

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115451.D
 Acq On : 10 Jul 2019 13:05
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 16:54:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192896	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	791972	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	392040	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	751687	20.00	ng	0.00
76) Chrysene-d12	14.07	240	518305	20.00	ng	0.00
87) Perylene-d12	15.56	264	510821	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	923034	73.93	ng	0.00
7) Phenol-d6	6.52	99	1183156	74.51	ng	0.00
23) Nitrobenzene-d5	7.46	82	1060024	79.08	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	353917	81.65	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1814310	81.21	ng	0.00
79) Terphenyl-d14	13.01	244	2003029	79.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	228659	37.339	ng	100
3) Pyridine	3.46	79	626489	36.997	ng	100
4) n-Nitrosodimethylamine	3.42	42	230547	33.575	ng	100
6) Aniline	6.56	93	834501	37.243	ng	100
8) 2-Chlorophenol	6.68	128	540917	38.370	ng	100
9) Benzaldehyde	6.45	77	377159	41.458	ng	100
10) Phenol	6.54	94	702503	36.978	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	520576	36.937	ng	100
12) 1,3-Dichlorobenzene	6.84	146	583599	37.786	ng	100
13) 1,4-Dichlorobenzene	6.92	146	590534	38.171	ng	100
14) 1,2-Dichlorobenzene	7.07	146	545610	38.092	ng	100
15) Benzyl Alcohol	7.03	79	473058	37.127	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	699767	35.510	ng	100
17) 2-Methylphenol	7.15	107	449426	37.212	ng	100
18) Hexachloroethane	7.42	117	219271	38.047	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	377290	35.122	ng	100
20) 3+4-Methylphenols	7.30	107	532916	37.355	ng	100
22) Acetophenone	7.30	105	700774	36.927	ng	100
24) Nitrobenzene	7.48	77	590163	38.985	ng	100
25) Isophorone	7.72	82	1057523	36.398	ng	100
26) 2-Nitrophenol	7.79	139	289147	46.459	ng	100
27) 2,4-Dimethylphenol	7.83	122	422924	35.637	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	660181	36.849	ng	100
29) 2,4-Dichlorophenol	8.03	162	454935	38.488	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	514698	39.114	ng	100
31) Naphthalene	8.20	128	1505433	38.270	ng	100
32) Benzoic acid	7.95	122	295286	35.898	ng	100
33) 4-Chloroaniline	8.25	127	676706	38.556	ng	100
34) Hexachlorobutadiene	8.33	225	297429	39.856	ng	100
35) Caprolactam	8.62	113	145070	37.683	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	478962	38.309	ng	100
37) 2-Methylnaphthalene	8.89	142	997699	37.945	ng	100
38) 1-Methylnaphthalene	8.99	142	953541	38.009	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	457036	40.523	ng	100

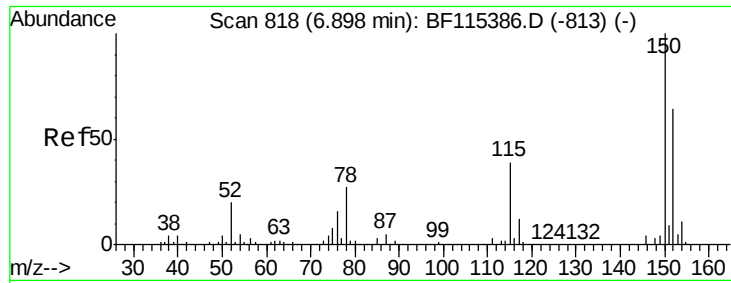
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	254950	39.002	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	332228	40.461	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	343263	40.316	ng	100
46) 1,1'-Biphenyl	9.36	154	1200405	38.949	ng	100
47) 2-Chloronaphthalene	9.39	162	1001112	39.302	ng	100
48) 2-Nitroaniline	9.47	65	309875	41.406	ng	100
49) Acenaphthylene	9.80	152	1493940	38.737	ng	100
50) Dimethylphthalate	9.66	163	1152472	39.166	ng	100
51) 2,6-Dinitrotoluene	9.72	165	262497	41.133	ng	100
52) Acenaphthene	9.97	154	945166	38.941	ng	100
53) 3-Nitroaniline	9.89	138	305288	41.188	ng	100
54) 2,4-Dinitrophenol	9.99	184	112000	45.430	ng	100
55) Dibenzofuran	10.15	168	1320449	38.620	ng	100
56) 4-Nitrophenol	10.03	139	241117	42.046	ng	100
57) 2,4-Dinitrotoluene	10.12	165	349704	43.119	ng	100
58) Fluorene	10.49	166	972715	36.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	294842	40.087	ng	100
60) Diethylphthalate	10.36	149	1099254	37.953	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	501041	38.088	ng	100
62) 4-Nitroaniline	10.50	138	302772	41.615	ng	100
63) Azobenzene	10.64	77	1090158	36.514	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	163465	45.839	ng	100
66) n-Nitrosodiphenylamine	10.59	169	920461	38.864	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	329874	39.110	ng	100
68) Hexachlorobenzene	11.04	284	379802	40.129	ng	100
69) Atrazine	11.12	200	290015	39.567	ng	100
70) Pentachlorophenol	11.23	266	231862	40.198	ng	100
71) Phenanthrene	11.45	178	1502021	37.994	ng	100
72) Anthracene	11.50	178	1537880	38.793	ng	100
73) Carbazole	11.65	167	1389658	38.317	ng	100
74) Di-n-butylphthalate	11.99	149	1644137	37.511	ng	100
75) Fluoranthene	12.63	202	1590505	38.210	ng	100
77) Benzidine	12.75	184	702815	34.772	ng	100
78) Pyrene	12.86	202	1614687	40.061	ng	100
80) Butylbenzylphthalate	13.48	149	698879	39.685	ng	100
81) Benzo(a)anthracene	14.06	228	1315263	39.605	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	494829	41.064	ng	100
83) Chrysene	14.10	228	1338043	39.213	ng	100
84) Bis(2-ethylhexyl)phthalate	14.05	149	851587	39.048	ng	100
85) Di-n-octyl phthalate	14.68	149	1458171	37.558	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	1157817	40.892	ng	100
88) Benzo(b)fluoranthene	15.13	252	1253006	37.674	ng	100
89) Benzo(k)fluoranthene	15.16	252	1171947	39.622	ng	100
90) Benzo(a)pyrene	15.50	252	1114032	38.835	ng	100
91) Dibenzo(a,h)anthracene	17.08	278	948842	38.708	ng	100
92) Benzo(g,h,i)perylene	17.51	276	922136	39.744	ng	100

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

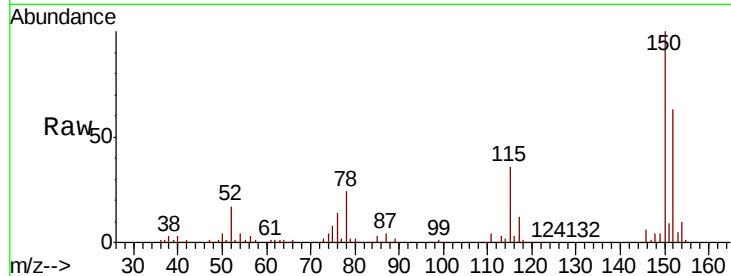


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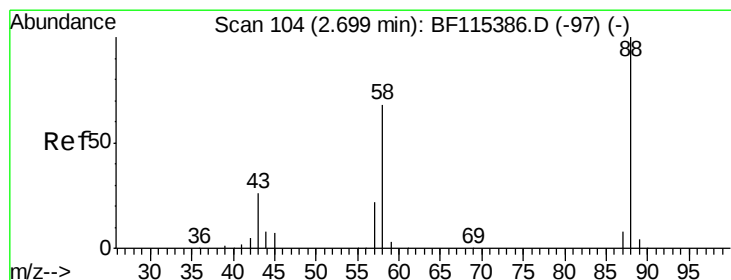
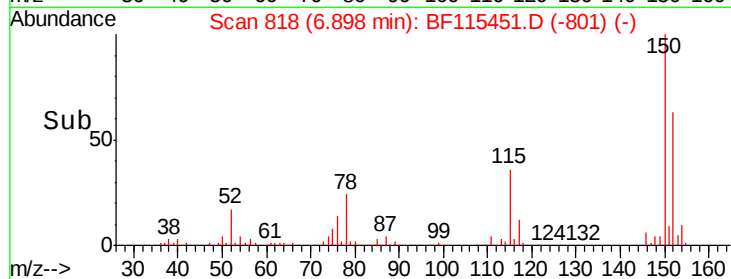
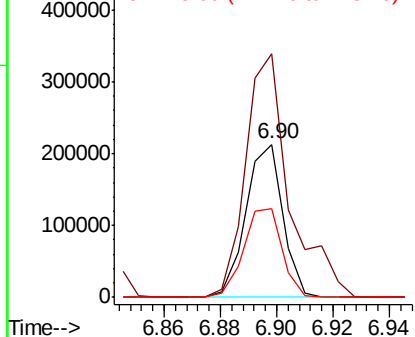
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.4	191.2
115	57.8	46.2	69.4



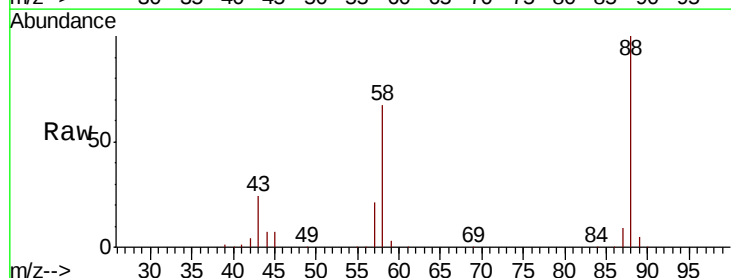
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



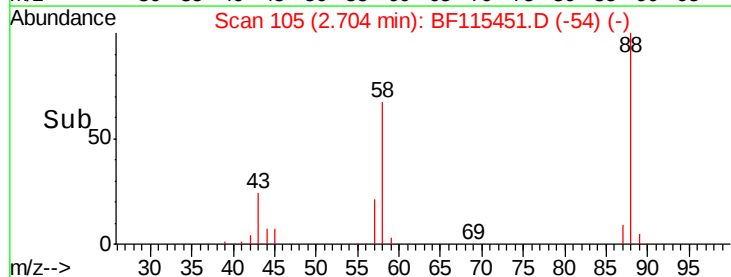
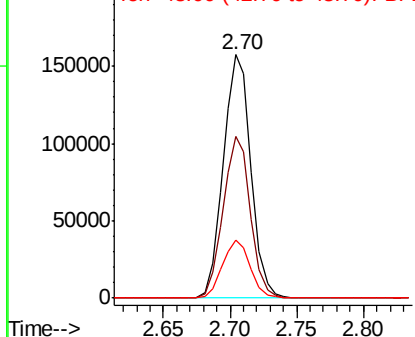
#2

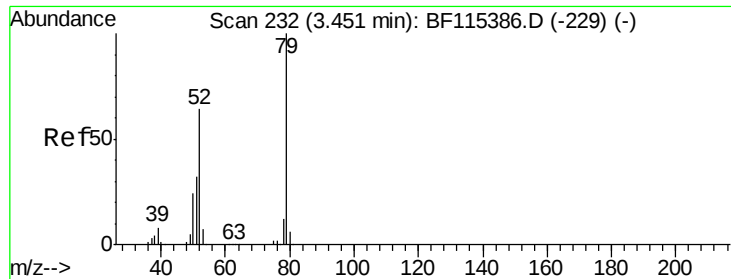
1,4-Dioxane
Concen: 37.339 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	52.5	78.7
43	23.8	19.0	28.6



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: 36.997 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

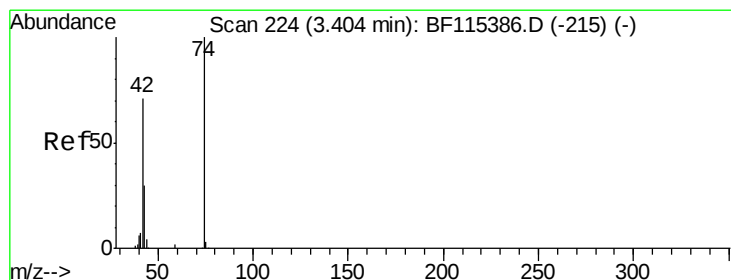
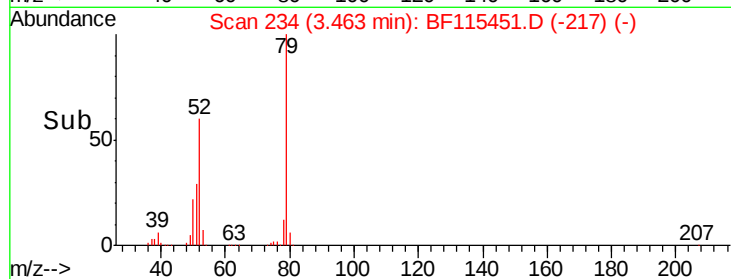
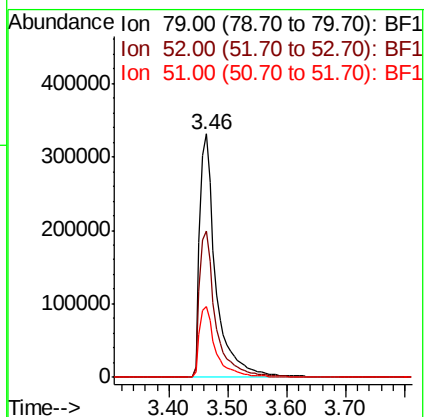
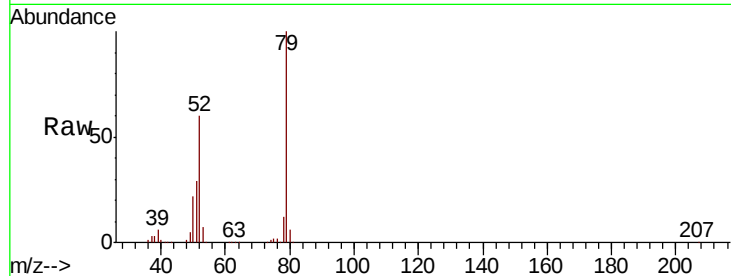
Tot Ion: 79 Resp: 626489

Ion Ratio Lower Upper

79 100

52 60.2 48.2 72.2

51 29.0 23.2 34.8



#4

n-Nitrosodimethylamine

Concen: 33.575 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

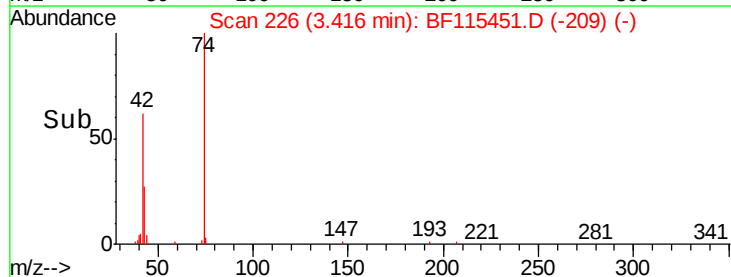
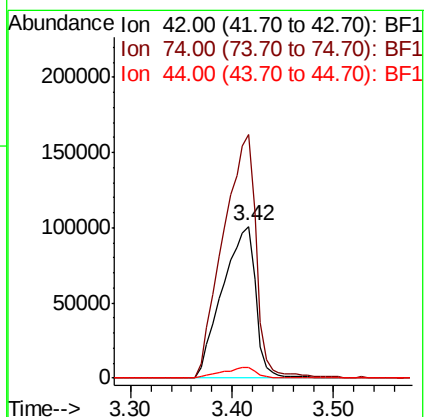
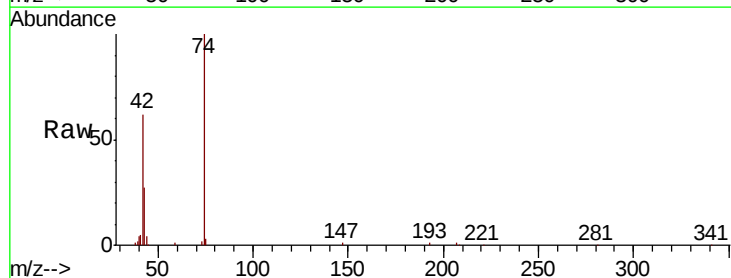
Tgt Ion: 42 Resp: 230547

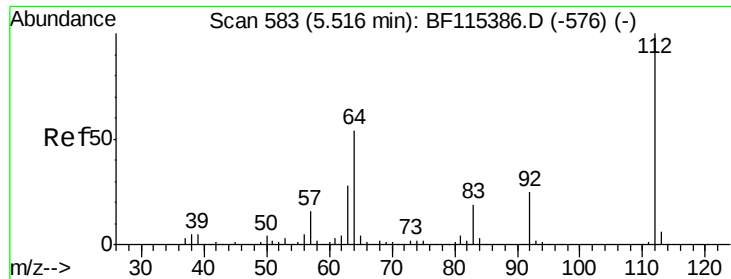
Ion Ratio Lower Upper

42 100

74 160.6 128.5 192.7

44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 73.932 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

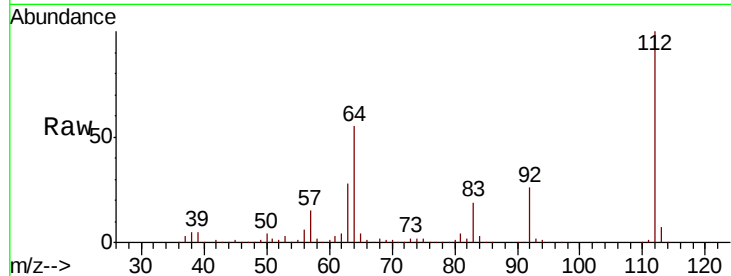
Tot Ion:112 Resp: 923034

Ion Ratio Lower Upper

112 100

64 55.2 44.2 66.2

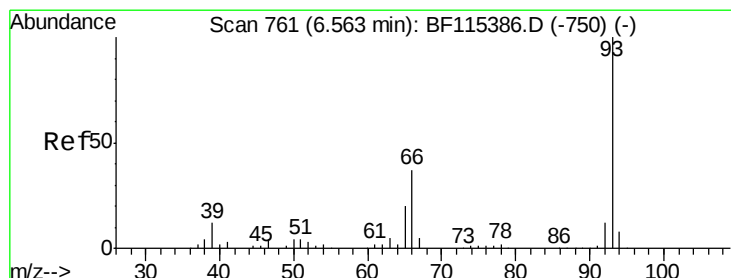
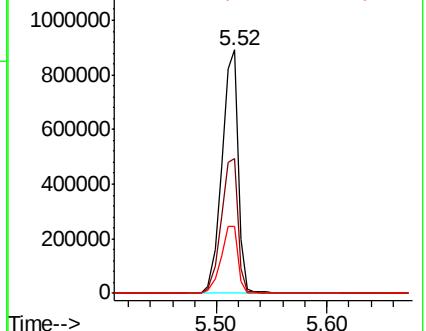
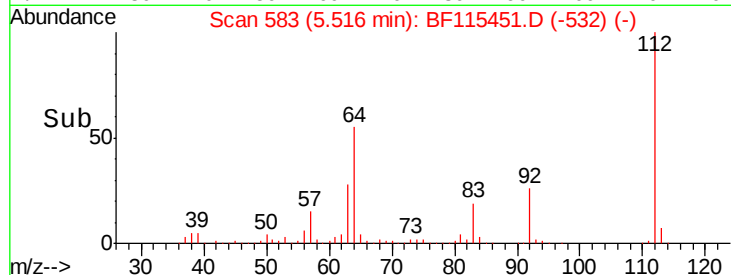
63 27.6 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.243 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

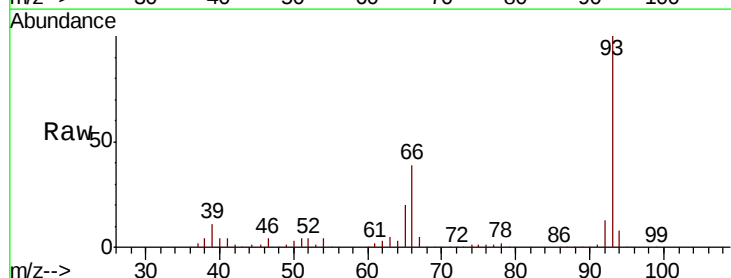
Tgt Ion: 93 Resp: 834501

Ion Ratio Lower Upper

93 100

66 39.1 31.3 46.9

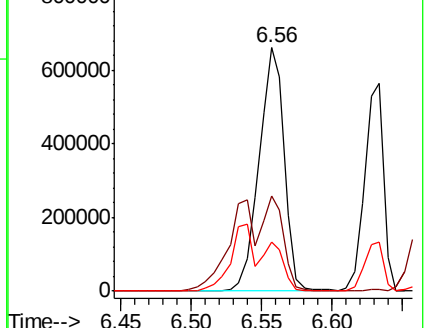
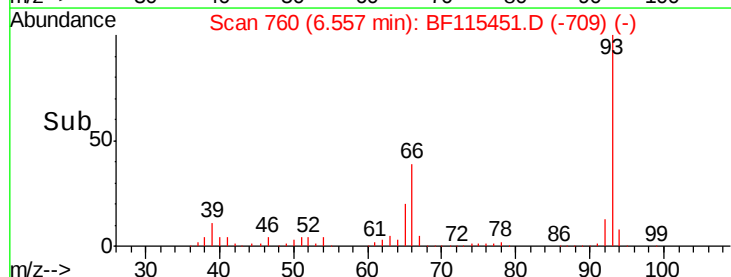
65 19.9 15.9 23.9

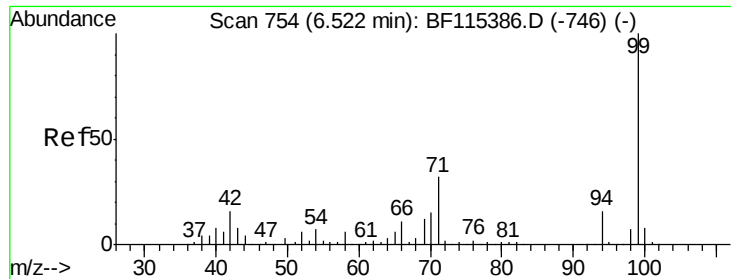


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.514 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

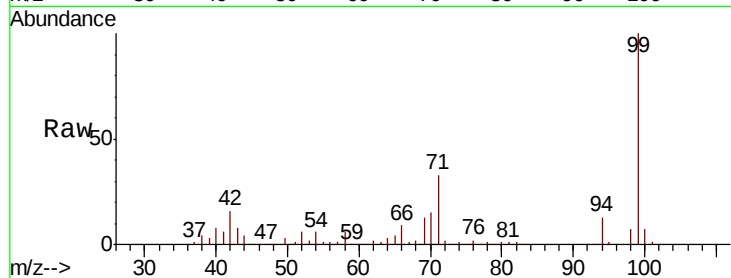
Tot Ion: 99 Resp: 1183156

Ion Ratio Lower Upper

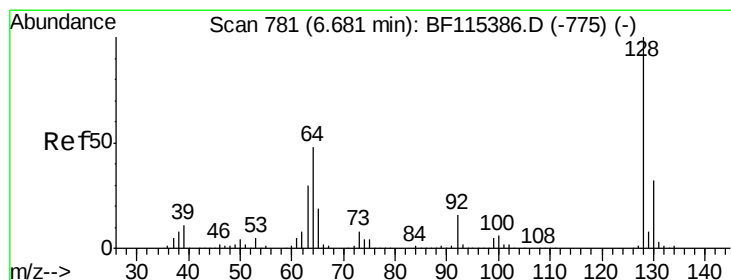
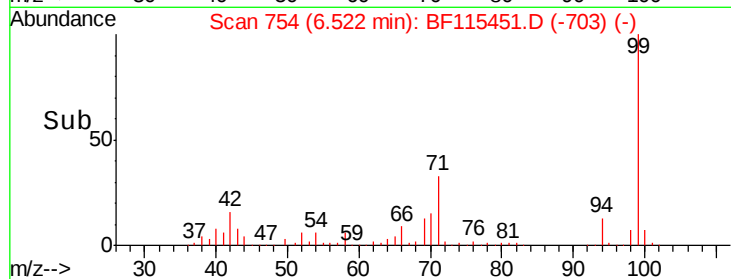
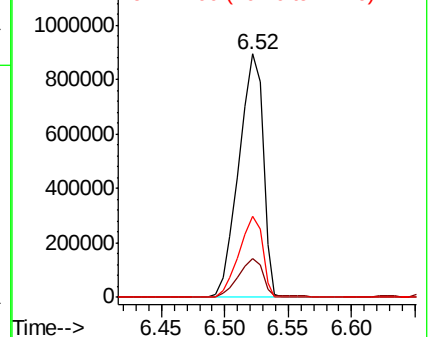
99 100

42 16.0 12.8 19.2

71 33.1 26.5 39.7



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: 38.370 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

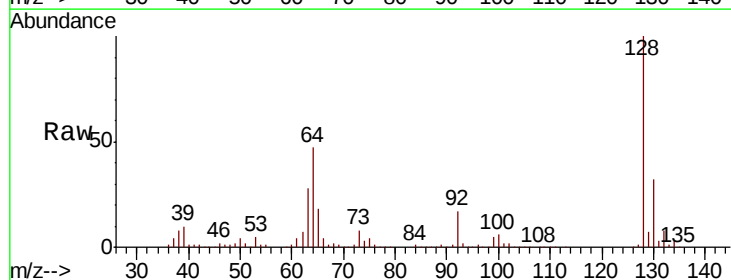
Tgt Ion: 128 Resp: 540917

Ion Ratio Lower Upper

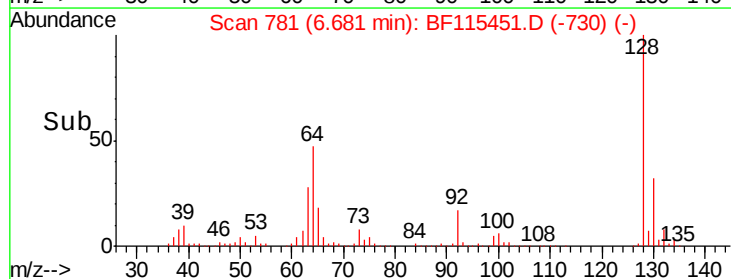
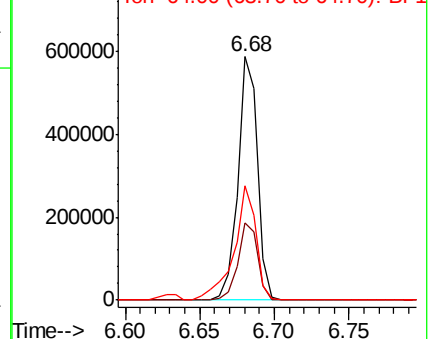
128 100

130 31.8 11.8 51.8

64 47.0 27.0 67.0



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: 41.458 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

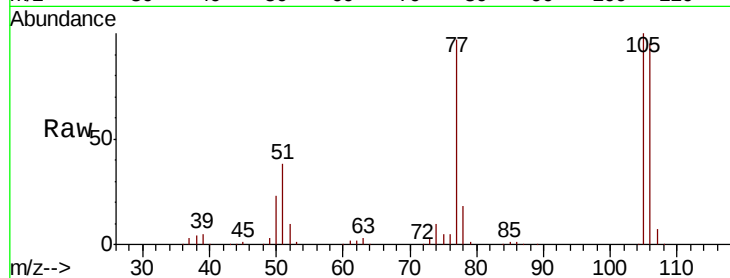
Tot Ion: 77 Resp: 377159

Ion Ratio Lower Upper

77 100

105 102.9 82.9 122.9

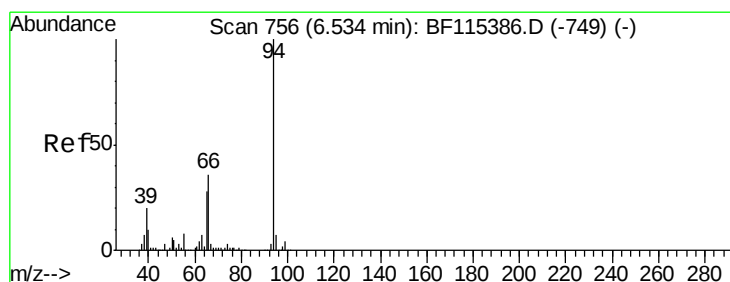
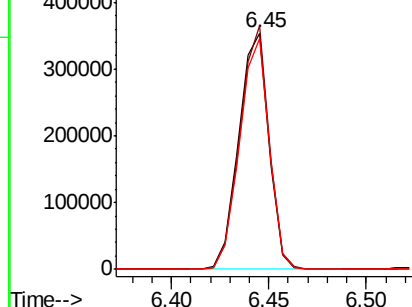
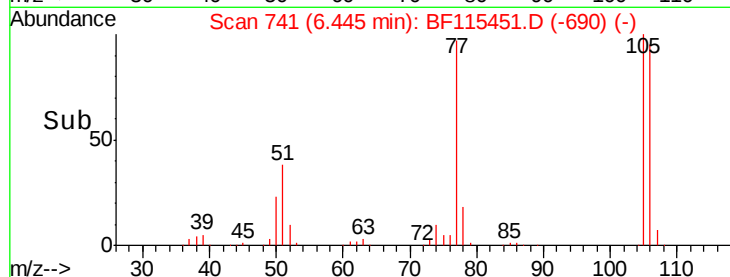
106 97.8 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.978 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

