

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117829.D
 Acq On : 18 Nov 2019 12:26
 Operator : JU
 Sample : PB124881BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 15:18:02 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	6.92	152	240380	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	977714	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	515211	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	969348	20.00	ng	0.00
76) Chrysene-d12	14.12	240	695227	20.00	ng	0.00
87) Perylene-d12	15.62	264	591035	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1673583	123.24	ng	0.01
7) Phenol-d6	6.55	99	2054265	125.42	ng	0.00
23) Nitrobenzene-d5	7.49	82	1093289	66.47	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	657529	120.55	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2117359	73.73	ng	0.00
79) Terphenyl-d14	13.05	244	2339126	61.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	261933	41.264	ng	99
3) Pyridine	3.58	79	642223	38.569	ng	99
4) n-Nitrosodimethylamine	3.53	42	323465	44.501	ng	99
6) Aniline	6.58	93	710799	32.839	ng	99
8) 2-Chlorophenol	6.71	128	695529	47.201	ng	97
9) Benzaldehyde	6.47	77	346909	30.490	ng	98
10) Phenol	6.56	94	804060	47.240	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	619970	45.358	ng	97
12) 1,3-Dichlorobenzene	6.86	146	770011	44.386	ng	98
13) 1,4-Dichlorobenzene	6.94	146	785557	44.798	ng	99
14) 1,2-Dichlorobenzene	7.09	146	740268	44.141	ng	100
15) Benzyl Alcohol	7.06	79	616640	48.762	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	889138	42.251	ng	99
17) 2-Methylphenol	7.17	107	587350	47.068	ng	98
18) Hexachloroethane	7.44	117	287250	44.592	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	457507	45.276	ng	99
20) 3+4-Methylphenols	7.32	107	722466	46.640	ng	# 86
22) Acetophenone	7.33	105	942516	42.907	ng	98
24) Nitrobenzene	7.50	77	741009	43.673	ng	100
25) Isophorone	7.75	82	1286146	42.665	ng	99
26) 2-Nitrophenol	7.82	139	392134	47.482	ng	99
27) 2,4-Dimethylphenol	7.85	122	660114	51.440	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	777365	40.637	ng	99
29) 2,4-Dichlorophenol	8.06	162	604292	43.412	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	662991	41.062	ng	99
31) Naphthalene	8.23	128	2016887	44.249	ng	99
32) Benzoic acid	7.97	122	502237	46.742	ng	98
33) 4-Chloroaniline	8.27	127	469081	22.988	ng	98
34) Hexachlorobutadiene	8.35	225	372322	39.440	ng	99
35) Caprolactam	8.64	113	110468	24.970	ng	96
36) 4-Chloro-3-methylphenol	8.76	107	629711	44.576	ng	100
37) 2-Methylnaphthalene	8.93	142	1369902	44.482	ng	98
38) 1-Methylnaphthalene	9.03	142	1294274	44.453	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	605131	40.444	ng	99

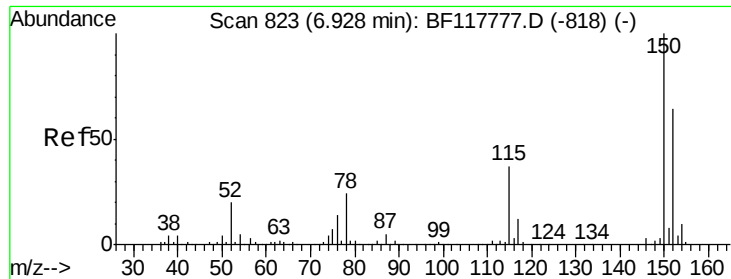
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117829.D
 Acq On : 18 Nov 2019 12:26
 Operator : JU
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 ALS Vial : 4 Sample Multiplier: 1

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 ClientSampleId :

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 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)
41) Hexachlorocyclopentadiene	9.08	237	724624	86.421	ng	99
43) 2,4,6-Trichlorophenol	9.20	196	453637	42.329	ng	98
44) 2,4,5-Trichlorophenol	9.24	196	477518	42.915	ng	98
46) 1,1'-Biphenyl	9.39	154	1622814	42.455	ng	98
47) 2-Chloronaphthalene	9.42	162	1296018	41.215	ng	99
48) 2-Nitroaniline	9.51	65	401762	42.320	ng	94
49) Acenaphthylene	9.83	152	2023612	44.140	ng	100
50) Dimethylphthalate	9.69	163	1483561	41.063	ng	99
51) 2,6-Dinitrotoluene	9.75	165	351211	44.479	ng	91
52) Acenaphthene	10.01	154	1371711	46.707	ng	97
53) 3-Nitroaniline	9.92	138	266369	28.192	ng	93
54) 2,4-Dinitrophenol	10.03	184	347169	85.067	ng	98
55) Dibenzofuran	10.18	168	1774437	43.632	ng	99
56) 4-Nitrophenol	10.08	139	647993	91.881	ng	92
57) 2,4-Dinitrotoluene	10.16	165	463866	46.182	ng	96
58) Fluorene	10.52	166	1341366	42.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	398412	43.578	ng	100
60) Diethylphthalate	10.39	149	1436133	40.772	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	667321	41.725	ng	96
62) 4-Nitroaniline	10.54	138	376384	39.786	ng	98
63) Azobenzene	10.67	77	1356199	42.322	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	235505	52.042	ng	83
66) n-Nitrosodiphenylamine	10.63	169	1217038	43.141	ng	99
67) 4-Bromophenyl-phenylether	11.00	248	425978	40.728	ng	94
68) Hexachlorobenzene	11.07	284	493951	40.502	ng	96
69) Atrazine	11.16	200	421764	45.449	ng	99
70) Pentachlorophenol	11.27	266	601067	84.358	ng	99
71) Phenanthrene	11.49	178	2054360	42.153	ng	100
72) Anthracene	11.55	178	2110193	43.671	ng	99
73) Carbazole	11.69	167	1904418	45.102	ng	99
74) Di-n-butylphthalate	12.03	149	2116062	40.250	ng	99
75) Fluoranthene	12.68	202	2140776	48.887	ng	97
77) Benzidine	12.80	184	490629	21.545	ng	98
78) Pyrene	12.92	202	2177384	38.754	ng	99
80) Butylbenzylphthalate	13.53	149	922974	38.248	ng	94
81) Benzo(a)anthracene	14.10	228	1873378	40.777	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	575574	35.816	ng	98
83) Chrysene	14.14	228	1805839	40.565	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1167111	39.893	ng	100
85) Di-n-octyl phthalate	14.71	149	1896272	44.120	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1529942	40.380	ng	100
88) Benzo(b)fluoranthene	15.17	252	1726657	44.965	ng	99
89) Benzo(k)fluoranthene	15.21	252	1572687	43.467	ng	98
90) Benzo(a)pyrene	15.56	252	1429363	42.331	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	1274092	43.838	ng	98
92) Benzo(g,h,i)perylene	17.62	276	1286792	44.452	ng	99

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

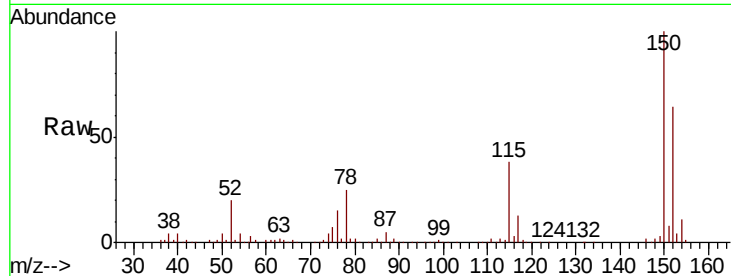


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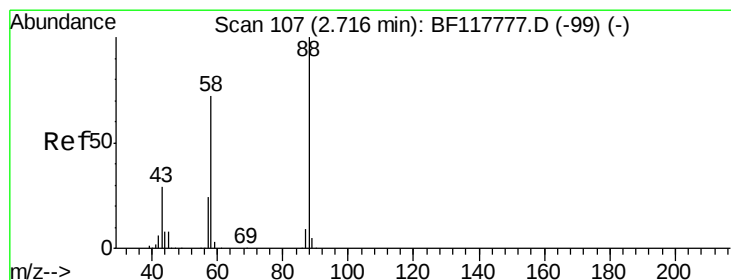
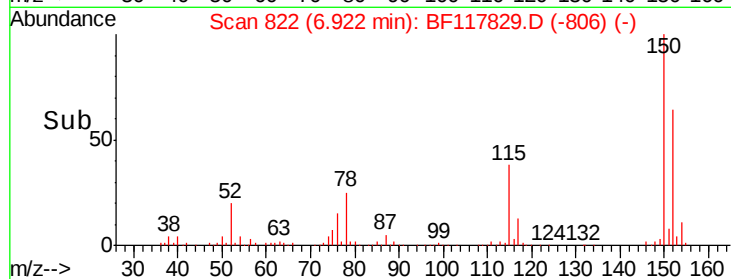
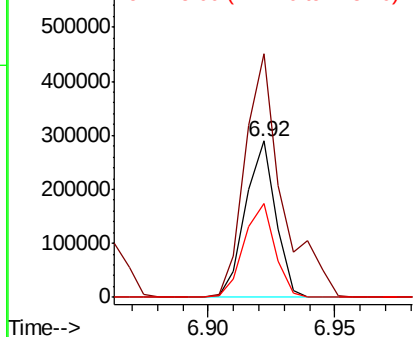
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 240380
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 59.8 47.0 70.4



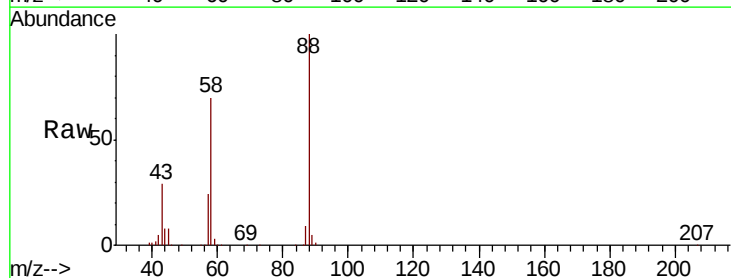
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



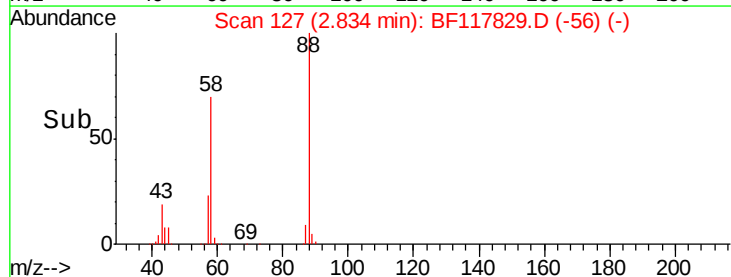
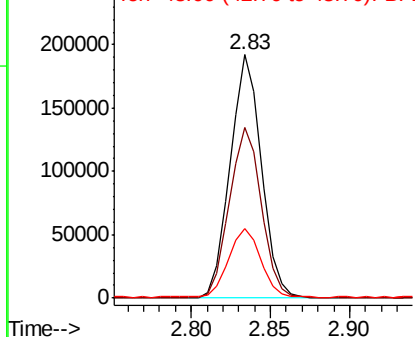
#2

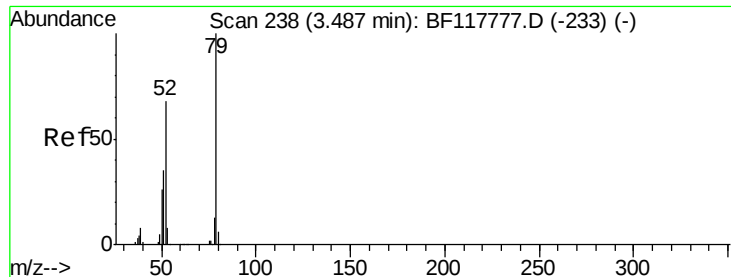
1,4-Dioxane
Concen: 41.264 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.12 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion: 88 Resp: 261933
Ion Ratio Lower Upper
88 100
58 72.1 58.2 87.2
43 29.2 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: 38.569 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.09 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

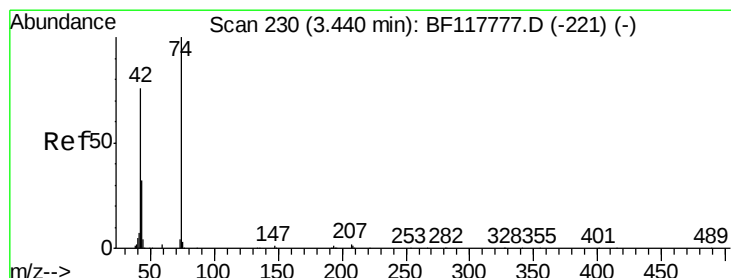
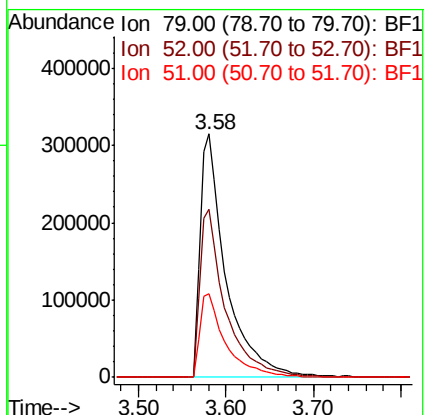
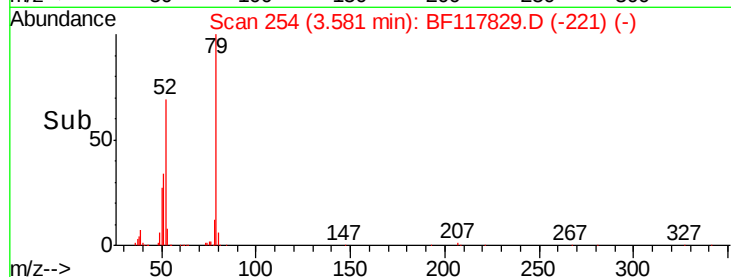
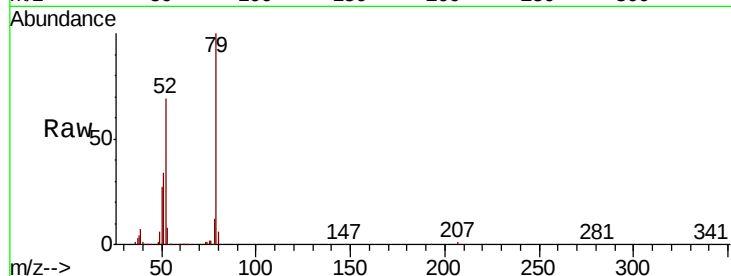
Tot Ion: 79 Resp: 642223

Ion Ratio Lower Upper

79 100

52 68.8 54.8 82.2

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 44.501 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.09 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

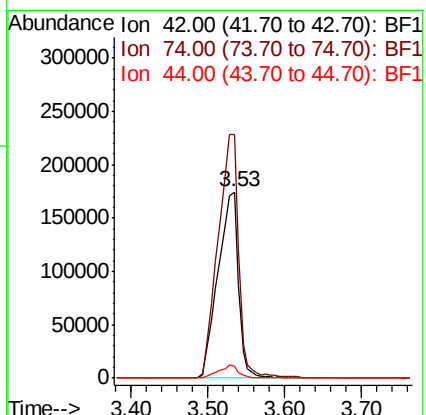
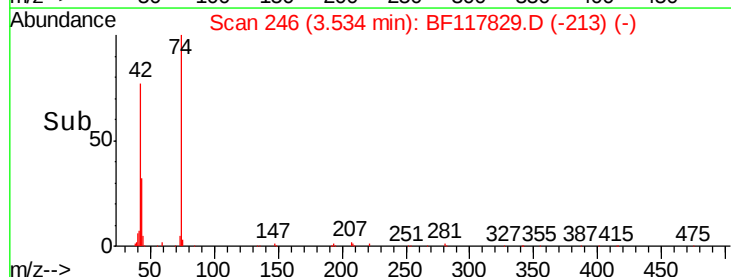
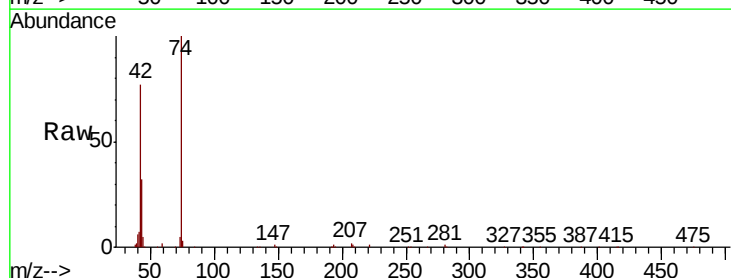
Tgt Ion: 42 Resp: 323465

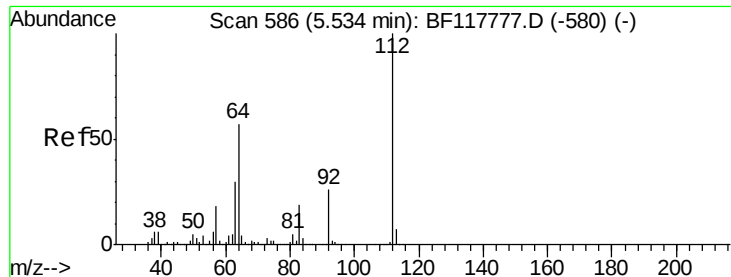
Ion Ratio Lower Upper

42 100

74 130.5 105.1 157.7

44 6.6 4.6 7.0





#5

2-Fluorophenol

Concen: 123.239 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

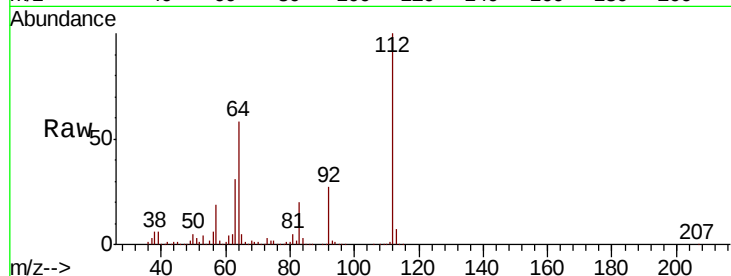
Tot Ion:112 Resp: 1673583

Ion Ratio Lower Upper

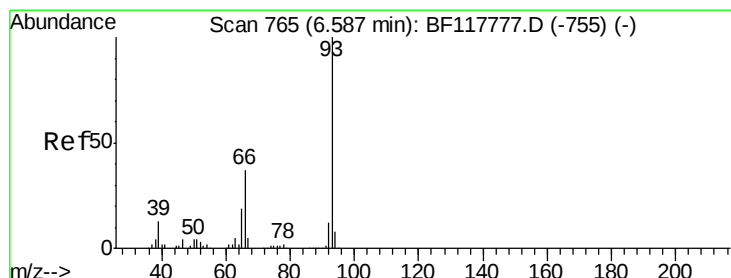
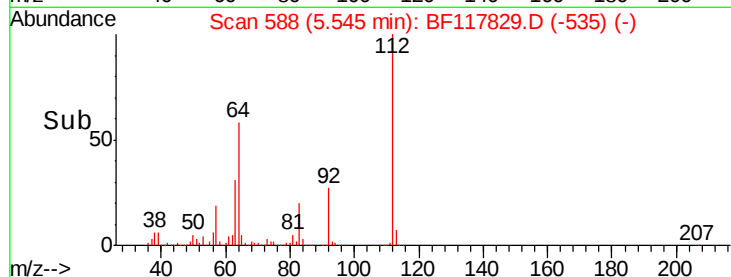
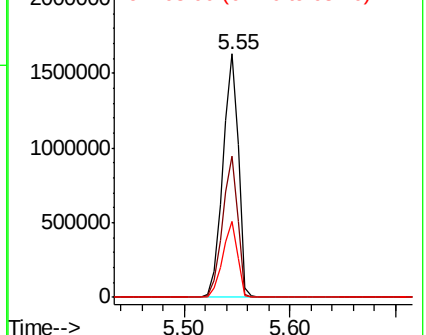
112 100

64 57.7 45.6 68.4

63 31.2 24.1 36.1



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: 32.839 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

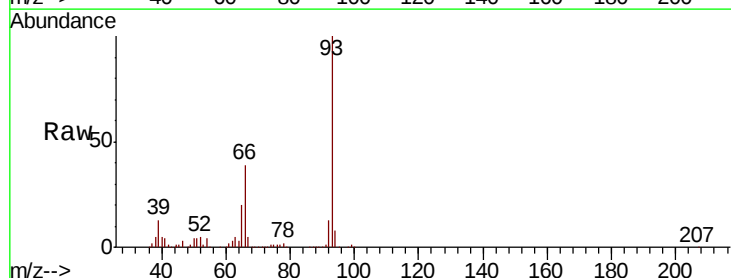
Tgt Ion: 93 Resp: 710799

Ion Ratio Lower Upper

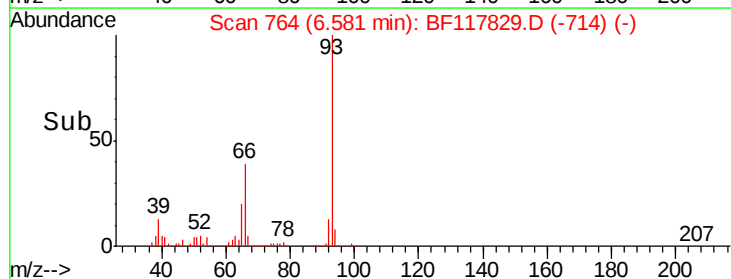
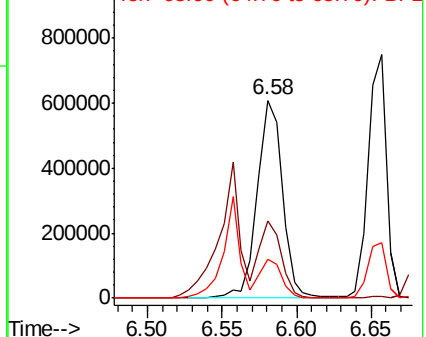
93 100

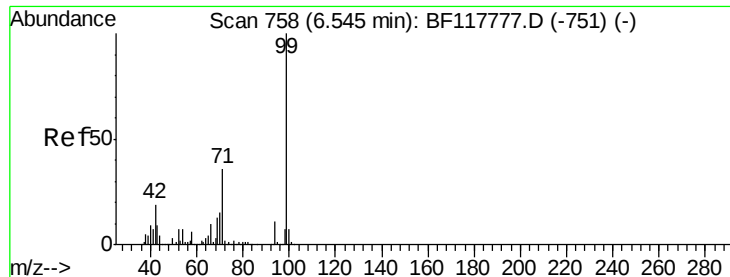
66 39.1 30.6 45.8

65 19.6 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: 125.416 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

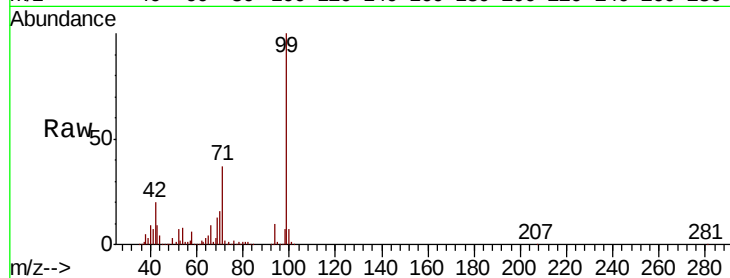
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2054265

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	37.0	28.6	43.0



Abundance

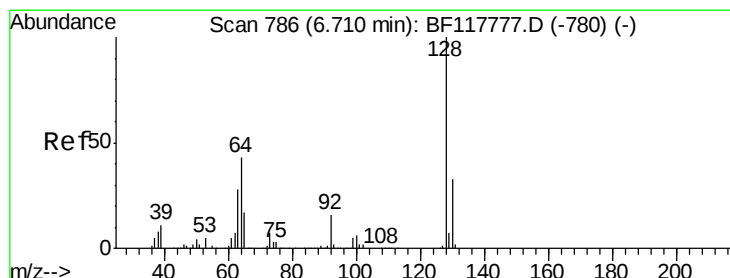
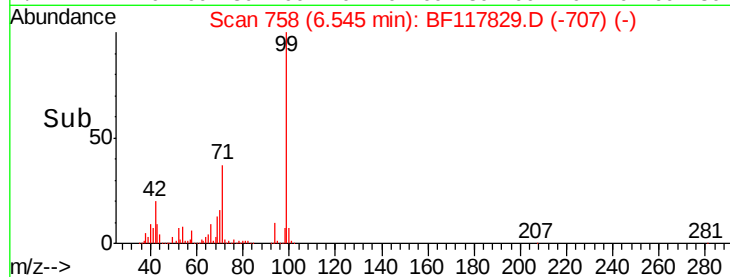
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.55

Time-->



#8

2-Chlorophenol

Concen: 47.201 ng

RT: 6.71 min Scan# 786

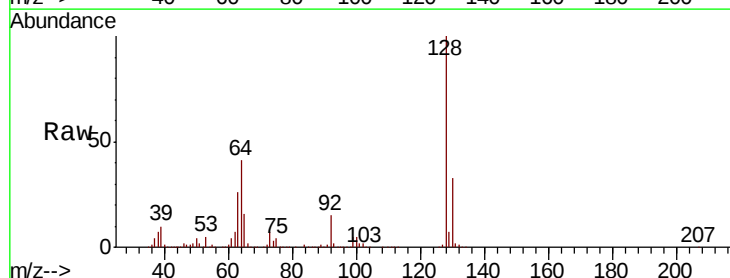
Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion: 128 Resp: 695529

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.2	53.2
64	40.5	23.7	63.7



Abundance

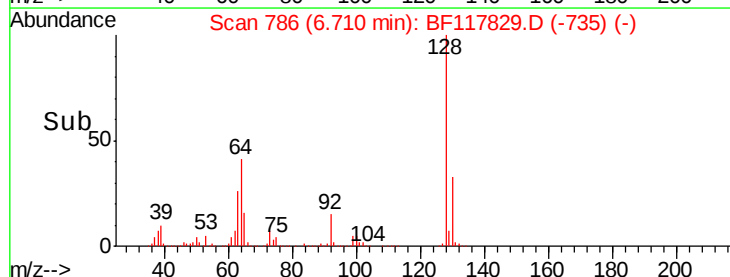
Ion 128.00 (127.70 to 128.70): BF1

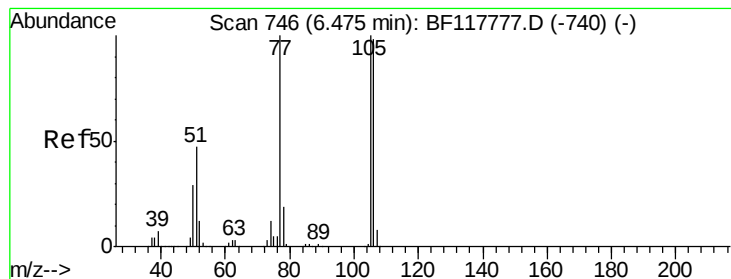
Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

6.71

Time-->





#9

Benzaldehyde

Concen: 30.490 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampled :

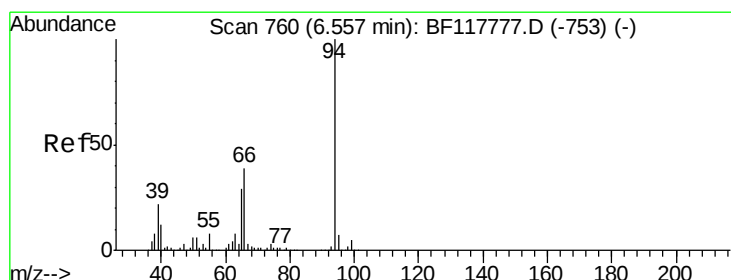
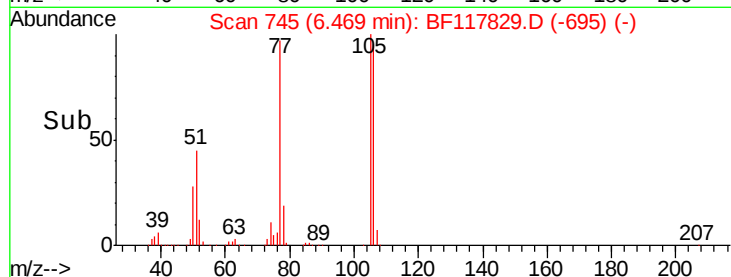
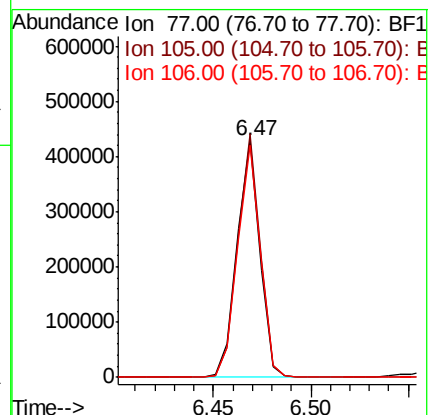
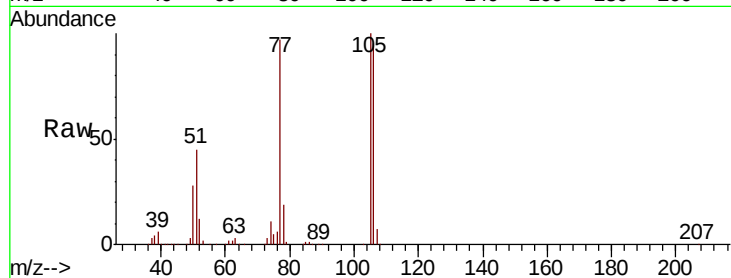
Tot Ion: 77 Resp: 346909

