

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117772.D
 Acq On : 12 Nov 2019 20:58
 Operator : JU
 Sample : K5746-07MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Quant Time: Nov 13 01:16:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	263761	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	997113	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	464506	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	745130	20.00	ng	0.00
76) Chrysene-d12	14.12	240	619074	20.00	ng	0.00
87) Perylene-d12	15.63	264	717832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1783358	122.39	ng	0.02
7) Phenol-d6	6.56	99	2178183	121.23	ng	0.01
23) Nitrobenzene-d5	7.49	82	1398016	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	531079	116.88	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2443222	103.78	ng	0.00
79) Terphenyl-d14	13.06	244	2246638	74.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	265659	36.591	ng	# 83
3) Pyridine	3.66	79	435300	21.797	ng	98
4) n-Nitrosodimethylamine	3.59	42	357276	40.597	ng	95
6) Aniline	6.59	93	210462	8.347	ng	97
8) 2-Chlorophenol	6.72	128	716490	44.201	ng	98
9) Benzaldehyde	6.47	77	57417	4.593	ng	99
10) Phenol	6.57	94	813733	42.032	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	673817	42.149	ng	97
12) 1,3-Dichlorobenzene	6.87	146	770652	41.015	ng	99
13) 1,4-Dichlorobenzene	6.95	146	784288	41.698	ng	99
14) 1,2-Dichlorobenzene	7.10	146	739325	42.691	ng	100
15) Benzyl Alcohol	7.06	79	622818	43.476	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	964706	38.166	ng	99
17) 2-Methylphenol	7.17	107	600877	43.161	ng	99
18) Hexachloroethane	7.45	117	275402	39.612	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	466865	39.520	ng	99
20) 3+4-Methylphenols	7.33	107	716089	43.197	ng	93
22) Acetophenone	7.34	105	946793	41.545	ng	99
24) Nitrobenzene	7.51	77	749471	42.497	ng	98
25) Isophorone	7.75	82	1290948	39.964	ng	100
26) 2-Nitrophenol	7.83	139	367812	44.924	ng	98
27) 2,4-Dimethylphenol	7.86	122	625746	45.326	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	808247	38.979	ng	100
29) 2,4-Dichlorophenol	8.07	162	593281	41.713	ng	95
30) 1,2,4-Trichlorobenzene	8.15	180	666399	40.928	ng	98
31) Naphthalene	8.24	128	2041488	44.793	ng	99
32) Benzoic acid	7.97	122	424730	38.866	ng	98
33) 4-Chloroaniline	8.28	127	89147	4.210	ng	99
34) Hexachlorobutadiene	8.35	225	371241	39.815	ng	97
35) Caprolactam	8.64	113	177708	37.696	ng	96
36) 4-Chloro-3-methylphenol	8.76	107	585285	40.780	ng	98
37) 2-Methylnaphthalene	8.93	142	1334896	43.023	ng	99
38) 1-Methylnaphthalene	9.03	142	1249518	42.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	593603	46.712	ng	99

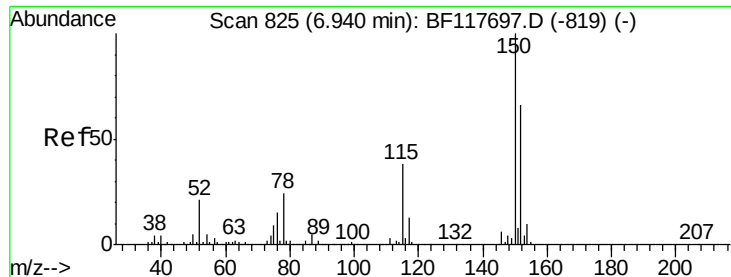
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117772.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	297872	43.449	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	414598	44.796	ng	97
44) 2,4,5-Trichlorophenol	9.25	196	416212	44.366	ng	99
46) 1,1'-Biphenyl	9.39	154	1550272	47.654	ng	99
47) 2-Chloronaphthalene	9.42	162	1209476	44.800	ng	99
48) 2-Nitroaniline	9.51	65	337490	39.891	ng	98
49) Acenaphthylene	9.84	152	1804891	45.907	ng	98
50) Dimethylphthalate	9.69	163	1362655	43.394	ng	99
51) 2,6-Dinitrotoluene	9.75	165	302156	42.971	ng	88
52) Acenaphthene	10.01	154	1122995	44.265	ng	99
53) 3-Nitroaniline	9.92	138	131942	15.553	ng	97
54) 2,4-Dinitrophenol	10.03	184	140447	58.260	ng	97
55) Dibenzofuran	10.18	168	1557389	43.870	ng	100
56) 4-Nitrophenol	10.07	139	487720	76.446	ng	91
57) 2,4-Dinitrotoluene	10.16	165	367080	40.695	ng	95
58) Fluorene	10.53	166	1119384	42.783	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	321514	41.228	ng	99
60) Diethylphthalate	10.40	149	1269237	41.099	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	575058	42.221	ng	99
62) 4-Nitroaniline	10.53	138	248971	29.818	ng	98
63) Azobenzene	10.68	77	1147318	39.225	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	101980	34.275	ng	89
66) n-Nitrosodiphenylamine	10.63	169	1011088	45.943	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	348823	42.865	ng	98
68) Hexachlorobenzene	11.07	284	393917	41.903	ng	# 92
69) Atrazine	11.16	200	264760	36.508	ng	98
70) Pentachlorophenol	11.27	266	430346	81.889	ng	98
71) Phenanthrene	11.49	178	1595478	44.672	ng	99
72) Anthracene	11.54	178	1603258	45.120	ng	98
73) Carbazole	11.70	167	1401650	43.151	ng	99
74) Di-n-butylphthalate	12.03	149	1702987	43.116	ng	98
75) Fluoranthene	12.69	202	1614847	44.280	ng	98
77) Benzidine	12.80	184	136009	6.319	ng	97
78) Pyrene	12.92	202	1654974	36.621	ng	98
80) Butylbenzylphthalate	13.53	149	723793	34.674	ng	97
81) Benzo(a)anthracene	14.11	228	1652833	42.892	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	435493	30.259	ng	97
83) Chrysene	14.14	228	1596819	41.961	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	977118	36.288	ng	98
85) Di-n-octyl phthalate	14.72	149	1823667	43.040	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1508583	42.592	ng	99
88) Benzo(b)fluoranthene	15.18	252	1849373	40.906	ng	99
89) Benzo(k)fluoranthene	15.22	252	1712301	42.465	ng	98
90) Benzo(a)pyrene	15.57	252	1566700	39.975	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1288689	36.663	ng	97
92) Benzo(g,h,i)perylene	17.63	276	1186706	34.837	ng	99

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

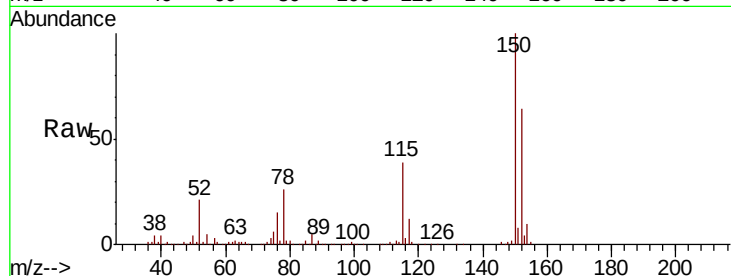


#1

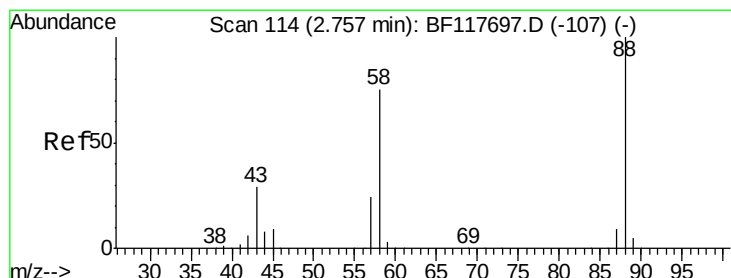
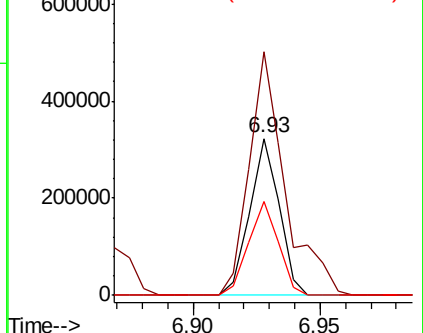
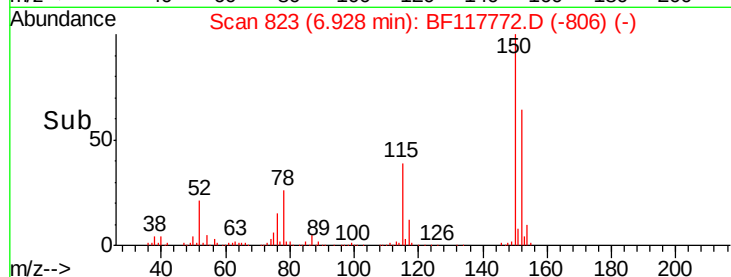
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:152 Resp: 263761
Ion Ratio Lower Upper
152 100
150 155.4 126.6 190.0
115 60.3 47.6 71.4



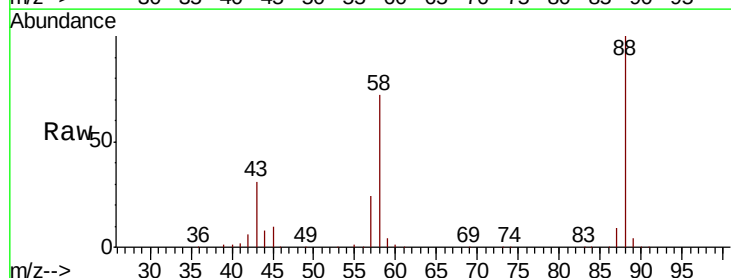
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



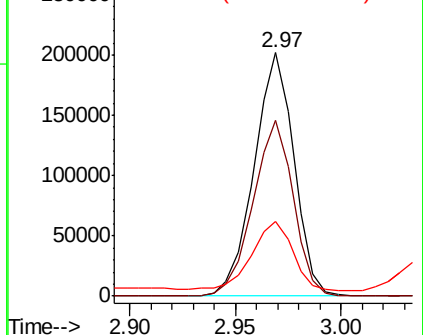
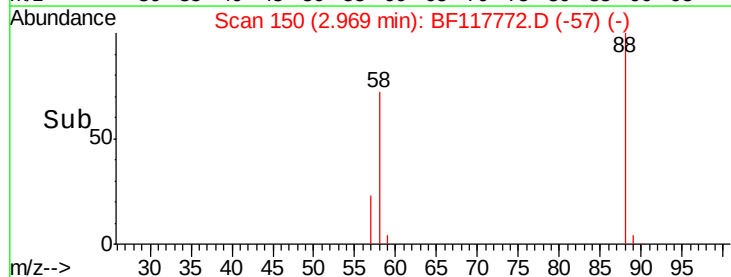
#2

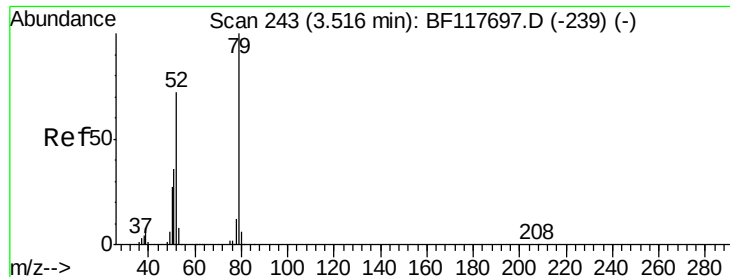
1,4-Dioxane
Concen: 36.591 ng
RT: 2.97 min Scan# 150
Delta R.T. 0.25 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion: 88 Resp: 265659
Ion Ratio Lower Upper
88 100
58 72.0 59.2 88.8
43 0.0 23.0 34.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrirdine

Concen: 21.797 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.16 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

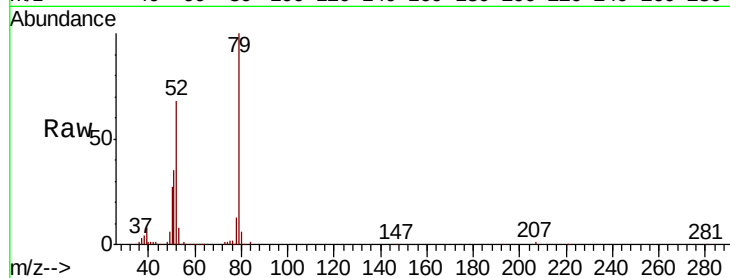
Tot Ion: 79 Resp: 435300

Ion Ratio Lower Upper

79 100

52 67.7 55.6 83.4

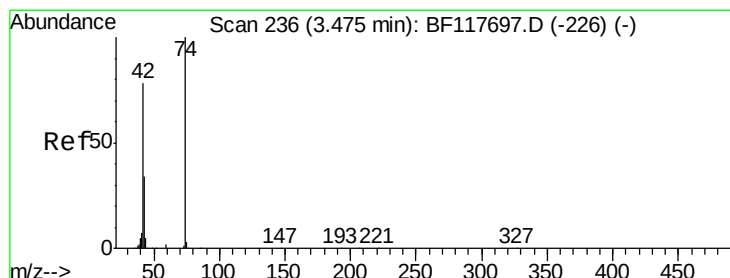
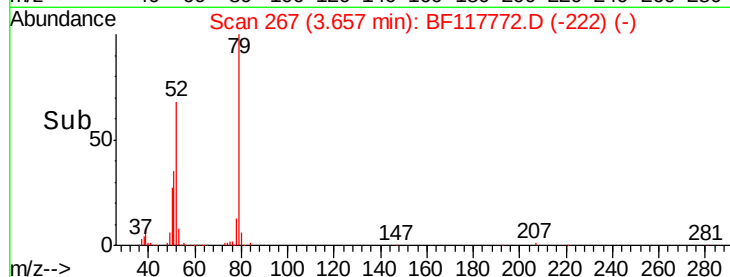
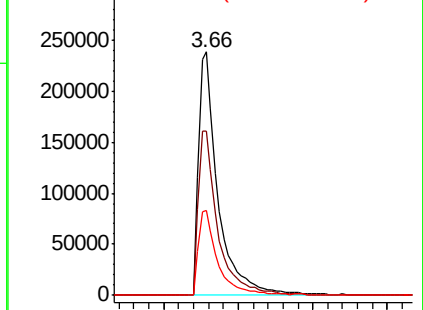
51 35.0 27.7 41.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.597 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.14 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

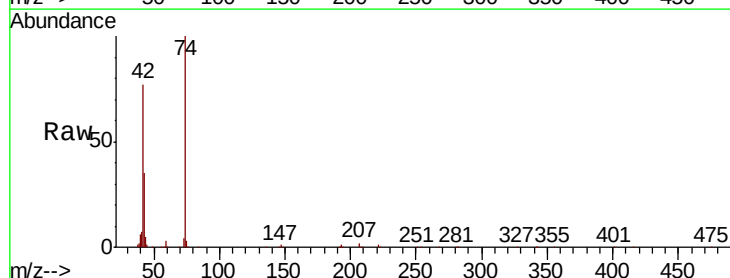
Tgt Ion: 42 Resp: 357276

Ion Ratio Lower Upper

42 100

74 129.2 108.5 162.7

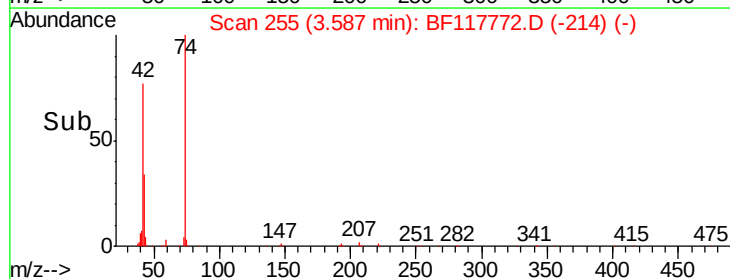
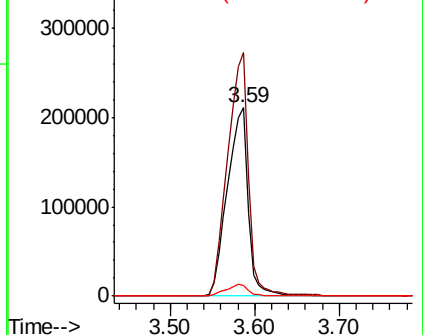
44 5.9 5.0 7.6

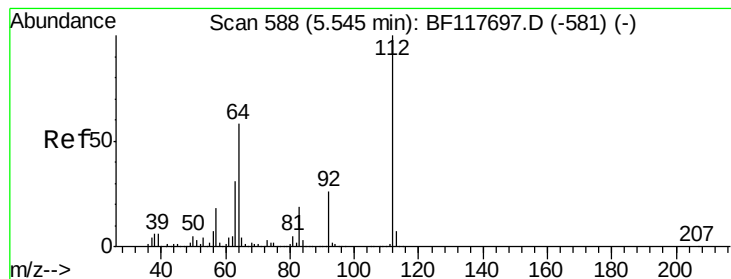


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.389 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

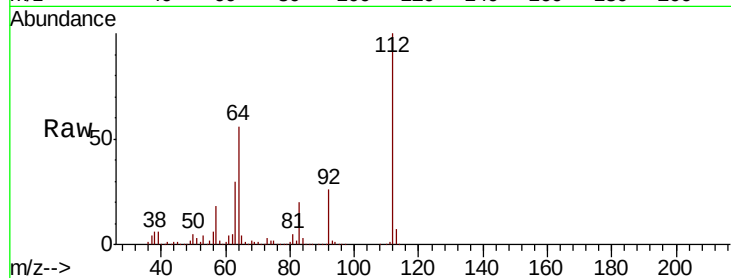
Tot Ion:112 Resp: 1783358

Ion Ratio Lower Upper

112 100

64 55.8 43.5 65.3

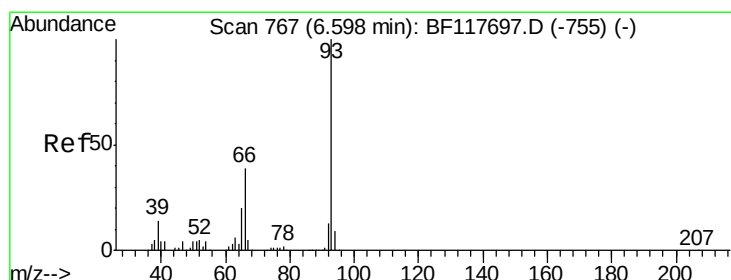
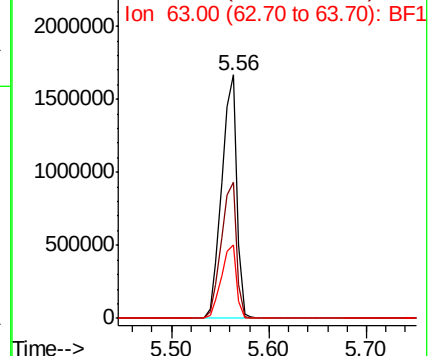
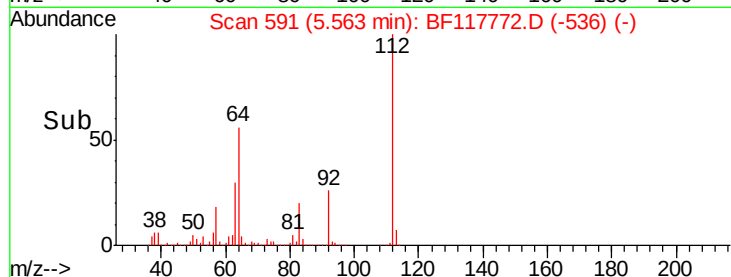
63 30.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.347 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

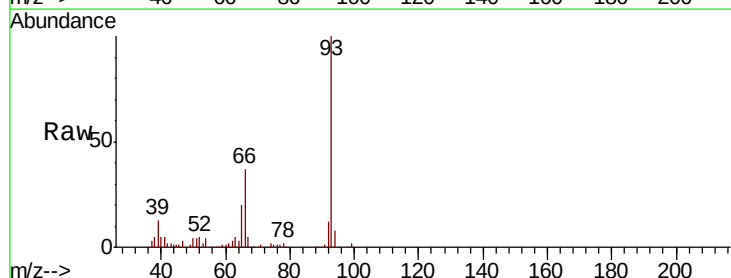
Tgt Ion: 93 Resp: 210462

Ion Ratio Lower Upper

93 100

66 37.3 31.8 47.6

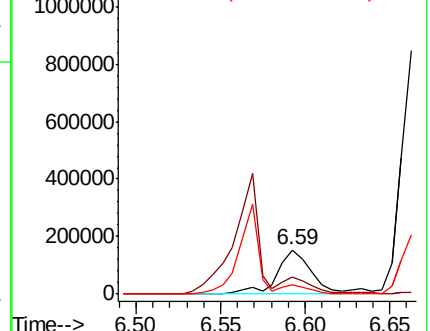
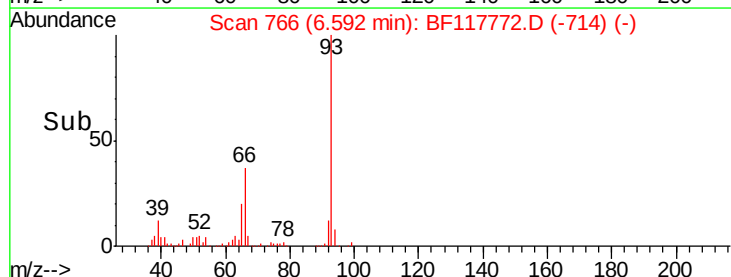
65 19.9 16.2 24.2

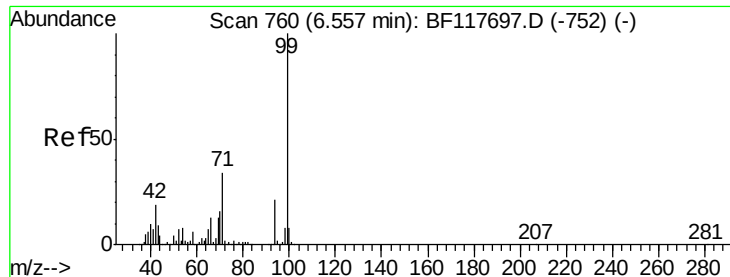


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.234 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

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ClientSampleId :

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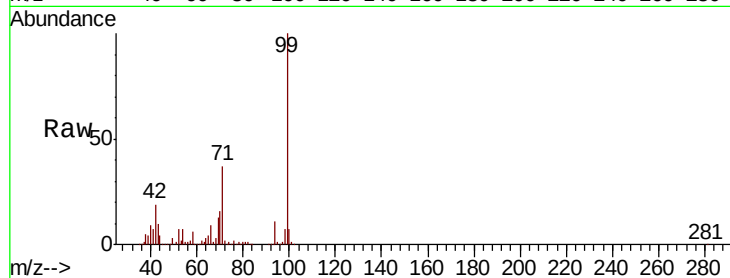
Tot Ion: 99 Resp: 2178183

Ion Ratio Lower Upper

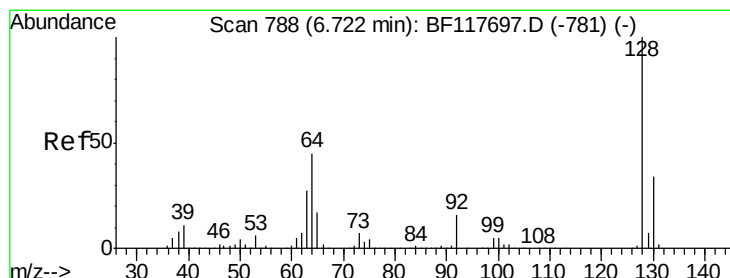
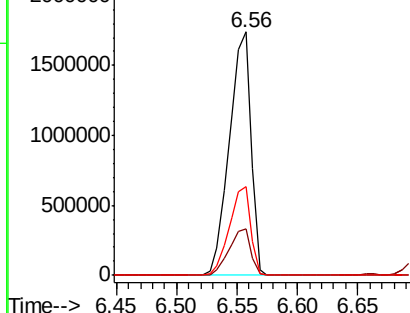
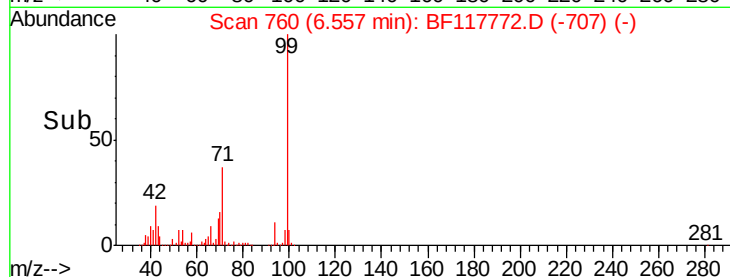
99 100

42 19.2 15.3 22.9

71 36.5 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.201 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

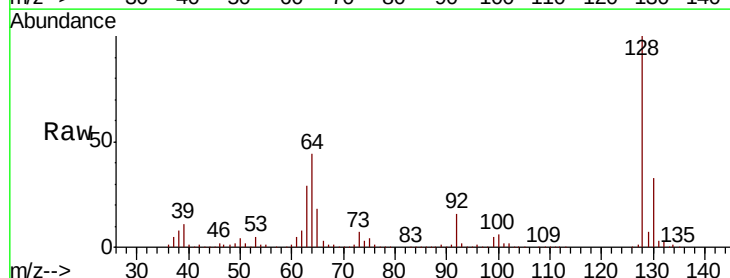
Tgt Ion: 128 Resp: 716490

Ion Ratio Lower Upper

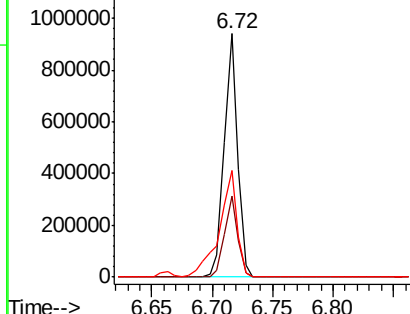
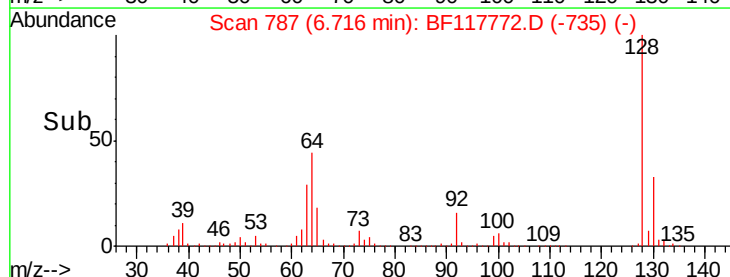
128 100

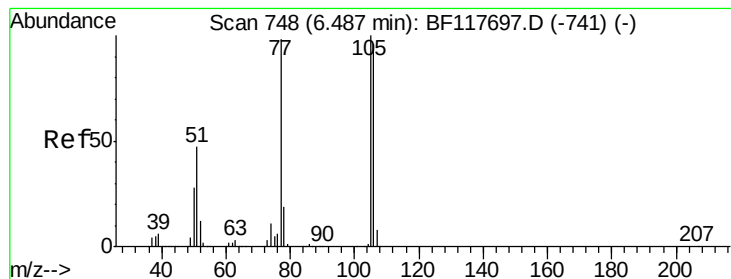
130 33.1 12.4 52.4

64 43.9 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.593 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

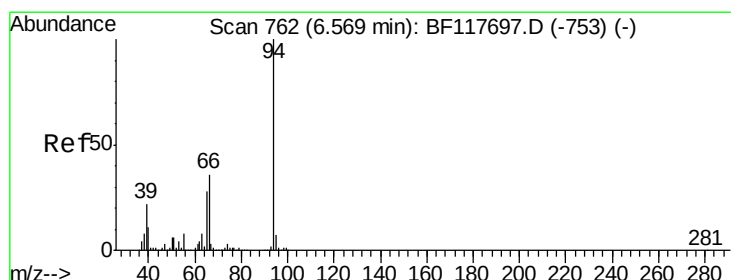
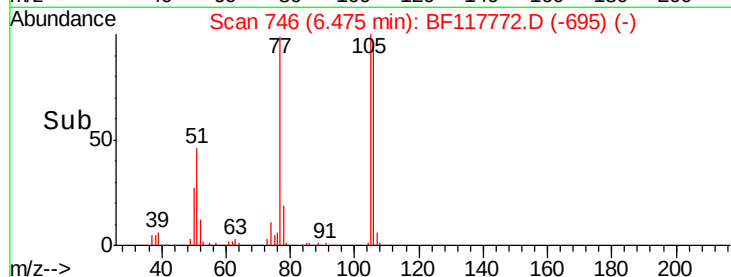
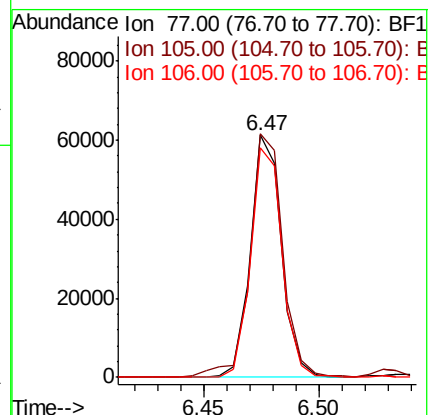
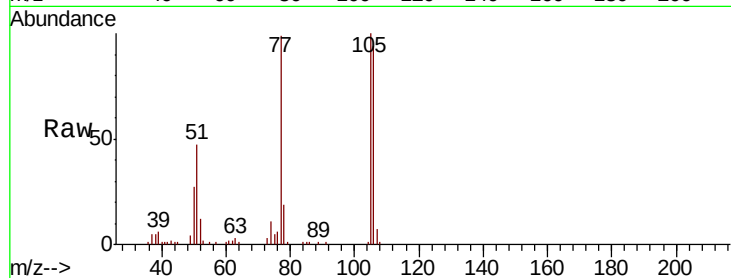
Tot Ion: 77 Resp: 57417

