

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115387.D
 Acq On : 5 Jul 2019 10:15
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 11:49:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157957	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	663391	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	328596	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	626742	20.00	ng	0.00
76) Chrysene-d12	14.06	240	452862	20.00	ng	-0.01
87) Perylene-d12	15.54	264	443342	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1015973	99.26	ng	0.00
7) Phenol-d6	6.52	99	1296218	104.33	ng	0.00
23) Nitrobenzene-d5	7.46	82	1148567	106.51	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	365211	105.40	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1957780	101.20	ng	0.00
79) Terphenyl-d14	13.00	244	2141268	100.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	252549	52.279	ng	100
3) Pyridine	3.46	79	692005	50.824	ng	98
4) n-Nitrosodimethylamine	3.41	42	281268	52.695	ng	99
6) Aniline	6.56	93	918156	53.772	ng	99
8) 2-Chlorophenol	6.69	128	585160	50.841	ng	94
9) Benzaldehyde	6.45	77	373350	46.062	ng	100
10) Phenol	6.54	94	787561	54.117	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	575885	53.683	ng	98
12) 1,3-Dichlorobenzene	6.84	146	636452	49.825	ng	99
13) 1,4-Dichlorobenzene	6.92	146	632937	49.413	ng	99
14) 1,2-Dichlorobenzene	7.07	146	591895	49.898	ng	100
15) Benzyl Alcohol	7.03	79	528415	58.410	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	810623	52.100	ng	100
17) 2-Methylphenol	7.14	107	493730	51.970	ng	100
18) Hexachloroethane	7.42	117	239909	51.952	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	435065	54.698	ng	98
20) 3+4-Methylphenols	7.30	107	586820	53.494	ng	97
22) Acetophenone	7.31	105	789201	51.965	ng	# 95
24) Nitrobenzene	7.48	77	647332	54.486	ng	95
25) Isophorone	7.72	82	1196769	54.173	ng	100
26) 2-Nitrophenol	7.79	139	279493	47.637	ng	99
27) 2,4-Dimethylphenol	7.83	122	495442	51.575	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	746958	53.496	ng	100
29) 2,4-Dichlorophenol	8.03	162	497713	50.205	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	558072	50.964	ng	99
31) Naphthalene	8.20	128	1625836	49.927	ng	99
32) Benzoic acid	7.96	122	367139	53.541	ng	94
33) 4-Chloroaniline	8.25	127	729305	49.004	ng	99
34) Hexachlorobutadiene	8.33	225	315442	52.566	ng	100
35) Caprolactam	8.63	113	157878	47.368	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	519280	51.722	ng	100
37) 2-Methylnaphthalene	8.89	142	1092092	49.739	ng	100
38) 1-Methylnaphthalene	8.99	142	1043445	49.759	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	480209	51.716	ng	100

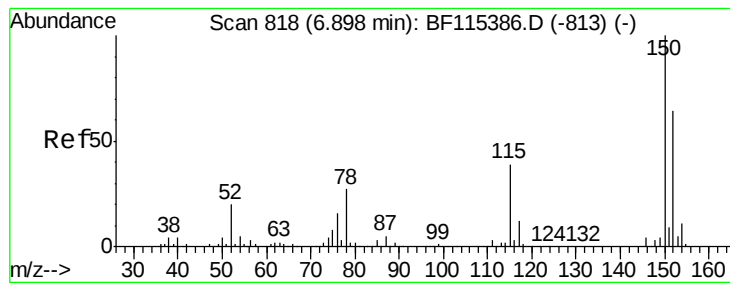
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	285349	51.825	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	353221	49.272	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	360980	48.897	nq	98
46) 1,1'-Biphenyl	9.36	154	1299586	49.428	nq	100
47) 2-Chloronaphthalene	9.38	162	1080176	50.648	nq	100
48) 2-Nitroaniline	9.47	65	328838	52.887	nq	98
49) Acenaphthylene	9.80	152	1606971	48.361	nq	100
50) Dimethylphthalate	9.66	163	1229695	50.865	nq	100
51) 2,6-Dinitrotoluene	9.72	165	273863	49.067	nq	87
52) Acenaphthene	9.97	154	1019006	49.008	nq	99
53) 3-Nitroaniline	9.88	138	317621	46.633	nq	98
54) 2,4-Dinitrophenol	9.98	184	98644	40.065	nq	89
55) Dibenzofuran	10.14	168	1435682	48.108	nq	99
56) 4-Nitrophenol	10.03	139	246555	45.153	nq	97
57) 2,4-Dinitrotoluene	10.12	165	350912	48.692	nq	96
58) Fluorene	10.49	166	1050447	47.292	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	312013	50.403	nq	99
60) Diethylphthalate	10.36	149	1212180	49.881	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	529444	49.984	nq	98
62) 4-Nitroaniline	10.50	138	306916	44.918	nq	98
63) Azobenzene	10.63	77	1239982	54.629	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	145726	46.689	nq	94
66) n-Nitrosodiphenylamine	10.59	169	993231	50.867	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	354543	52.176	nq	99
68) Hexachlorobenzene	11.03	284	394007	53.419	nq	98
69) Atrazine	11.12	200	310736	49.471	nq	99
70) Pentachlorophenol	11.22	266	248591	52.904	nq	99
71) Phenanthrene	11.45	178	1626069	48.187	nq	100
72) Anthracene	11.50	178	1638894	48.114	nq	99
73) Carbazole	11.65	167	1488143	48.925	nq	100
74) Di-n-butylphthalate	11.98	149	1817203	51.701	nq	100
75) Fluoranthene	12.63	202	1716825	50.992	nq	100
77) Benzidine	12.75	184	771098	38.346	nq	98
78) Pyrene	12.86	202	1742318	50.063	nq	99
80) Butylbenzylphthalate	13.47	149	775507	50.493	nq	98
81) Benzo(a)anthracene	14.05	228	1415225	43.553	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	532180	45.353	nq	98
83) Chrysene	14.09	228	1469333	49.364	nq	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	942511	46.833	nq	100
85) Di-n-octyl phthalate	14.67	149	1735676	51.331	nq	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	1294844	36.763	nq	# 100
88) Benzo(b)fluoranthene	15.11	252	1449925	52.413	nq	100
89) Benzo(k)fluoranthene	15.14	252	1279698	51.584	nq	99
90) Benzo(a)pyrene	15.48	252	1248791	50.085	nq	100
91) Dibenzo(a,h)anthracene	17.04	278	1069565	45.950	nq	100
92) Benzo(g,h,i)perylene	17.47	276	1014513	43.063	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

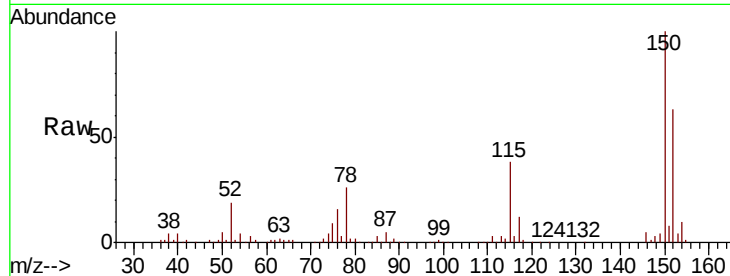
Tot Ion:152 Resp: 157957

Ion Ratio Lower Upper

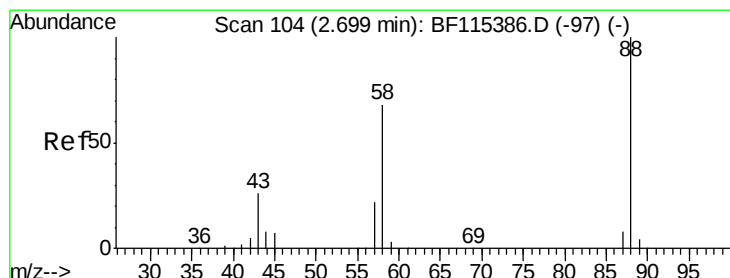
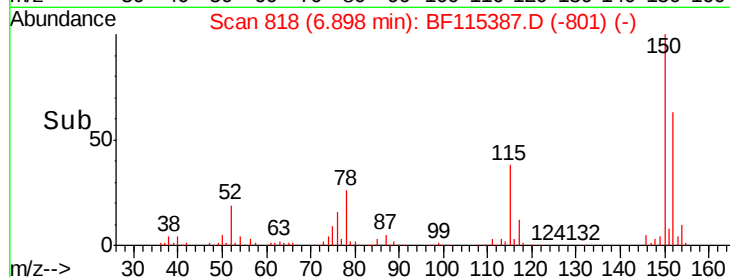
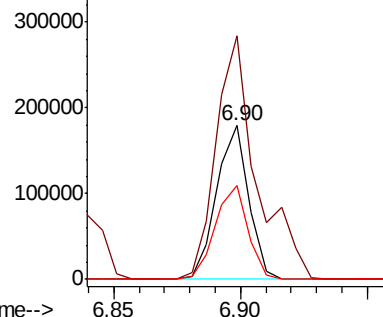
152 100

150 158.3 124.7 187.1

115 60.6 48.1 72.1



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: 52.279 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

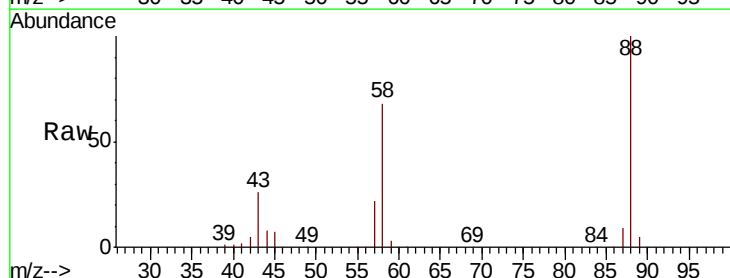
Tgt Ion: 88 Resp: 252549

Ion Ratio Lower Upper

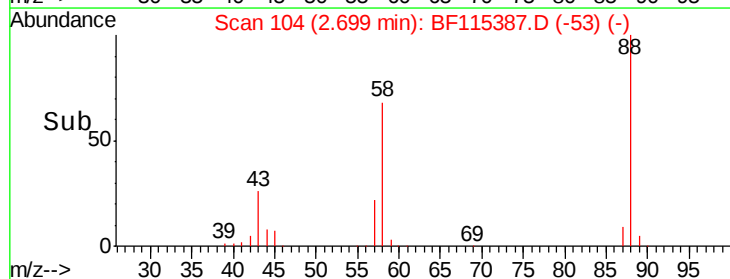
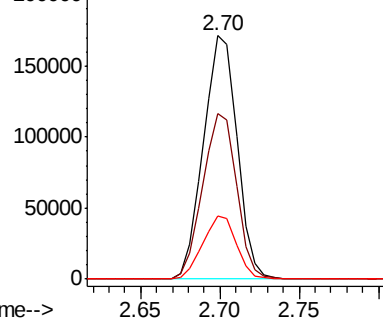
88 100

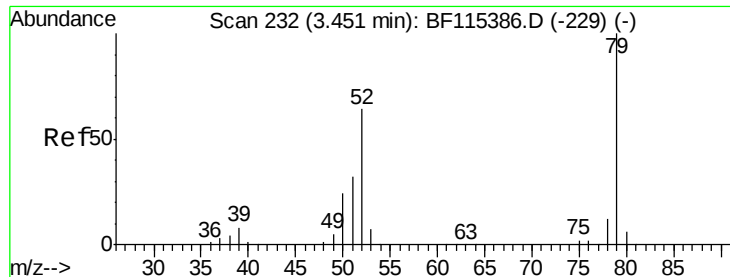
58 68.4 54.6 82.0

43 26.0 21.4 32.0



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





#3

Pvridine

Concen: 50.824 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampled :

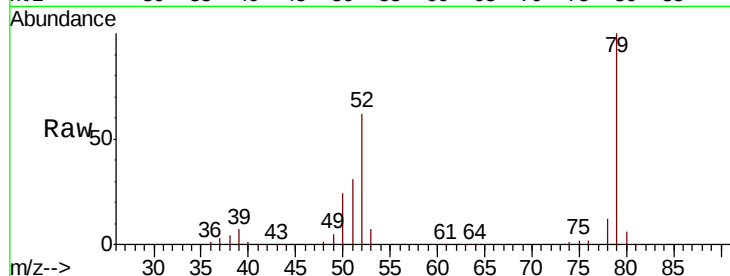
Tot Ion: 79 Resp: 692005

Ion Ratio Lower Upper

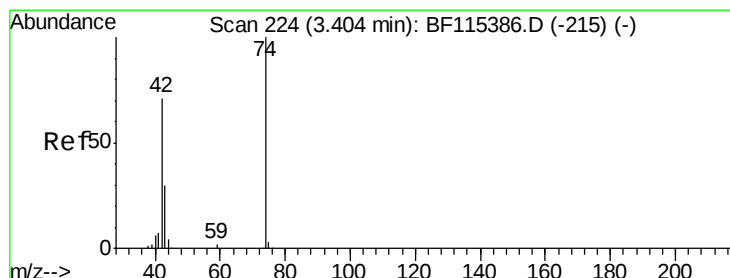
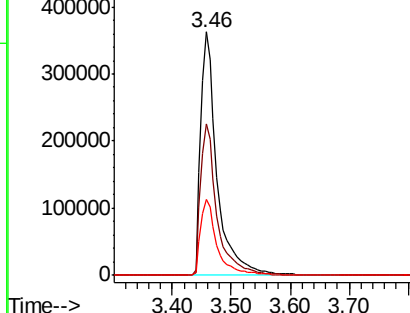
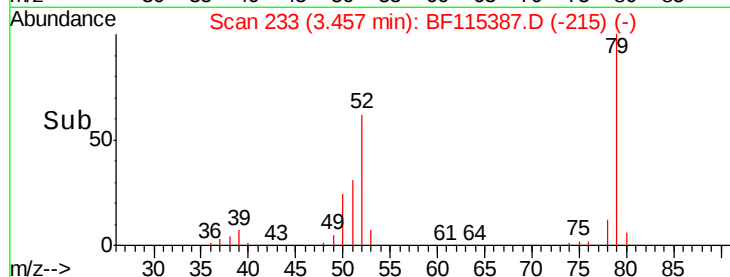
79 100

52 62.1 50.9 76.3

51 31.2 25.8 38.6



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: 52.695 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

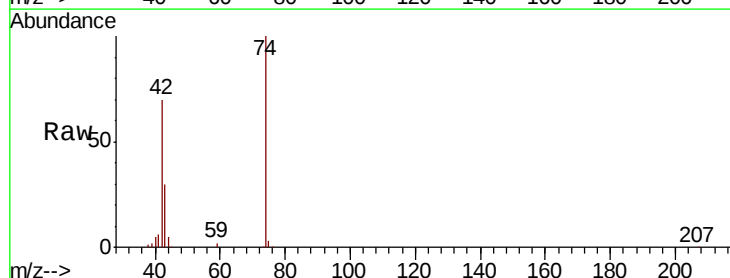
Tgt Ion: 42 Resp: 281268

Ion Ratio Lower Upper

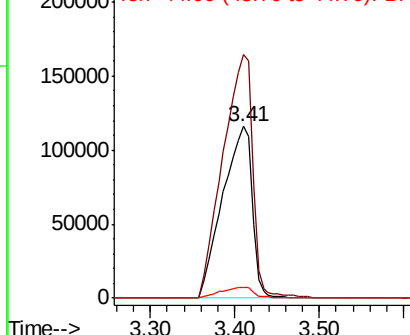
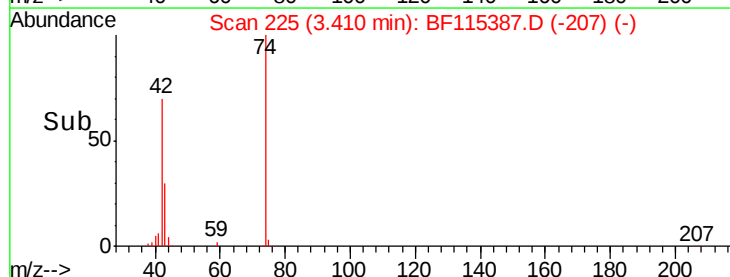
42 100

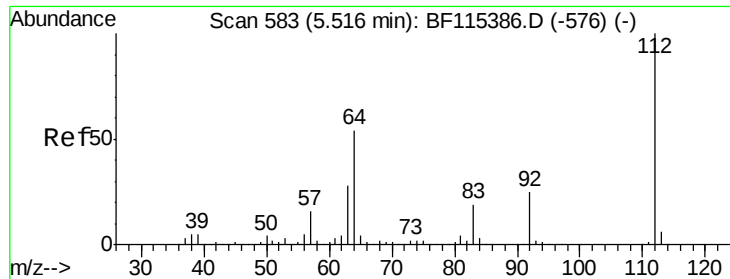
74 142.1 112.8 169.2

44 6.5 5.4 8.0



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: 99.256 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

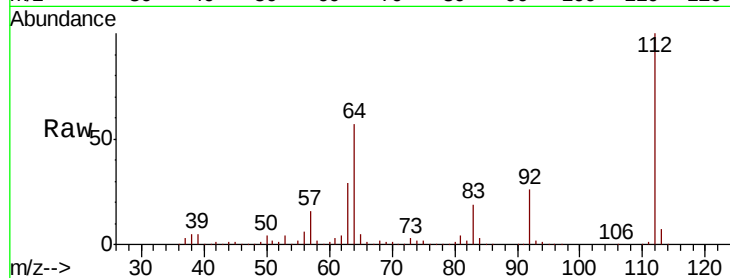
Tot Ion:112 Resp: 1015973

Ion Ratio Lower Upper

112 100

64 56.8 43.0 64.6

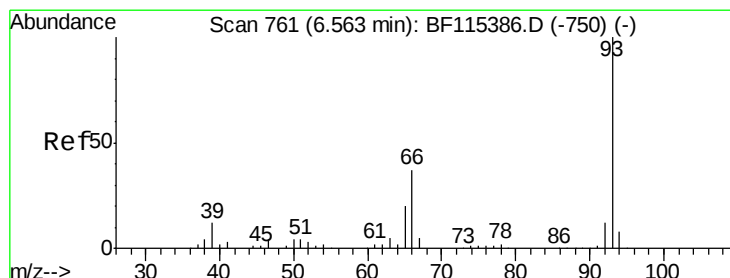
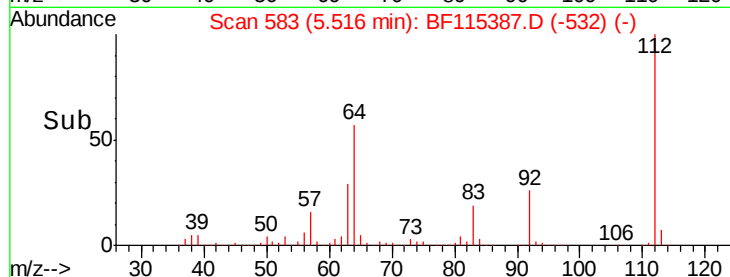
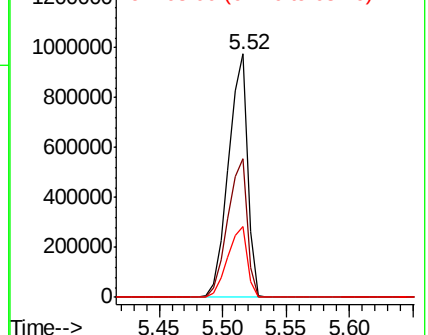
63 28.9 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 53.772 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

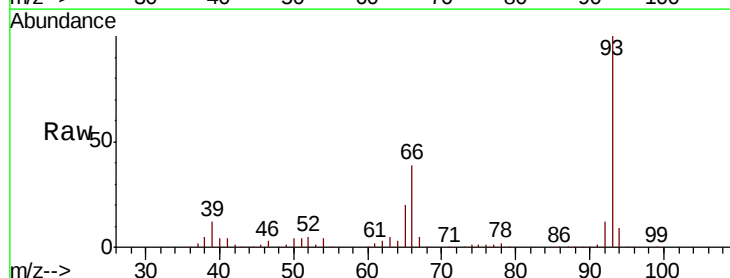
Tgt Ion: 93 Resp: 918156

Ion Ratio Lower Upper

93 100

66 39.4 30.8 46.2

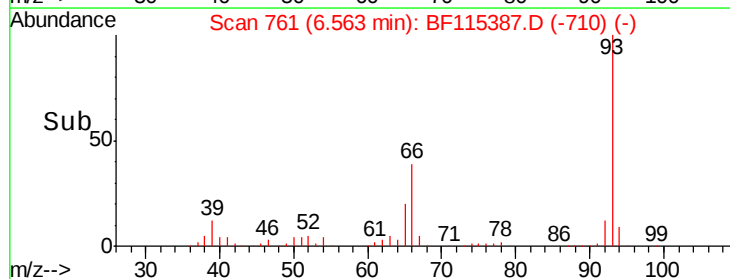
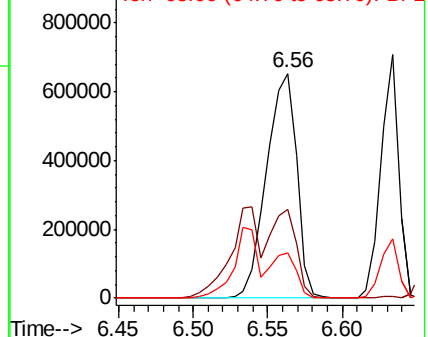
65 20.0 16.0 24.0

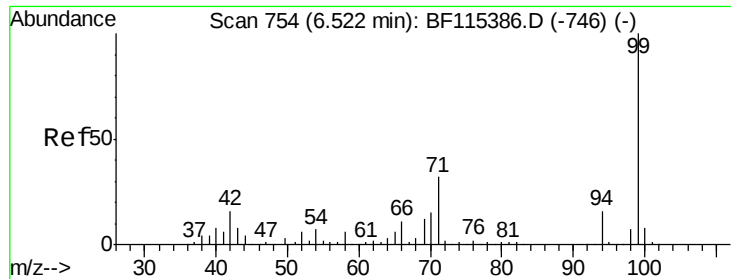


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.333 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

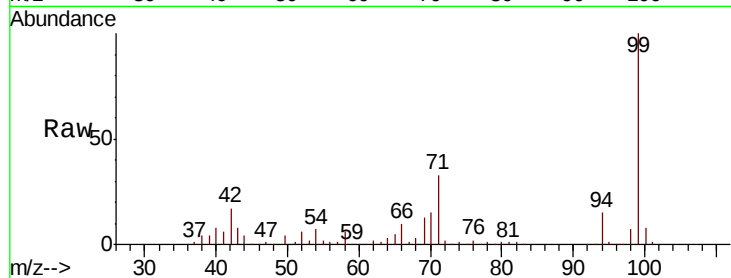
Tot Ion: 99 Resp: 1296218

Ion Ratio Lower Upper

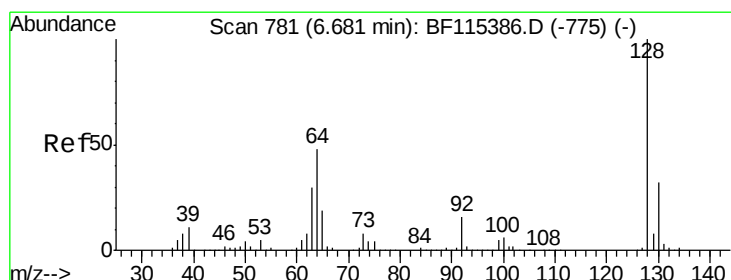
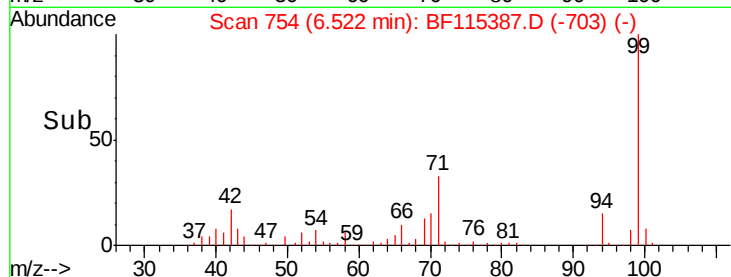
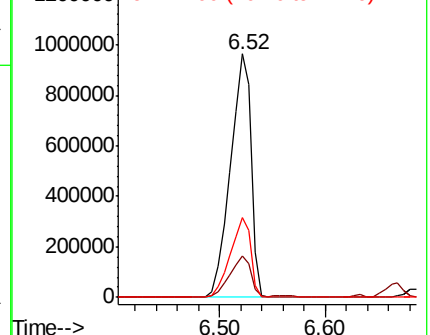
99 100

42 16.8 13.1 19.7

71 32.6 25.9 38.9



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: 50.841 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

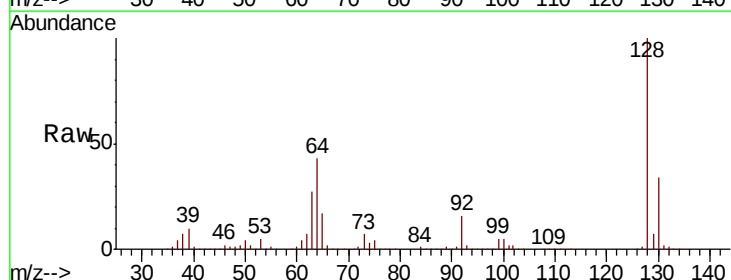
Tgt Ion: 128 Resp: 585160

Ion Ratio Lower Upper

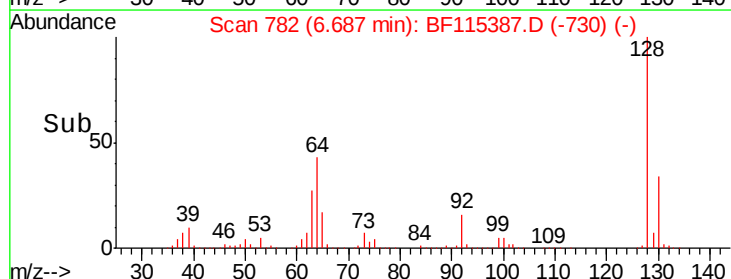
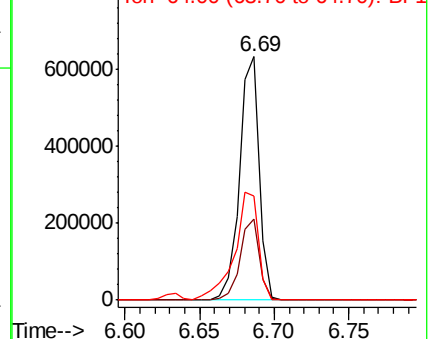
128 100

130 33.5 12.4 52.4

64 42.9 28.8 68.8



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: 46.062 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampled :

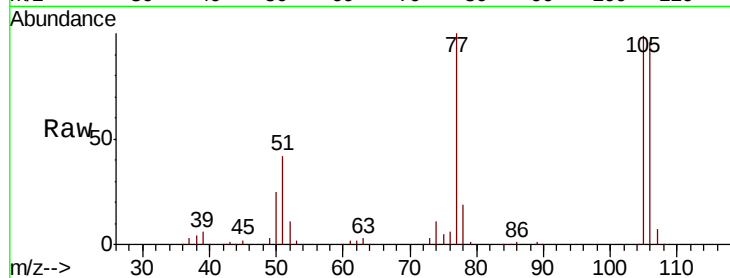
Tot Ion: 77 Resp: 373350

Ion Ratio Lower Upper

77 100

105 98.7 79.0 119.0

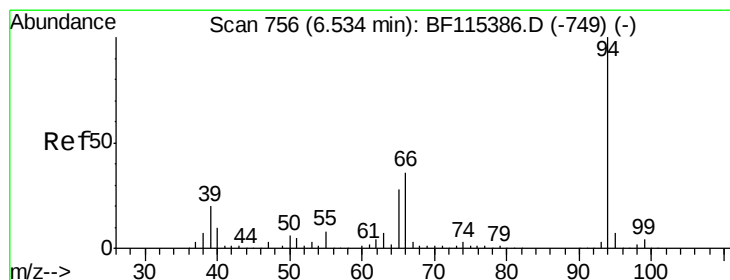
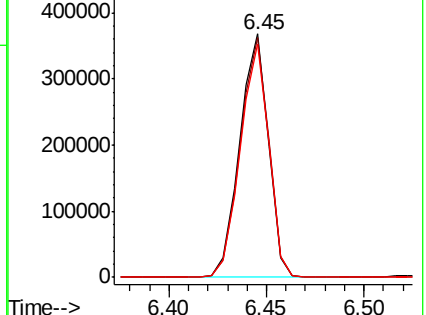
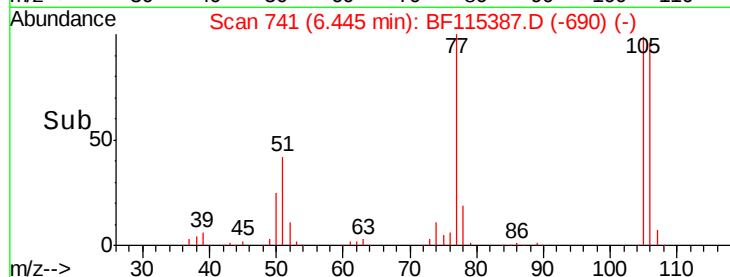
106 95.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 54.117 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

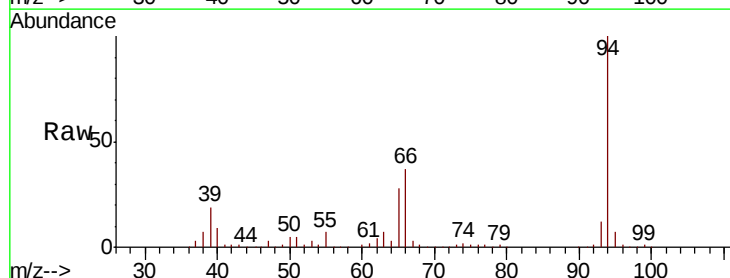
Tgt Ion: 94 Resp: 787561

Ion Ratio Lower Upper

94 100

65 27.9 8.0 48.0

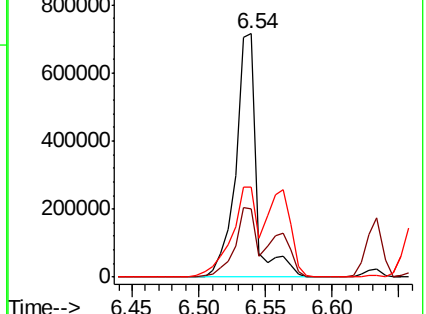
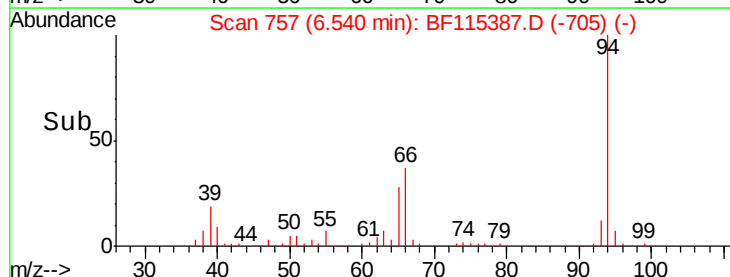
66 37.0 16.2 56.2