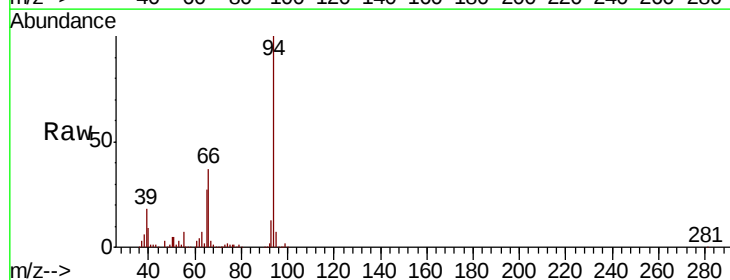
Tgt Ion: 94 Resp: 702503

Ion Ratio Lower Upper

94 100

65 27.2 7.2 47.2

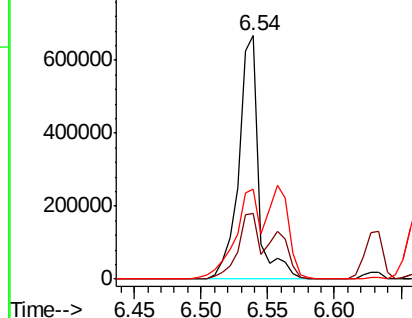
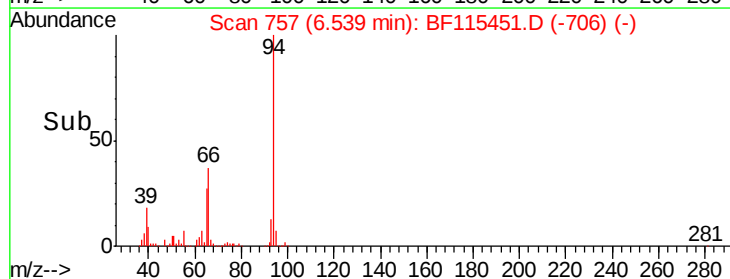
66 36.9 16.9 56.9

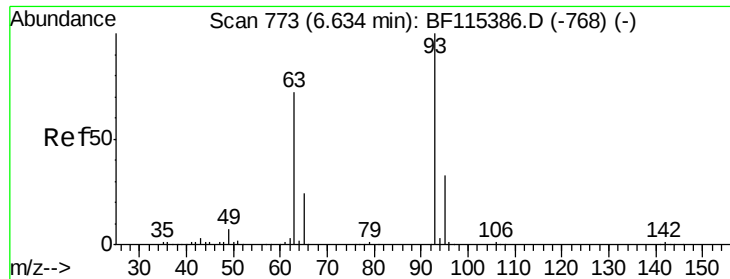


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

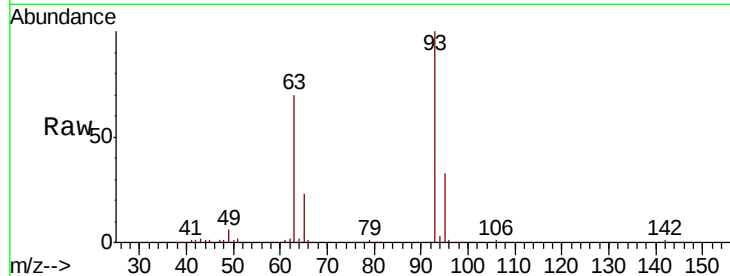




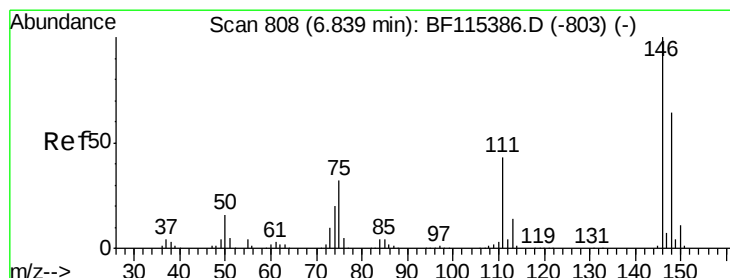
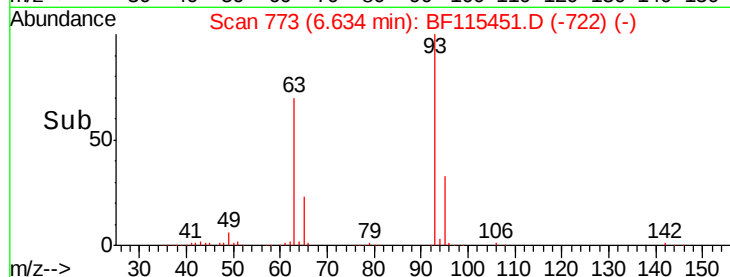
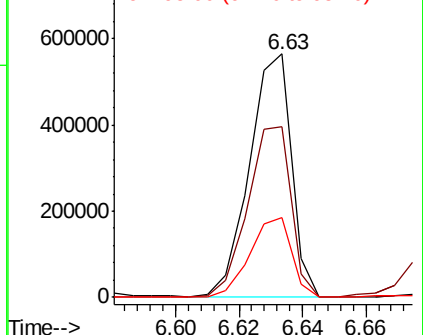
#11
bis(2-Chloroethyl)ether
Concen: 36.937 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93.00	Resp	520576
Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.0	90.0
95	32.6	12.6	52.6

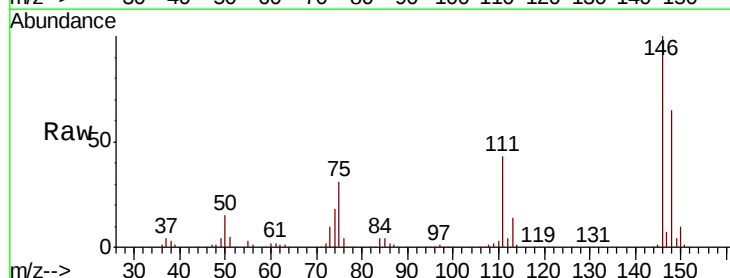


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

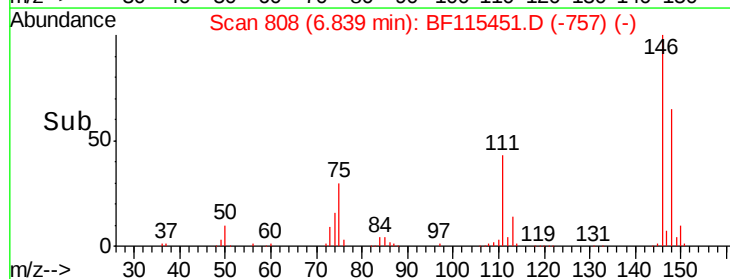
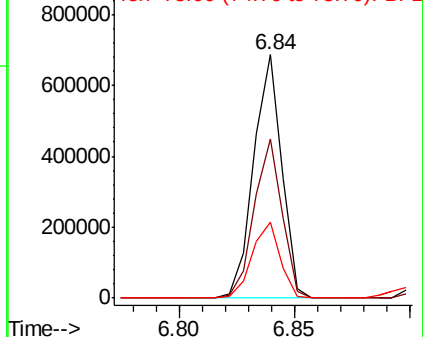


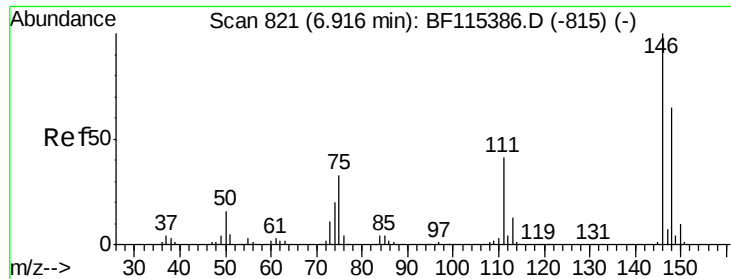
#12
1,3-Dichlorobenzene
Concen: 37.786 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion	146	Resp	583599
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
75	31.0	24.8	37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

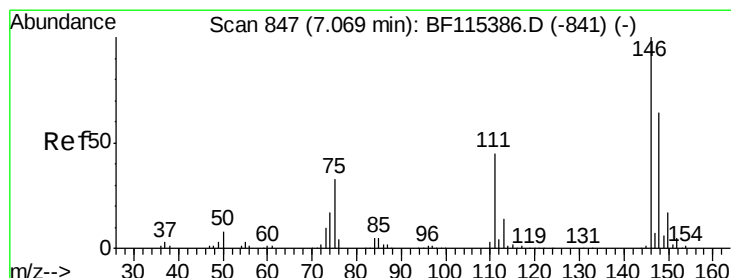
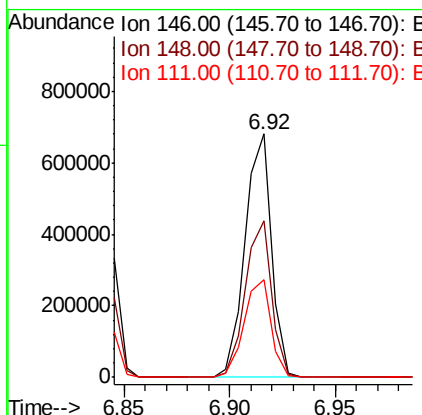
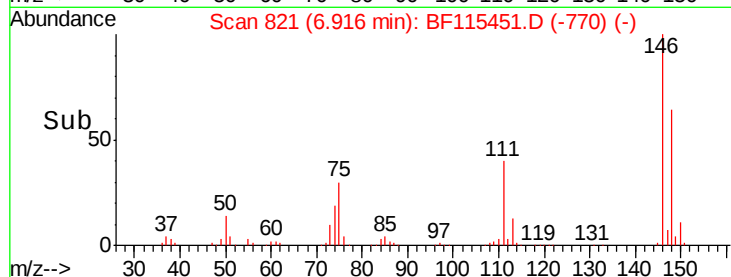
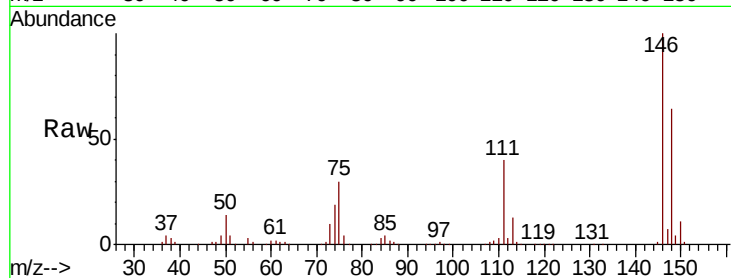




#13
 1,4-Dichlorobenzene
 Concen: 38.171 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

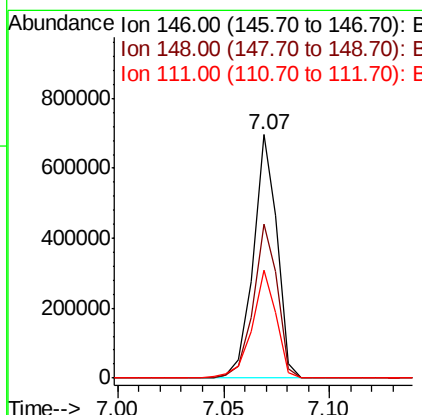
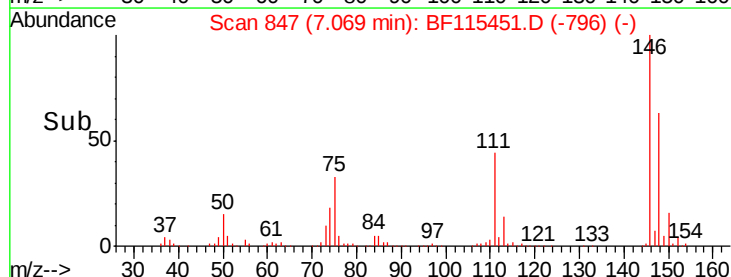
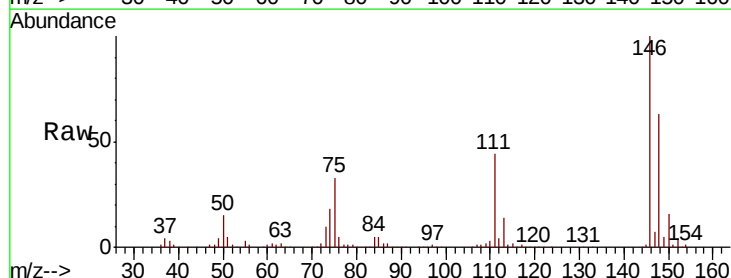
Instrument :
 BNA_F
 ClientSampled :

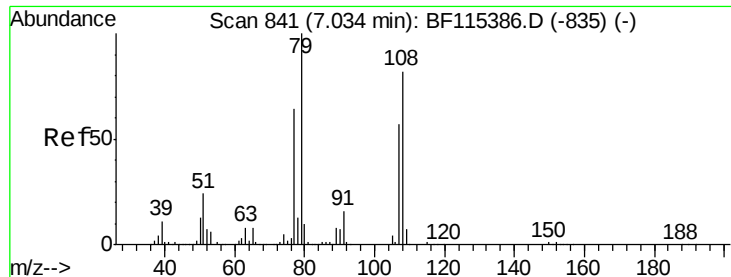
Tot Ion:146 Resp: 590534
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 40.1 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 38.092 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:146 Resp: 545610
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 44.3 35.4 53.2

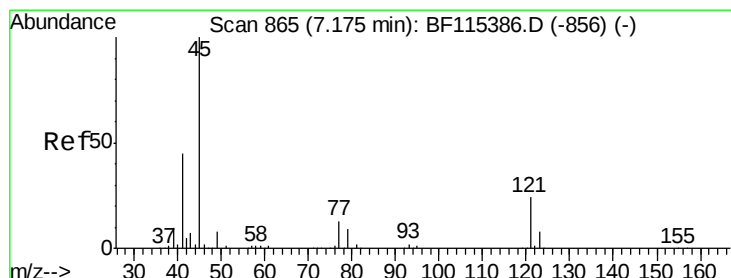
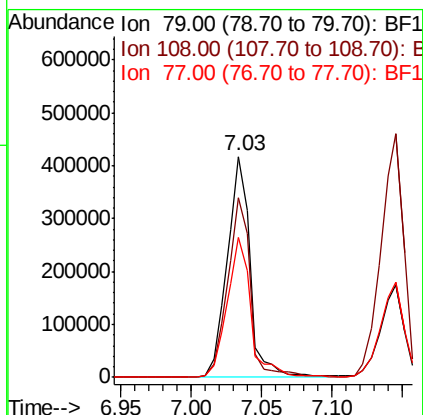
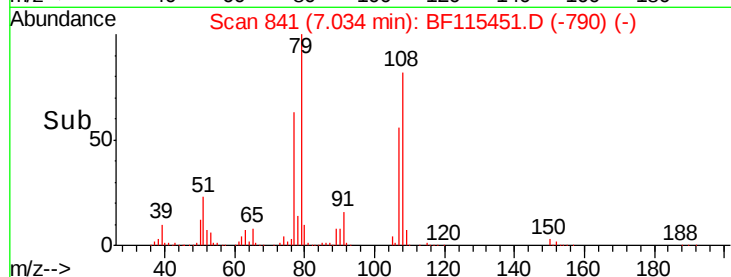
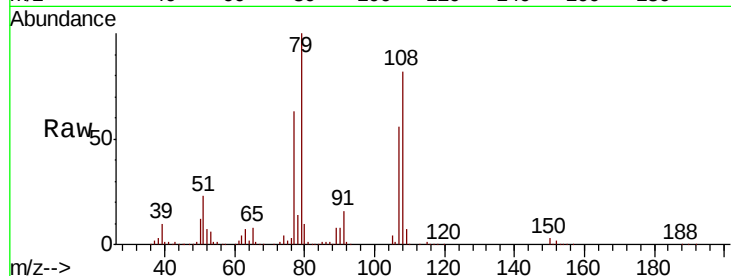




#15
Benzyl Alcohol
Concen: 37.127 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

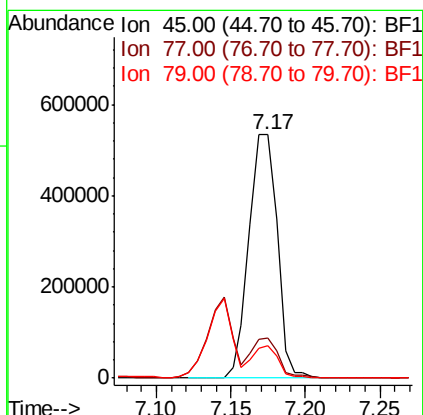
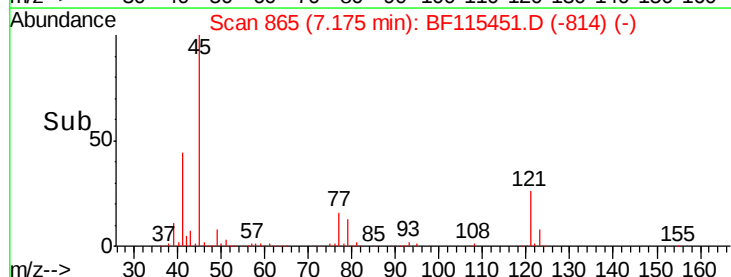
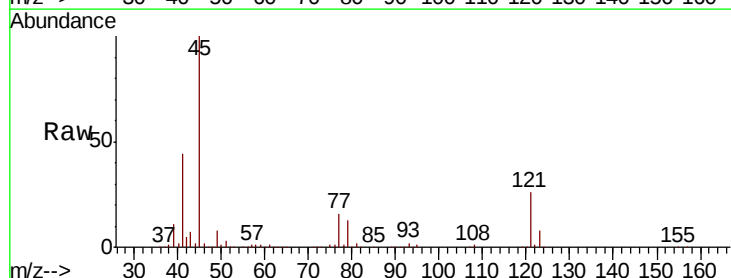
Instrument :
BNA_F
ClientSampleId :

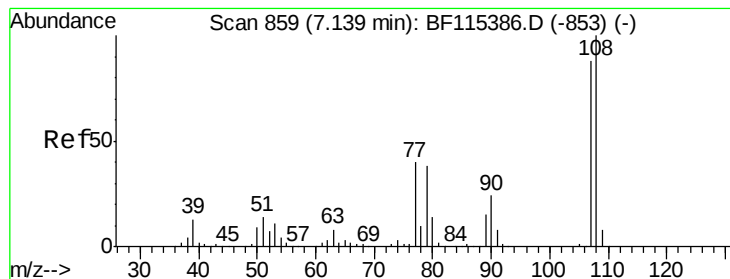
Tot Ion: 79 Resp: 473058
Ion Ratio Lower Upper
79 100
108 81.6 65.3 97.9
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.510 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion: 45 Resp: 699767
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 13.4 0.0 33.4





#17

2-Methylphenol

Concen: 37.212 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 449426

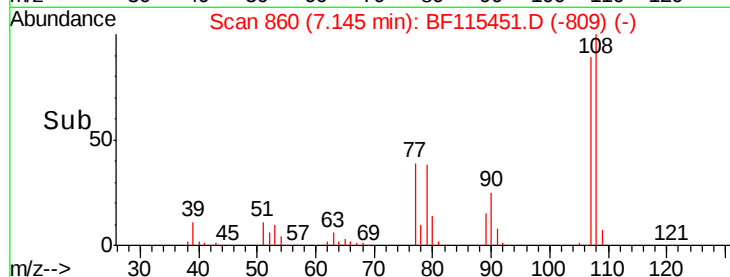
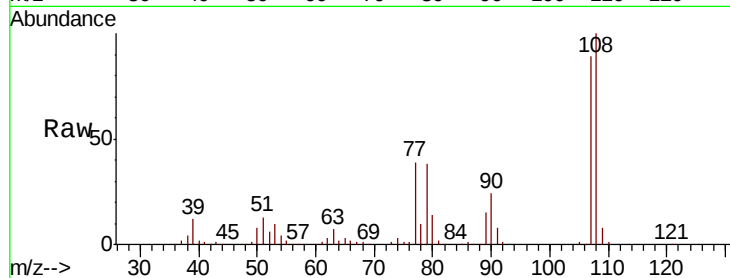
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 43.7 35.0 52.4

79 43.0 34.4 51.6

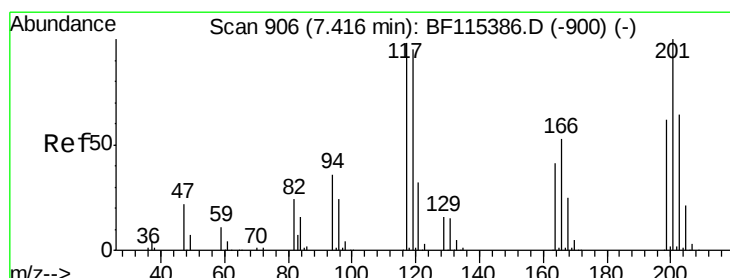
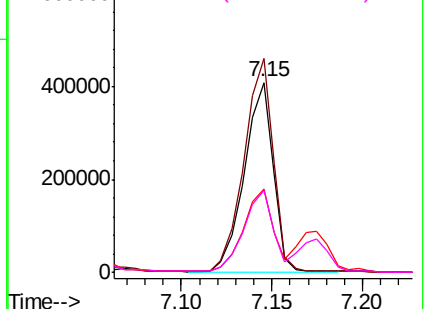


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.047 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

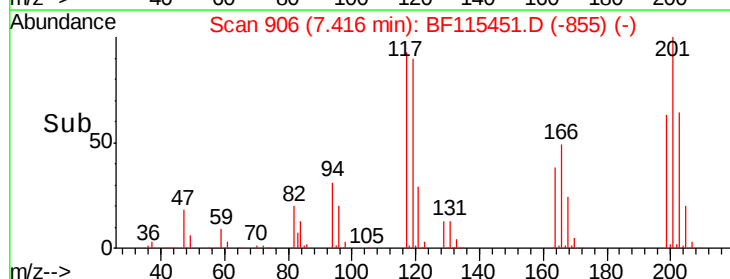
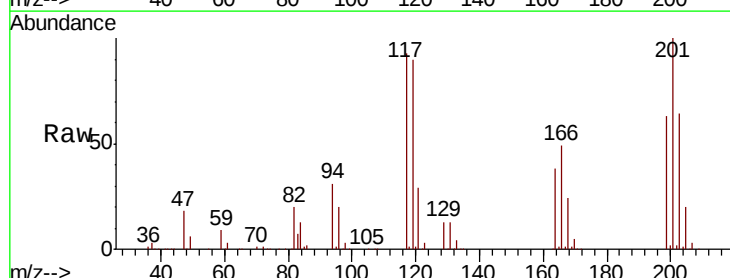
Tgt Ion:117 Resp: 219271

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

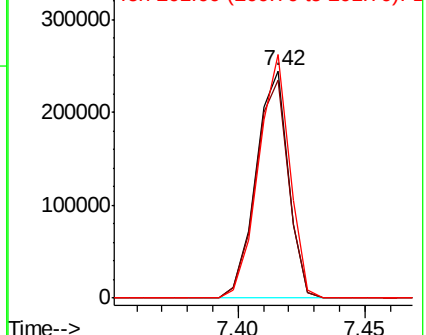
201 107.2 85.8 128.6

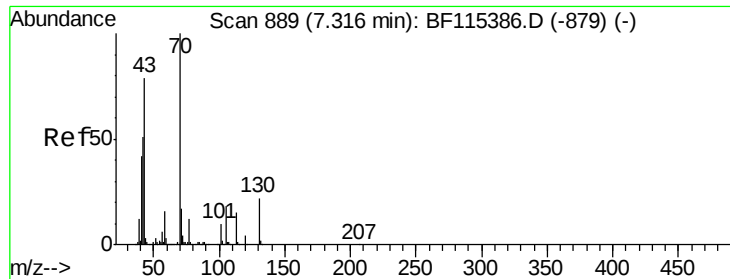


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

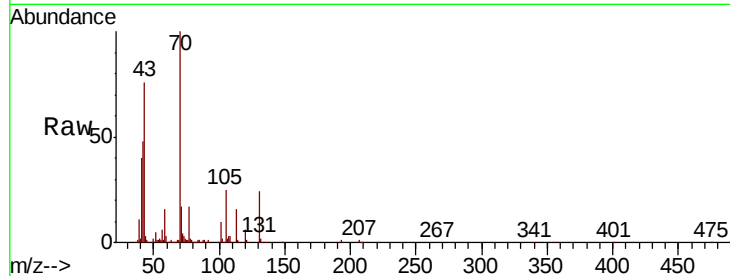




#19
n-Nitroso-di-n-propylamine
Concen: 35.122 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	377290
Ion	Ratio	Lower	Upper
70	100		
42	48.1	38.5	57.7
101	10.0	8.0	12.0
130	23.9	19.1	28.7



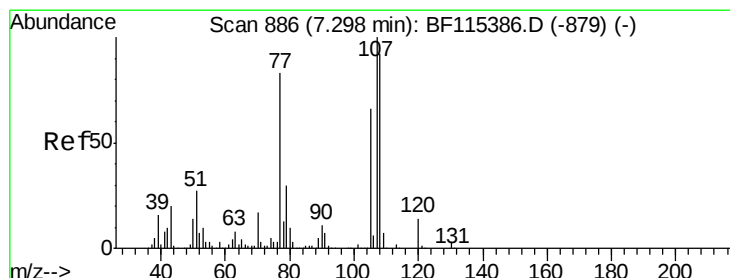
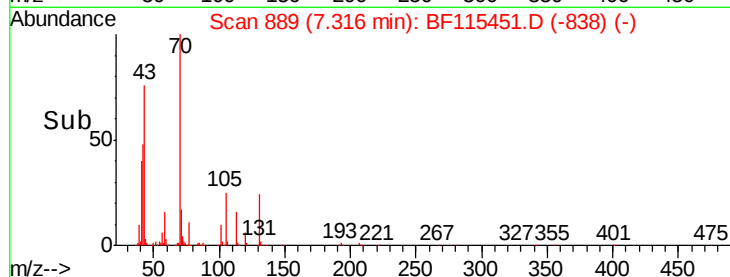
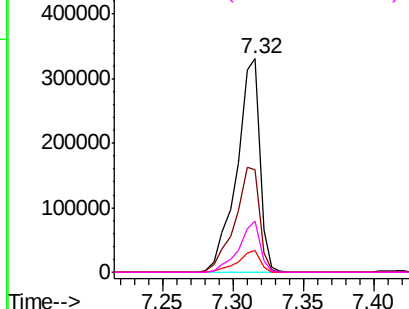
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

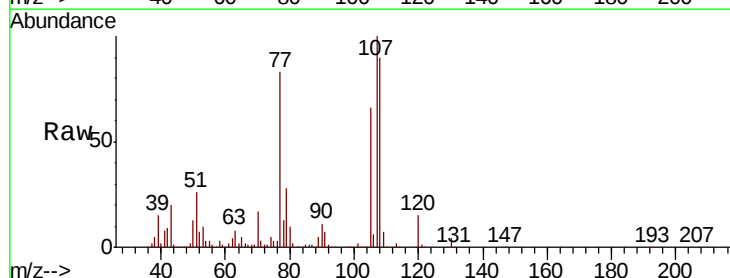
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.355 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:	107	Resp:	532916
Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.5	110.5
77	83.0	63.0	103.0
79	28.3	8.3	48.3



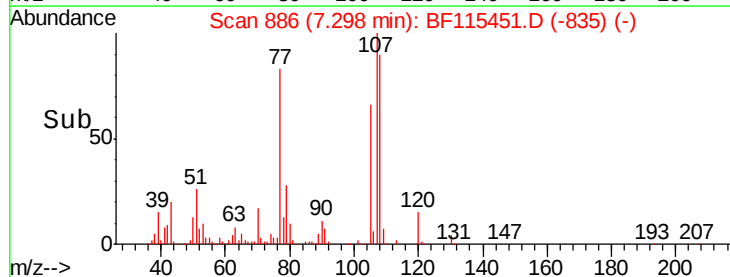
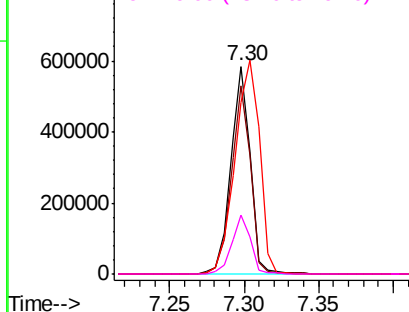
Abundance

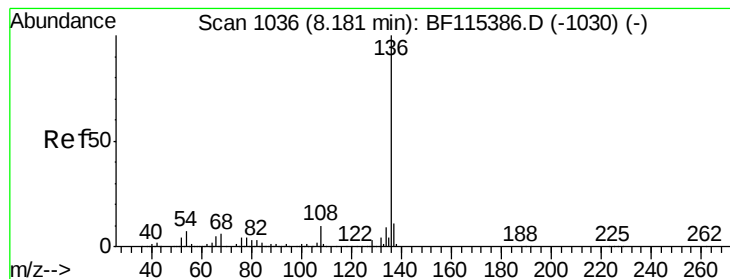
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 791972

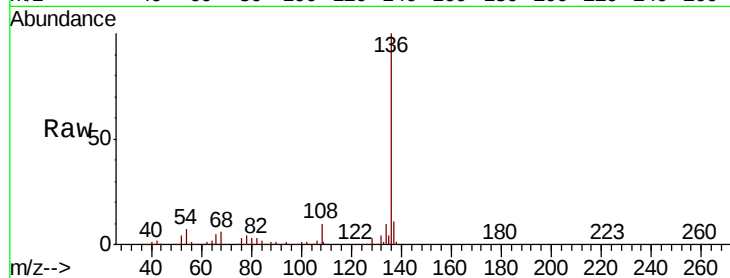
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.4 8.0

68 6.0 4.8 7.2

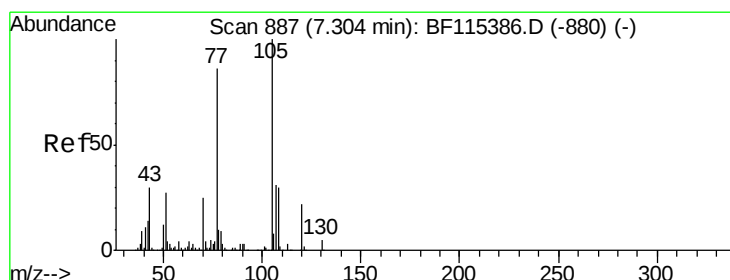
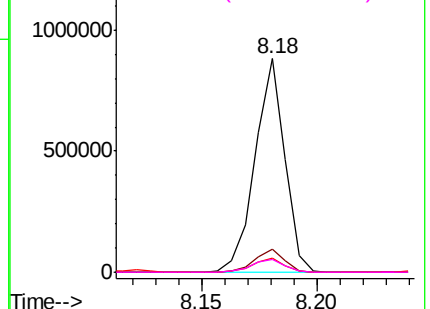
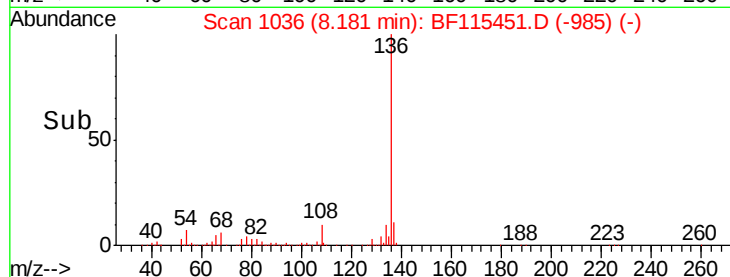