Ion Ratio Lower Upper

77 100

105 100.7 81.2 121.2

106 94.7 76.4 116.4



#10

Phenol

Concen: 42.032 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

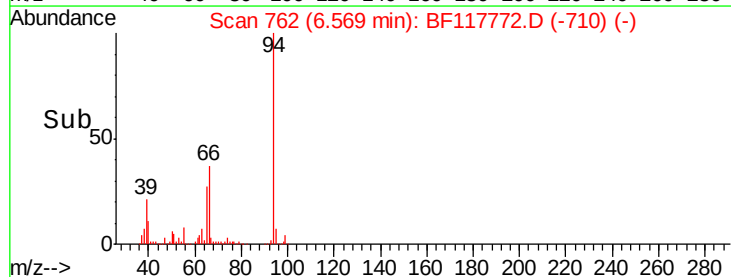
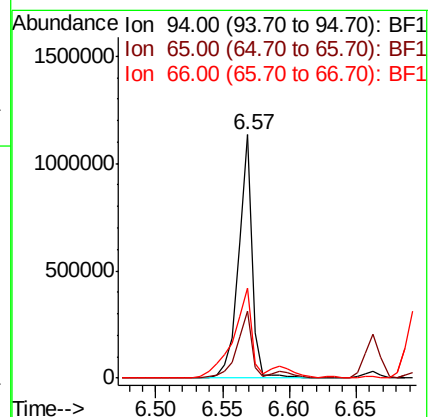
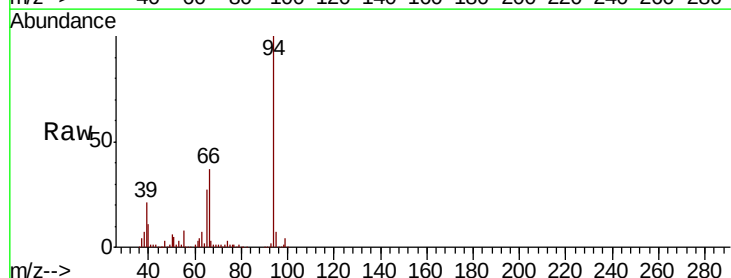
Tgt Ion: 94 Resp: 813733

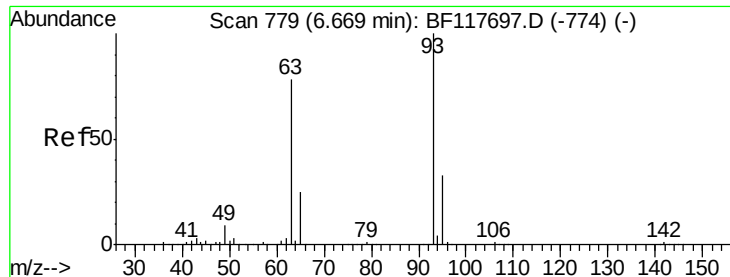
Ion Ratio Lower Upper

94 100

65 27.5 6.4 46.4

66 37.0 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 42.149 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

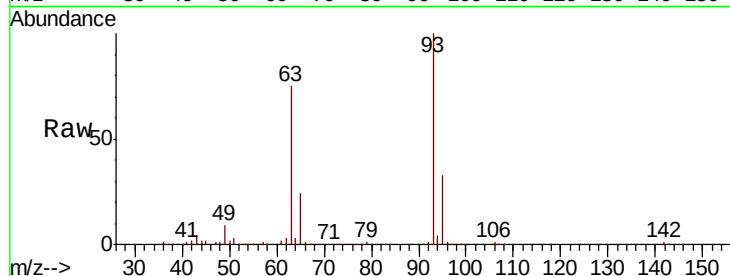
Tot Ion: 93 Resp: 673817

Ion Ratio Lower Upper

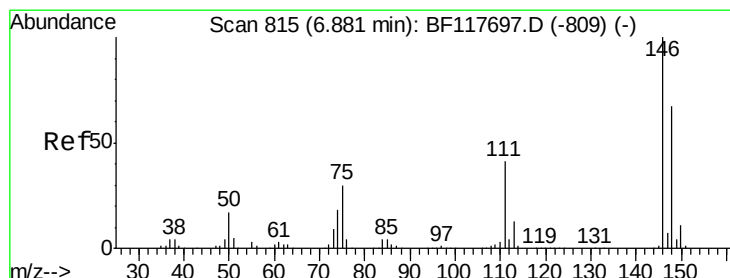
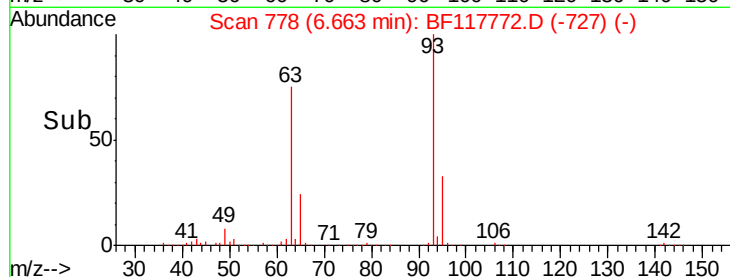
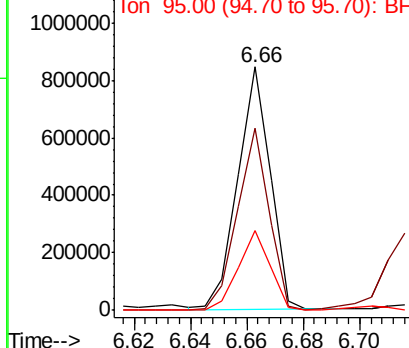
93 100

63 75.0 51.6 91.6

95 32.5 13.1 53.1



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: 41.015 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

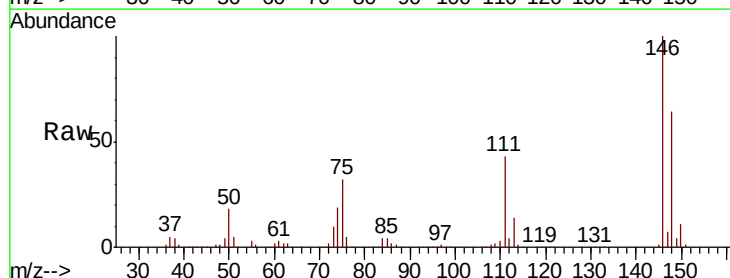
Tgt Ion: 146 Resp: 770652

Ion Ratio Lower Upper

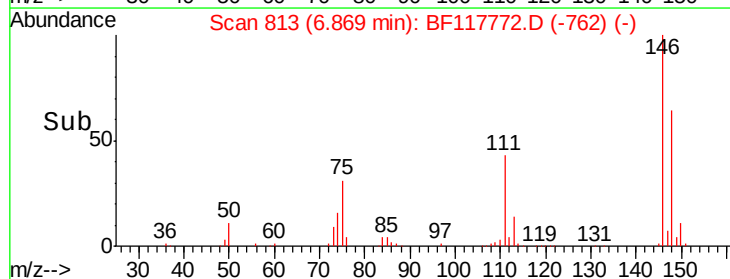
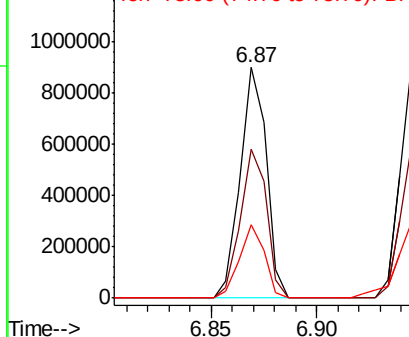
146 100

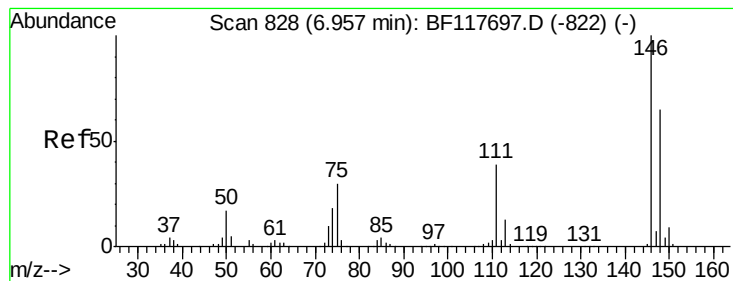
148 64.4 51.3 76.9

75 32.0 24.8 37.2



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: 41.698 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

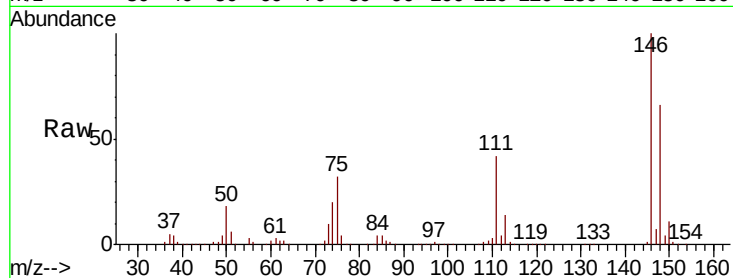
Tot Ion:146 Resp: 784288

Ion Ratio Lower Upper

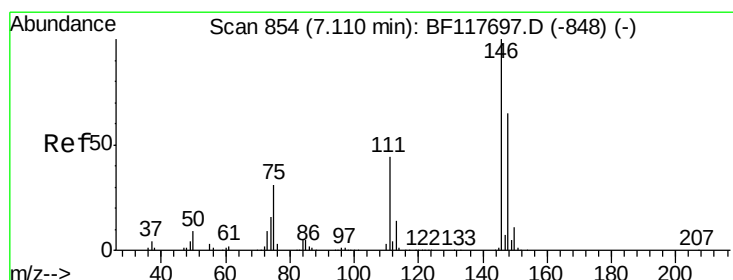
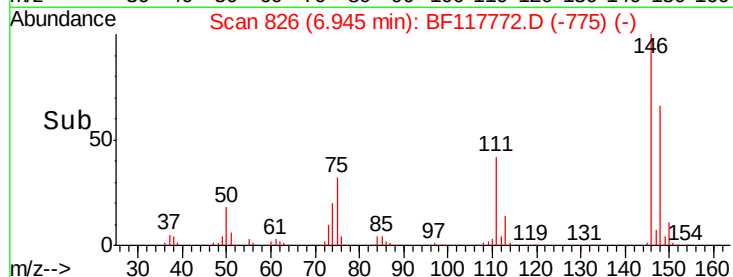
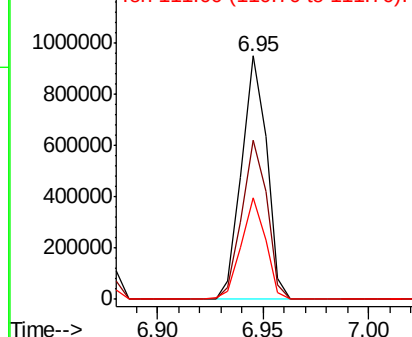
146 100

148 65.5 51.8 77.6

111 41.6 33.3 49.9



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: 42.691 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

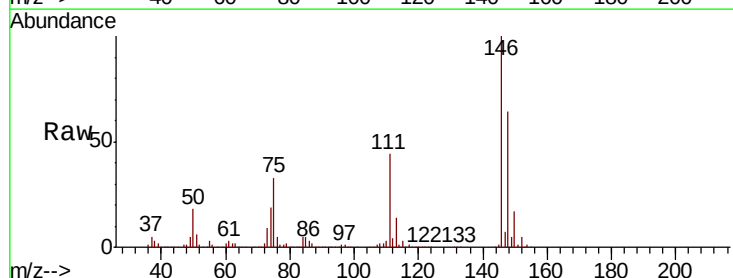
Tgt Ion:146 Resp: 739325

Ion Ratio Lower Upper

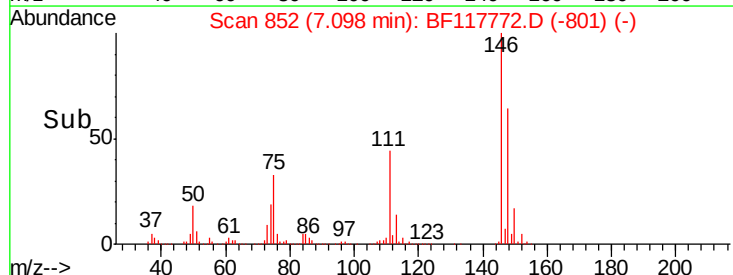
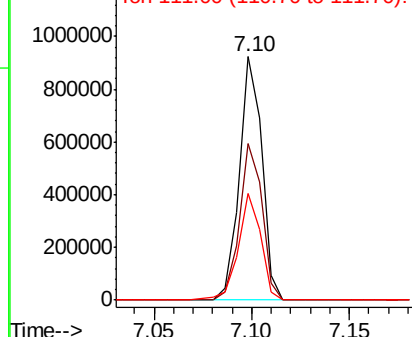
146 100

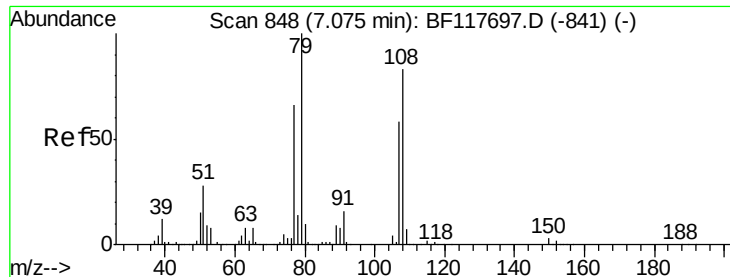
148 64.4 51.3 76.9

111 43.9 35.2 52.8



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: 43.476 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

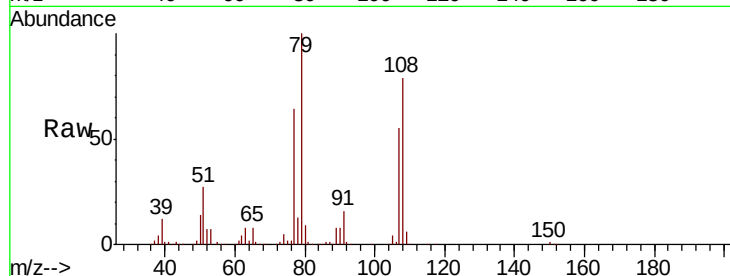
Tot Ion: 79 Resp: 622818

Ion Ratio Lower Upper

79 100

108 78.6 64.1 96.1

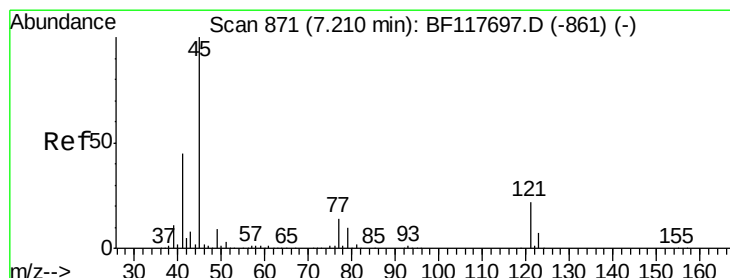
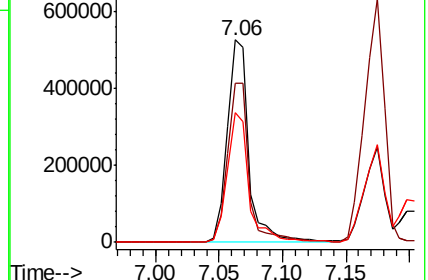
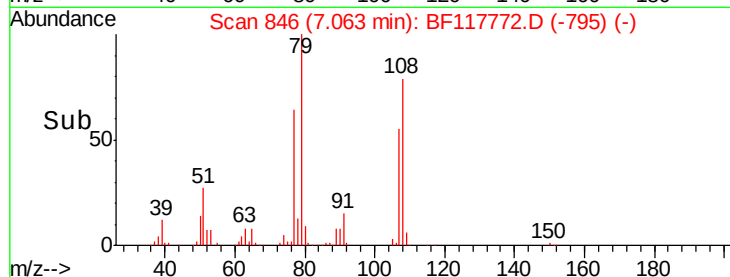
77 64.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.166 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

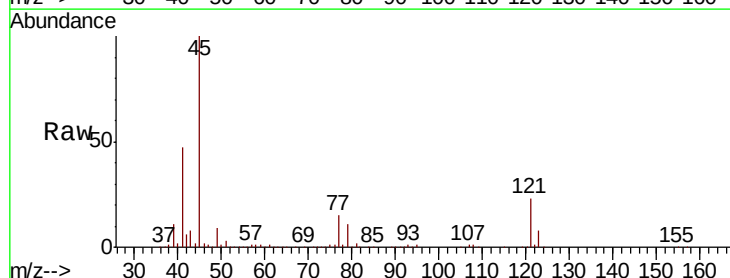
Tgt Ion: 45 Resp: 964706

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.6

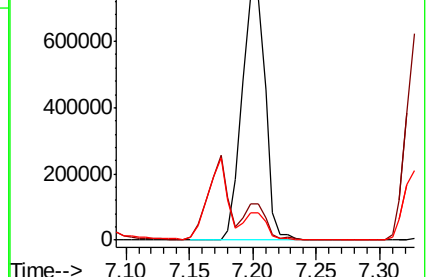
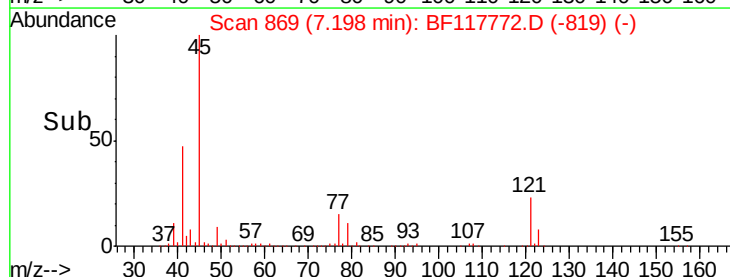
79 11.0 0.0 31.3

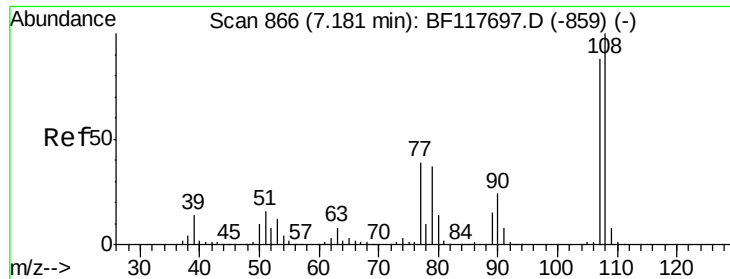


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

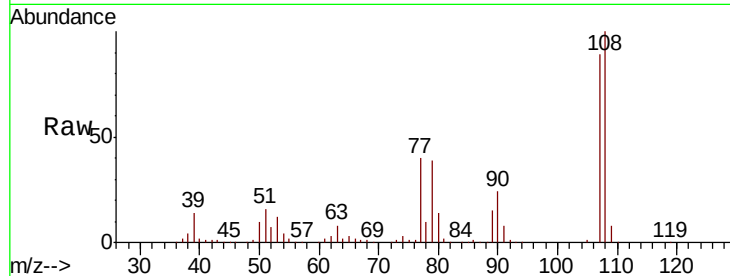




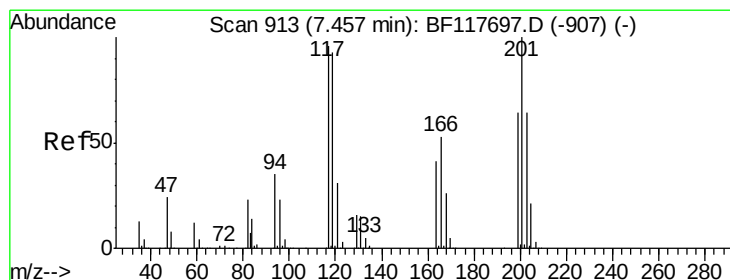
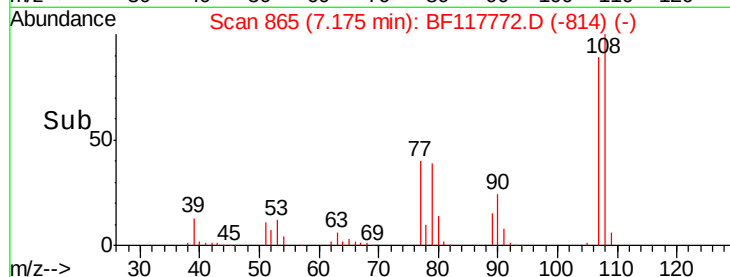
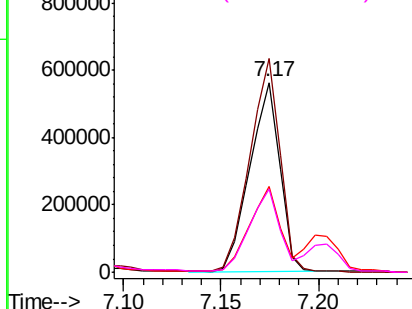
#17
2-Methylphenol
Concen: 43.161 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:107 Resp: 600877
Ion Ratio Lower Upper
107 100
108 112.6 90.7 136.1
77 45.3 35.3 52.9
79 43.8 34.6 52.0

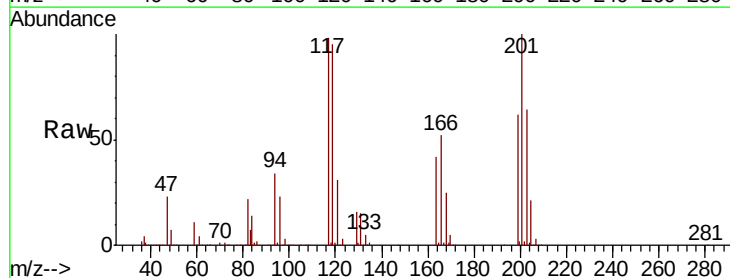


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

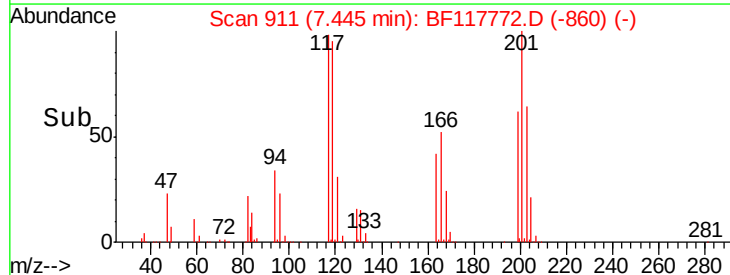
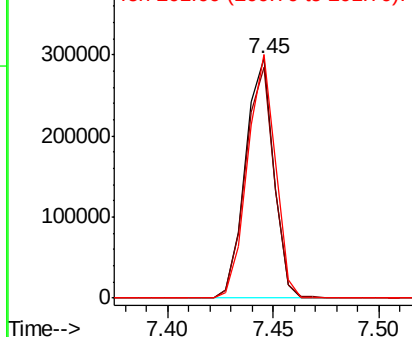


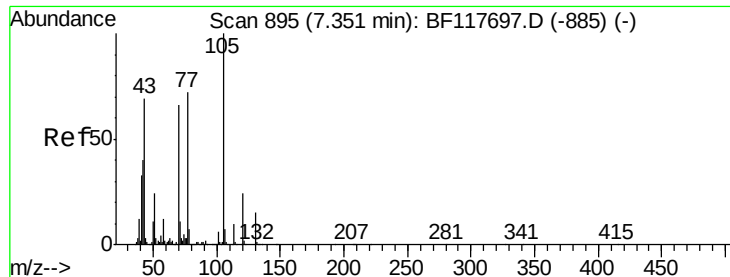
#18
Hexachloroethane
Concen: 39.612 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:117 Resp: 275402
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 101.7 78.4 117.6



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

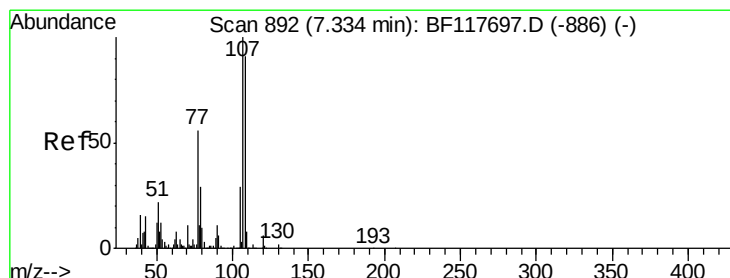
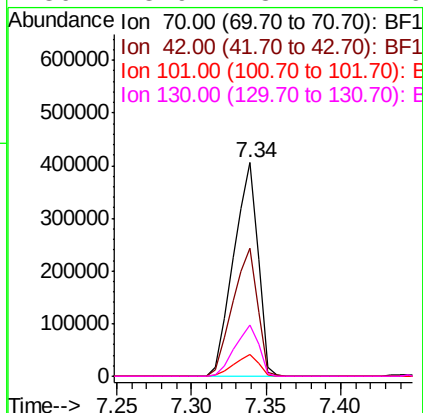
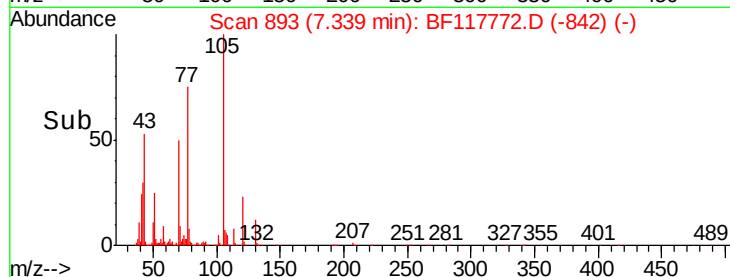
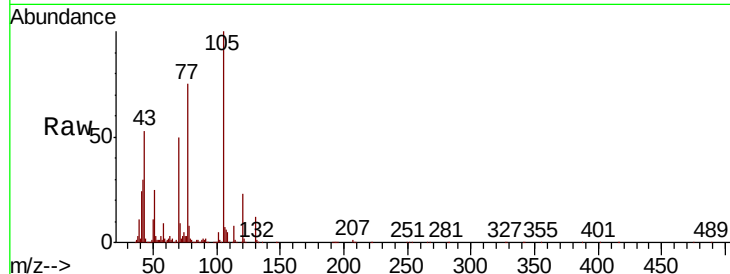




#19
n-Nitroso-di-n-propylamine
Concen: 39.520 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

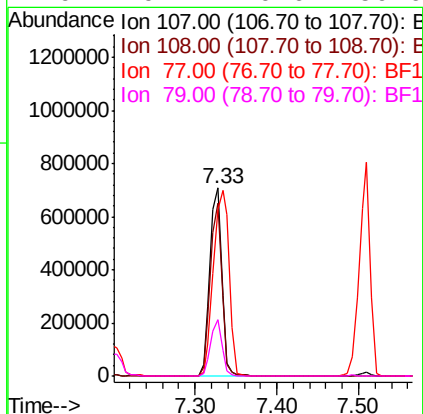
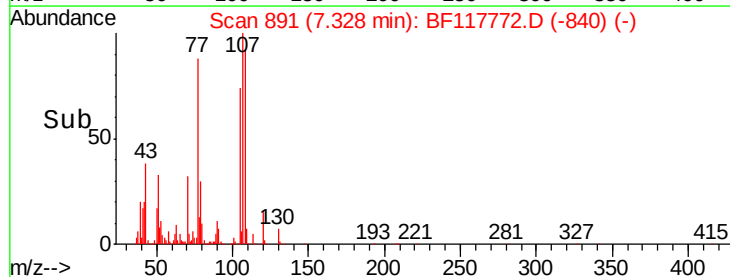
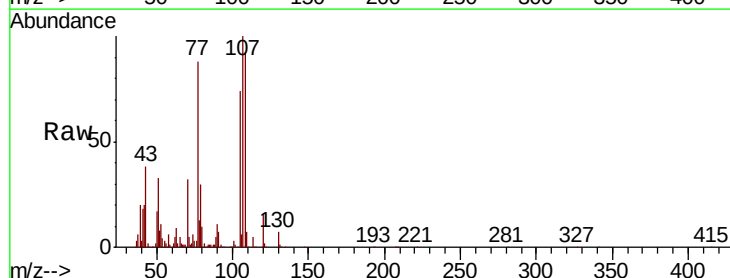
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

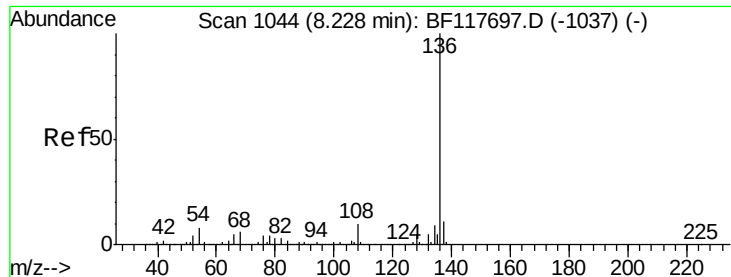
Tot Ion: 70 Resp: 466865
Ion Ratio Lower Upper
70 100
42 60.1 48.7 73.1
101 10.3 8.4 12.6
130 23.9 18.4 27.6



#20
3+4-Methylphenols
Concen: 43.197 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion: 107 Resp: 716089
Ion Ratio Lower Upper
107 100
108 92.0 72.4 112.4
77 88.4 52.8 92.8
79 29.7 10.6 50.6

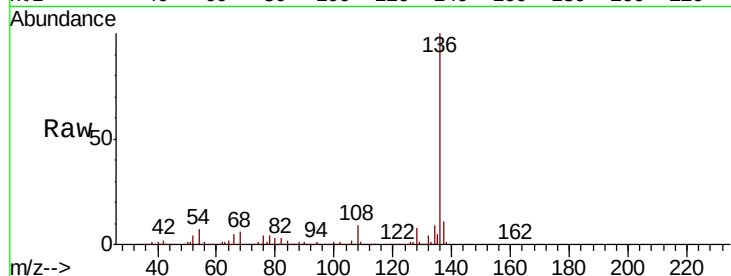




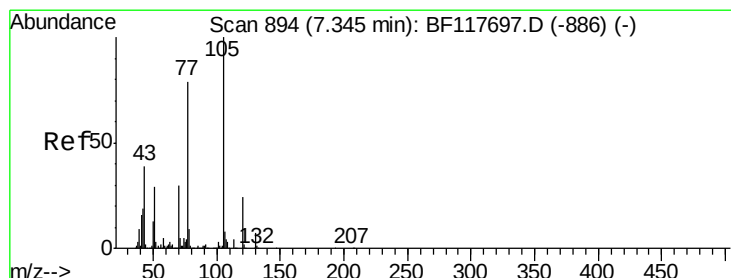
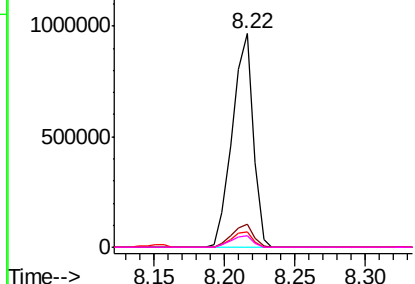
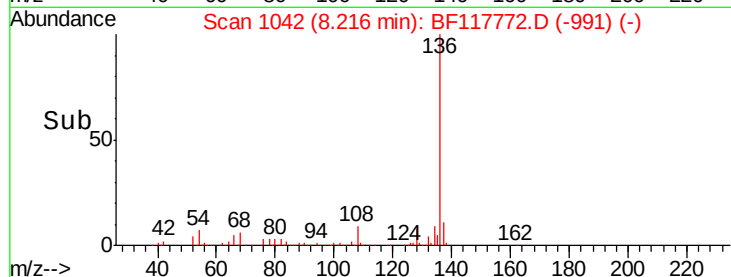
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:136	Resp:	997113
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.6
54 7.3	6.1	9.1
68 5.6	4.6	7.0

