

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115385.D
 Acq On : 5 Jul 2019 9:17
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 11:48:07 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	6.89	152	167744	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	691637	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	350334	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	670272	20.00	ng	0.00
76) Chrysene-d12	14.06	240	510631	20.00	ng	-0.01
87) Perylene-d12	15.55	264	525306	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	452513	41.63	ng	0.00
7) Phenol-d6	6.51	99	571738	43.33	ng	-0.01
23) Nitrobenzene-d5	7.45	82	465660	41.42	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	159489	43.17	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	981124	47.57	ng	0.00
79) Terphenyl-d14	13.00	244	1111297	46.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	104713	20.411	ng	99
3) Pyridine	3.46	79	290162	20.067	ng	99
4) n-Nitrosodimethylamine	3.39	42	116927	20.628	ng	99
6) Aniline	6.55	93	394432	21.752	ng	99
8) 2-Chlorophenol	6.67	128	252328	20.644	ng	99
9) Benzaldehyde	6.44	77	192554	22.370	ng	99
10) Phenol	6.52	94	312661	20.231	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	249233	21.877	ng	96
12) 1,3-Dichlorobenzene	6.84	146	279364	20.594	ng	97
13) 1,4-Dichlorobenzene	6.91	146	281631	20.704	ng	99
14) 1,2-Dichlorobenzene	7.07	146	267578	21.241	ng	98
15) Benzyl Alcohol	7.03	79	224500	23.368	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	352636	21.342	ng	97
17) 2-Methylphenol	7.13	107	208337	20.650	ng	99
18) Hexachloroethane	7.42	117	101864	20.772	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	188609	22.329	ng	99
20) 3+4-Methylphenols	7.29	107	269880	23.166	ng	# 85
22) Acetophenone	7.30	105	357839	22.600	ng	# 97
24) Nitrobenzene	7.47	77	267897	21.628	ng	99
25) Isophorone	7.71	82	509846	22.136	ng	97
26) 2-Nitrophenol	7.79	139	94052	15.375	ng	92
27) 2,4-Dimethylphenol	7.82	122	211546	21.122	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	324034	22.259	ng	98
29) 2,4-Dichlorophenol	8.03	162	212451	20.555	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	240207	21.040	ng	99
31) Naphthalene	8.20	128	750246	22.098	ng	98
32) Benzoic acid	7.91	122	117028	16.370	ng	96
33) 4-Chloroaniline	8.24	127	316765	20.415	ng	98
34) Hexachlorobutadiene	8.32	225	138472	22.133	ng	100
35) Caprolactam	8.59	113	63785	18.356	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	223901	21.391	ng	96
37) 2-Methylnaphthalene	8.89	142	498401	21.772	ng	99
38) 1-Methylnaphthalene	8.99	142	474564	21.706	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	219017	22.123	ng	99

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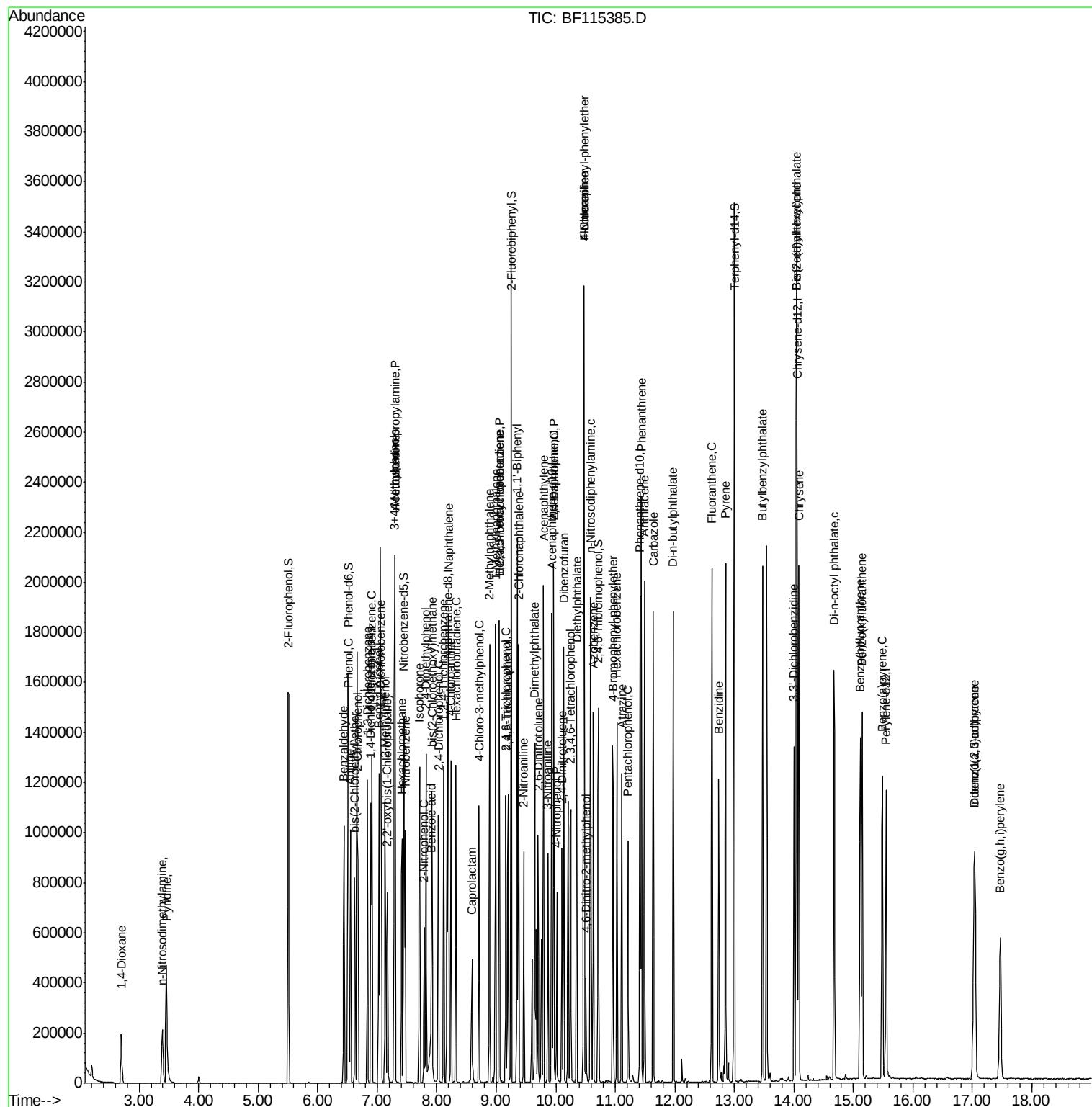
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	119282	20.320	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	149974	19.622	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	154827	19.671	ng	98
46) 1,1'-Biphenyl	9.35	154	610059	21.763	ng	98
47) 2-Chloronaphthalene	9.37	162	483105	21.247	ng	99
48) 2-Nitroaniline	9.46	65	126667	19.108	ng	99
49) Acenaphthylene	9.79	152	744274	21.009	ng	99
50) Dimethylphthalate	9.65	163	561031	21.767	ng	98
51) 2,6-Dinitrotoluene	9.70	165	111302	18.704	ng	98
52) Acenaphthene	9.96	154	460888	20.791	ng	98
53) 3-Nitroaniline	9.87	138	131135	18.058	ng	92
54) 2,4-Dinitrophenol	9.97	184	27999	10.666	ng	# 1
55) Dibenzofuran	10.13	168	667890	20.991	ng	98
56) 4-Nitrophenol	10.02	139	97826	16.804	ng	96
57) 2,4-Dinitrotoluene	10.10	165	136775	17.801	ng	89
58) Fluorene	10.48	166	502953	21.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	136374	20.663	ng	99
60) Diethylphthalate	10.35	149	547815	21.144	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	253390	22.438	ng	96
62) 4-Nitroaniline	10.48	138	124330	17.067	ng	99
63) Azobenzene	10.63	77	571319	23.608	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	43555	13.048	ng	89
66) n-Nitrosodiphenylamine	10.59	169	449547	21.528	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	157968	21.737	ng	95
68) Hexachlorobenzene	11.03	284	179736	22.786	ng	97
69) Atrazine	11.11	200	144760	21.550	ng	99
70) Pentachlorophenol	11.22	266	102257	20.349	ng	98
71) Phenanthrene	11.44	178	769543	21.324	ng	98
72) Anthracene	11.49	178	777267	21.337	ng	99
73) Carbazole	11.64	167	697157	21.431	ng	99
74) Di-n-butylphthalate	11.97	149	872928	23.223	ng	99
75) Fluoranthene	12.62	202	808944	22.466	ng	99
77) Benzidine	12.74	184	399470	17.618	ng	98
78) Pyrene	12.85	202	834947	21.277	ng	99
80) Butylbenzylphthalate	13.47	149	345688	19.961	ng	94
81) Benzo(a)anthracene	14.04	228	710102	19.381	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	257740	19.480	ng	98
83) Chrysene	14.09	228	705892	21.032	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	470727	20.744	ng	99
85) Di-n-octyl phthalate	14.67	149	788103	20.671	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	611920	15.408	ng	# 100
88) Benzo(b)fluoranthene	15.12	252	671962	20.501	ng	99
89) Benzo(k)fluoranthene	15.14	252	616112	20.960	ng	98
90) Benzo(a)pyrene	15.49	252	593177	20.079	ng	98
91) Dibenzo(a,h)anthracene	17.04	278	509591	18.477	ng	98
92) Benzo(g,h,i)perylene	17.47	276	471881	16.905	ng	97

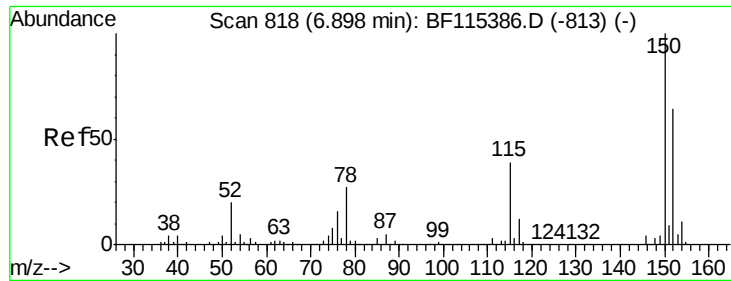
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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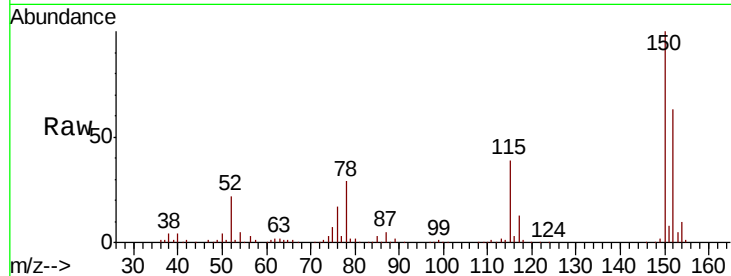


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	62.2	48.1	72.1

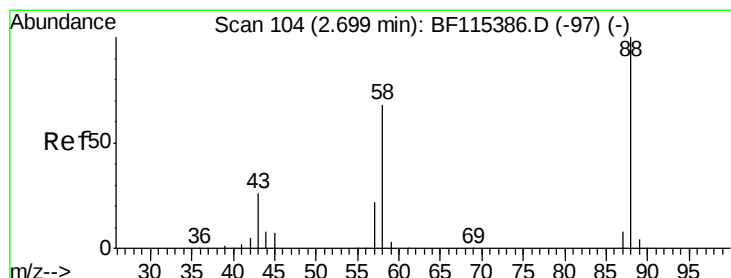
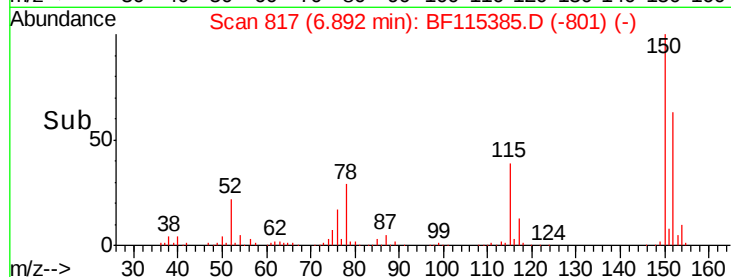
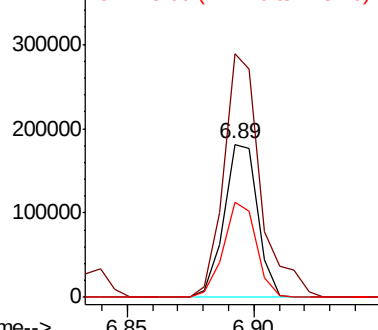


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

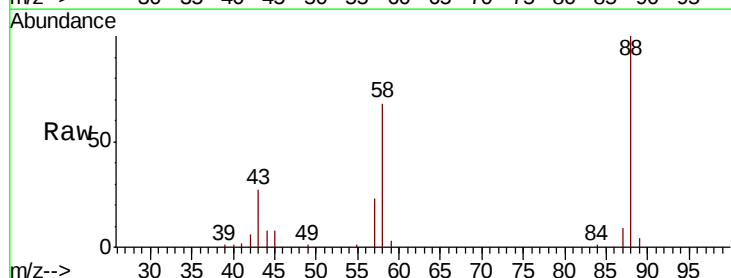
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.411 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	54.6	82.0
43	27.5	21.4	32.0

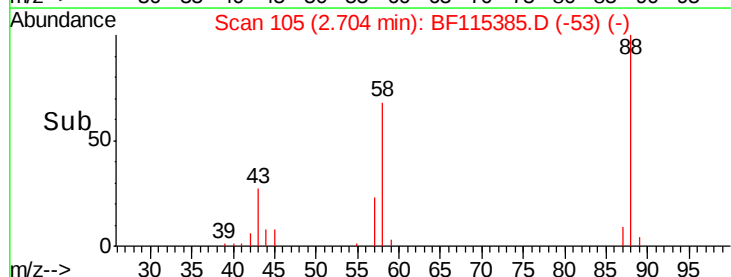
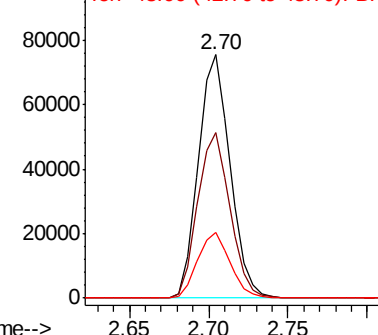


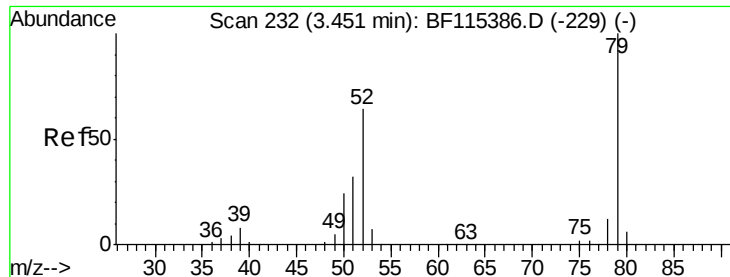
Abundance

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

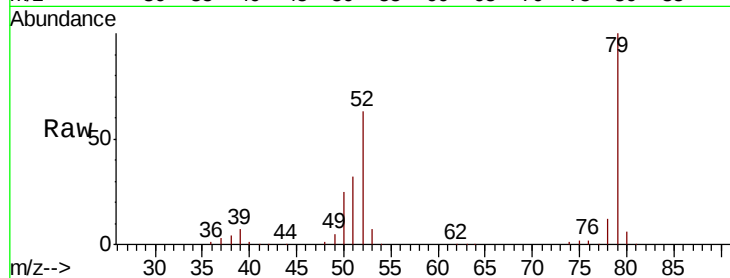




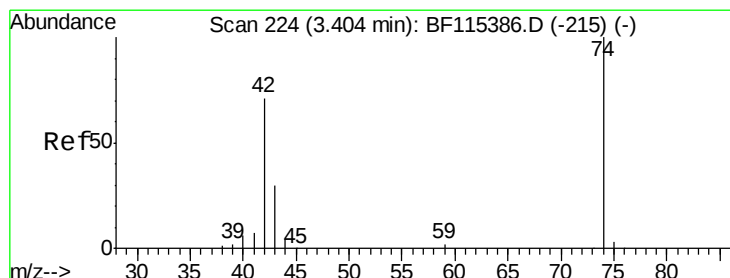
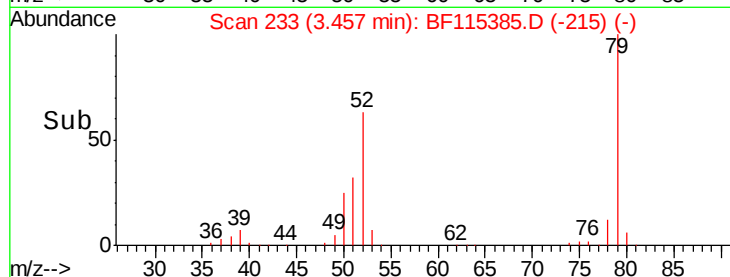
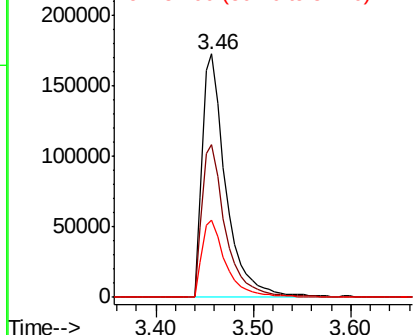
#3
 Pvridine
 Concen: 20.067 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 290162
 Ion Ratio Lower Upper
 79 100
 52 62.5 50.9 76.3
 51 31.6 25.8 38.6

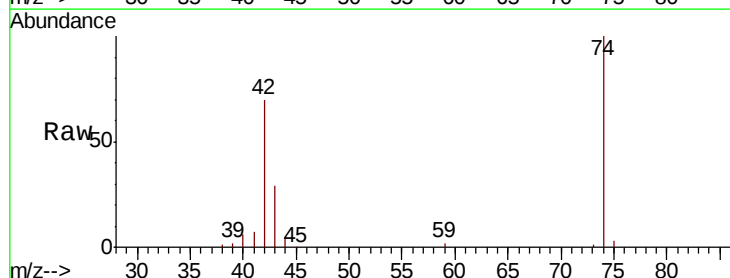


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

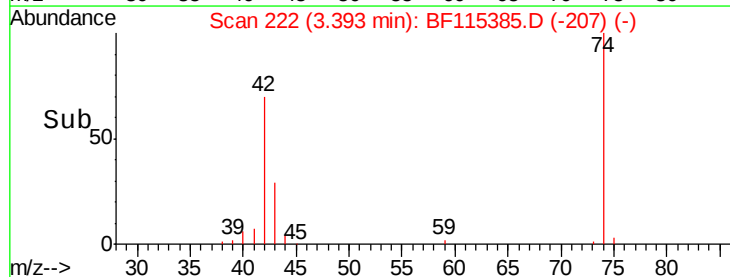
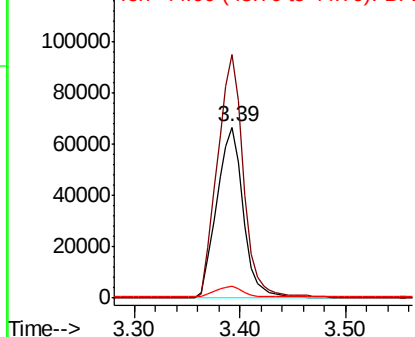


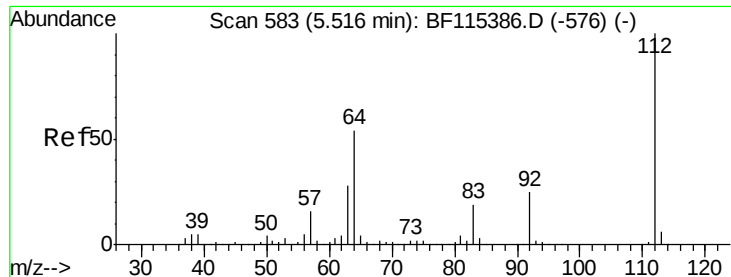
#4
 n-Nitrosodimethylamine
 Concen: 20.628 ng
 RT: 3.39 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Tgt Ion: 42 Resp: 116927
 Ion Ratio Lower Upper
 42 100
 74 142.4 112.8 169.2
 44 7.0 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

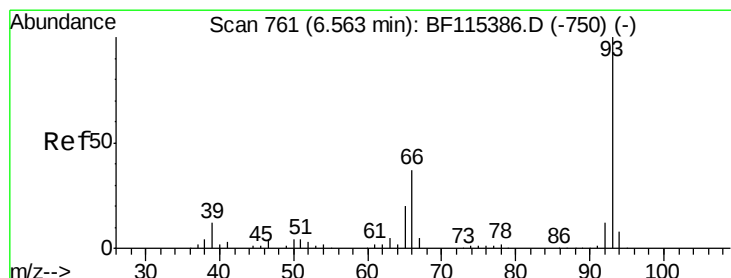
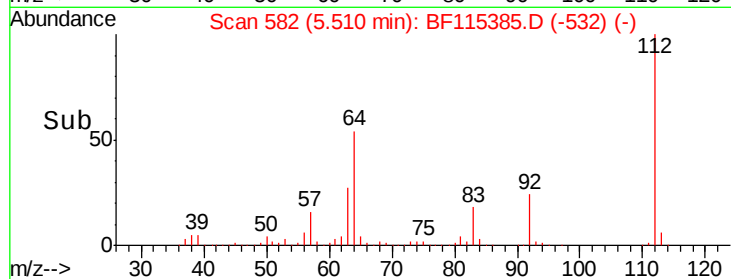
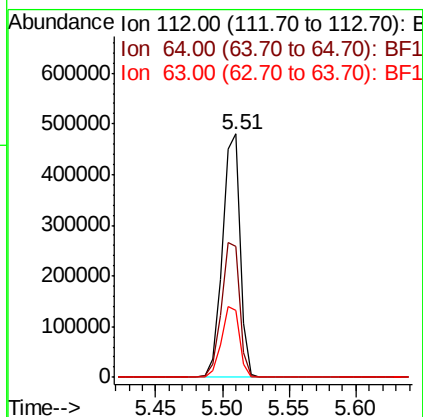
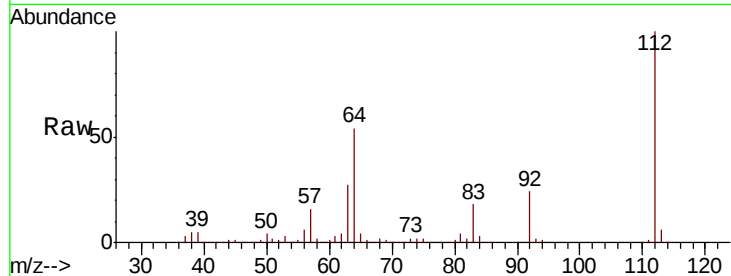




#5
2-Fluorophenol
Concen: 41.629 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

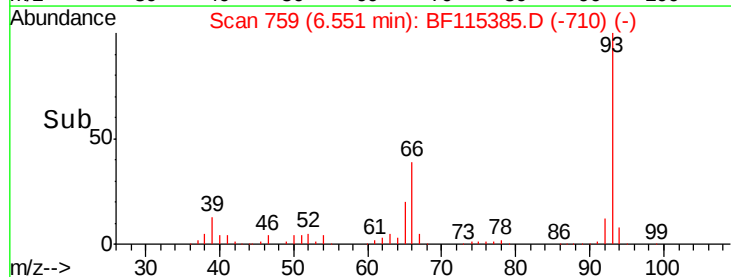
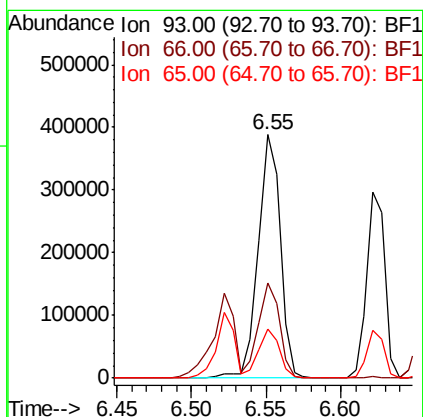
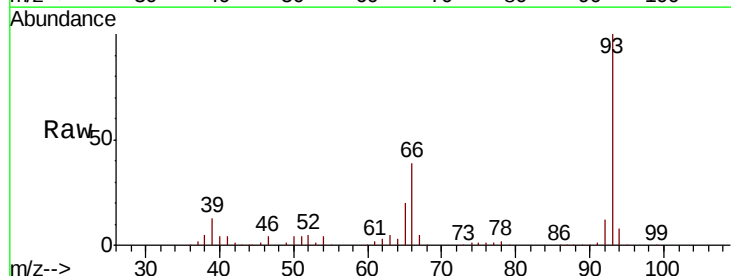
Instrument :
BNA_F
ClientSampled :

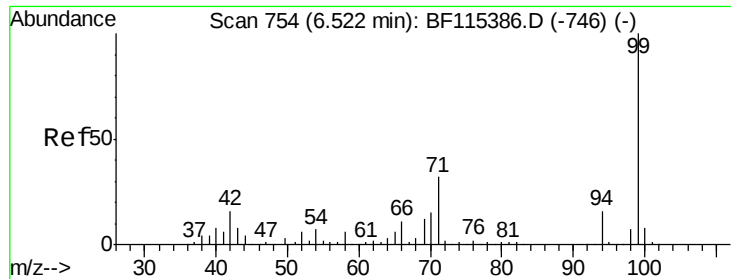
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		452513		
64	53.6		43.0	64.6	
63	27.5		22.2	33.2	



#6
Aniline
Concen: 21.752 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		394432		
66	39.0		30.8	46.2	
65	20.1		16.0	24.0	





#7

Phenol-d6

Concen: 43.334 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

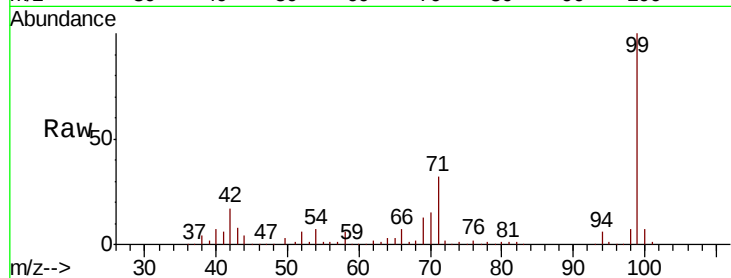
Tot Ion: 99 Resp: 571738

Ion Ratio Lower Upper

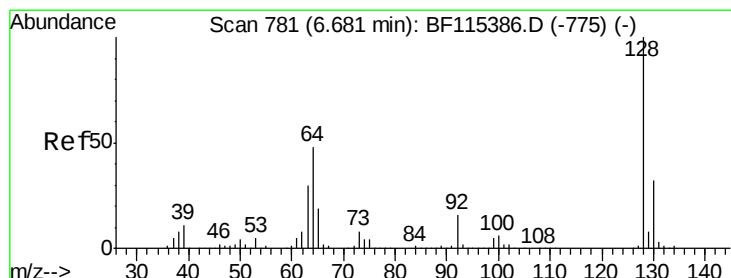
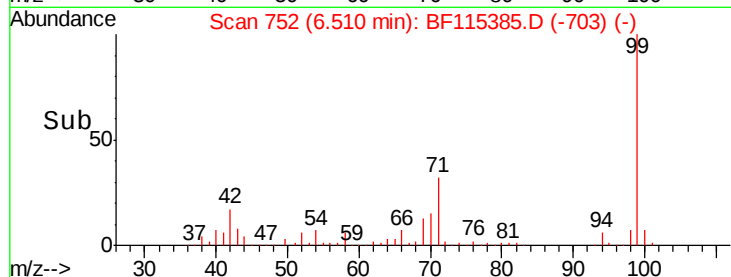
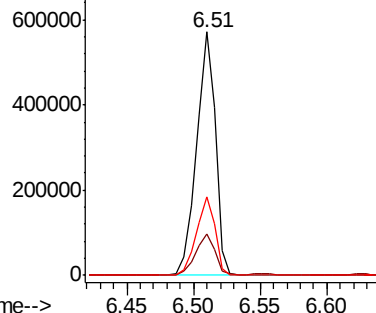
99 100

42 17.0 13.1 19.7

71 32.2 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: 20.644 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

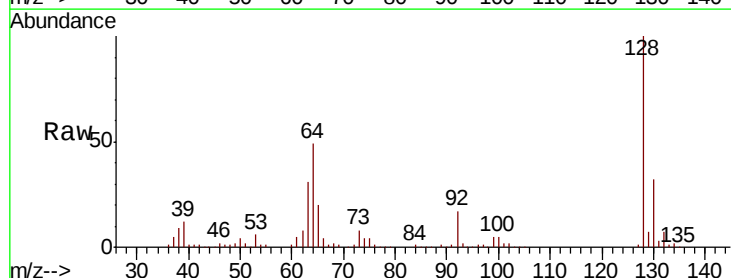
Tgt Ion: 128 Resp: 252328

Ion Ratio Lower Upper

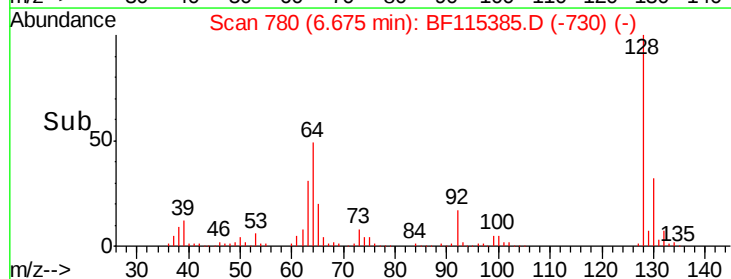
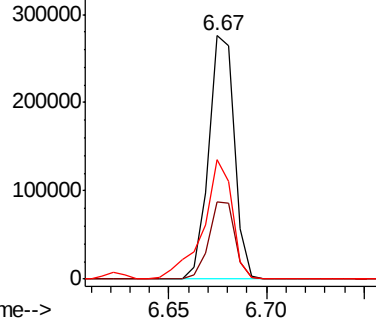
128 100

130 31.8 12.4 52.4

64 49.3 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: 22.370 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