Ion Ratio Lower Upper

77 100

105 102.8 80.2 120.2

106 97.9 78.4 118.4



#10

Phenol

Concen: 47.240 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

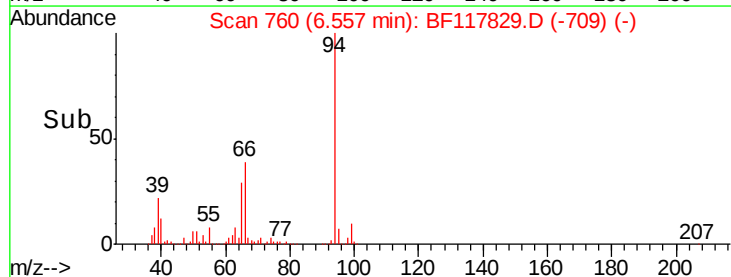
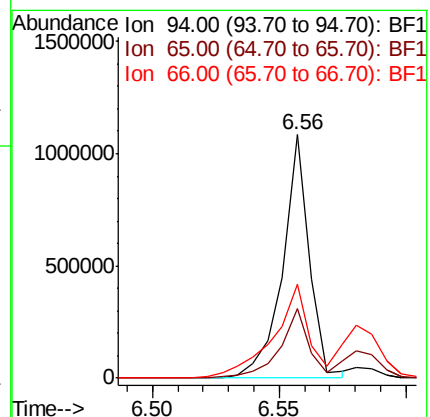
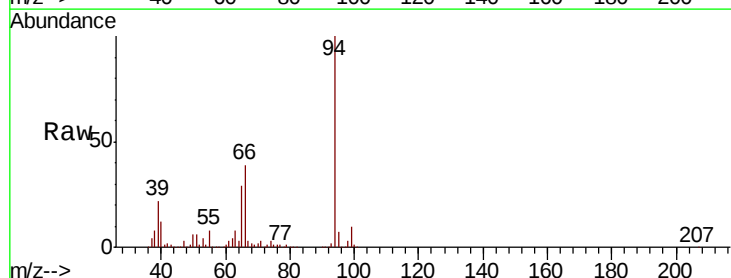
Tgt Ion: 94 Resp: 804060

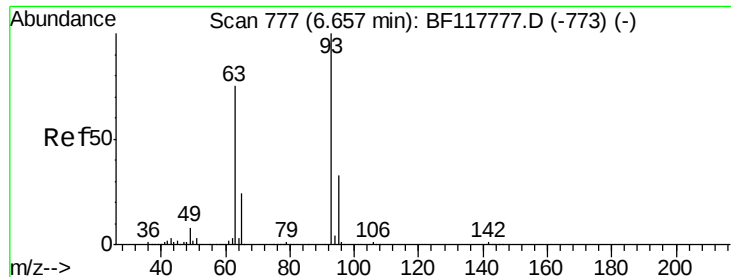
Ion Ratio Lower Upper

94 100

65 28.7 8.9 48.9

66 38.7 18.7 58.7

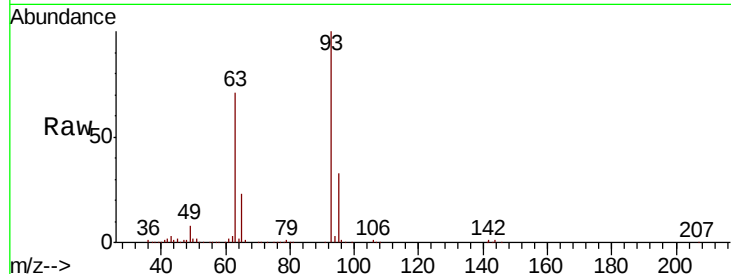




#11
bis(2-Chloroethyl)ether
Concen: 45.358 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	54.8	94.8
95	33.2	12.7	52.7

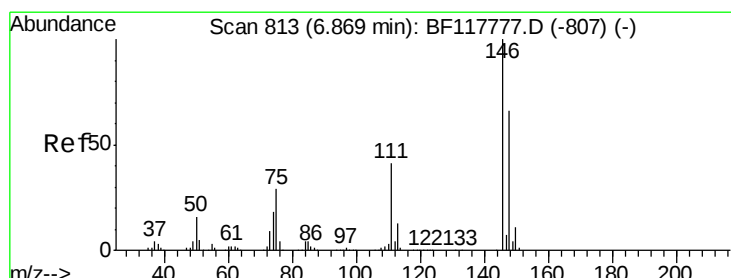
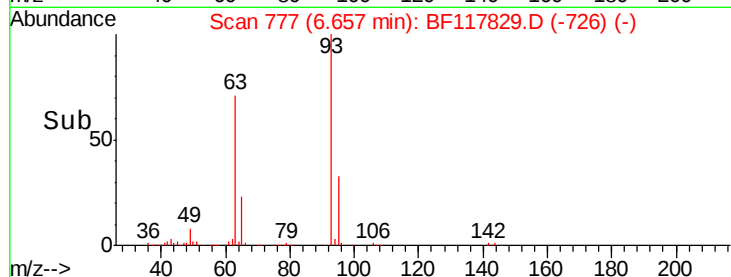
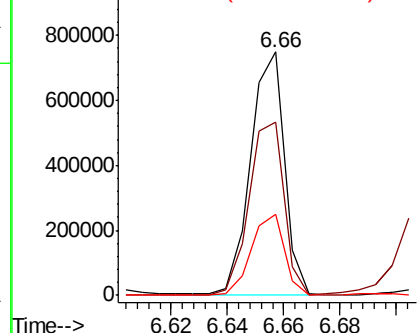


Abundance

Ion 93.00 (92.70 to 93.70): BF1

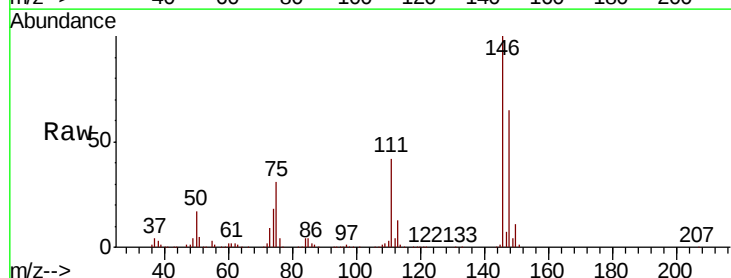
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 44.386 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.8	79.2
75	30.8	23.4	35.0

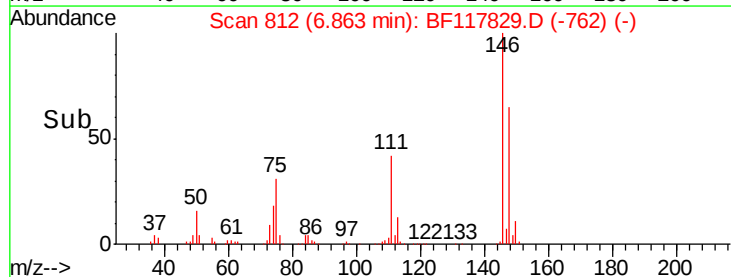
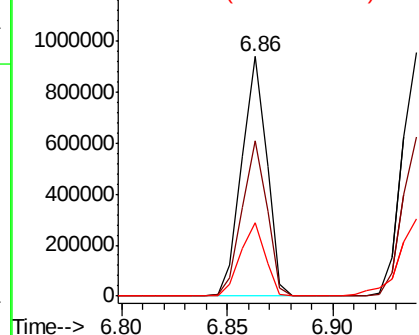


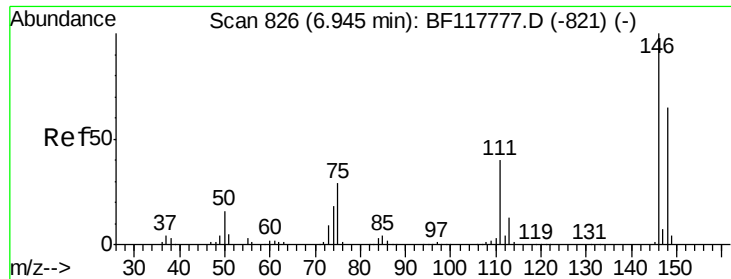
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

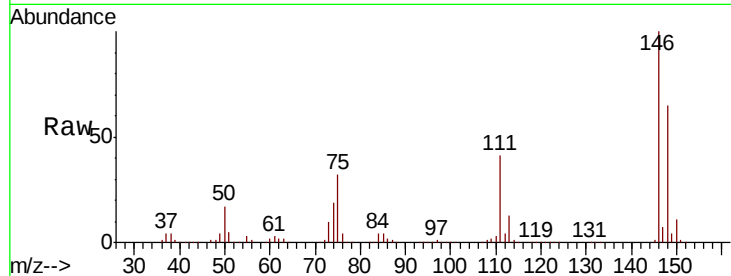




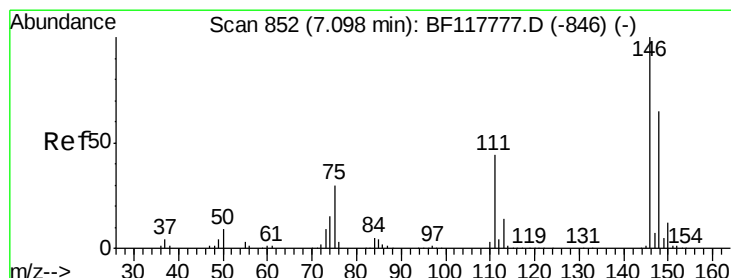
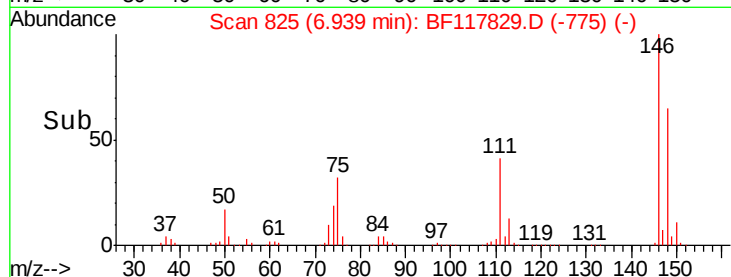
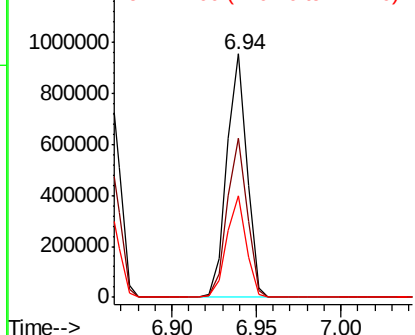
#13
 1,4-Dichlorobenzene
 Concen: 44.798 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 785557
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 41.5 32.2 48.4

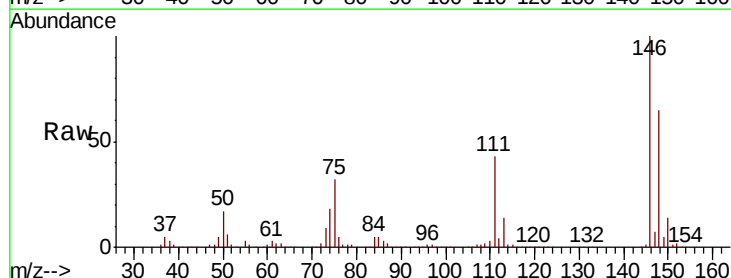


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

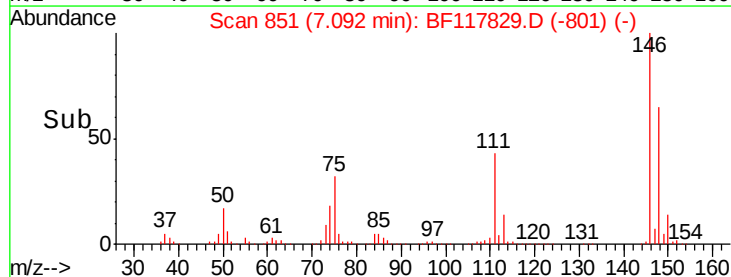
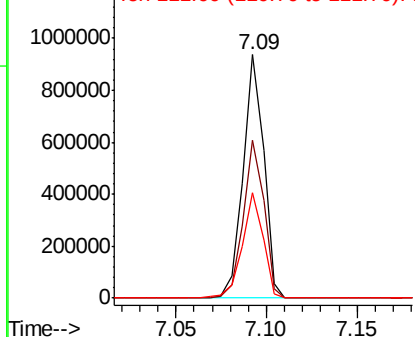


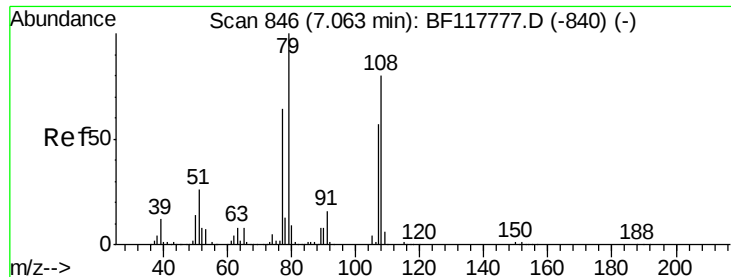
#14
 1,2-Dichlorobenzene
 Concen: 44.141 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:146 Resp: 740268
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 111 43.4 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.762 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

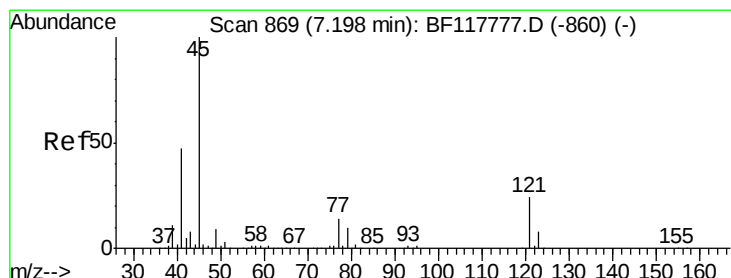
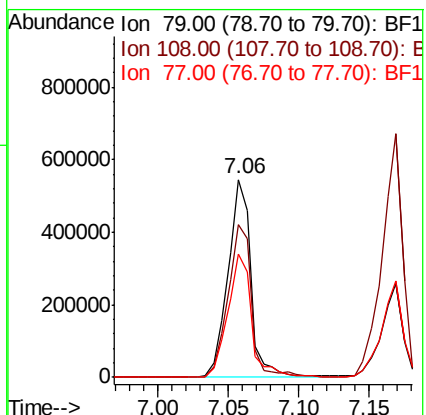
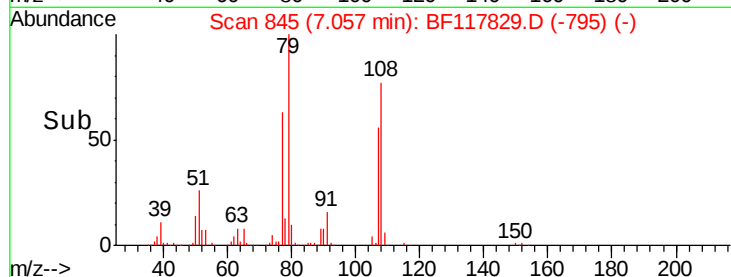
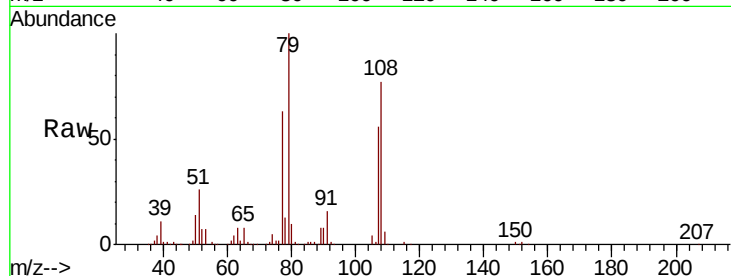
Tot Ion: 79 Resp: 616640

Ion Ratio Lower Upper

79 100

108 77.2 64.1 96.1

77 62.6 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.251 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

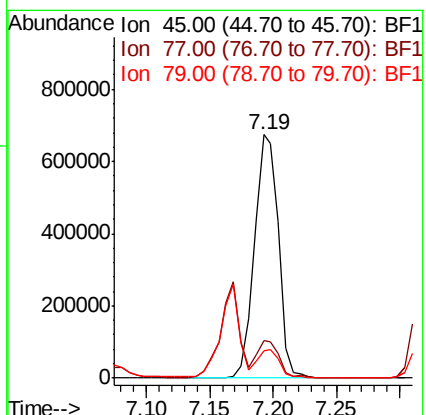
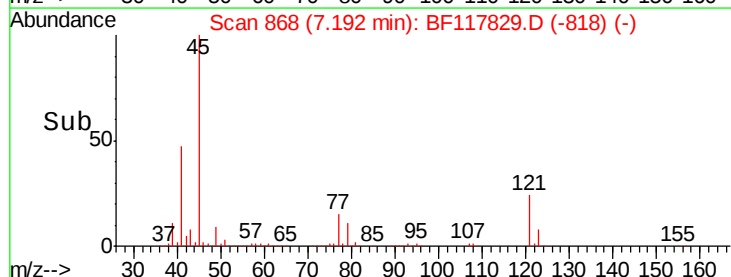
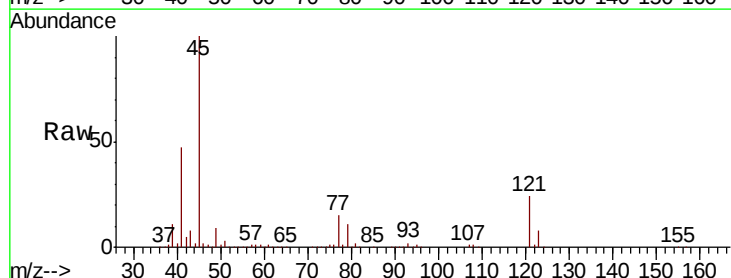
Tgt Ion: 45 Resp: 889138

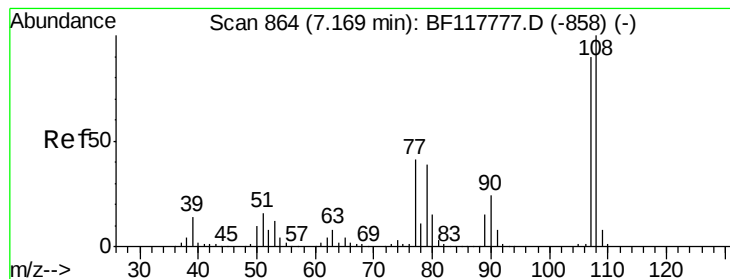
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.0

79 11.3 0.0 31.1

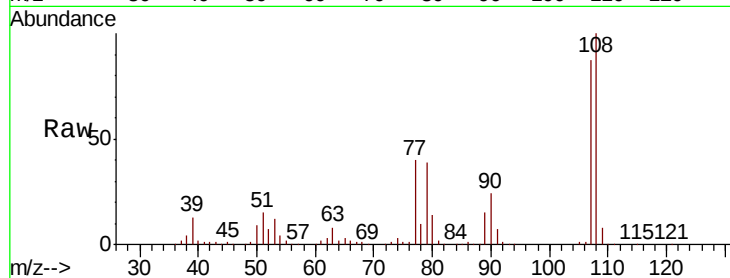




#17
2-Methylphenol
Concen: 47.068 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.1	133.7
77	45.6	36.6	54.8
79	44.2	35.2	52.8



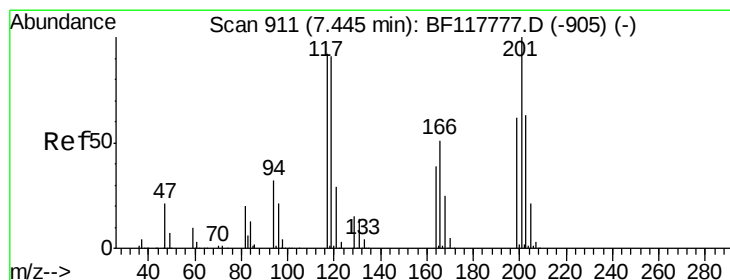
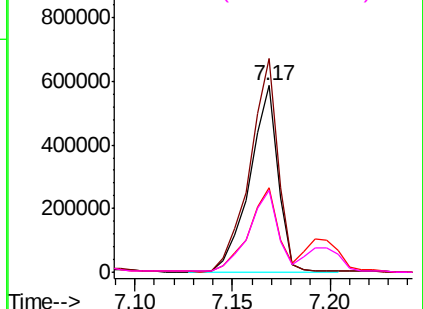
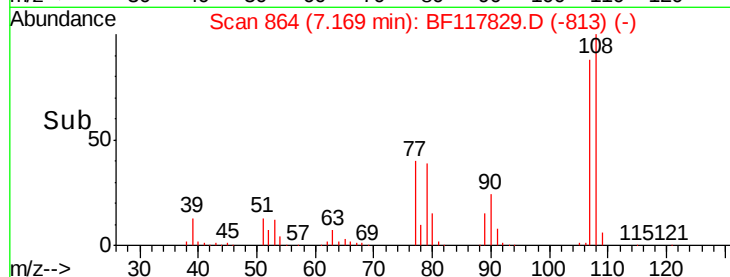
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

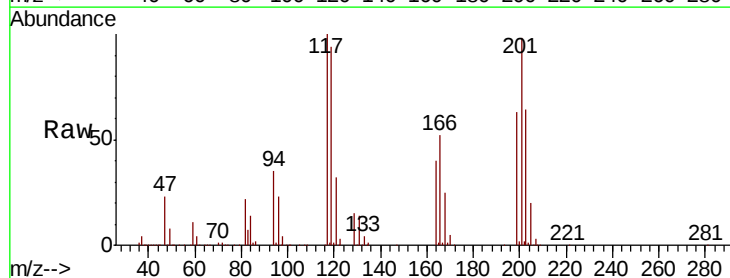
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.592 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.7	118.1
201	98.4	86.5	129.7

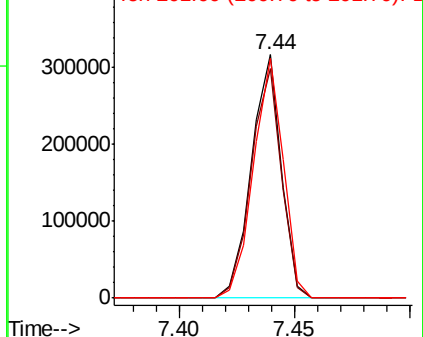
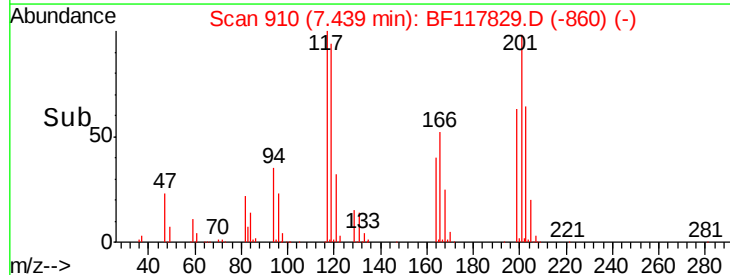


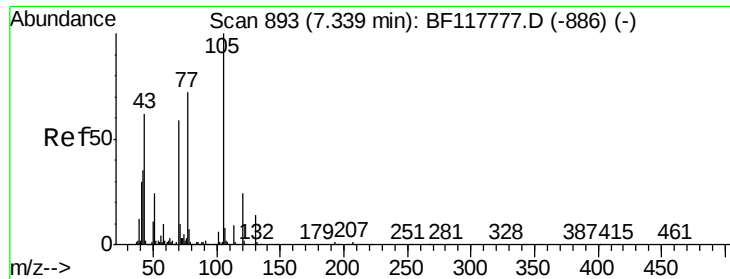
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

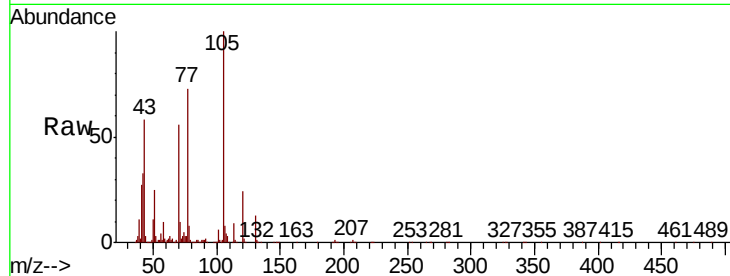




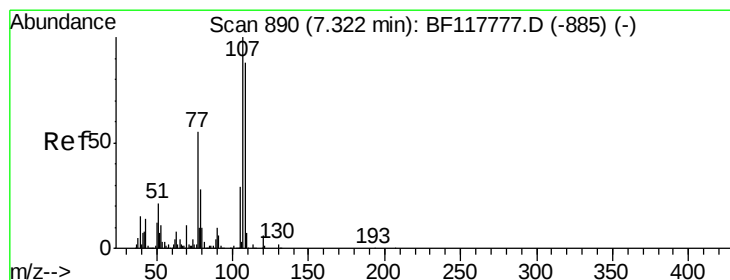
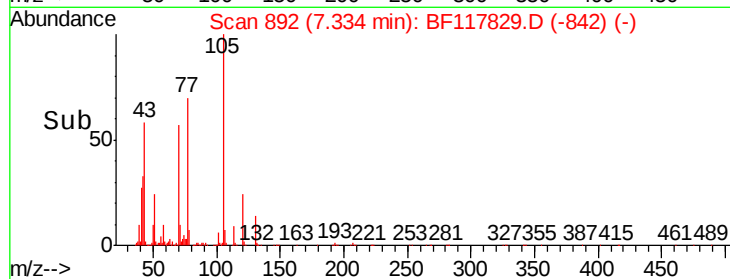
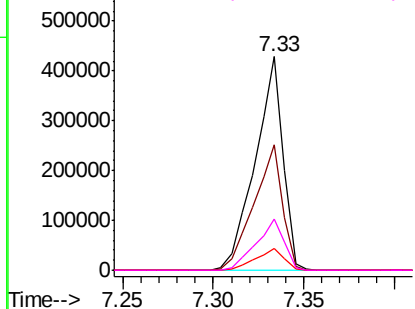
#19
n-Nitroso-di-n-propylamine
Concen: 45.276 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	457507
Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.4	71.2
101	10.0	8.4	12.6
130	23.9	18.8	28.2

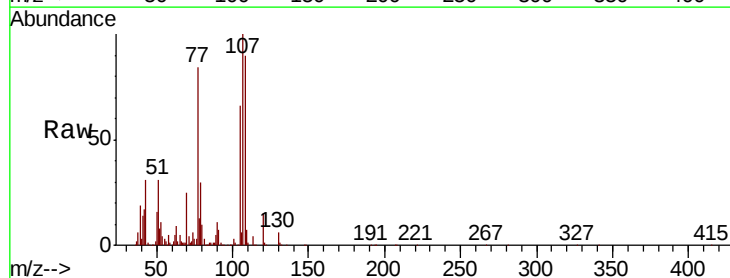


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

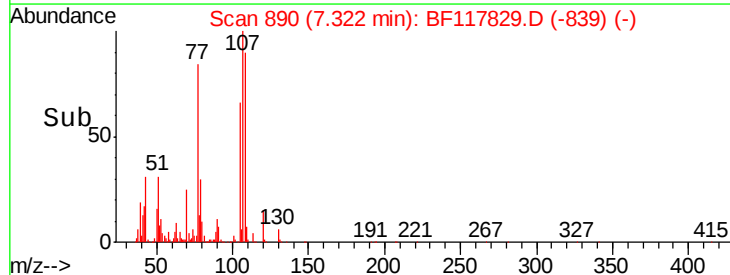
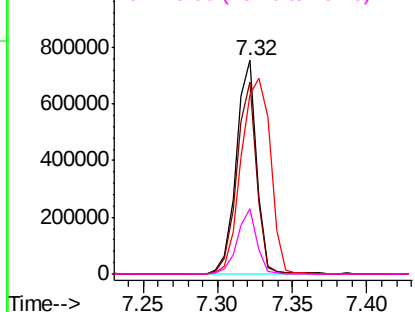


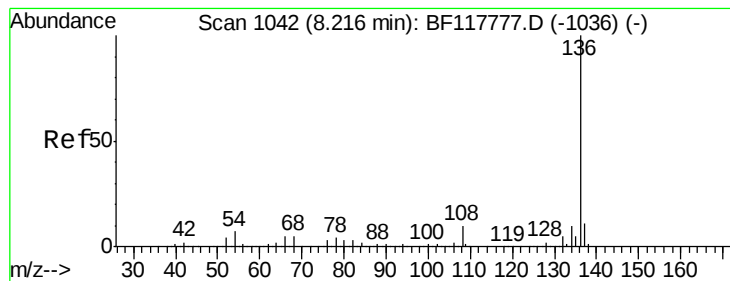
#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:	107	Resp:	722466
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	84.1	35.2	75.2#
79	30.3	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 977714

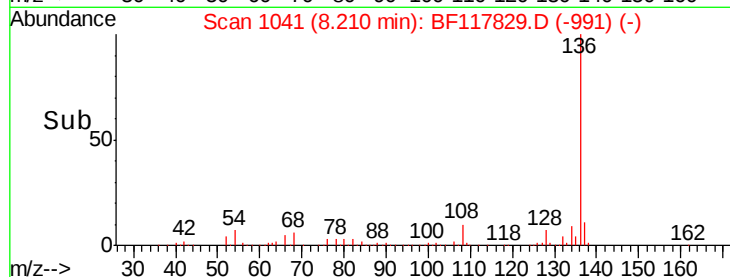
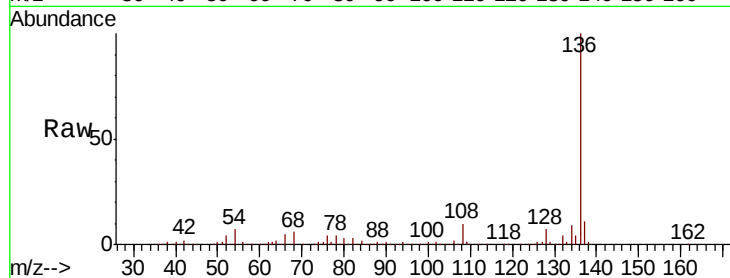
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 5.4 8.2

