

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117216.D
 Acq On : 24 Sep 2019 15:28
 Operator : JU
 Sample : PB123227BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Manual Integrations
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mohammad
 9/26/2019 8:23:56 AM

Quant Time: Sep 24 15:59:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	31621	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	135434	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	71100	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	119607	20.00	ng	0.00
76) Chrysene-d12	13.98	240	81383	20.00	ng	0.00
87) Perylene-d12	15.43	264	66805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	234037	115.55	ng	0.01
7) Phenol-d6	6.46	99	307168	117.35	ng	0.00
23) Nitrobenzene-d5	7.38	82	179570	69.67	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	74543	125.44	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	341087	75.01	ng	0.00
79) Terphenyl-d14	12.92	244	340314	78.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	33244	39.226	ng	97
3) Pyridine	3.40	79	80999	34.917	ng	93
4) n-Nitrosodimethylamine	3.35	42	37727	47.391	ng	77
6) Aniline	6.47	93	109357	32.450	ng	# 14
8) 2-Chlorophenol	6.60	128	100645	46.062	ng	100
9) Benzaldehyde	6.36	77	54471	42.158	ng	98
10) Phenol	6.47	94	128575	44.558	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	92112	43.433	ng	99
12) 1,3-Dichlorobenzene	6.76	146	101564	41.424	ng	99
13) 1,4-Dichlorobenzene	6.83	146	104661	41.829	ng	100
14) 1,2-Dichlorobenzene	6.99	146	98941	42.471	ng	99
15) Benzyl Alcohol	6.96	79	92785	46.225	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	82896	39.563	ng	68
17) 2-Methylphenol	7.07	107	82514	45.060	ng	# 90
18) Hexachloroethane	7.32	117	40275	41.841	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	73171	45.908	ng	# 91
20) 3+4-Methylphenols	7.23	107	107489	47.124	ng	# 87
22) Acetophenone	7.22	105	150604	43.768	ng	# 99
24) Nitrobenzene	7.40	77	112761	44.298	ng	98
25) Isophorone	7.63	82	203744	44.643	ng	99
26) 2-Nitrophenol	7.72	139	50022	45.750	ng	97
27) 2,4-Dimethylphenol	7.76	122	86671	49.987	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	116363	41.383	ng	99
29) 2,4-Dichlorophenol	7.96	162	80990	44.579	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	80075	40.796	ng	98
31) Naphthalene	8.12	128	287520	44.142	ng	99
32) Benzoic acid	7.90	122	44329	35.802	ng	96
33) 4-Chloroaniline	8.17	127	71781	24.847	ng	98
34) Hexachlorobutadiene	8.23	225	47565	42.713	ng	98
35) Caprolactam	8.54	113	25507m	41.479	ng	
36) 4-Chloro-3-methylphenol	8.66	107	98254	46.381	ng	98
37) 2-Methylnaphthalene	8.81	142	198062	45.156	ng	97
38) 1-Methylnaphthalene	8.91	142	181147	44.096	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	78295	42.645	ng	98

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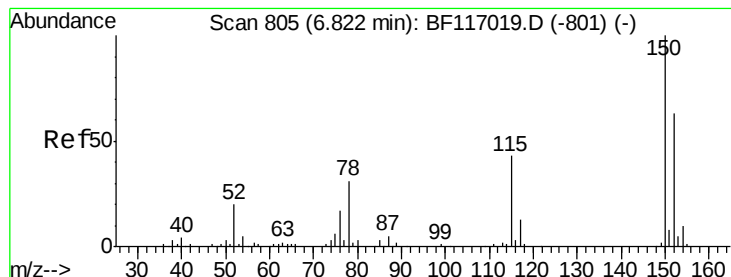
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	65381	80.508	nq	96
43) 2,4,6-Trichlorophenol	9.09	196	52199	41.895	nq	97
44) 2,4,5-Trichlorophenol	9.14	196	57378	43.103	nq	98
46) 1,1'-Biphenyl	9.27	154	238399	42.746	nq	97
47) 2-Chloronaphthalene	9.30	162	184419	41.899	nq	99
48) 2-Nitroaniline	9.40	65	60157	42.611	nq	95
49) Acenaphthylene	9.72	152	291497	44.208	nq	98
50) Dimethylphthalate	9.57	163	218200	43.343	nq	98
51) 2,6-Dinitrotoluene	9.64	165	47196	46.031	nq	91
52) Acenaphthene	9.89	154	168717	43.165	nq	99
53) 3-Nitroaniline	9.81	138	35542	27.475	nq	96
54) 2,4-Dinitrophenol	9.93	184	33048	75.261	nq	96
55) Dibenzofuran	10.06	168	262084	45.446	nq	98
56) 4-Nitrophenol	9.99	139	57211	68.237	nq	91
57) 2,4-Dinitrotoluene	10.05	165	64100	48.162	nq	# 87
58) Fluorene	10.40	166	213340	45.924	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	42877	42.090	nq	94
60) Diethylphthalate	10.27	149	225108	45.451	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	94063	46.799	nq	93
62) 4-Nitroaniline	10.43	138	52224	38.819	nq	86
63) Azobenzene	10.55	77	231613	45.787	nq	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	25882	47.565	nq	91
66) n-Nitrosodiphenylamine	10.51	169	187824	45.470	nq	97
67) 4-Bromophenyl-phenylether	10.88	248	54682	44.767	nq	91
68) Hexachlorobenzene	10.96	284	55601	41.617	nq	96
69) Atrazine	11.04	200	50197	50.456	nq	97
70) Pentachlorophenol	11.15	266	48241	77.032	nq	97
71) Phenanthrene	11.36	178	294764	43.388	nq	99
72) Anthracene	11.42	178	309740	44.658	nq	99
73) Carbazole	11.57	167	278018	42.230	nq	99
74) Di-n-butylphthalate	11.89	149	354235	45.224	nq	99
75) Fluoranthene	12.55	202	298214	42.721	nq	98
77) Benzidine	12.67	184	115406	44.022	nq	98
78) Pyrene	12.78	202	302232	44.259	nq	99
80) Butylbenzylphthalate	13.39	149	138527	42.932	nq	99
81) Benzo(a)anthracene	13.97	228	225928	41.551	nq	97
82) 3,3'-Dichlorobenzidine	13.93	252	51699	29.506	nq	96
83) Chrysene	14.00	228	218435	41.190	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	185924	44.690	nq	98
85) Di-n-octyl phthalate	14.56	149	283878	43.353	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	155819	40.274	nq	98
88) Benzo(b)fluoranthene	15.01	252	164740	40.711	nq	97
89) Benzo(k)fluoranthene	15.04	252	178263	46.504	nq	99
90) Benzo(a)pyrene	15.37	252	155883	43.899	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	132795	46.944	nq	95
92) Benzo(g,h,i)perylene	17.32	276	126150	44.751	nq	95

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



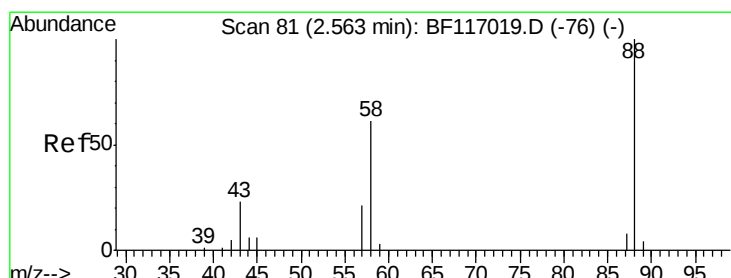
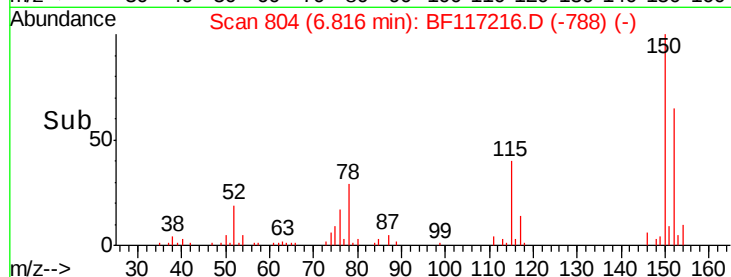
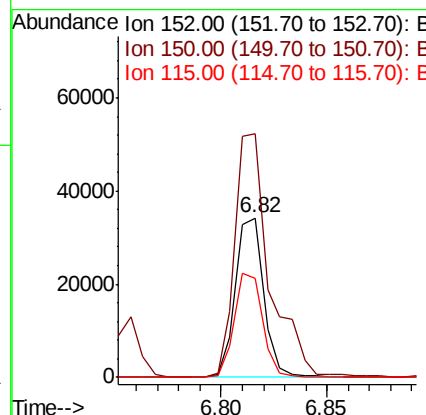
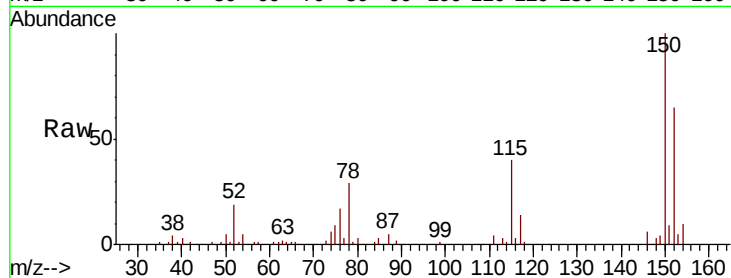
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.5	191.3
115	61.8	55.0	82.4

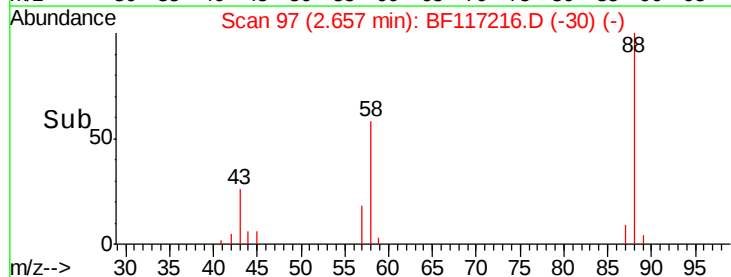
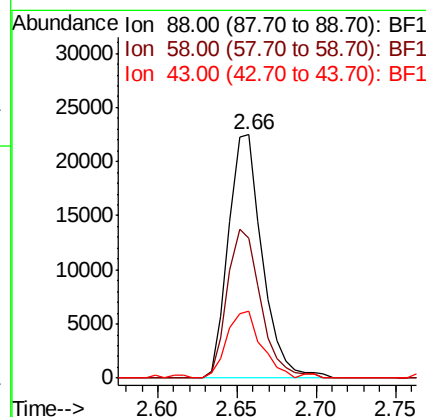
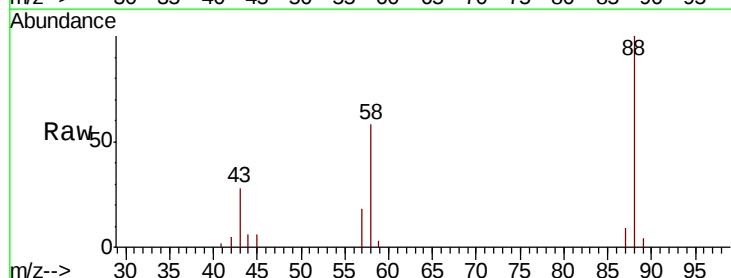
Manual Integrations
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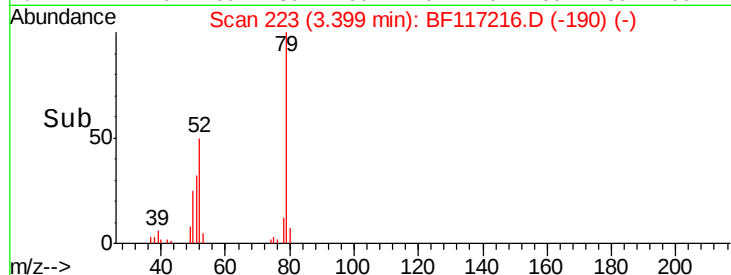
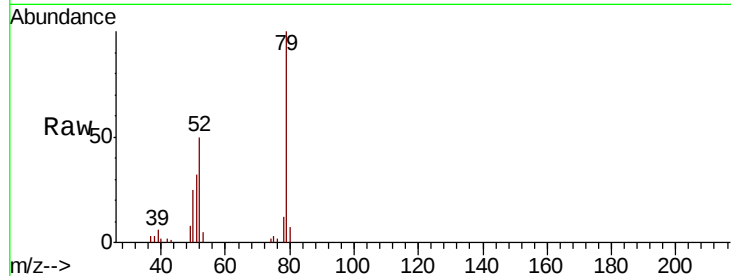
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#2
 1,4-Dioxane
 Concen: 39.226 ng
 RT: 2.66 min Scan# 97
 Delta R.T. 0.09 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	49.3	73.9
43	28.1	18.8	28.2





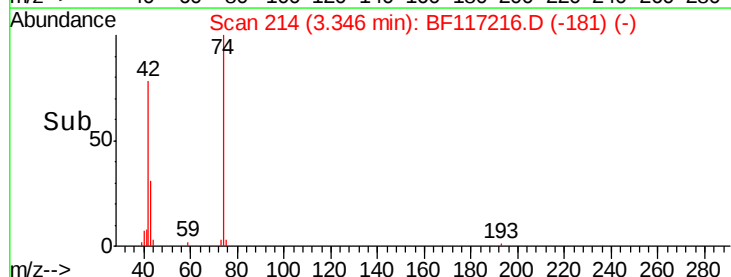
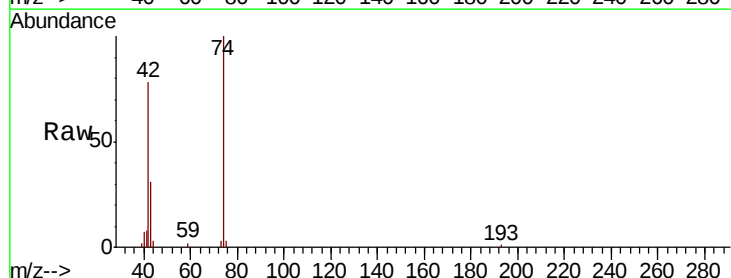
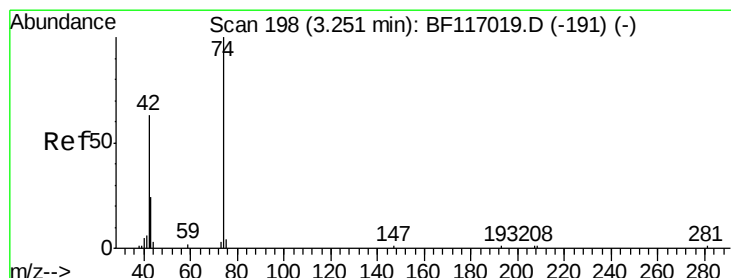
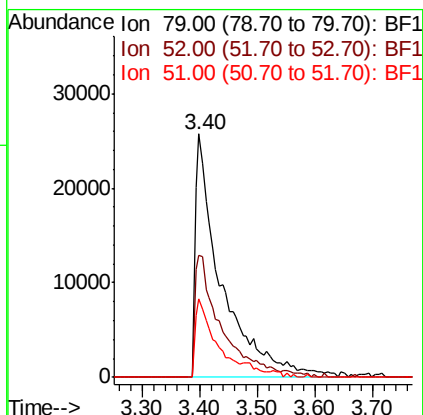
#3
 Pvridine
 Concen: 34.917 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.09 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tot Ion:	79	Resp:	80999
Ion	Ratio	Lower	Upper
79	100		
52	50.3	43.5	65.3
51	32.2	21.8	32.6

Instrument :
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 ClientSampleId :
 PB123227BS

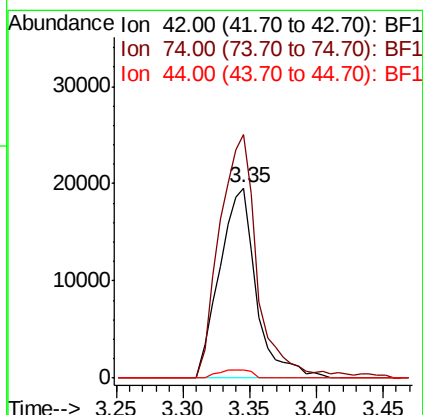
Manual Integrations
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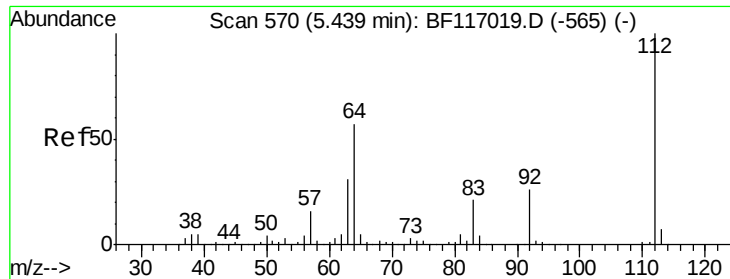
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#4
 n-Nitrosodimethylamine
 Concen: 47.391 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion:	42	Resp:	37727
Ion	Ratio	Lower	Upper
42	100		
74	128.0	127.1	190.7
44	4.4	4.3	6.5





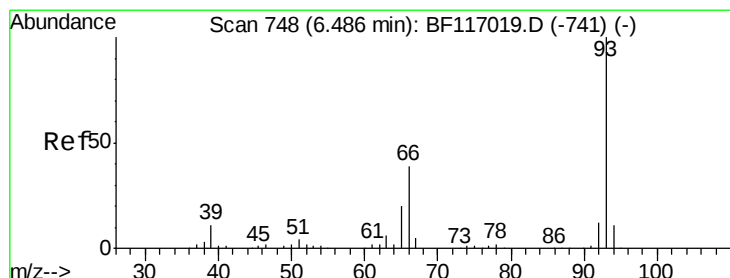
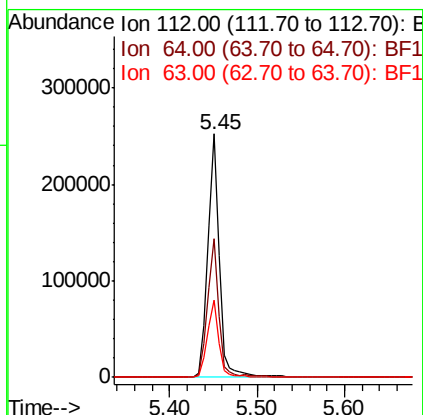
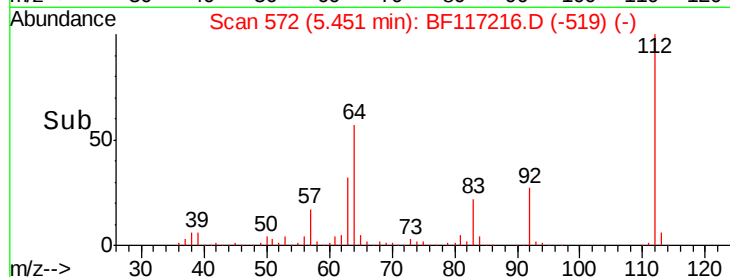
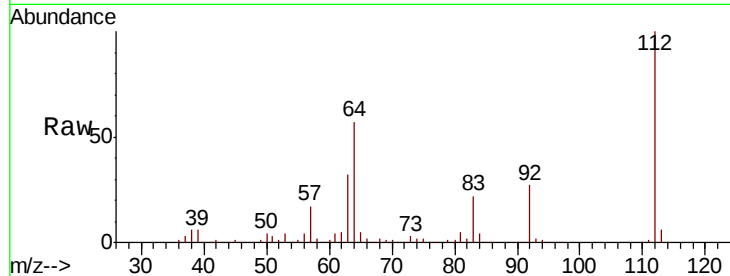
#5
2-Fluorophenol
Concen: 115.553 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	234037		
64	56.7	45.7	68.5	
63	31.7	24.9	37.3	

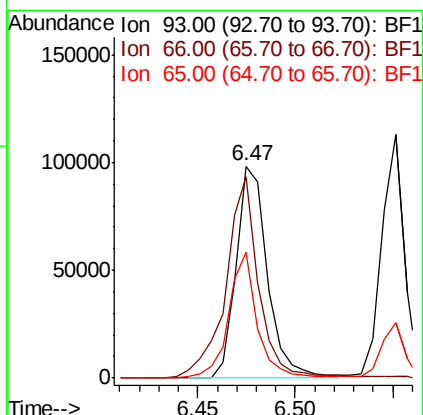
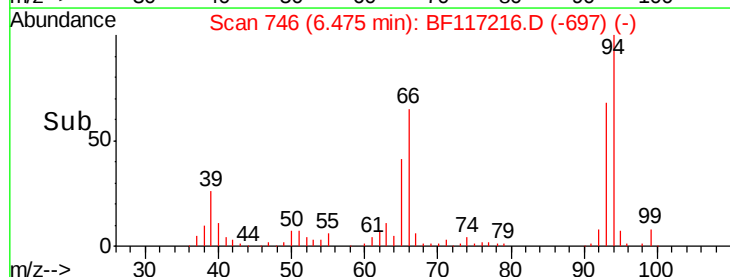
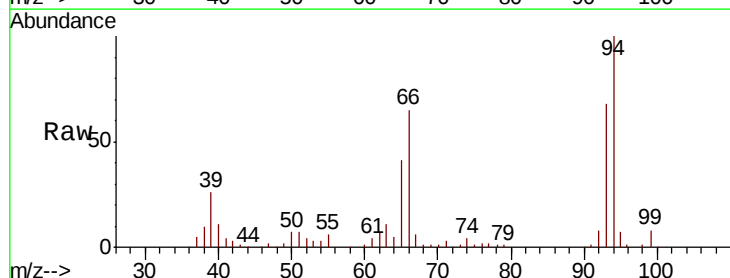
Manual Integrations
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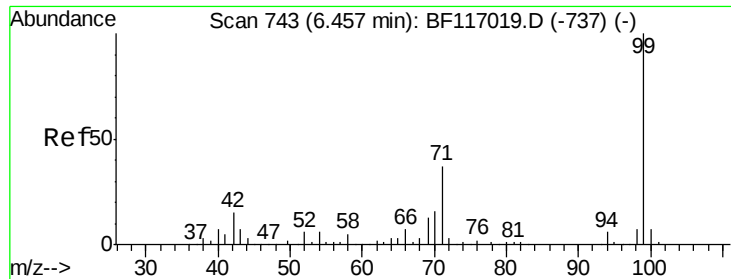
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#6
Aniline
Concen: 32.450 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109357		
66	95.2	32.6	49.0#	
65	59.5	16.7	25.1#	





#7

Phenol-d6

Concen: 117.351 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

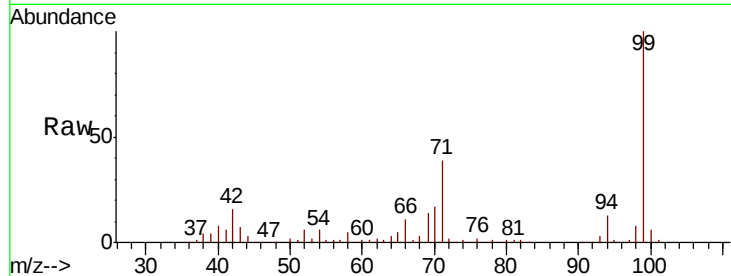
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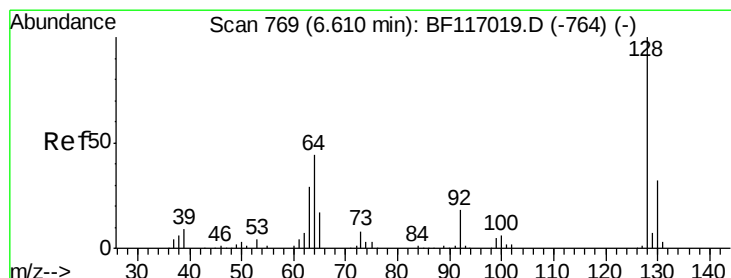
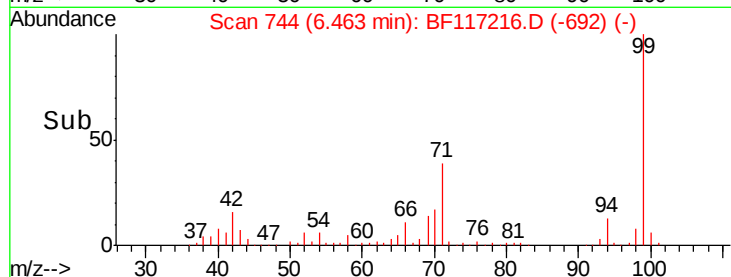
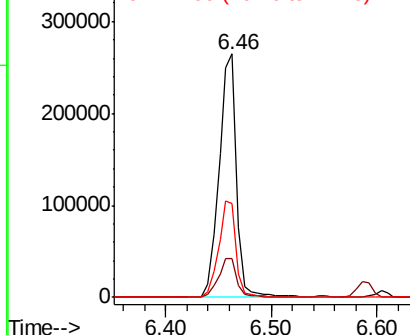
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		307168		
42	16.2	12.2	18.2		
71	38.5	29.8	44.8		

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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: 46.062 ng

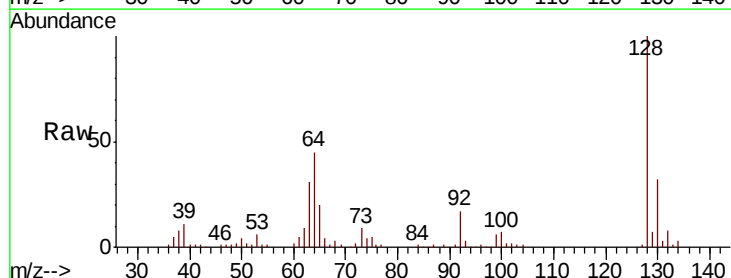
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

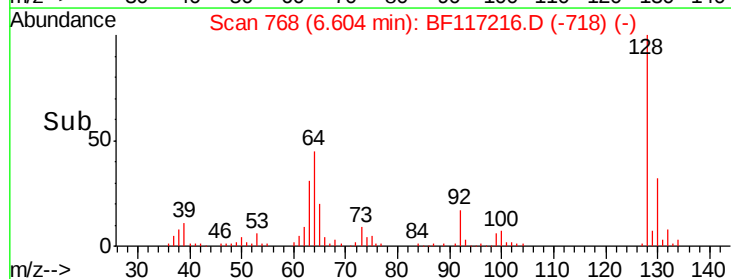
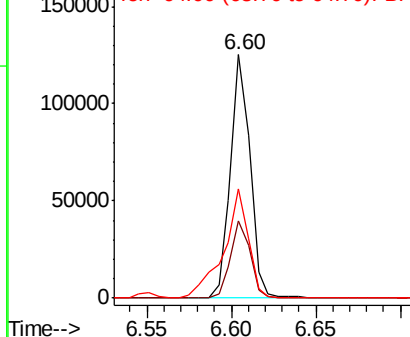
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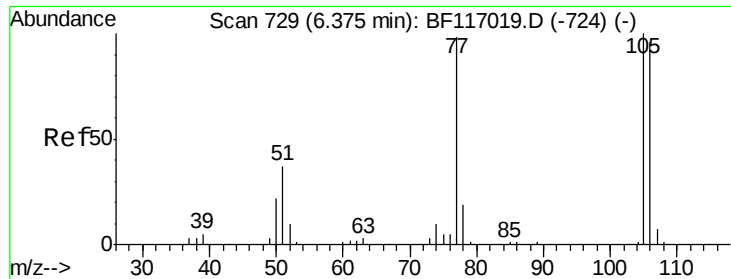
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		100645		
130	31.5	11.8	51.8		
64	44.7	25.0	65.0		



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: 42.158 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

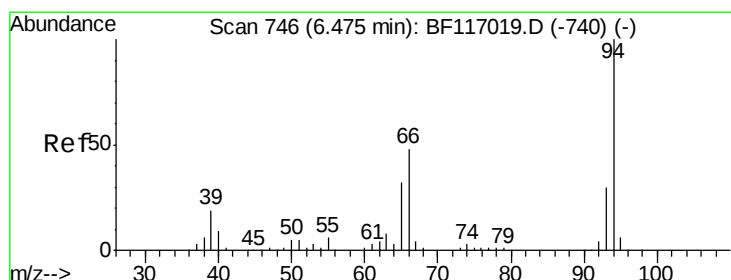
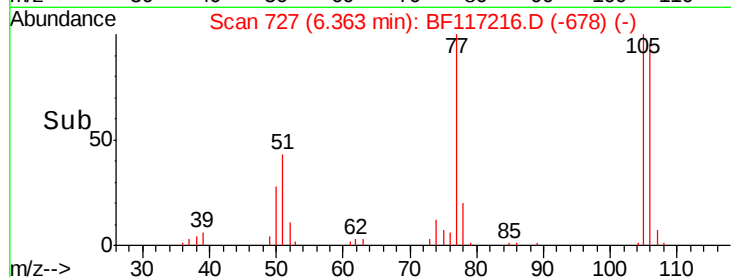
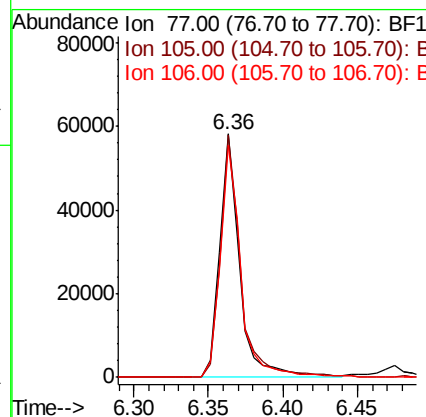
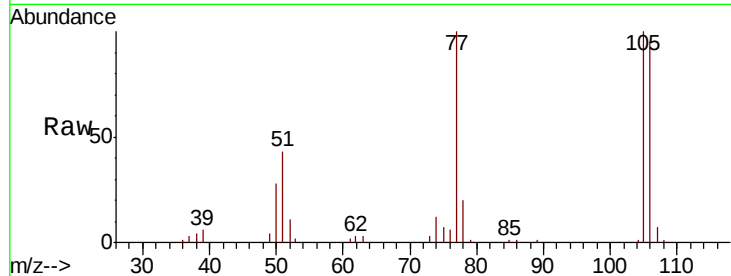
ClientSampleId :

