

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117927.D
 Acq On : 22 Nov 2019 19:31
 Operator : JU
 Sample : PB124996BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124996BS

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:31 AM

Quant Time: Nov 25 03:44:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	241182	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	1019278	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	532645	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	1015406	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	637818	20.00	ng	-0.01
87) Perylene-d12	15.60	264	464585	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1676582	123.05	ng	0.00
7) Phenol-d6	6.54	99	2054548	125.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	1136232	66.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	712959	126.43	ng	-0.01
45) 2-Fluorobiphenyl	9.27	172	2223557	74.89	ng	-0.02
79) Terphenyl-d14	13.04	244	2359800	67.62	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.78	88	196999	30.931	ng	98
3) Pyridine	3.54	79	512047	30.649	ng	98
4) n-Nitrosodimethylamine	3.49	42	289150	39.648	ng	100
6) Aniline	6.57	93	737594	33.964	ng	99
8) 2-Chlorophenol	6.70	128	685339	46.355	ng	97
9) Benzaldehyde	6.45	77	297773	24.862	ng	98
10) Phenol	6.55	94	840834	49.236	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	614369	44.799	ng	95
12) 1,3-Dichlorobenzene	6.85	146	738631	42.435	ng	96
13) 1,4-Dichlorobenzene	6.92	146	759895	43.191	ng	98
14) 1,2-Dichlorobenzene	7.08	146	717024	42.612	ng	98
15) Benzyl Alcohol	7.05	79	636077	50.132	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	865664	40.999	ng	97
17) 2-Methylphenol	7.16	107	619303	49.464	ng	99
18) Hexachloroethane	7.42	117	275220	42.582	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	467294	46.090	ng	98
20) 3+4-Methylphenols	7.31	107	708392	45.579	ng	# 85
22) Acetophenone	7.32	105	937129	40.922	ng	# 97
24) Nitrobenzene	7.49	77	743791	42.049	ng	100
25) Isophorone	7.73	82	1385833	44.097	ng	98
26) 2-Nitrophenol	7.81	139	418730	48.635	ng	97
27) 2,4-Dimethylphenol	7.85	122	686121	51.286	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	833218	41.781	ng	99
29) 2,4-Dichlorophenol	8.05	162	649517	44.758	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	678680	40.320	ng	99
31) Naphthalene	8.22	128	2046308	43.064	ng	100
32) Benzoic acid	7.98	122	558698	49.876	ng	98
33) 4-Chloroaniline	8.26	127	573149	26.943	ng	99
34) Hexachlorobutadiene	8.33	225	382270	38.843	ng	99
35) Caprolactam	8.65	113	213521m	46.297	ng	
36) 4-Chloro-3-methylphenol	8.75	107	669310	45.447	ng	95
37) 2-Methylnaphthalene	8.91	142	1404733	43.753	ng	99
38) 1-Methylnaphthalene	9.01	142	1347123	44.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	609186	39.382	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	665158	76.732	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	483274	43.619	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	495511	43.075	ng	98
46) 1,1'-Biphenyl	9.38	154	1704882	43.143	ng	99
47) 2-Chloronaphthalene	9.40	162	1342226	41.288	ng	99
48) 2-Nitroaniline	9.50	65	410934	41.870	ng	93
49) Acenaphthylene	9.82	152	2095498	44.212	ng	100
50) Dimethylphthalate	9.68	163	1569862	42.030	ng	100
51) 2,6-Dinitrotoluene	9.74	165	358920	43.968	ng	99
52) Acenaphthene	9.99	154	1264950	41.662	ng	98
53) 3-Nitroaniline	9.91	138	283837	29.058	ng	95
54) 2,4-Dinitrophenol	10.02	184	405563	95.184	ng	96
55) Dibenzofuran	10.17	168	1804545	42.920	ng	99
56) 4-Nitrophenol	10.07	139	639428	87.699	ng	98
57) 2,4-Dinitrotoluene	10.15	165	486048	46.807	ng	93
58) Fluorene	10.51	166	1402616	43.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	412540	43.646	ng	99
60) Diethylphthalate	10.38	149	1571066	43.143	ng	100
61) 4-Chlorophenyl-phenylether	10.50	204	701606	42.433	ng	95
62) 4-Nitroaniline	10.53	138	365075	37.328	ng	98
63) Azobenzene	10.66	77	1393858	42.073	ng	96
65) 4,6-Dinitro-2-methylphenol	10.56	198	277577	58.557	ng	84
66) n-Nitrosodiphenylamine	10.62	169	1272969	43.077	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	455087	41.537	ng	94
68) Hexachlorobenzene	11.06	284	521069	40.787	ng	95
69) Atrazine	11.15	200	432746	44.517	ng	98
70) Pentachlorophenol	11.26	266	606493	81.258	ng	99
71) Phenanthrene	11.48	178	2100773	41.150	ng	99
72) Anthracene	11.53	178	2143912	42.356	ng	100
73) Carbazole	11.68	167	1952437	44.142	ng	99
74) Di-n-butylphthalate	12.01	149	2294118	41.657	ng	99
75) Fluoranthene	12.67	202	2093596	45.041	ng	98
77) Benzidine	12.79	184	446419	21.368	ng	98
78) Pyrene	12.90	202	2144481	41.604	ng	99
80) Butylbenzylphthalate	13.52	149	936367	42.295	ng	98
81) Benzo(a)anthracene	14.09	228	1763061	41.830	ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	538234	36.508	ng	98
83) Chrysene	14.13	228	1661603	40.684	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	1203356	44.834	ng	100
85) Di-n-octyl phthalate	14.69	149	1861334	47.205	ng	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1373828	39.523	ng	99
88) Benzo(b)fluoranthene	15.16	252	1563045	51.783	ng	100
89) Benzo(k)fluoranthene	15.19	252	1391985	48.944	ng	99
90) Benzo(a)pyrene	15.54	252	1317028	49.620	ng	100
91) Dibenzo(a,h)anthracene	17.16	278	1092936	47.840	ng	97
92) Benzo(g,h,i)perylene	17.60	276	1205009	52.957	ng	98

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

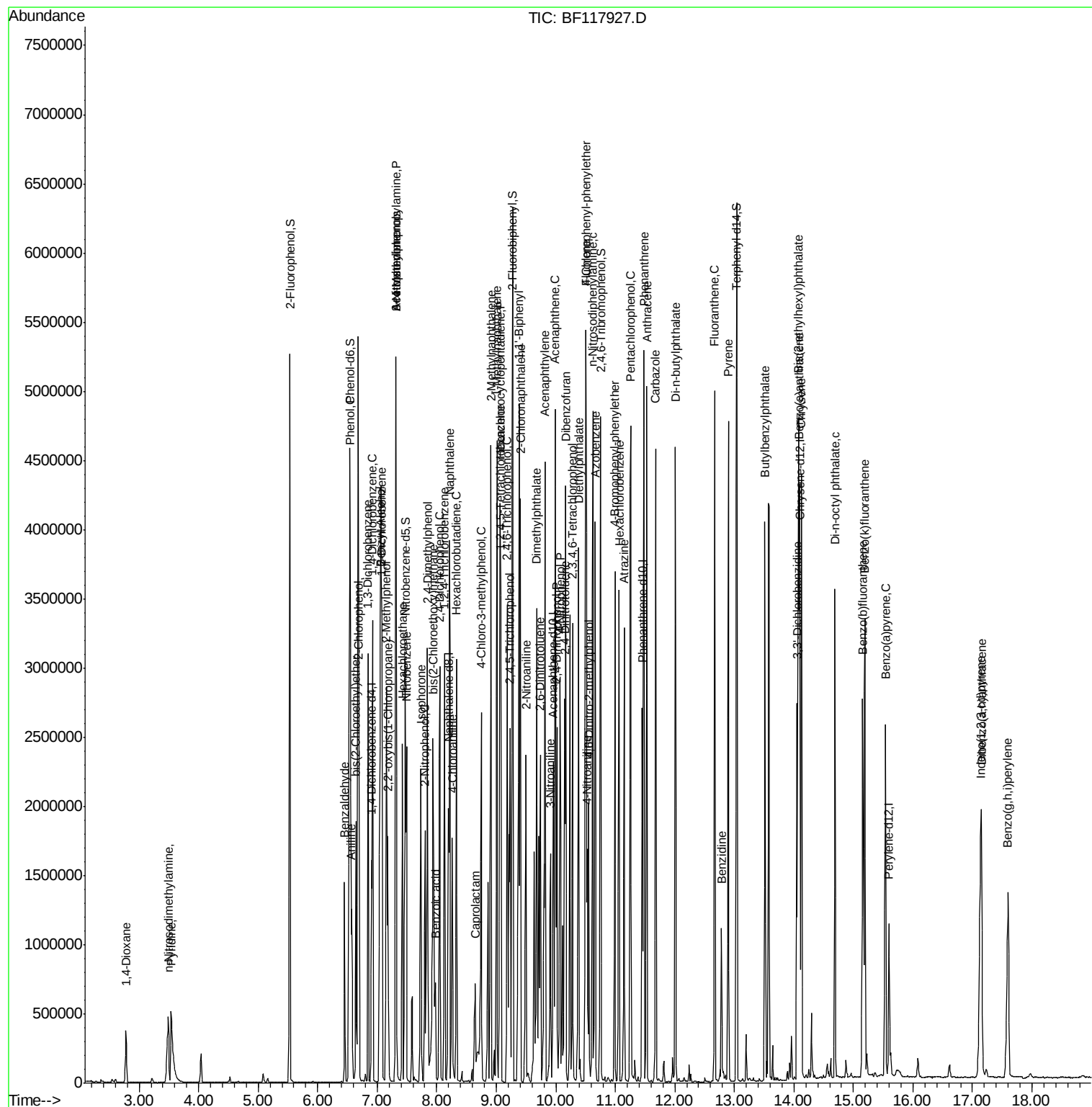
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
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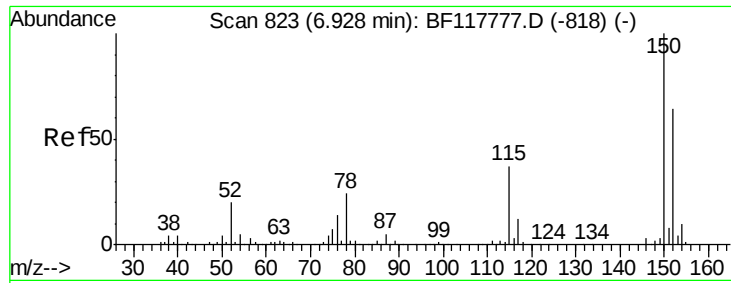
Instrument :
 BNA_F
 ClientSampled :
 PB124996BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion:152 Resp: 241182

Ion Ratio Lower Upper

152 100

150 156.8 125.3 187.9

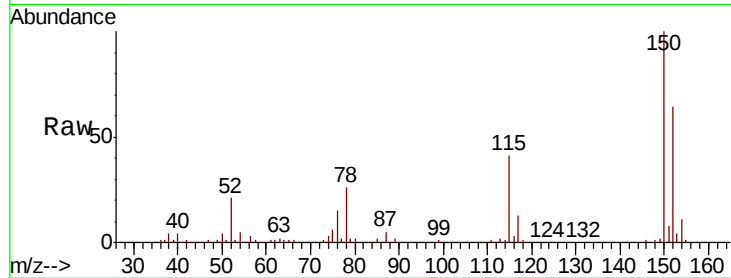
115 63.8 47.0 70.4

Manual Integrations

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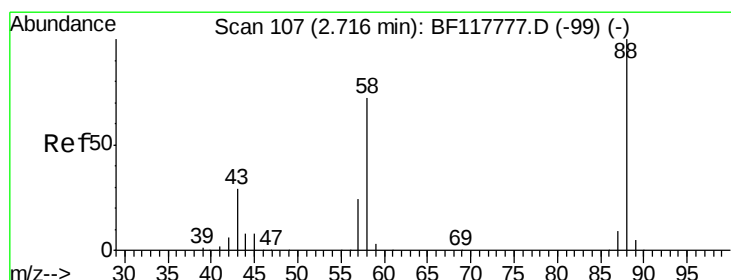
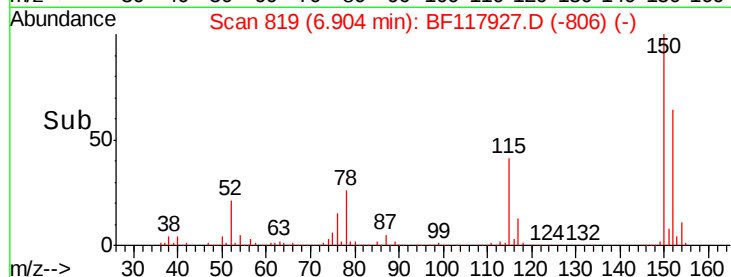
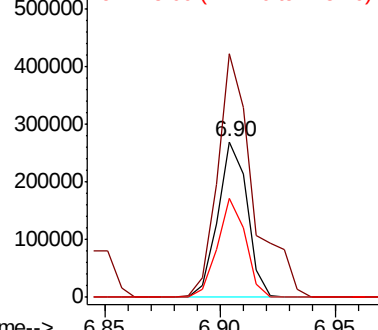


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.931 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.06 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

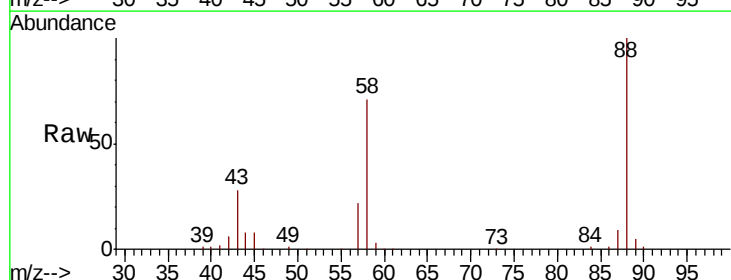
Tgt Ion: 88 Resp: 196999

Ion Ratio Lower Upper

88 100

58 70.5 58.2 87.2

43 28.0 23.3 34.9

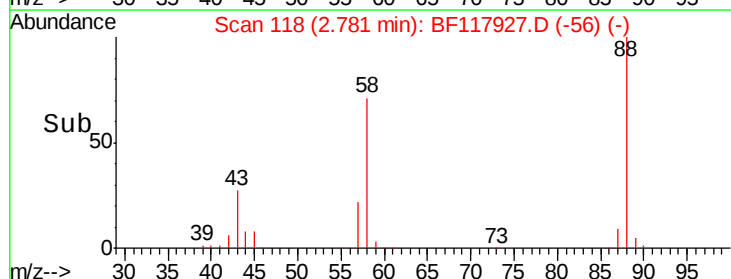
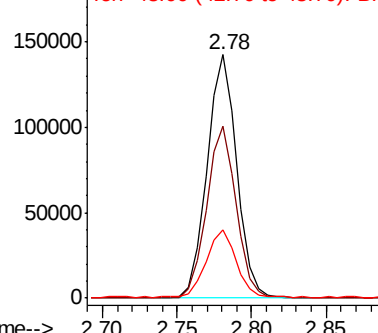


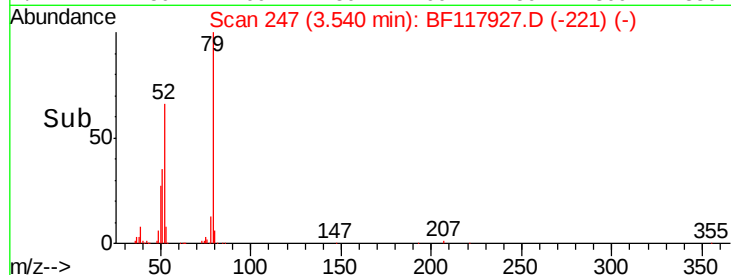
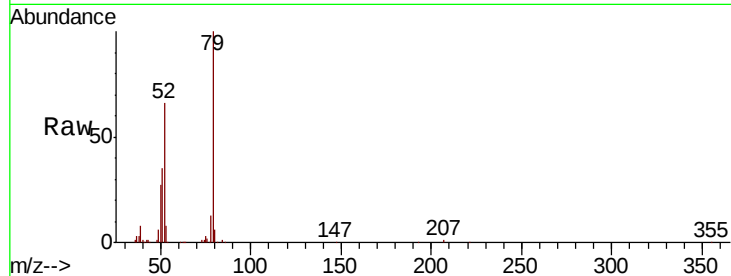
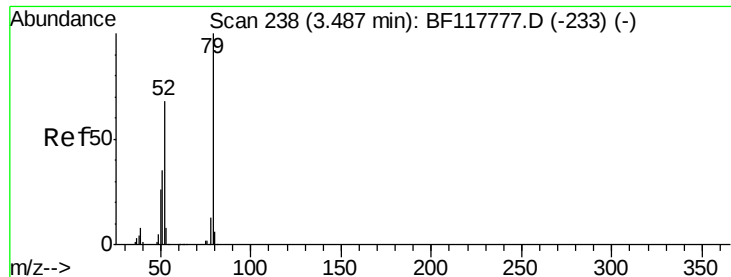
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





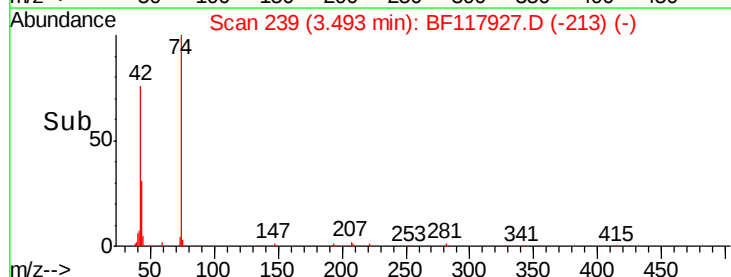
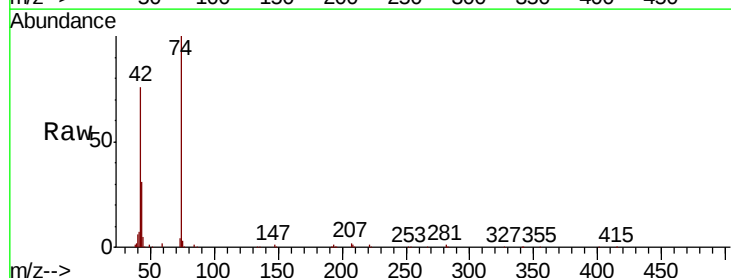
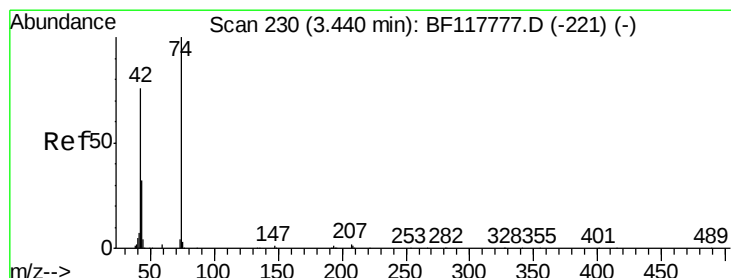
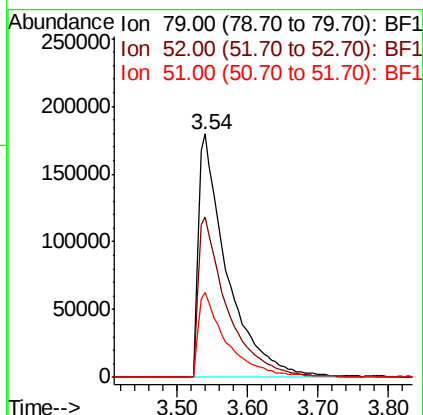
#3
 Pvridine
 Concen: 30.649 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.05 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	54.8	82.2
51	35.1	28.2	42.4

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 PB124996BS

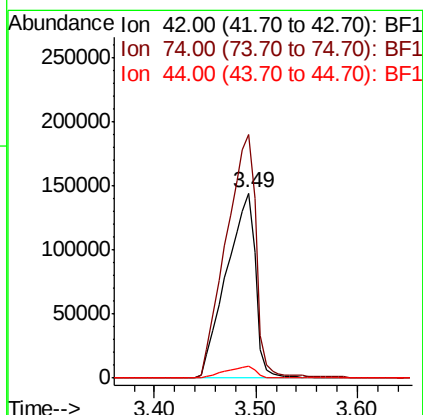
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#4
 n-Nitrosodimethylamine
 Concen: 39.648 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.05 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.6	105.1	157.7
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 123.049 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion: 112 Resp: 1676582

Ion Ratio Lower Upper

112 100

64 55.5 45.6 68.4

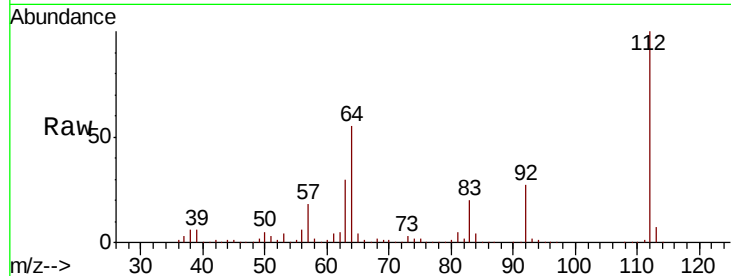
63 30.3 24.1 36.1

Manual Integrations

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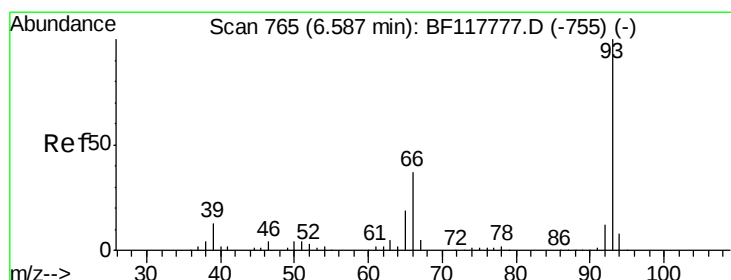
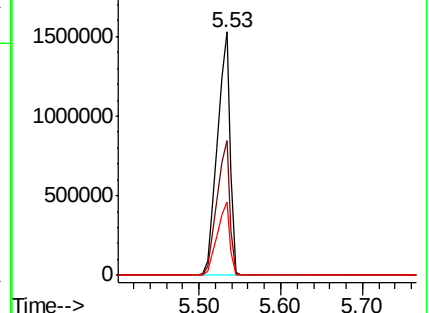
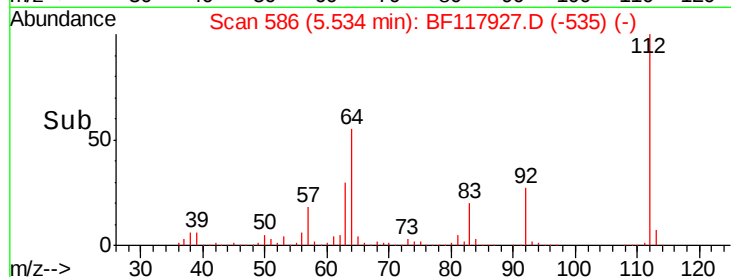
11/25/2019 8:19:31 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.964 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

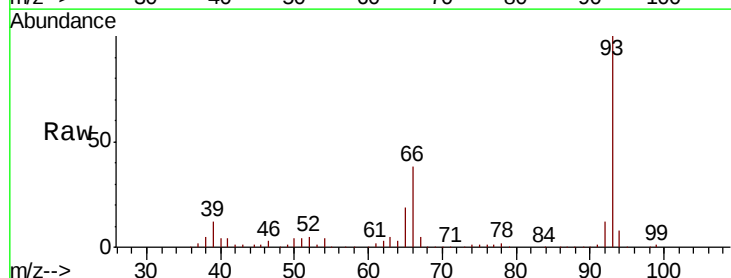
Tgt Ion: 93 Resp: 737594

Ion Ratio Lower Upper

93 100

66 37.8 30.6 45.8

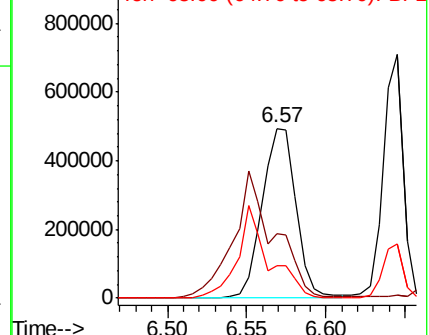
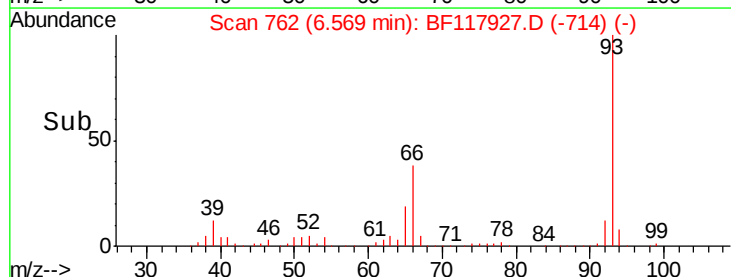
65 19.1 15.6 23.4

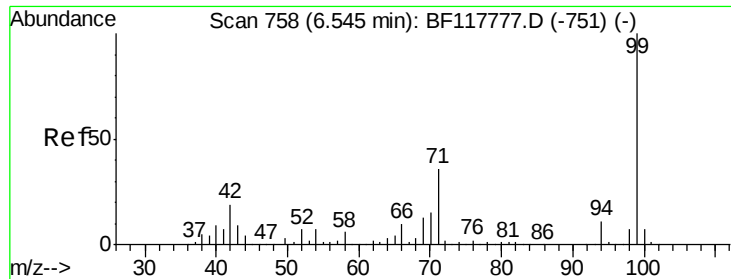


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.016 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

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Tot Ion: 99 Resp: 2054548

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

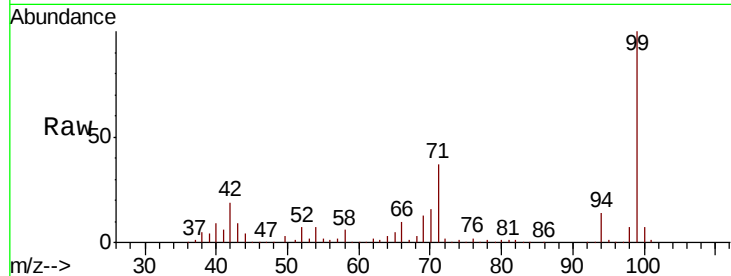
71 36.7 28.6 43.0

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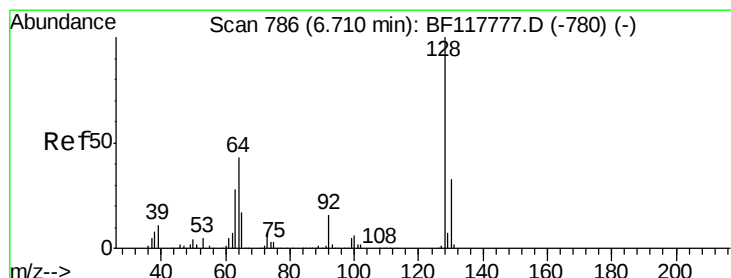
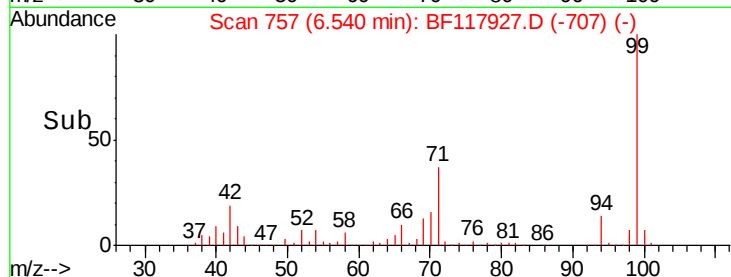
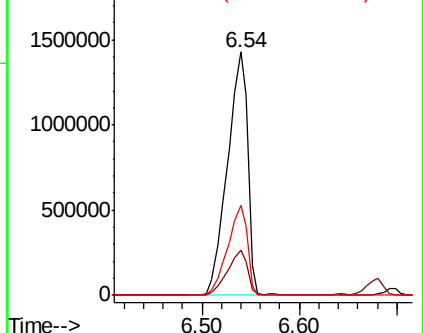
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.355 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

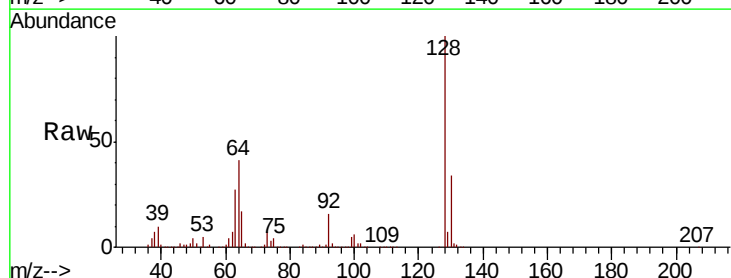
Tgt Ion:128 Resp: 685339

Ion Ratio Lower Upper

128 100

130 33.6 13.2 53.2

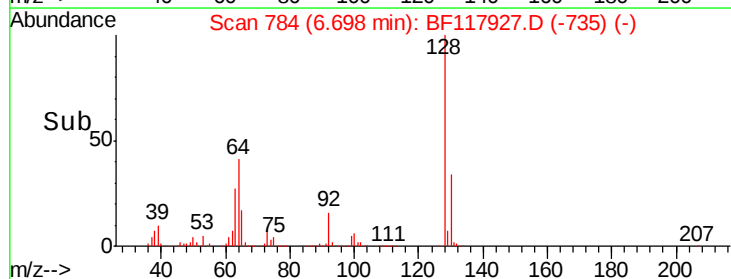
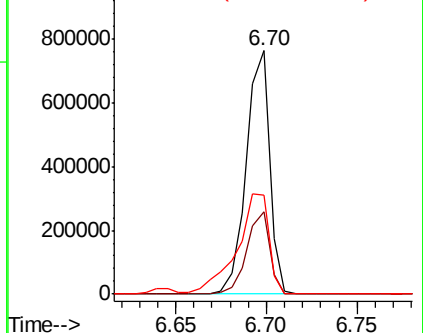
64 40.8 23.7 63.7