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.927 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Tgt Ion:105 Resp: 700774

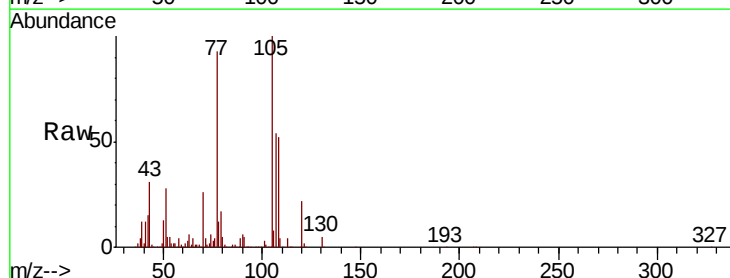
Ion Ratio Lower Upper

105 100

71 4.4 3.5 5.3

51 28.2 22.6 33.8

120 22.4 17.9 26.9

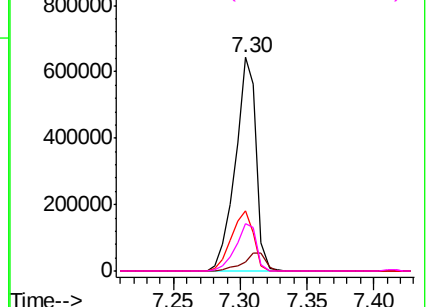
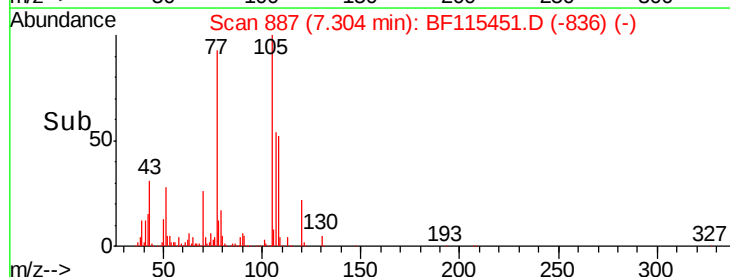


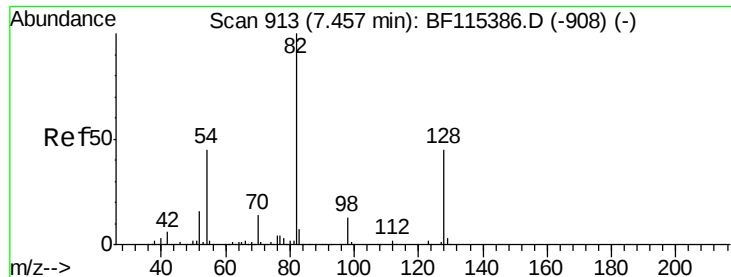
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

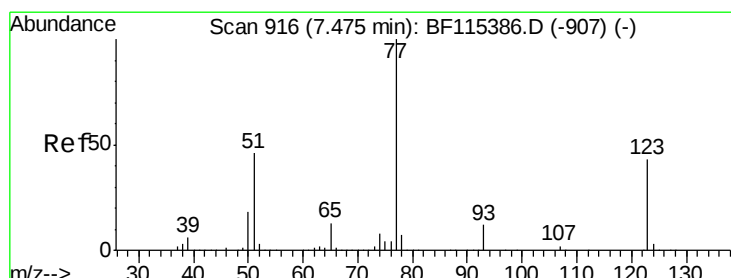
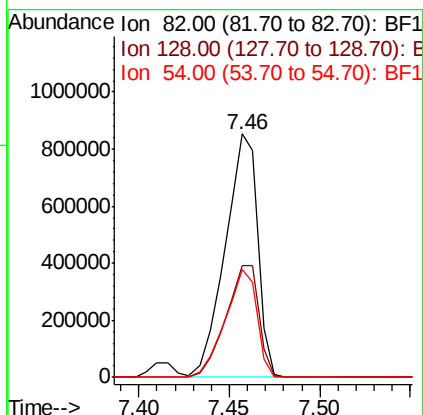
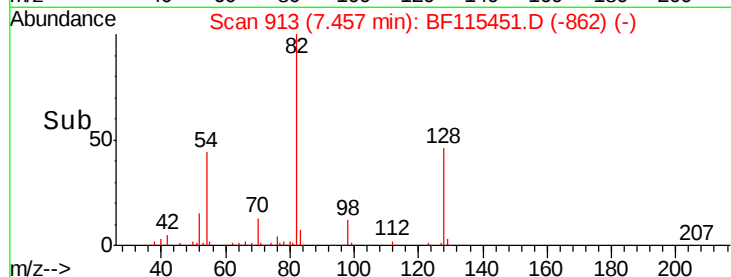
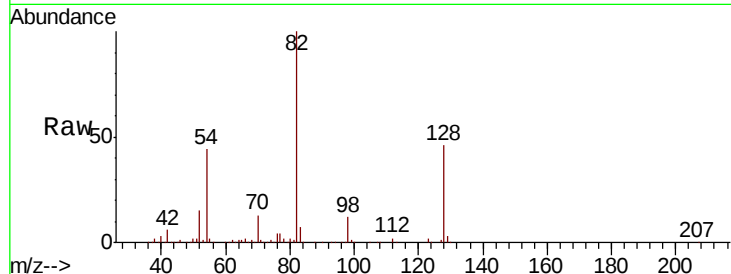




#23
Nitrobenzene-d5
Concen: 79.081 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

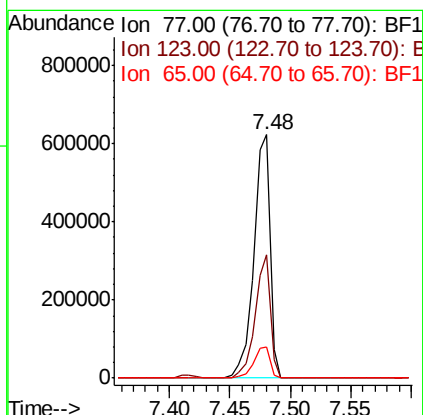
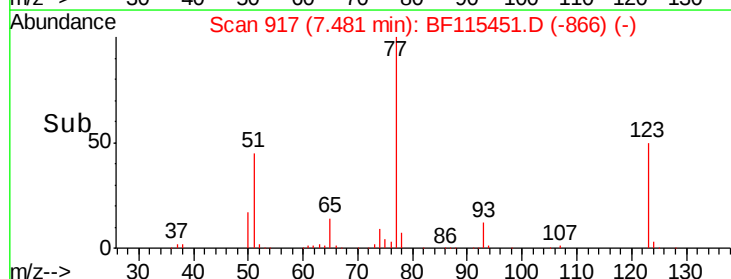
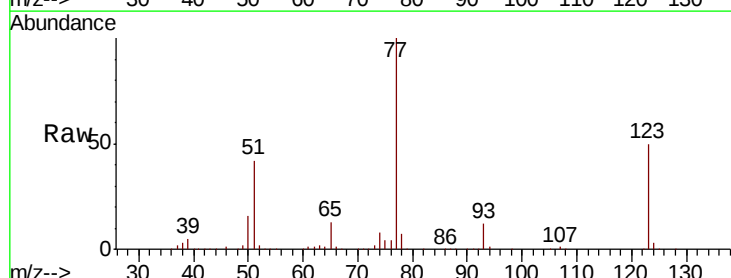
Instrument :
BNA_F
ClientSampleId :

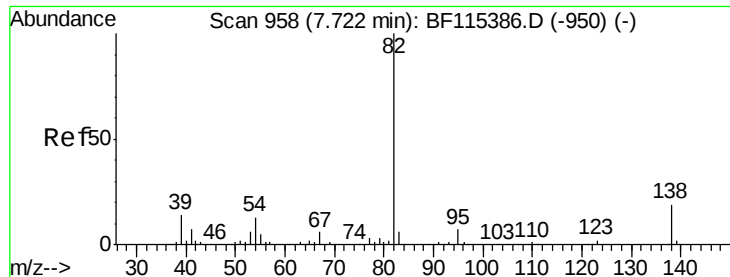
Tot Ion: 82 Resp: 1060024
Ion Ratio Lower Upper
82 100
128 45.9 36.7 55.1
54 44.5 35.6 53.4



#24
Nitrobenzene
Concen: 38.985 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion: 77 Resp: 590163
Ion Ratio Lower Upper
77 100
123 50.5 40.4 60.6
65 13.0 10.4 15.6





#25

Isophorone

Concen: 36.398 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

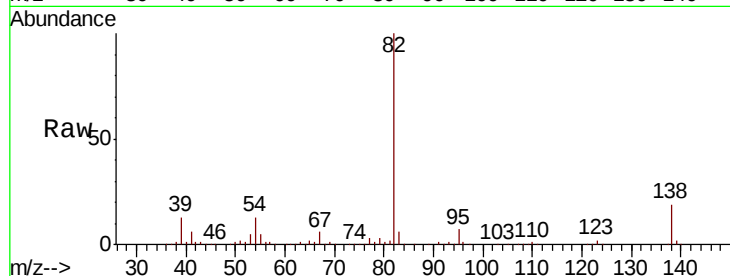
Tot Ion: 82 Resp: 1057523

Ion Ratio Lower Upper

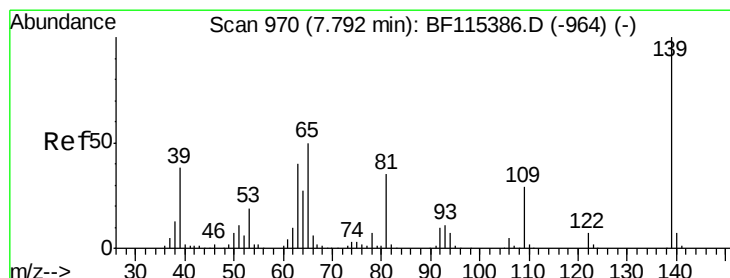
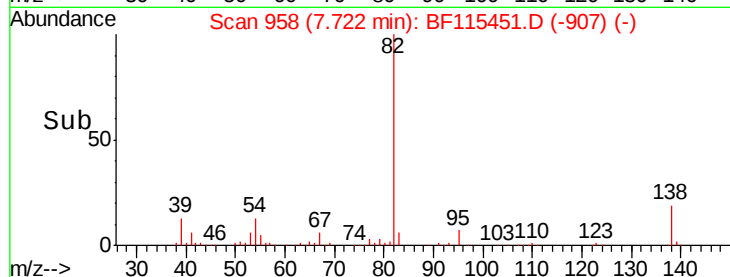
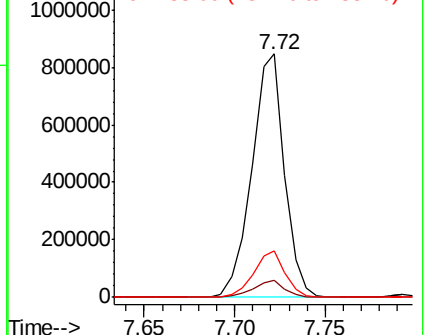
82 100

95 6.8 5.4 8.2

138 18.9 15.1 22.7



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



#26

2-Nitrophenol

Concen: 46.459 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

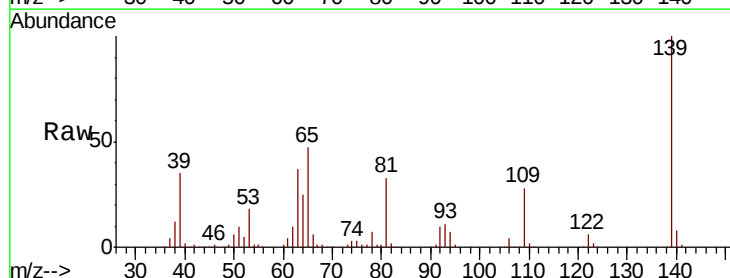
Tgt Ion: 139 Resp: 289147

Ion Ratio Lower Upper

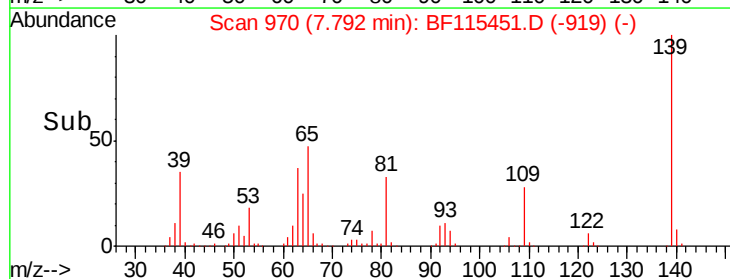
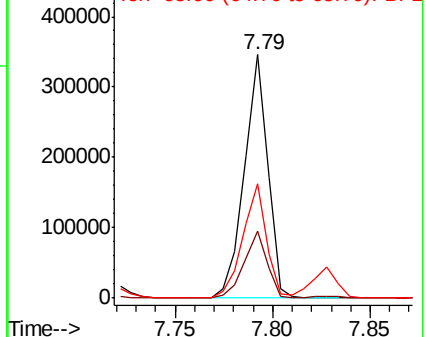
139 100

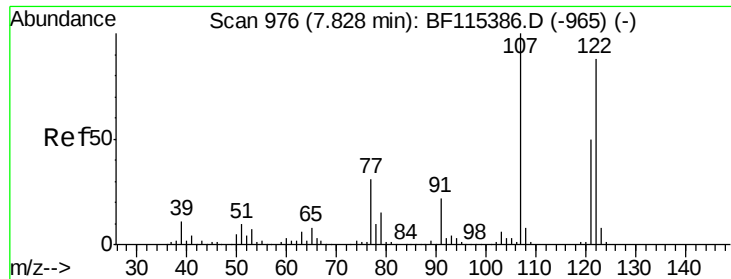
109 27.8 22.2 33.4

65 46.9 37.5 56.3



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

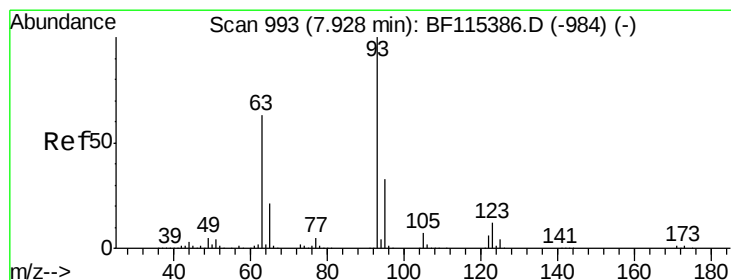
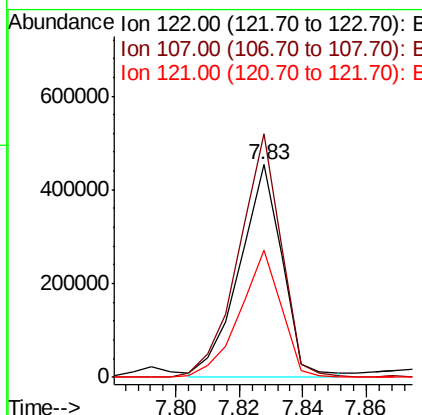
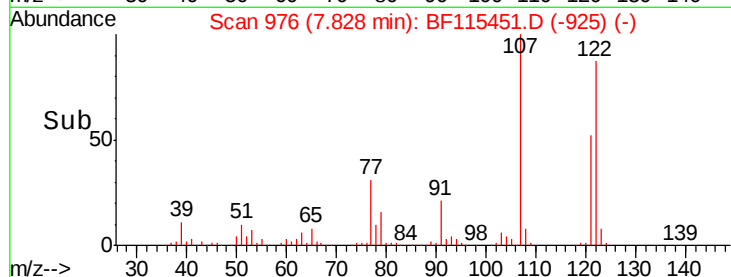
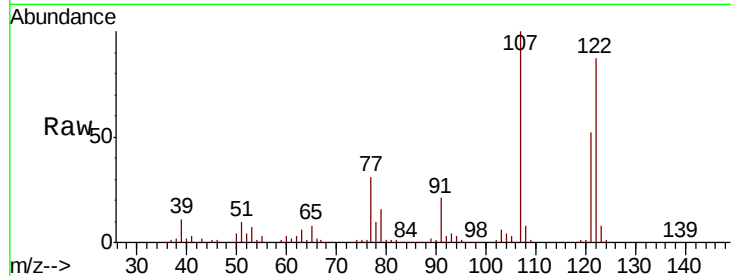




#27
2,4-Dimethylphenol
Concen: 35.637 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

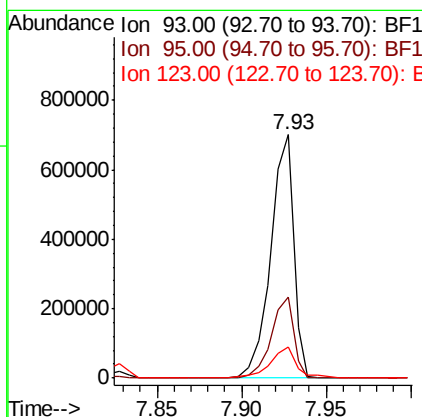
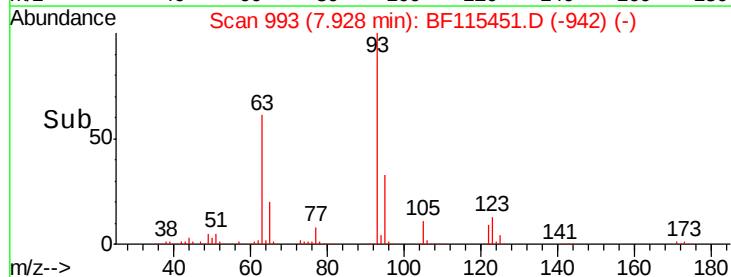
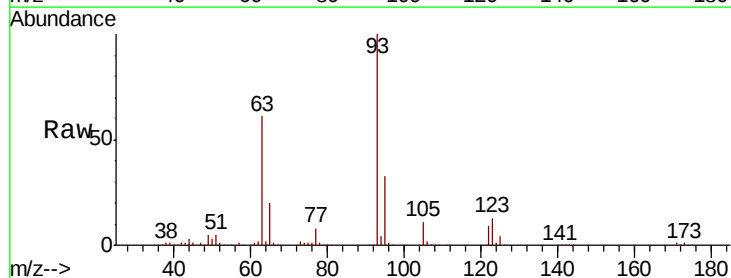
Instrument :
BNA_F
ClientSampleId :

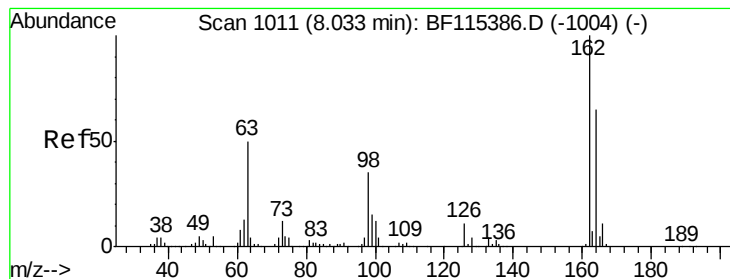
Tot Ion:122 Resp: 422924
Ion Ratio Lower Upper
122 100
107 114.6 91.7 137.5
121 59.6 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 36.849 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion: 93 Resp: 660181
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 13.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 38.488 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

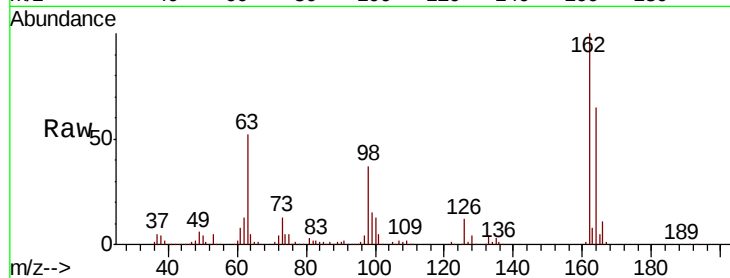
Tot Ion:162 Resp: 454935

Ion Ratio Lower Upper

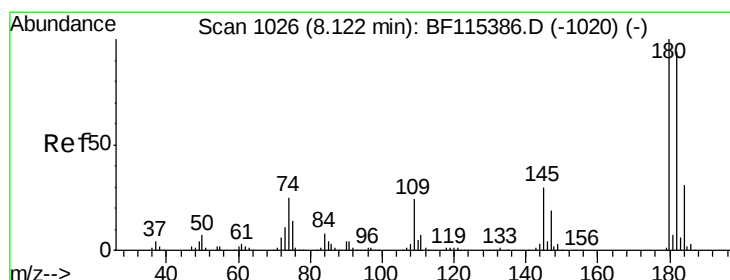
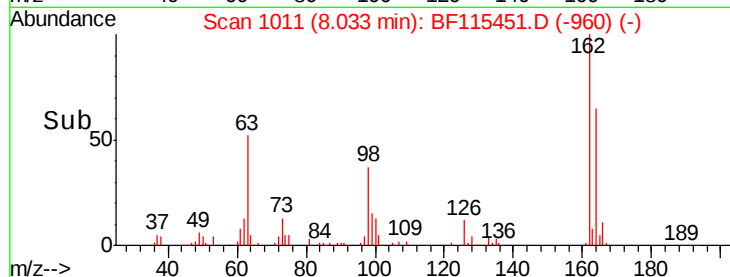
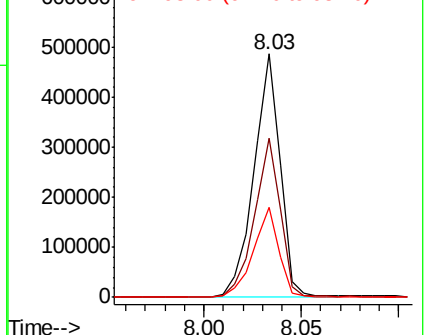
162 100

164 65.2 45.2 85.2

98 37.0 17.0 57.0



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: 39.114 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

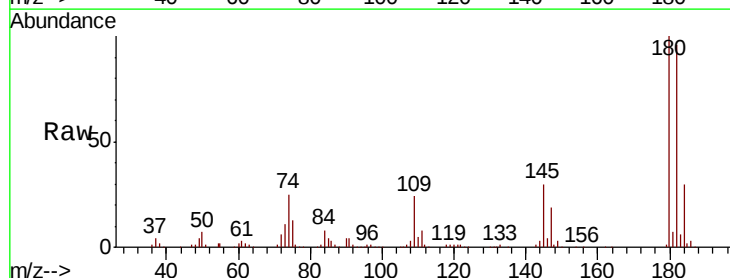
Tgt Ion:180 Resp: 514698

Ion Ratio Lower Upper

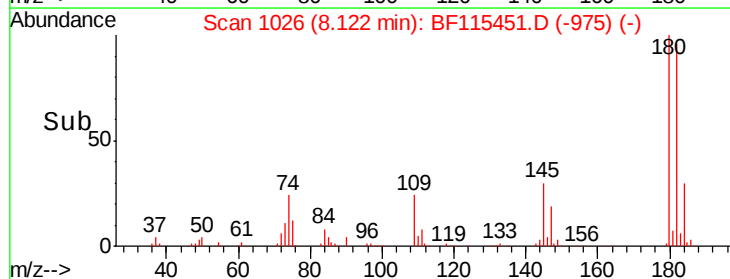
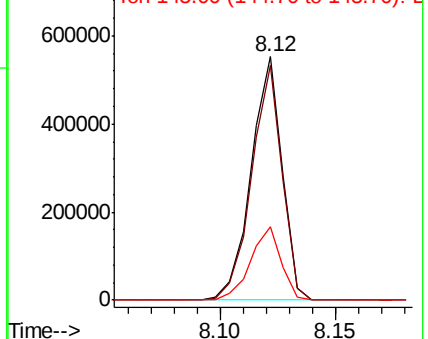
180 100

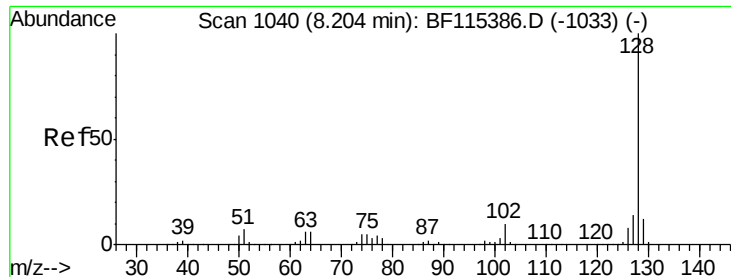
182 96.4 77.1 115.7

145 29.9 23.9 35.9



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

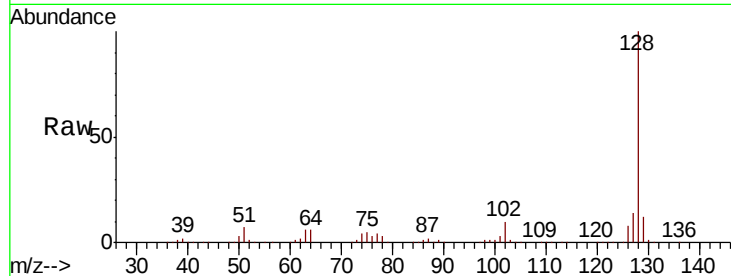




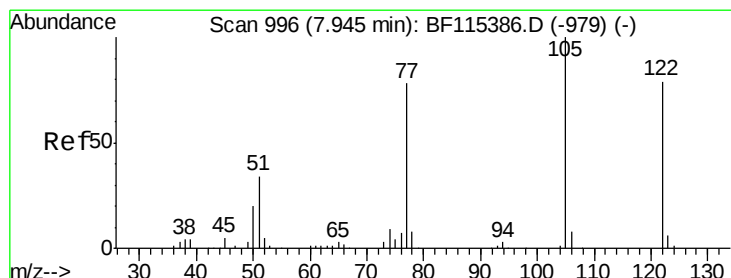
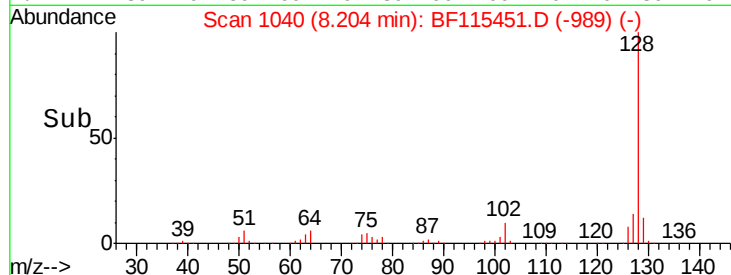
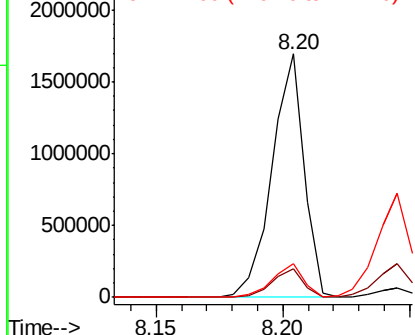
#31
Naphthalene
Concen: 38.270 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1505433
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.9 11.1 16.7

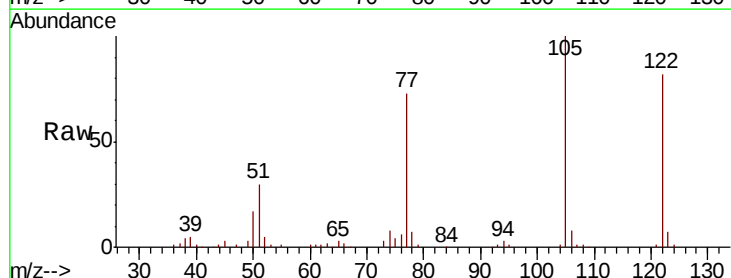


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

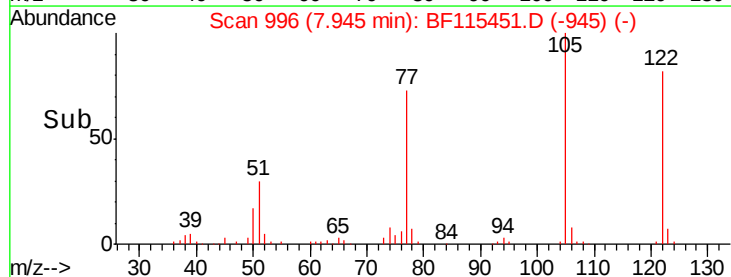
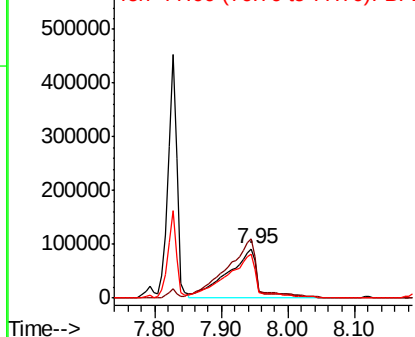


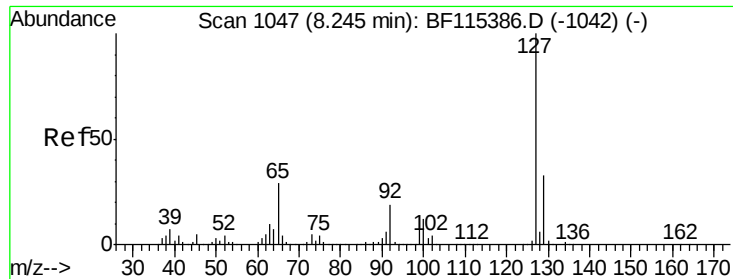
#32
Benzoic acid
Concen: 35.898 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:122 Resp: 295286
Ion Ratio Lower Upper
122 100
105 121.6 101.6 141.6
77 89.1 69.1 109.1