PB123227BS

Tot Ion:	77	Resp:	54471
Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.8	121.8
106	95.3	77.3	117.3

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#10

Phenol

Concen: 44.558 ng

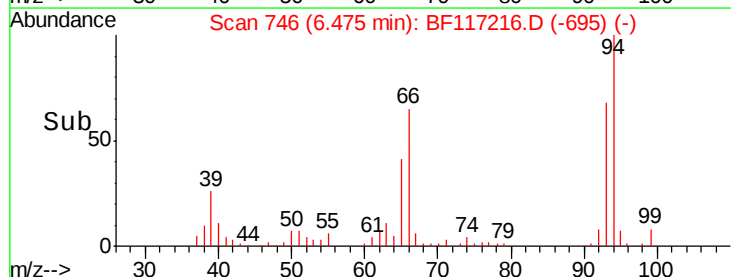
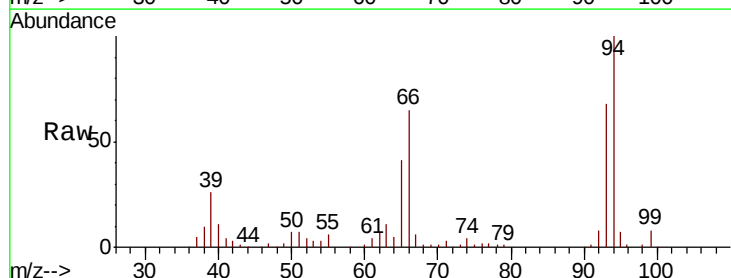
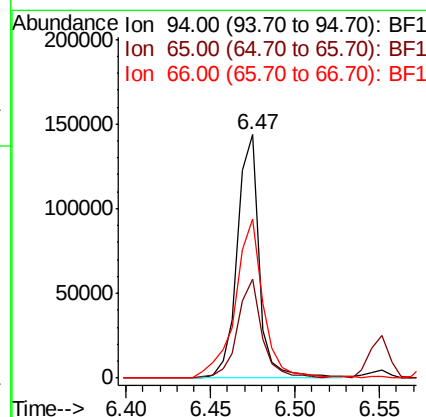
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	94	Resp:	128575
Ion	Ratio	Lower	Upper
94	100		
65	40.7	12.5	52.5
66	65.1	28.9	68.9





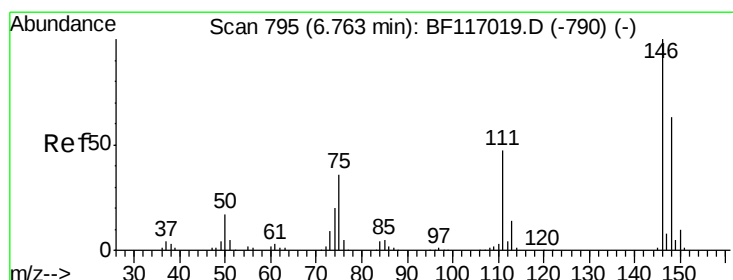
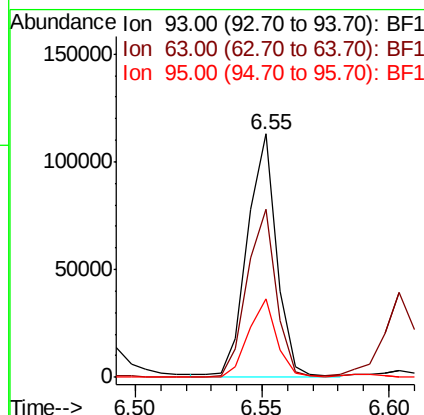
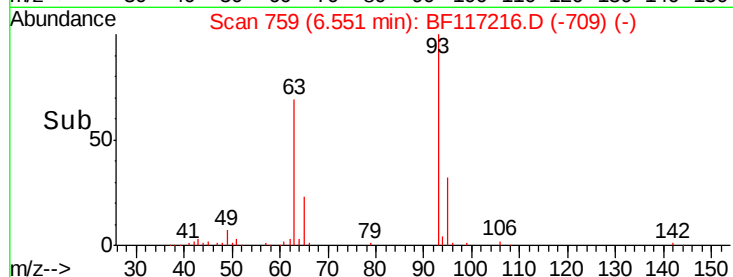
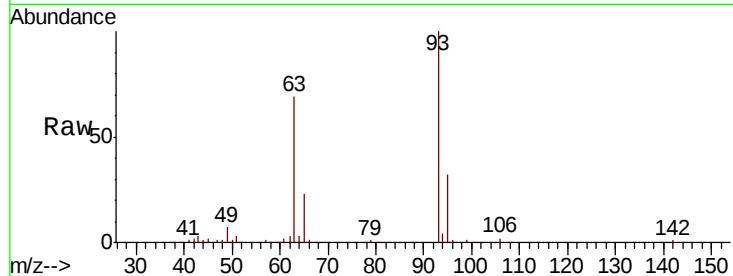
#11
bis(2-Chloroethyl)ether
Concen: 43.433 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion:	93	Resp:	92112
Ion Ratio	Lower	Upper	
93	100		
63	69.3	49.3	89.3
95	32.5	11.5	51.5

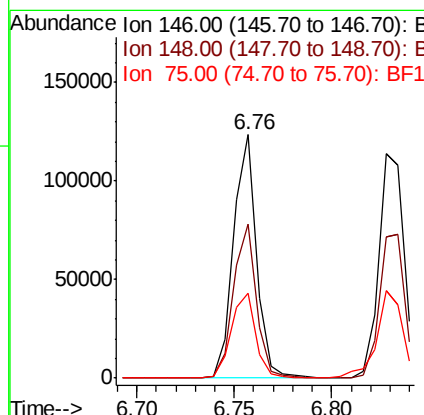
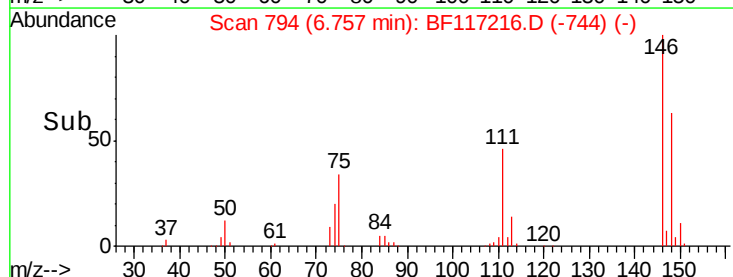
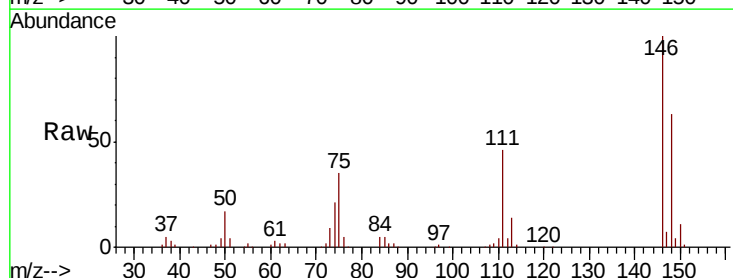
Manual Integrations
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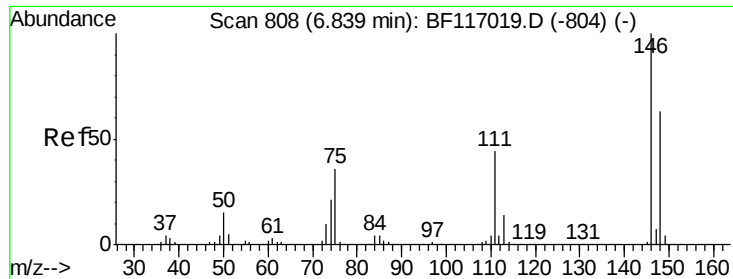
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.424 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion:	146	Resp:	101564
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
75	34.7	28.7	43.1





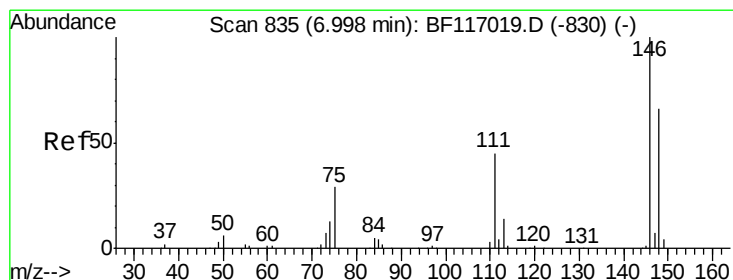
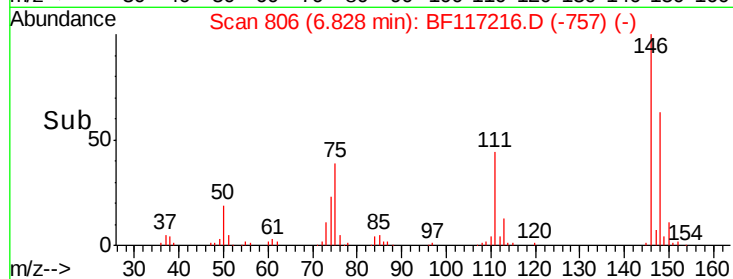
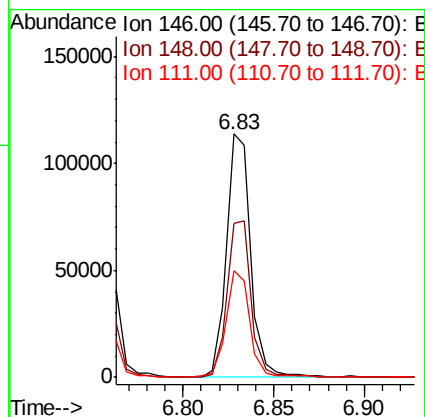
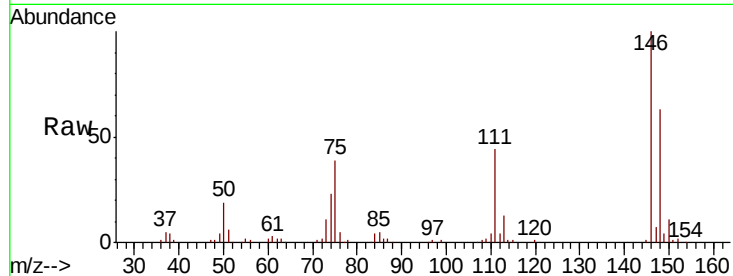
#13
1,4-Dichlorobenzene
Concen: 41.829 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	44.1	35.0	52.6

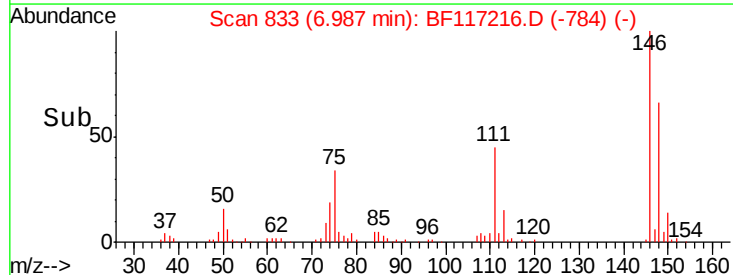
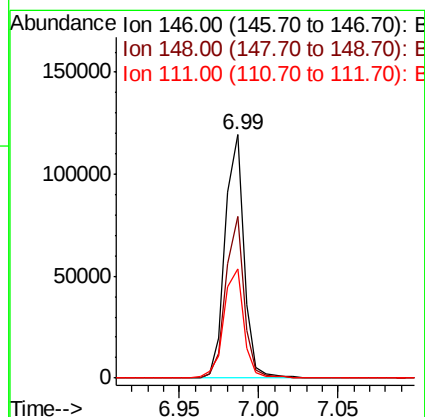
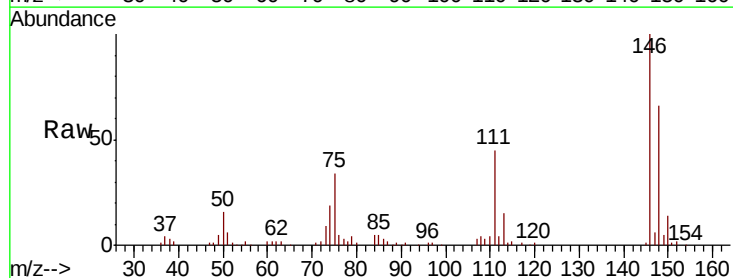
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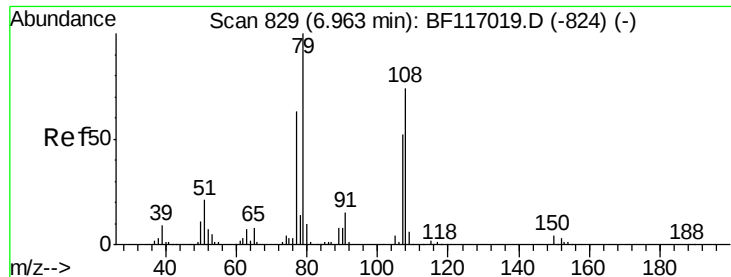
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#14
1,2-Dichlorobenzene
Concen: 42.471 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.6	78.8
111	44.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 46.225 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

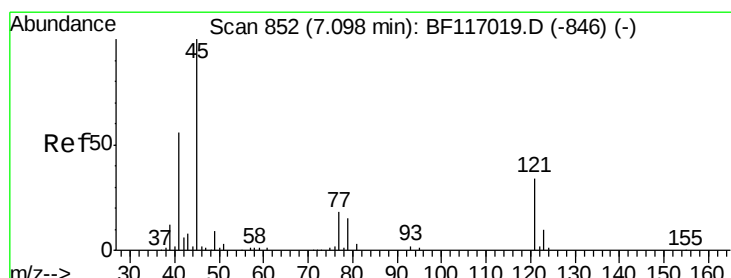
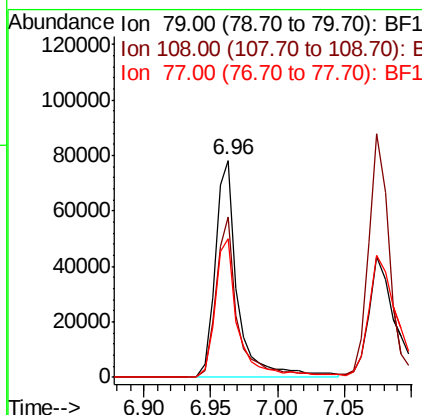
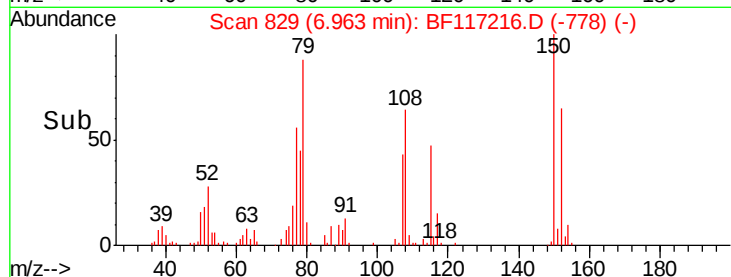
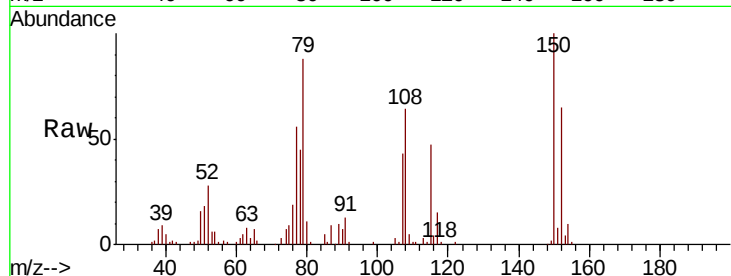
ClientSampleId :

PB123227BS

Tot Ion:	79	Resp:	92785
Ion	Ratio	Lower	Upper
79	100		
108	73.6	59.4	89.0
77	63.9	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.563 ng

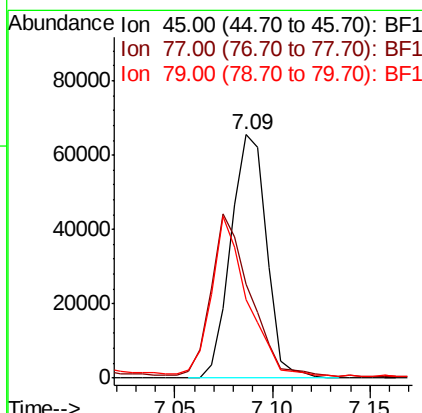
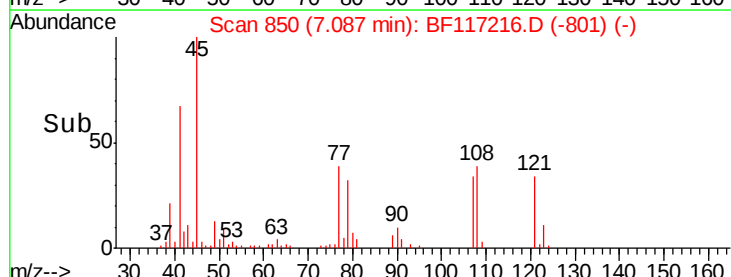
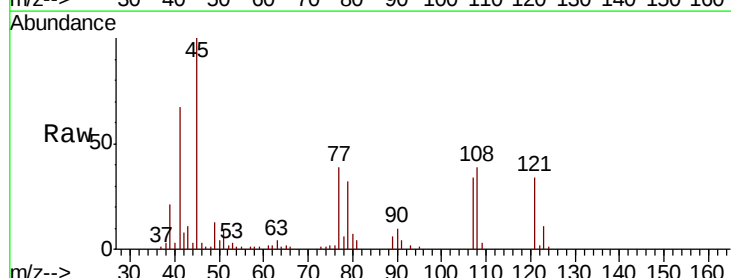
RT: 7.09 min Scan# 850

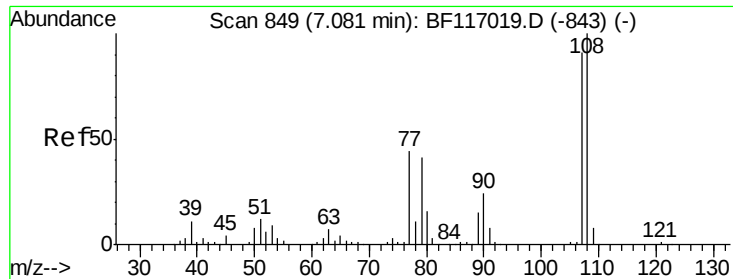
Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	45	Resp:	82896
Ion	Ratio	Lower	Upper
45	100		
77	38.8	2.7	42.7
79	32.1	0.0	38.9





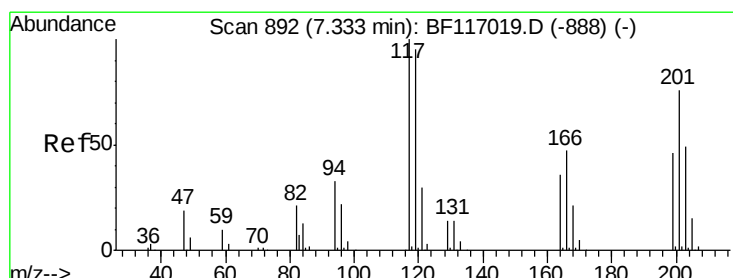
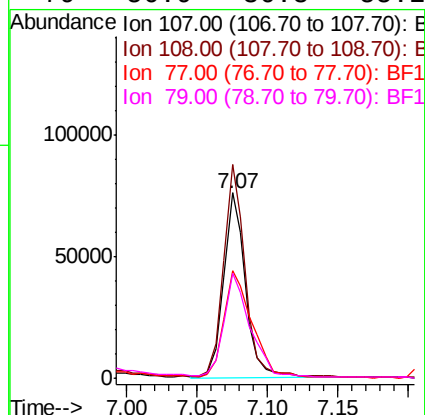
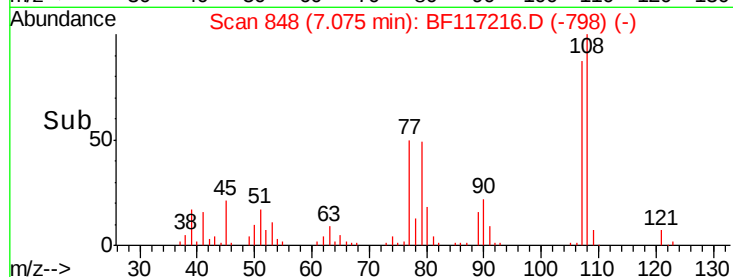
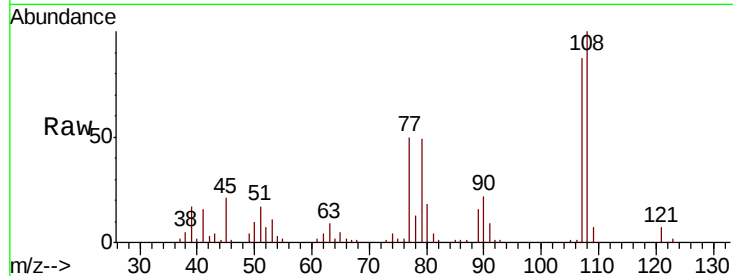
#17
2-Methylphenol
Concen: 45.060 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion:	107	Resp:	82514
Ion	Ratio	Lower	Upper
107	100		
108	115.3	87.7	131.5
77	57.9	38.6	58.0
79	56.9	36.8	55.2#

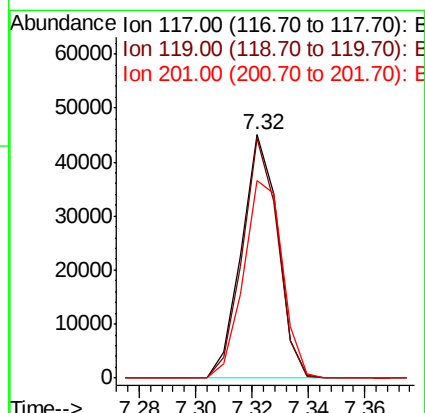
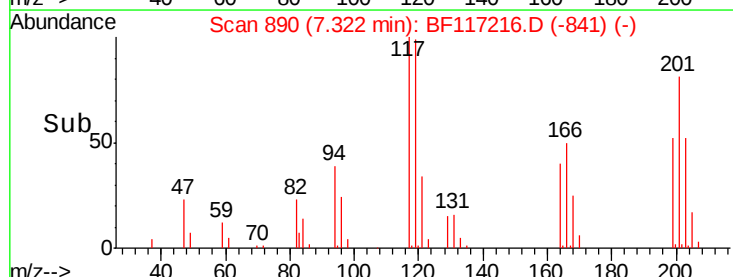
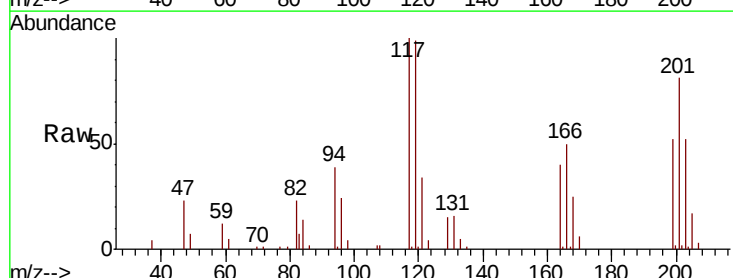
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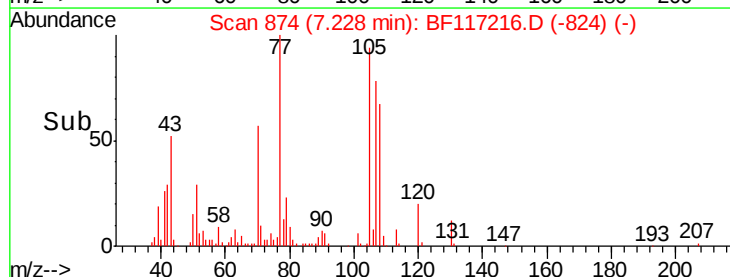
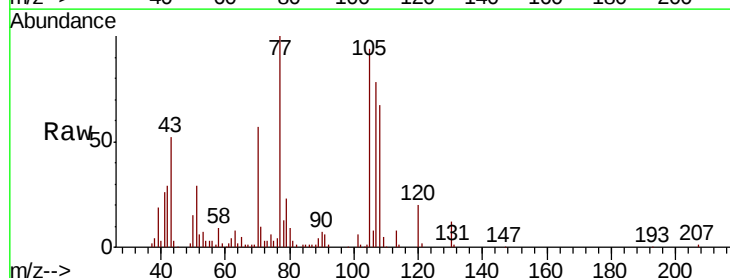
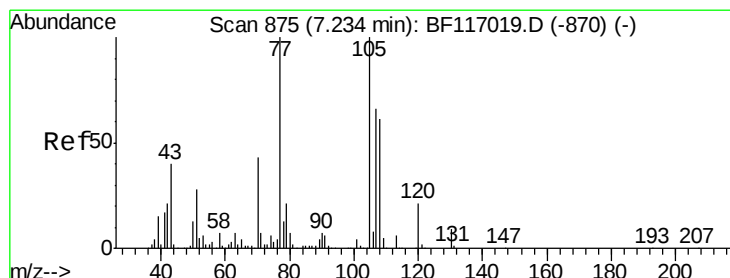
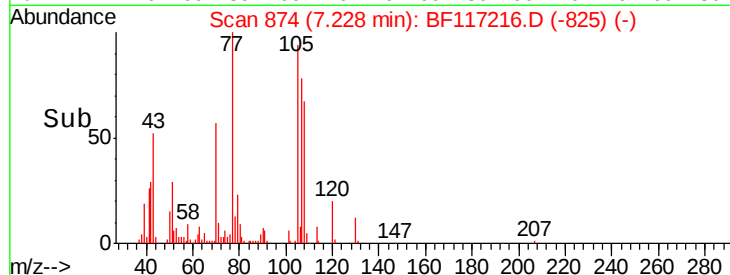
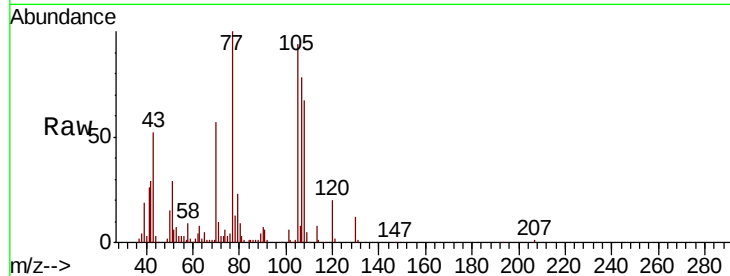
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#18
Hexachloroethane
Concen: 41.841 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion:	117	Resp:	40275
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.8
201	81.2	60.9	91.3





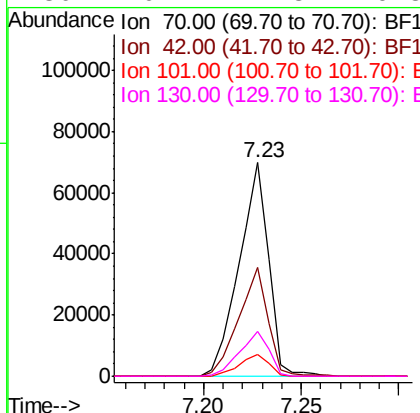
#19
n-Nitroso-di-n-propylamine
Concen: 45.908 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampled :
PB123227BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.0	34.0	51.0#
101	10.5	7.8	11.6
130	20.7	17.8	26.8

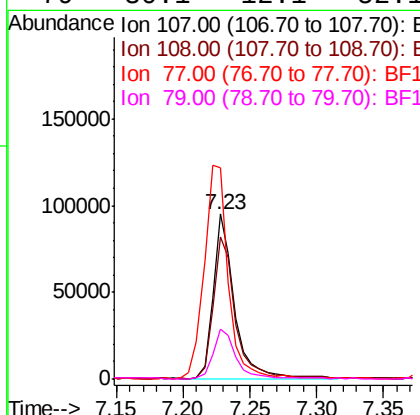
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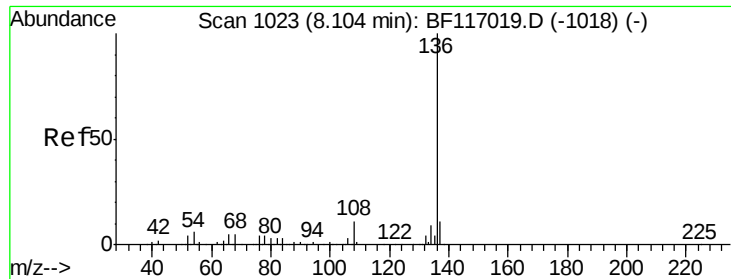
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#20
3+4-Methylphenols
Concen: 47.124 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	72.6	112.6
77	128.4	132.1	172.1#
79	30.1	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

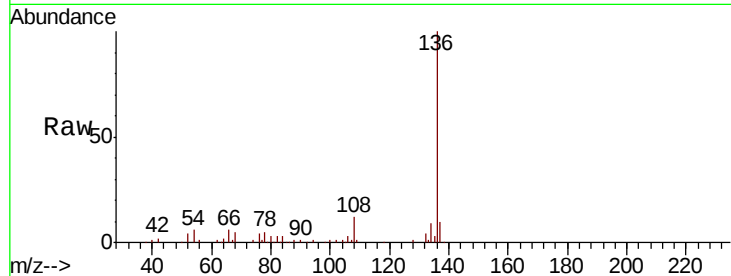
ClientSampleId :

PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	135434		
137	10.4	9.0	13.4	
54	6.0	4.5	6.7	
68	5.2	4.0	6.0	