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





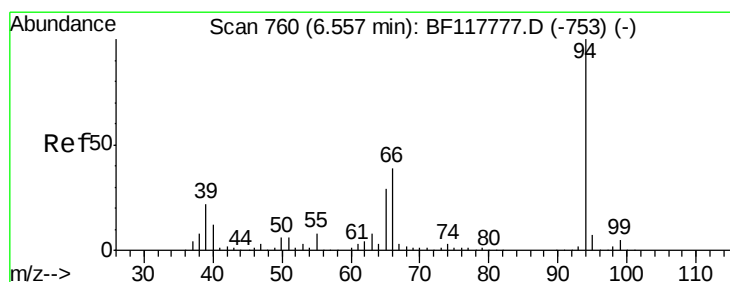
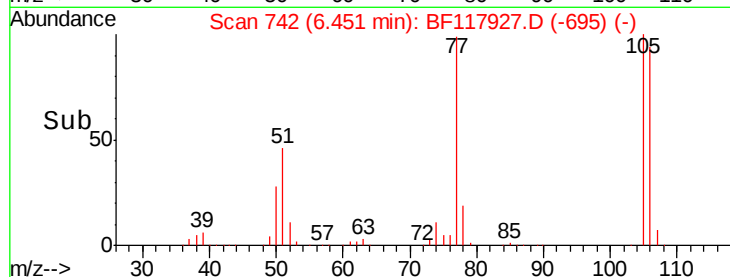
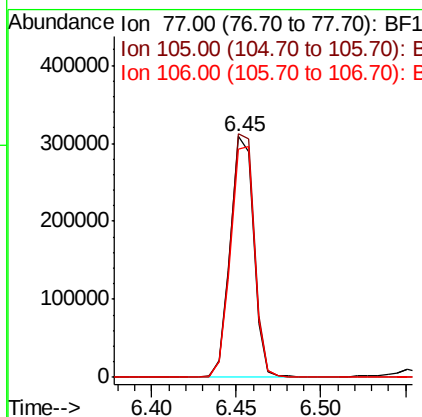
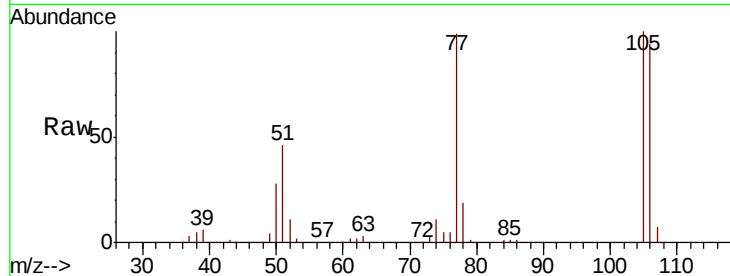
#9
Benzaldehyde
Concen: 24.862 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

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BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.2	80.2	120.2		
106	94.7	78.4	118.4		

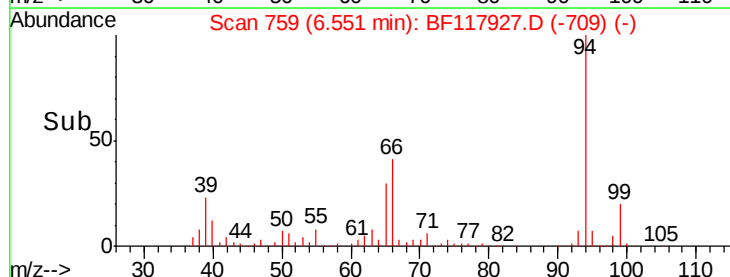
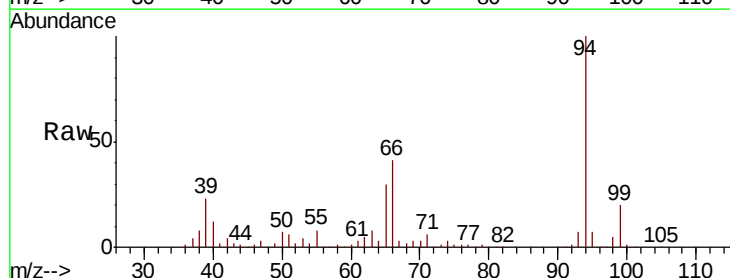
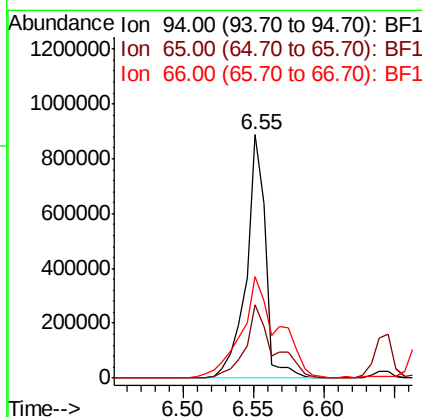
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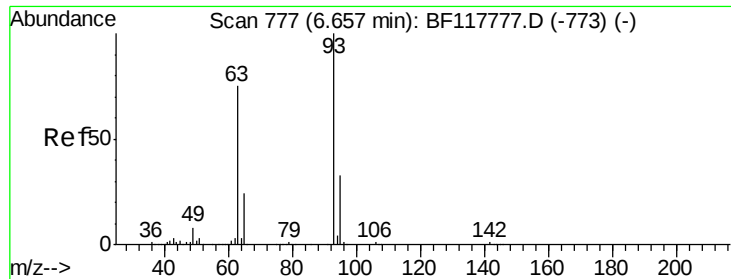
mohammad
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#10
Phenol
Concen: 49.236 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.4	8.9	48.9		
66	41.5	18.7	58.7		





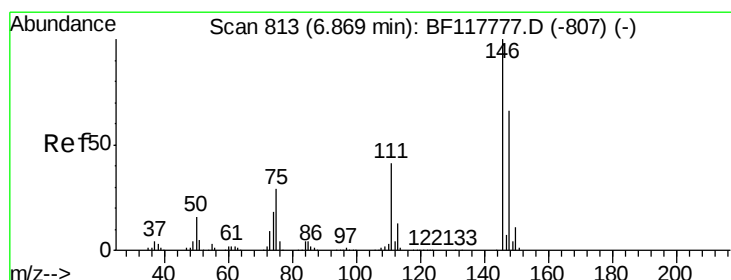
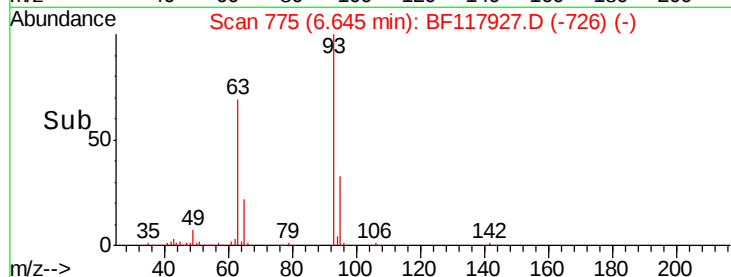
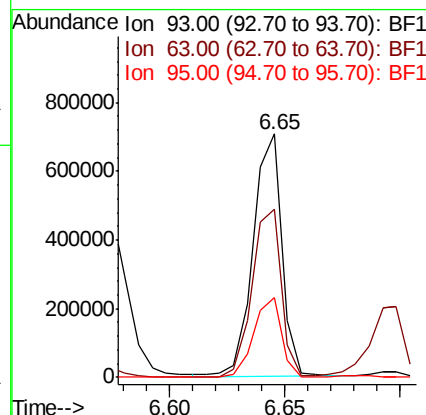
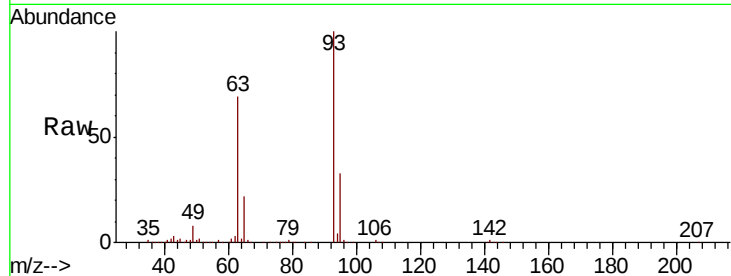
#11
bis(2-Chloroethyl)ether
Concen: 44.799 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion:	93	Resp:	614369
Ion	Ratio	Lower	Upper
93	100		
63	68.9	54.8	94.8
95	32.7	12.7	52.7

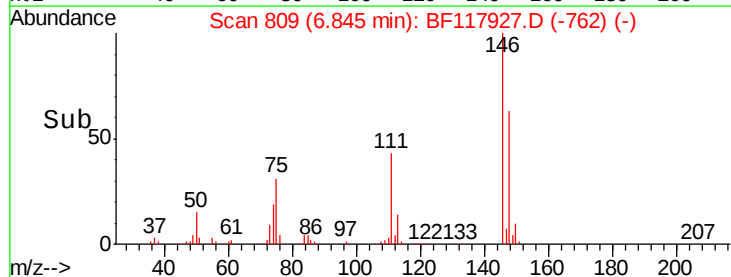
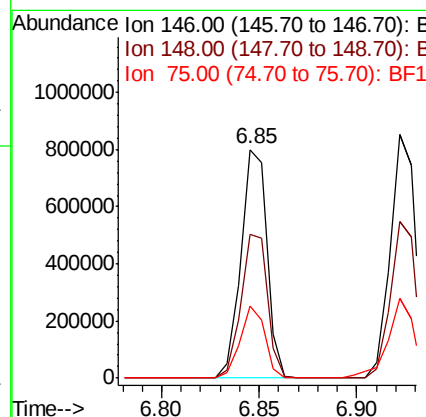
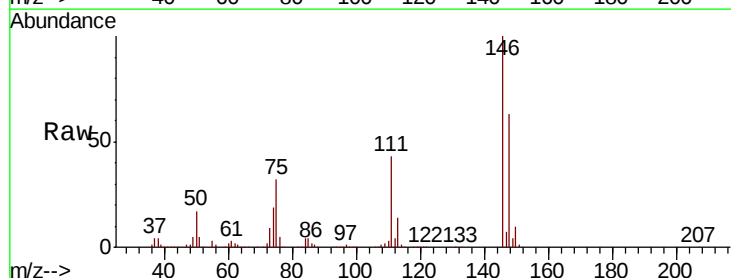
Manual Integrations
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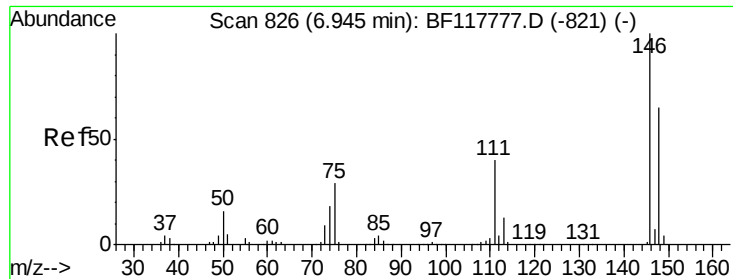
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.435 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion:	146	Resp:	738631
Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.8	79.2
75	31.8	23.4	35.0





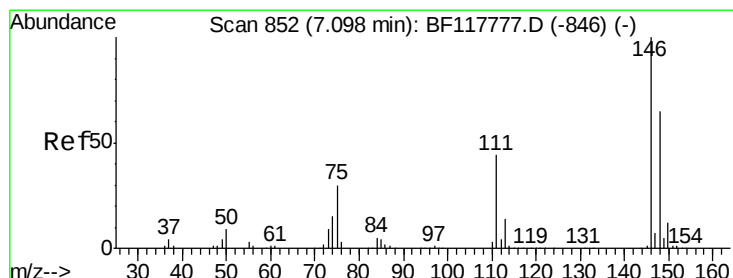
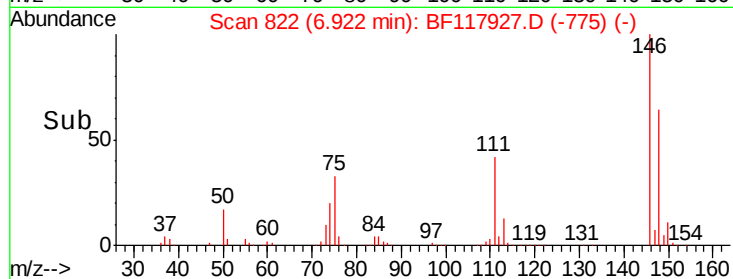
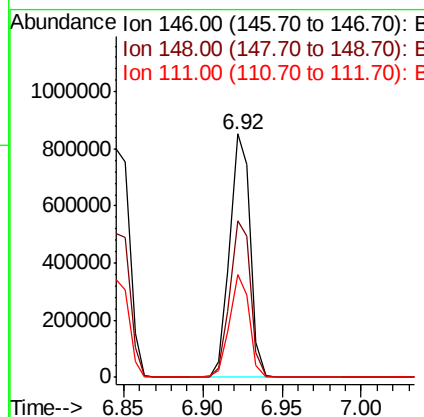
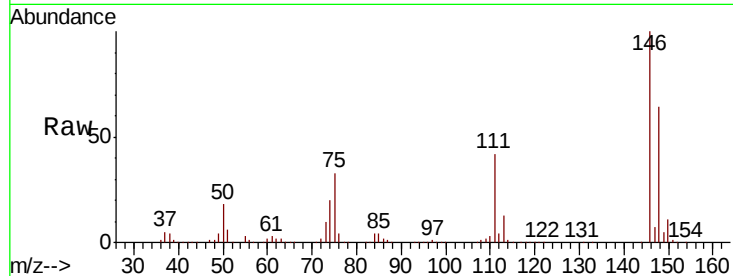
#13
1,4-Dichlorobenzene
Concen: 43.191 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	42.3	32.2	48.4

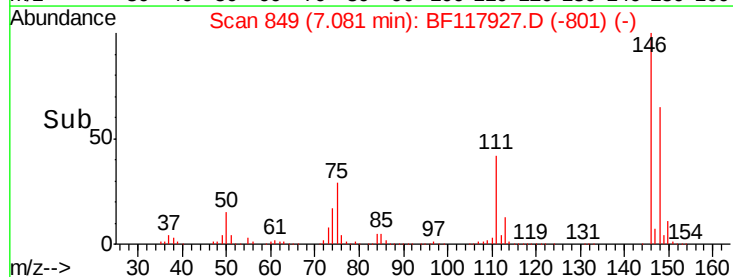
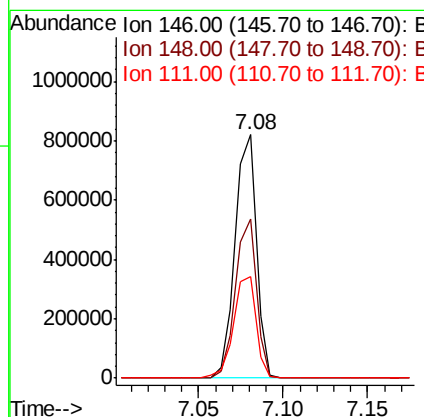
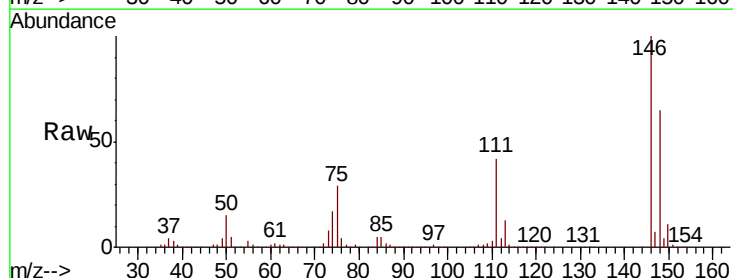
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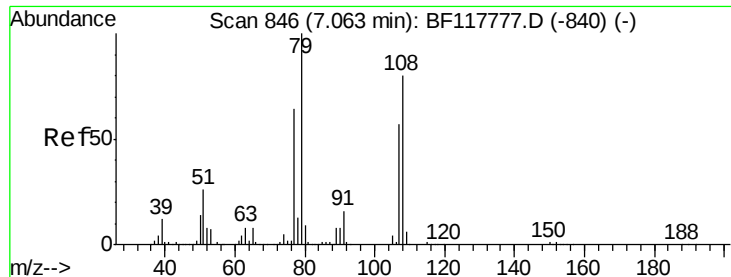
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#14
1,2-Dichlorobenzene
Concen: 42.612 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	41.9	35.0	52.6





#15

Benzyl Alcohol

Concen: 50.132 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

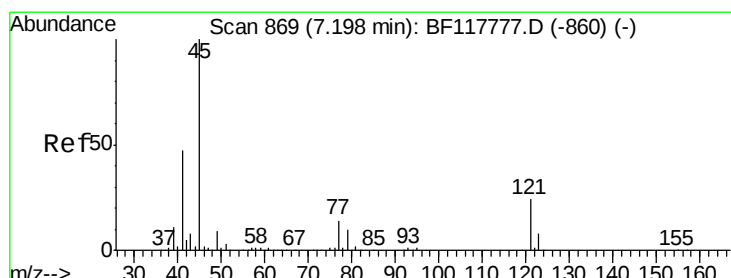
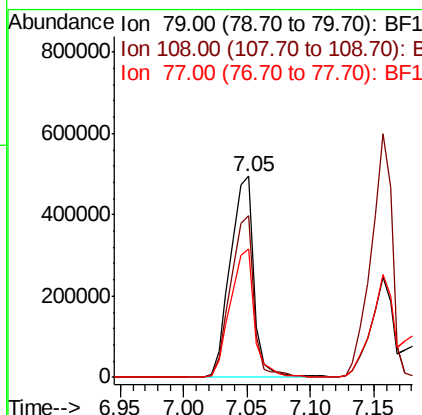
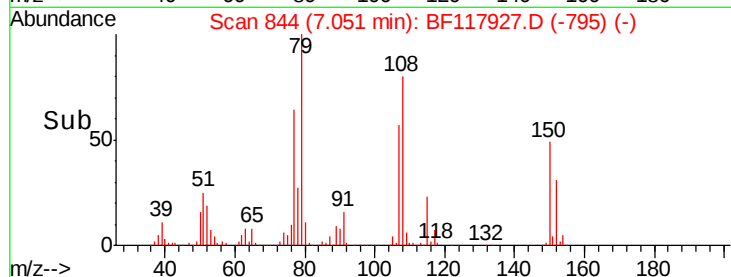
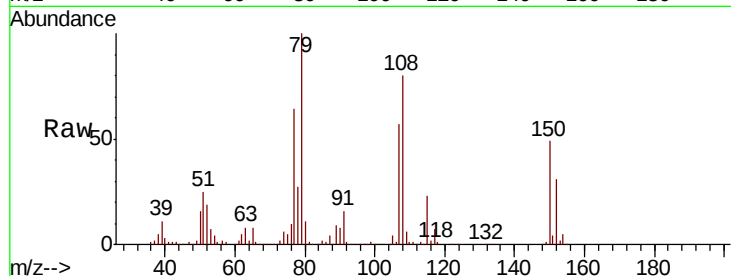
ClientSampleID :

PB124996BS

Tot Ion:	79	Resp:	636077
Ion Ratio	Lower	Upper	
79	100		
108	80.5	64.1	96.1
77	63.9	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.999 ng

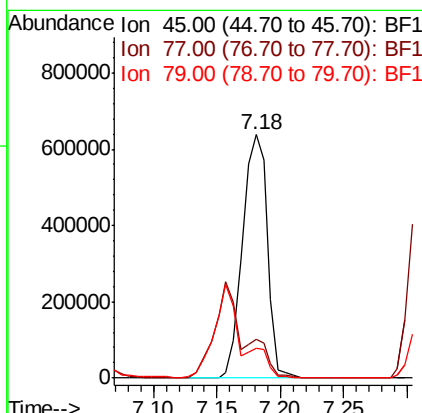
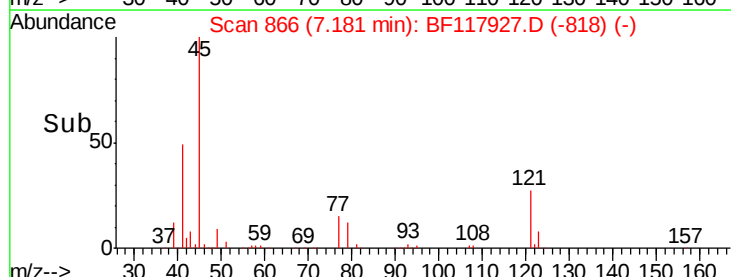
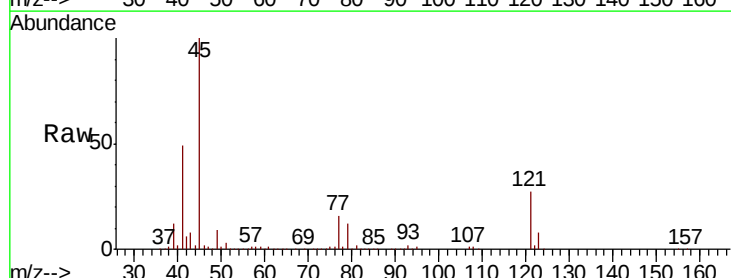
RT: 7.18 min Scan# 866

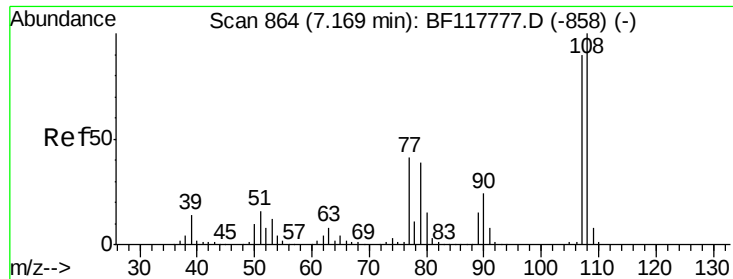
Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:	45	Resp:	865664
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	35.0
79	12.2	0.0	31.1





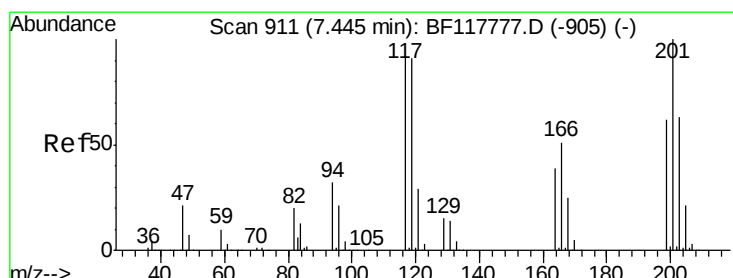
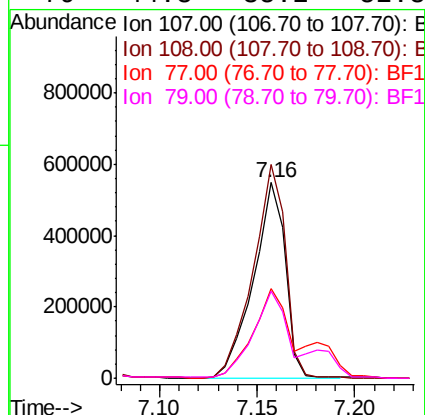
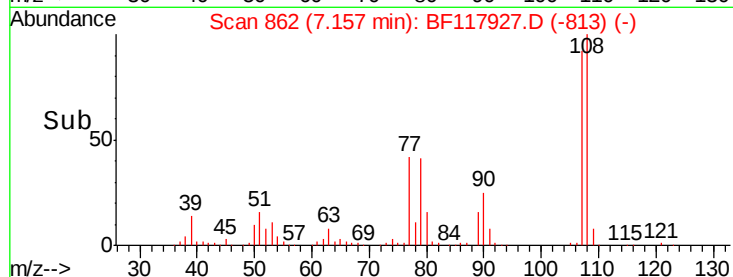
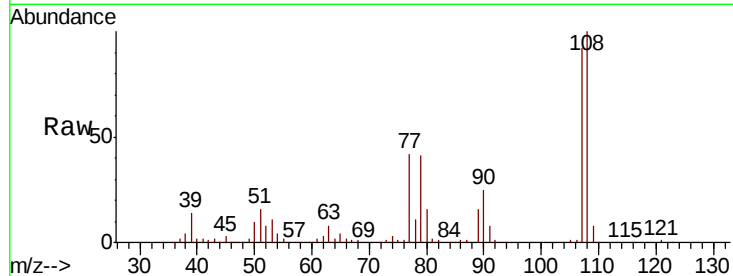
#17
2-Methylphenol
Concen: 49.464 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	619303		
108	109.3	89.1	133.7	
77	45.9	36.6	54.8	
79	44.8	35.2	52.8	

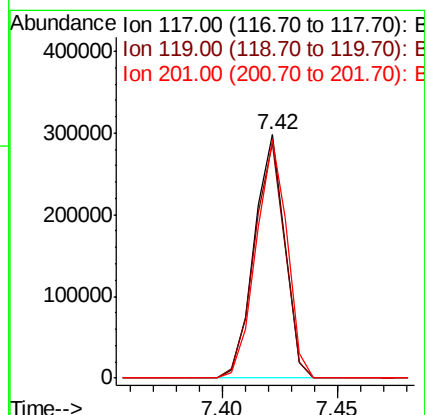
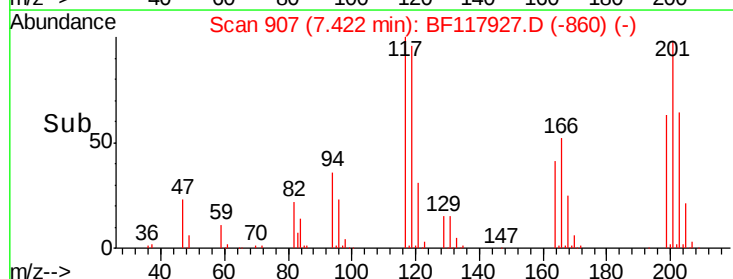
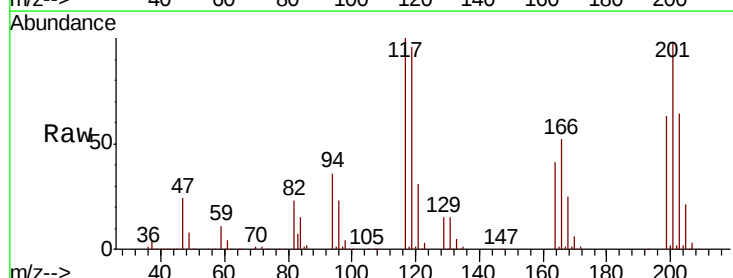
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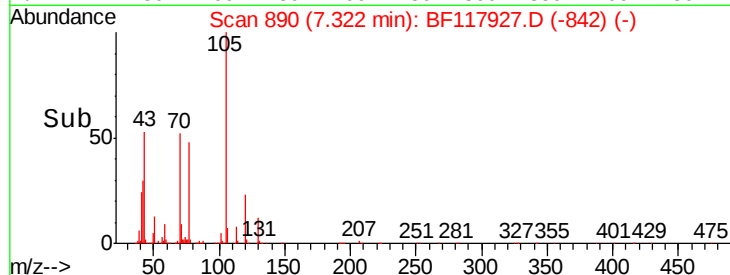
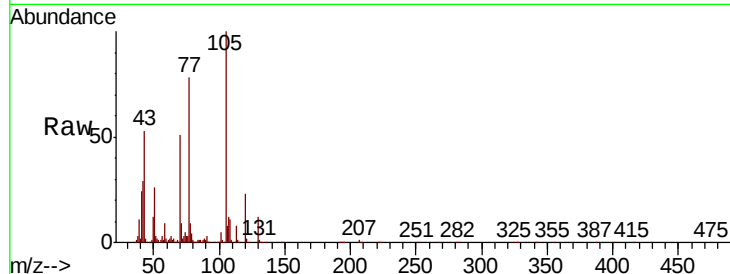
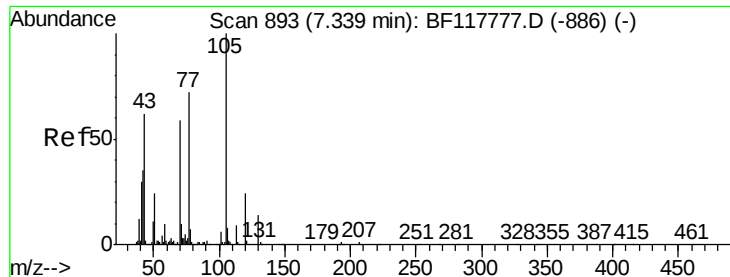
mohammad
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#18
Hexachloroethane
Concen: 42.582 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	275220		
119	96.2	78.7	118.1	
201	98.0	86.5	129.7	





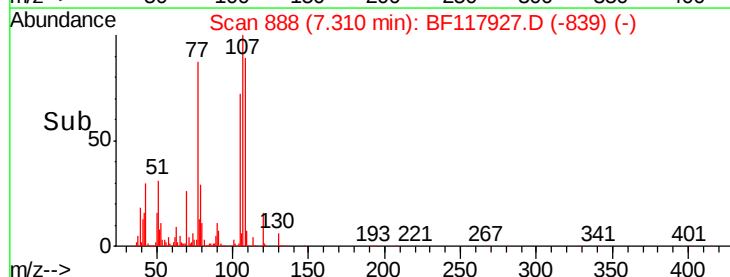
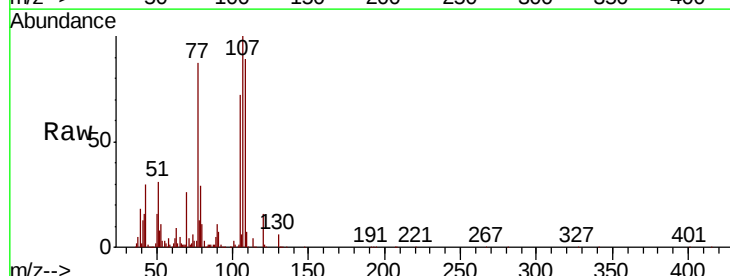
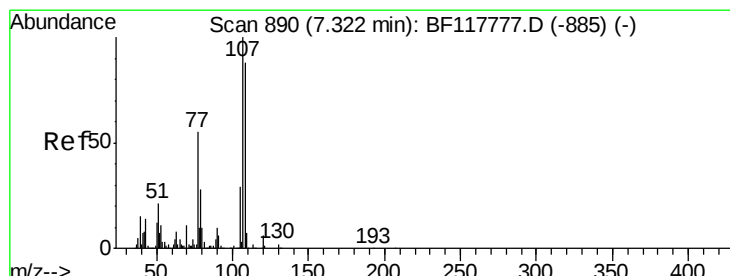
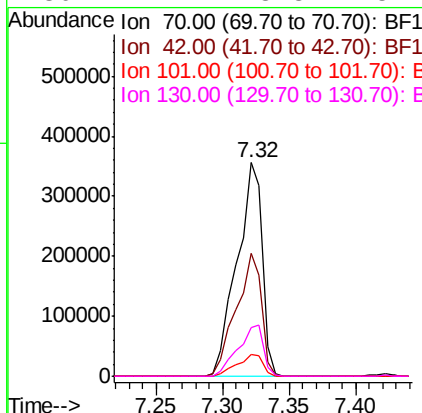
#19
n-Nitroso-di-n-propylamine
Concen: 46.090 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleID :
PB124996BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.4	71.2
101	10.2	8.4	12.6
130	22.7	18.8	28.2

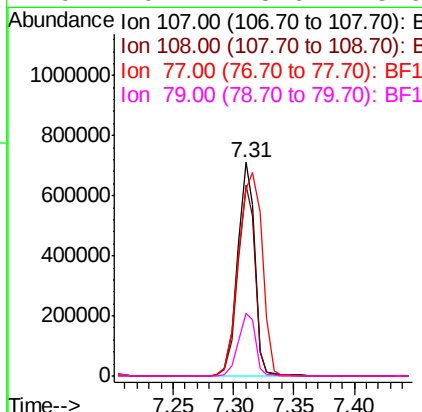
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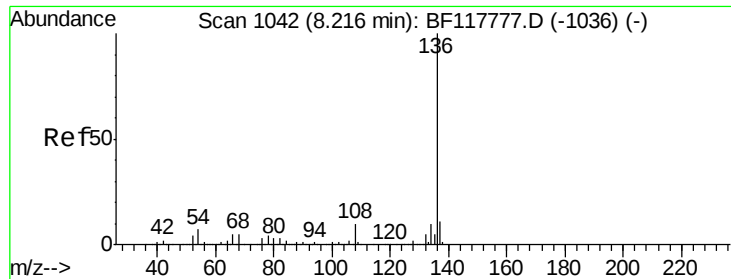
mohammad
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#20
3+4-Methylphenols
Concen: 45.579 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.4	108.4
77	87.4	35.2	75.2#
79	29.4	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion:136 Resp: 1019278