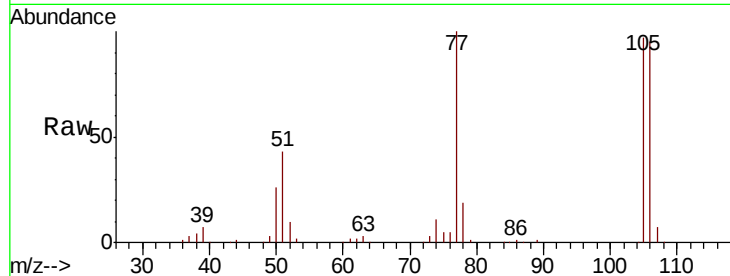
Tot Ion: 77 Resp: 192554

Ion Ratio Lower Upper

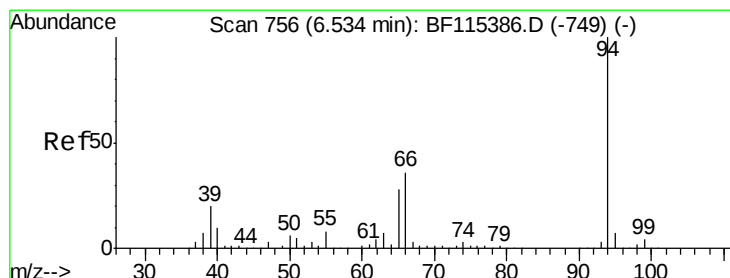
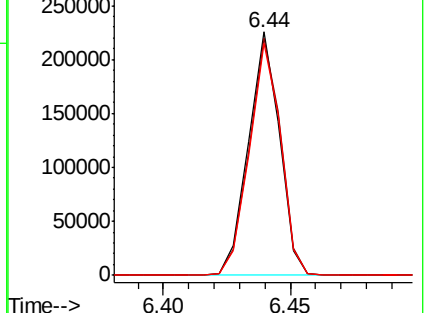
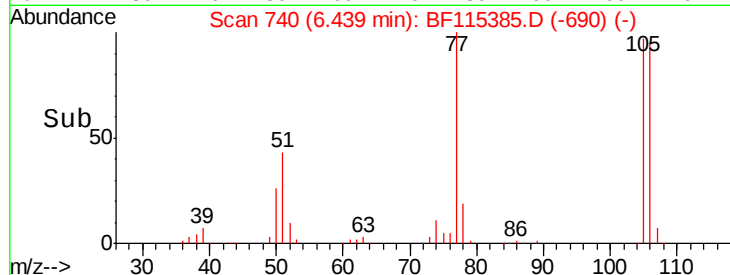
77 100

105 97.4 79.0 119.0

106 95.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 20.231 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

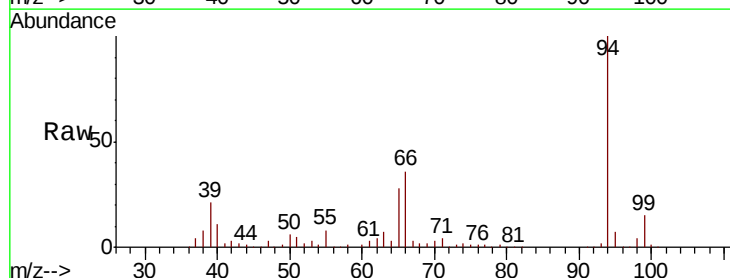
Tgt Ion: 94 Resp: 312661

Ion Ratio Lower Upper

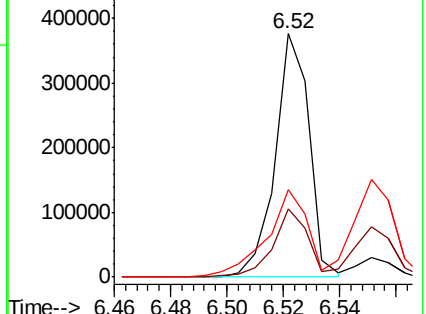
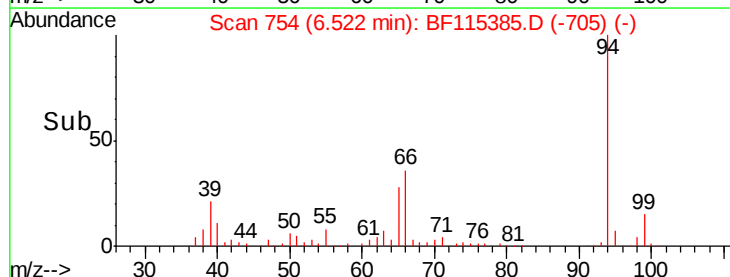
94 100

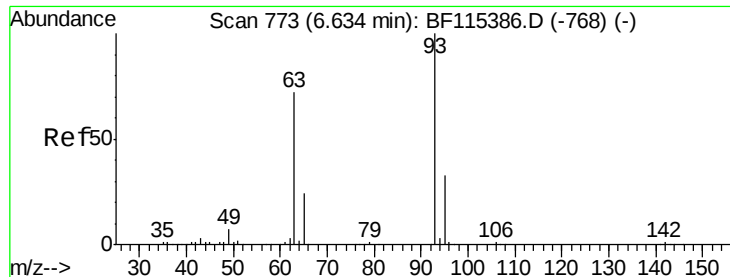
65 28.0 8.0 48.0

66 36.0 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

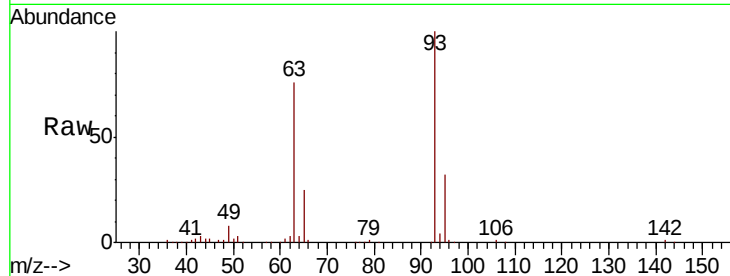




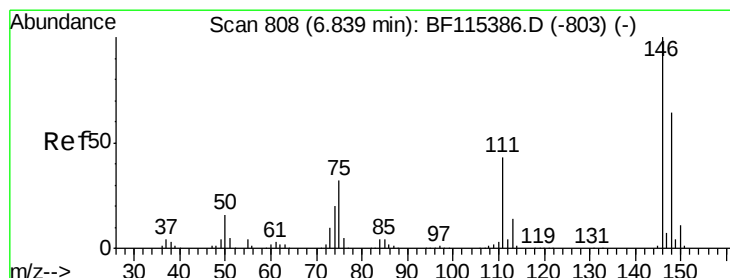
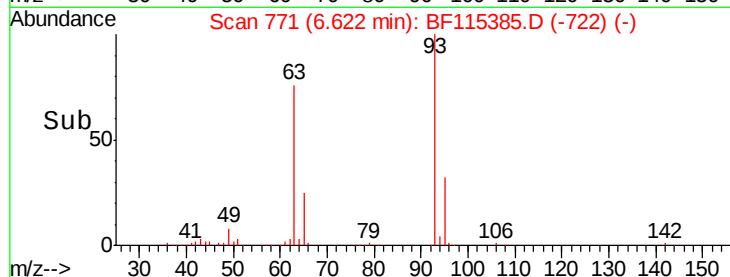
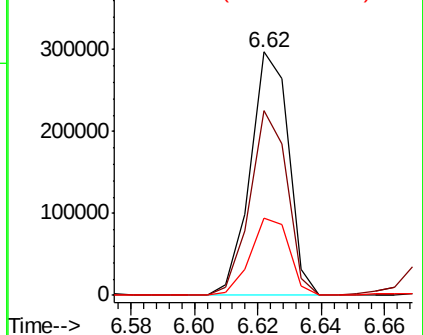
#11
bis(2-Chloroethyl)ether
Concen: 21.877 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 249233
Ion Ratio Lower Upper
93 100
63 76.1 51.5 91.5
95 32.0 12.9 52.9

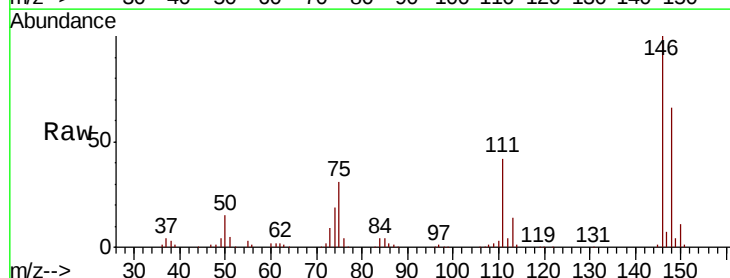


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

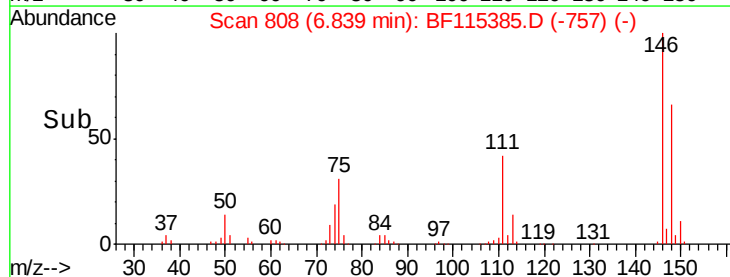
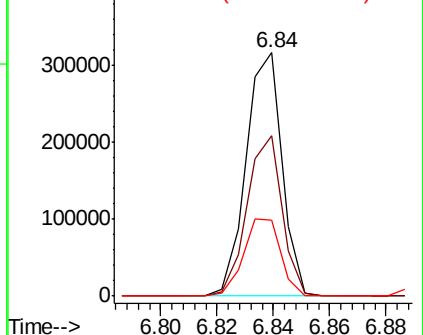


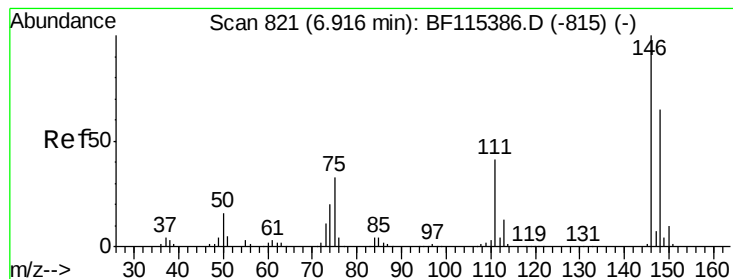
#12
1,3-Dichlorobenzene
Concen: 20.594 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion: 146 Resp: 279364
Ion Ratio Lower Upper
146 100
148 65.8 50.8 76.2
75 31.3 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: 20.704 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

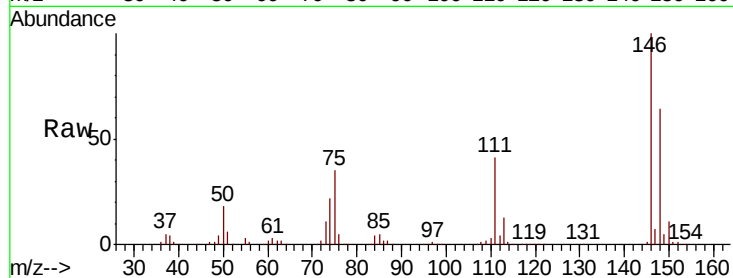
Tot Ion:146 Resp: 281631

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

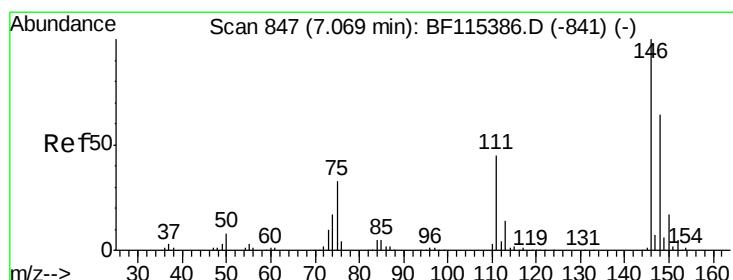
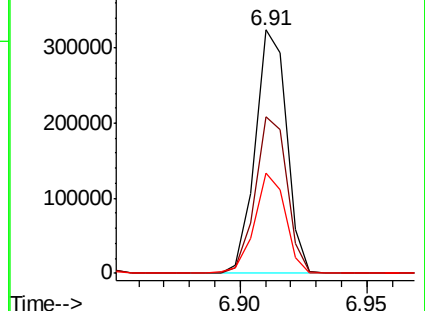
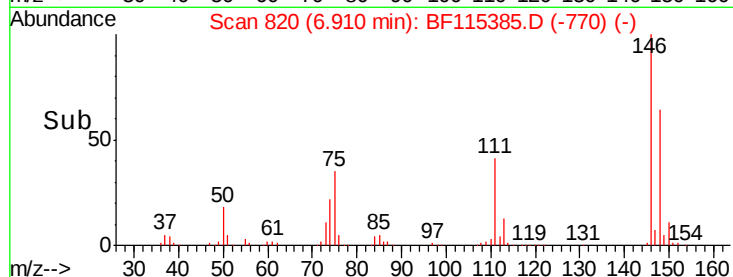
111 41.2 33.0 49.4



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: 21.241 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

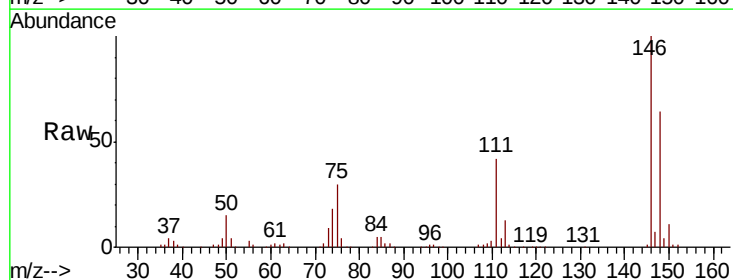
Tgt Ion:146 Resp: 267578

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

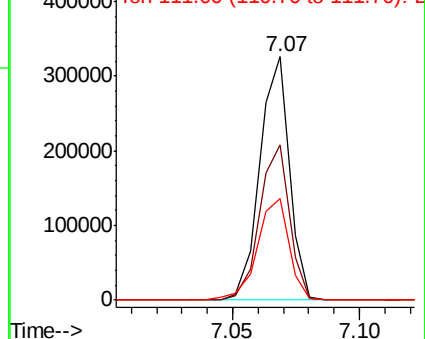
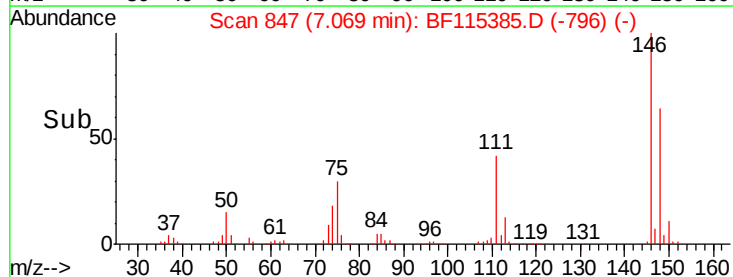
111 41.6 36.2 54.2

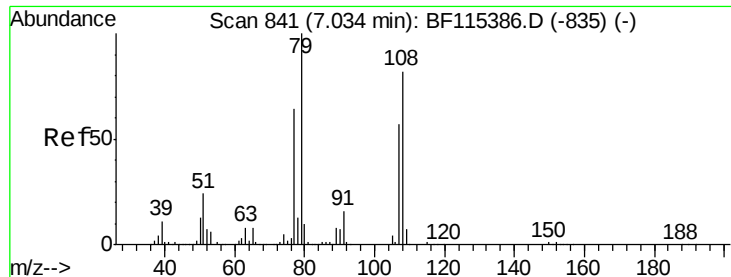


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.368 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

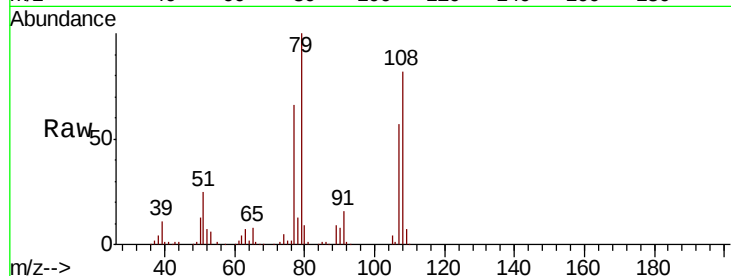
Tot Ion: 79 Resp: 224500

Ion Ratio Lower Upper

79 100

108 82.4 65.4 98.2

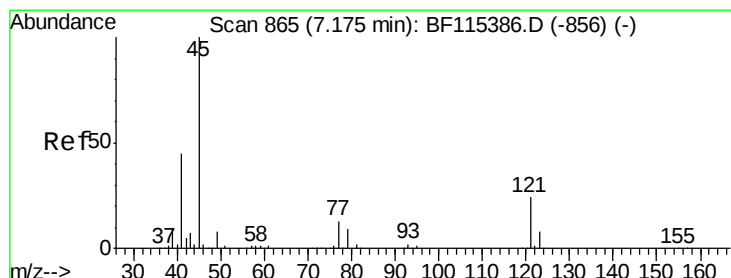
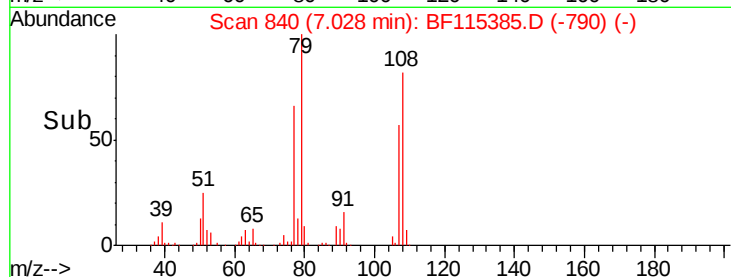
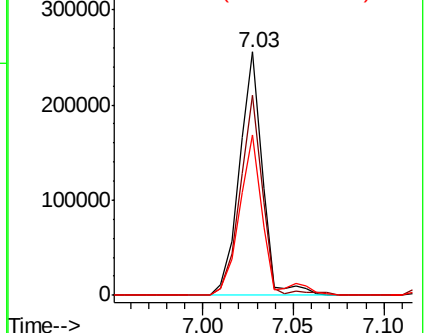
77 65.8 51.5 77.3



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: 21.342 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

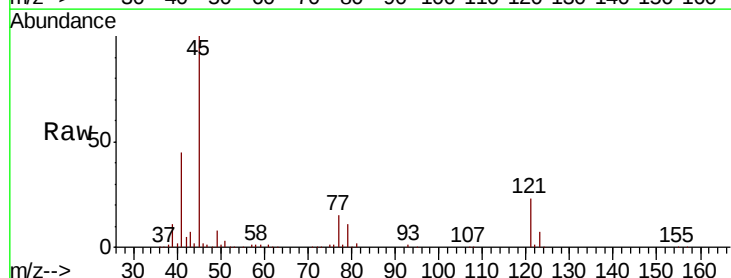
Tgt Ion: 45 Resp: 352636

Ion Ratio Lower Upper

45 100

77 14.7 0.0 36.0

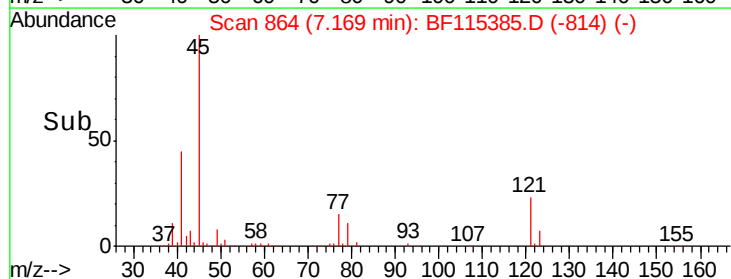
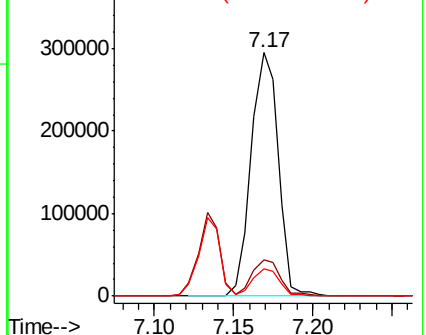
79 11.1 0.0 32.0

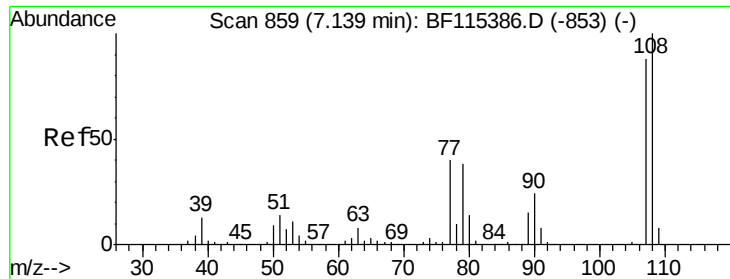


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

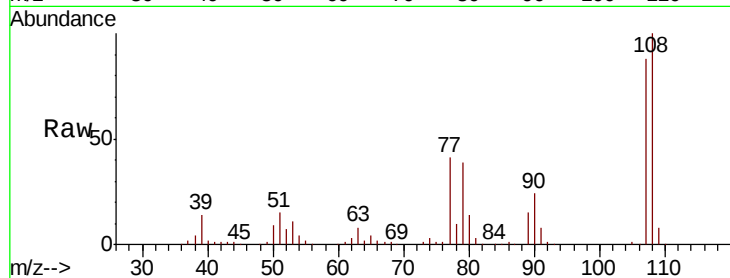




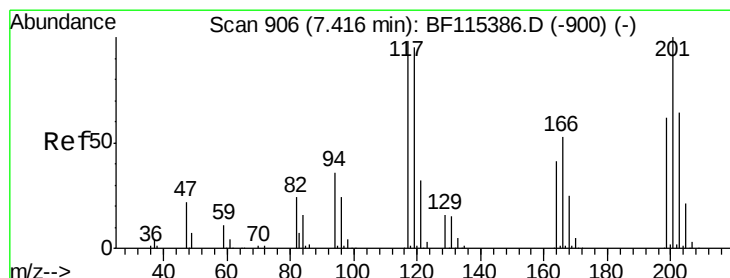
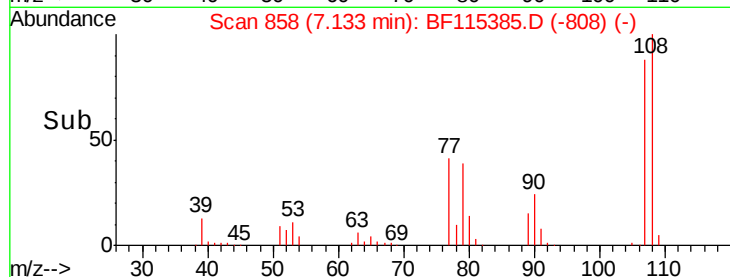
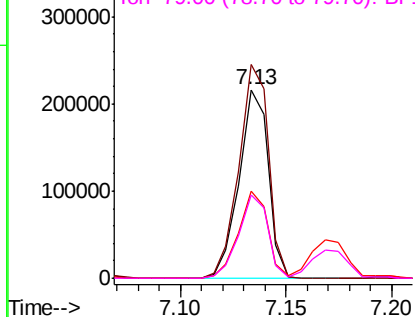
#17
2-Methylphenol
Concen: 20.650 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	208337
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.7	136.1
77	46.5	36.3	54.5
79	44.2	34.9	52.3

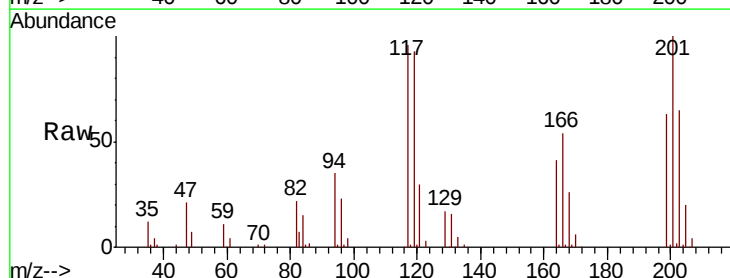


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

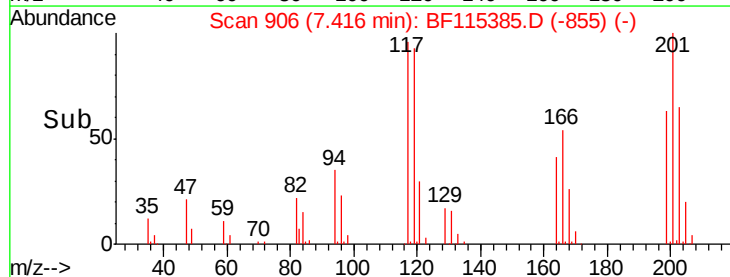
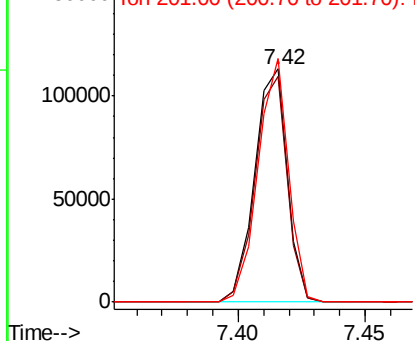


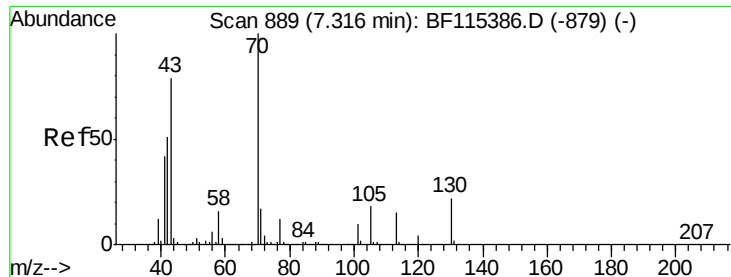
#18
Hexachloroethane
Concen: 20.772 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:	117	Resp:	101864
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.1	115.7
201	104.5	81.3	121.9



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

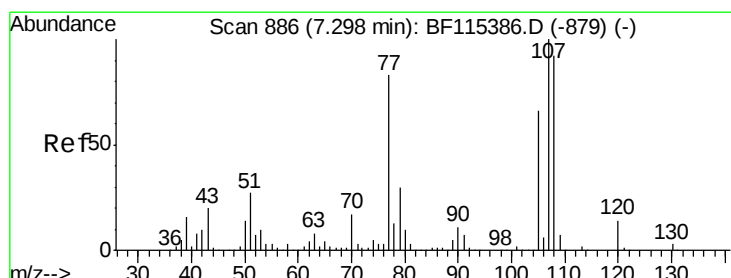
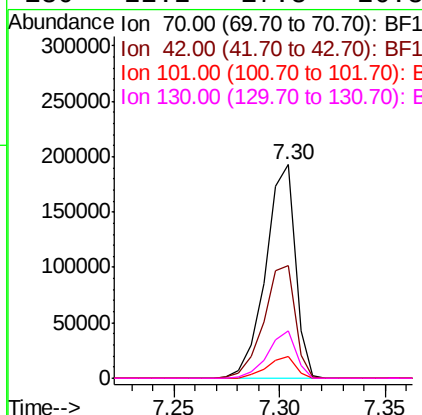
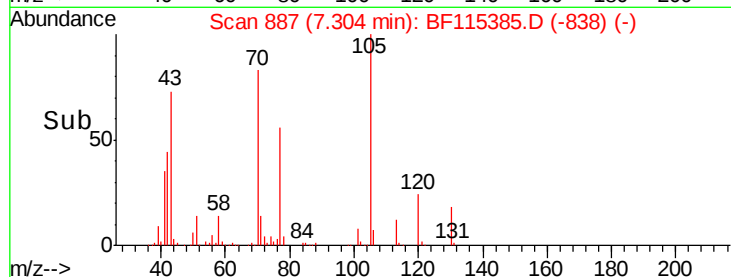
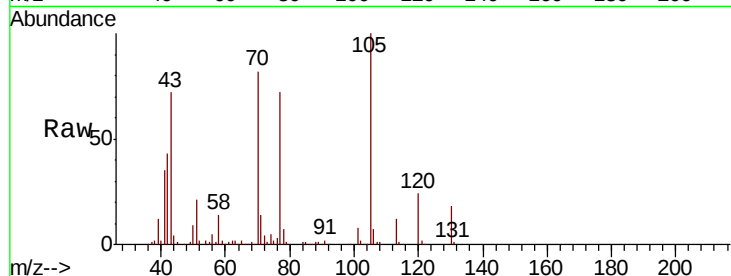




#19
n-Nitroso-di-n-propylamine
Concen: 22.329 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

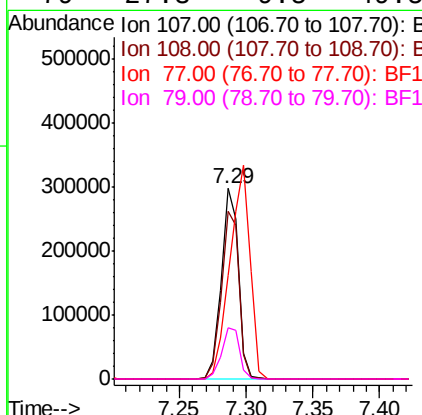
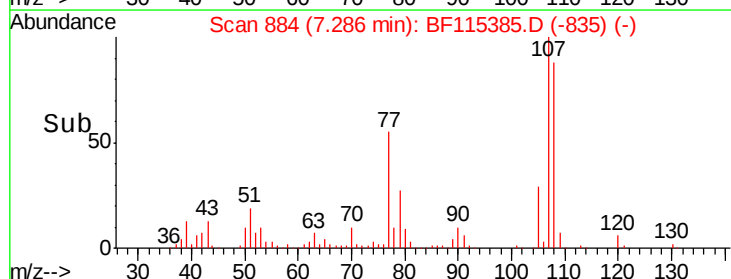
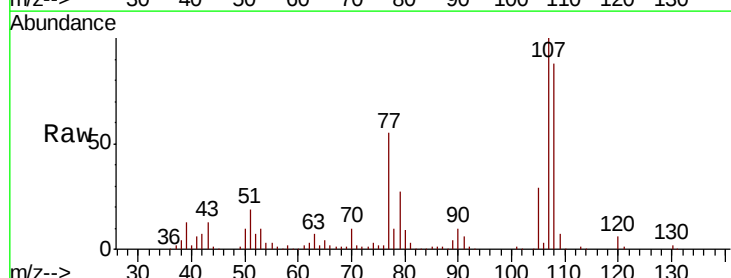
Instrument :
BNA_F
ClientSampled :

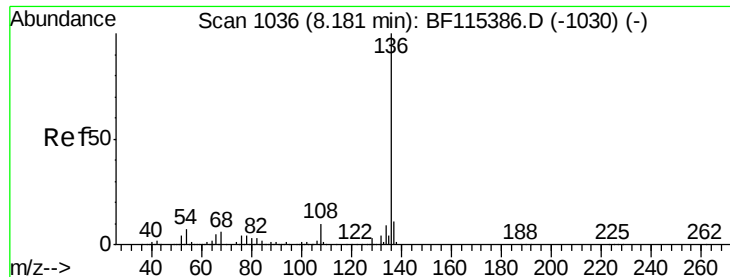
Tot Ion: 70 Resp: 188609
Ion Ratio Lower Upper
70 100
42 52.7 41.1 61.7
101 9.9 8.0 12.0
130 22.2 17.8 26.8