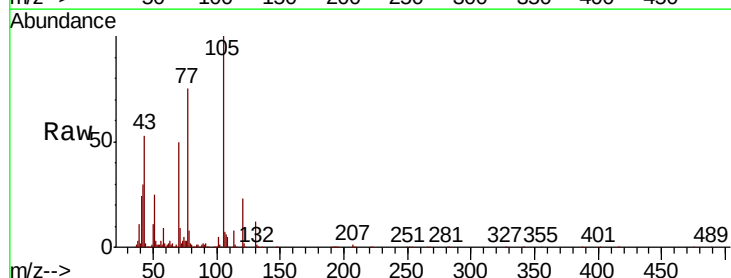


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

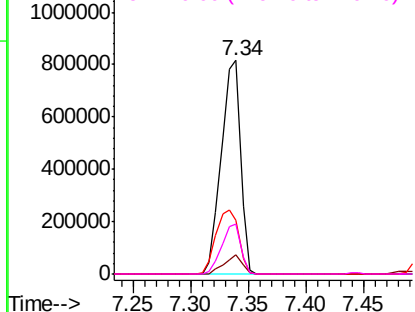
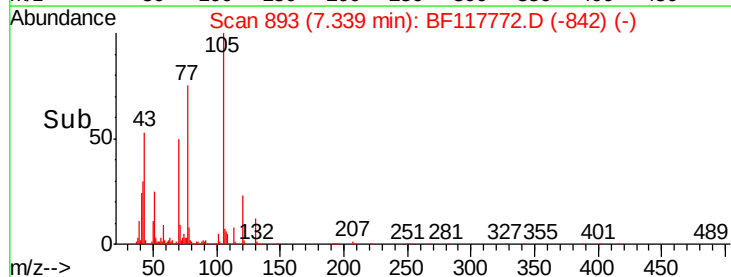


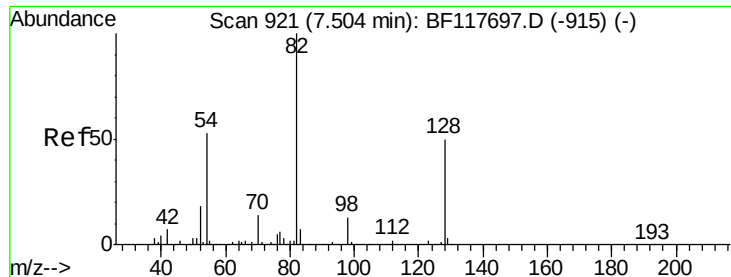
#22
Acetophenone
Concen: 41.545 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt	Ion:105	Resp:	946793
Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.1	9.1
51	25.3	20.6	31.0
120	23.1	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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

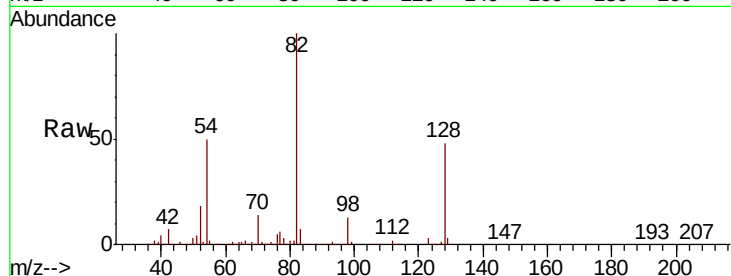




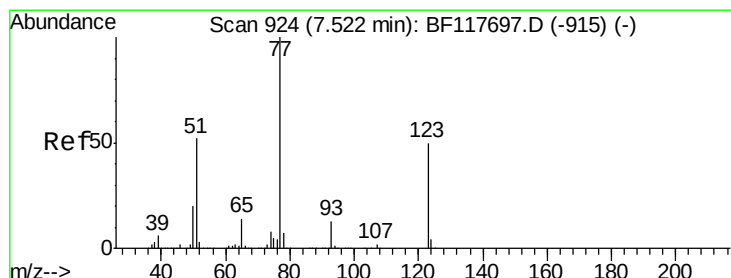
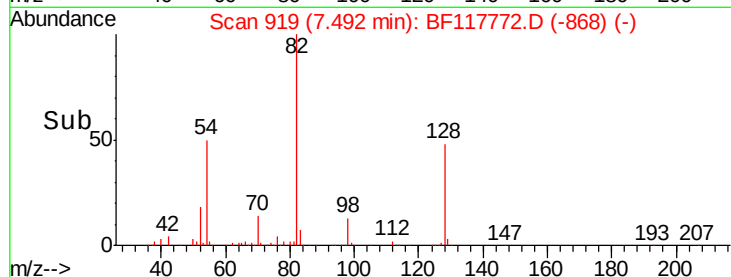
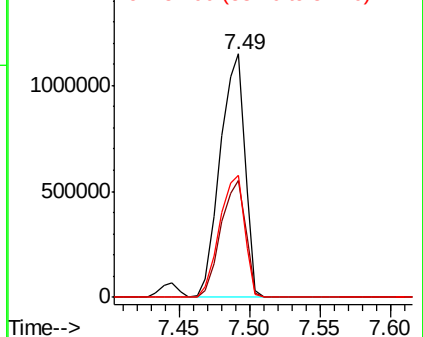
#23
 Nitrobenzene-d5
 Concen: 82.776 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion: 82 Resp: 1398016
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.7 58.1
 54 50.3 41.4 62.2

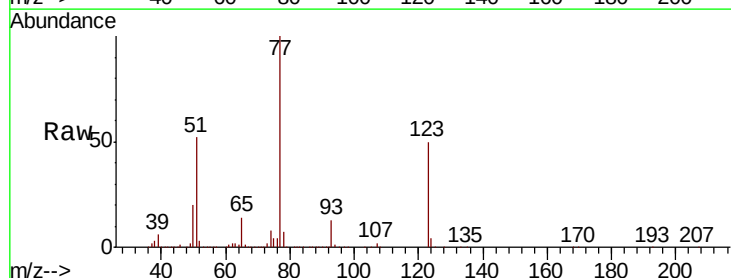


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

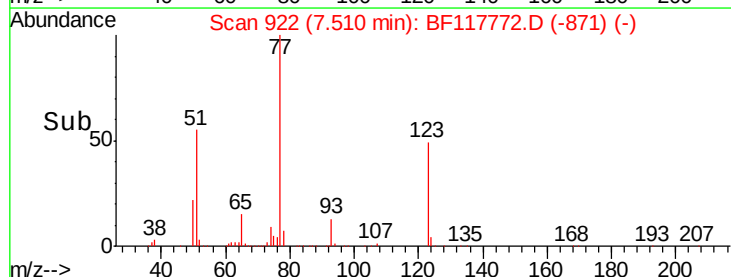
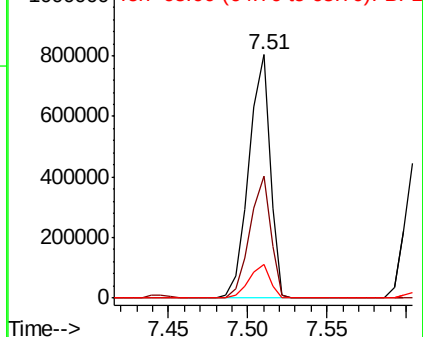


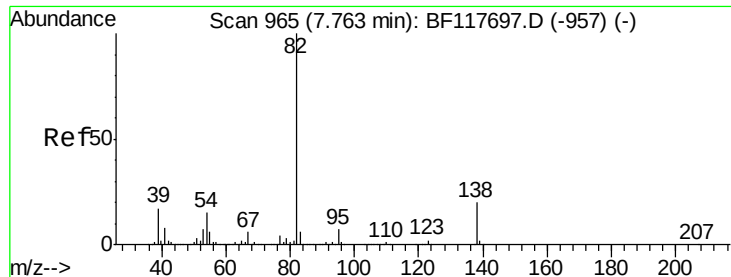
#24
 Nitrobenzene
 Concen: 42.497 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion: 77 Resp: 749471
 Ion Ratio Lower Upper
 77 100
 123 49.9 38.5 57.7
 65 13.9 10.8 16.2



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: 39.964 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

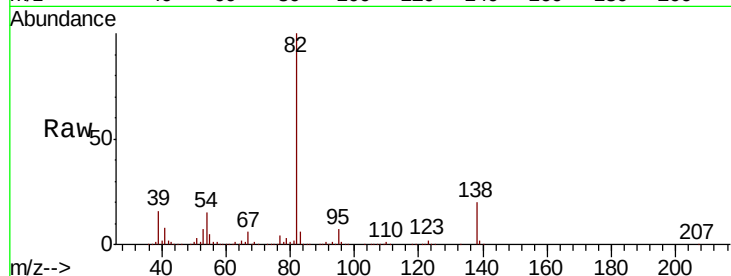
Tot Ion: 82 Resp: 1290948

Ion Ratio Lower Upper

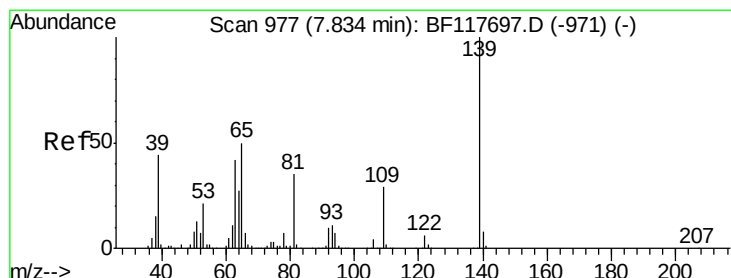
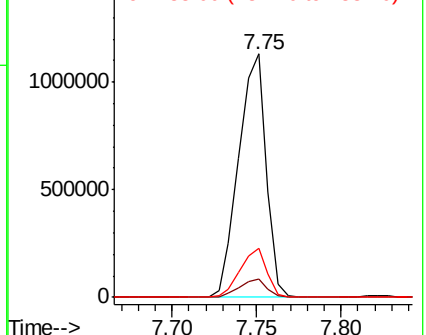
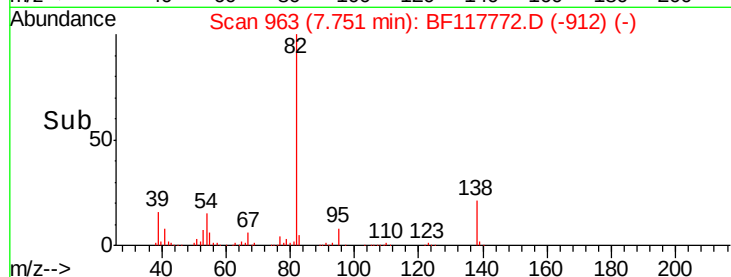
82 100

95 7.5 6.0 9.0

138 20.1 16.0 24.0



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: 44.924 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

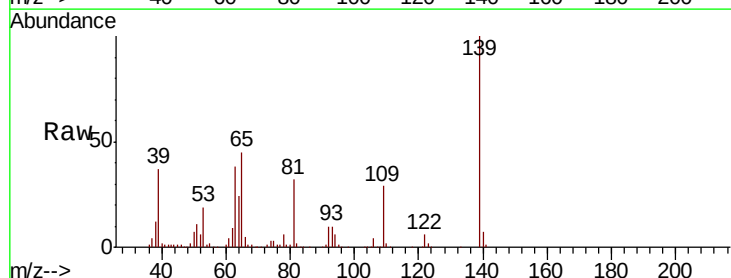
Tgt Ion: 139 Resp: 367812

Ion Ratio Lower Upper

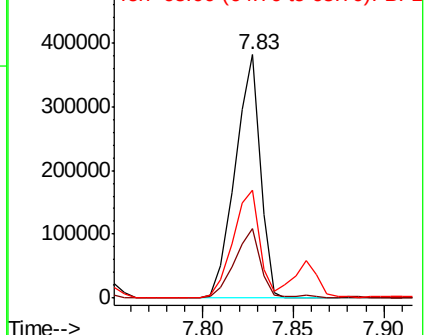
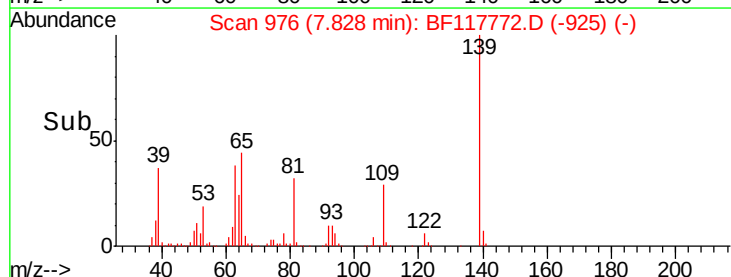
139 100

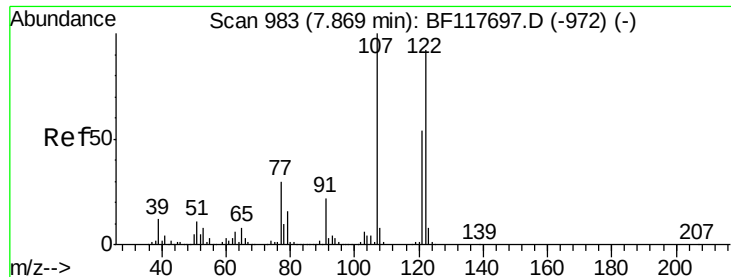
109 28.8 22.3 33.5

65 44.5 37.0 55.6



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: 45.326 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

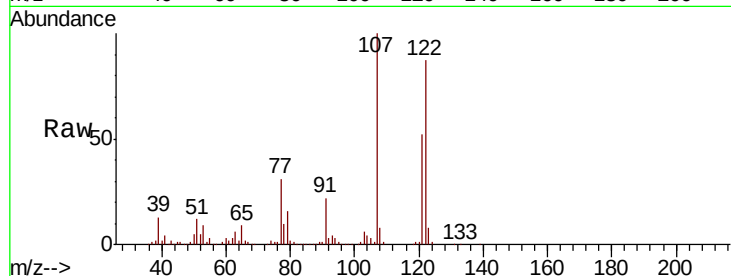
Tot Ion:122 Resp: 625746

Ion Ratio Lower Upper

122 100

107 115.3 89.8 134.6

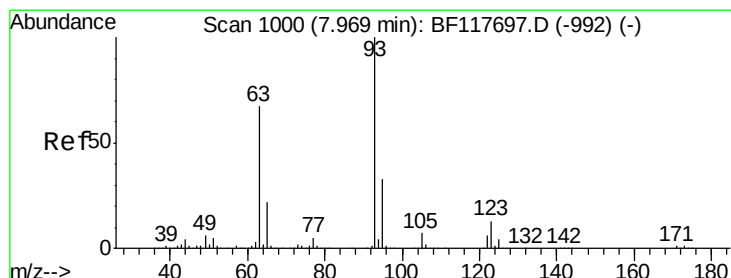
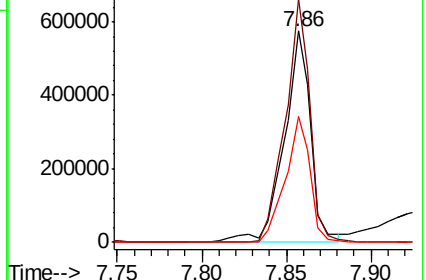
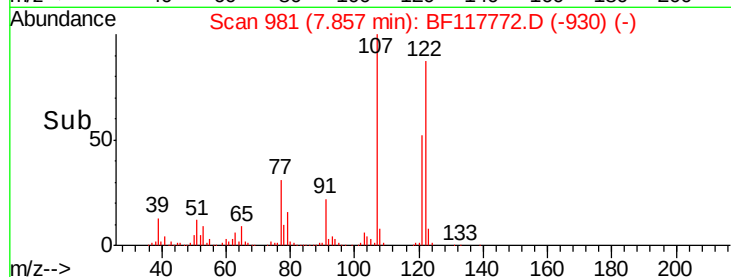
121 59.6 47.3 70.9



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: 38.979 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

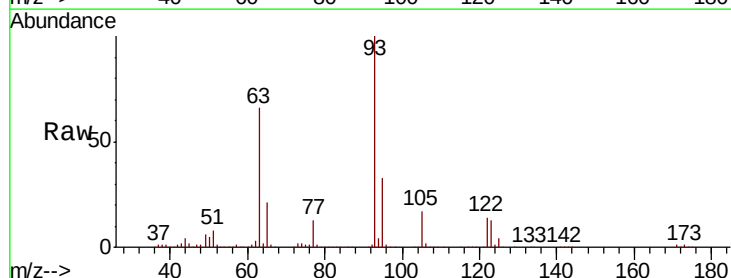
Tgt Ion: 93 Resp: 808247

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

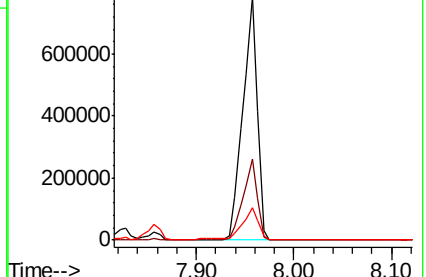
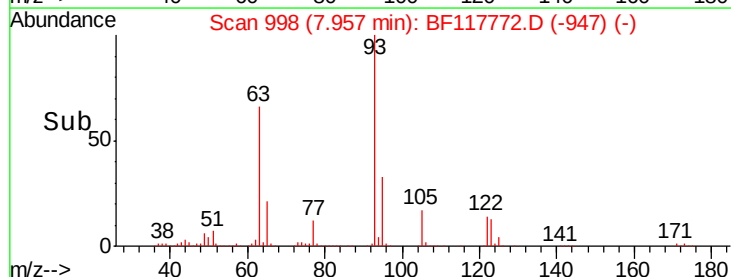
123 13.1 10.5 15.7

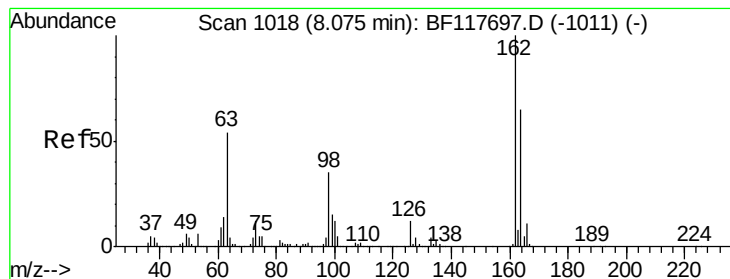


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.713 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

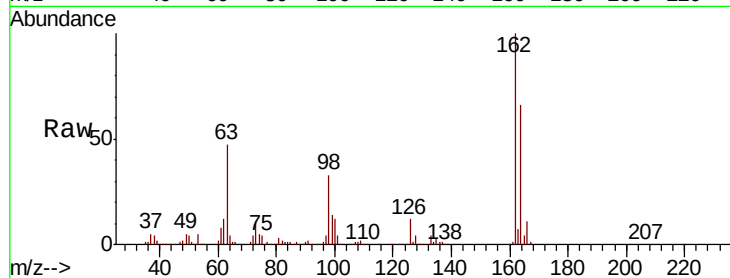
Tot Ion:162 Resp: 593281

Ion Ratio Lower Upper

162 100

164 66.0 43.7 83.7

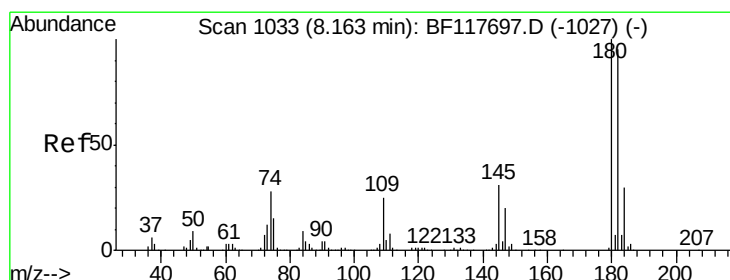
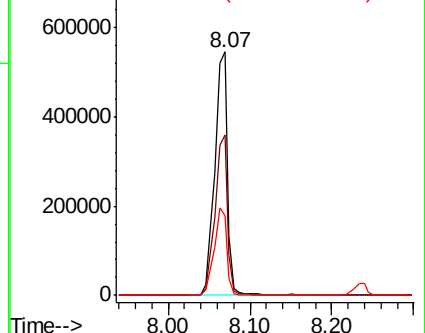
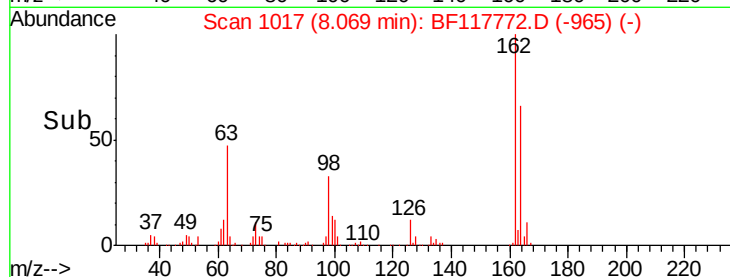
98 32.9 17.1 57.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.928 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

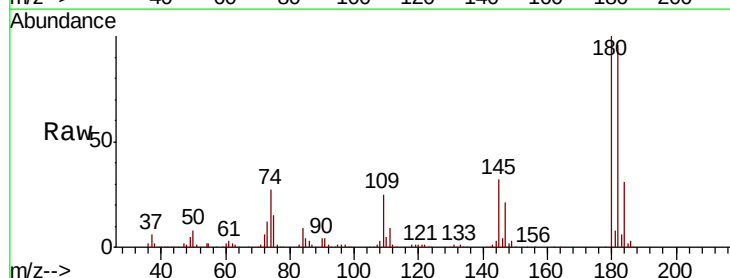
Tgt Ion:180 Resp: 666399

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

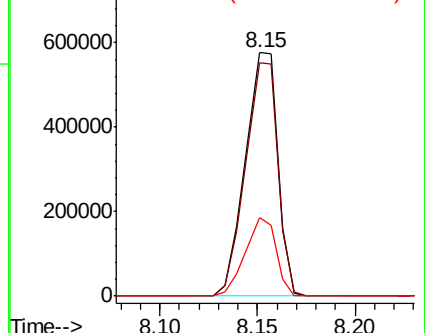
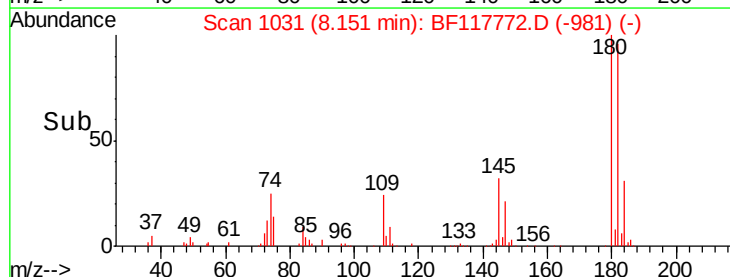
145 32.1 23.8 35.8

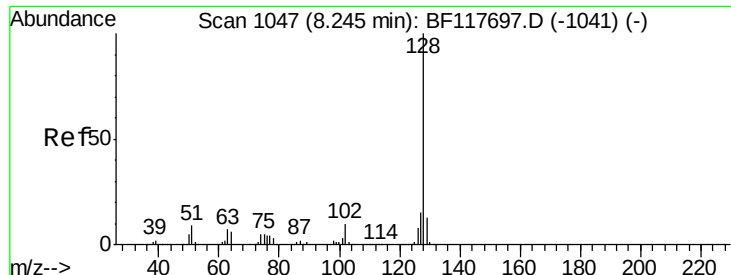


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

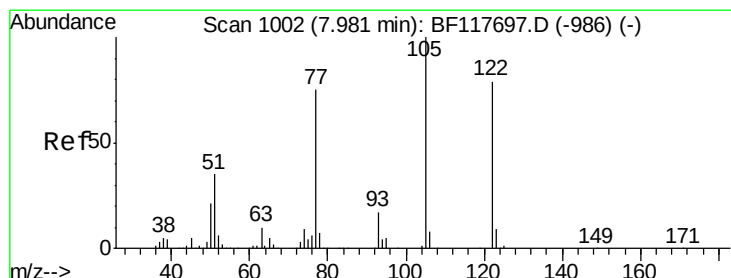
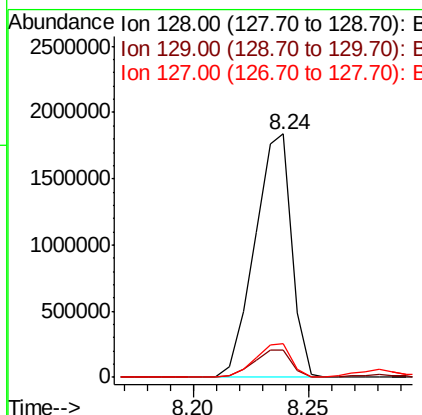
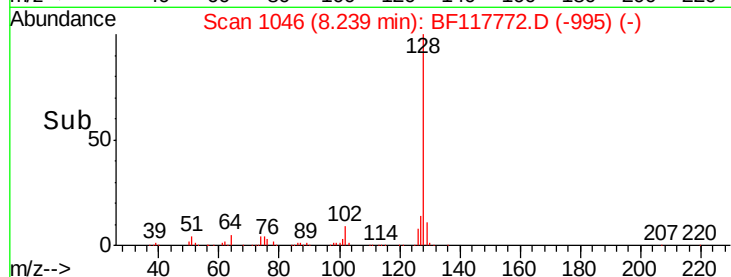
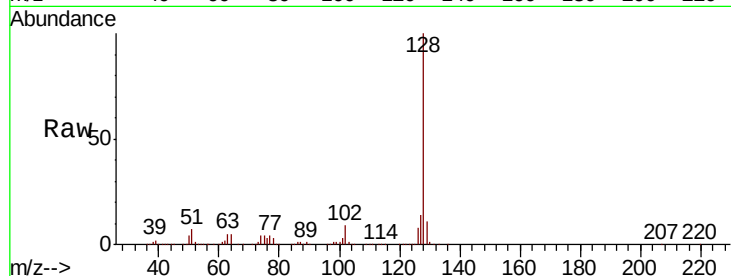




#31
Naphthalene
Concen: 44.793 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

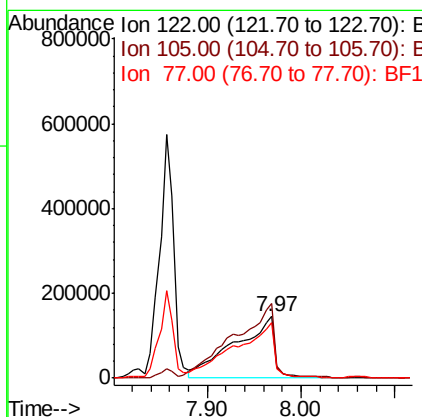
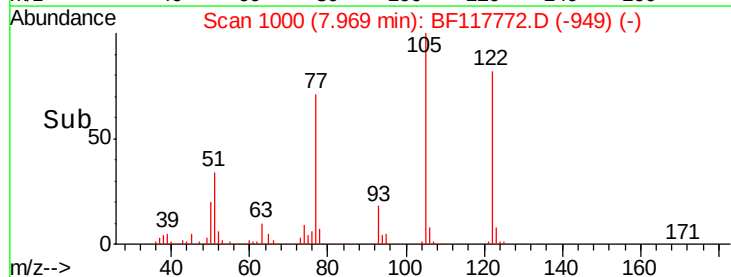
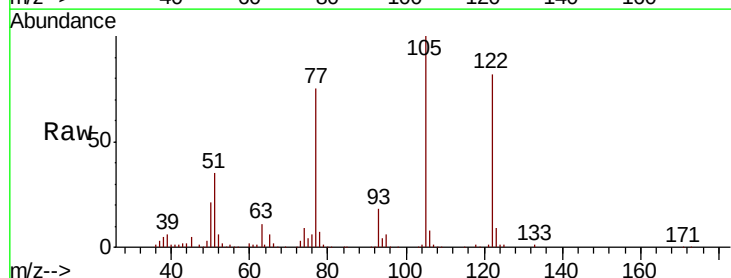
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

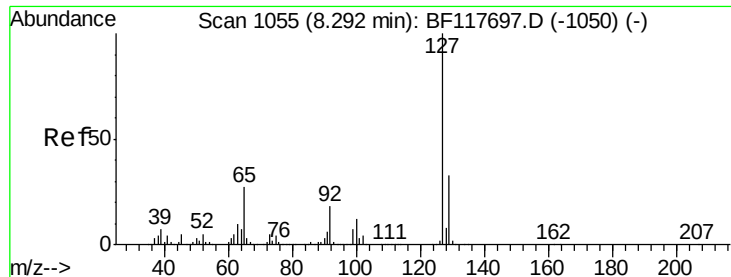
Tot Ion:128 Resp: 2041488
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.8 11.4 17.2



#32
Benzoic acid
Concen: 38.866 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:122 Resp: 424730
Ion Ratio Lower Upper
122 100
105 122.0 99.4 139.4
77 90.9 69.4 109.4

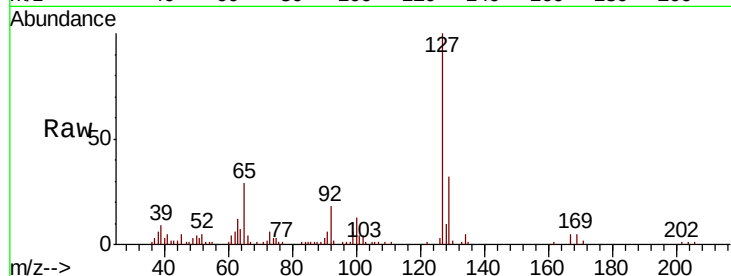




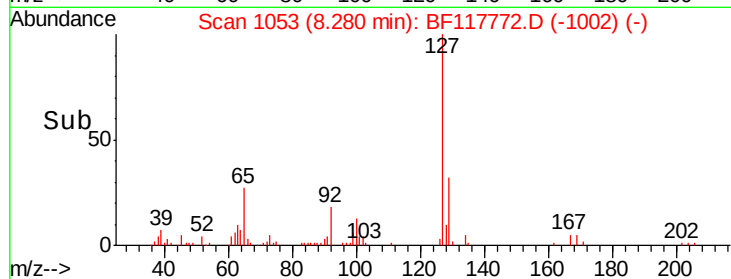
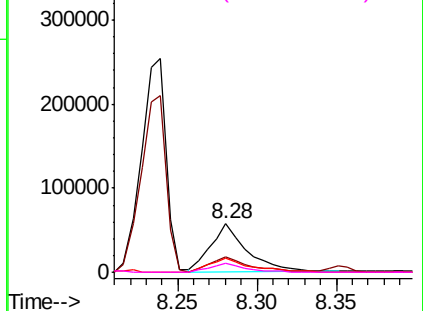
#33
4-Chloroaniline
Concen: 4.210 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:127	Resp:	89147
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.6 39.8
65	28.6	23.0 34.6
92	18.1	14.9 22.3