Ion Ratio Lower Upper

136 100

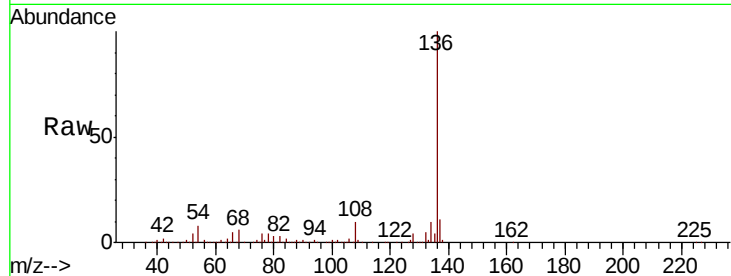
137 11.2 9.0 13.4

54 7.6 5.4 8.2

68 5.7 4.3 6.5

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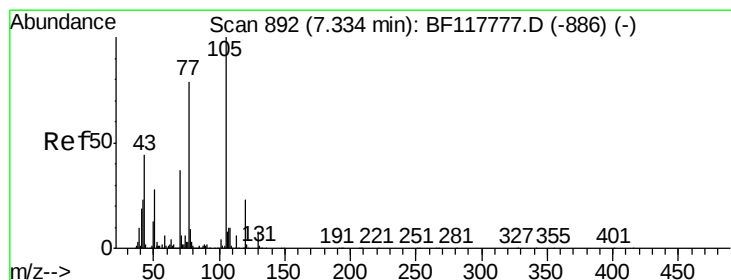
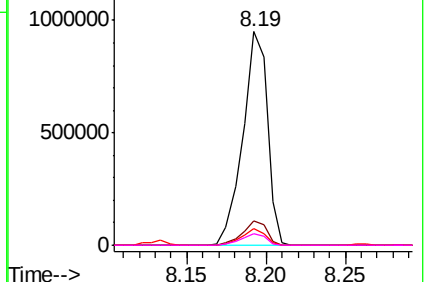
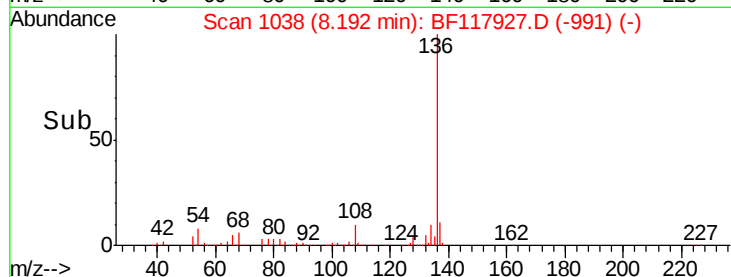
Abundance

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: 40.922 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:105 Resp: 937129

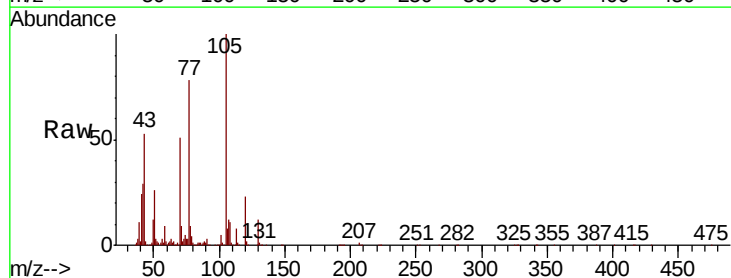
Ion Ratio Lower Upper

105 100

71 8.6 4.9 7.3#

51 25.6 22.7 34.1

120 23.1 18.5 27.7



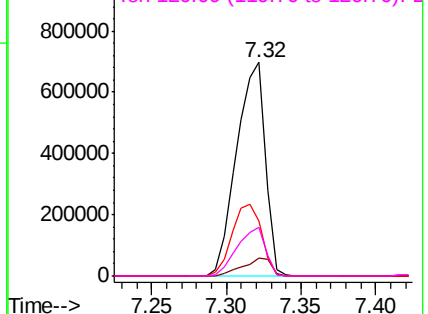
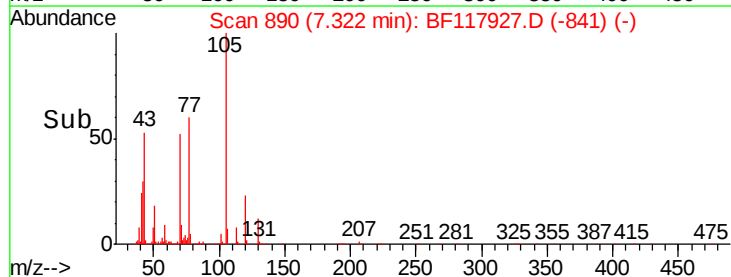
Abundance

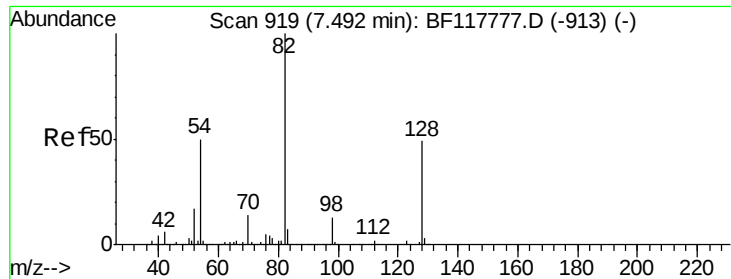
Ion 105.00 (104.70 to 105.70): E

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





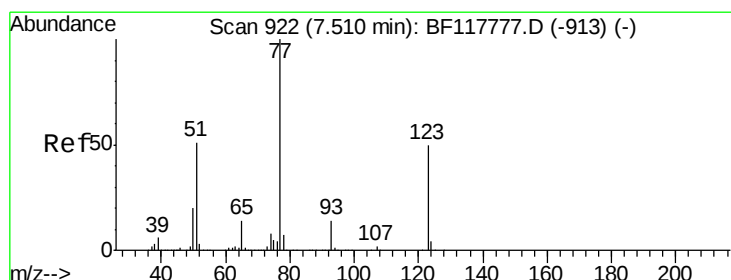
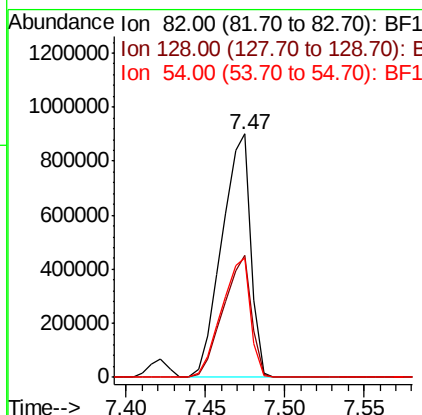
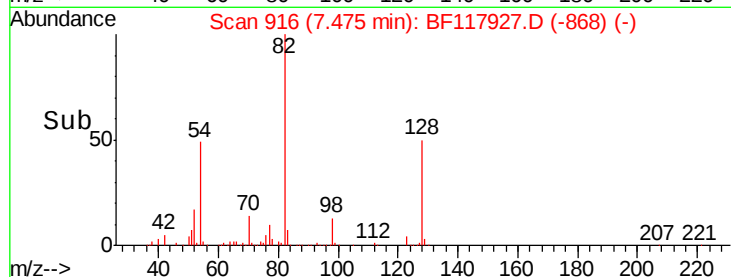
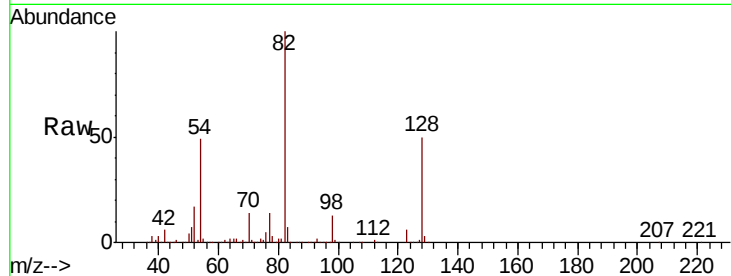
#23
Nitrobenzene-d5
Concen: 66.267 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.9	58.3
54	48.9	39.8	59.6

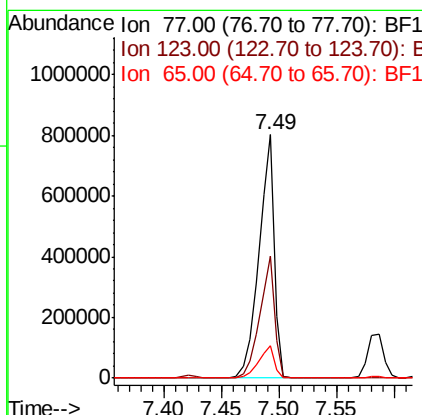
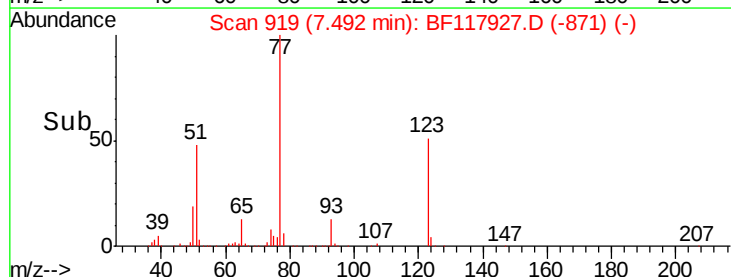
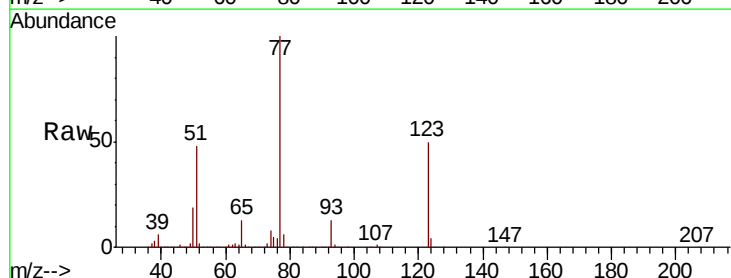
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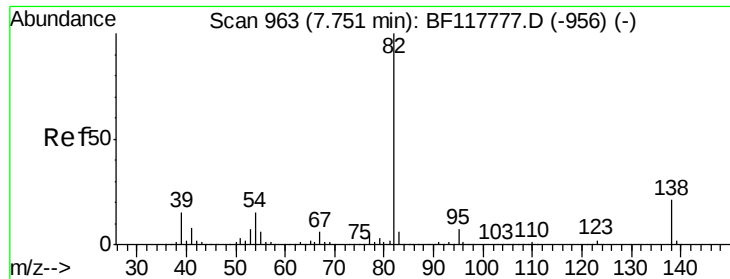
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#24
Nitrobenzene
Concen: 42.049 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.3	60.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 44.097 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion: 82 Resp: 1385833

Ion Ratio Lower Upper

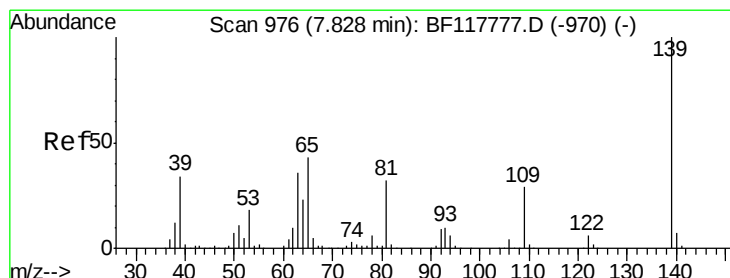
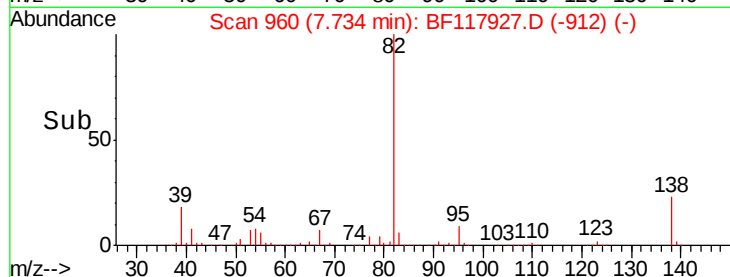
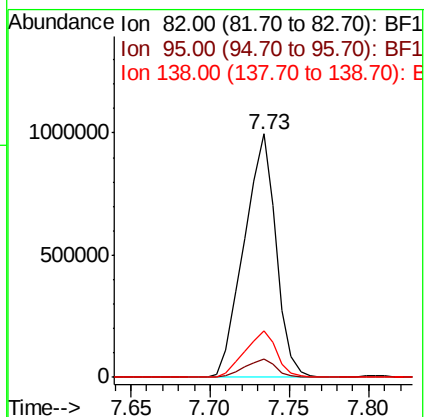
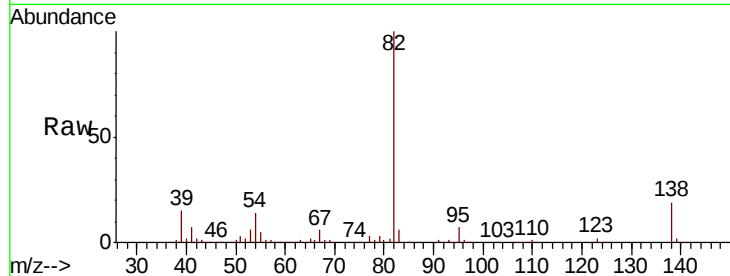
82 100

95 7.5 5.8 8.8

138 19.3 16.5 24.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.635 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

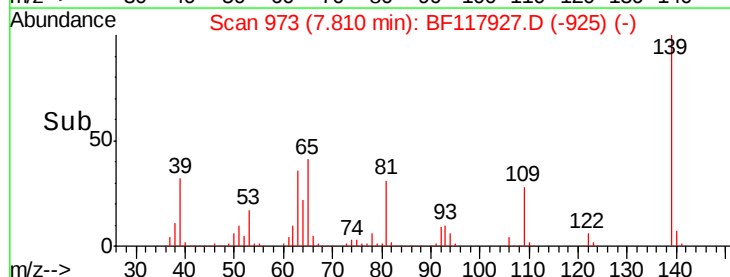
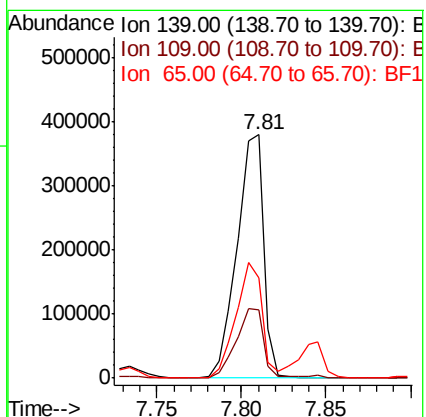
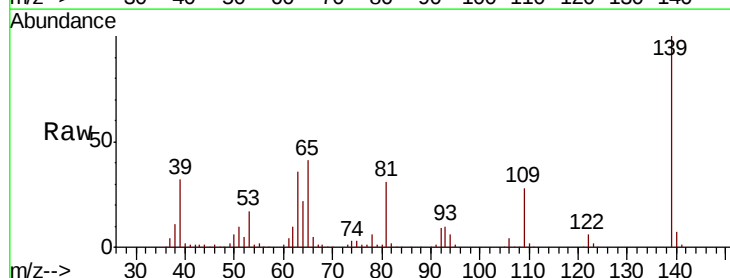
Tgt Ion: 139 Resp: 418730

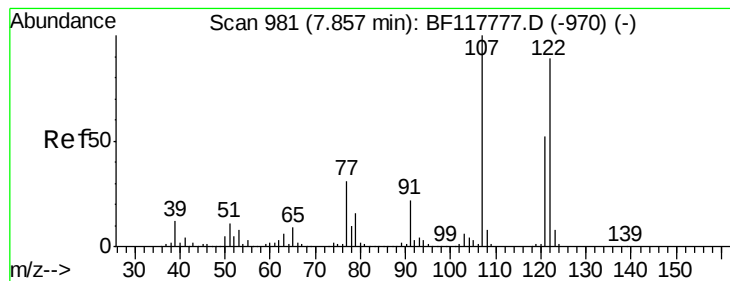
Ion Ratio Lower Upper

139 100

109 27.8 23.0 34.4

65 41.3 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 51.286 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

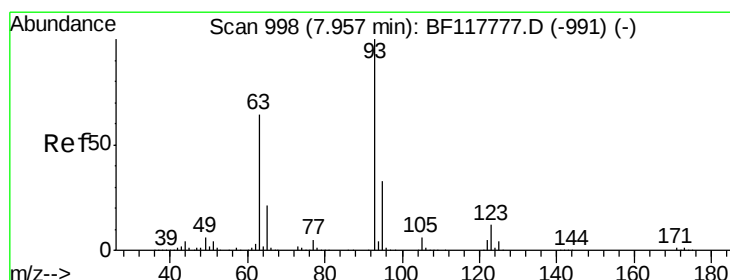
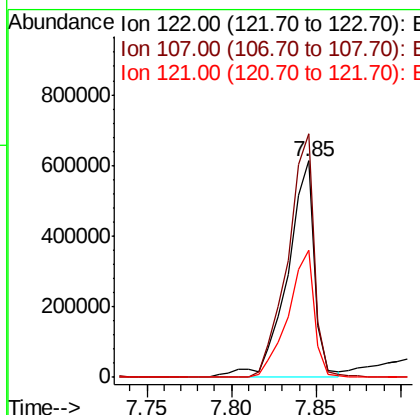
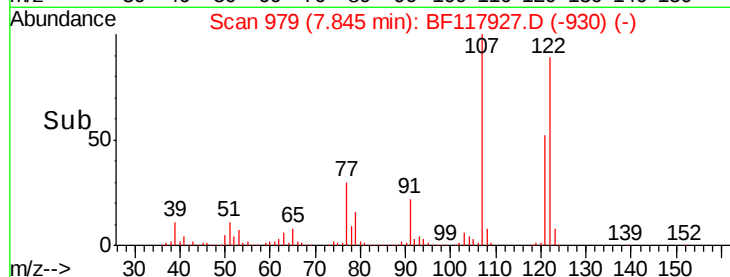
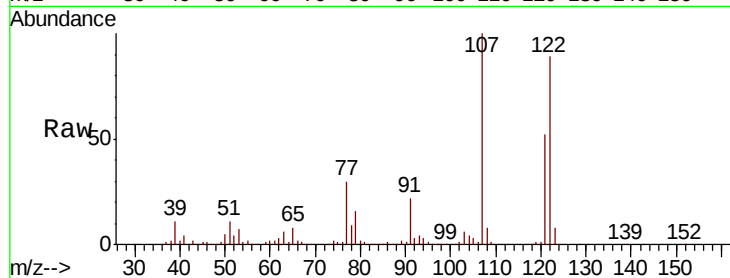
ClientSampleId :

PB124996BS

Tot Ion:	122	Resp:	686121
Ion Ratio	Lower	Upper	
122	100		
107	112.5	90.0	135.0
121	58.8	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.781 ng

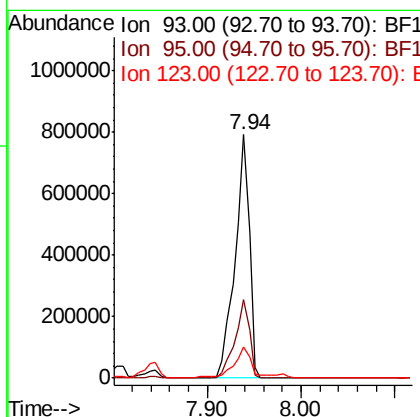
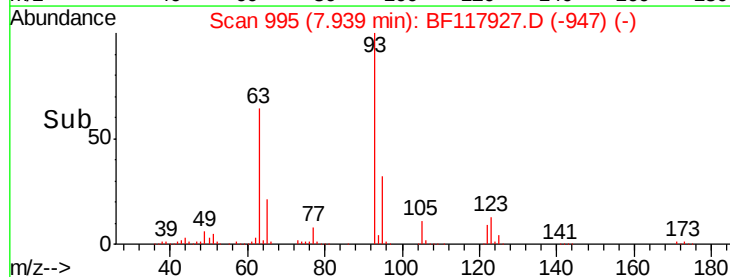
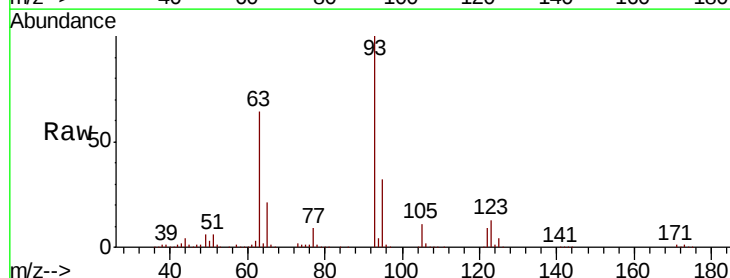
RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:	93	Resp:	833218
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	40.0
123	12.6	10.3	15.5





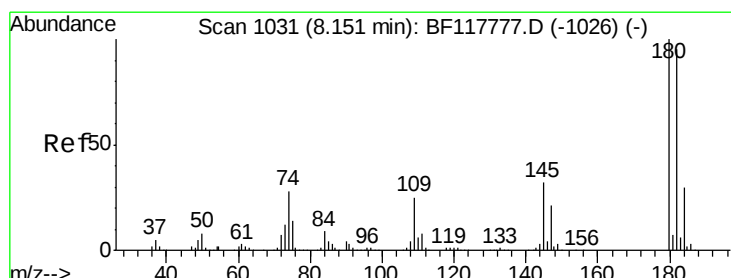
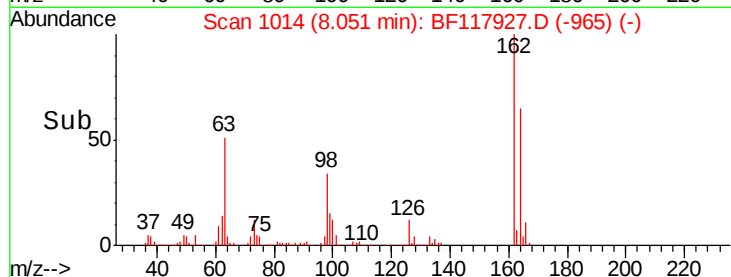
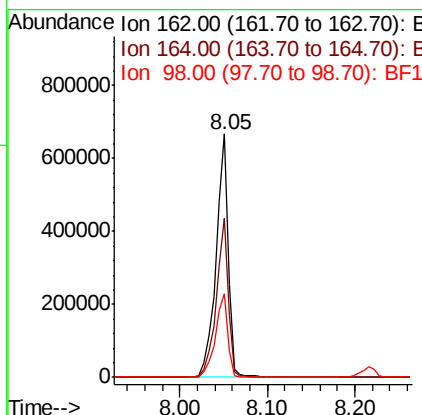
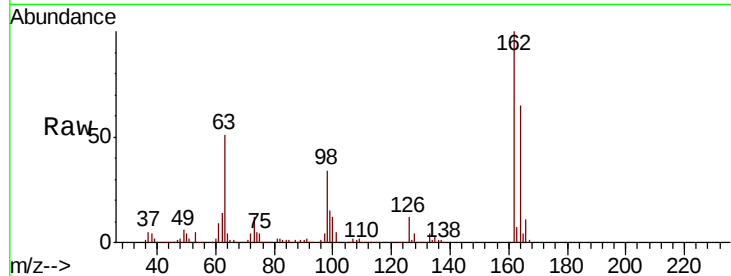
#29
2,4-Dichlorophenol
Concen: 44.758 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	649517		
164	65.3	45.1	85.1	
98	34.5	17.2	57.2	

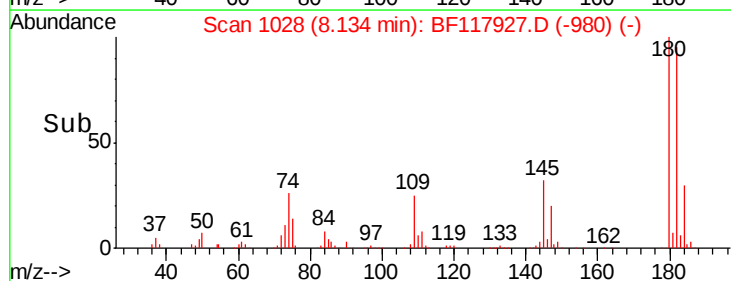
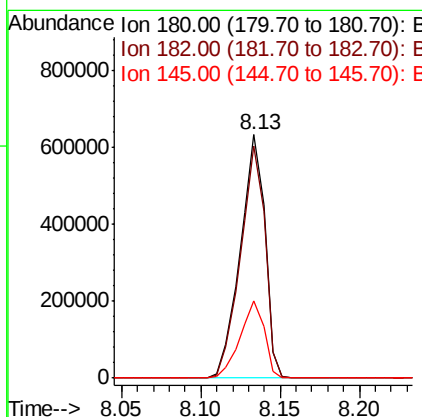
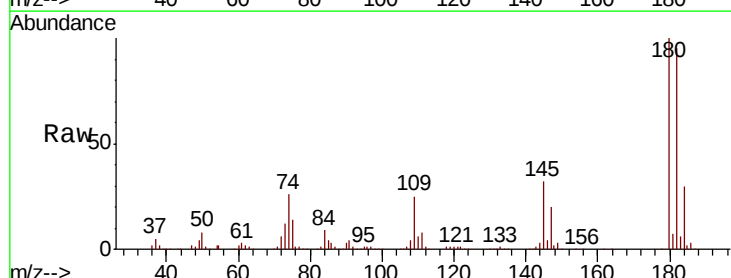
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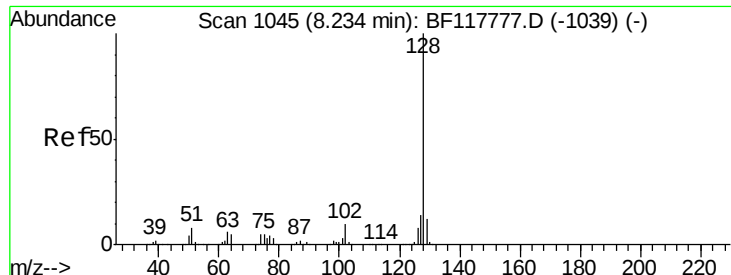
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#30
1,2,4-Trichlorobenzene
Concen: 40.320 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	678680		
182	95.2	75.8	113.6	
145	31.5	25.5	38.3	





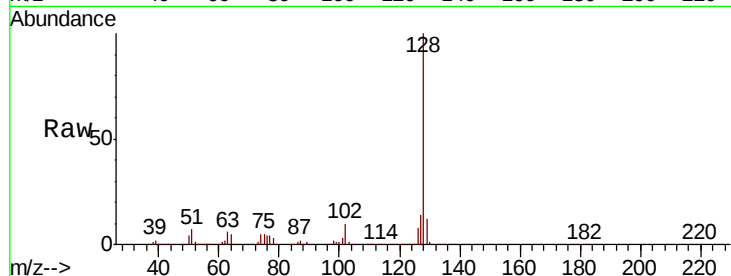
#31
Naphthalene
Concen: 43.064 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	14.1	11.3	16.9

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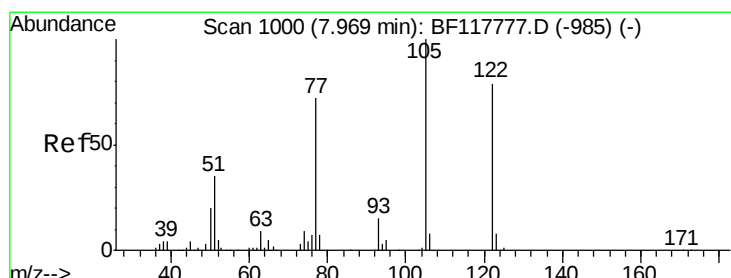
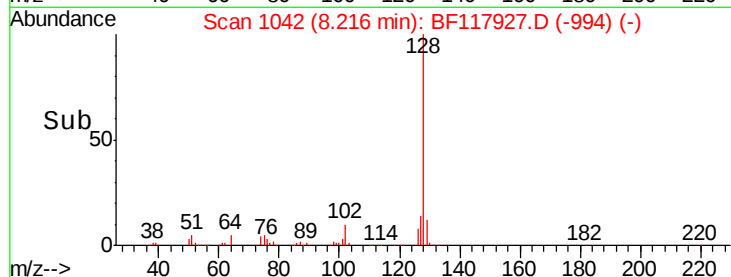
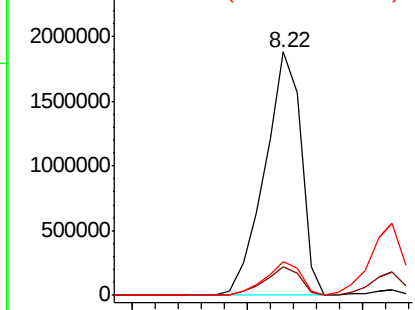


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.876 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

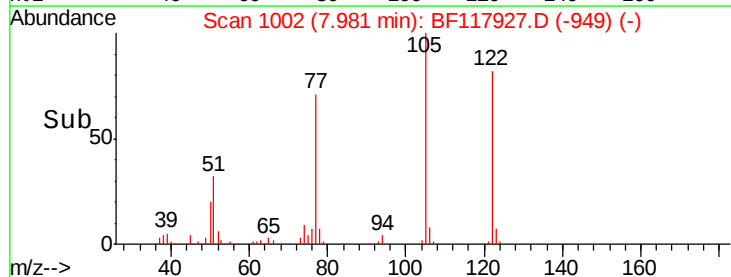
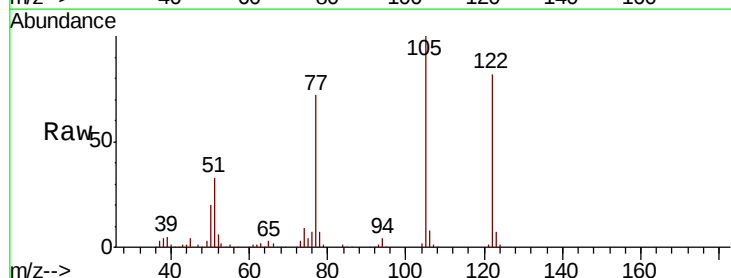
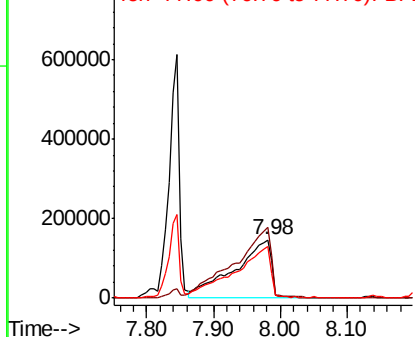
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	102.7	142.7
77	87.6	70.5	110.5