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

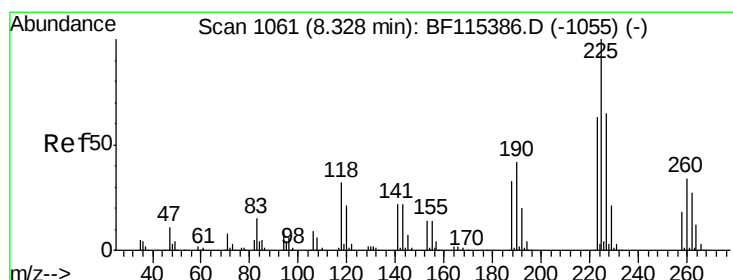
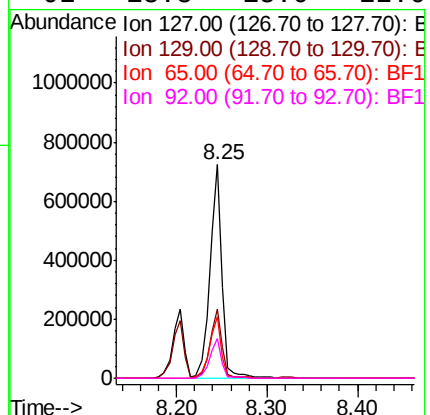
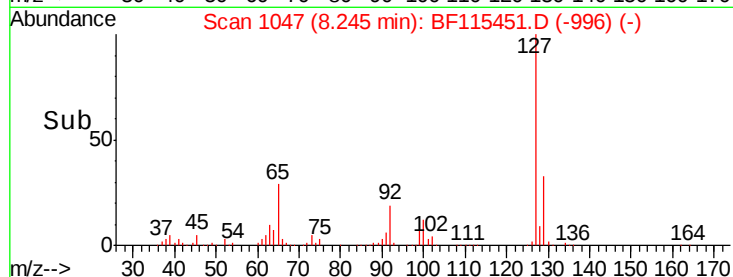
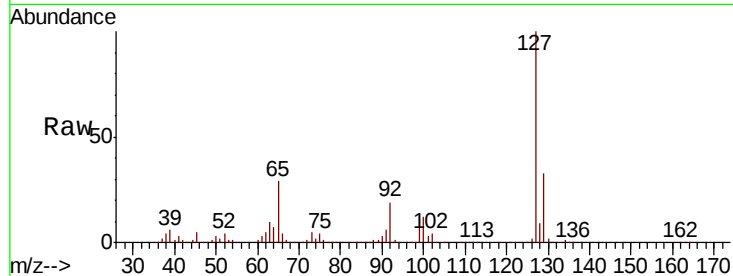




#33
4-Chloroaniline
Concen: 38.556 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

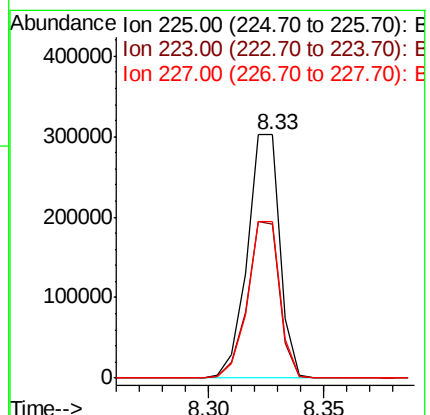
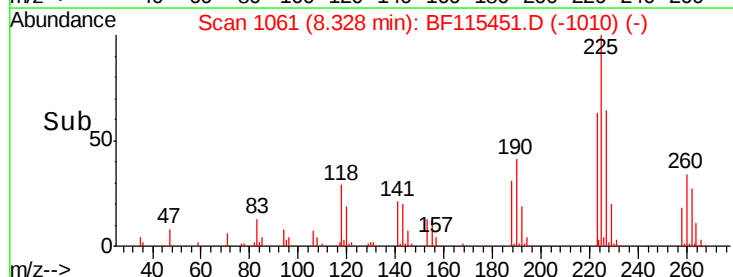
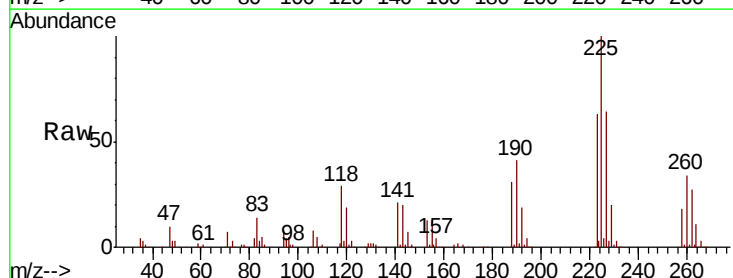
Instrument :
BNA_F
ClientSampleId :

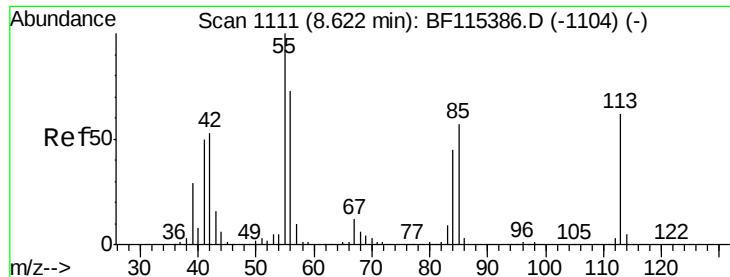
Tot Ion:	127	Resp:	676706
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.0	23.2	34.8
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.856 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:	225	Resp:	297429
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.3	51.4	77.2

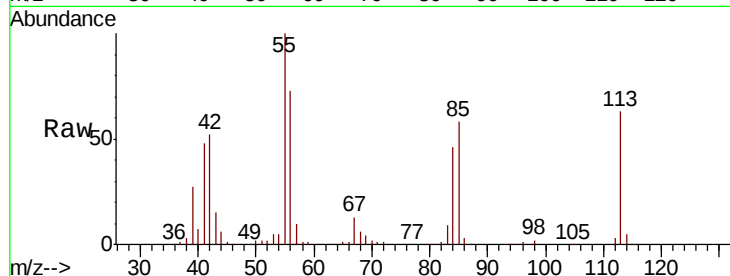




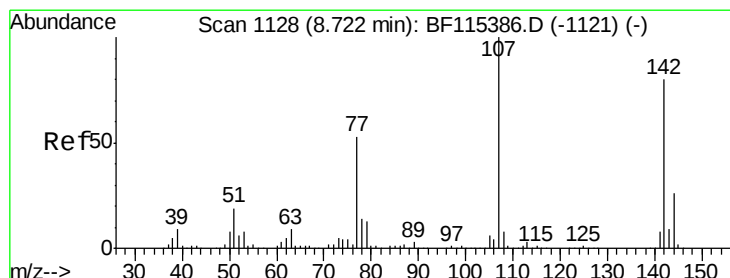
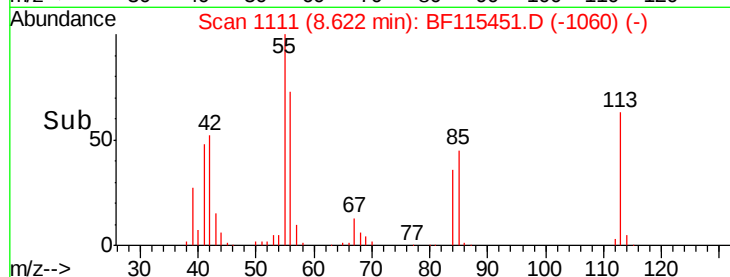
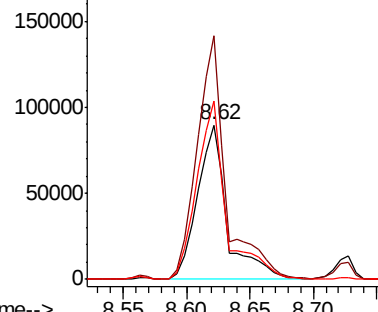
#35
 Caprolactam
 Concen: 37.683 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 145070
 Ion Ratio Lower Upper
 113 100
 55 158.1 138.1 178.1
 56 115.7 95.7 135.7

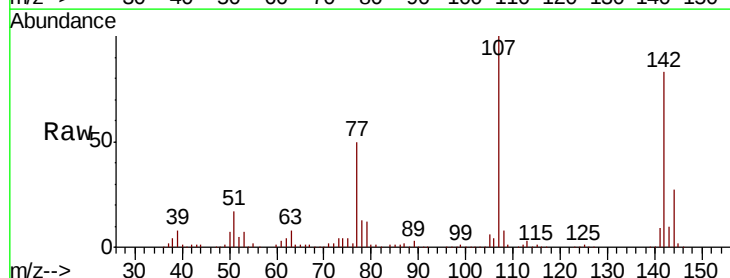


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

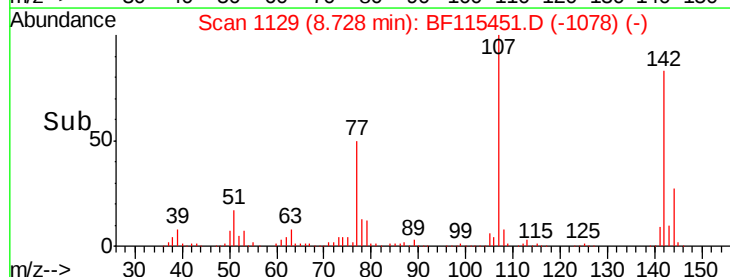
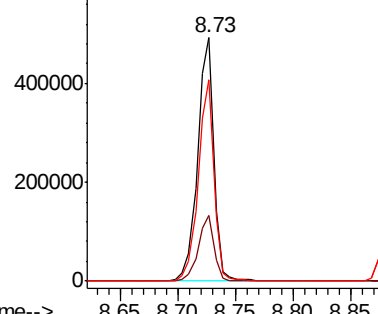


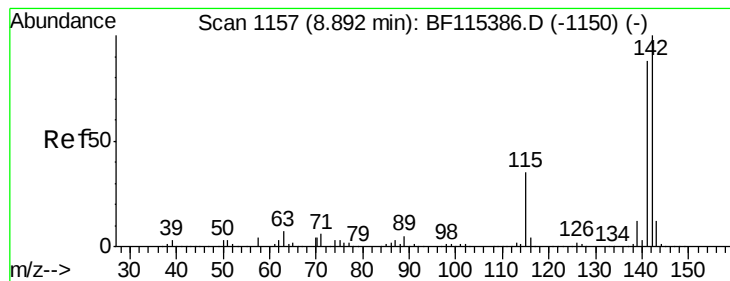
#36
 4-Chloro-3-methylphenol
 Concen: 38.309 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:107 Resp: 478962
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.5 32.3
 142 82.7 66.2 99.2



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: 37.945 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

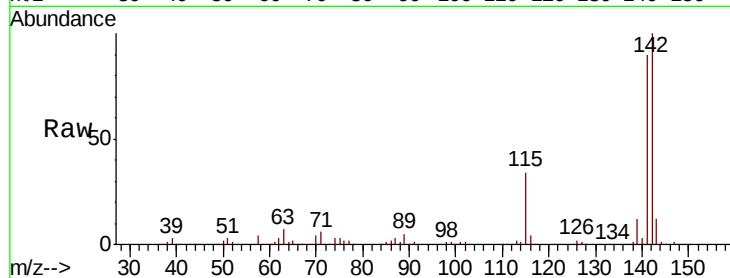
Tot Ion:142 Resp: 997699

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1

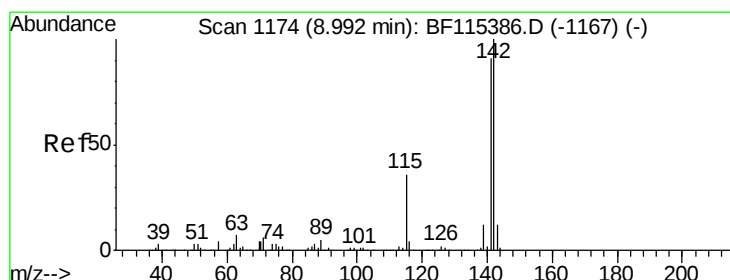
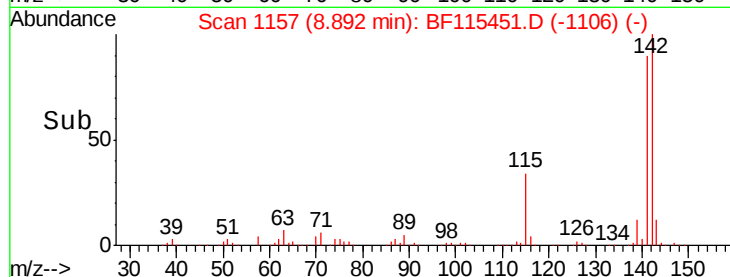
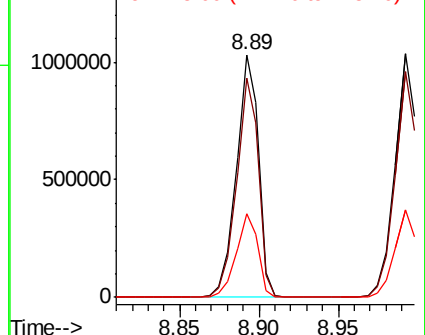
115 34.5 27.6 41.4



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: 38.009 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

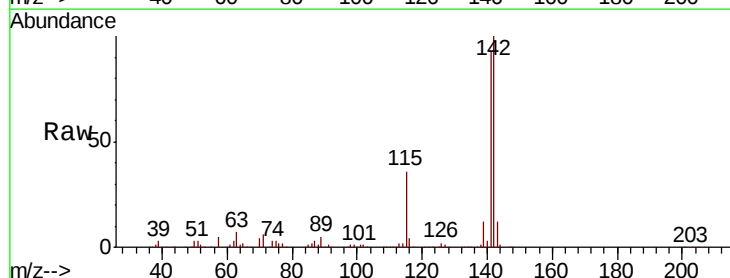
Tgt Ion:142 Resp: 953541

Ion Ratio Lower Upper

142 100

141 92.9 74.3 111.5

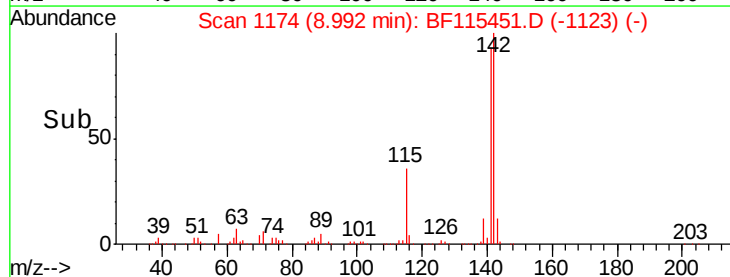
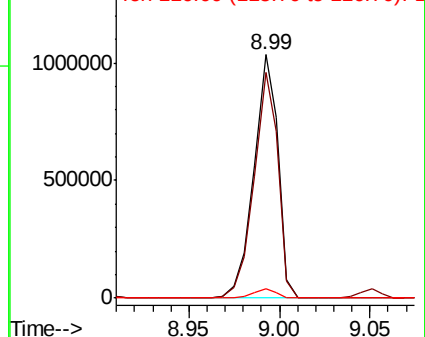
116 3.9 3.1 4.7

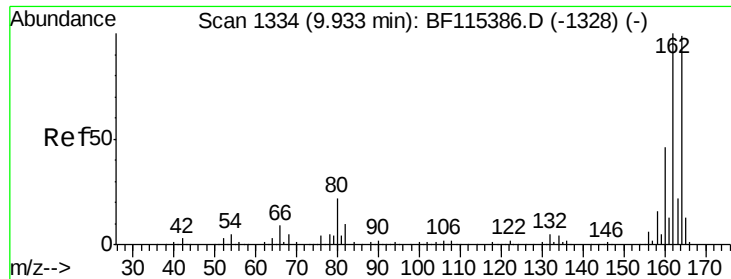


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

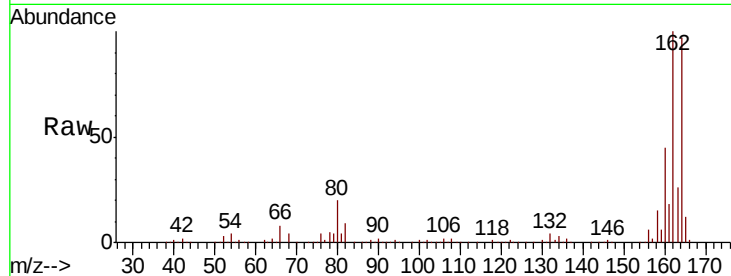




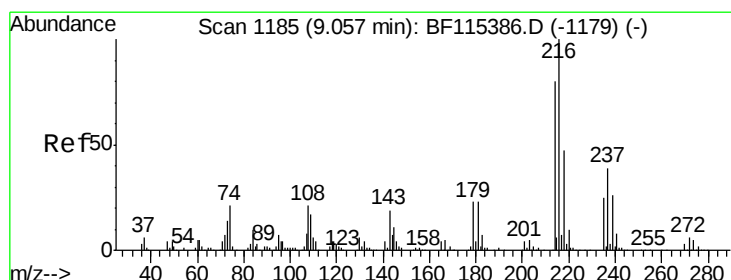
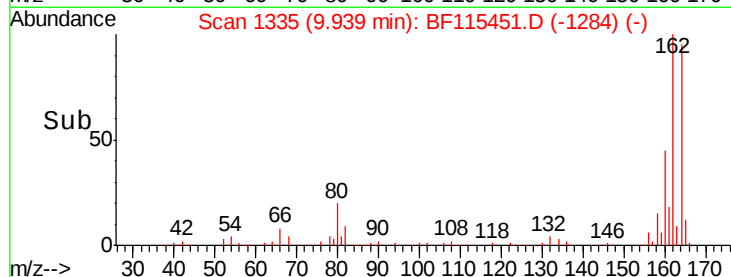
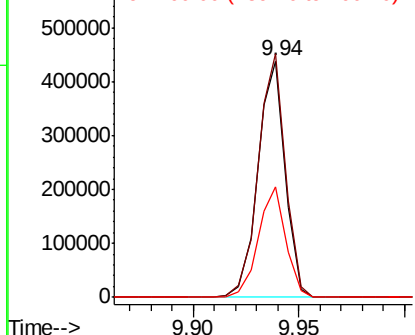
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 392040
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 46.5 37.2 55.8

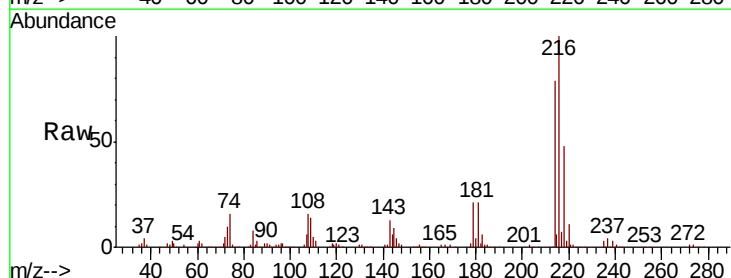


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

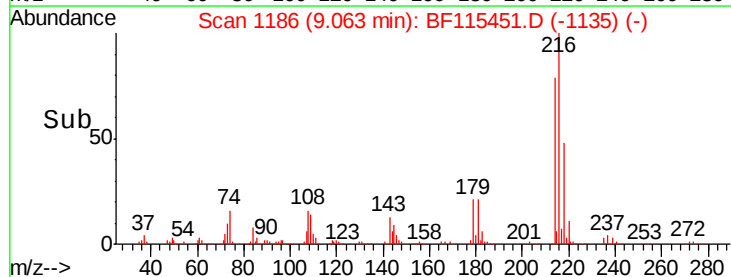
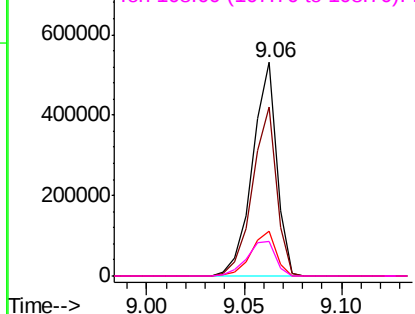


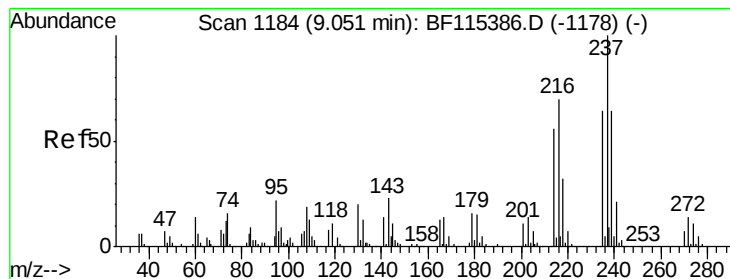
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.523 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:216 Resp: 457036
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.7 17.4 26.0
108 19.3 15.4 23.2



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: 39.002 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

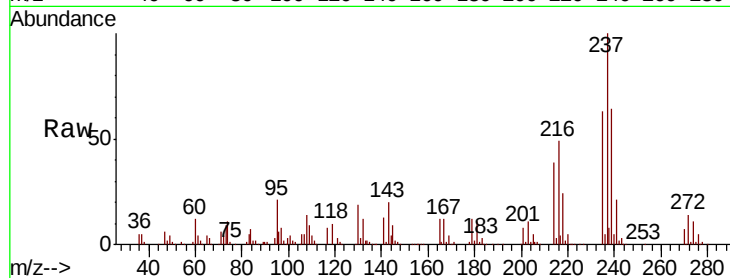
Tot Ion:237 Resp: 254950

Ion Ratio Lower Upper

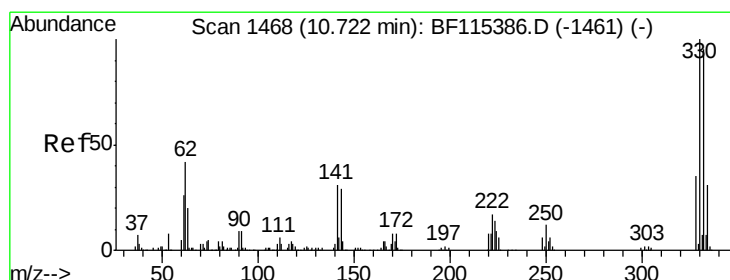
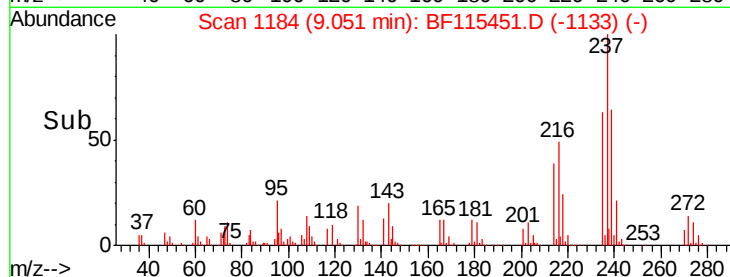
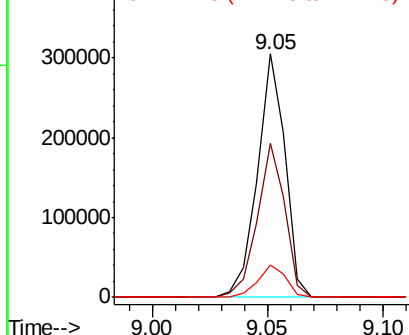
237 100

235 63.4 43.4 83.4

272 13.6 0.0 33.6



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: 81.648 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

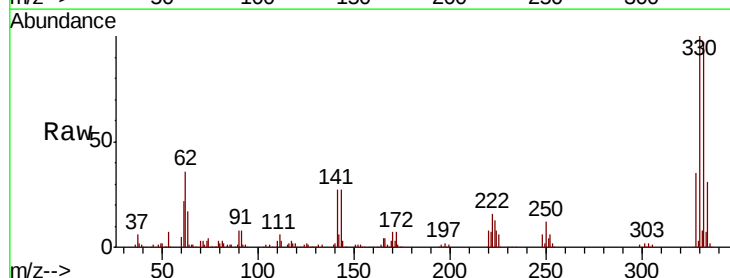
Tgt Ion:330 Resp: 353917

Ion Ratio Lower Upper

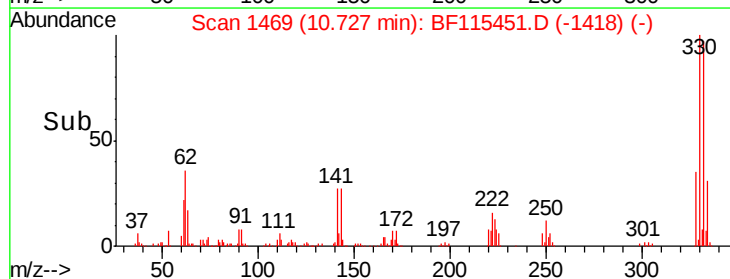
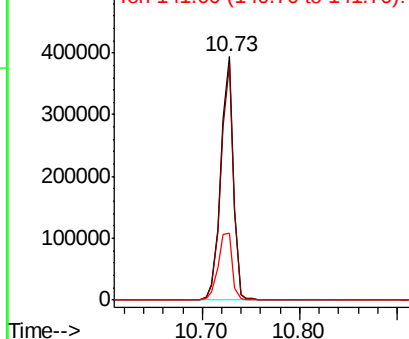
330 100

332 96.7 77.4 116.0

141 30.9 24.7 37.1



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

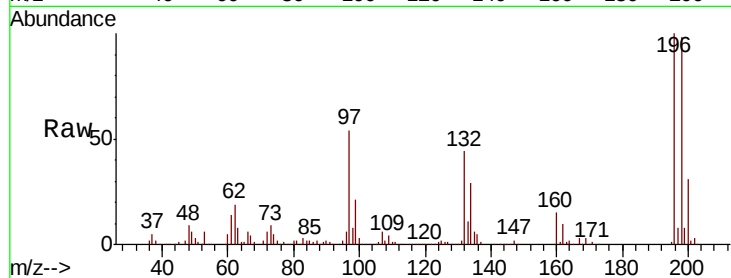




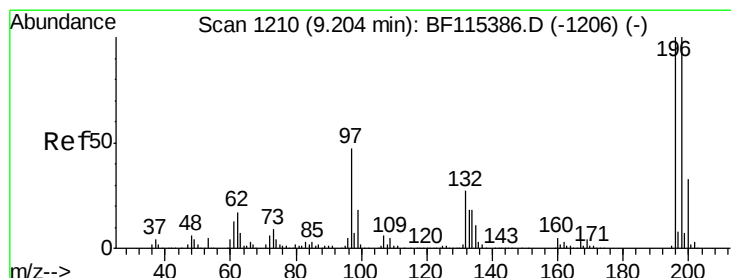
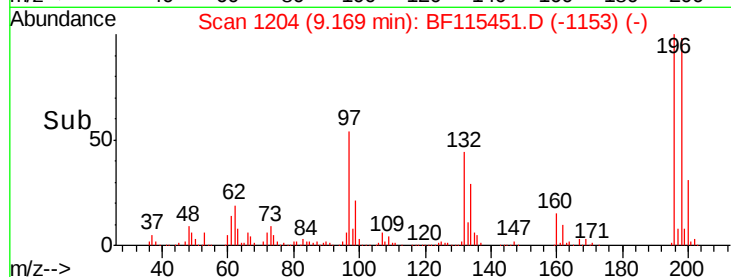
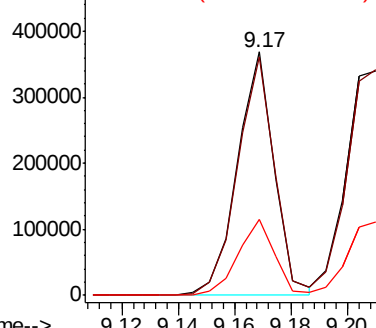
#43
 2,4,6-Trichlorophenol
 Concen: 40.461 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 332228
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.2 117.4
 200 31.3 25.0 37.6

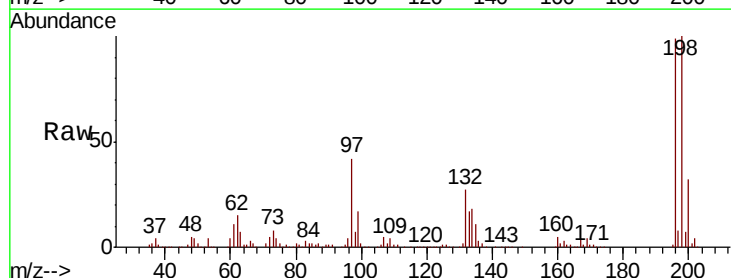


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

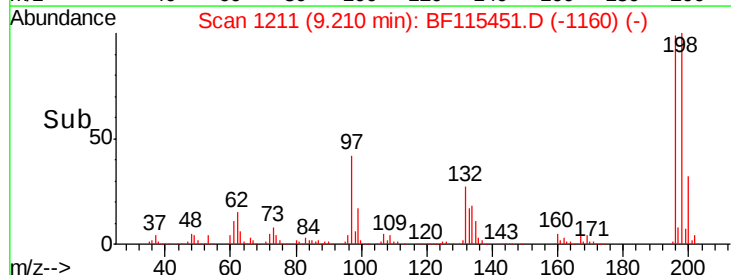
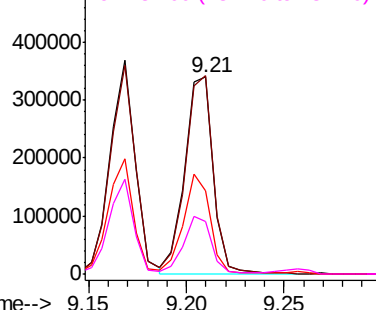


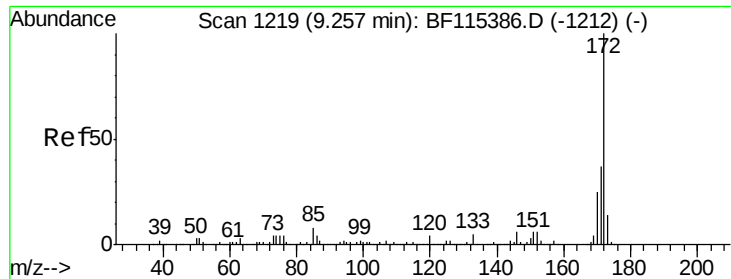
#44
 2,4,5-Trichlorophenol
 Concen: 40.316 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:196 Resp: 343263
 Ion Ratio Lower Upper
 196 100
 198 100.7 80.6 120.8
 97 42.5 34.0 51.0
 132 26.8 21.4 32.2