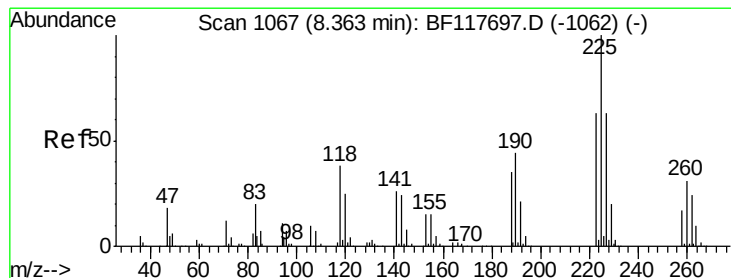


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

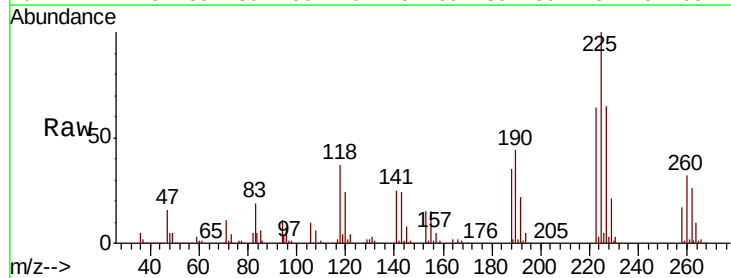
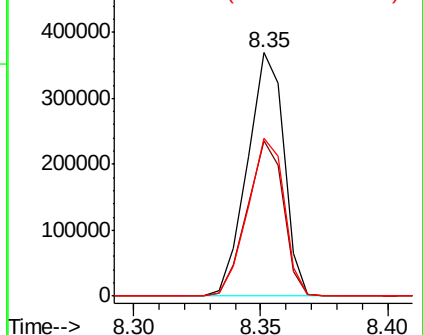


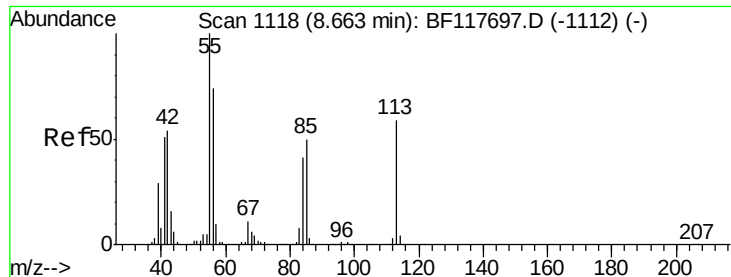
#34
Hexachlorobutadiene
Concen: 39.815 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:225	Resp:	371241
Ion Ratio	Lower	Upper
225	100	
223	63.6	49.4 74.0
227	65.0	50.3 75.5



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: 37.696 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

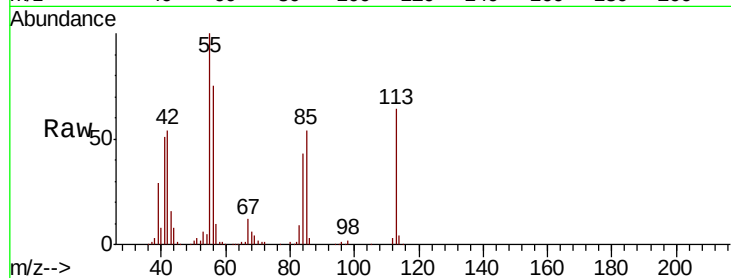
Tot Ion:113 Resp: 177708

Ion Ratio Lower Upper

113 100

55 156.7 143.2 183.2

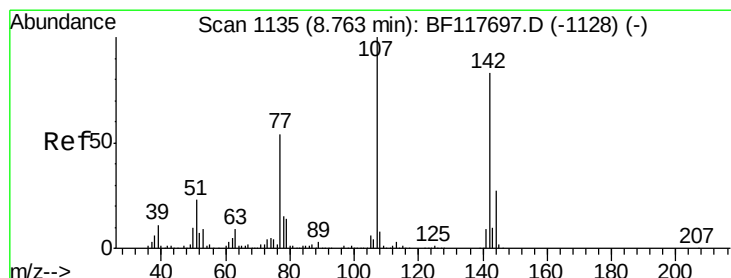
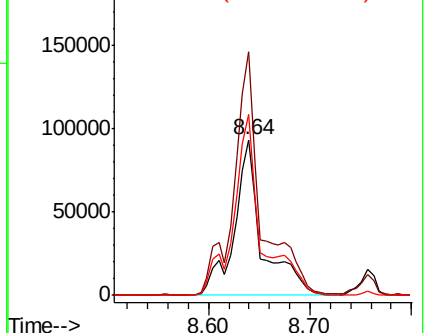
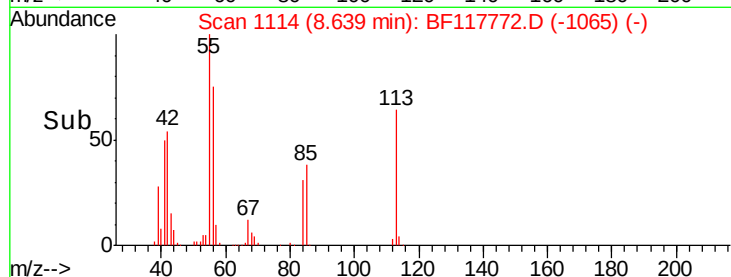
56 116.8 101.2 141.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.780 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

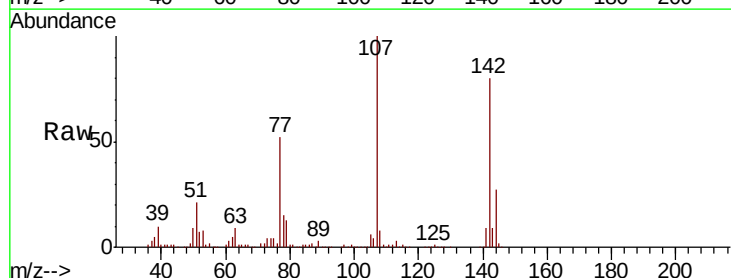
Tgt Ion:107 Resp: 585285

Ion Ratio Lower Upper

107 100

144 26.8 21.7 32.5

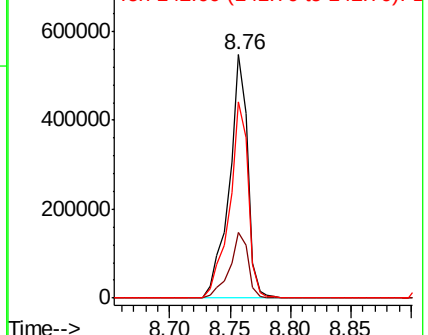
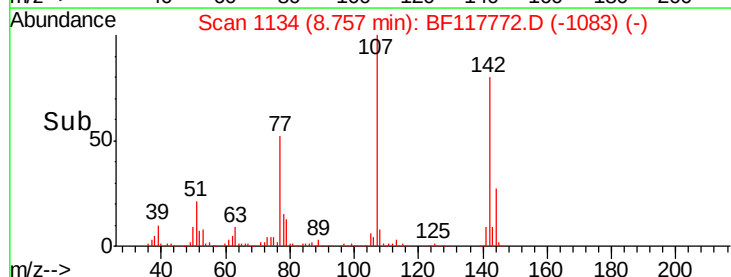
142 80.5 65.9 98.9

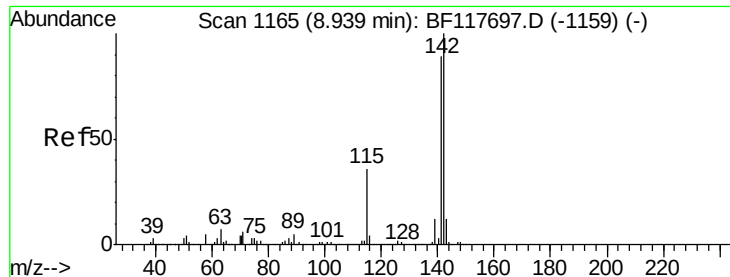


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

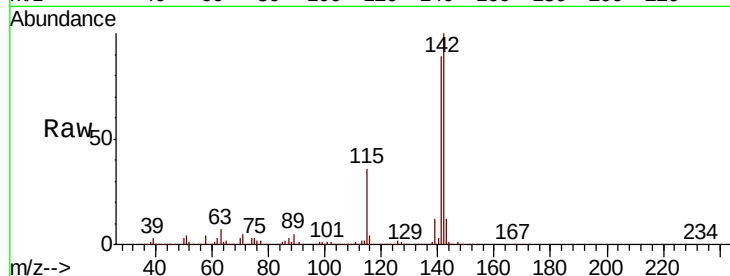




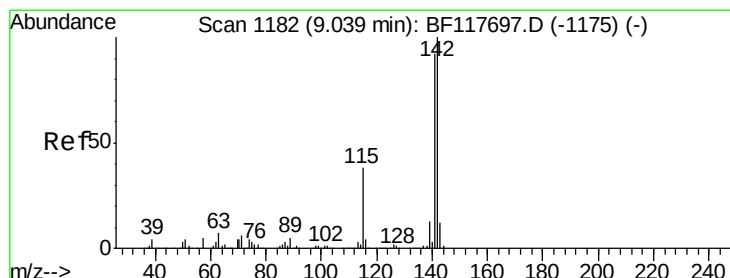
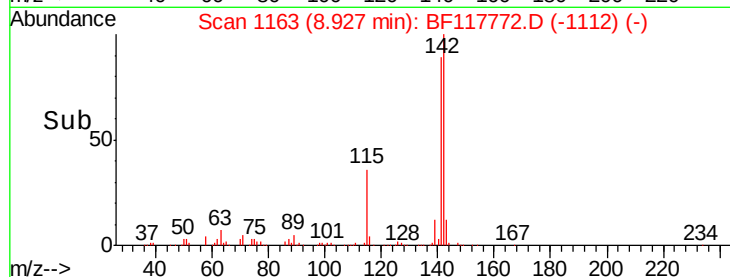
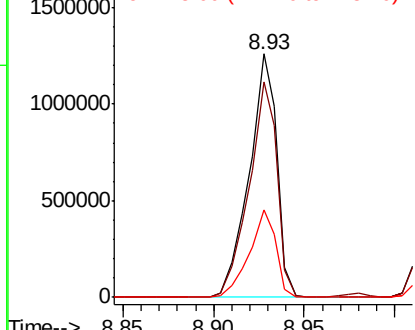
#37
2-Methylnaphthalene
Concen: 43.023 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:142 Resp: 1334896
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4
115 35.8 28.8 43.2

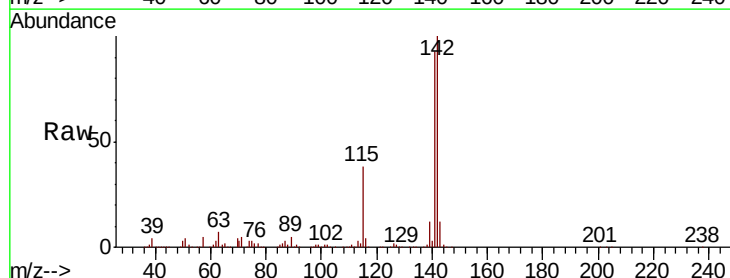


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

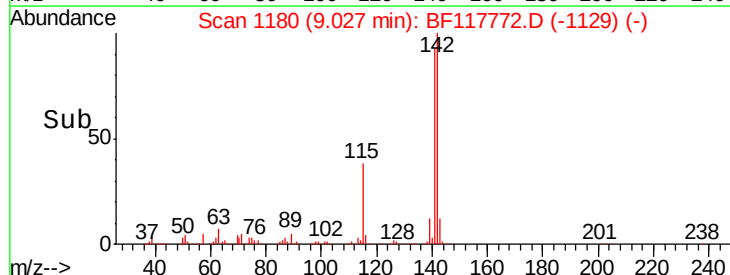
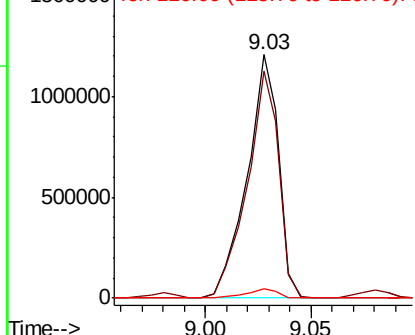


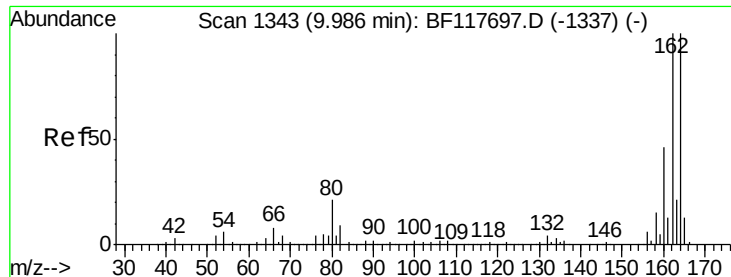
#38
1-Methylnaphthalene
Concen: 42.407 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:142 Resp: 1249518
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3
116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

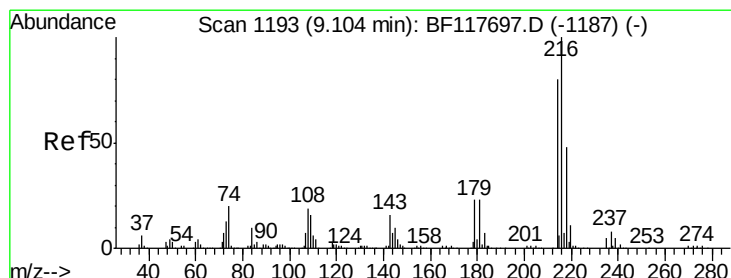
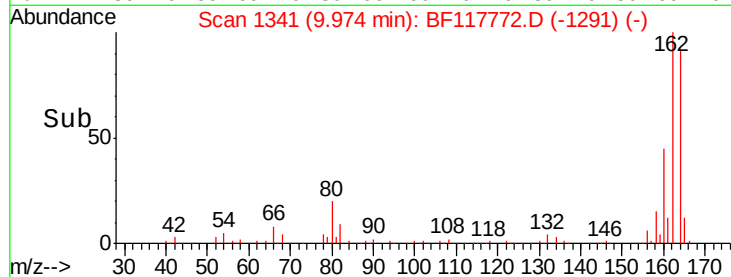
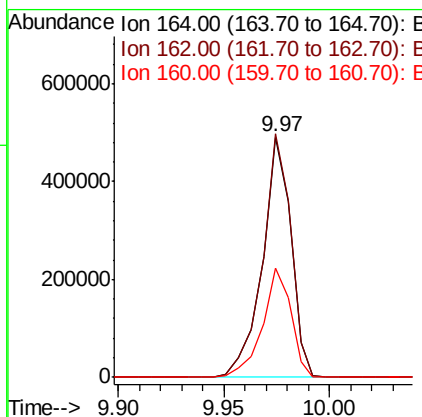
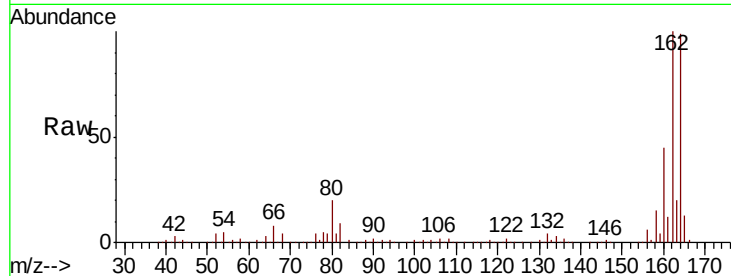




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

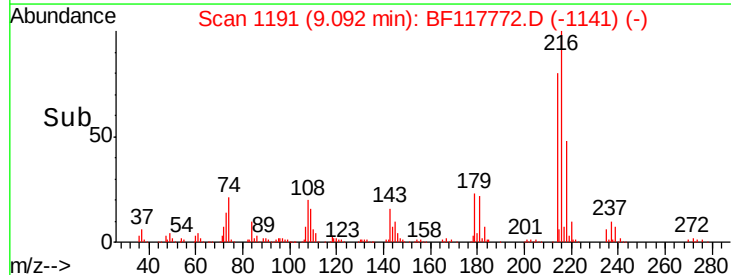
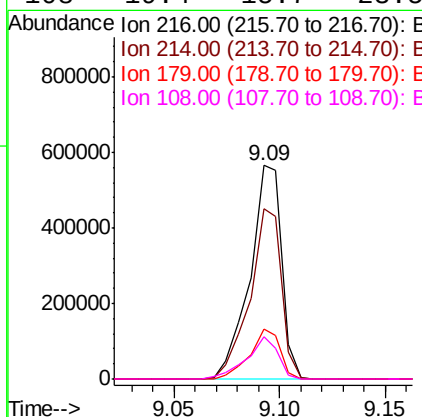
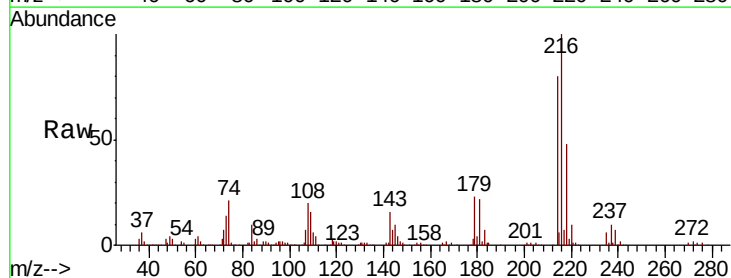
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

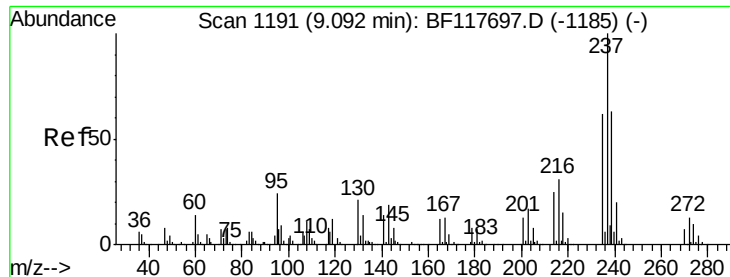
Tot Ion:164 Resp: 464506
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.712 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:216 Resp: 593603
Ion Ratio Lower Upper
216 100
214 78.9 64.0 96.0
179 22.3 18.1 27.1
108 19.4 15.7 23.5

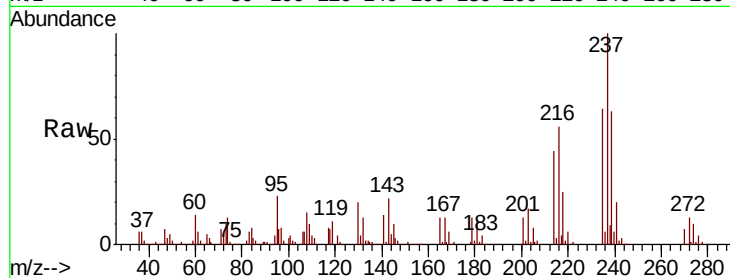




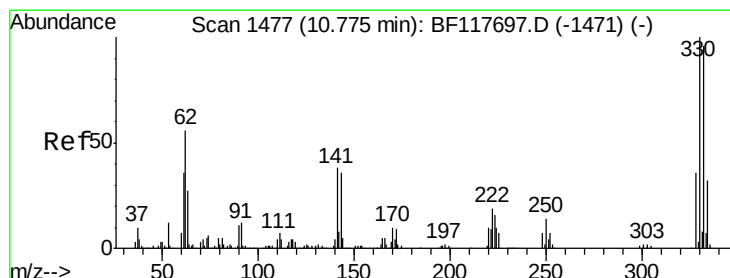
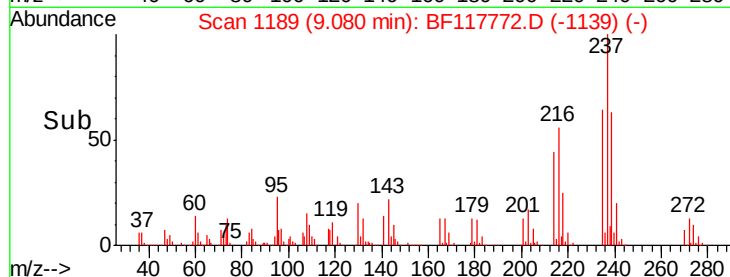
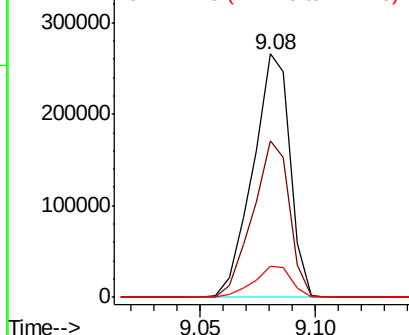
#41
Hexachlorocyclopentadiene
Concen: 43.449 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:237 Resp: 297872
Ion Ratio Lower Upper
237 100
235 64.2 42.2 82.2
272 12.7 0.0 33.4

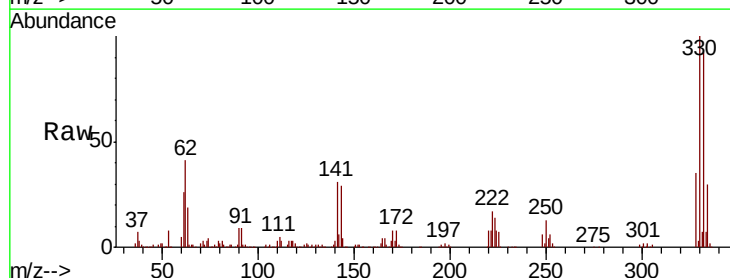


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

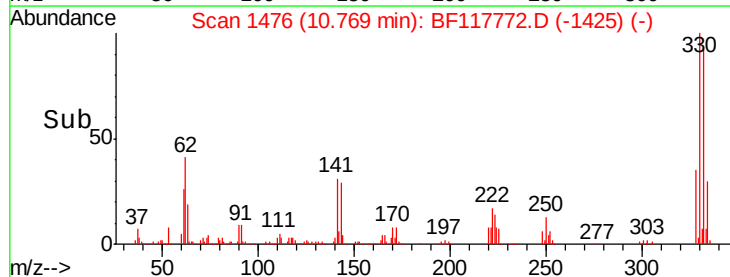
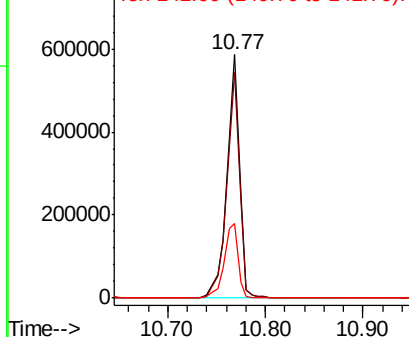


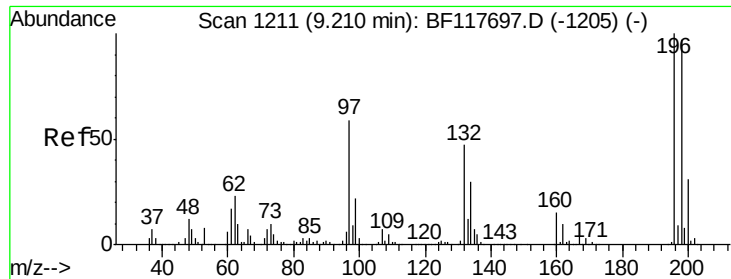
#42
2,4,6-Tribromophenol
Concen: 116.877 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:330 Resp: 531079
Ion Ratio Lower Upper
330 100
332 93.8 76.9 115.3
141 33.9 26.5 39.7



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

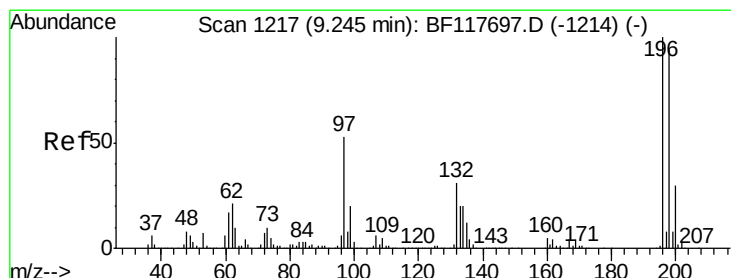
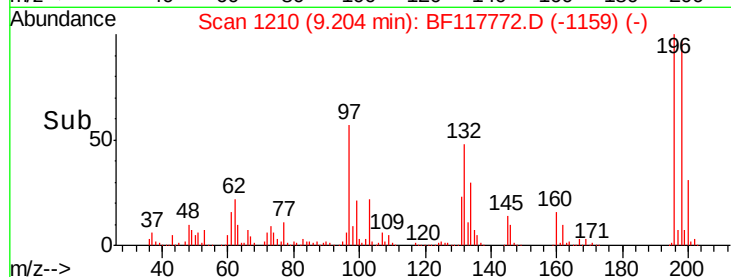
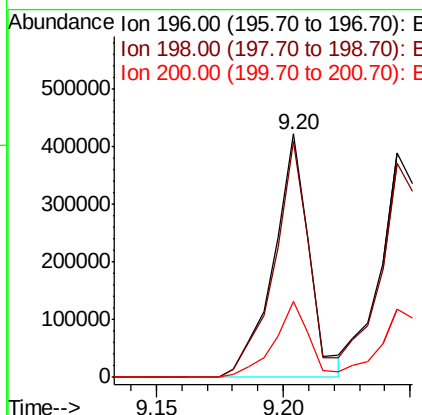
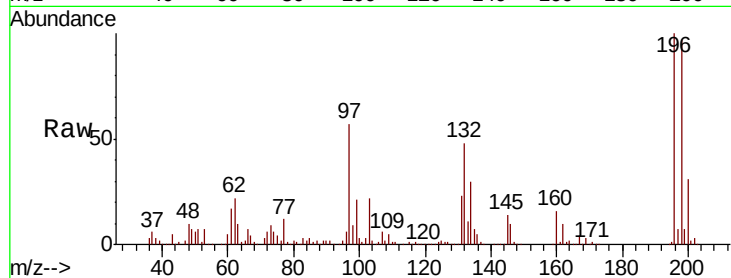




#43
 2,4,6-Trichlorophenol
 Concen: 44.796 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

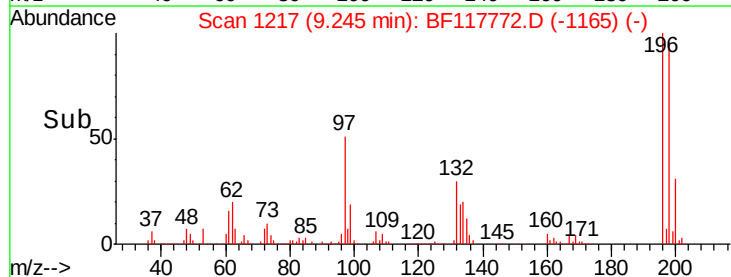
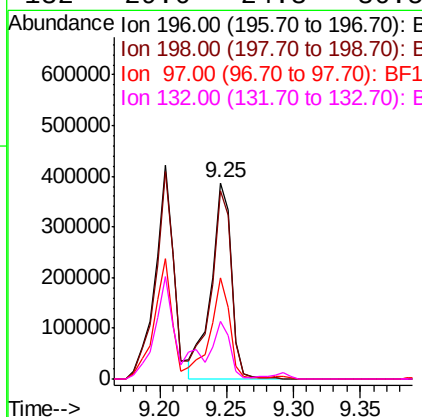
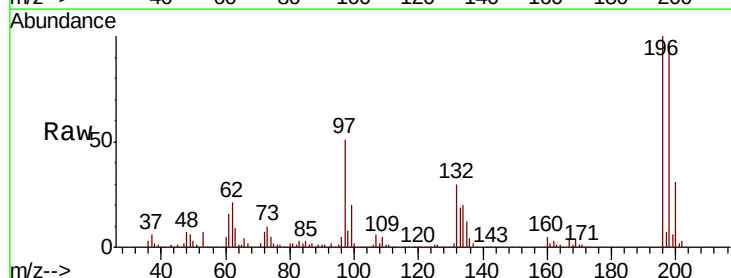
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

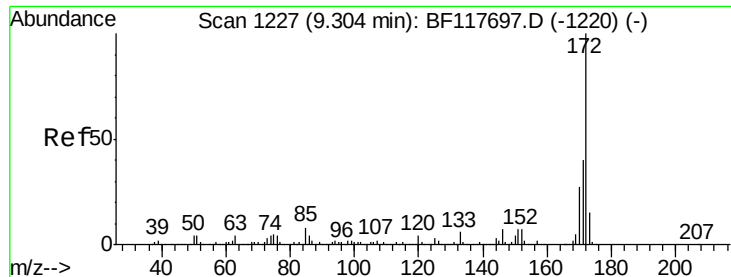
Tot Ion:196	Resp:	414598
Ion	Ratio	Lower Upper
196	100	
198	96.9	75.3 112.9
200	31.3	23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 44.366 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion:196	Resp:	416212
Ion	Ratio	Lower Upper
196	100	
198	96.0	76.4 114.6
97	51.4	41.8 62.8
132	29.6	24.3 36.5