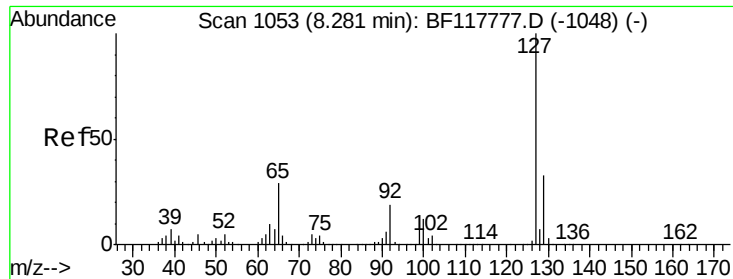
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





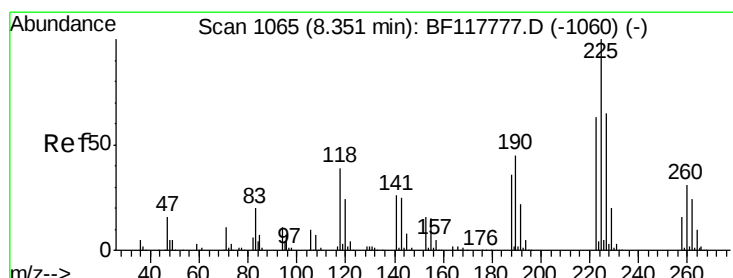
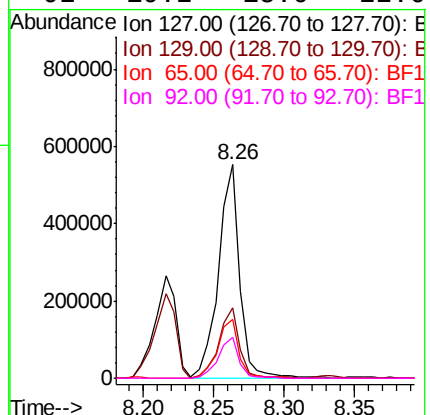
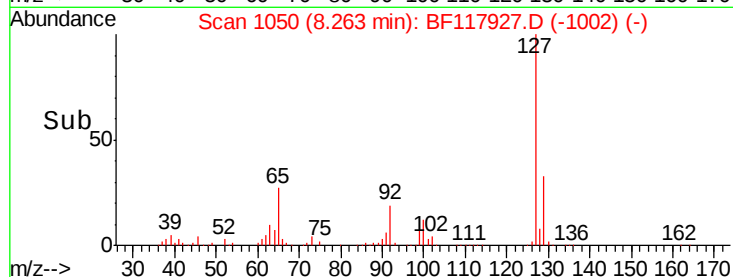
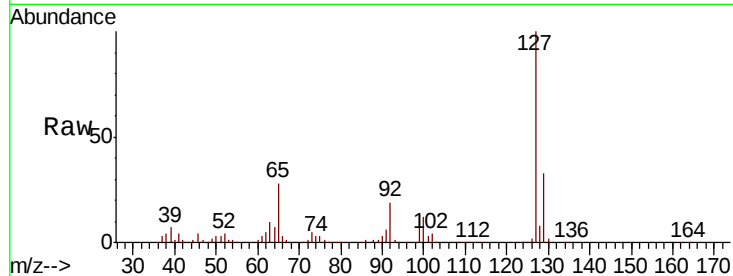
#33
4-Chloroaniline
Concen: 26.943 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		573149		
129	32.8	26.5	39.7		
65	27.7	22.9	34.3		
92	19.2	15.0	22.6		

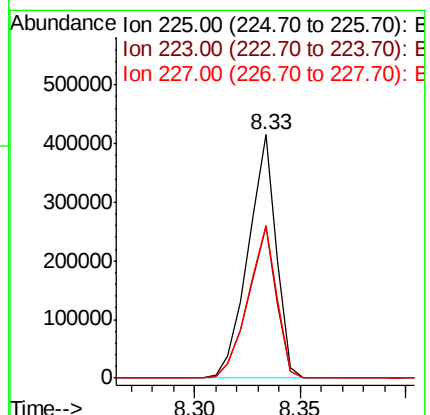
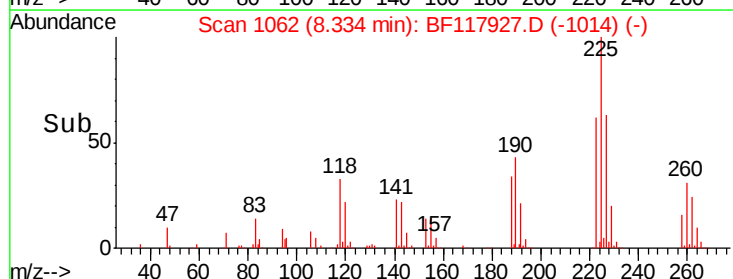
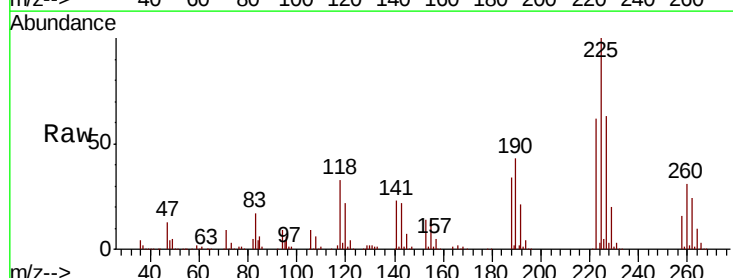
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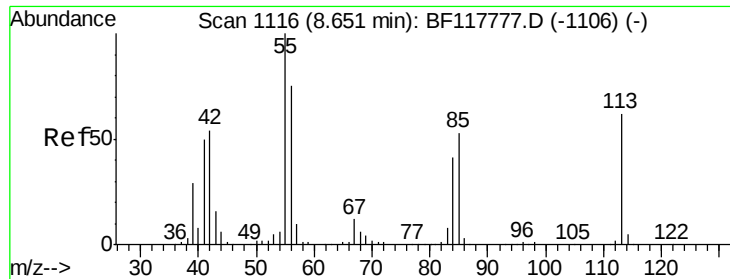
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#34
Hexachlorobutadiene
Concen: 38.843 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		382270		
223	62.4	50.0	75.0		
227	62.6	51.8	77.6		





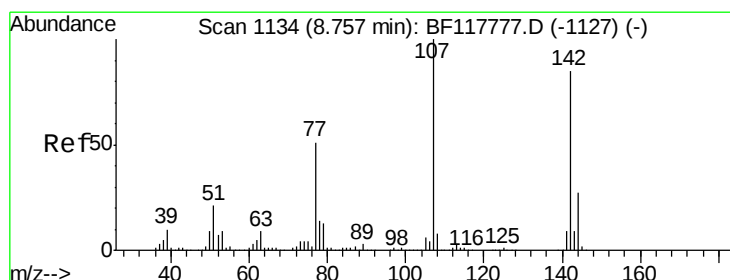
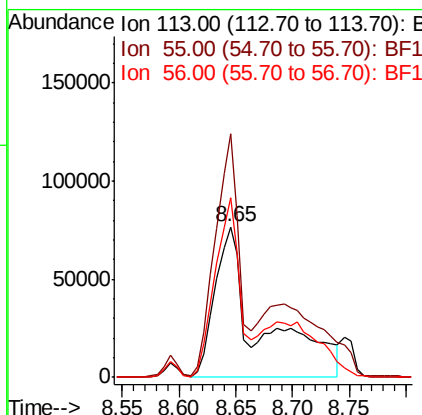
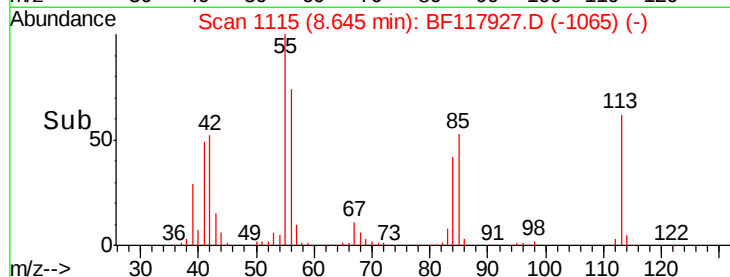
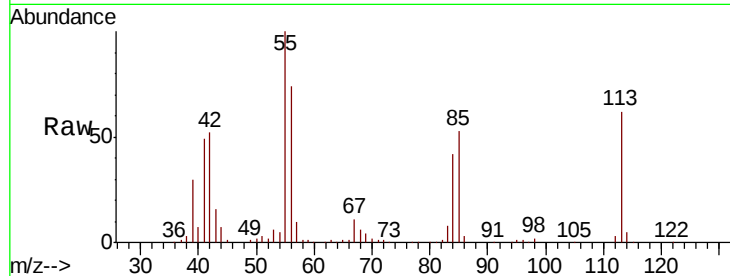
#35
Caprolactam
Concen: 46.297 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.5	141.1	181.1
56	119.5	100.5	140.5

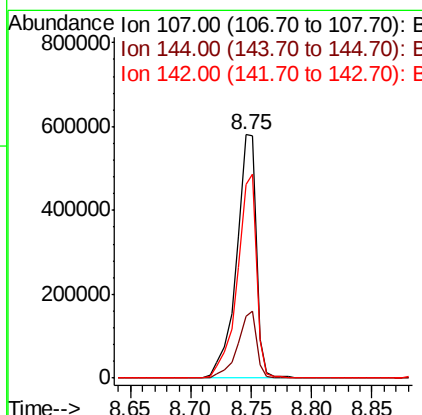
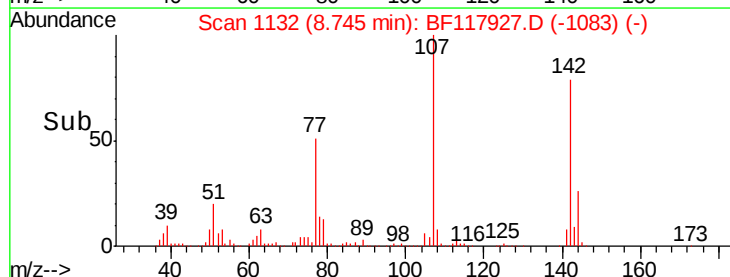
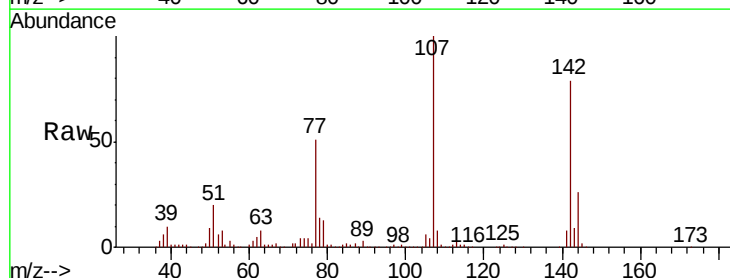
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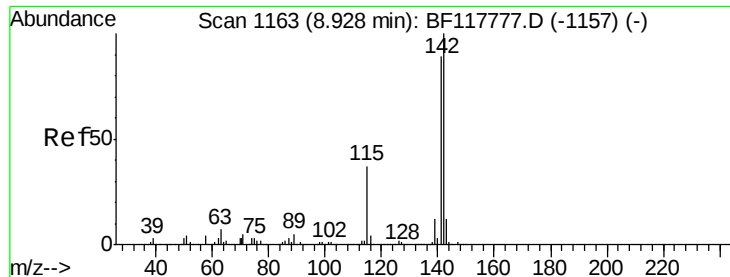
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#36
4-Chloro-3-methylphenol
Concen: 45.447 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.9	32.9
142	79.4	67.7	101.5





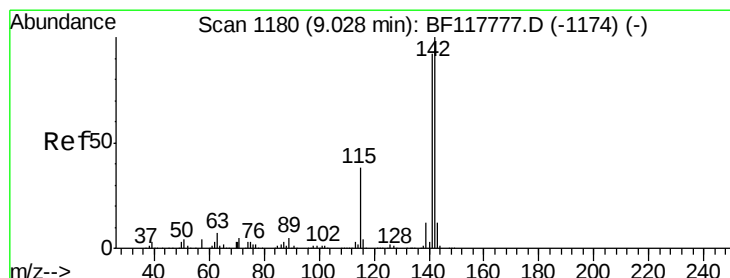
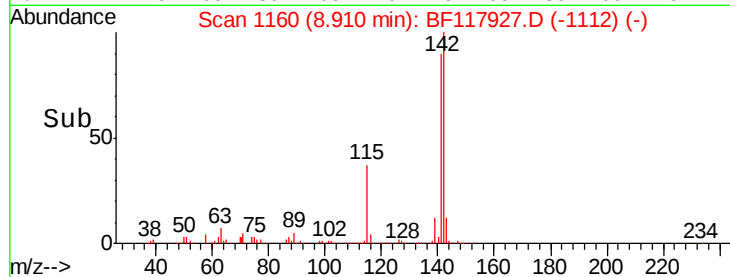
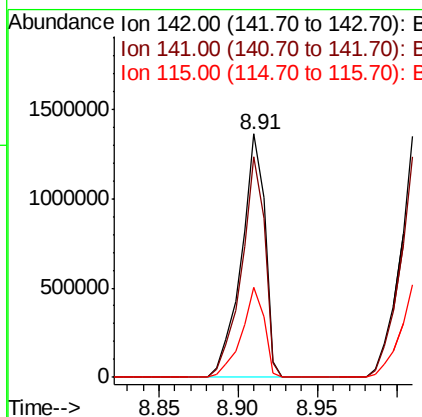
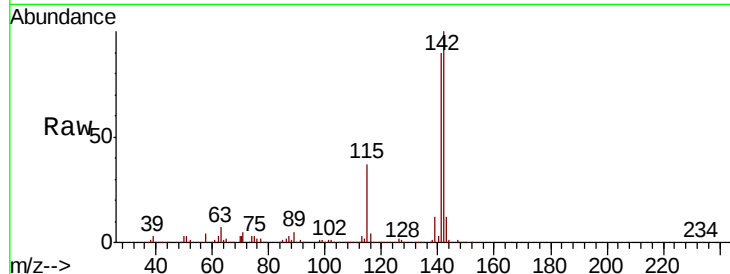
#37
2-Methylnaphthalene
Concen: 43.753 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7
115	37.0	29.2	43.8

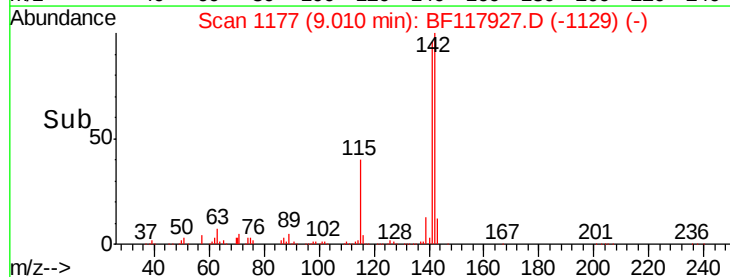
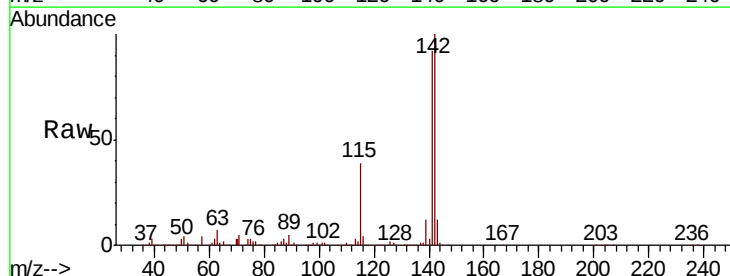
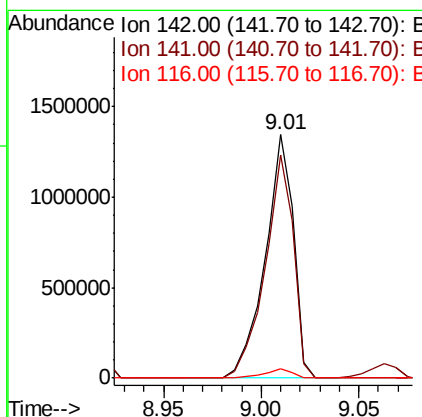
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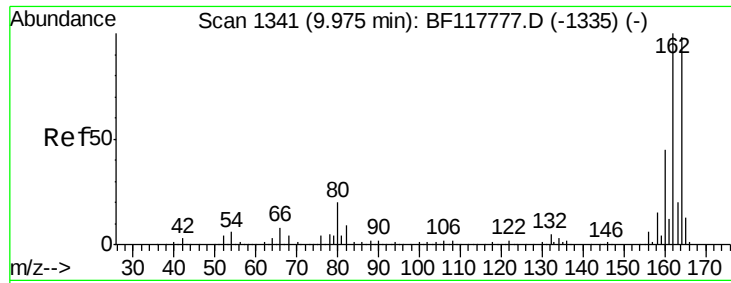
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#38
1-Methylnaphthalene
Concen: 44.382 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.5	110.3
116	4.0	3.2	4.8





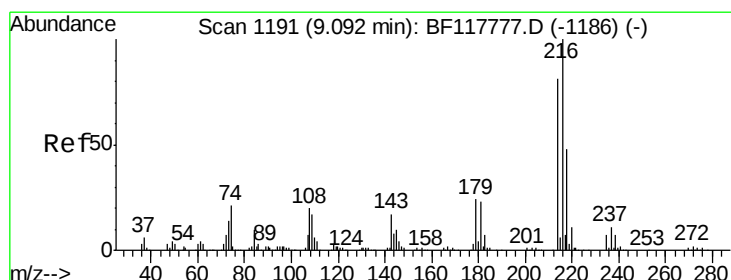
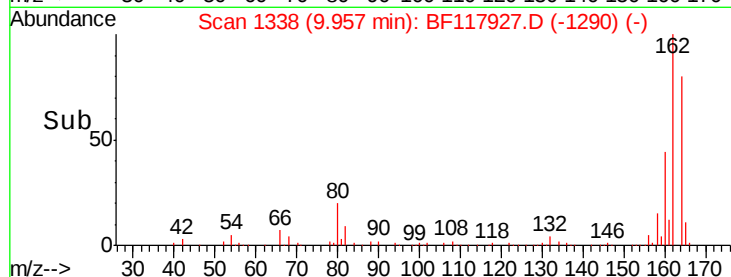
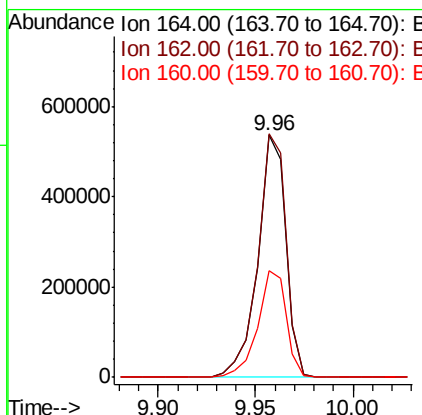
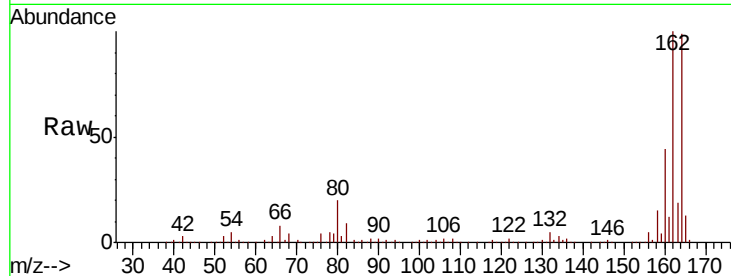
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	44.2	36.6	55.0

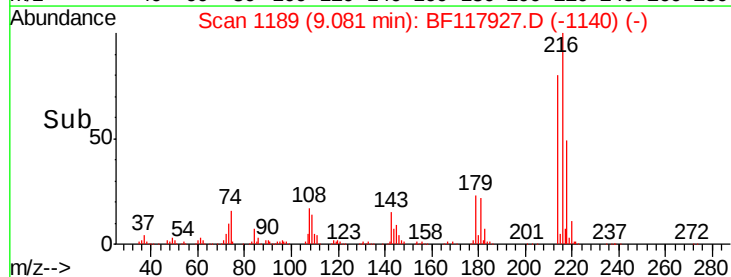
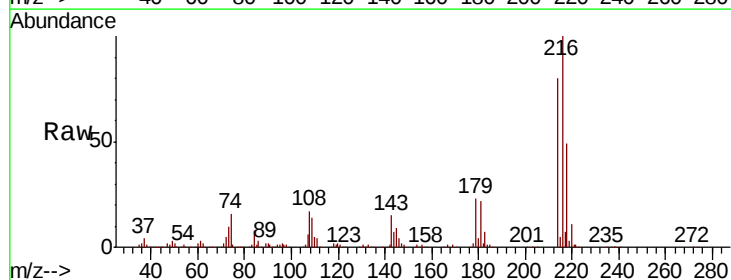
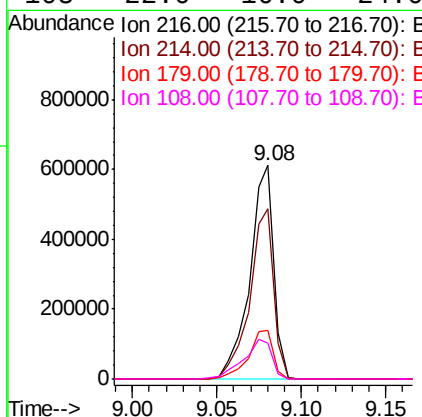
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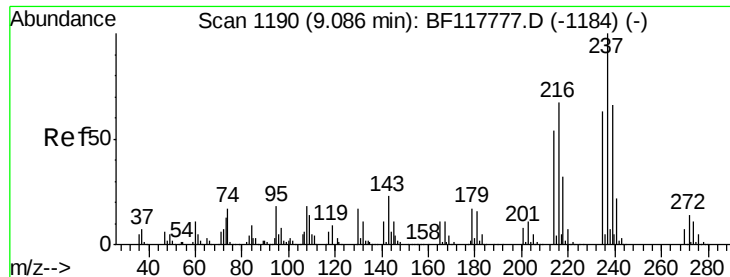
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.382 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	23.4	18.2	27.4
108	22.0	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 76.732 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

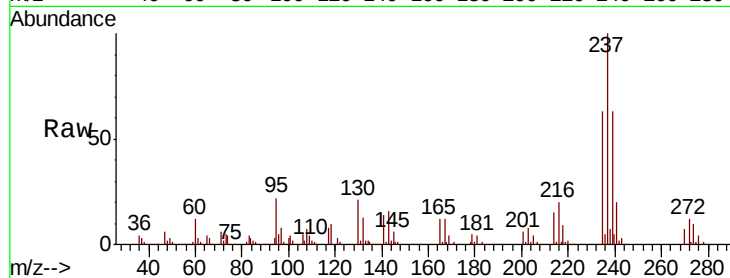
ClientSampleId :

PB124996BS

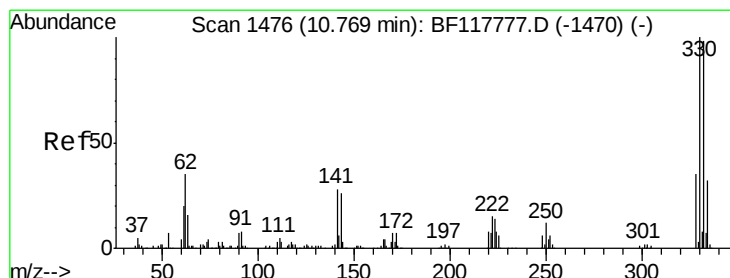
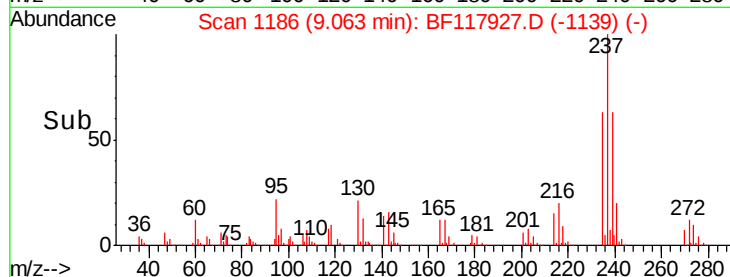
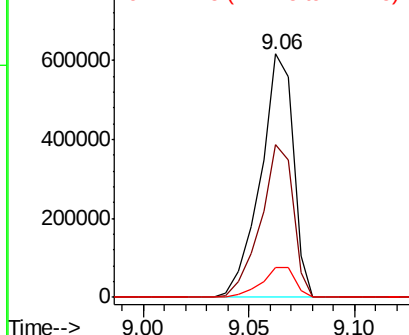
Tot Ion:	237	Resp:	665158
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.6	82.6
272	12.4	0.0	34.3

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



#42

2,4,6-Tribromophenol

Concen: 126.432 ng

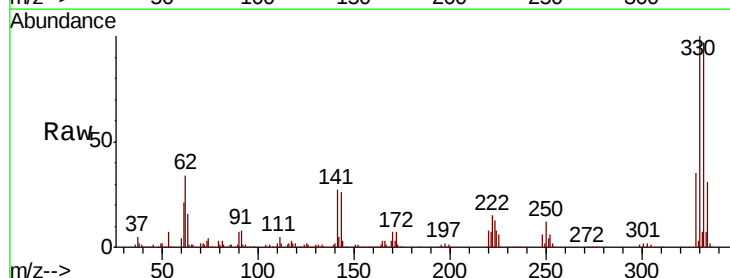
RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

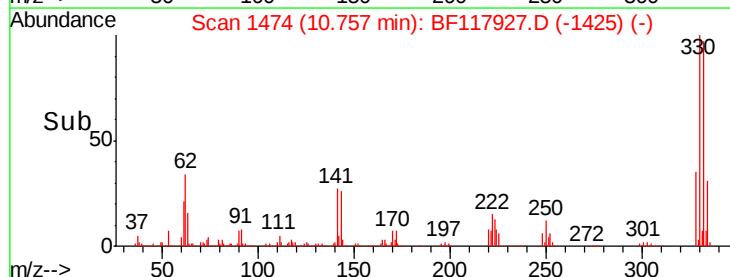
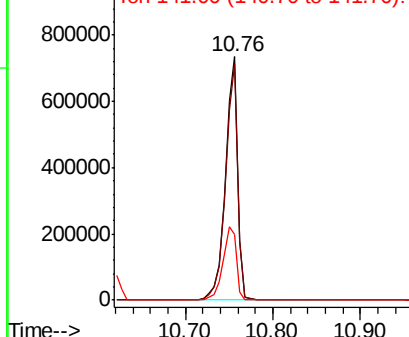
Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:	330	Resp:	712959
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.7	115.1
141	33.2	27.7	41.5



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





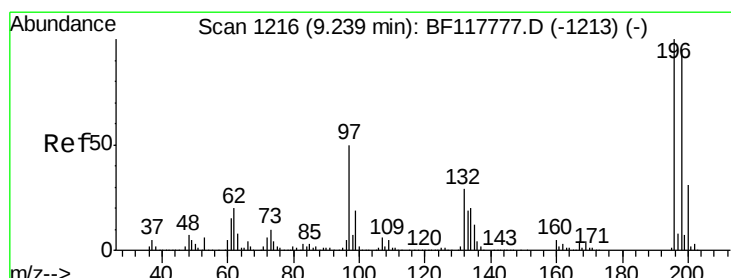
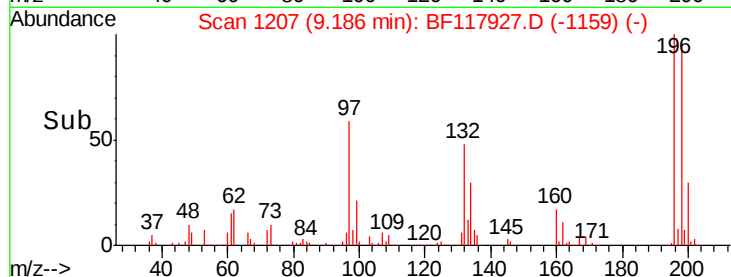
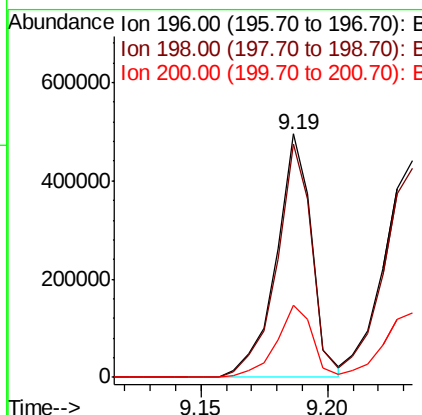
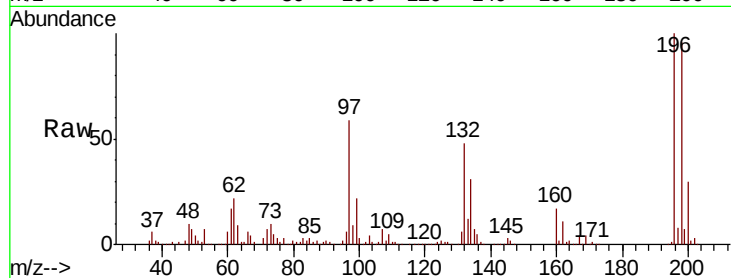
#43
 2,4,6-Trichlorophenol
 Concen: 43.619 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleID :
 PB124996BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	483274		
198	95.9	77.8	116.6	
200	29.8	25.4	38.0	

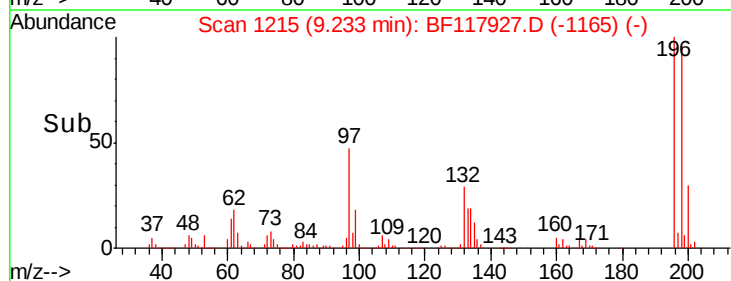
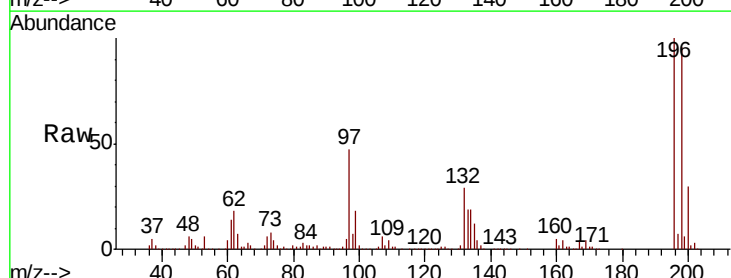
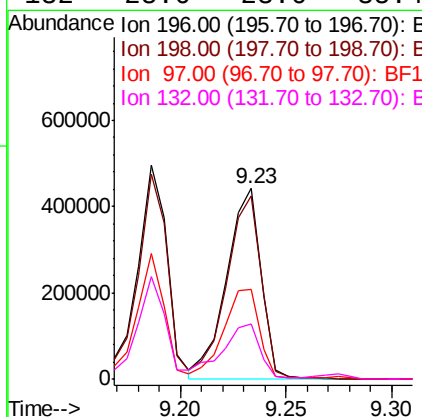
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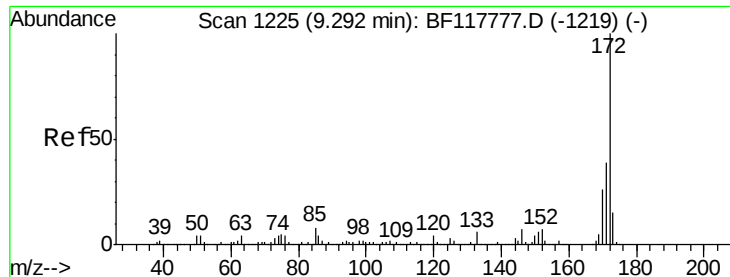
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#44
 2,4,5-Trichlorophenol
 Concen: 43.075 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	495511		
198	96.0	76.3	114.5	
97	46.9	40.0	60.0	
132	28.6	23.6	35.4	