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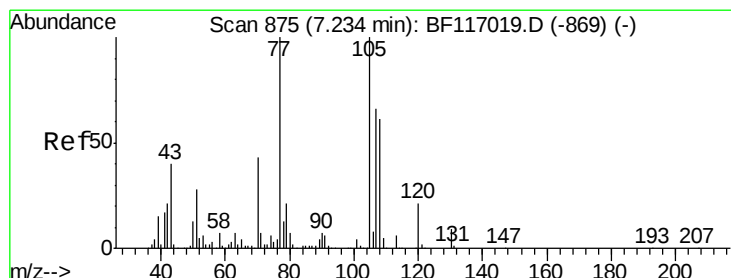
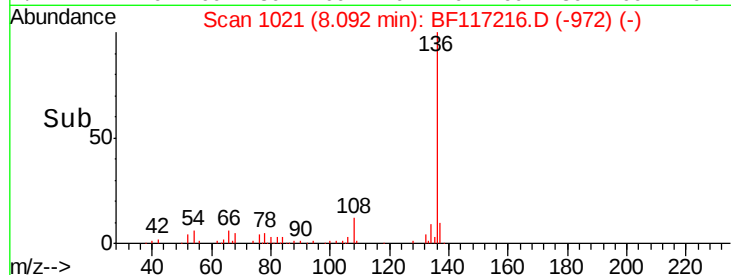
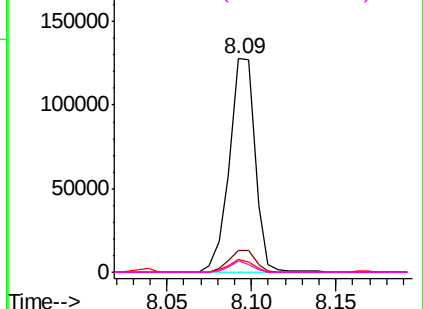
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.768 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150604		
71	5.4	5.7	8.5#	
51	27.3	22.1	33.1	
120	21.5	17.1	25.7	

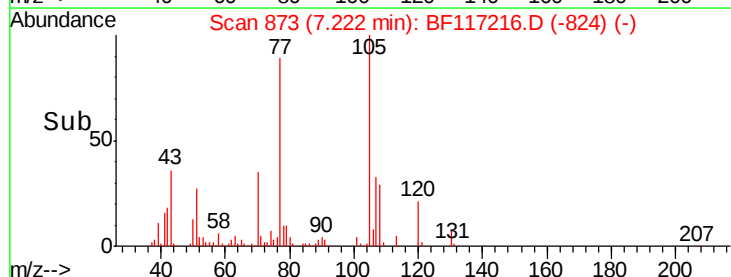
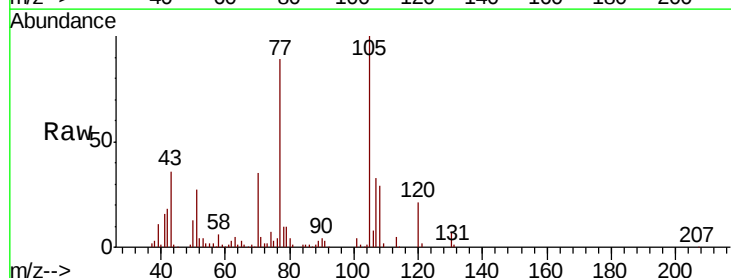
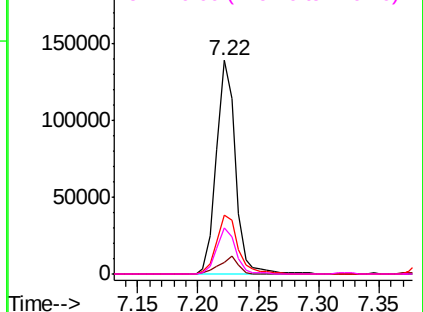
Abundance

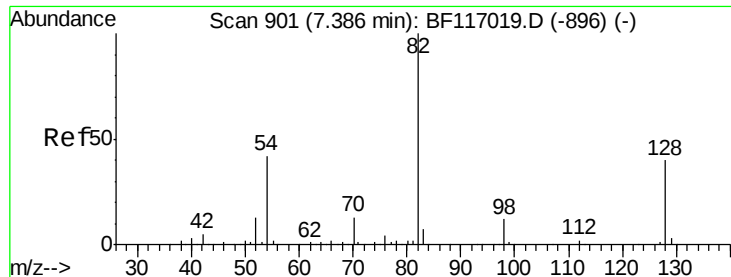
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





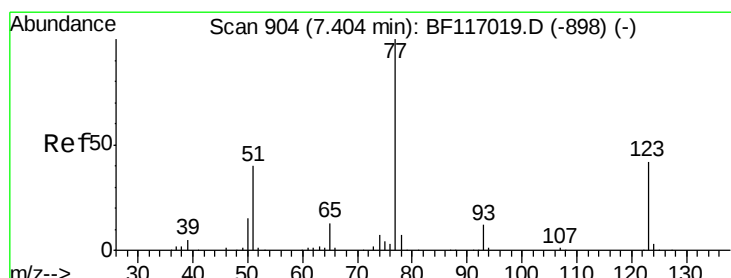
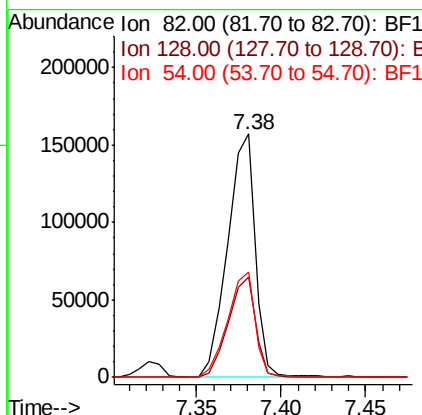
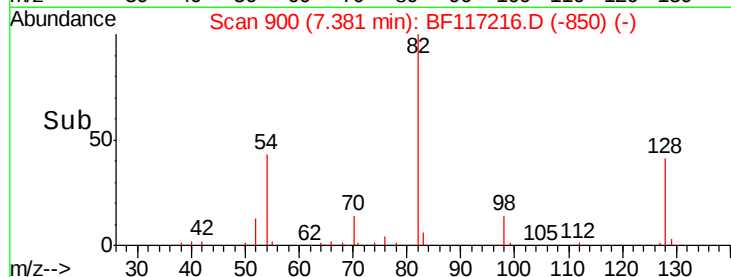
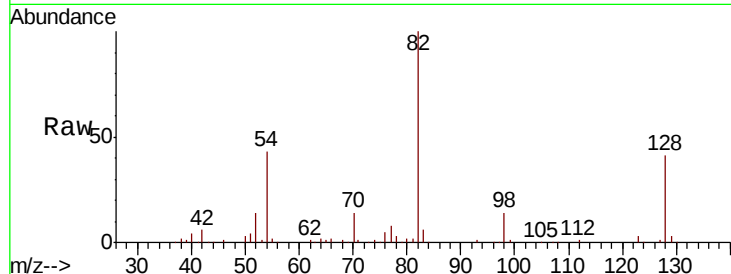
#23
 Nitrobenzene-d5
 Concen: 69.665 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	179570		
128	41.1		32.3	48.5
54	43.4		33.3	49.9

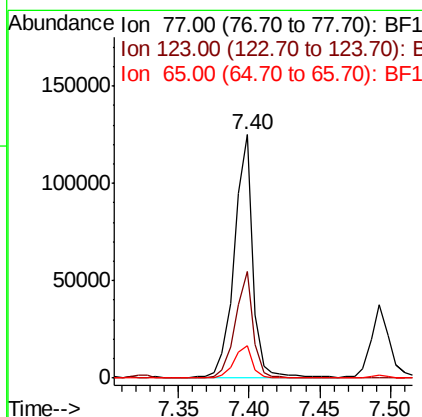
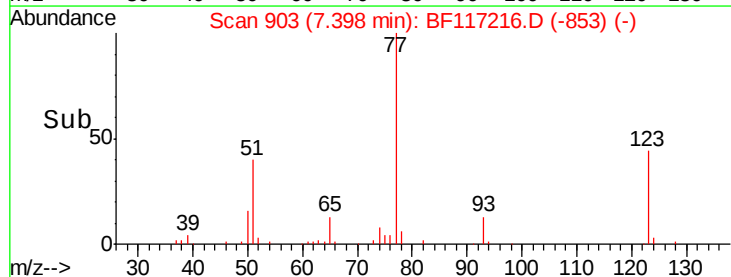
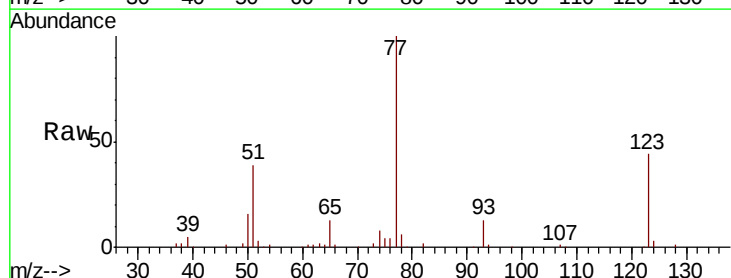
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#24
 Nitrobenzene
 Concen: 44.298 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	112761		
123	43.7		33.5	50.3
65	13.2		10.5	15.7





#25

Isophorone

Concen: 44.643 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

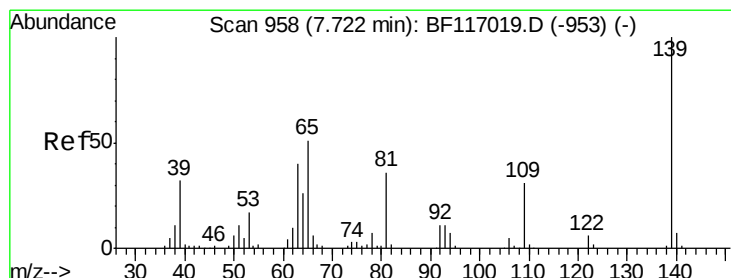
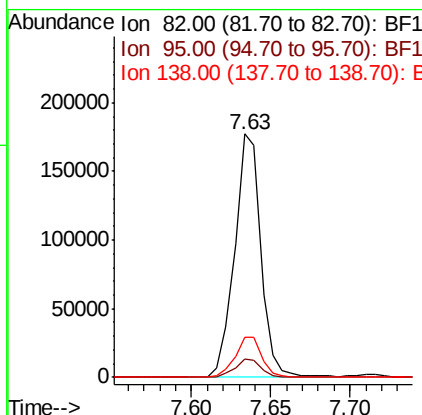
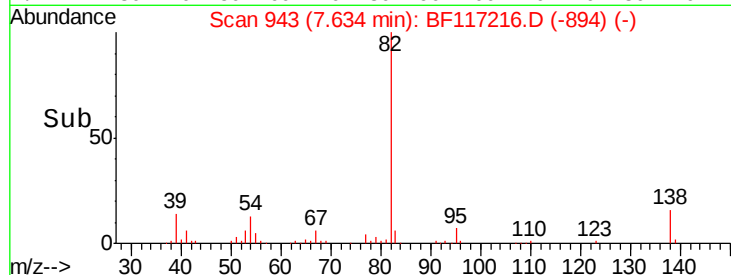
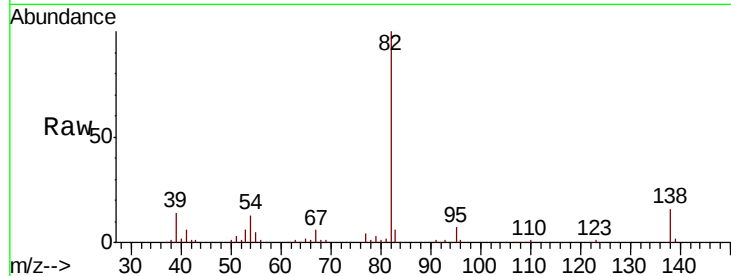
ClientSampleId :

PB123227BS

Tot Ion:	82	Resp:	203744
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	16.5	13.5	20.3

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#26

2-Nitrophenol

Concen: 45.750 ng

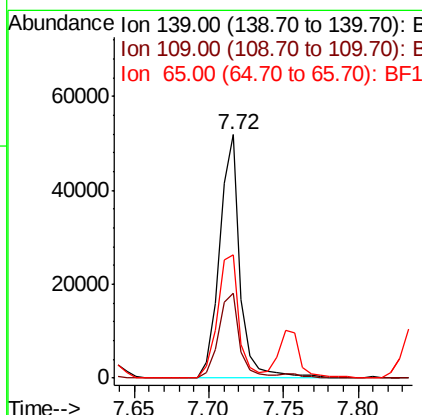
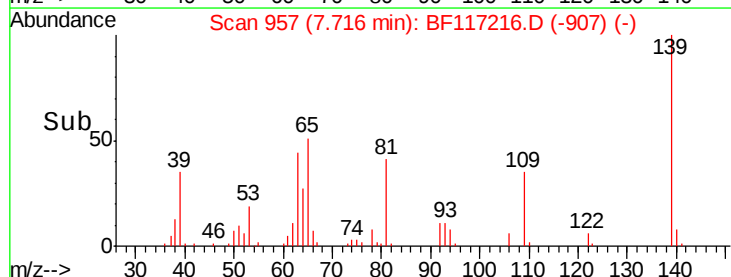
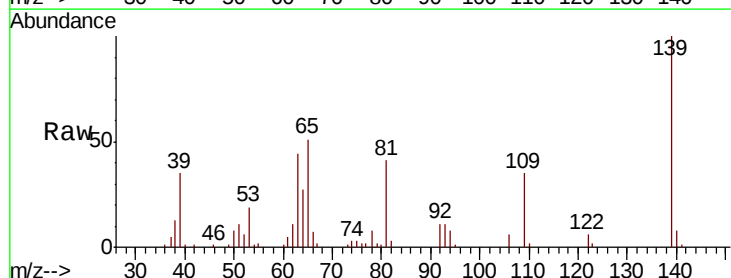
RT: 7.72 min Scan# 957

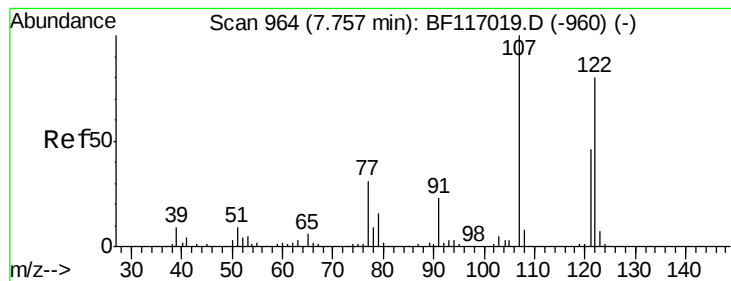
Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	139	Resp:	50022
Ion Ratio	Lower	Upper	
139	100		
109	34.7	24.6	36.8
65	50.5	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 49.987 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

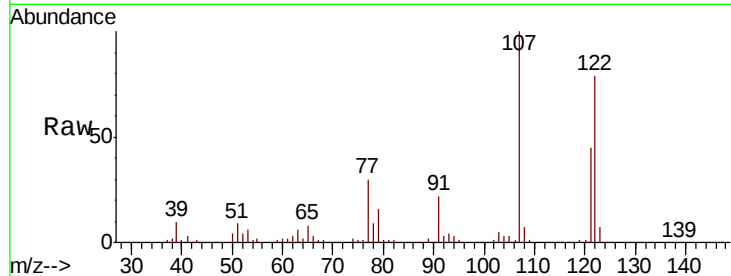
ClientSampleId :

PB123227BS

Tot Ion:	122	Resp:	86671
Ion Ratio	Lower	Upper	
122	100		
107	126.7	98.9	148.3
121	57.5	45.3	67.9

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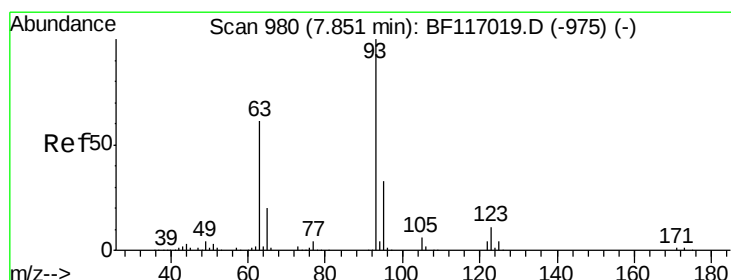
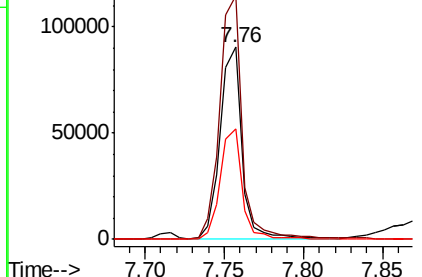
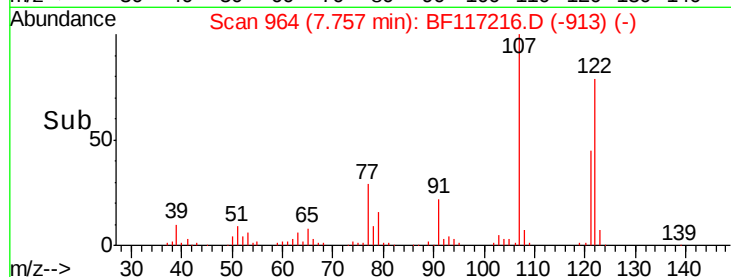


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.383 ng

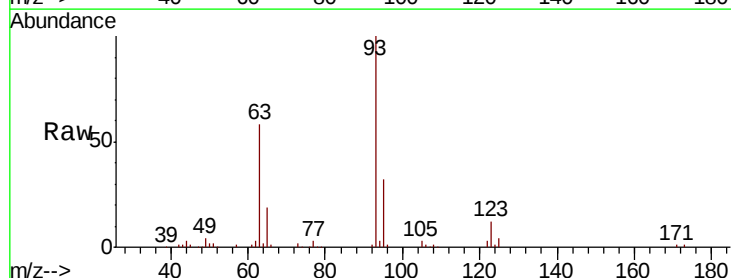
RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	93	Resp:	116363
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.2	39.4
123	11.7	9.0	13.6

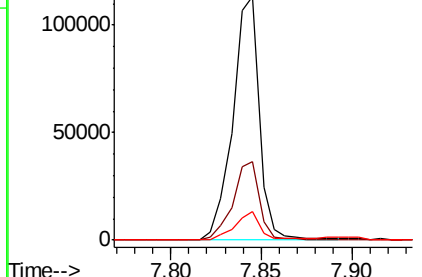
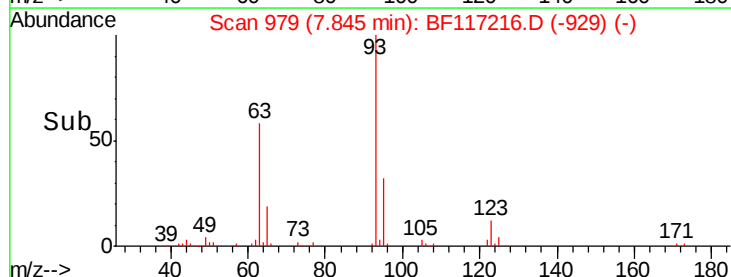


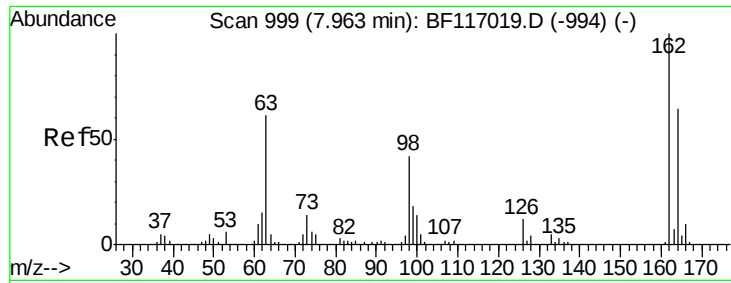
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





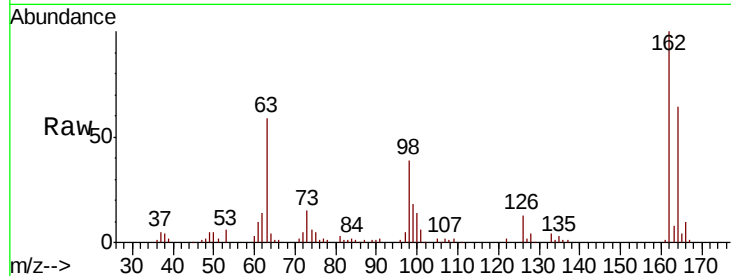
#29
2,4-Dichlorophenol
Concen: 44.579 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

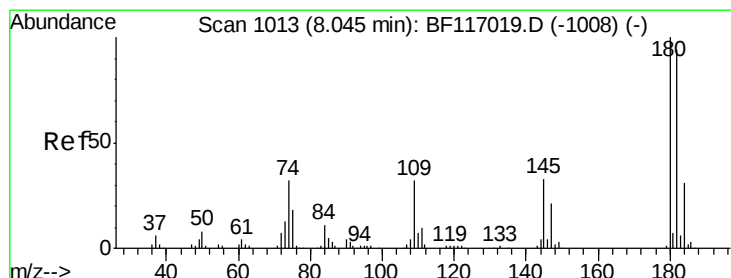
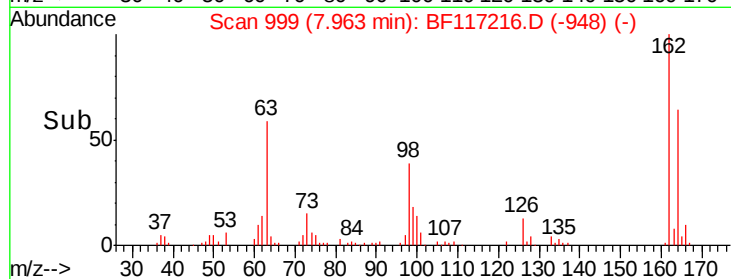
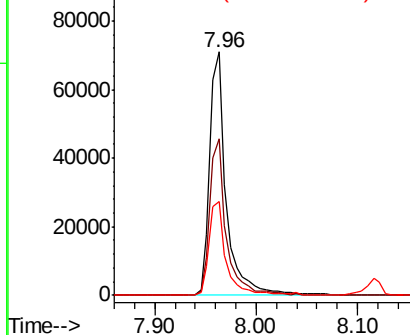
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		80990		
164	64.1	43.8	83.8		
98	38.6	22.1	62.1		

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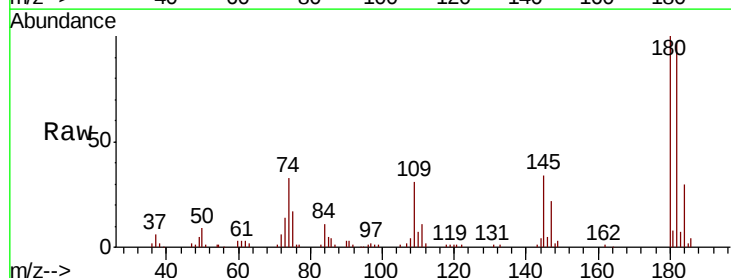


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

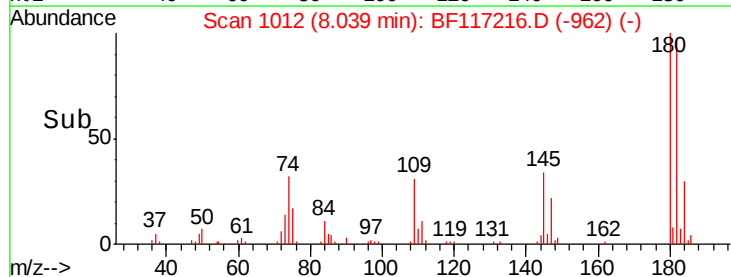
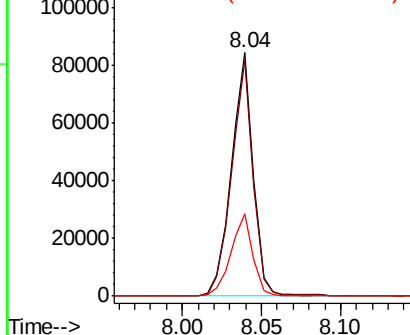


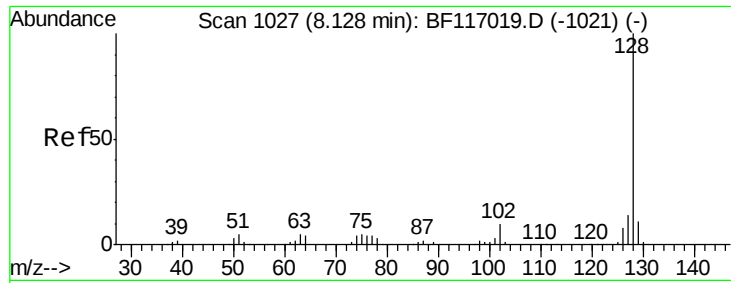
#30
1,2,4-Trichlorobenzene
Concen: 40.796 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		80075		
182	97.0	75.4	113.0		
145	33.7	26.7	40.1		



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





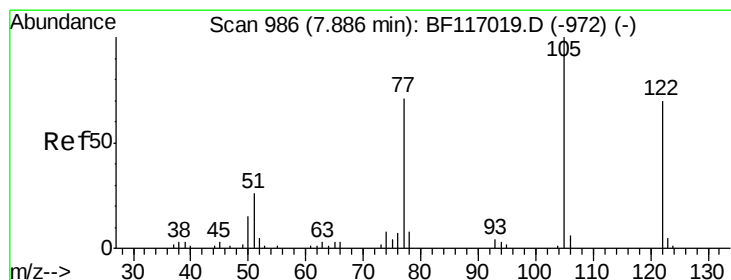
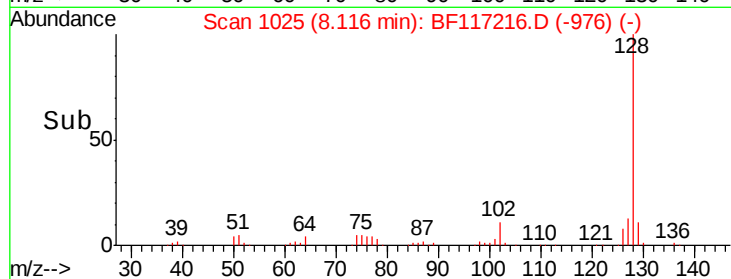
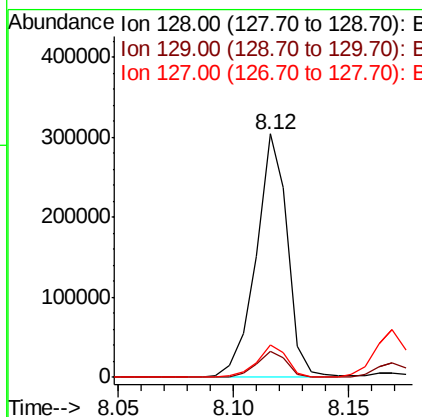
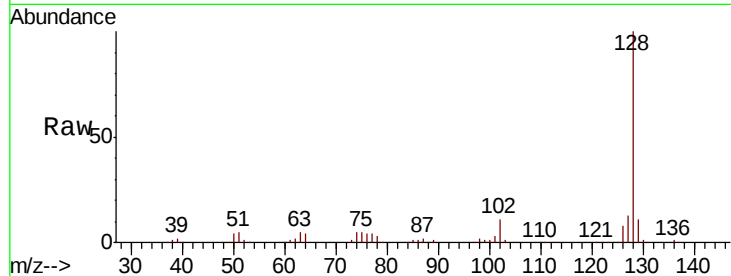
#31
Naphthalene
Concen: 44.142 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	287520		
129	10.9		9.0	13.4
127	13.1		10.8	16.2

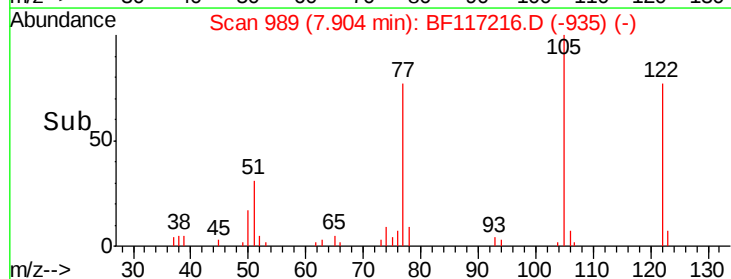
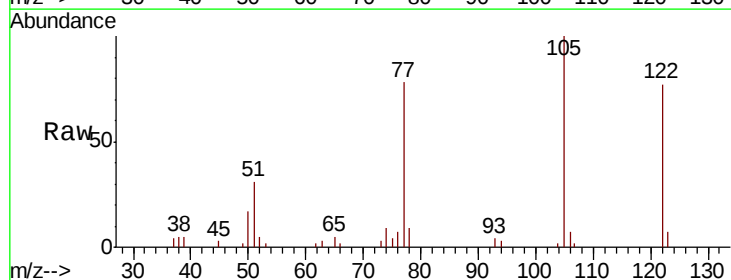
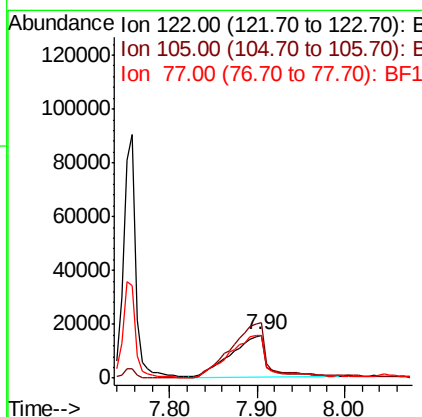
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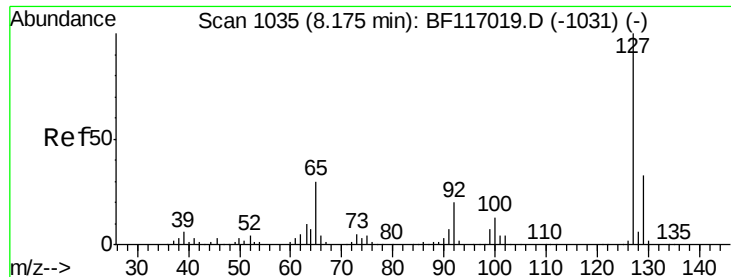
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#32
Benzoic acid
Concen: 35.802 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44329		
105	129.1		114.8	154.8
77	101.2		78.7	118.7