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

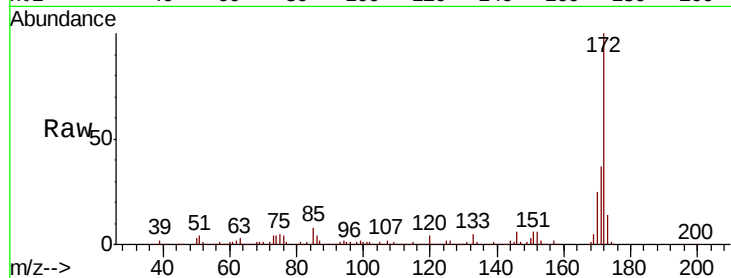




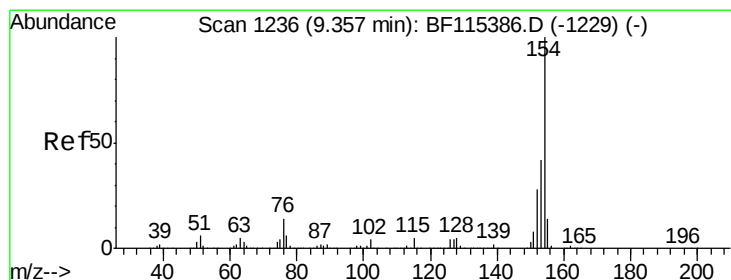
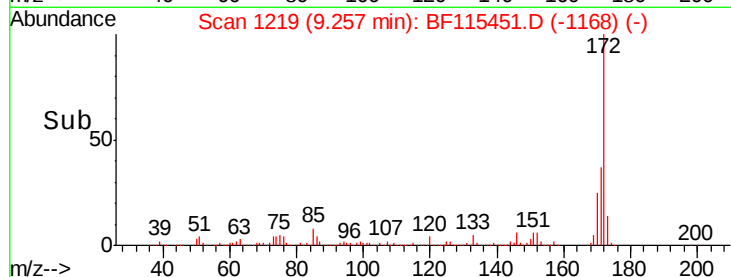
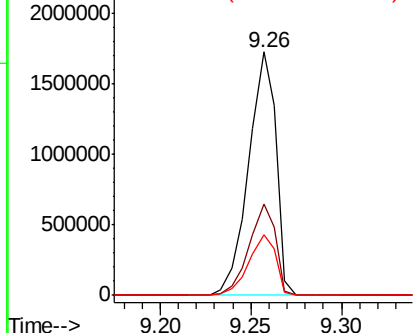
#45
2-Fluorobiphenyl
Concen: 81.208 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1814310
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 25.0 20.0 30.0

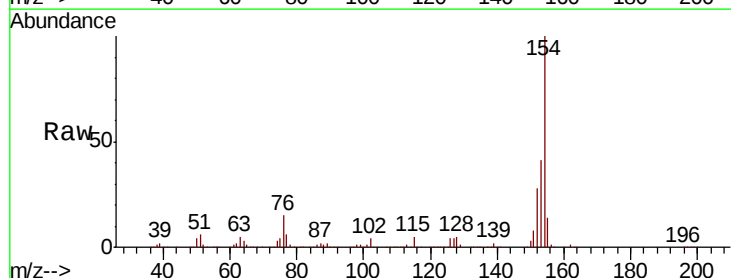


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

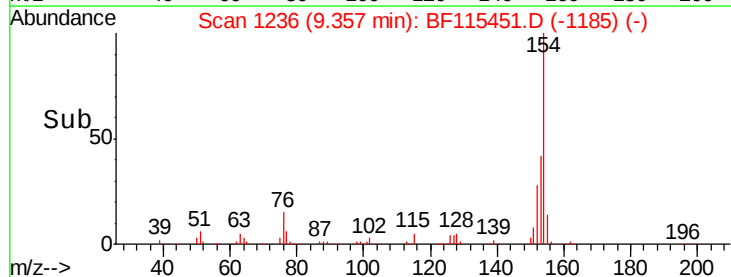
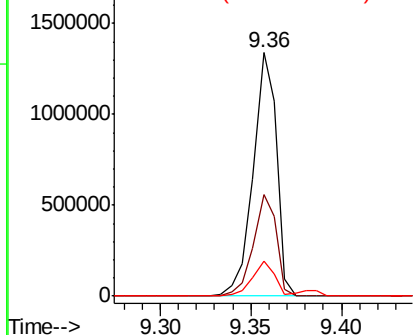


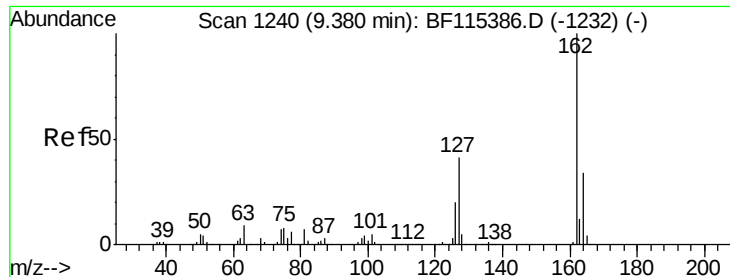
#46
1,1'-Biphenyl
Concen: 38.949 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:154 Resp: 1200405
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 14.6 0.0 34.6



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

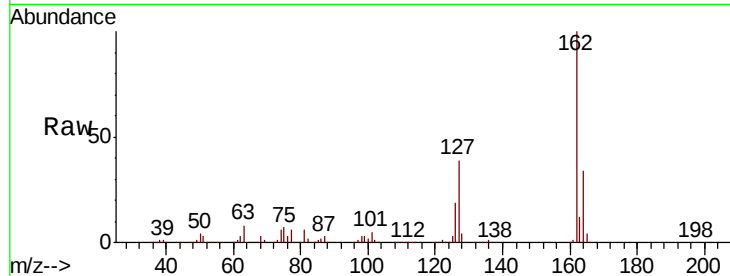




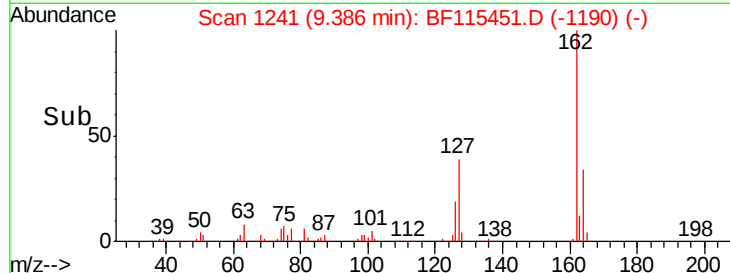
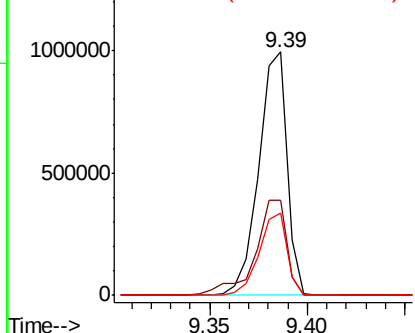
#47
2-Chloronaphthalene
Concen: 39.302 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1001112
Ion Ratio Lower Upper
162 100
127 39.2 31.4 47.0
164 34.0 27.2 40.8

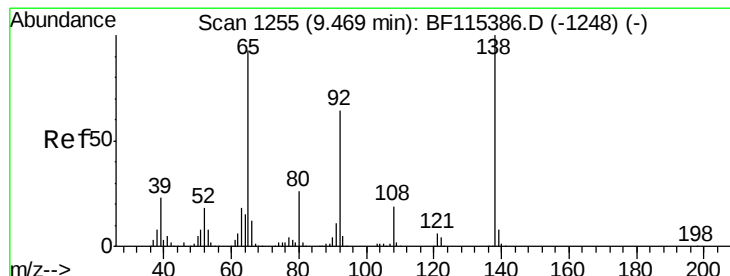


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

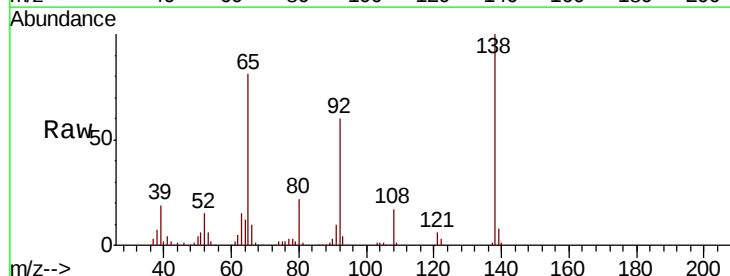
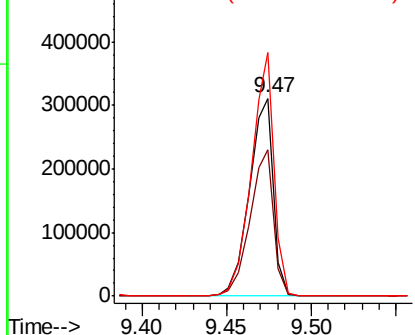


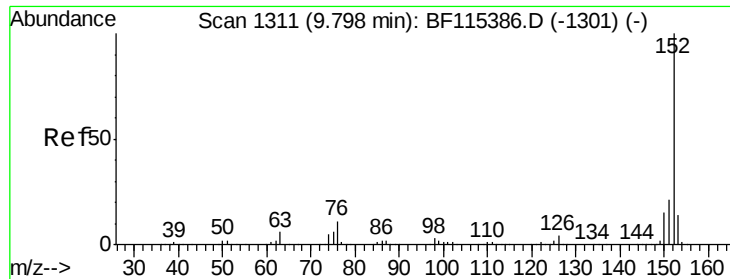
#48
2-Nitroaniline
Concen: 41.406 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion: 65 Resp: 309875
Ion Ratio Lower Upper
65 100
92 73.7 59.0 88.4
138 122.9 98.3 147.5



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: 38.737 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

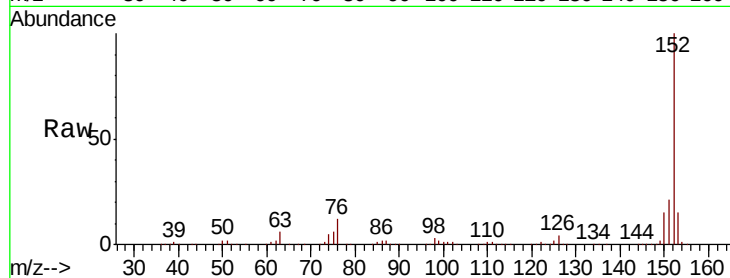
Tot Ion:152 Resp: 1493940

Ion Ratio Lower Upper

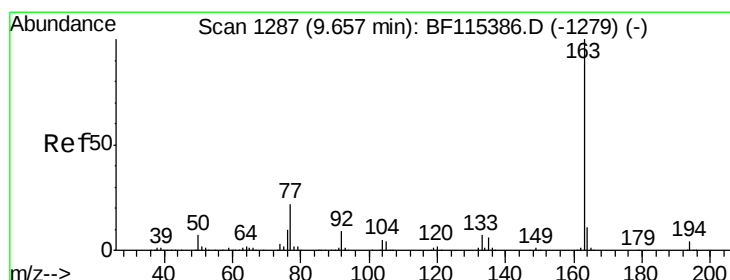
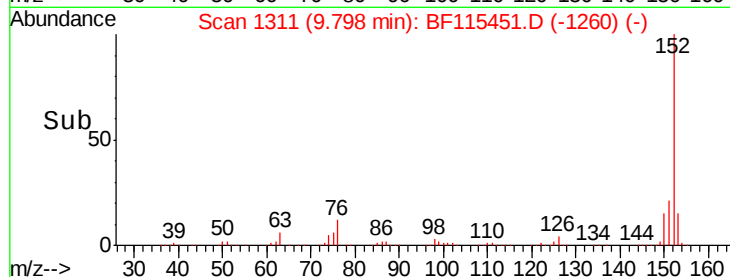
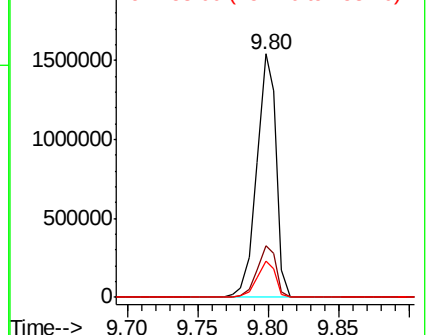
152 100

151 21.4 17.1 25.7

153 14.7 11.8 17.6



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



#50

Dimethylphthalate

Concen: 39.166 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

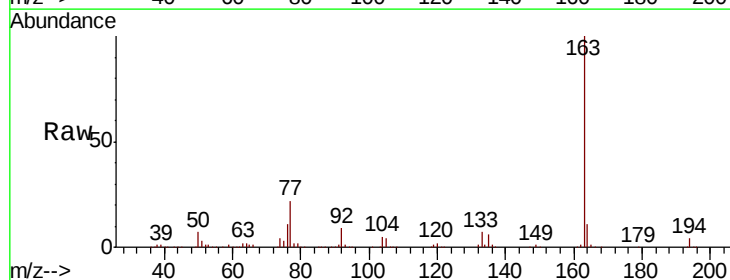
Tgt Ion:163 Resp: 1152472

Ion Ratio Lower Upper

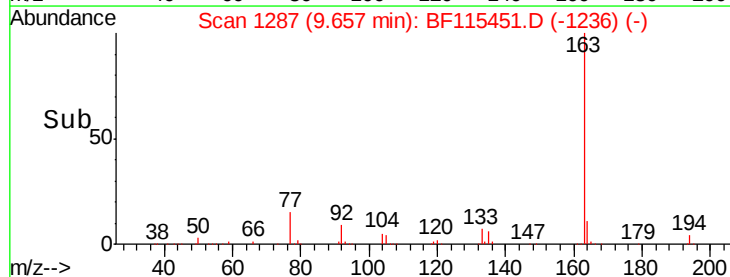
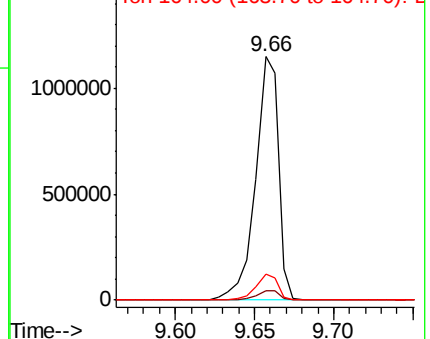
163 100

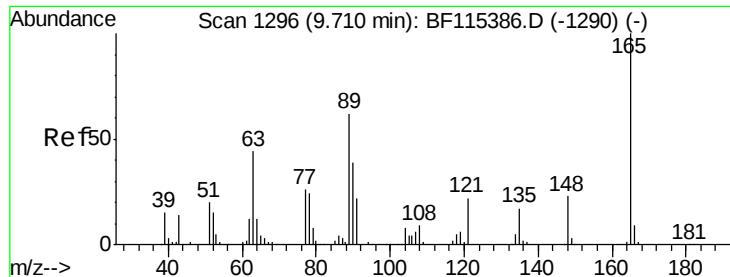
194 3.9 3.1 4.7

164 10.8 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 41.133 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

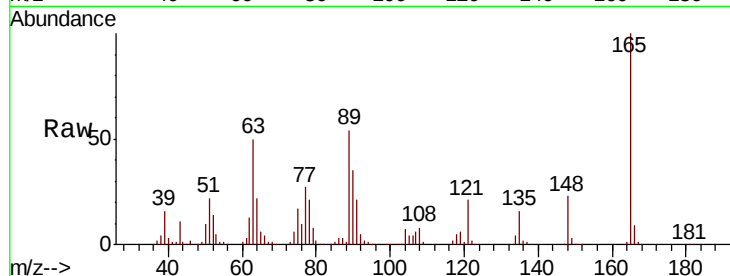
Tot Ion:165 Resp: 262497

Ion Ratio Lower Upper

165 100

63 49.6 39.7 59.5

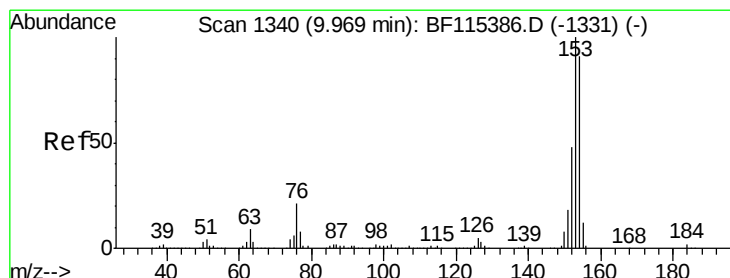
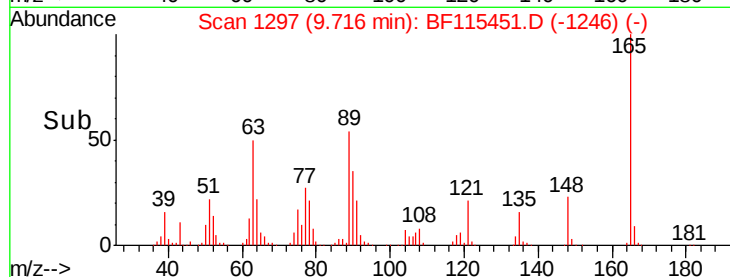
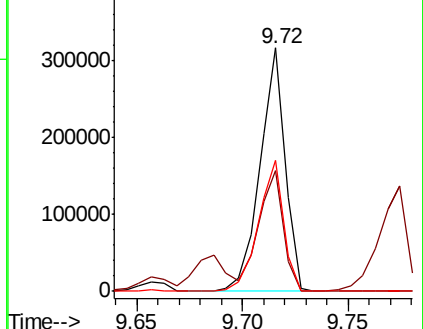
89 53.5 42.8 64.2



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



#52

Acenaphthene

Concen: 38.941 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

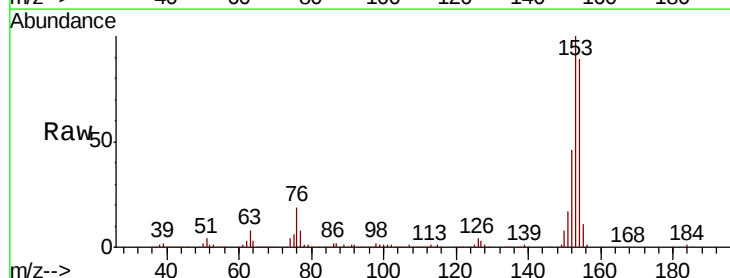
Tgt Ion:154 Resp: 945166

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.8

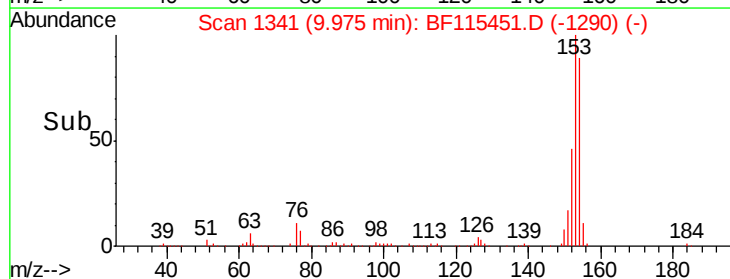
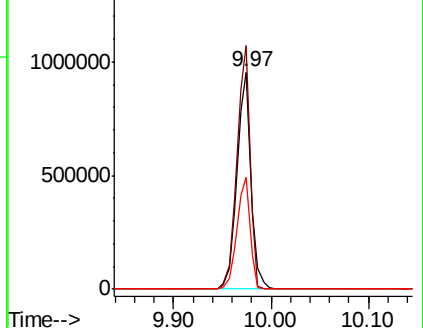
152 51.7 41.4 62.0

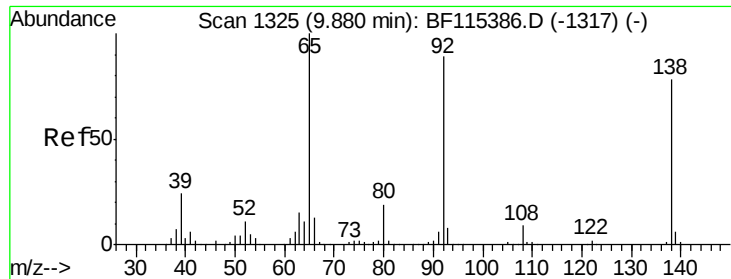


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

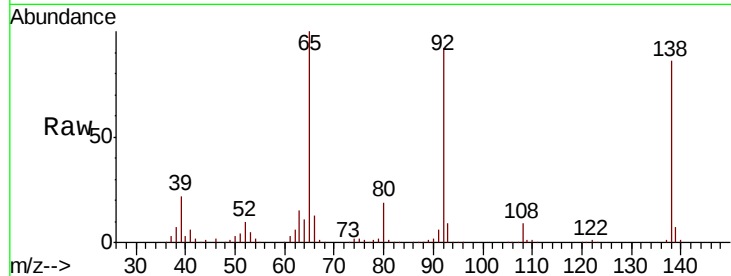




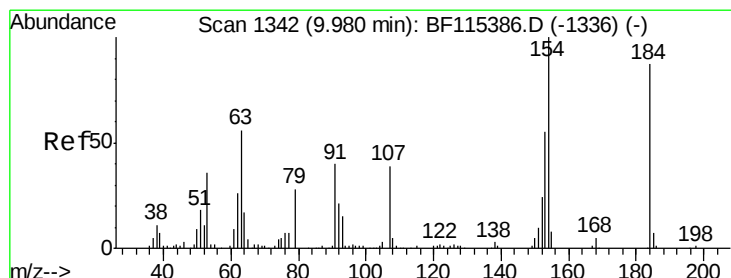
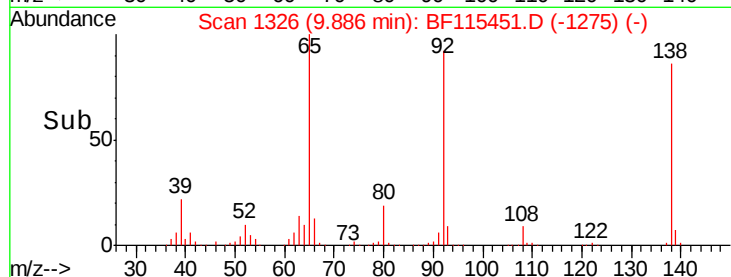
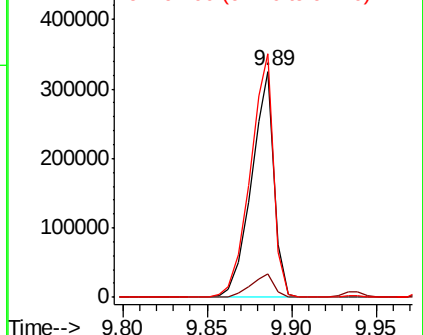
#53
3-Nitroaniline
Concen: 41.188 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 305288
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 107.6 86.1 129.1

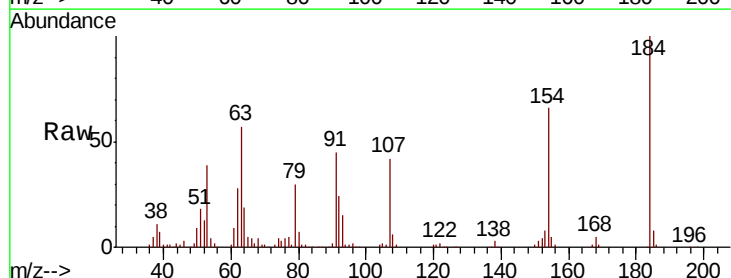


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

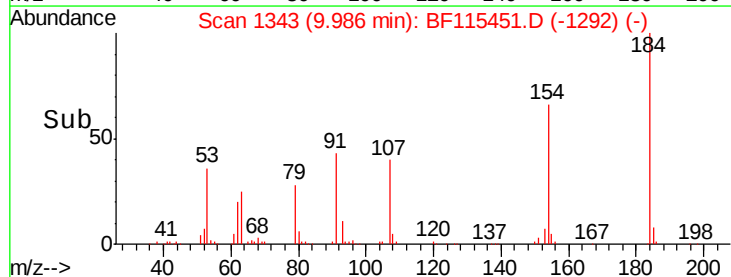
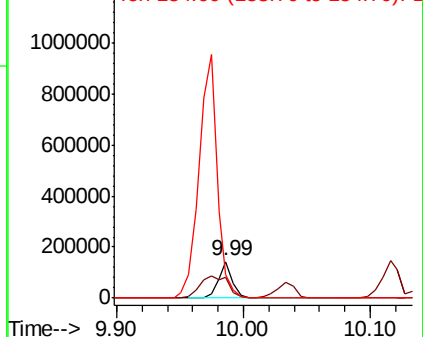


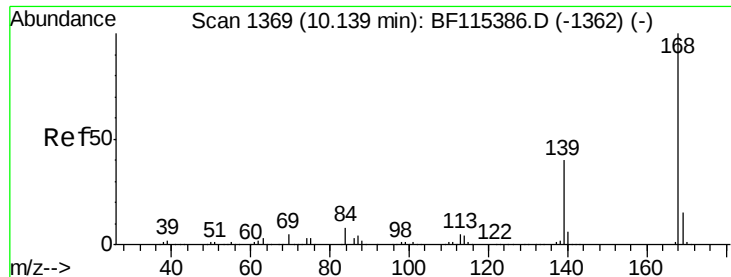
#54
2,4-Dinitrophenol
Concen: 45.430 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:184 Resp: 112000
Ion Ratio Lower Upper
184 100
63 57.2 45.8 68.6
154 66.0 52.8 79.2



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

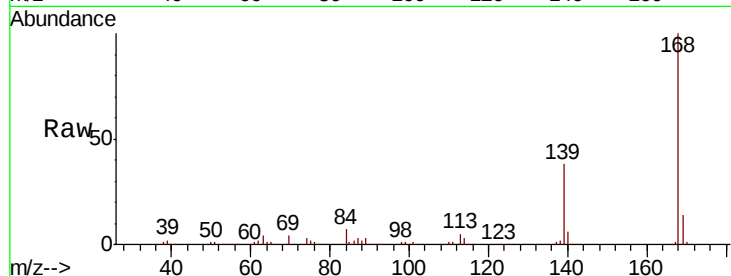




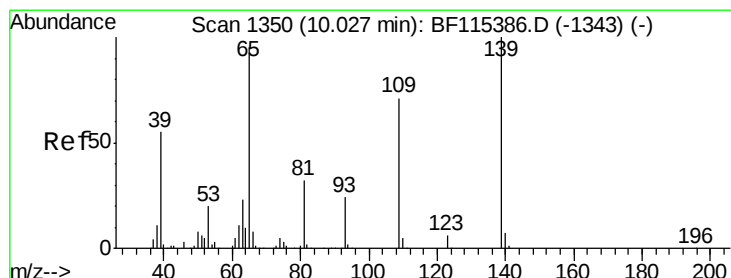
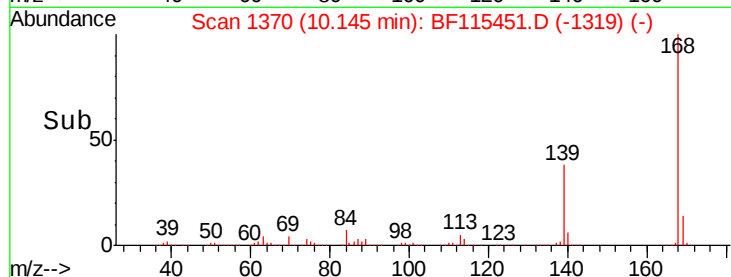
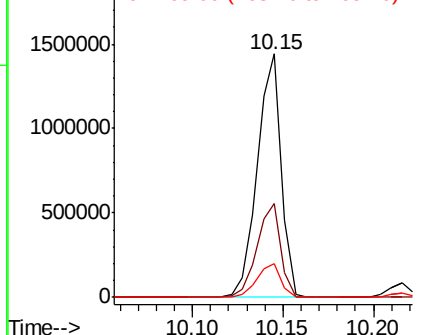
#55
Dibenzofuran
Concen: 38.620 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1320449
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 13.8 11.0 16.6

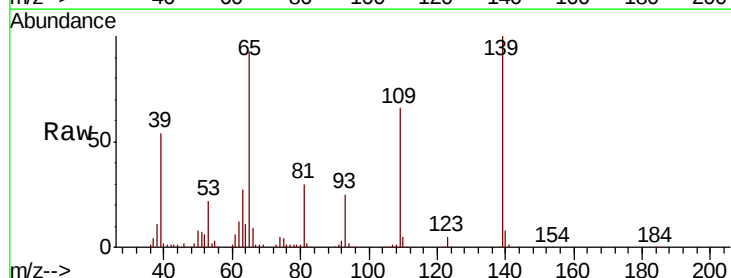


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

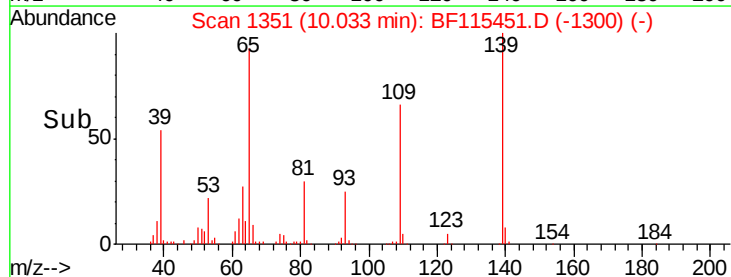
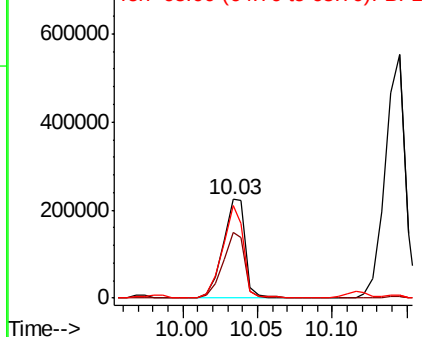


