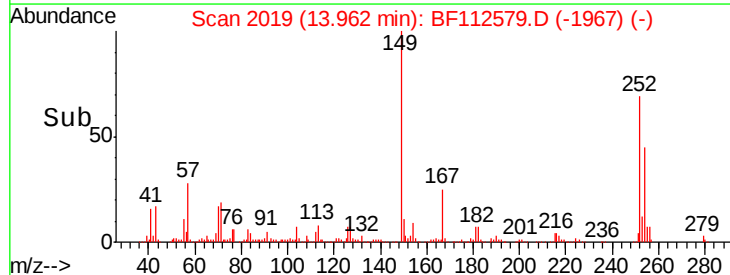
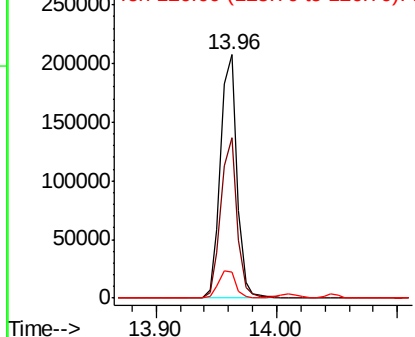
Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	252	Resp:	196255
Ion Ratio	Lower	Upper	
252	100		
254	66.0	51.6	77.4
126	10.8	8.6	12.8



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





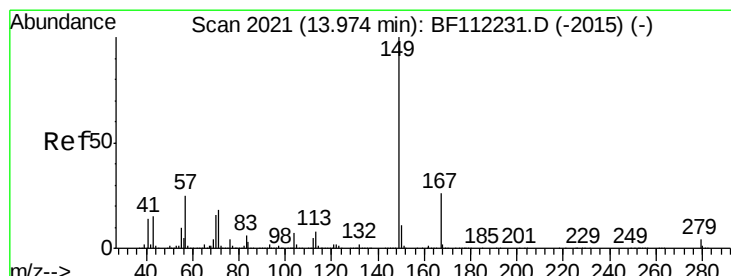
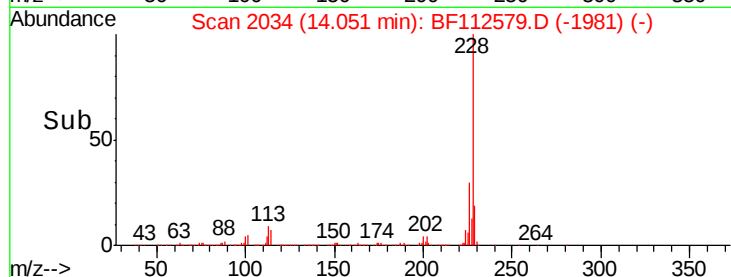
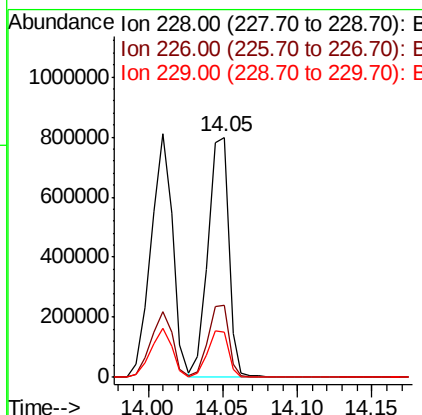
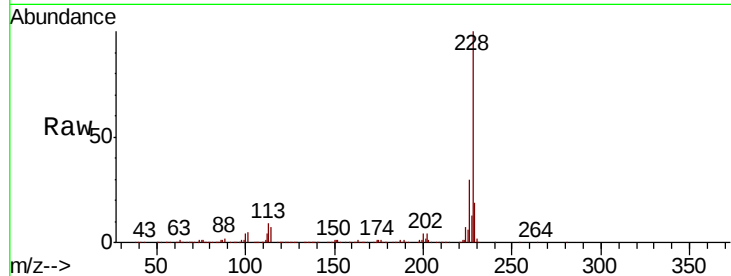
#83
 Chrvsene
 Concen: 41.854 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB117127BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	18.8	16.6	24.8