#20
3+4-Methylphenols
Concen: 23.166 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion: 107 Resp: 269880
Ion Ratio Lower Upper
107 100
108 88.3 72.5 112.5
77 54.8 62.7 102.7#
79 27.3 9.5 49.5

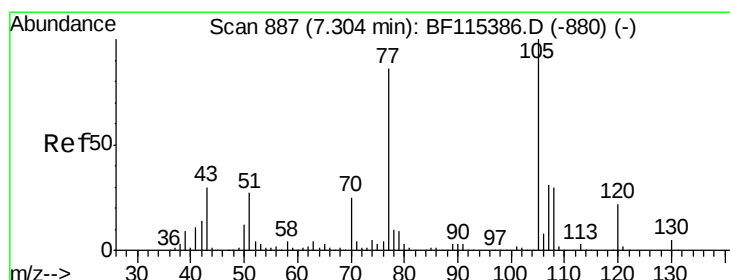
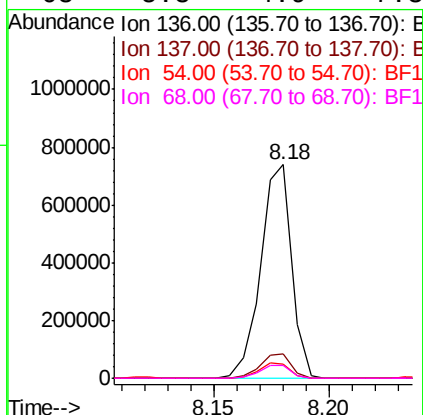
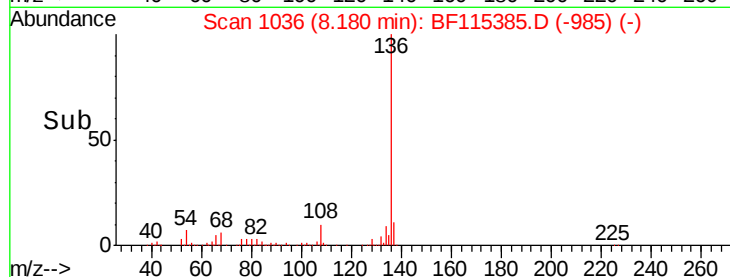
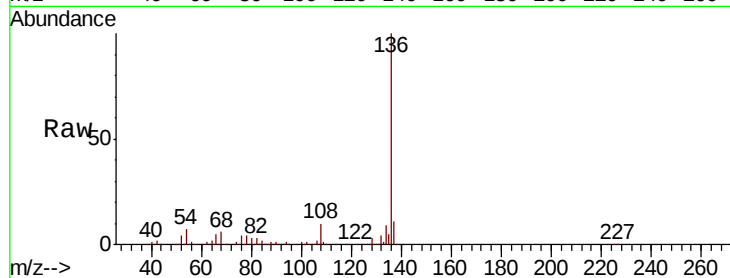




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

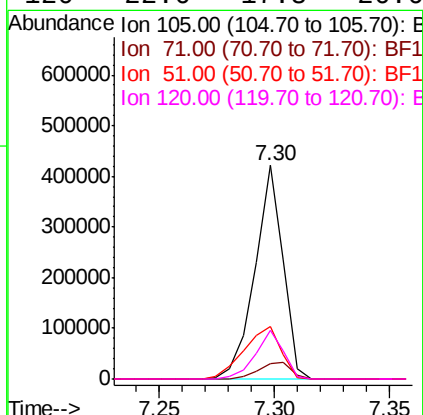
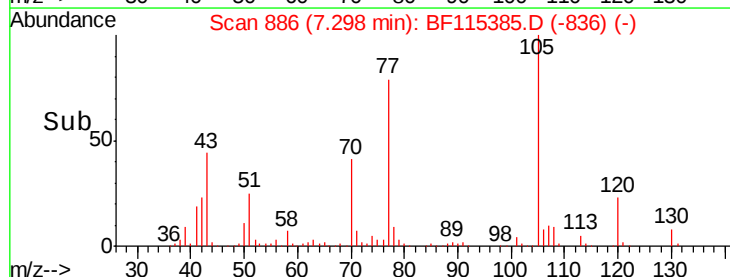
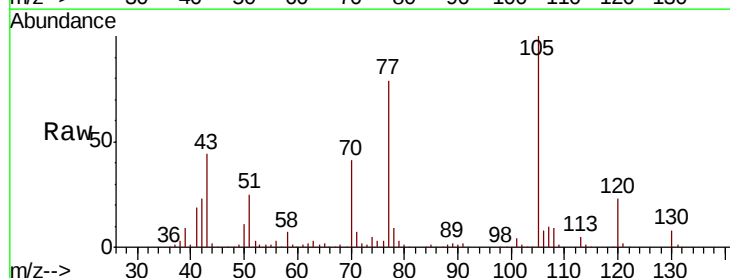
Instrument :
BNA_F
ClientSampled :

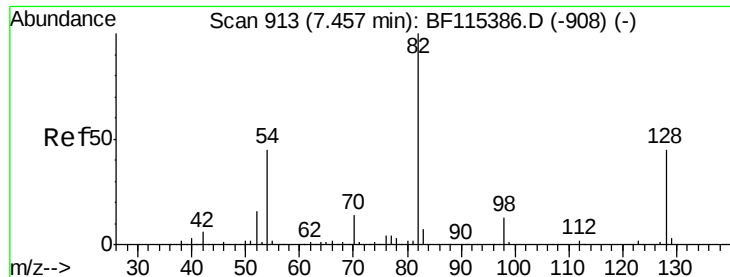
Tot Ion:136	Resp: 691637
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 6.7	5.6 8.4
68 5.8	4.9 7.3



#22
Acetophenone
Concen: 22.600 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt	Ion:105	Resp:	357839
Ion	Ratio	Lower	Upper
105	100		
71	7.0	3.3	4.9#
51	24.8	21.5	32.3
120	22.6	17.8	26.6

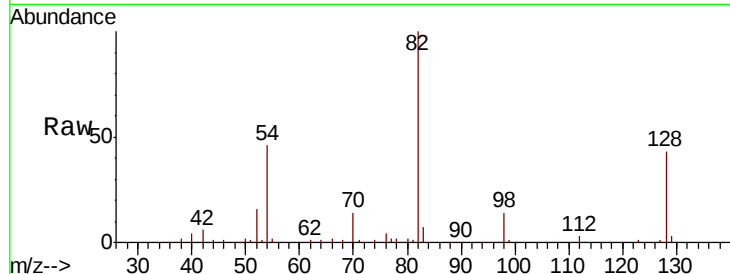




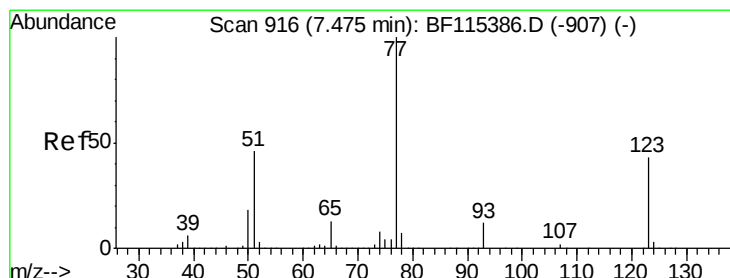
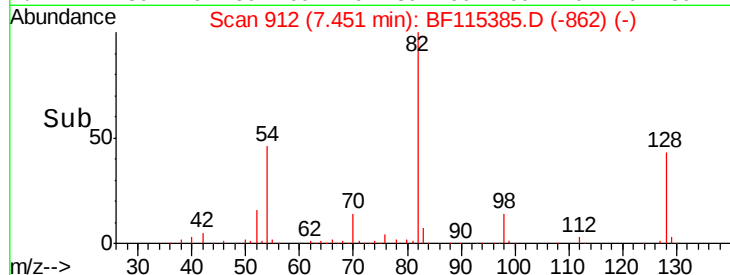
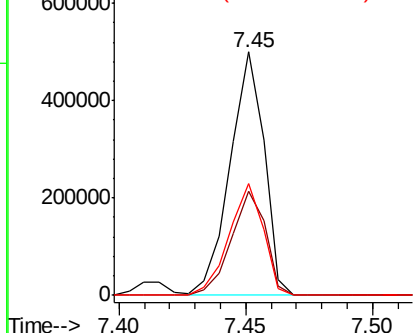
#23
Nitrobenzene-d5
Concen: 41.417 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.7	53.5
54	46.0	36.3	54.5

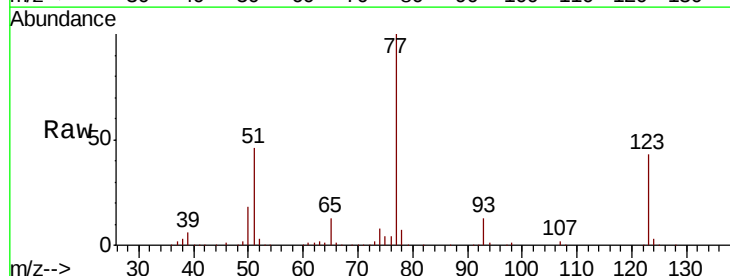


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

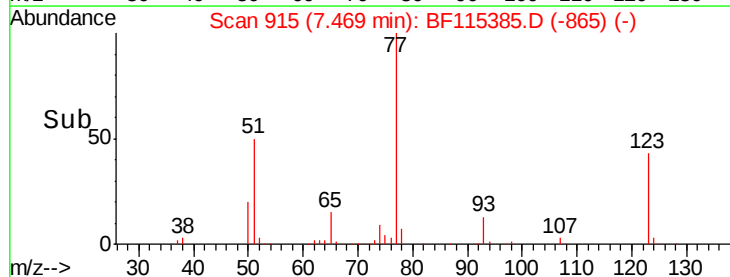
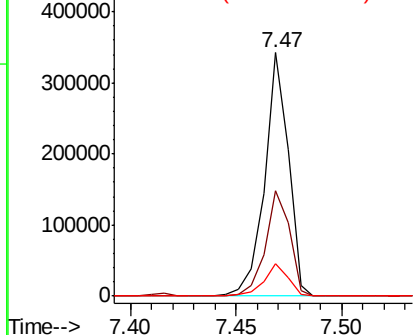


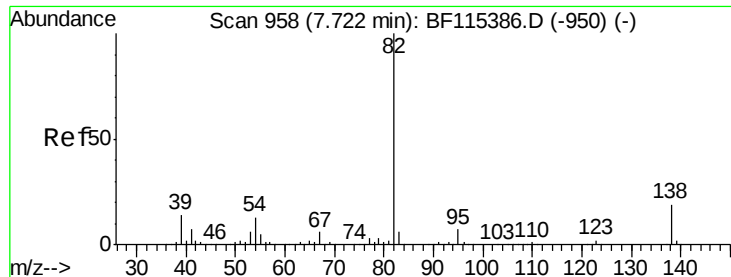
#24
Nitrobenzene
Concen: 21.628 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	35.0	52.6
65	13.3	10.8	16.2



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





#25

Isophorone

Concen: 22.136 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

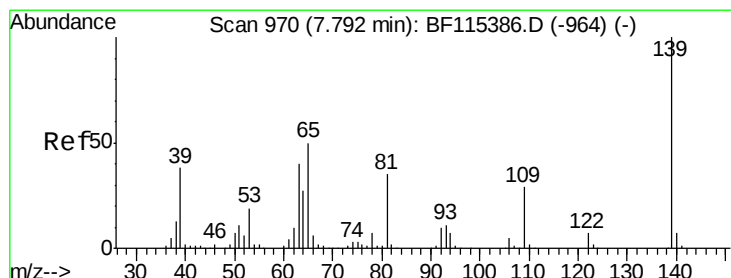
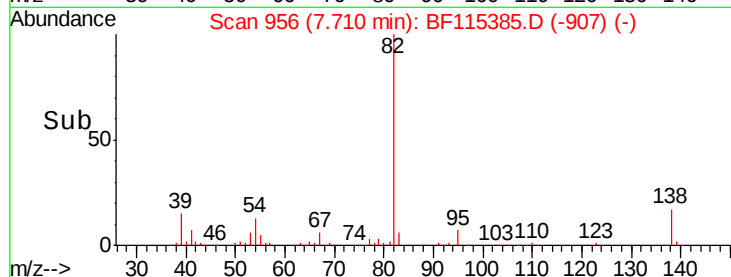
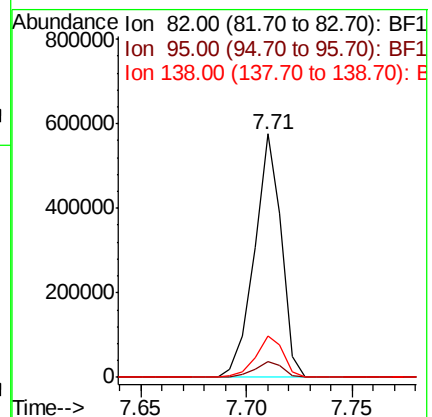
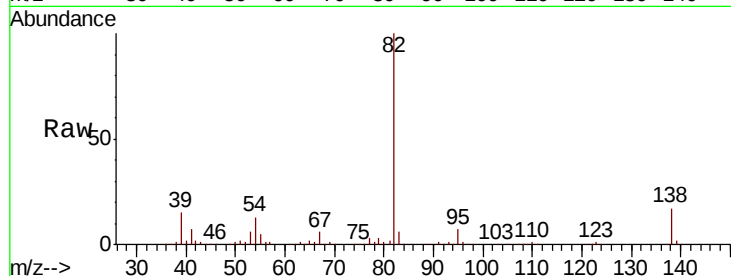
Tot Ion: 82 Resp: 509846

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 15.375 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

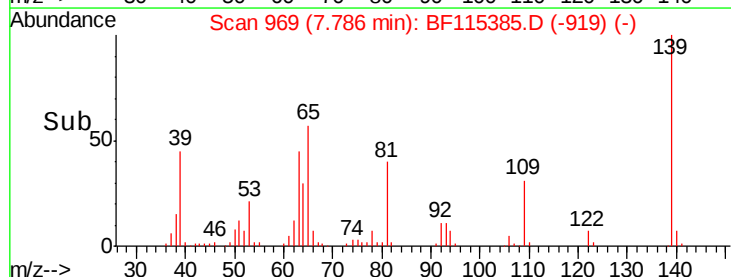
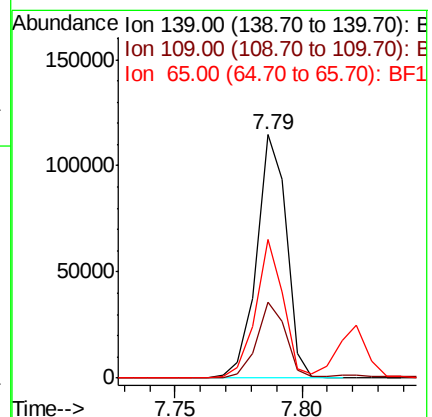
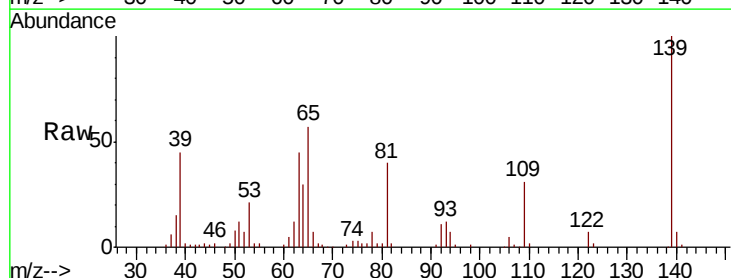
Tgt Ion: 139 Resp: 94052

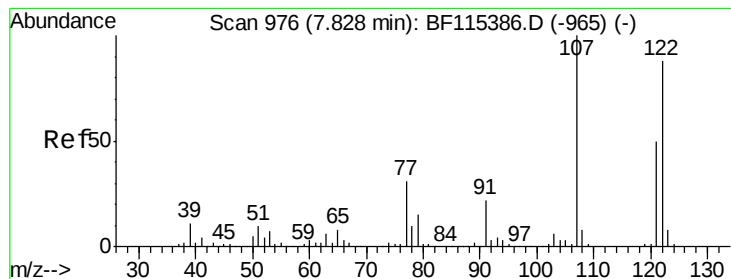
Ion Ratio Lower Upper

139 100

109 31.3 22.9 34.3

65 57.0 40.2 60.4

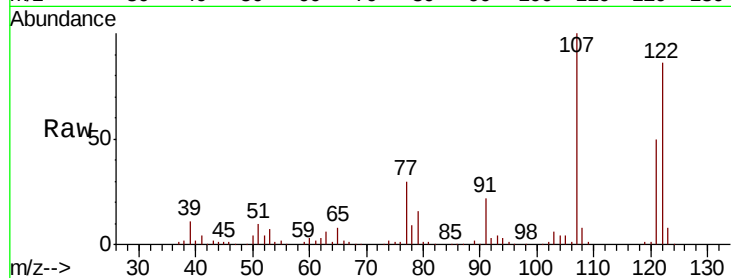




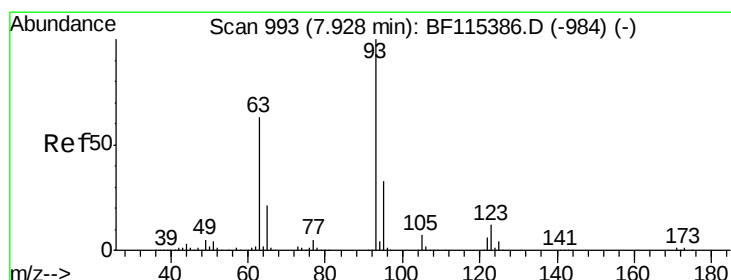
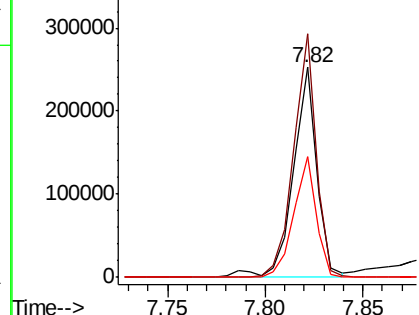
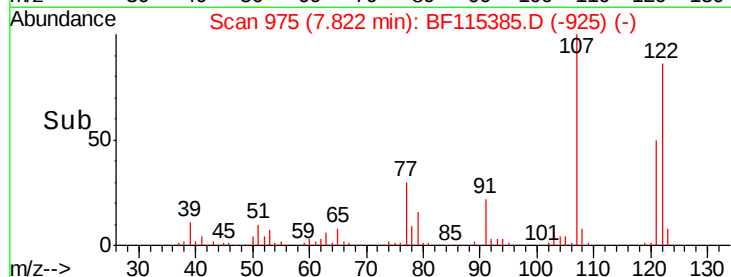
#27
 2,4-Dimethylphenol
 Concen: 21.122 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.0	136.6
121	57.7	45.9	68.9

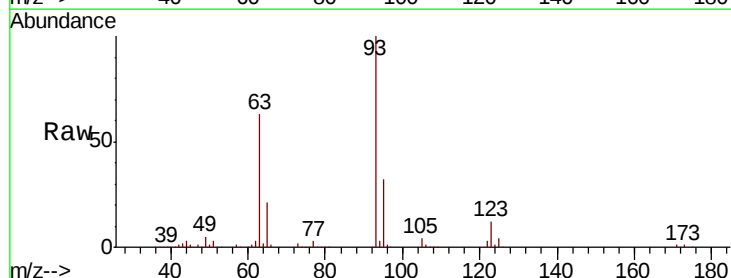


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

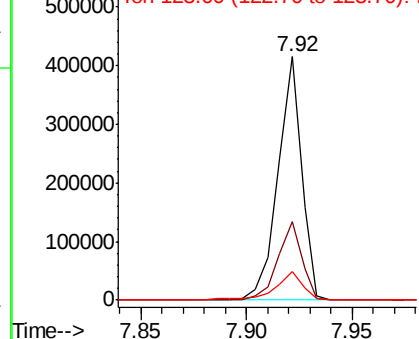
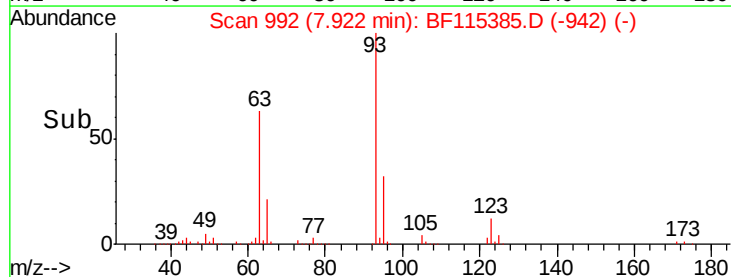


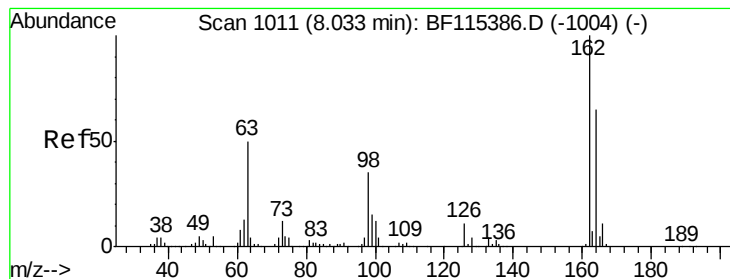
#28
 bis(2-Chloroethoxy)methane
 Concen: 22.259 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	11.6	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: 20.555 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

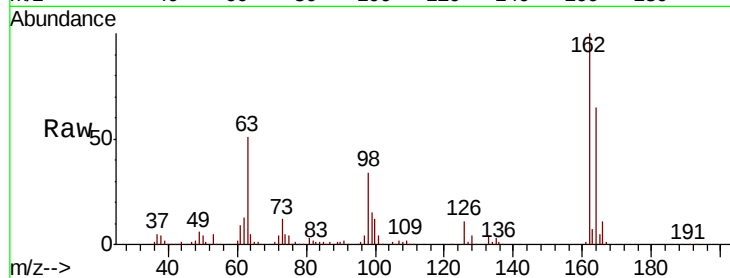
Tot Ion:162 Resp: 212451

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

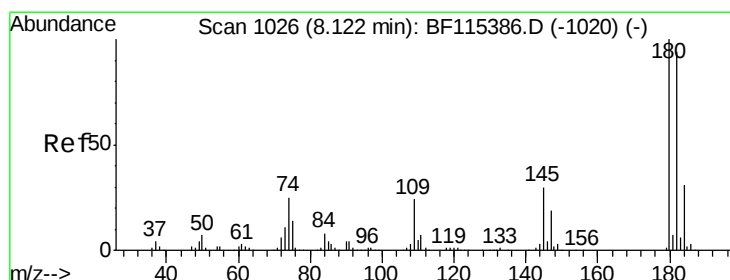
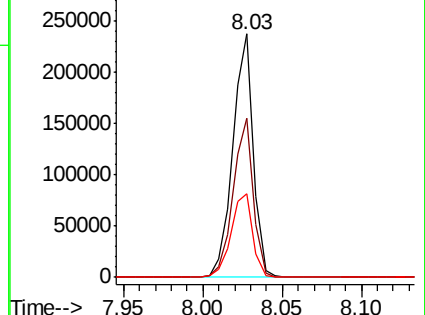
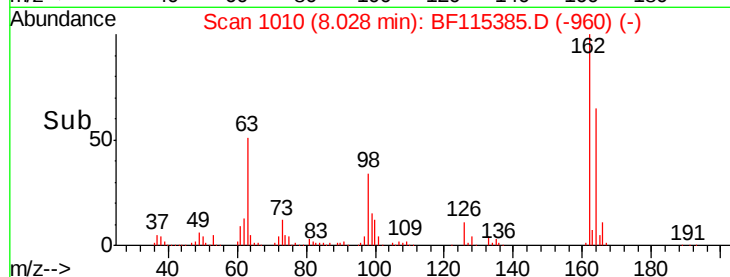
98 34.4 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.040 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

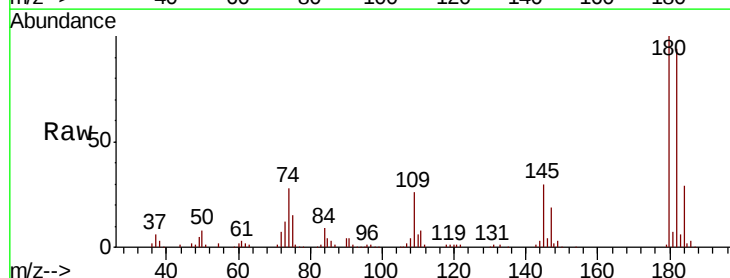
Tgt Ion:180 Resp: 240207

Ion Ratio Lower Upper

180 100

182 93.5 75.6 113.4

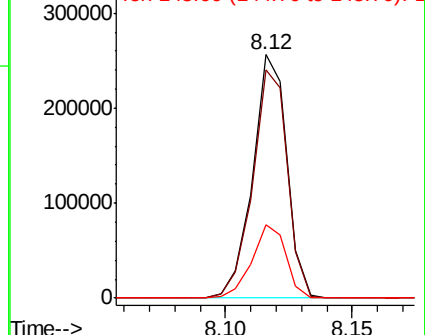
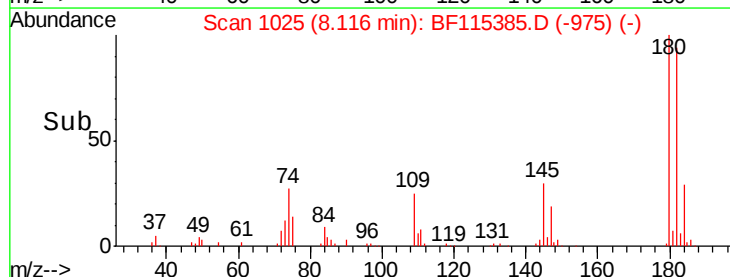
145 30.2 23.8 35.6

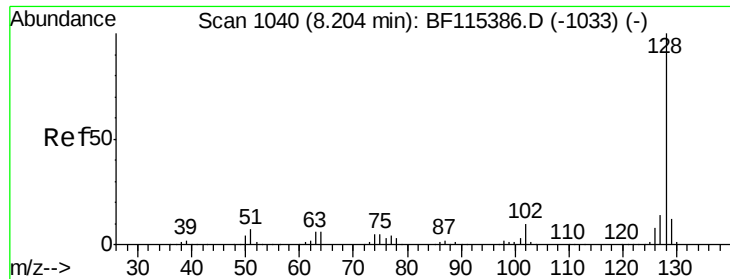


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

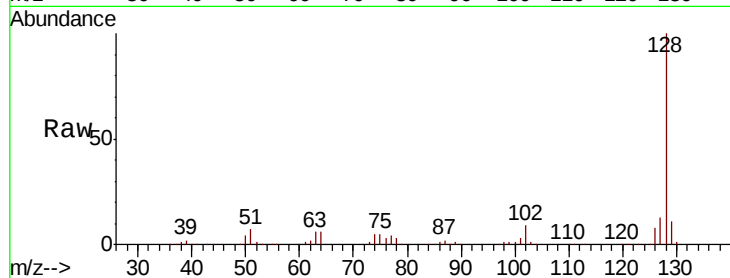




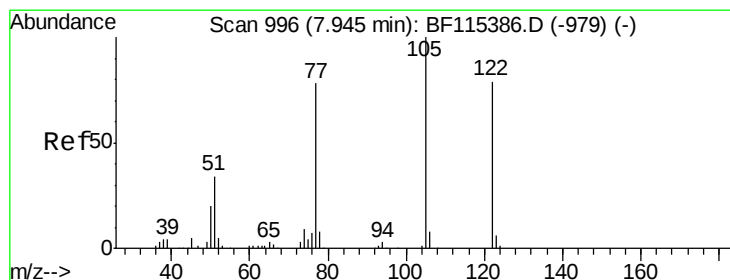
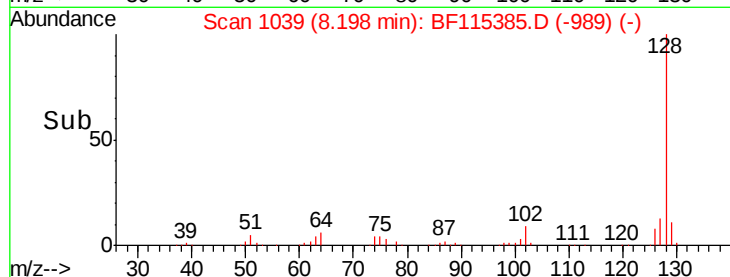
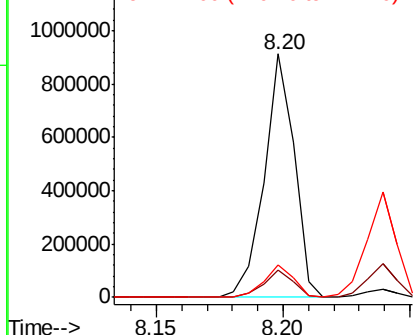
#31
Naphthalene
Concen: 22.098 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 750246
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.1 11.2 16.8

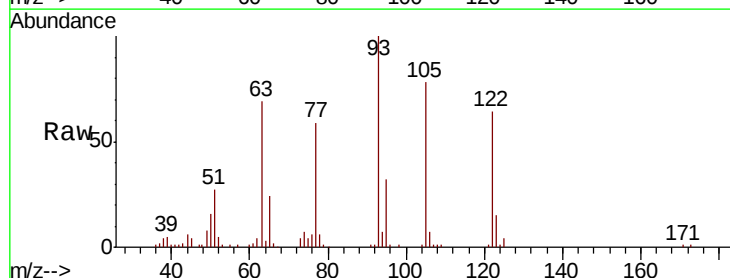


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

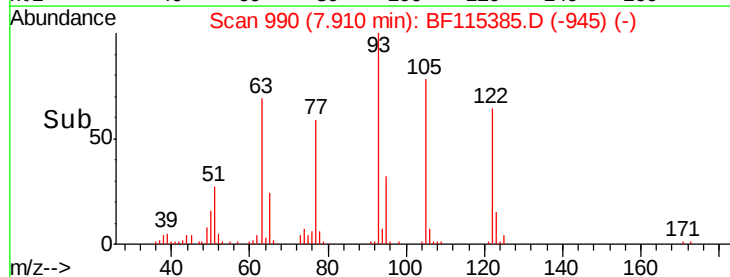
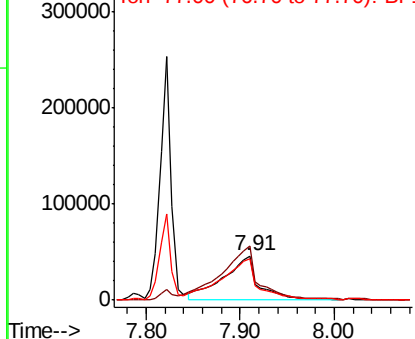