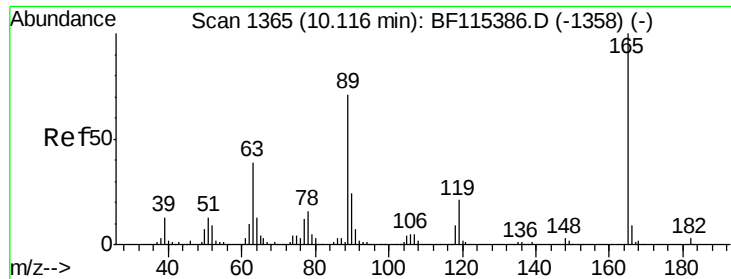
#56
4-Nitrophenol
Concen: 42.046 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:139 Resp: 241117
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 93.4 73.4 113.4



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

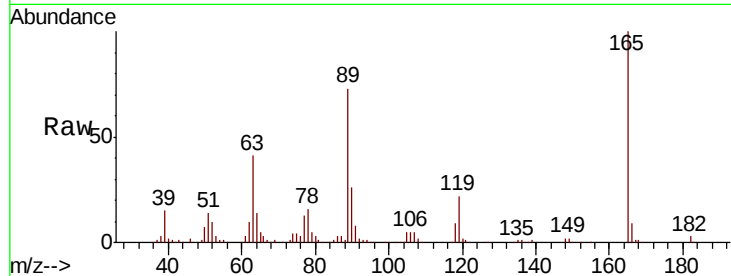




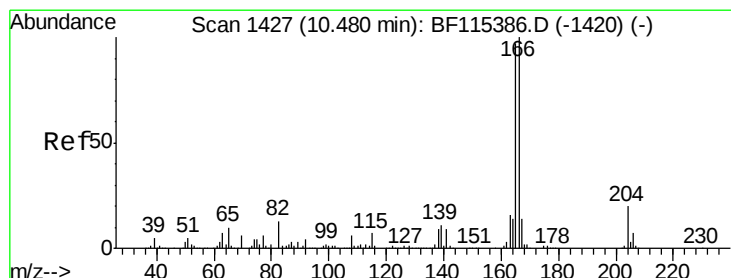
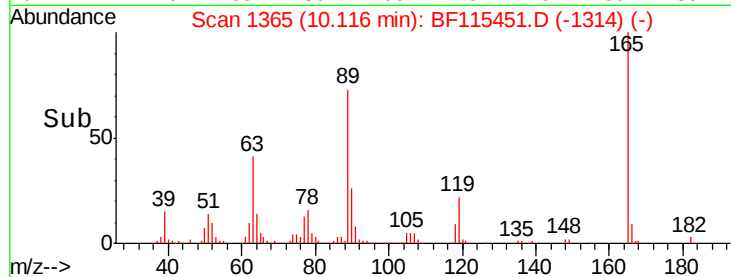
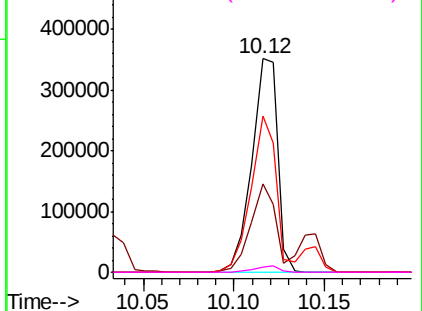
#57
 2,4-Dinitrotoluene
 Concen: 43.119 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	349704
Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.0	49.4
89	73.1	58.5	87.7
182	2.6	2.1	3.1

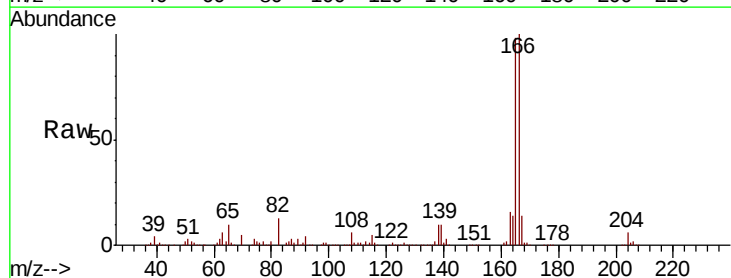


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

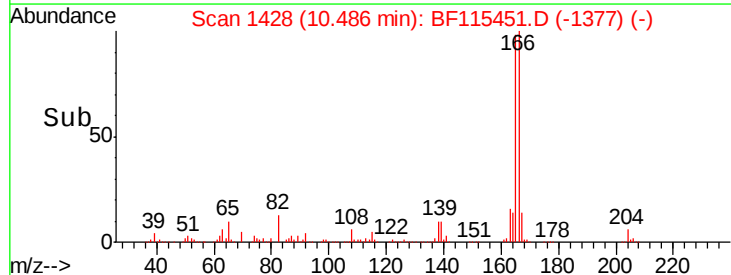
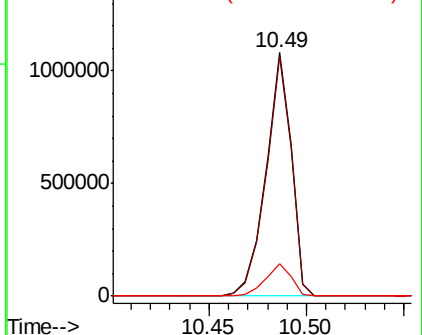


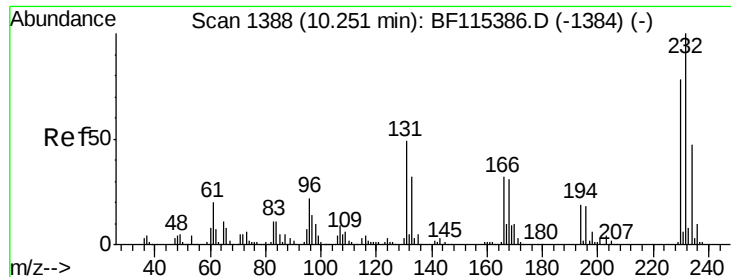
#58
 Fluorene
 Concen: 36.090 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:	166	Resp:	972715
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.5	10.8	16.2



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

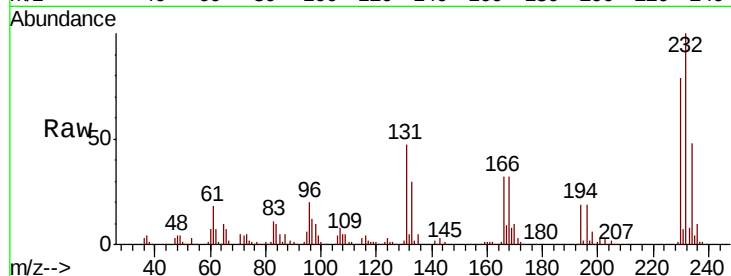




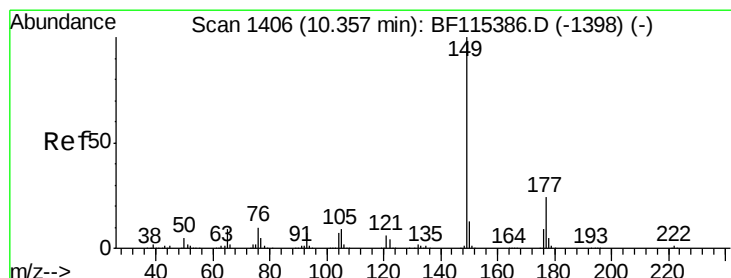
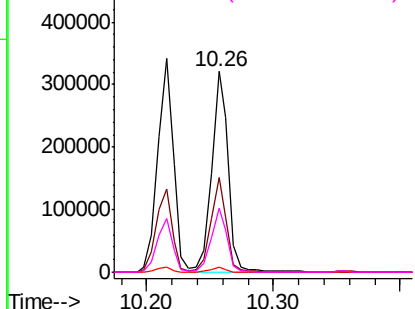
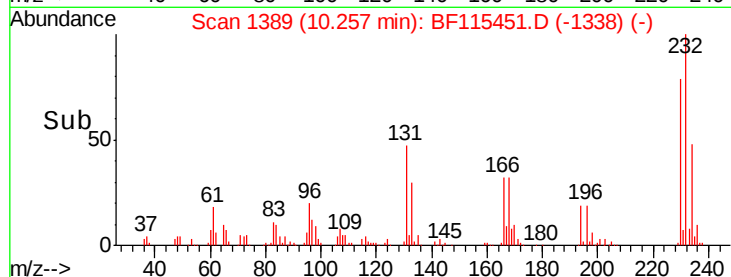
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.087 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 294842
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.0
130 2.1 1.7 2.5
166 31.0 24.8 37.2

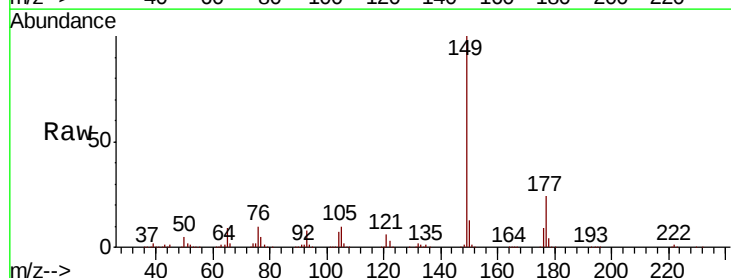


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

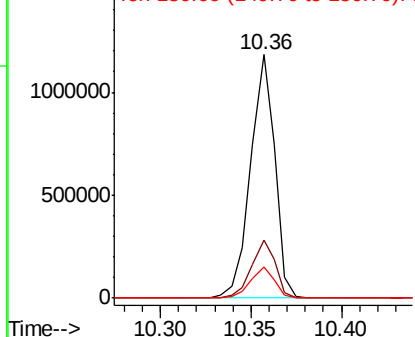
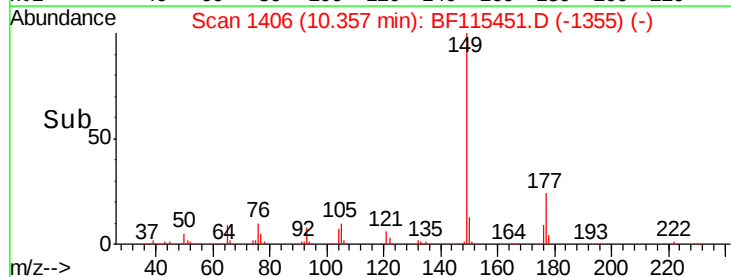


#60
Diethylphthalate
Concen: 37.953 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:149 Resp: 1099254
Ion Ratio Lower Upper
149 100
177 23.7 19.0 28.4
150 13.0 10.4 15.6



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

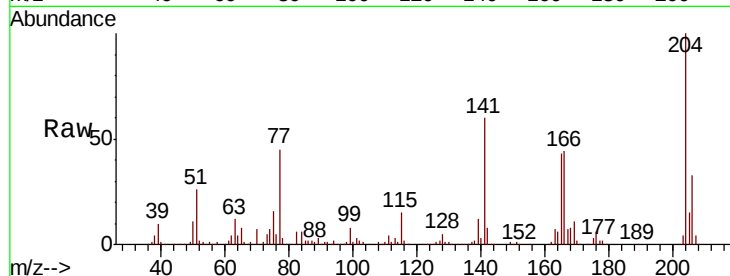




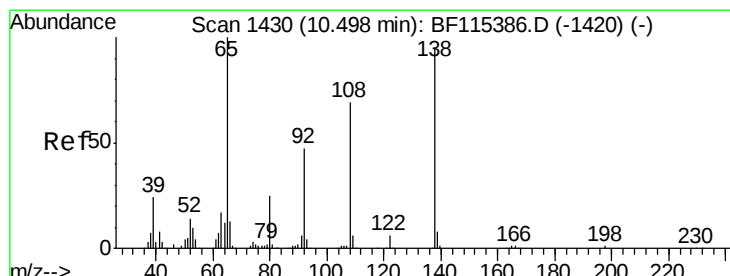
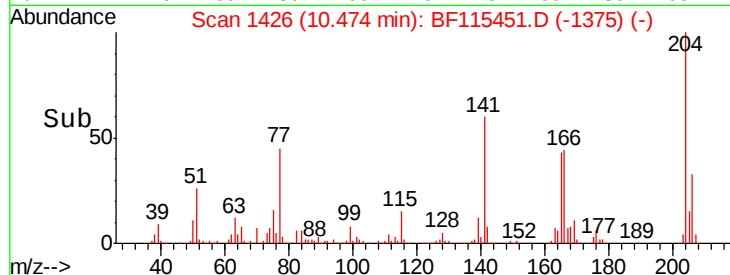
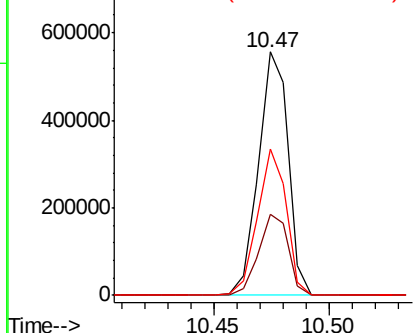
#61
 4-Chlorophenyl-phenylether
 Concen: 38.088 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 501041
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.8 40.2
 141 59.9 47.9 71.9

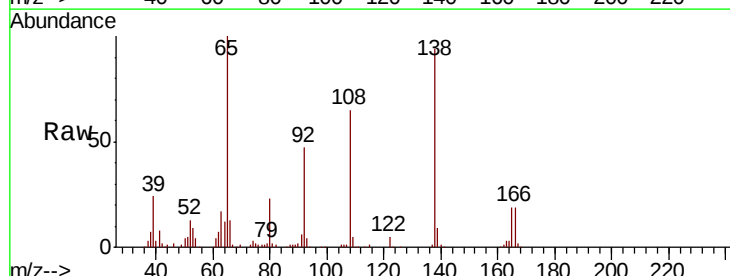


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

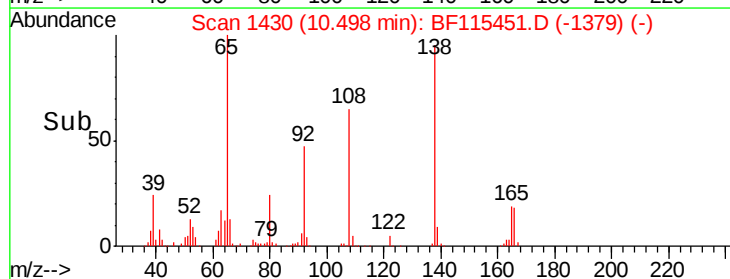
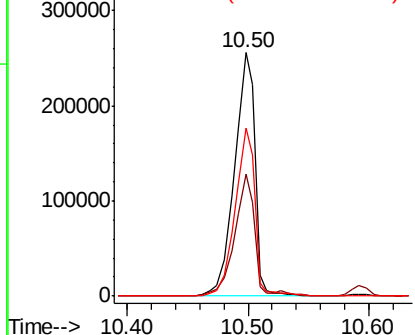


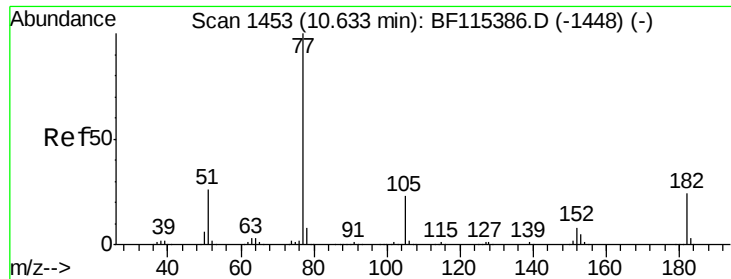
#62
 4-Nitroaniline
 Concen: 41.615 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:138 Resp: 302772
 Ion Ratio Lower Upper
 138 100
 92 49.9 29.9 69.9
 108 69.0 49.0 89.0



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

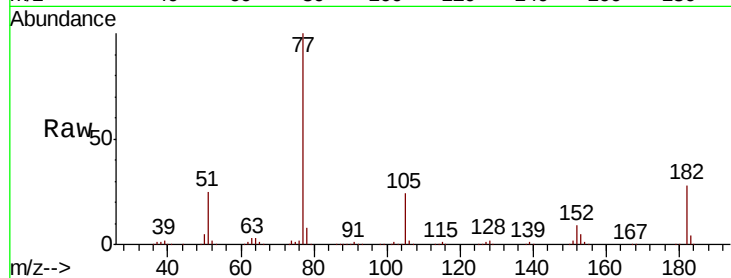




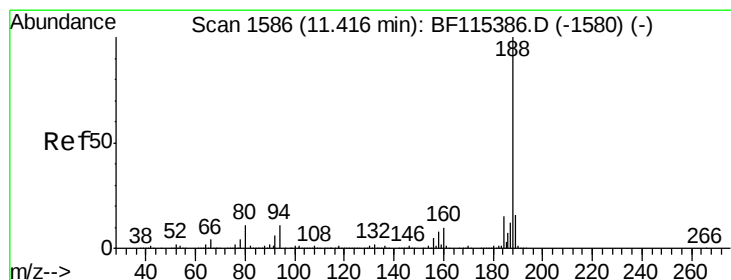
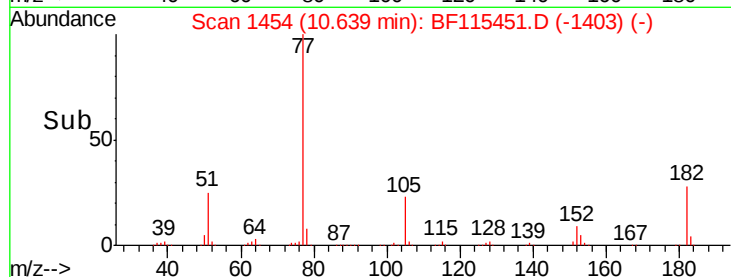
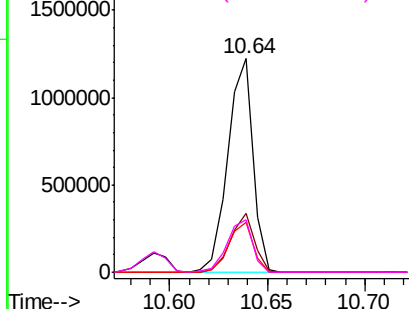
#63
Azobenzene
Concen: 36.514 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1090158
Ion Ratio Lower Upper
77 100
182 27.7 7.7 47.7
105 23.6 3.6 43.6
51 24.8 4.8 44.8

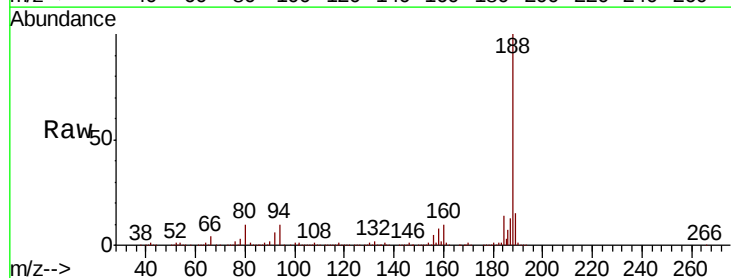


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

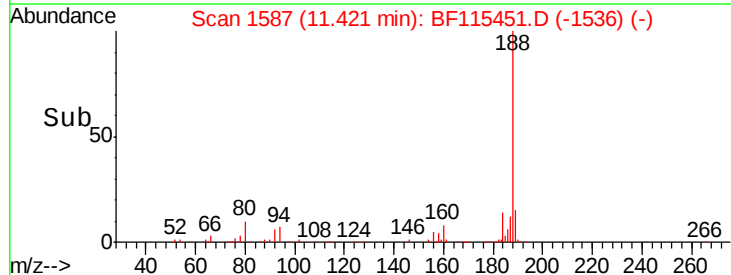
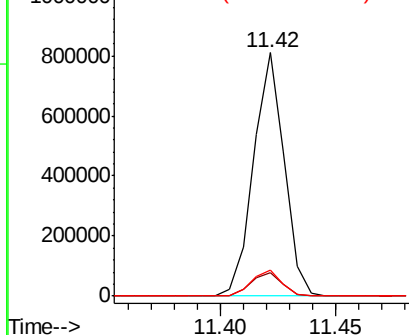


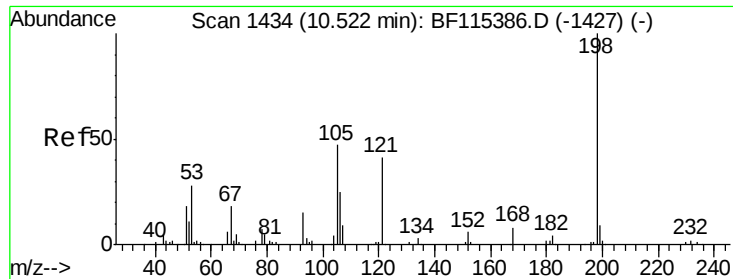
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion: 188 Resp: 751687
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.8
80 10.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

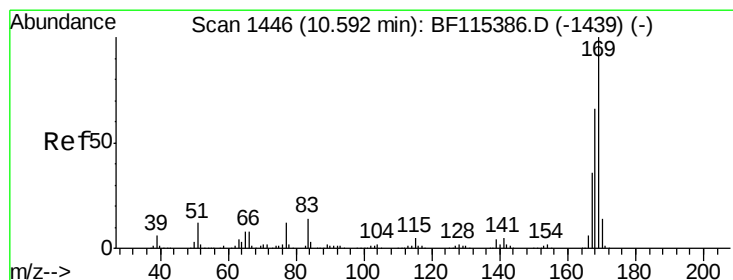
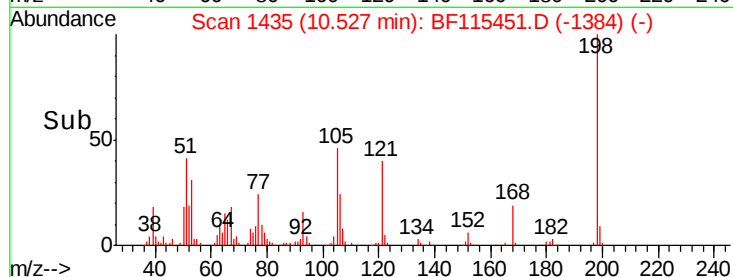
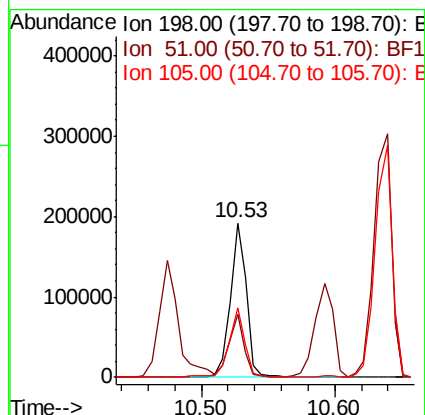
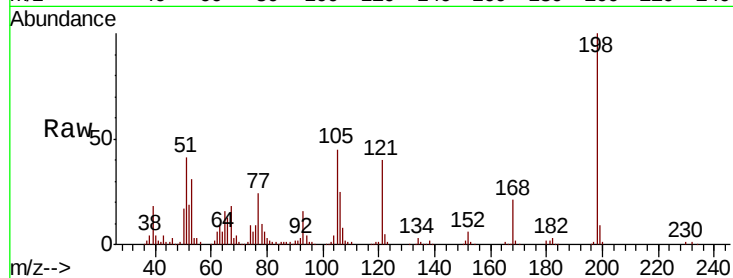




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.839 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

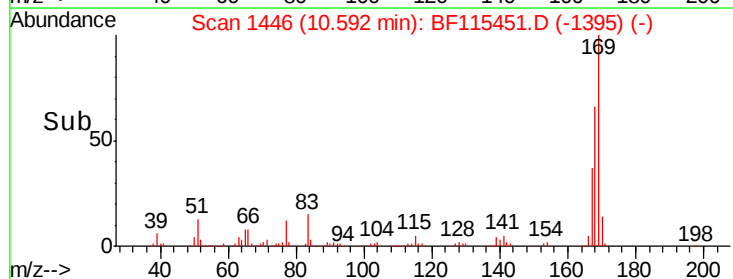
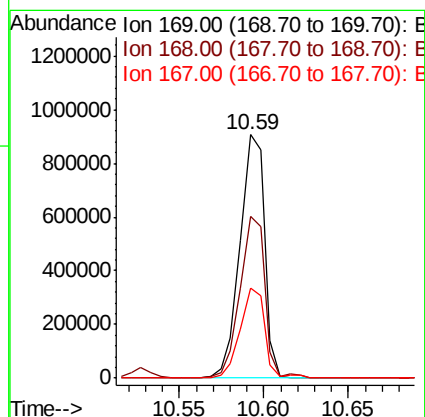
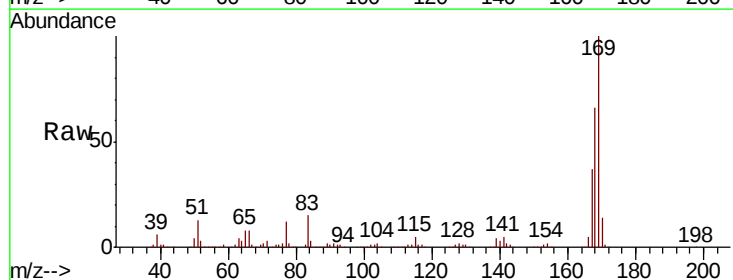
Instrument :
 BNA_F
 ClientSampleId :

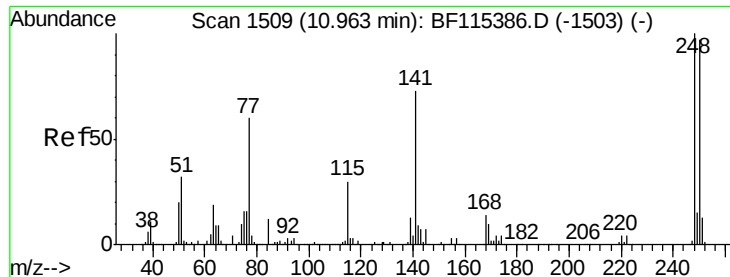
Tot Ion:198 Resp: 163465
 Ion Ratio Lower Upper
 198 100
 51 40.7 20.7 60.7
 105 45.3 25.3 65.3



#66
 n-Nitrosodiphenylamine
 Concen: 38.864 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:169 Resp: 920461
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.2 79.8
 167 36.8 29.4 44.2

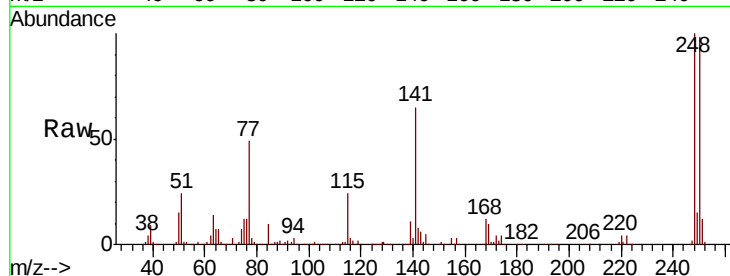




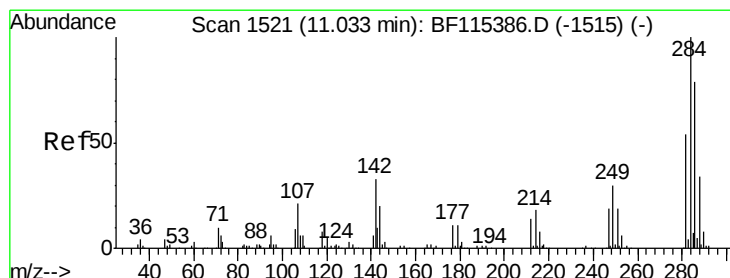
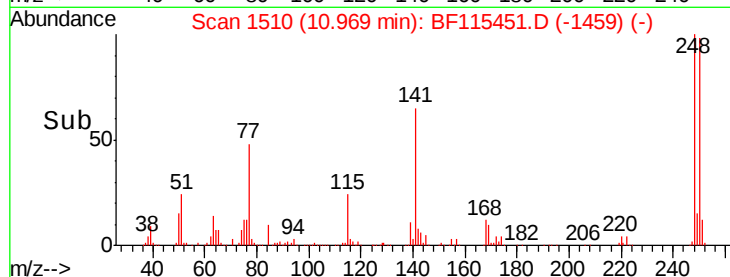
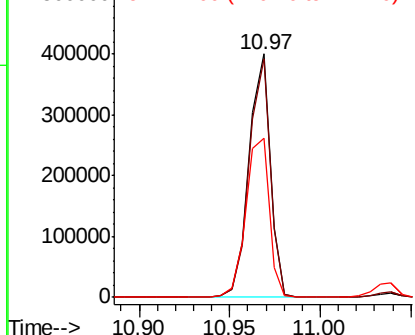
#67
4-Bromophenyl-phenylether
Concen: 39.110 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 329874
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 65.2 52.2 78.2

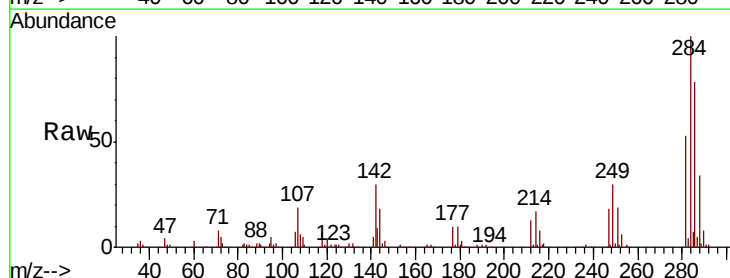


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

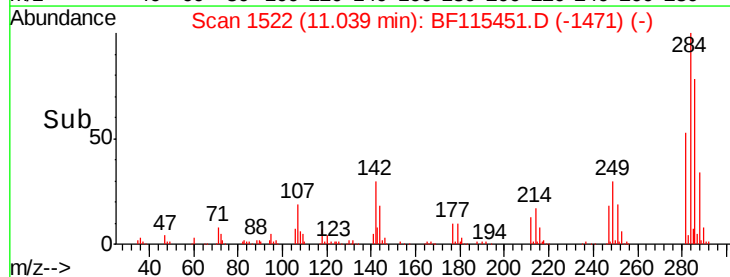
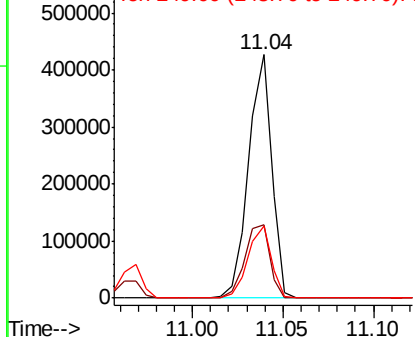