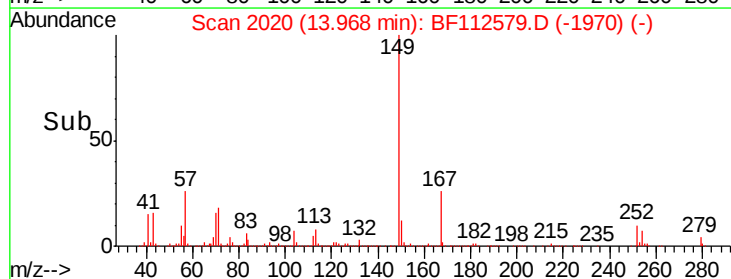
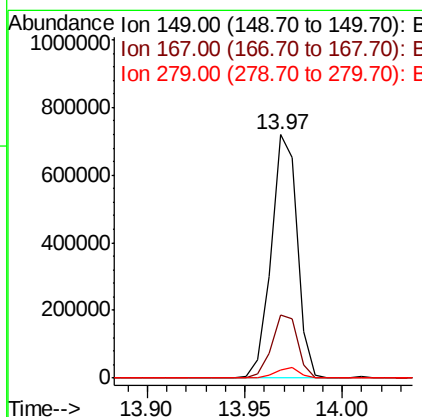
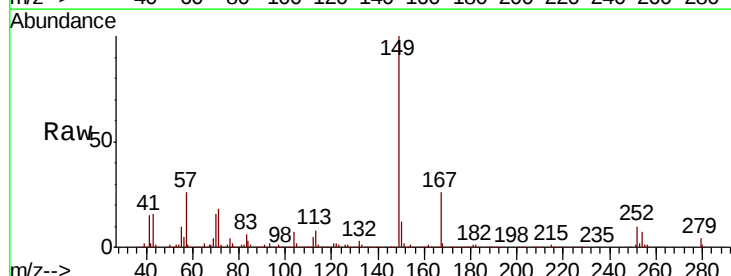
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.592 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112579.D
 Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.5	33.7
279	3.6	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 44.292 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

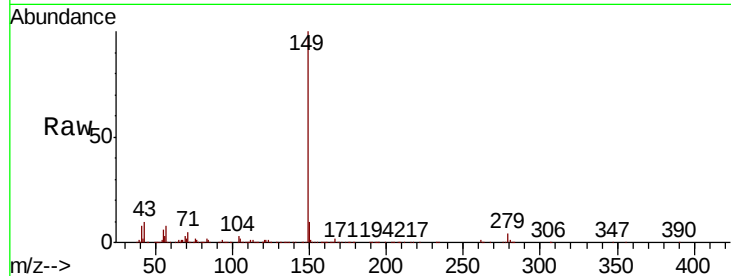
ClientSampleId :

PB117127BS

Tot Ion:	149	Resp:	1063747
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.8	7.8	11.6

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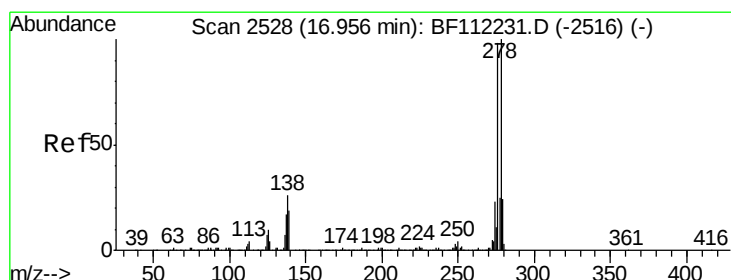
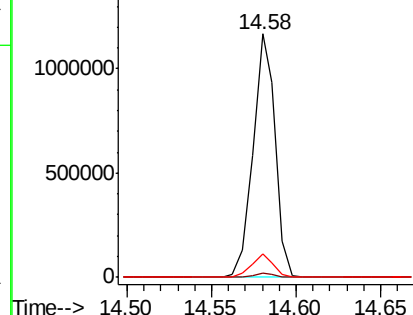
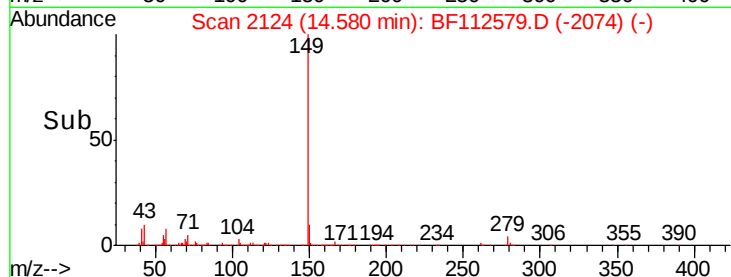