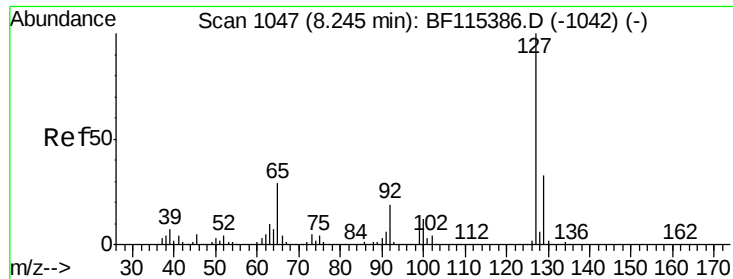
#32
Benzoic acid
Concen: 16.370 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:122 Resp: 117028
Ion Ratio Lower Upper
122 100
105 122.1 105.1 145.1
77 92.1 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

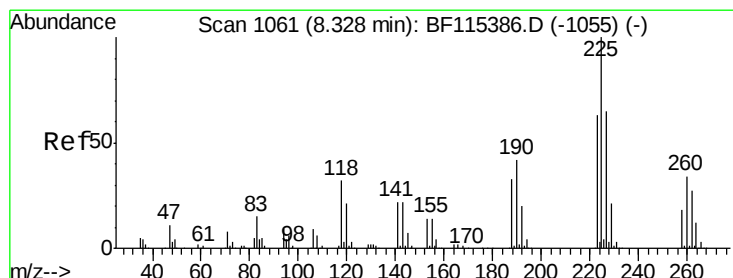
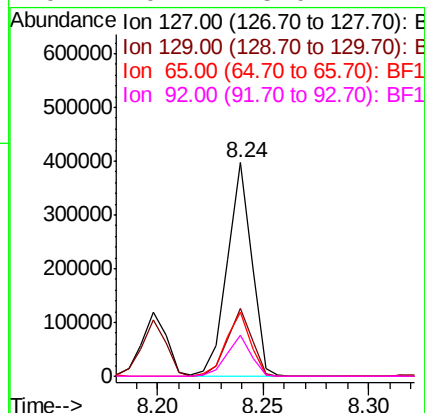
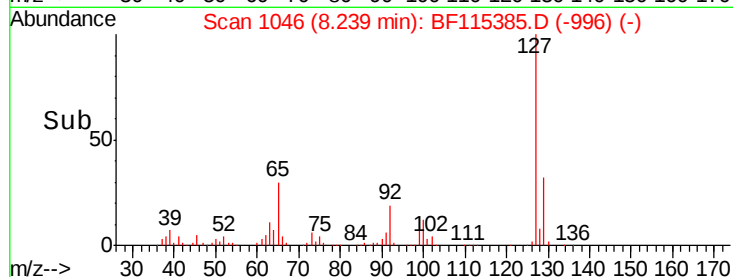
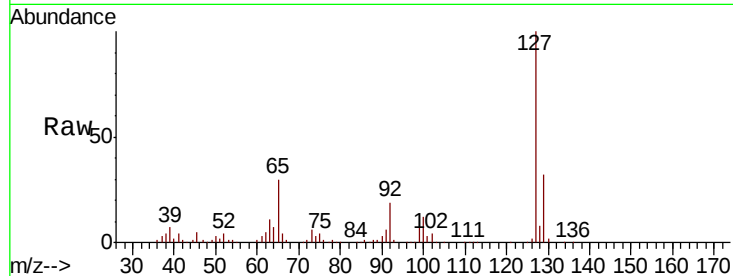




#33
4-Chloroaniline
Concen: 20.415 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

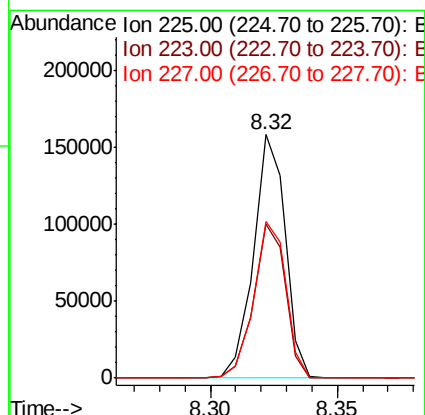
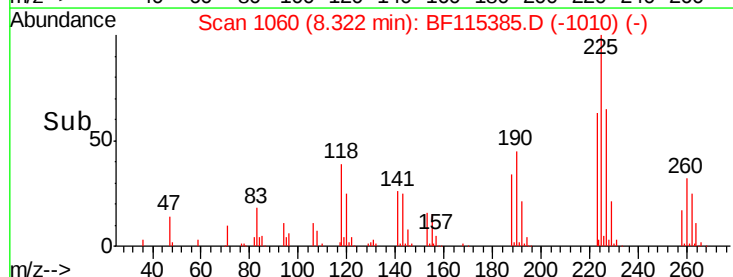
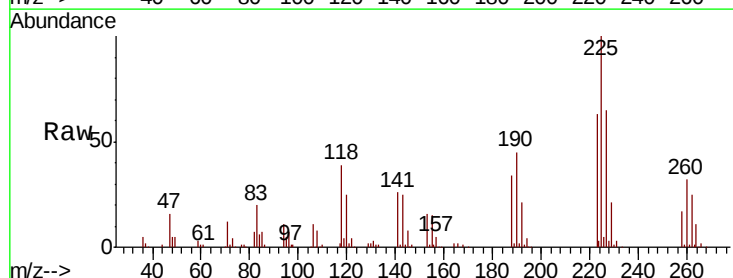
Instrument :
BNA_F
ClientSampleId :

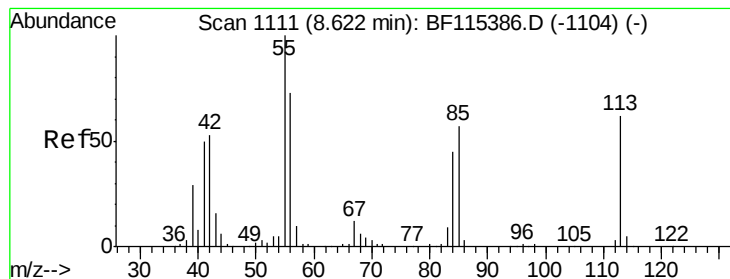
Tot Ion:	127	Resp:	316765
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	30.2	23.3	34.9
92	19.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 22.133 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:	225	Resp:	138472
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	64.5	52.1	78.1





#35

Caprolactam

Concen: 18.356 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

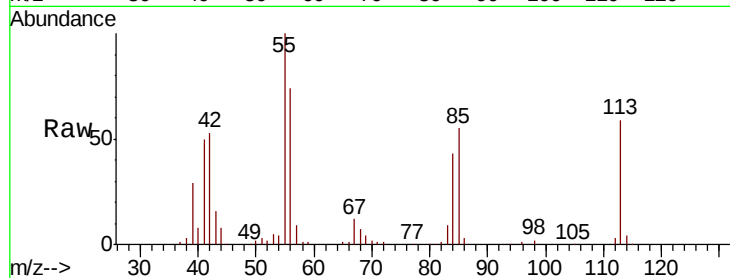
Tot Ion:113 Resp: 63785

Ion Ratio Lower Upper

113 100

55 169.8 141.9 181.9

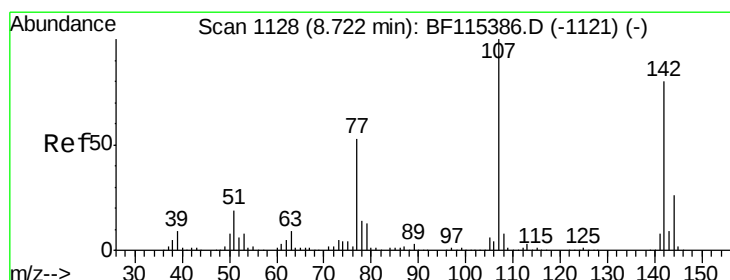
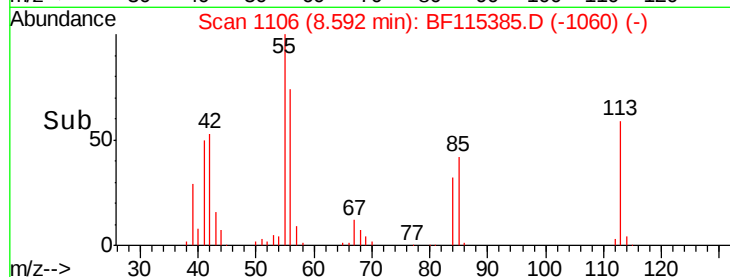
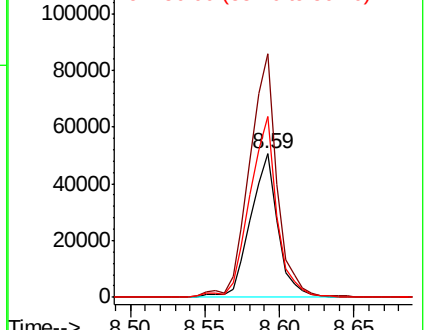
56 125.9 98.7 138.7



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: 21.391 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

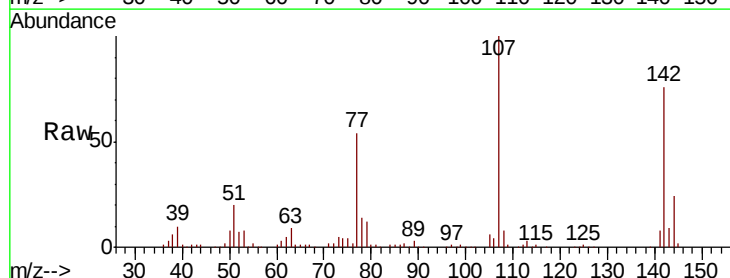
Tgt Ion:107 Resp: 223901

Ion Ratio Lower Upper

107 100

144 23.7 20.8 31.2

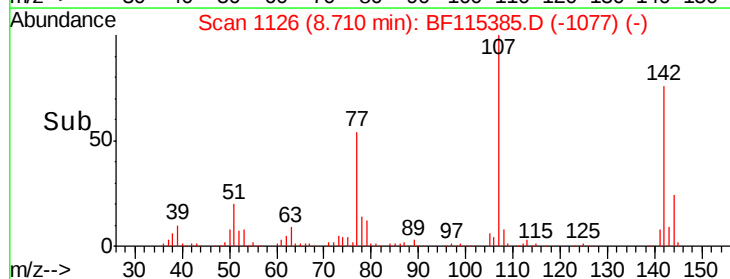
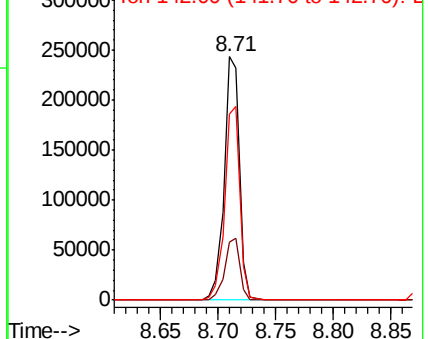
142 76.2 64.0 96.0

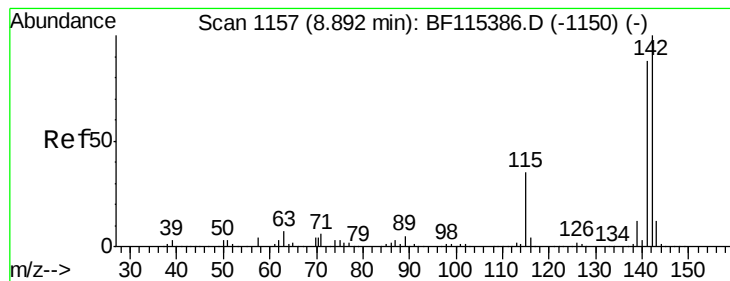


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 21.772 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

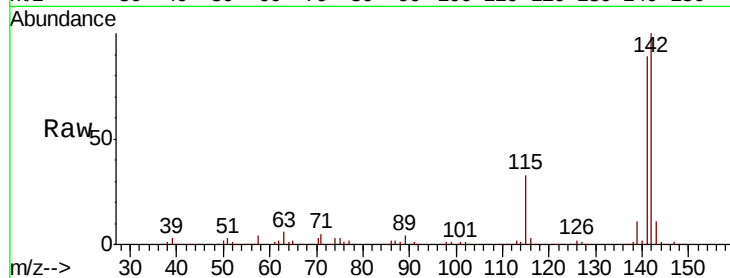
Tot Ion:142 Resp: 498401

Ion Ratio Lower Upper

142 100

141 88.8 70.6 106.0

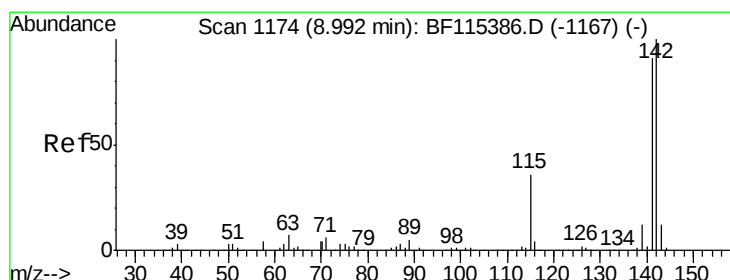
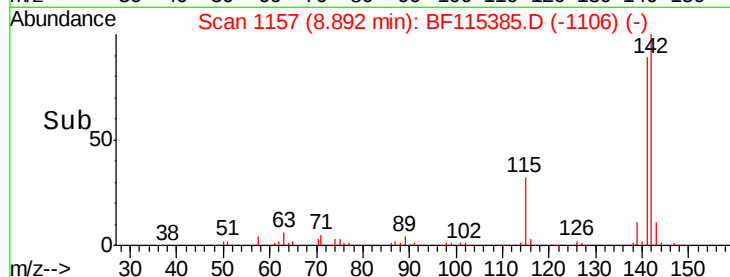
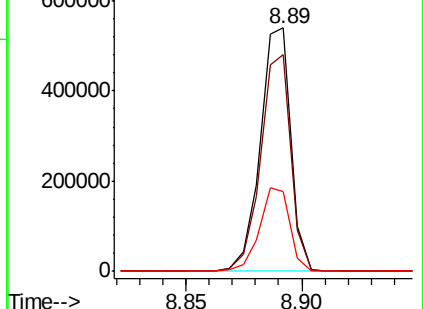
115 32.5 27.8 41.8



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: 21.706 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

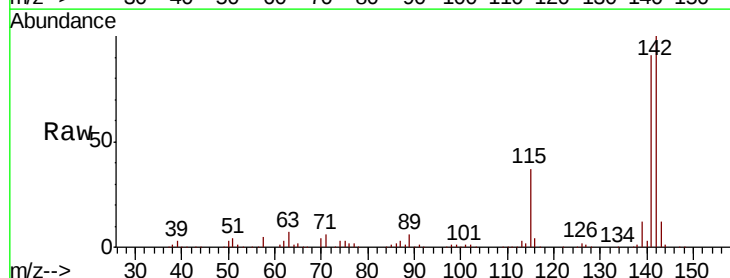
Tgt Ion:142 Resp: 474564

Ion Ratio Lower Upper

142 100

141 91.5 72.7 109.1

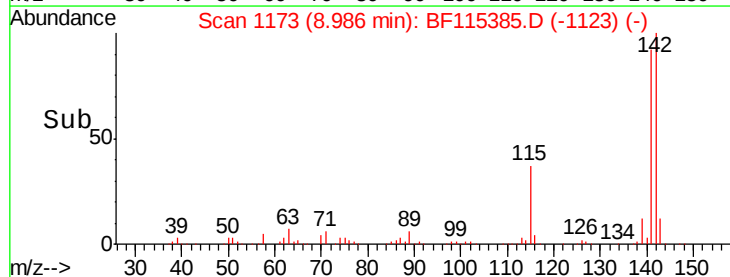
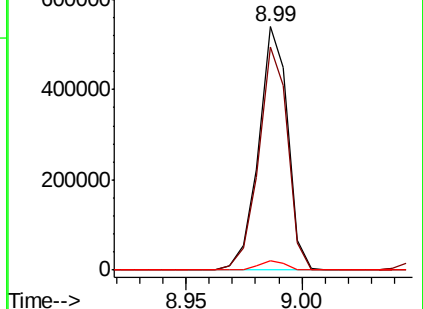
116 3.9 3.0 4.4

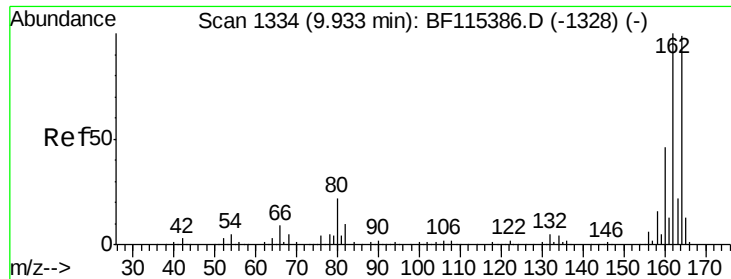


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

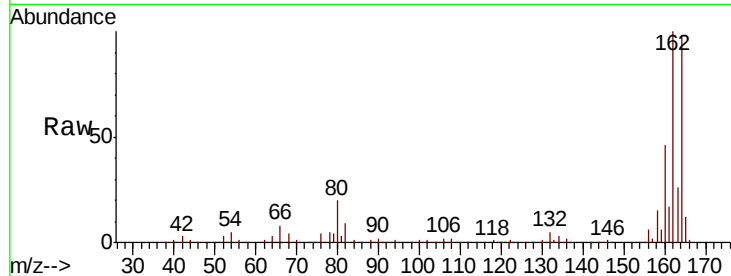




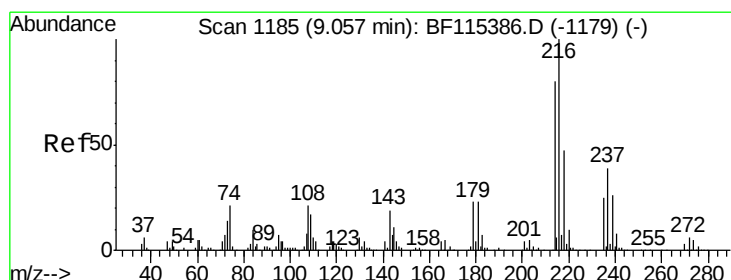
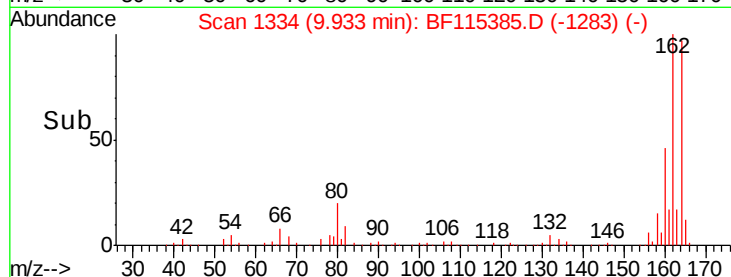
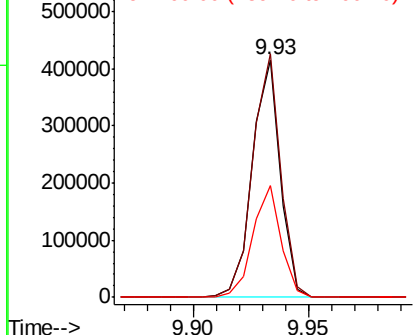
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 350334
Ion Ratio Lower Upper
164 100
162 102.6 80.6 121.0
160 47.3 37.0 55.6

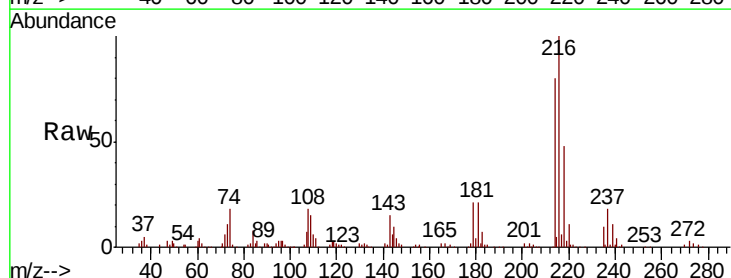


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

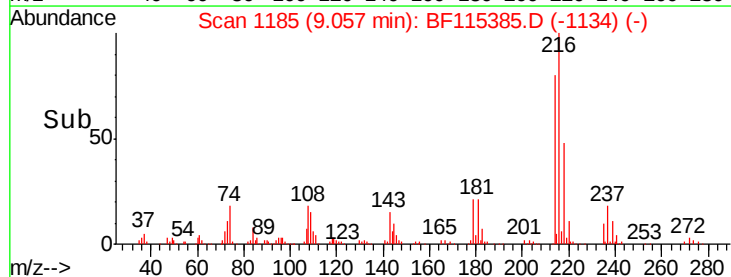
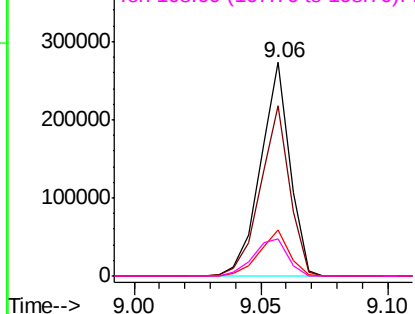


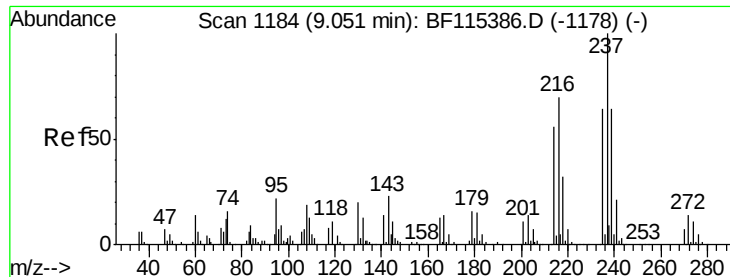
#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.123 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:216 Resp: 219017
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.6 17.8 26.8
108 20.6 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: 20.320 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

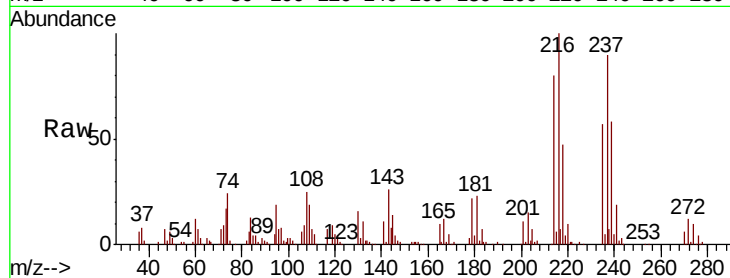
Tot Ion:237 Resp: 119282

Ion Ratio Lower Upper

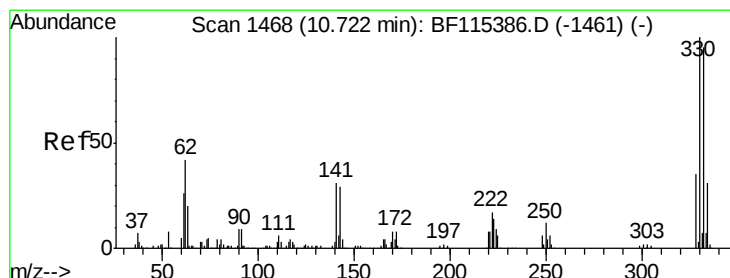
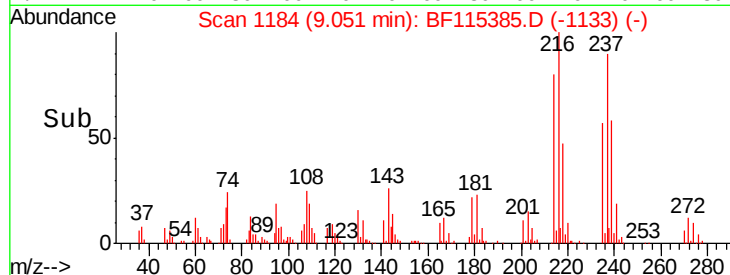
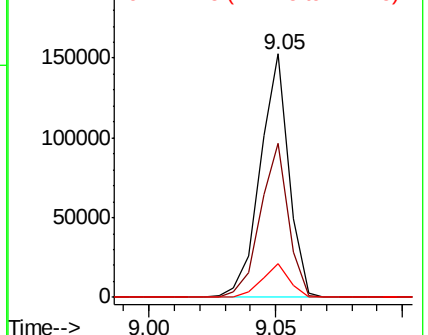
237 100

235 63.3 44.4 84.4

272 13.7 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: 43.171 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

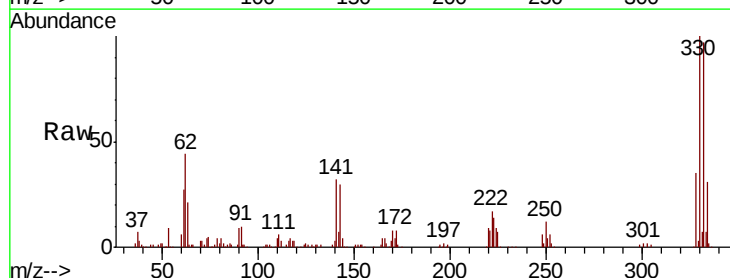
Tgt Ion:330 Resp: 159489

Ion Ratio Lower Upper

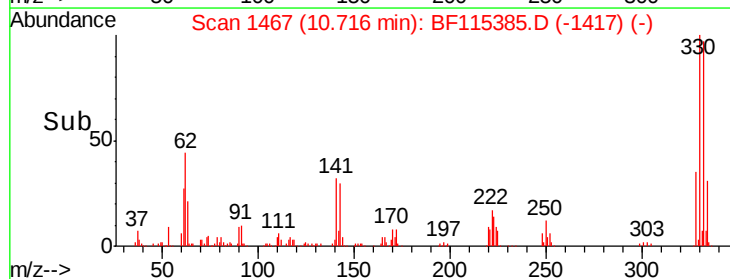
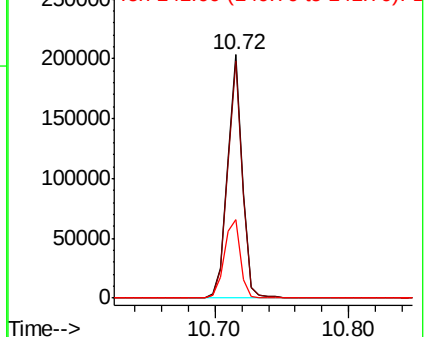
330 100

332 97.6 76.3 114.5

141 35.6 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

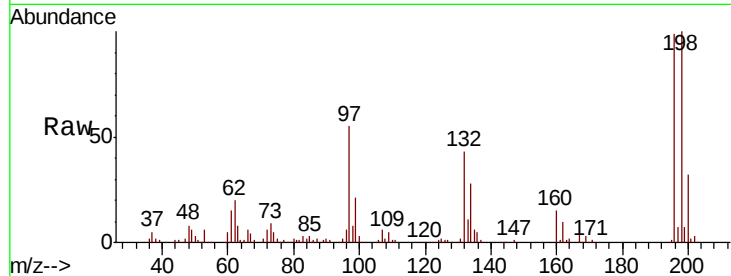




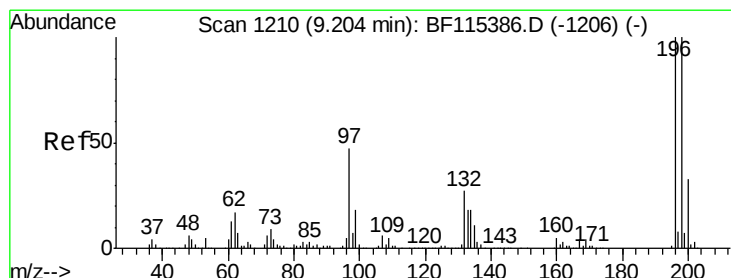
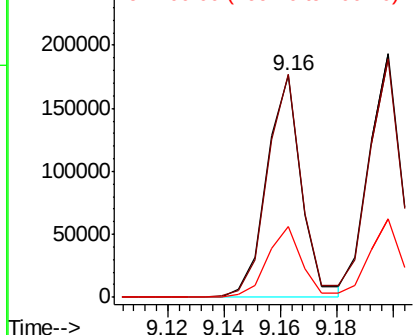
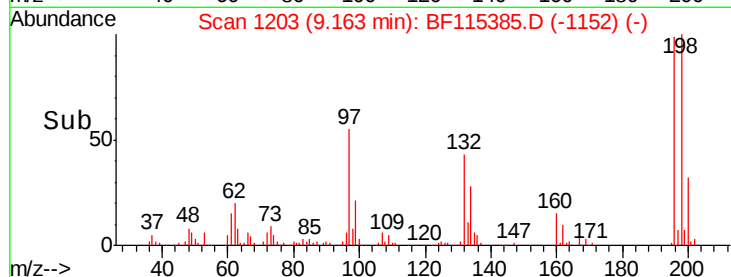
#43
 2,4,6-Trichlorophenol
 Concen: 19.622 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 149974
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.5 119.3
 200 31.8 25.8 38.8

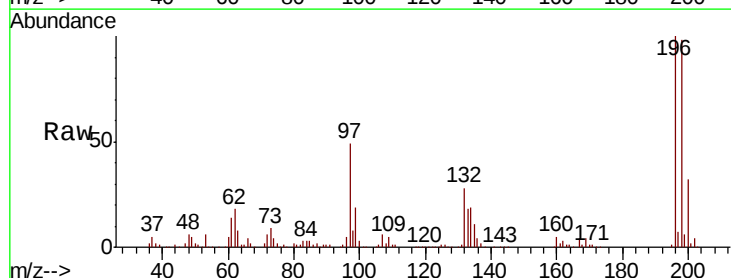


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

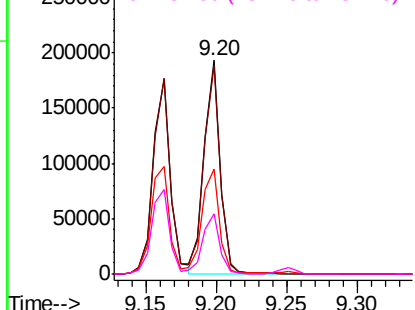
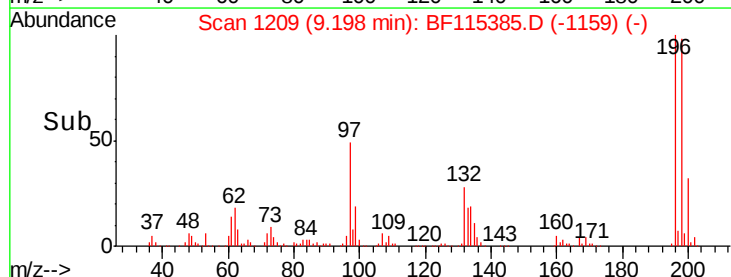