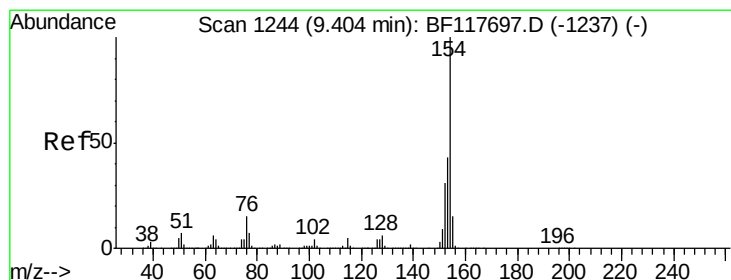
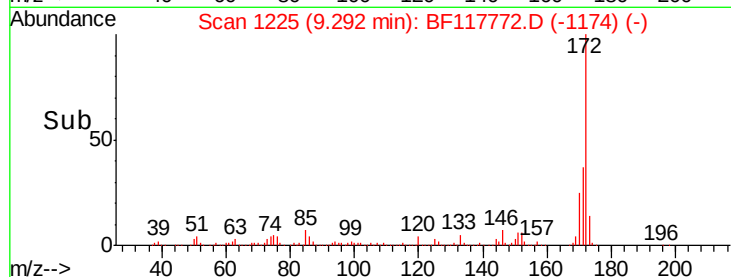
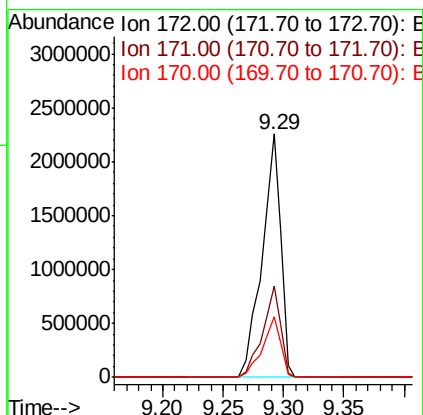
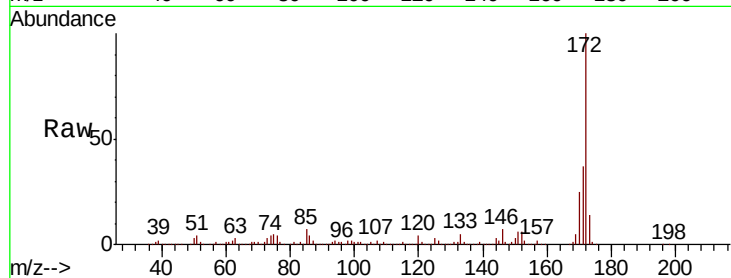




#45
2-Fluorobiphenyl
Concen: 103.777 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

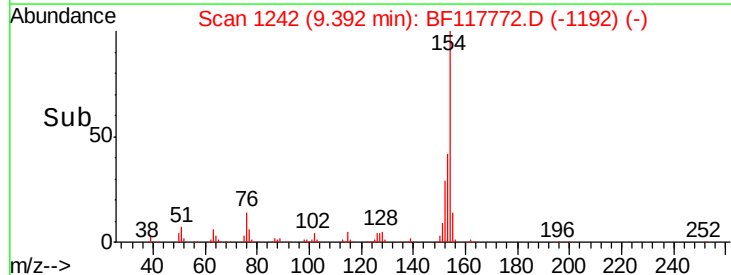
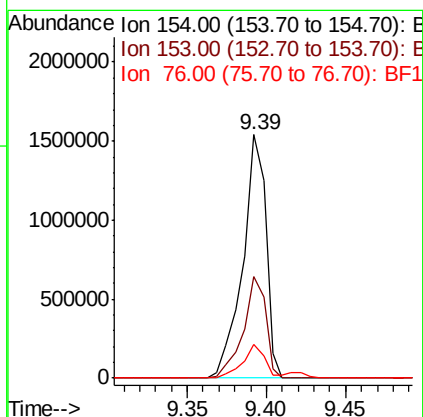
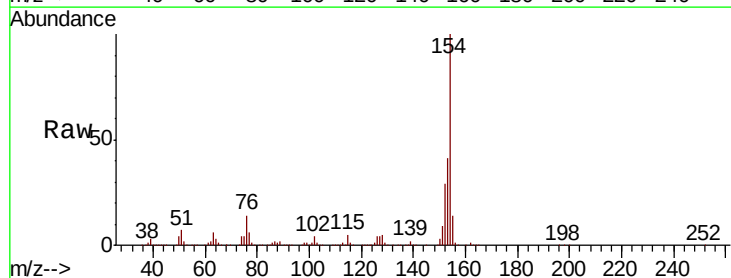
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

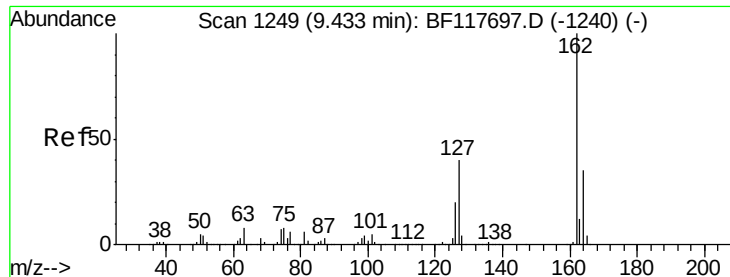
Tot Ion:172 Resp: 2443222
Ion Ratio Lower Upper
172 100
171 37.3 30.7 46.1
170 25.1 20.6 30.8



#46
1,1'-Biphenyl
Concen: 47.654 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:154 Resp: 1550272
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 13.6 0.0 32.0

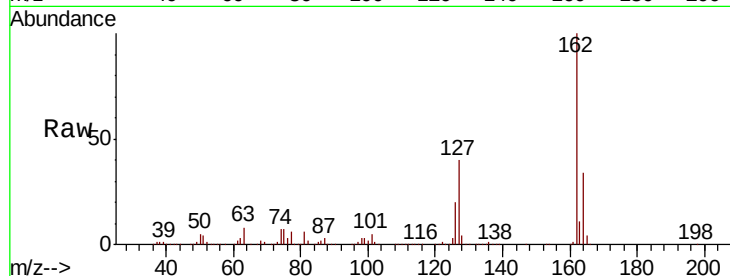




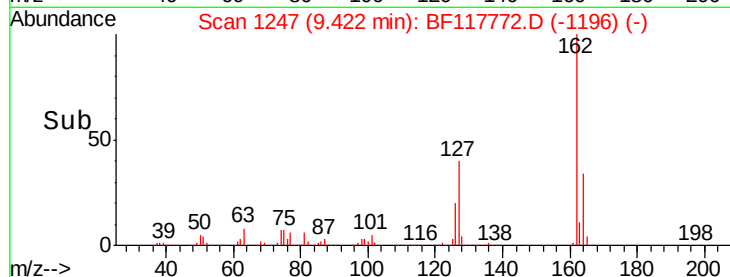
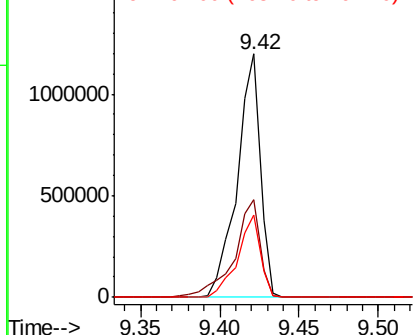
#47
 2-Chloronaphthalene
 Concen: 44.800 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion: 162 Resp: 1209476
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.0 49.6
 164 34.0 27.4 41.0

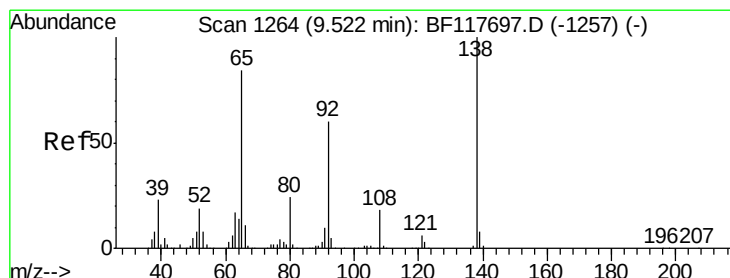


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

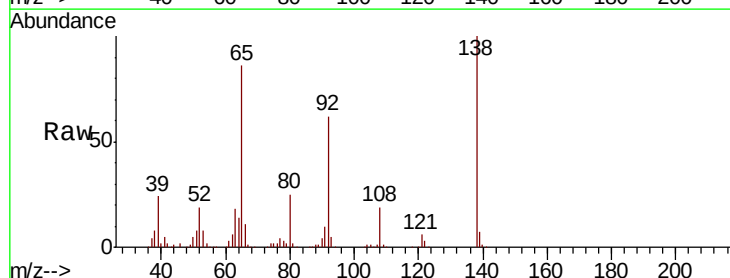
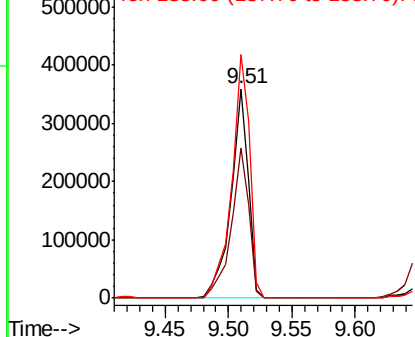


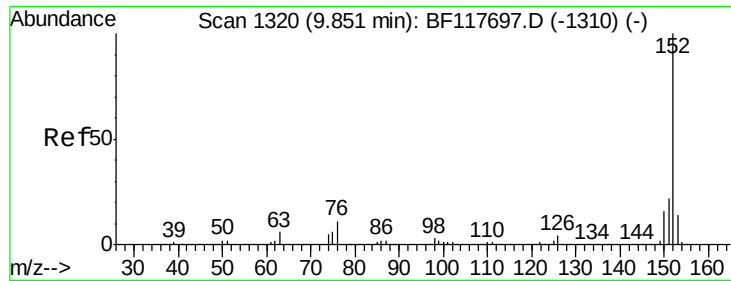
#48
 2-Nitroaniline
 Concen: 39.891 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion: 65 Resp: 337490
 Ion Ratio Lower Upper
 65 100
 92 71.5 57.9 86.9
 138 116.2 90.7 136.1



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: 45.907 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

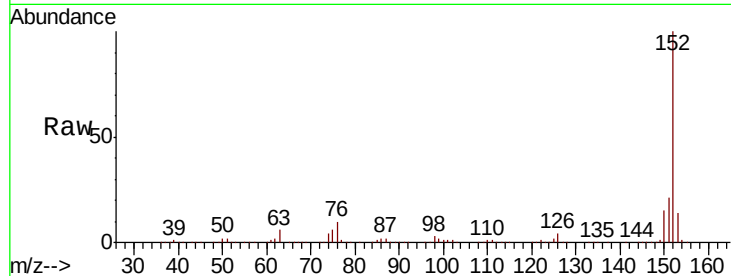
Tot Ion:152 Resp: 1804891

Ion Ratio Lower Upper

152 100

151 21.2 17.5 26.3

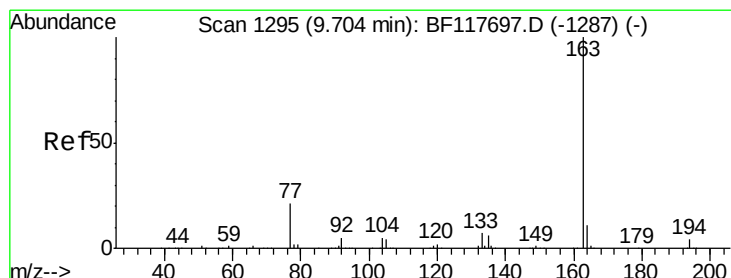
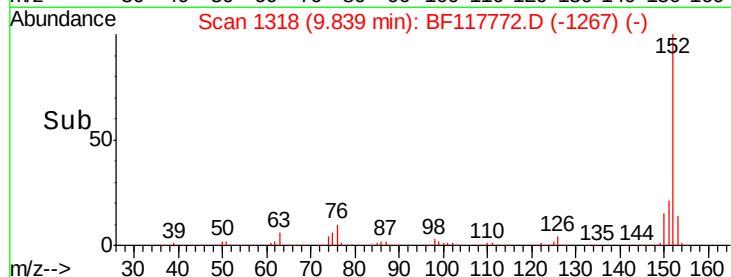
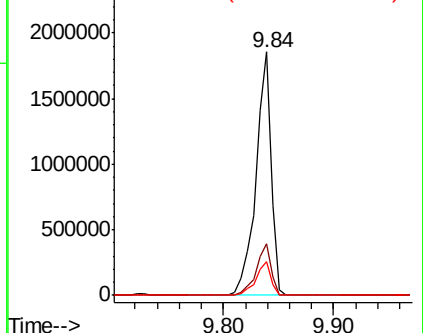
153 13.9 11.7 17.5



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: 43.394 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

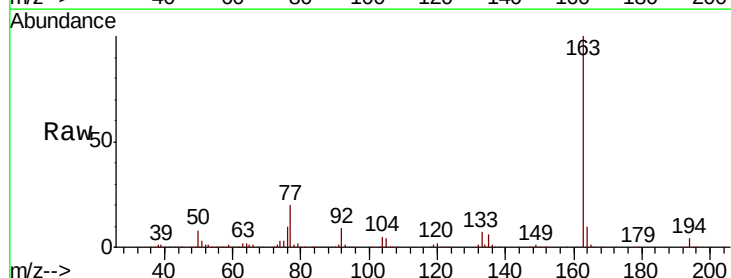
Tgt Ion:163 Resp: 1362655

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

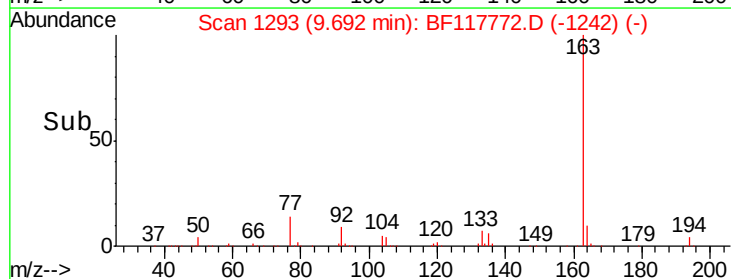
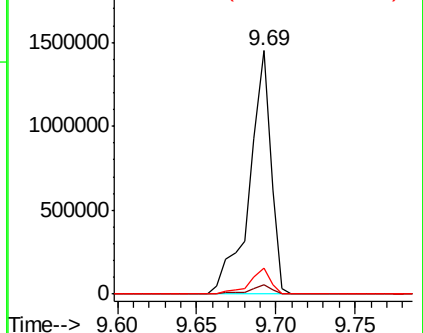
164 10.5 8.6 13.0

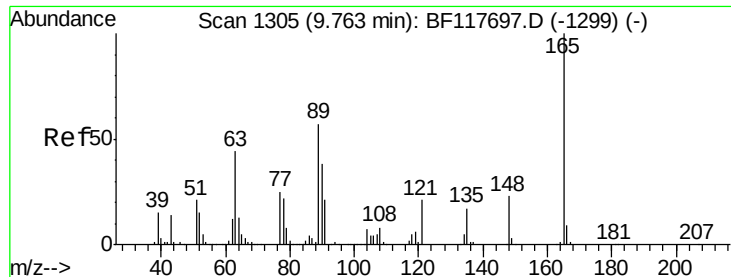


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

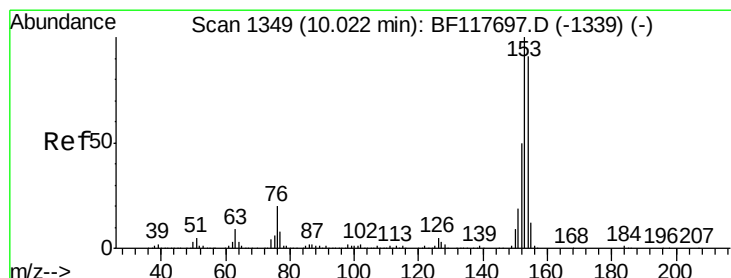
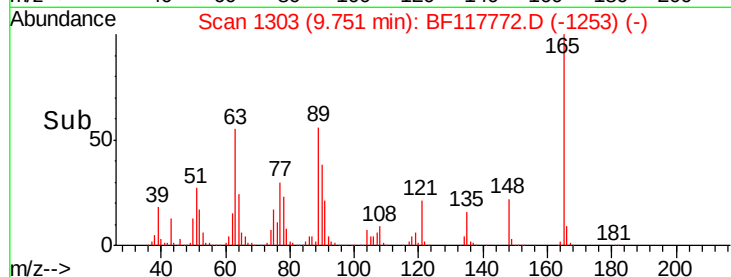
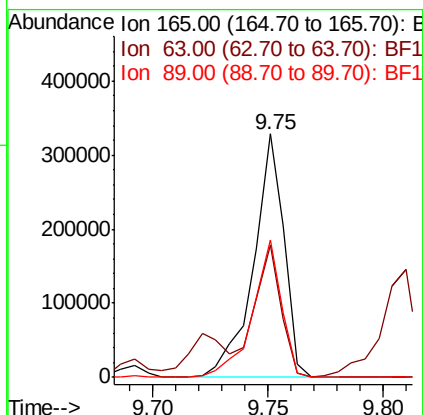
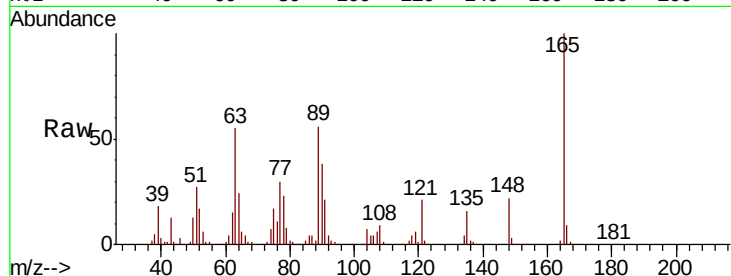




#51
 2,6-Dinitrotoluene
 Concen: 42.971 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

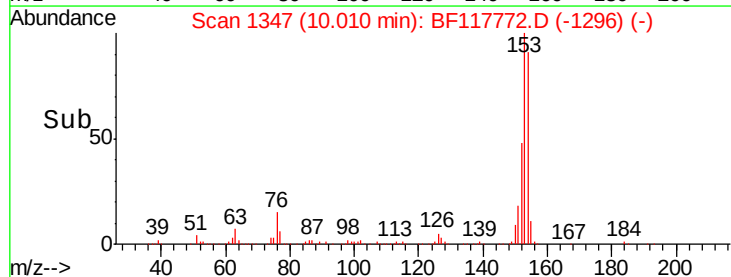
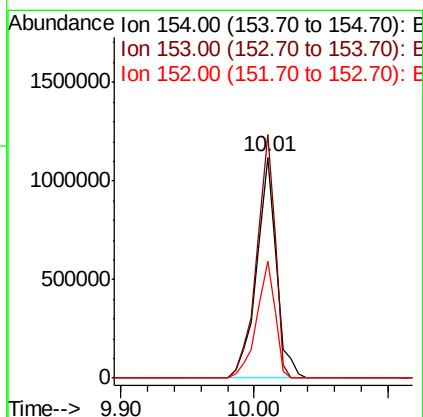
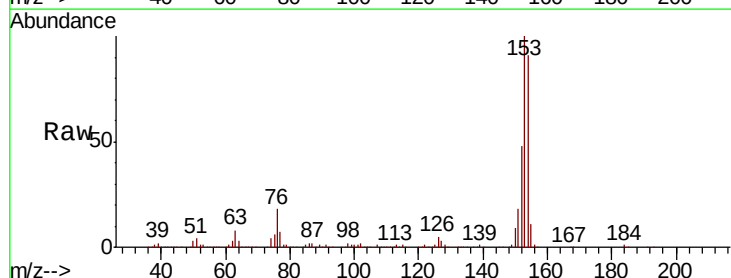
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

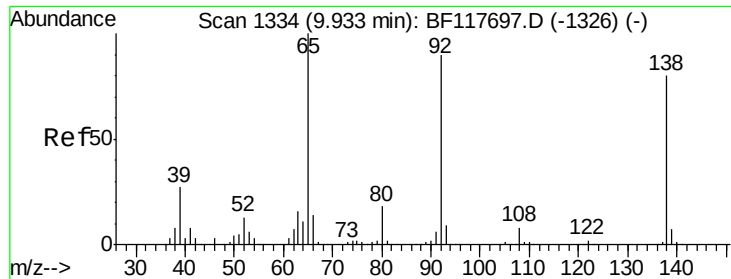
Tot Ion:165 Resp: 302156
 Ion Ratio Lower Upper
 165 100
 63 54.5 36.6 55.0
 89 56.5 39.2 58.8



#52
 Acenaphthene
 Concen: 44.265 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion:154 Resp: 1122995
 Ion Ratio Lower Upper
 154 100
 153 110.3 89.0 133.6
 152 53.2 43.8 65.8

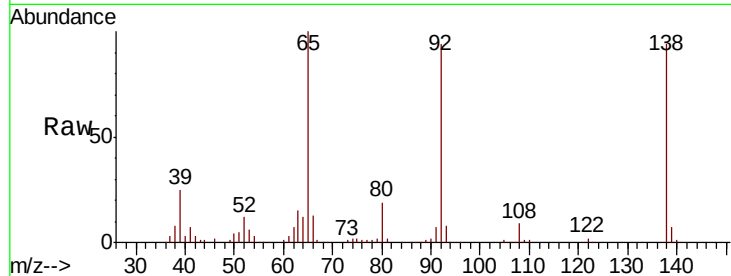




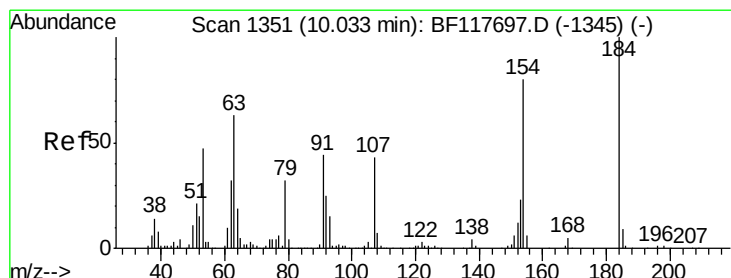
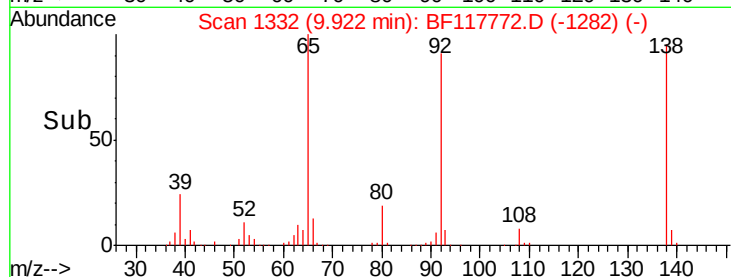
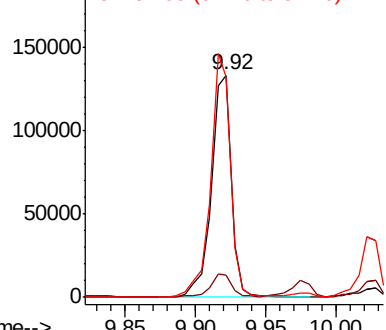
#53
3-Nitroaniline
Concen: 15.553 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:138 Resp: 131942
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 99.1 81.5 122.3

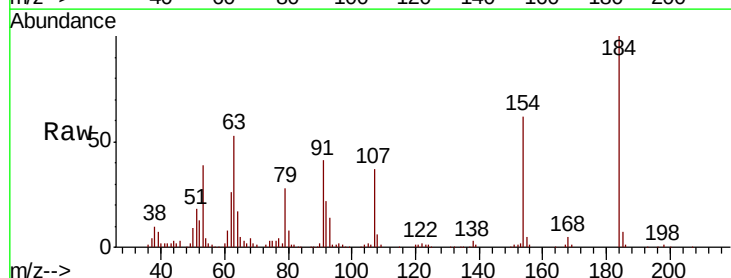


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

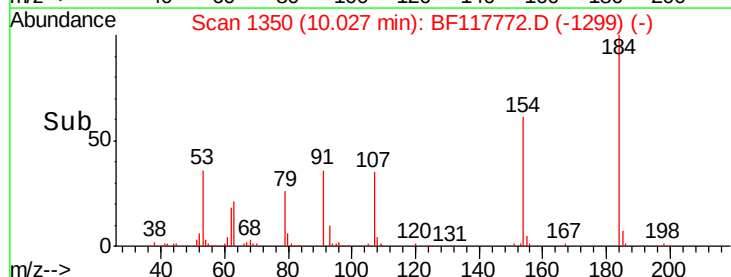
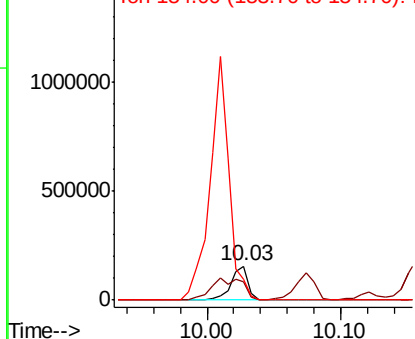


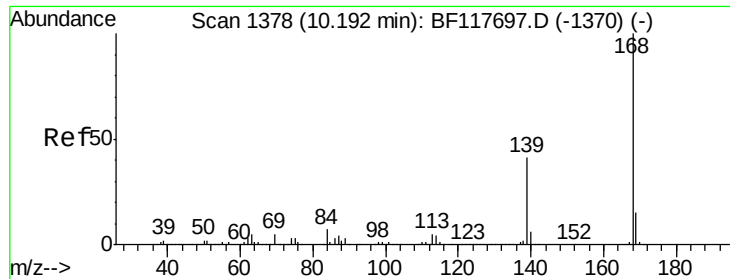
#54
2,4-Dinitrophenol
Concen: 58.260 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:184 Resp: 140447
Ion Ratio Lower Upper
184 100
63 53.3 45.8 68.8
154 61.6 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.870 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

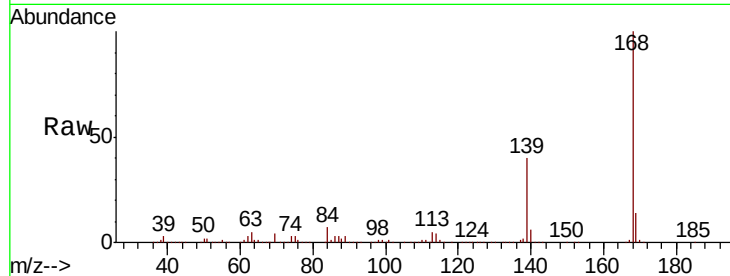
Tot Ion:168 Resp: 1557389

Ion Ratio Lower Upper

168 100

139 39.7 31.4 47.2

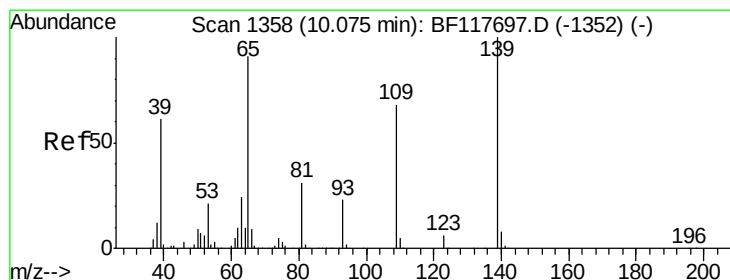
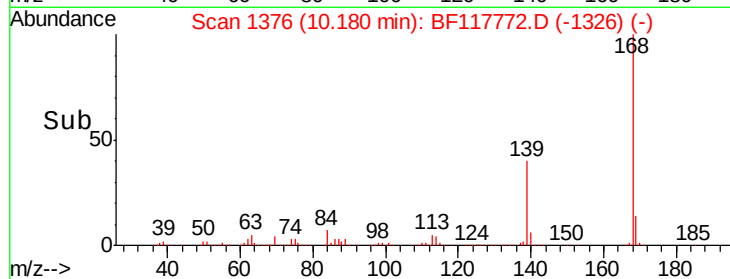
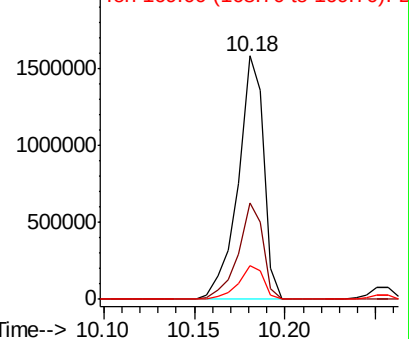
169 13.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.446 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

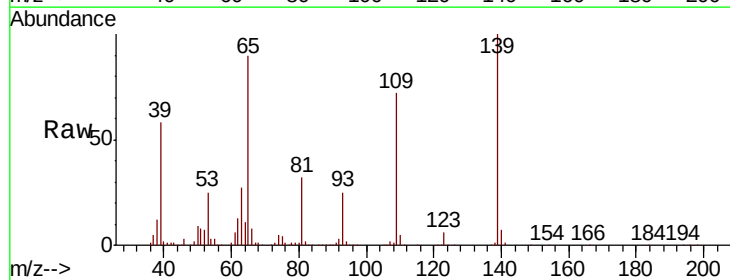
Tgt Ion:139 Resp: 487720

Ion Ratio Lower Upper

139 100

109 72.1 45.1 85.1

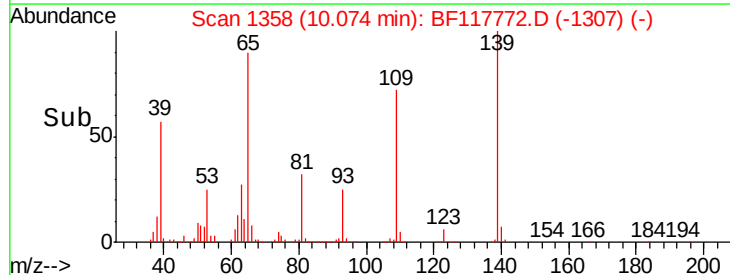
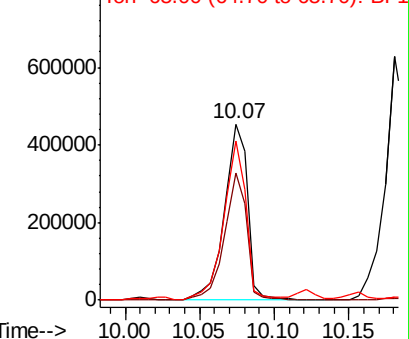
65 90.5 61.7 101.7