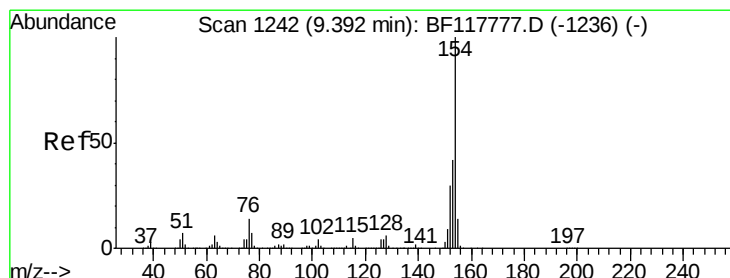
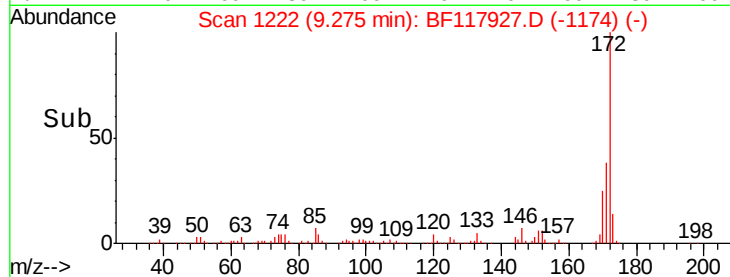
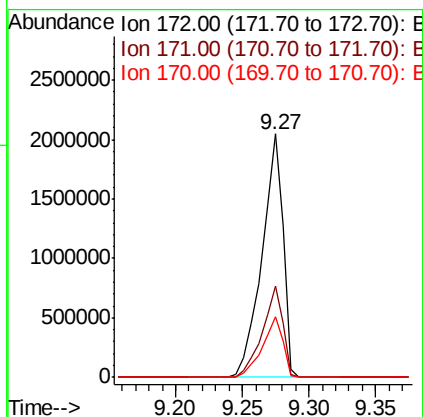
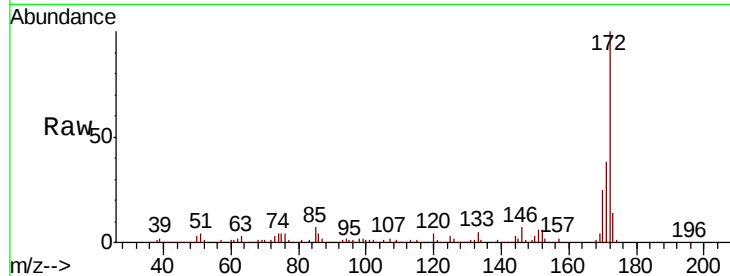
#45
2-Fluorobiphenyl
Concen: 74.893 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.9	46.3
170	25.1	21.0	31.4

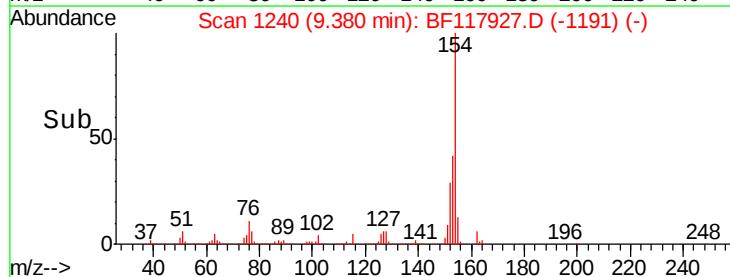
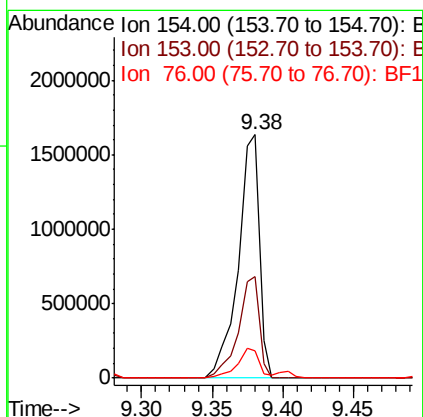
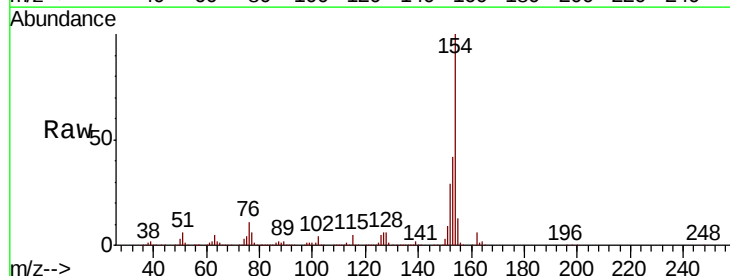
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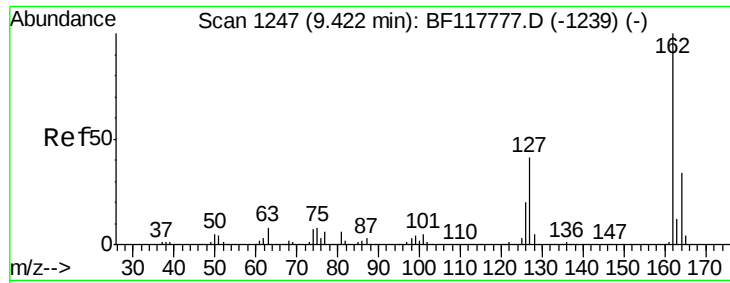
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#46
1,1'-Biphenyl
Concen: 43.143 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	11.3	0.0	33.6





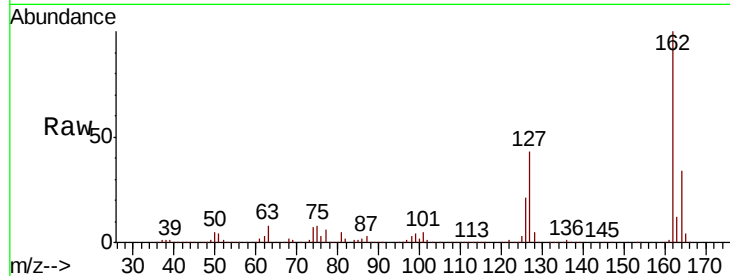
#47
2-Chloronaphthalene
Concen: 41.288 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

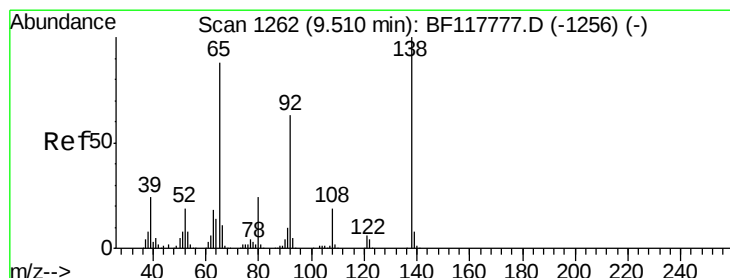
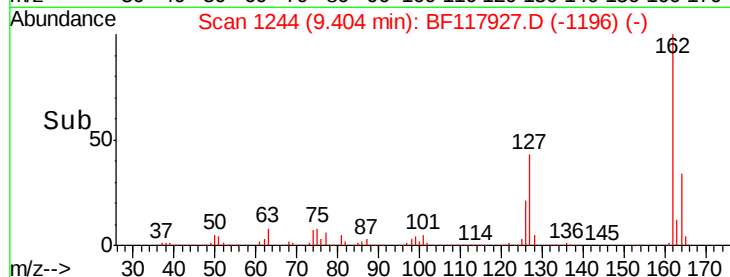
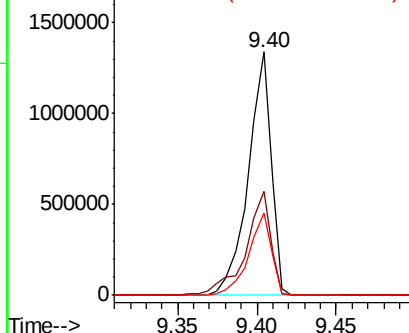
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.2	49.8
164	33.8	27.3	40.9

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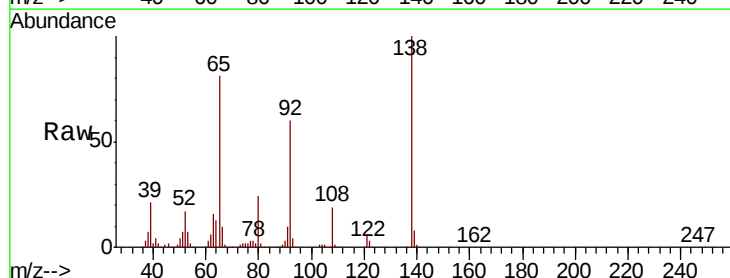


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

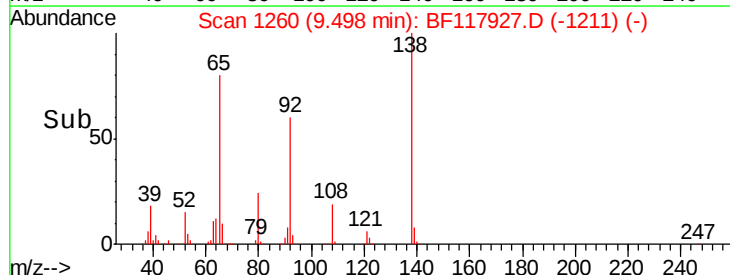
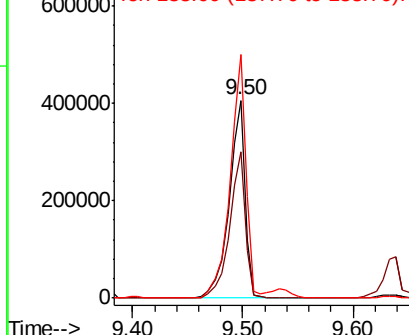


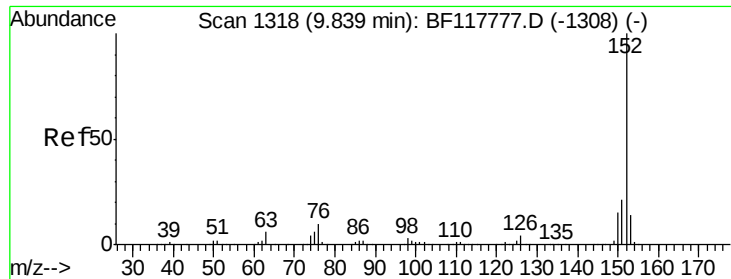
#48
2-Nitroaniline
Concen: 41.870 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	56.6	84.8
138	123.0	90.5	135.7



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





#49

Acenaphthylene

Concen: 44.212 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion:152 Resp: 2095498

Ion Ratio Lower Upper

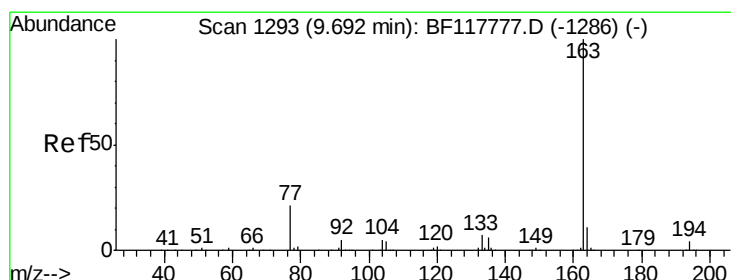
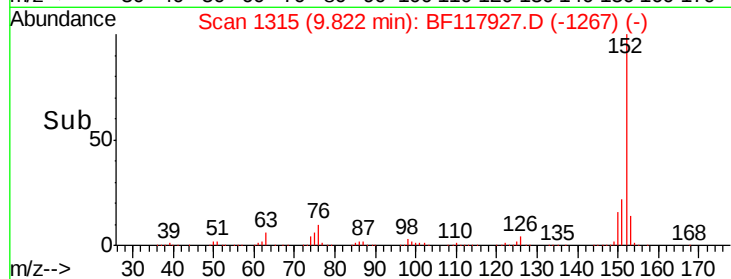
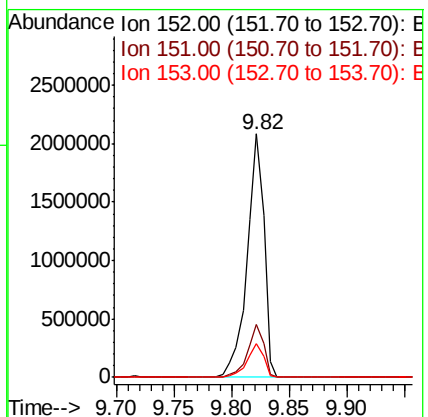
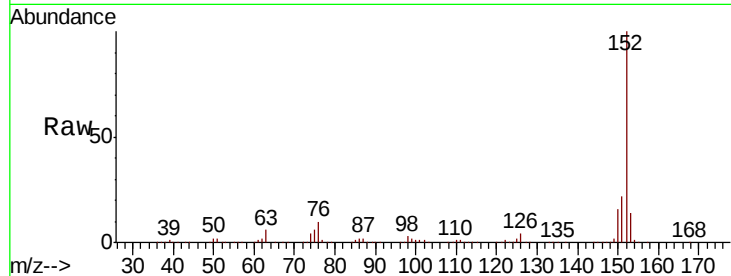
152 100

151 21.5 17.0 25.6

153 14.0 11.0 16.6

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#50

Dimethylphthalate

Concen: 42.030 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

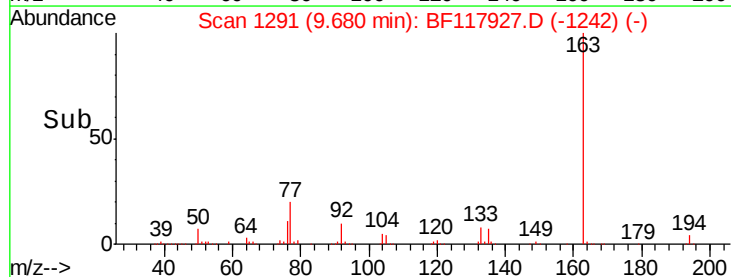
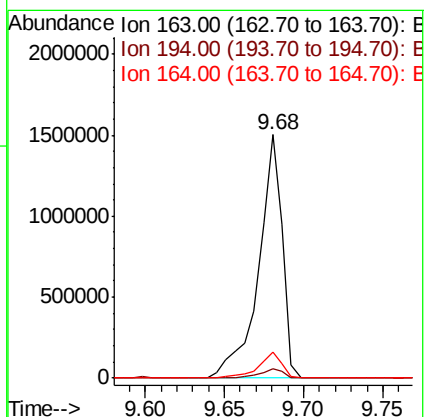
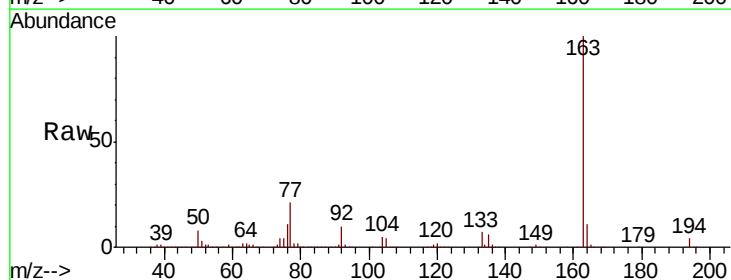
Tgt Ion:163 Resp: 1569862

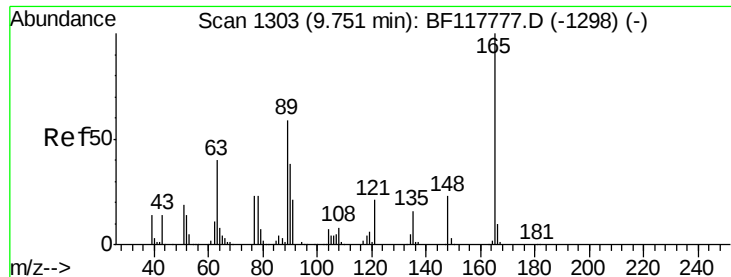
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.8 8.7 13.1





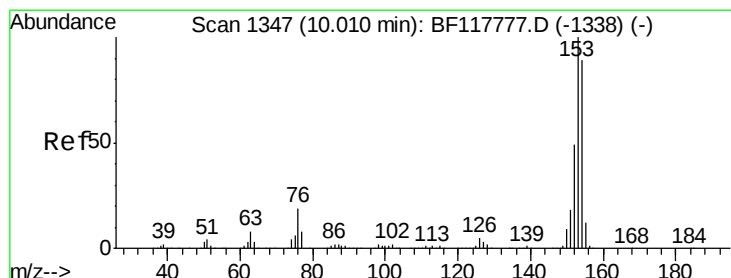
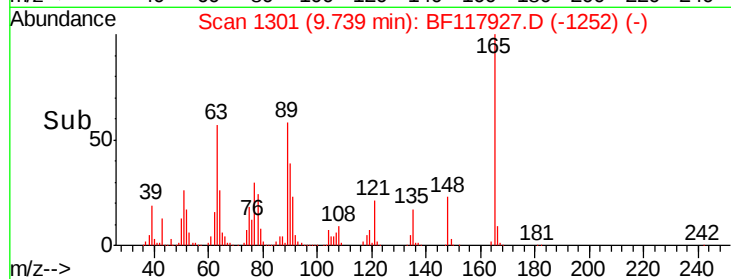
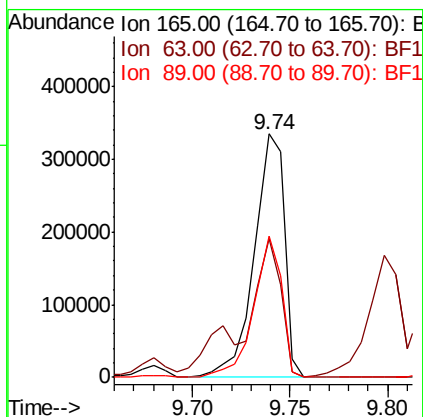
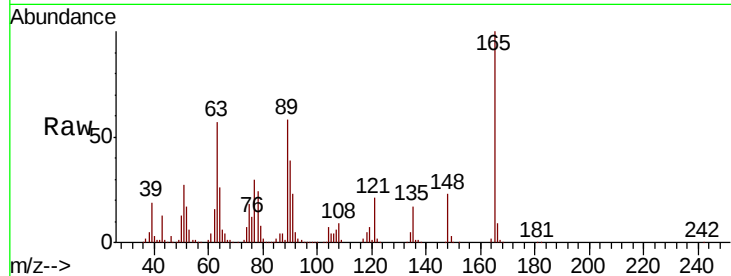
#51
2,6-Dinitrotoluene
Concen: 43.968 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	358920		
63	56.9	46.0	69.0	
89	58.0	47.7	71.5	

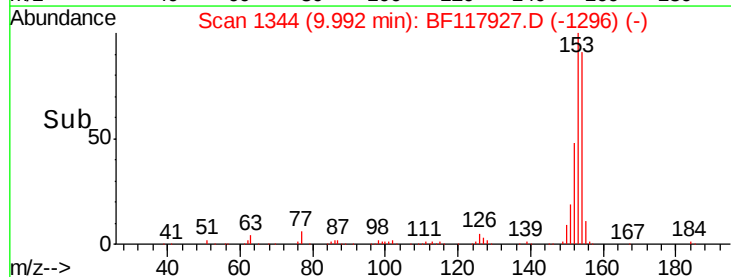
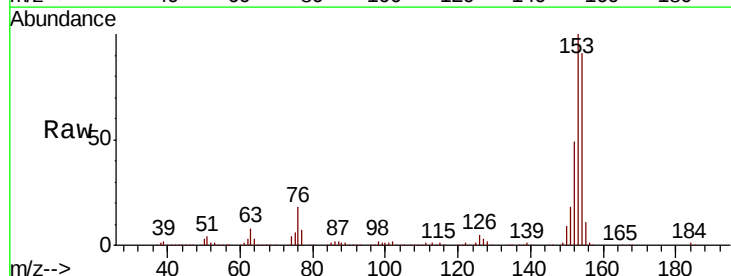
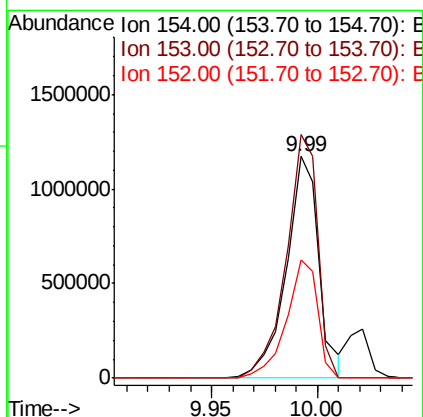
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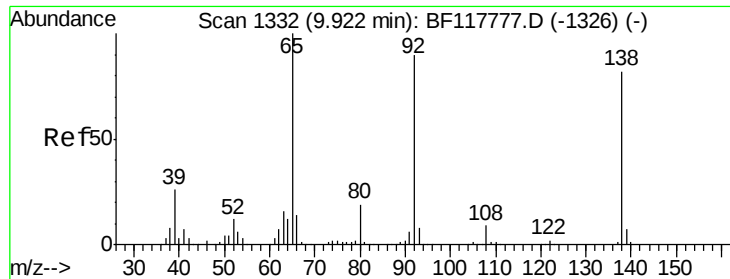
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#52
Acenaphthene
Concen: 41.662 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1264950		
153	109.9	90.1	135.1	
152	53.4	44.0	66.0	





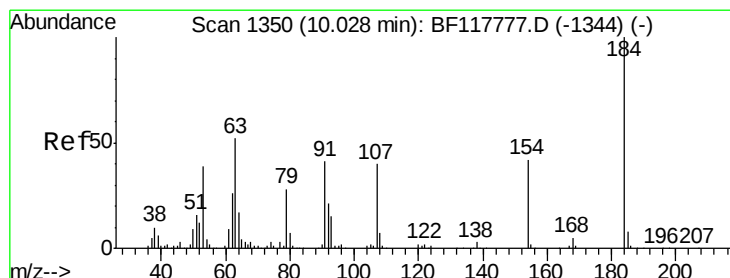
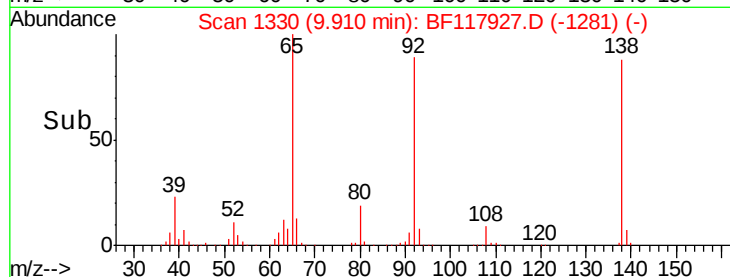
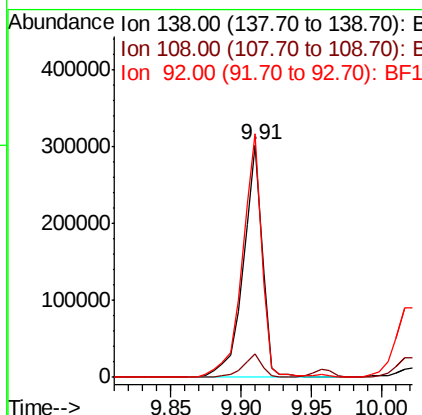
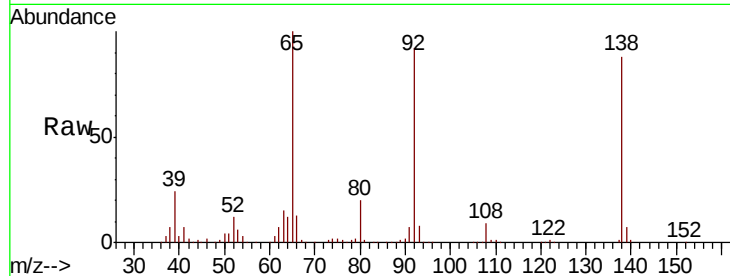
#53
3-Nitroaniline
Concen: 29.058 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	12.8
92	104.7	87.9	131.9

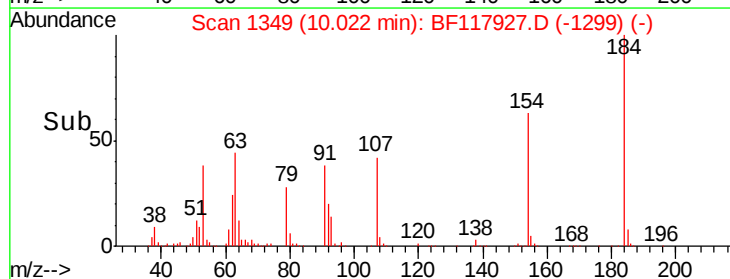
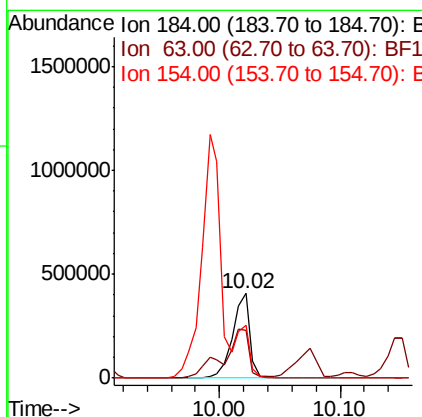
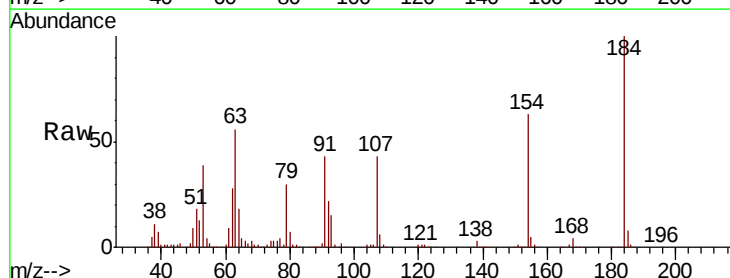
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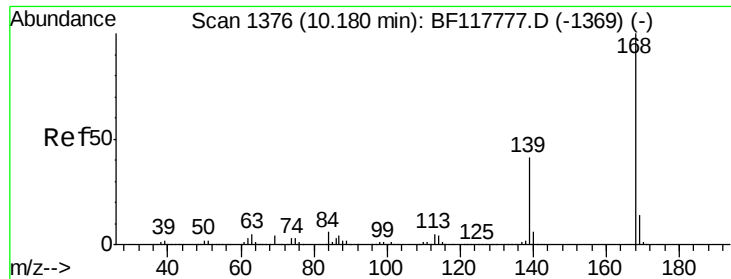
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#54
2,4-Dinitrophenol
Concen: 95.184 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	43.0	64.6
154	63.3	48.0	72.0





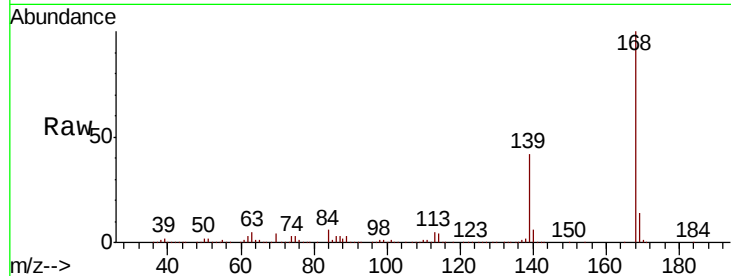
#55
Dibenzofuran
Concen: 42.920 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.0	49.6
169	13.9	11.5	17.3

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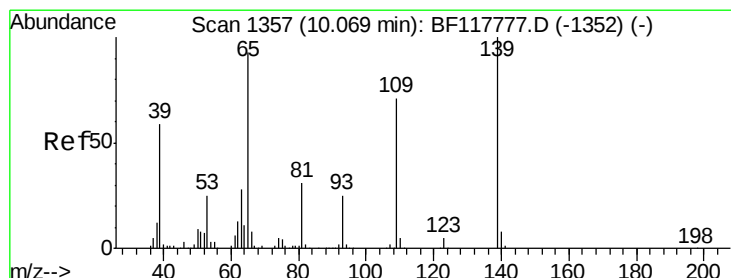
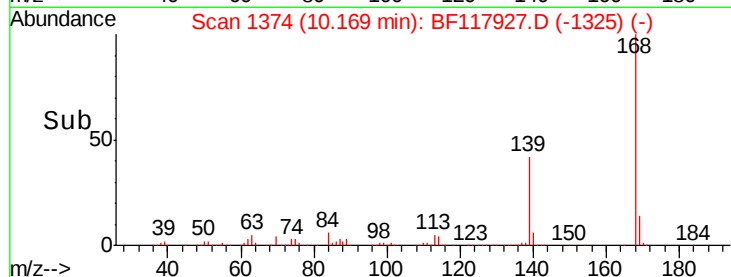
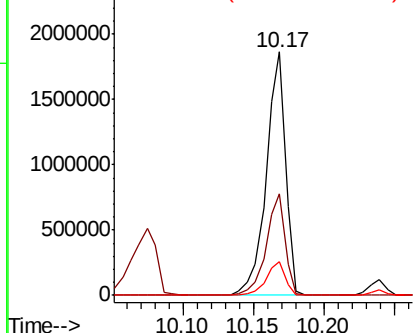


Abundance

Ion 168.00 (167.70 to 168.70): E

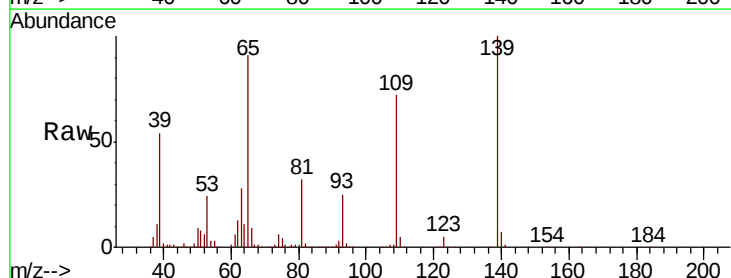
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.699 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	50.8	90.8
65	90.8	73.6	113.6