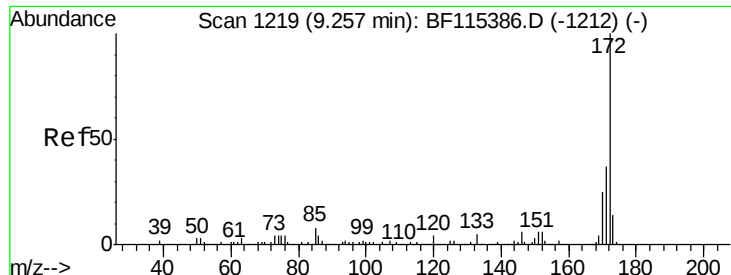
#44
 2,4,5-Trichlorophenol
 Concen: 19.671 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Tgt Ion:196 Resp: 154827
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.3 120.5
 97 49.0 38.3 57.5
 132 28.5 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

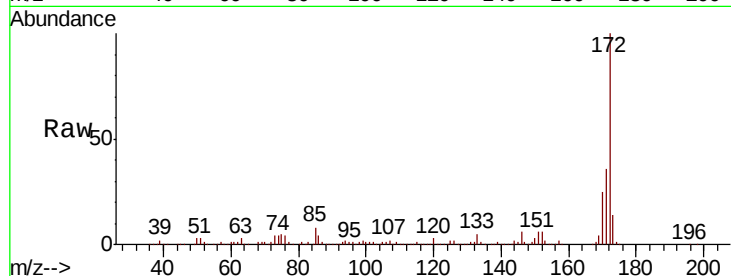




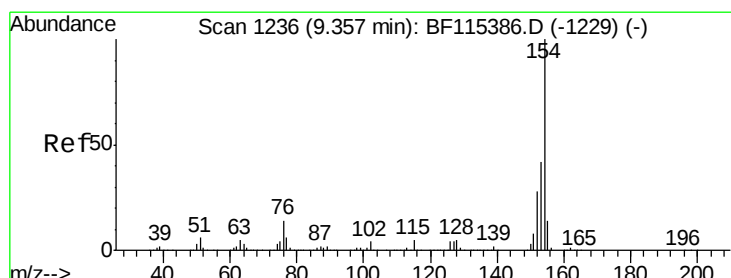
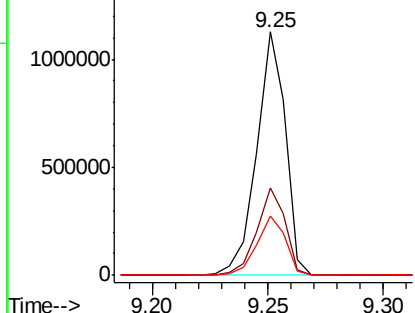
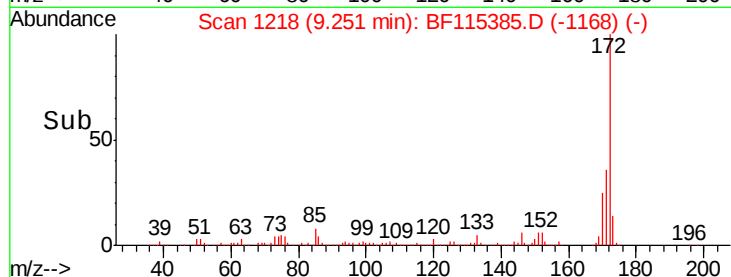
#45
2-Fluorobiphenyl
Concen: 47.571 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 981124
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.8
170 24.5 20.2 30.4

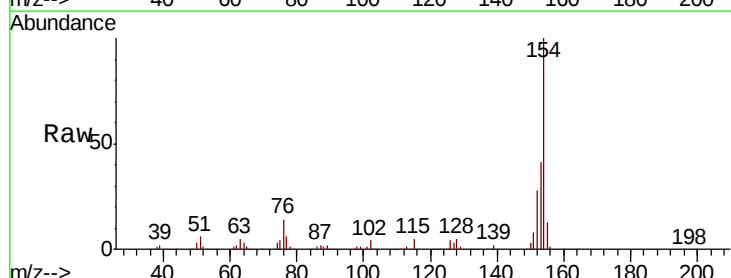


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

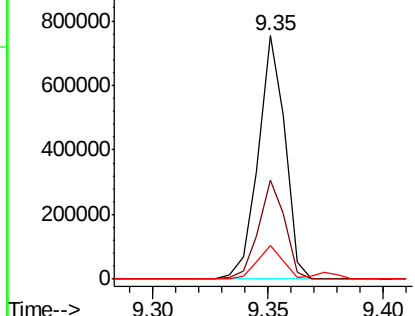
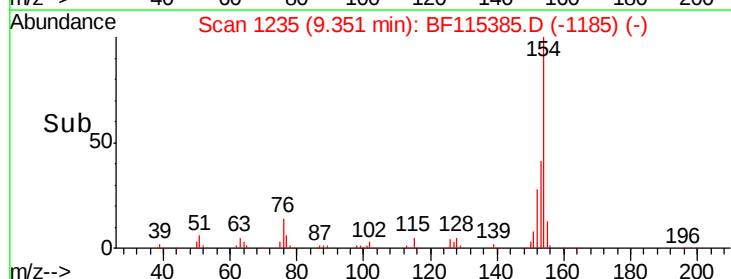


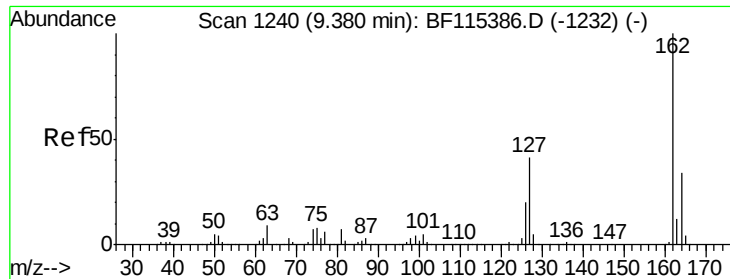
#46
1,1'-Biphenyl
Concen: 21.763 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:154 Resp: 610059
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 13.9 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

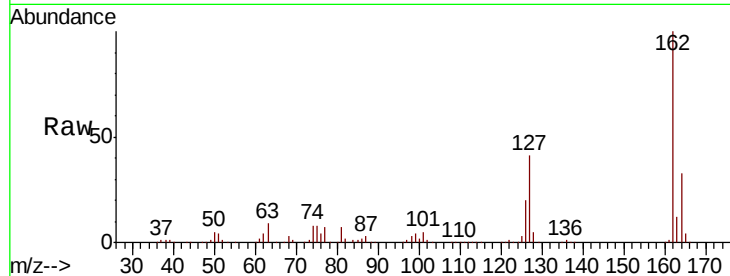




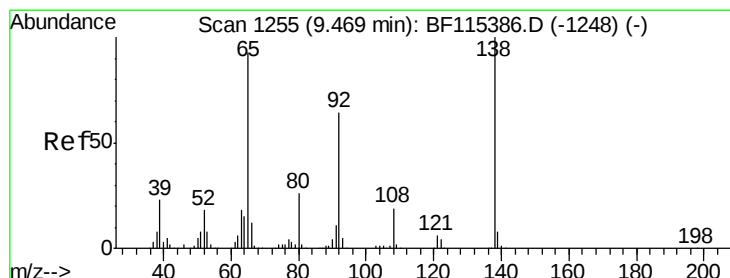
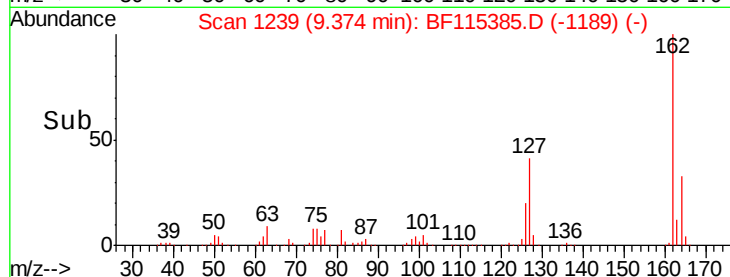
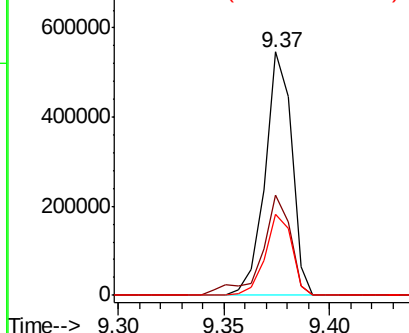
#47
 2-Chloronaphthalene
 Concen: 21.247 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.8	49.2
164	33.3	27.0	40.6

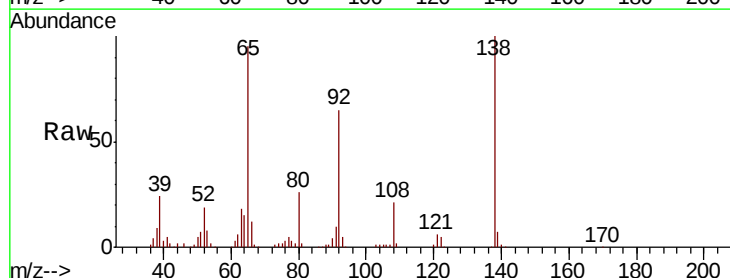


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

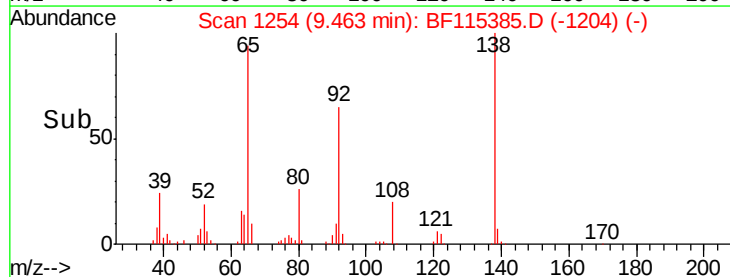
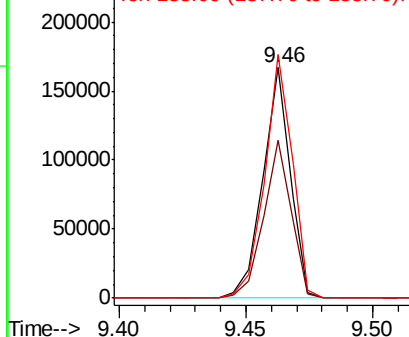


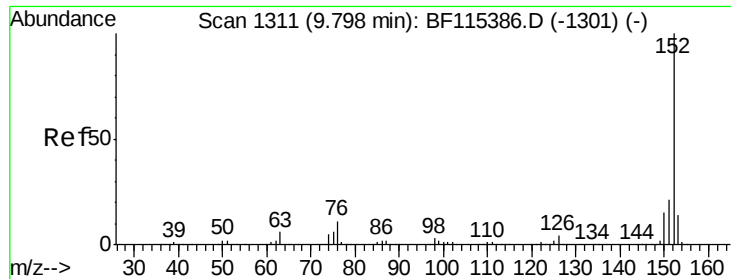
#48
 2-Nitroaniline
 Concen: 19.108 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.4	83.0
138	105.5	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: 21.009 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

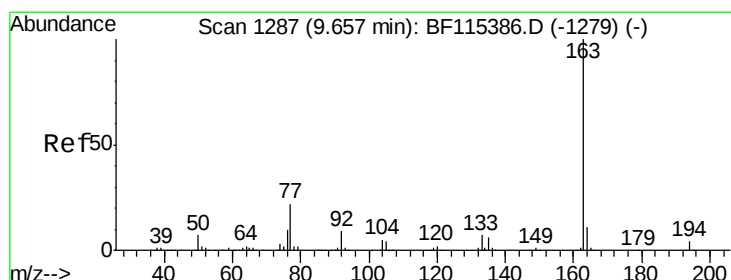
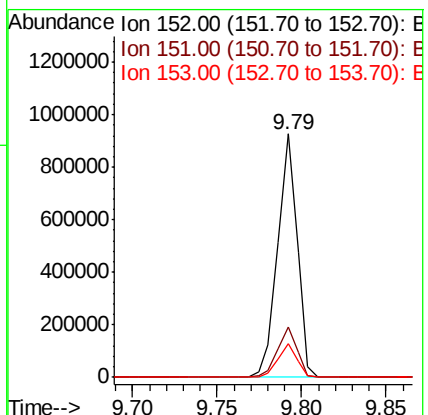
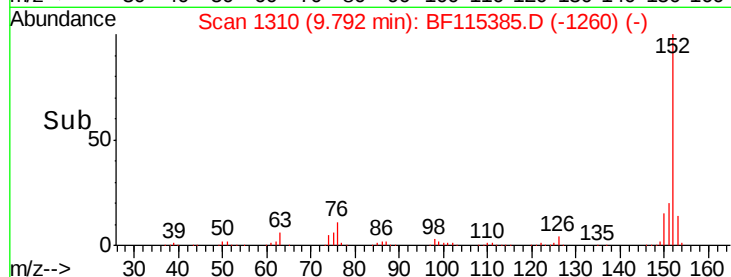
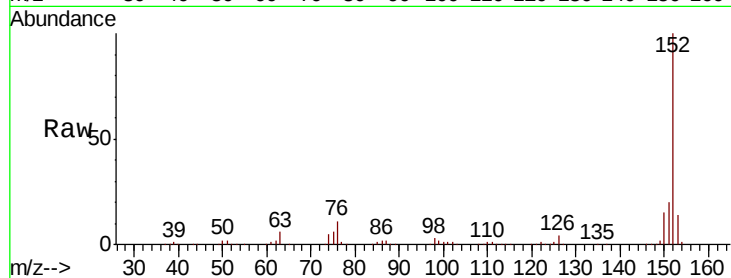
Tot Ion:152 Resp: 744274

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

153 14.1 11.4 17.2



#50

Dimethylphthalate

Concen: 21.767 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

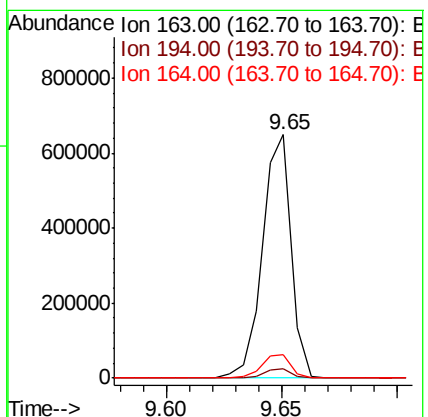
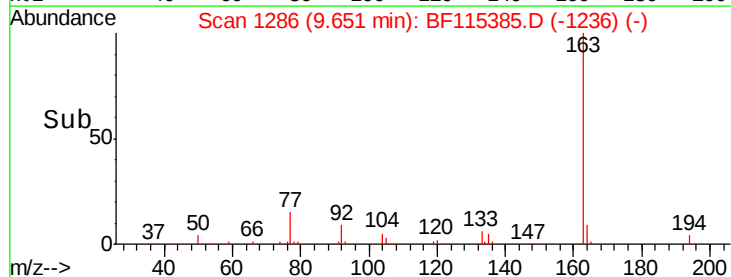
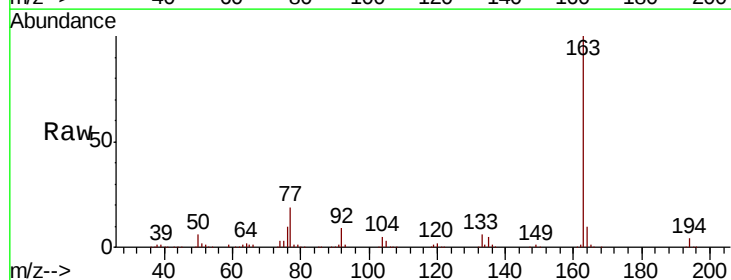
Tgt Ion:163 Resp: 561031

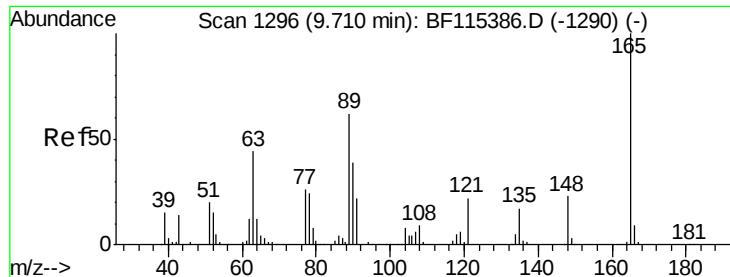
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 18.704 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

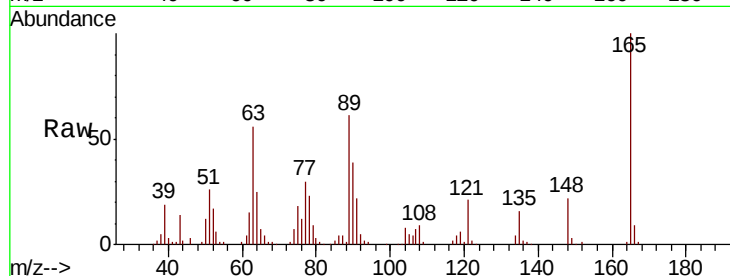
Tot Ion:165 Resp: 111302

Ion Ratio Lower Upper

165 100

63 56.0 45.8 68.6

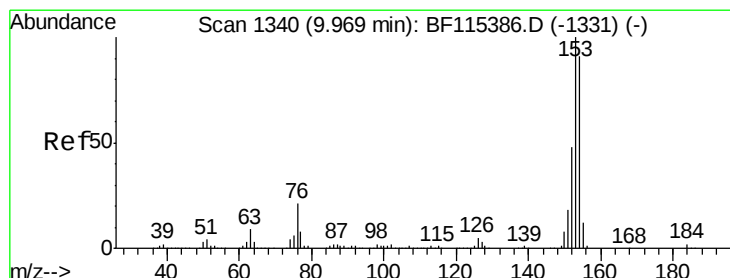
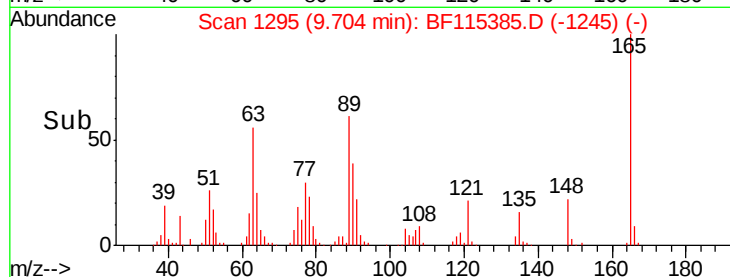
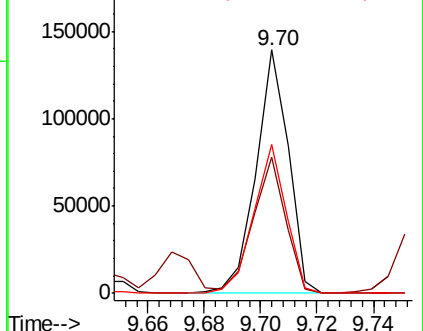
89 61.2 49.9 74.9



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: 20.791 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

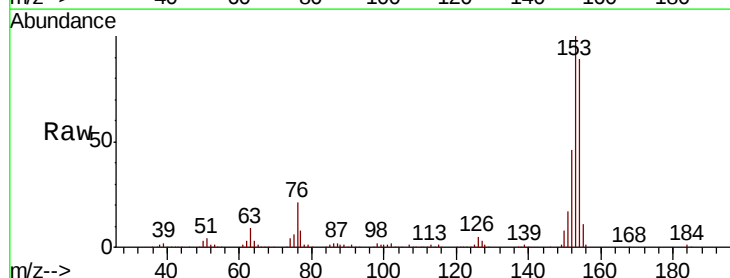
Tgt Ion:154 Resp: 460888

Ion Ratio Lower Upper

154 100

153 112.4 87.9 131.9

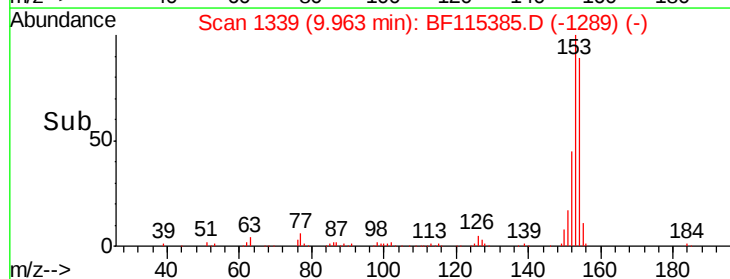
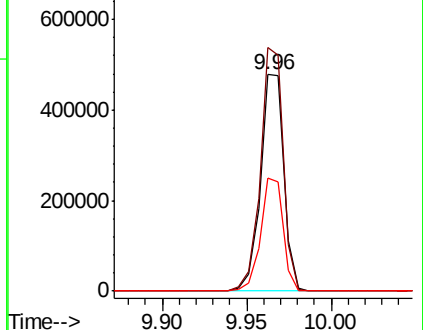
152 52.2 42.2 63.2

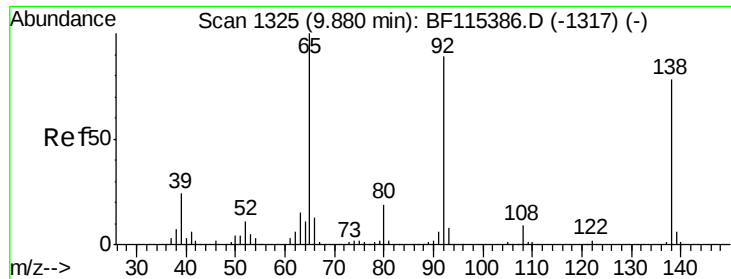


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

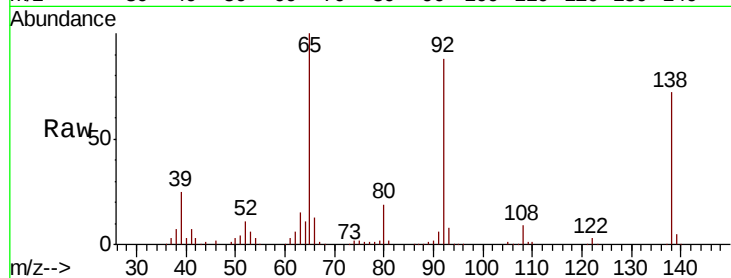




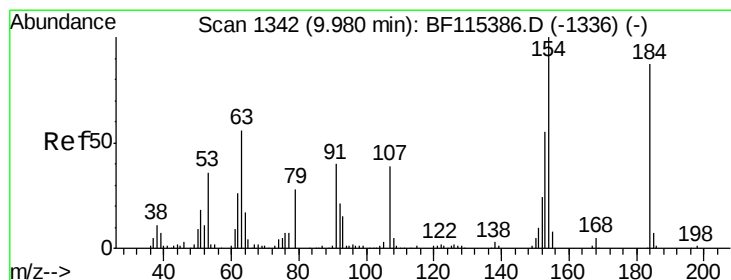
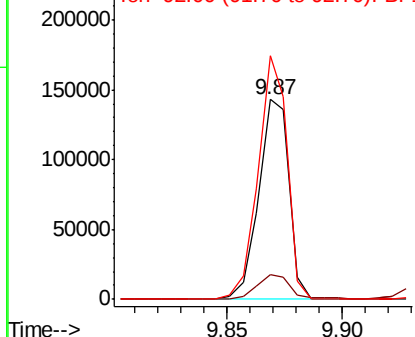
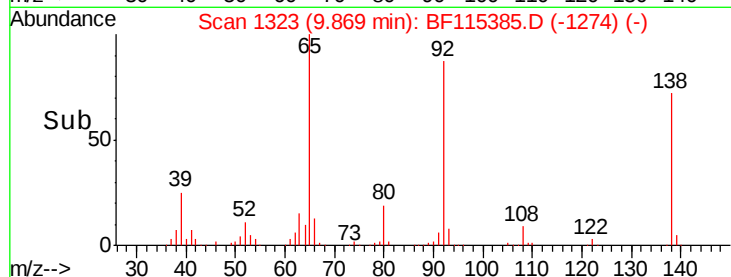
#53
3-Nitroaniline
Concen: 18.058 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 131135
Ion Ratio Lower Upper
138 100
108 12.6 9.0 13.4
92 121.7 90.5 135.7

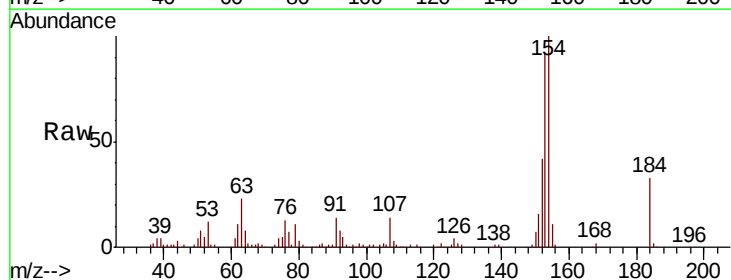


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

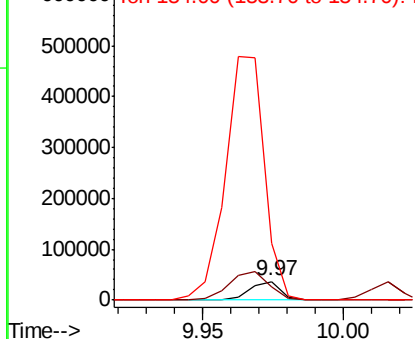
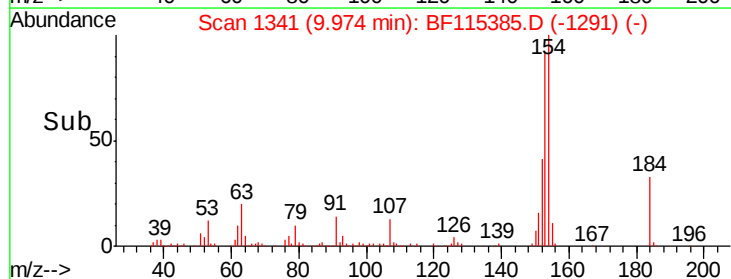


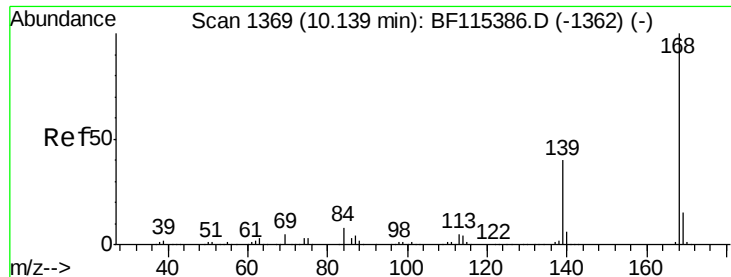
#54
2,4-Dinitrophenol
Concen: 10.666 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:184 Resp: 27999
Ion Ratio Lower Upper
184 100
63 68.7 52.1 78.1
154 302.2 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

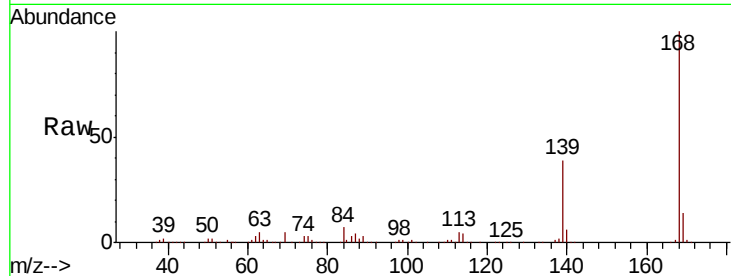




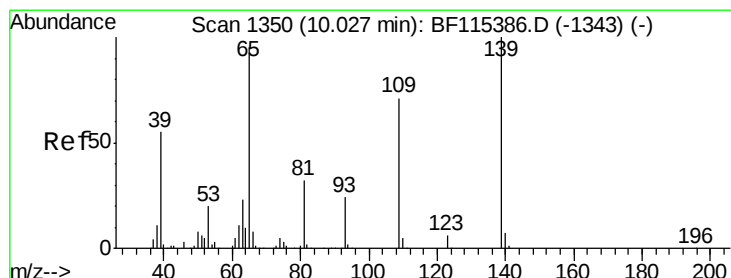
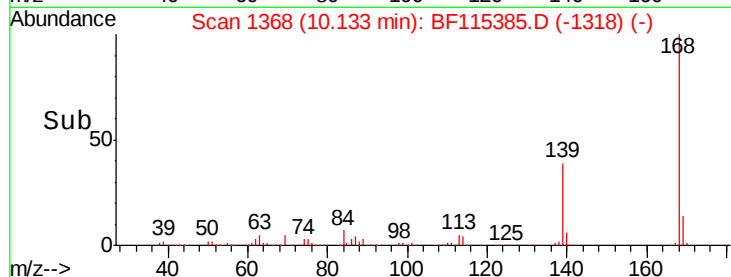
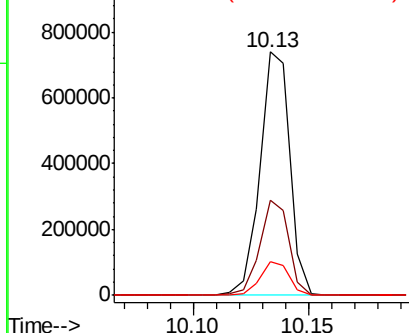
#55
Dibenzenofuran
Concen: 20.991 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 667890
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2
169 13.8 11.7 17.5

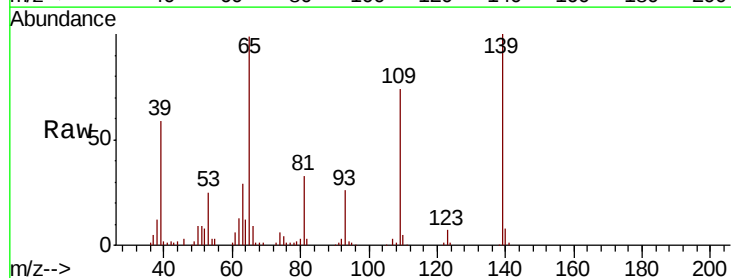


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

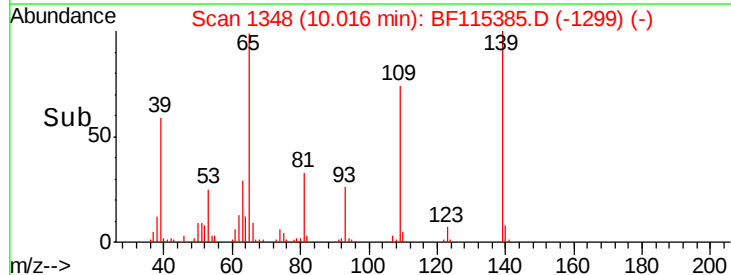
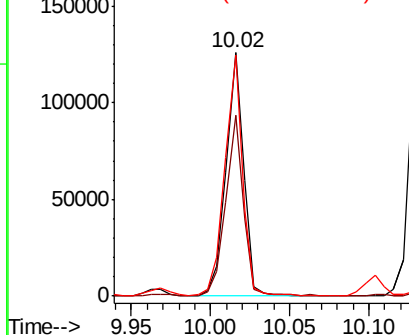


