

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112432.D
 Acq On : 7 Feb 2019 12:03
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Feb 09 03:10:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147471	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	566012	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	283616	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	548387	20.00	ng	0.00
76) Chrysene-d12	14.00	240	426546	20.00	ng	0.00
87) Perylene-d12	15.47	264	331789	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	680654	98.04	ng	-0.01
7) Phenol-d6	6.49	99	835621	86.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	792353	80.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	267902	81.15	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1546650	77.13	ng	-0.01
79) Terphenyl-d14	12.95	244	1746006	77.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	143164	51.763	ng	95
3) Pyridine	3.36	79	353563	50.255	ng	98
4) n-Nitrosodimethylamine	3.31	42	149803	50.681	ng	# 91
6) Aniline	6.50	93	496645	43.276	ng	# 66
8) 2-Chlorophenol	6.63	128	391460	41.912	ng	99
9) Benzaldehyde	6.39	77	204806	40.616	ng	97
10) Phenol	6.50	94	454857	42.974	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	343875	41.267	ng	98
12) 1,3-Dichlorobenzene	6.77	146	438490	40.312	ng	98
13) 1,4-Dichlorobenzene	6.85	146	448077	40.026	ng	98
14) 1,2-Dichlorobenzene	7.00	146	415449	39.638	ng	95
15) Benzyl Alcohol	6.98	79	325051	39.969	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	420959	39.345	ng	69
17) 2-Methylphenol	7.10	107	293249	39.607	ng	92
18) Hexachloroethane	7.35	117	155410	39.534	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	261529	39.314	ng	97
20) 3+4-Methylphenols	7.25	107	391613	41.362	ng	93
22) Acetophenone	7.25	105	547608	39.732	ng	# 96
24) Nitrobenzene	7.42	77	392256	39.983	ng	94
25) Isophorone	7.66	82	610914	39.643	ng	98
26) 2-Nitrophenol	7.73	139	220973	42.147	ng	91
27) 2,4-Dimethylphenol	7.77	122	290928	40.275	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	421790	40.197	ng	98
29) 2,4-Dichlorophenol	7.99	162	330819	40.925	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	373186	40.163	ng	98
31) Naphthalene	8.14	128	1065761	40.264	ng	98
32) Benzoic acid	7.92	122	161229	39.129	ng	99
33) 4-Chloroaniline	8.19	127	468048	40.610	ng	99
34) Hexachlorobutadiene	8.26	225	211323	38.756	ng	99
35) Caprolactam	8.57	113	117494	41.202	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	340423	39.781	ng	100
37) 2-Methylnaphthalene	8.83	142	717389	39.590	ng	97
38) 1-Methylnaphthalene	8.93	142	685326	39.459	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	360723	38.737	ng	98