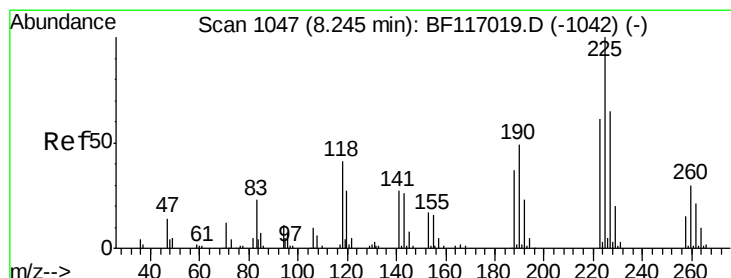
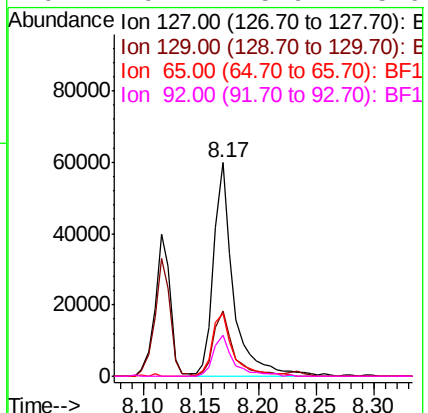
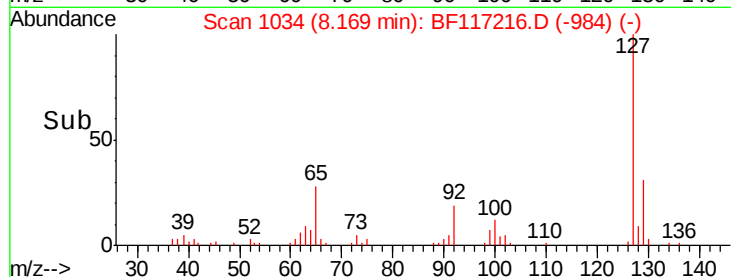
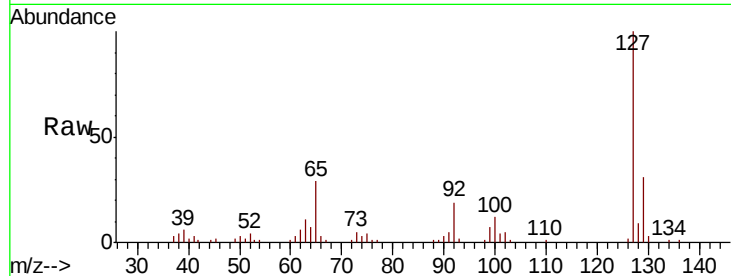
#33
4-Chloroaniline
Concen: 24.847 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		71781		
129	30.7	26.2	39.2		
65	29.4	23.5	35.3		
92	19.1	15.9	23.9		

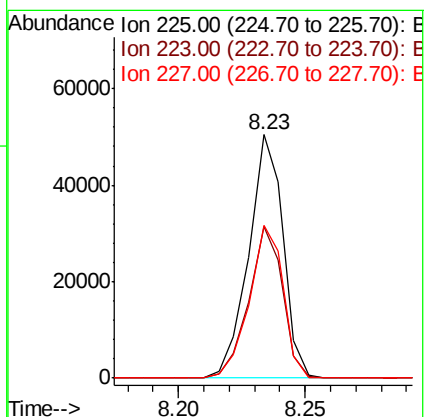
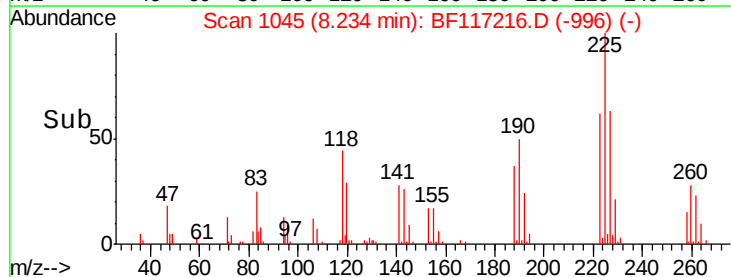
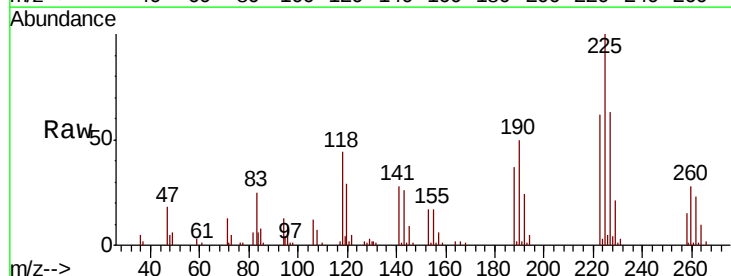
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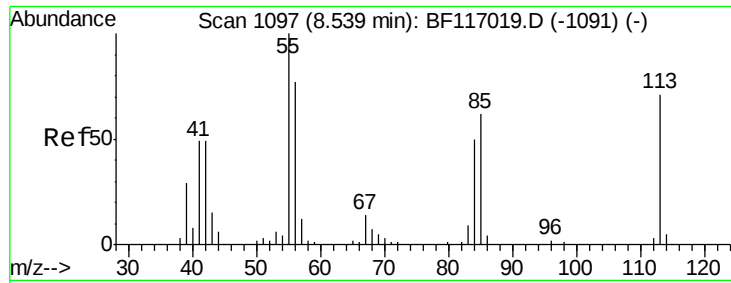
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#34
Hexachlorobutadiene
Concen: 42.713 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		47565		
223	62.2	49.1	73.7		
227	62.5	52.2	78.2		





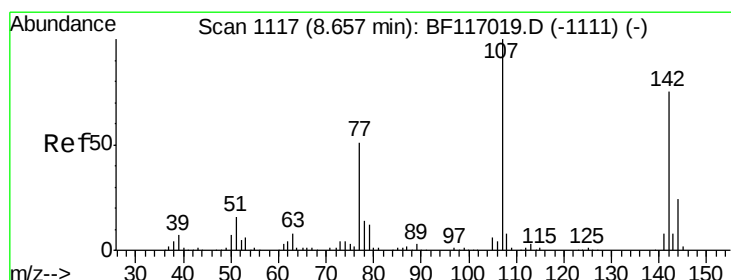
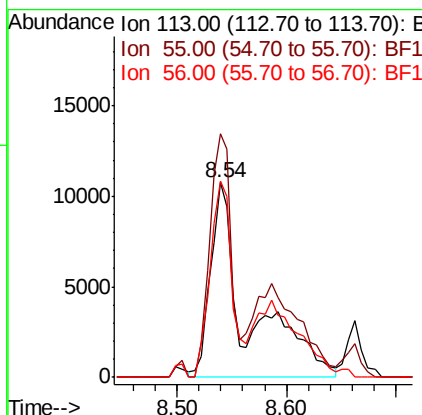
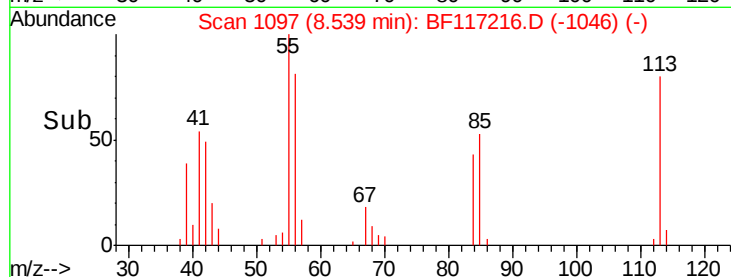
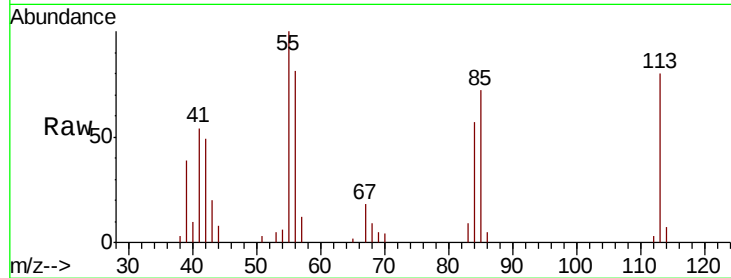
#35
 Caprolactam
 Concen: 41.479 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	125.0	120.6	160.6
56	101.0	88.8	128.8

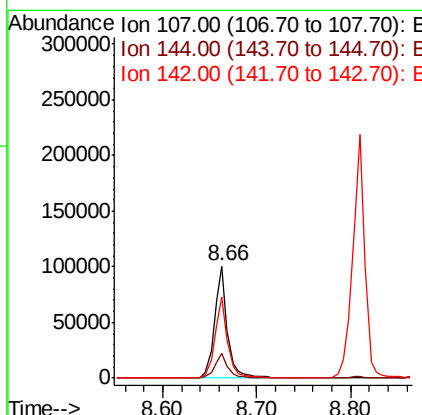
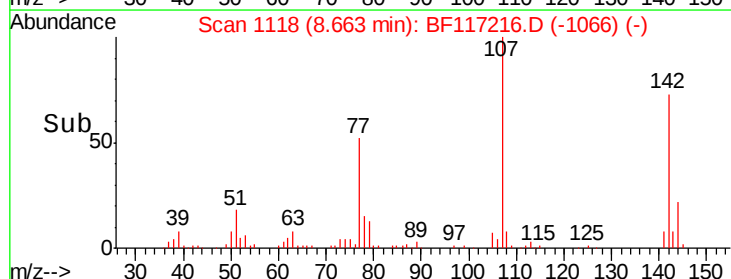
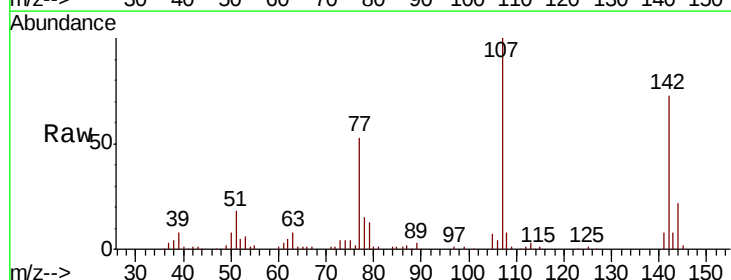
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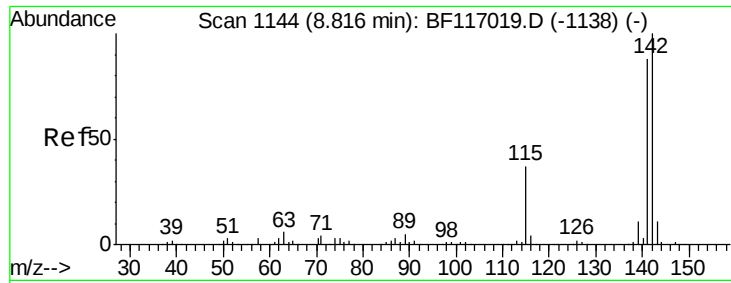
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#36
 4-Chloro-3-methylphenol
 Concen: 46.381 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.2	28.8
142	72.9	59.6	89.4





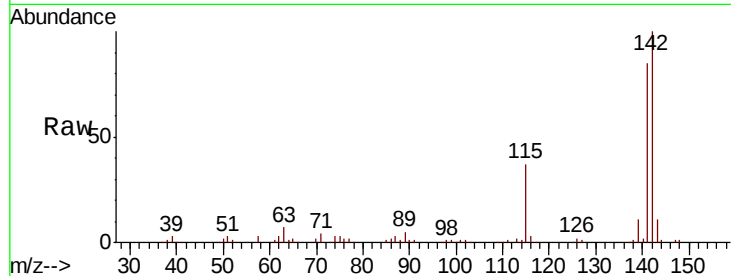
#37
2-Methylnaphthalene
Concen: 45.156 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.9	70.7	106.1
115	36.8	29.4	44.0

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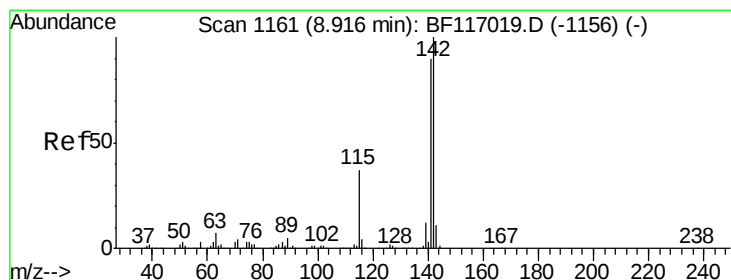
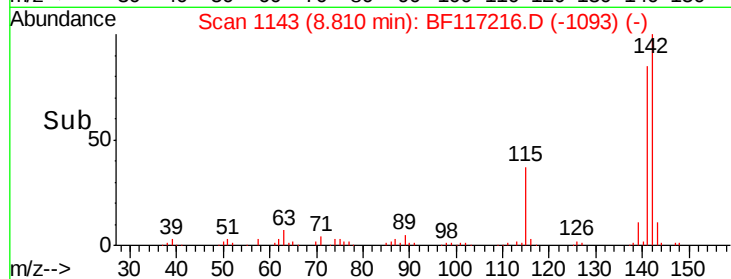
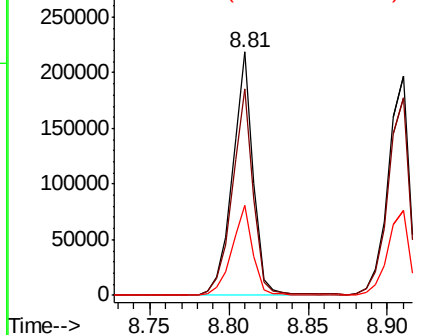


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.096 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

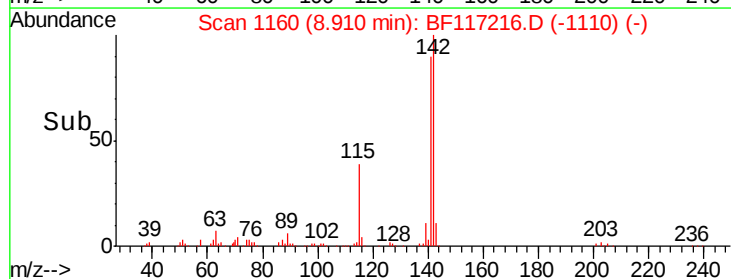
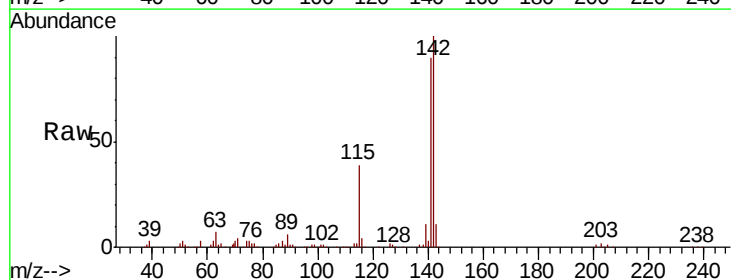
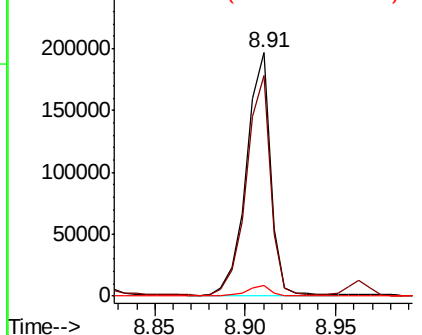
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	4.1	3.2	4.8

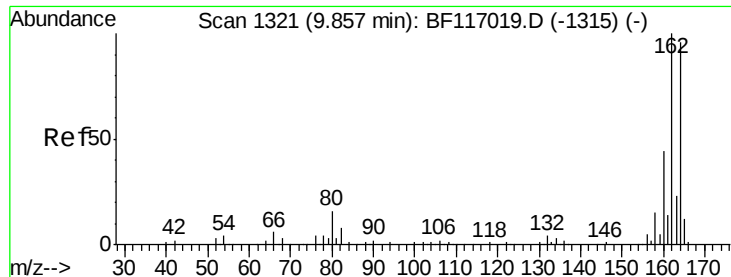
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB123227BS

Tot Ion:164 Resp: 71100

Ion Ratio Lower Upper

164 100

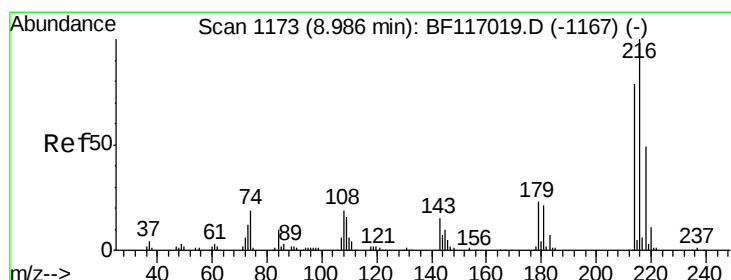
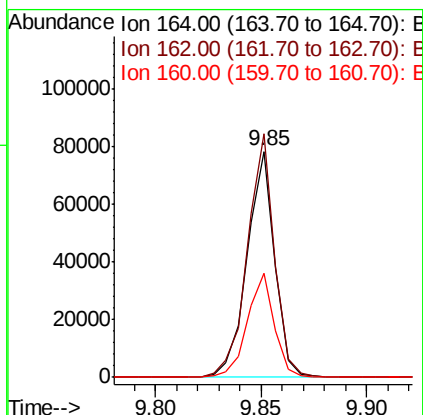
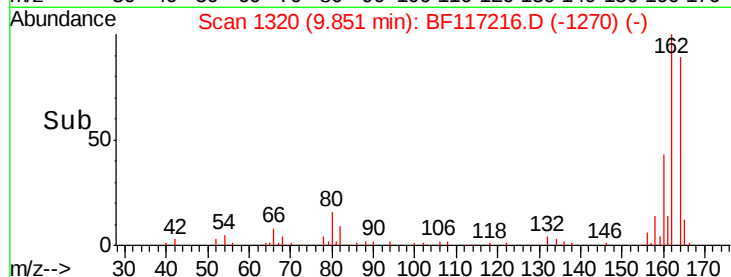
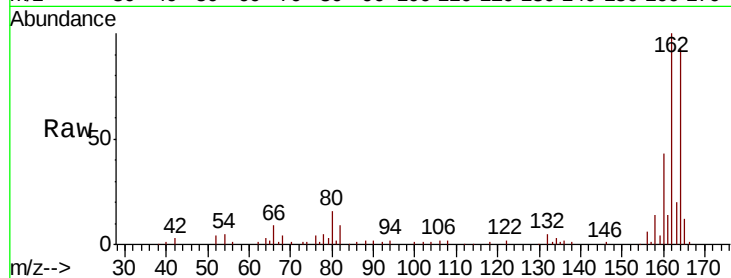
162 107.7 83.4 125.2

160 46.2 36.4 54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.645 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:216 Resp: 78295

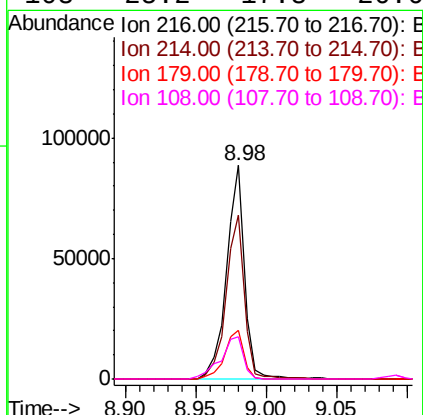
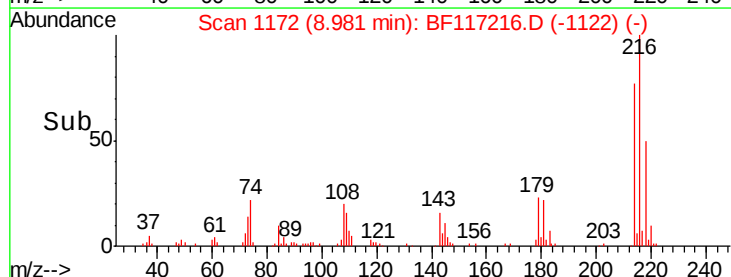
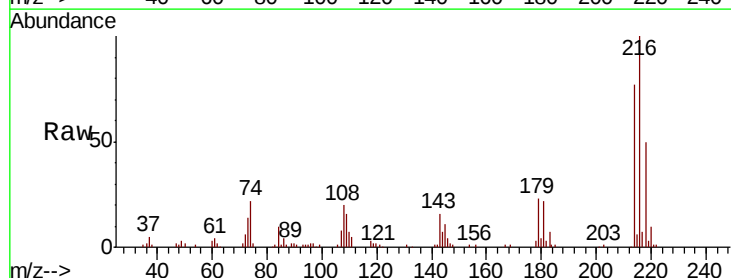
Ion Ratio Lower Upper

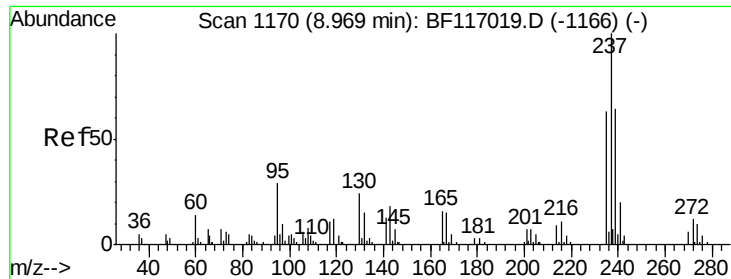
216 100

214 78.5 63.6 95.4

179 23.9 18.3 27.5

108 25.2 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 80.508 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

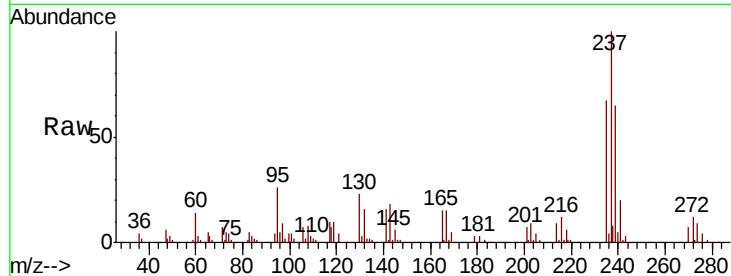
ClientSampleId :

PB123227BS

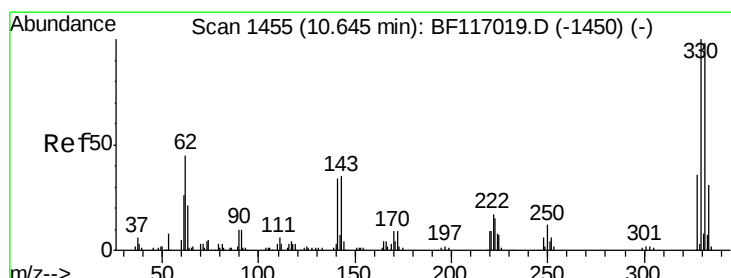
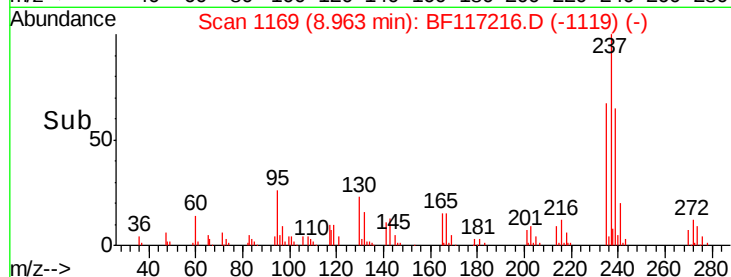
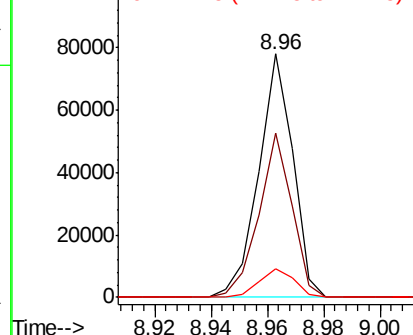
Tot Ion:	237	Resp:	65381
Ion Ratio	Lower	Upper	
237	100		
235	67.3	43.2	83.2
272	11.9	0.0	31.9

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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: 125.444 ng

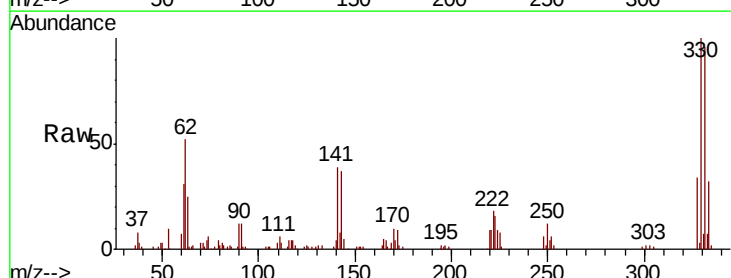
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

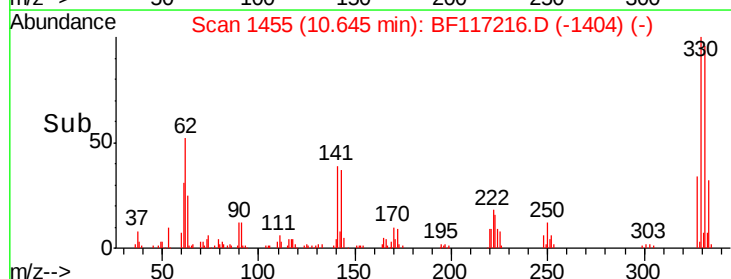
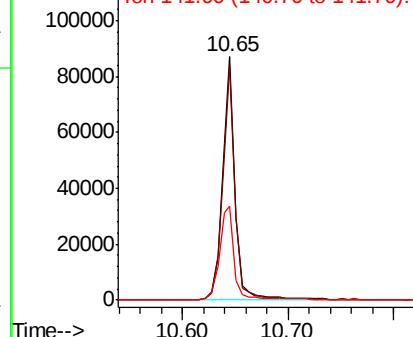
Lab File: BF117216.D

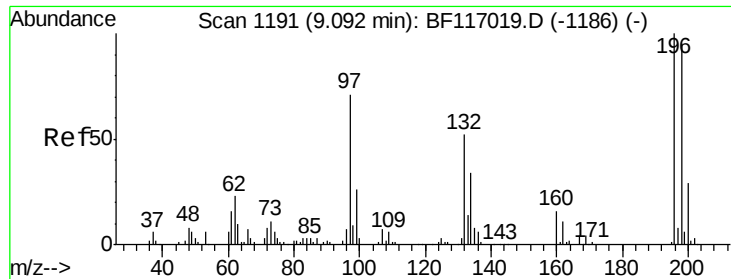
Acq: 24 Sep 2019 15:28

Tgt Ion:	330	Resp:	74543
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.0	117.0
141	44.5	35.8	53.6



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





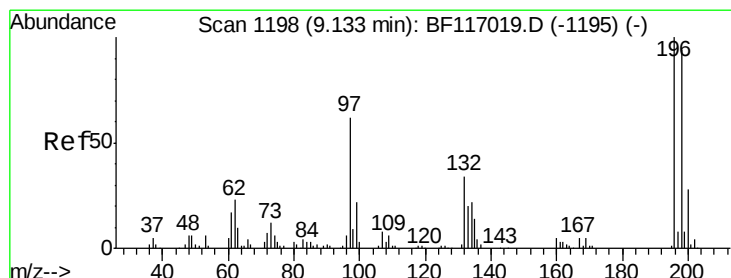
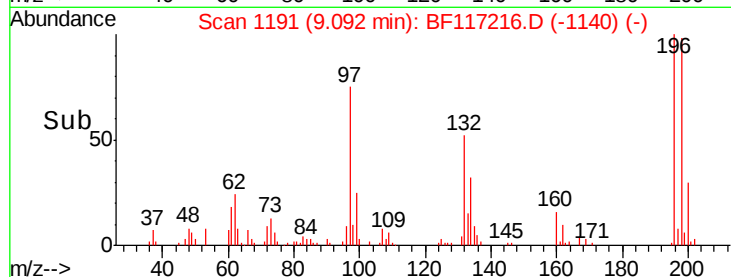
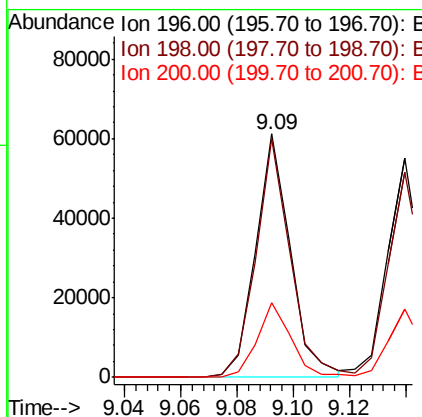
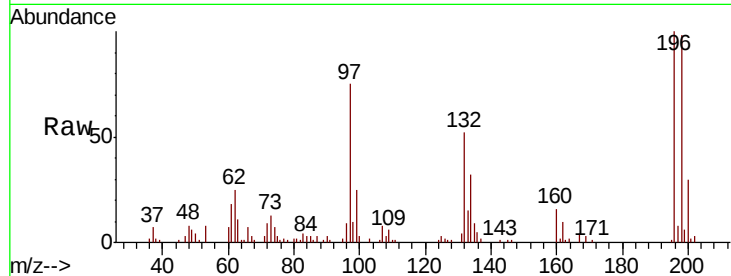
#43
 2,4,6-Trichlorophenol
 Concen: 41.895 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	52199		
198	98.0	75.7	113.5	
200	30.4	23.3	34.9	