68 5.6 4.3 6.5



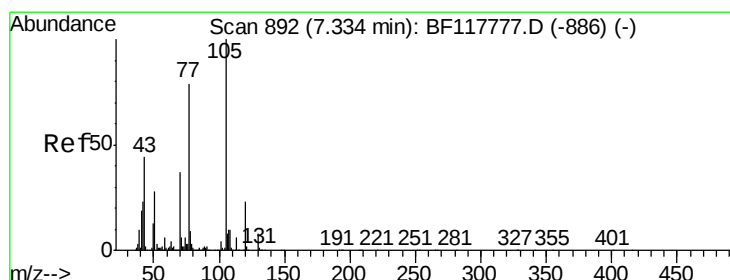
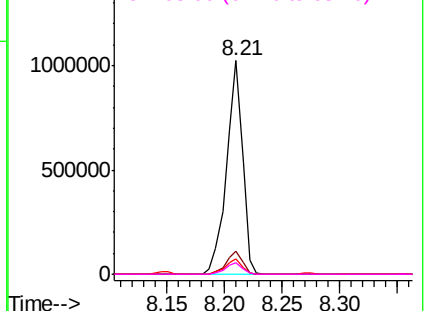
Abundance

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: 42.907 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion:105 Resp: 942516

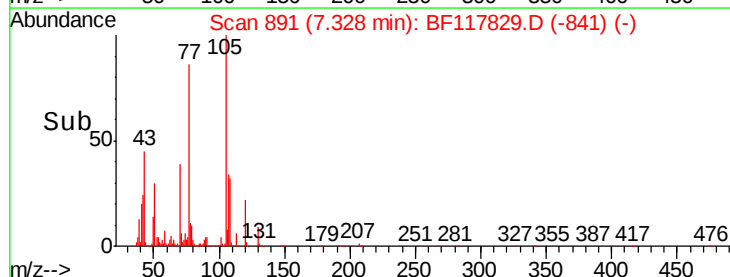
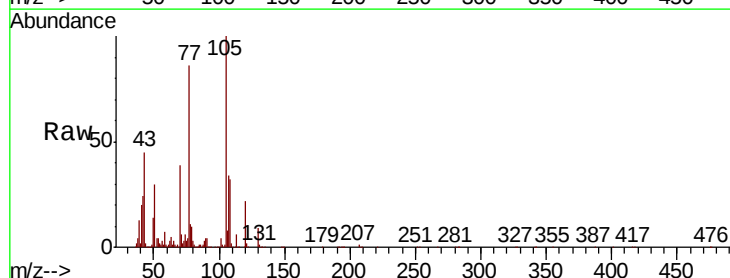
Ion Ratio Lower Upper

105 100

71 6.4 4.9 7.3

51 29.9 22.7 34.1

120 22.5 18.5 27.7



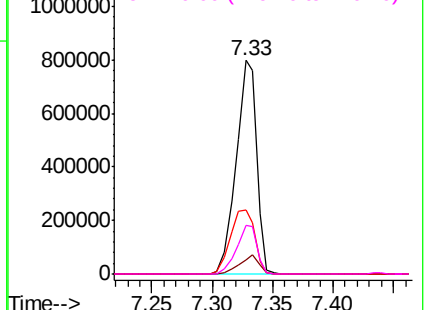
Abundance

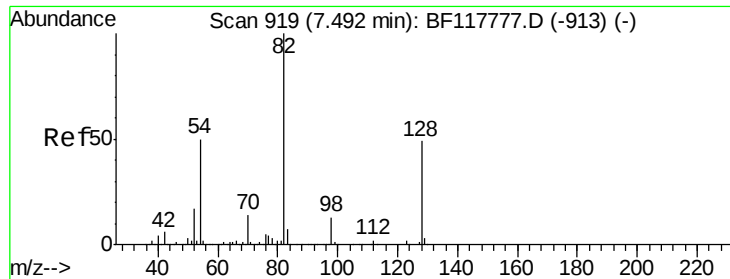
Ion 105.00 (104.70 to 105.70): E

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

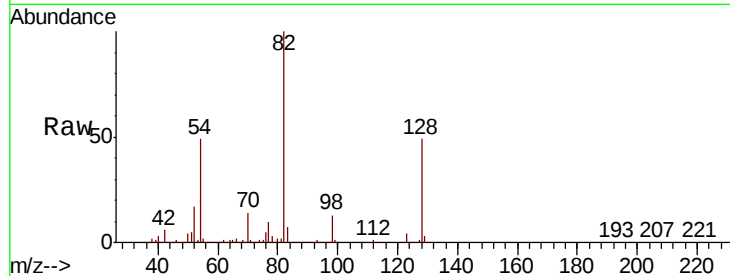




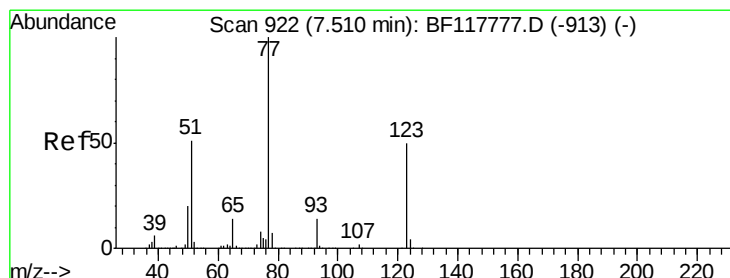
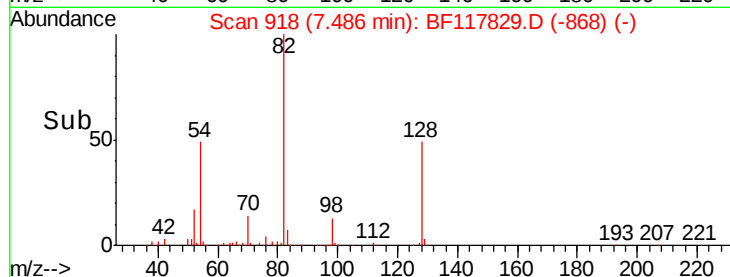
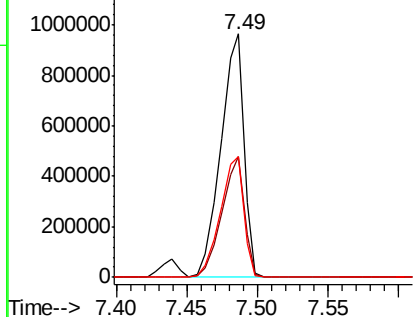
#23
 Nitrobenzene-d5
 Concen: 66.473 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1093289
 Ion Ratio Lower Upper
 82 100
 128 49.5 38.9 58.3
 54 49.4 39.8 59.6

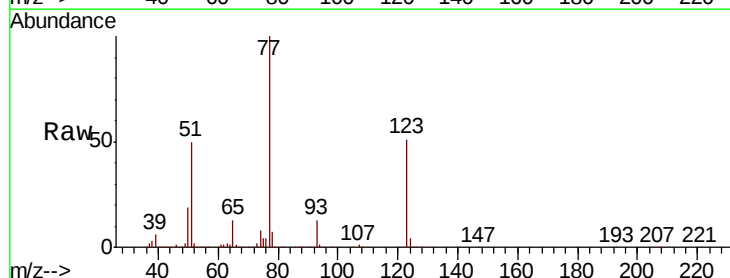


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

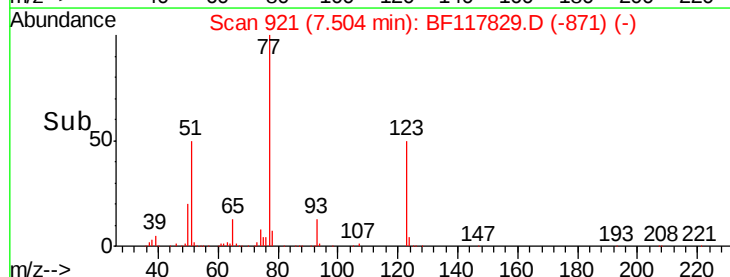
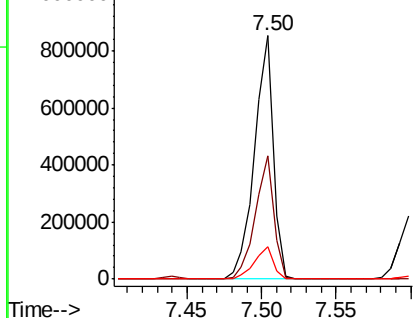


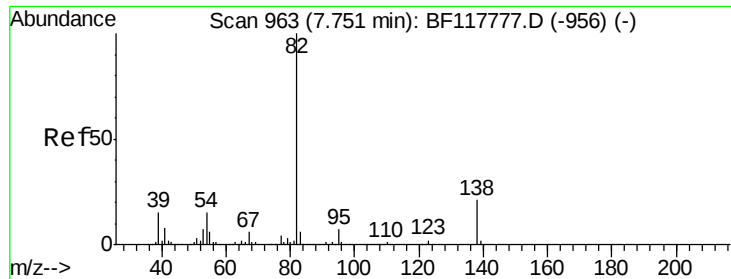
#24
 Nitrobenzene
 Concen: 43.673 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion: 77 Resp: 741009
 Ion Ratio Lower Upper
 77 100
 123 50.6 40.3 60.5
 65 13.2 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.665 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

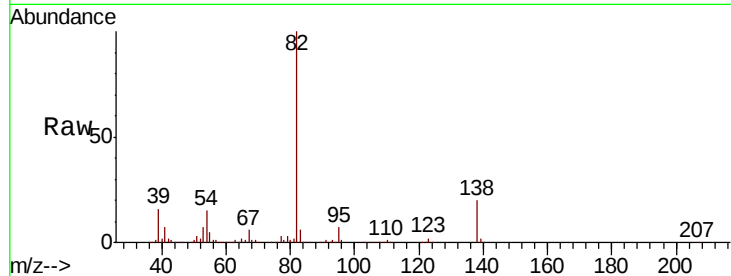
Tot Ion: 82 Resp: 1286146

Ion Ratio Lower Upper

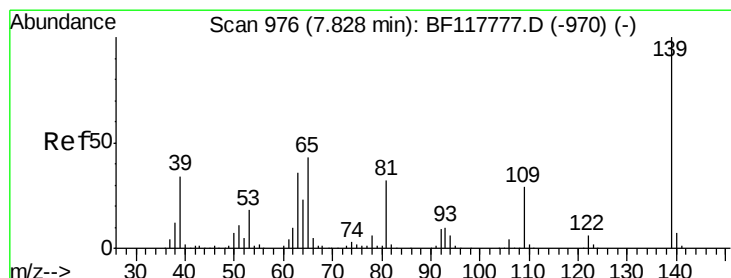
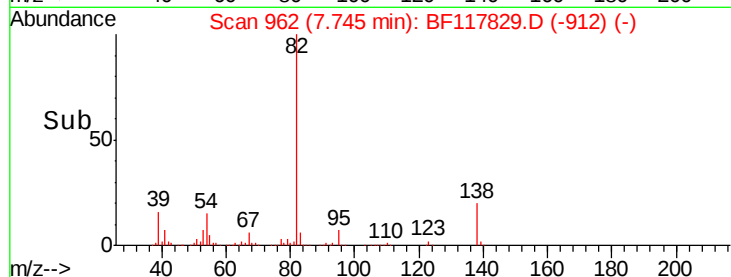
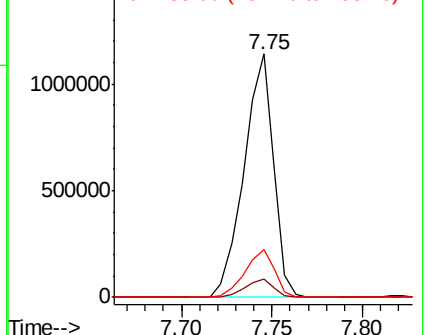
82 100

95 7.3 5.8 8.8

138 19.7 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.482 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

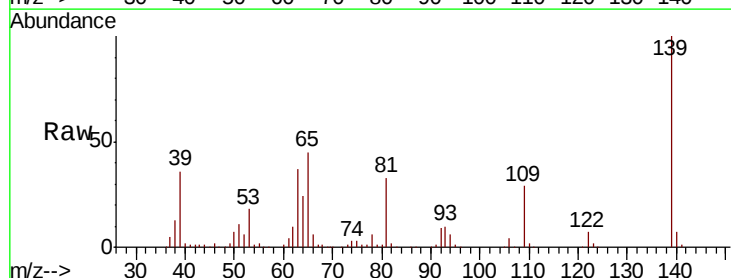
Tgt Ion: 139 Resp: 392134

Ion Ratio Lower Upper

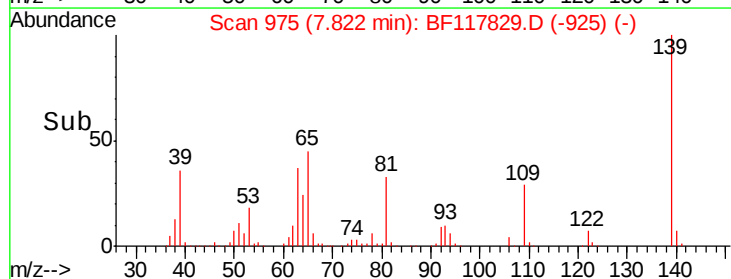
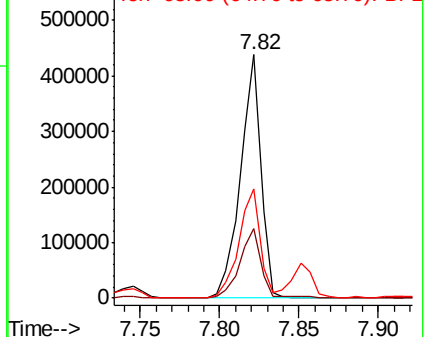
139 100

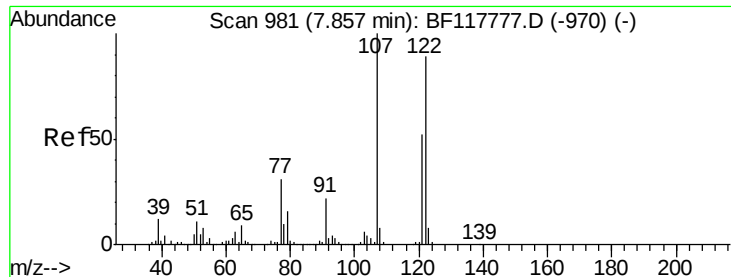
109 28.7 23.0 34.4

65 44.7 34.7 52.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.440 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

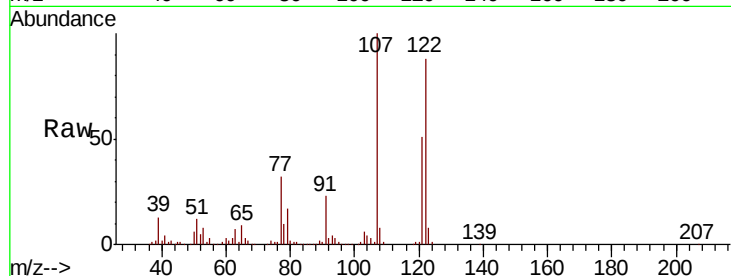
Tot Ion:122 Resp: 660114

Ion Ratio Lower Upper

122 100

107 114.1 90.0 135.0

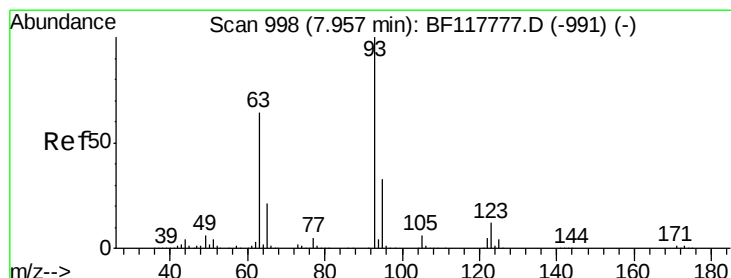
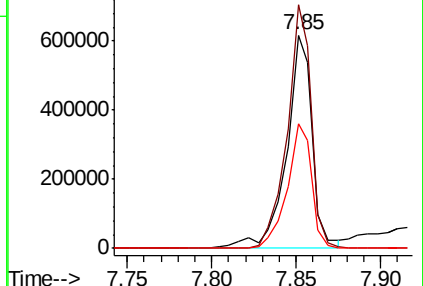
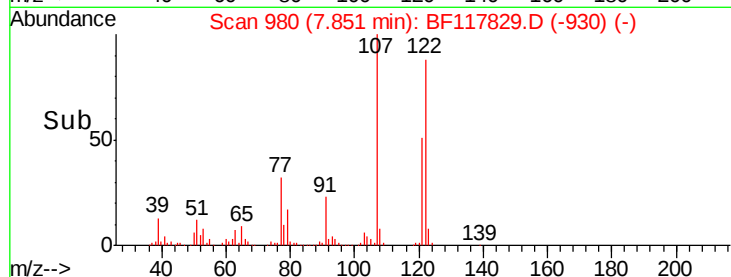
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.637 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

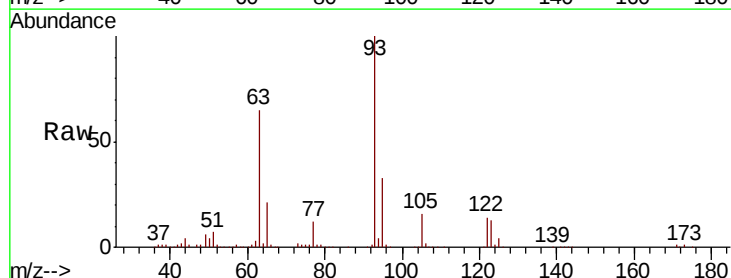
Tgt Ion: 93 Resp: 777365

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

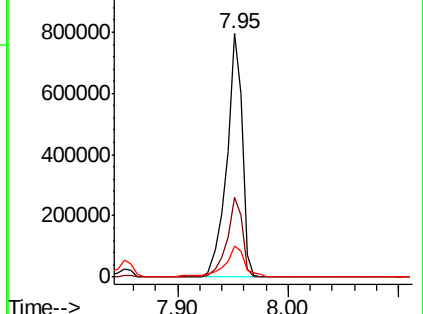
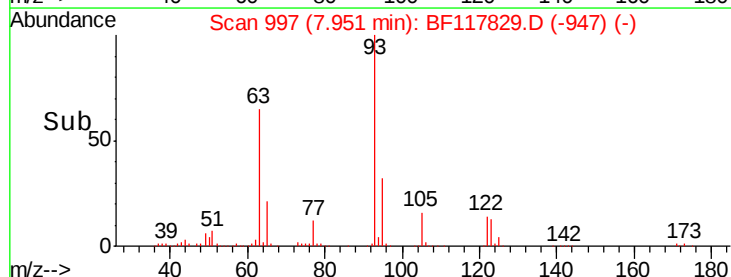
123 12.6 10.3 15.5

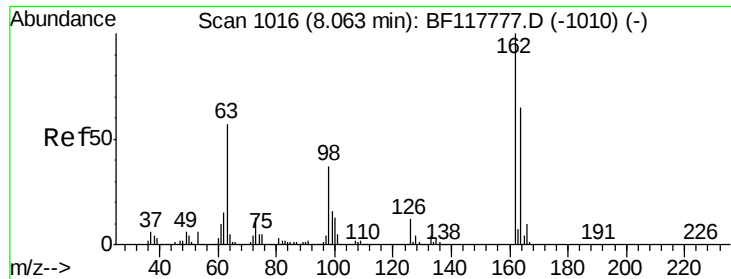


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

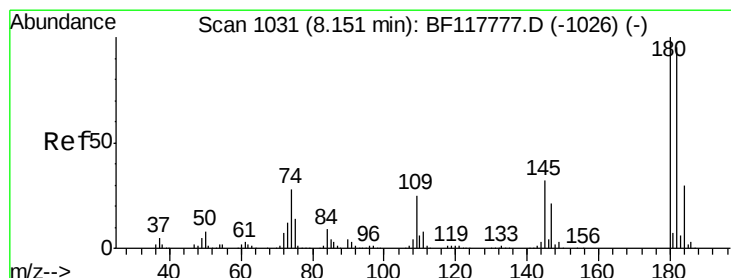
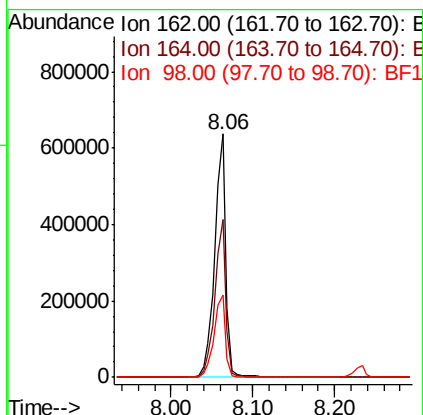
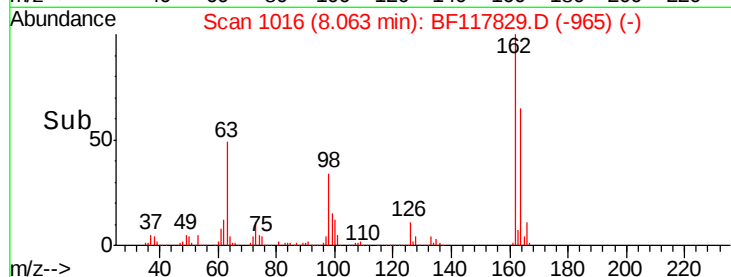
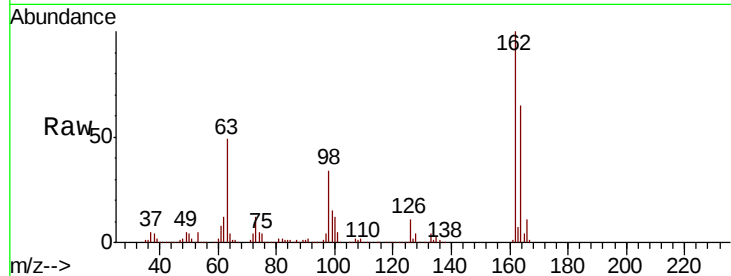




#29
2,4-Dichlorophenol
Concen: 43.412 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

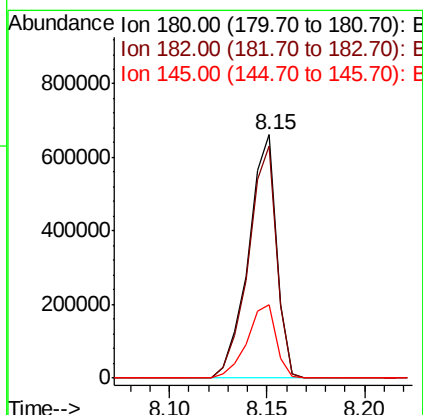
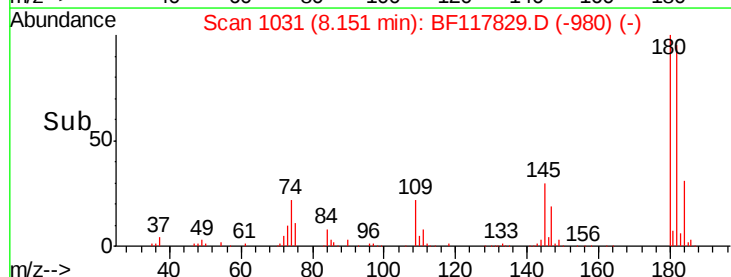
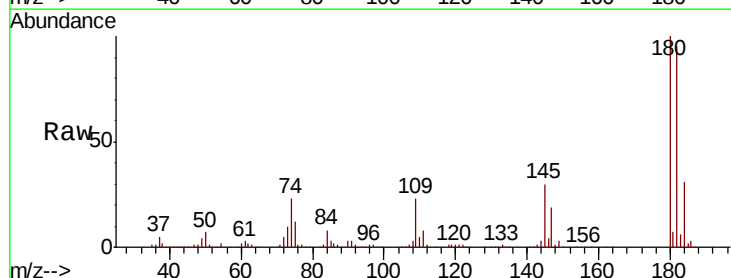
Instrument :
BNA_F
ClientSampleId :

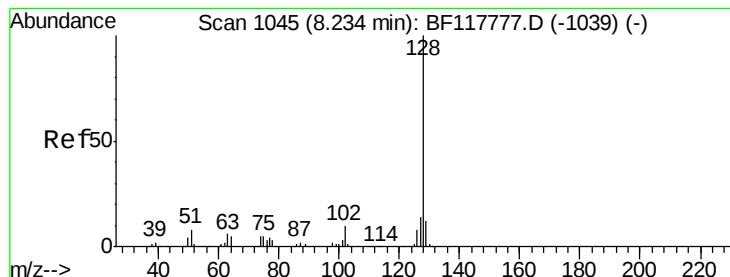
Tot Ion:162 Resp: 604292
Ion Ratio Lower Upper
162 100
164 64.6 45.1 85.1
98 33.8 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.062 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:180 Resp: 662991
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.6
145 30.1 25.5 38.3





#31

Naphthalene

Concen: 44.249 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

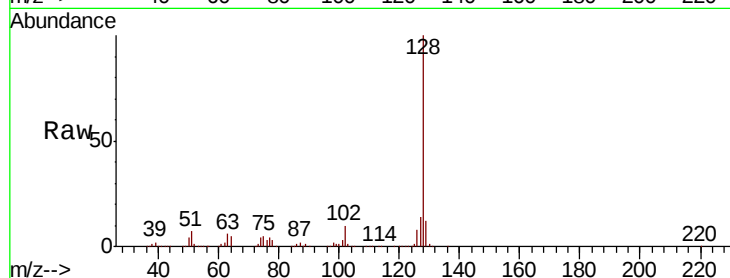
Tot Ion:128 Resp: 2016887

Ion Ratio Lower Upper

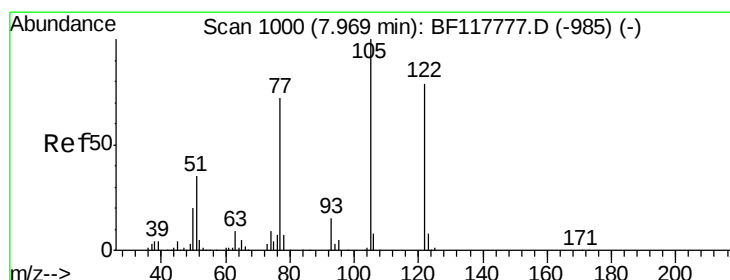
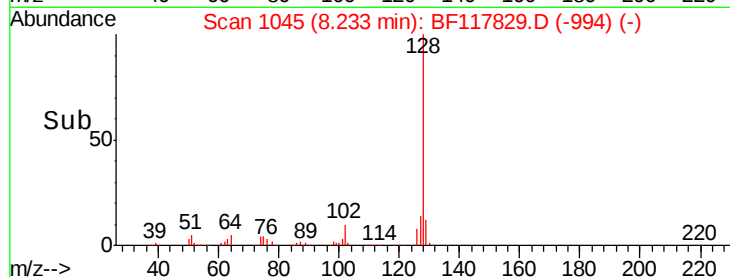
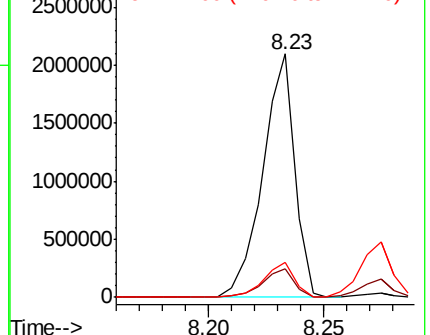
128 100

129 11.6 9.5 14.3

127 14.2 11.3 16.9



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: 46.742 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

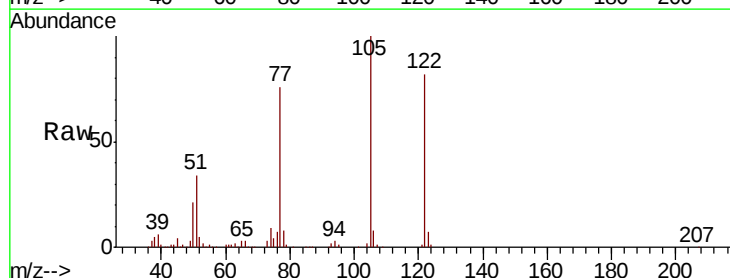
Tgt Ion:122 Resp: 502237

Ion Ratio Lower Upper

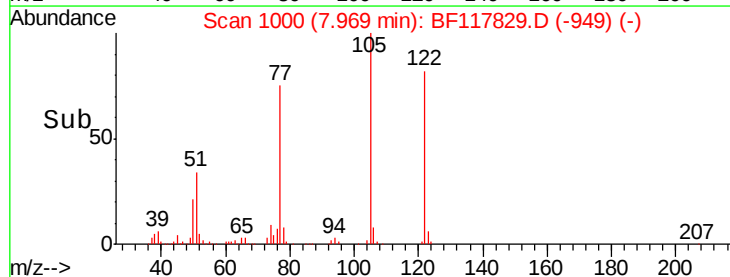
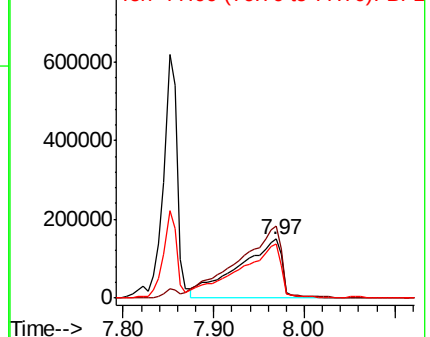
122 100