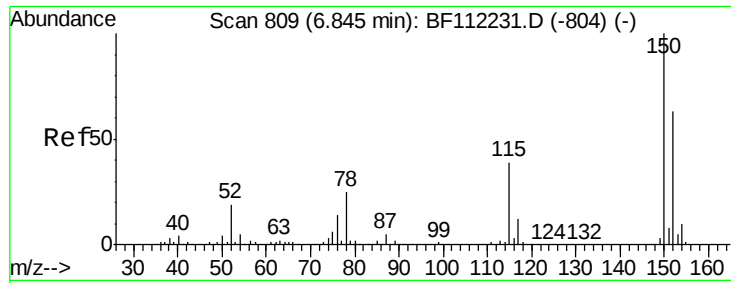
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	100580	34.618	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	229992	40.068	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	239407	39.907	nq	98
46) 1,1'-Biphenyl	9.29	154	973533	39.264	nq	99
47) 2-Chloronaphthalene	9.32	162	756618	39.351	nq	97
48) 2-Nitroaniline	9.42	65	216898	41.388	nq	94
49) Acenaphthylene	9.73	152	1109040	39.353	nq	99
50) Dimethylphthalate	9.59	163	850784	38.610	nq	99
51) 2,6-Dinitrotoluene	9.66	165	196397	39.796	nq	97
52) Acenaphthene	9.91	154	667080	39.624	nq	100
53) 3-Nitroaniline	9.83	138	219092	40.978	nq	91
54) 2,4-Dinitrophenol	9.95	184	58482	36.925	nq	87
55) Dibenzofuran	10.08	168	1003240	38.996	nq	96
56) 4-Nitrophenol	10.02	139	105172	37.207	nq	96
57) 2,4-Dinitrotoluene	10.07	165	253245	40.308	nq	# 82
58) Fluorene	10.42	166	772282	40.114	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187835	41.432	nq	94
60) Diethylphthalate	10.29	149	843274	38.562	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	404554	38.630	nq	94
62) 4-Nitroaniline	10.45	138	218040	41.577	nq	94
63) Azobenzene	10.57	77	753624	39.185	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	115901	37.696	nq	89
66) n-Nitrosodiphenylamine	10.53	169	739091	39.989	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	250512	38.840	nq	96
68) Hexachlorobenzene	10.98	284	271762	39.273	nq	96
69) Atrazine	11.06	200	209587	35.144	nq	97
70) Pentachlorophenol	11.18	266	111282	41.329	nq	96
71) Phenanthrene	11.39	178	1115732	39.135	nq	99
72) Anthracene	11.44	178	1136776	40.028	nq	99
73) Carbazole	11.59	167	1142050	40.768	nq	98
74) Di-n-butylphthalate	11.91	149	1305402	37.542	nq	99
75) Fluoranthene	12.57	202	1175406	38.439	nq	99
77) Benzidine	12.69	184	433744	36.946	nq	97
78) Pyrene	12.80	202	1209646	40.961	nq	99
80) Butylbenzylphthalate	13.41	149	542929	37.999	nq	97
81) Benzo(a)anthracene	14.00	228	1001518	39.942	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	366922	39.101	nq	99
83) Chrysene	14.03	228	937465	39.167	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	721925	35.595	nq	98
85) Di-n-octyl phthalate	14.57	149	1065993	34.162	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	696515	36.725	nq	98
88) Benzo(b)fluoranthene	15.04	252	757092	38.155	nq	99
89) Benzo(k)fluoranthene	15.07	252	792314	41.687	nq	98
90) Benzo(a)pyrene	15.41	252	711289	39.839	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	584050	40.589	nq	98
92) Benzo(g,h,i)perylene	17.40	276	568899	41.906	nq	96