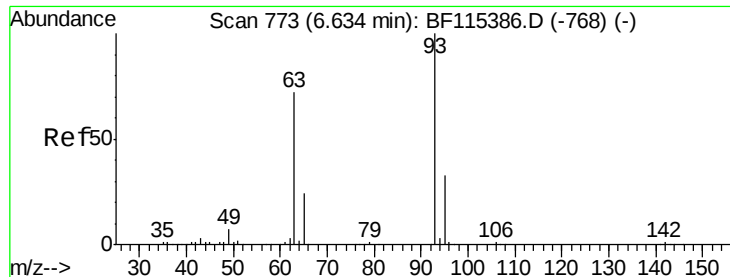


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

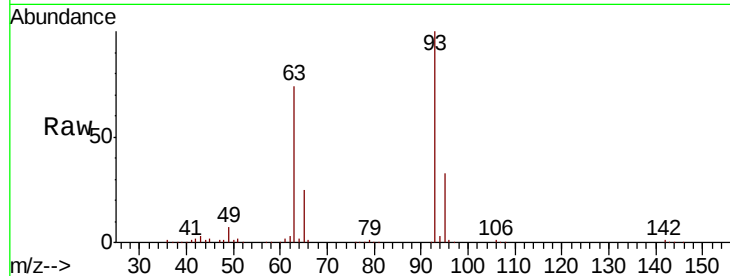




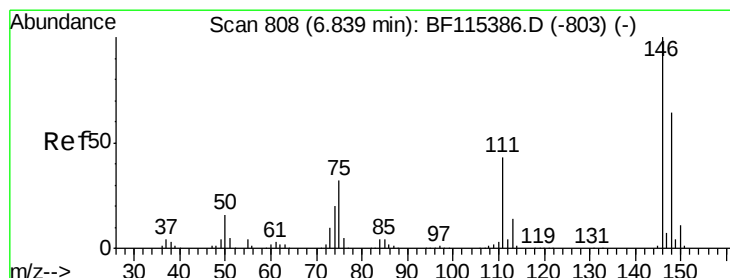
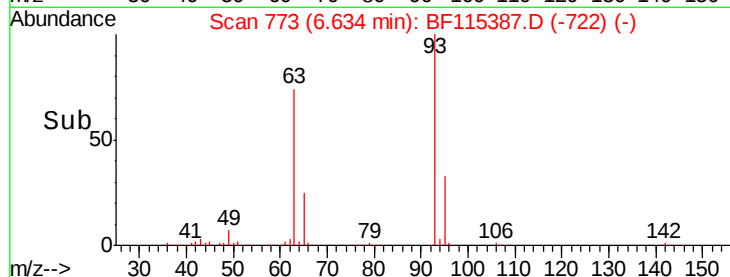
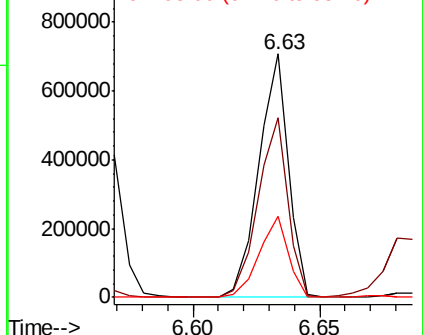
#11
bis(2-Chloroethyl)ether
Concen: 53.683 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	51.5	91.5
95	33.4	12.9	52.9

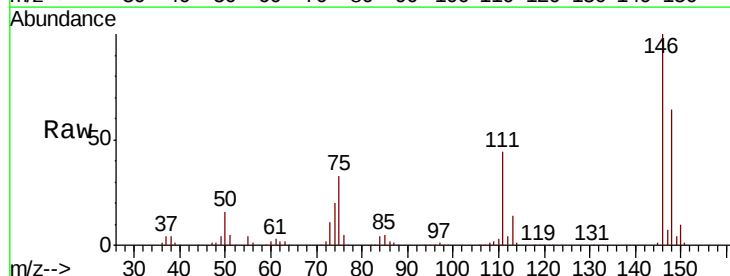


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

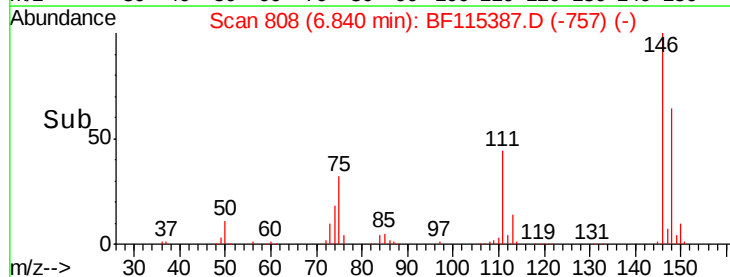
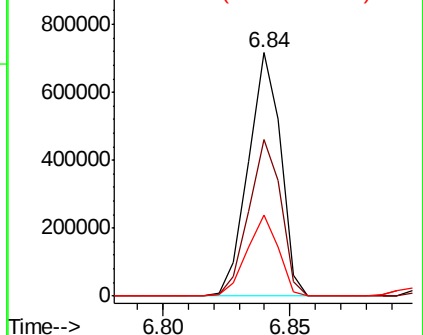


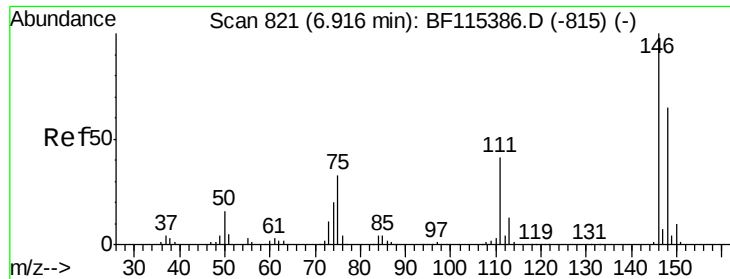
#12
1,3-Dichlorobenzene
Concen: 49.825 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
75	33.4	25.9	38.9



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

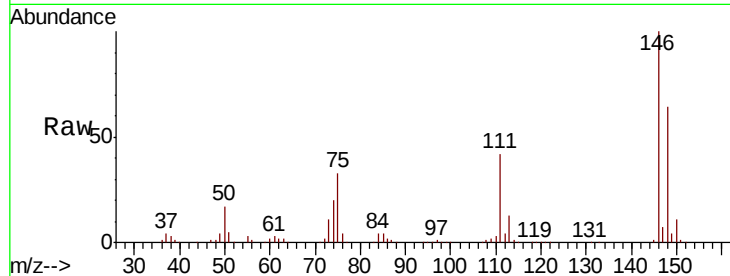




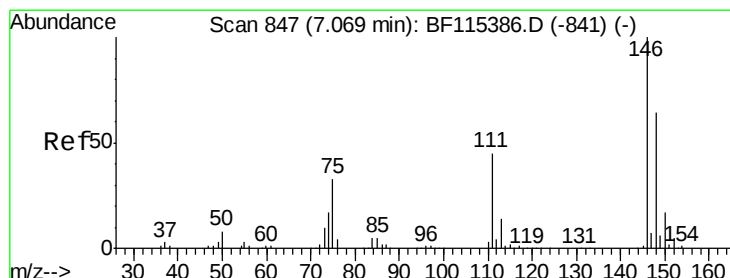
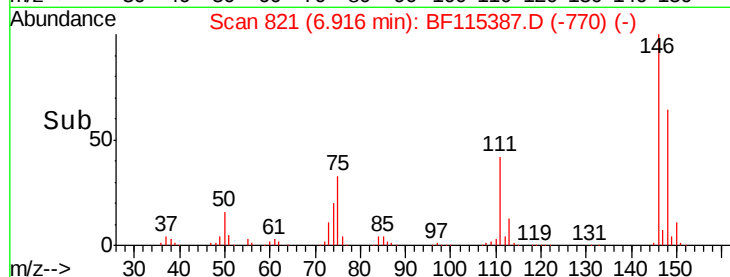
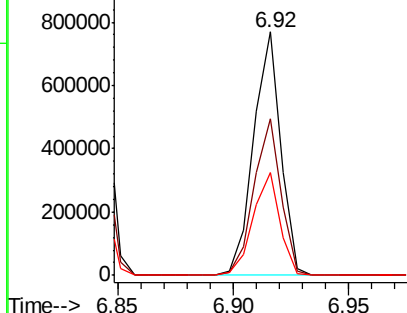
#13
 1,4-Dichlorobenzene
 Concen: 49.413 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 632937
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 42.0 33.0 49.4

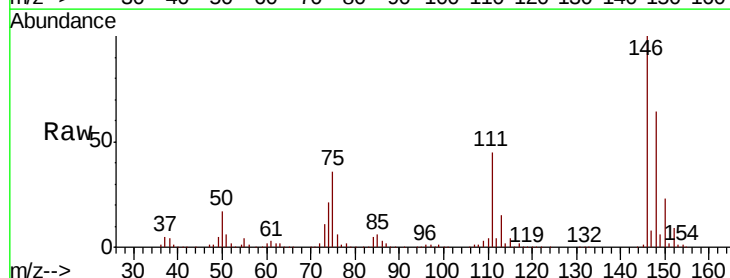


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

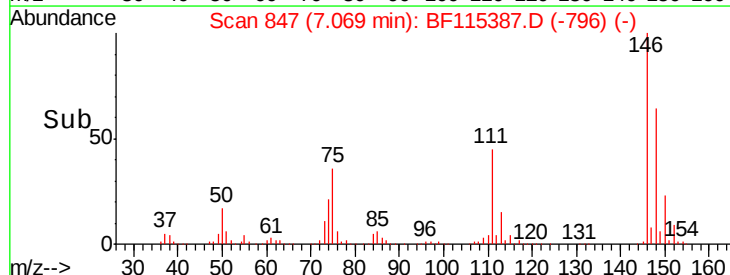
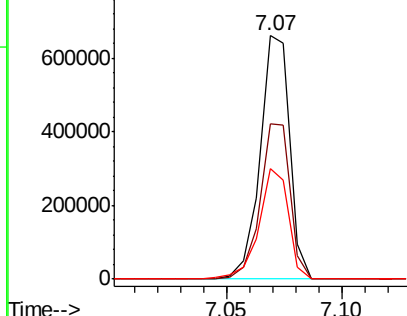


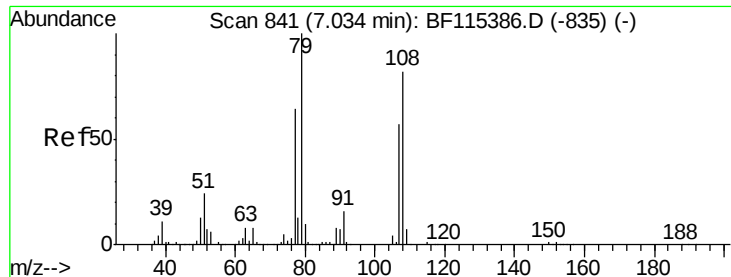
#14
 1,2-Dichlorobenzene
 Concen: 49.898 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:146 Resp: 591895
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 111 45.3 36.2 54.2



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: 58.410 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

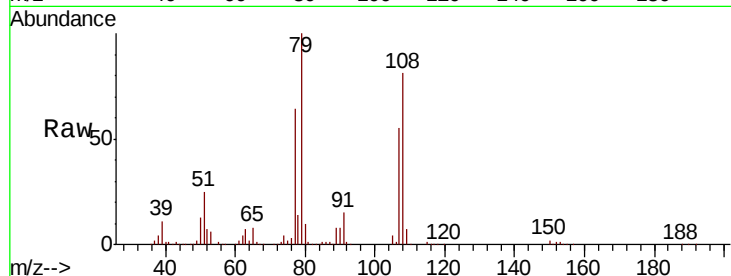
Tot Ion: 79 Resp: 528415

Ion Ratio Lower Upper

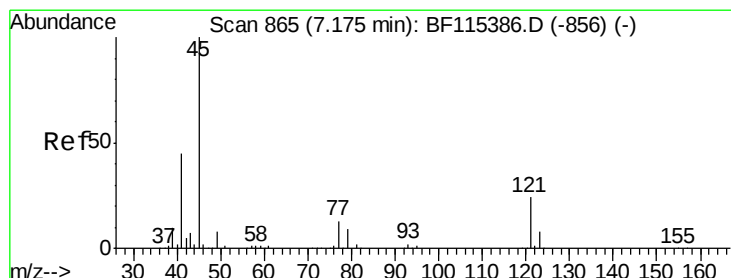
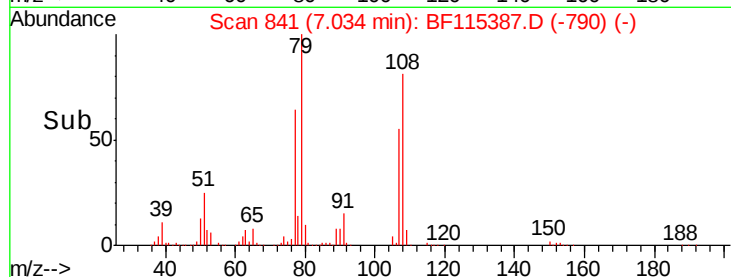
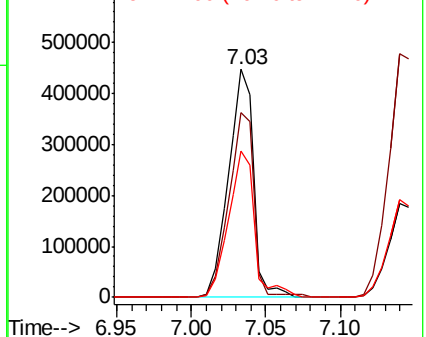
79 100

108 81.1 65.4 98.2

77 64.4 51.5 77.3



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: 52.100 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

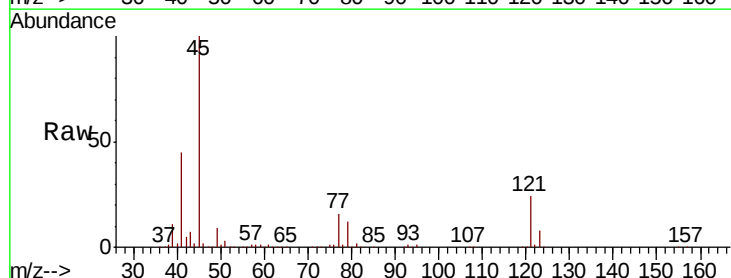
Tgt Ion: 45 Resp: 810623

Ion Ratio Lower Upper

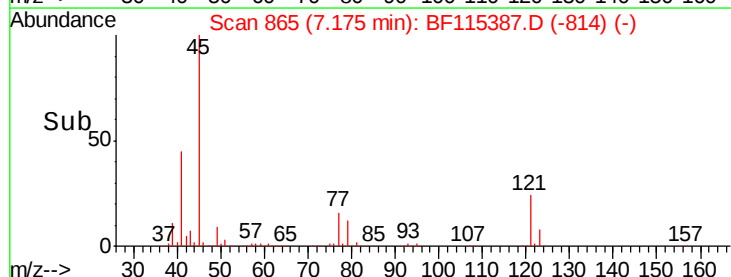
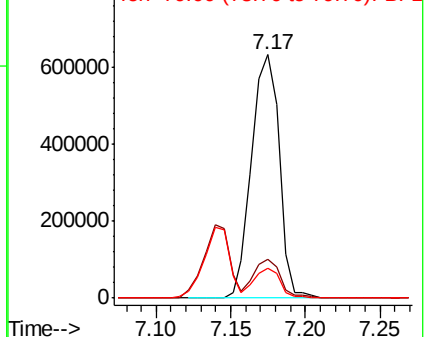
45 100

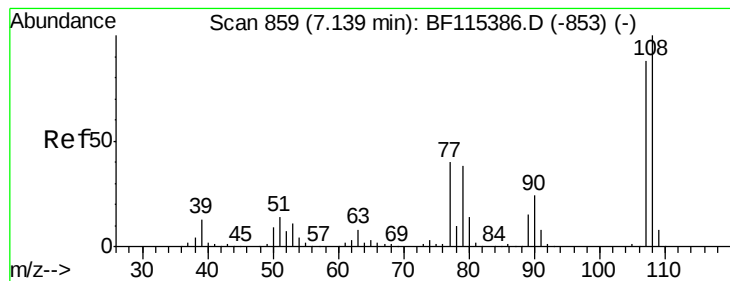
77 15.7 0.0 36.0

79 12.0 0.0 32.0



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

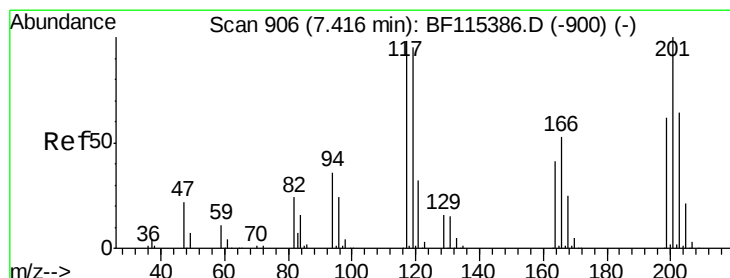
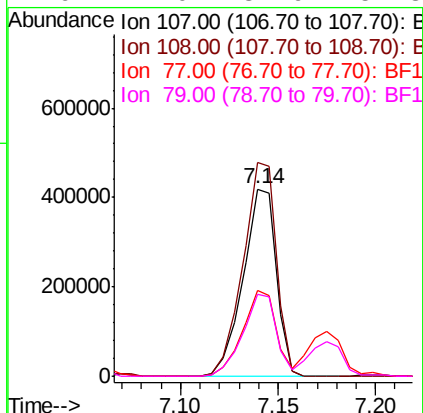
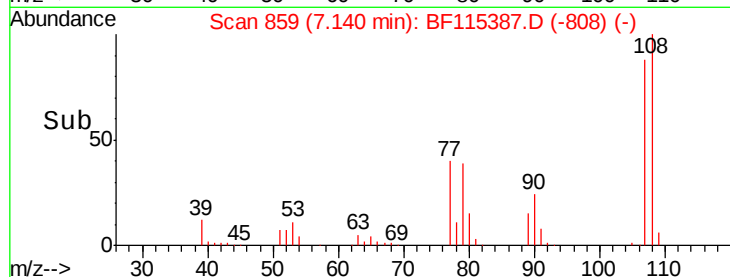
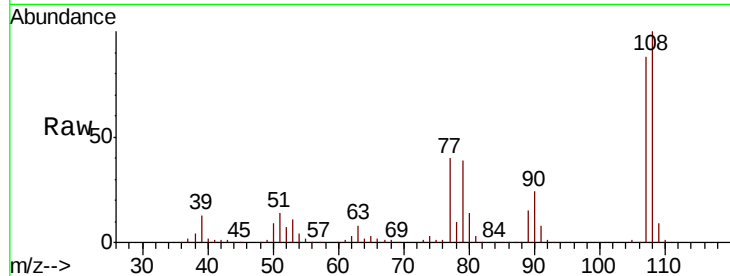




#17
2-Methylphenol
Concen: 51.970 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

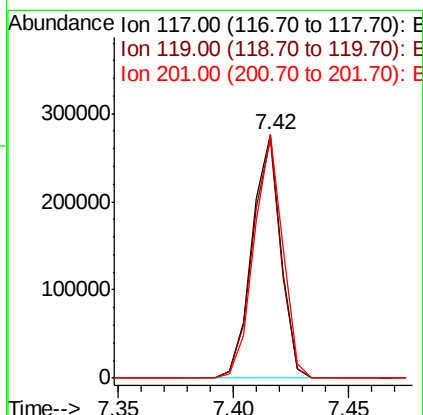
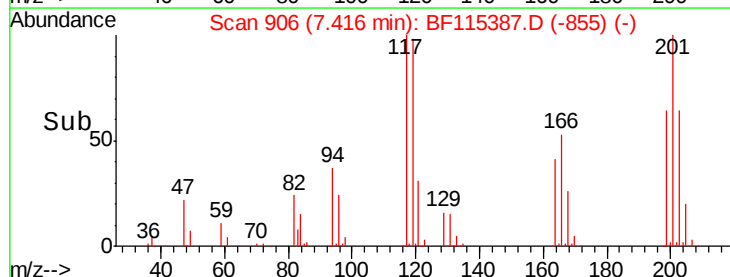
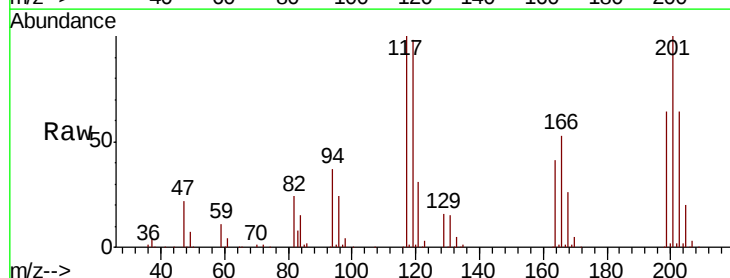
Instrument :
BNA_F
ClientSampleId :

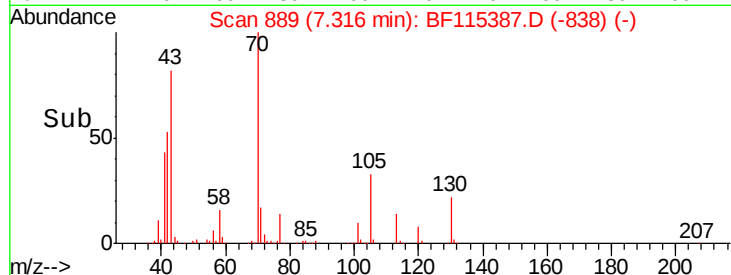
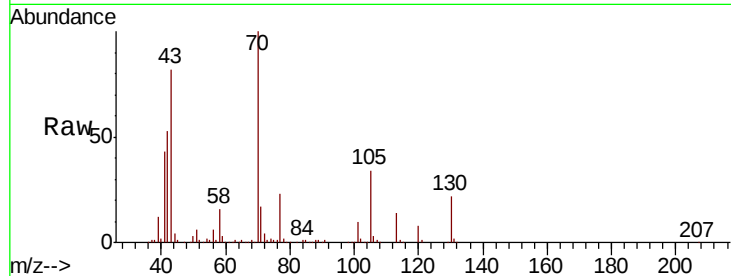
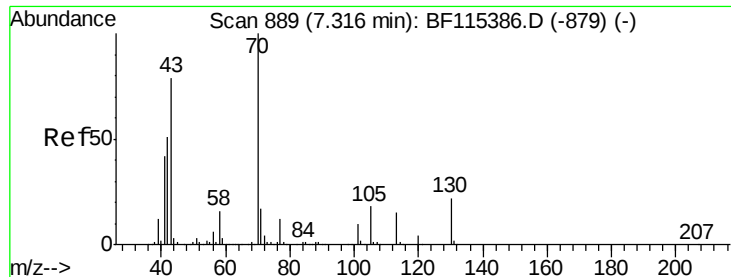
Tot Ion:107 Resp: 493730
Ion Ratio Lower Upper
107 100
108 114.0 90.7 136.1
77 45.5 36.3 54.5
79 44.0 34.9 52.3



#18
Hexachloroethane
Concen: 51.952 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:117 Resp: 239909
Ion Ratio Lower Upper
117 100
119 97.8 77.1 115.7
201 100.1 81.3 121.9

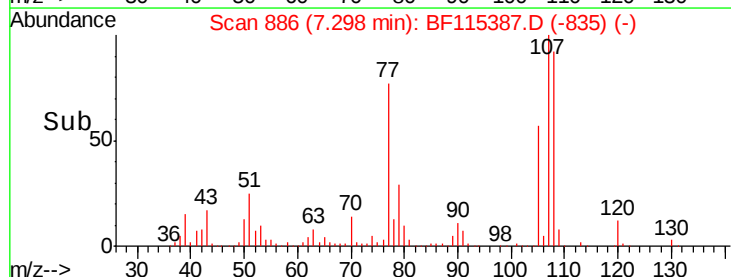
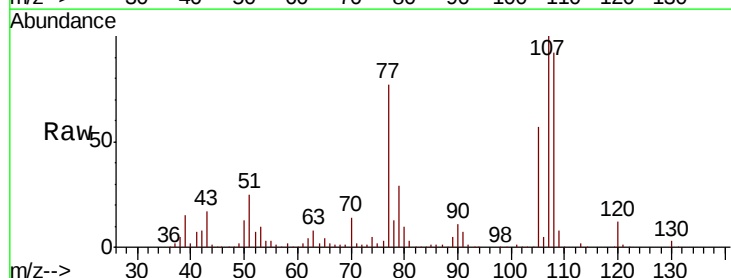
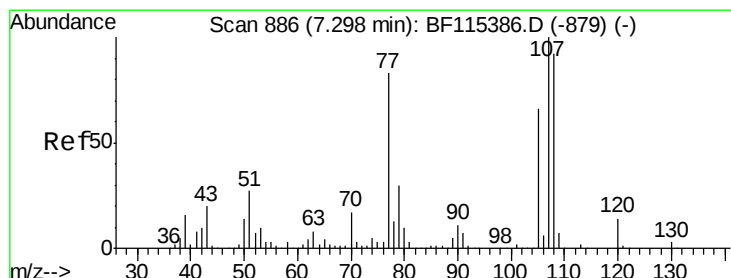
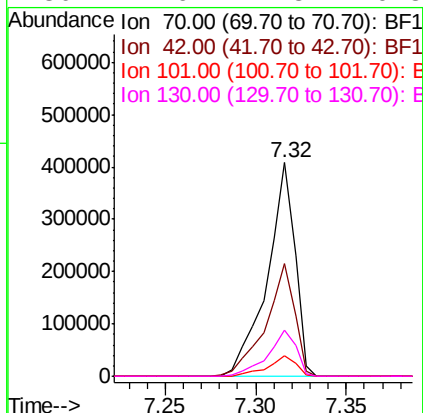




#19
n-Nitroso-di-n-propylamine
Concen: 54.698 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

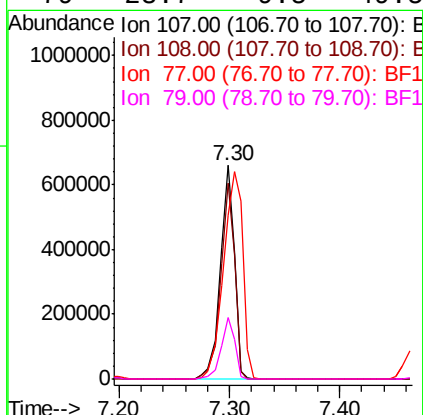
Instrument :
BNA_F
ClientSampleId :

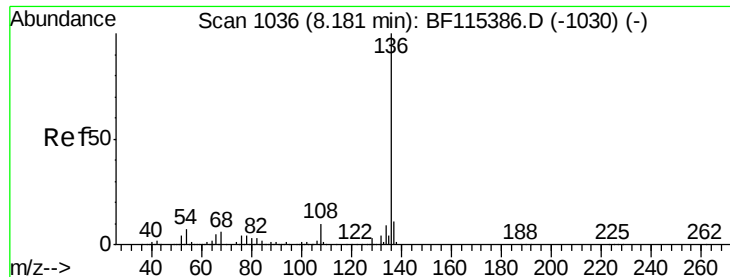
Tot Ion:	70	Resp:	435065
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.1	61.7
101	9.7	8.0	12.0
130	21.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 53.494 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:	107	Resp:	586820
Ion	Ratio	Lower	Upper
107	100		
108	92.0	72.5	112.5
77	76.7	62.7	102.7
79	28.7	9.5	49.5

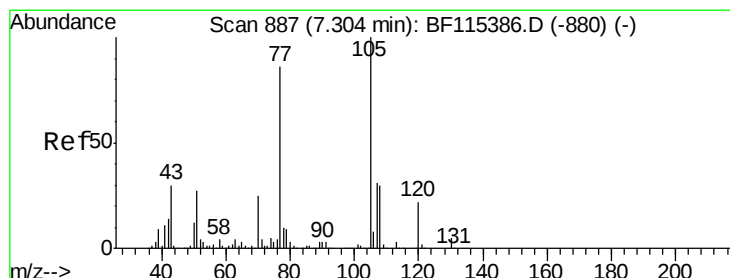
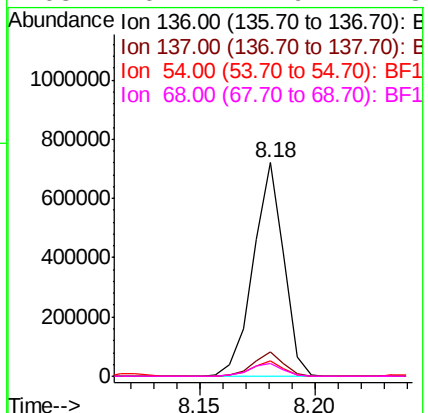
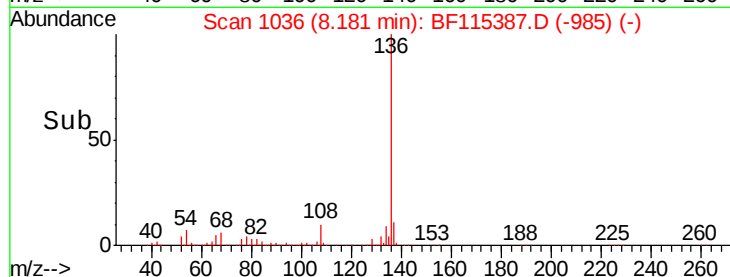
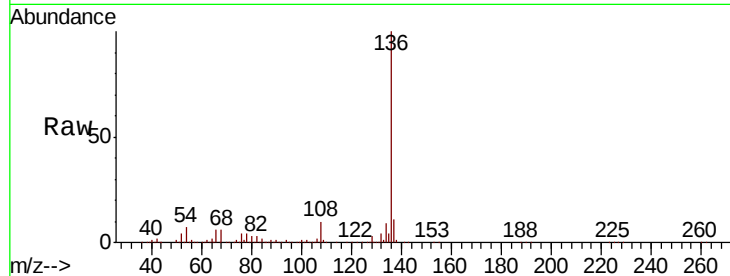