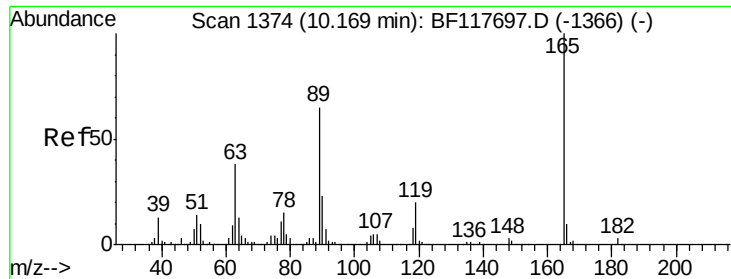


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

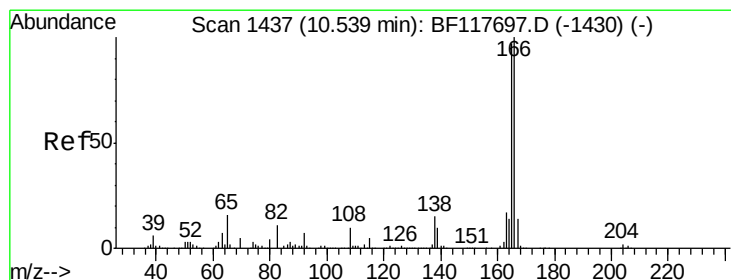
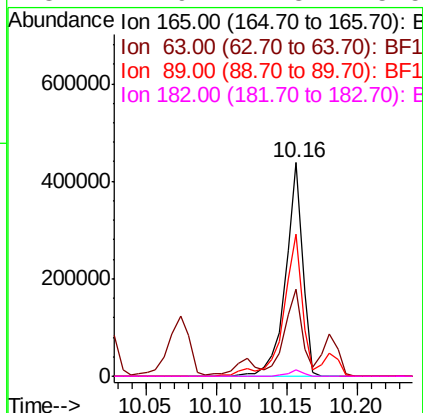
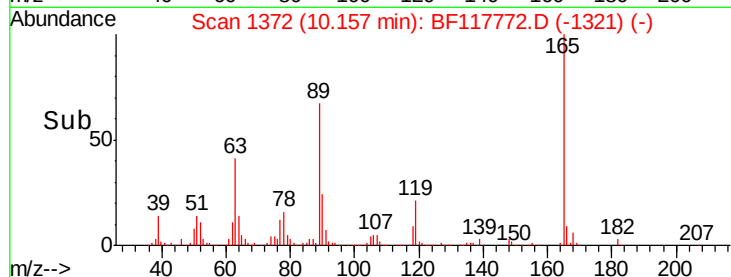
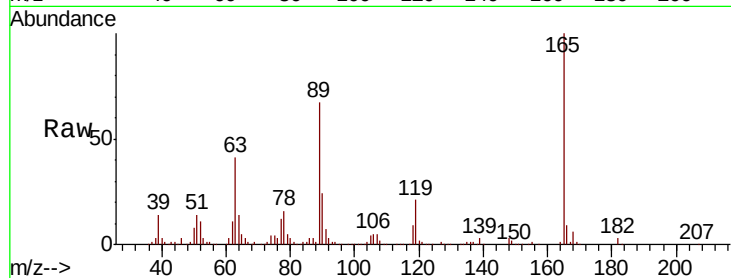




#57
2,4-Dinitrotoluene
Concen: 40.695 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

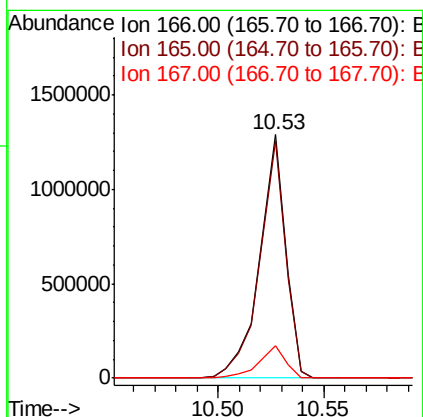
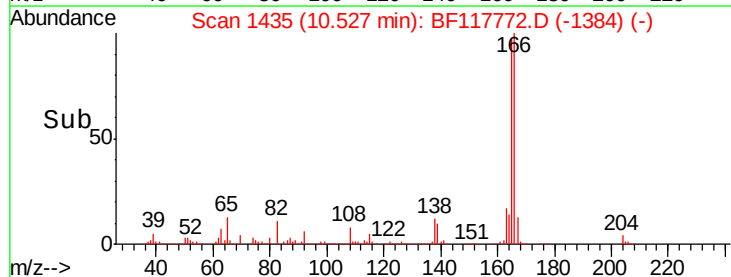
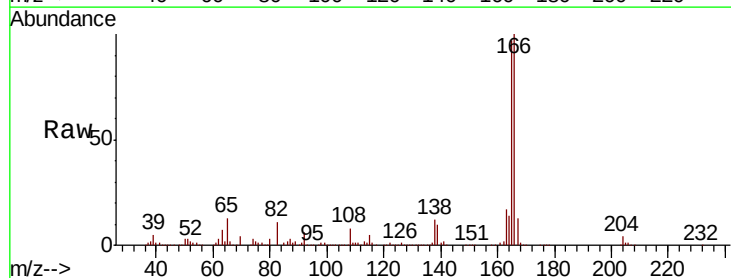
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

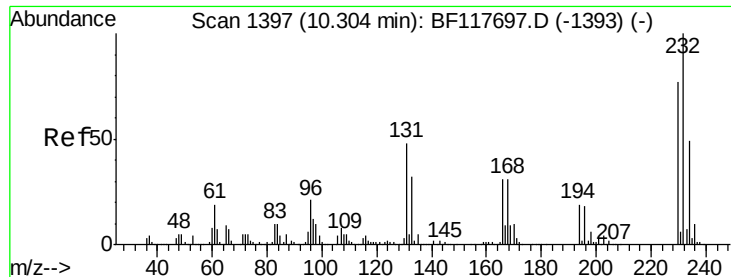
Tot Ion:165 Resp: 367080
Ion Ratio Lower Upper
165 100
63 40.7 34.4 51.6
89 66.7 57.8 86.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.783 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:166 Resp: 1119384
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.3 11.3 16.9

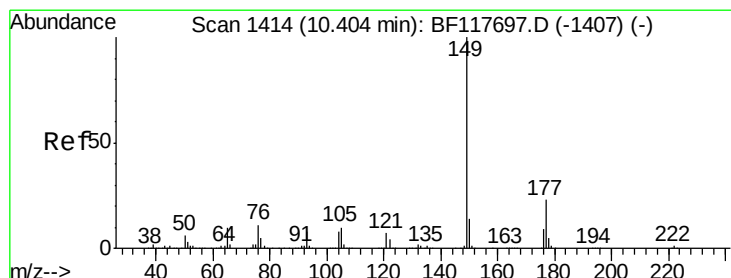
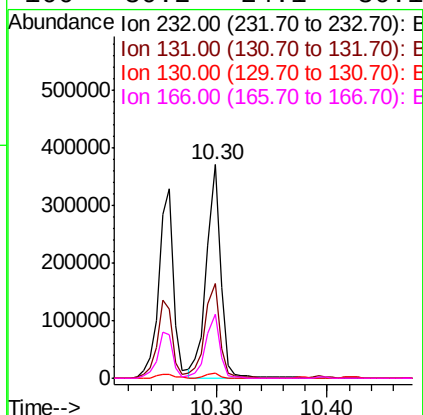
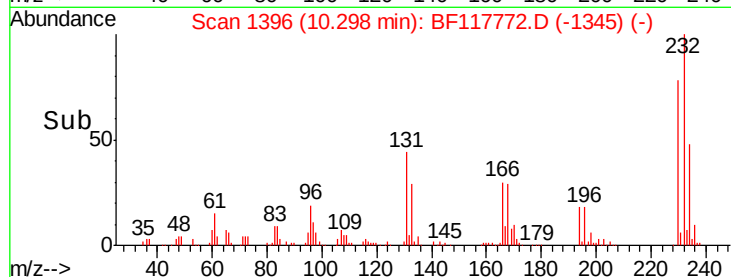
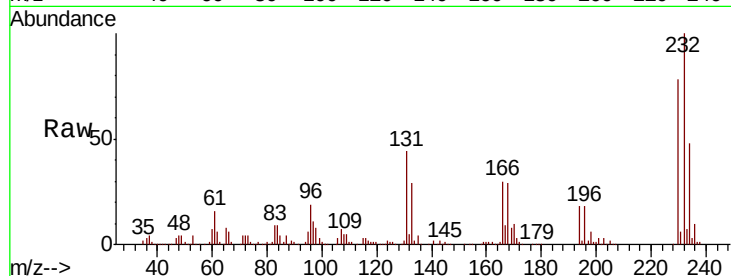




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.228 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

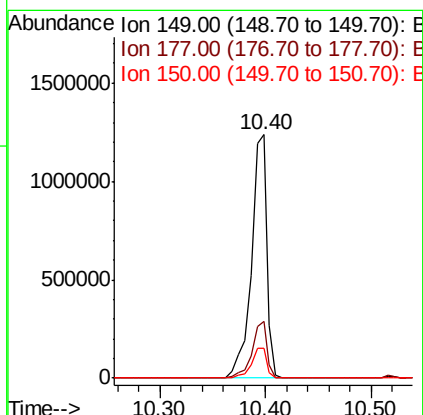
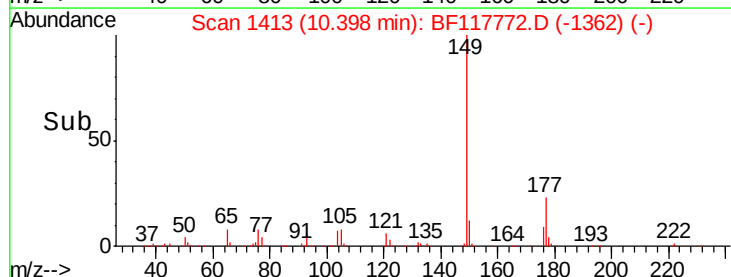
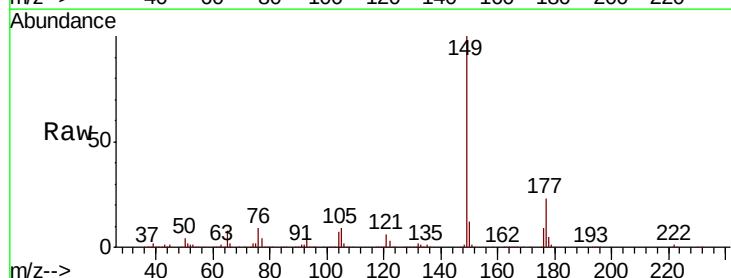
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

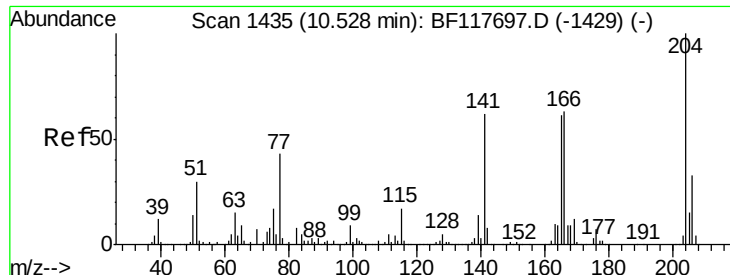
Tot Ion:232 Resp: 321514
Ion Ratio Lower Upper
232 100
131 46.8 36.2 54.4
130 2.3 1.8 2.8
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 41.099 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:149 Resp: 1269237
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 12.4 10.2 15.2

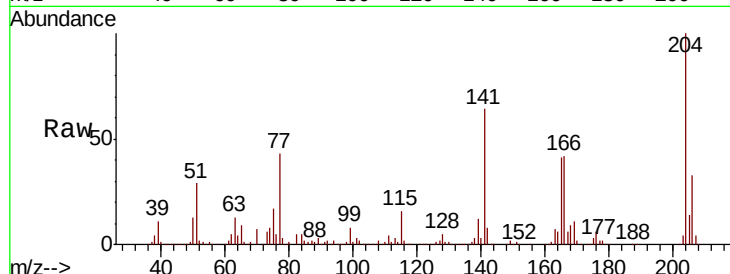




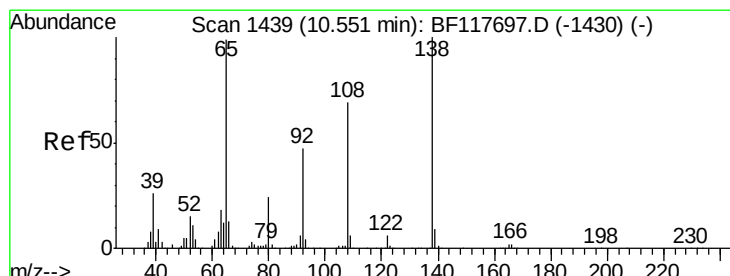
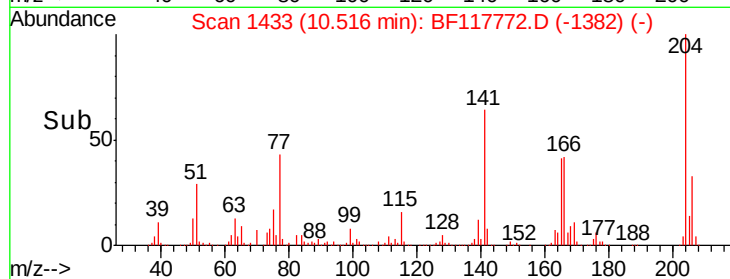
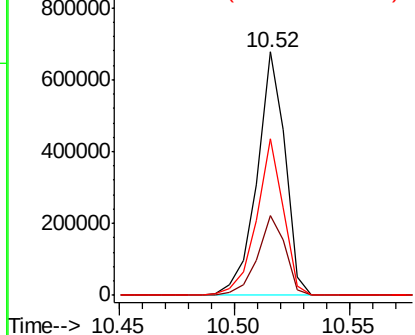
#61
4-Chlorophenyl-phenylether
Concen: 42.221 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:204 Resp: 575058
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 64.1 50.4 75.6

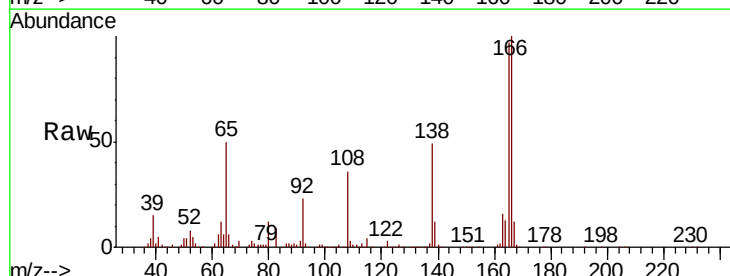


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

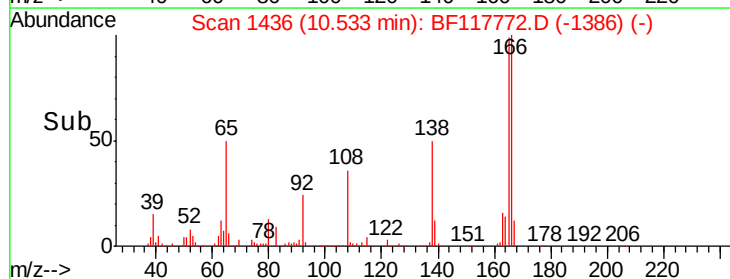
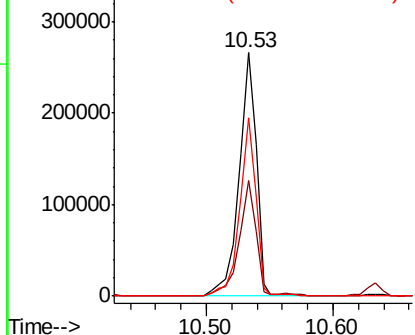


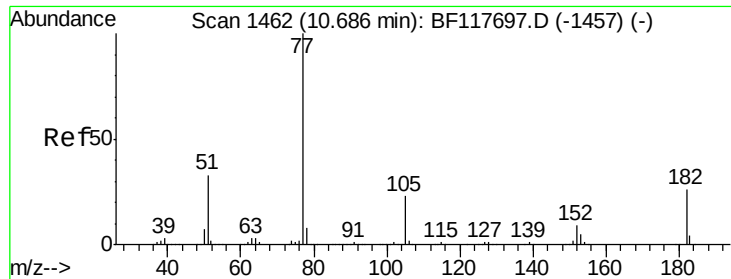
#62
4-Nitroaniline
Concen: 29.818 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:138 Resp: 248971
Ion Ratio Lower Upper
138 100
92 47.3 29.3 69.3
108 73.3 52.7 92.7



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

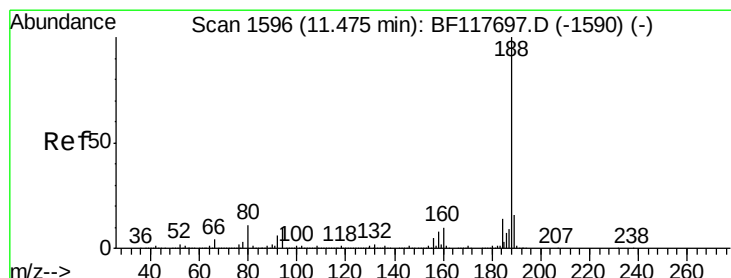
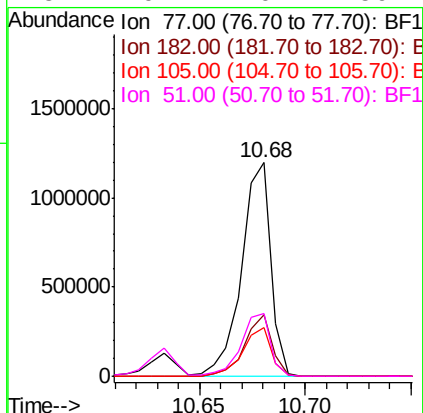
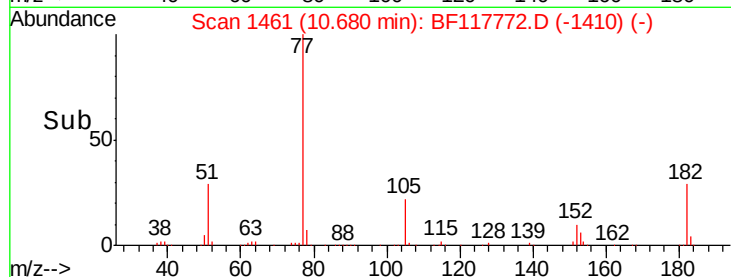
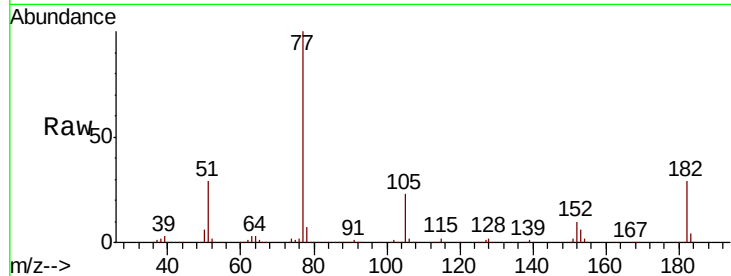




#63
Azobenzene
Concen: 39.225 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

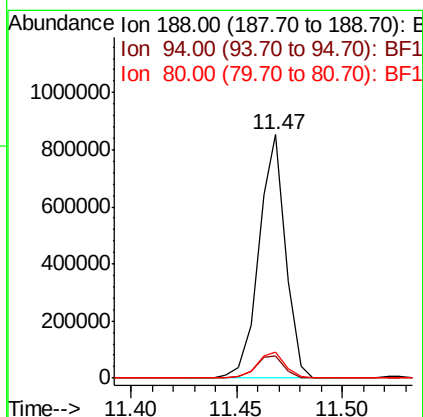
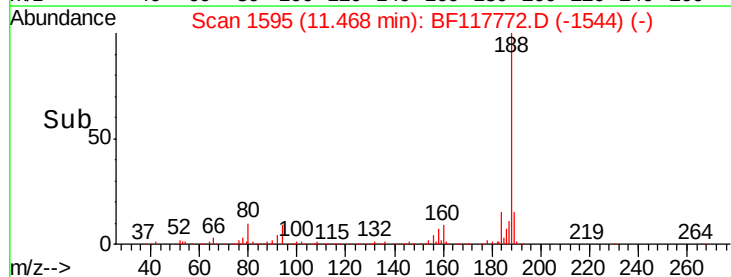
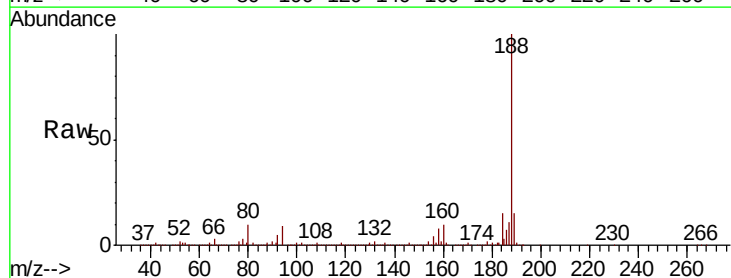
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

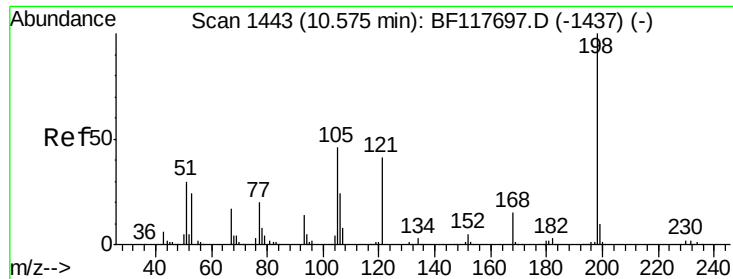
Tot Ion: 77 Resp: 1147318
Ion Ratio Lower Upper
77 100
182 29.0 9.8 49.8
105 23.0 3.3 43.3
51 29.2 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion: 188 Resp: 745130
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.5 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.275 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

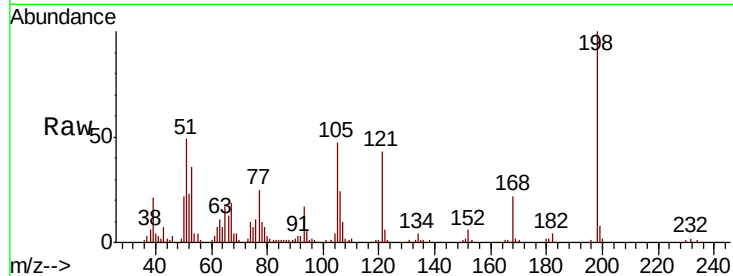
Tot Ion:198 Resp: 101980

Ion Ratio Lower Upper

198 100

51 49.4 19.9 59.9

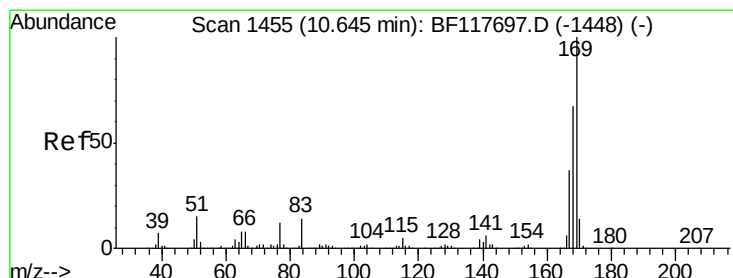
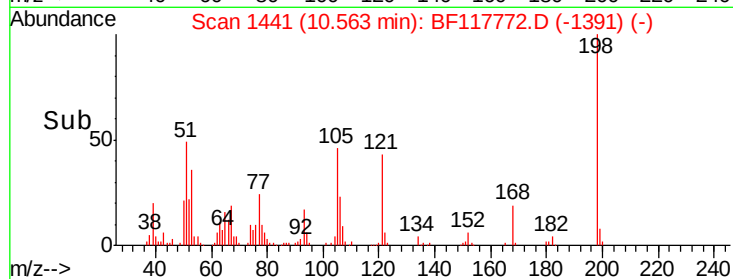
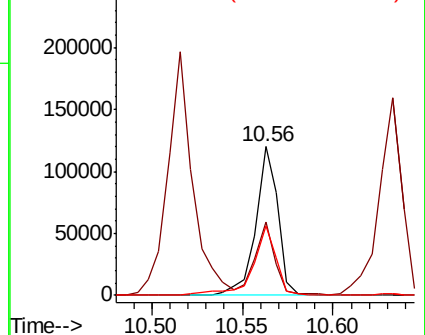
105 46.6 22.6 62.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.943 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

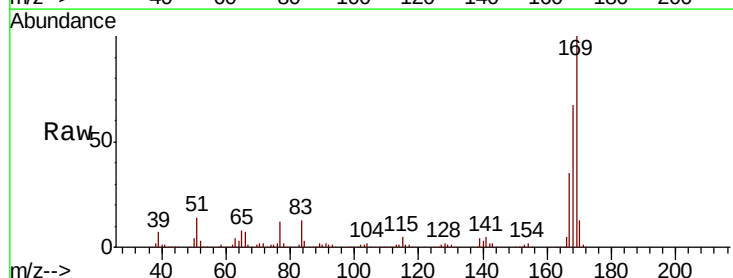
Tgt Ion:169 Resp: 1011088

Ion Ratio Lower Upper

169 100

168 67.0 53.1 79.7

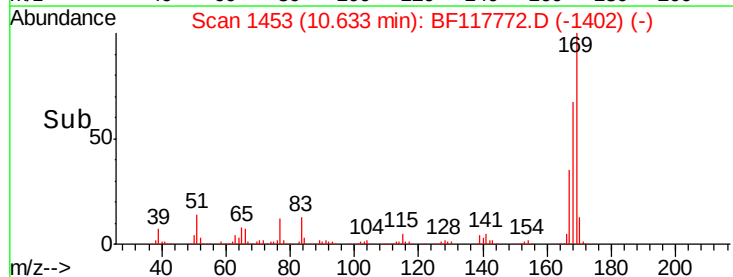
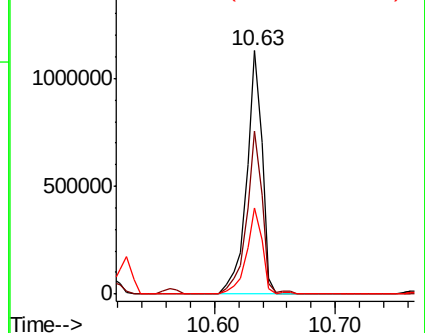
167 35.5 29.3 43.9

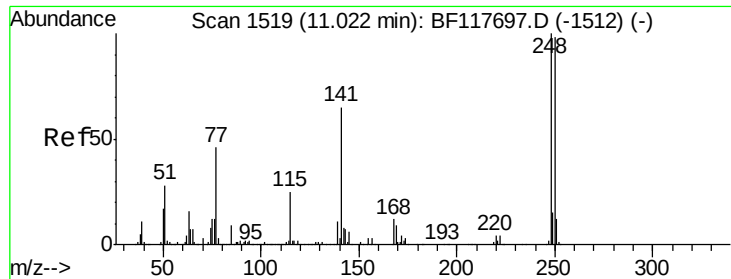


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

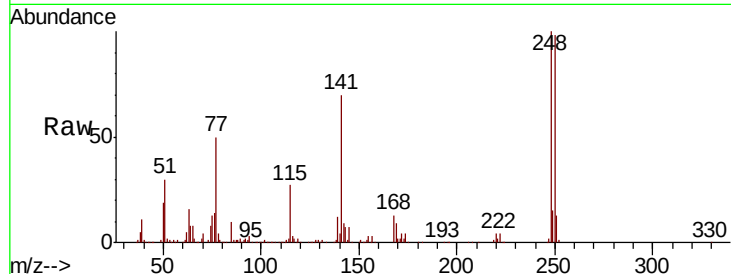




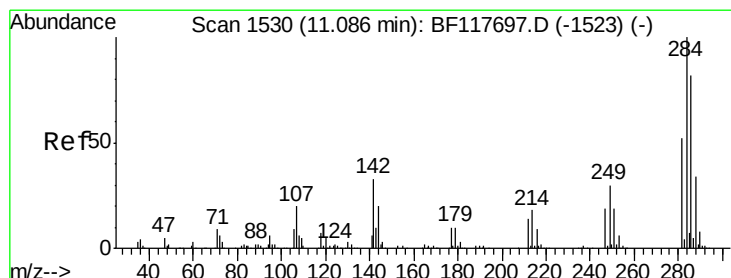
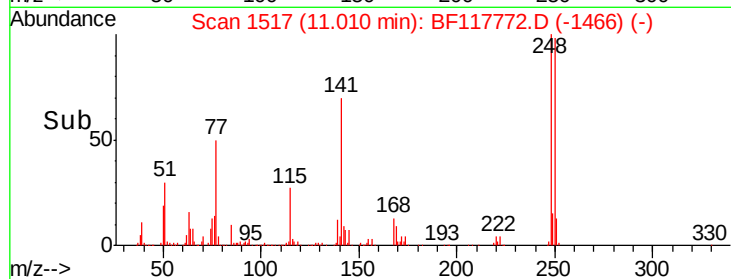
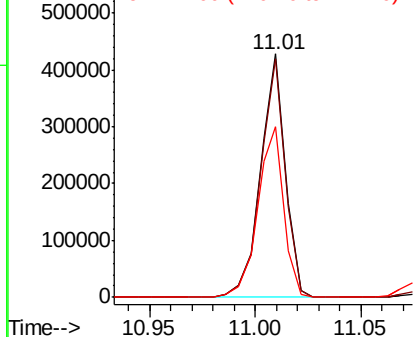
#67
4-Bromophenyl-phenylether
Concen: 42.865 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

Tot Ion:248 Resp: 348823
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 70.1 58.6 88.0

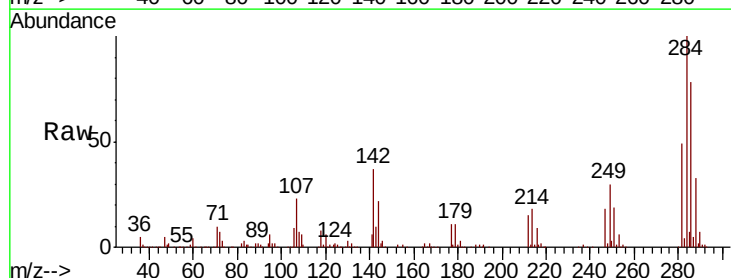


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

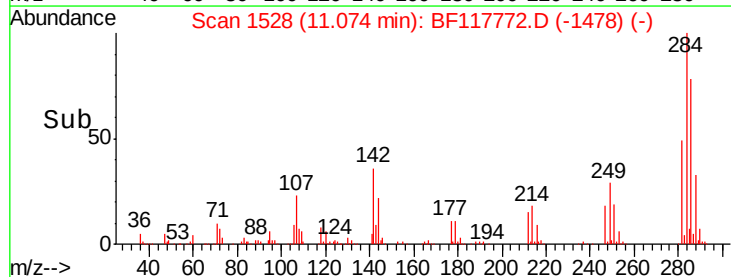
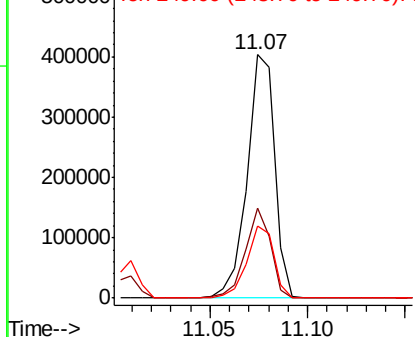


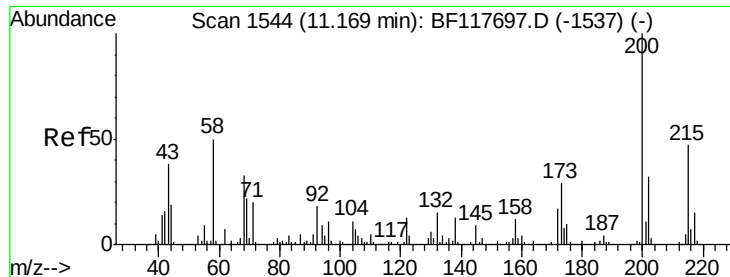
#68
Hexachlorobenzene
Concen: 41.903 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:284 Resp: 393917
Ion Ratio Lower Upper
284 100
142 36.7 22.8 34.2#
249 29.5 23.0 34.6