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

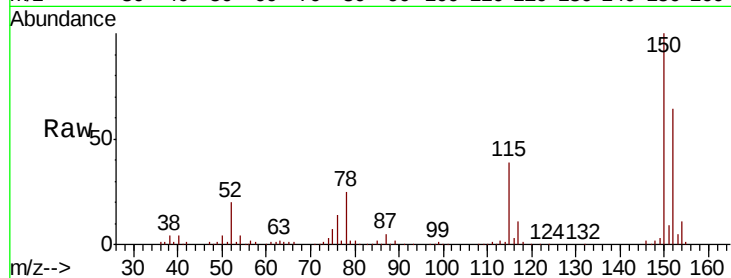


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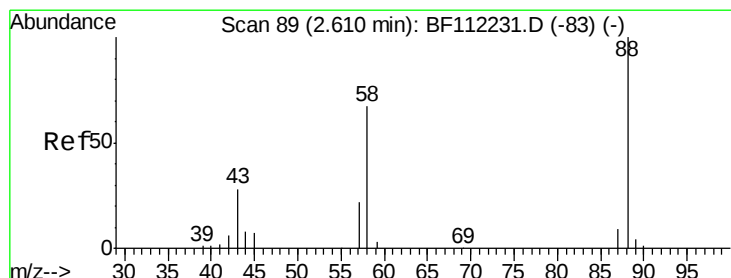
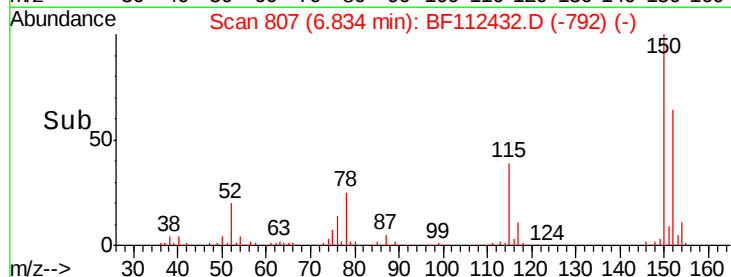
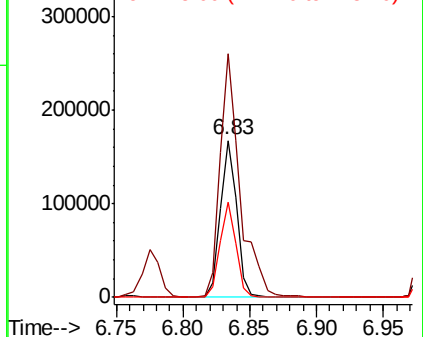
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 147471
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 60.4 45.5 68.3



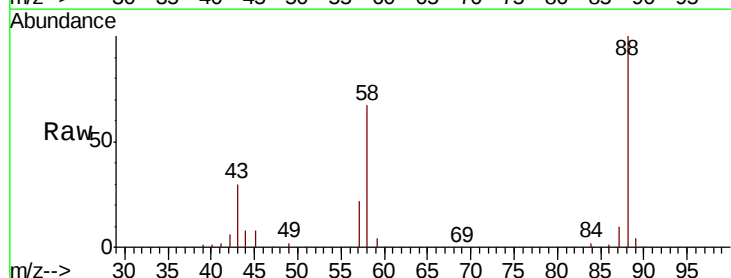
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



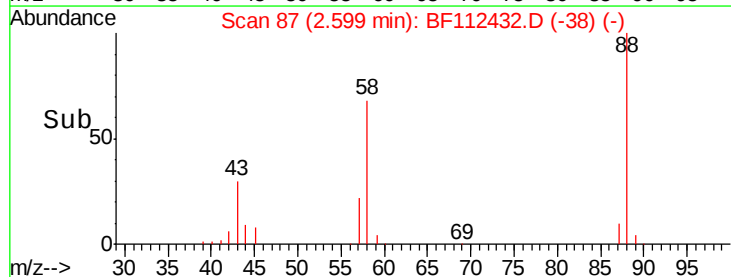
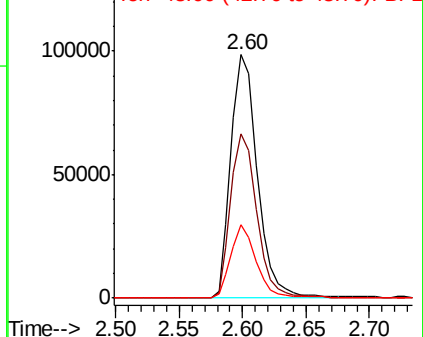
#2

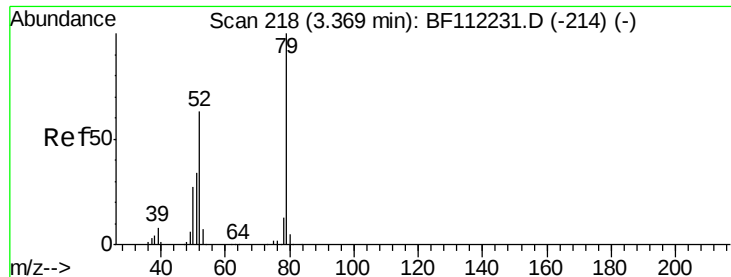
1,4-Dioxane
Concen: 51.763 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion: 88 Resp: 143164
Ion Ratio Lower Upper
88 100
58 66.9 57.4 86.2
43 29.0 22.2 33.4