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.679 ng

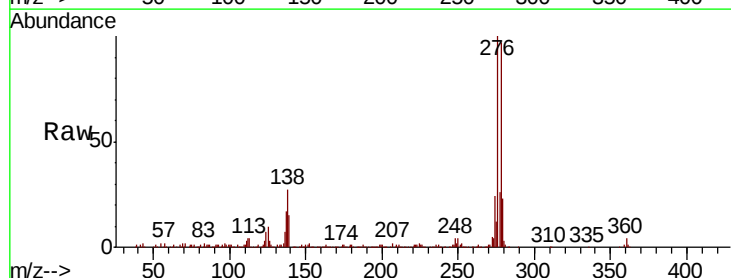
RT: 17.01 min Scan# 2537

Delta R.T. 0.05 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	276	Resp:	564615
Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	26.2	20.3	30.5

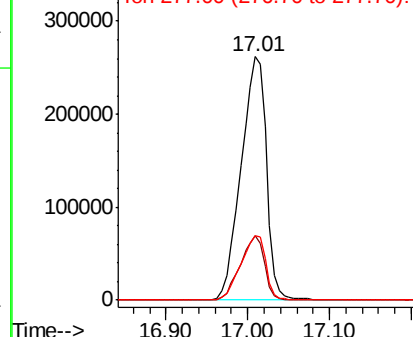
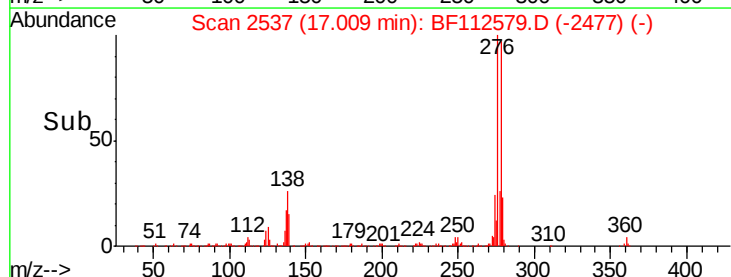


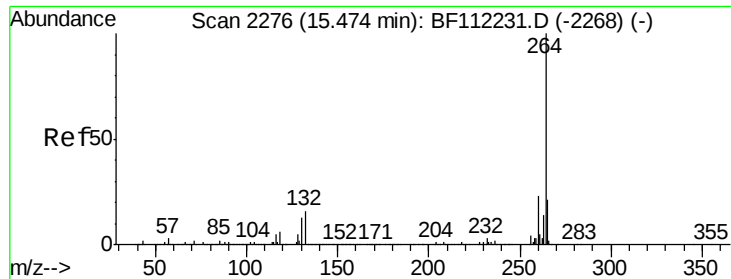
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





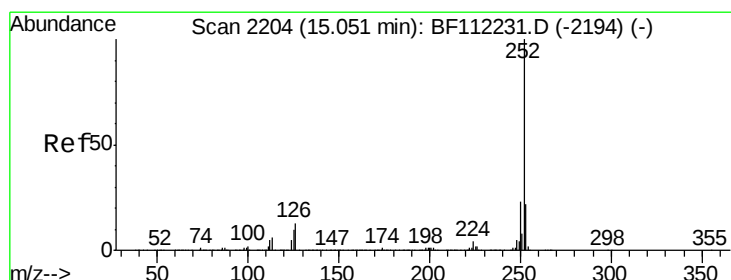
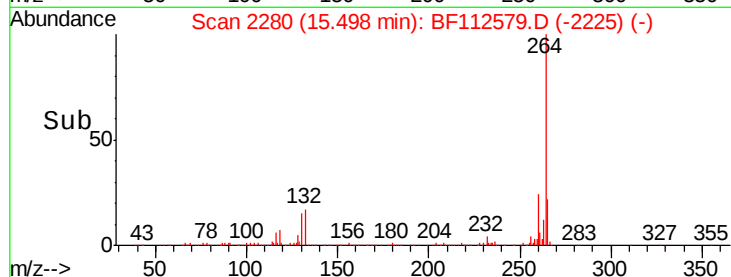
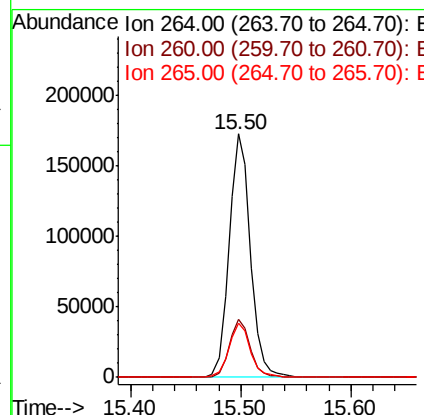
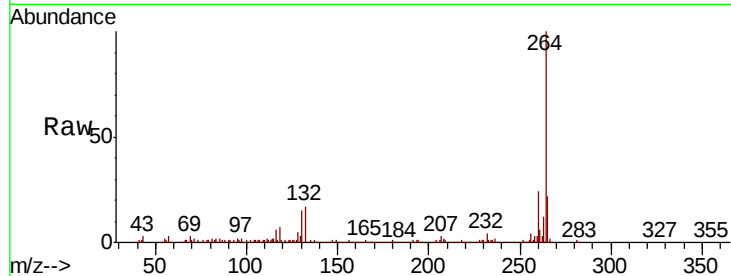
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.0	17.0	25.4