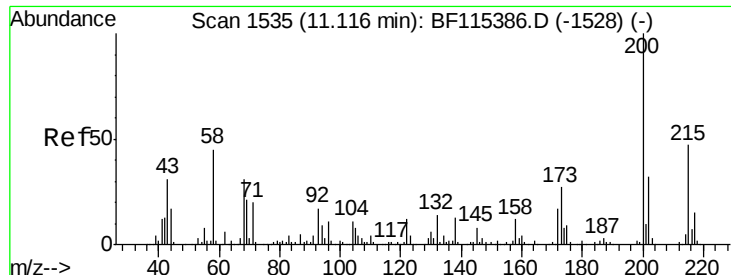
#68
Hexachlorobenzene
Concen: 40.129 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:284 Resp: 379802
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 29.5 23.6 35.4



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

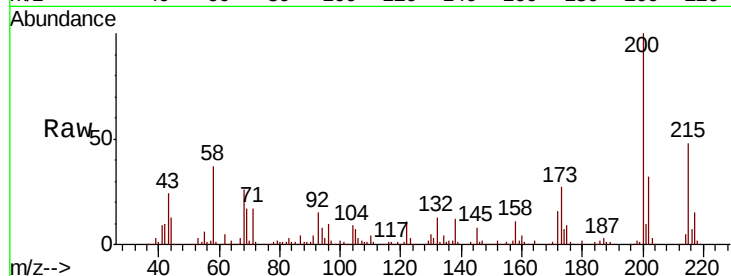




#69
 Atrazine
 Concen: 39.567 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.8	27.8	67.8

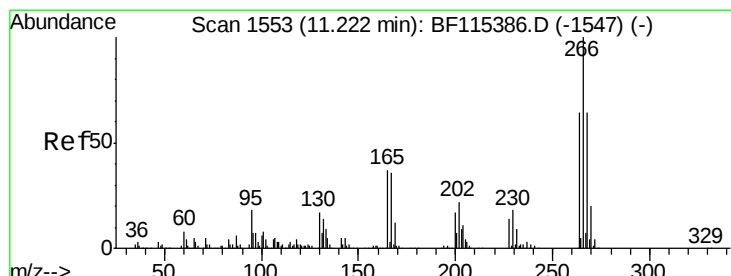
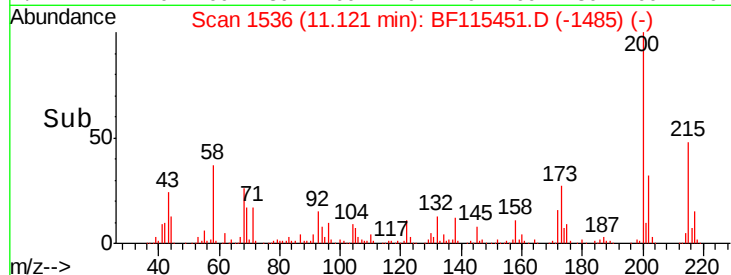
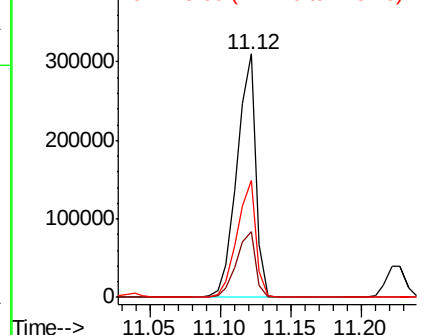


Abundance

Ion 200.00 (199.70 to 200.70): E

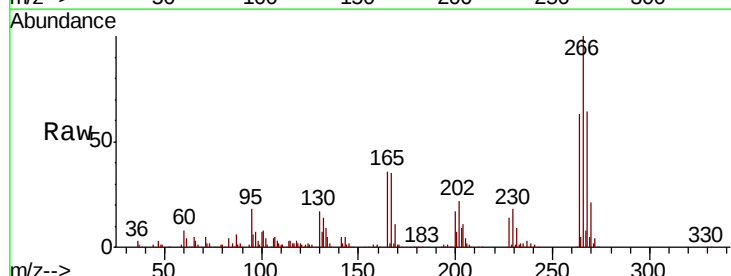
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.198 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	63.2	50.6	75.8

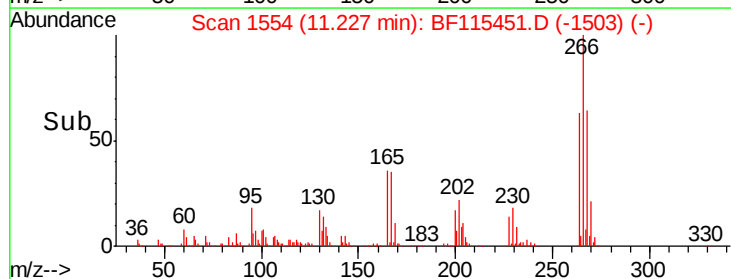
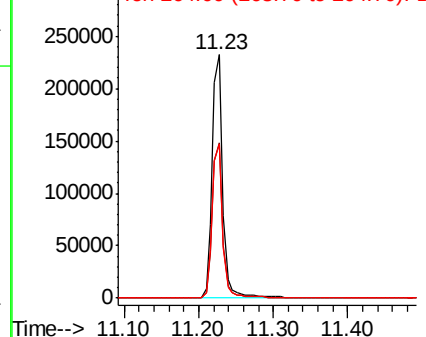


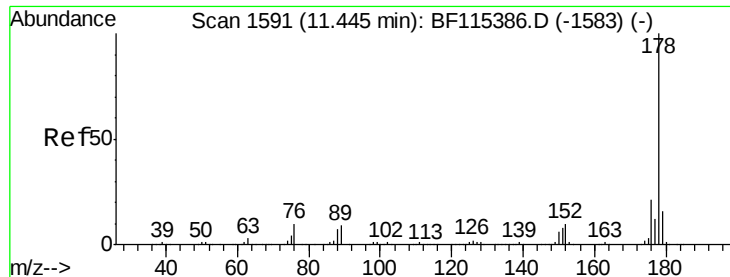
Abundance

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

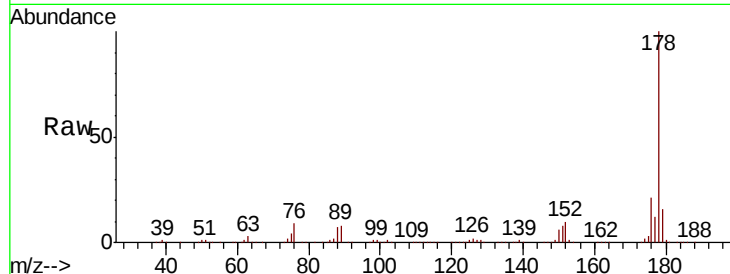




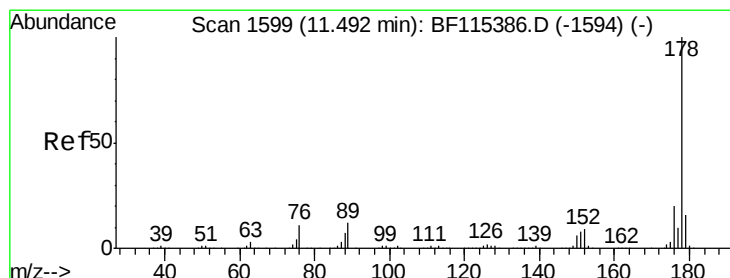
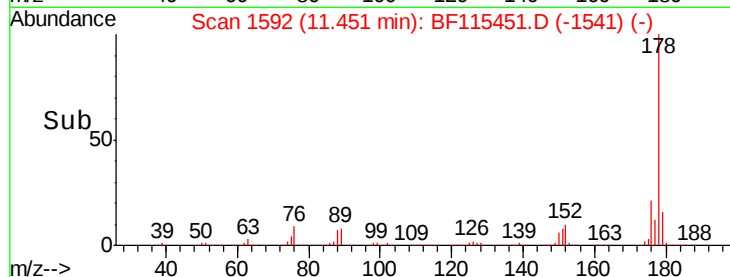
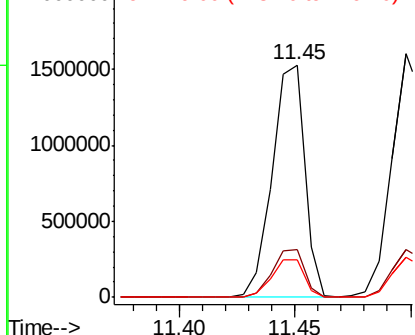
#71
Phenanthrene
Concen: 37.994 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1502021
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.9 12.7 19.1

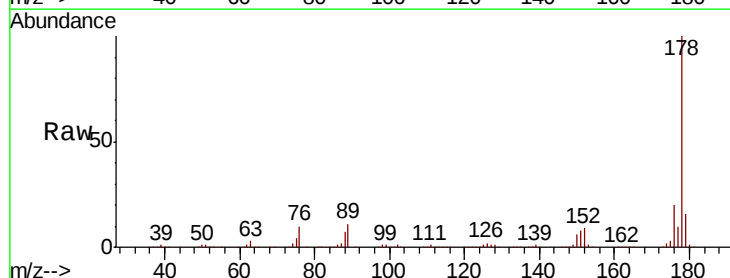


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

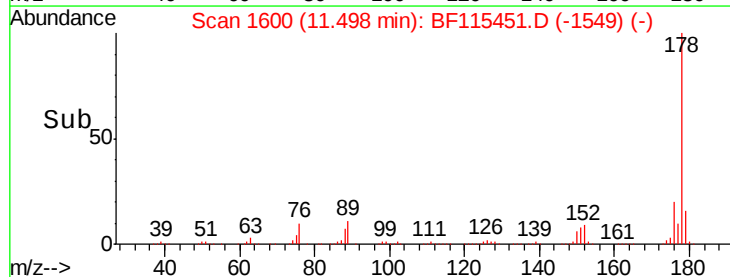
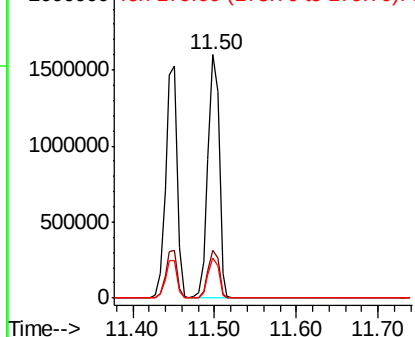


#72
Anthracene
Concen: 38.793 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:178 Resp: 1537880
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.3 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



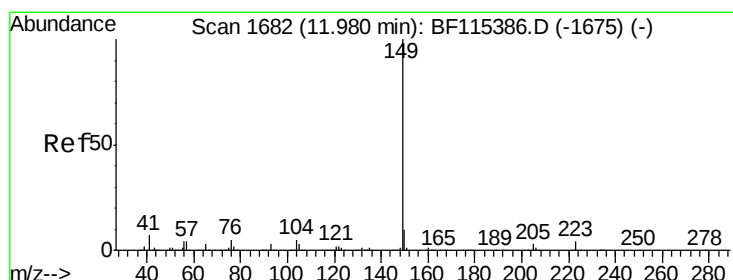
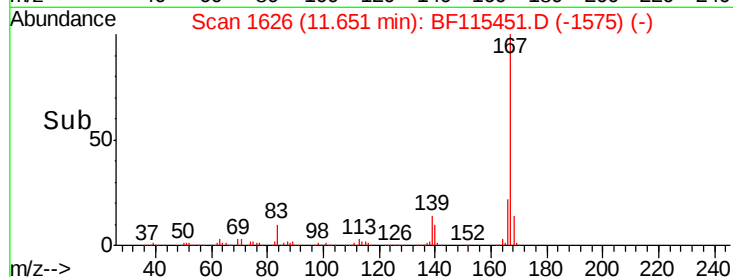
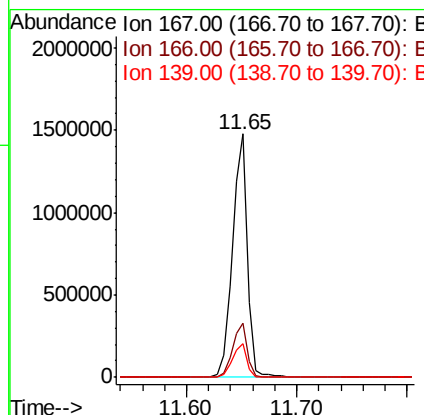
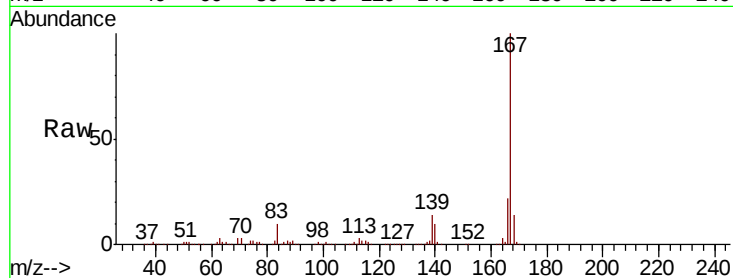


#73
 Carbazole
 Concen: 38.317 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1389658

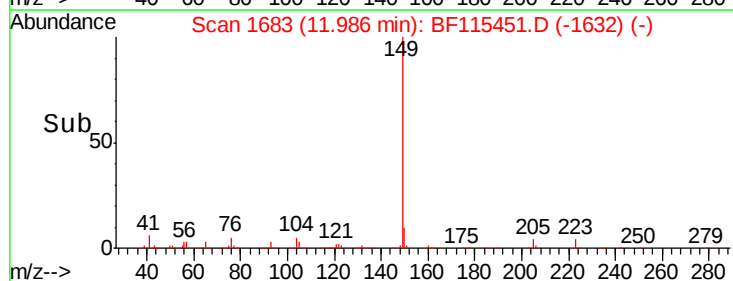
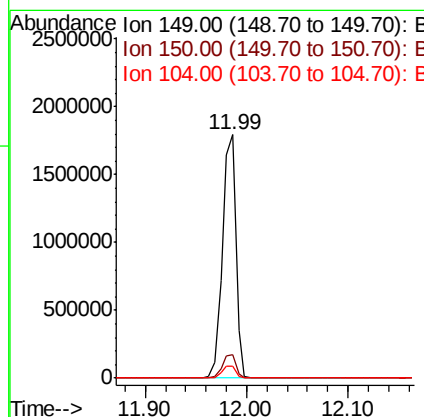
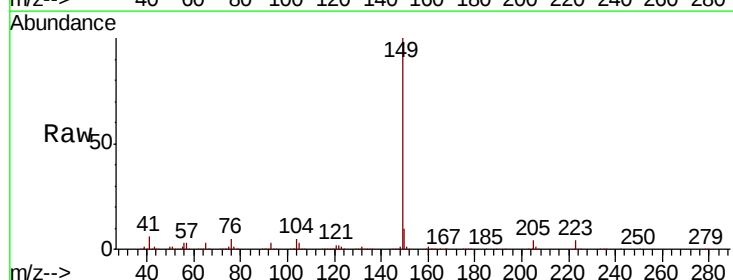
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.6	10.9	16.3

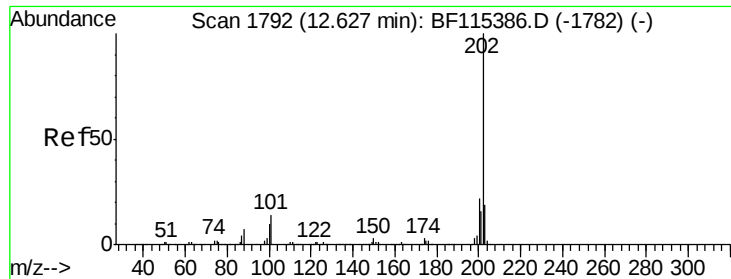


#74
 Di-n-butylphthalate
 Concen: 37.511 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:149 Resp: 1644137

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 38.210 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

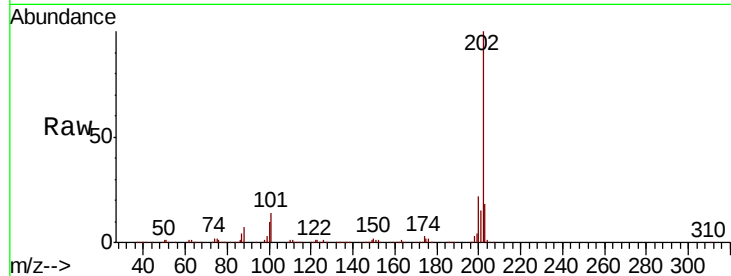
Tot Ion:202 Resp: 1590505

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.9

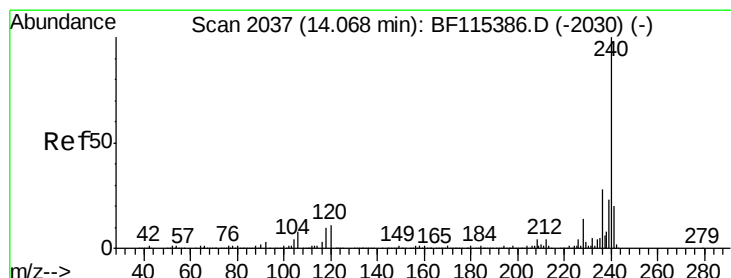
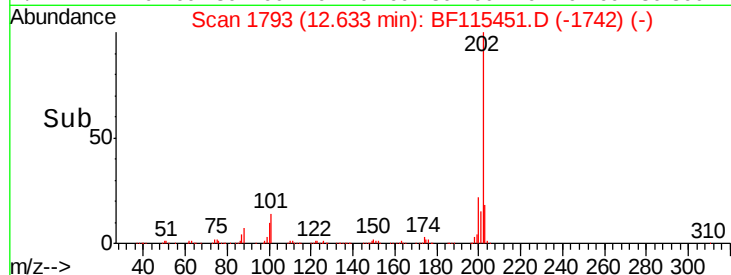
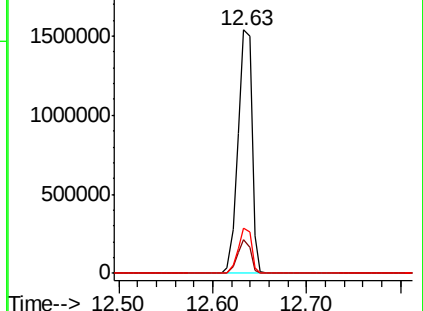
203 18.4 0.0 38.4



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

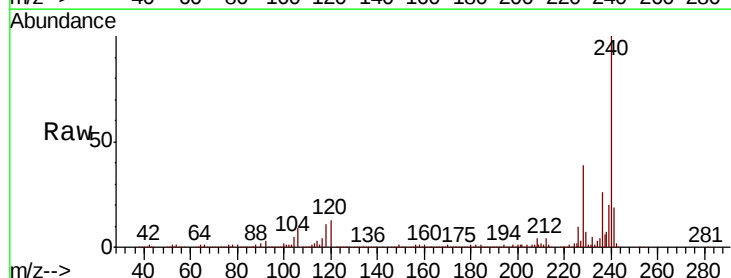
Tgt Ion:240 Resp: 518305

Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.4

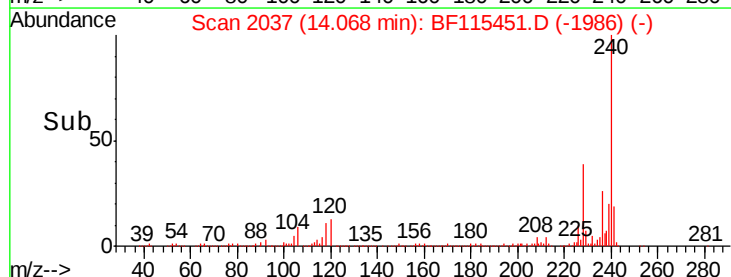
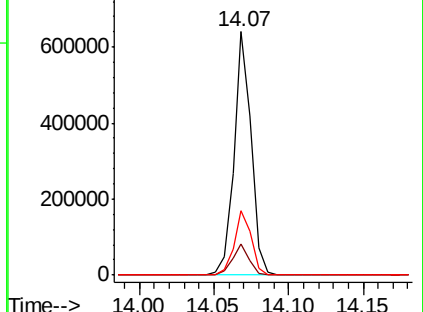
236 26.4 21.1 31.7

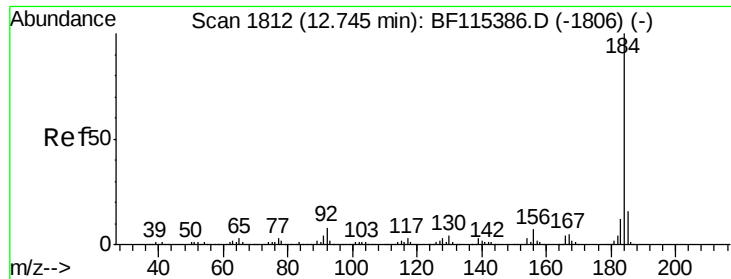


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.772 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

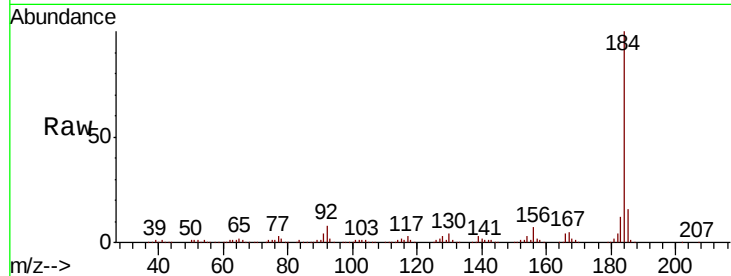
Tot Ion:184 Resp: 702815

Ion Ratio Lower Upper

184 100

185 16.3 13.0 19.6

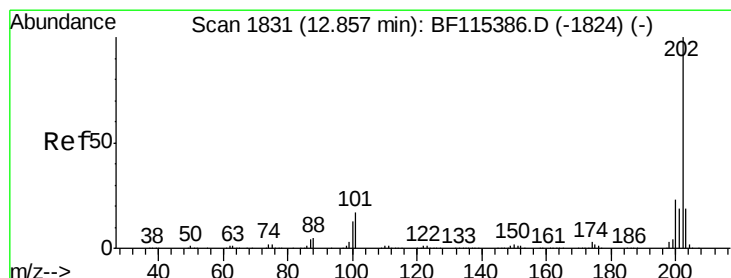
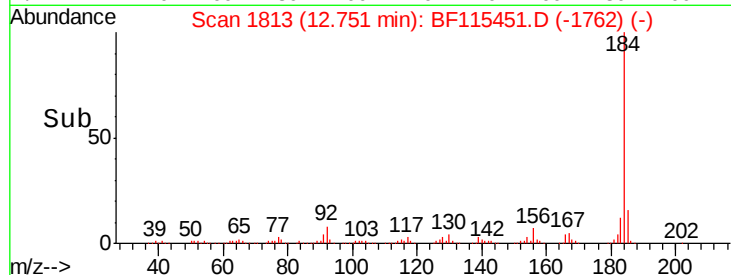
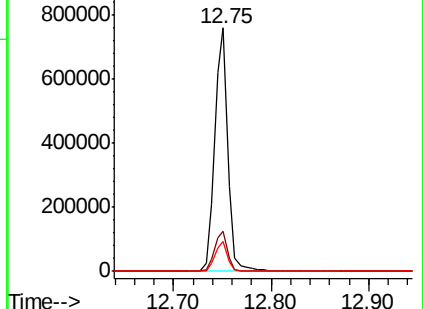
183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.061 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

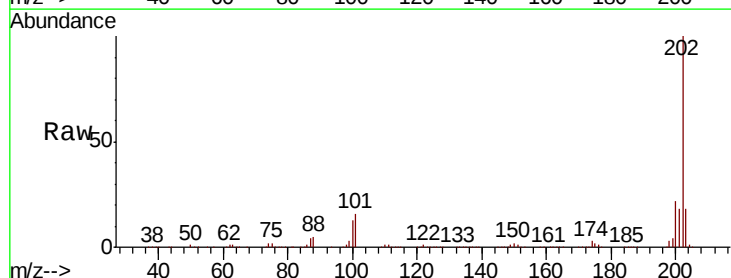
Tgt Ion:202 Resp: 1614687

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

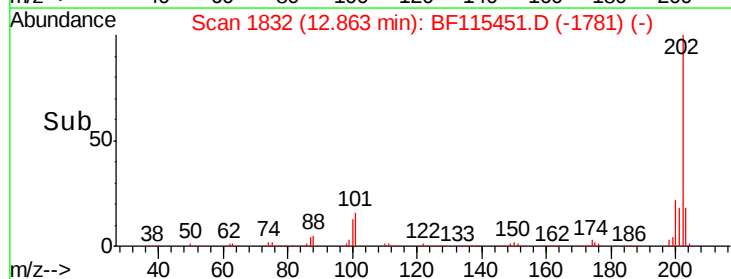
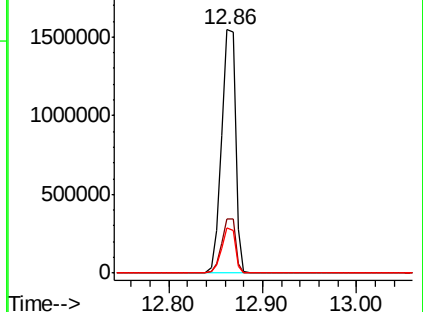
203 18.4 14.7 22.1

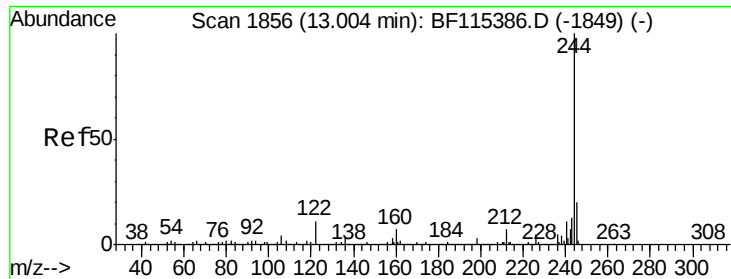


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.127 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

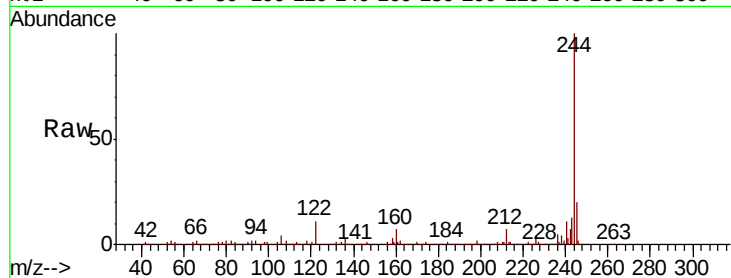
Tot Ion:244 Resp: 2003029

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

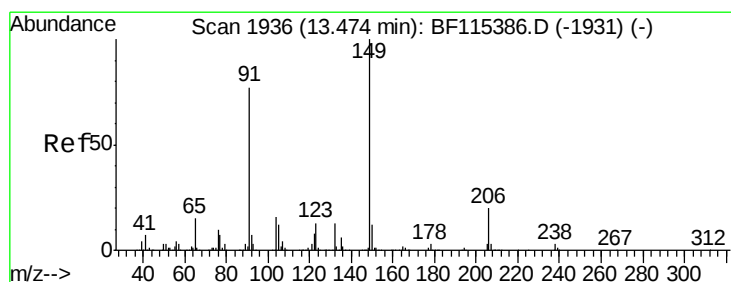
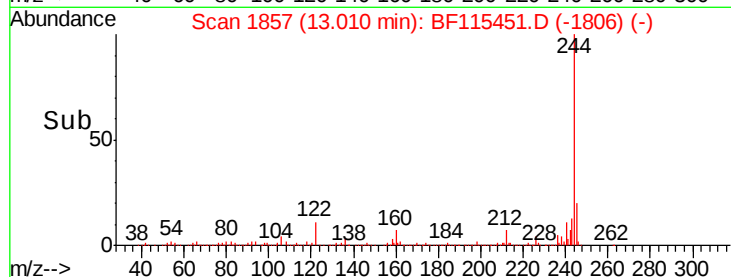
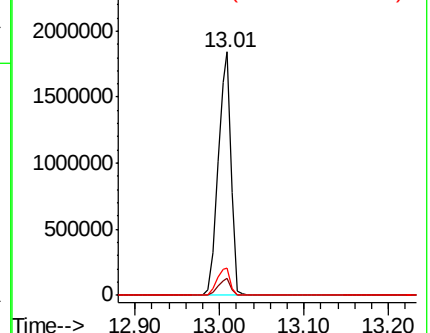
122 11.4 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.685 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

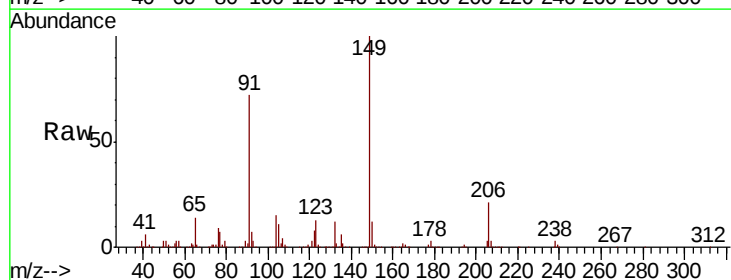
Tgt Ion:149 Resp: 698879

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.6

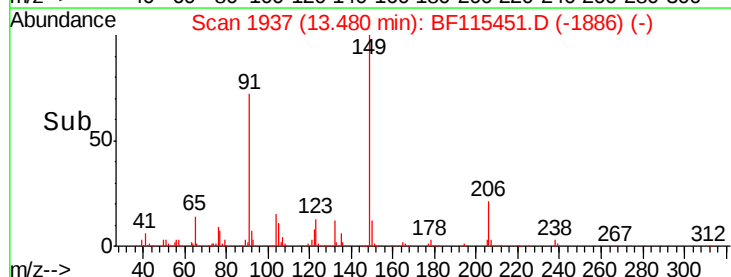
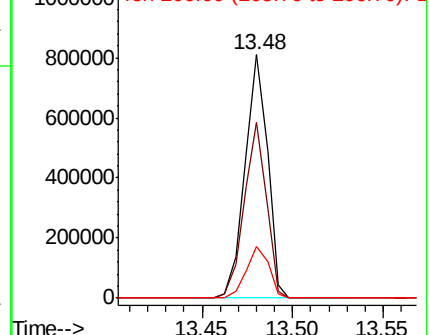
206 21.1 16.9 25.3