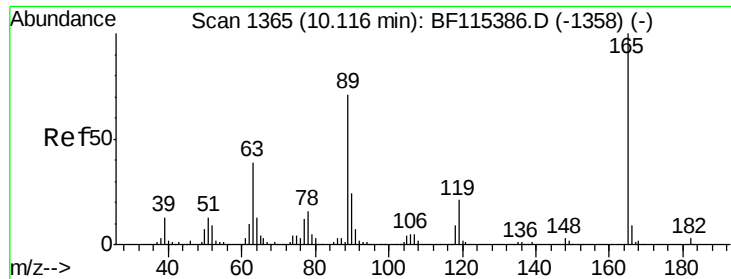
#56
4-Nitrophenol
Concen: 16.804 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:139 Resp: 97826
Ion Ratio Lower Upper
139 100
109 74.2 51.1 91.1
65 99.1 75.2 115.2



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

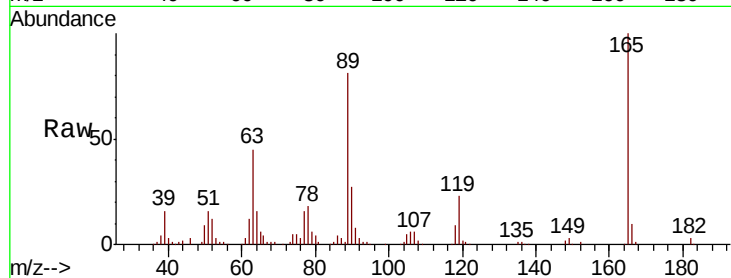




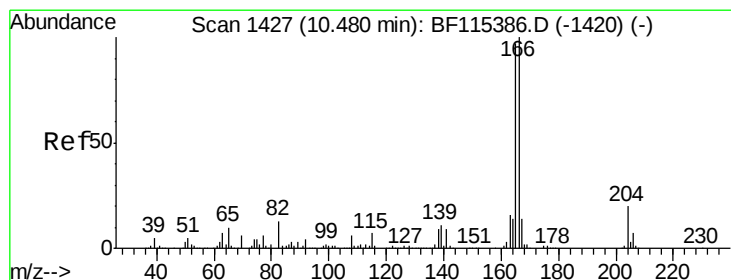
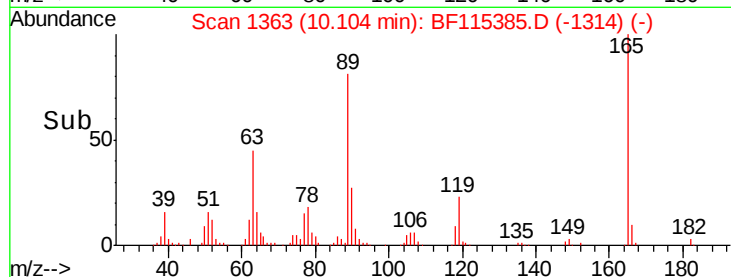
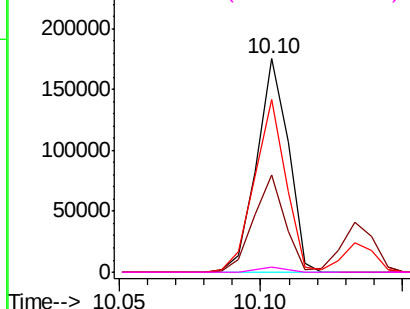
#57
2,4-Dinitrotoluene
Concen: 17.801 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 136775
Ion Ratio Lower Upper
165 100
63 45.4 31.4 47.0
89 80.7 57.1 85.7
182 2.6 2.2 3.2

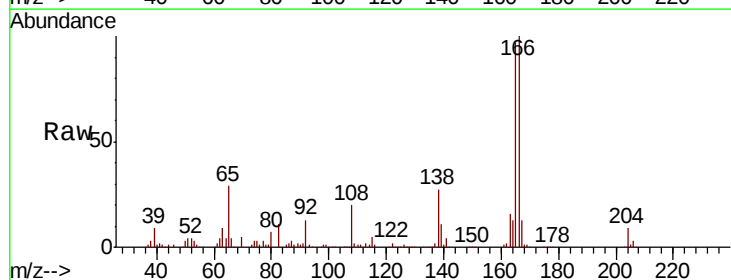


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

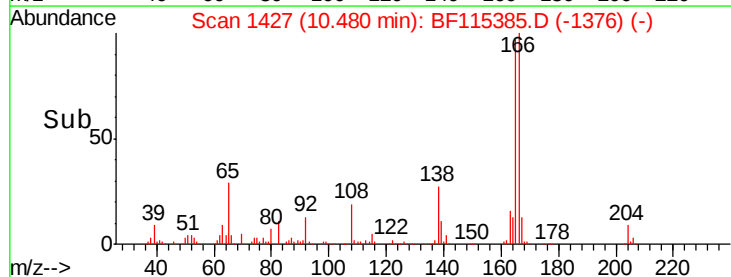
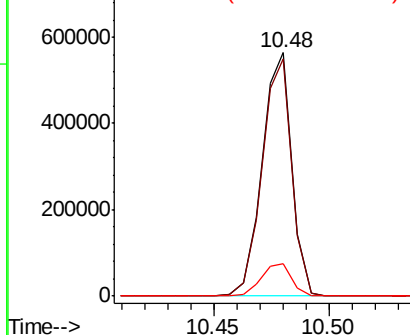


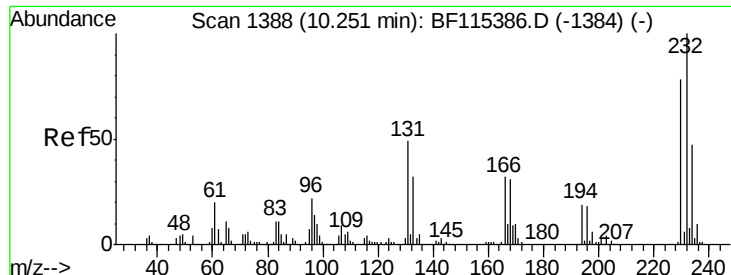
#58
Fluorene
Concen: 21.239 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:166 Resp: 502953
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 13.2 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

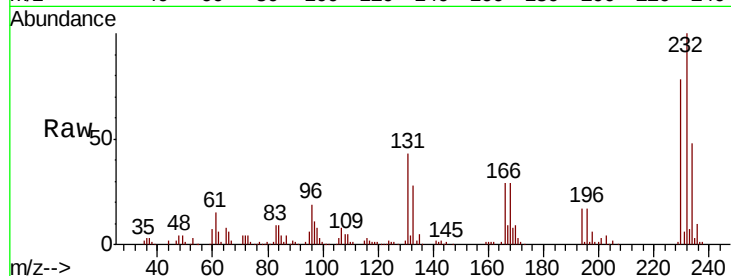




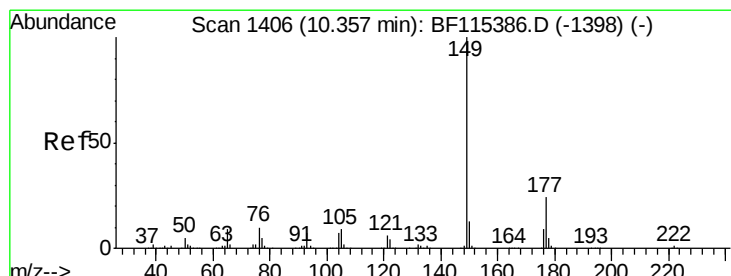
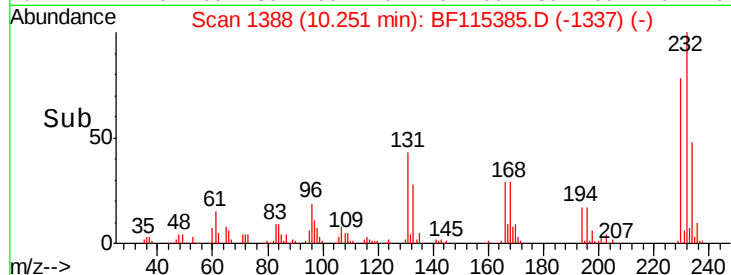
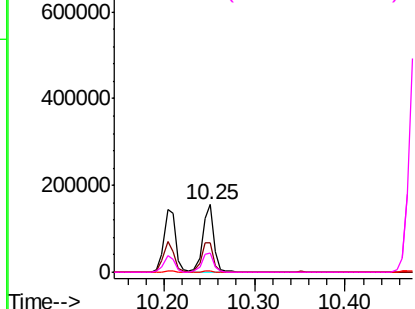
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.663 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 136374
Ion Ratio Lower Upper
232 100
131 47.0 36.6 55.0
130 2.4 1.8 2.8
166 30.3 24.6 36.8

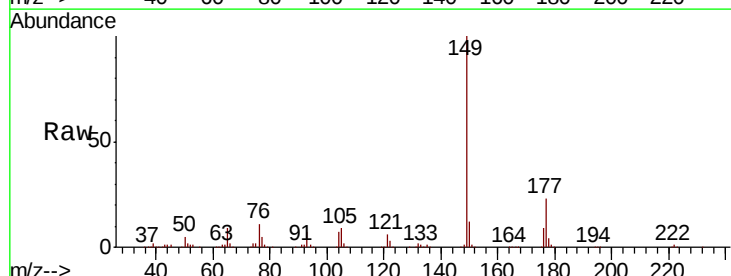


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

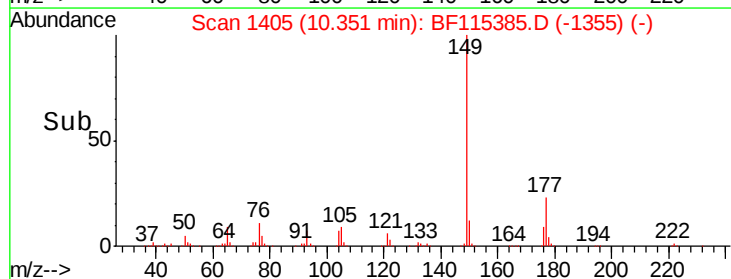
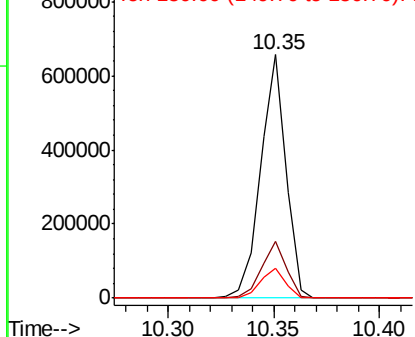


#60
Diethylphthalate
Concen: 21.144 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:149 Resp: 547815
Ion Ratio Lower Upper
149 100
177 23.3 18.8 28.2
150 12.4 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

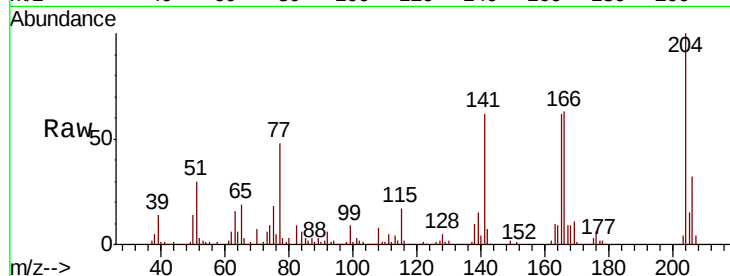




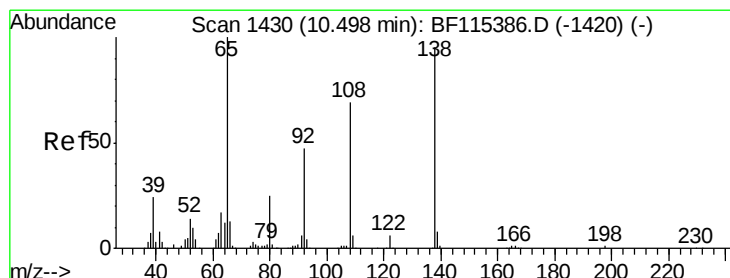
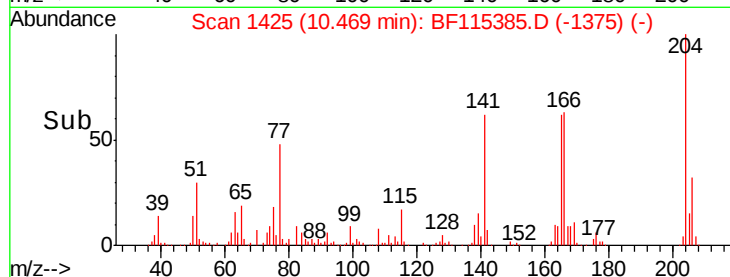
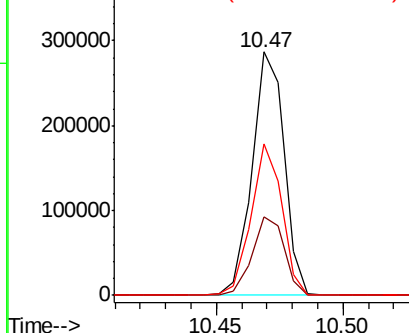
#61
4-Chlorophenyl-phenylether
Concen: 22.438 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 253390
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 62.0 45.8 68.6

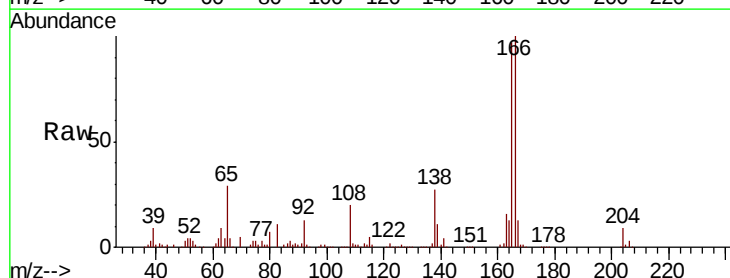


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

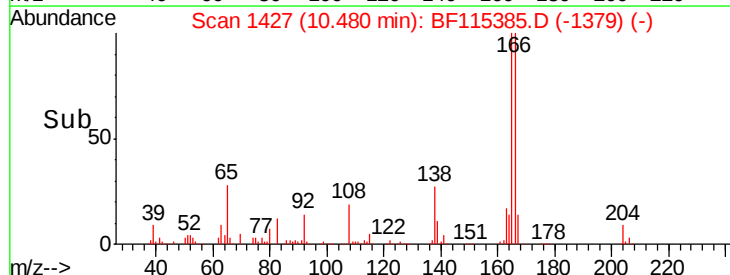
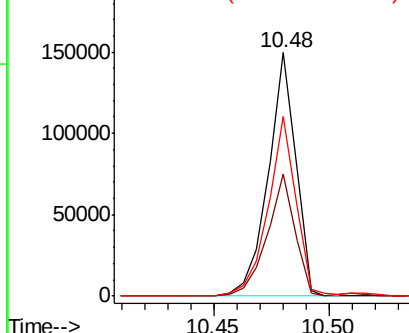


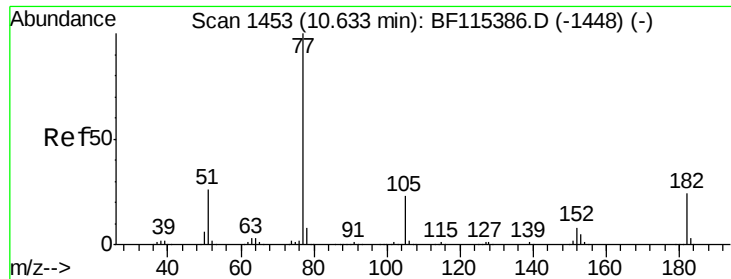
#62
4-Nitroaniline
Concen: 17.067 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:138 Resp: 124330
Ion Ratio Lower Upper
138 100
92 50.1 29.3 69.3
108 73.6 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: 23.608 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 571319

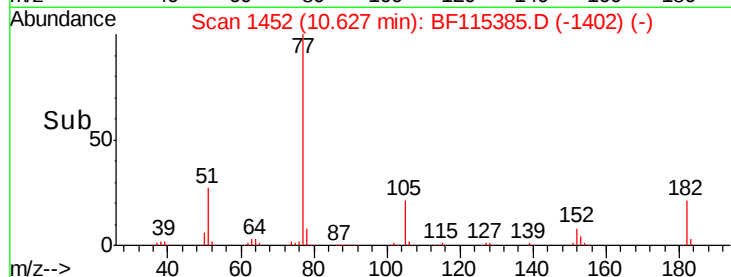
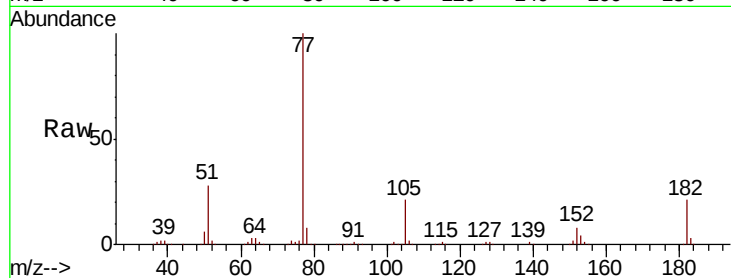
Ion Ratio Lower Upper

77 100

182 21.1 4.1 44.1

105 21.5 2.6 42.6

51 27.6 6.4 46.4

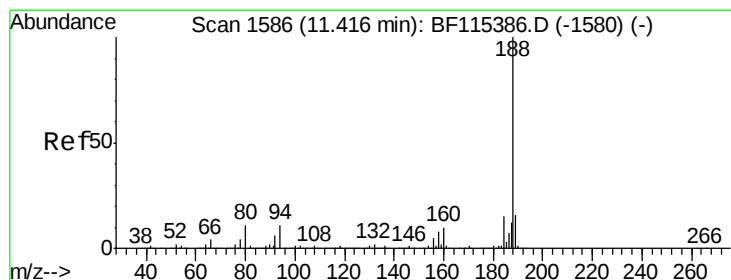
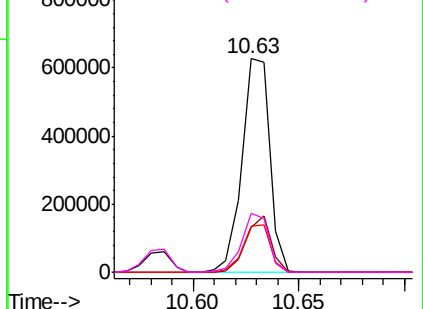


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF115385.D

Acq: 5 Jul 2019 9:17

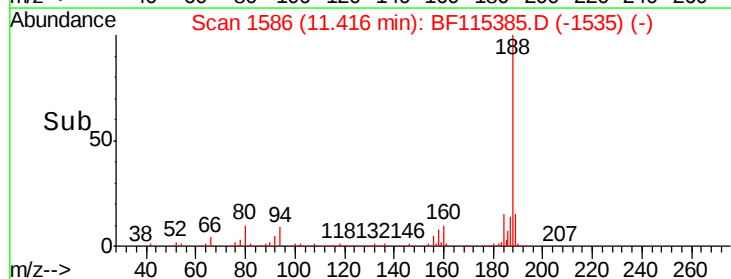
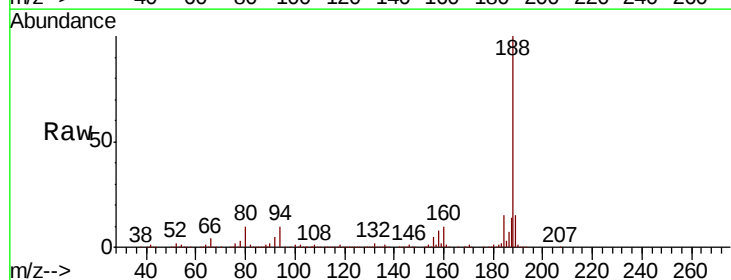
Tgt Ion: 188 Resp: 670272

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

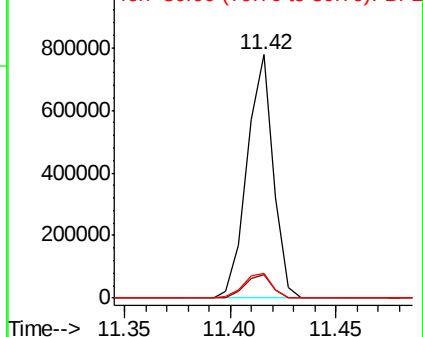
80 10.3 9.1 13.7



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

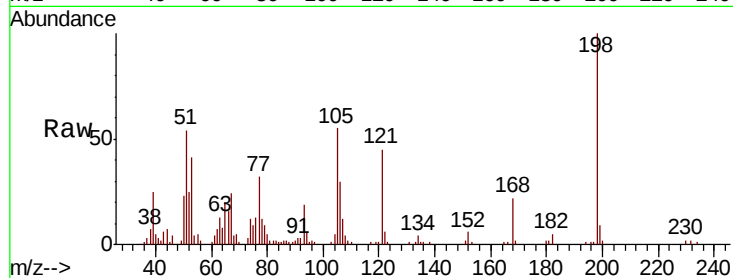




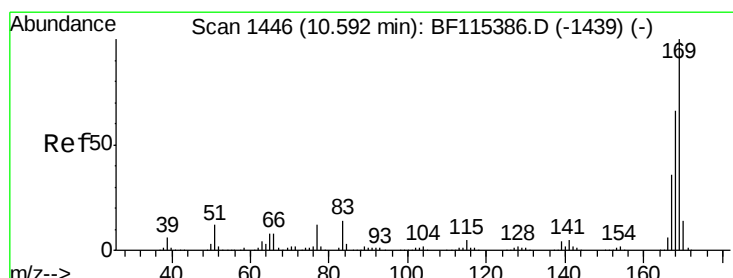
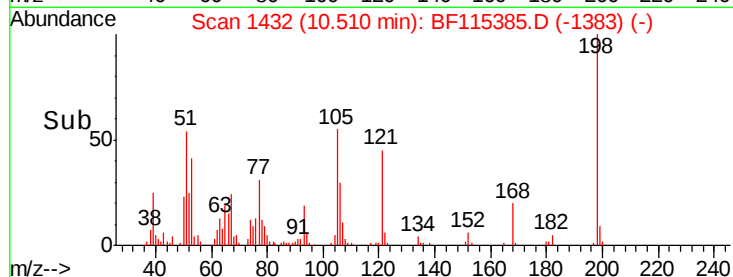
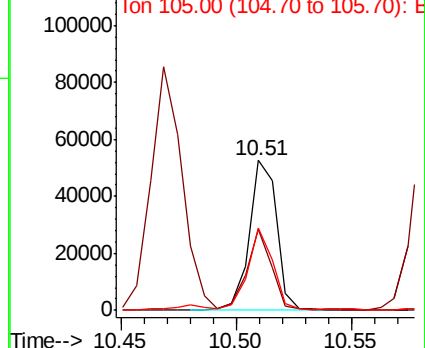
#65
4,6-Dinitro-2-methylphenol
Concen: 13.048 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 43555
Ion Ratio Lower Upper
198 100
51 53.8 25.4 65.4
105 54.8 27.9 67.9

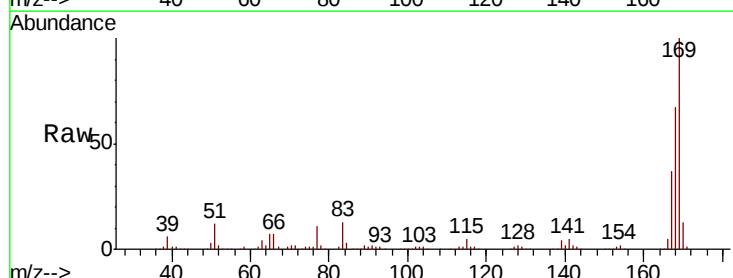


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

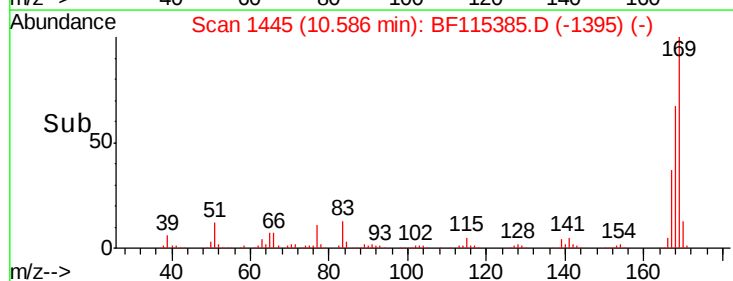
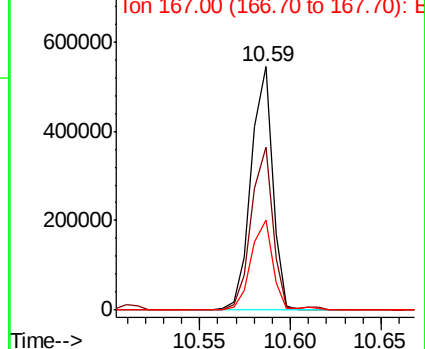


#66
n-Nitrosodiphenylamine
Concen: 21.528 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:169 Resp: 449547
Ion Ratio Lower Upper
169 100
168 66.9 52.6 79.0
167 37.0 29.2 43.8



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

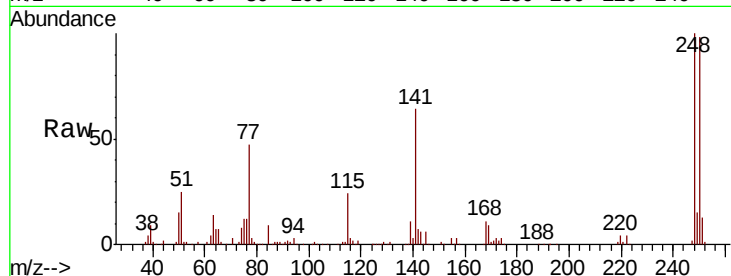




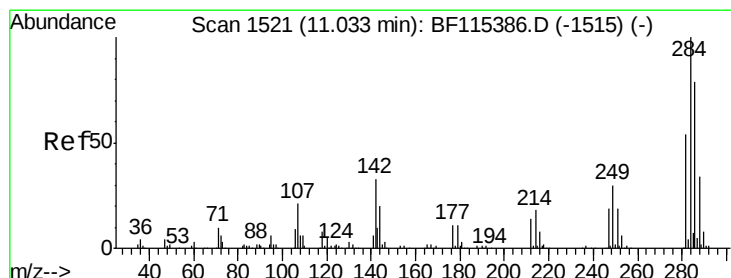
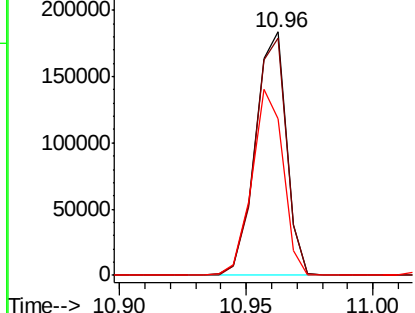
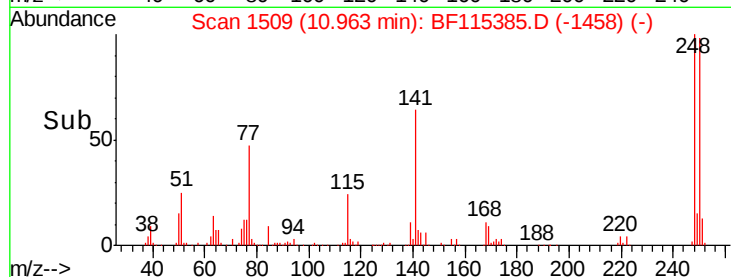
#67
4-Bromophenyl-phenylether
Concen: 21.737 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 157968
Ion Ratio Lower Upper
248 100
250 97.6 77.3 115.9
141 64.3 58.5 87.7

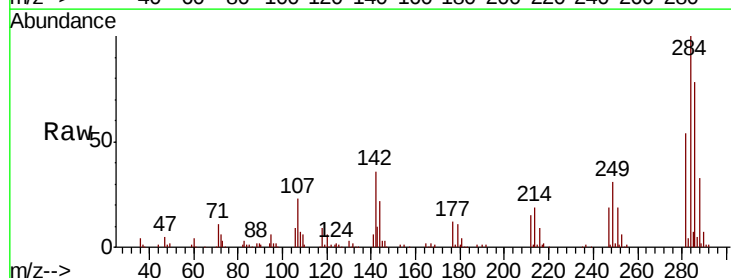


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

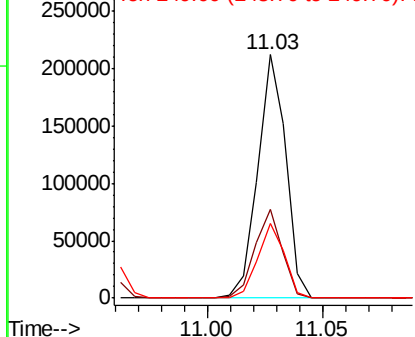
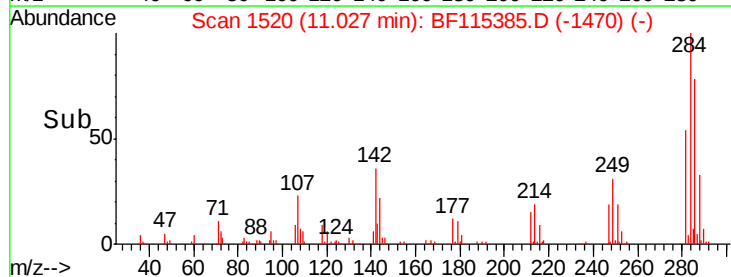


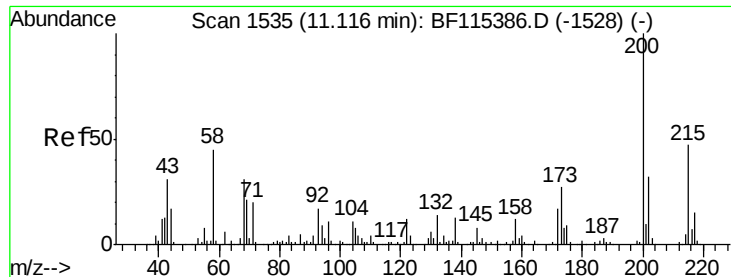
#68
Hexachlorobenzene
Concen: 22.786 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:284 Resp: 179736
Ion Ratio Lower Upper
284 100
142 36.3 26.5 39.7
249 30.5 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