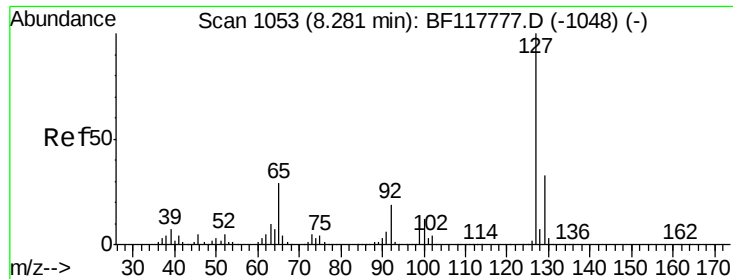
105 121.5 102.7 142.7

77 92.6 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

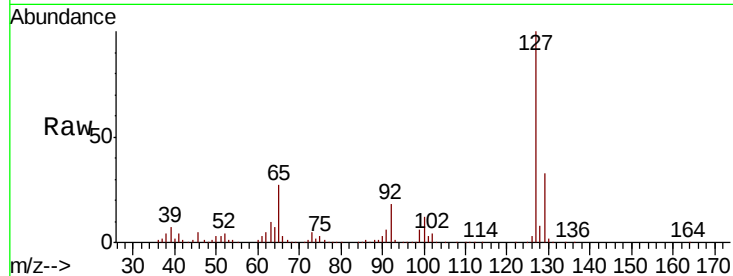




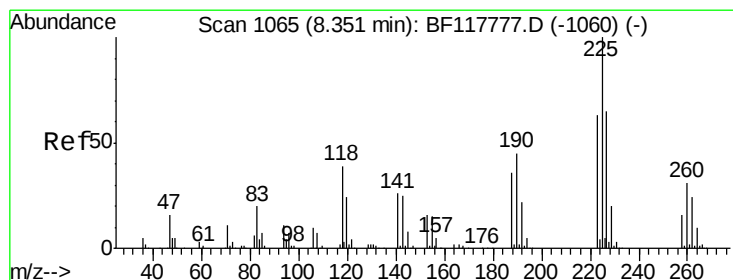
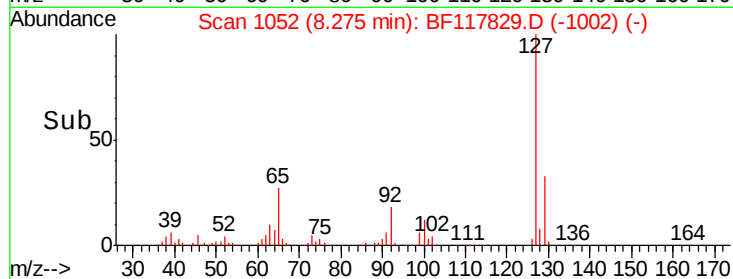
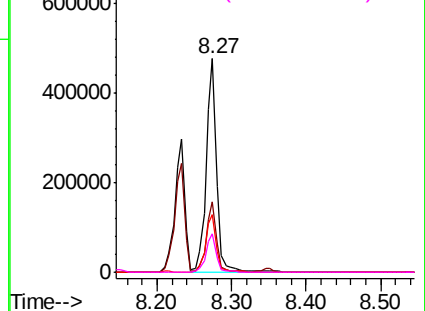
#33
4-Chloroaniline
Concen: 22.988 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	469081
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	27.1	22.9	34.3
92	18.0	15.0	22.6

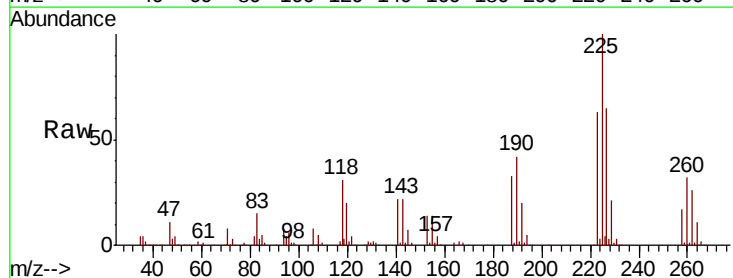


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

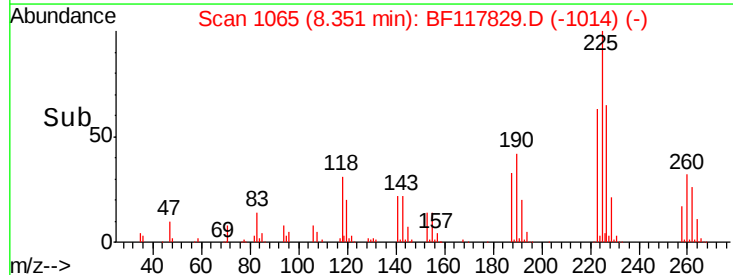
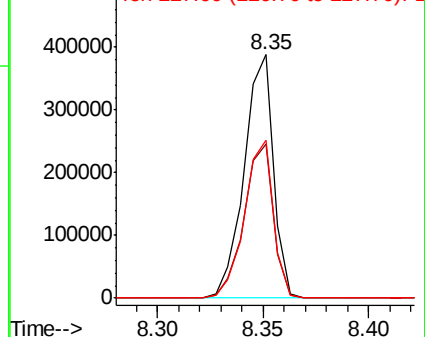


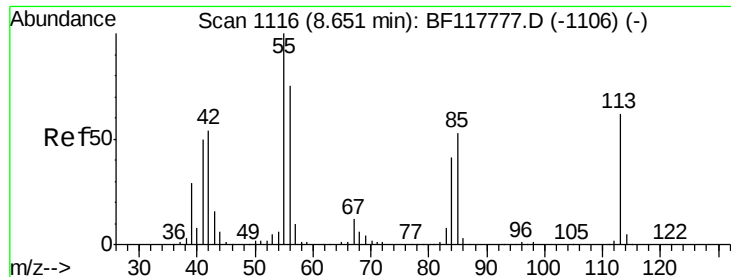
#34
Hexachlorobutadiene
Concen: 39.440 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:	225	Resp:	372322
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	65.0	51.8	77.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

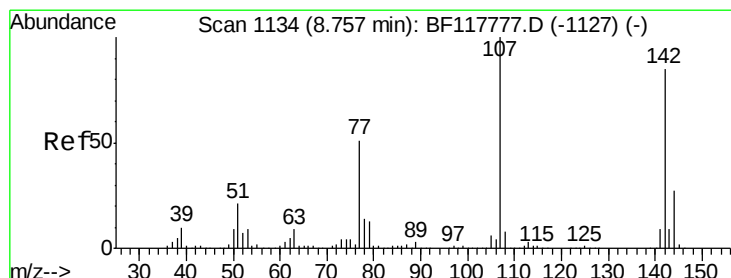
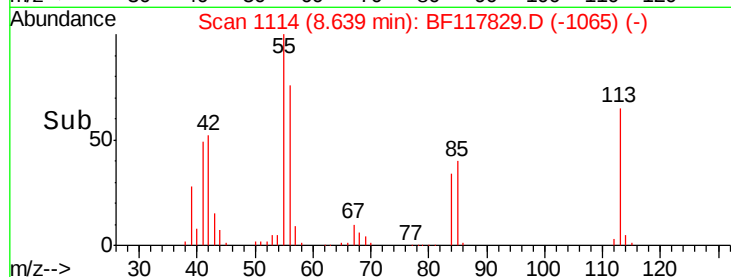
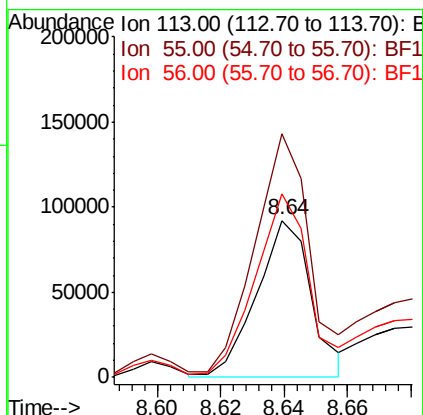
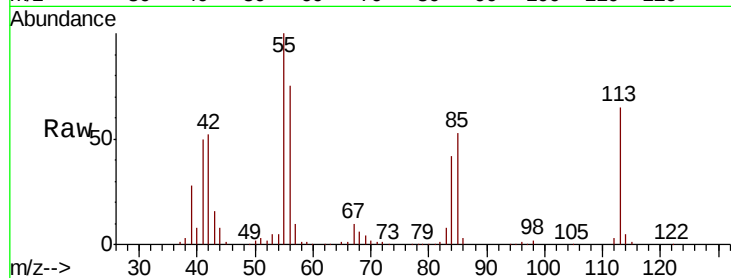




#35
Caprolactam
Concen: 24.970 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

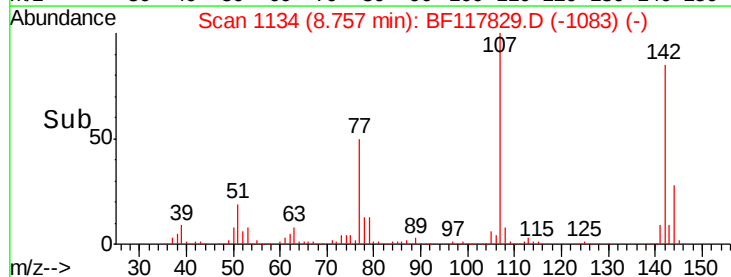
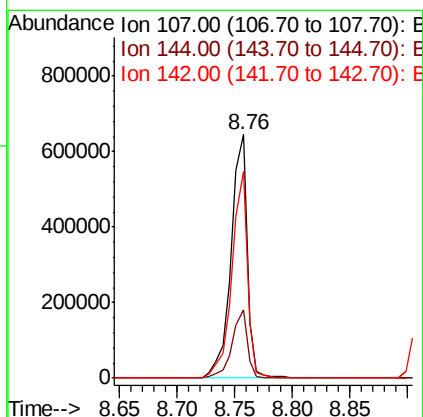
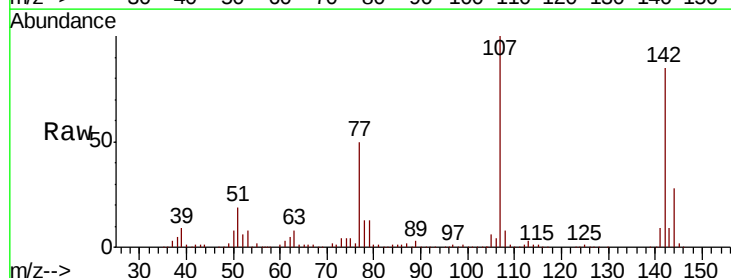
Instrument :
BNA_F
ClientSampleId :

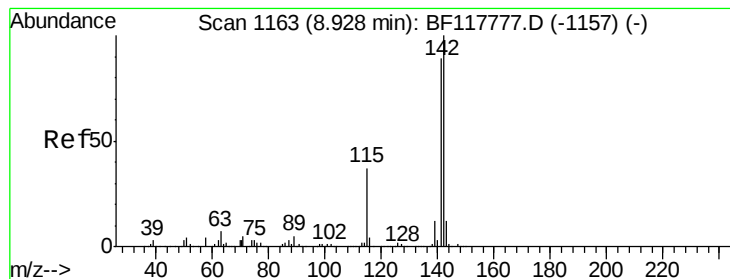
Tot Ion:113 Resp: 110468
Ion Ratio Lower Upper
113 100
55 154.9 141.1 181.1
56 116.6 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 44.576 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:107 Resp: 629711
Ion Ratio Lower Upper
107 100
144 28.0 21.9 32.9
142 84.8 67.7 101.5

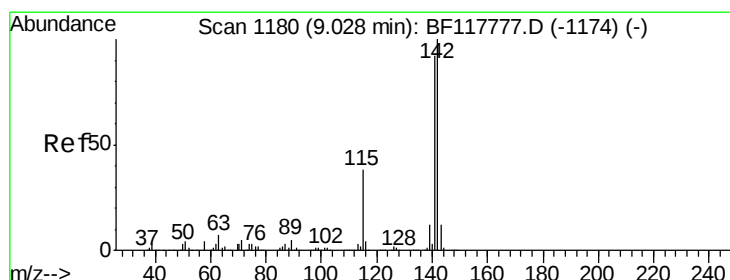
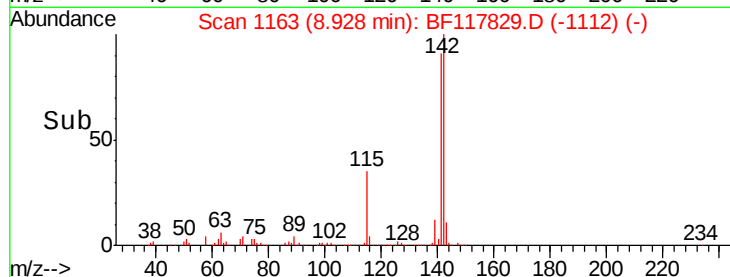
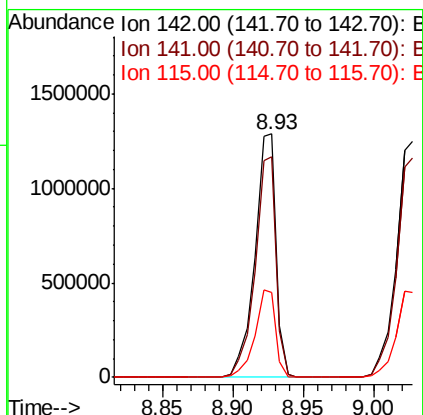
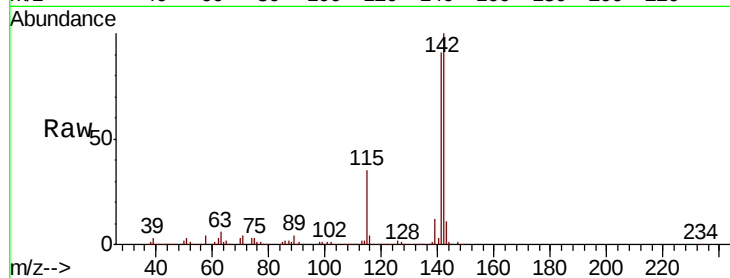




#37
 2-Methylnaphthalene
 Concen: 44.482 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

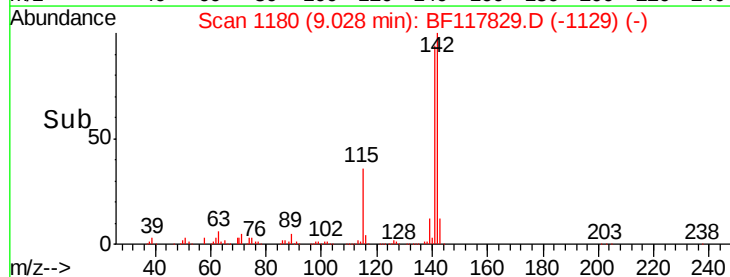
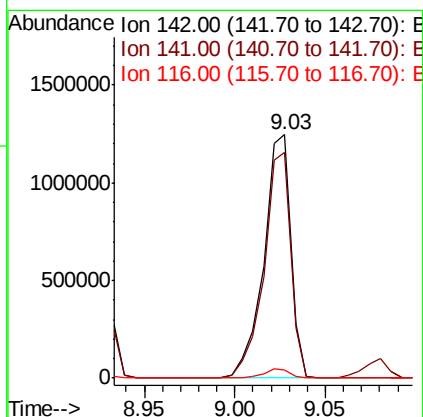
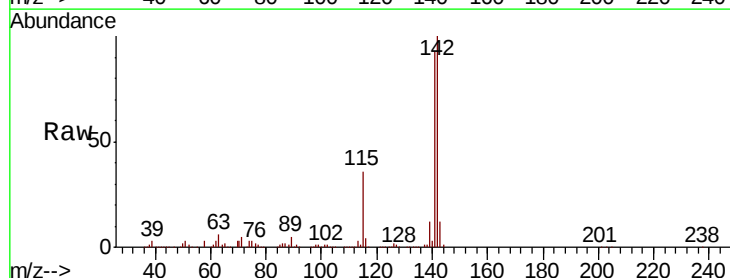
Instrument :
 BNA_F
 ClientSampleId :

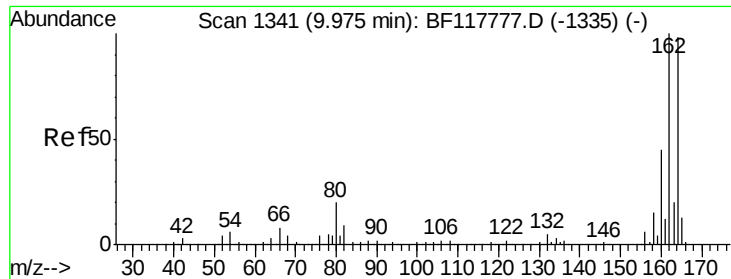
Tot Ion:142 Resp: 1369902
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.1 106.7
 115 34.8 29.2 43.8



#38
 1-Methylnaphthalene
 Concen: 44.453 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:142 Resp: 1294274
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.5 110.3
 116 3.6 3.2 4.8

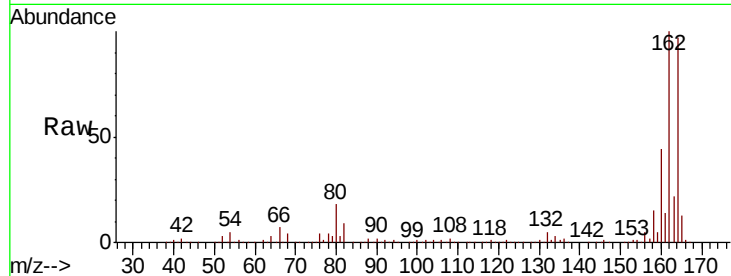




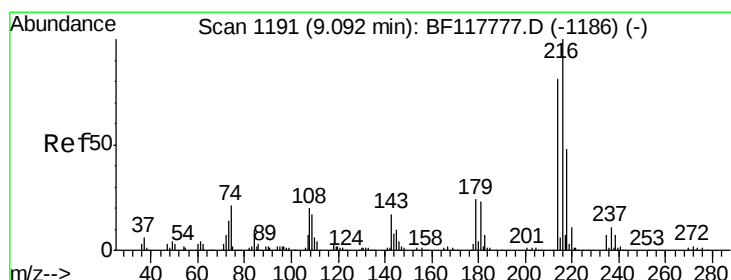
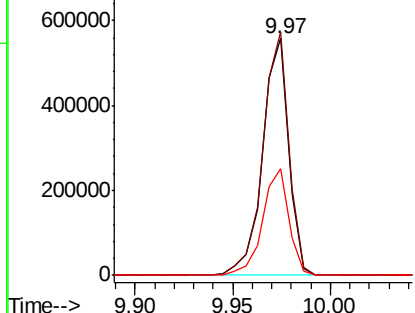
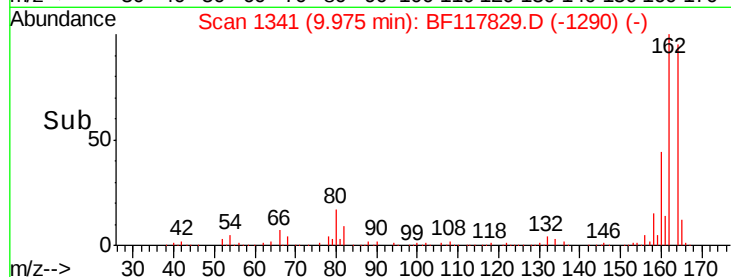
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 515211
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.0 36.6 55.0

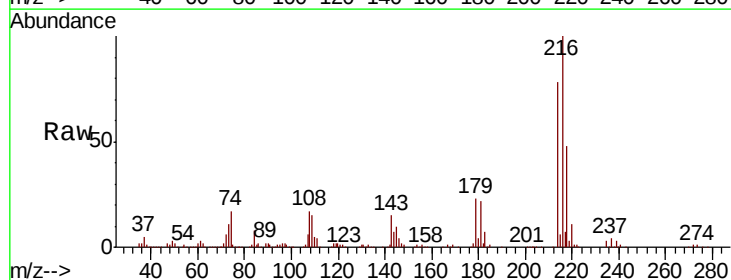


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

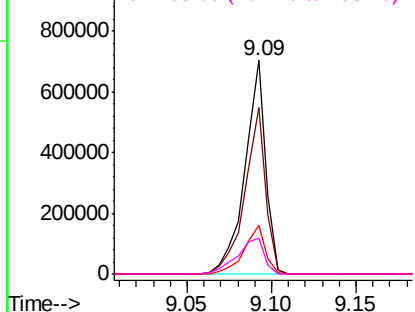
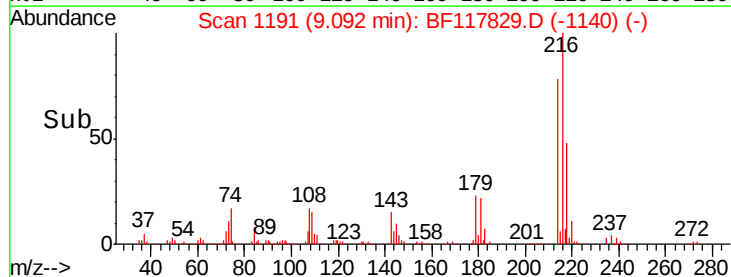


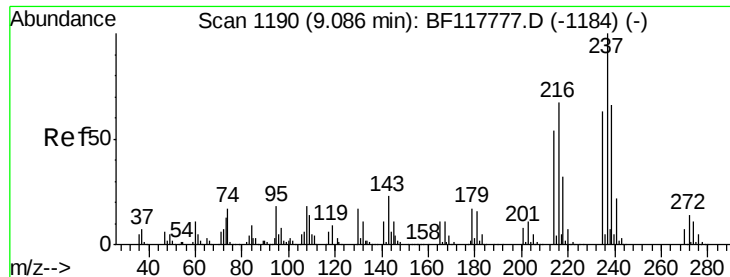
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.444 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:216 Resp: 605131
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.0
179 22.8 18.2 27.4
108 21.9 16.0 24.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.421 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampled :

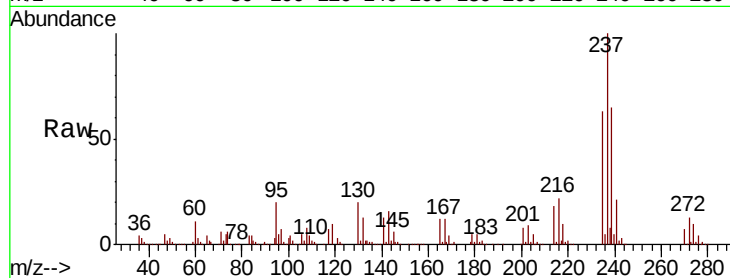
Tot Ion:237 Resp: 724624

Ion Ratio Lower Upper

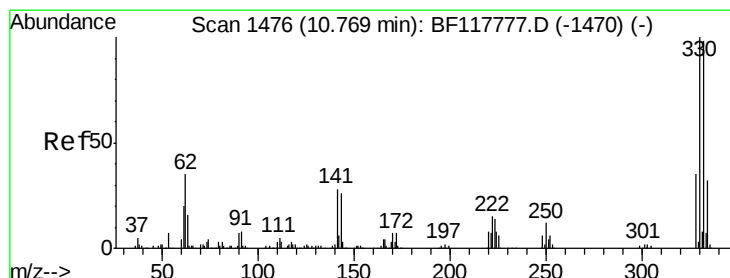
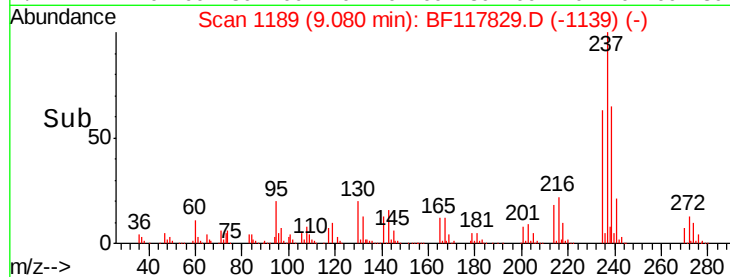
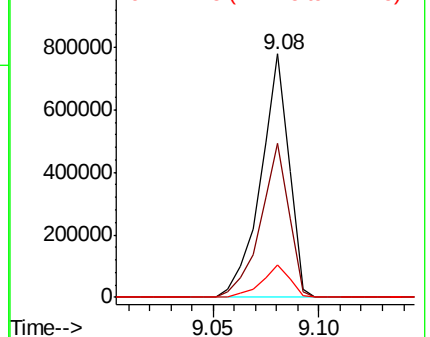
237 100

235 63.4 42.6 82.6

272 13.1 0.0 34.3



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: 120.548 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

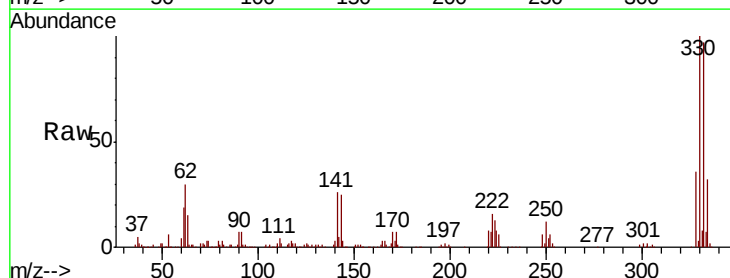
Tgt Ion:330 Resp: 657529

Ion Ratio Lower Upper

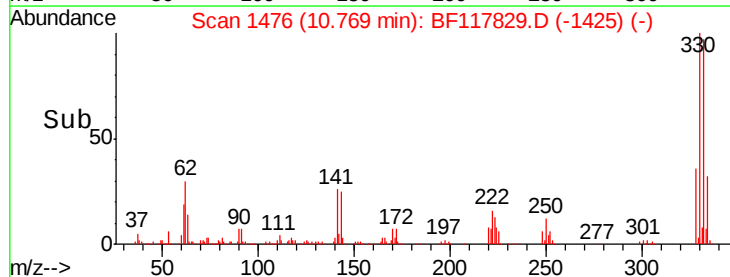
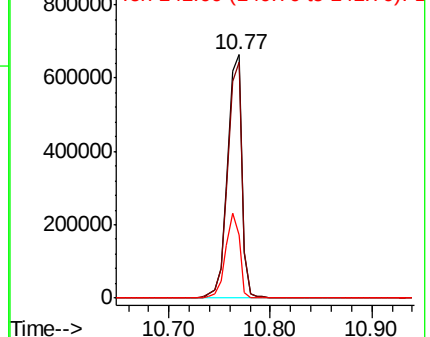
330 100

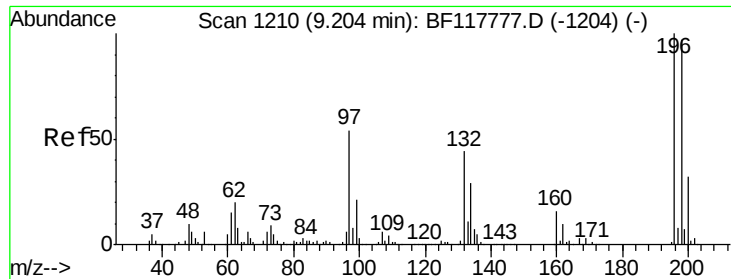
332 96.9 76.7 115.1

141 34.5 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

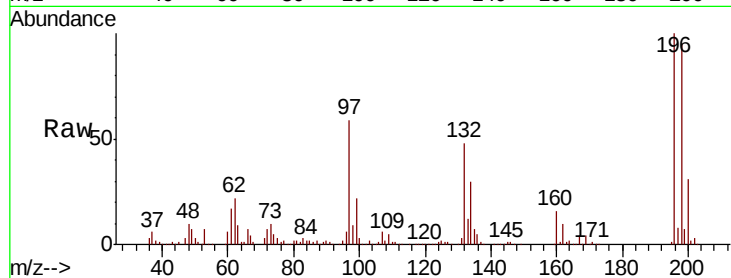




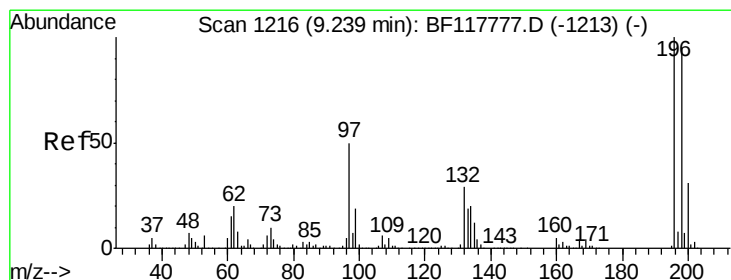
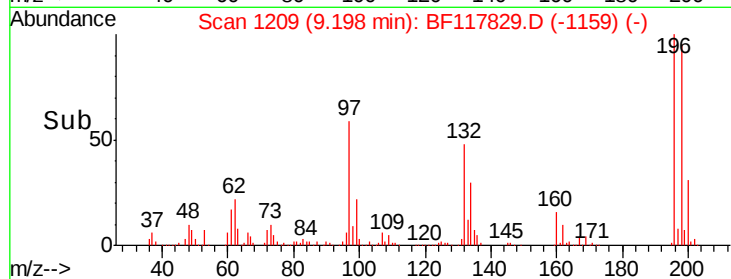
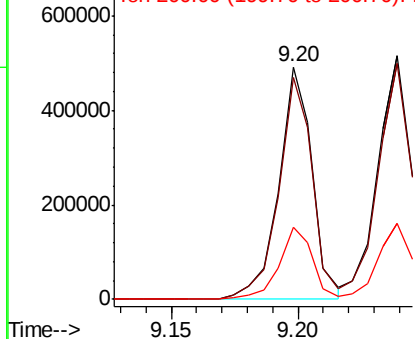
#43
 2,4,6-Trichlorophenol
 Concen: 42.329 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 453637
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.8 116.6
 200 31.0 25.4 38.0



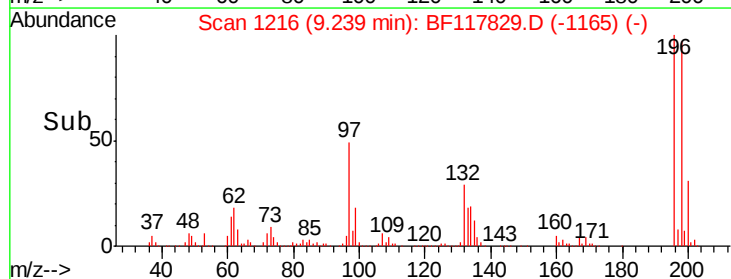
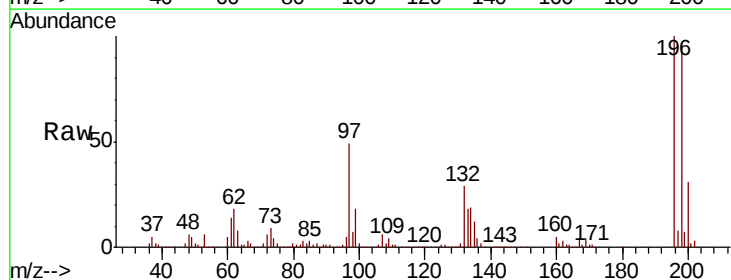
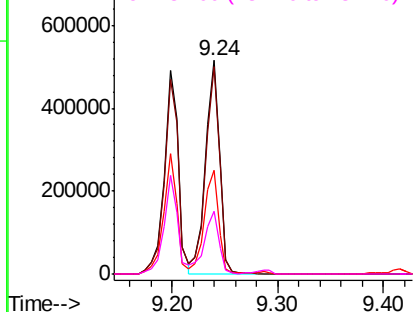
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