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

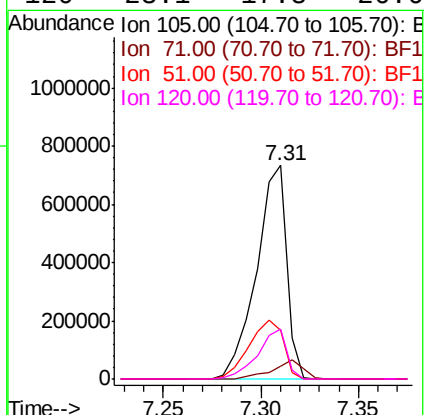
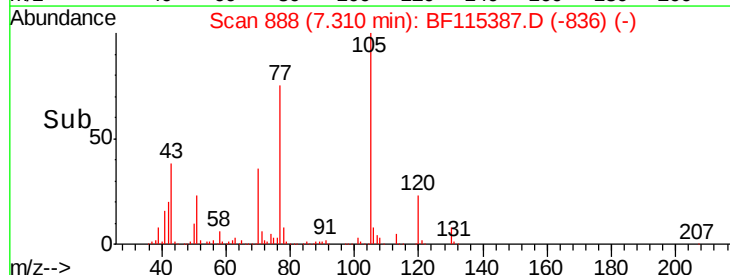
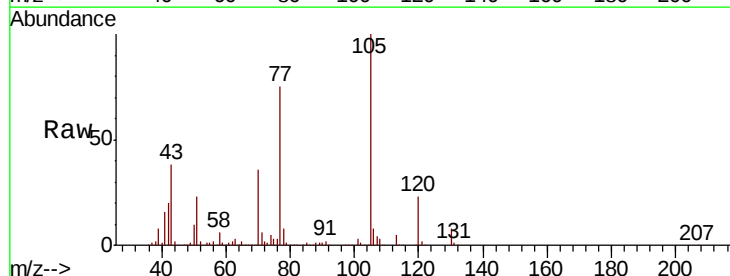
Instrument :
BNA_F
ClientSampleId :

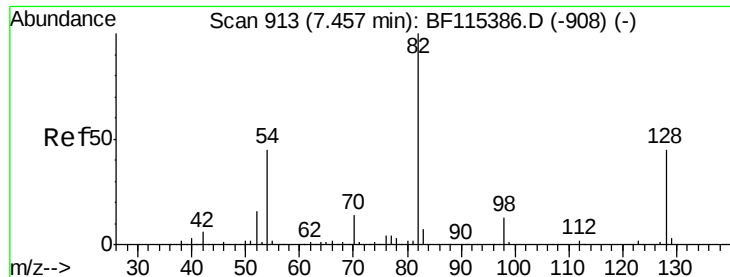
Tot Ion:136	Resp: 663391
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.1	5.6 8.4
68 6.2	4.9 7.3



#22
Acetophenone
Concen: 51.965 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt	Ion:105	Resp:	789201
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.3	4.9#
51	22.7	21.5	32.3
120	23.1	17.8	26.6

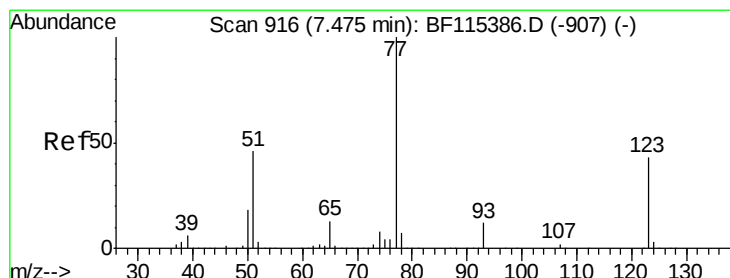
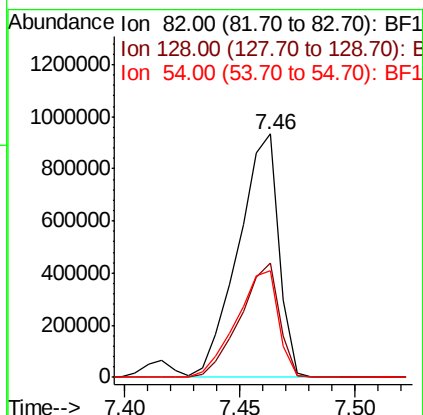
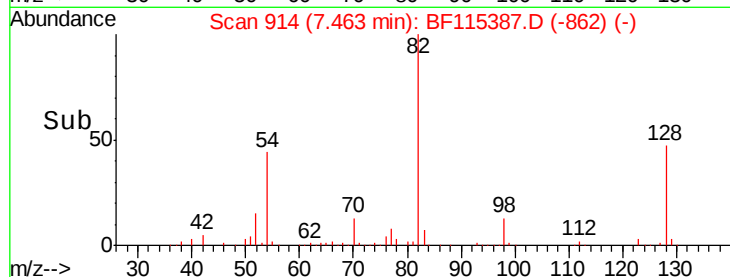
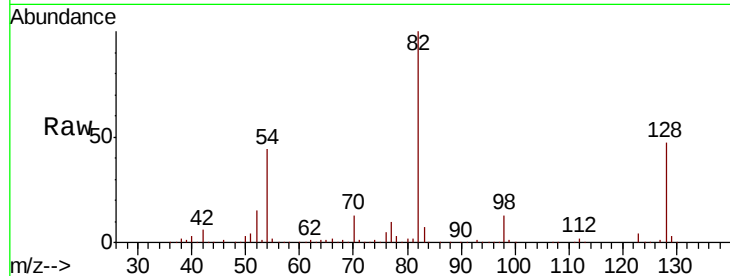




#23
 Nitrobenzene-d5
 Concen: 106.505 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

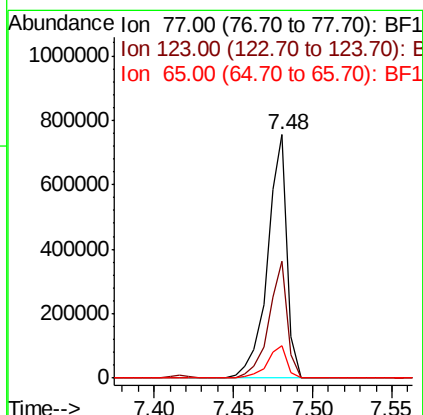
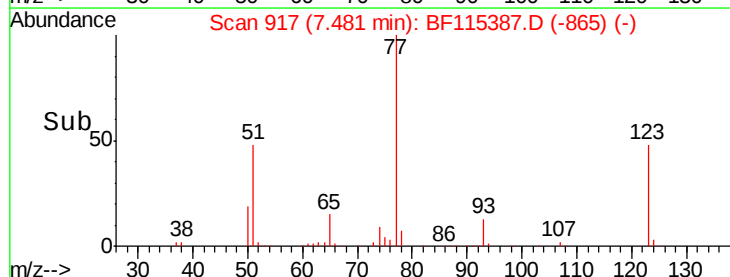
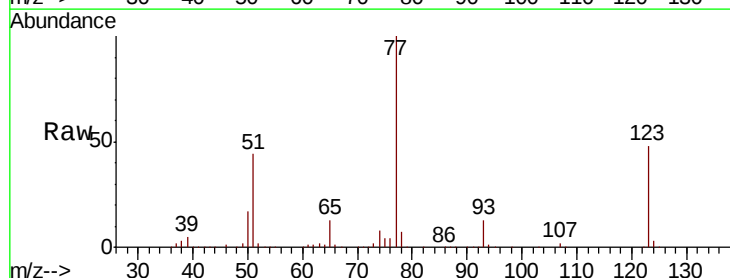
Instrument :
 BNA_F
 ClientSampleId :

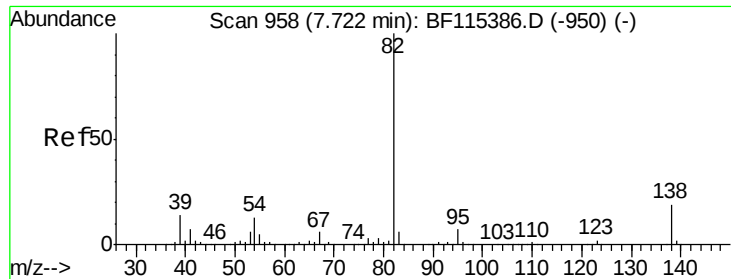
Tot Ion: 82 Resp: 1148567
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.7 53.5
 54 43.8 36.3 54.5



#24
 Nitrobenzene
 Concen: 54.486 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion: 77 Resp: 647332
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.0 52.6
 65 13.4 10.8 16.2





#25

Isophorone

Concen: 54.173 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

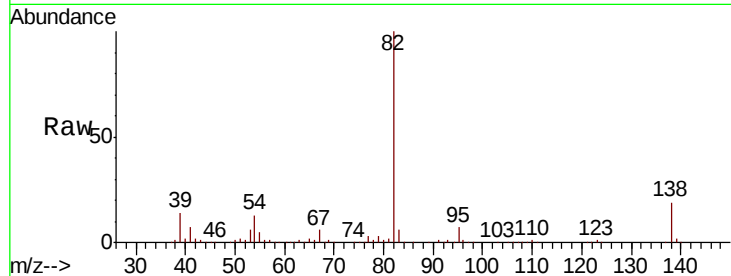
Tot Ion: 82 Resp: 1196769

Ion Ratio Lower Upper

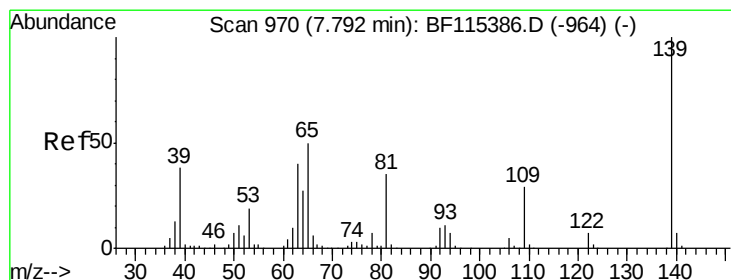
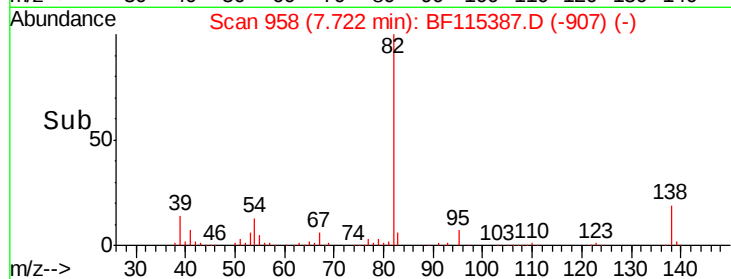
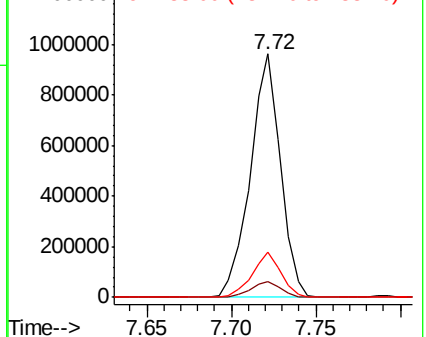
82 100

95 6.7 5.4 8.0

138 18.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 47.637 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

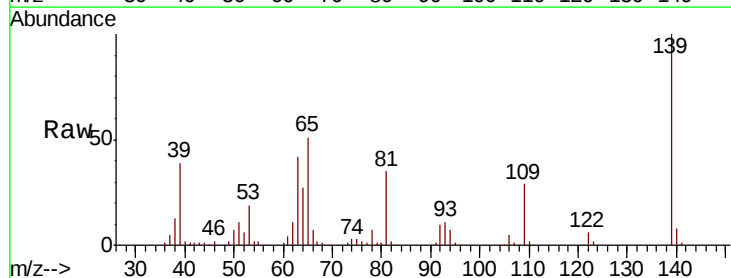
Tgt Ion: 139 Resp: 279493

Ion Ratio Lower Upper

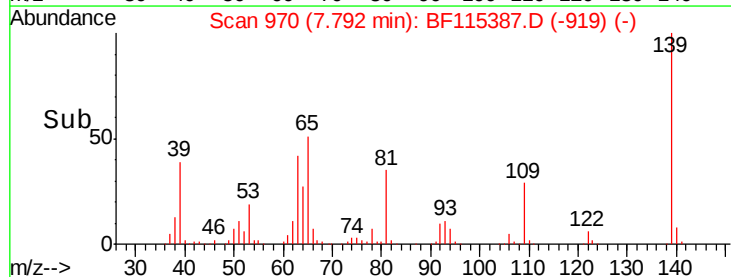
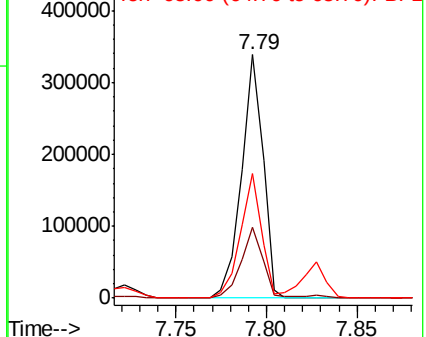
139 100

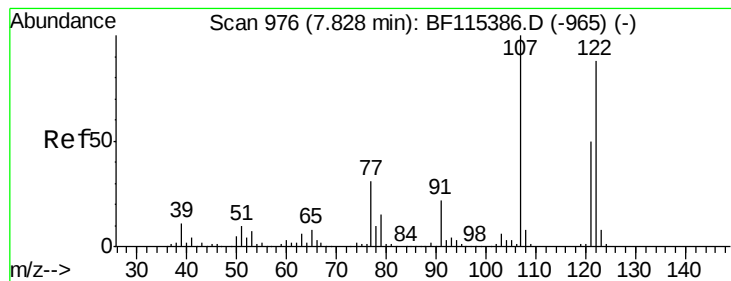
109 28.9 22.9 34.3

65 50.9 40.2 60.4



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

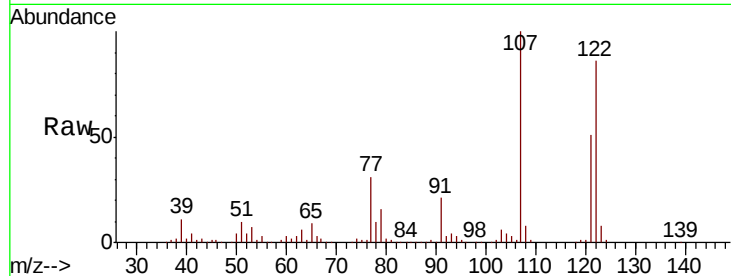




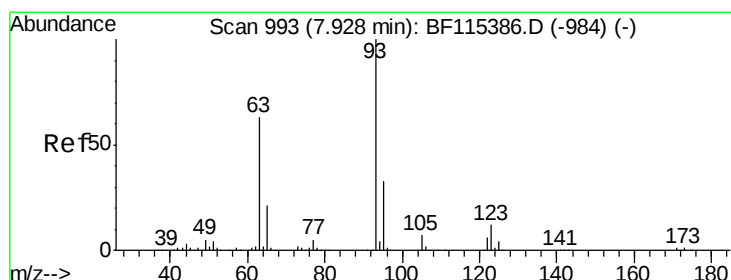
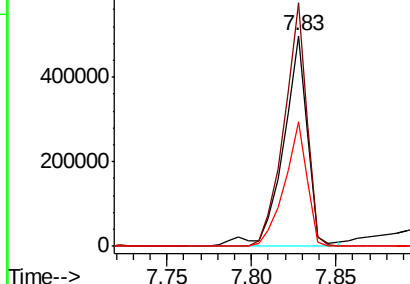
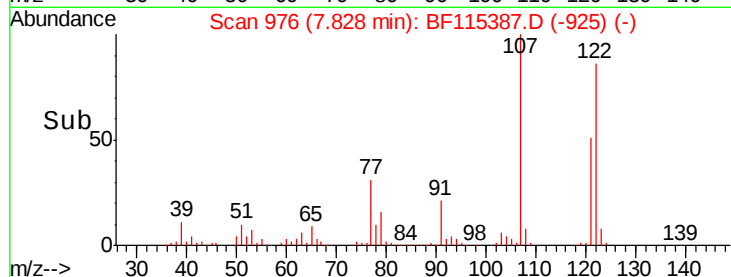
#27
2,4-Dimethylphenol
Concen: 51.575 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 495442
Ion Ratio Lower Upper
122 100
107 115.6 91.0 136.6
121 59.0 45.9 68.9

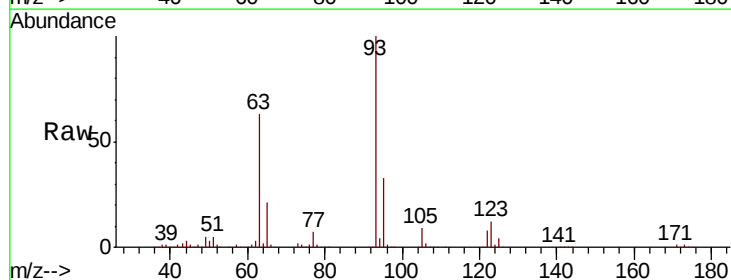


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

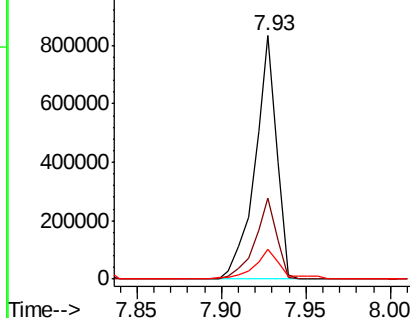
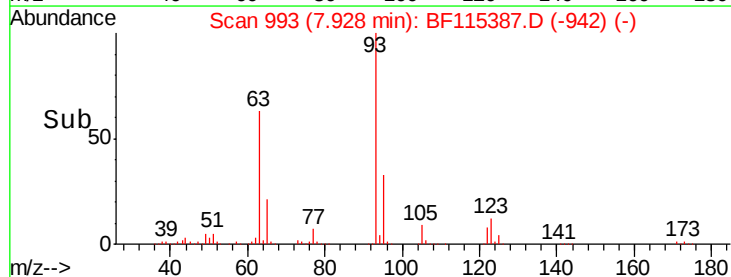


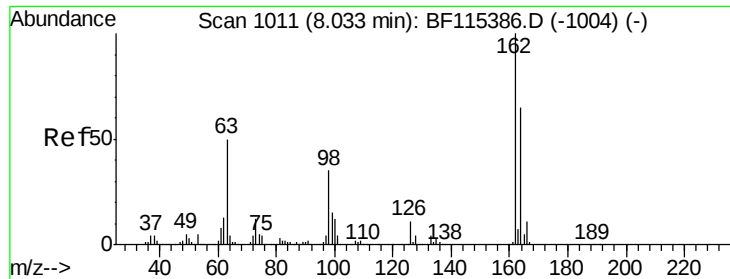
#28
bis(2-Chloroethoxy)methane
Concen: 53.496 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion: 93 Resp: 746958
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 12.2 10.0 15.0



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

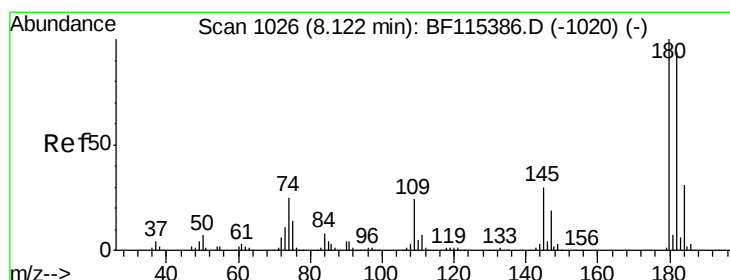
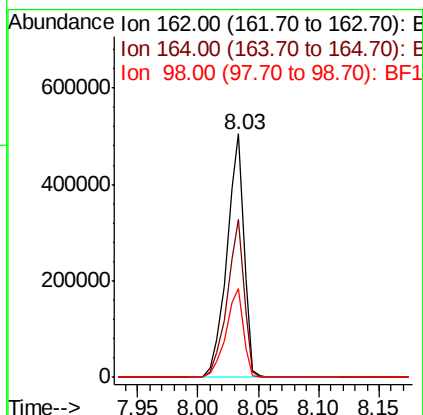
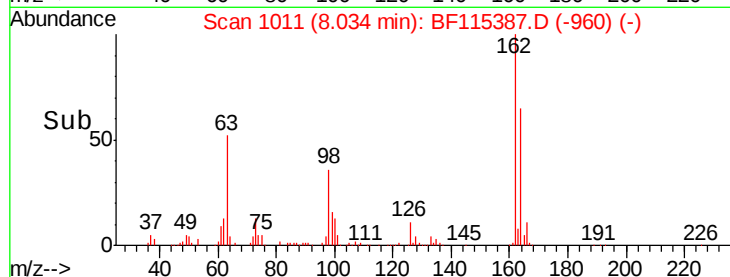
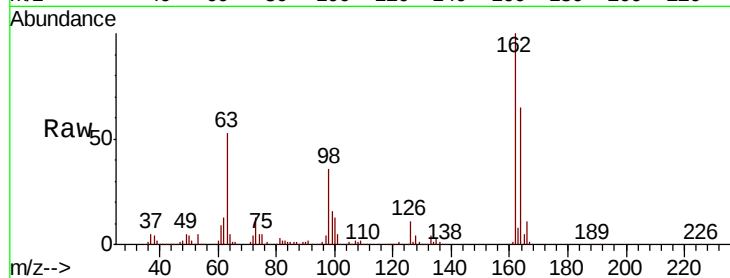




#29
2,4-Dichlorophenol
Concen: 50.205 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

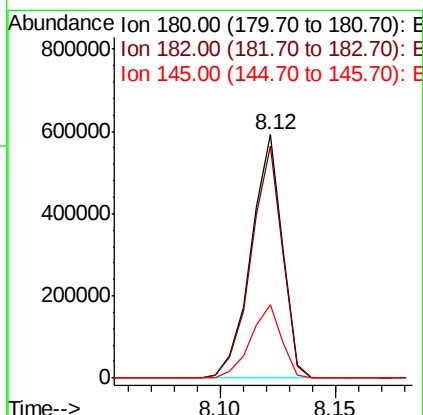
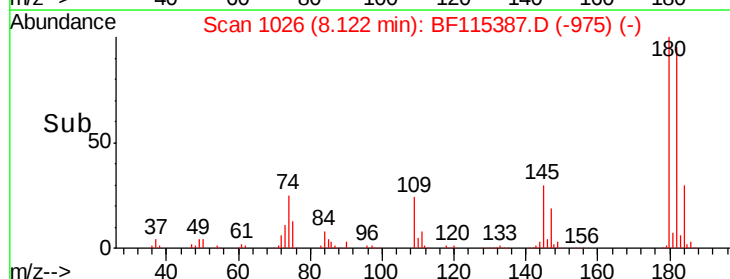
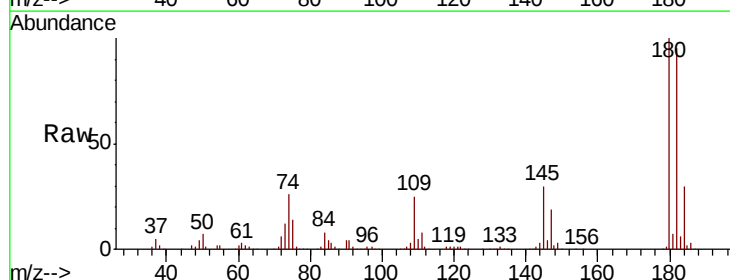
Instrument :
BNA_F
ClientSampleId :

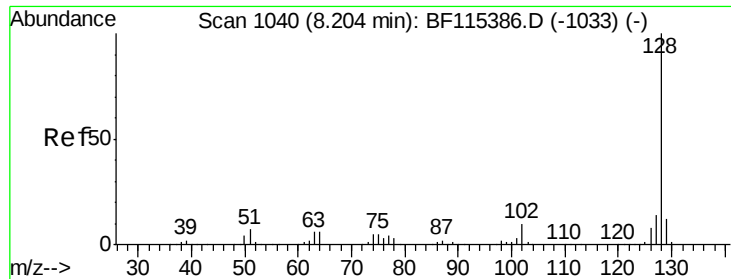
Tot Ion:162 Resp: 497713
Ion Ratio Lower Upper
162 100
164 64.8 44.6 84.6
98 36.3 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 50.964 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:180 Resp: 558072
Ion Ratio Lower Upper
180 100
182 95.1 75.6 113.4
145 30.1 23.8 35.6

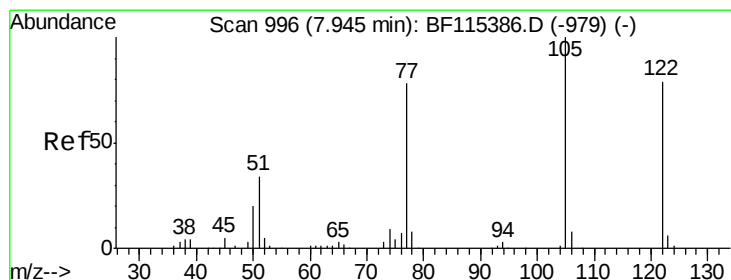
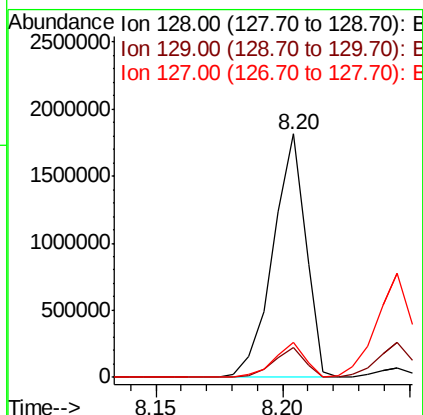
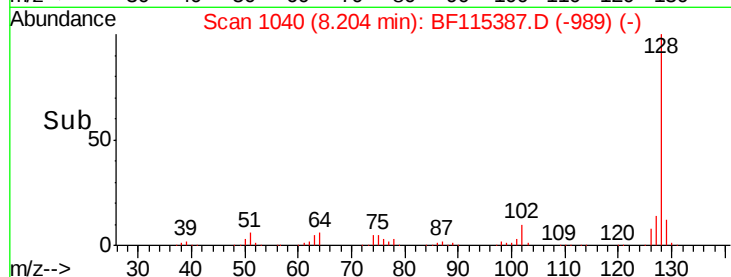
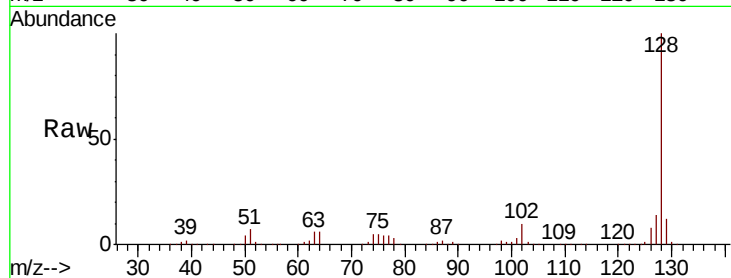




#31
Naphthalene
Concen: 49.927 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

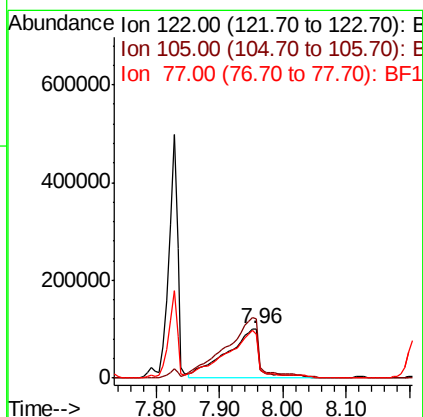
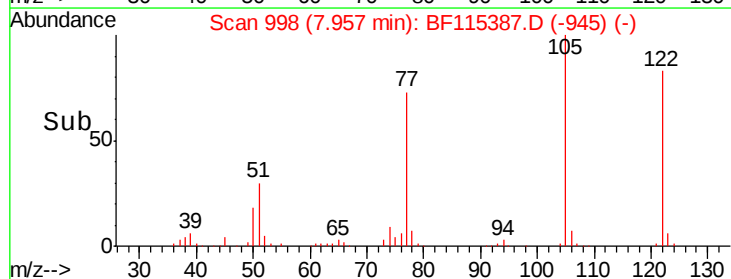
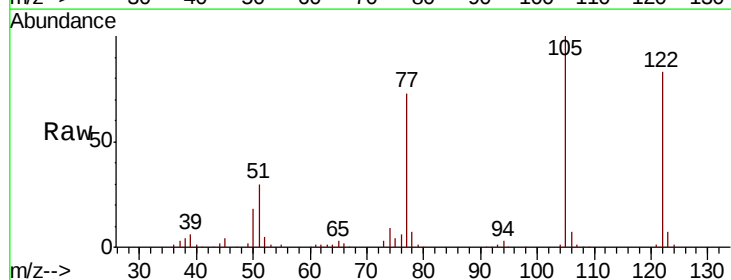
Instrument :
BNA_F
ClientSampled :

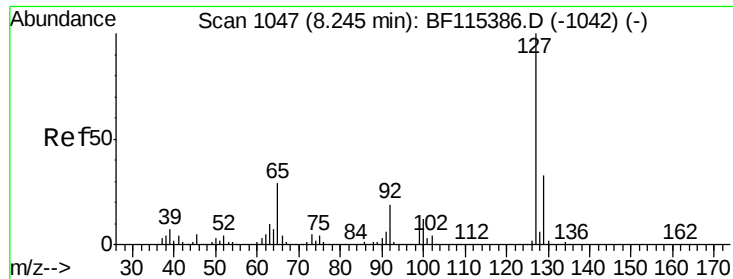
Tot Ion:128 Resp: 1625836
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.2
127 14.3 11.2 16.8



#32
Benzoic acid
Concen: 53.541 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:122 Resp: 367139
Ion Ratio Lower Upper
122 100
105 120.9 105.1 145.1
77 88.6 77.8 117.8