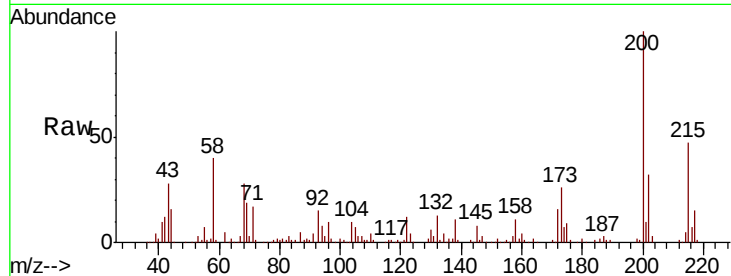




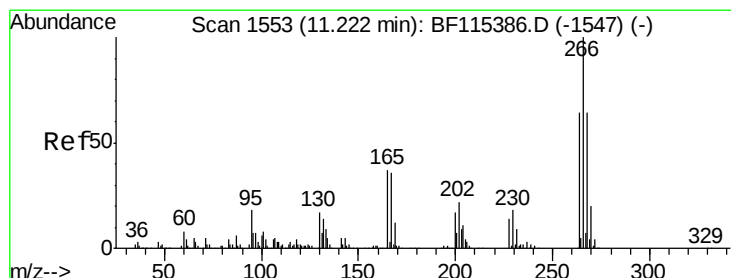
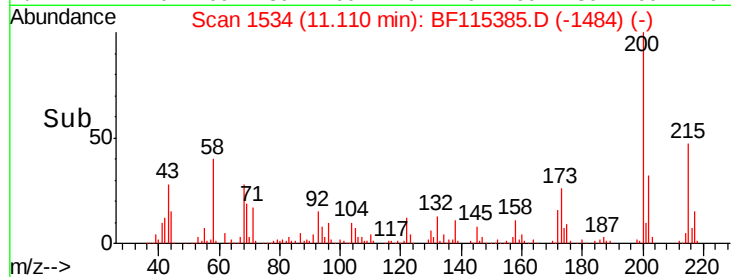
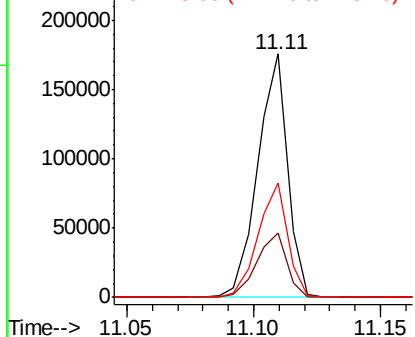
#69
Atrazine
Concen: 21.550 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 144760
Ion Ratio Lower Upper
200 100
173 26.3 7.1 47.1
215 47.2 27.5 67.5

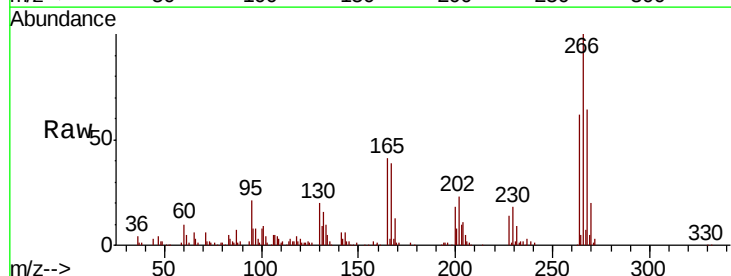


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

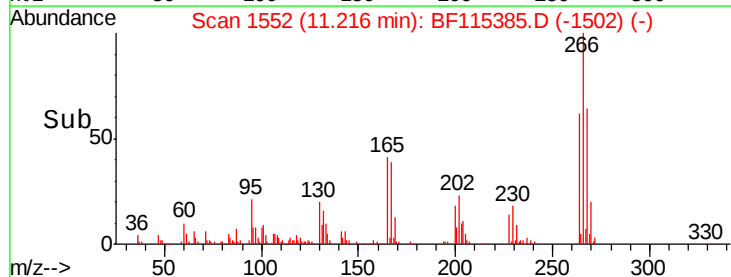
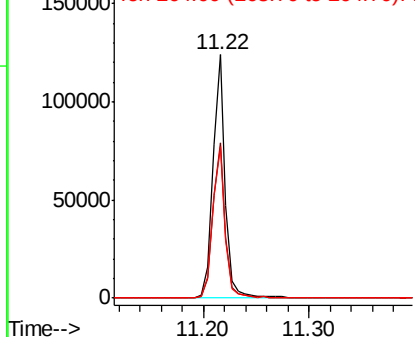


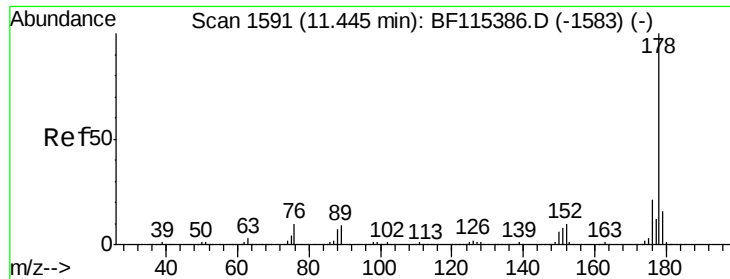
#70
Pentachlorophenol
Concen: 20.349 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:266 Resp: 102257
Ion Ratio Lower Upper
266 100
268 64.0 51.3 76.9
264 62.0 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

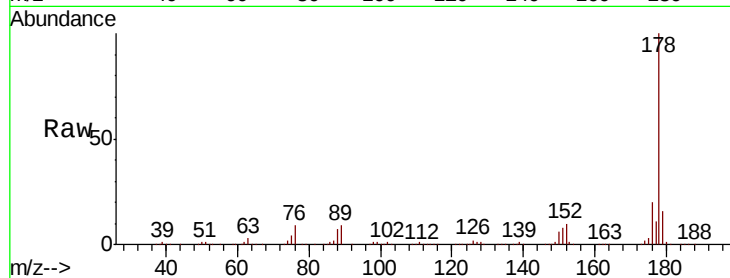




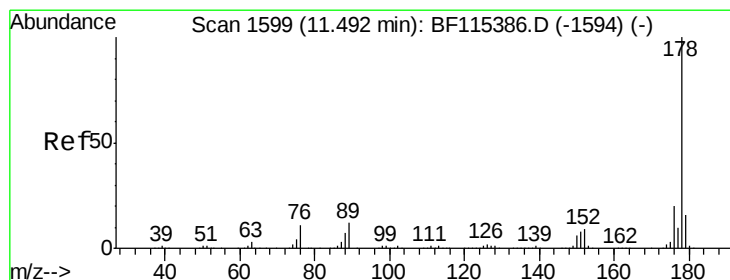
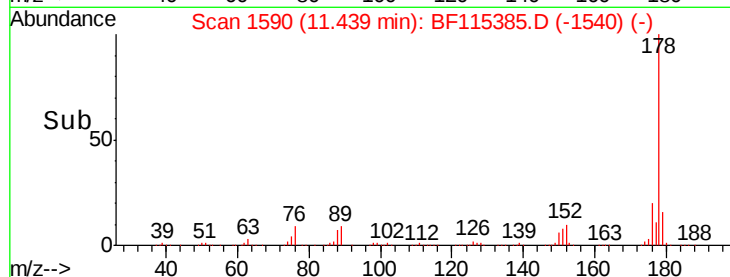
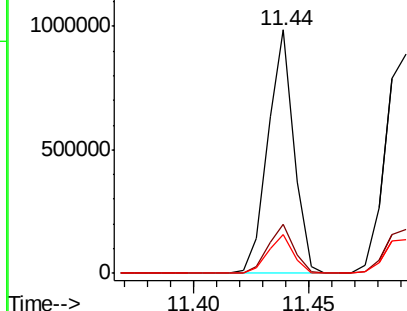
#71
Phenanthrene
Concen: 21.324 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 769543
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.8 13.0 19.6

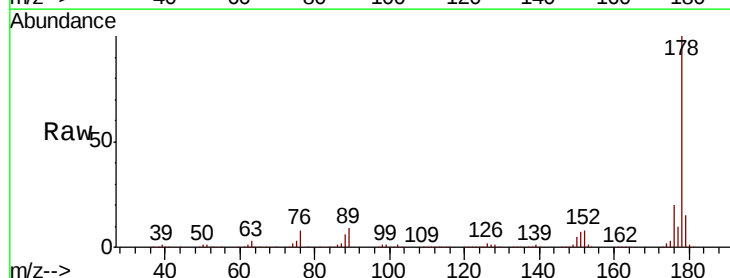


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

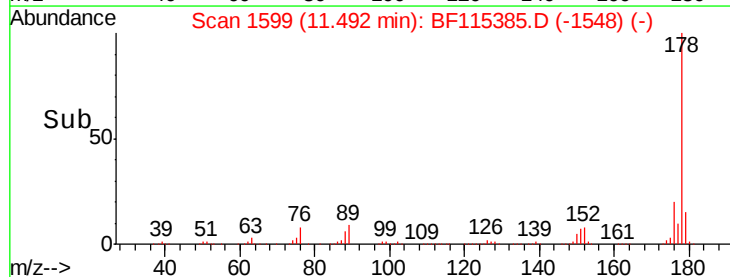
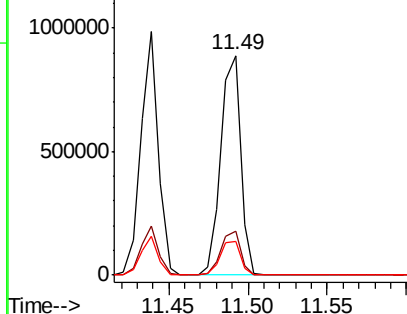


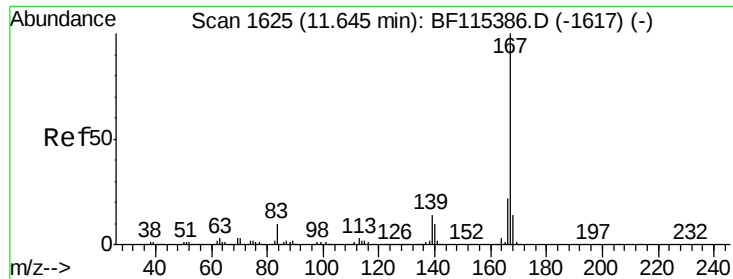
#72
Anthracene
Concen: 21.337 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:178 Resp: 777267
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

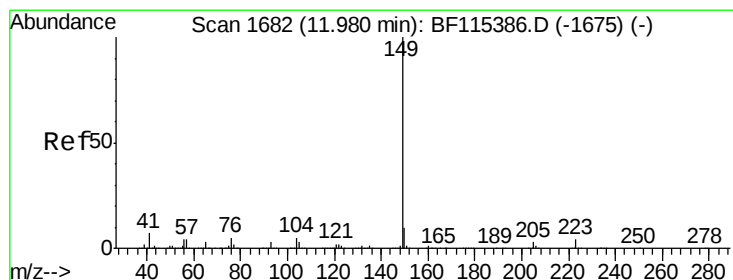
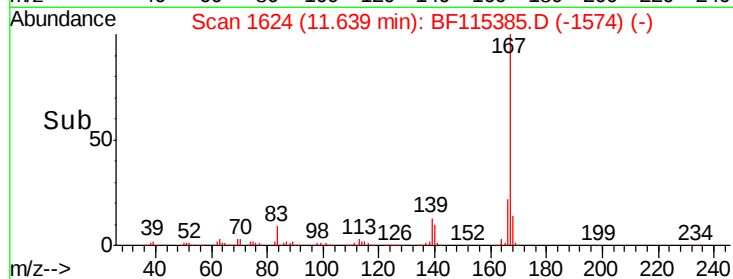
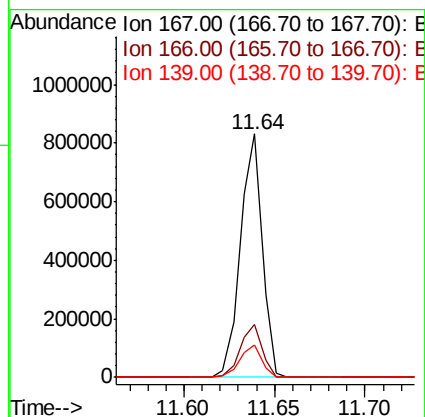
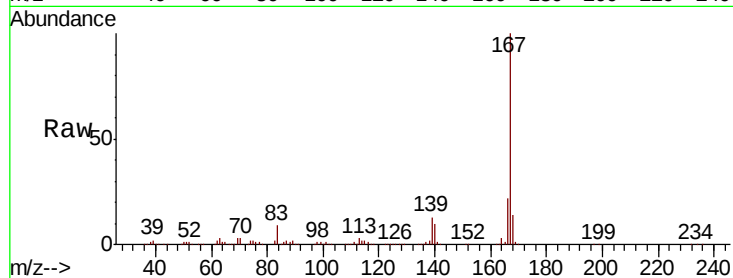




#73
 Carbazole
 Concen: 21.431 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

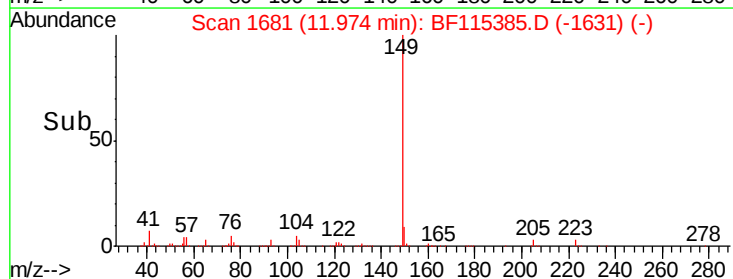
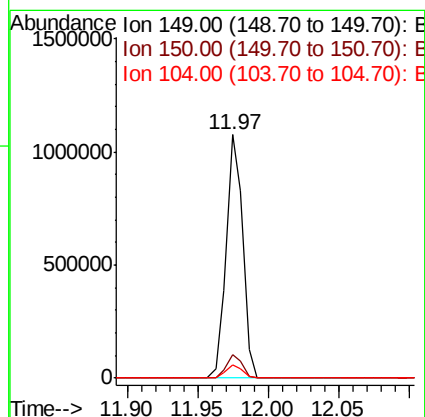
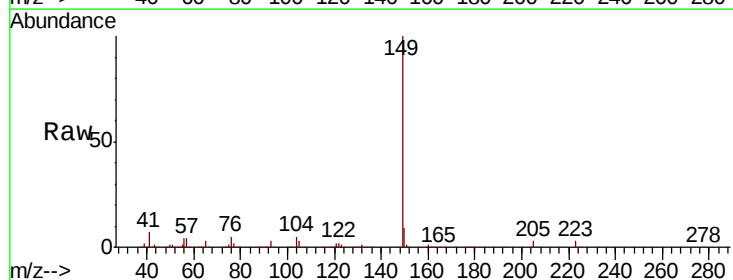
Instrument :
 BNA_F
 ClientSampleId :

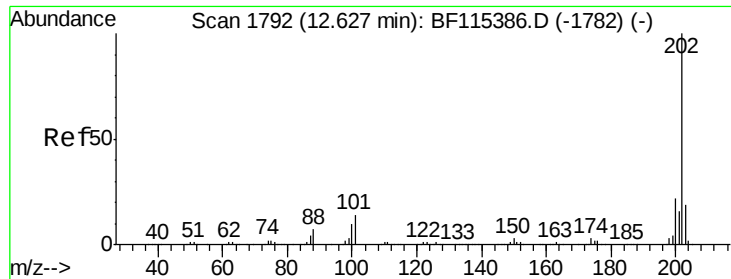
Tot Ion:167 Resp: 697157
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 23.223 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF115385.D
 Acq: 5 Jul 2019 9:17

Tgt Ion:149 Resp: 872928
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.0 12.0
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 22.466 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

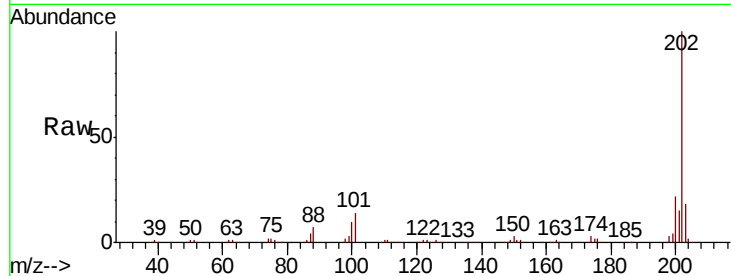
Tot Ion:202 Resp: 808944

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.0

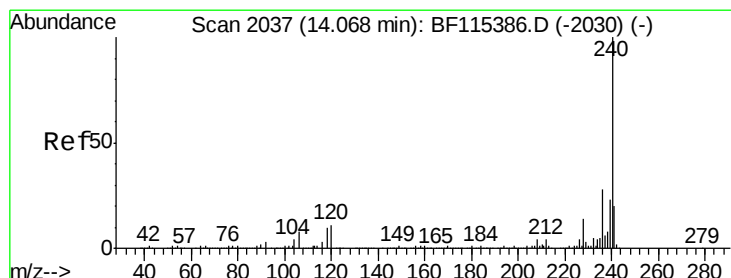
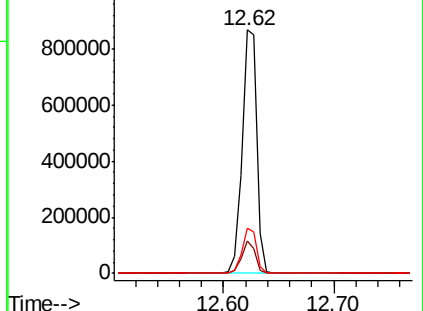
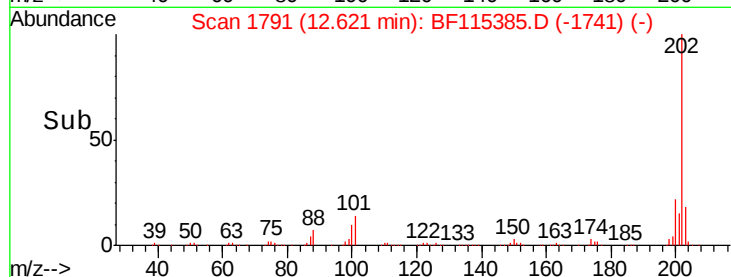
203 18.3 0.0 38.5



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: BF115385.D

Acq: 5 Jul 2019 9:17

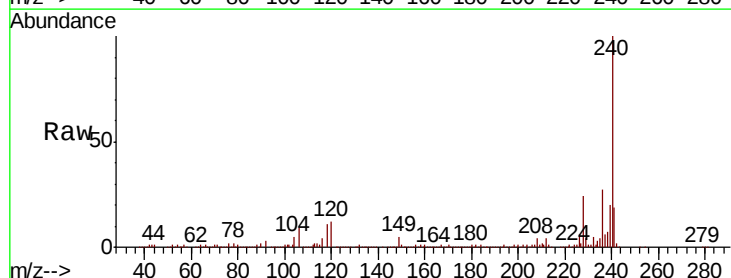
Tgt Ion:240 Resp: 510631

Ion Ratio Lower Upper

240 100

120 12.3 9.1 13.7

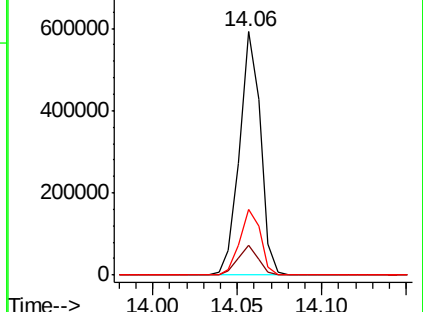
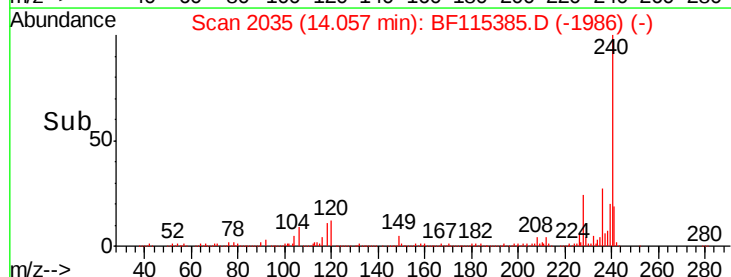
236 27.1 22.5 33.7

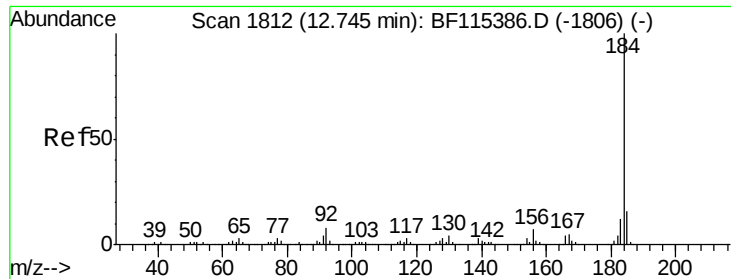


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

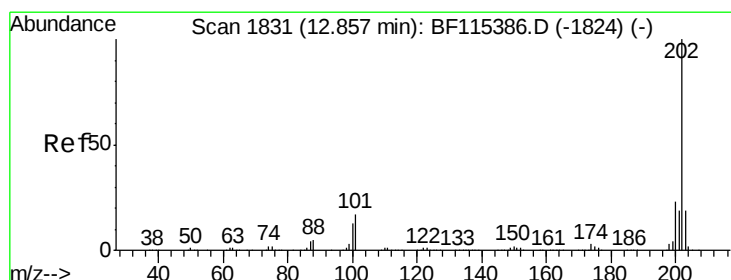
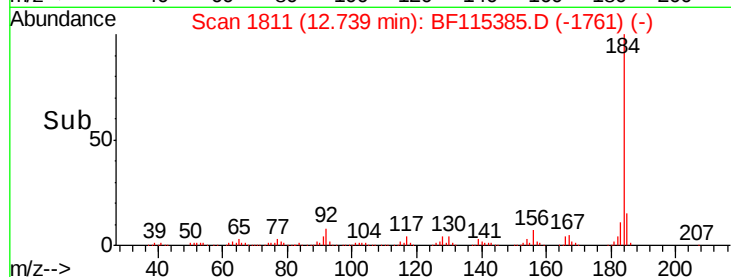
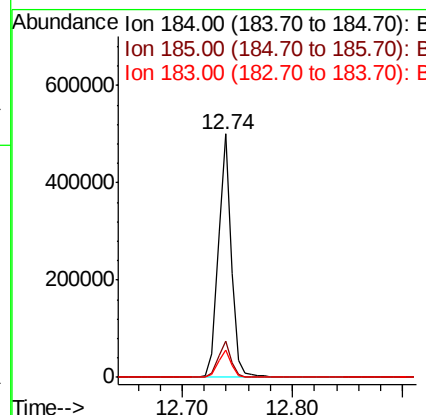
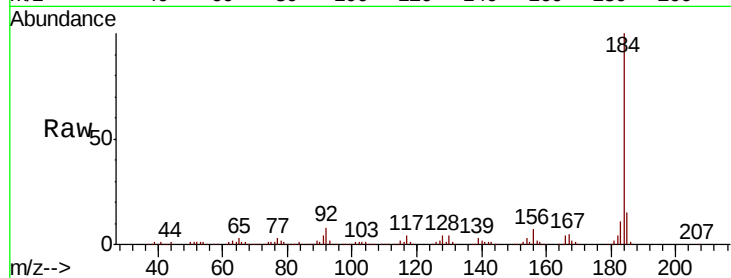




#77
Benzidine
Concen: 17.618 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

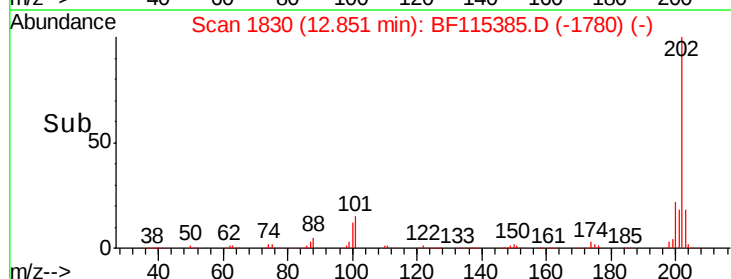
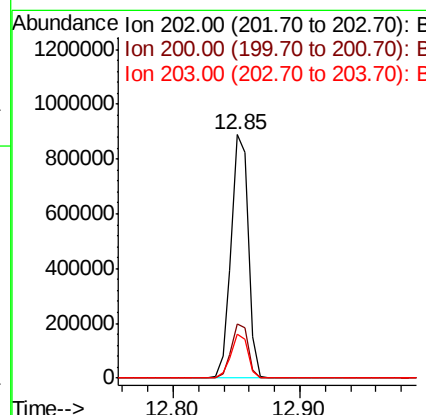
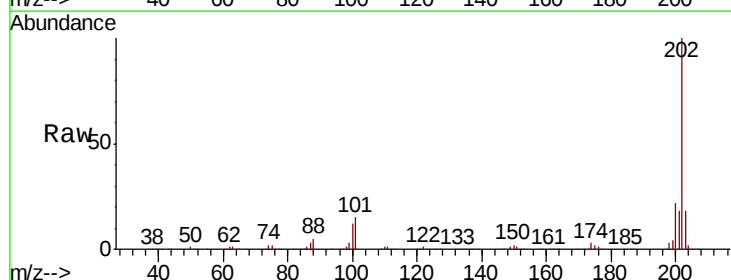
Instrument :
BNA_F
ClientSampleId :

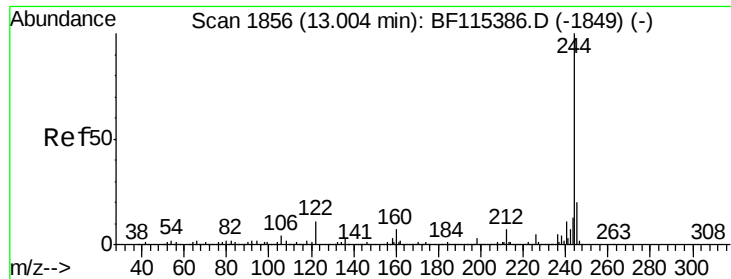
Tot Ion:184 Resp: 399470
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.4 9.4 14.0



#78
Pyrene
Concen: 21.277 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:202 Resp: 834947
Ion Ratio Lower Upper
202 100
200 22.1 18.2 27.4
203 18.0 14.8 22.2





#79

Terphenyl-d14

Concen: 46.272 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampleId :

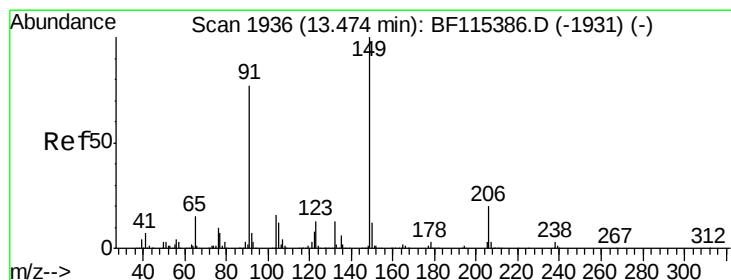
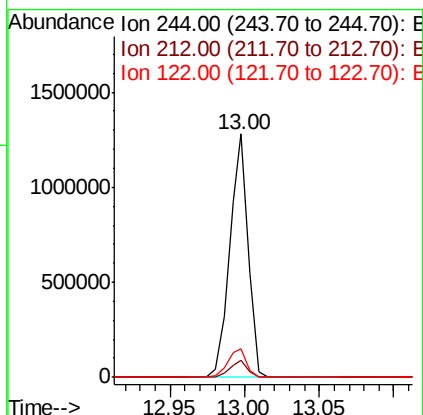
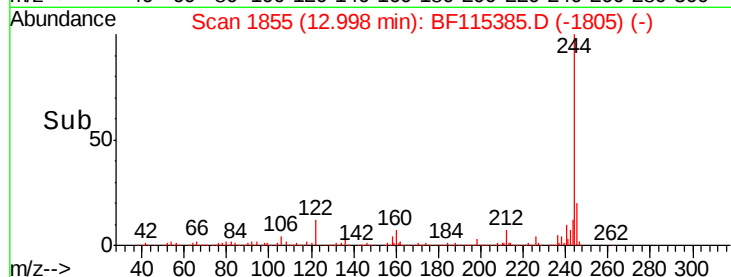
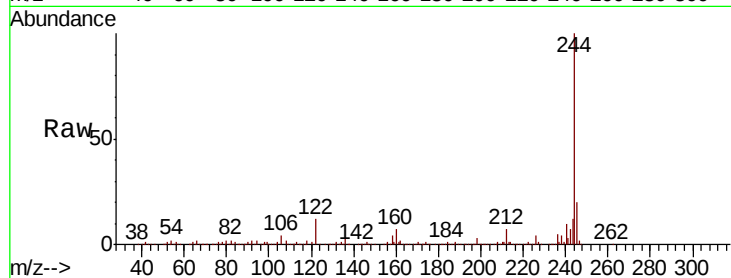
Tot Ion:244 Resp: 1111297

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.9 9.1 13.7



#80

Butylbenzylphthalate

Concen: 19.961 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

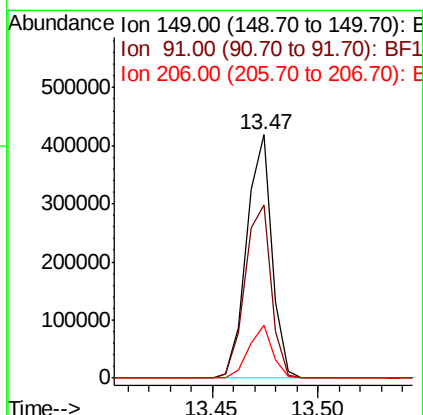
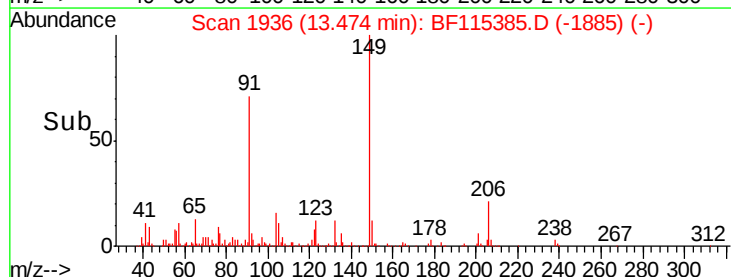
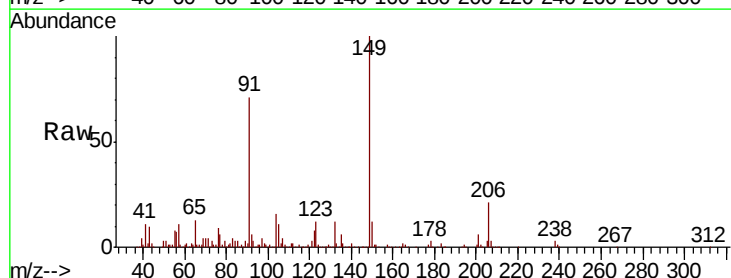
Tgt Ion:149 Resp: 345688