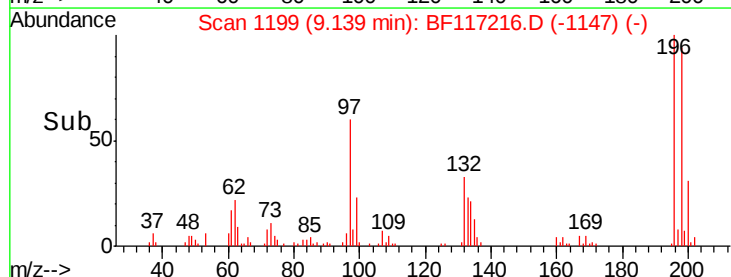
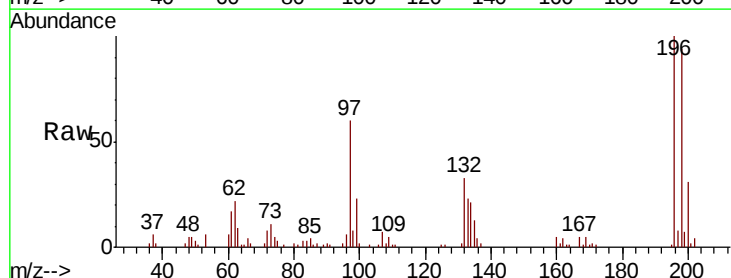
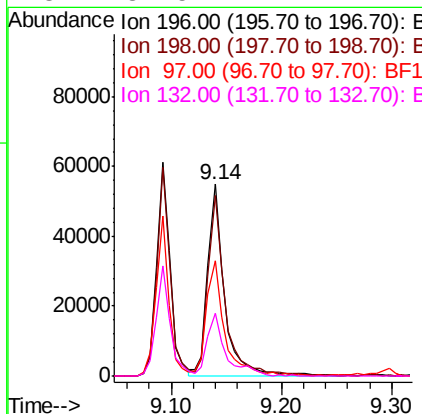
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#44
 2,4,5-Trichlorophenol
 Concen: 43.103 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57378		
198	94.0	74.6	112.0	
97	59.8	49.5	74.3	
132	32.5	27.4	41.2	





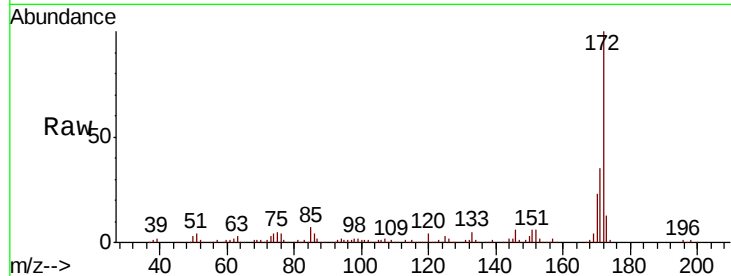
#45
2-Fluorobiphenyl
Concen: 75.009 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	28.2	42.2	
170	23.1	18.9	28.3	

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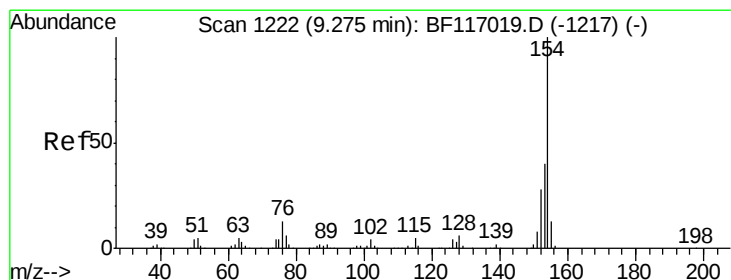
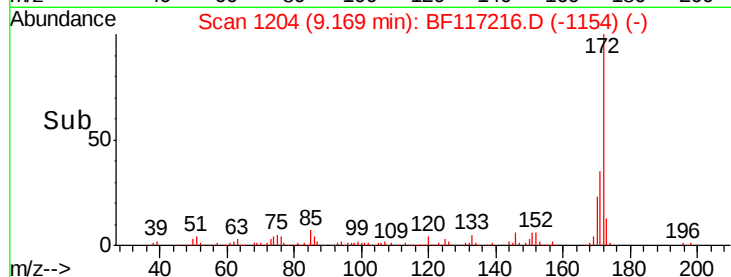
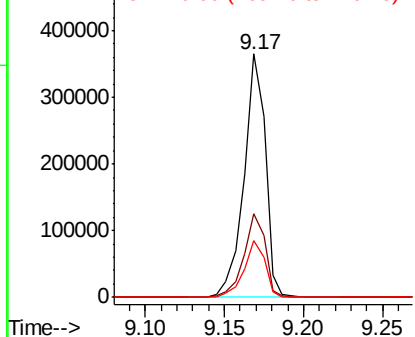


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.746 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

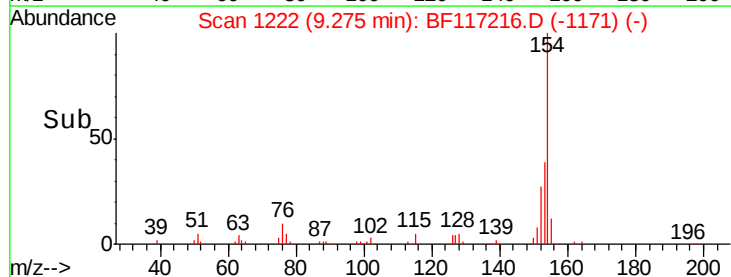
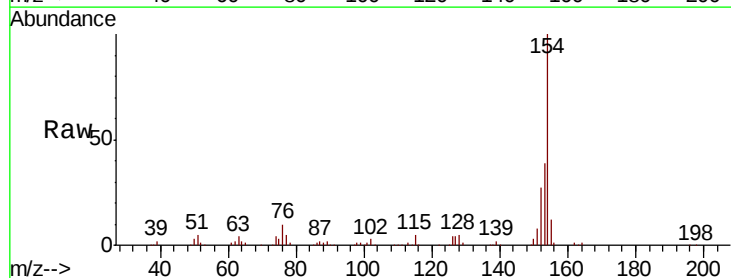
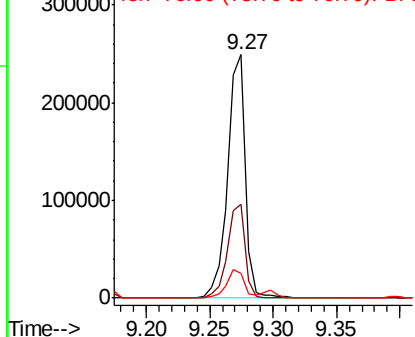
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	38.8	20.0	60.0	
76	10.3	0.0	32.7	

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





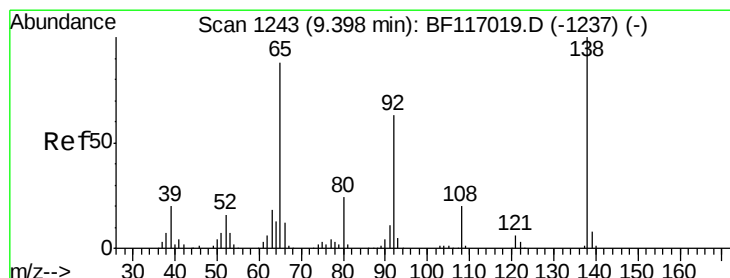
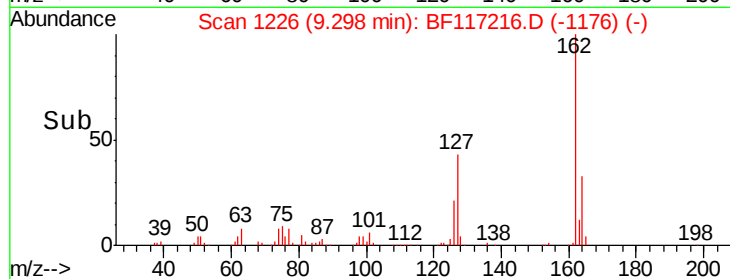
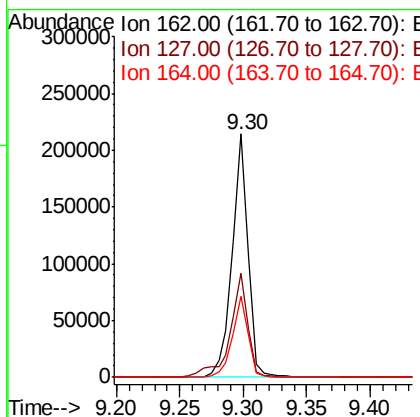
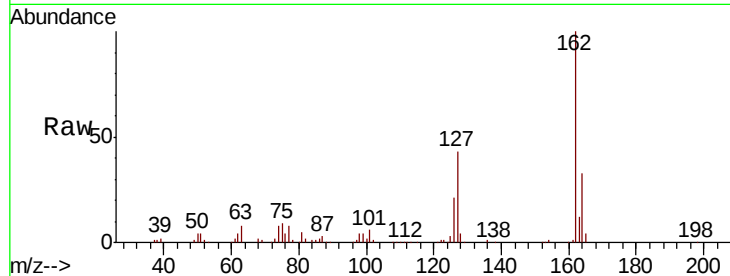
#47
 2-Chloronaphthalene
 Concen: 41.899 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.7	34.1	51.1		
164	33.1	25.9	38.9		

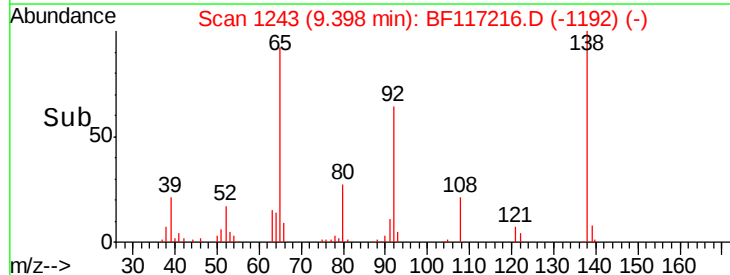
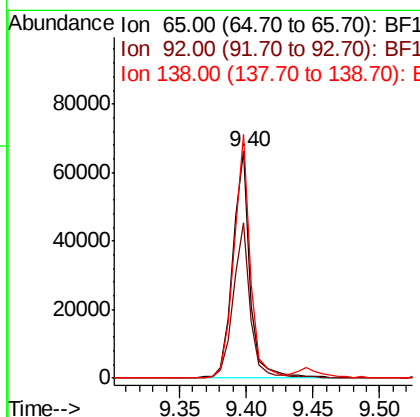
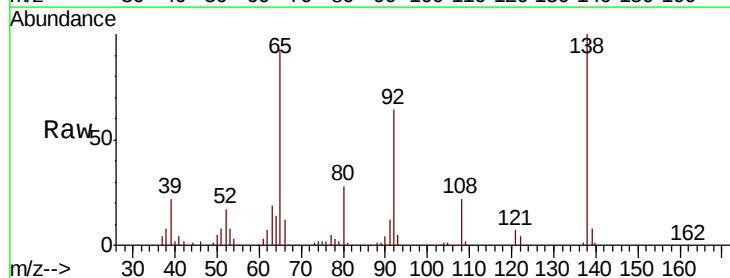
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#48
 2-Nitroaniline
 Concen: 42.611 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.7	57.5	86.3		
138	107.5	90.6	136.0		





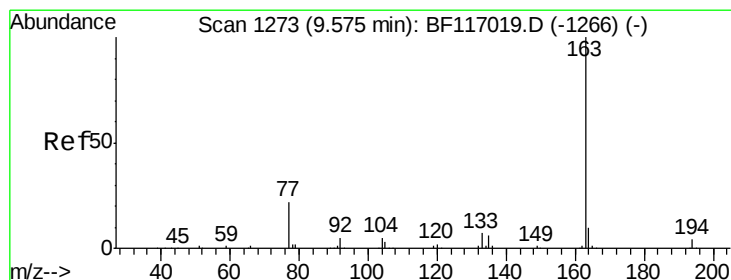
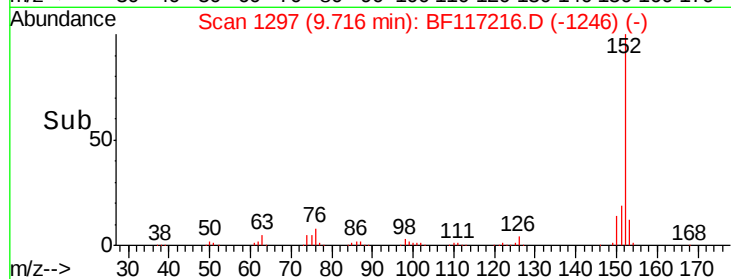
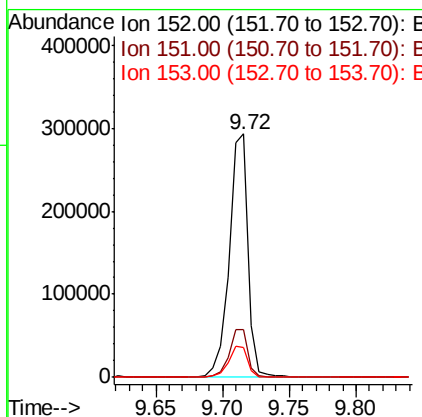
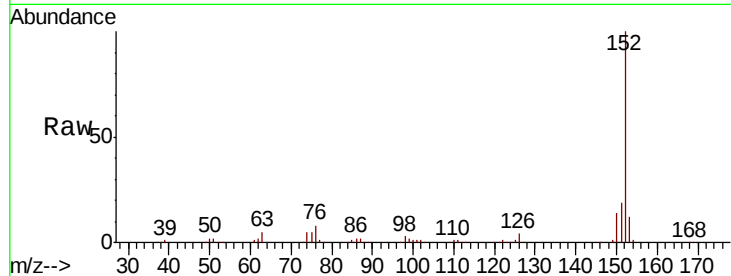
#49
Acenaphthylene
Concen: 44.208 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		291497		
151	19.4	16.2	24.2		
153	12.3	10.2	15.4		

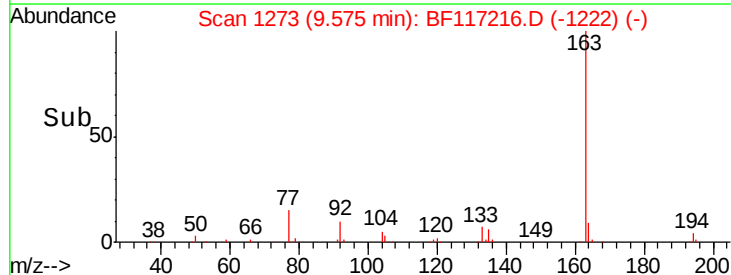
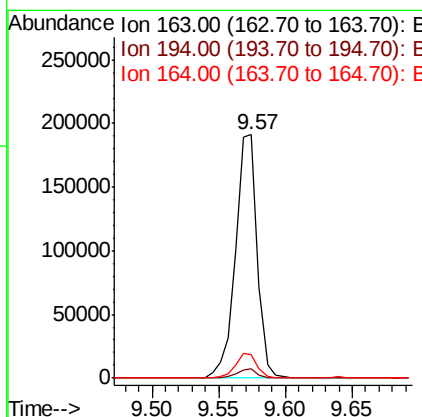
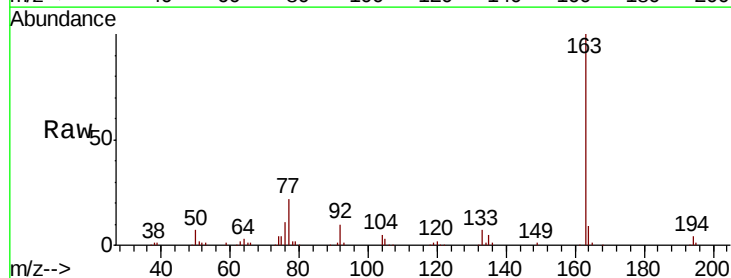
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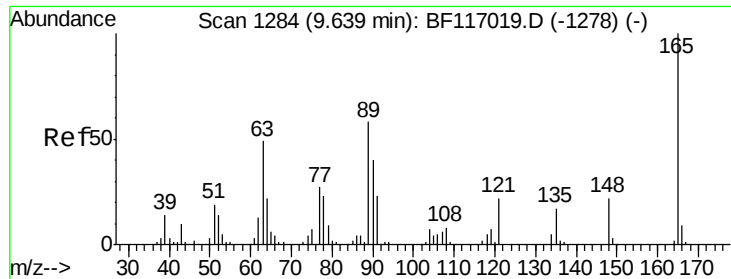
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#50
Dimethylphthalate
Concen: 43.343 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		218200		
194	3.9	2.9	4.3		
164	9.4	8.2	12.4		





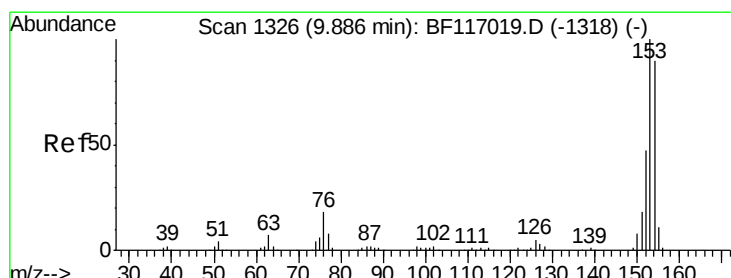
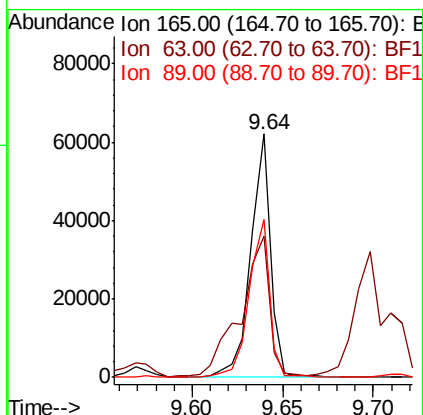
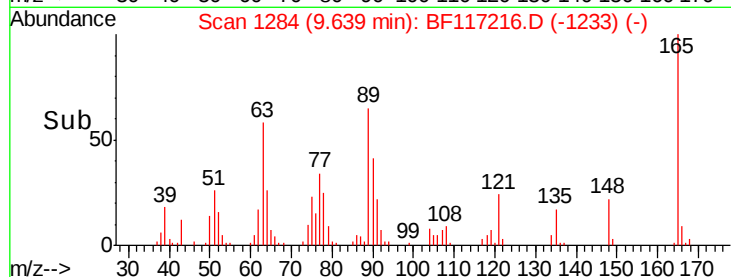
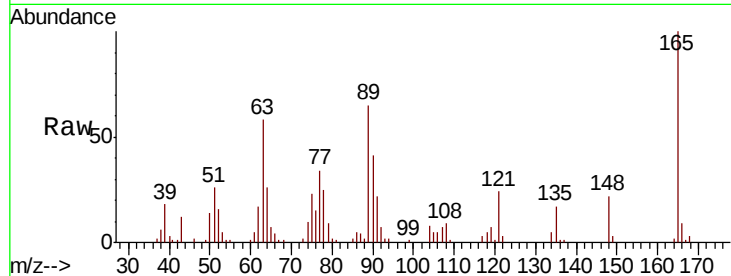
#51
 2,6-Dinitrotoluene
 Concen: 46.031 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	47196		
63	58.2		41.8	62.8
89	65.0		46.5	69.7

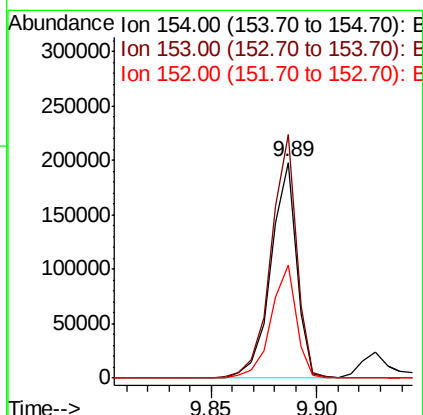
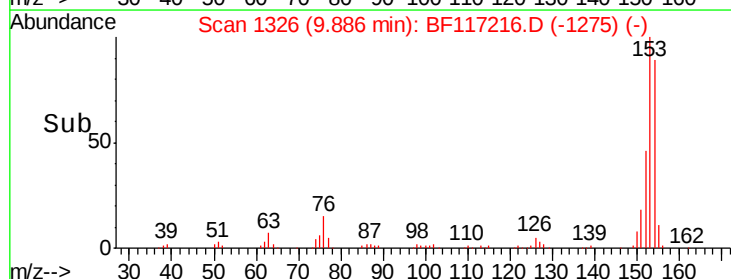
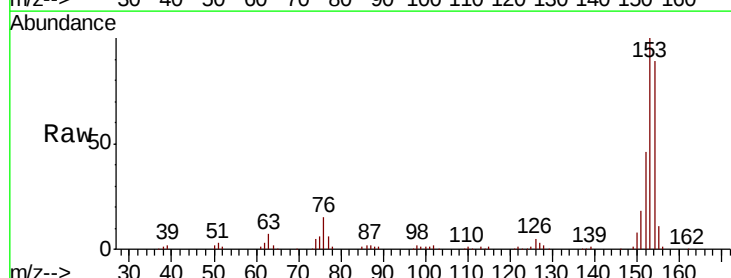
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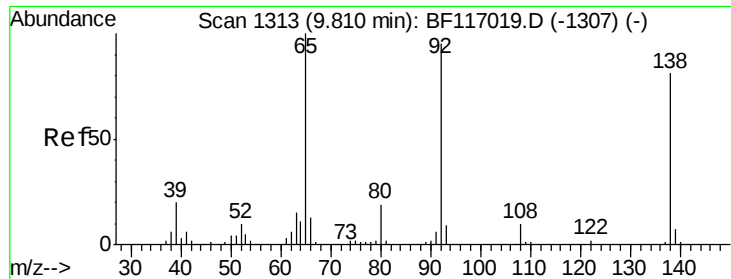
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#52
 Acenaphthene
 Concen: 43.165 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	168717		
153	112.9		89.0	133.6
152	52.2		41.9	62.9





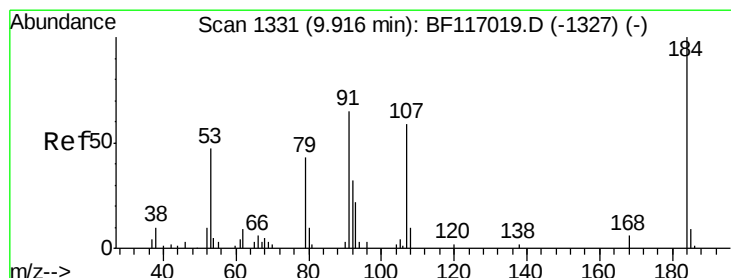
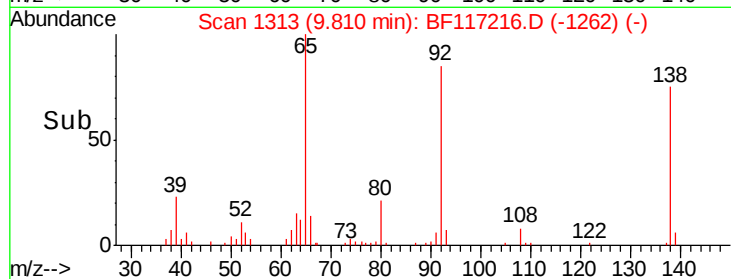
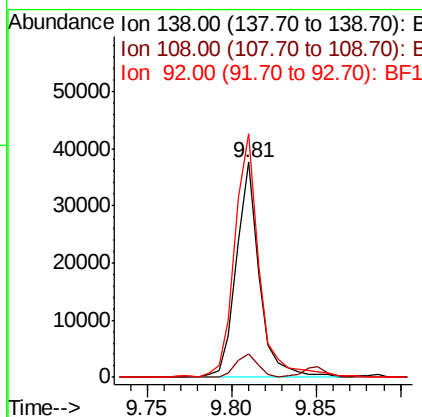
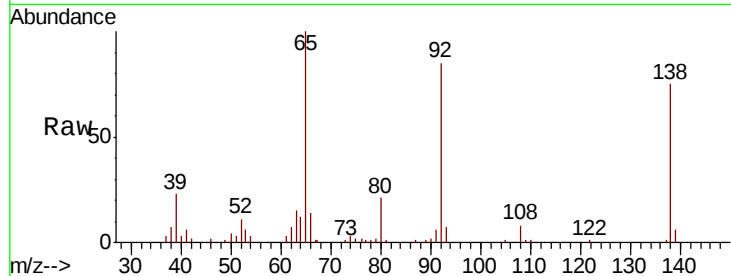
#53
 3-Nitroaniline
 Concen: 27.475 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.5	14.3
92	113.3	94.1	141.1

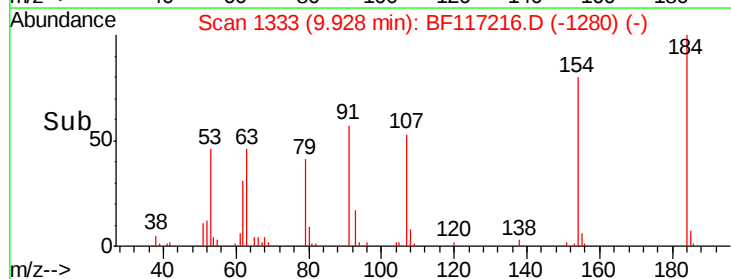
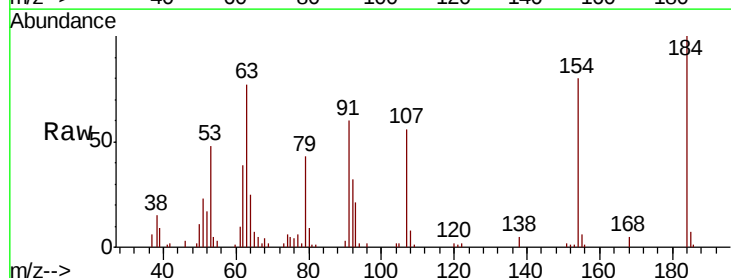
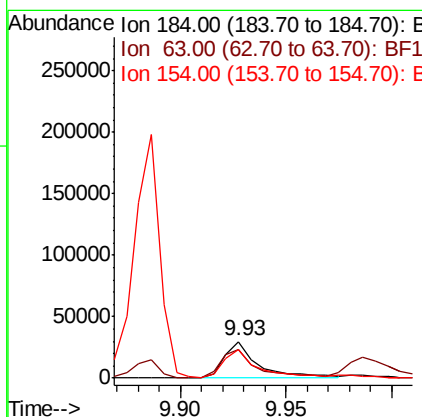
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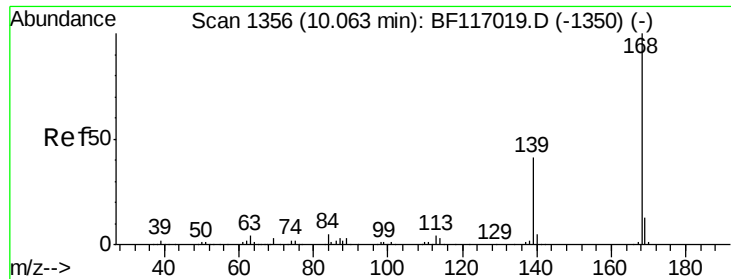
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#54
 2,4-Dinitrophenol
 Concen: 75.261 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.4	63.8	95.6
154	80.1	60.4	90.6





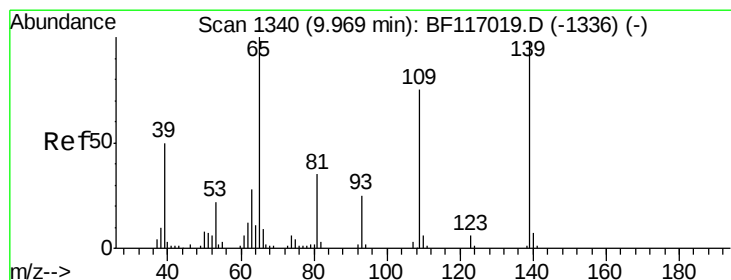
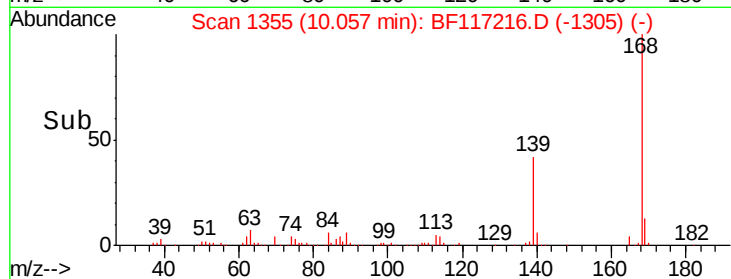
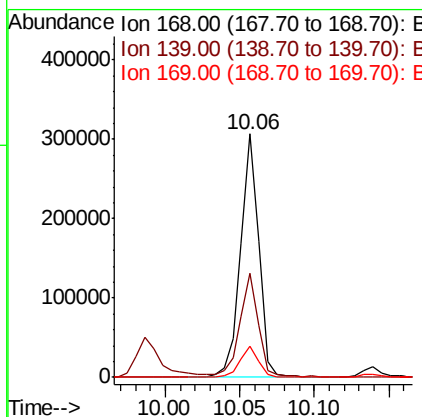
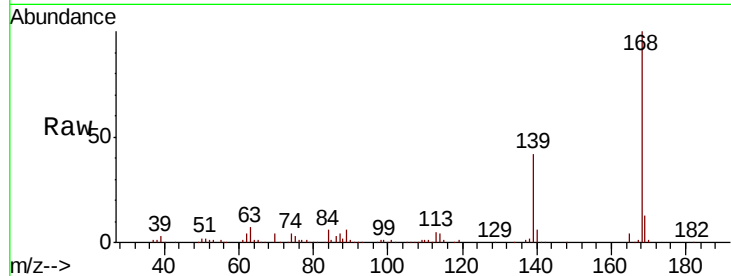
#55
Dibenzenofuran
Concen: 45.446 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	32.8	49.2
169	12.8	10.5	15.7