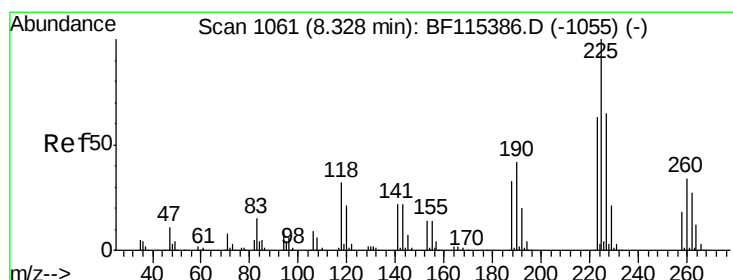
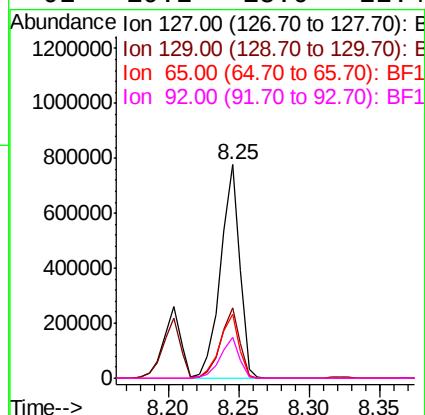
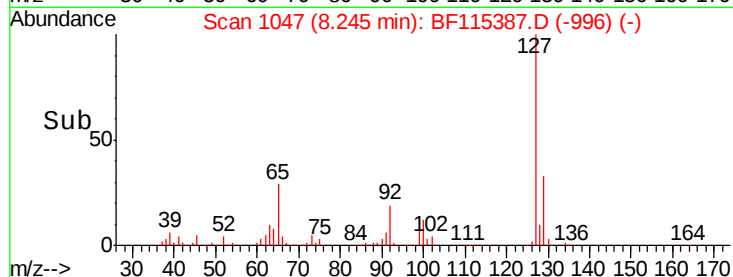
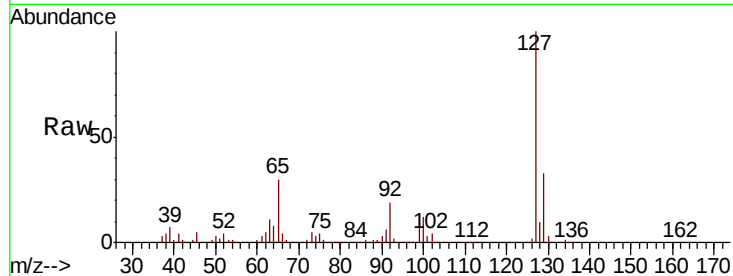




#33
4-Chloroaniline
Concen: 49.004 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

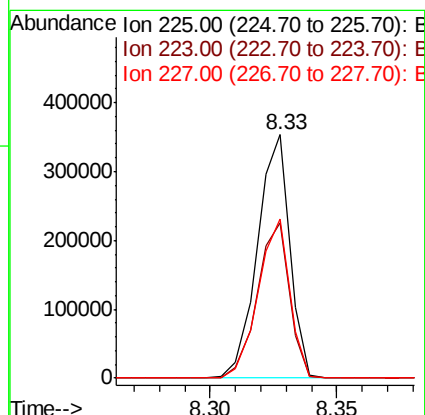
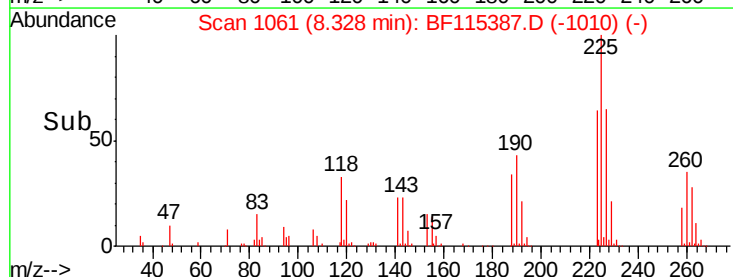
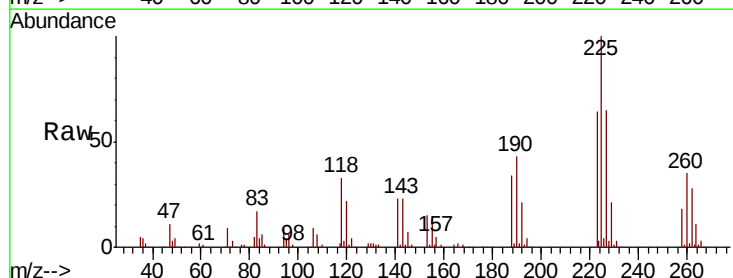
Instrument :
BNA_F
ClientSampled :

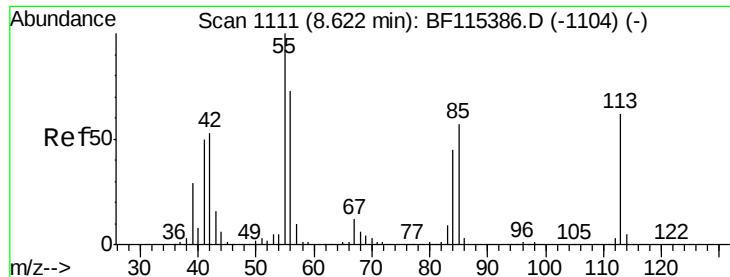
Tot Ion:	127	Resp:	729305
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	29.9	23.3	34.9
92	19.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 52.566 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:	225	Resp:	315442
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	65.4	52.1	78.1

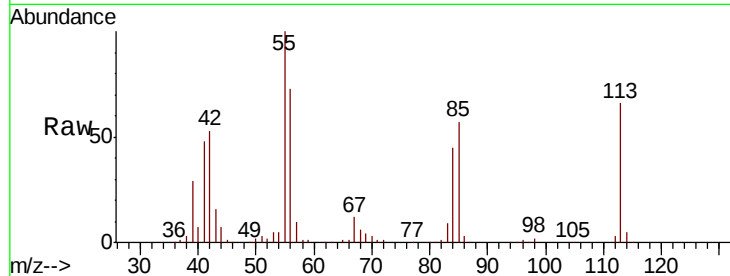




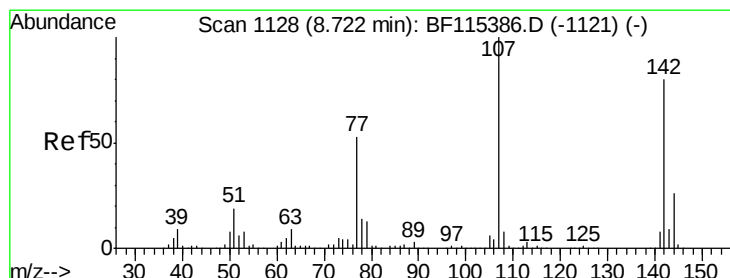
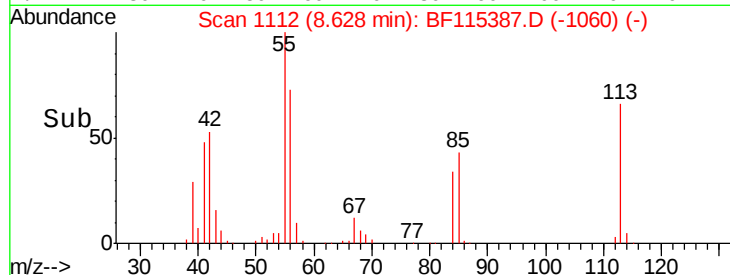
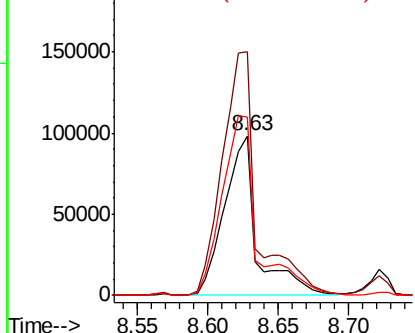
#35
Caprolactam
Concen: 47.368 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 157878
Ion Ratio Lower Upper
113 100
55 152.5 141.9 181.9
56 111.8 98.7 138.7

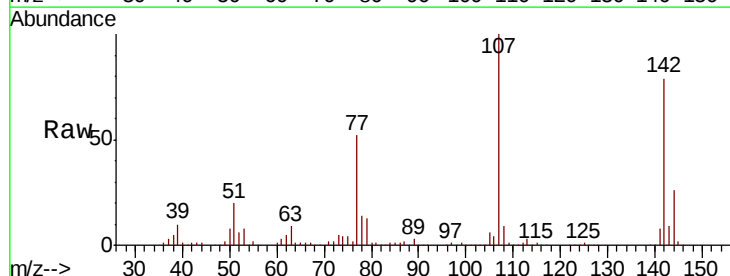


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

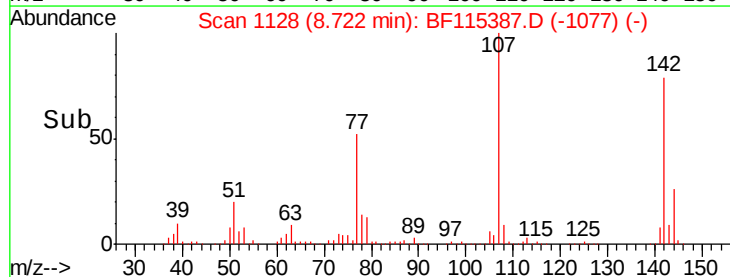
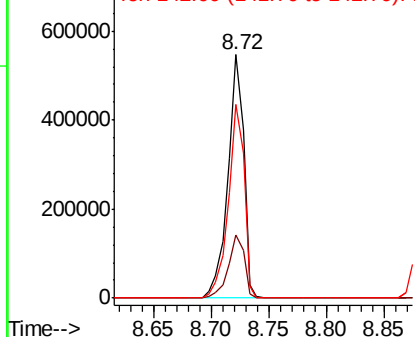


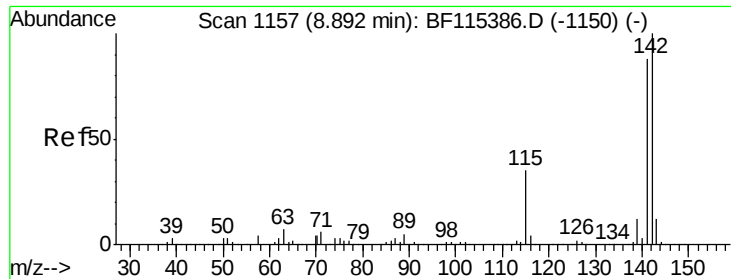
#36
4-Chloro-3-methylphenol
Concen: 51.722 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:107 Resp: 519280
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 79.5 64.0 96.0



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

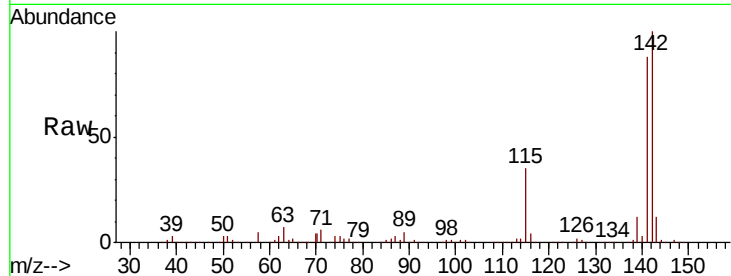




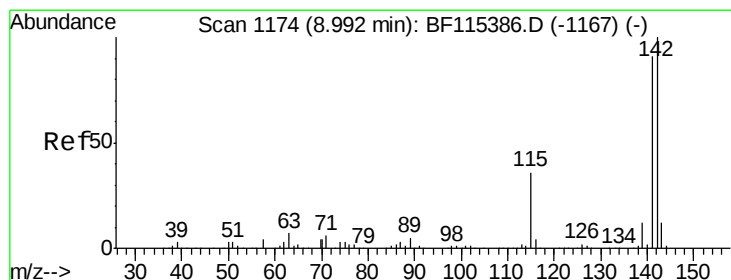
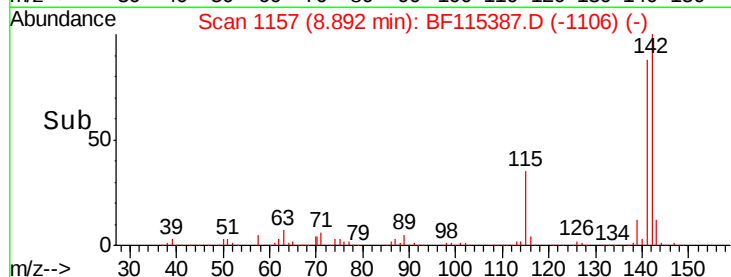
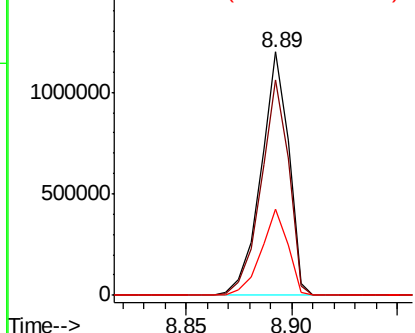
#37
2-Methylnaphthalene
Concen: 49.739 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1092092
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 35.4 27.8 41.8

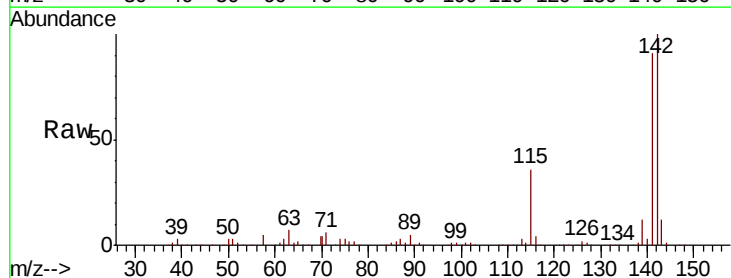


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

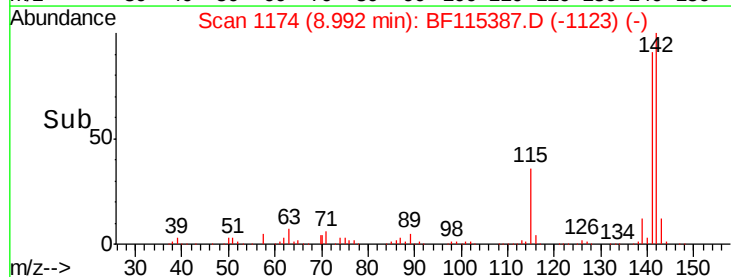
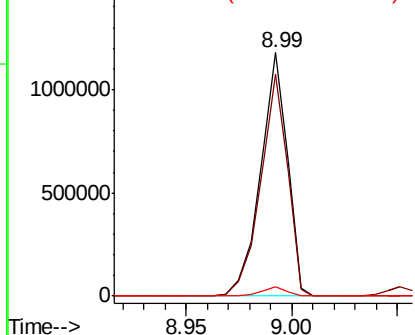


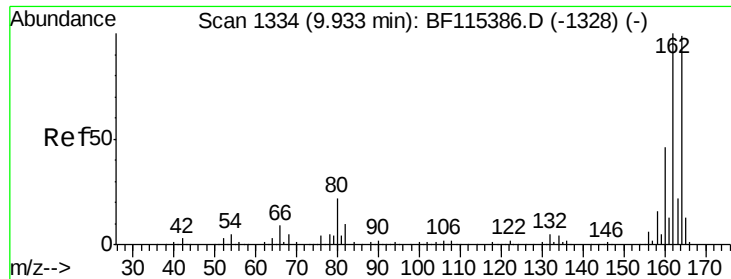
#38
1-Methylnaphthalene
Concen: 49.759 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:142 Resp: 1043445
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1
116 3.9 3.0 4.4



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

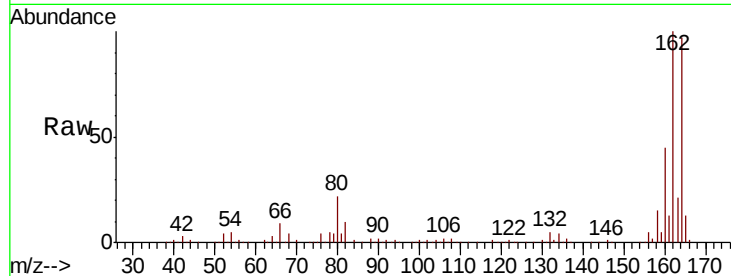




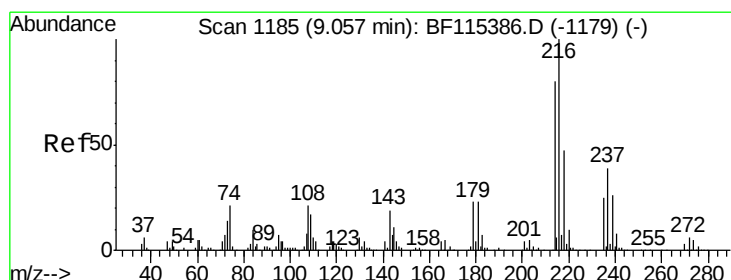
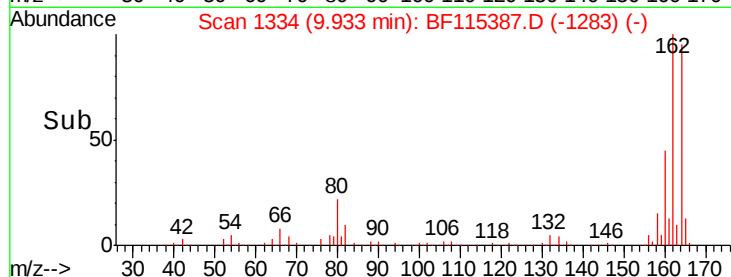
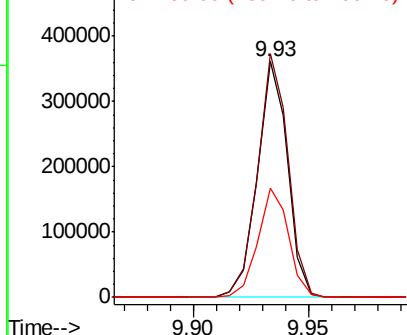
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 328596
Ion Ratio Lower Upper
164 100
162 103.4 80.6 121.0
160 46.1 37.0 55.6

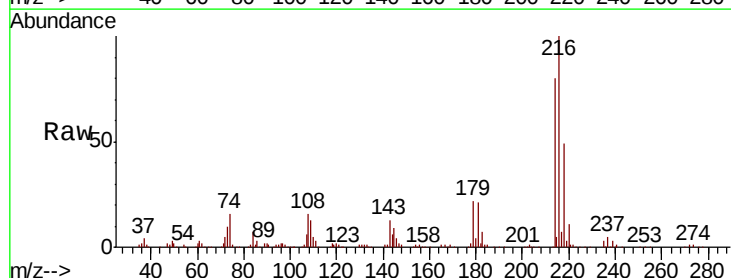


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

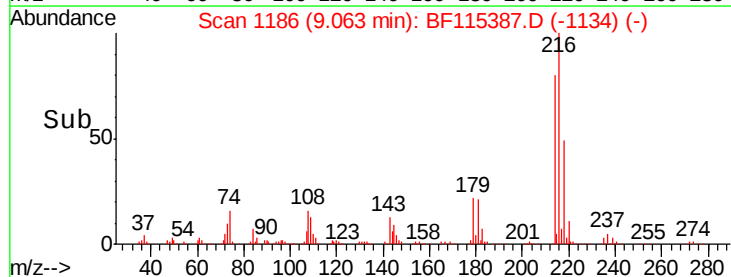
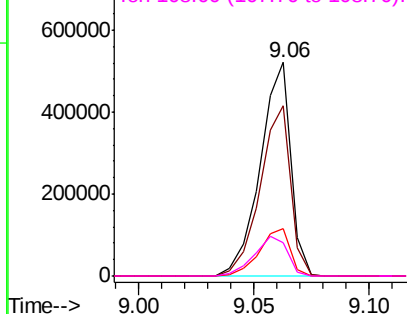


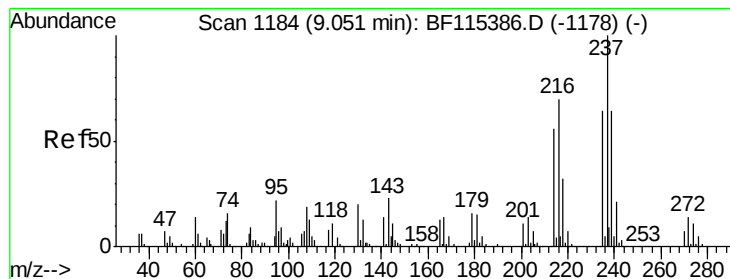
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.716 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:216 Resp: 480209
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 22.5 17.8 26.8
108 20.4 16.7 25.1



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





#41

Hexachlorocyclopentadiene

Concen: 51.825 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

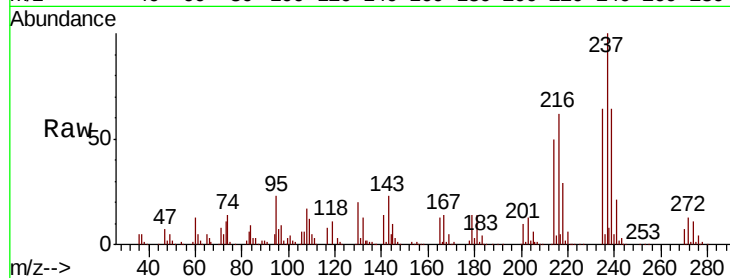
Tot Ion:237 Resp: 285349

Ion Ratio Lower Upper

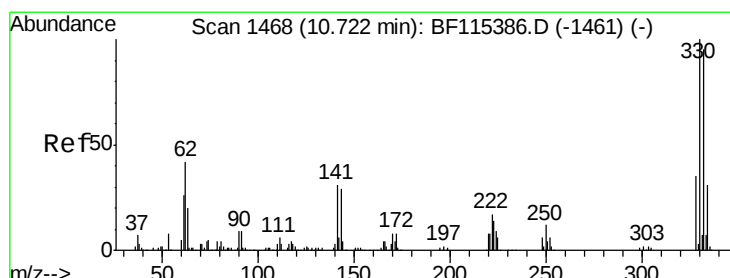
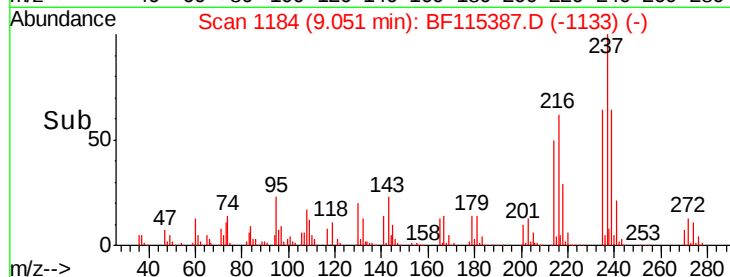
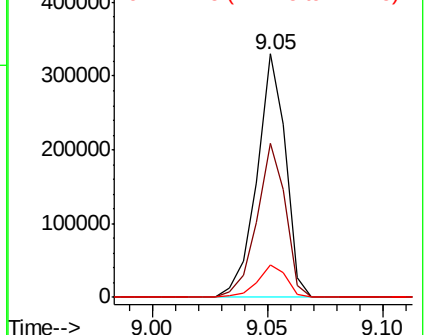
237 100

235 63.5 44.4 84.4

272 13.3 0.0 33.7



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: 105.395 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

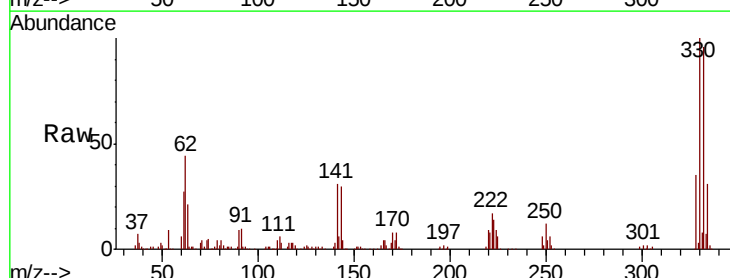
Tgt Ion:330 Resp: 365211

Ion Ratio Lower Upper

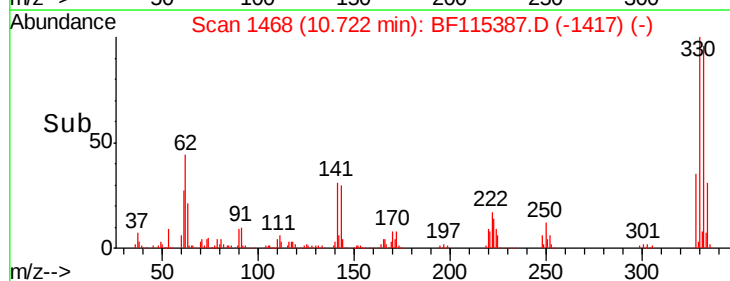
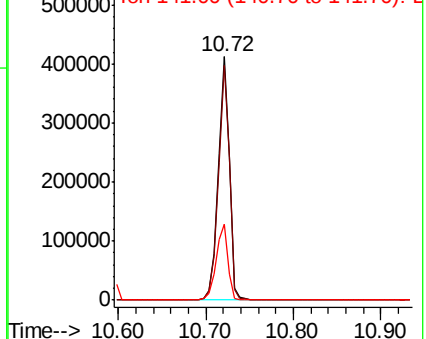
330 100

332 96.4 76.3 114.5

141 32.8 27.0 40.4



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

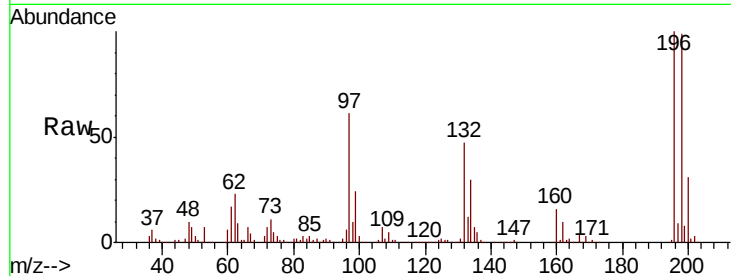




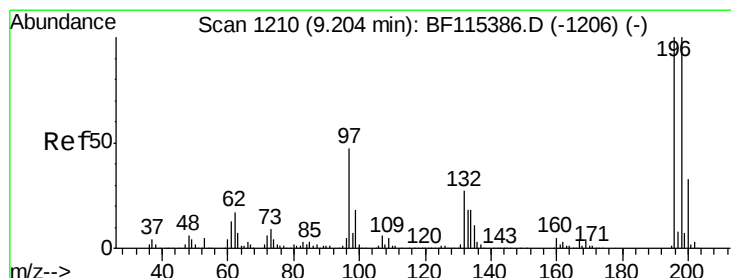
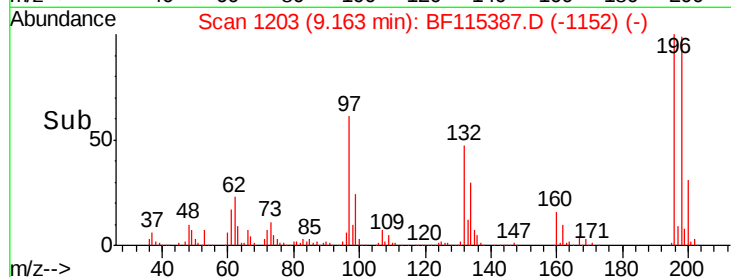
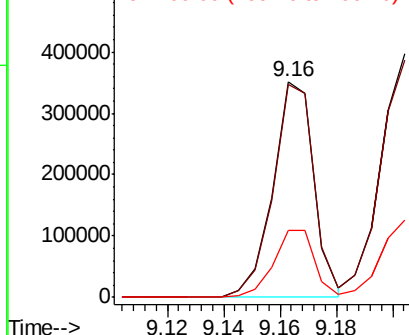
#43
 2,4,6-Trichlorophenol
 Concen: 49.272 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 353221
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.5 119.3
 200 31.1 25.8 38.8

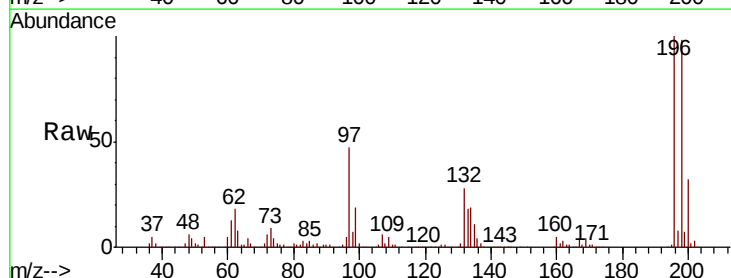


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

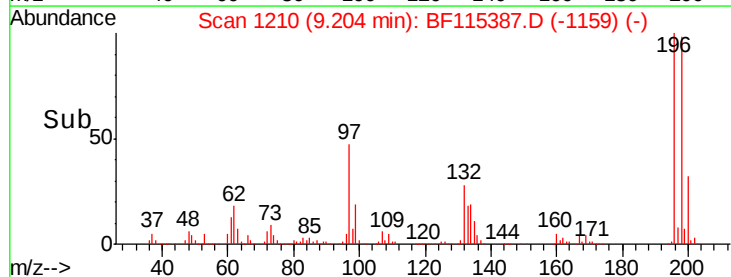
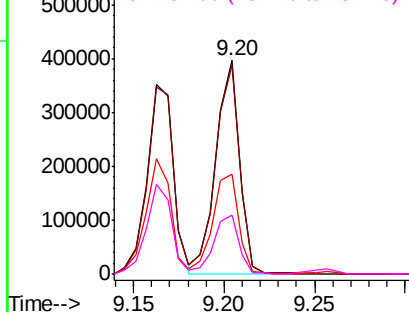


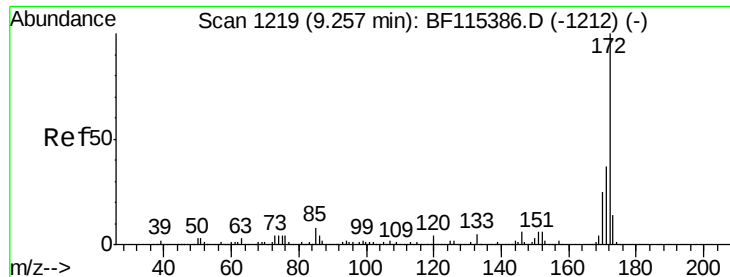
#44
 2,4,5-Trichlorophenol
 Concen: 48.897 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:196 Resp: 360980
 Ion Ratio Lower Upper
 196 100
 198 97.6 80.3 120.5
 97 47.0 38.3 57.5
 132 27.7 22.2 33.2