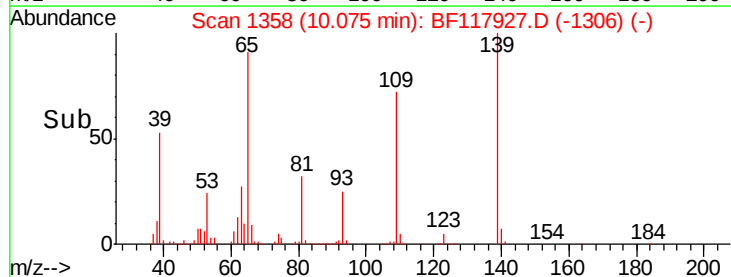
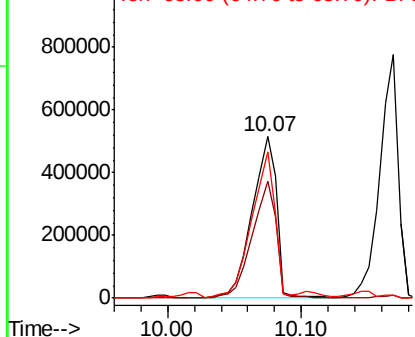


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





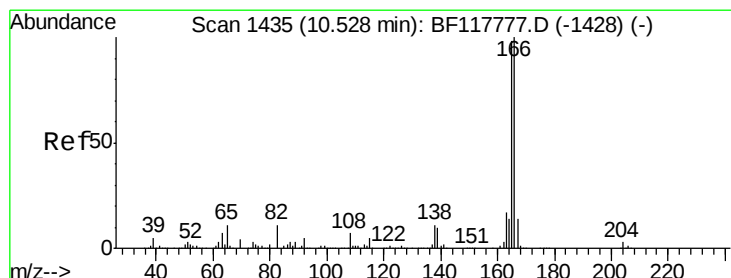
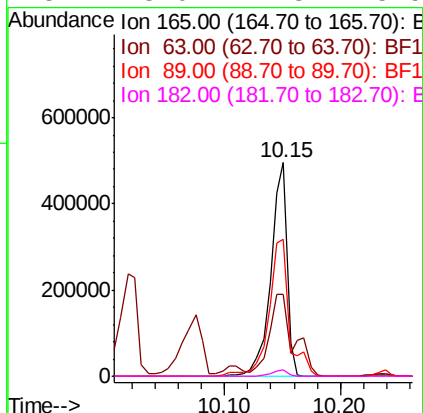
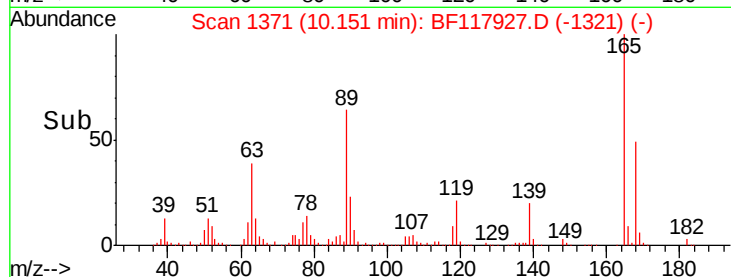
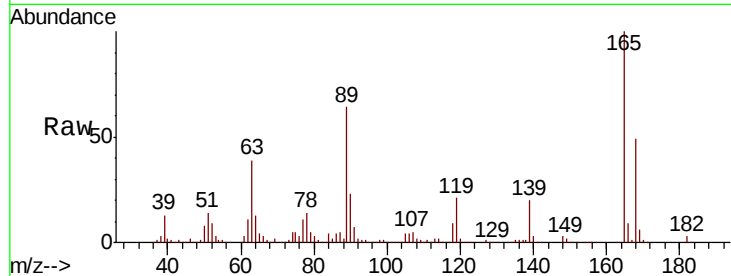
#57
2,4-Dinitrotoluene
Concen: 46.807 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	33.7	50.5
89	64.4	57.3	85.9
182	3.0	2.3	3.5

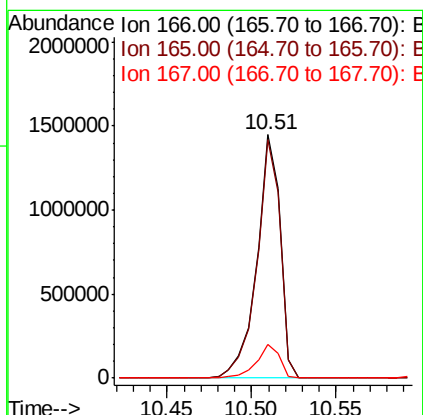
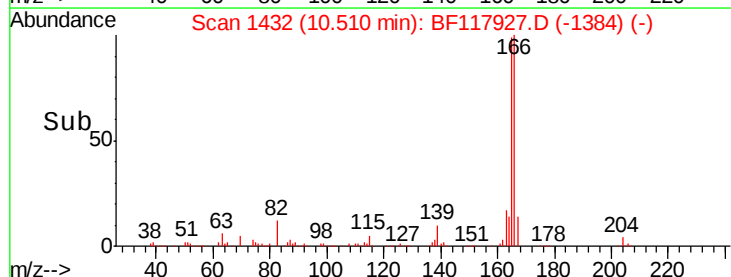
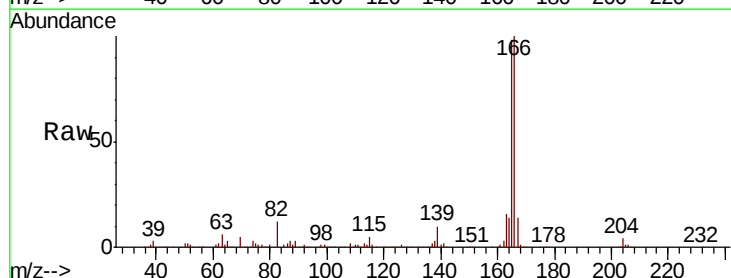
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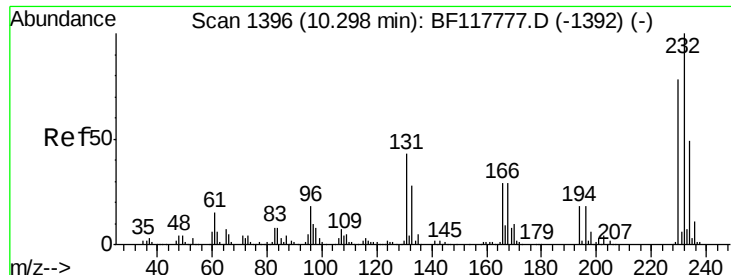
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#58
Fluorene
Concen: 43.050 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	14.1	11.0	16.4





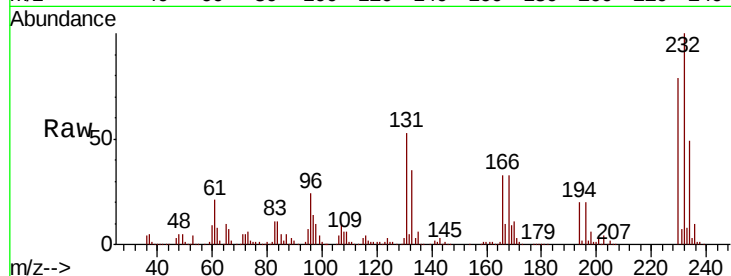
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.646 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB124996BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	37.6	56.4
130	2.5	1.9	2.9
166	30.8	24.2	36.4

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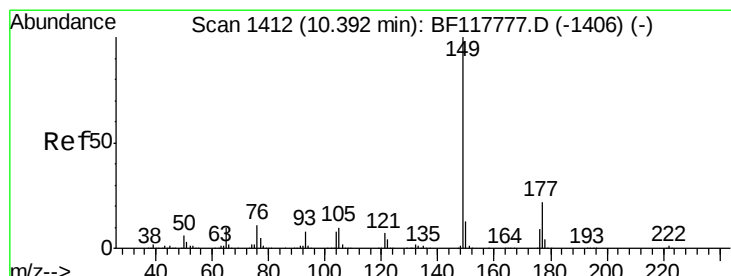
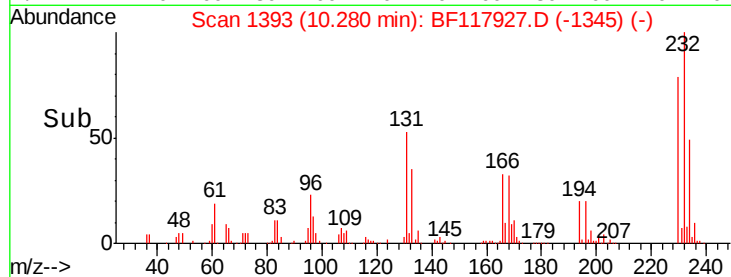
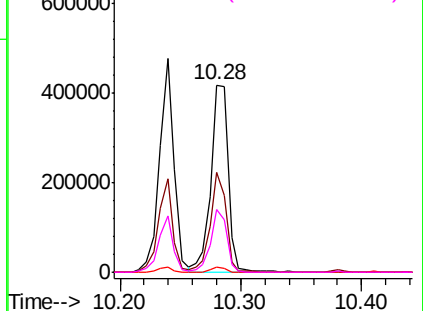
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

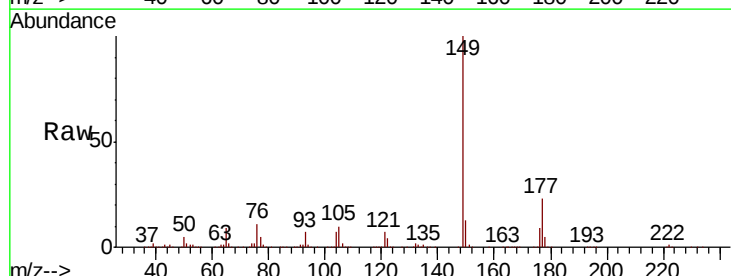
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.143 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.0	27.0
150	13.1	10.5	15.7

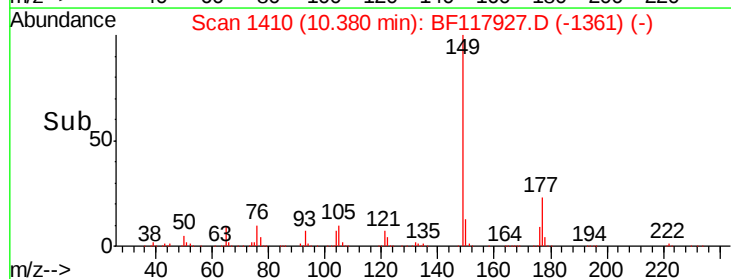
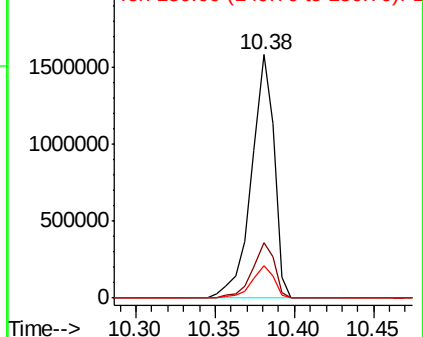


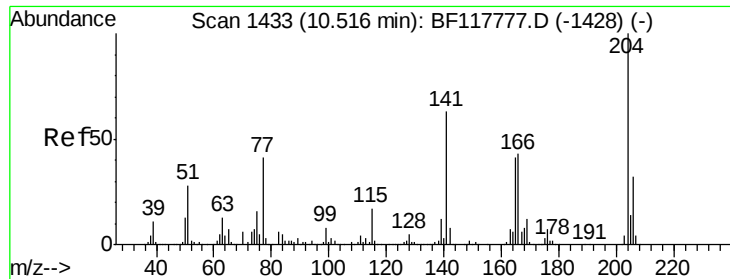
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





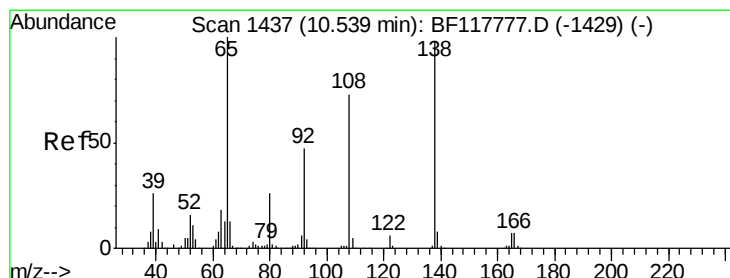
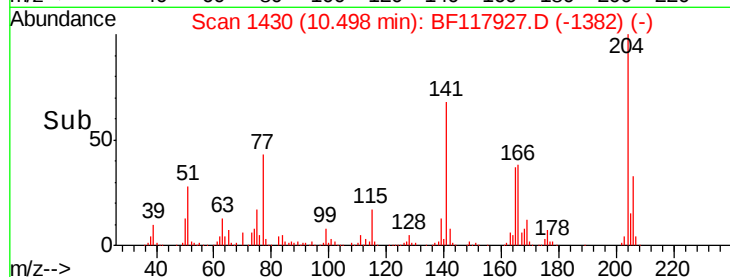
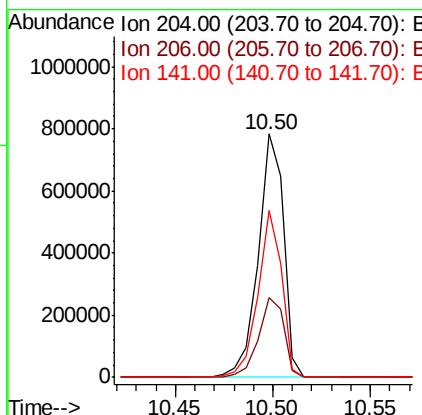
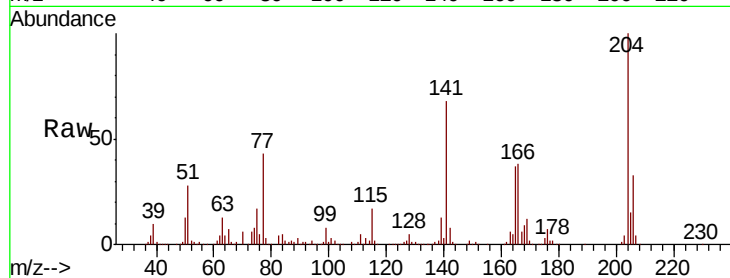
#61
 4-Chlorophenyl-phenylether
 Concen: 42.433 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleID :
 PB124996BS

Tot Ion:	204	Resp:	701606
Ion Ratio		Lower	Upper
204	100		
206	32.9	25.6	38.4
141	68.3	50.7	76.1

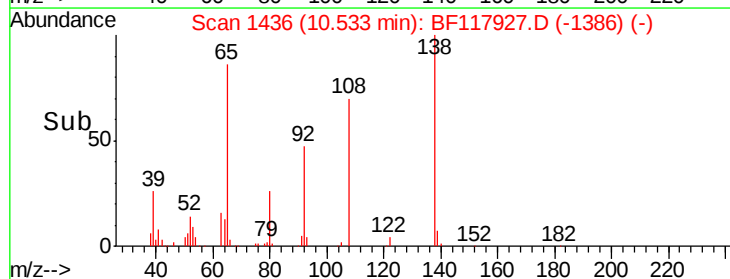
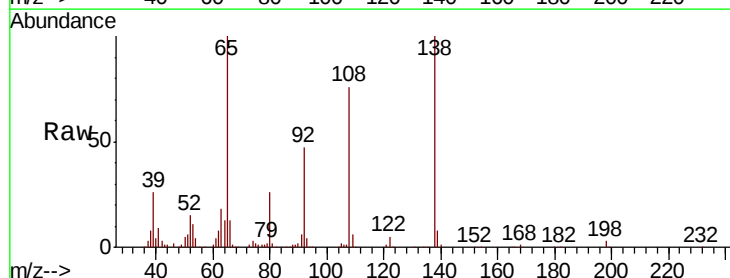
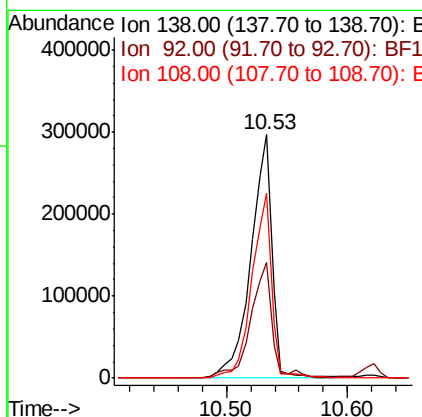
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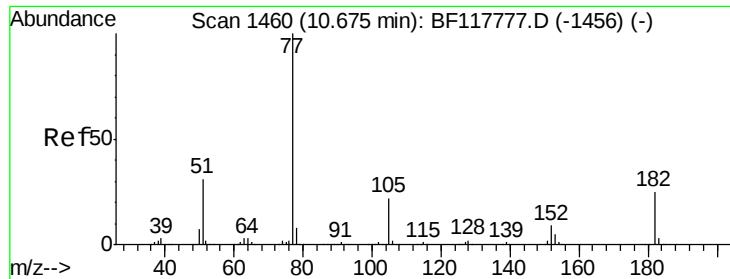
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#62
 4-Nitroaniline
 Concen: 37.328 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion:	138	Resp:	365075
Ion Ratio		Lower	Upper
138	100		
92	47.4	28.3	68.3
108	76.1	54.3	94.3





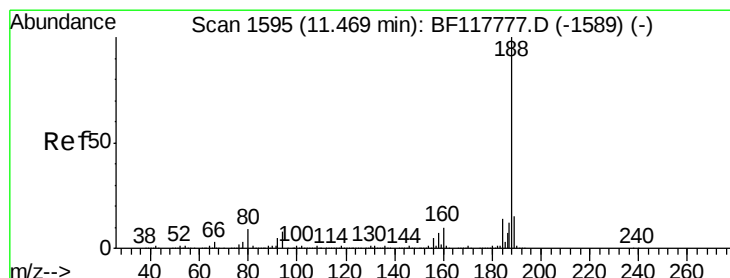
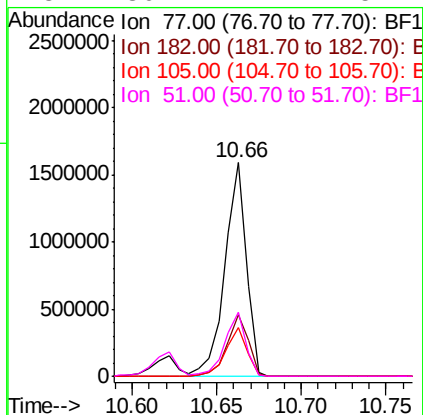
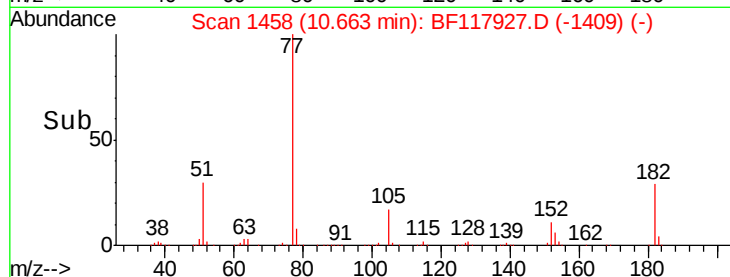
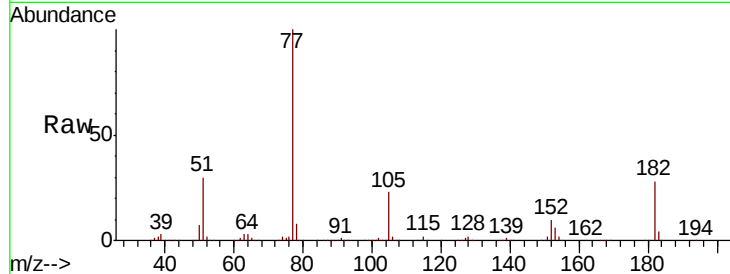
#63
Azobenzene
Concen: 42.073 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	4.8	44.8
105	23.0	2.1	42.1
51	30.2	11.4	51.4

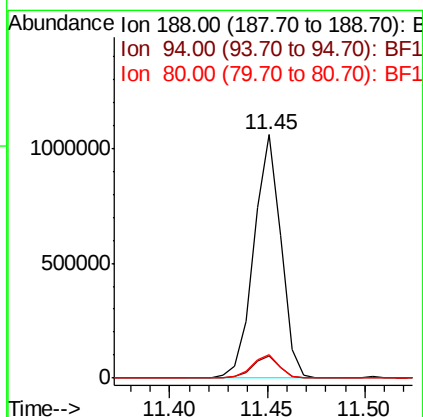
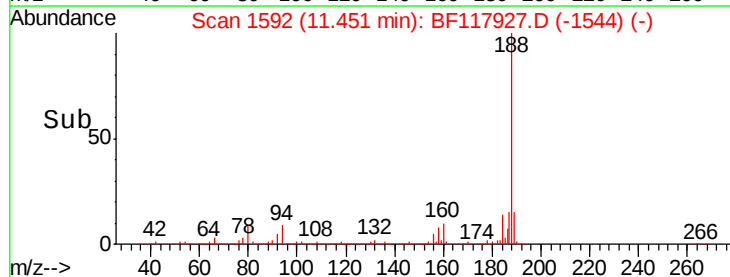
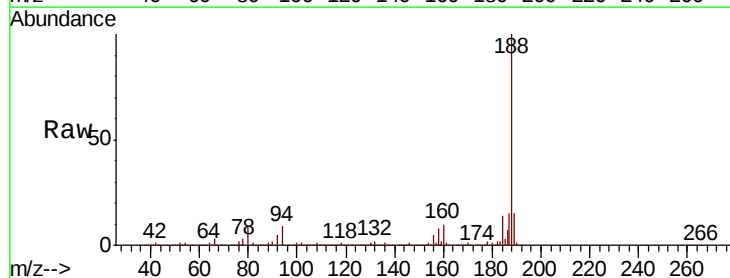
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.4	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 58.557 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

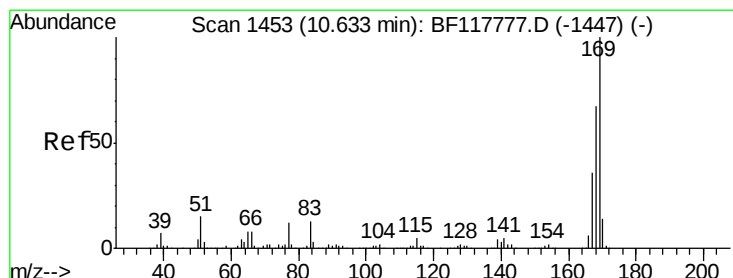
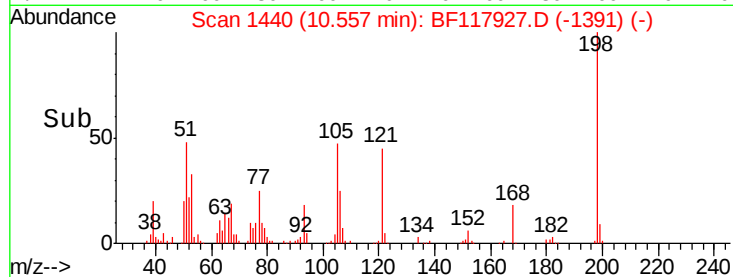
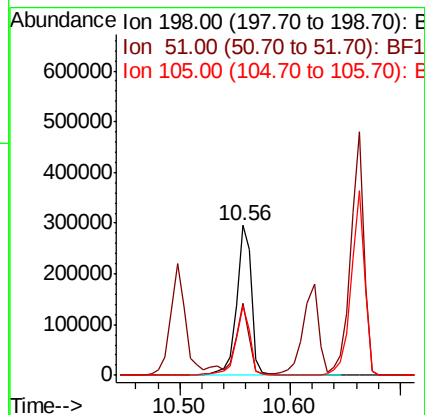
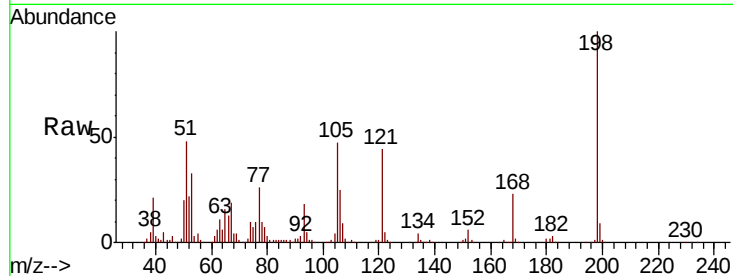
ClientSampleId :

PB124996BS

Tot Ion:	198	Resp:	277577
Ion Ratio	Lower	Upper	
198	100		
51	47.7	16.0	56.0
105	46.6	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 43.077 ng

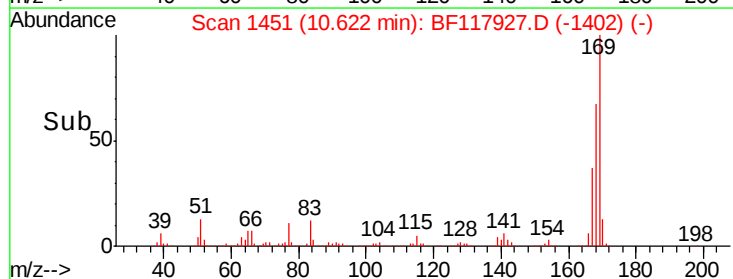
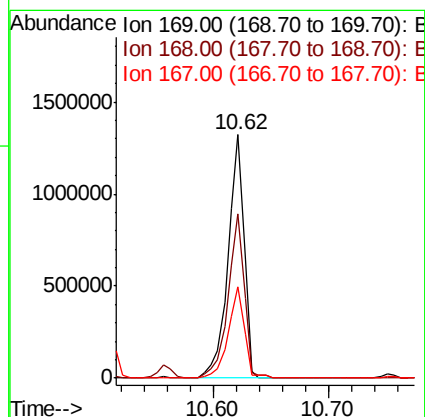
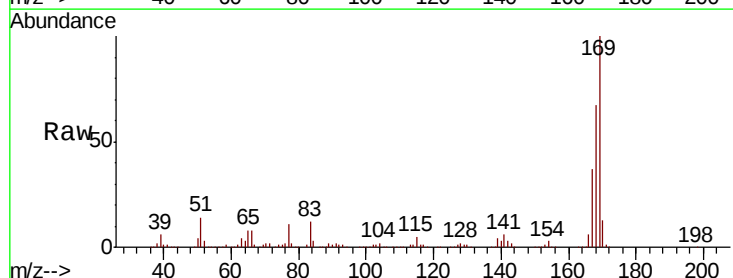
RT: 10.62 min Scan# 1451

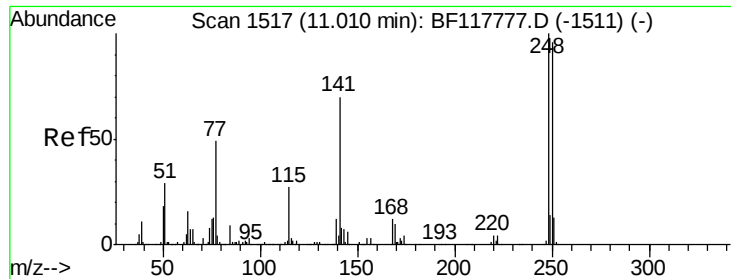
Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:	169	Resp:	1272969
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.5	80.3
167	37.3	29.0	43.4





#67

4-Bromophenyl-phenylether

Concen: 41.537 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

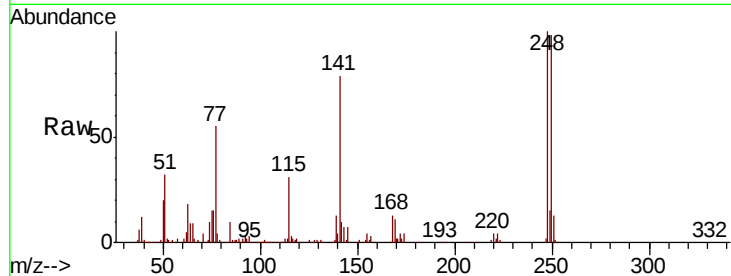
ClientSampleId :

PB124996BS

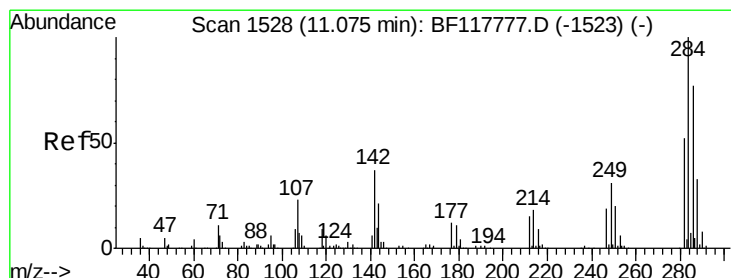
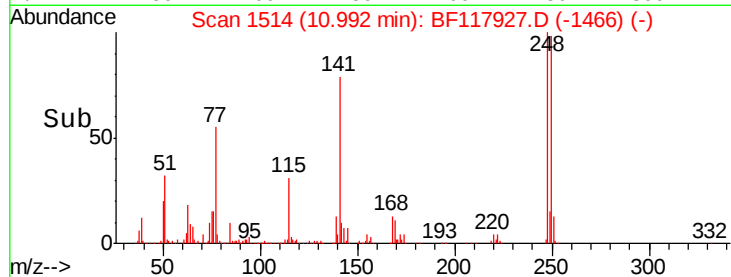
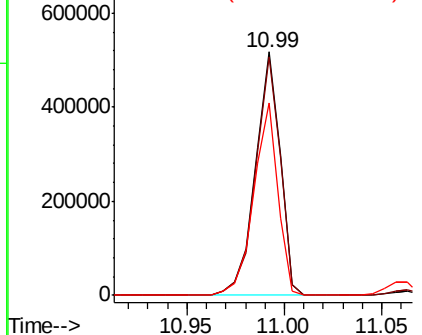
Tot Ion:	248	Resp:	455087
Ion Ratio	Lower	Upper	
248	100		
250	97.8	76.6	115.0
141	79.1	55.9	83.9

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



#68

Hexachlorobenzene

Concen: 40.787 ng

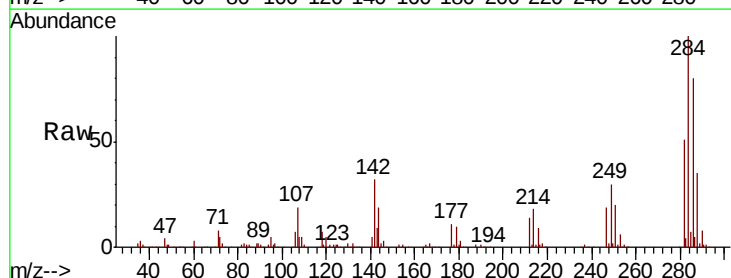
RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