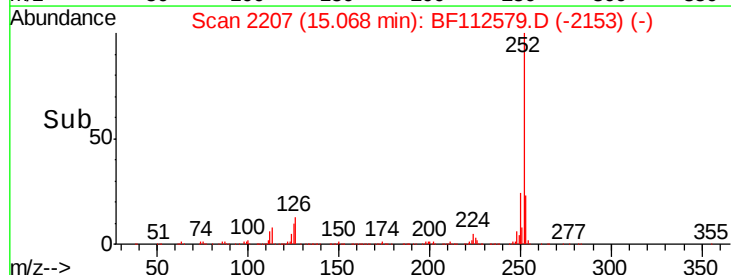
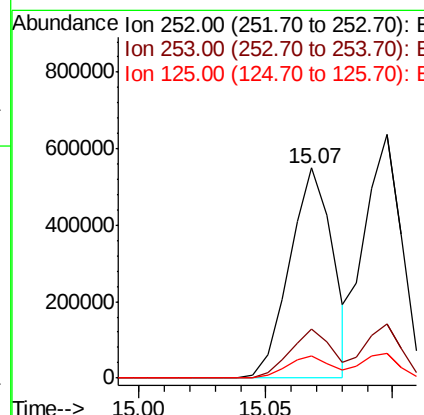
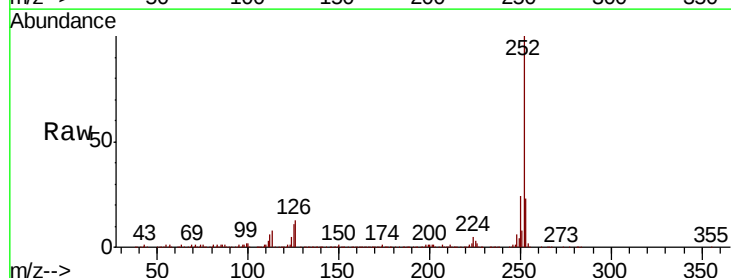
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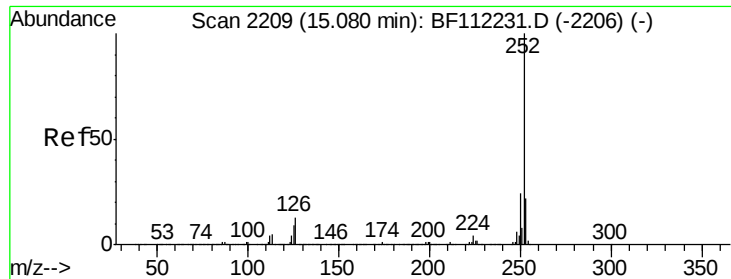
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.076 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	10.8	8.7	13.1