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



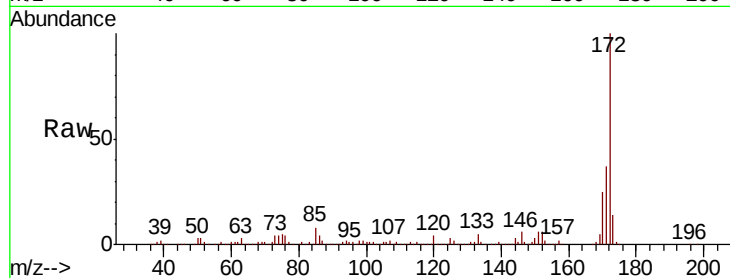


#45
 2-Fluorobiphenyl
 Concen: 101.204 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

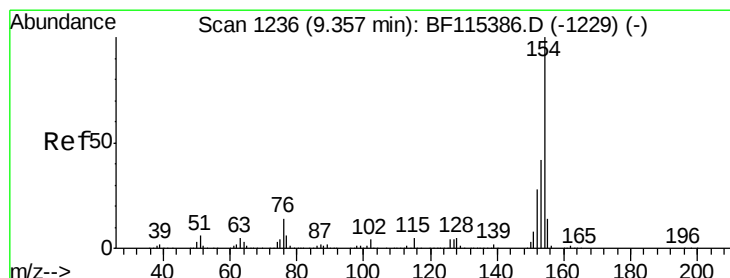
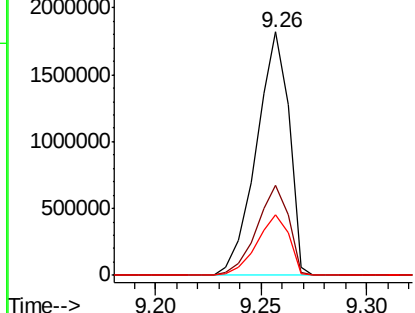
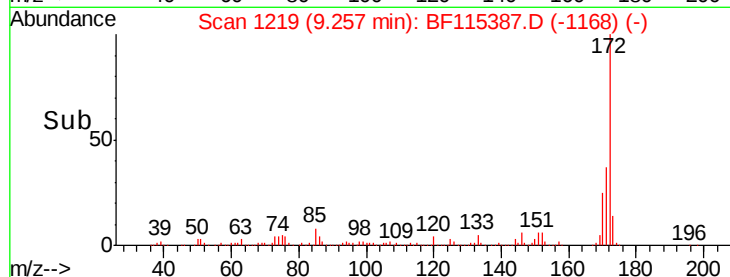
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1957780

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	25.1	20.2	30.4



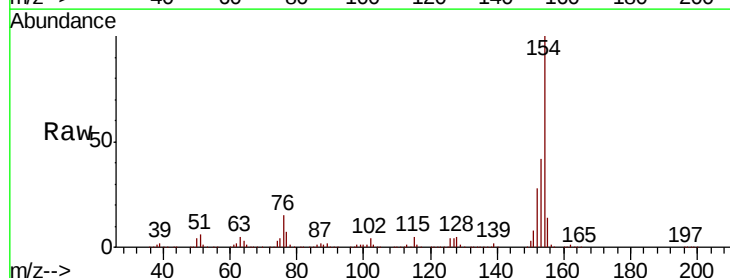
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



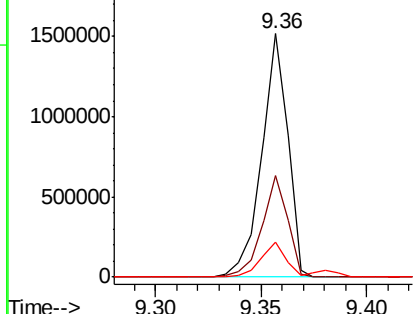
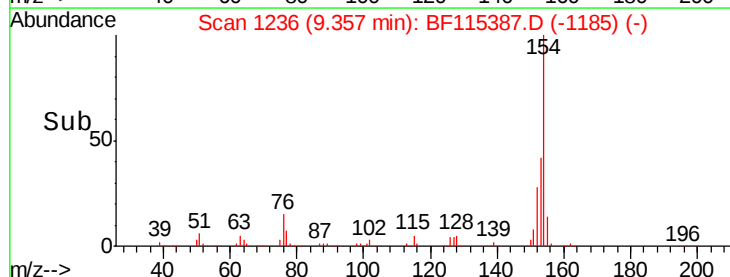
#46
 1,1'-Biphenyl
 Concen: 49.428 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

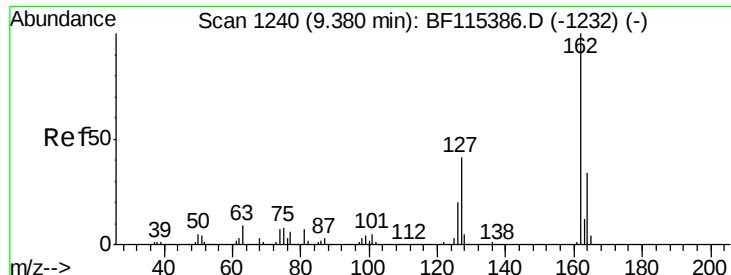
Tgt Ion:154 Resp: 1299586

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	14.6	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

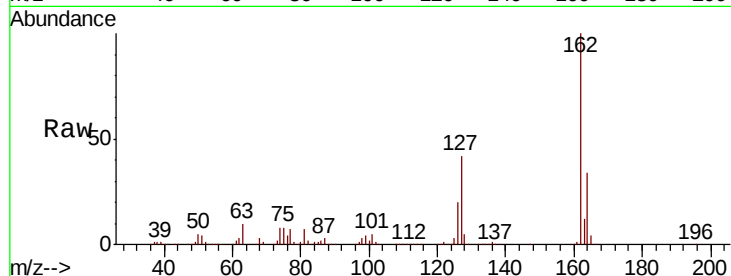




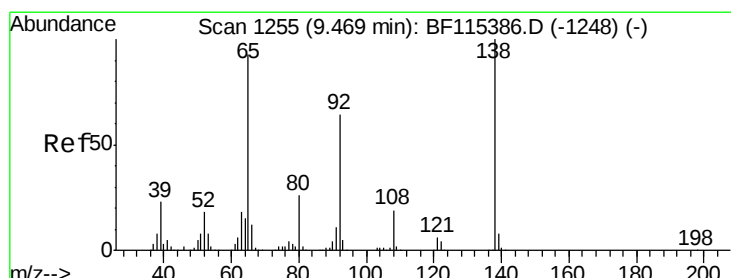
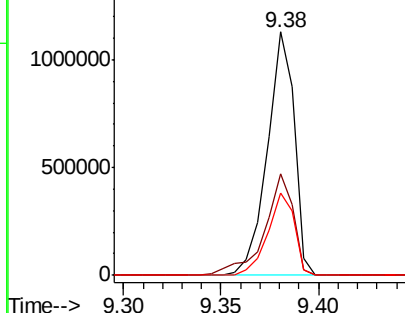
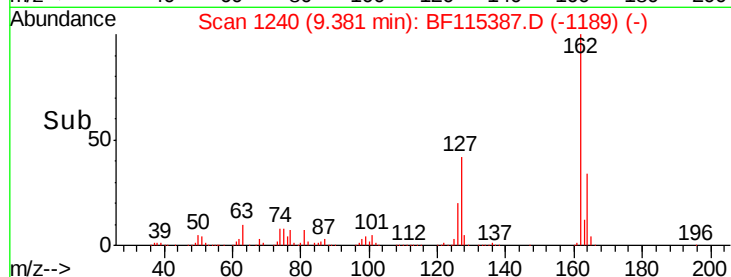
#47
2-Chloronaphthalene
Concen: 50.648 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1080176
Ion Ratio Lower Upper
162 100
127 41.5 32.8 49.2
164 33.8 27.0 40.6

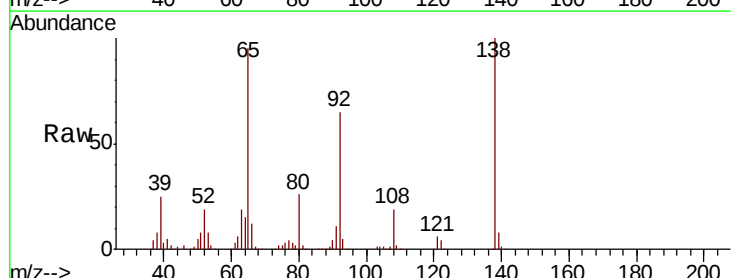


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

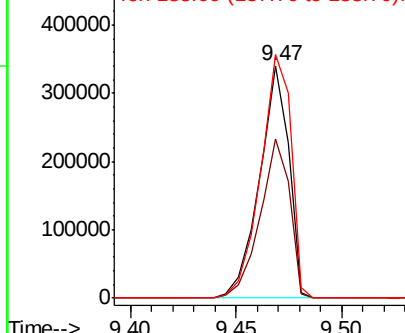
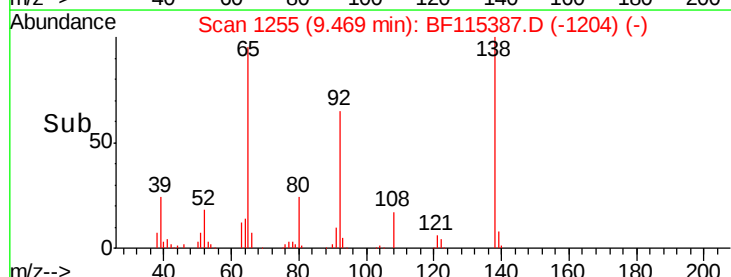


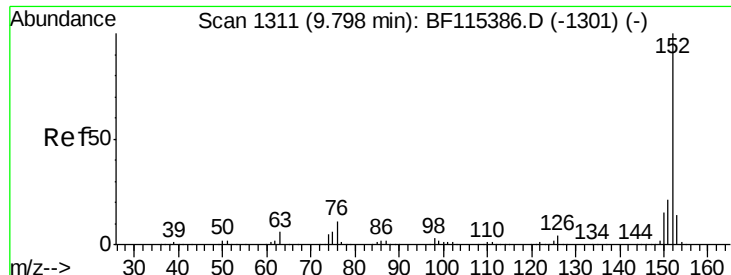
#48
2-Nitroaniline
Concen: 52.887 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion: 65 Resp: 328838
Ion Ratio Lower Upper
65 100
92 68.4 55.4 83.0
138 104.8 85.8 128.8



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: 48.361 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

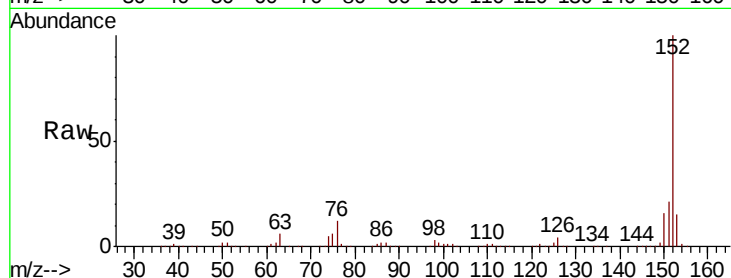
Tot Ion:152 Resp: 1606971

Ion Ratio Lower Upper

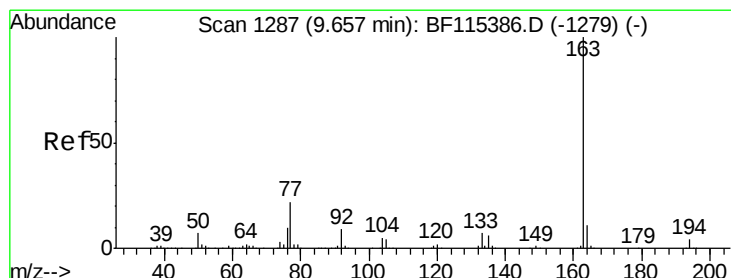
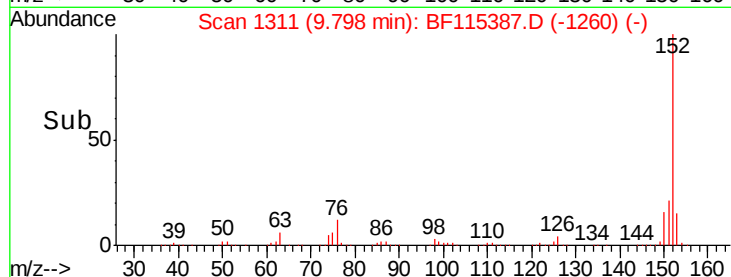
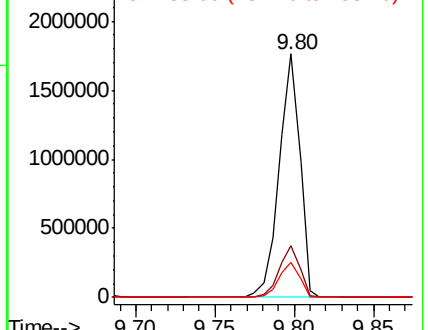
152 100

151 21.3 17.0 25.4

153 14.5 11.4 17.2



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: 50.865 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

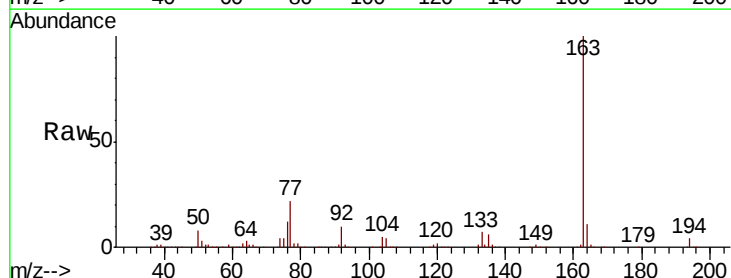
Tgt Ion:163 Resp: 1229695

Ion Ratio Lower Upper

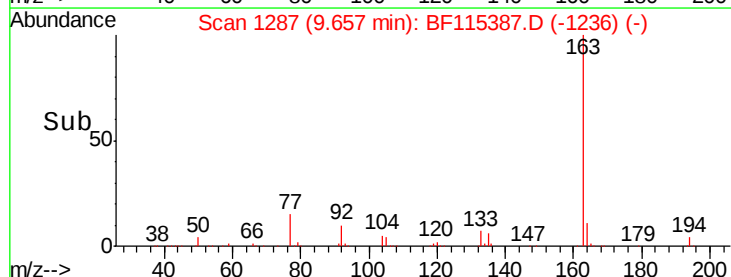
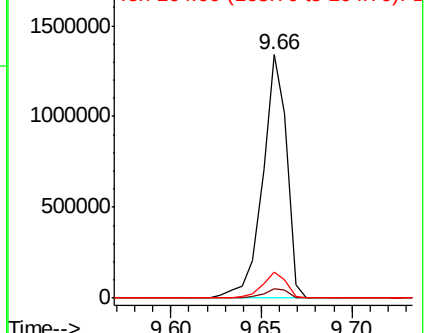
163 100

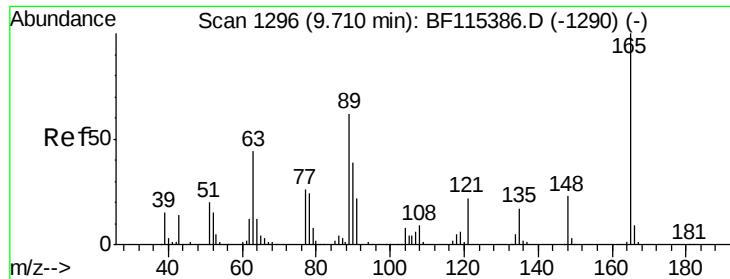
194 4.0 3.2 4.8

164 10.8 8.5 12.7



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

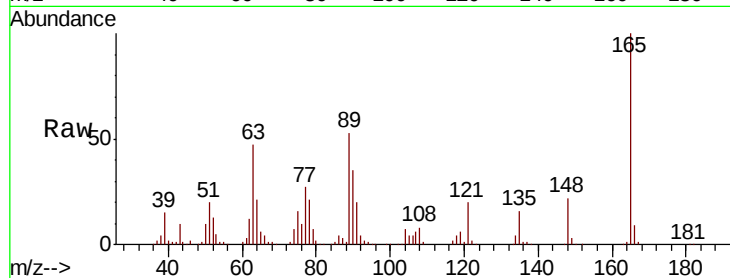




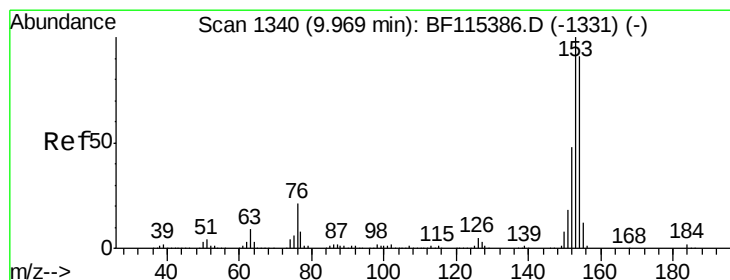
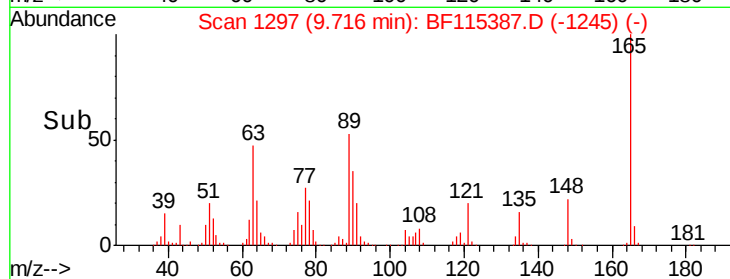
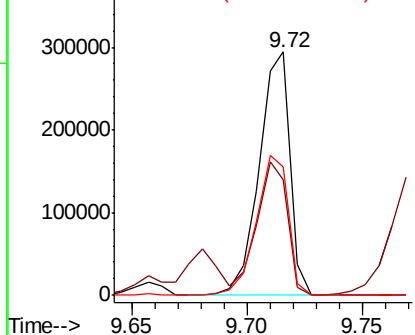
#51
 2,6-Dinitrotoluene
 Concen: 49.067 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 273863
 Ion Ratio Lower Upper
 165 100
 63 47.5 45.8 68.6
 89 52.7 49.9 74.9

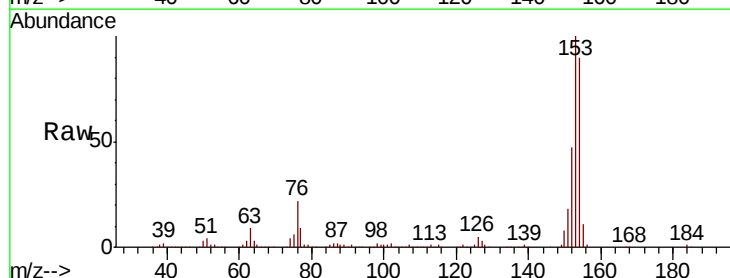


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

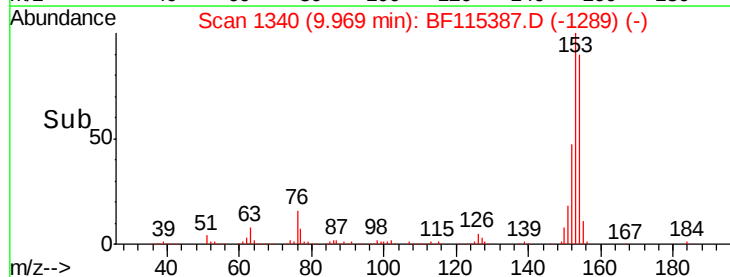
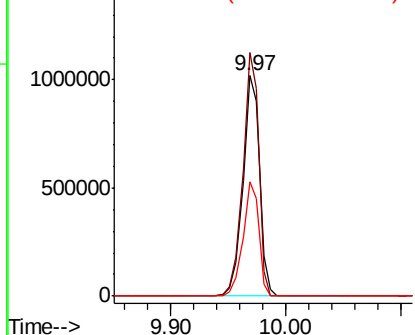


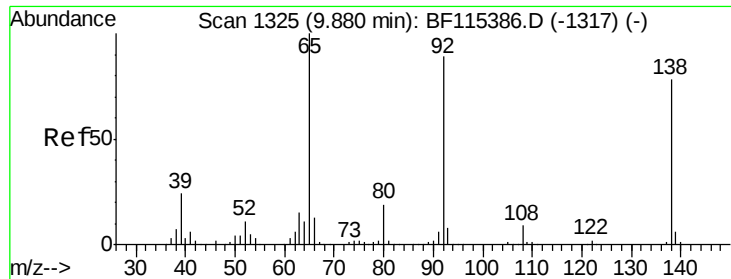
#52
 Acenaphthene
 Concen: 49.008 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:154 Resp: 1019006
 Ion Ratio Lower Upper
 154 100
 153 110.6 87.9 131.9
 152 52.2 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

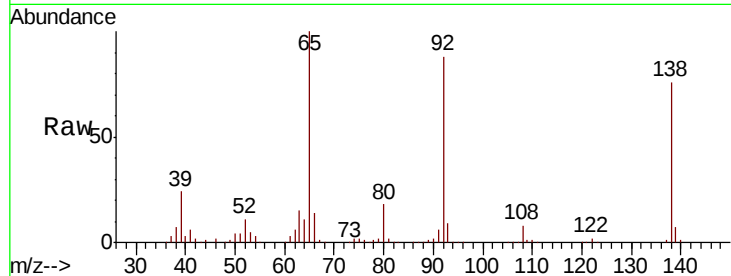




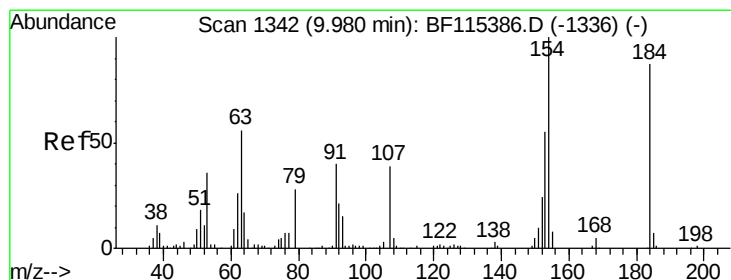
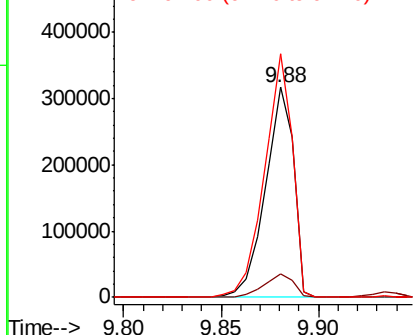
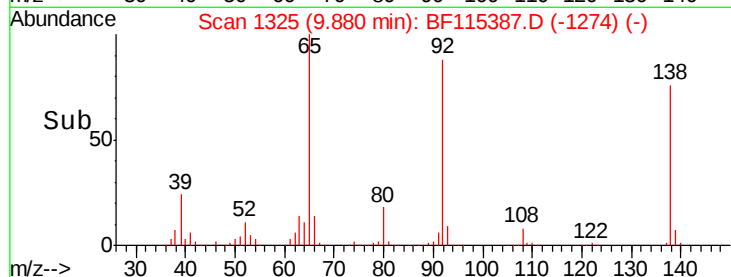
#53
3-Nitroaniline
Concen: 46.633 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 317621
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 115.9 90.5 135.7

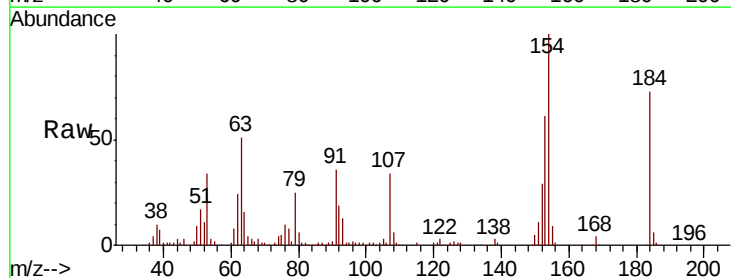


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

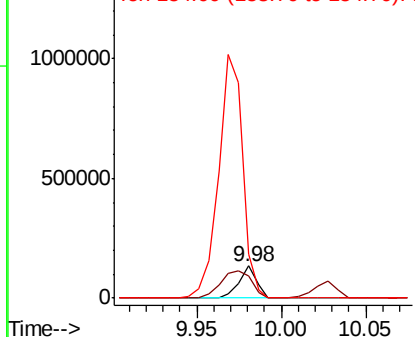
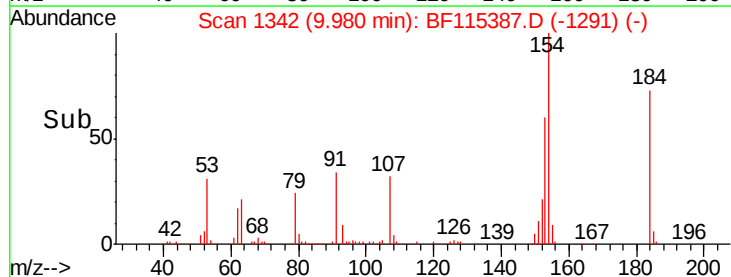


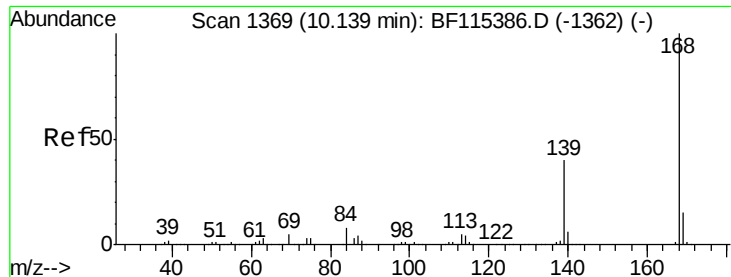
#54
2,4-Dinitrophenol
Concen: 40.065 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:184 Resp: 98644
Ion Ratio Lower Upper
184 100
63 70.1 52.1 78.1
154 136.6 97.7 146.5



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

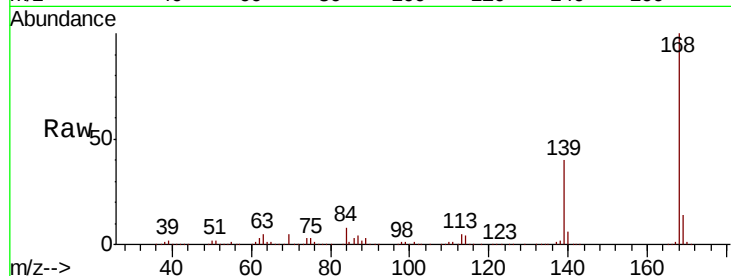




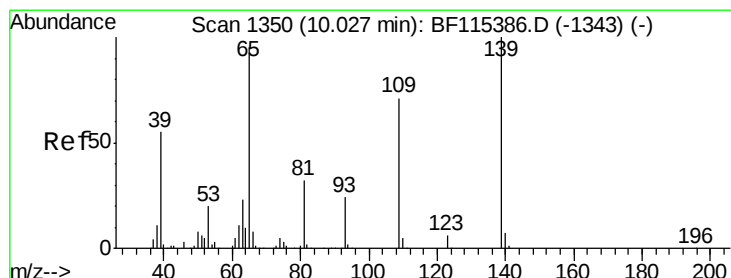
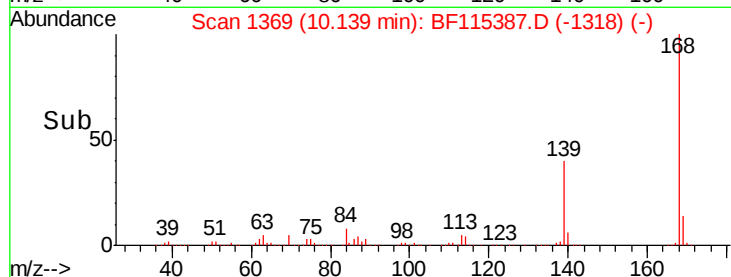
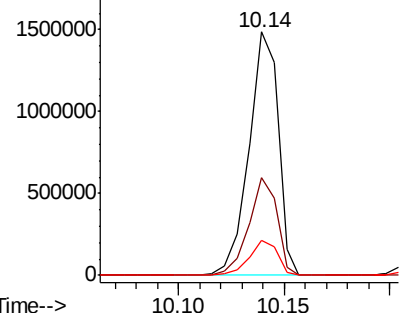
#55
Dibenzofuran
Concen: 48.108 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1435682
Ion Ratio Lower Upper
168 100
139 40.0 32.2 48.2
169 14.2 11.7 17.5

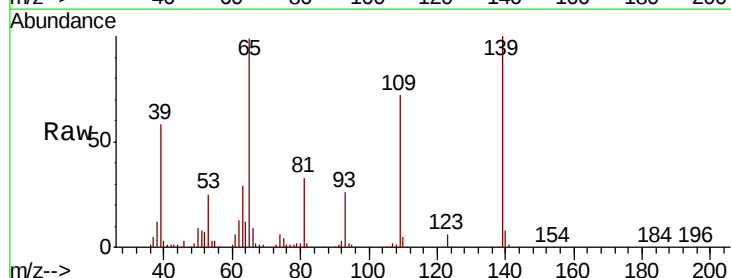


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

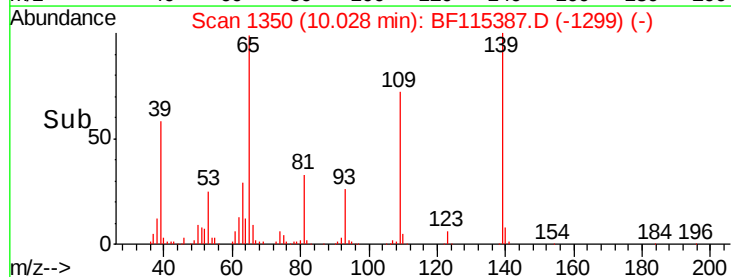
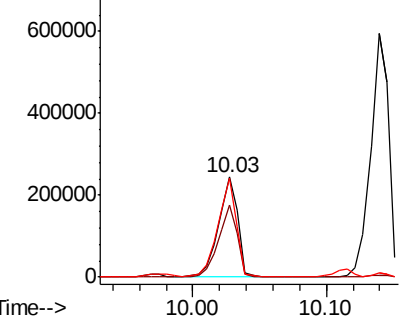


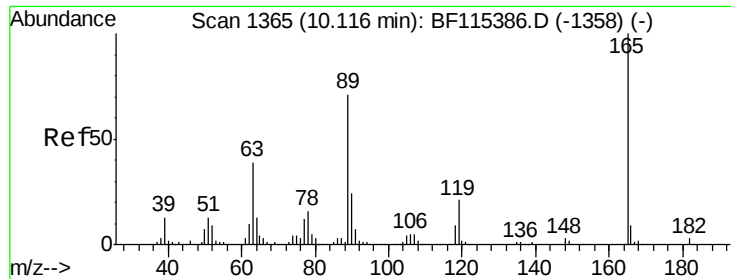
#56
4-Nitrophenol
Concen: 45.153 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:139 Resp: 246555
Ion Ratio Lower Upper
139 100
109 71.5 51.1 91.1
65 99.1 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