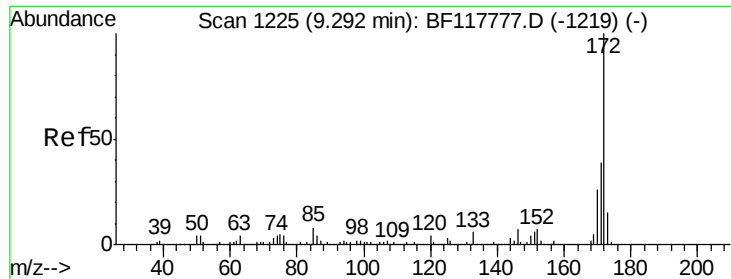


#44
 2,4,5-Trichlorophenol
 Concen: 42.915 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:196 Resp: 477518
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.3 114.5
 97 48.7 40.0 60.0
 132 29.1 23.6 35.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

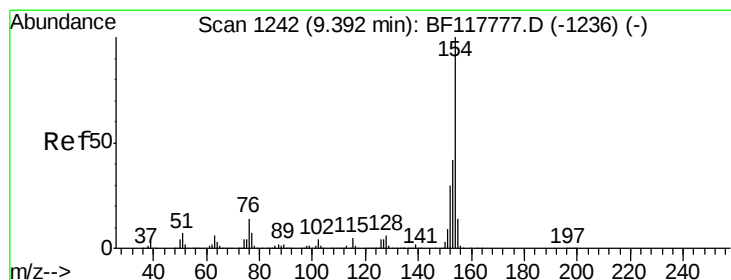
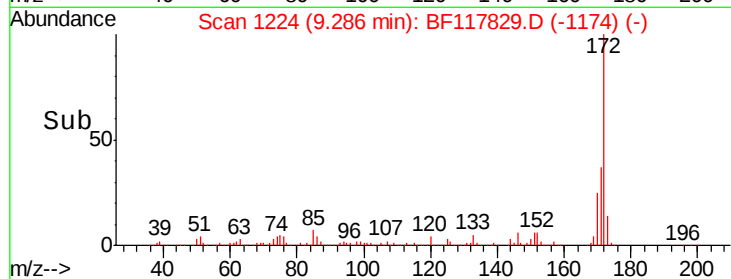
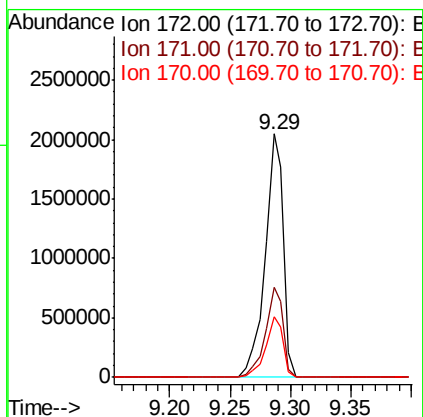
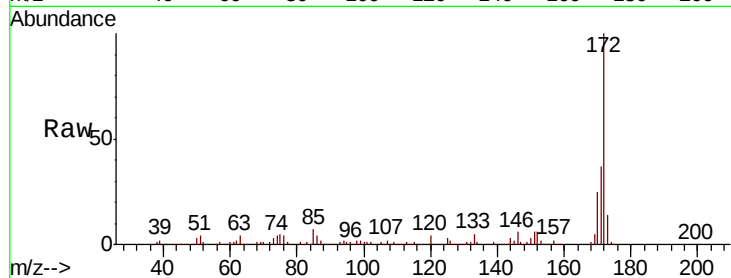




#45
2-Fluorobiphenyl
Concen: 73.729 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

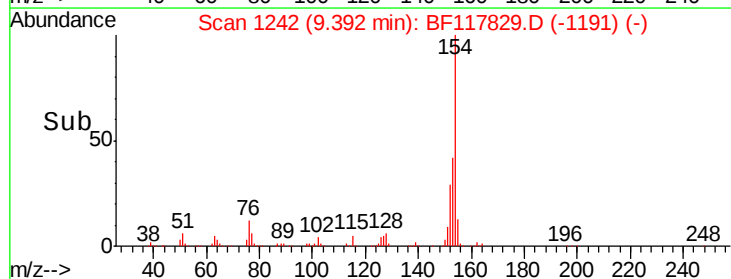
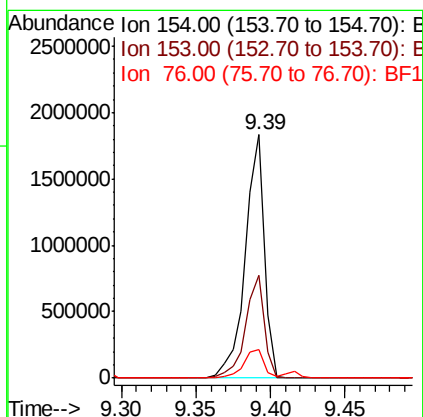
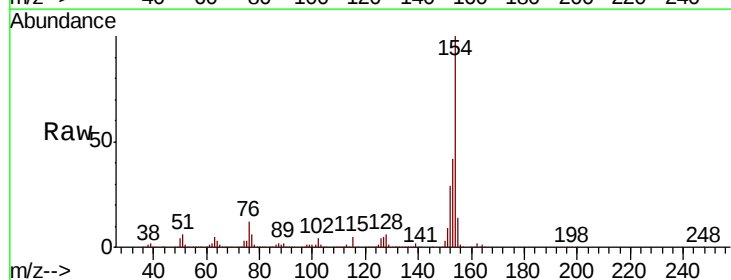
Instrument :
BNA_F
ClientSampleId :

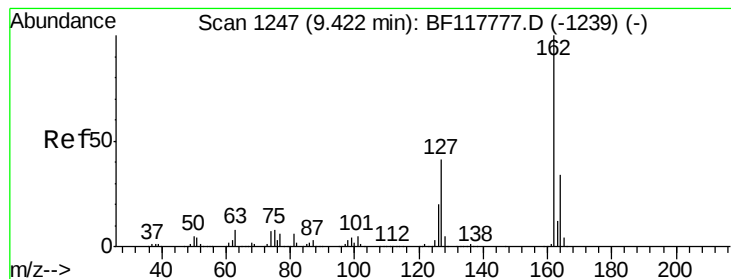
Tot Ion:172 Resp: 2117359
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 25.0 21.0 31.4



#46
1,1'-Biphenyl
Concen: 42.455 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:154 Resp: 1622814
Ion Ratio Lower Upper
154 100
153 42.4 21.9 61.9
76 11.8 0.0 33.6





#47

2-Chloronaphthalene

Concen: 41.215 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

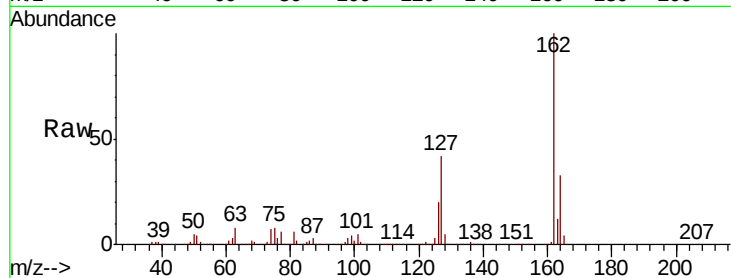
Tot Ion:162 Resp: 1296018

Ion Ratio Lower Upper

162 100

127 42.2 33.2 49.8

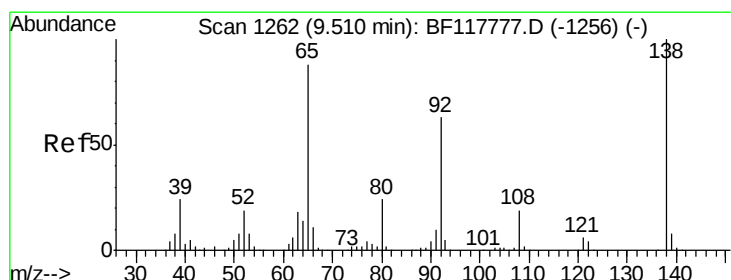
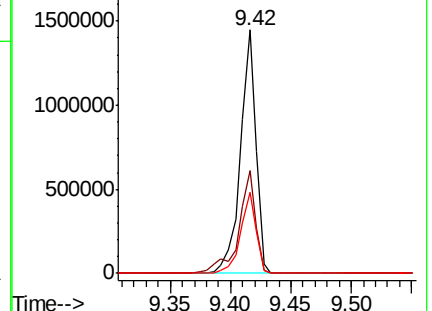
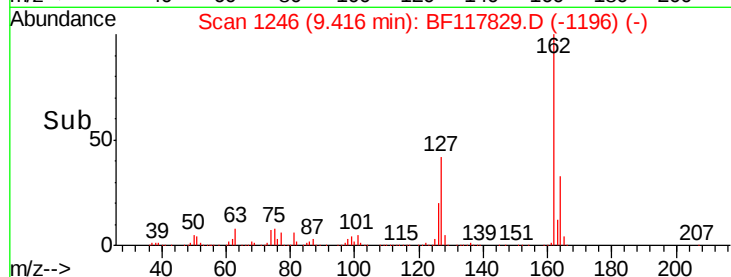
164 33.4 27.3 40.9



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: 42.320 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

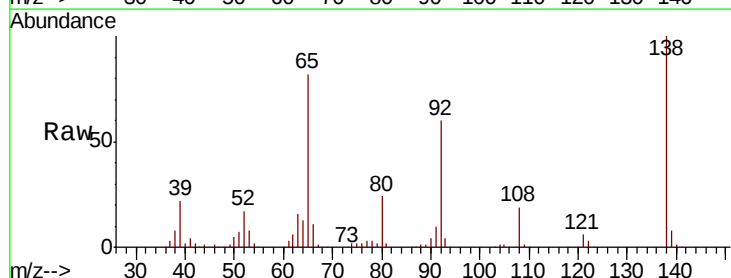
Tgt Ion: 65 Resp: 401762

Ion Ratio Lower Upper

65 100

92 72.8 56.6 84.8

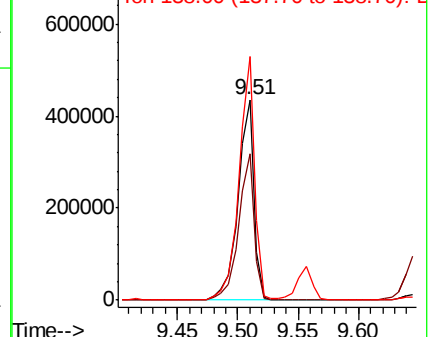
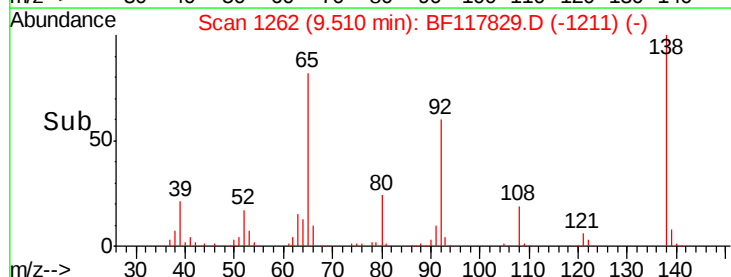
138 121.4 90.5 135.7

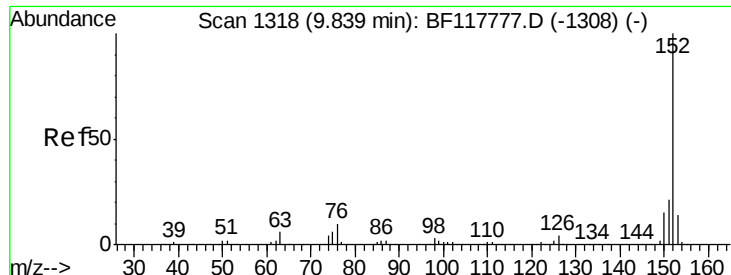


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.140 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampled :

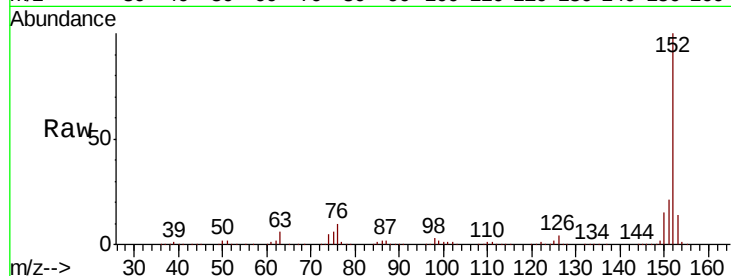
Tot Ion:152 Resp: 2023612

Ion Ratio Lower Upper

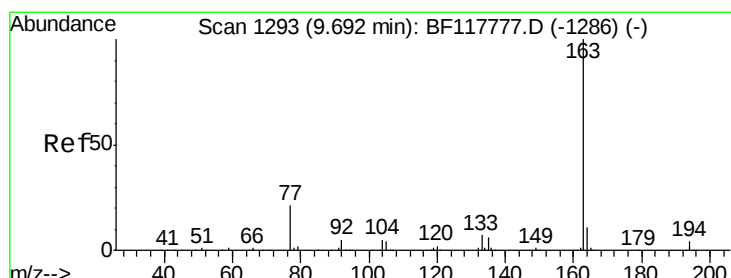
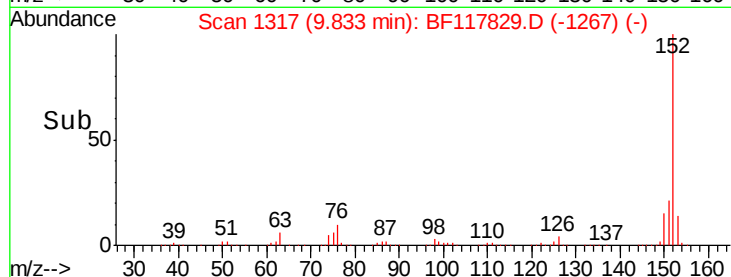
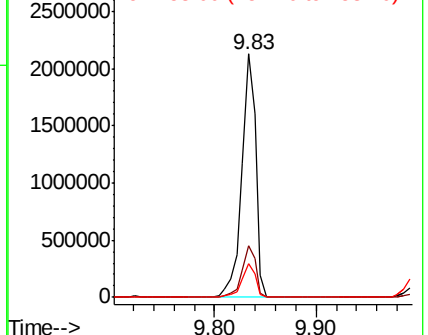
152 100

151 21.2 17.0 25.6

153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.063 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

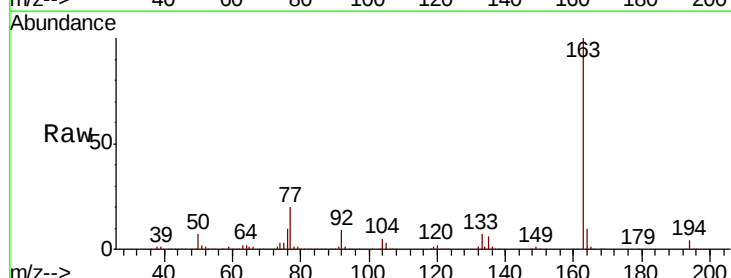
Tgt Ion:163 Resp: 1483561

Ion Ratio Lower Upper

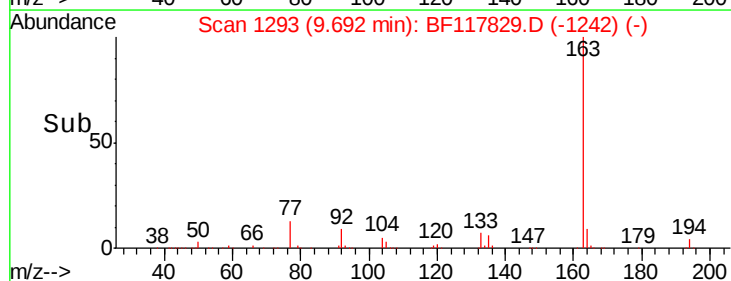
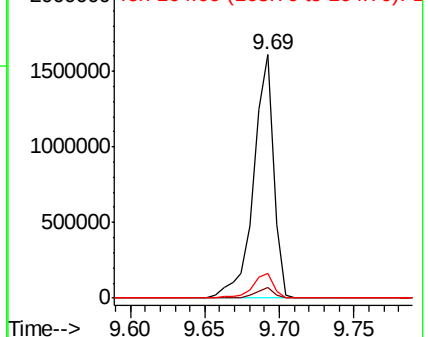
163 100

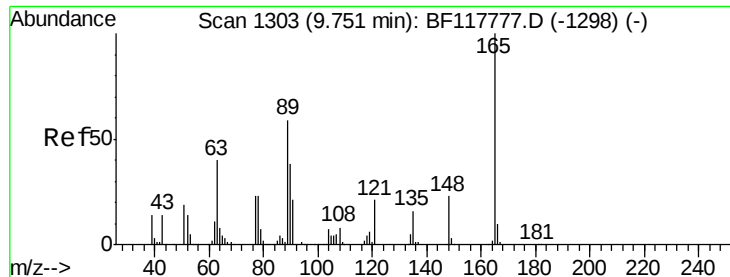
194 4.2 3.3 4.9

164 10.4 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 44.479 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

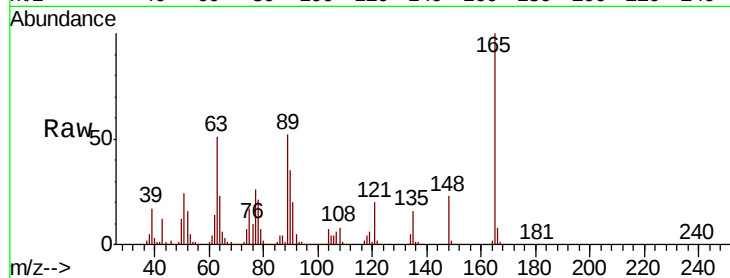
Tot Ion:165 Resp: 351211

Ion Ratio Lower Upper

165 100

63 51.2 46.0 69.0

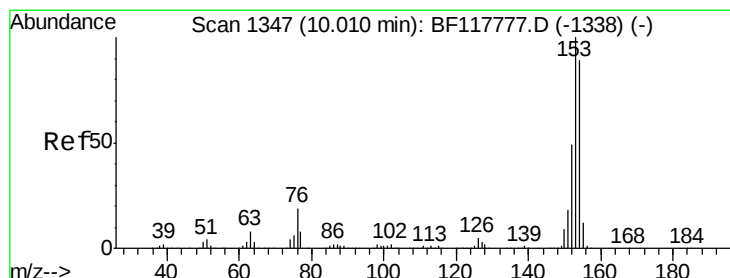
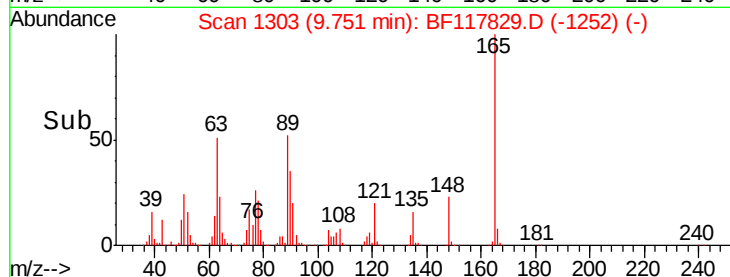
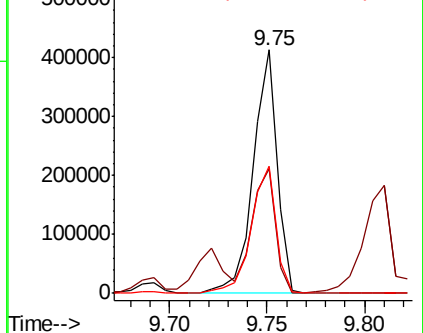
89 52.4 47.7 71.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.707 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

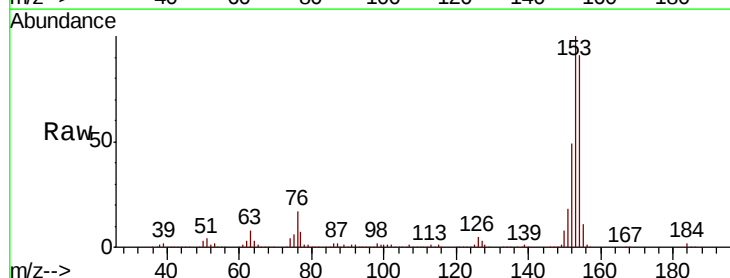
Tgt Ion:154 Resp: 1371711

Ion Ratio Lower Upper

154 100

153 109.4 90.1 135.1

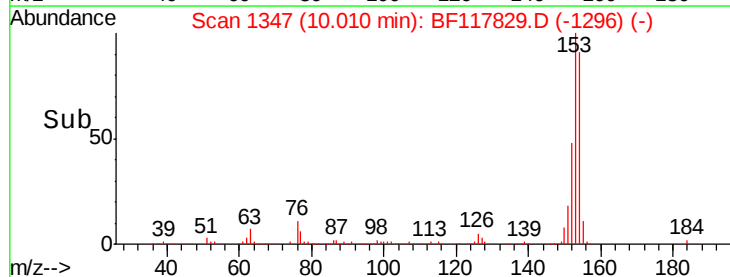
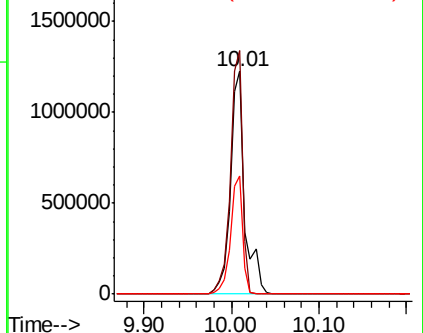
152 53.2 44.0 66.0

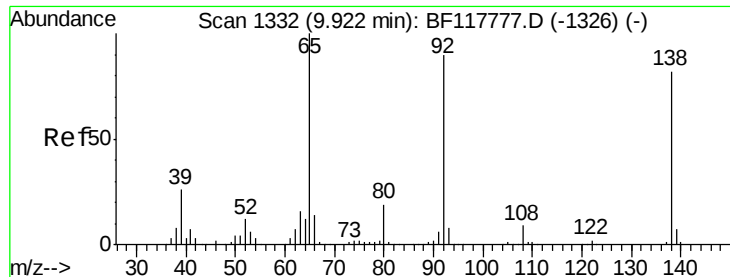


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

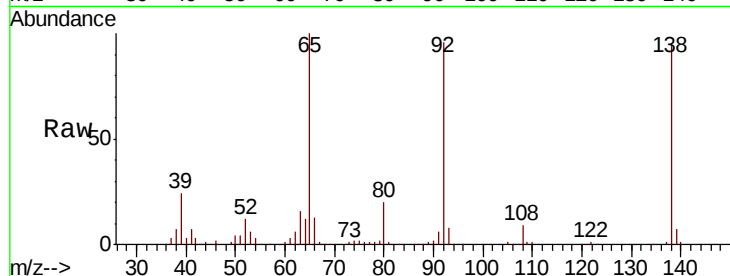




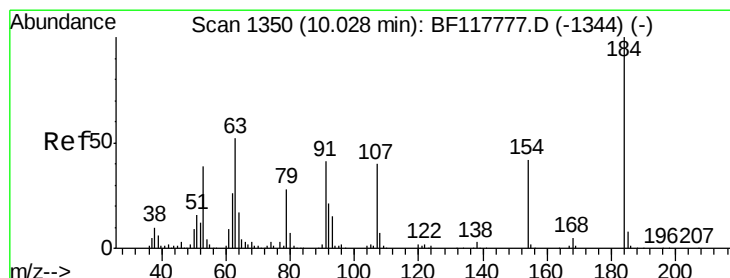
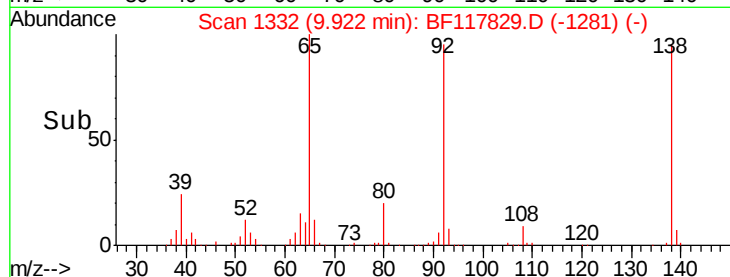
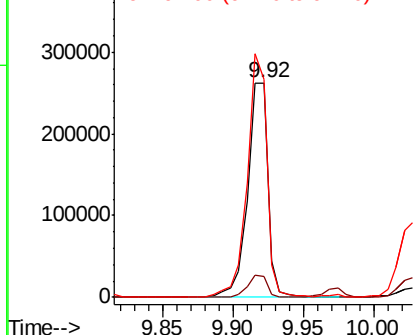
#53
3-Nitroaniline
Concen: 28.192 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 266369
Ion Ratio Lower Upper
138 100
108 9.5 8.6 12.8
92 101.6 87.9 131.9

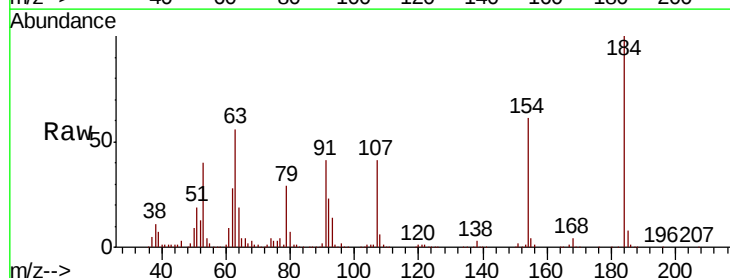


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

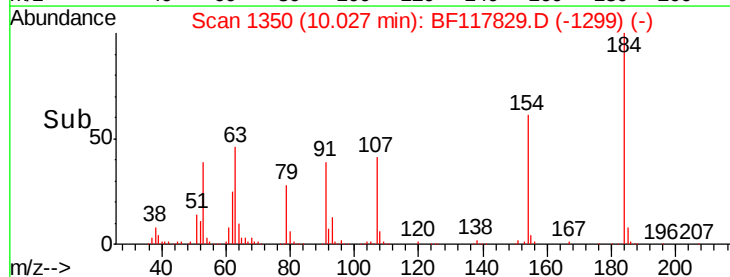
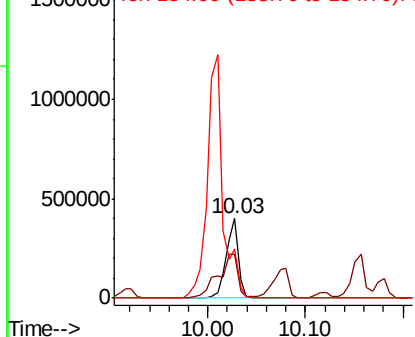


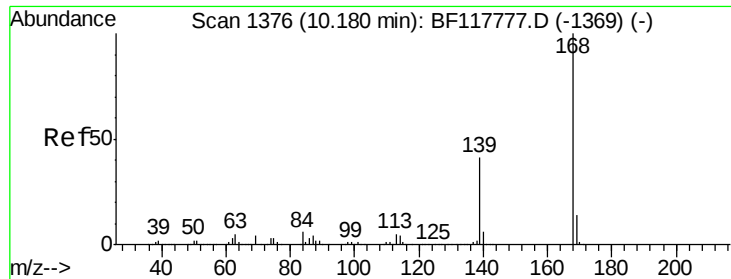
#54
2,4-Dinitrophenol
Concen: 85.067 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:184 Resp: 347169
Ion Ratio Lower Upper
184 100
63 55.6 43.0 64.6
154 61.4 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

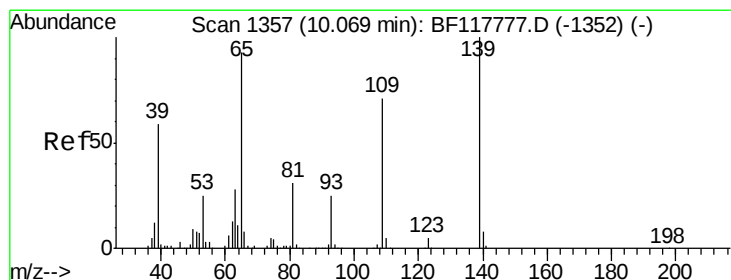
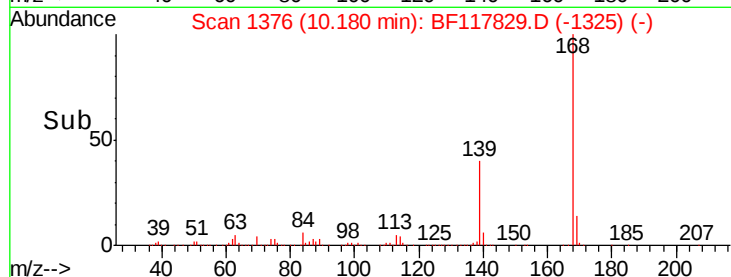
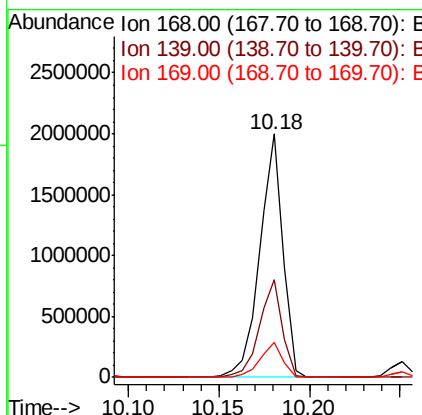
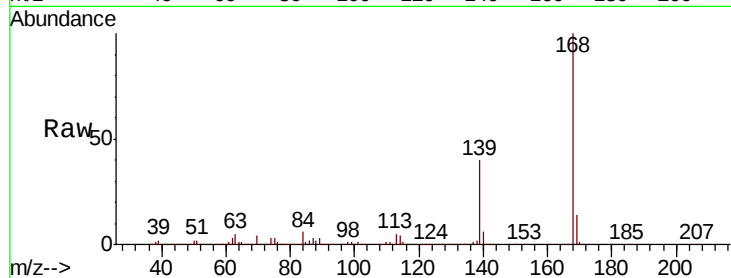




#55
Dibenzenofuran
Concen: 43.632 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