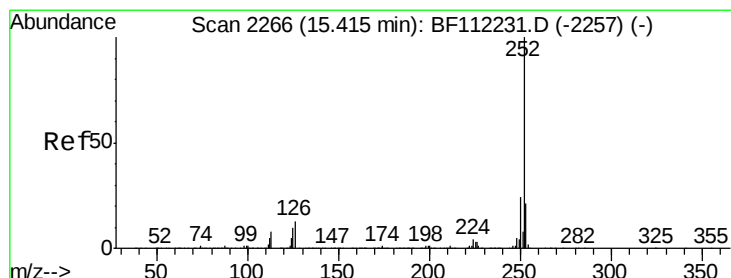
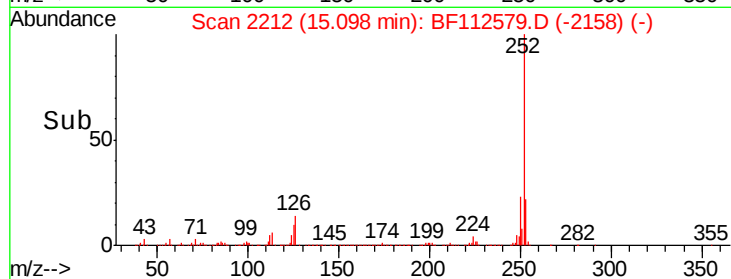
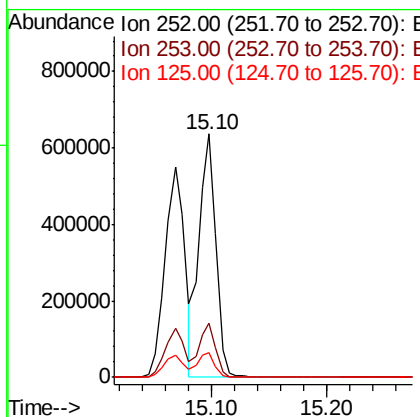
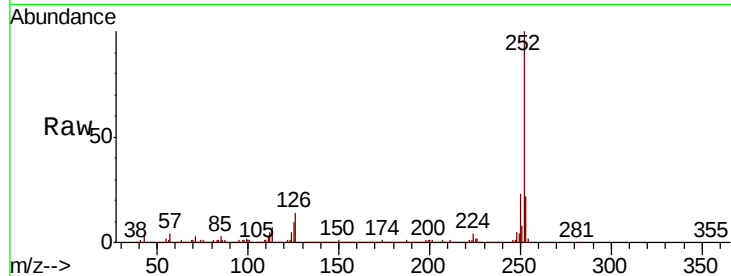
#89
Benzo(k)fluoranthene
Concen: 49.116 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB117127BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.9	9.1	13.7

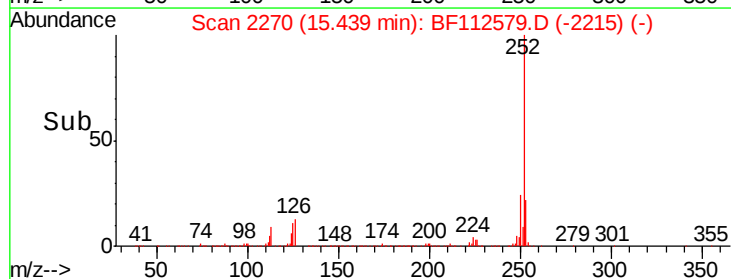
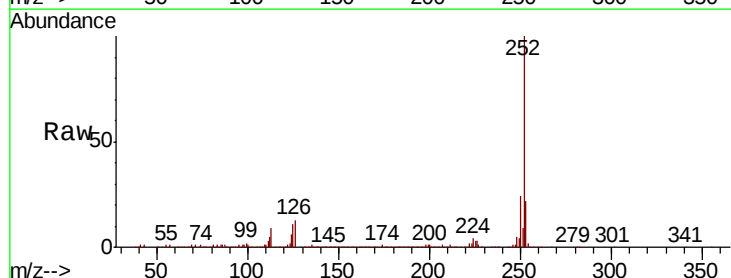
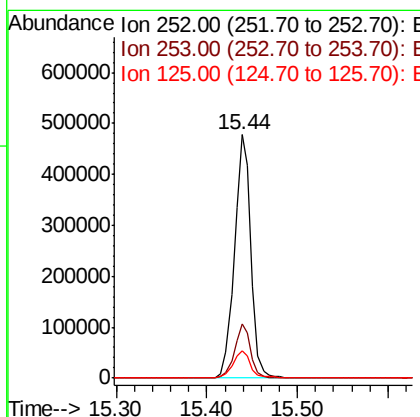
Manual Integrations
APPROVED