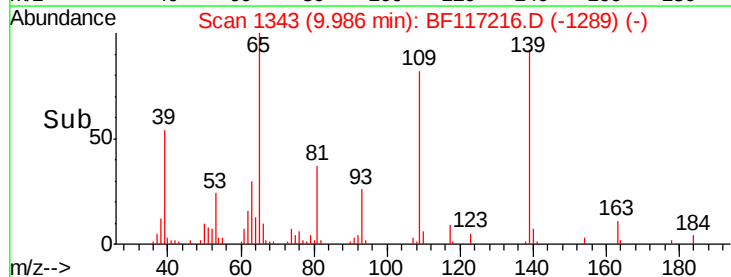
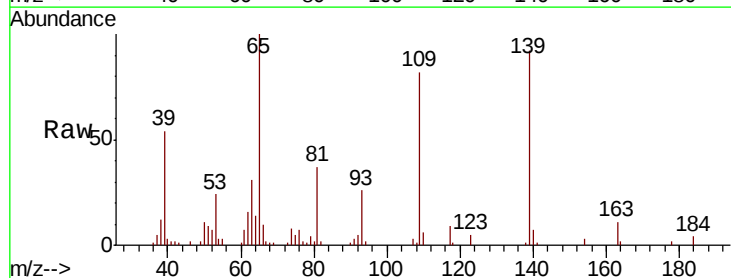
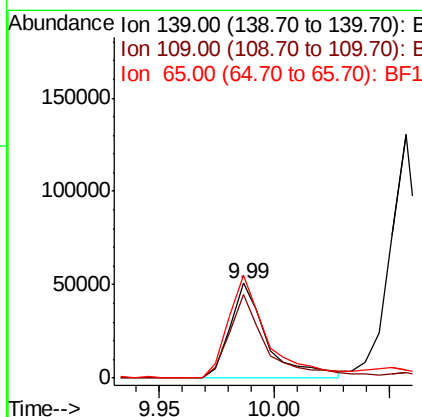
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#56
4-Nitrophenol
Concen: 68.237 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.4	56.4	96.4
65	108.3	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 48.162 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

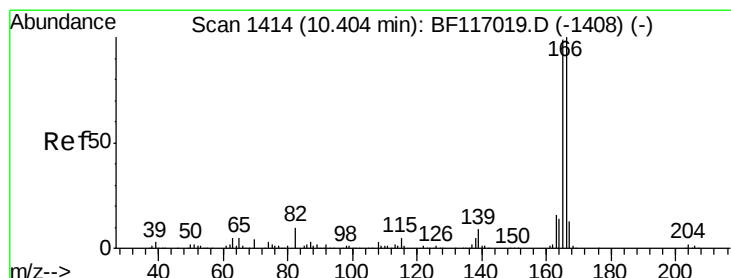
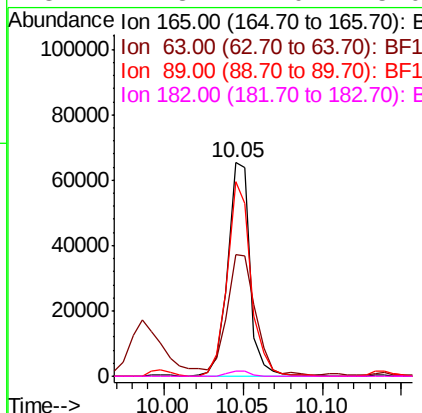
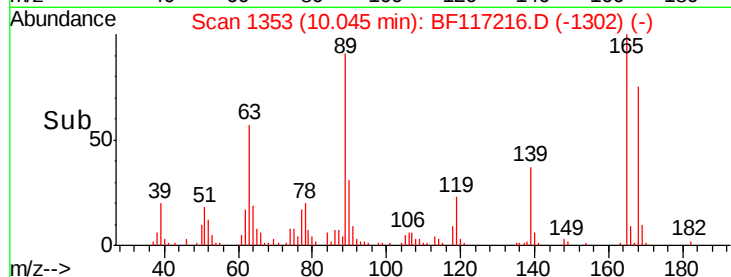
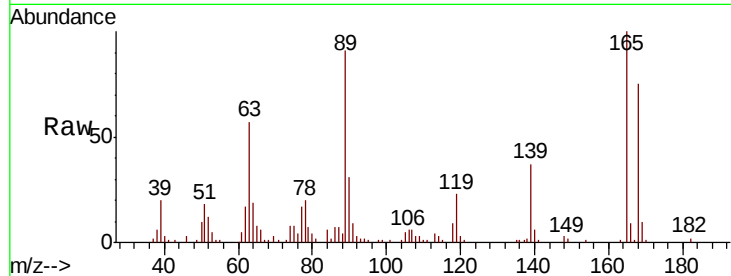
ClientSampleId :

PB123227BS

Tot Ion:	165	Resp:	64100
Ion Ratio	Lower	Upper	
165	100		
63	57.0	35.0	52.4#
89	91.1	66.1	99.1
182	2.3	2.0	3.0

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#58

Fluorene

Concen: 45.924 ng

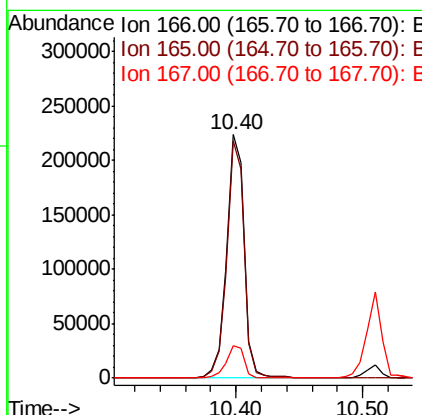
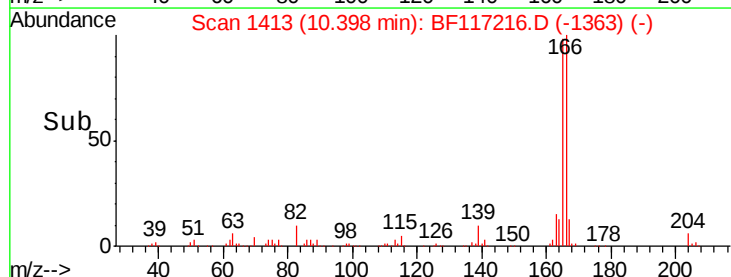
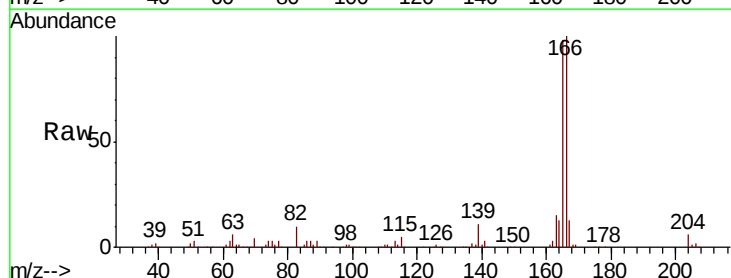
RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	166	Resp:	213340
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.9	118.3
167	13.5	10.6	15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.090 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB123227BS

Tot Ion:232 Resp: 42877

Ion Ratio Lower Upper

232 100

131 61.7 45.3 67.9

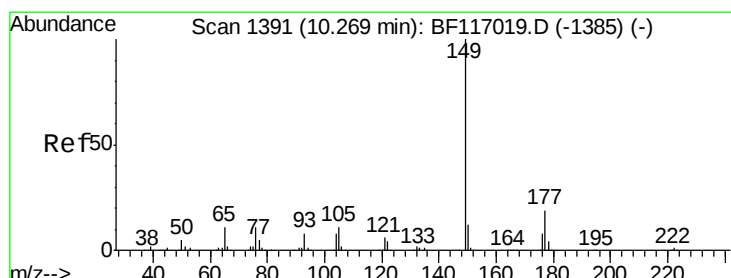
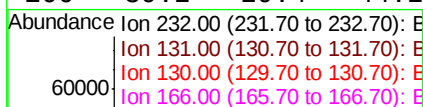
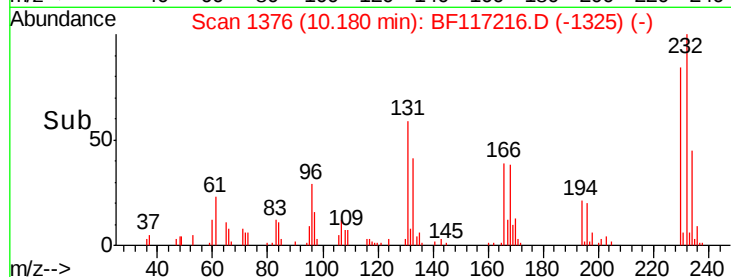
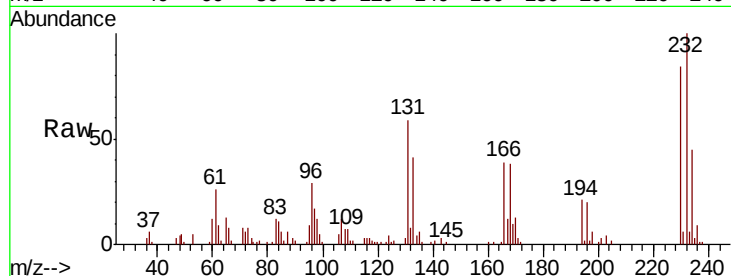
130 2.7 1.8 2.8

166 39.2 29.4 44.2

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#60

Diethylphthalate

Concen: 45.451 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

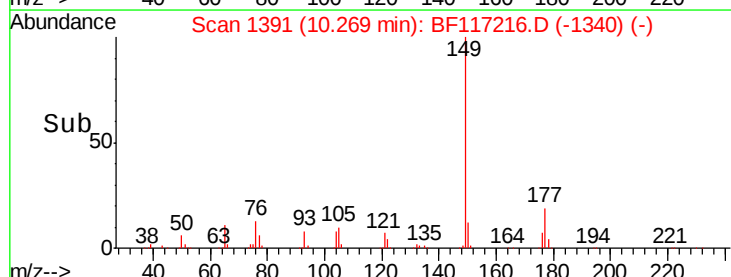
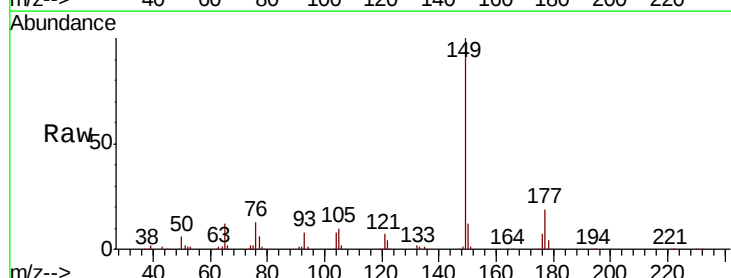
Tgt Ion:149 Resp: 225108

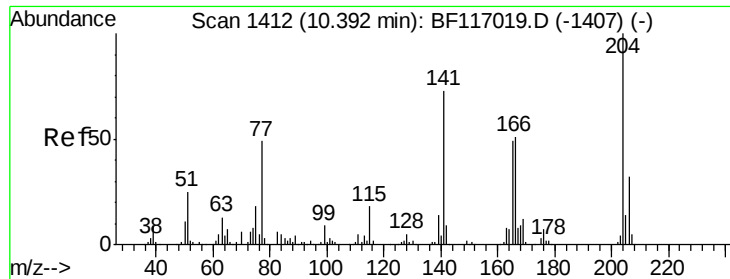
Ion Ratio Lower Upper

149 100

177 19.4 15.2 22.8

150 12.3 9.9 14.9





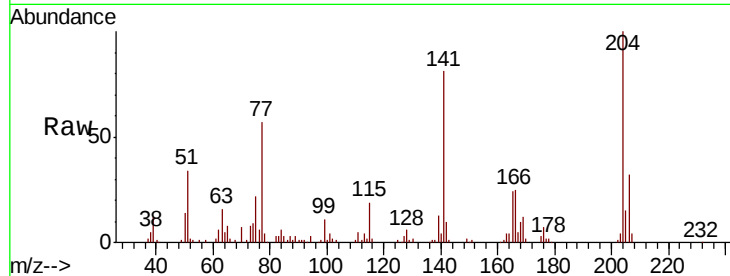
#61
4-Chlorophenyl-phenylether
Concen: 46.799 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampled :
PB123227BS

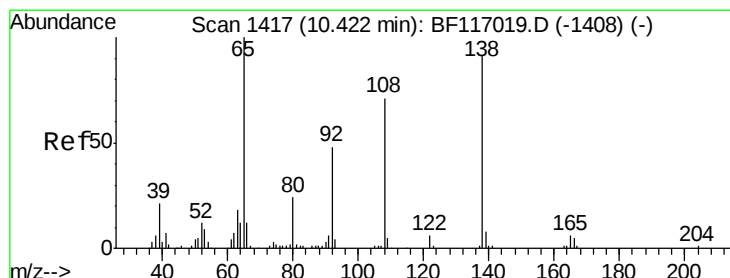
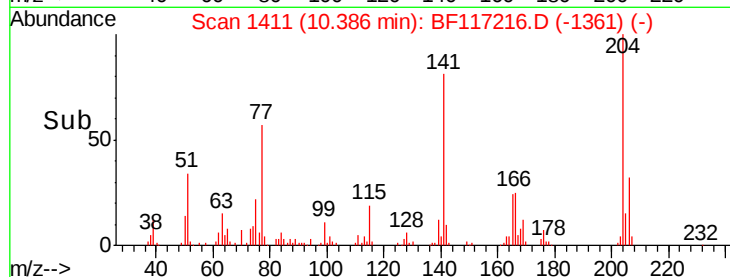
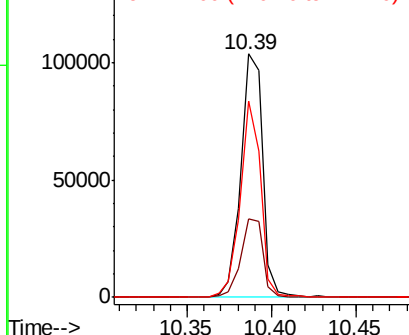
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	80.7	58.2	87.2

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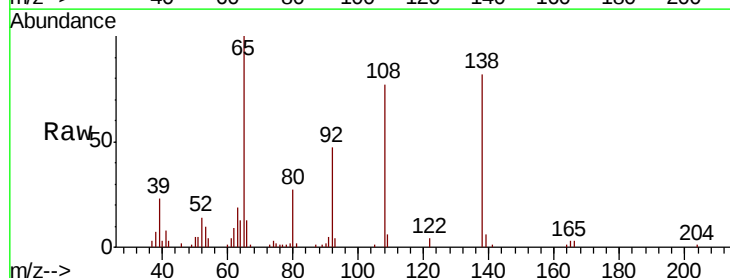


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

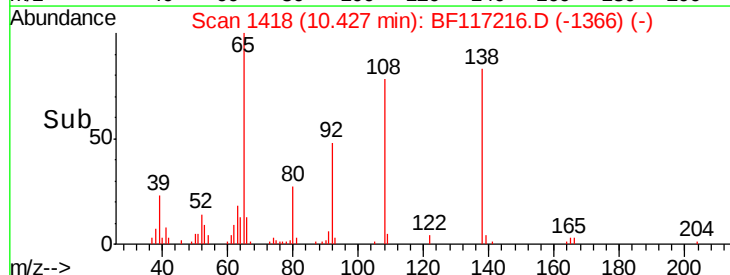
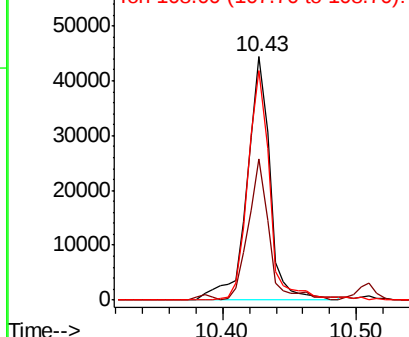


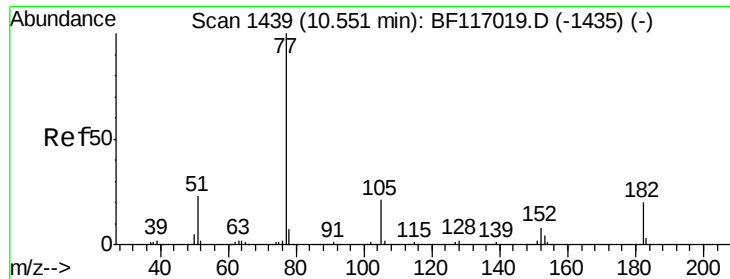
#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	32.9	72.9
108	94.0	58.3	98.3



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





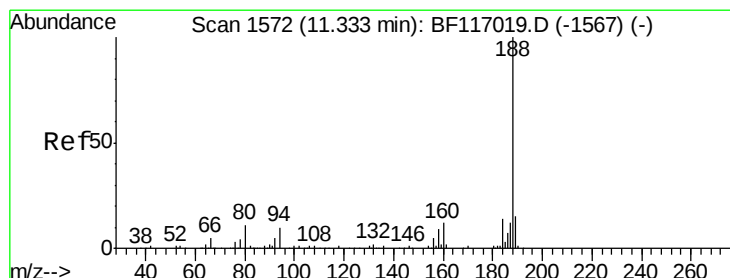
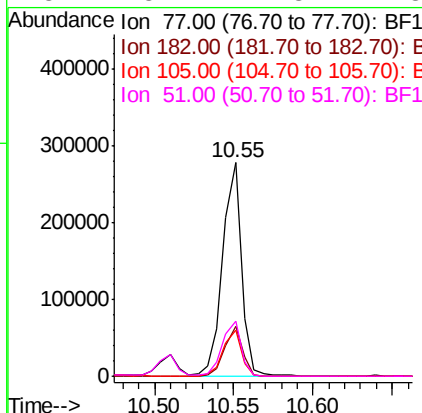
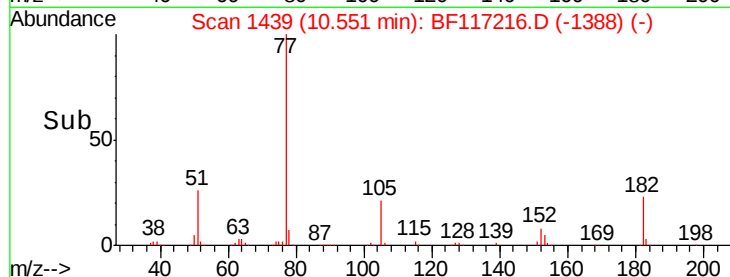
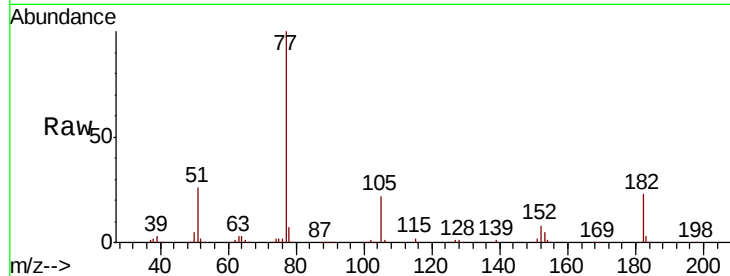
#63
Azobenzene
Concen: 45.787 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		231613		
182	23.3	0.4	40.4		
105	21.7	0.9	40.9		
51	25.7	2.8	42.8		

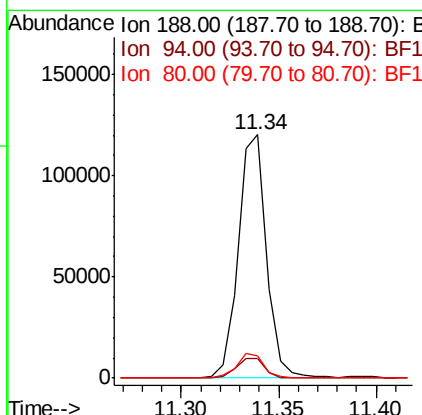
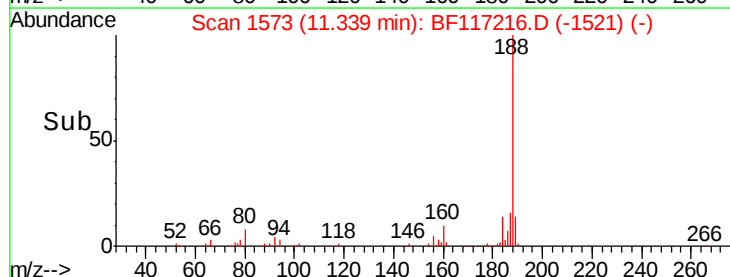
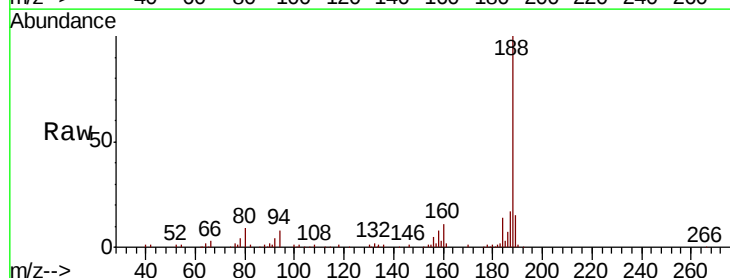
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		119607		
94	8.0	8.2	12.2#		
80	9.2	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 47.565 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

ClientSampled :

PB123227BS

Tot Ion:198 Resp: 25882

Ion Ratio Lower Upper

198 100

51 47.8 18.7 58.7

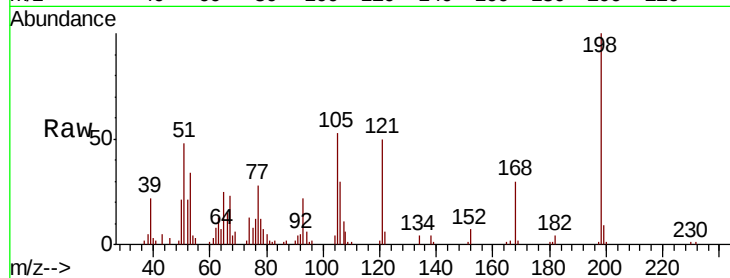
105 53.4 30.2 70.2

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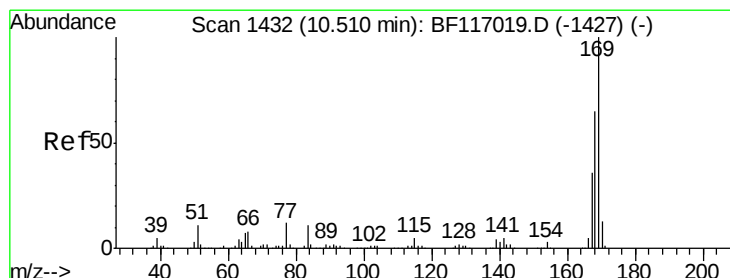
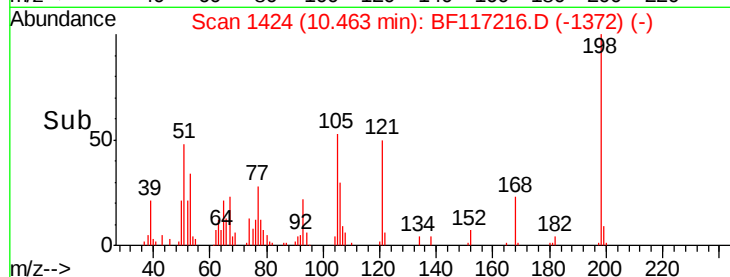
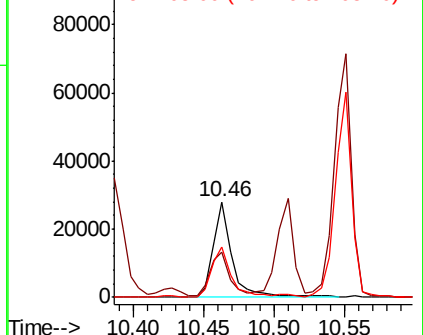
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.470 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

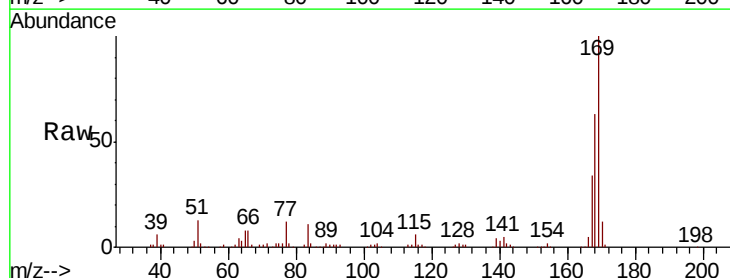
Tgt Ion:169 Resp: 187824

Ion Ratio Lower Upper

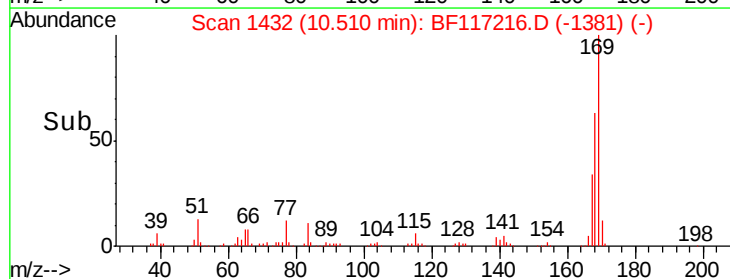
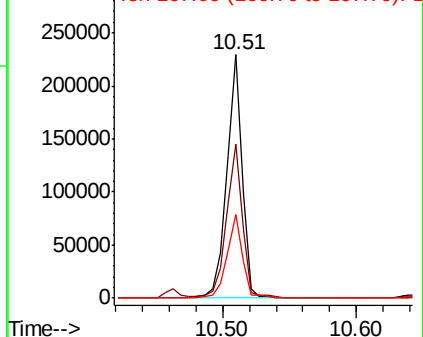
169 100

168 63.4 52.2 78.2

167 34.2 28.8 43.2



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





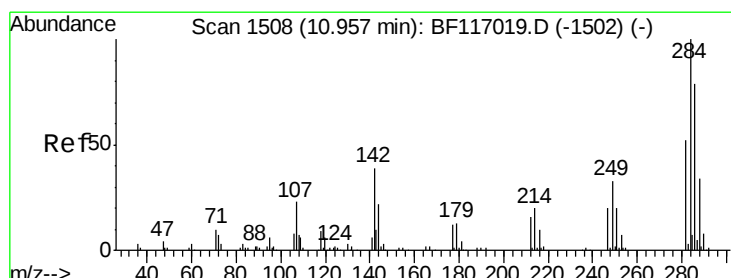
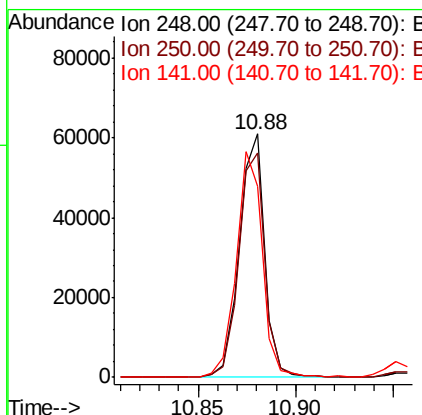
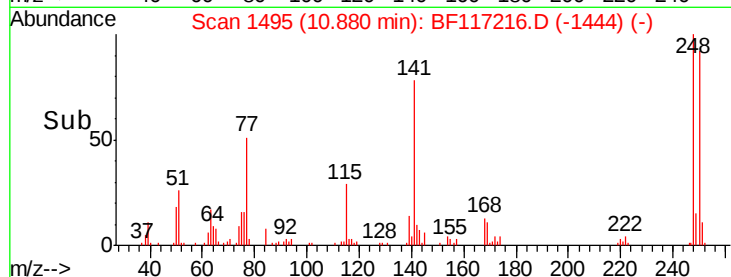
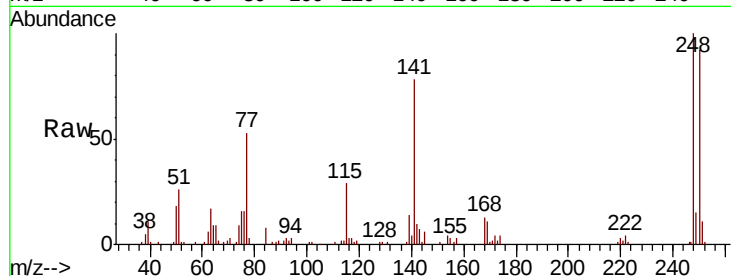
#67
 4-Bromophenyl-phenylether
 Concen: 44.767 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion:	248	Resp:	54682
Ion Ratio	Lower	Upper	
248	100		
250	92.4	76.2	114.4
141	78.3	75.0	112.4