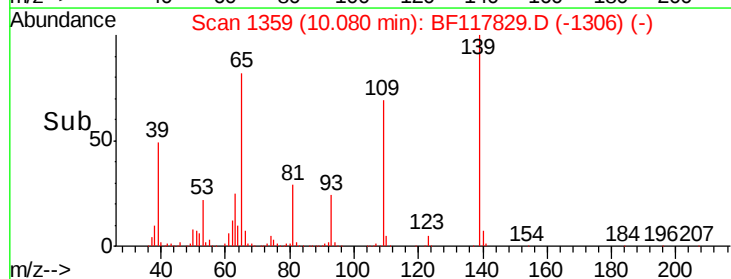
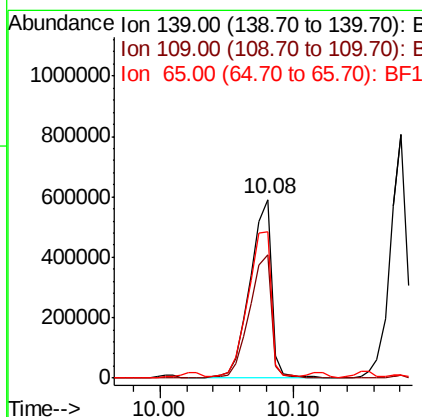
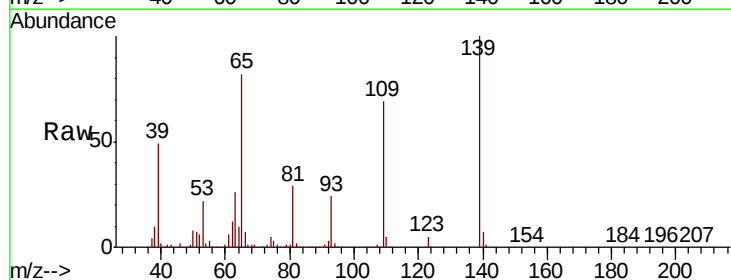
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1774437
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 91.881 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:139 Resp: 647993
Ion Ratio Lower Upper
139 100
109 68.9 50.8 90.8
65 82.1 73.6 113.6

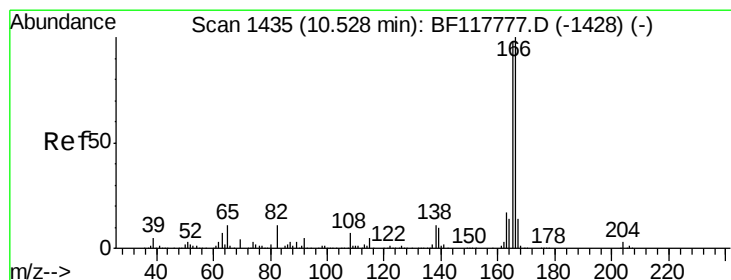
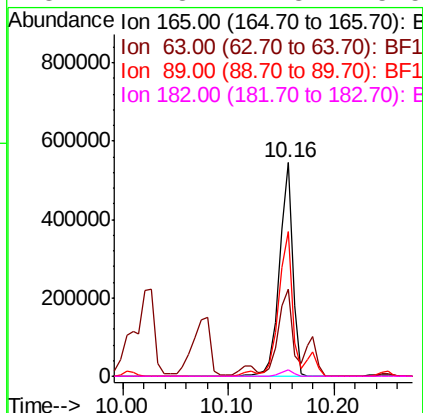
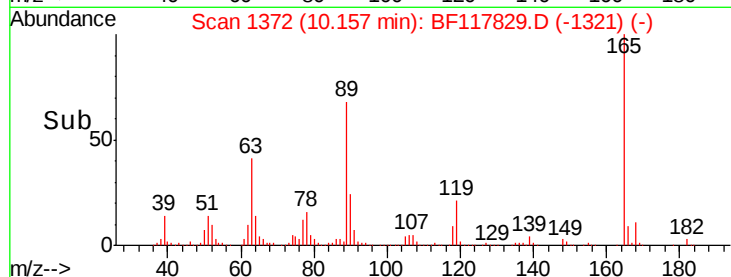
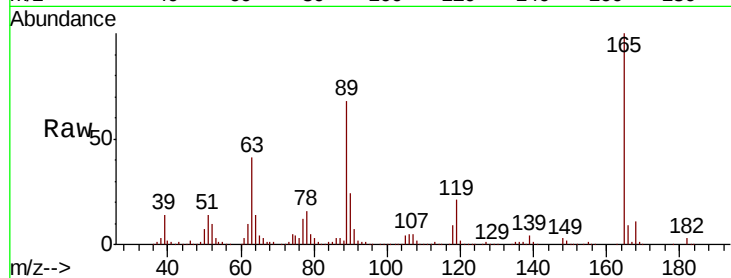




#57
2,4-Dinitrotoluene
Concen: 46.182 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

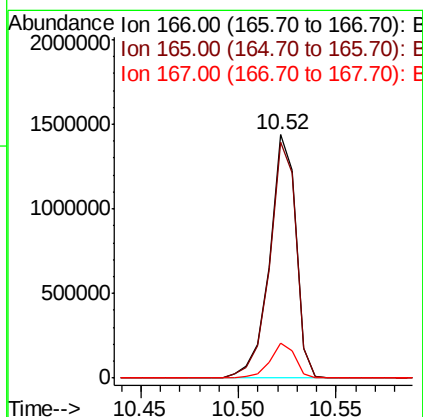
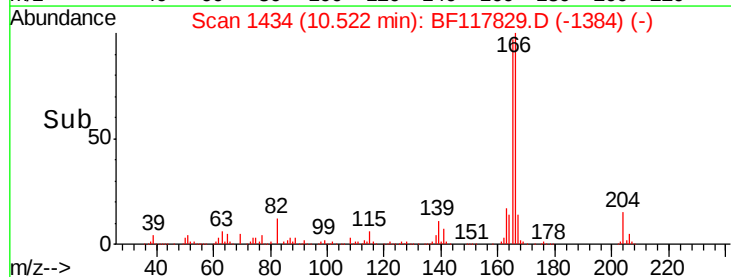
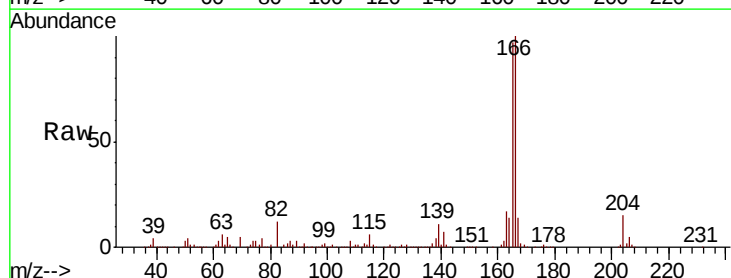
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.7	50.5
89	67.6	57.3	85.9
182	2.8	2.3	3.5



#58
Fluorene
Concen: 42.563 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	14.2	11.0	16.4

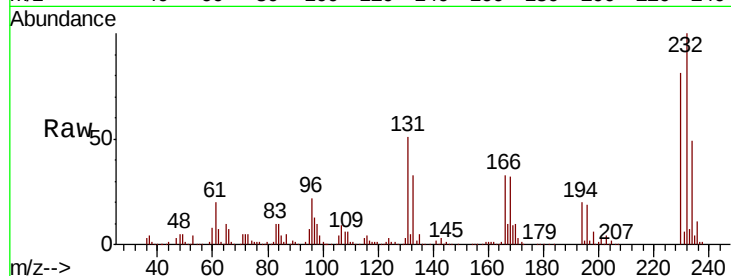




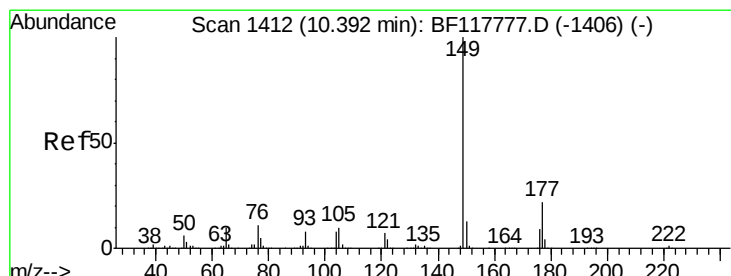
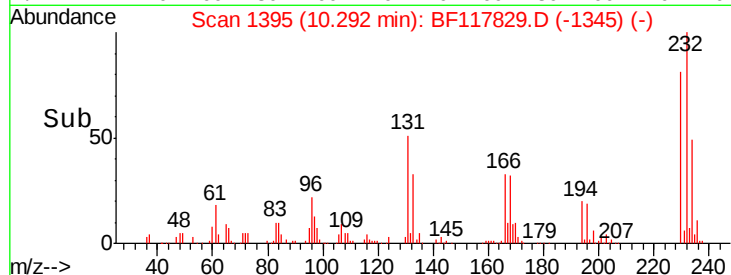
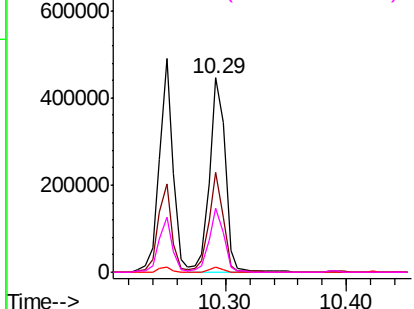
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.578 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.6	56.4
130	2.4	1.9	2.9
166	30.8	24.2	36.4

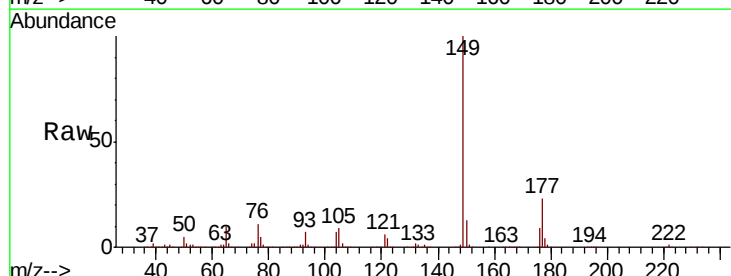


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

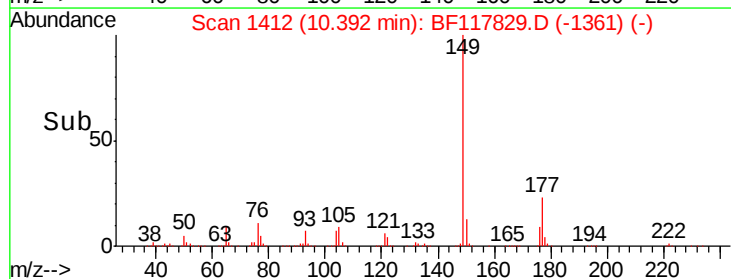
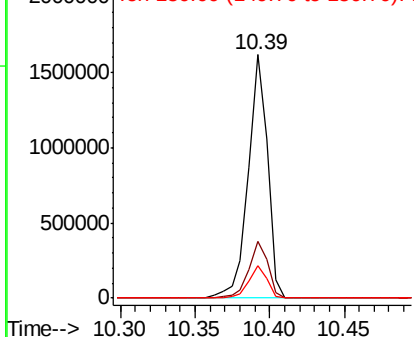


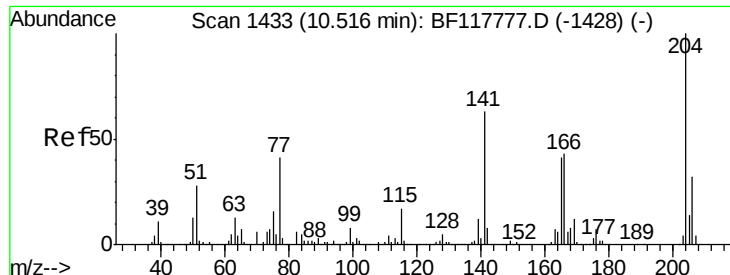
#60
Diethylphthalate
Concen: 40.772 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	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

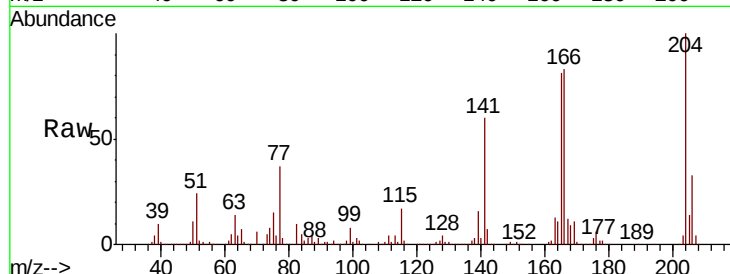




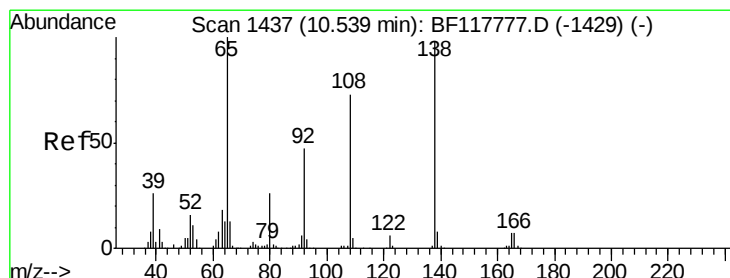
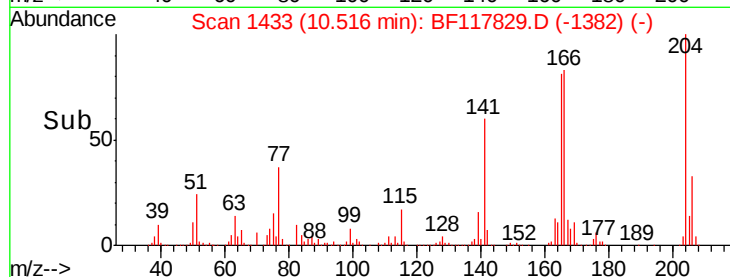
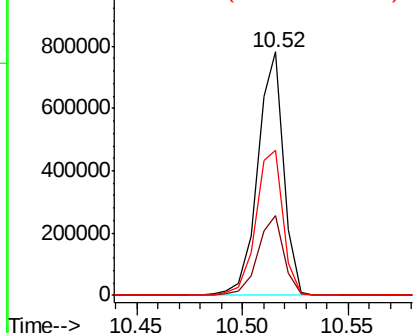
#61
4-Chlorophenyl-phenylether
Concen: 41.725 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 667321
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 59.5 50.7 76.1

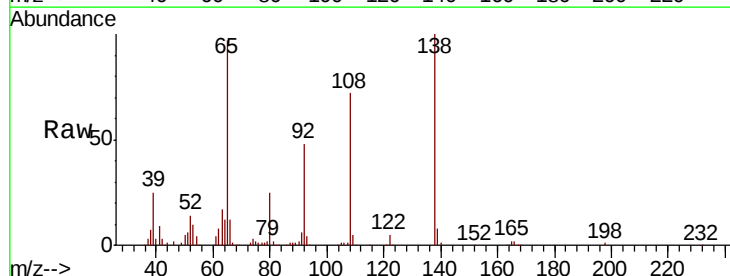


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

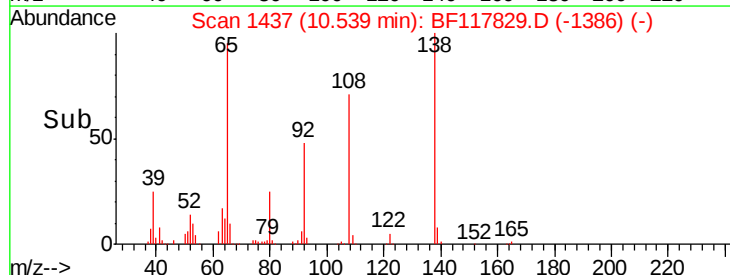
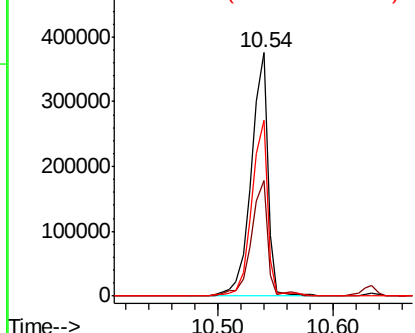


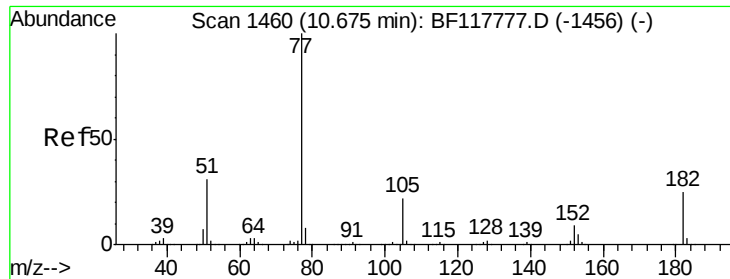
#62
4-Nitroaniline
Concen: 39.786 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:138 Resp: 376384
Ion Ratio Lower Upper
138 100
92 47.7 28.3 68.3
108 72.3 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.322 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1356199

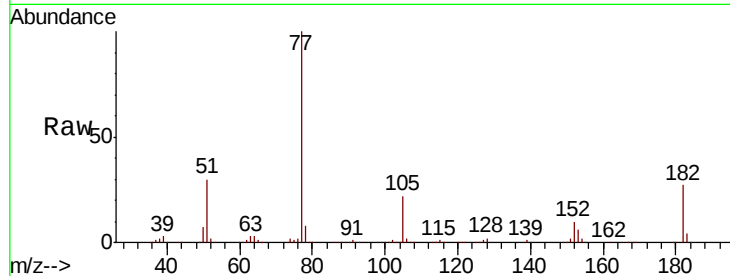
Ion Ratio Lower Upper

77 100

182 26.9 4.8 44.8

105 22.2 2.1 42.1

51 30.1 11.4 51.4

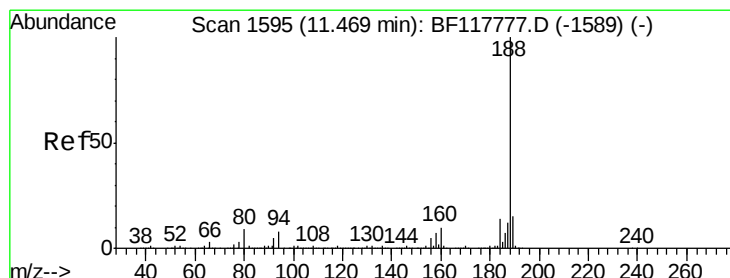
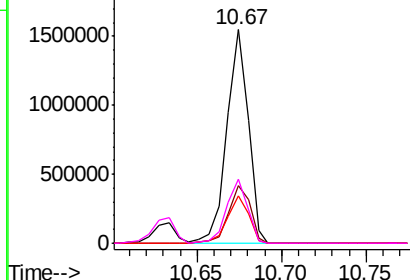
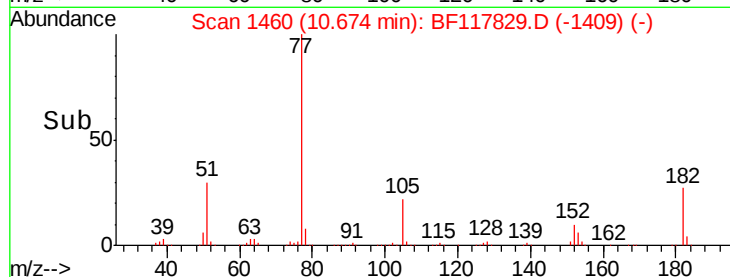


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

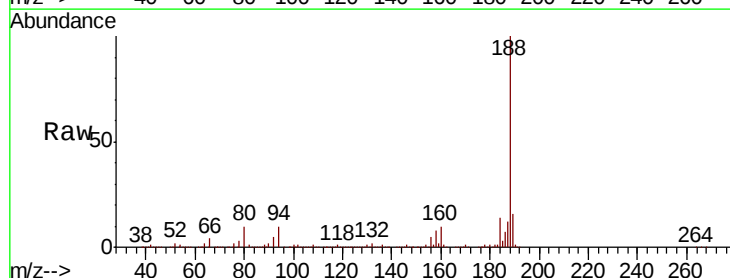
Tgt Ion: 188 Resp: 969348

Ion Ratio Lower Upper

188 100

94 9.6 6.6 10.0

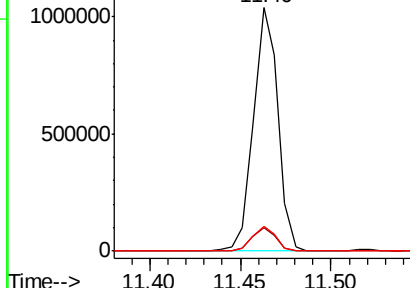
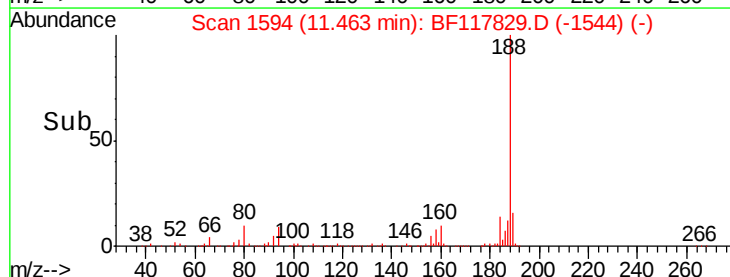
80 10.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.042 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampled :

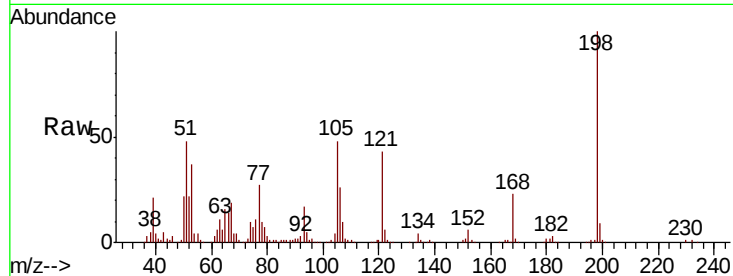
Tot Ion:198 Resp: 235505

Ion Ratio Lower Upper

198 100

51 47.7 16.0 56.0

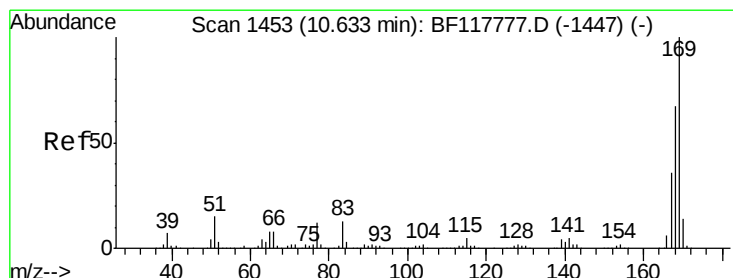
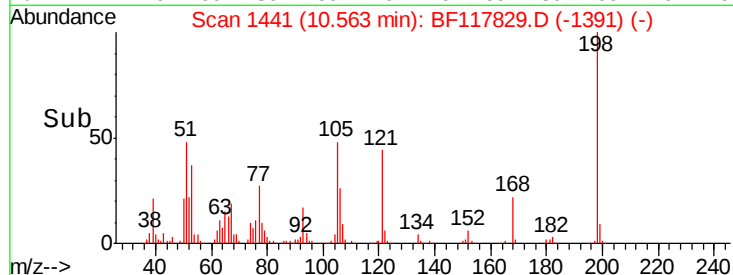
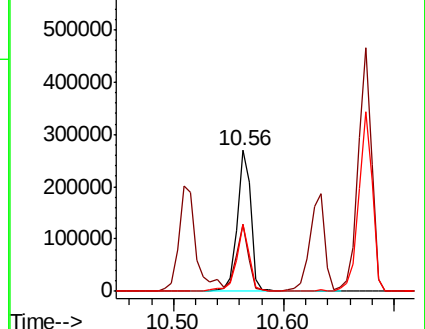
105 47.5 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.141 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

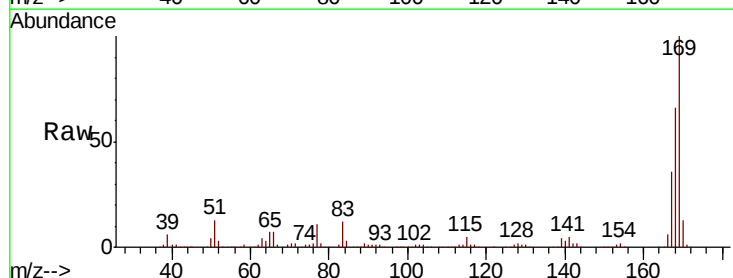
Tgt Ion:169 Resp: 1217038

Ion Ratio Lower Upper

169 100

168 65.9 53.5 80.3

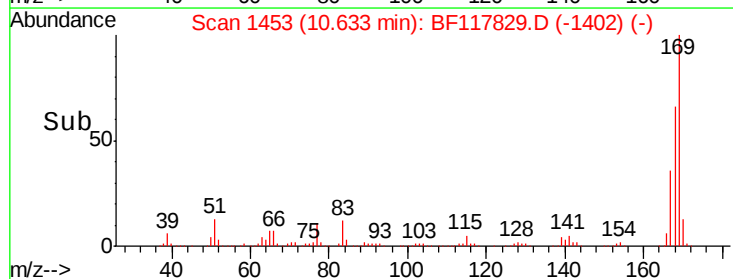
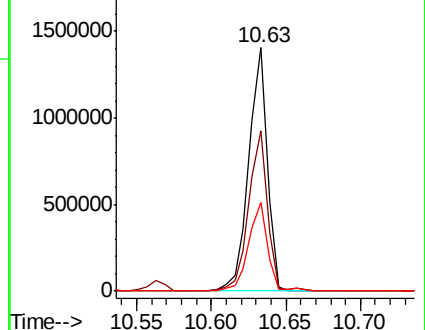
167 36.4 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

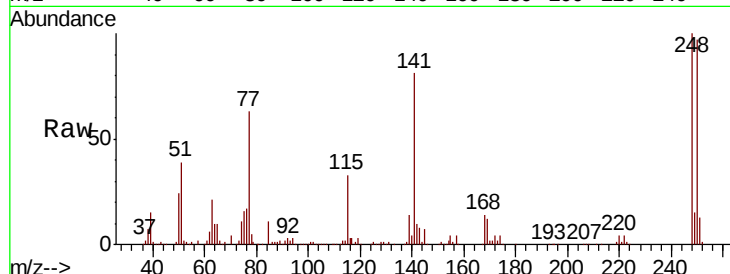




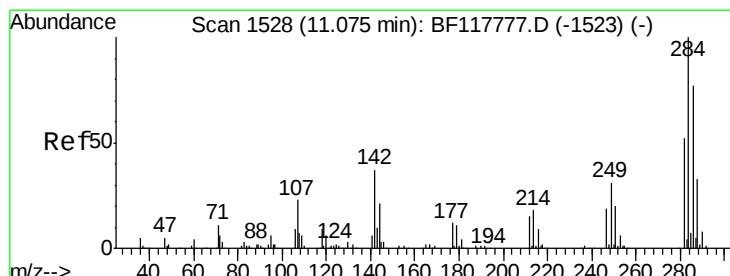
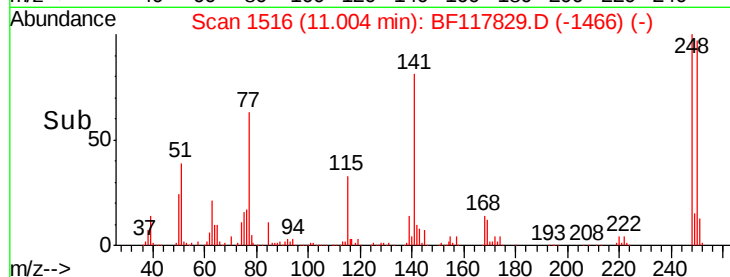
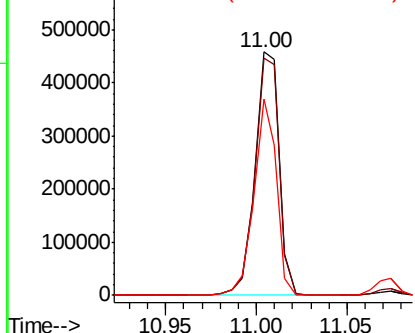
#67
4-Bromophenyl-phenylether
Concen: 40.728 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 425978
Ion Ratio Lower Upper
248 100
250 97.2 76.6 115.0
141 80.7 55.9 83.9

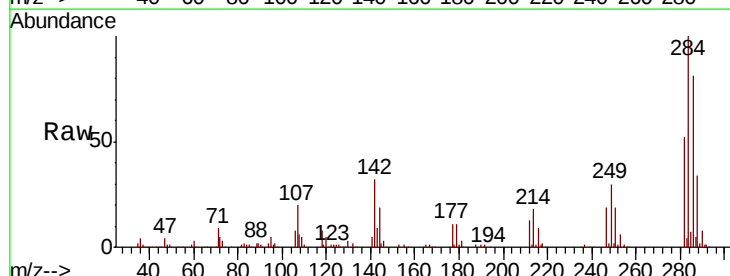


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

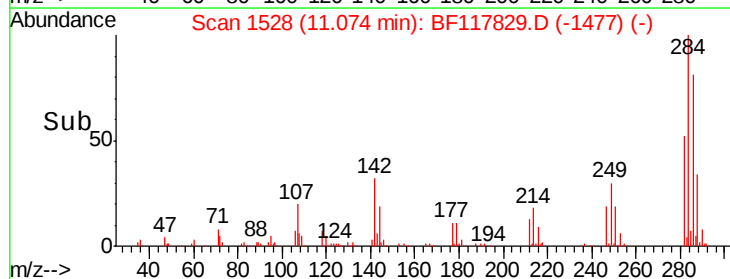
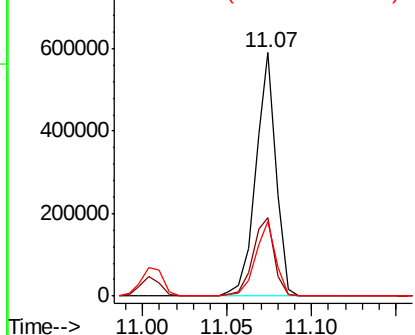