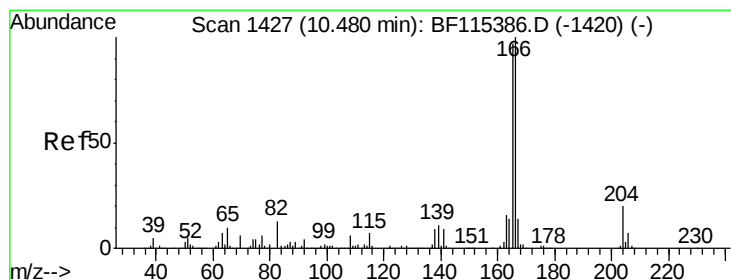
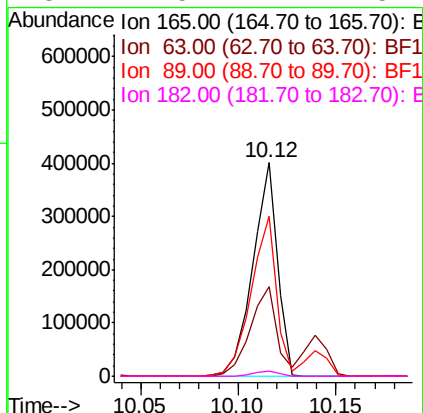
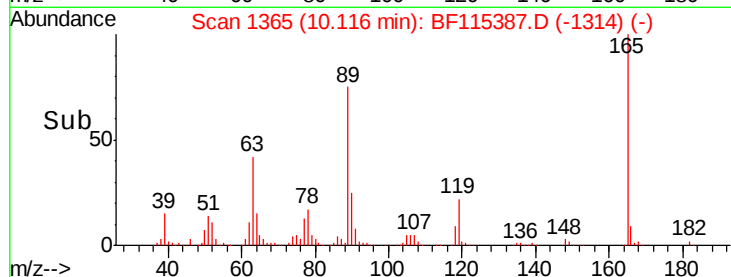
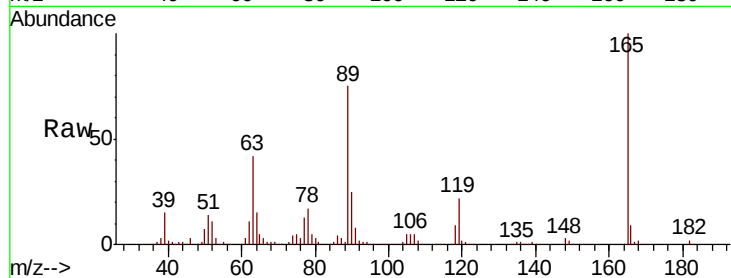




#57
2,4-Dinitrotoluene
Concen: 48.692 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

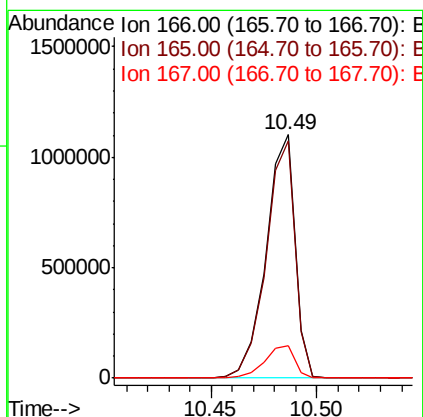
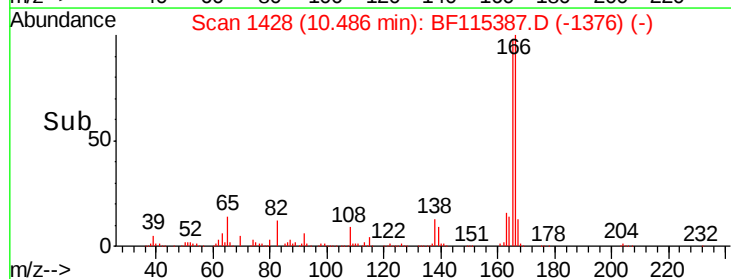
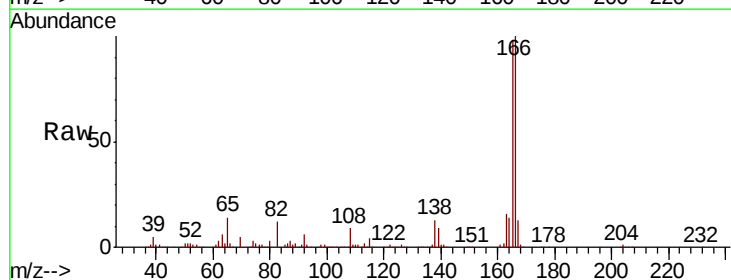
Instrument :
BNA_F
ClientSampleId :

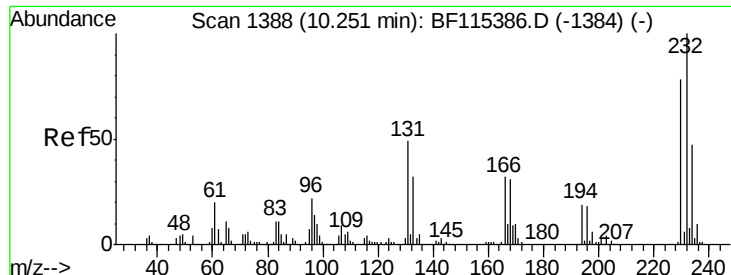
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	31.4	47.0
89	75.0	57.1	85.7
182	2.5	2.2	3.2



#58
Fluorene
Concen: 47.292 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.6
167	13.5	11.0	16.6

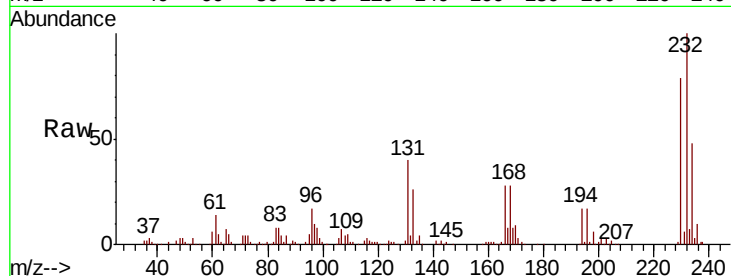




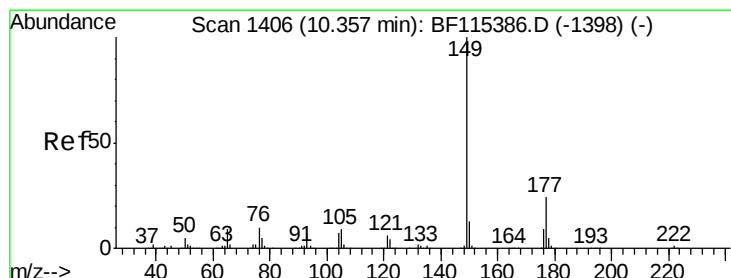
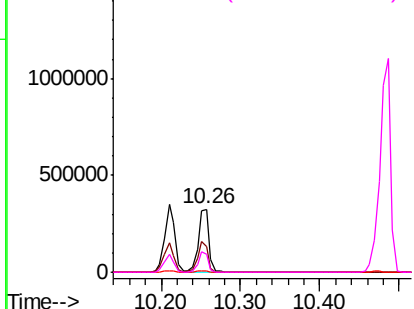
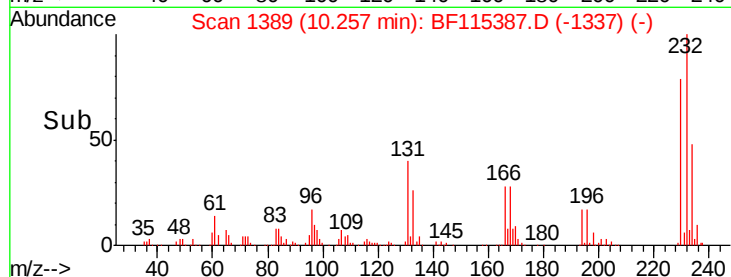
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.403 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 312013
 Ion Ratio Lower Upper
 232 100
 131 46.3 36.6 55.0
 130 2.4 1.8 2.8
 166 30.9 24.6 36.8

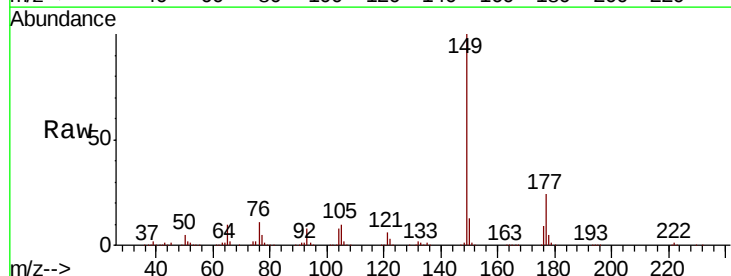


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

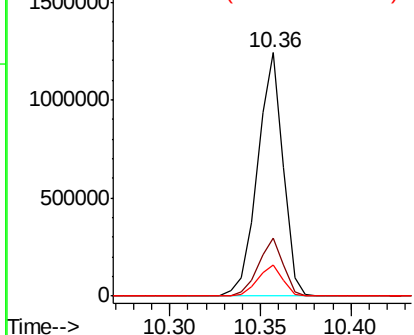
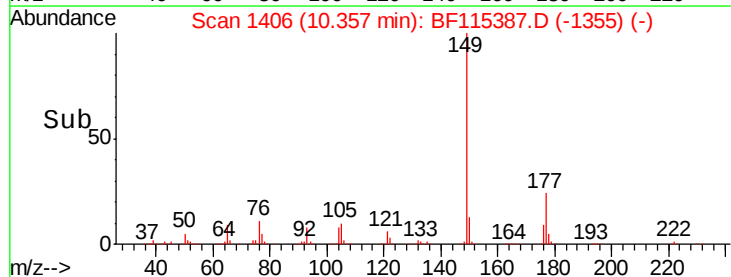


#60
 Diethylphthalate
 Concen: 49.881 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:149 Resp: 1212180
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.8 28.2
 150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

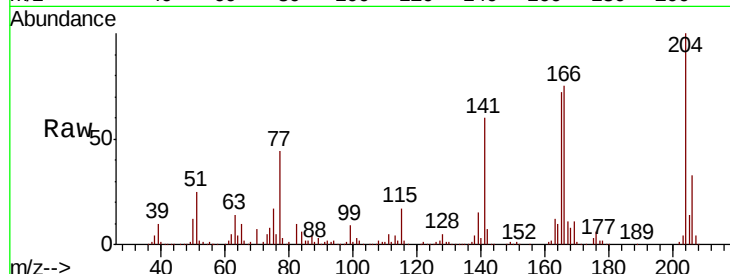




#61
 4-Chlorophenyl-phenylether
 Concen: 49.984 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	59.6	45.8	68.6

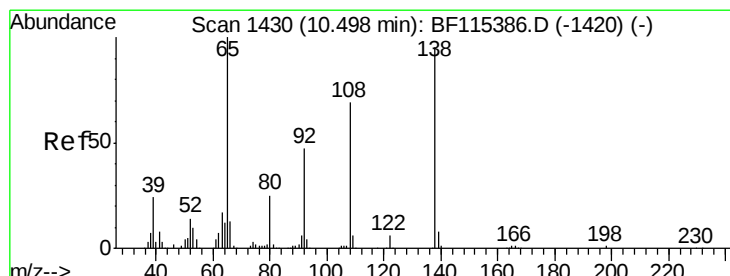
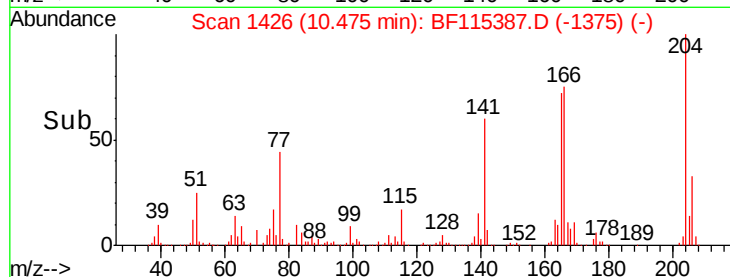
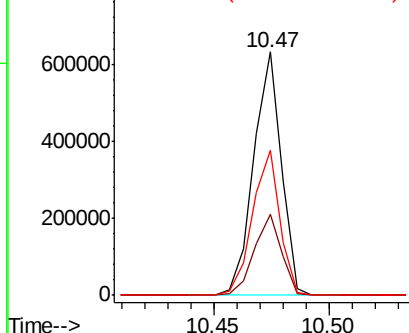


Abundance

Ion 204.00 (203.70 to 204.70): E

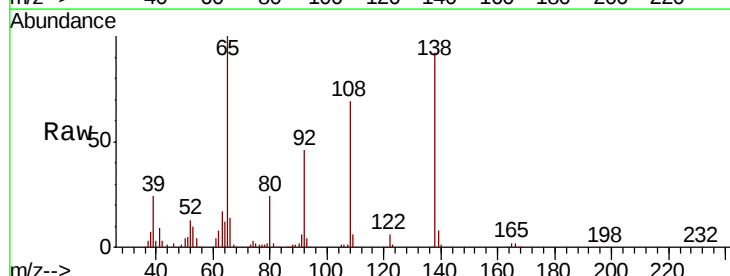
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 44.918 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.3	69.3
108	74.8	53.2	93.2

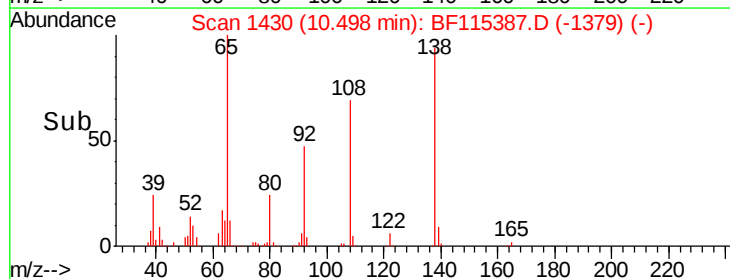
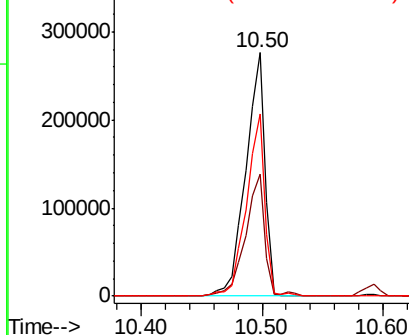


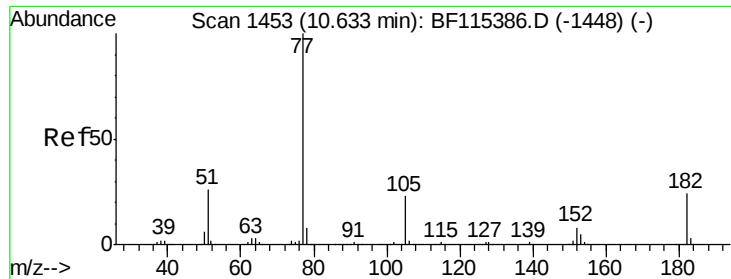
Abundance

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: 54.629 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1239982

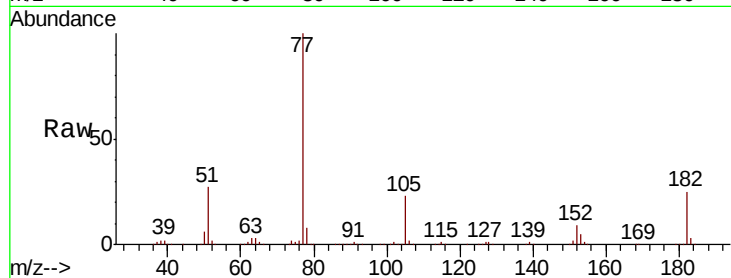
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.1	44.1
105	23.0	2.6	42.6
51	26.7	6.4	46.4

77 100

182 24.7 4.1 44.1

105 23.0 2.6 42.6

51 26.7 6.4 46.4

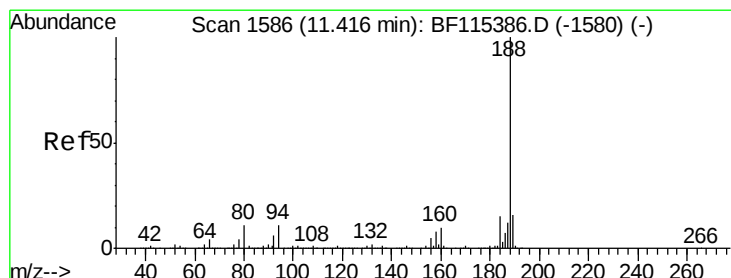
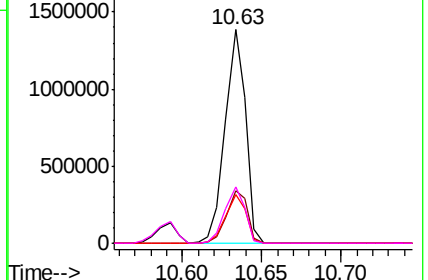
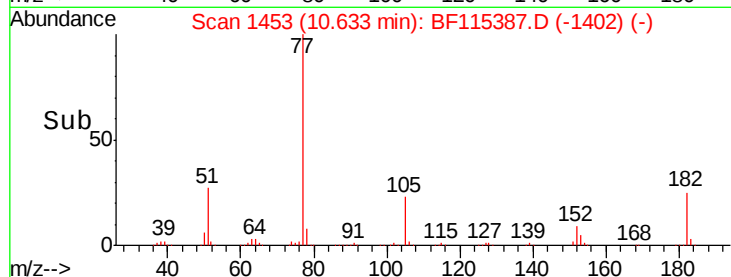


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

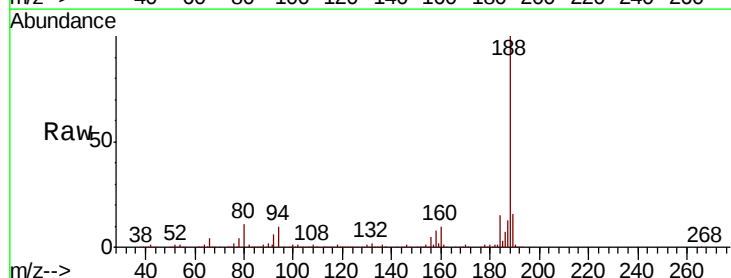
Tgt Ion: 188 Resp: 626742

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.1	13.7

188 100

94 10.1 8.5 12.7

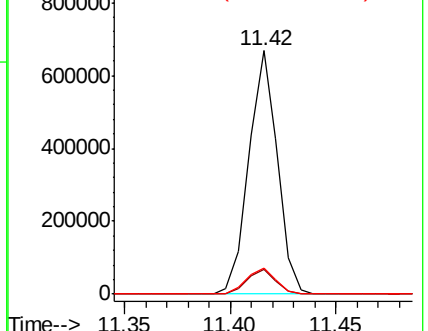
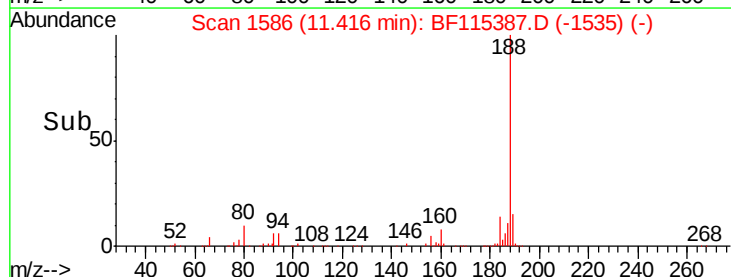
80 10.8 9.1 13.7

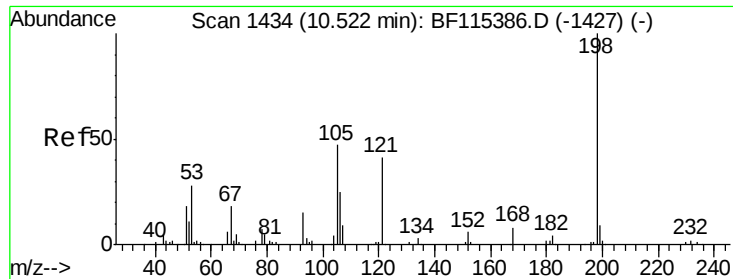


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

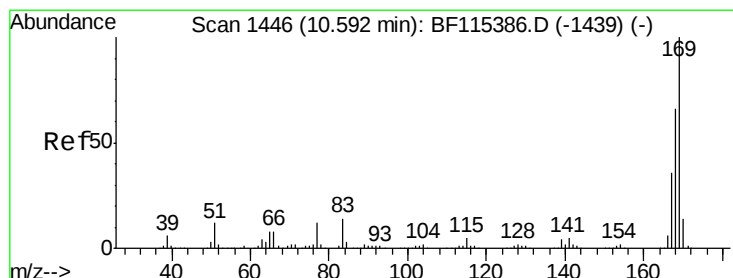
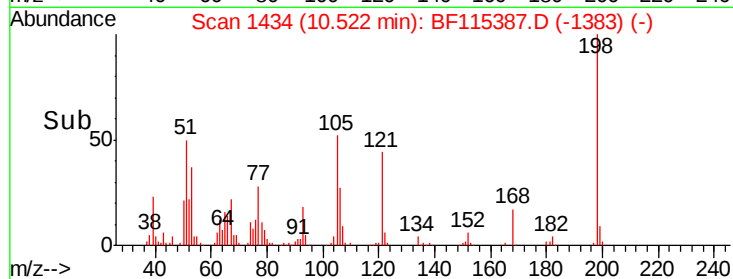
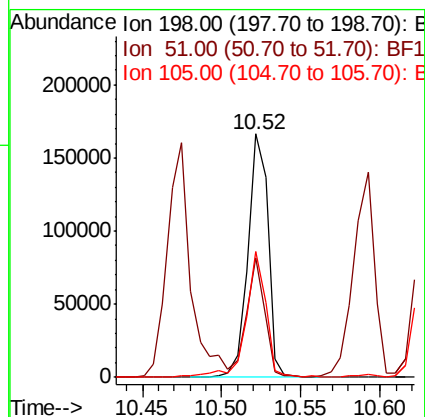
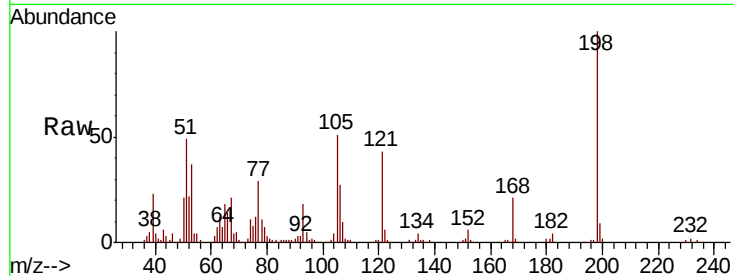




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.689 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

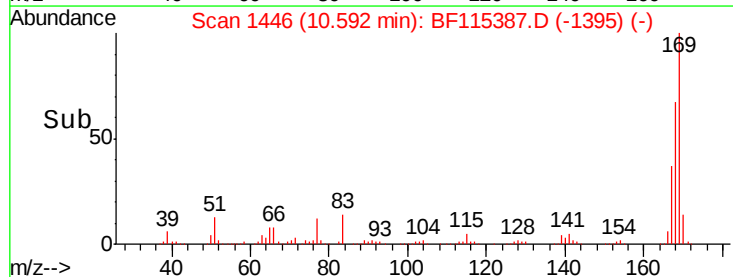
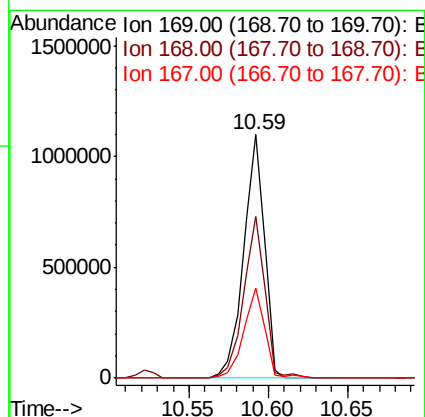
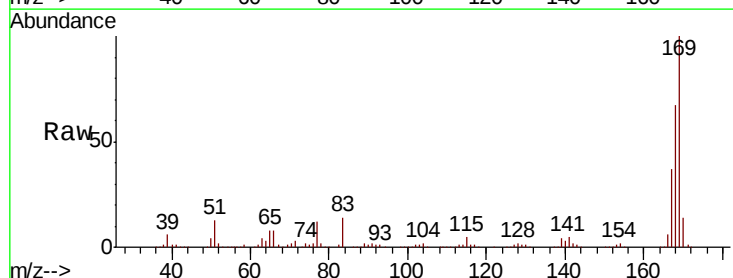
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 145726
 Ion Ratio Lower Upper
 198 100
 51 49.2 25.4 65.4
 105 51.5 27.9 67.9



#66
 n-Nitrosodiphenylamine
 Concen: 50.867 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:169 Resp: 993231
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.6 79.0
 167 36.8 29.2 43.8

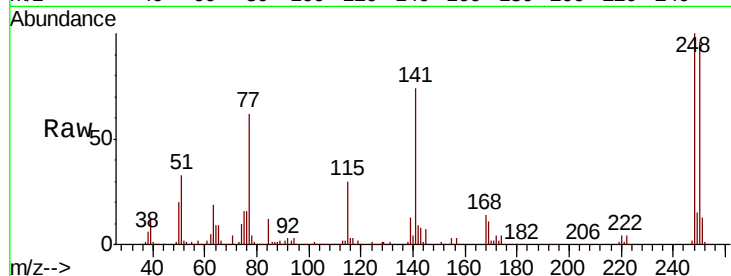




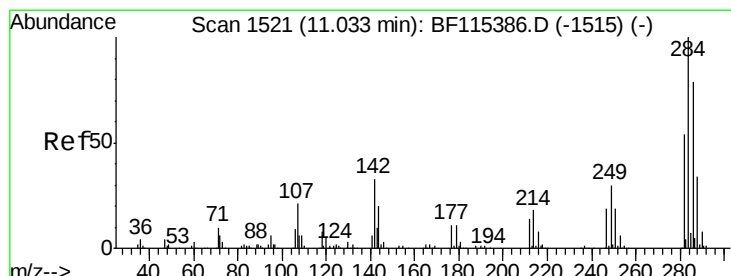
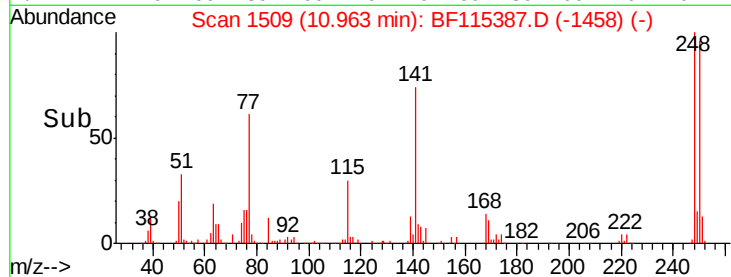
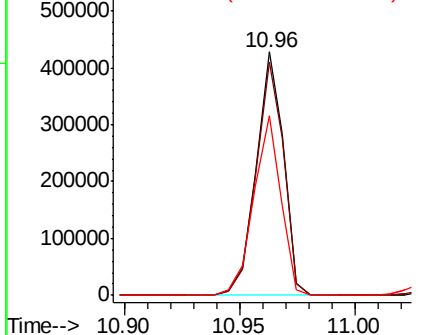
#67
 4-Bromophenyl-phenylether
 Concen: 52.176 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 354543
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.3 115.9
 141 73.6 58.5 87.7

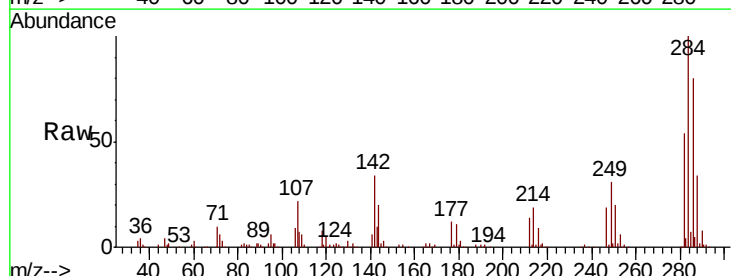


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

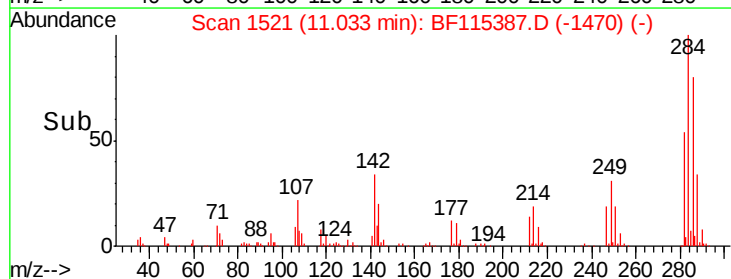
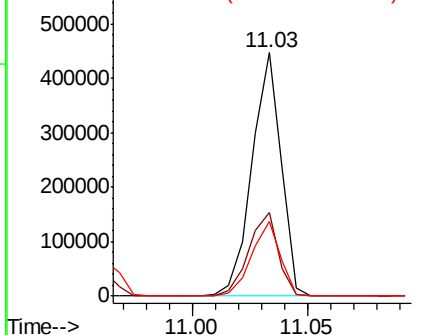


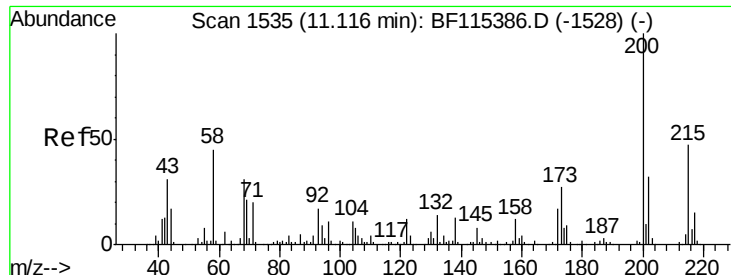
#68
 Hexachlorobenzene
 Concen: 53.419 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:284 Resp: 394007
 Ion Ratio Lower Upper
 284 100
 142 34.2 26.5 39.7
 249 30.9 24.2 36.2