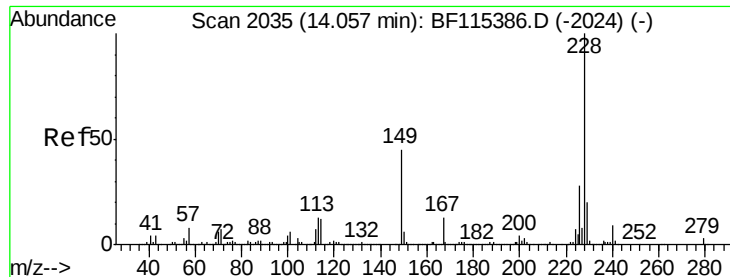


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.605 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

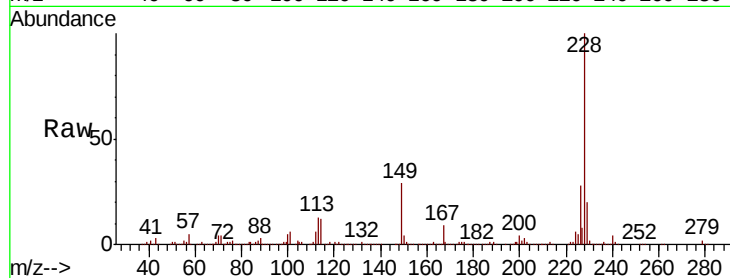
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1315263

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	20.5	16.4	24.6

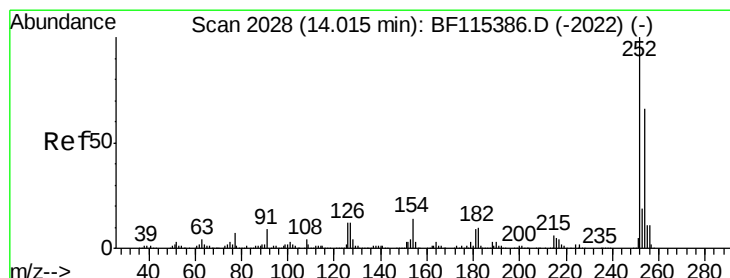
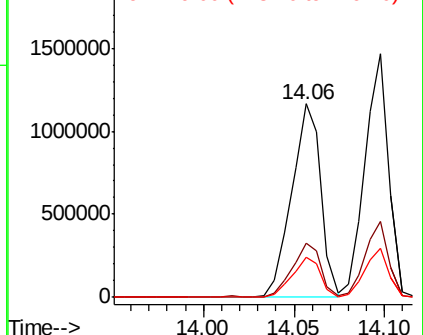
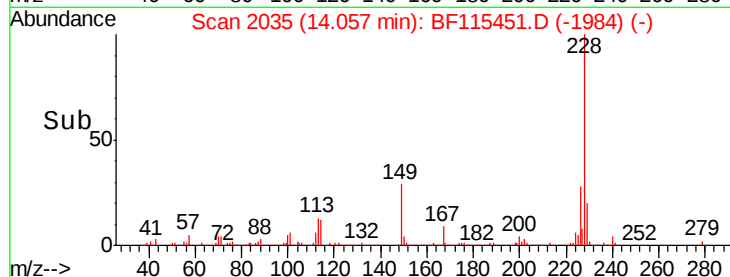


Abundance

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: 41.064 ng

RT: 14.02 min Scan# 2028

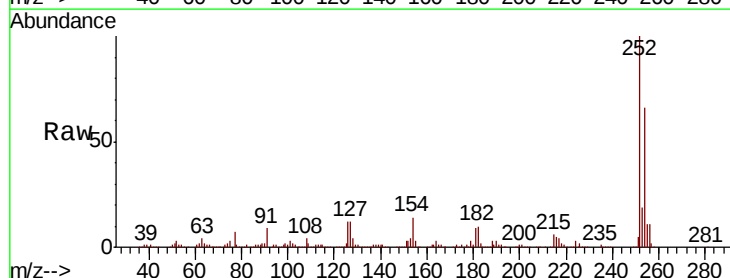
Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Tgt Ion:252 Resp: 494829

Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.9	79.3
126	12.5	10.0	15.0

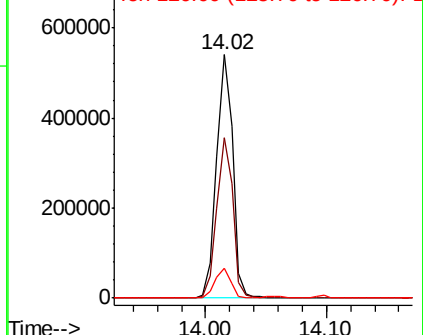
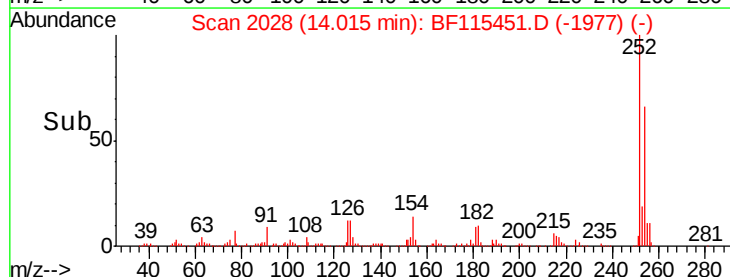


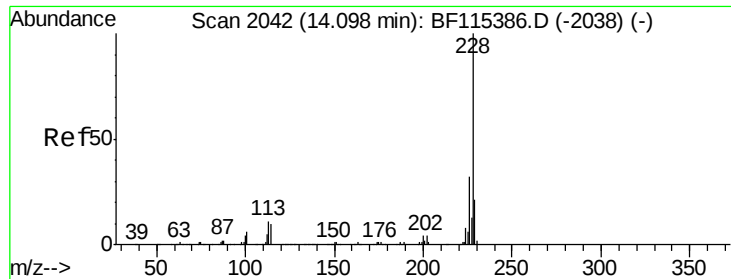
Abundance

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

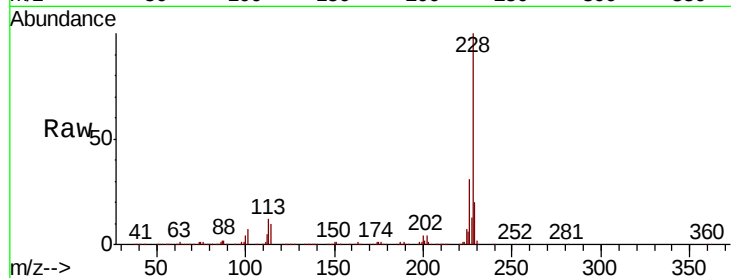




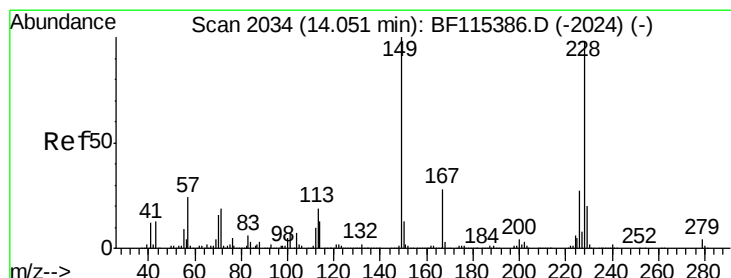
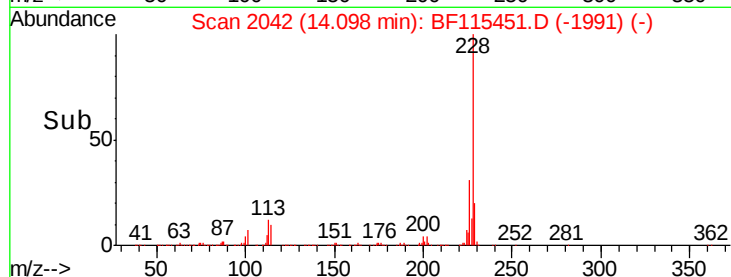
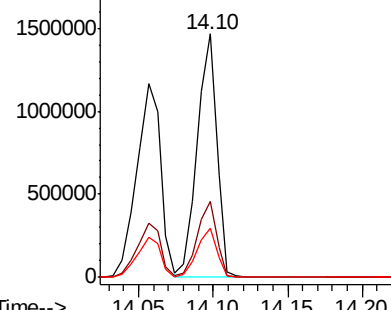
#83
 Chrvsene
 Concen: 39.213 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1338043
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.1 37.7
 229 20.1 16.1 24.1

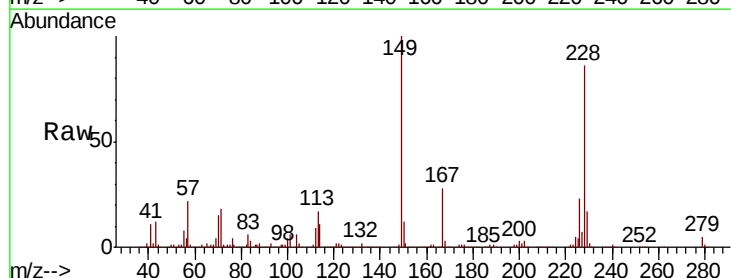


Abundance Ion 228.00 (227.70 to 228.70): E
 2000000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

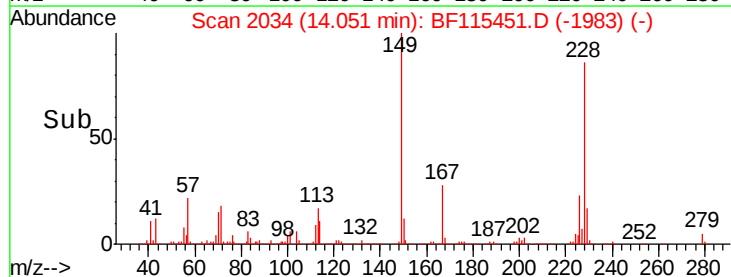
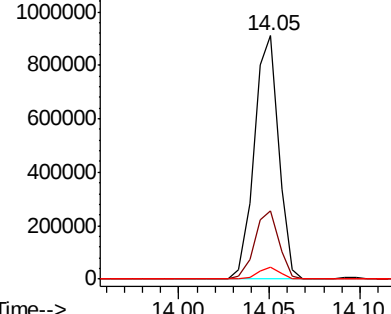


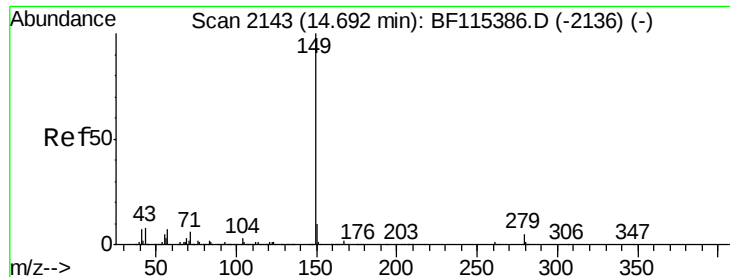
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.048 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115451.D
 Acq: 10 Jul 2019 13:05

Tgt Ion:149 Resp: 851587
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 34.0
 279 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.558 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

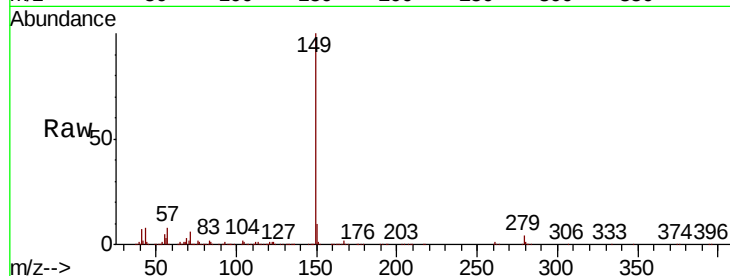
Tot Ion:149 Resp: 1458171

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

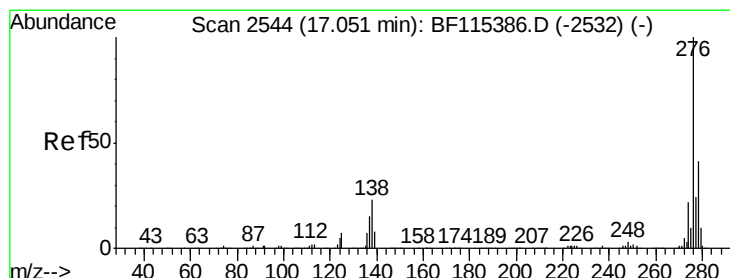
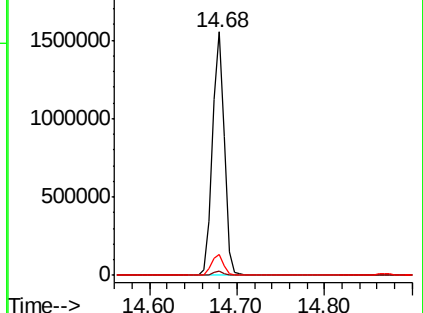
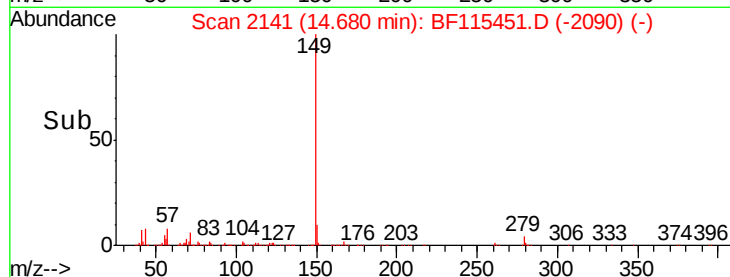
43 8.8 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.892 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BF115451.D

Acq: 10 Jul 2019 13:05

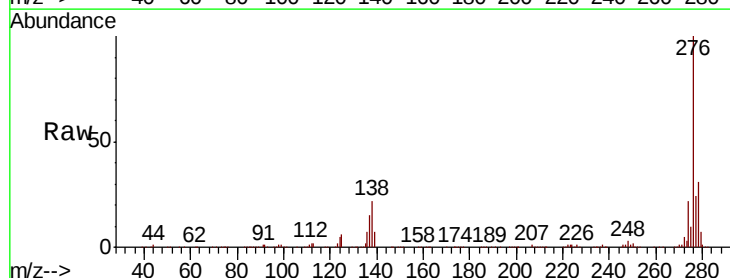
Tgt Ion:276 Resp: 1157817

Ion Ratio Lower Upper

276 100

138 25.8 20.6 31.0

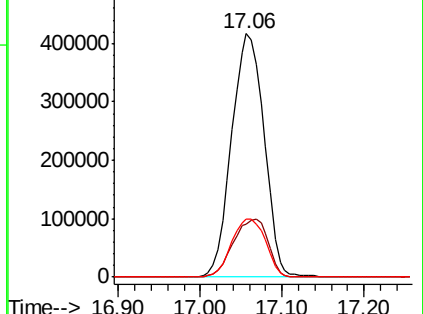
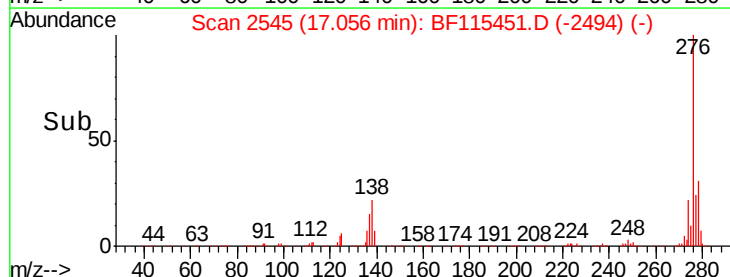
277 25.2 20.2 30.2

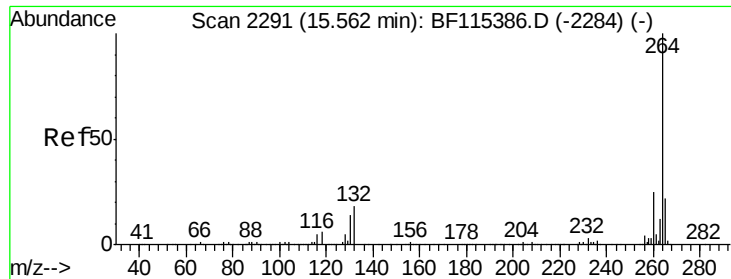


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



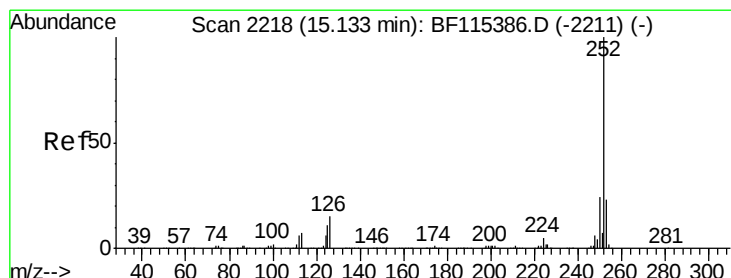
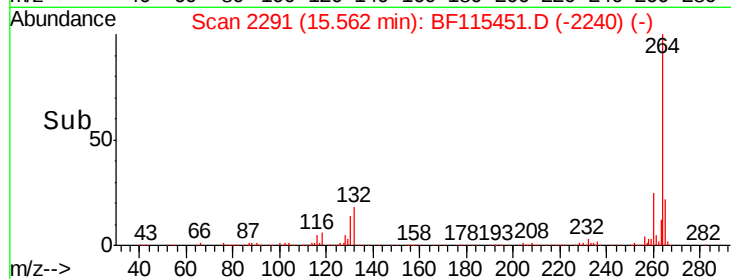
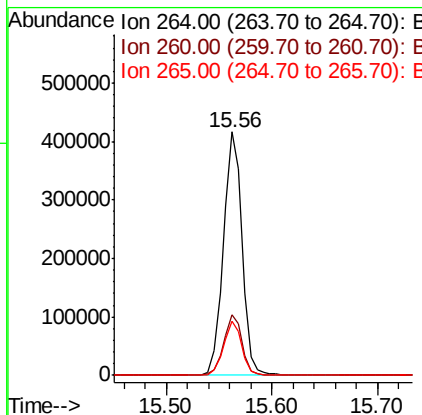
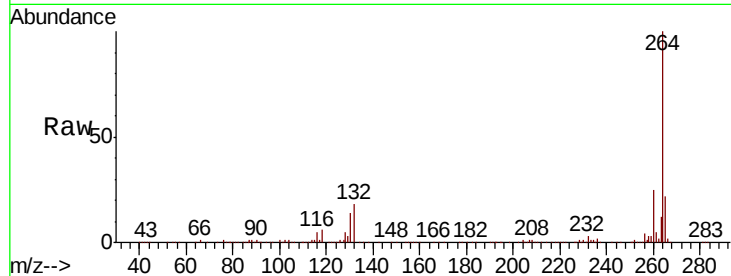


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 510821

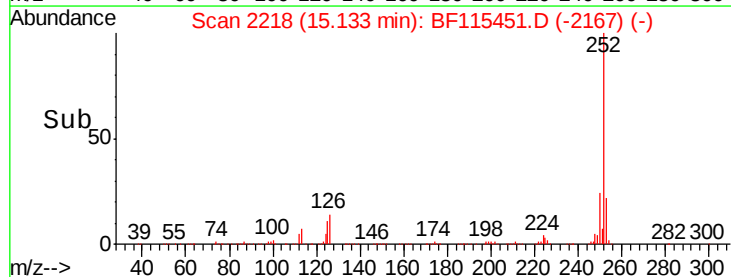
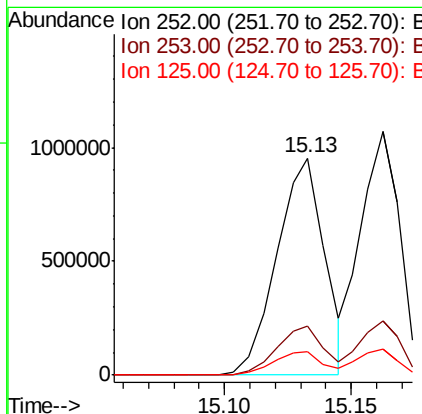
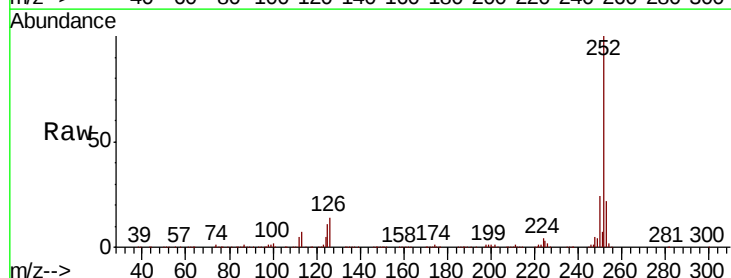
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.8	26.6

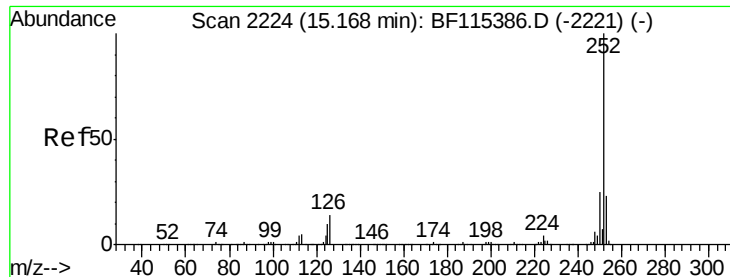


#88
Benzo(b)fluoranthene
Concen: 37.674 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:252 Resp: 1253006

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	8.5	12.7

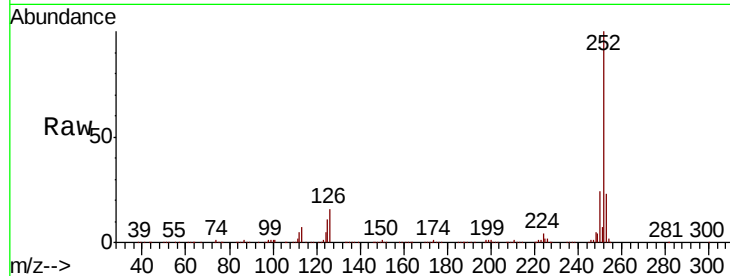




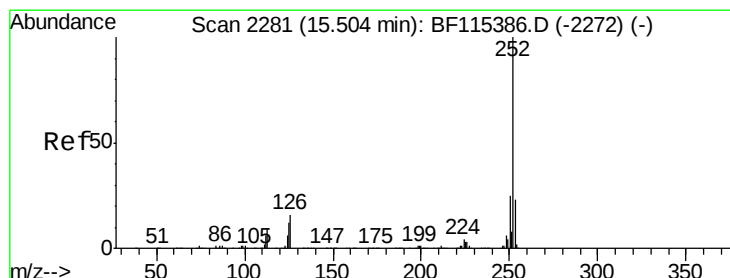
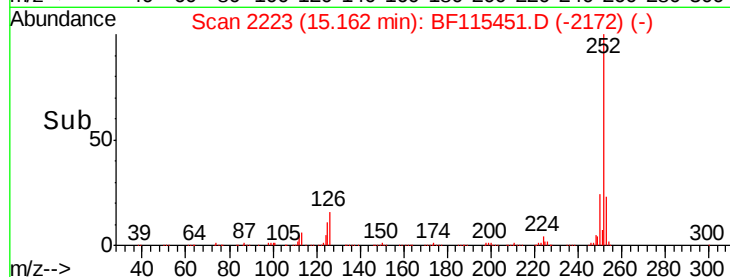
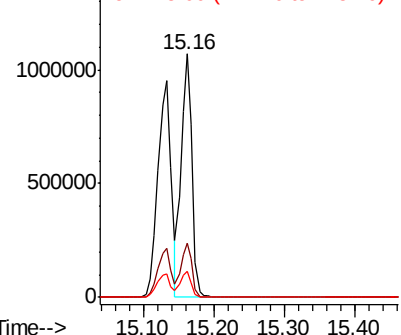
#89
Benzo(k)fluoranthene
Concen: 39.622 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1171947
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.8 8.6 13.0

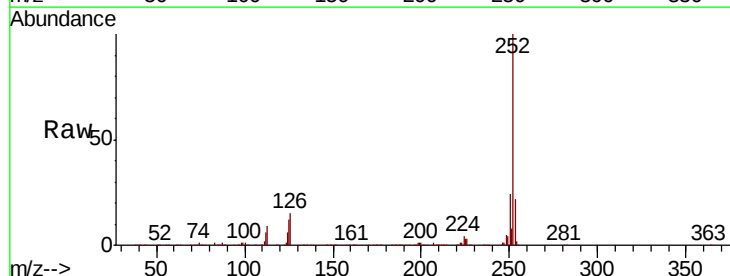


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

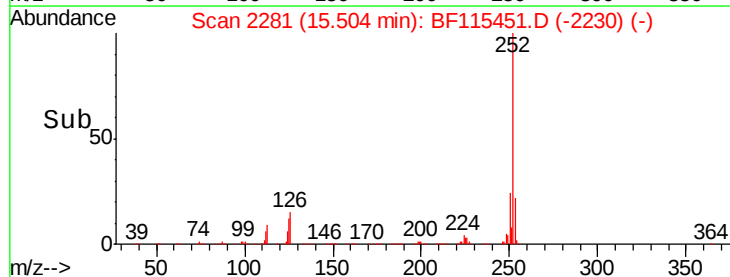
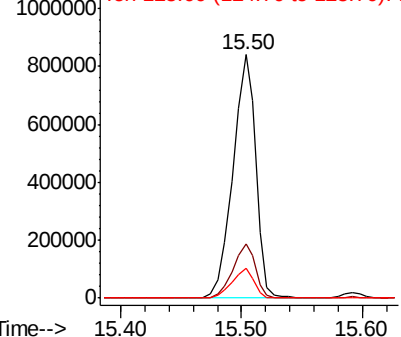


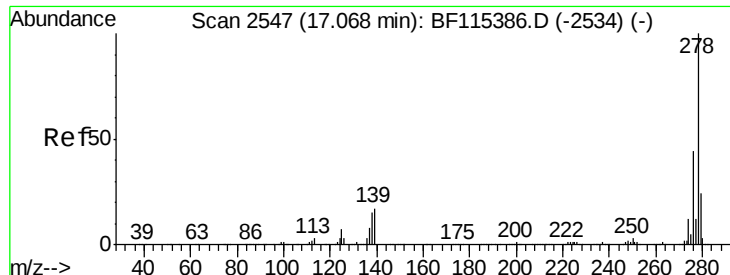
#90
Benzo(a)pyrene
Concen: 38.835 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:252 Resp: 1114032
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.1 9.7 14.5



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

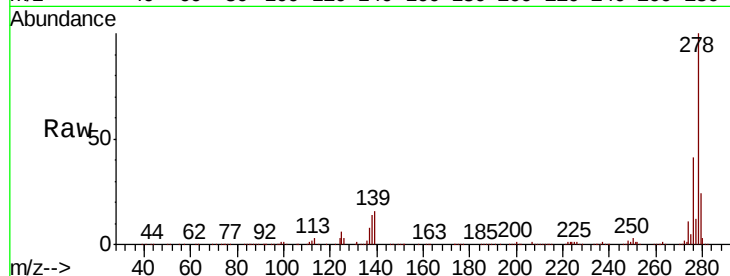




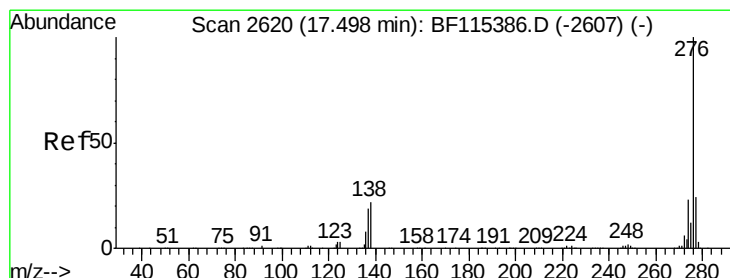
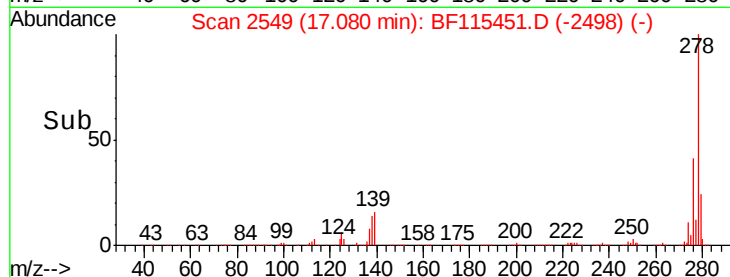
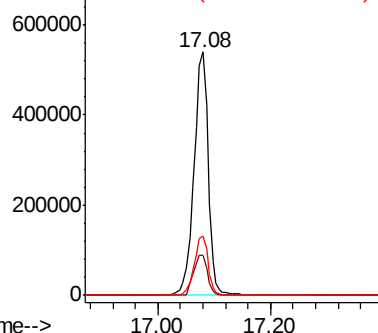
#91
Dibenzo(a,h)anthracene
Concen: 38.708 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 948842
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 24.3 19.4 29.2

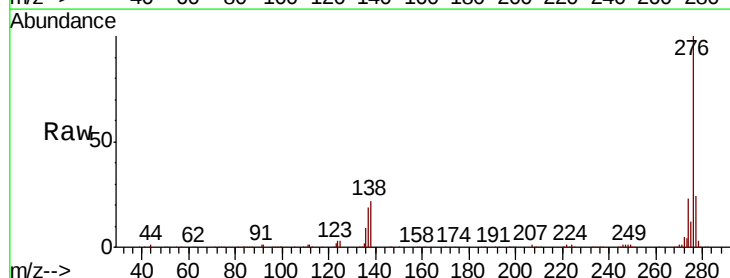


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.744 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BF115451.D
Acq: 10 Jul 2019 13:05

Tgt Ion:276 Resp: 922136
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 22.3 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