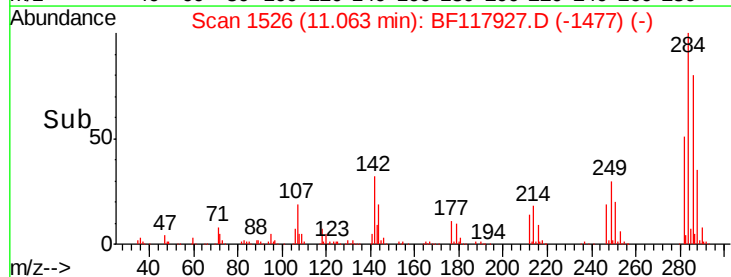
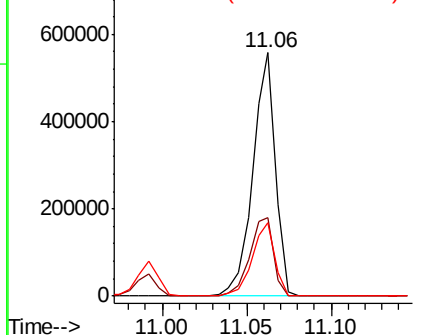
Lab File: BF117927.D

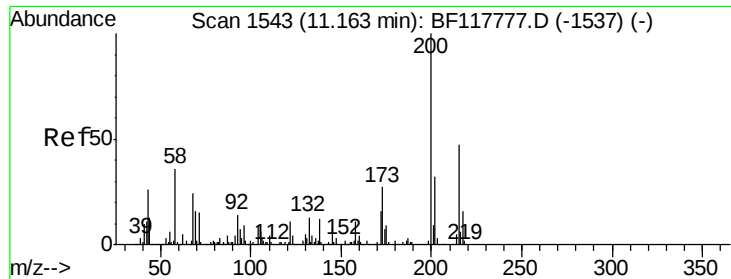
Acq: 22 Nov 2019 19:31

Tgt Ion:	284	Resp:	521069
Ion Ratio	Lower	Upper	
284	100		
142	32.0	29.4	44.2
249	30.2	24.6	37.0



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





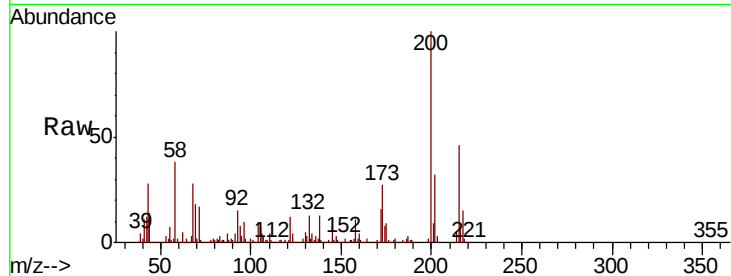
#69
Atrazine
Concen: 44.517 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.7	46.7
215	45.9	27.5	67.5

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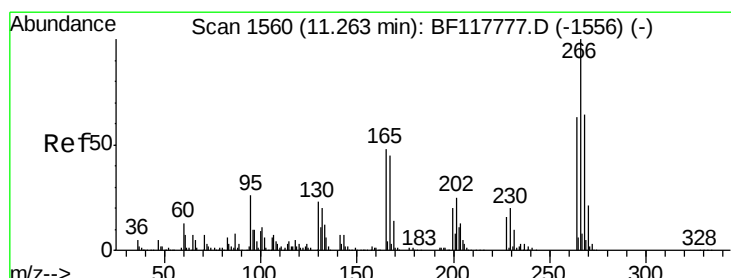
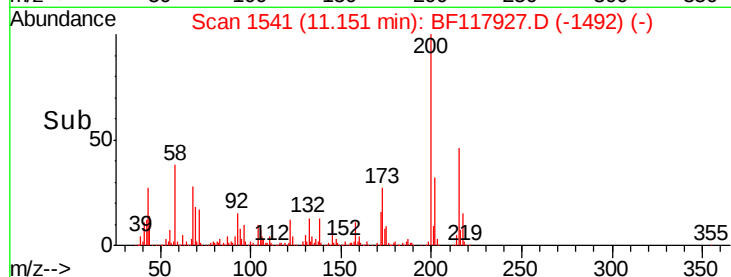
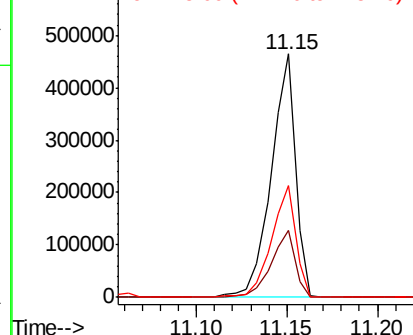


Abundance

Ion 200.00 (199.70 to 200.70): E

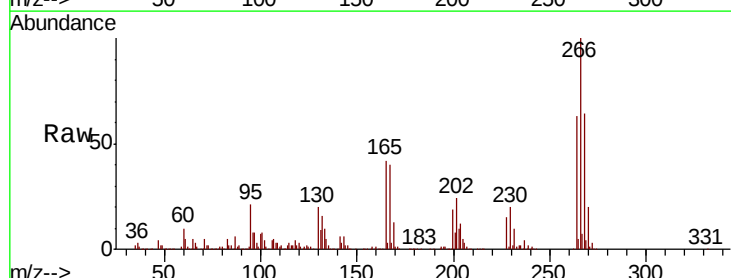
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.258 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.8	76.2
264	63.2	50.7	76.1

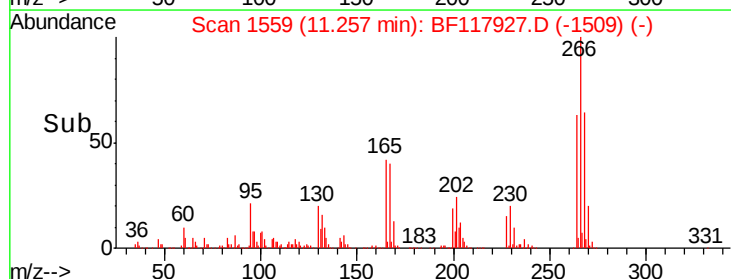
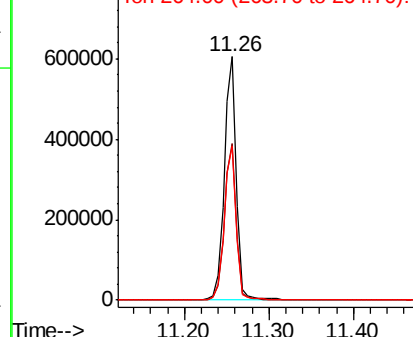


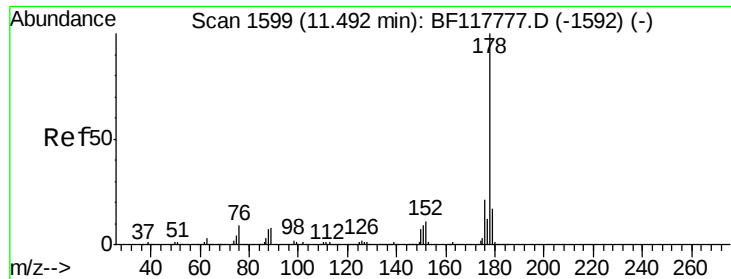
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





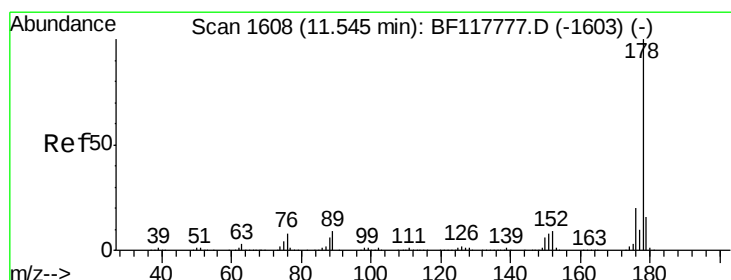
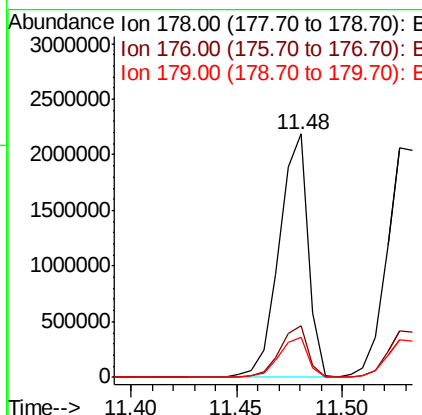
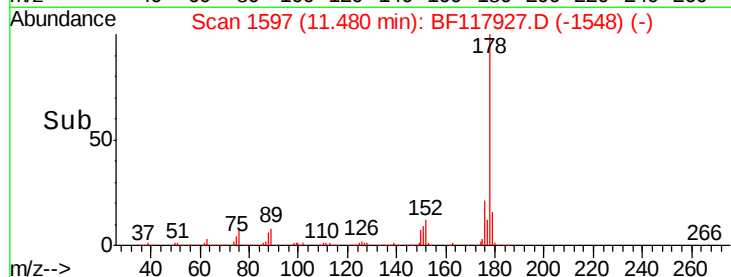
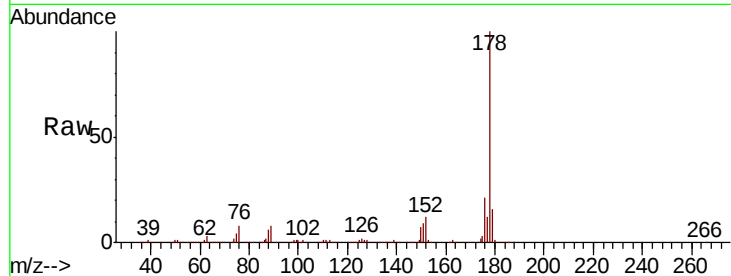
#71
Phenanthrene
Concen: 41.150 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion:178 Resp: 2100773
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 16.3 13.2 19.8

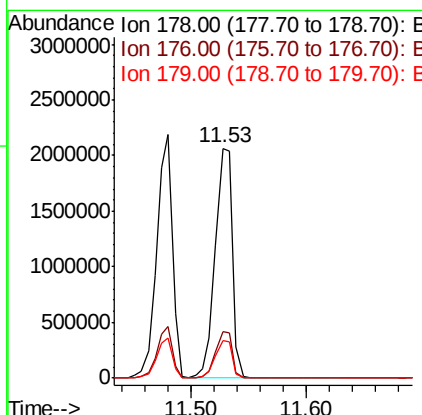
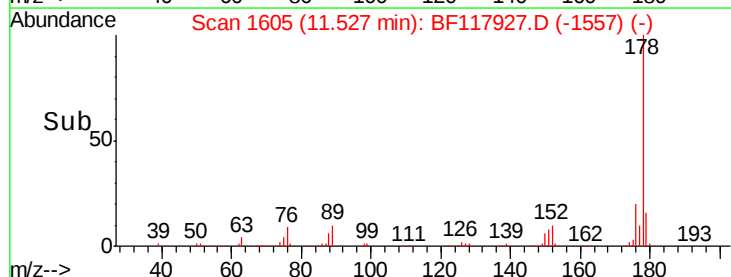
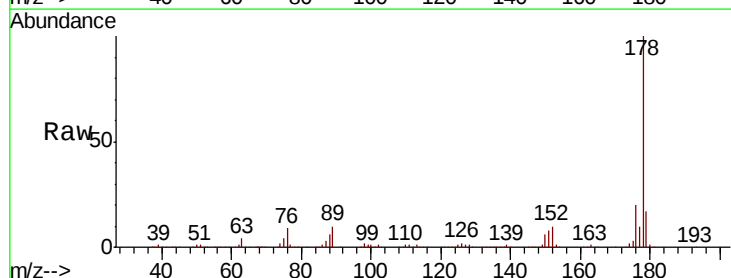
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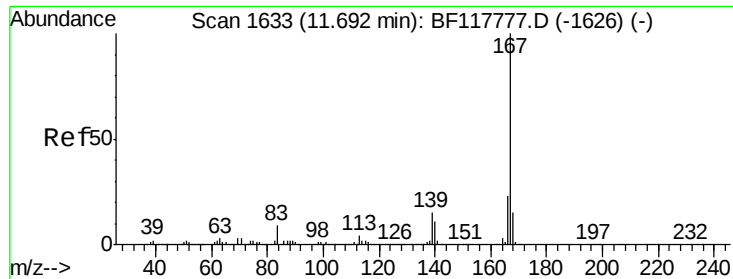
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#72
Anthracene
Concen: 42.356 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion:178 Resp: 2143912
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.5 13.0 19.4





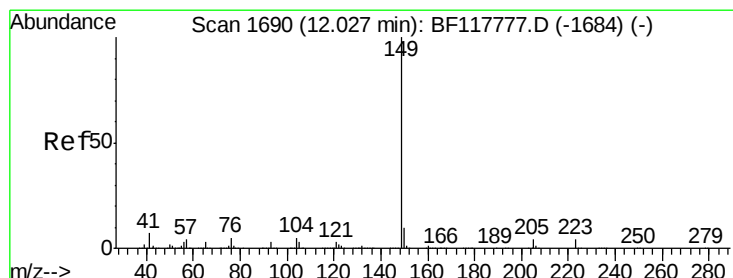
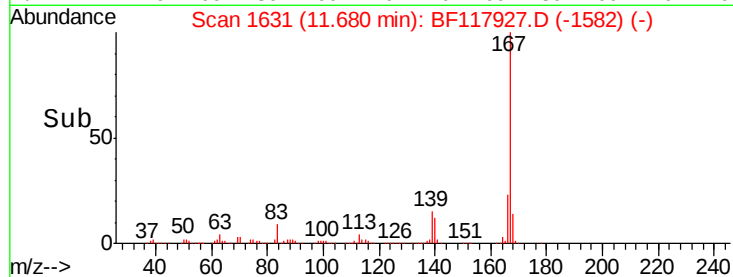
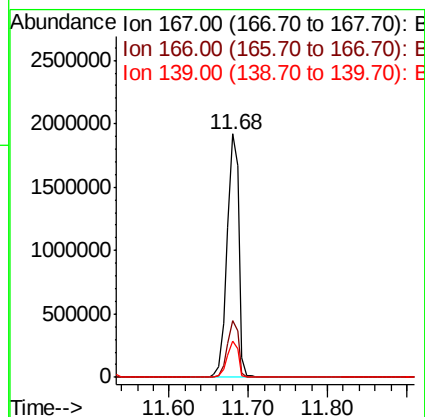
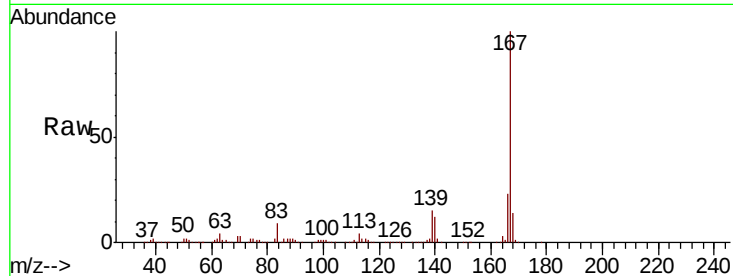
#73
 Carbazole
 Concen: 44.142 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB124996BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.0	27.0
139	14.9	11.7	17.5

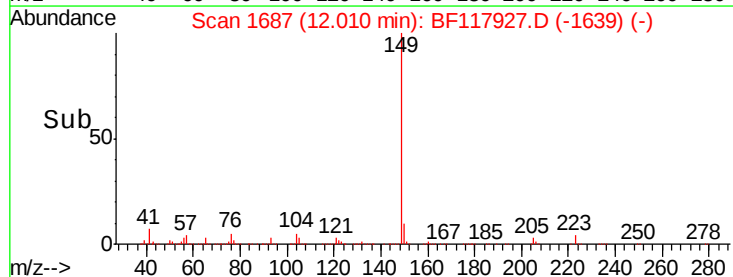
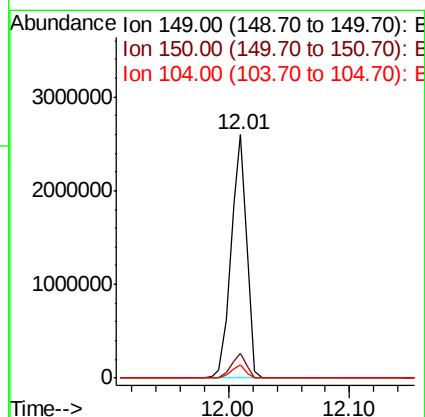
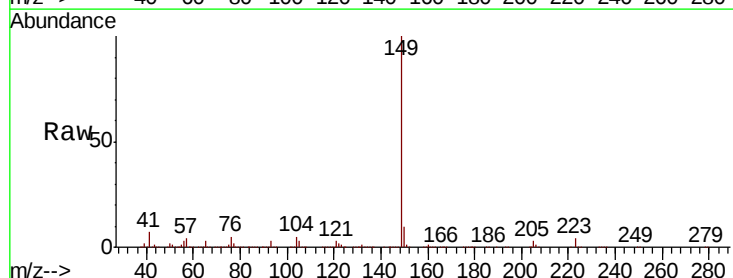
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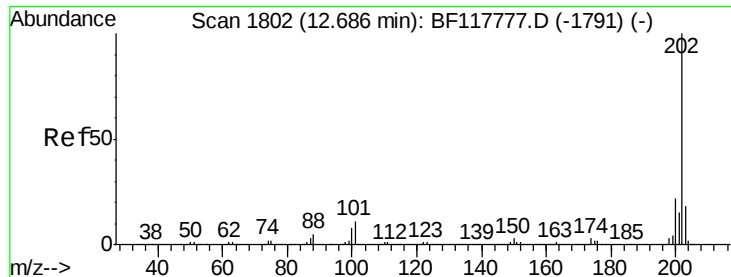
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#74
 Di-n-butylphthalate
 Concen: 41.657 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.9	11.9
104	5.4	4.2	6.4





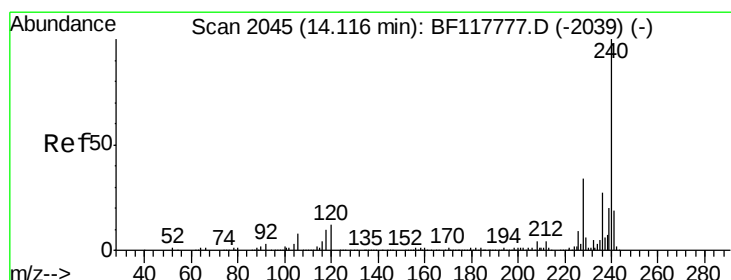
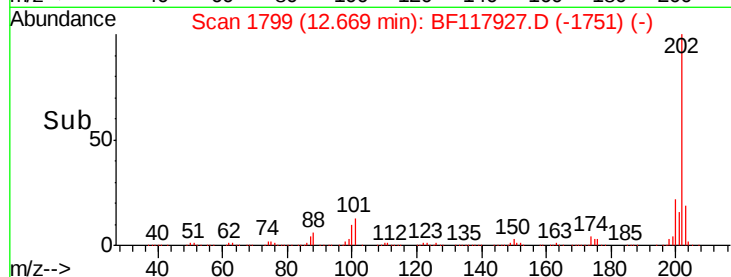
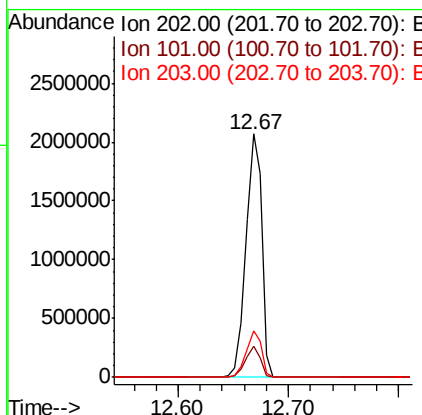
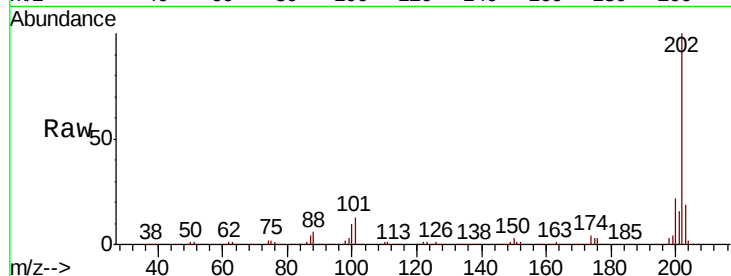
#75
 Fluoranthene
 Concen: 45.041 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleID :
 PB124996BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.1
203	18.9	0.0	38.2

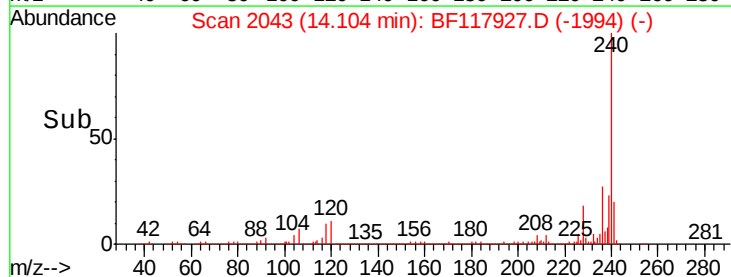
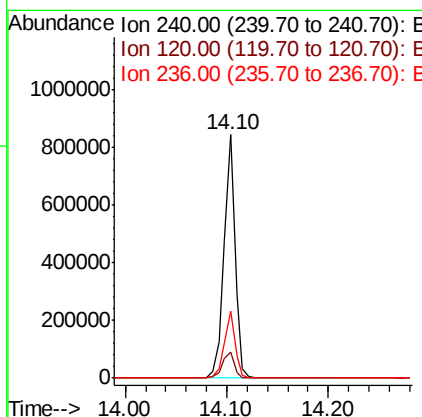
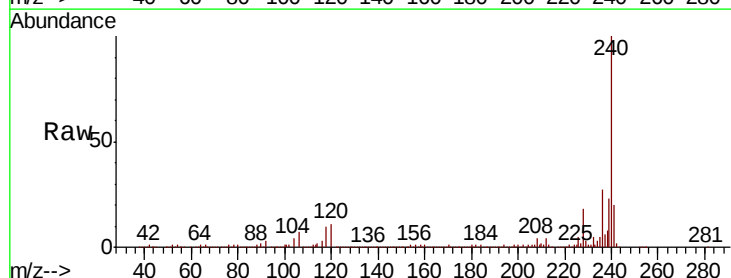
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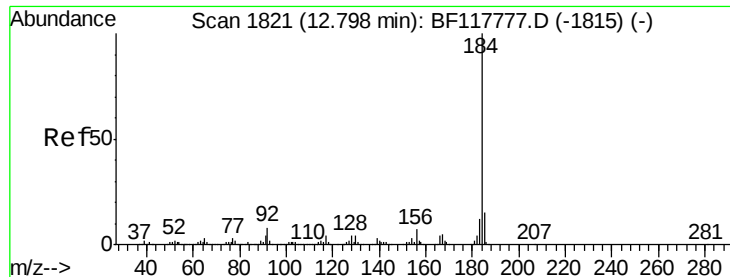
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	27.5	21.3	31.9





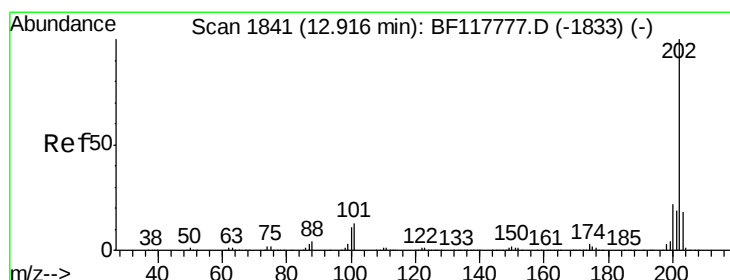
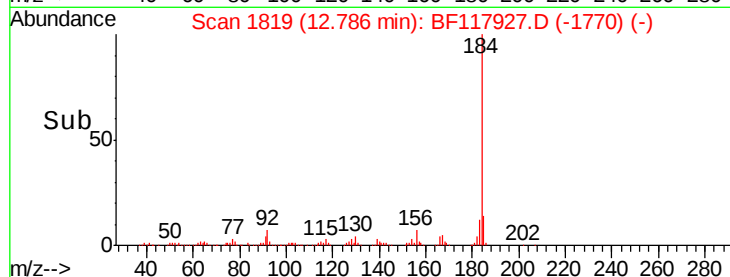
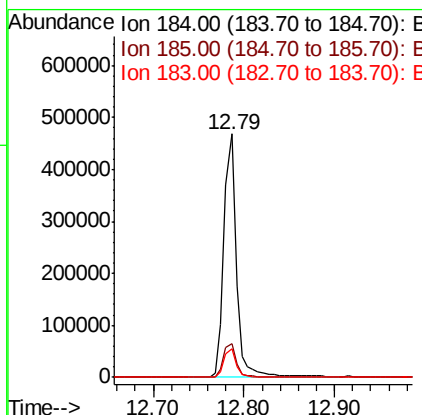
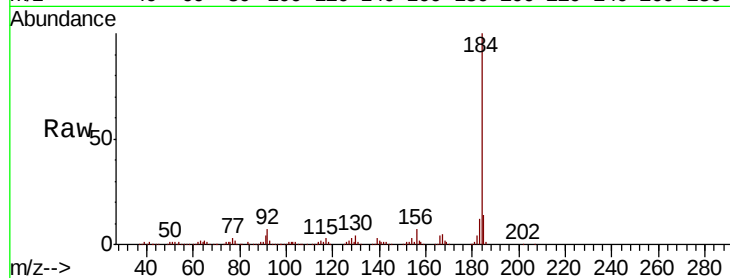
#77
Benzidine
Concen: 21.368 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	13.8	12.2	18.4		
183	11.9	9.5	14.3		

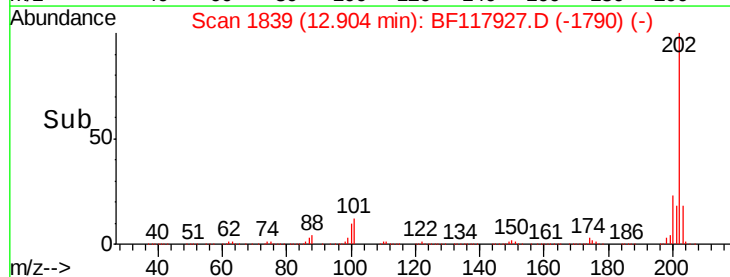
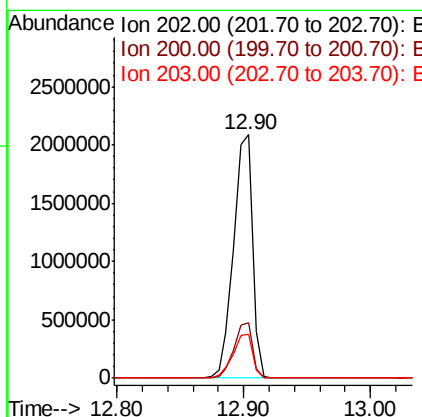
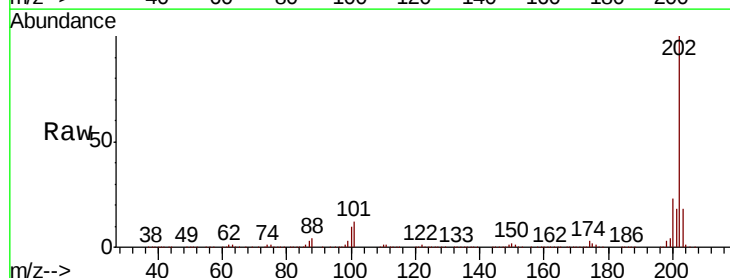
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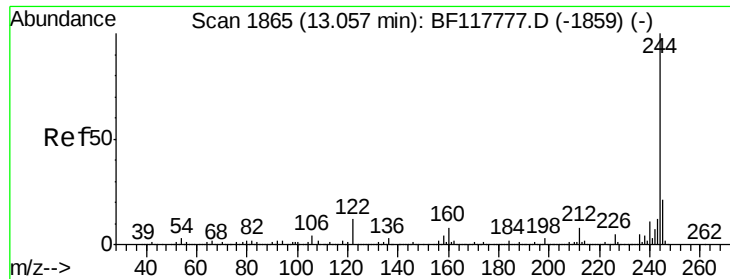
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#78
Pyrene
Concen: 41.604 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.6	17.8	26.8		
203	18.1	14.6	22.0		





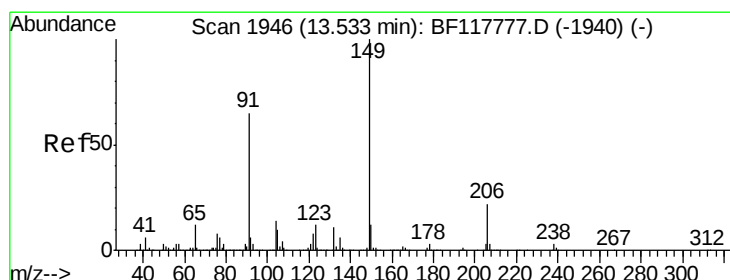
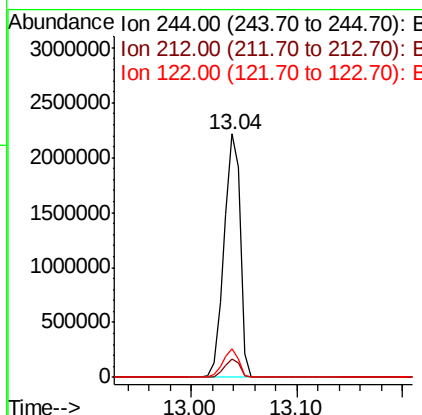
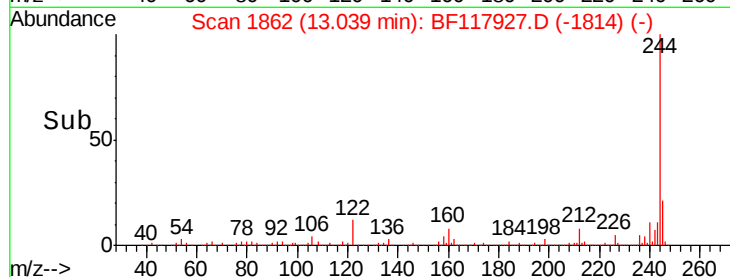
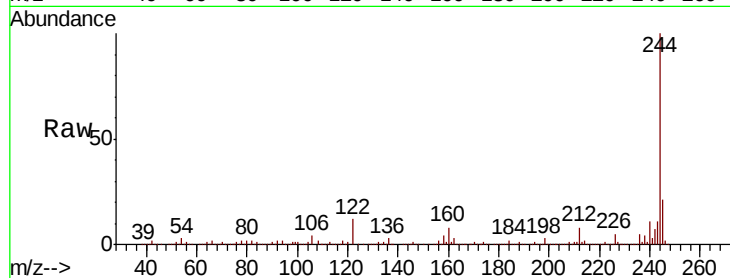
#79
 Terphenyl-d14
 Concen: 67.618 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB124996BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.9	9.4	14.2