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

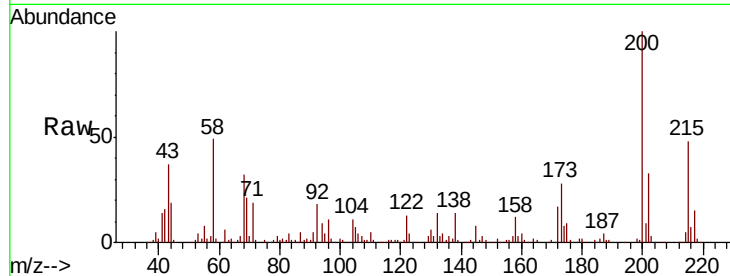




#69
 Atrazine
 Concen: 36.508 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.6	46.6
215	47.7	28.6	68.6

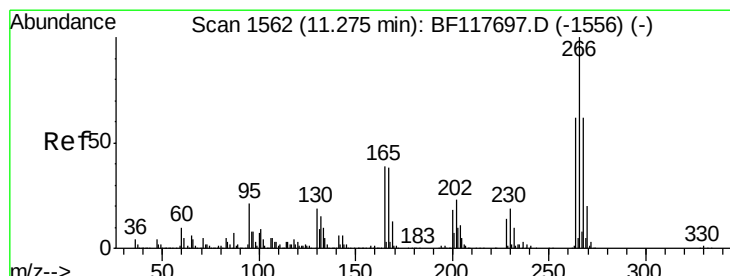
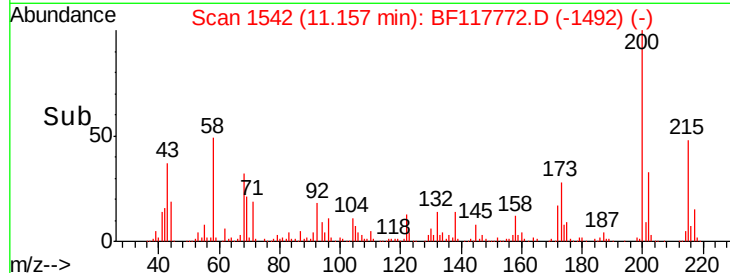
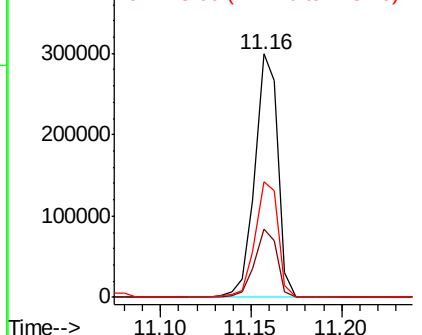


Abundance

Ion 200.00 (199.70 to 200.70): E

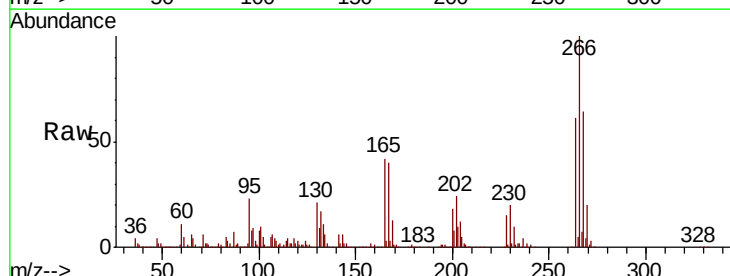
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 81.889 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.1	75.1
264	61.3	49.8	74.6

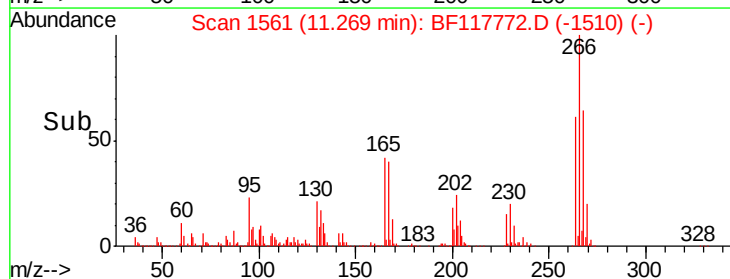
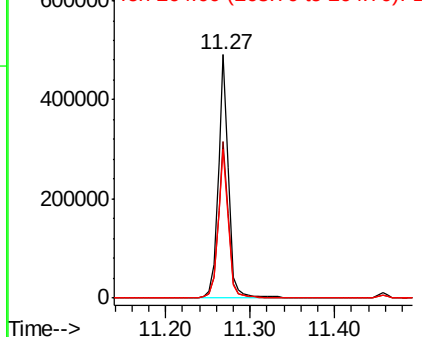


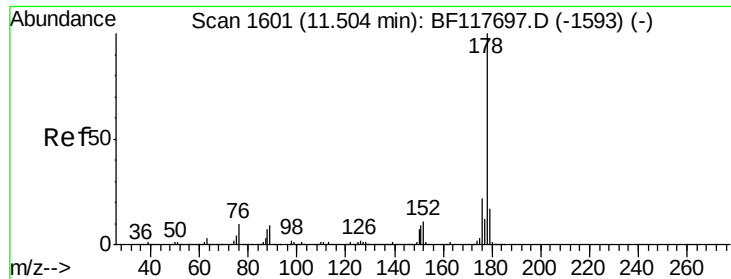
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.672 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

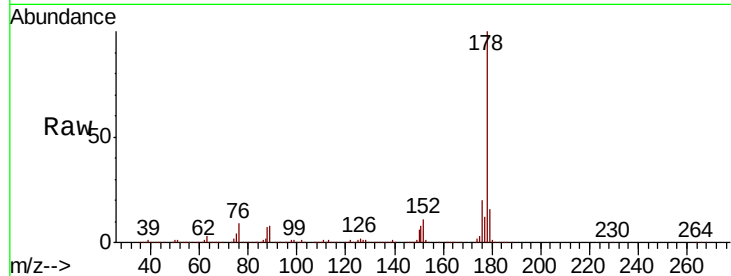
Tot Ion:178 Resp: 1595478

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

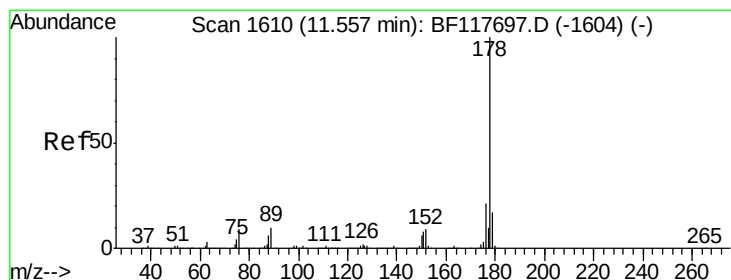
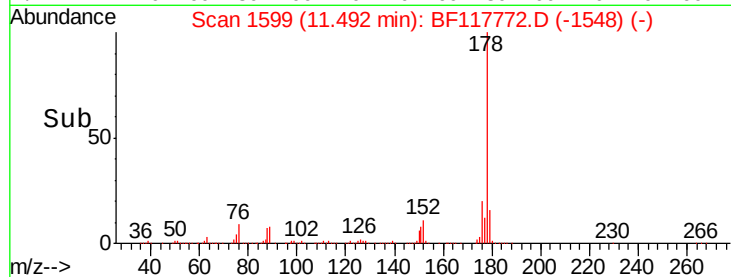
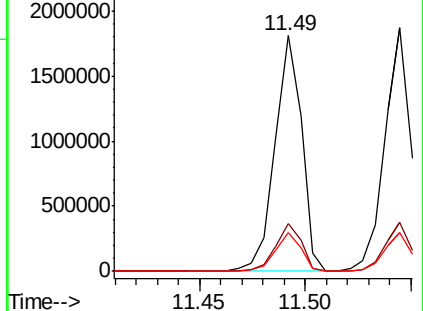
179 16.3 13.5 20.3



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: 45.120 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

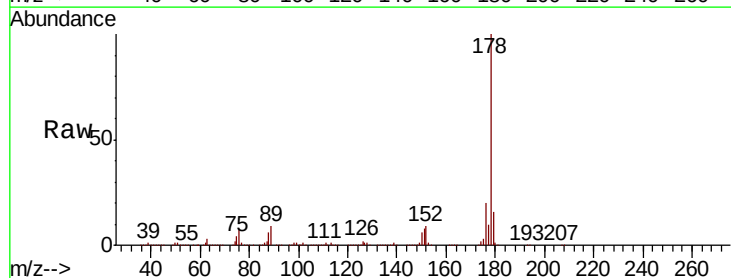
Tgt Ion:178 Resp: 1603258

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

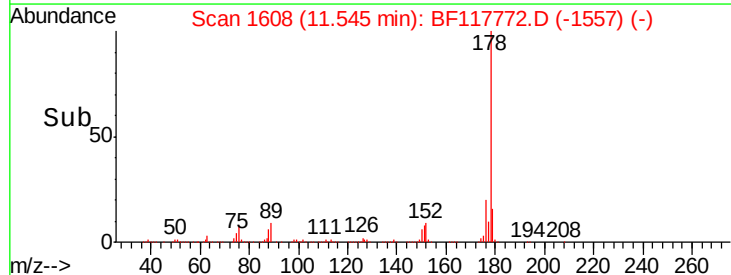
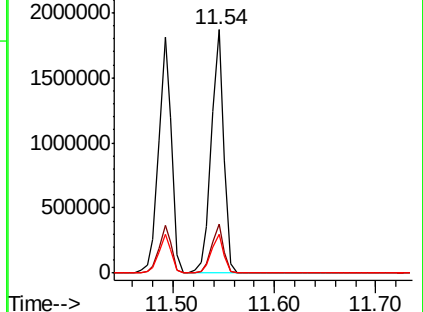
179 16.2 13.6 20.4

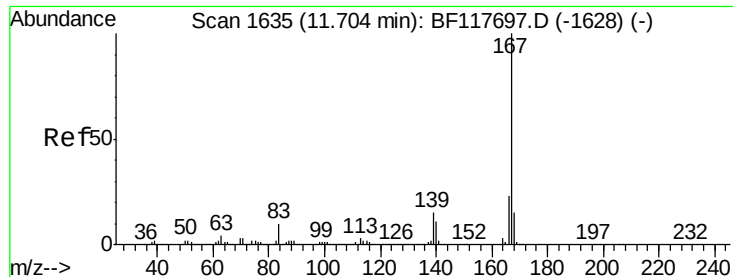


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



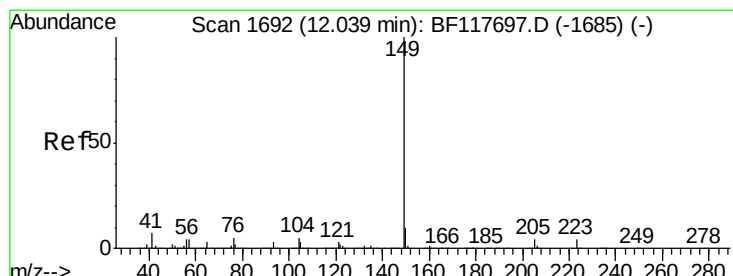
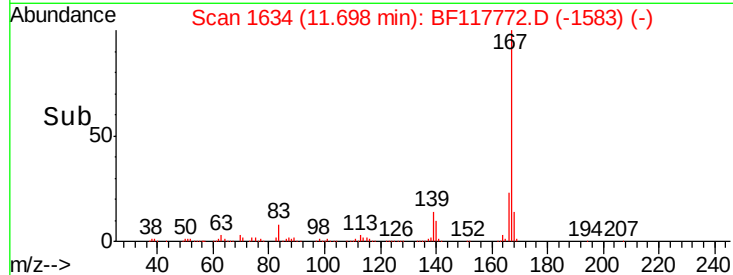
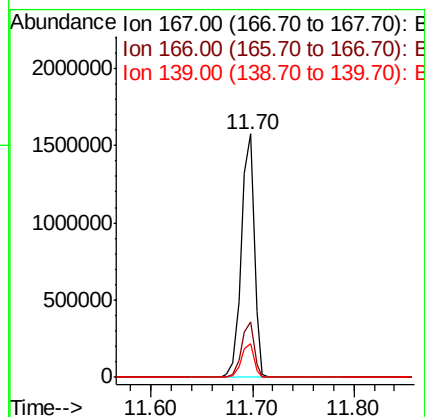
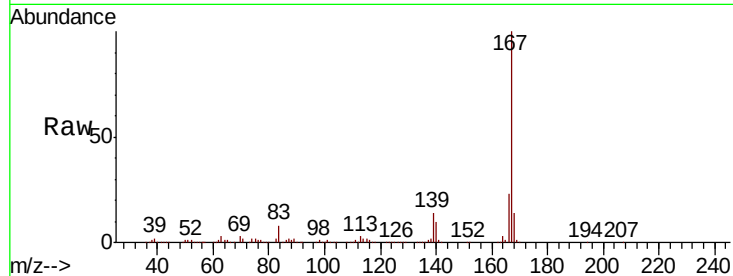


#73
 Carbazole
 Concen: 43.151 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMS

Tot Ion:167 Resp: 1401650

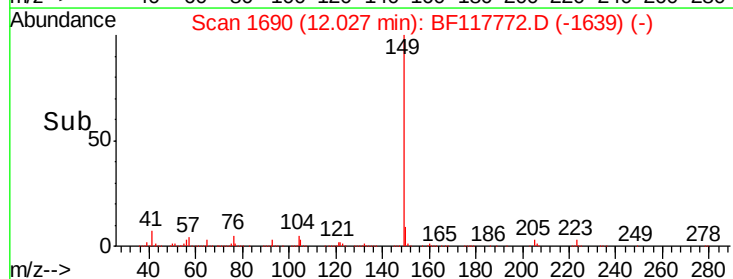
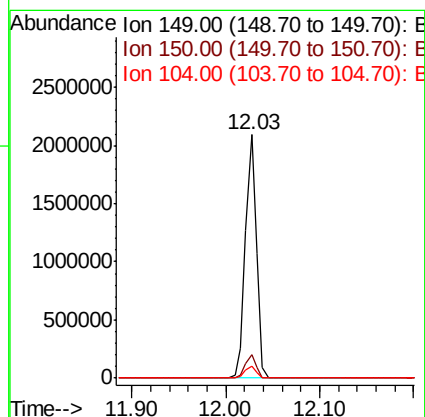
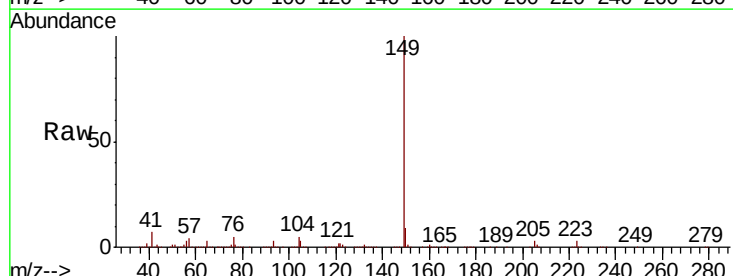
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	27.8
139	13.8	11.6	17.4

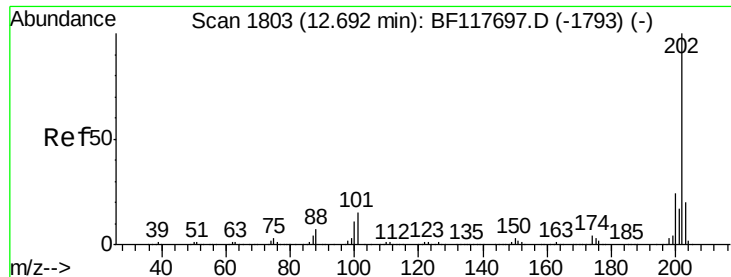


#74
 Di-n-butylphthalate
 Concen: 43.116 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117772.D
 Acq: 12 Nov 2019 20:58

Tgt Ion:149 Resp: 1702987

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.4
104	5.0	4.4	6.6





#75

Fluoranthene

Concen: 44.280 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

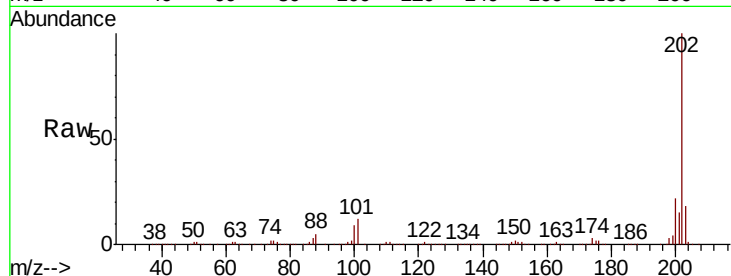
Tot Ion:202 Resp: 1614847

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.5

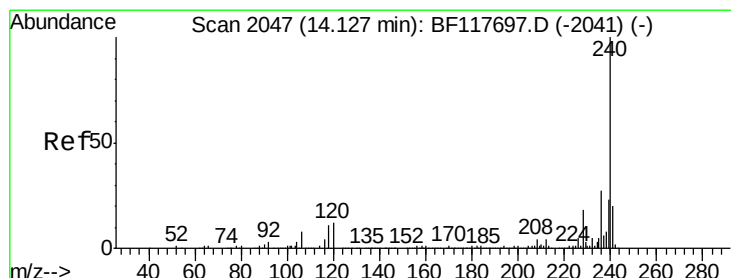
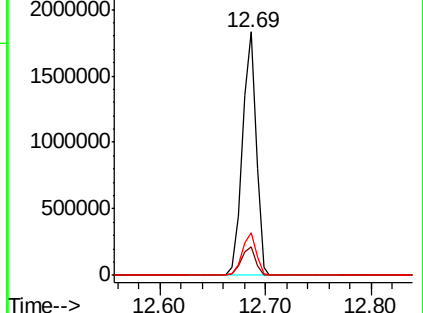
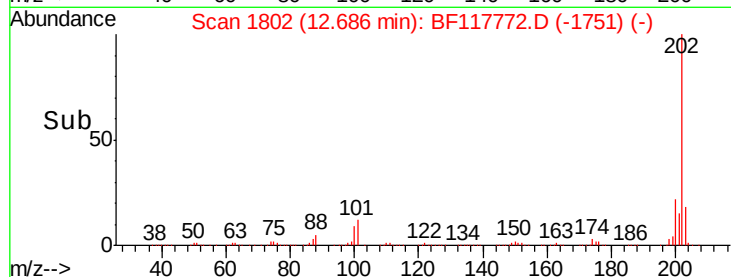
203 17.7 0.0 38.9



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# 2046

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

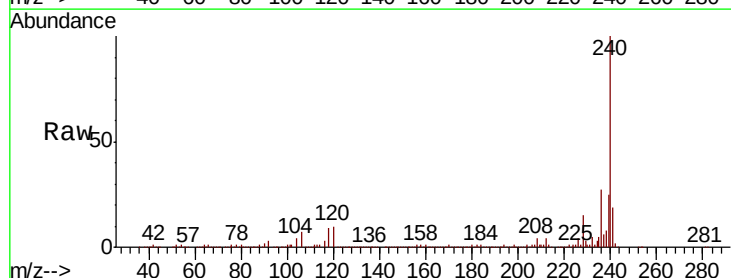
Tgt Ion:240 Resp: 619074

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

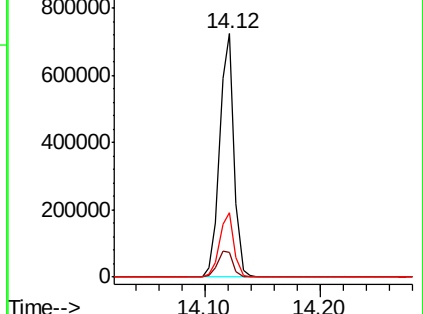
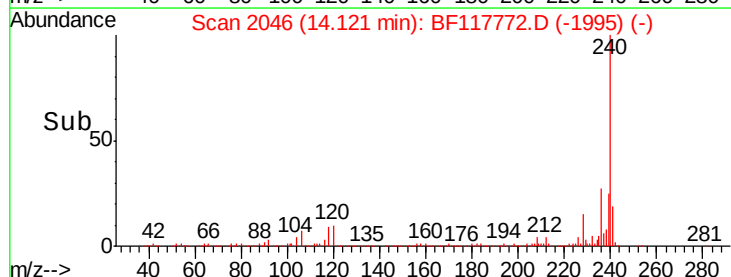
236 26.7 21.4 32.0

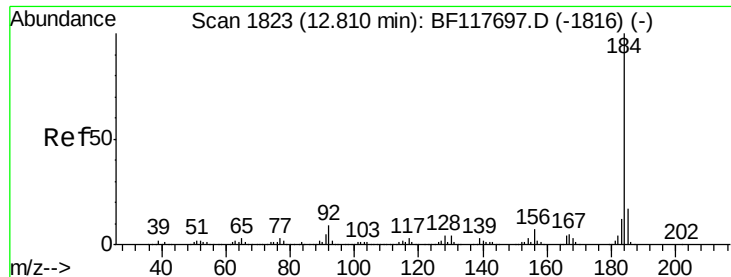


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.319 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

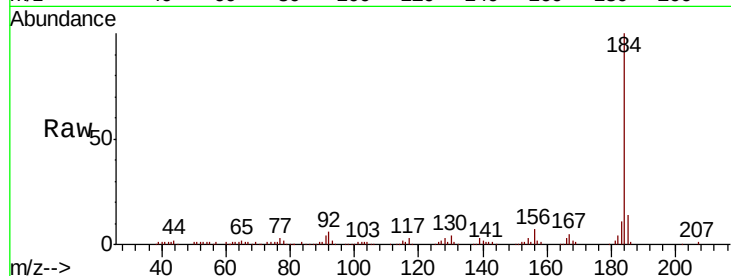
Tot Ion:184 Resp: 136009

Ion Ratio Lower Upper

184 100

185 13.9 12.4 18.6

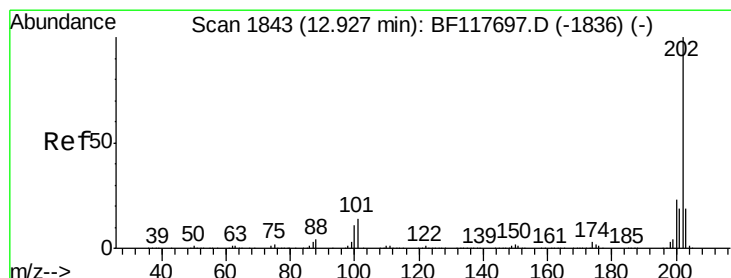
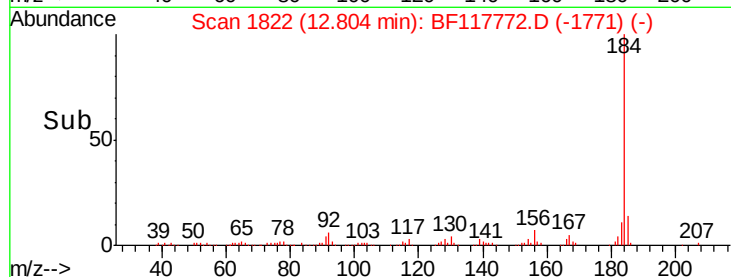
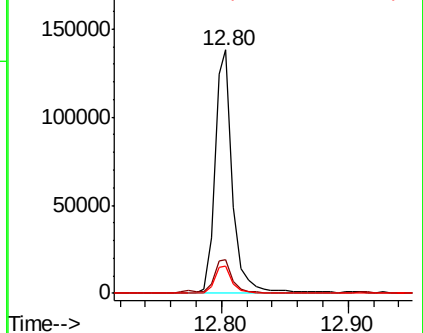
183 11.4 9.8 14.6



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: 36.621 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

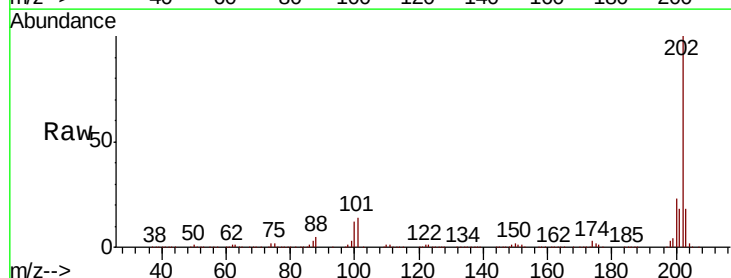
Tgt Ion:202 Resp: 1654974

Ion Ratio Lower Upper

202 100

200 22.7 18.9 28.3

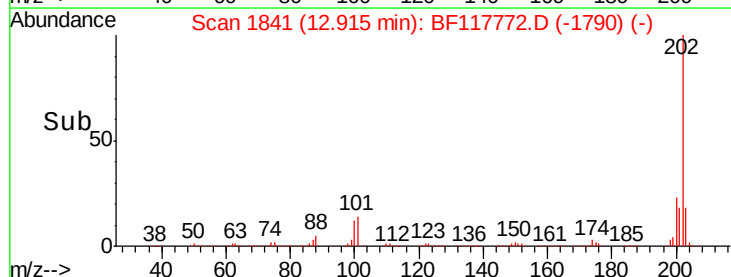
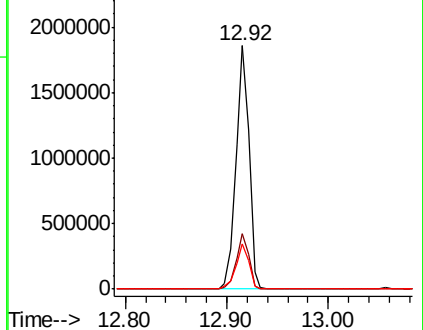
203 18.5 15.3 22.9

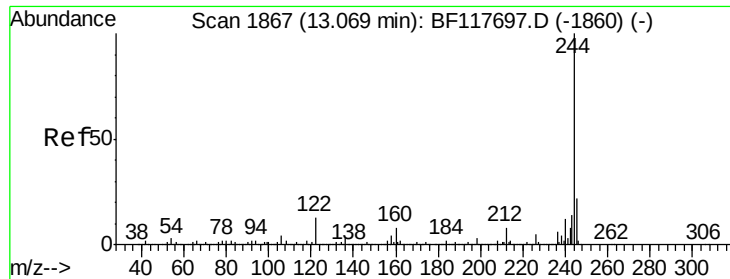


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.707 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

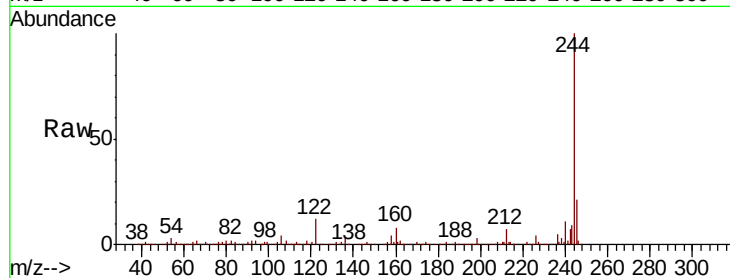
Tot Ion:244 Resp: 2246638

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 11.7 9.1 13.7

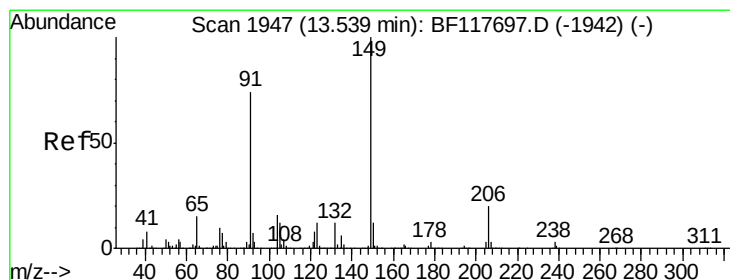
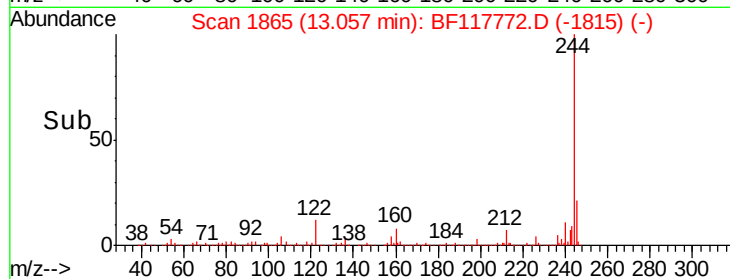
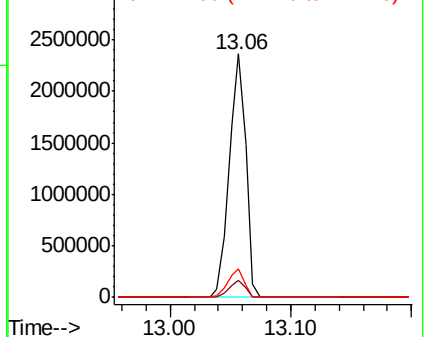


Abundance

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: 34.674 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

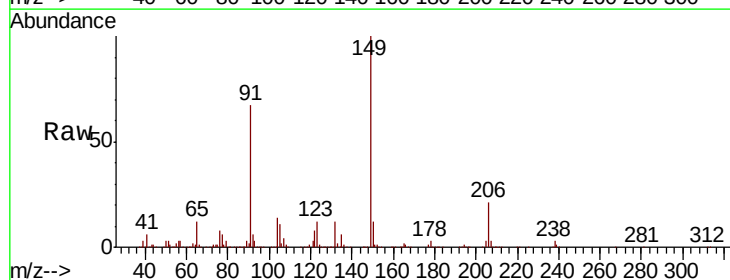
Tgt Ion:149 Resp: 723793

Ion Ratio Lower Upper

149 100

91 67.0 55.7 83.5

206 21.1 16.1 24.1

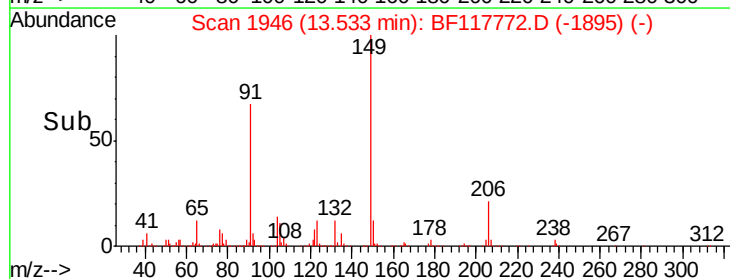
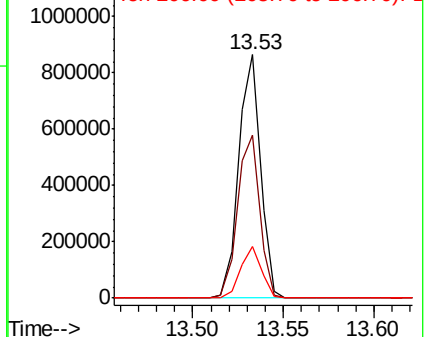