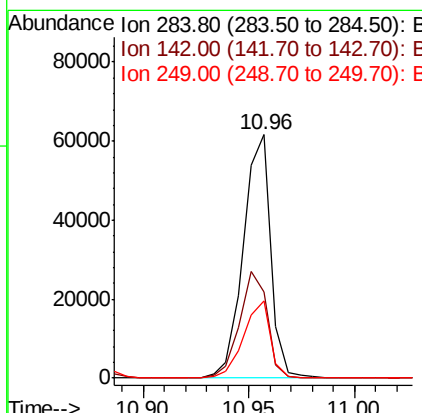
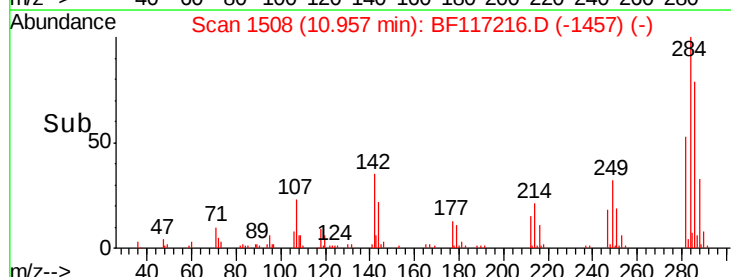
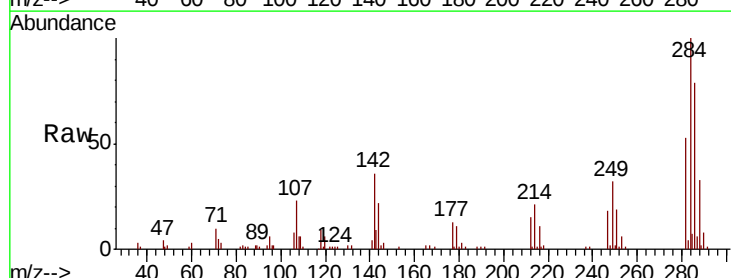
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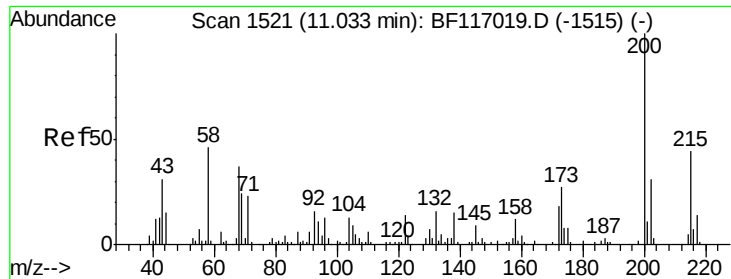
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#68
 Hexachlorobenzene
 Concen: 41.617 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion:	284	Resp:	55601
Ion Ratio	Lower	Upper	
284	100		
142	35.6	31.4	47.2
249	31.5	26.5	39.7





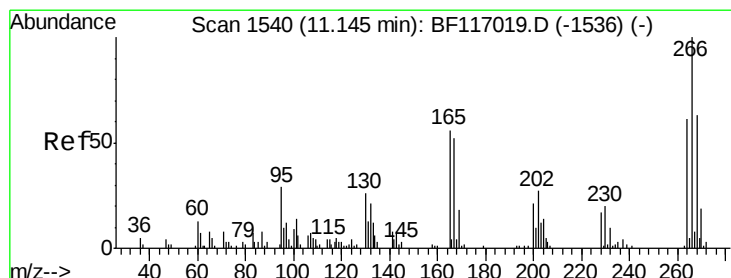
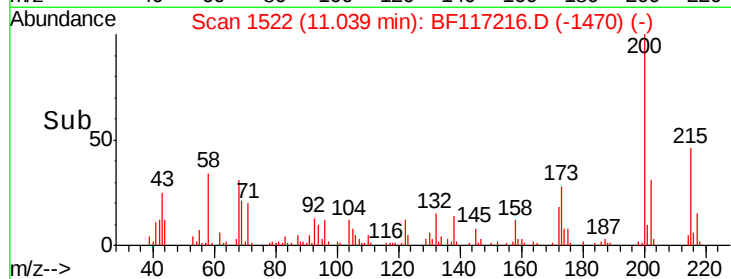
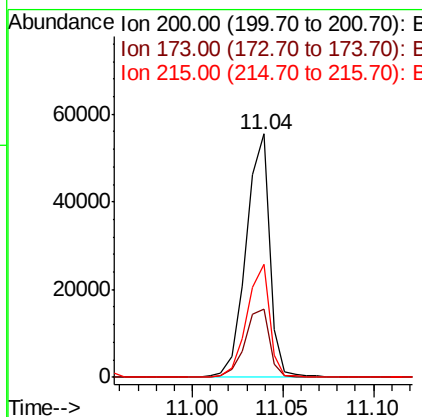
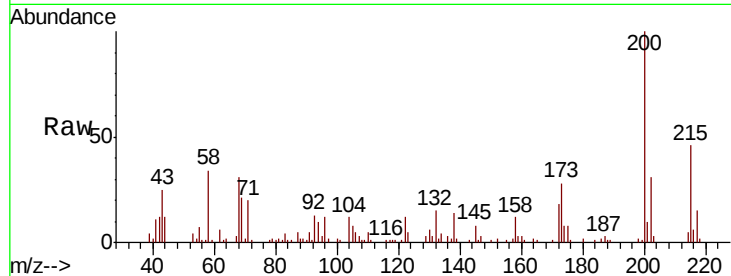
#69
Atrazine
Concen: 50.456 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	6.9	46.9
215	46.4	23.8	63.8

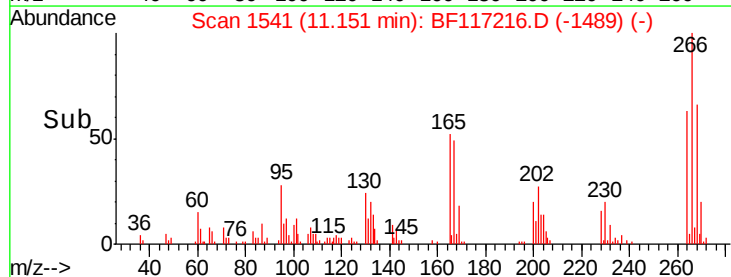
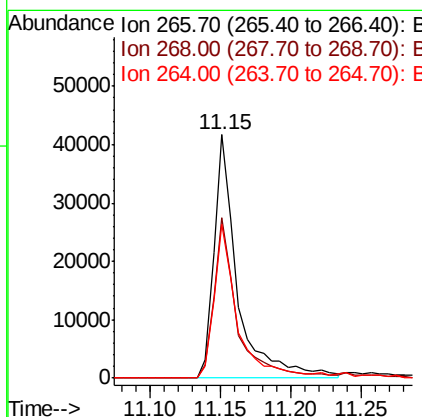
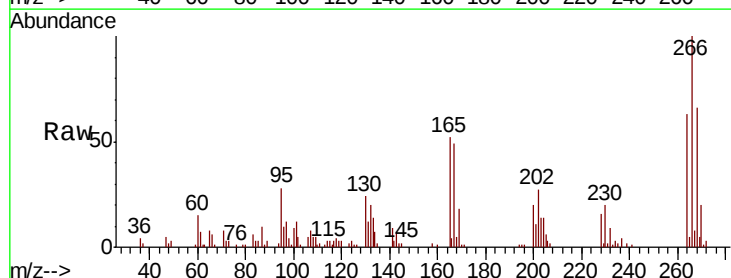
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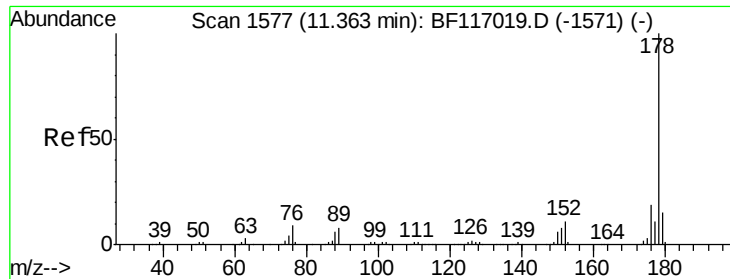
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#70
Pentachlorophenol
Concen: 77.032 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	50.5	75.7
264	63.1	48.8	73.2





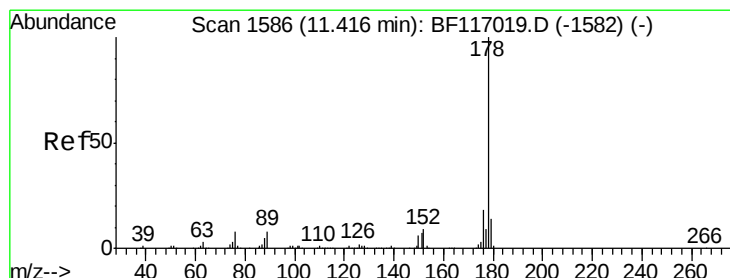
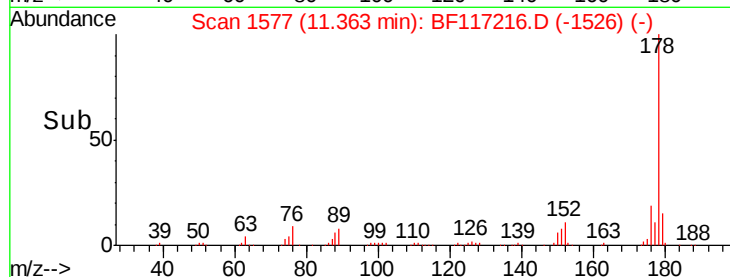
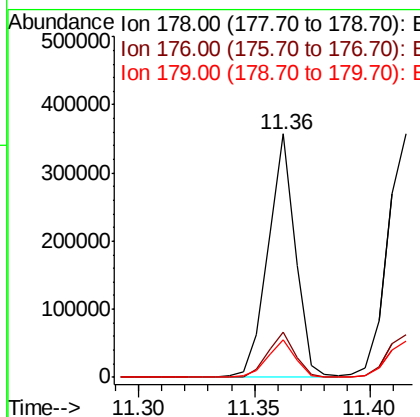
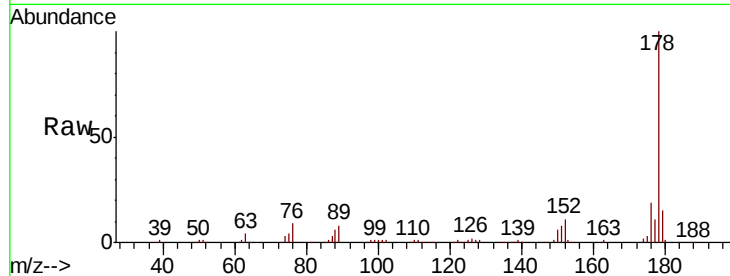
#71
Phenanthrene
Concen: 43.388 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		294764		
176	18.6	15.4	23.2		
179	15.3	12.4	18.6		

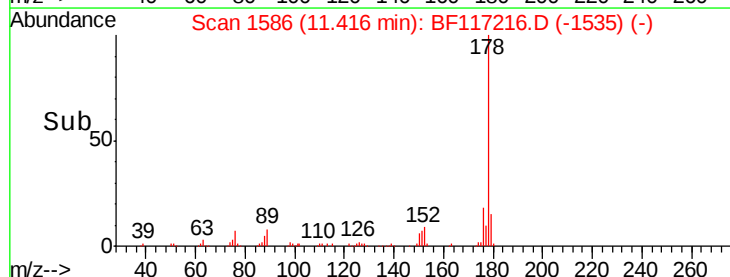
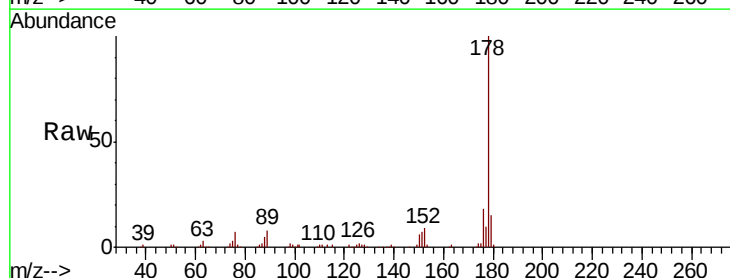
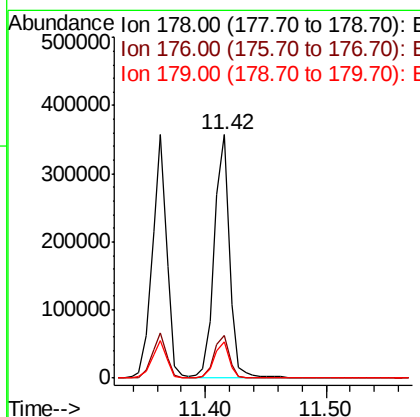
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#72
Anthracene
Concen: 44.658 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		309740		
176	17.8	14.6	21.8		
179	15.1	11.6	17.4		





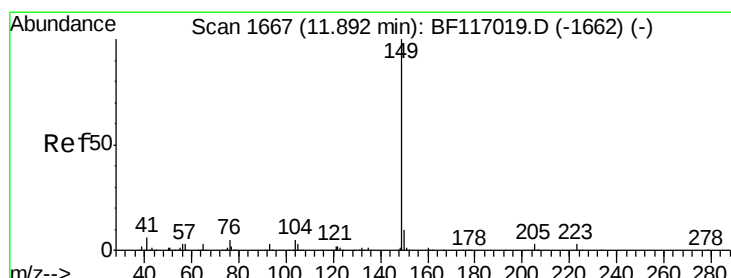
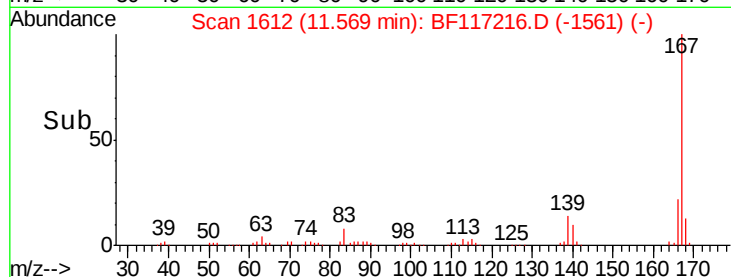
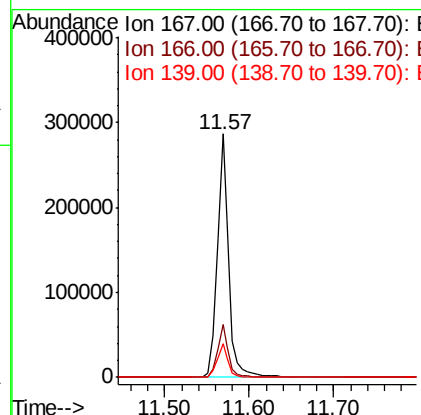
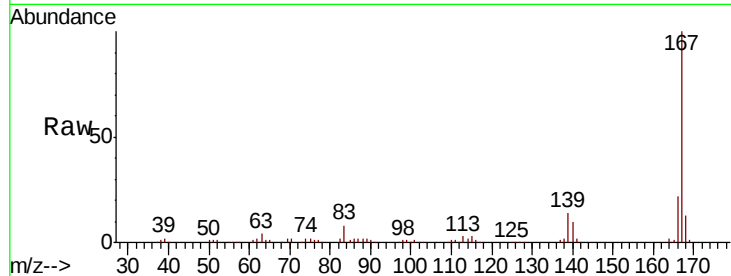
#73
 Carbazole
 Concen: 42.230 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	278018		
166	21.9		17.2	25.8
139	14.1		10.6	16.0

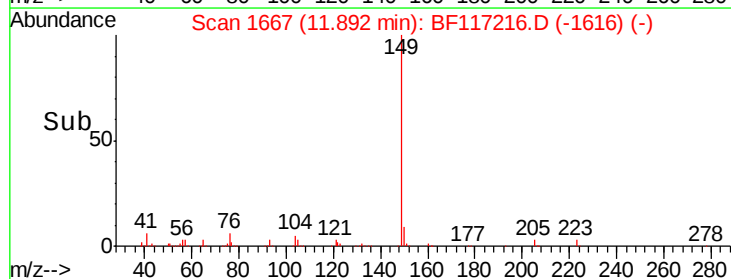
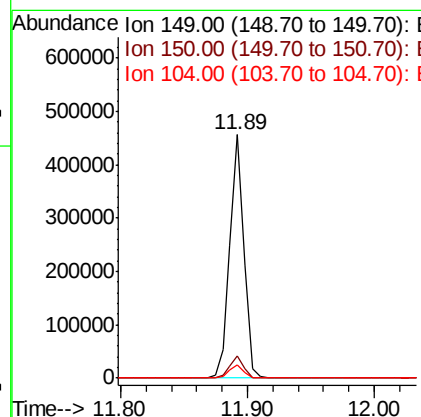
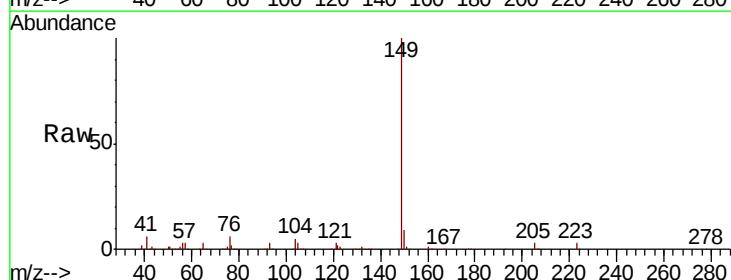
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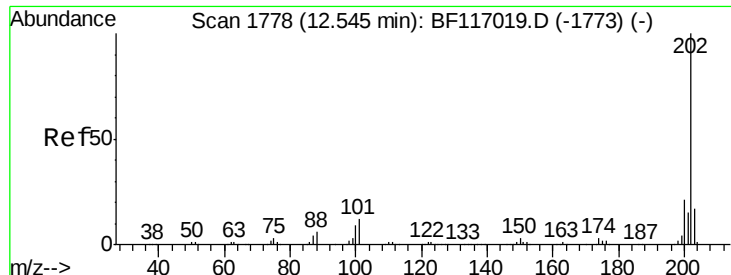
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#74
 Di-n-butylphthalate
 Concen: 45.224 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	354235		
150	9.0		7.7	11.5
104	5.3		4.2	6.4





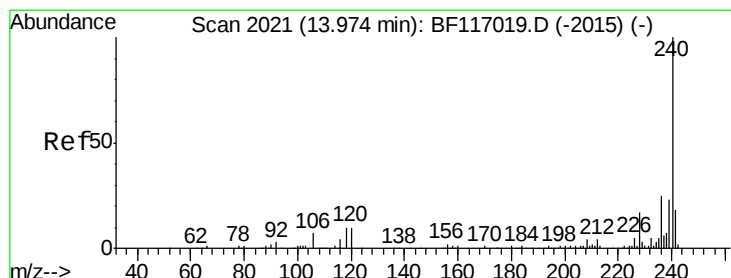
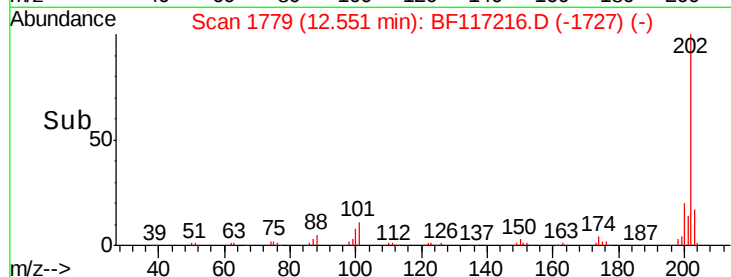
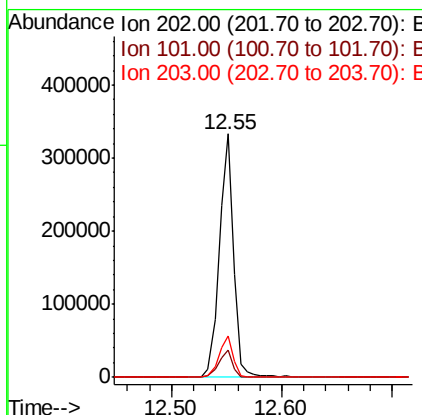
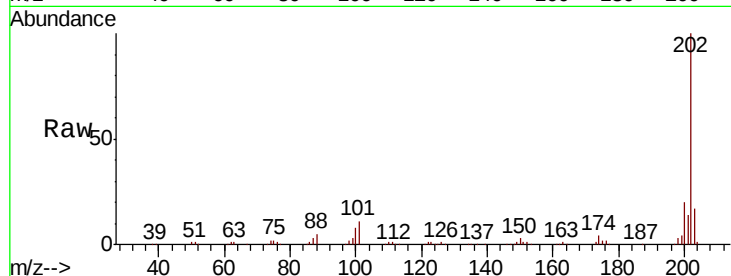
#75
 Fluoranthene
 Concen: 42.721 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	32.3
203	16.8	0.0	37.1

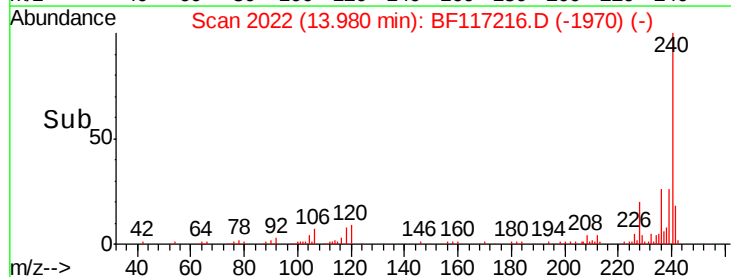
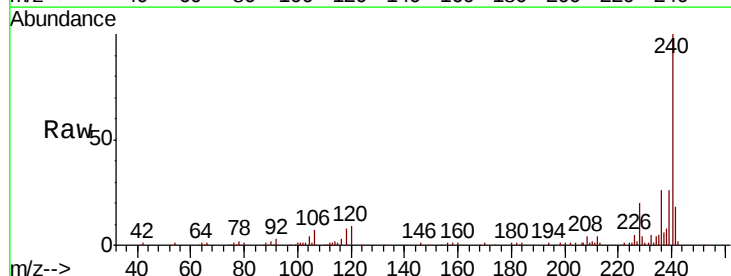
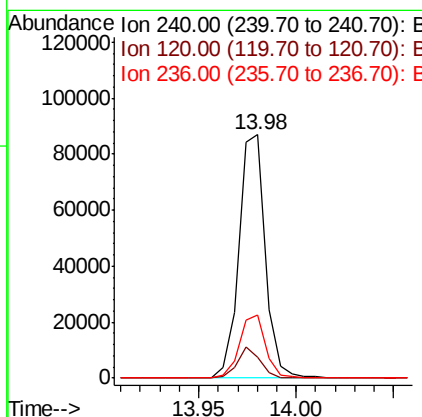
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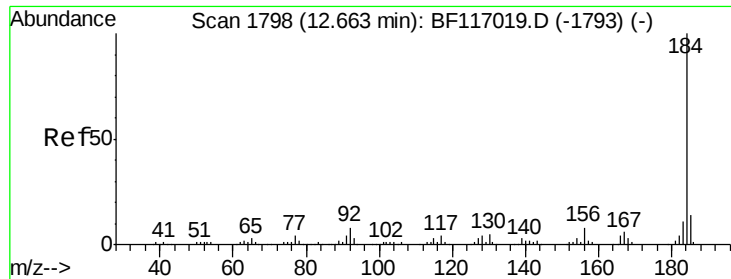
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.7	8.3	12.5
236	25.7	20.3	30.5





#77

Benzidine

Concen: 44.022 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

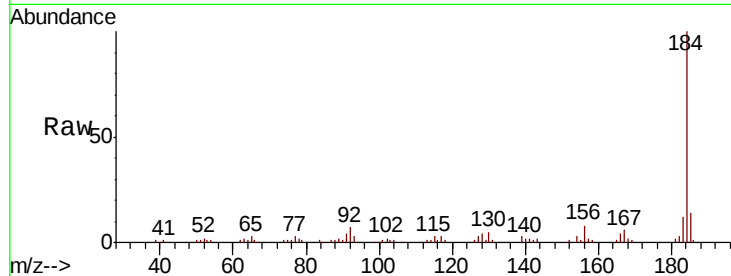
ClientSampleId :

PB123227BS

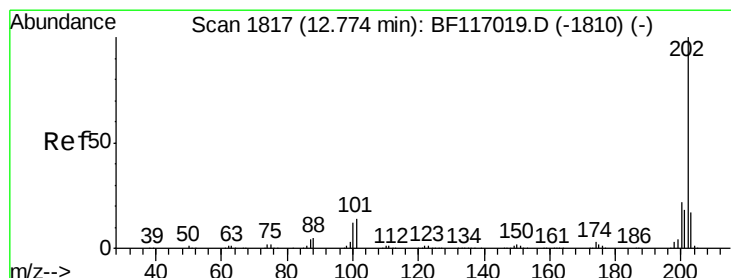
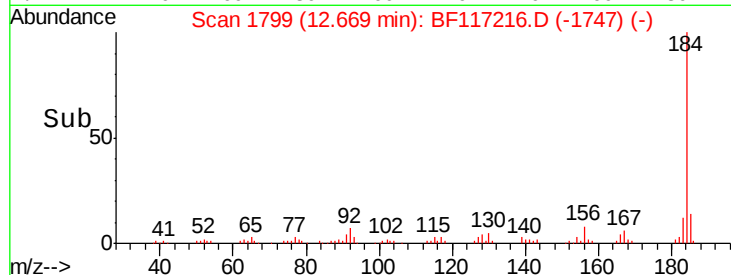
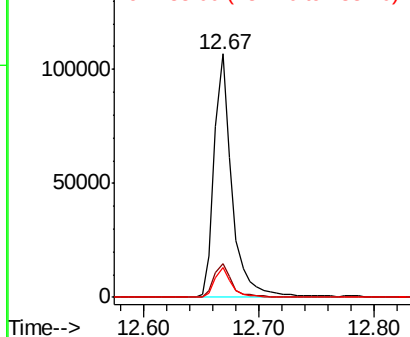
Tot Ion:	184	Resp:	115406
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.6	17.4
183	12.3	9.0	13.4

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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: 44.259 ng

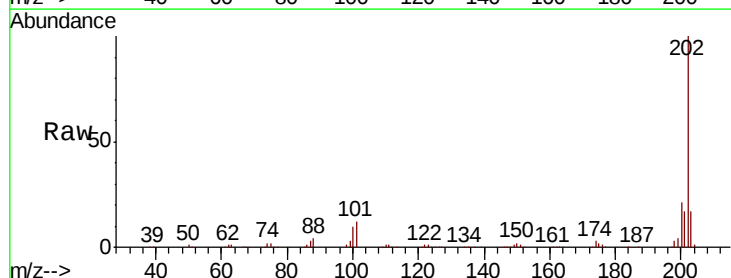
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

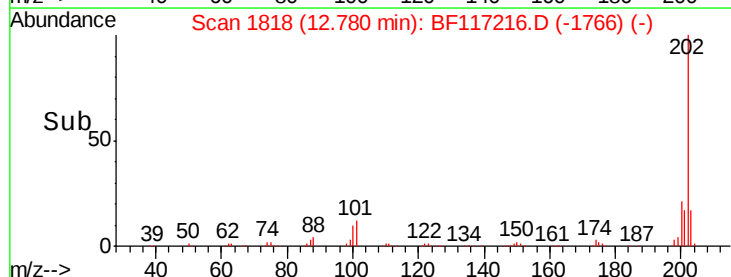
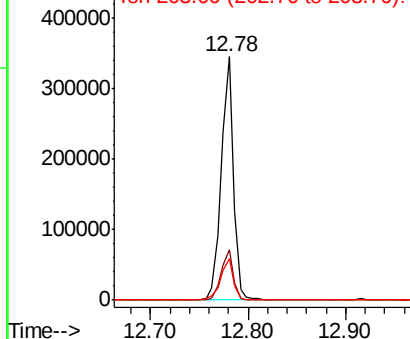
Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion:	202	Resp:	302232
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.2	25.8
203	16.8	14.0	21.0



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





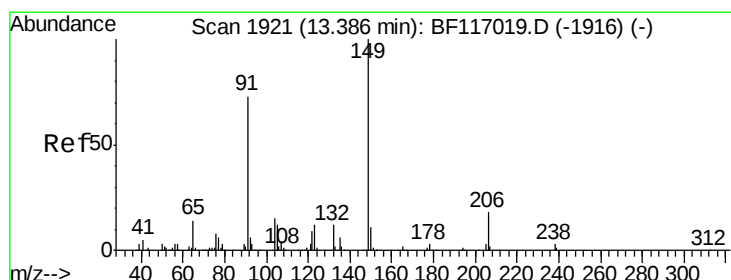
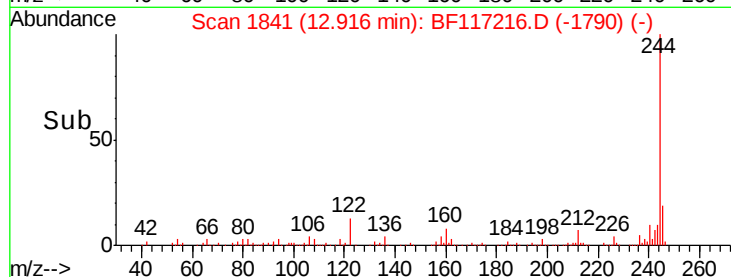
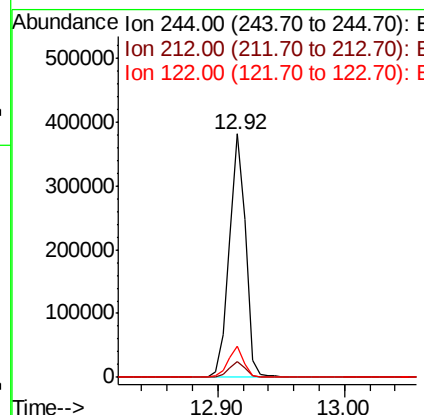
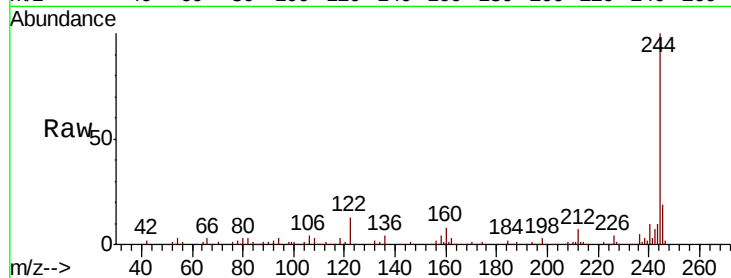
#79
Terphenyl-d14
Concen: 78.164 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.5	5.8	8.8	
122	12.7	11.3	16.9	