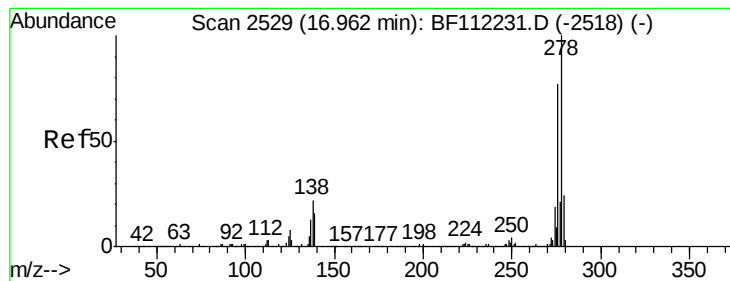
Sohil
2/18/2019 12:06:28 PM



#90
Benzo(a)pyrene
Concen: 48.321 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112579.D
Acq: 15 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.3	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.474 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.05 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Instrument :

BNA_F

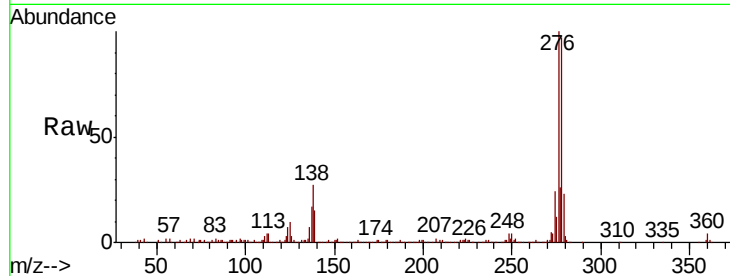
ClientSampleId :

PB117127BS

Tot Ion:	278	Resp:	479353
Ion Ratio	Lower	Upper	
278	100		
139	15.6	13.7	20.5
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/18/2019 12:06:28 PM

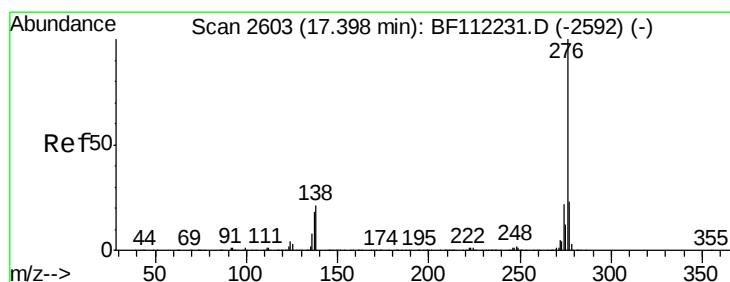
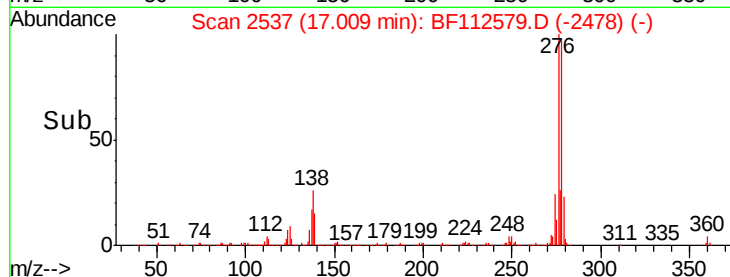
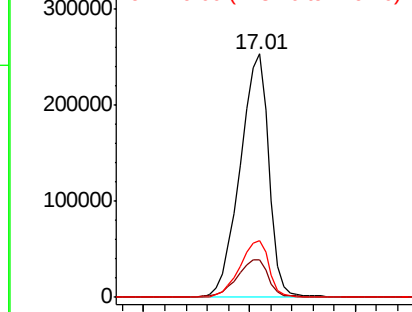


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.232 ng

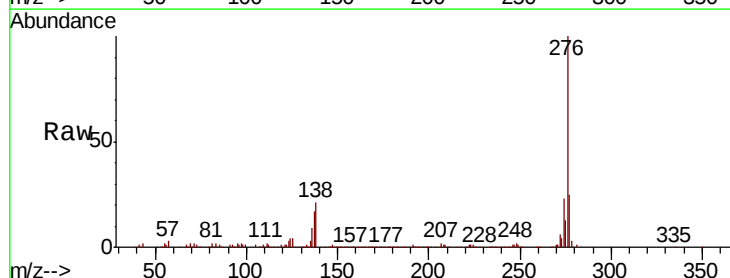
RT: 17.46 min Scan# 2614

Delta R.T. 0.06 min

Lab File: BF112579.D

Acq: 15 Feb 2019 15:27

Tgt Ion:	276	Resp:	459463
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.4	29.0
138	20.7	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