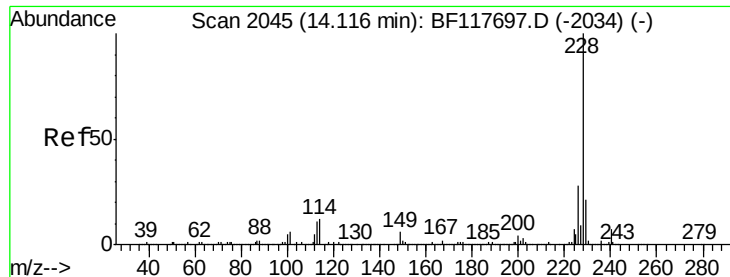
Abundance

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: 42.892 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

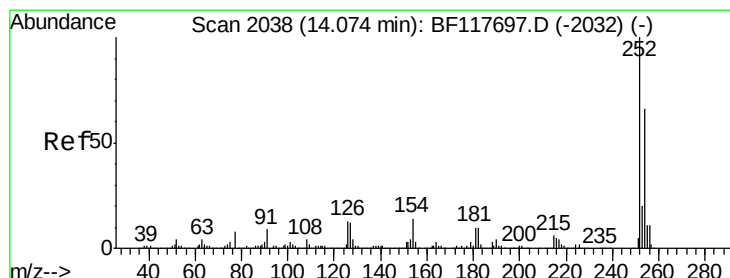
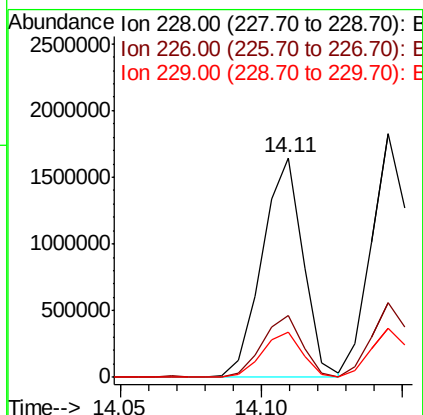
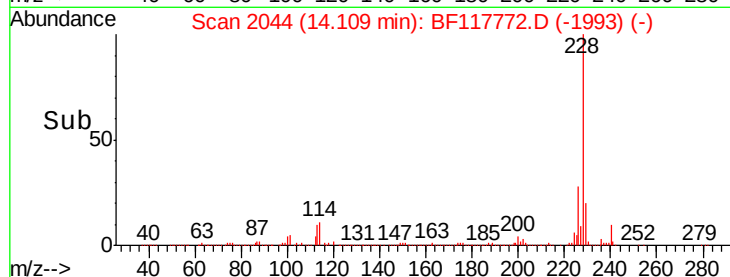
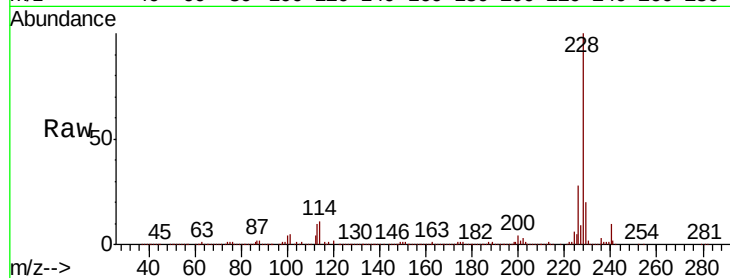
BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:228 Resp: 1652833

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 30.259 ng

RT: 14.07 min Scan# 2037

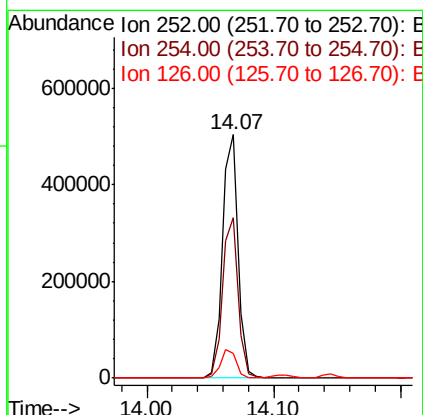
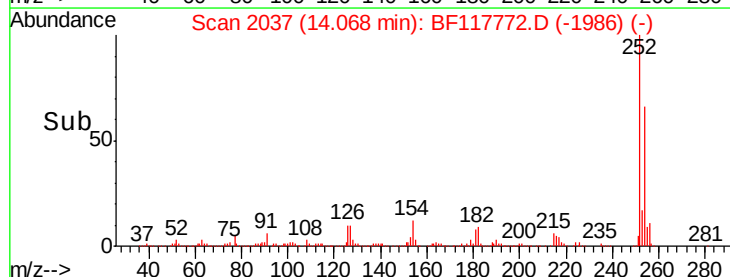
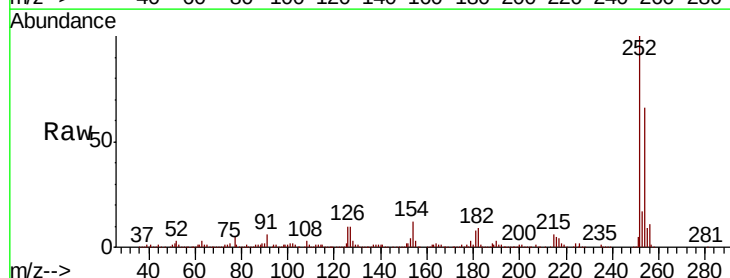
Delta R.T. -0.00 min

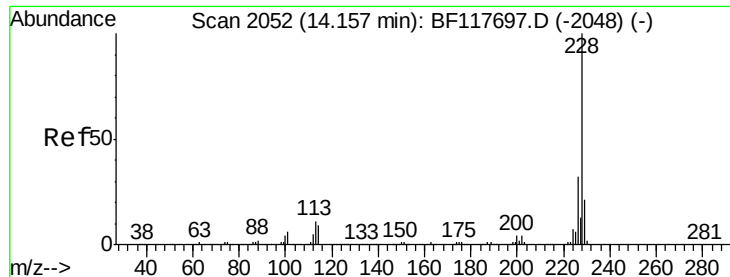
Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:252 Resp: 435493

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.0	76.4
126	9.9	9.4	14.2





#83

Chrysene

Concen: 41.961 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

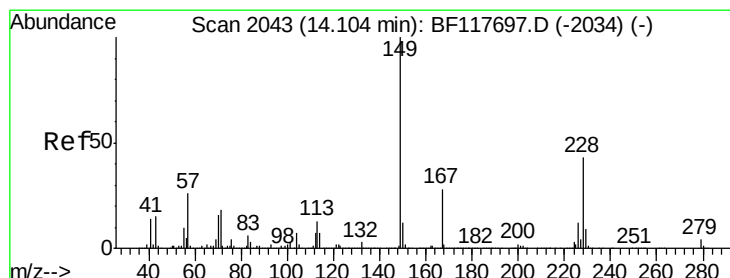
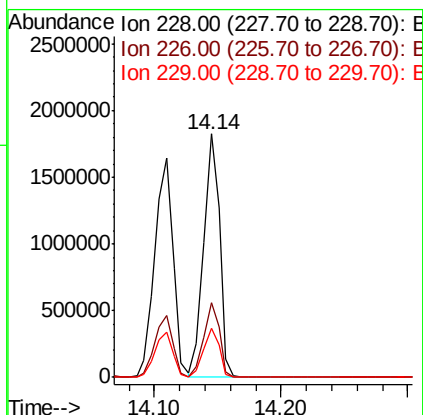
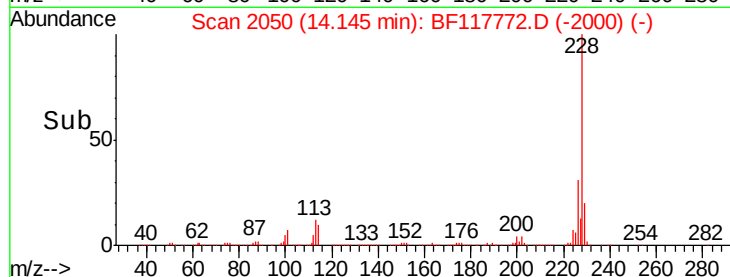
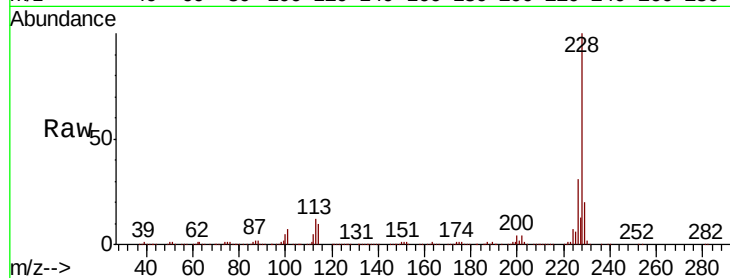
Tot Ion:228 Resp: 1596819

Ion Ratio Lower Upper

228 100

226 30.6 25.1 37.7

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.288 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

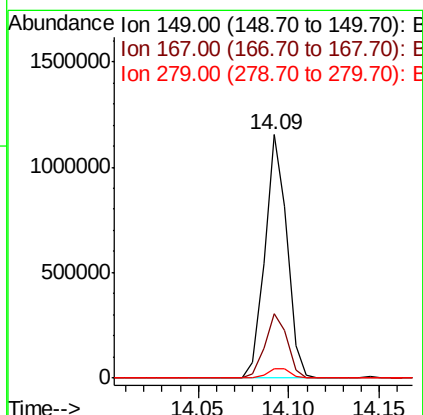
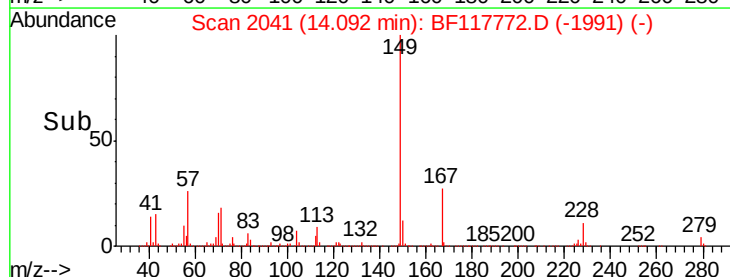
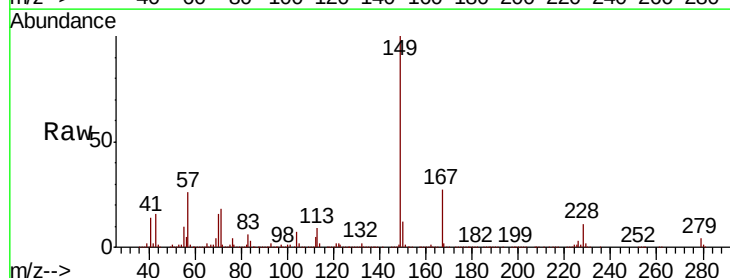
Tgt Ion:149 Resp: 977118

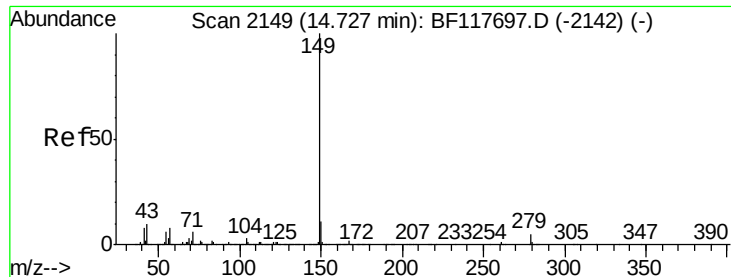
Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

279 3.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 43.040 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

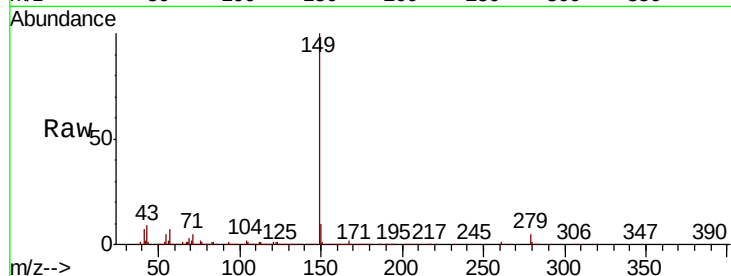
BNA_F

ClientSampleId :

TP-1A-COMPMS

Tot Ion:149 Resp: 1823667

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.8	11.6

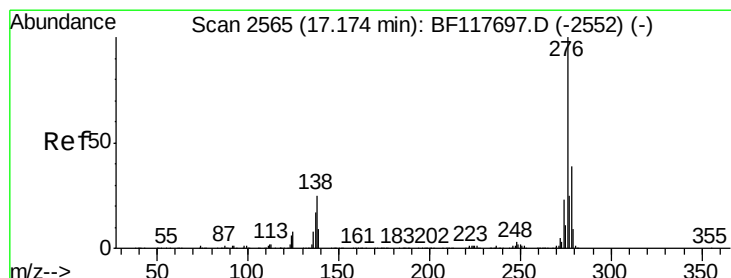
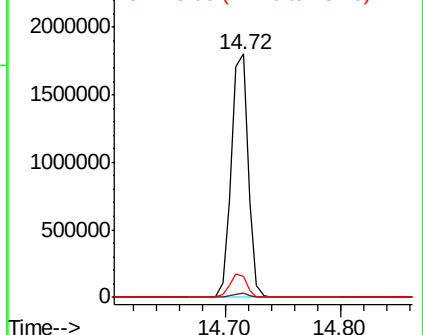
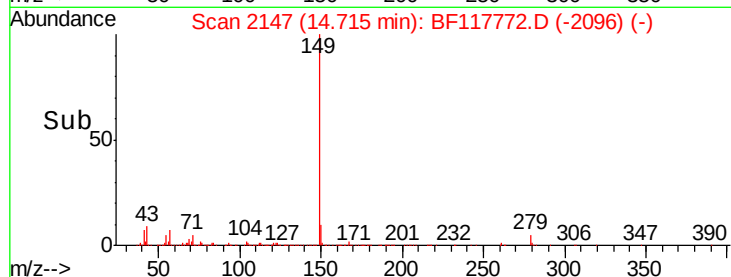


Abundance

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: 42.592 ng

RT: 17.17 min Scan# 2564

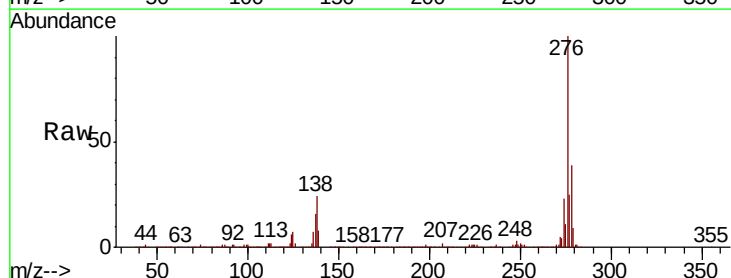
Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Tgt Ion:276 Resp: 1508583

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.2	31.8
277	26.0	20.1	30.1

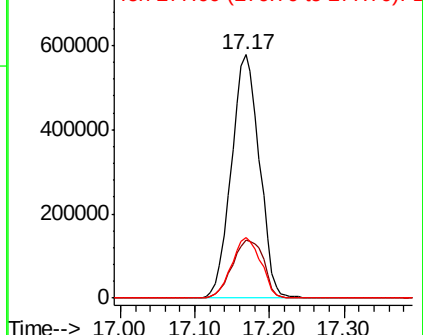
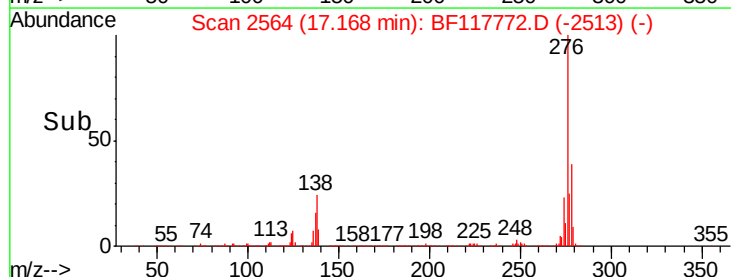


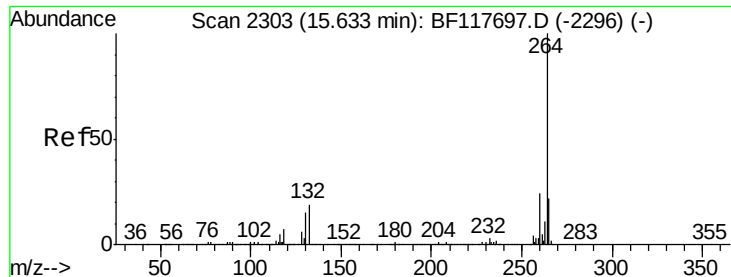
Abundance

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: 15.63 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

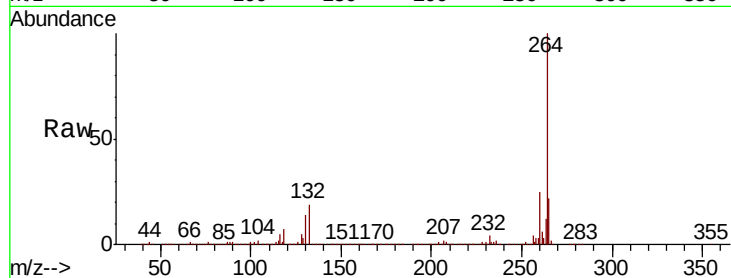
Tot Ion:264 Resp: 717832

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

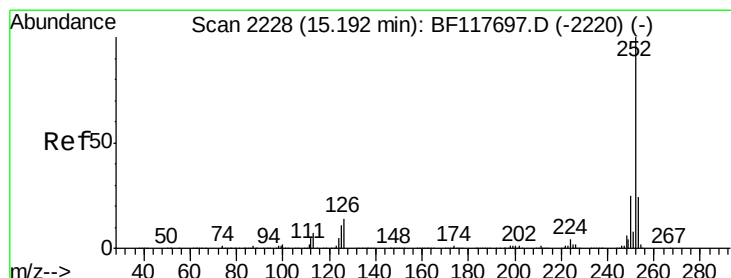
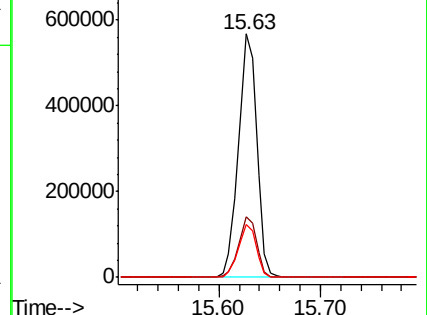
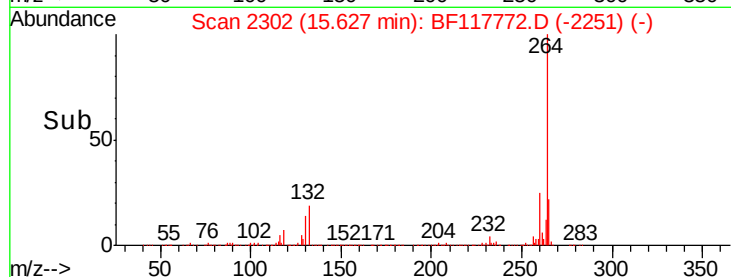
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.906 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

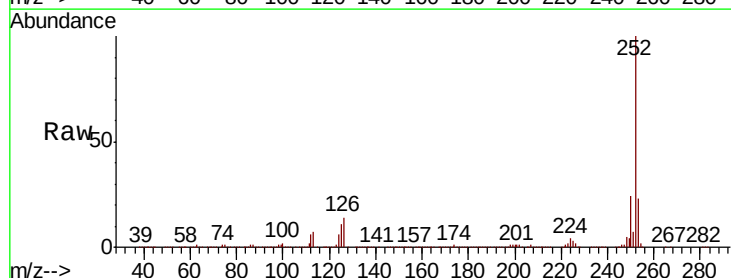
Tgt Ion:252 Resp: 1849373

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

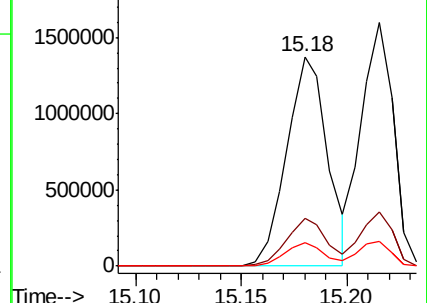
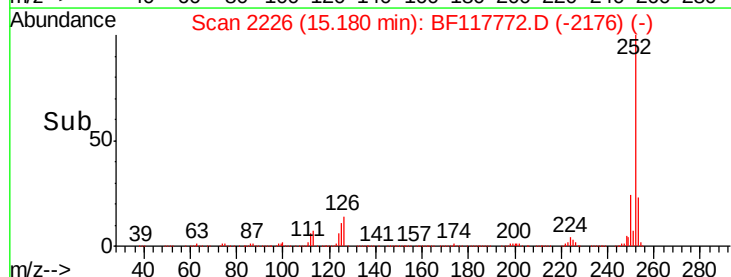
125 10.9 8.4 12.6

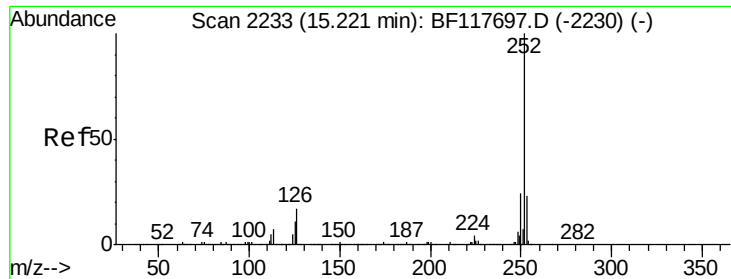


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

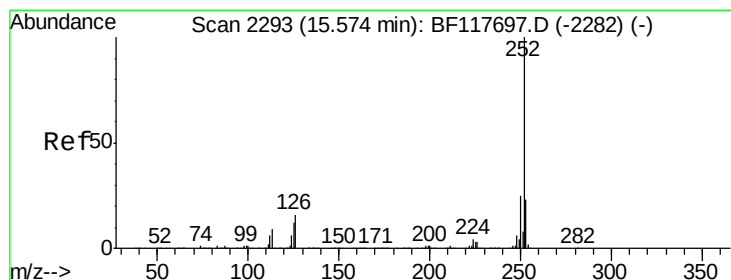
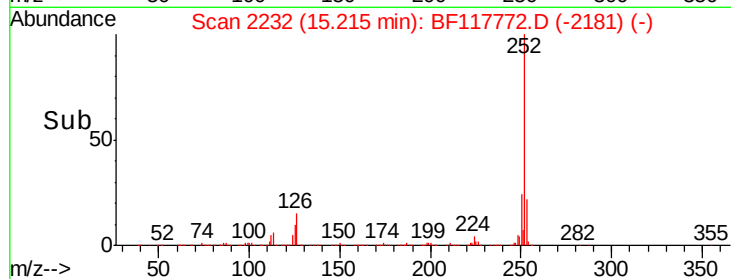
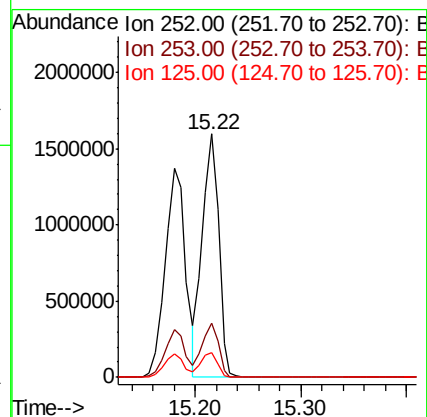
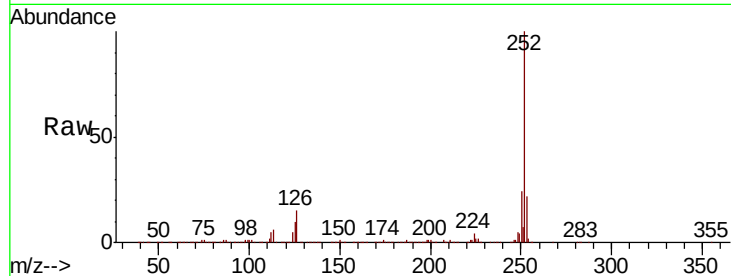




#89
Benzo(k)fluoranthene
Concen: 42.465 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

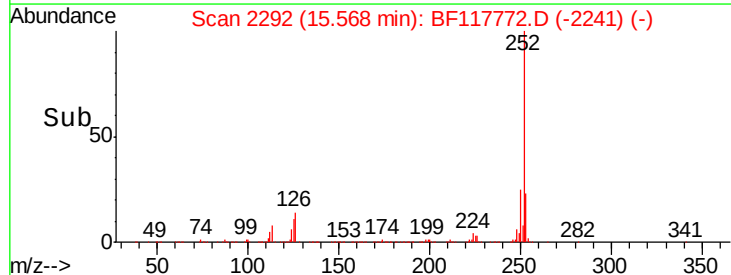
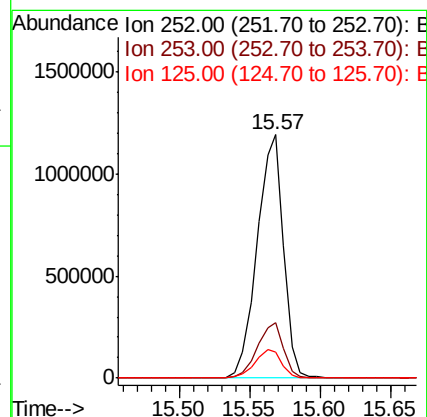
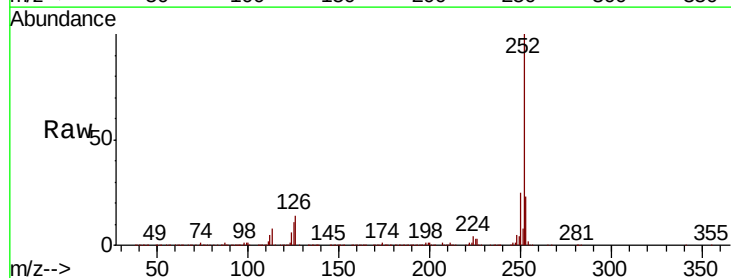
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMS

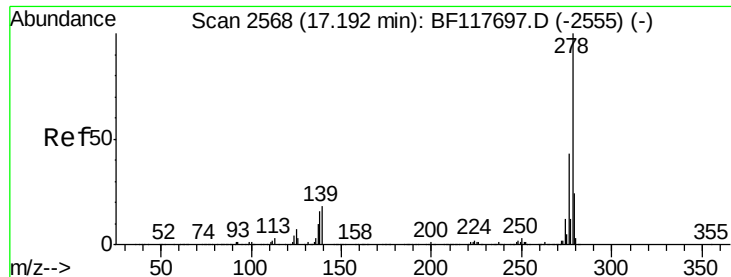
Tot Ion:252 Resp: 1712301
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.975 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF117772.D
Acq: 12 Nov 2019 20:58

Tgt Ion:252 Resp: 1566700
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.8 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 36.663 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMS

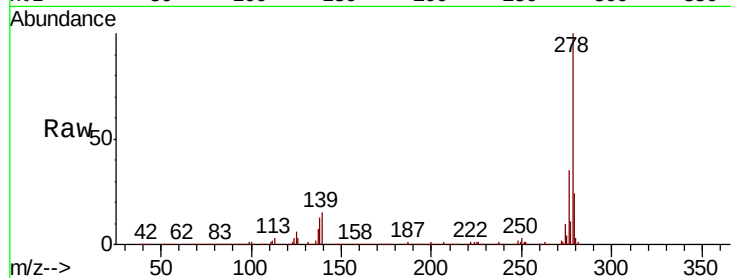
Tot Ion:278 Resp: 1288689

Ion Ratio Lower Upper

278 100

139 15.2 13.8 20.6

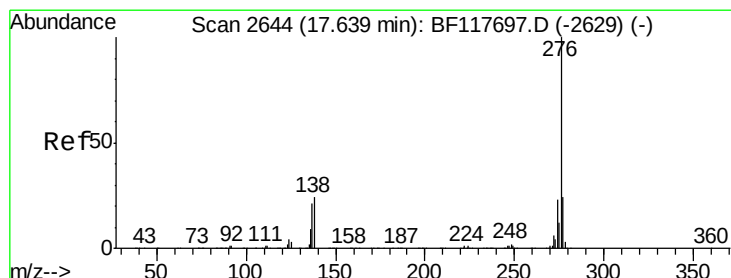
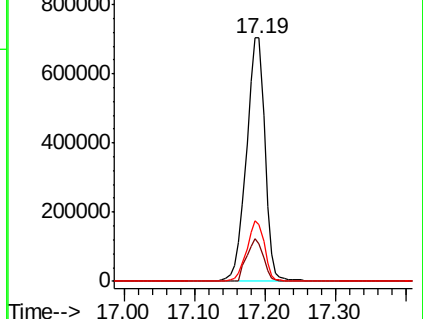
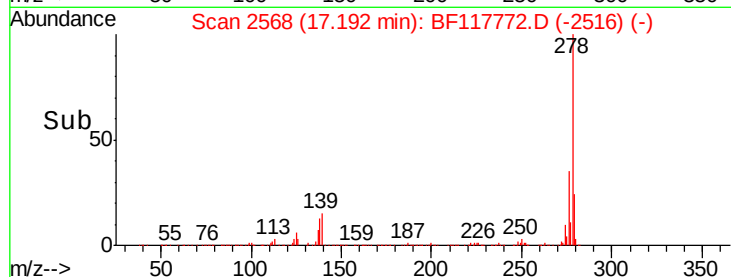
279 23.5 19.6 29.4



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: 34.837 ng

RT: 17.63 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BF117772.D

Acq: 12 Nov 2019 20:58

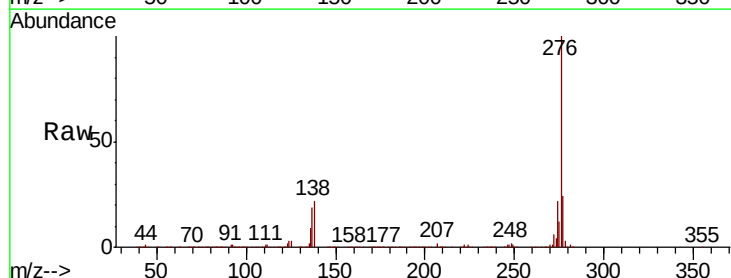
Tgt Ion:276 Resp: 1186706

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 22.1 18.6 27.8



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