#68
Hexachlorobenzene
Concen: 40.502 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:284 Resp: 493951
Ion Ratio Lower Upper
284 100
142 32.4 29.4 44.2
249 30.4 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

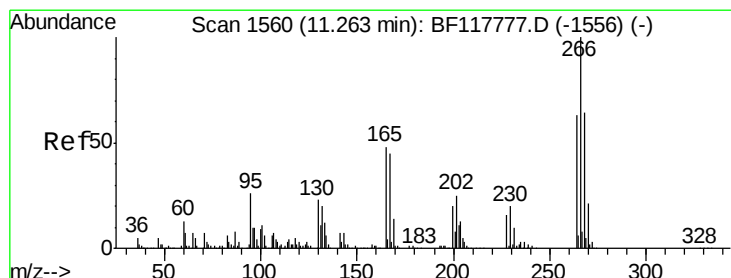
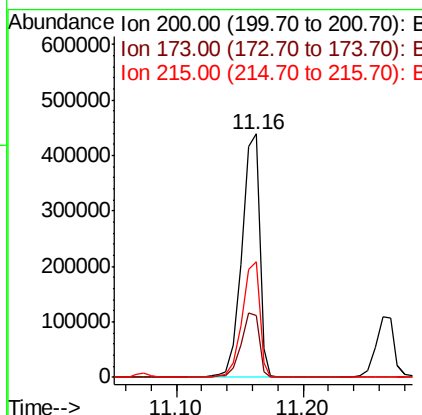
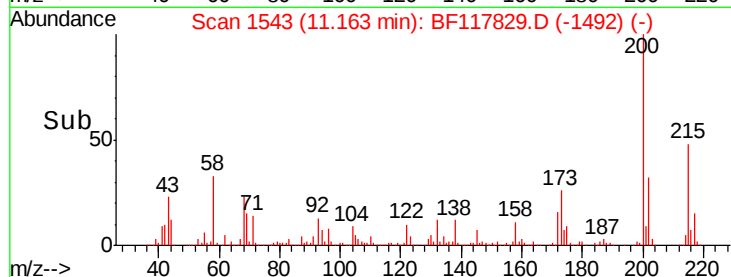
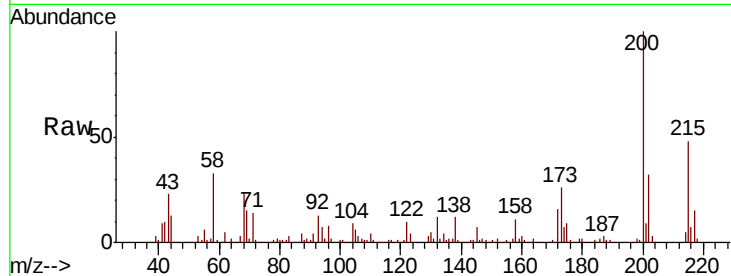




#69
 Atrazine
 Concen: 45.449 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

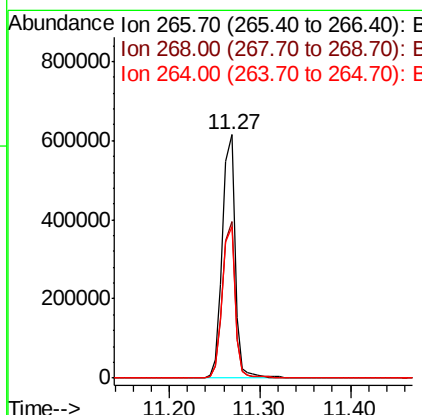
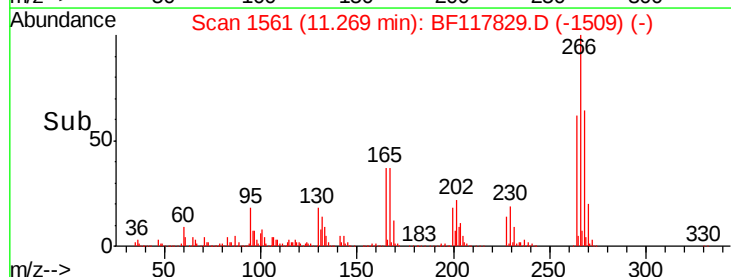
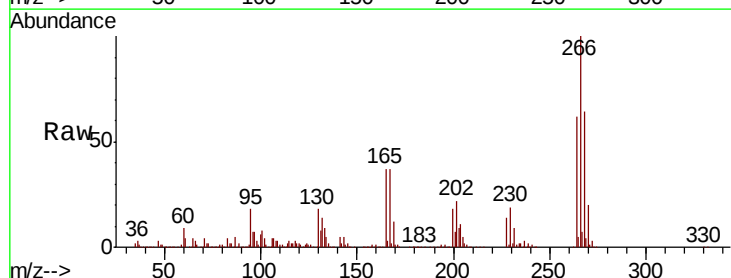
Instrument :
 BNA_F
 ClientSampled :

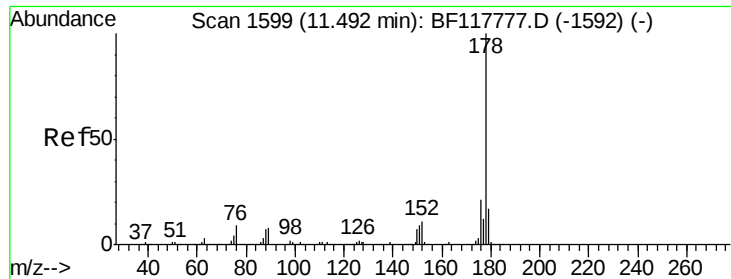
Tot Ion:200 Resp: 421764
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.7 46.7
 215 47.7 27.5 67.5



#70
 Pentachlorophenol
 Concen: 84.358 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:266 Resp: 601067
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.8 76.2
 264 62.5 50.7 76.1





#71

Phenanthrene

Concen: 42.153 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

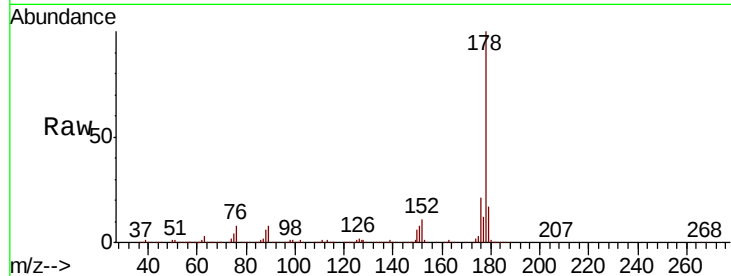
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2054360

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.6	25.0
179	16.6	13.2	19.8

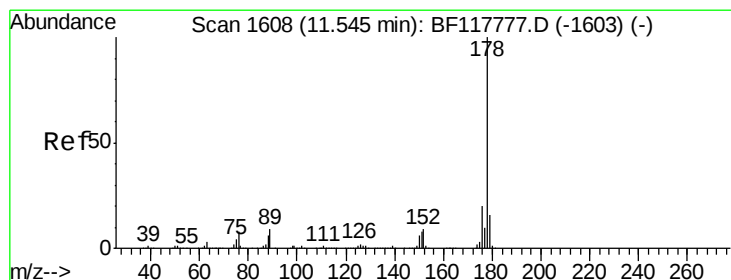
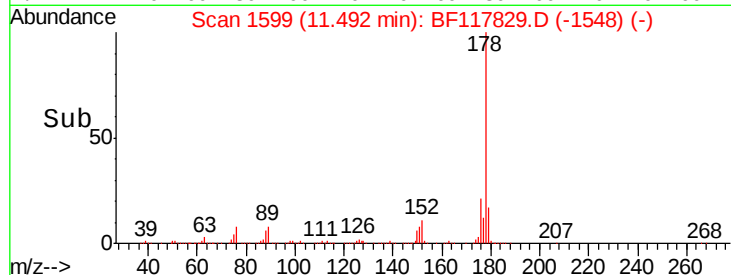
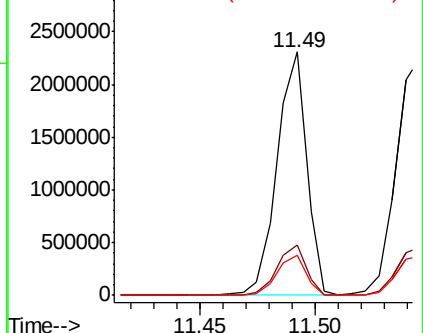


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.671 ng

RT: 11.55 min Scan# 1608

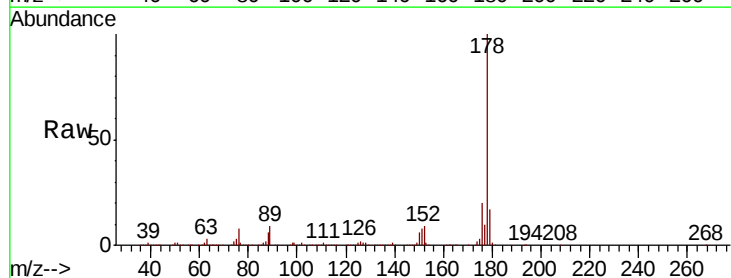
Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion:178 Resp: 2110193

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.6	13.0	19.4

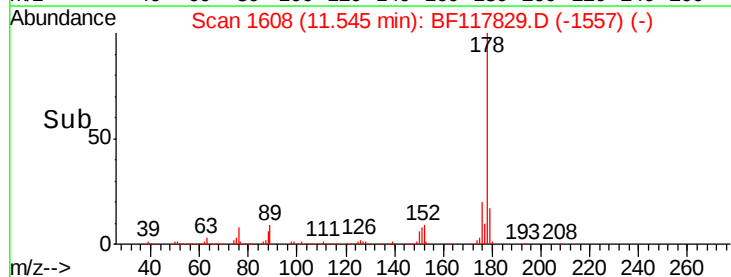
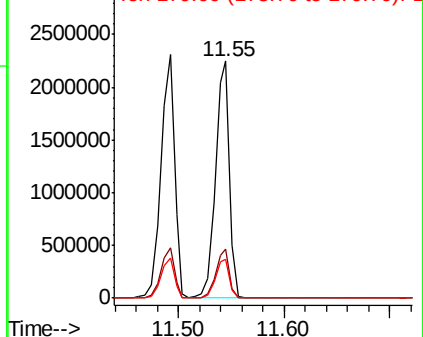


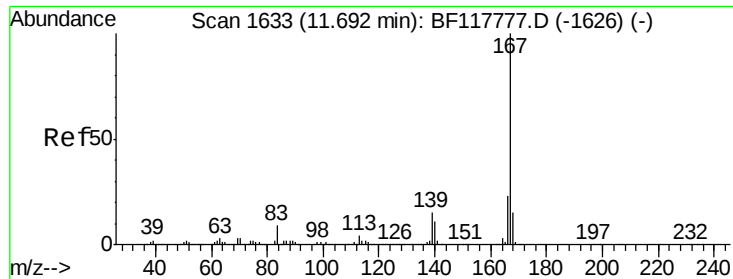
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

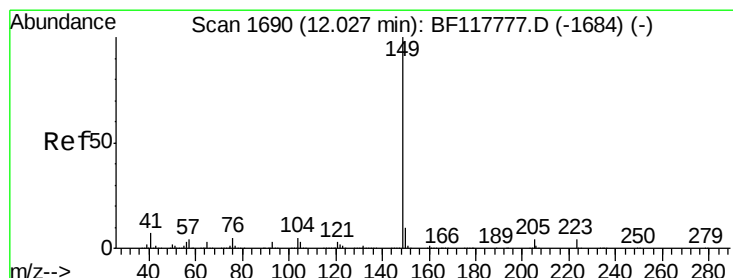
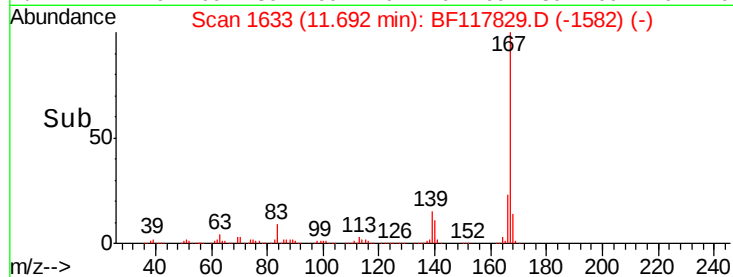
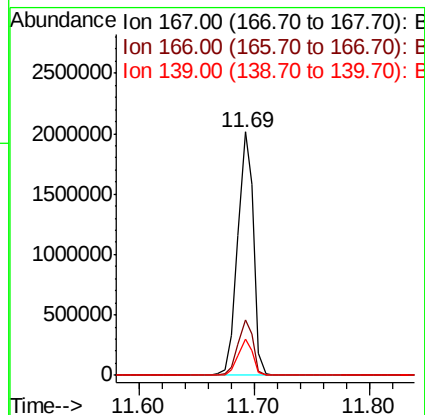
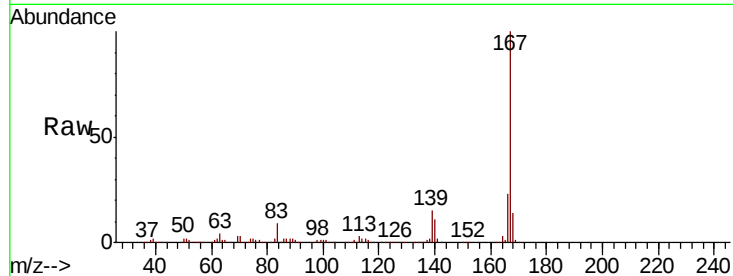




#73
 Carbazole
 Concen: 45.102 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

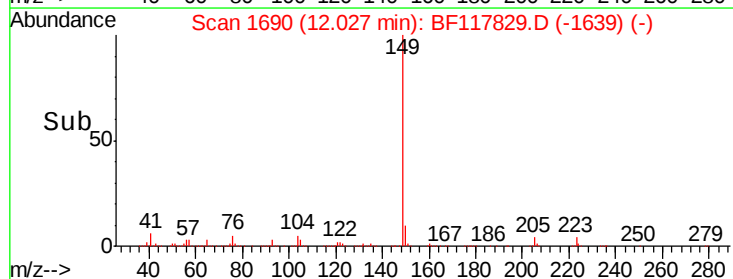
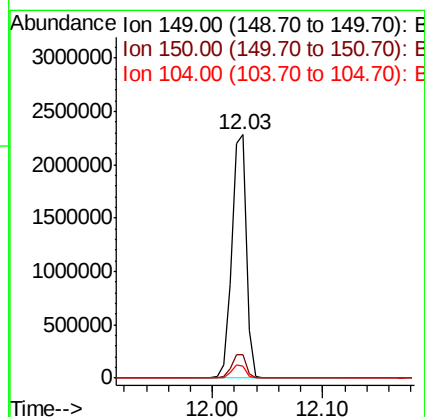
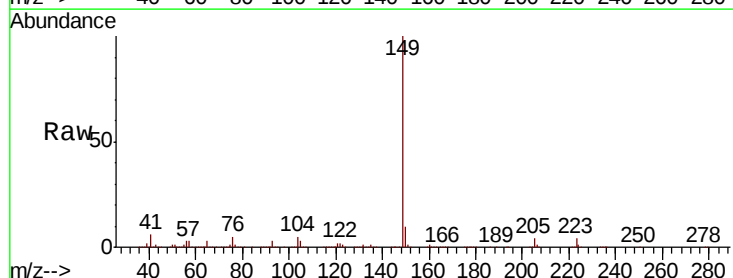
Instrument :
 BNA_F
 ClientSampled :

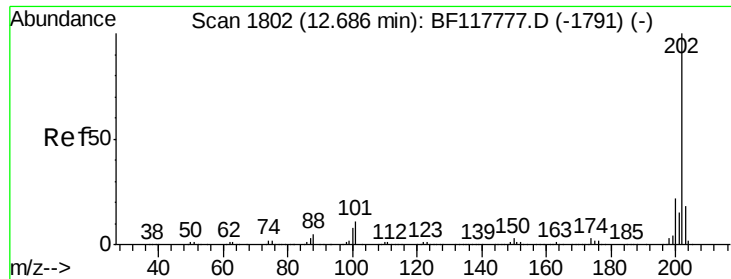
Tot Ion:167 Resp: 1904418
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 14.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 40.250 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117829.D
 Acq: 18 Nov 2019 12:26

Tgt Ion:149 Resp: 2116062
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 4.9 4.2 6.4

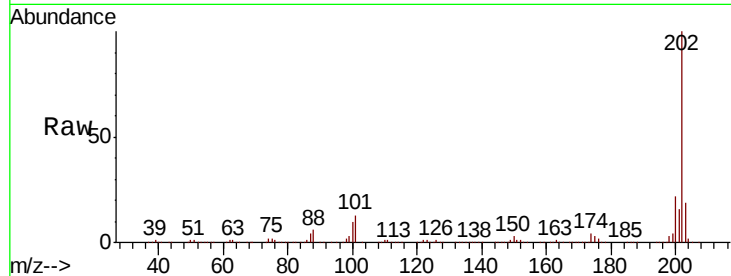




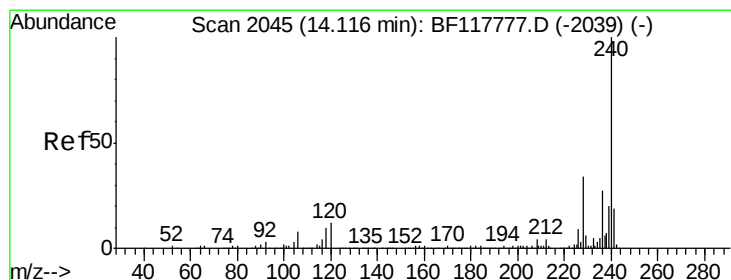
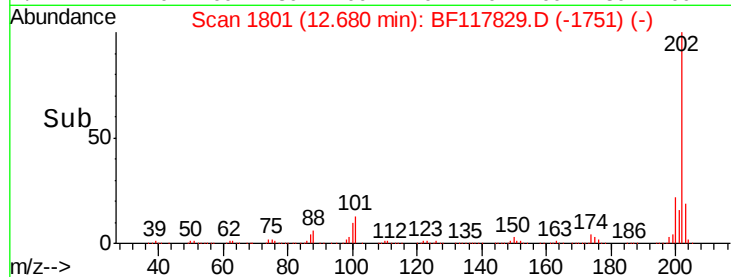
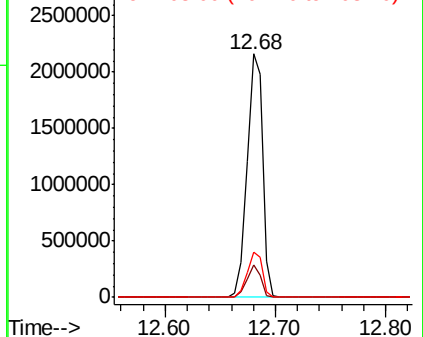
#75
Fluoranthene
Concen: 48.887 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2140776
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.1
203 18.7 0.0 38.2

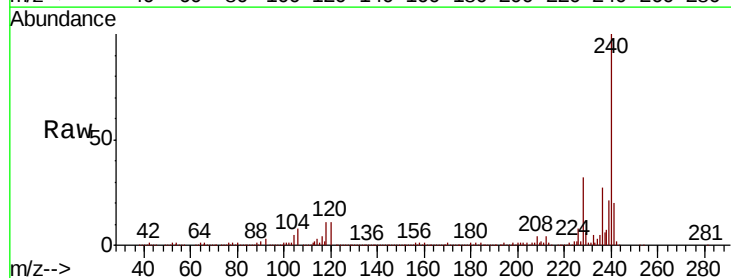


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

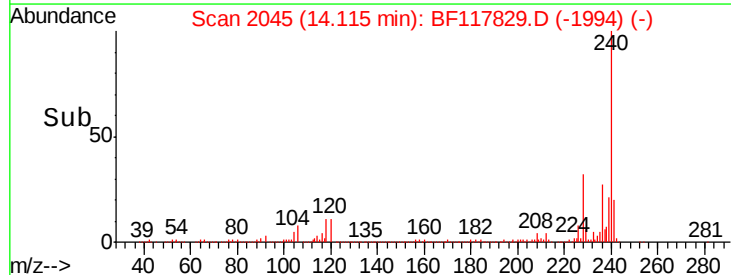
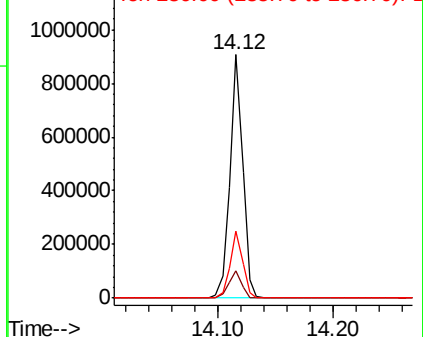


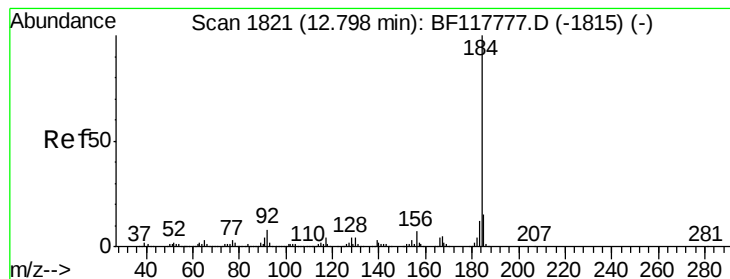
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:240 Resp: 695227
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 27.4 21.3 31.9



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





#77

Benzidine

Concen: 21.545 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

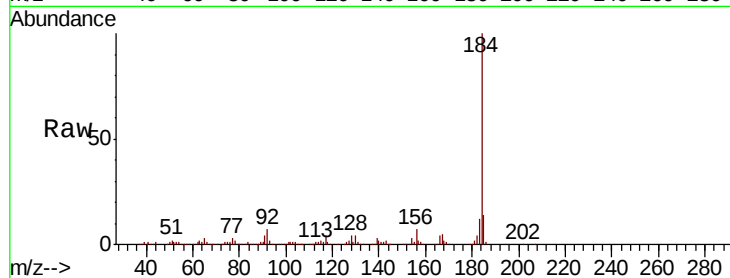
Tot Ion:184 Resp: 490629

Ion Ratio Lower Upper

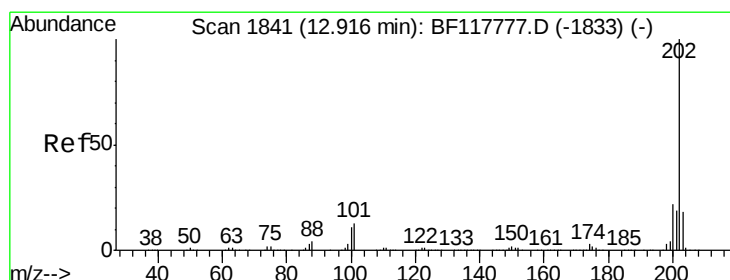
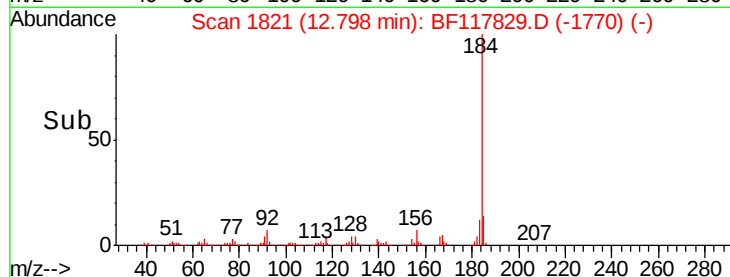
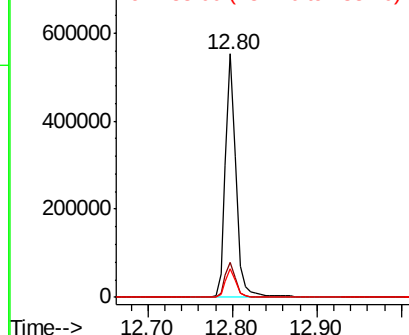
184 100

185 14.2 12.2 18.4

183 11.8 9.5 14.3



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



#78

Pyrene

Concen: 38.754 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

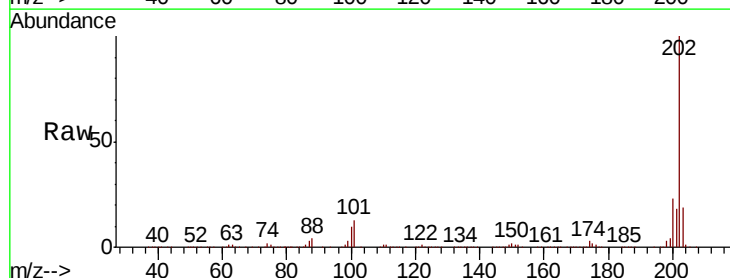
Tgt Ion:202 Resp: 2177384

Ion Ratio Lower Upper

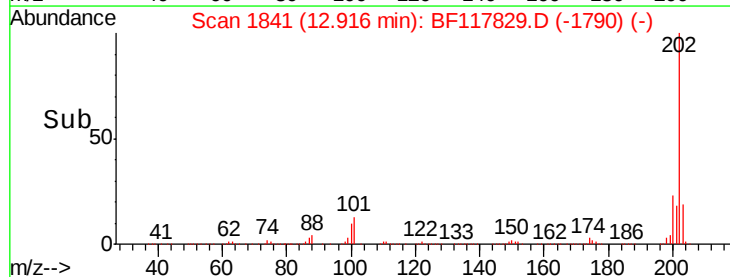
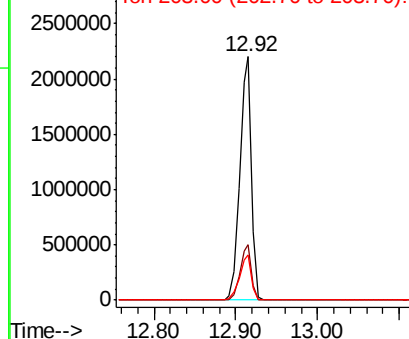
202 100

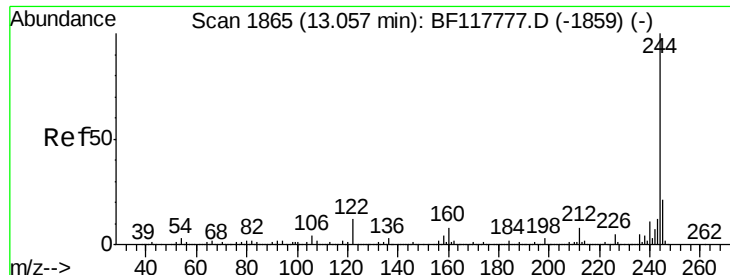
200 22.8 17.8 26.8

203 18.7 14.6 22.0



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





#79

Terphenyl-d14

Concen: 61.491 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Instrument :

BNA_F

ClientSampleId :

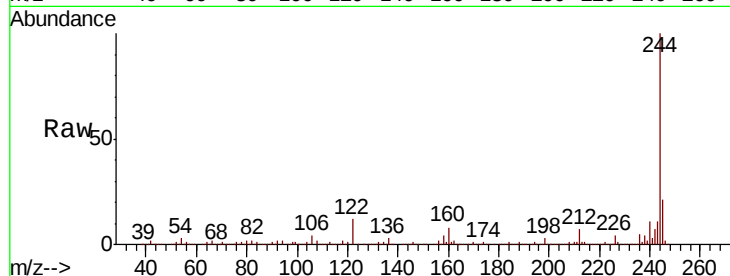
Tot Ion:244 Resp: 2339126

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

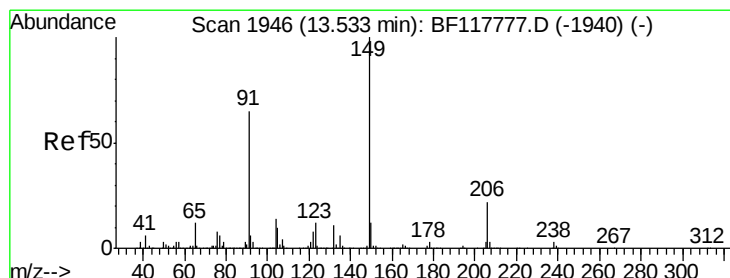
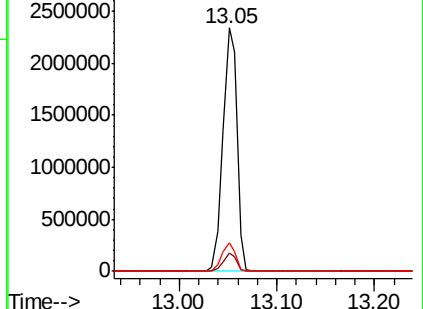
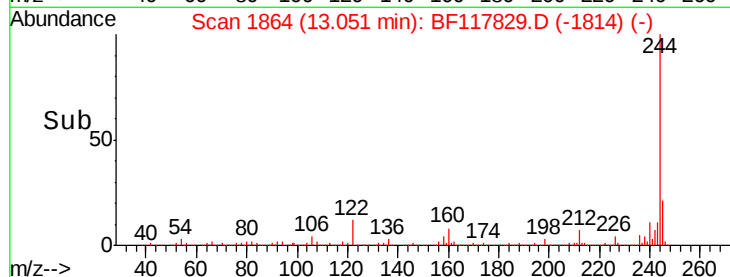
122 12.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.248 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