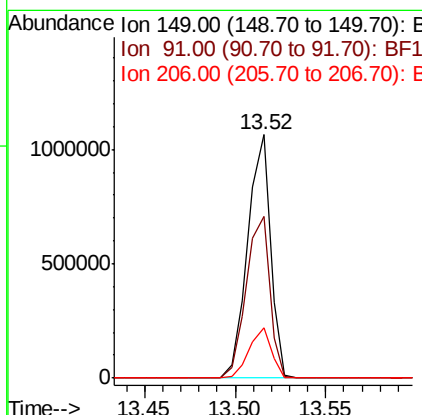
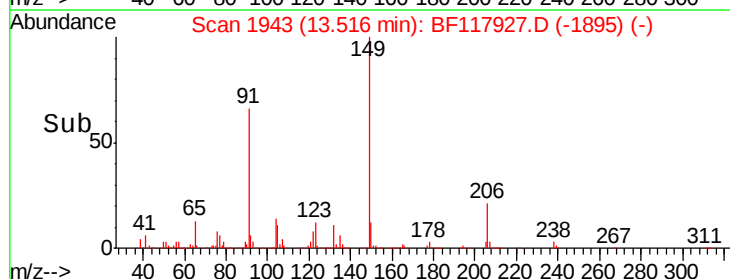
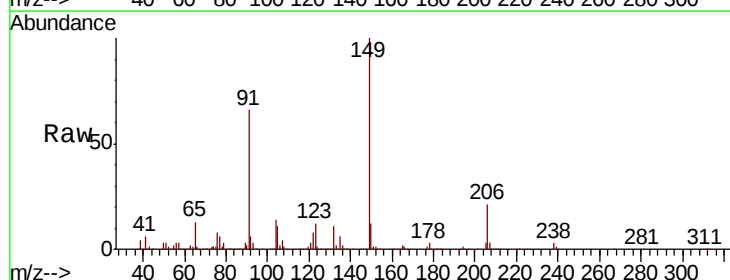
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#80
 Butylbenzylphthalate
 Concen: 42.295 ng
 RT: 13.52 min Scan# 1943
 Delta R.T. -0.02 min
 Lab File: BF117927.D
 Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	51.9	77.9
206	20.7	17.2	25.8





#81

Benzo(a)anthracene

Concen: 41.830 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

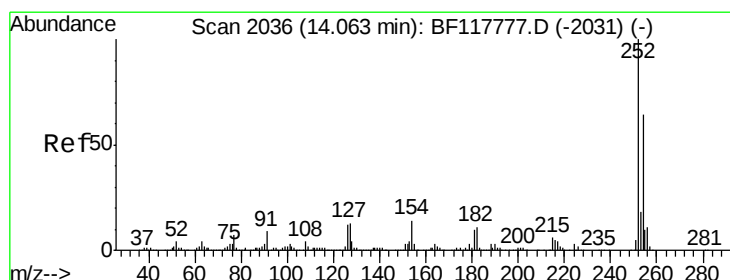
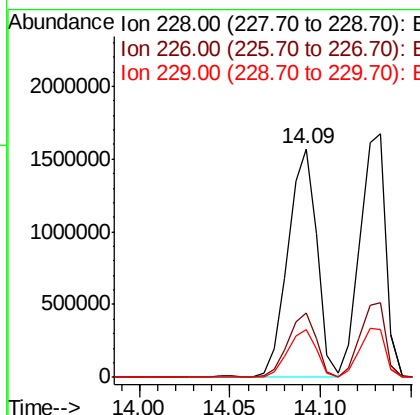
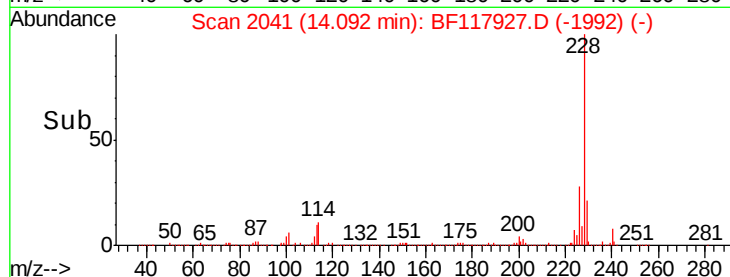
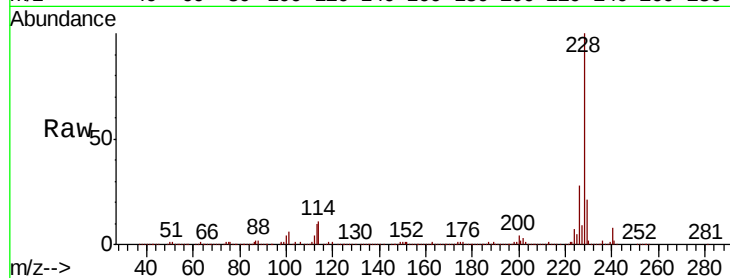
ClientSampleId :

PB124996BS

Tot Ion:	228	Resp:	1763061
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.8	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 36.508 ng

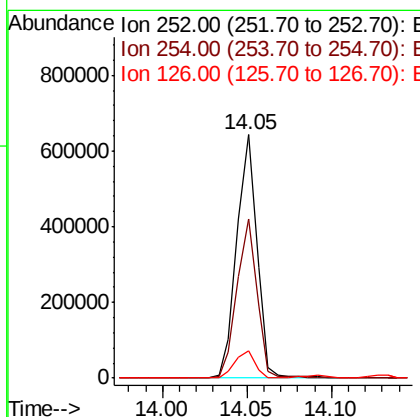
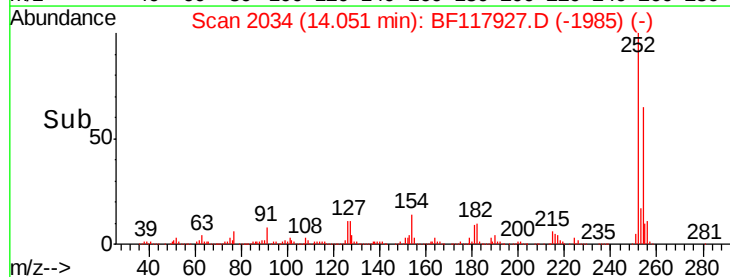
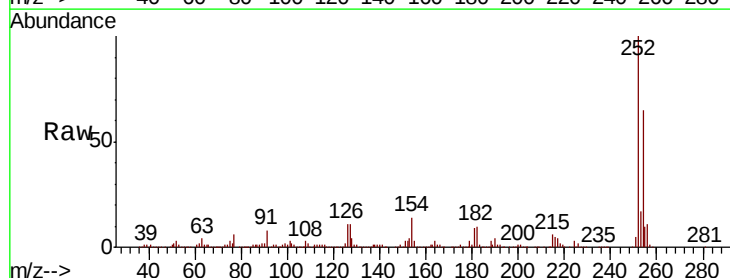
RT: 14.05 min Scan# 2034

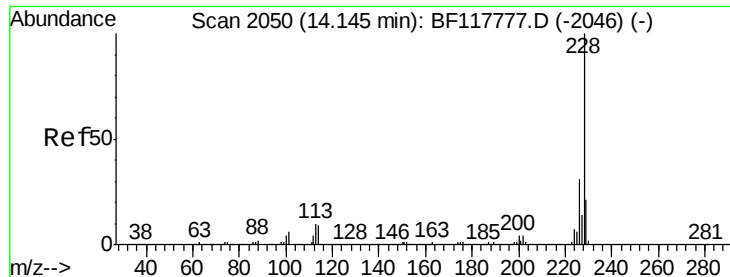
Delta R.T. -0.01 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion:	252	Resp:	538234
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.0	76.6
126	11.1	9.7	14.5





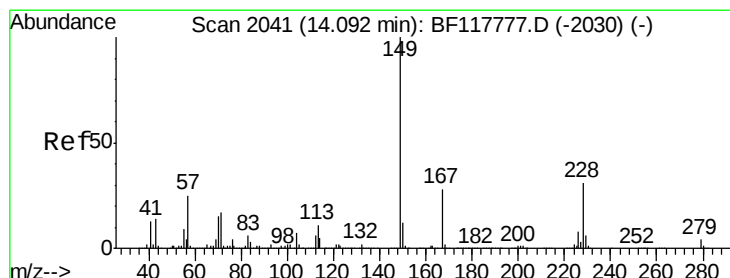
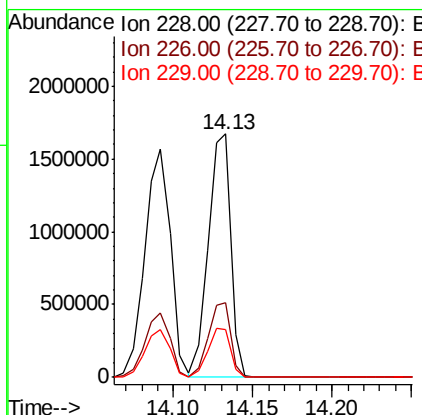
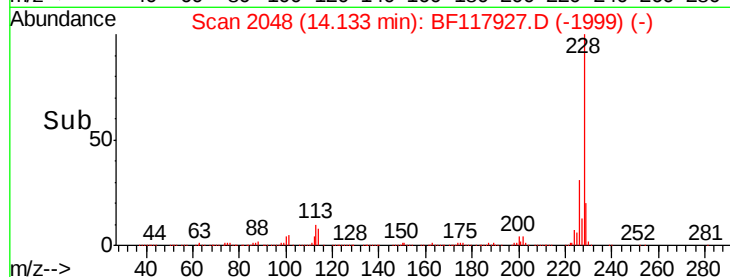
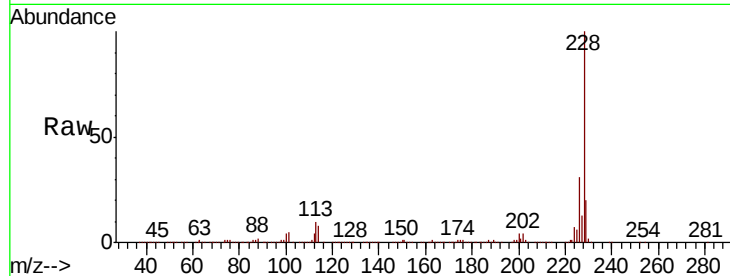
#83
Chrysene
Concen: 40.684 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion:228 Resp: 1661603
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.4
229 19.8 16.6 25.0

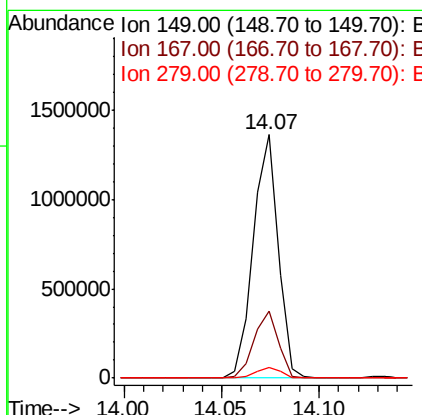
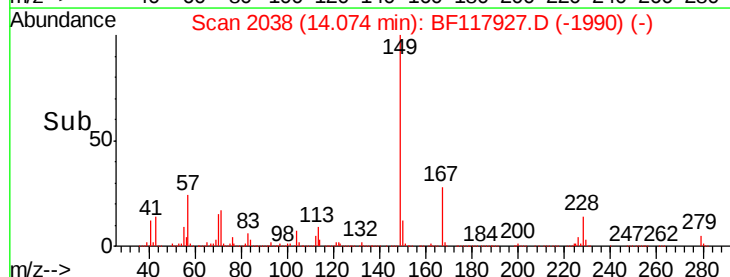
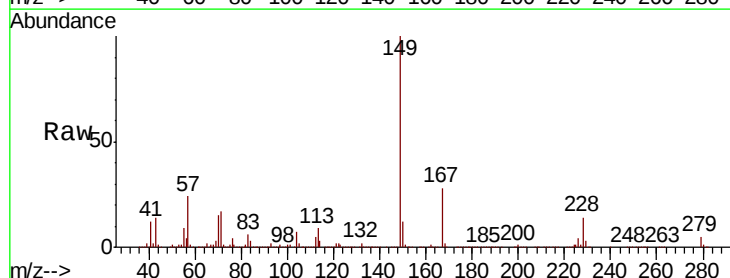
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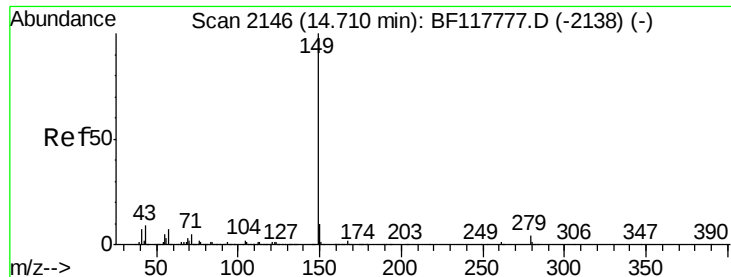
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.834 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion:149 Resp: 1203356
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.205 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

ClientSampleId :

PB124996BS

Tot Ion:149 Resp: 1861334

Ion Ratio Lower Upper

149 100

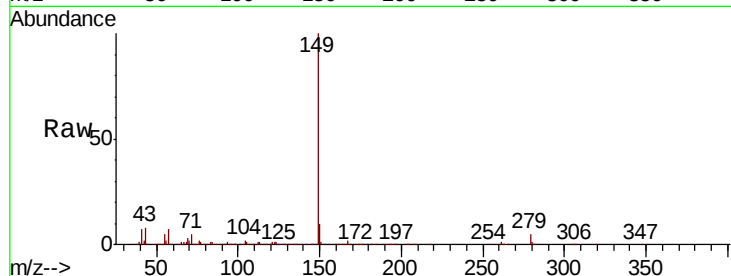
167 1.5 1.2 1.8

43 8.7 7.4 11.2

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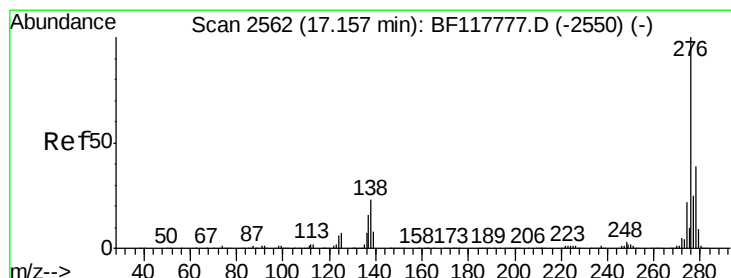
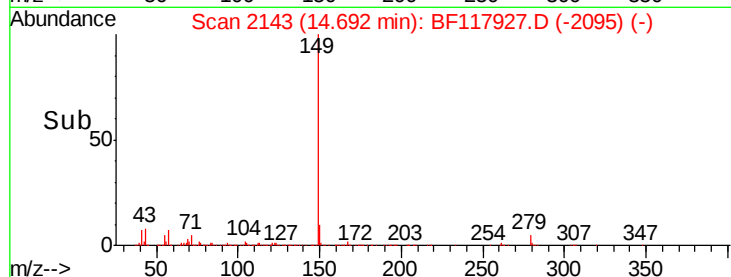
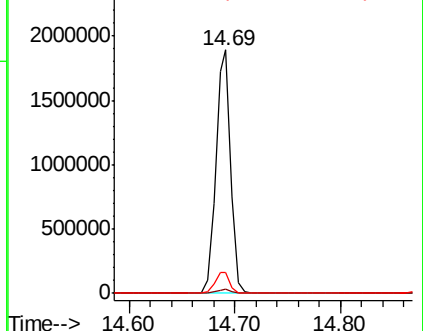
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.523 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

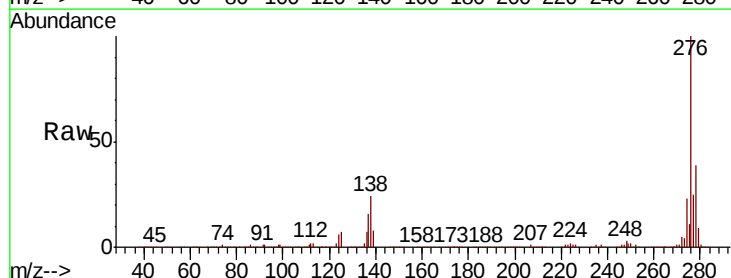
Tgt Ion:276 Resp: 1373828

Ion Ratio Lower Upper

276 100

138 25.2 20.9 31.3

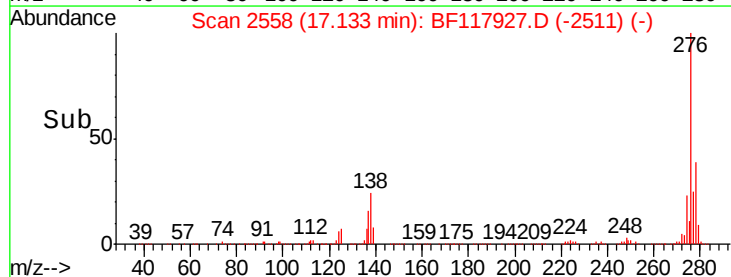
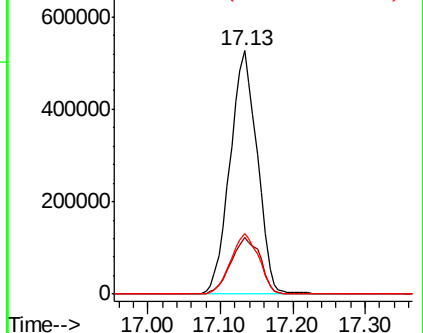
277 25.7 20.3 30.5

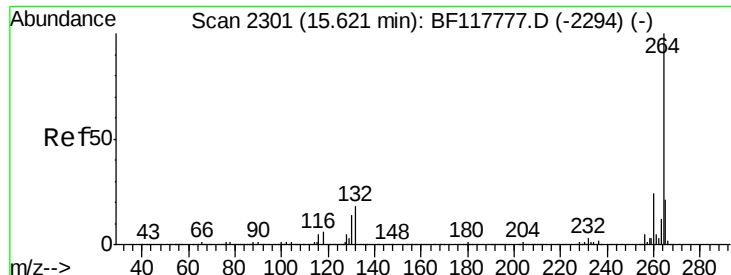


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Instrument :

BNA_F

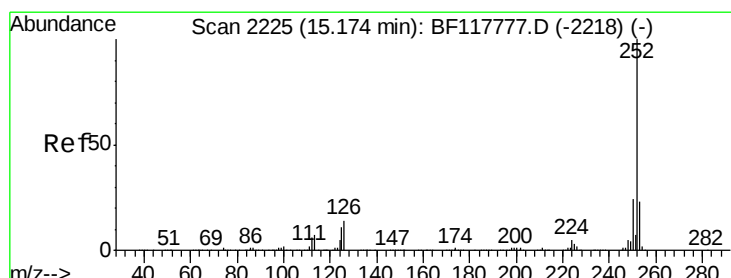
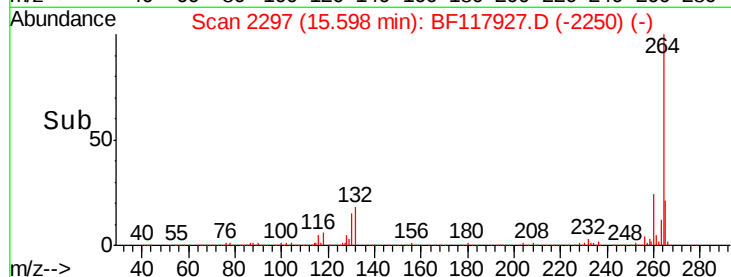
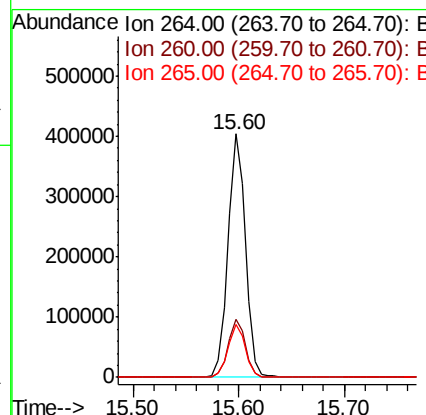
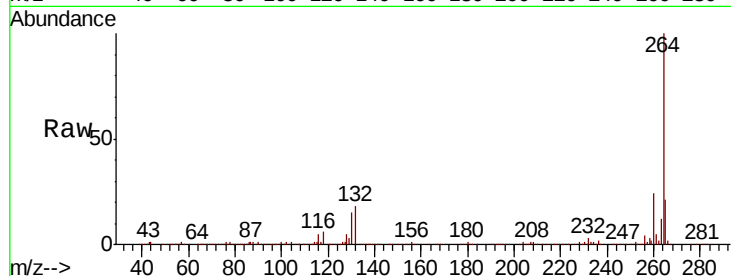
ClientSampleId :

PB124996BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.8	19.4	29.0		
265	21.5	17.1	25.7		

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#88

Benzo(b)fluoranthene

Concen: 51.783 ng

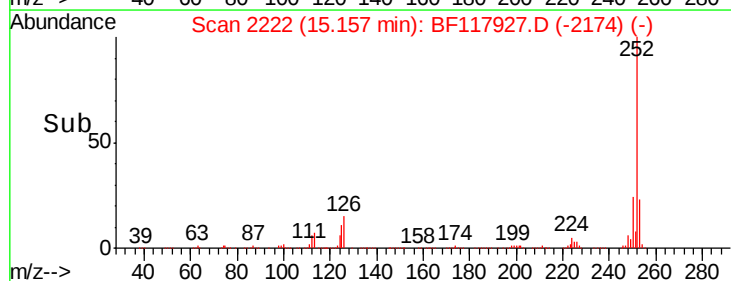
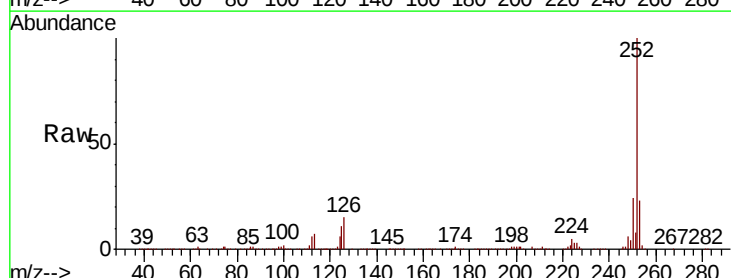
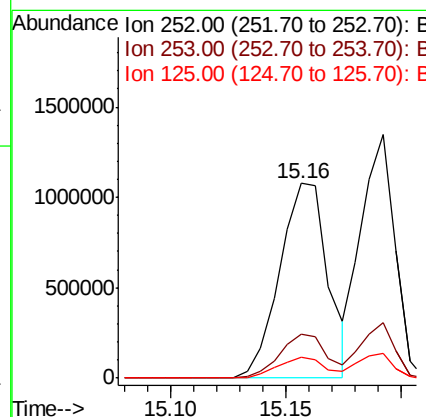
RT: 15.16 min Scan# 2222

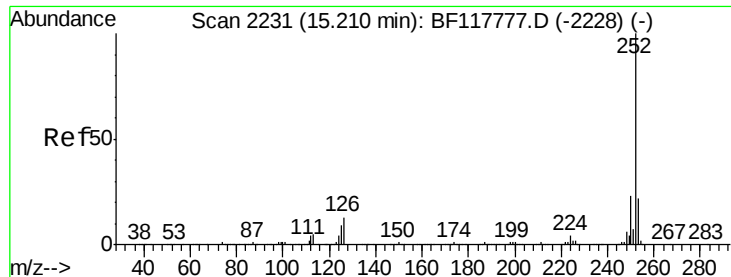
Delta R.T. -0.02 min

Lab File: BF117927.D

Acq: 22 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.7	18.0	27.0		
125	11.0	8.6	13.0		





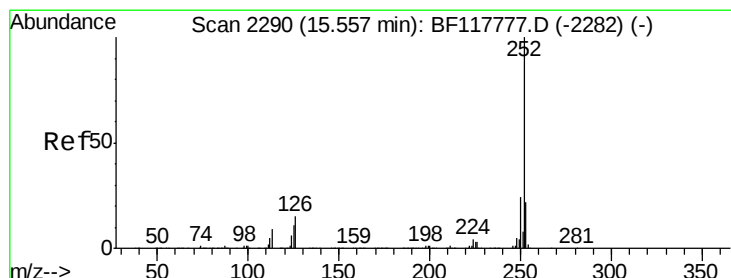
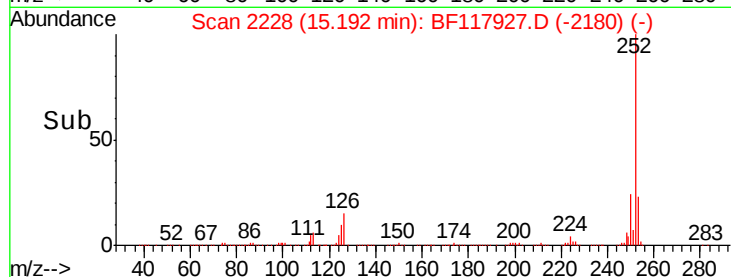
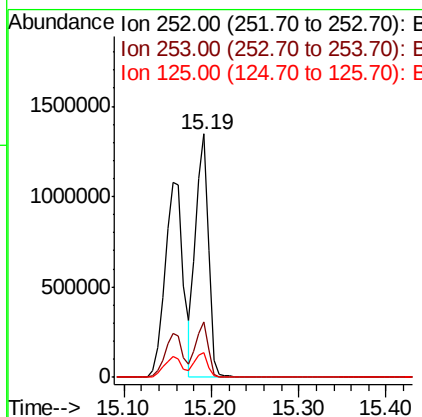
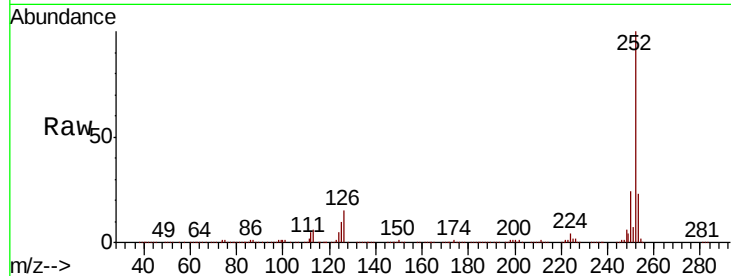
#89
Benzo(k)fluoranthene
Concen: 48.944 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.2	7.9	11.9

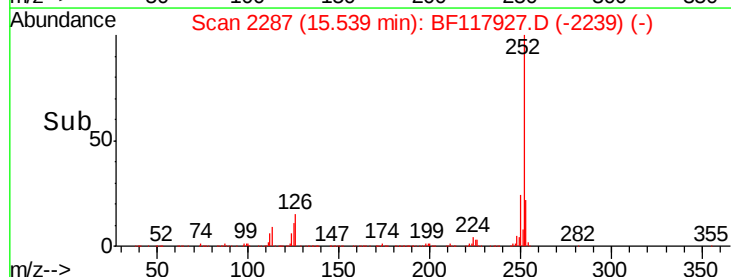
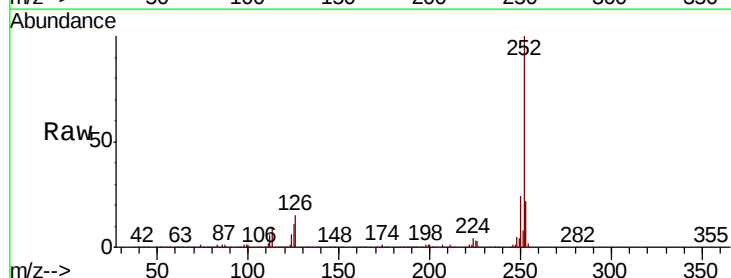
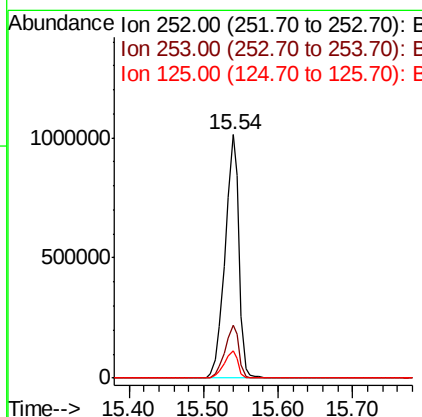
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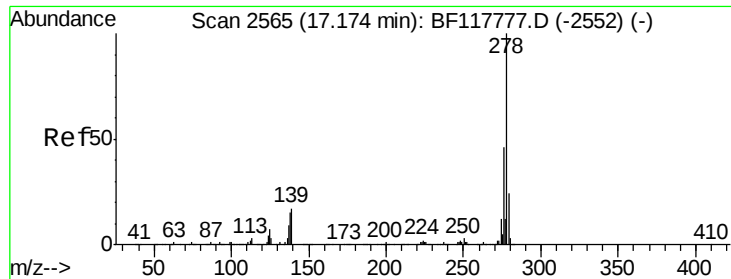
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#90
Benzo(a)pyrene
Concen: 49.620 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.4	9.2	13.8





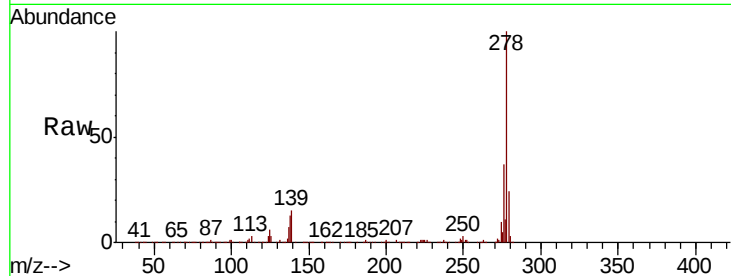
#91
Dibenzo(a,h)anthracene
Concen: 47.840 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PB124996BS

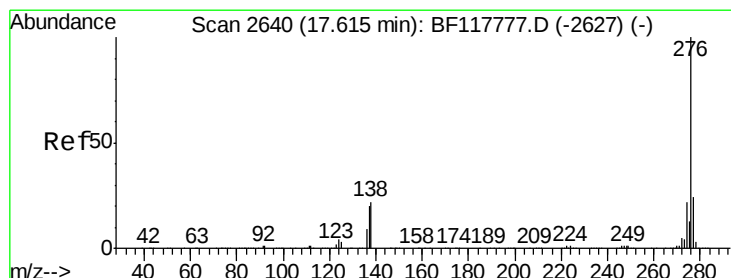
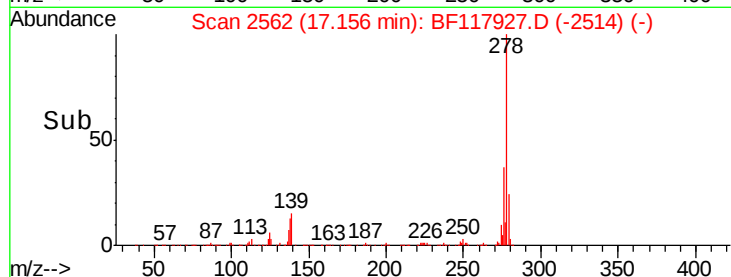
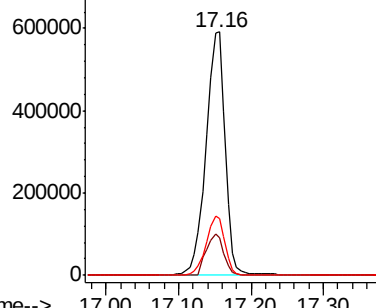
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.8
279	23.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 8:19:31 AM



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: 52.957 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117927.D
Acq: 22 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	20.6	17.4	26.2

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