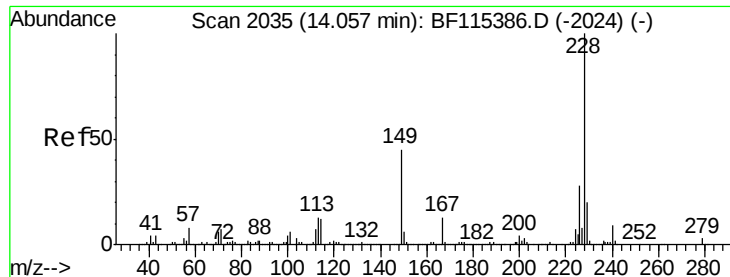
Ion Ratio Lower Upper

149 100

91 71.3 61.4 92.0

206 21.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 19.381 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

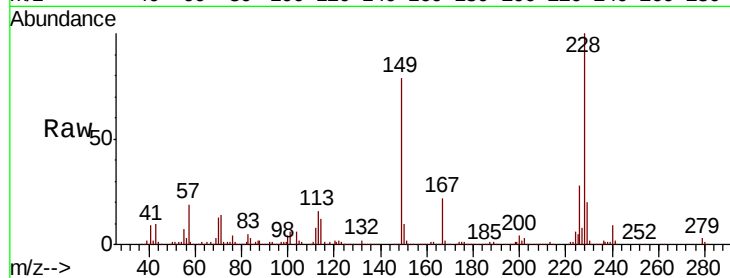
Tot Ion:228 Resp: 710102

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

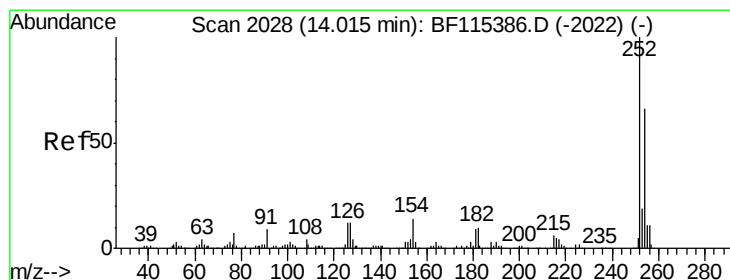
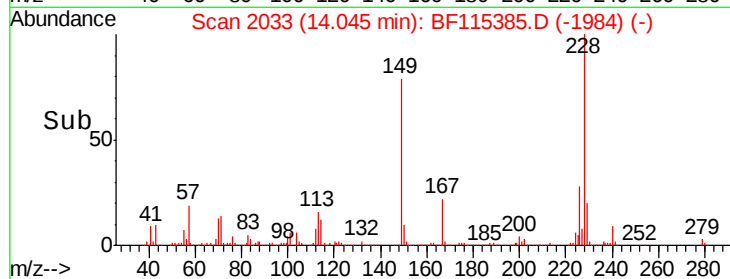
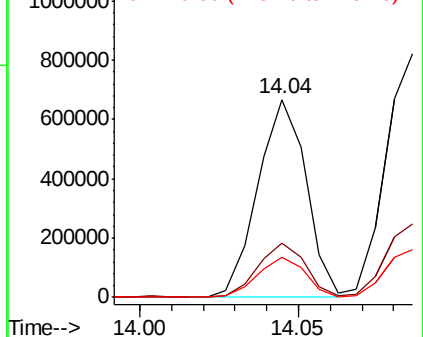
229 20.2 16.3 24.5



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: 19.480 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

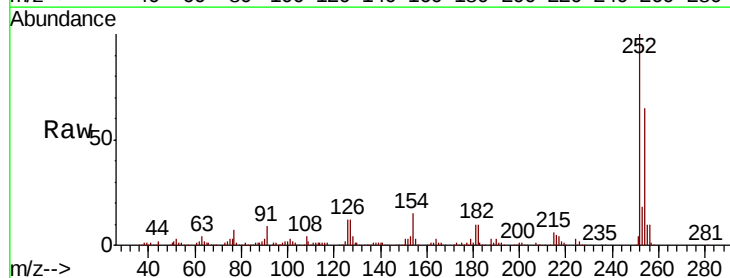
Tgt Ion:252 Resp: 257740

Ion Ratio Lower Upper

252 100

254 65.0 53.0 79.4

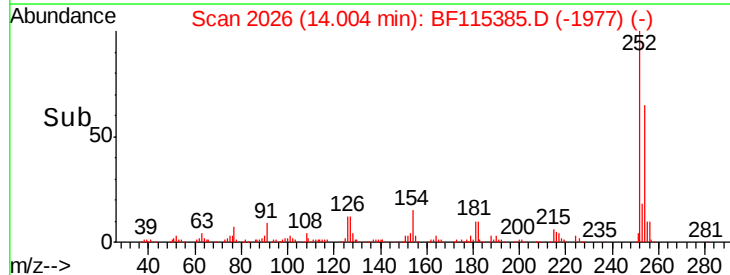
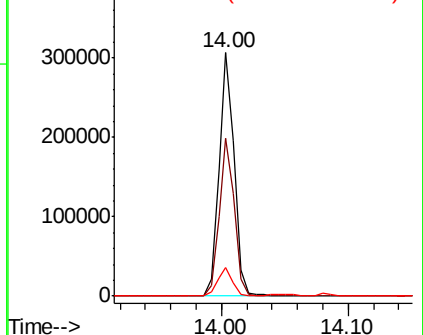
126 11.8 9.8 14.8

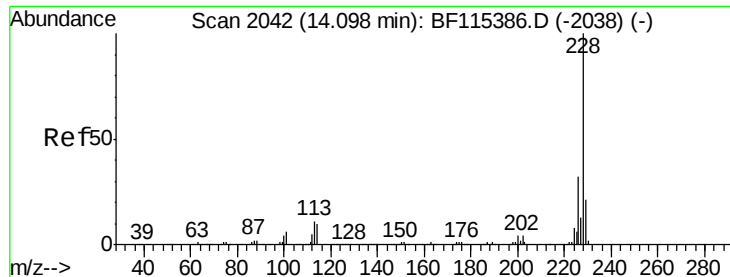


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 21.032 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

Instrument :

BNA_F

ClientSampled :

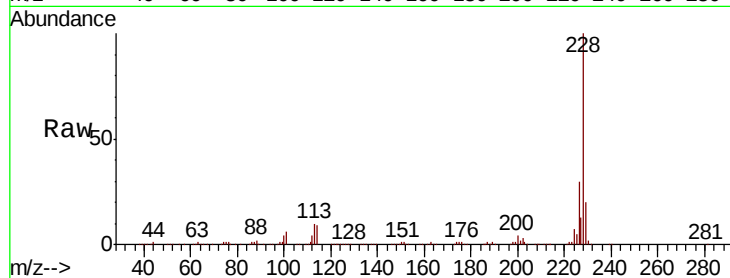
Tot Ion:228 Resp: 705892

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

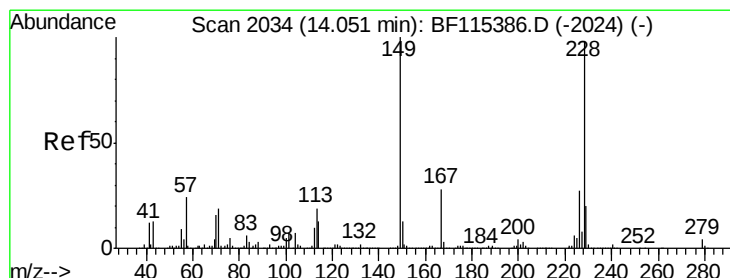
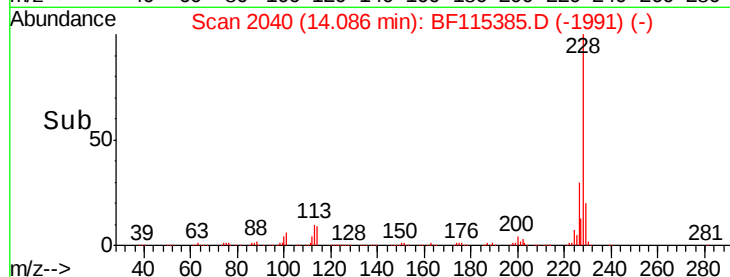
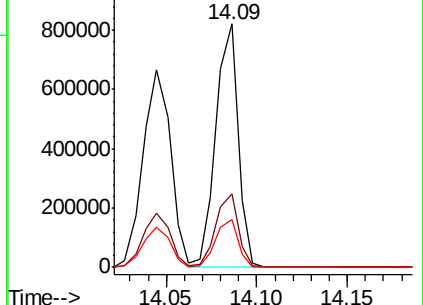
229 19.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.744 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115385.D

Acq: 5 Jul 2019 9:17

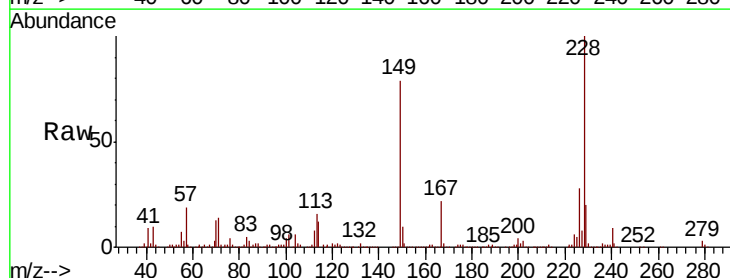
Tgt Ion:149 Resp: 470727

Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

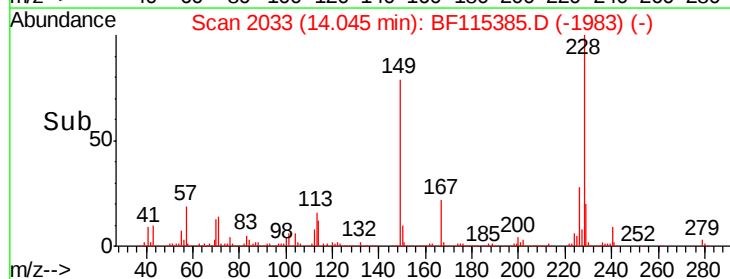
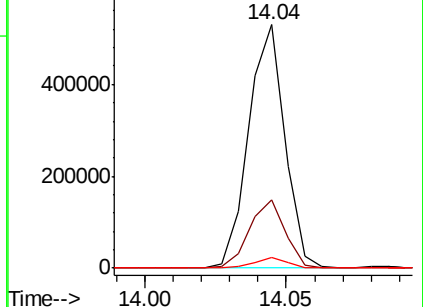
279 4.3 3.4 5.2

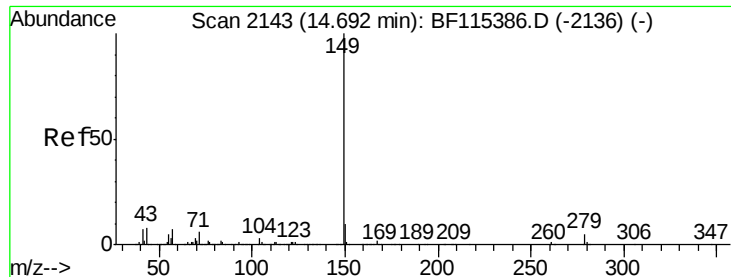


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

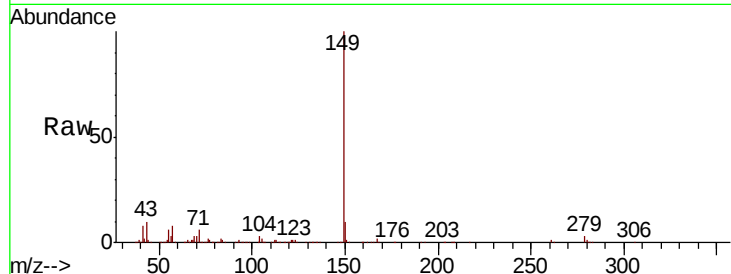




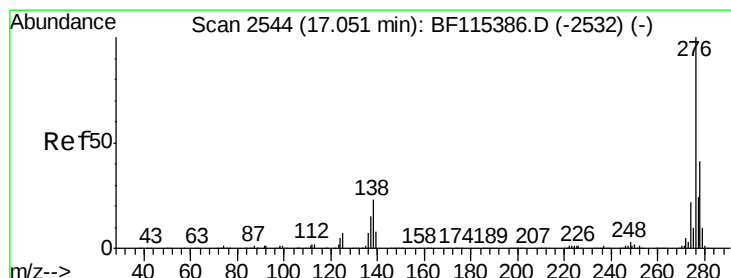
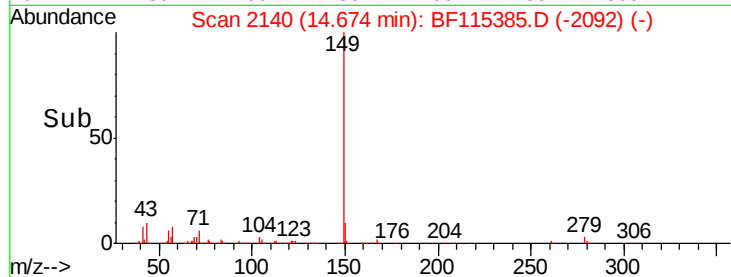
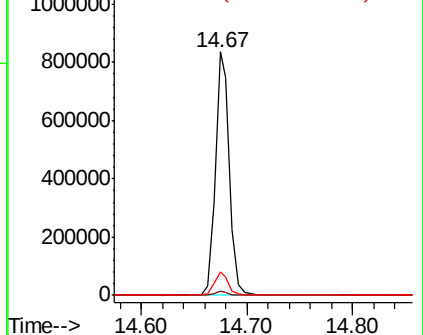
#85
Di-n-octyl phthalate
Concen: 20.671 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 788103
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.6 11.4

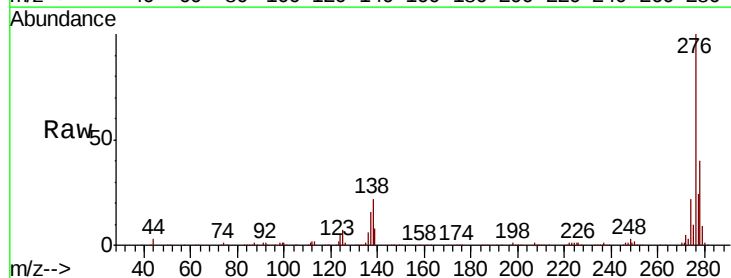


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

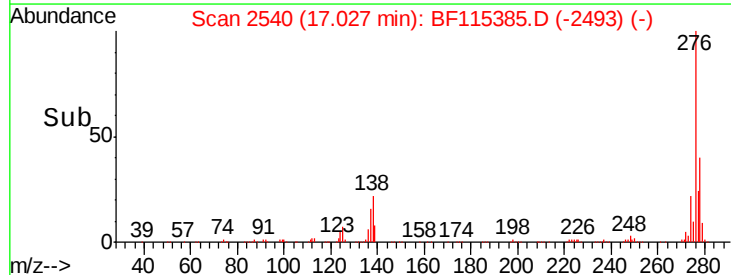
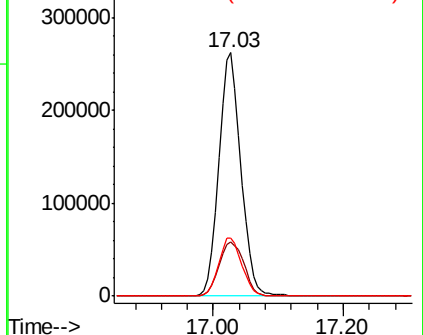


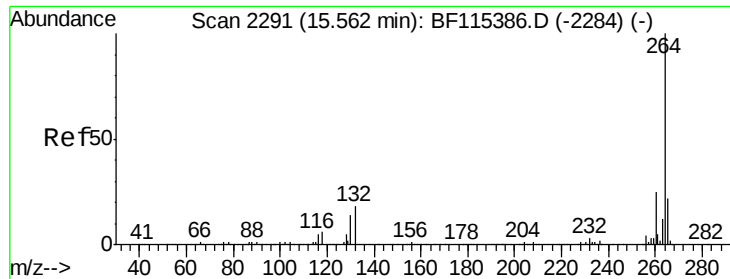
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.408 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:276 Resp: 611920
Ion Ratio Lower Upper
276 100
138 25.2 0.0 0.0#
277 24.9 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



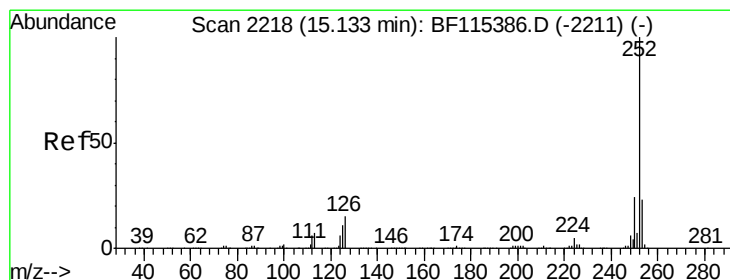
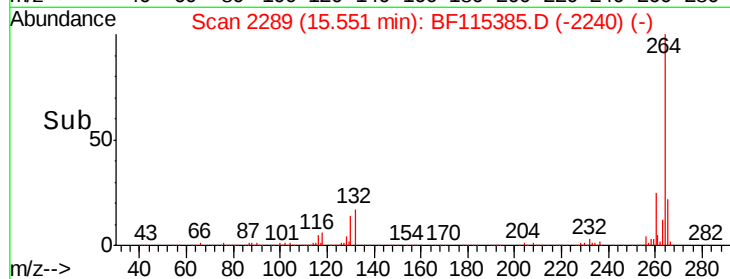
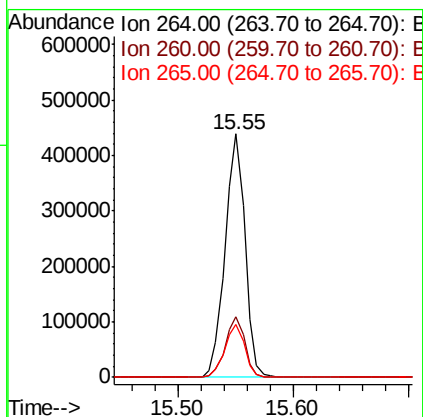
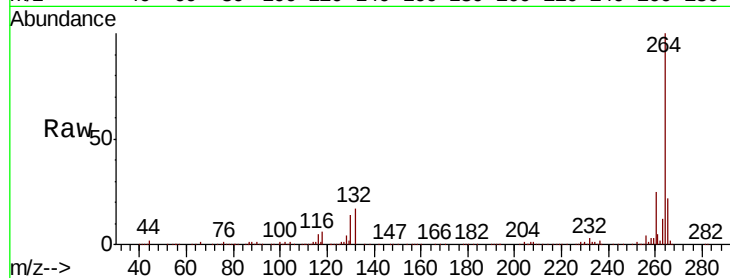


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 525306

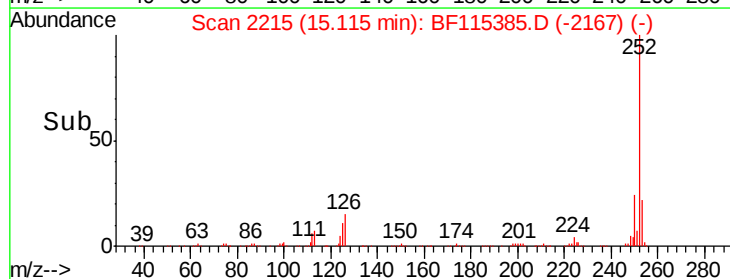
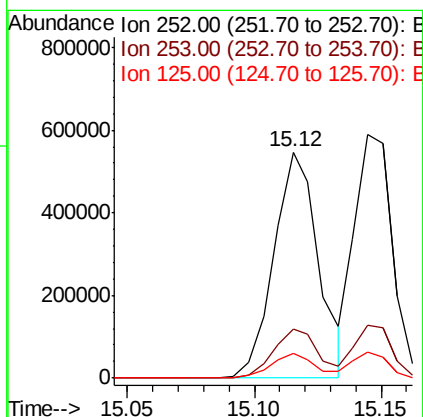
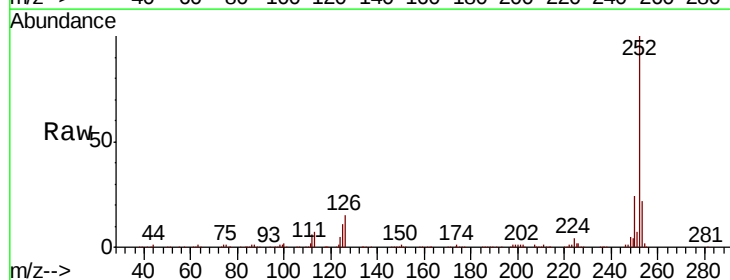
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.8	17.4	26.2

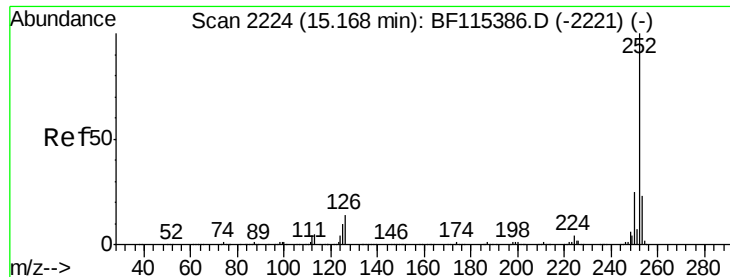


#88
Benzo(b)fluoranthene
Concen: 20.501 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:252 Resp: 671962

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.2	9.0	13.6

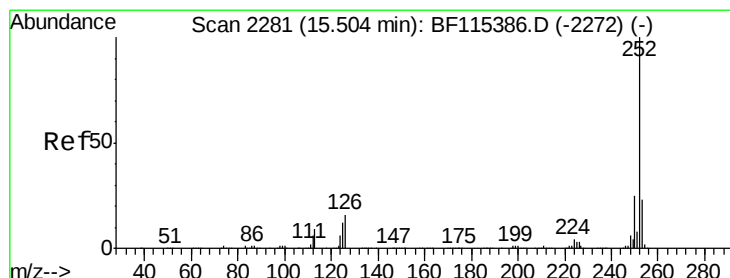
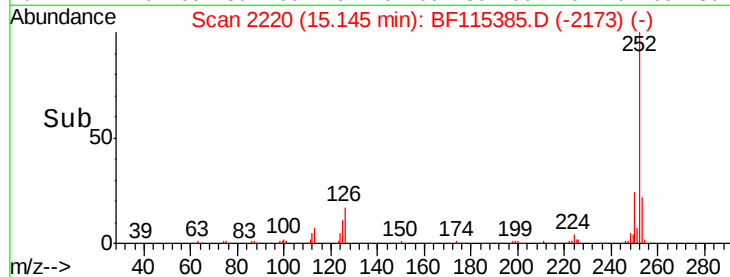
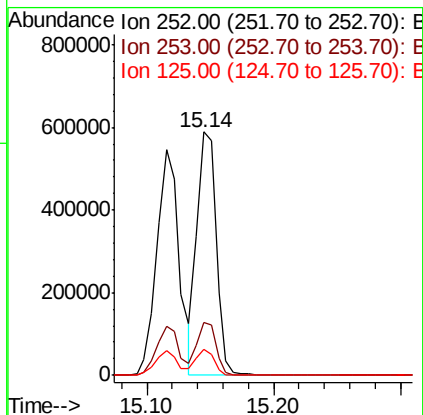
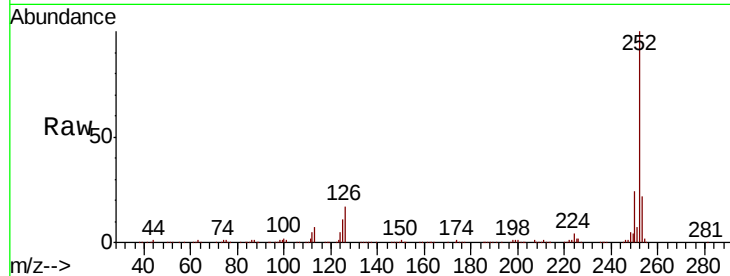




#89
Benzo(k)fluoranthene
Concen: 20.960 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

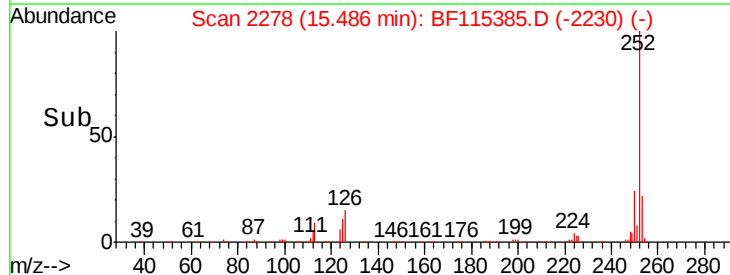
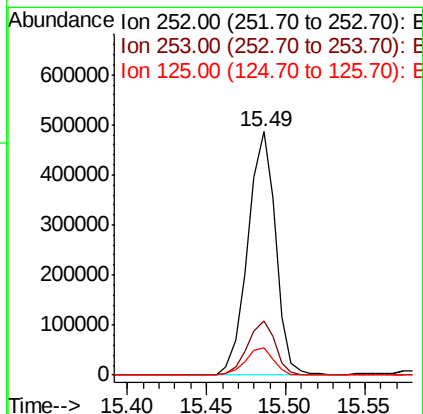
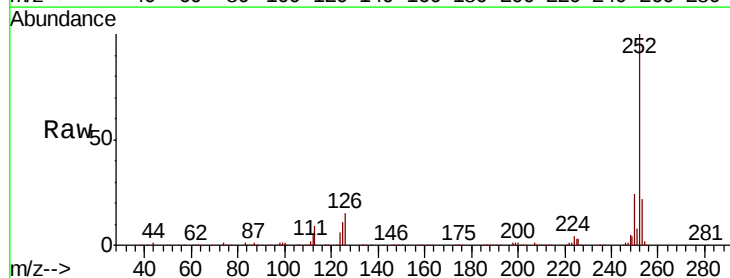
Instrument :
BNA_F
ClientSampleId :

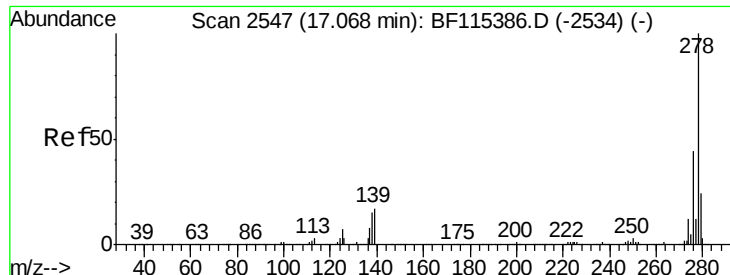
Tot Ion:252 Resp: 616112
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 10.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 20.079 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:252 Resp: 593177
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.3 10.0 15.0



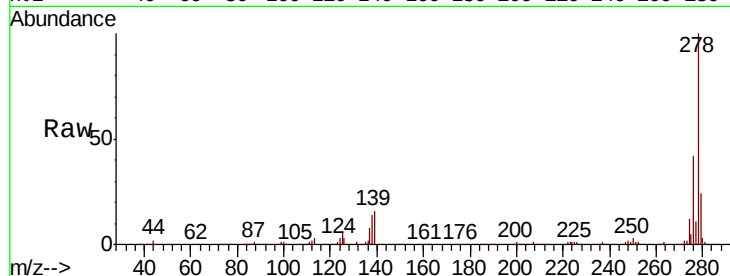


#91
Dibenzo(a,h)anthracene
Concen: 18.477 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

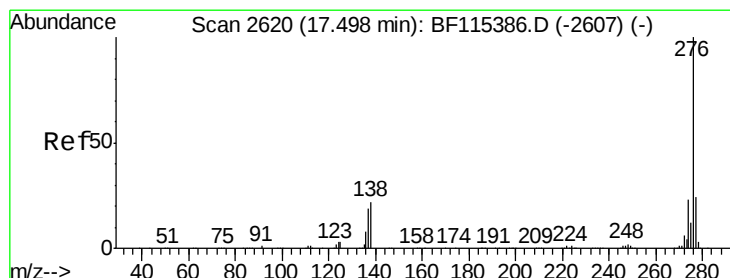
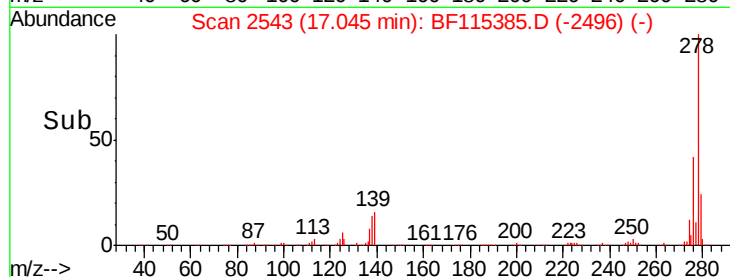
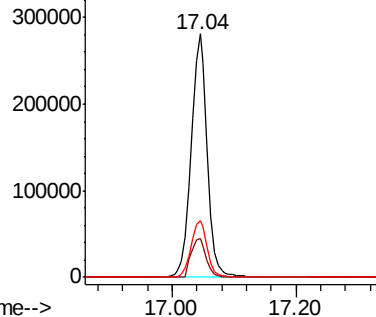
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 509591

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.4	20.2
279	23.6	19.4	29.0



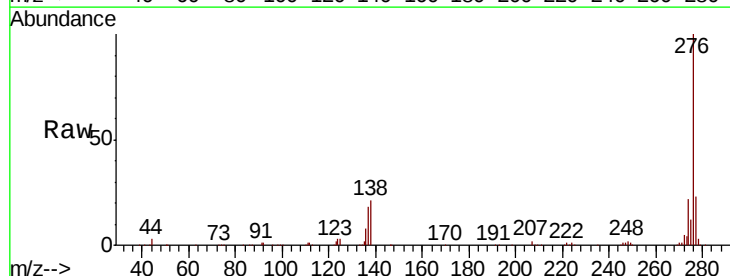
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 16.905 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.03 min
Lab File: BF115385.D
Acq: 5 Jul 2019 9:17

Tgt Ion:276 Resp: 471881

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.2
138	20.7	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