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: 49.471 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

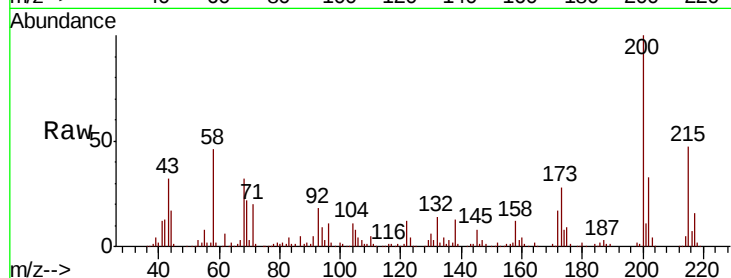
Tot Ion:200 Resp: 310736

Ion Ratio Lower Upper

200 100

173 27.7 7.1 47.1

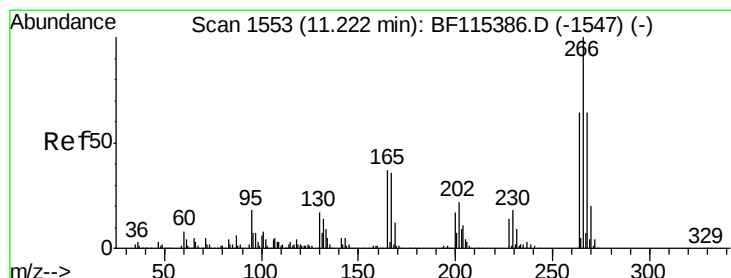
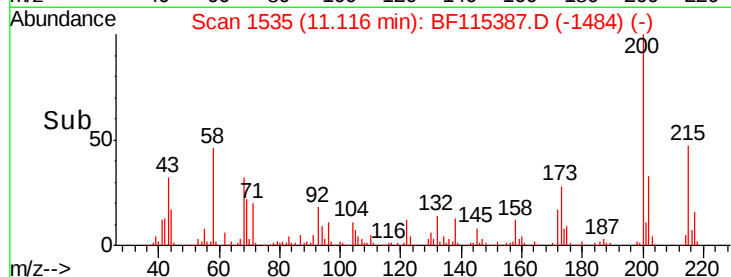
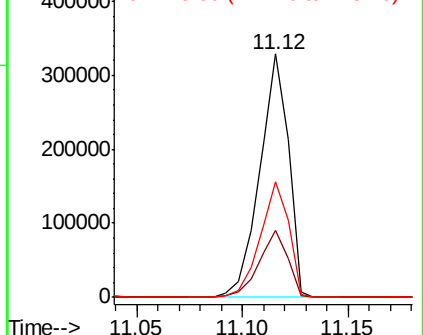
215 47.4 27.5 67.5



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: 52.904 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

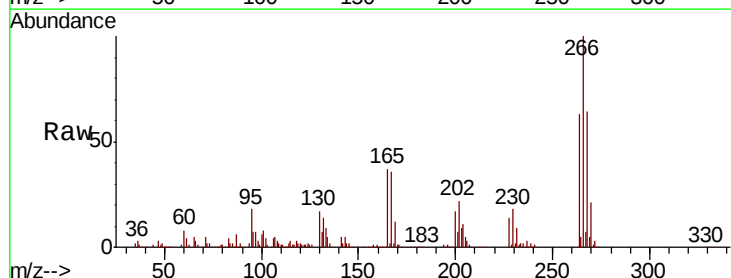
Tgt Ion:266 Resp: 248591

Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

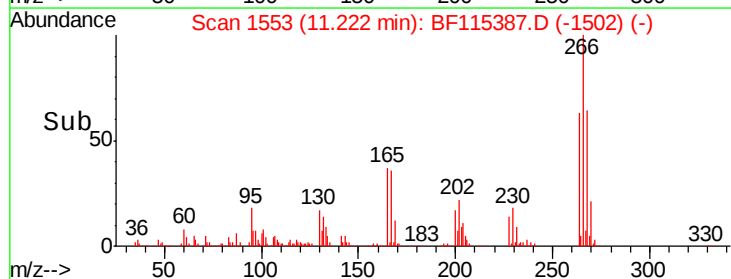
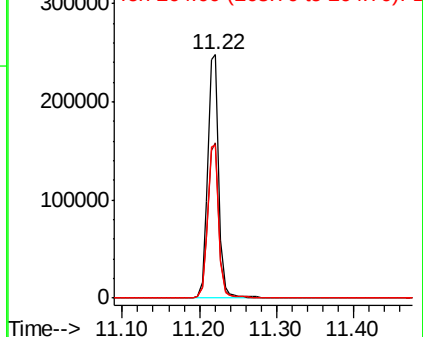
264 62.8 51.6 77.4

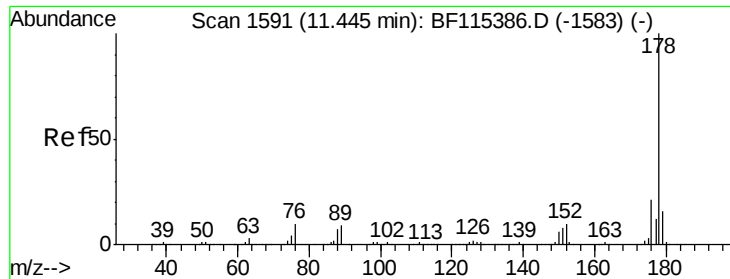


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

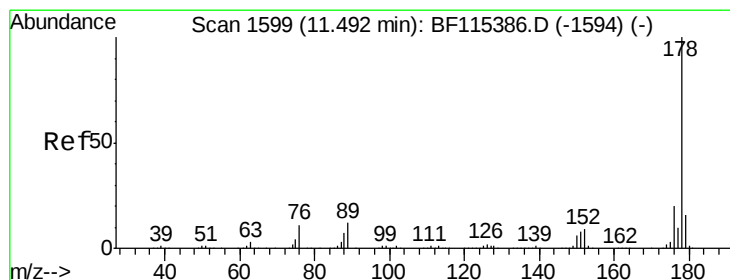
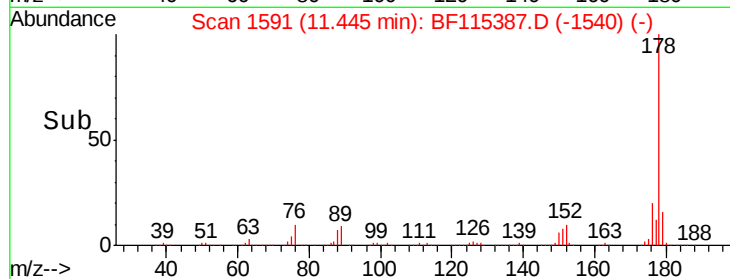
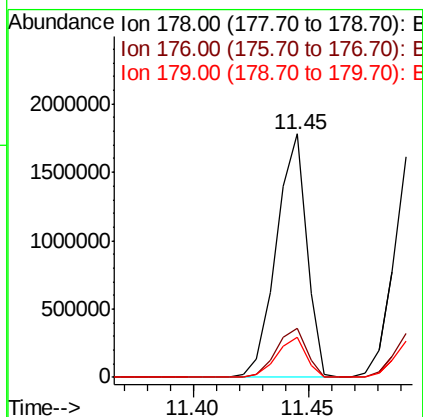
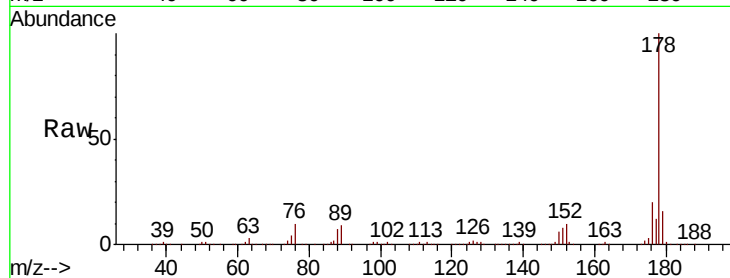




#71
Phenanthrene
Concen: 48.187 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

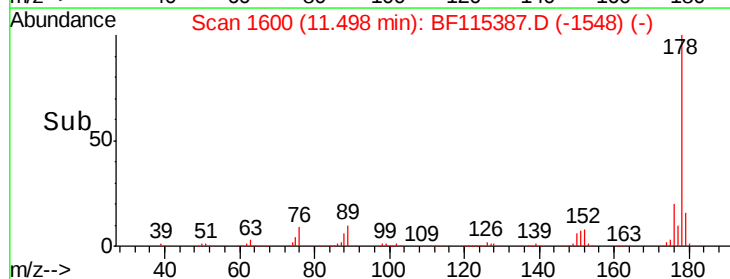
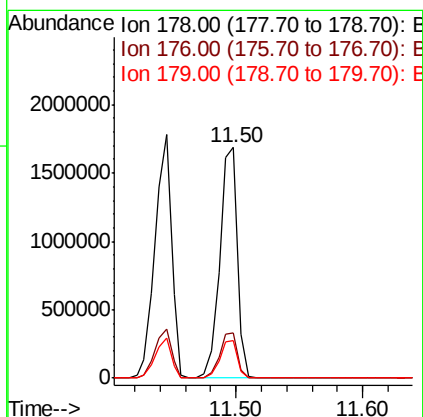
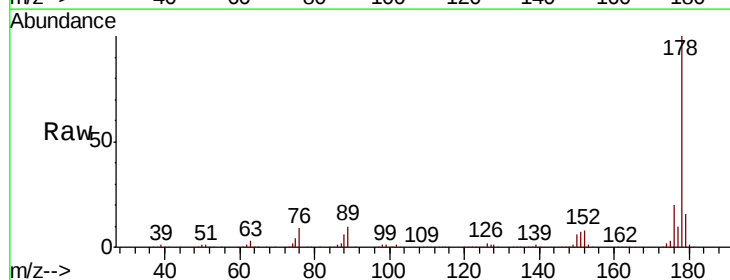
Instrument :
BNA_F
ClientSampled :

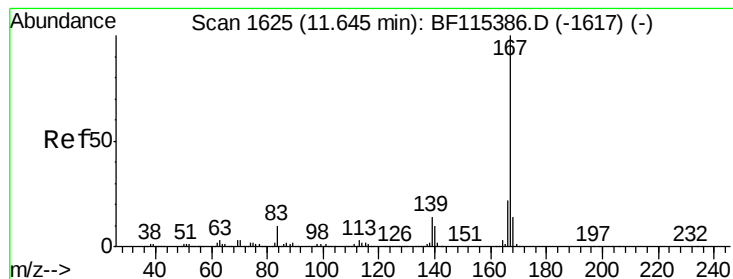
Tot Ion:178 Resp: 1626069
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 16.3 13.0 19.6



#72
Anthracene
Concen: 48.114 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:178 Resp: 1638894
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.0 13.1 19.7





#73

Carbazole

Concen: 48.925 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

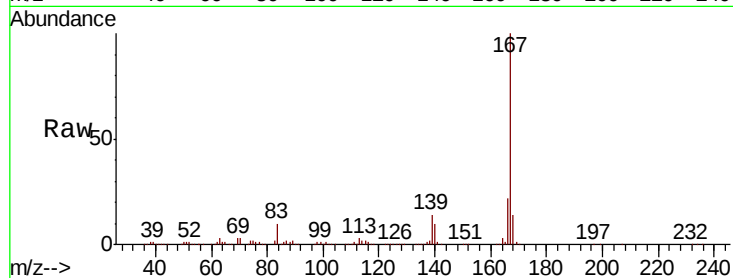
Tot Ion:167 Resp: 1488143

Ion Ratio Lower Upper

167 100

166 22.4 17.9 26.9

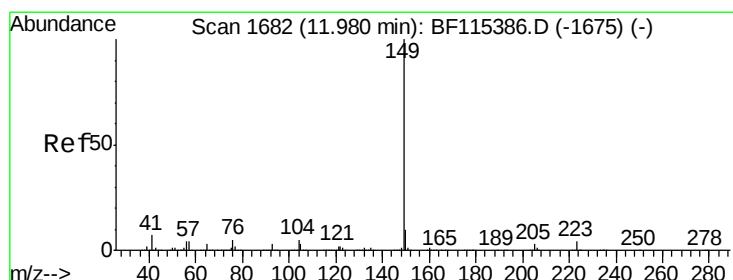
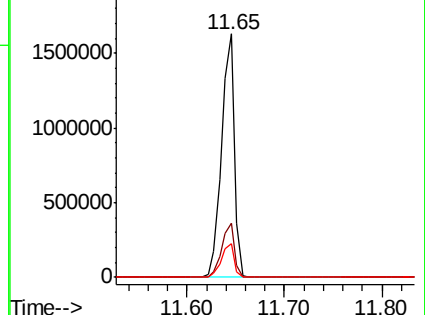
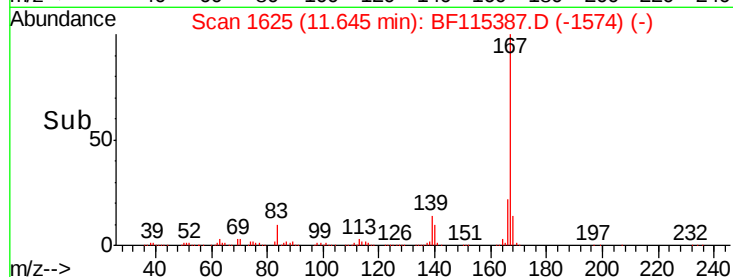
139 13.8 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.701 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

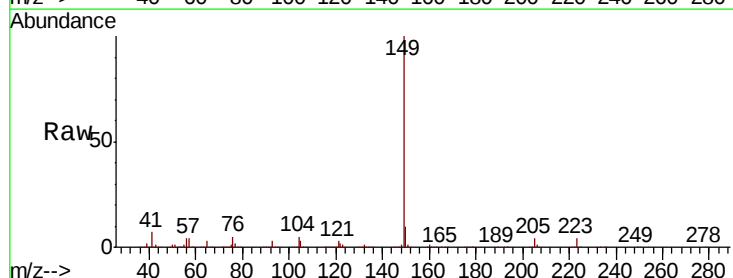
Tgt Ion:149 Resp: 1817203

Ion Ratio Lower Upper

149 100

150 10.1 8.0 12.0

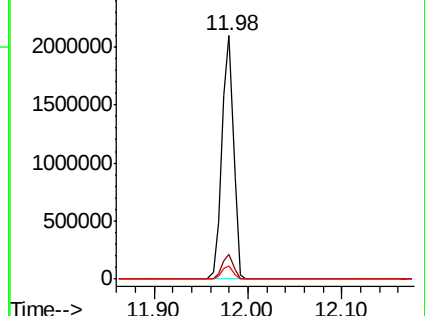
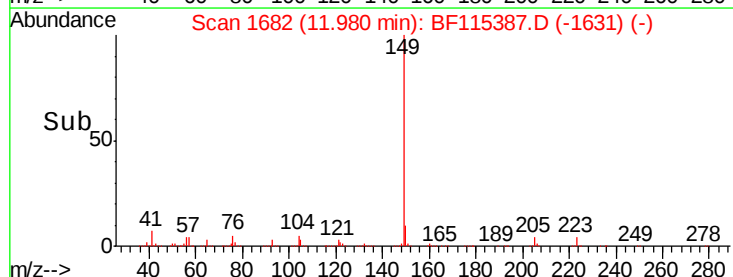
104 5.5 4.4 6.6

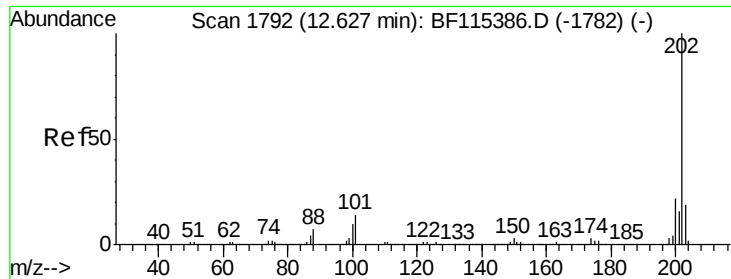


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.992 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

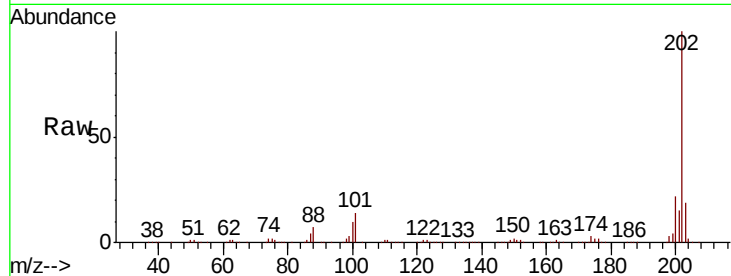
Tot Ion:202 Resp: 1716825

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.0

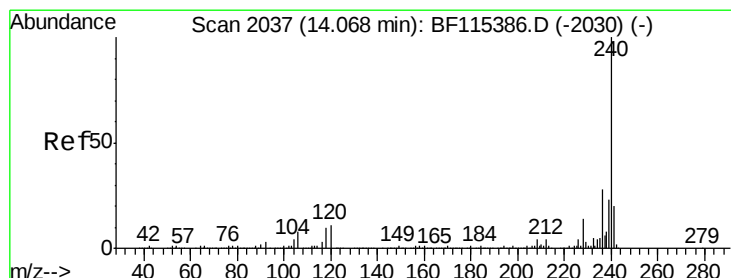
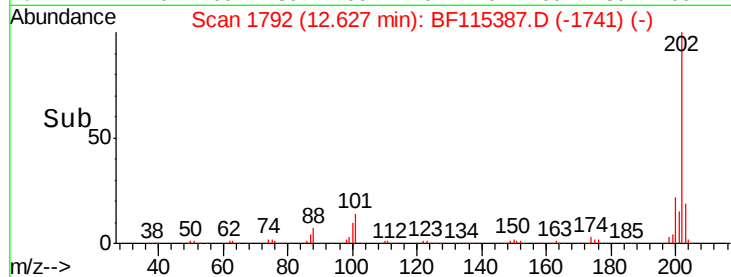
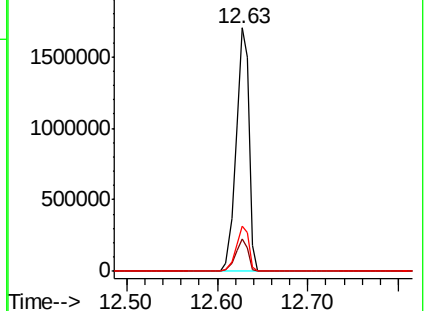
203 18.5 0.0 38.5



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

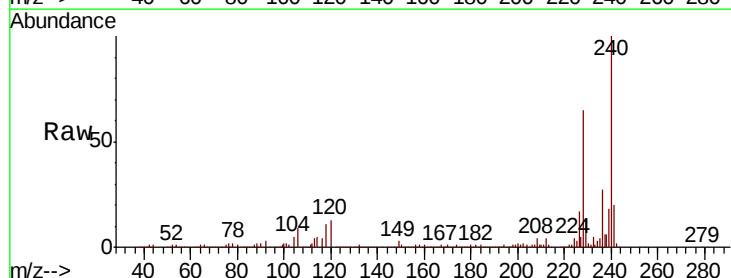
Tgt Ion:240 Resp: 452862

Ion Ratio Lower Upper

240 100

120 12.9 9.1 13.7

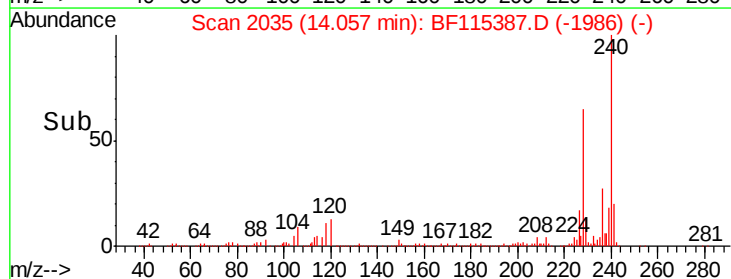
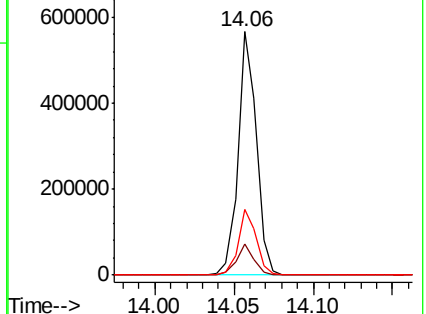
236 26.7 22.5 33.7

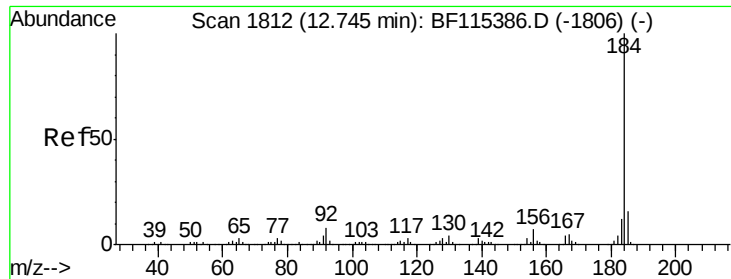


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

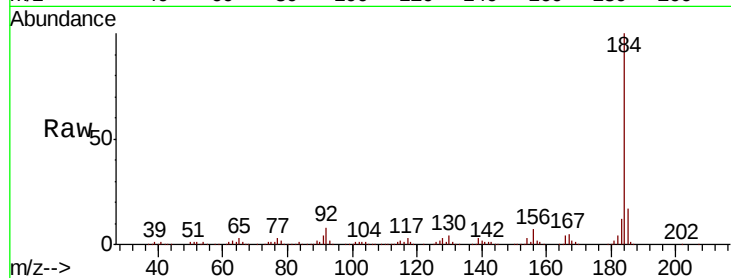




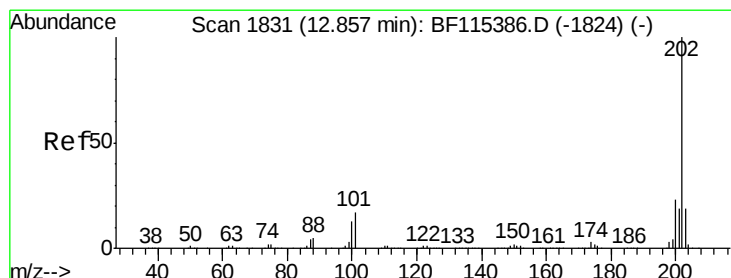
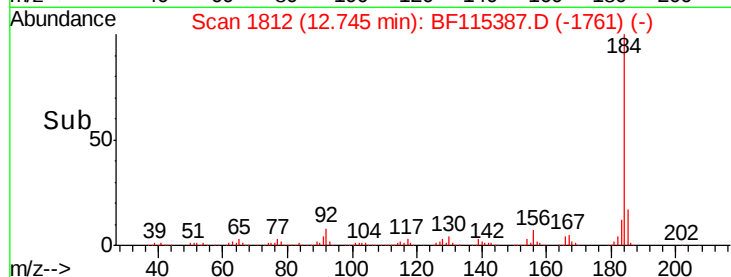
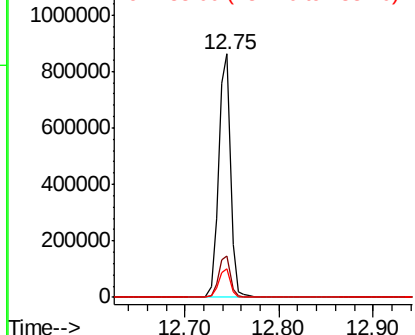
#77
Benzidine
Concen: 38.346 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 771098
Ion Ratio Lower Upper
184 100
185 17.0 12.6 18.8
183 11.8 9.4 14.0

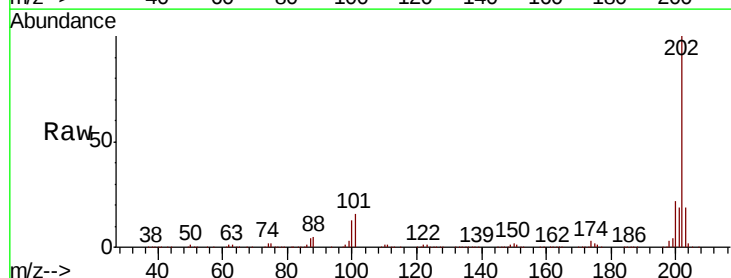


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

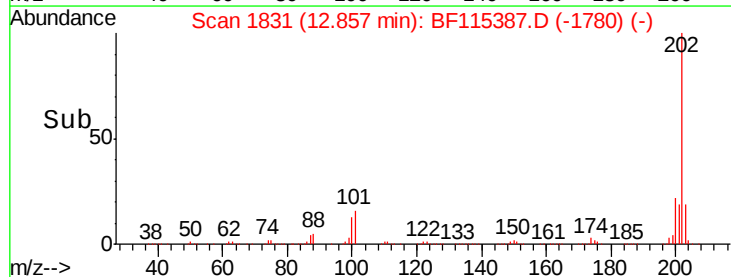
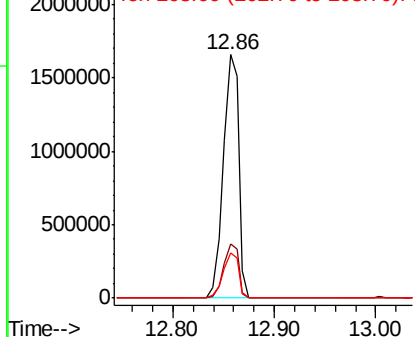


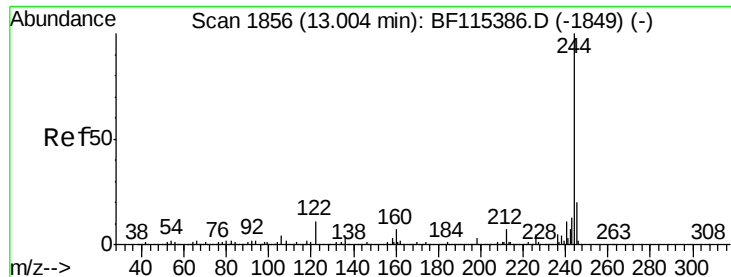
#78
Pyrene
Concen: 50.063 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:202 Resp: 1742318
Ion Ratio Lower Upper
202 100
200 22.4 18.2 27.4
203 18.6 14.8 22.2



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: 100.531 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

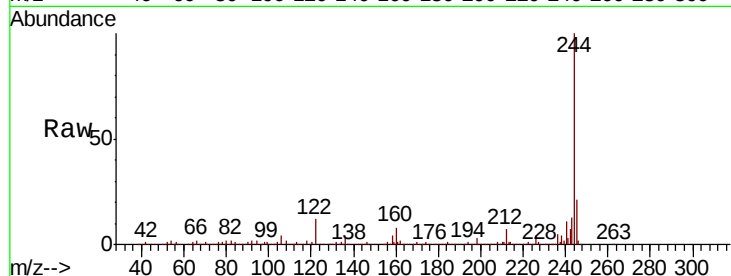
Tot Ion:244 Resp: 2141268

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

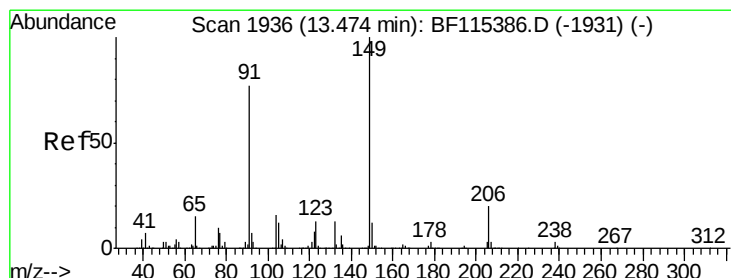
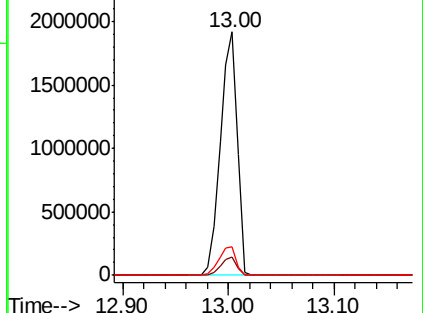
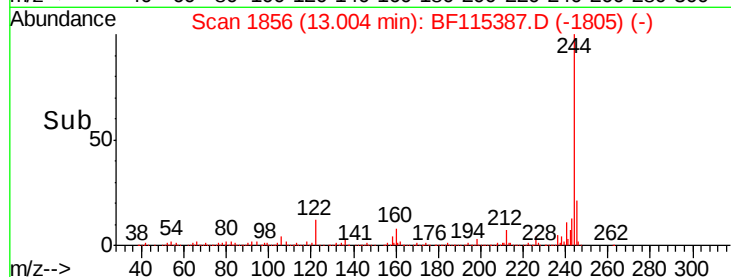
122 11.7 9.1 13.7



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: 50.493 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

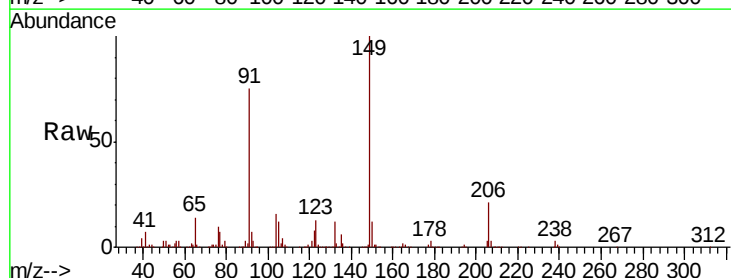
Tgt Ion:149 Resp: 775507

Ion Ratio Lower Upper

149 100

91 74.6 61.4 92.0

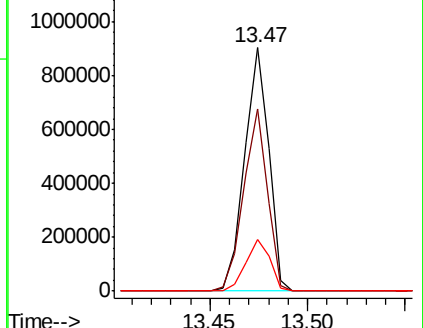
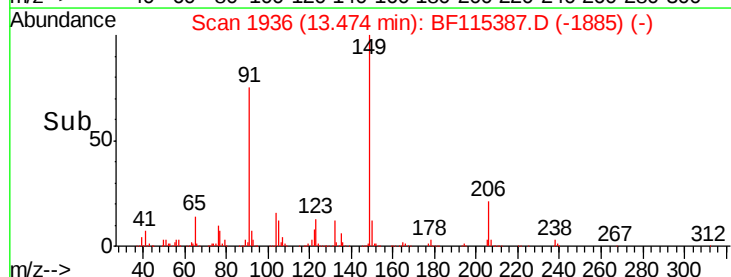
206 21.0 16.1 24.1