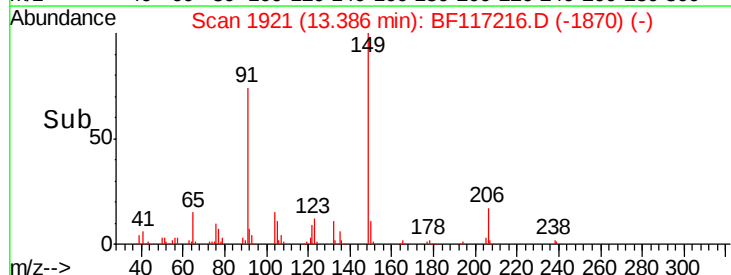
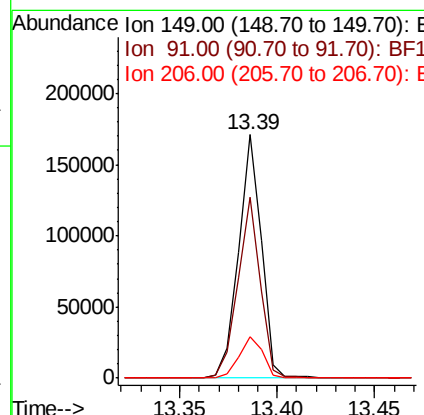
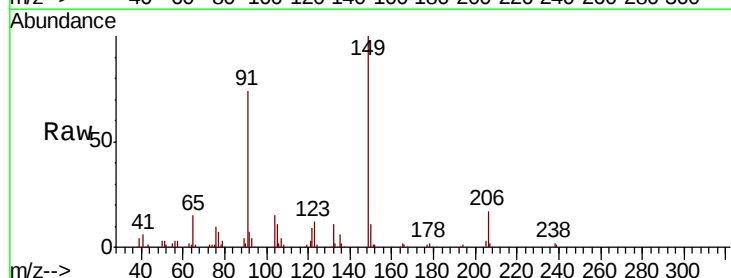
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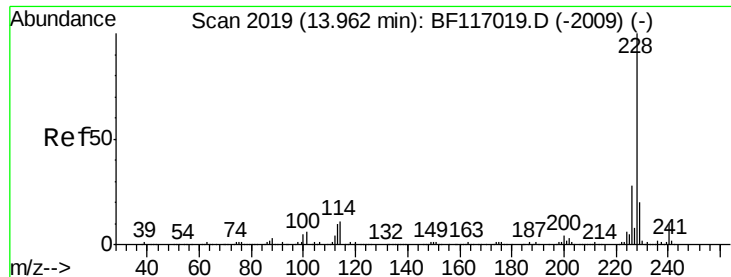
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#80
Butylbenzylphthalate
Concen: 42.932 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.1	58.8	88.2	
206	17.0	14.1	21.1	





#81

Benzo(a)anthracene

Concen: 41.551 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Instrument :

BNA_F

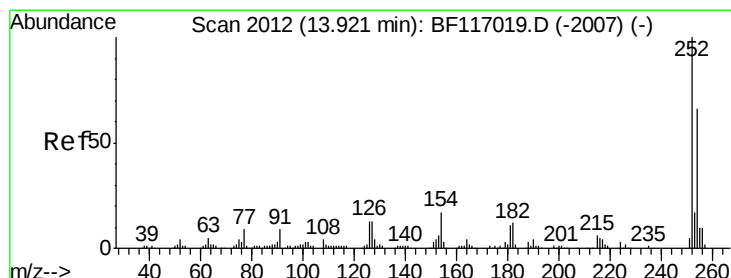
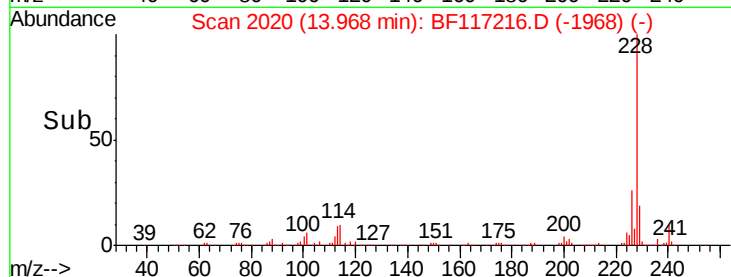
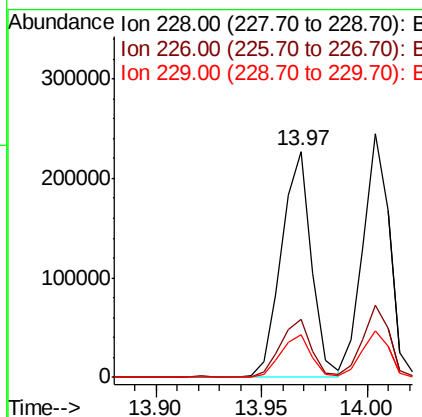
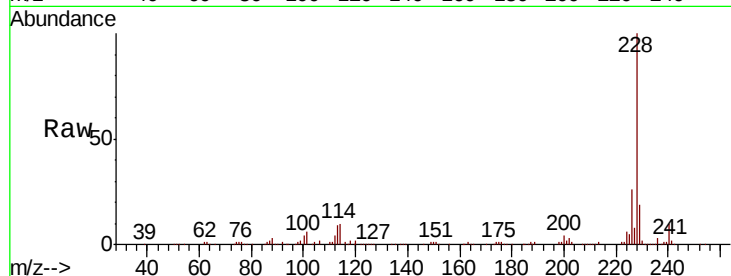
ClientSampleId :

PB123227BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.3	33.5
229	19.1	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 29.506 ng

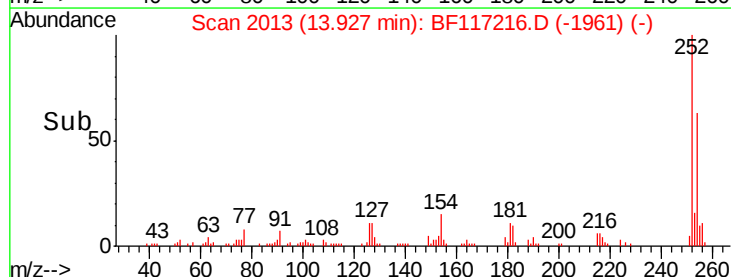
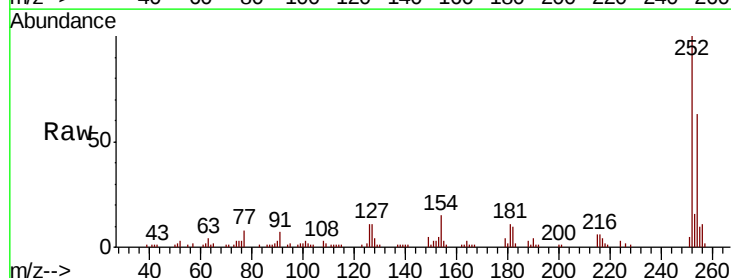
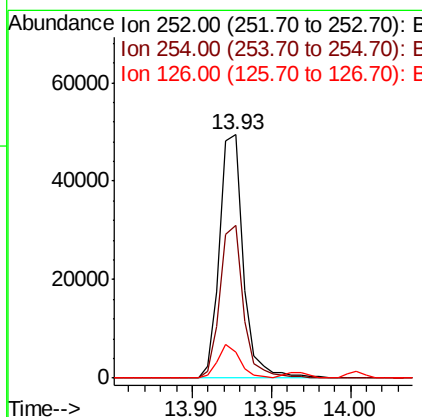
RT: 13.93 min Scan# 2013

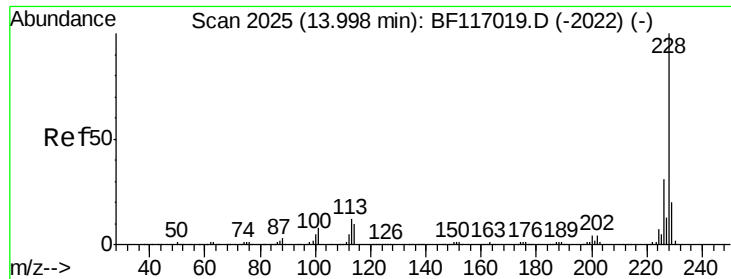
Delta R.T. 0.01 min

Lab File: BF117216.D

Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.6	79.0
126	10.6	10.4	15.6





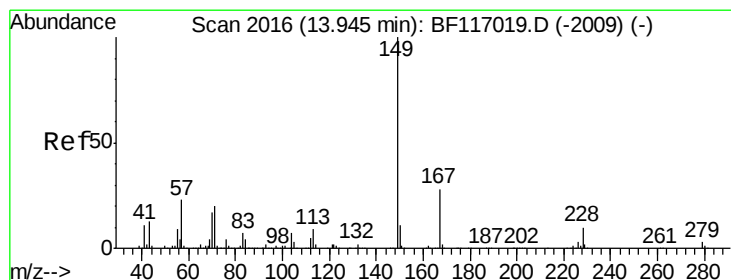
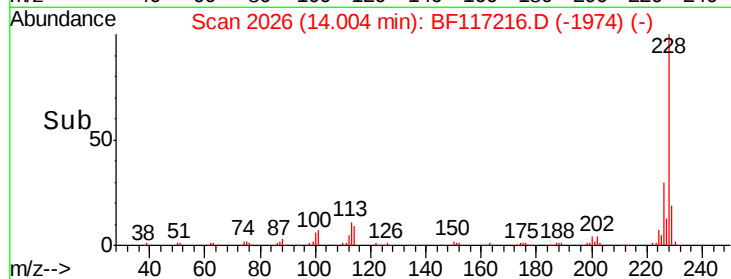
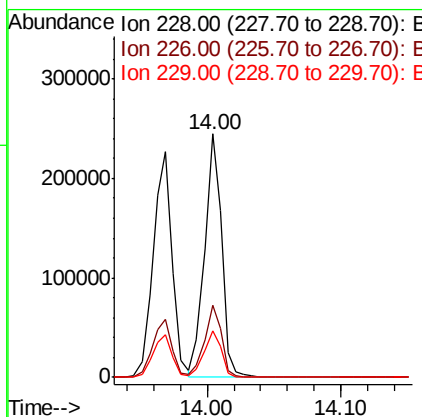
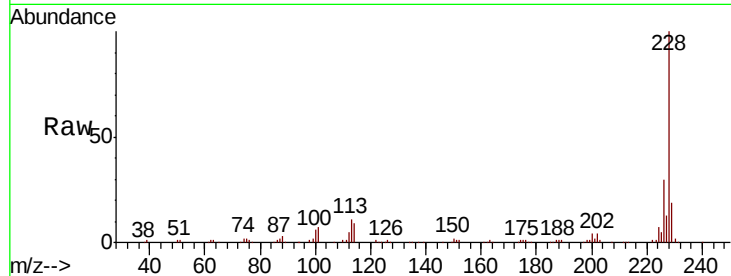
#83
 Chrysene
 Concen: 41.190 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	19.3	15.8	23.8

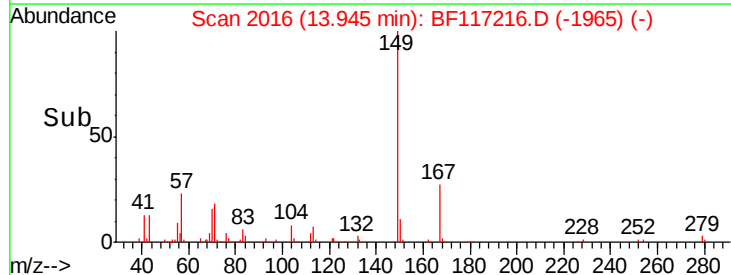
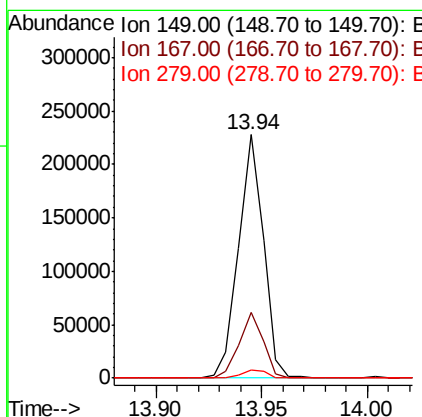
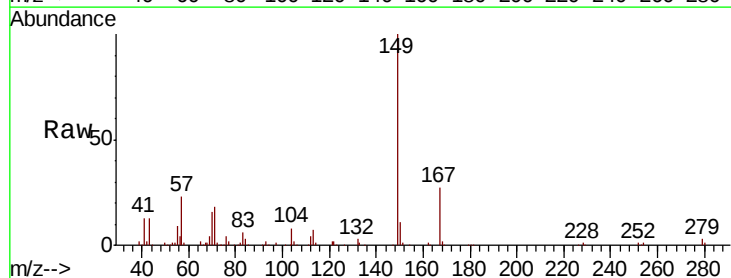
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.690 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117216.D
 Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.2	2.8	4.2





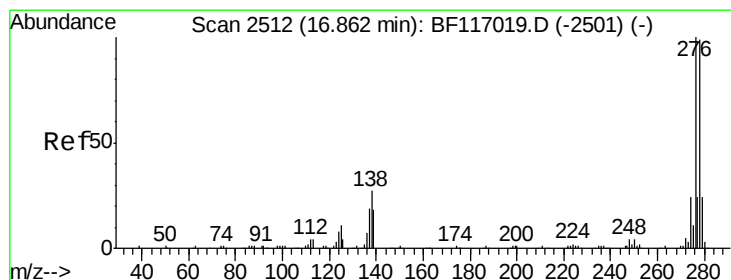
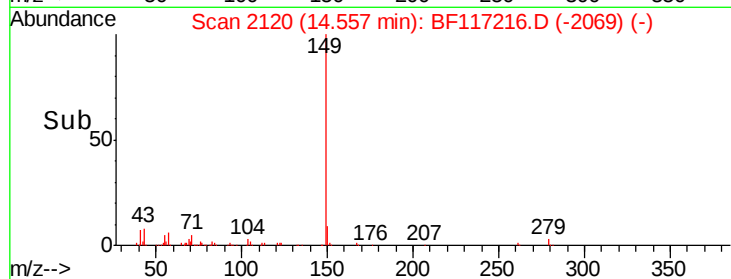
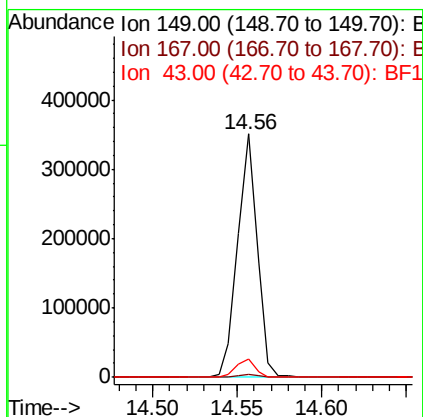
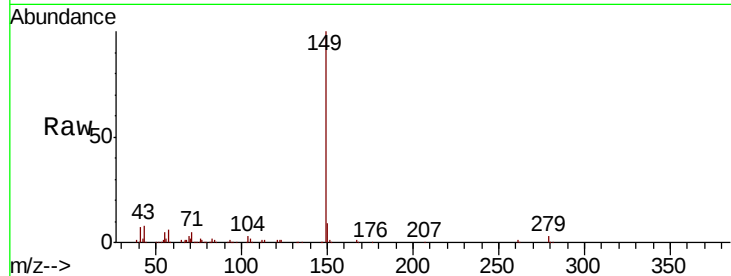
#85
Di-n-octyl phthalate
Concen: 43.353 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	283878		
167	1.5		1.2	1.8
43	7.7		6.2	9.4

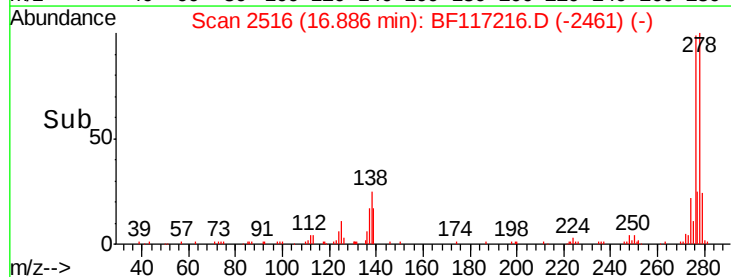
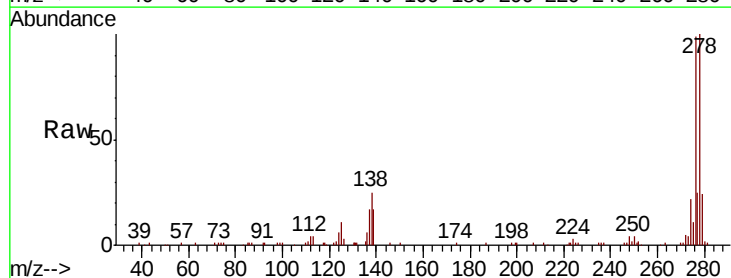
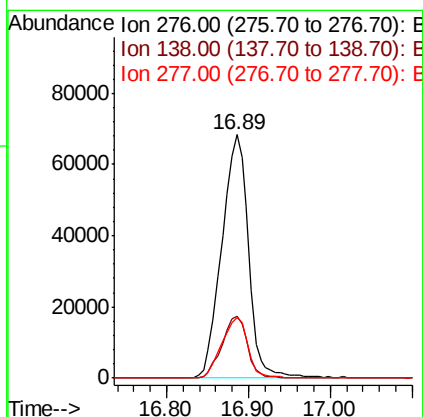
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.274 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	155819		
138	24.0		20.7	31.1
277	24.2		19.8	29.8





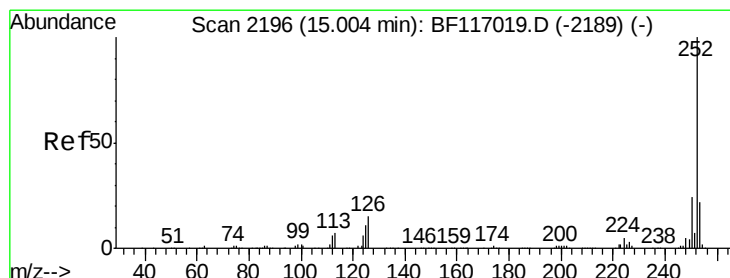
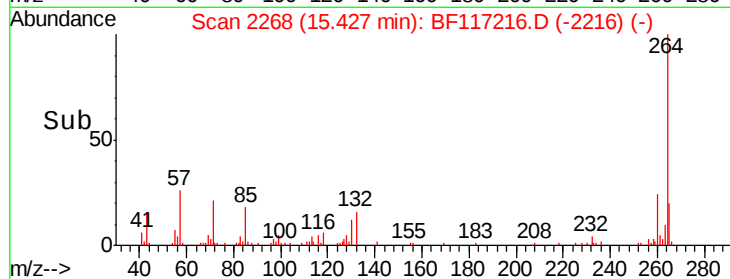
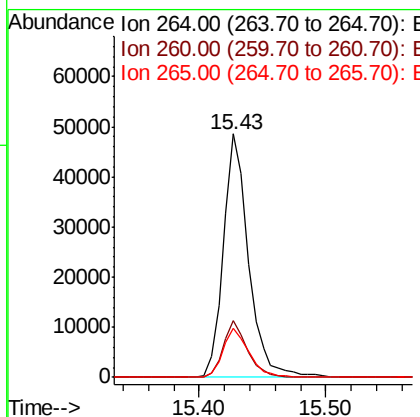
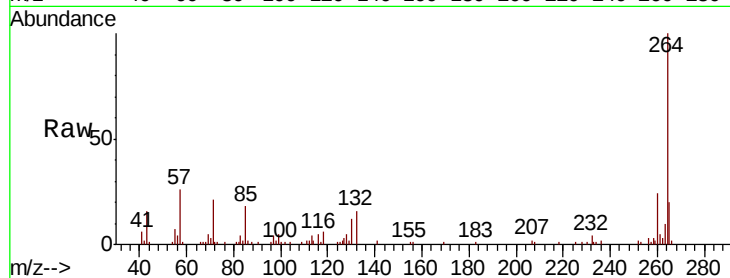
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	20.2	16.6	24.8

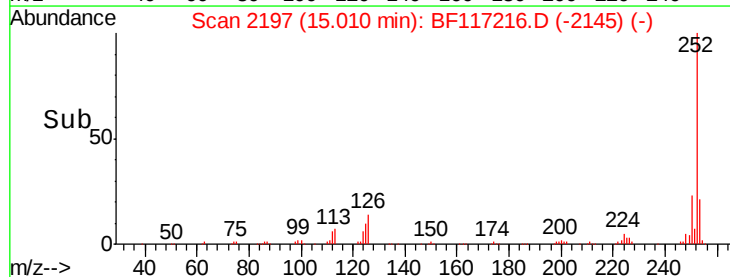
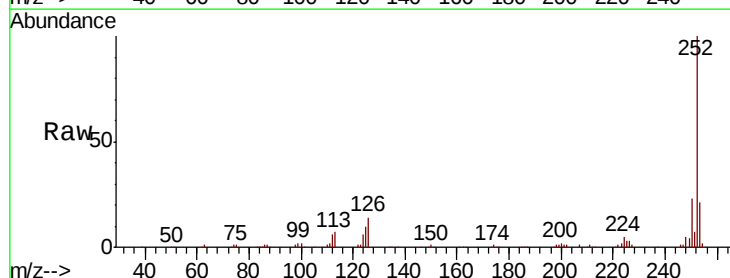
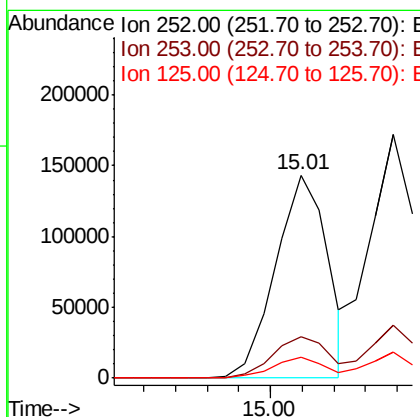
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#88
Benzo(b)fluoranthene
Concen: 40.711 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	10.1	8.6	12.8





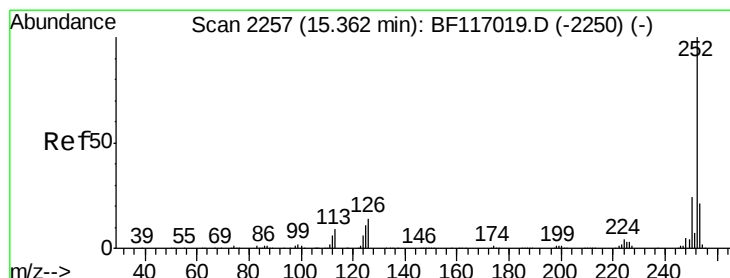
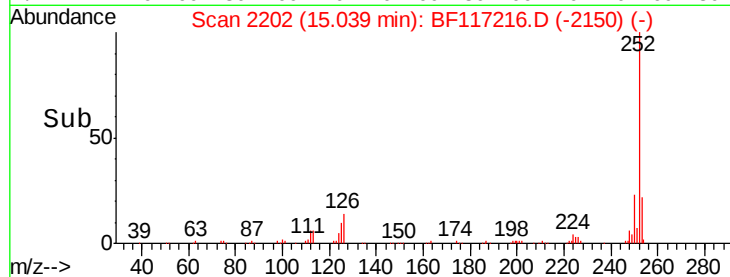
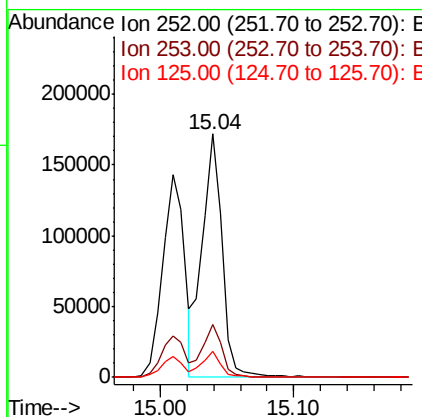
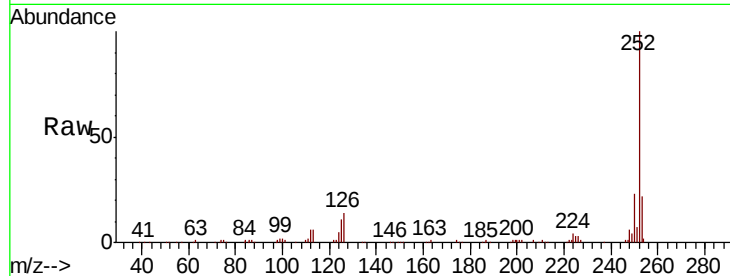
#89
Benzo(k)fluoranthene
Concen: 46.504 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.5	8.8	13.2

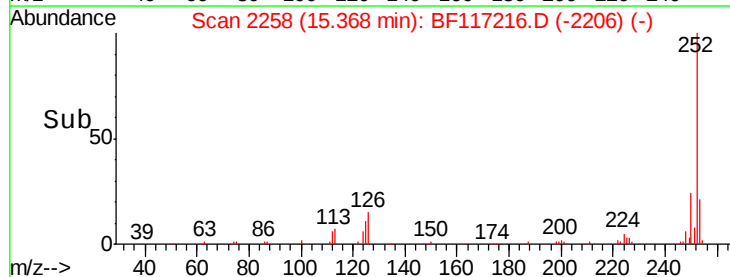
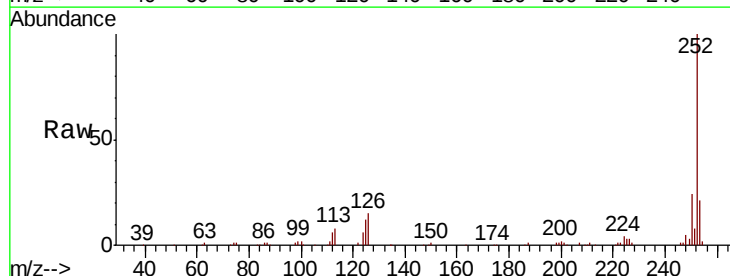
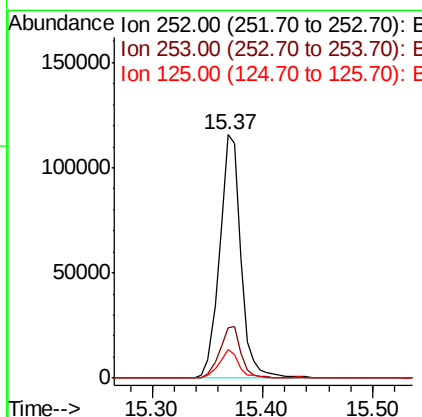
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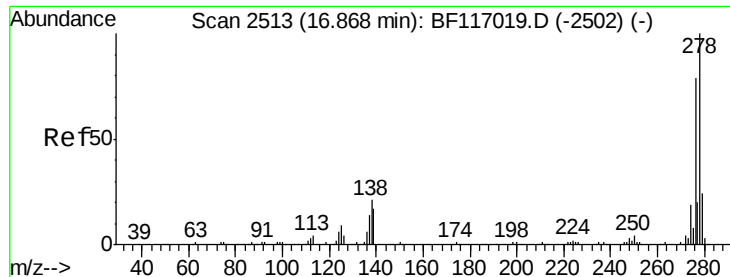
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#90
Benzo(a)pyrene
Concen: 43.899 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.6	25.0
125	11.7	8.9	13.3





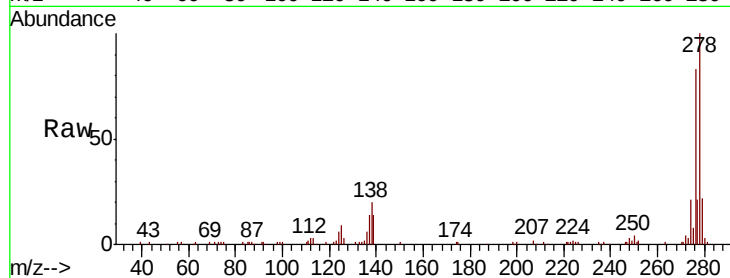
#91
Dibenzo(a,h)anthracene
Concen: 46.944 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Instrument :
BNA_F
ClientSampleId :
PB123227BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.5	20.3
279	22.0	18.8	28.2

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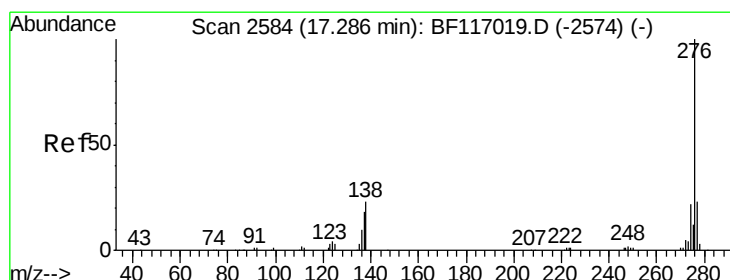
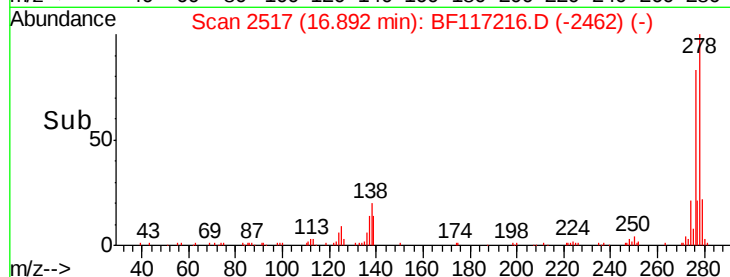
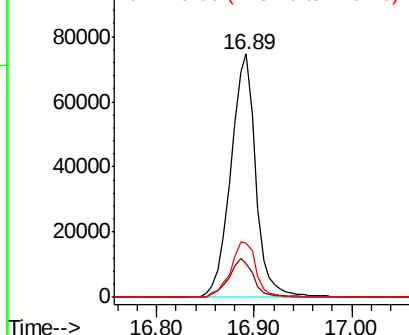


Abundance

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: 44.751 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117216.D
Acq: 24 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	18.7	18.0	27.0

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