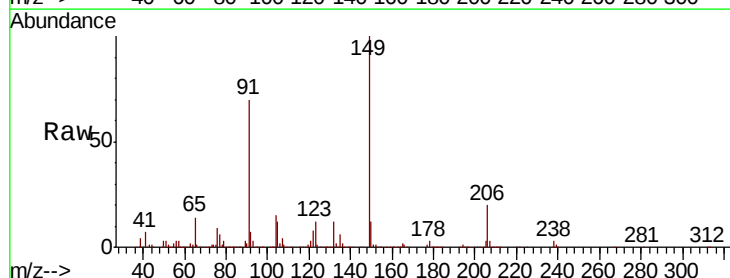
Tgt Ion:149 Resp: 922974

Ion Ratio Lower Upper

149 100

91 70.4 51.9 77.9

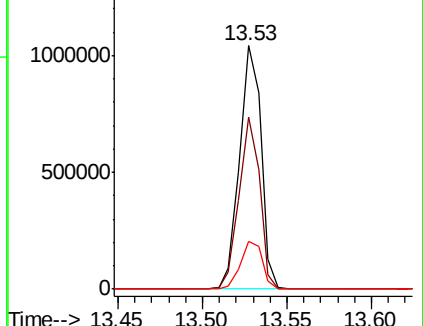
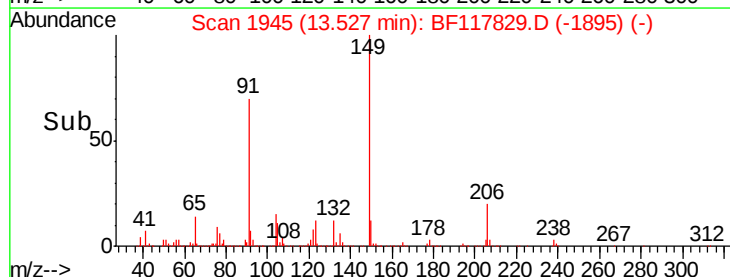
206 19.8 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.777 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

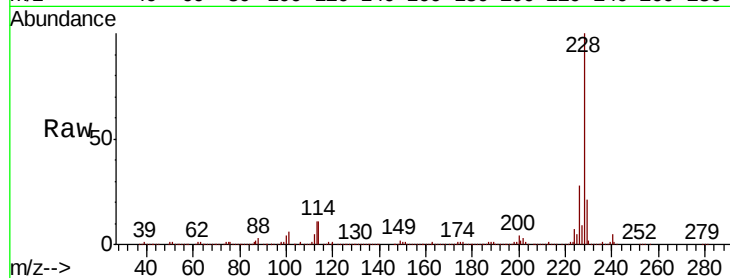
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1873378

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.8	15.9	23.9

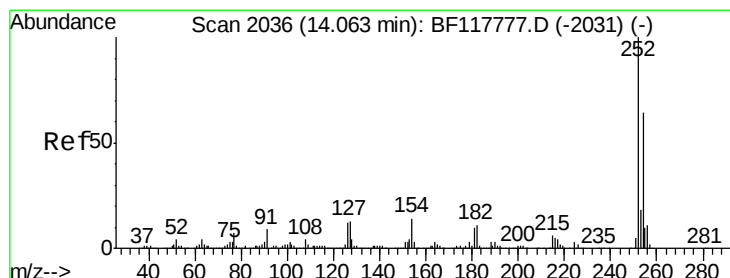
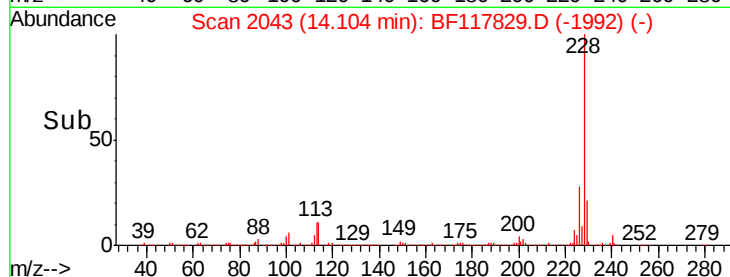
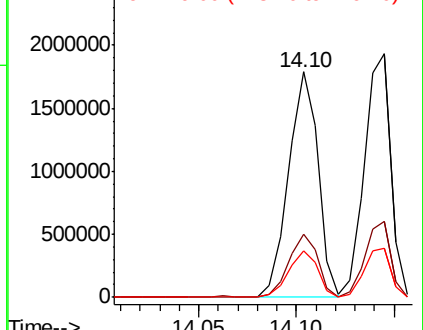


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.816 ng

RT: 14.06 min Scan# 2036

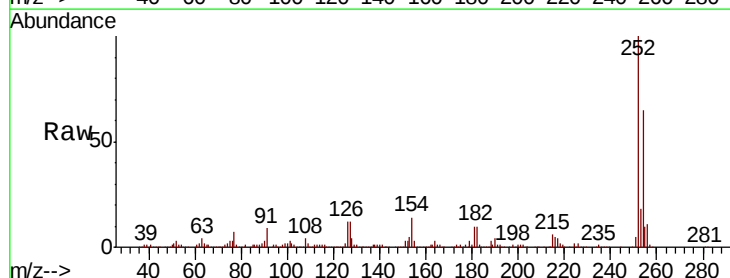
Delta R.T. -0.00 min

Lab File: BF117829.D

Acq: 18 Nov 2019 12:26

Tgt Ion:252 Resp: 575574

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.0	76.6
126	12.2	9.7	14.5

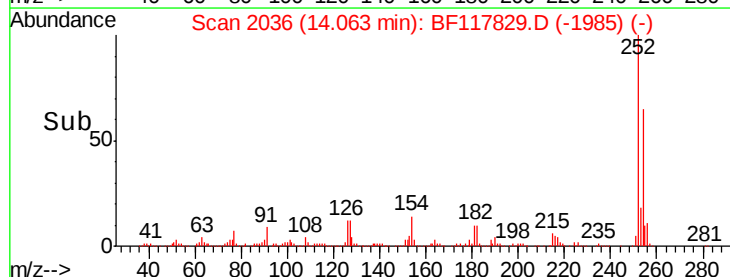
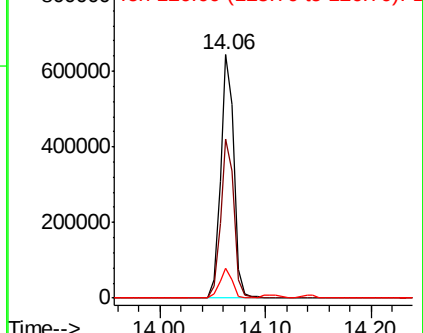


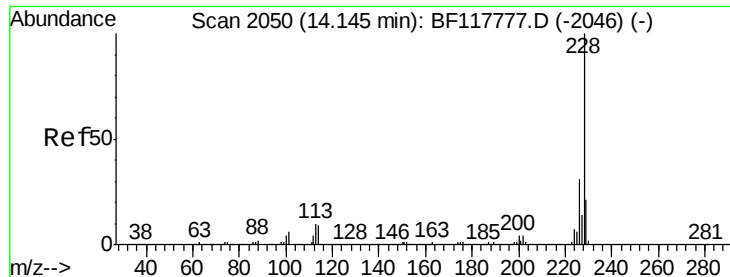
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

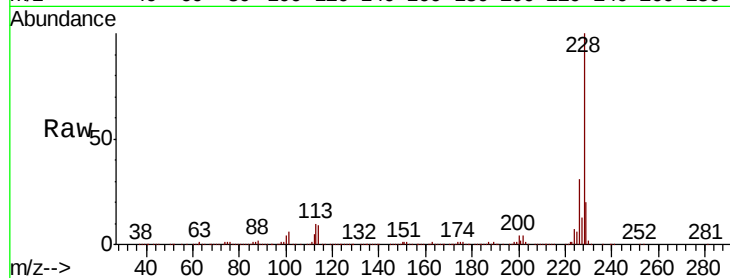




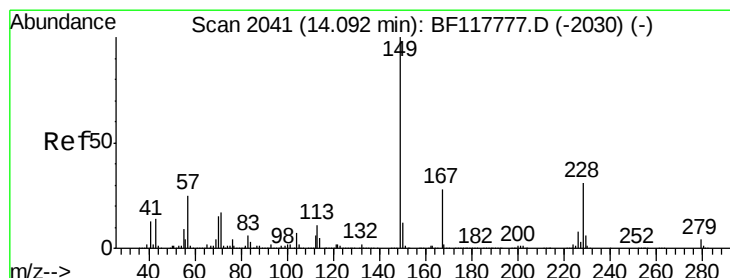
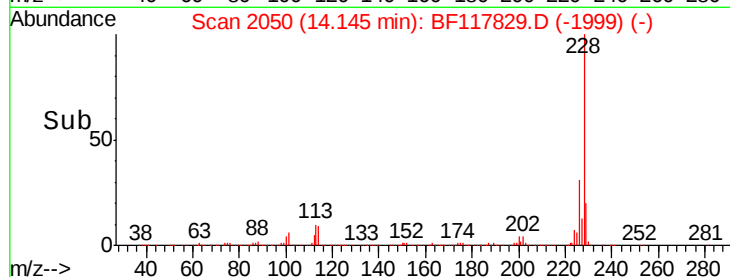
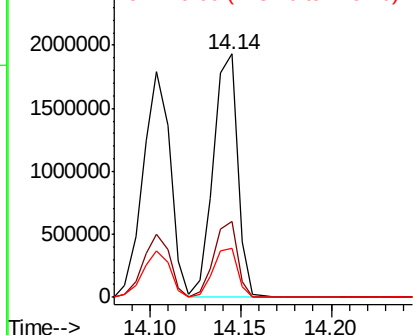
#83
Chrysene
Concen: 40.565 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1805839
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.3 16.6 25.0

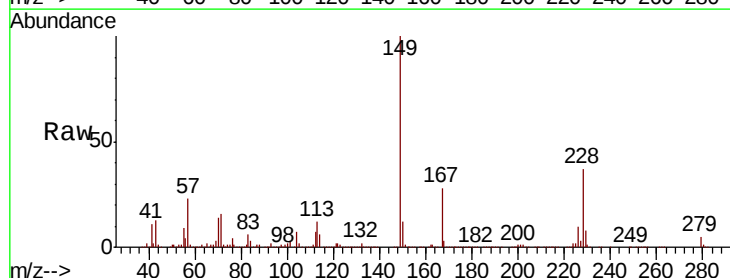


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

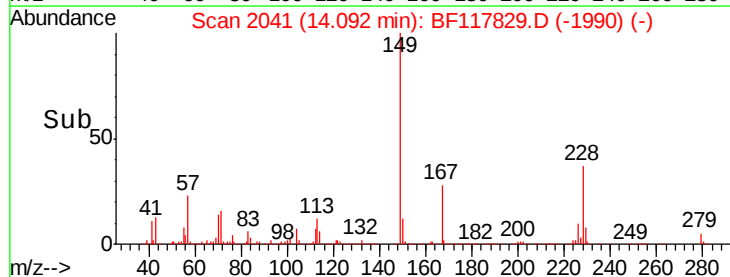
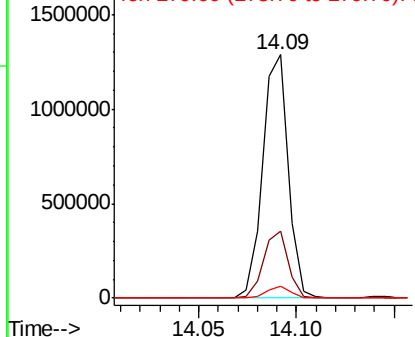


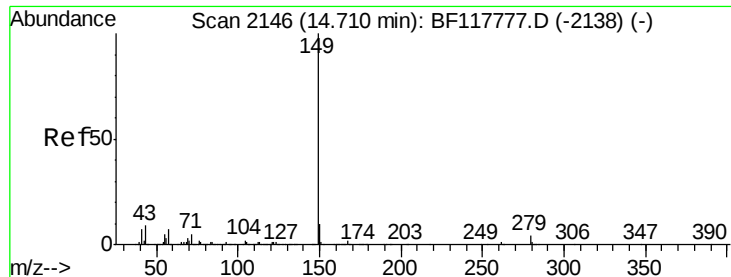
#84
Bis(2-ethylhexyl)phthalate
Concen: 39.893 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:149 Resp: 1167111
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.8 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

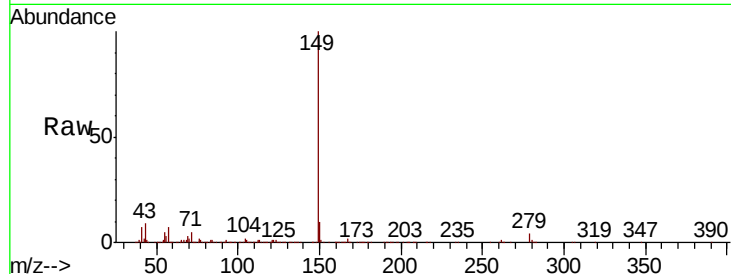




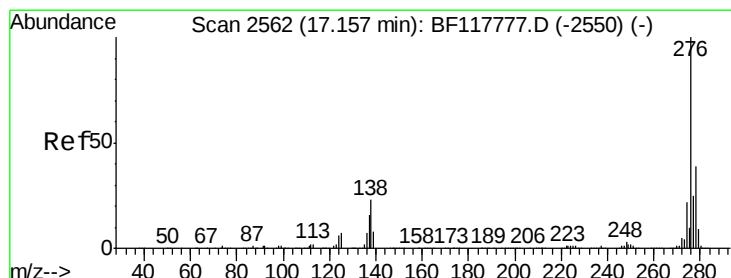
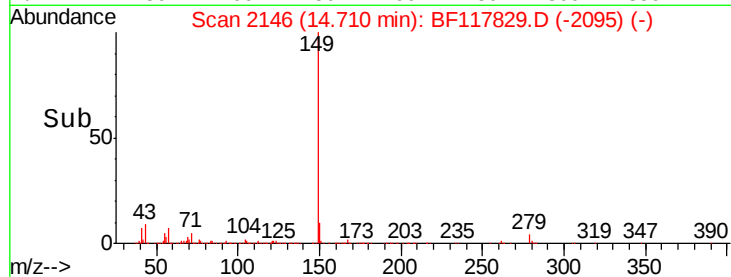
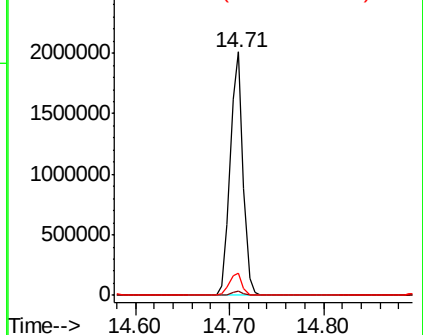
#85
Di-n-octyl phthalate
Concen: 44.120 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1896272
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 7.4 11.2

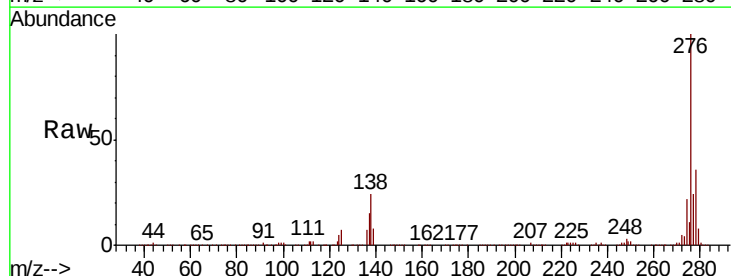


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

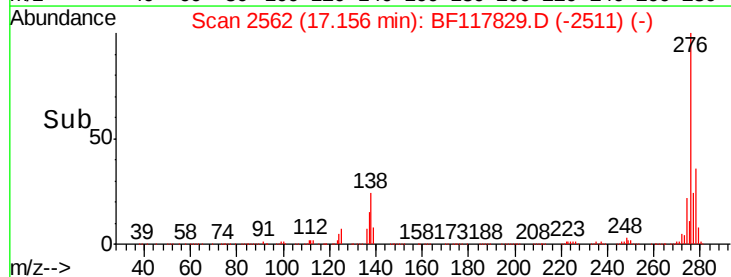
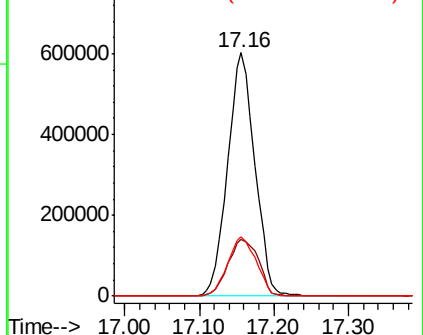


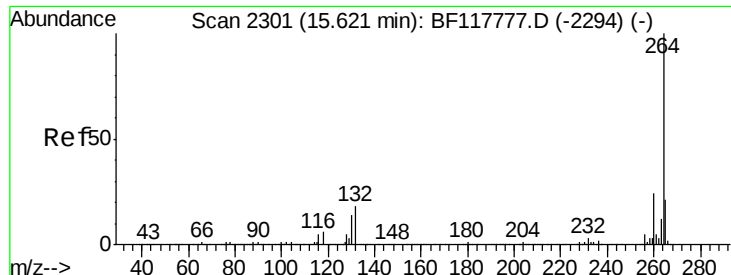
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.380 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:276 Resp: 1529942
Ion Ratio Lower Upper
276 100
138 26.3 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



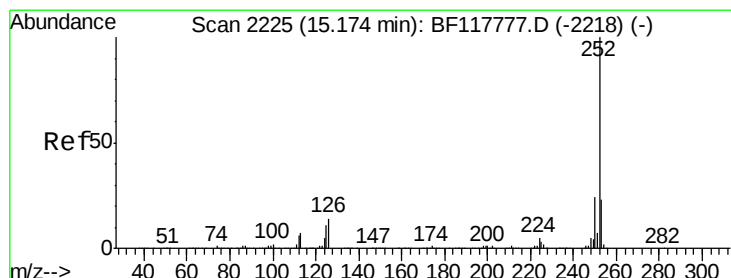
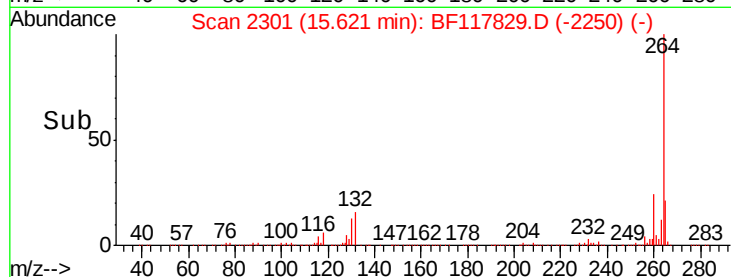
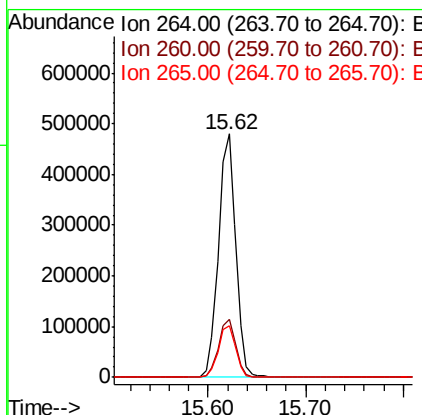
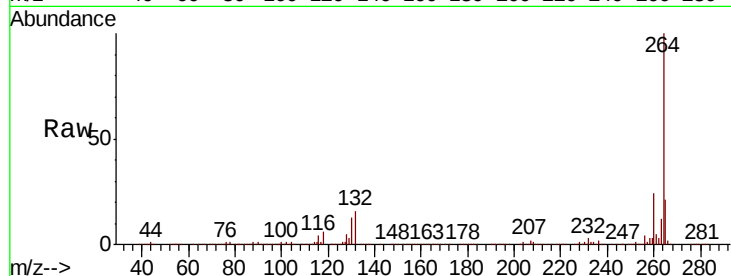


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 591035

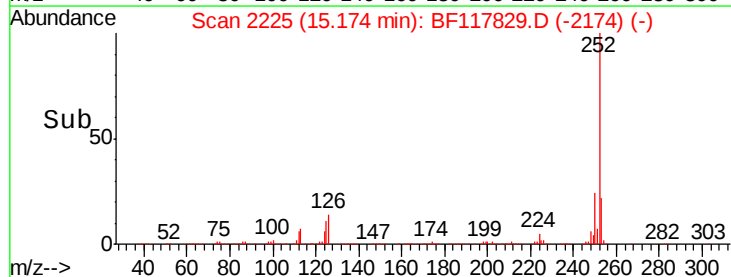
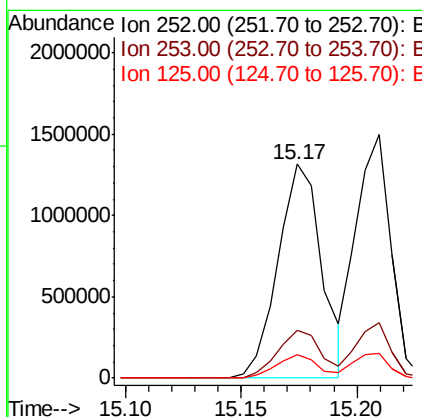
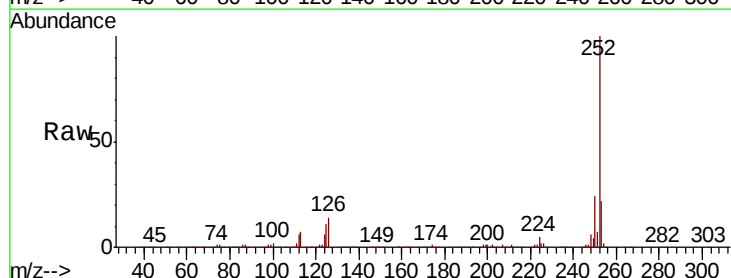
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.1	17.1	25.7

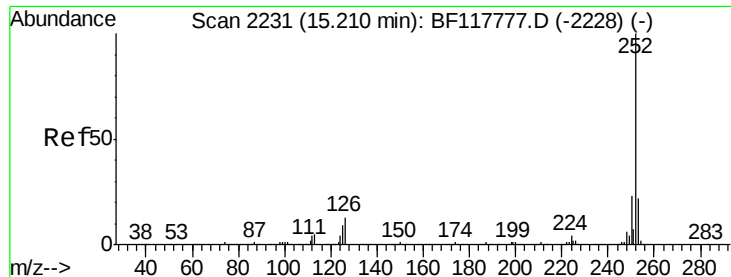


#88
Benzo(b)fluoranthene
Concen: 44.965 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:252 Resp: 1726657

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.1	8.6	13.0

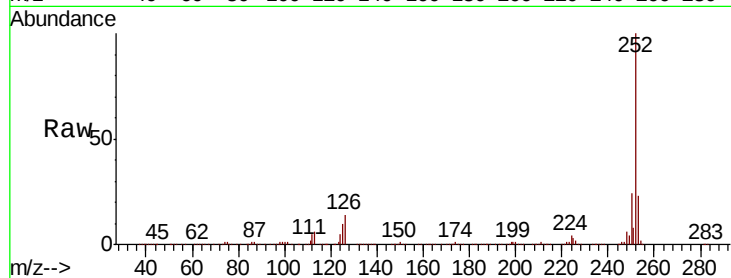




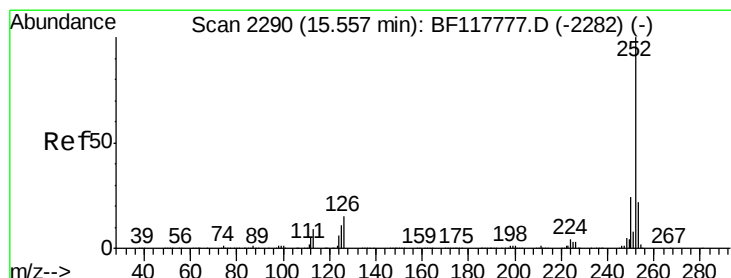
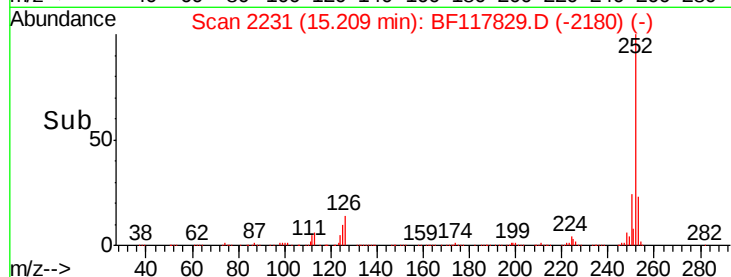
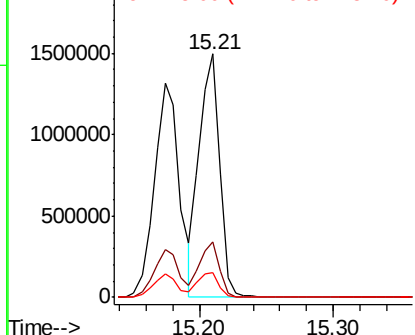
#89
Benzo(k)fluoranthene
Concen: 43.467 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1572687
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.1 7.9 11.9

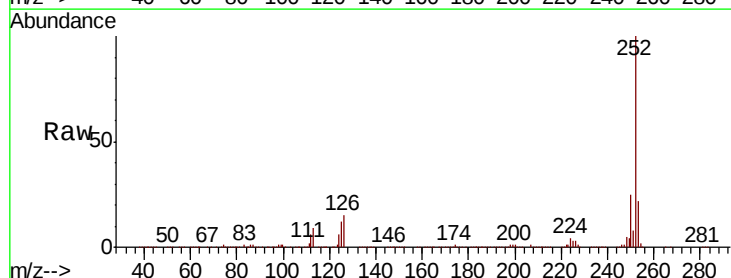


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

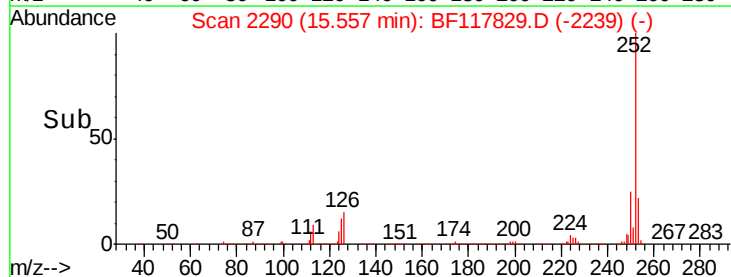
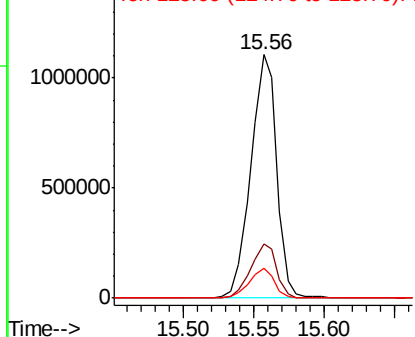


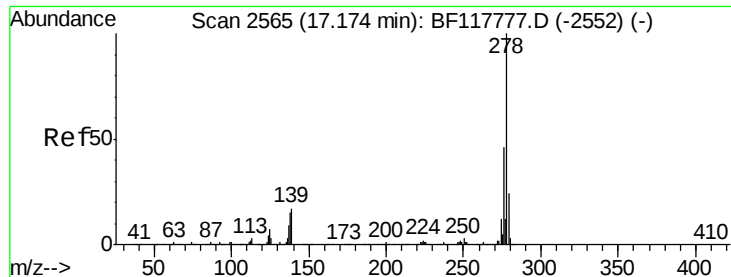
#90
Benzo(a)pyrene
Concen: 42.331 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:252 Resp: 1429363
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

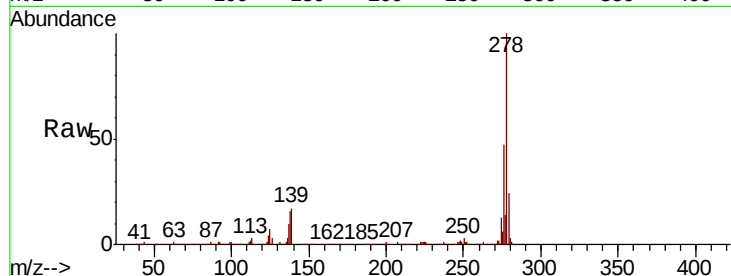




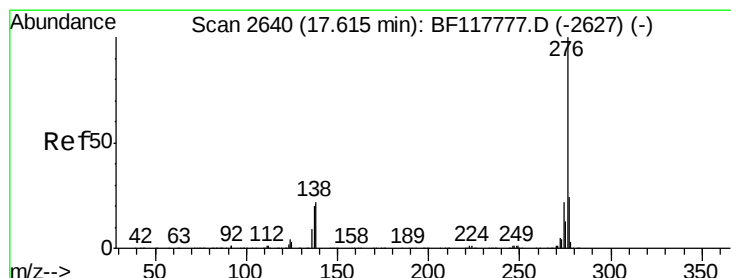
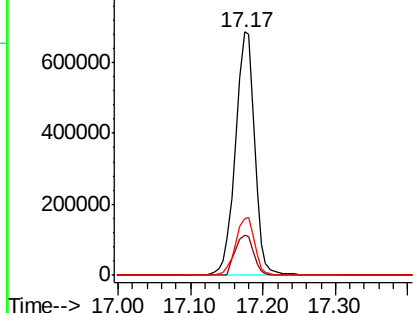
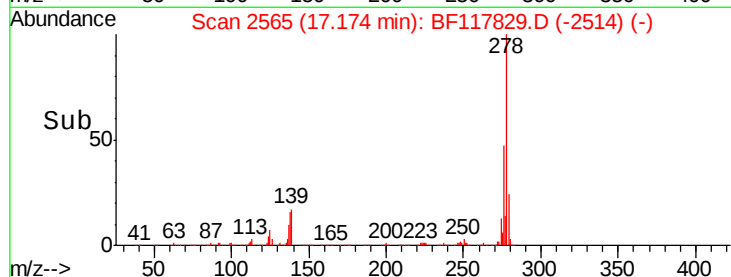
#91
Dibenzo(a,h)anthracene
Concen: 43.838 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1274092
Ion Ratio Lower Upper
278 100
139 16.5 13.8 20.8
279 23.5 19.6 29.4

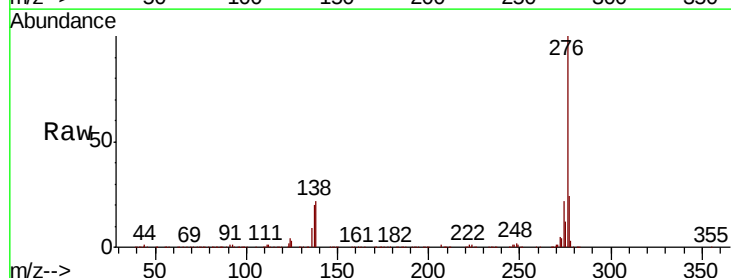


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.452 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117829.D
Acq: 18 Nov 2019 12:26

Tgt Ion:276 Resp: 1286792
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 22.1 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