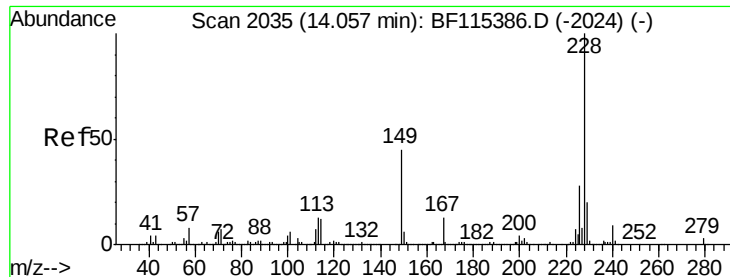


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.553 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

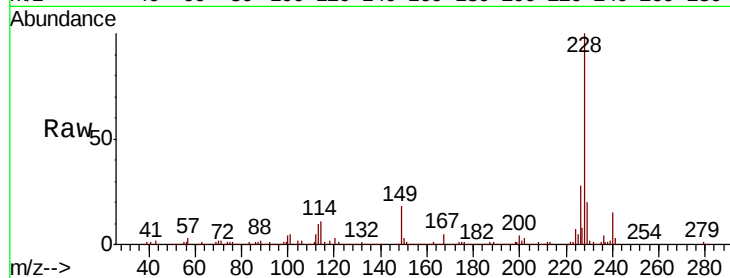
Tot Ion:228 Resp: 1415225

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

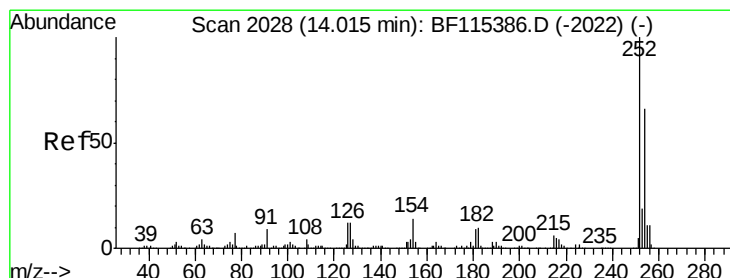
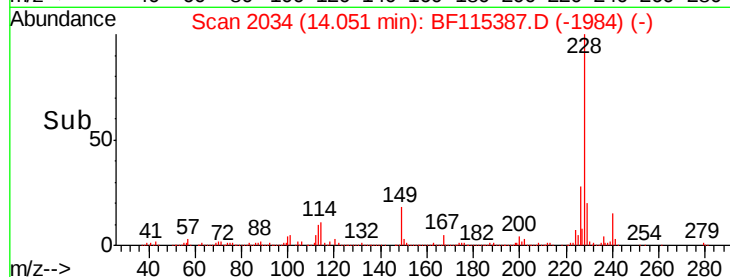
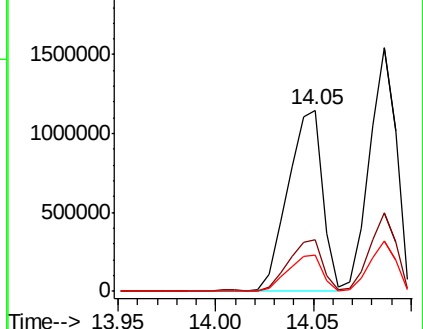
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.353 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

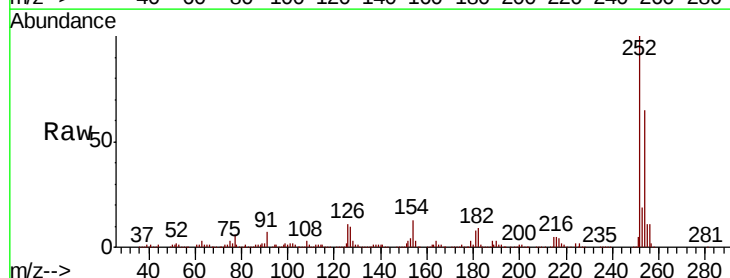
Tgt Ion:252 Resp: 532180

Ion Ratio Lower Upper

252 100

254 64.7 53.0 79.4

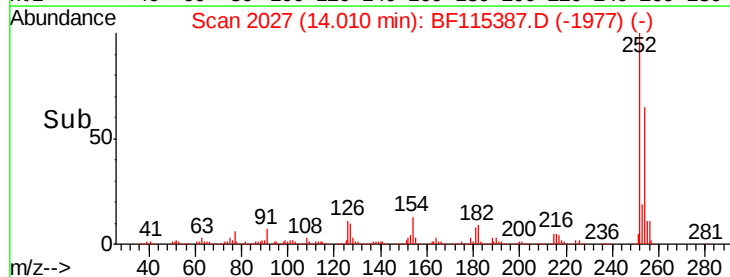
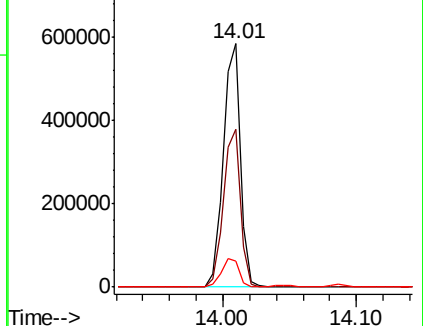
126 10.6 9.8 14.8

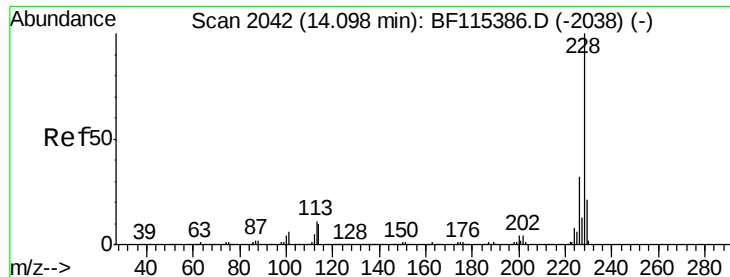


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

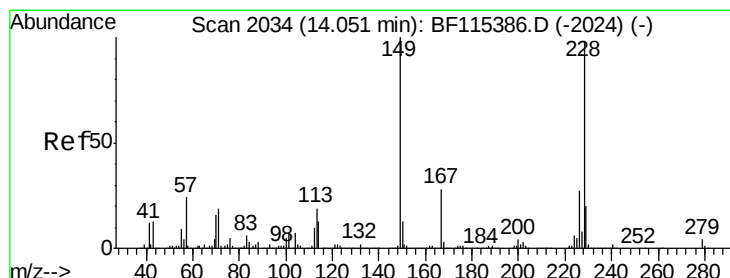
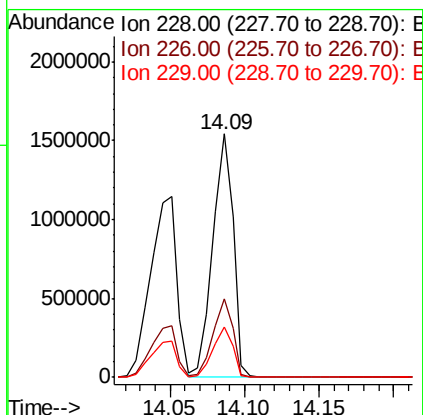
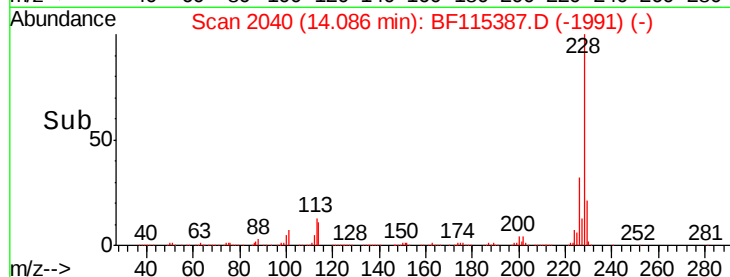
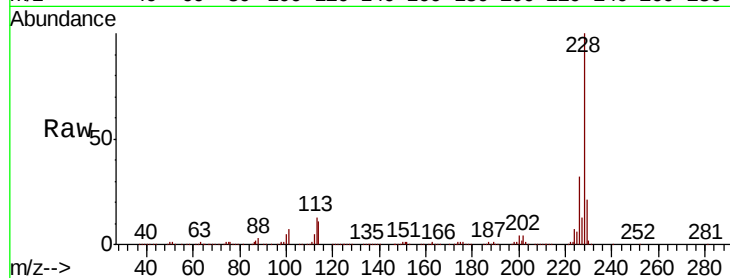




#83
 Chrvsene
 Concen: 49.364 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

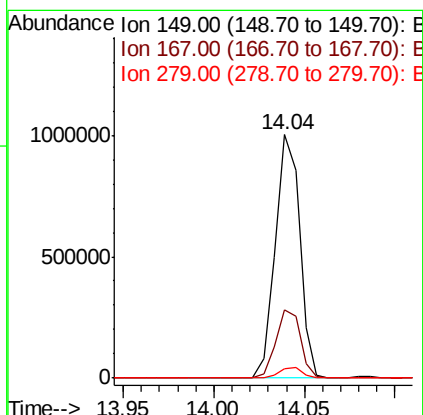
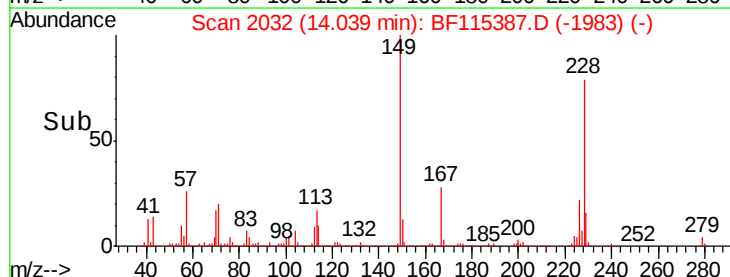
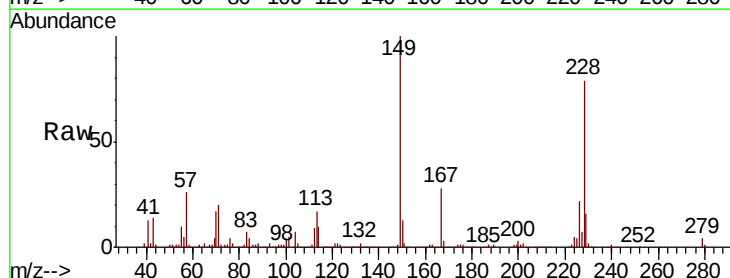
Instrument :
 BNA_F
 ClientSampleId :

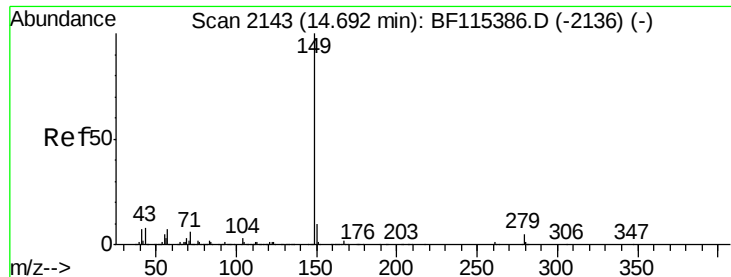
Tot Ion:228 Resp: 1469333
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 20.7 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.833 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115387.D
 Acq: 5 Jul 2019 10:15

Tgt Ion:149 Resp: 942511
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 3.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.331 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

Instrument :

BNA_F

ClientSampleId :

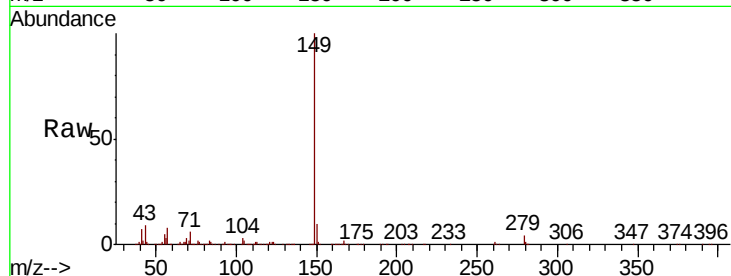
Tot Ion:149 Resp: 1735676

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

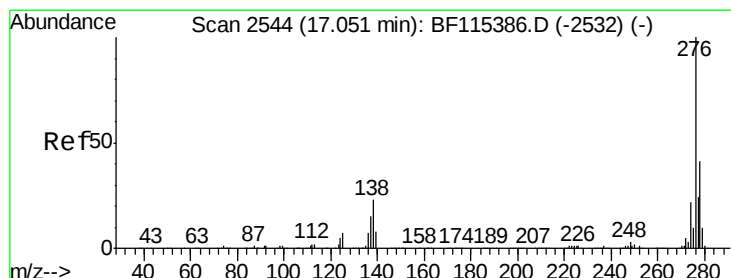
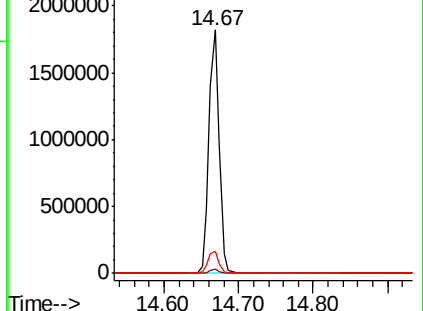
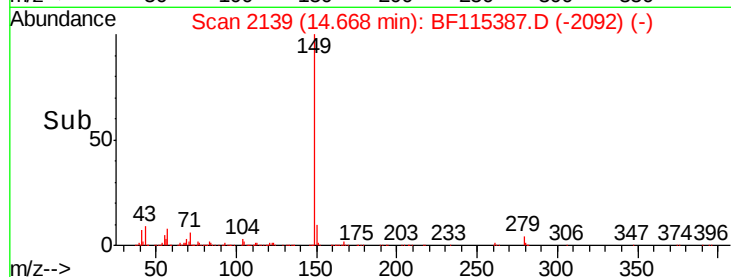
43 9.6 7.6 11.4



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: 36.763 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.03 min

Lab File: BF115387.D

Acq: 5 Jul 2019 10:15

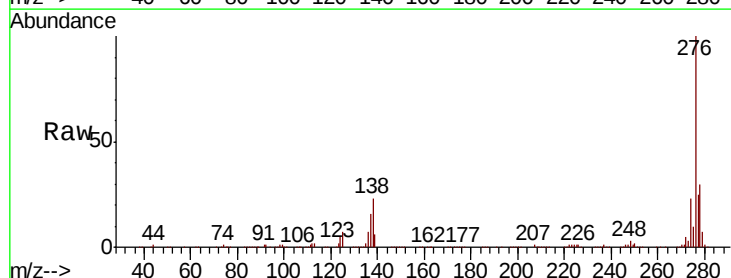
Tgt Ion:276 Resp: 1294844

Ion Ratio Lower Upper

276 100

138 25.4 0.0 0.0#

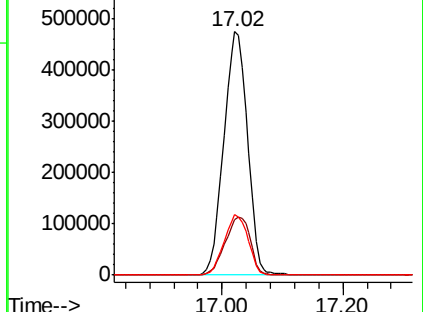
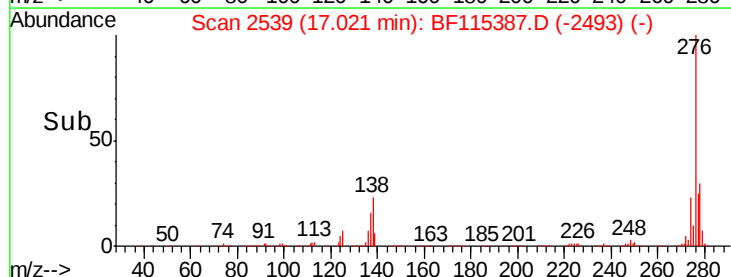
277 25.0 0.0 0.0#

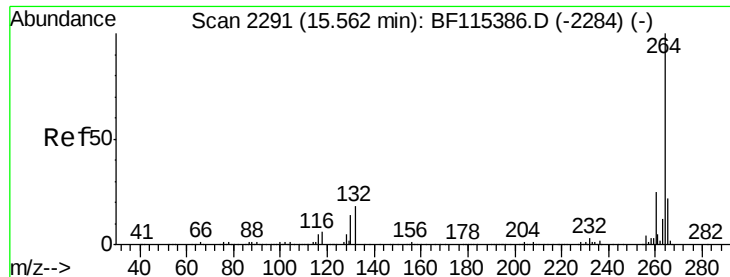


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



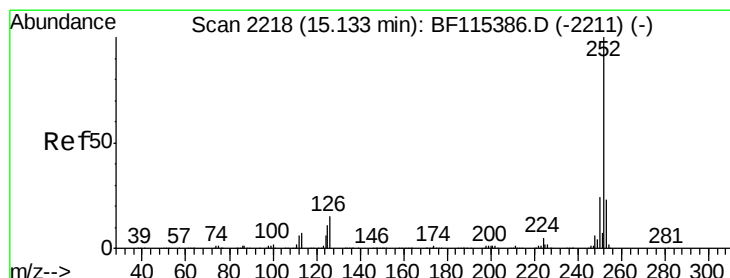
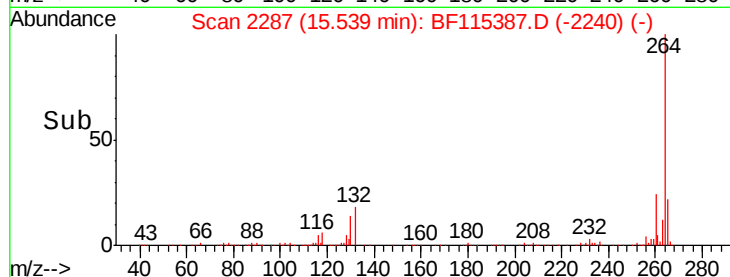
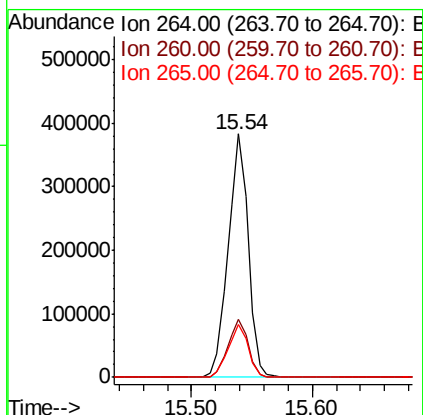
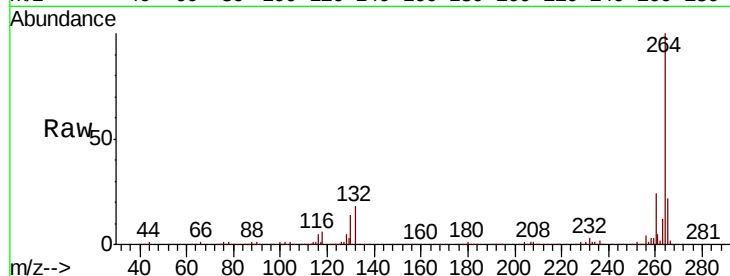


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 443342

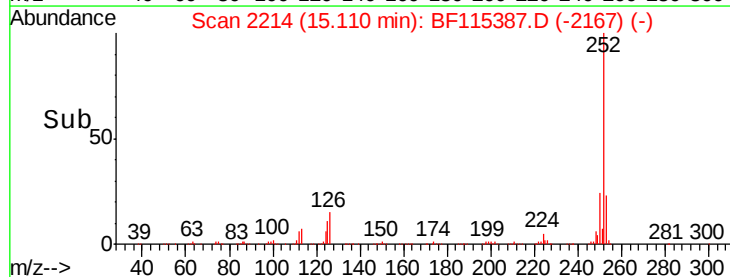
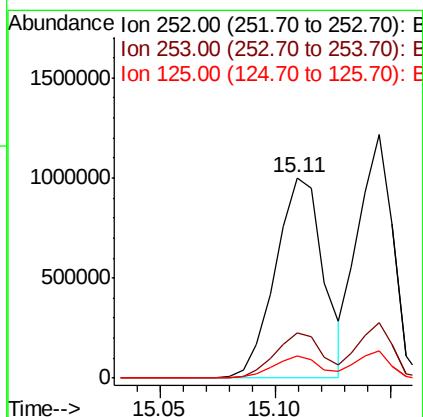
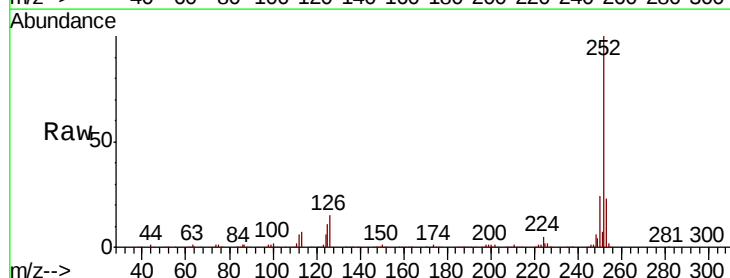
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.8	17.4	26.2

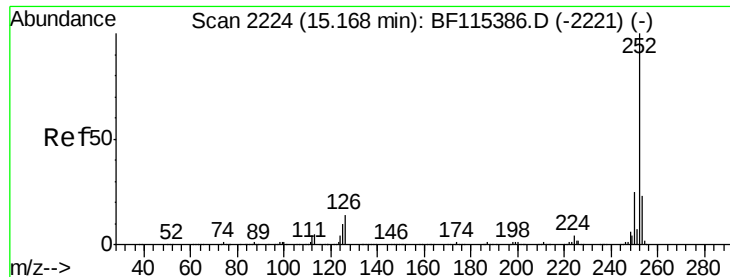


#88
Benzo(b)fluoranthene
Concen: 52.413 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:252 Resp: 1449925

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.3	9.0	13.6

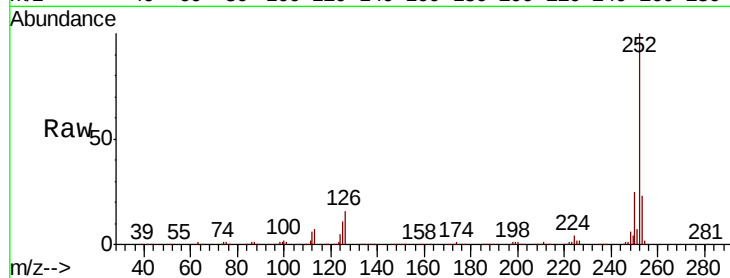




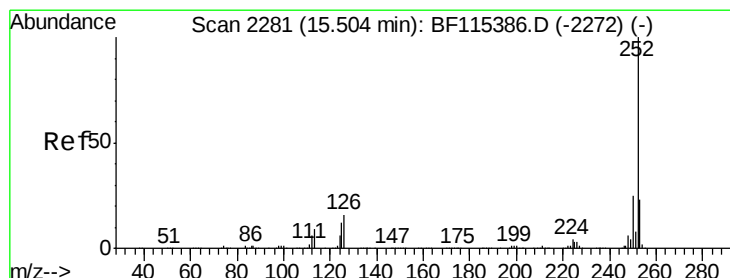
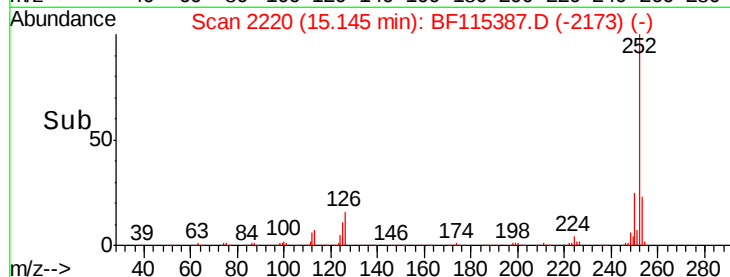
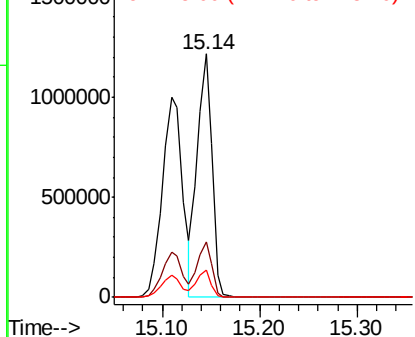
#89
Benzo(k)fluoranthene
Concen: 51.584 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1279698
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.1 8.3 12.5

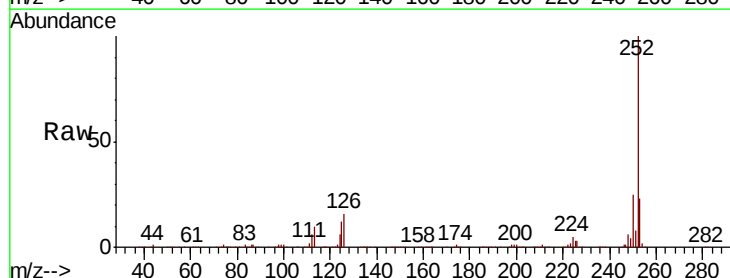


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

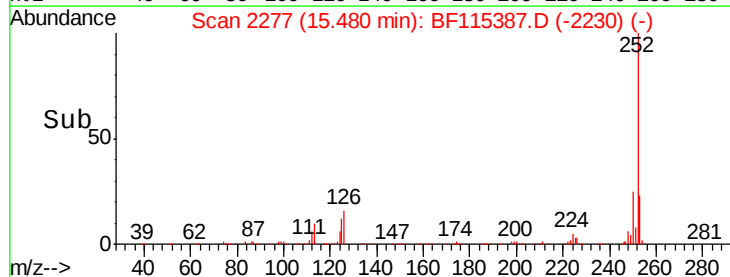
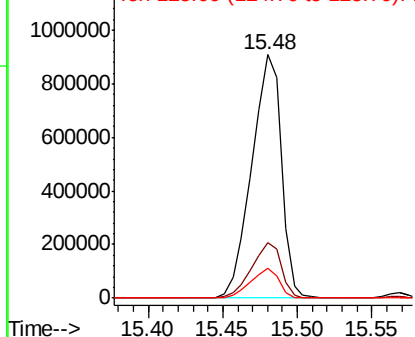


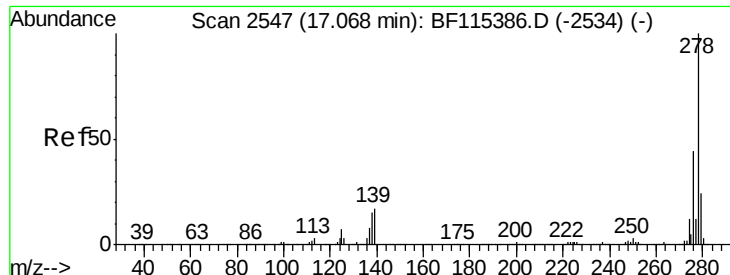
#90
Benzo(a)pyrene
Concen: 50.085 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:252 Resp: 1248791
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.4 10.0 15.0



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

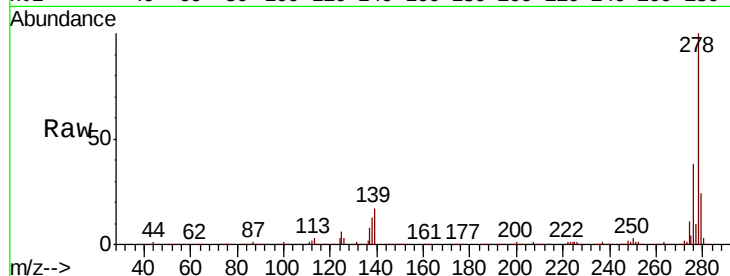




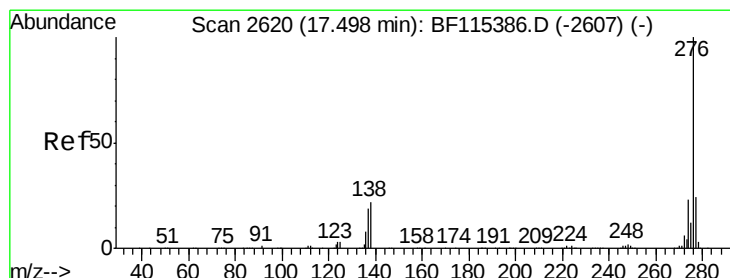
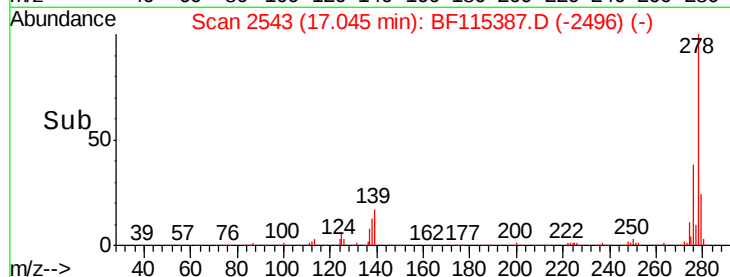
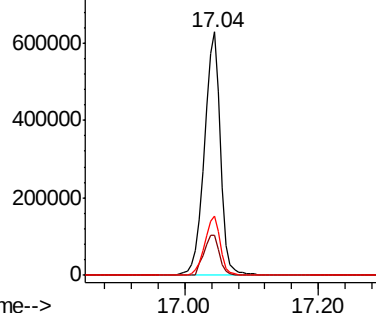
#91
Dibenzo(a,h)anthracene
Concen: 45.950 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1069565
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.2
279 24.3 19.4 29.0

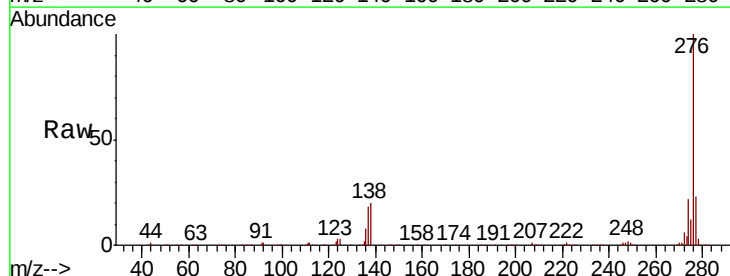


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.063 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF115387.D
Acq: 5 Jul 2019 10:15

Tgt Ion:276 Resp: 1014513
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 20.3 17.8 26.6



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