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





#3

Pvridine

Concen: 50.255 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

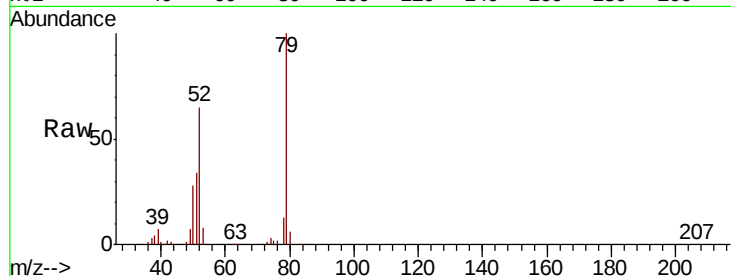
Tot Ion: 79 Resp: 353563

Ion Ratio Lower Upper

79 100

52 64.5 52.4 78.6

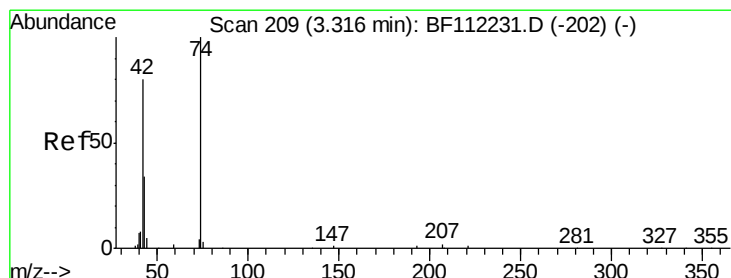
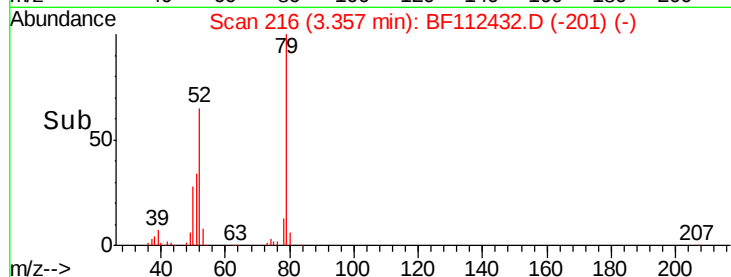
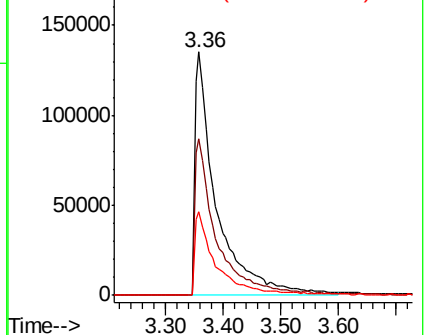
51 34.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.681 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

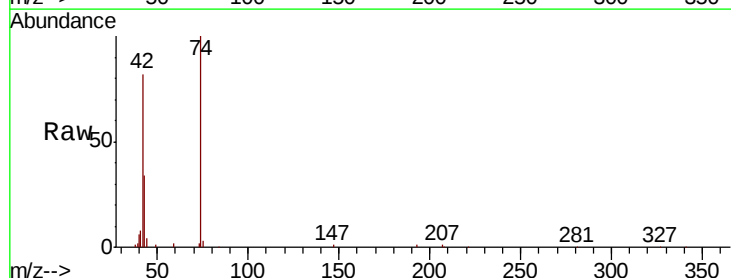
Tgt Ion: 42 Resp: 149803

Ion Ratio Lower Upper

42 100

74 121.4 105.6 158.4

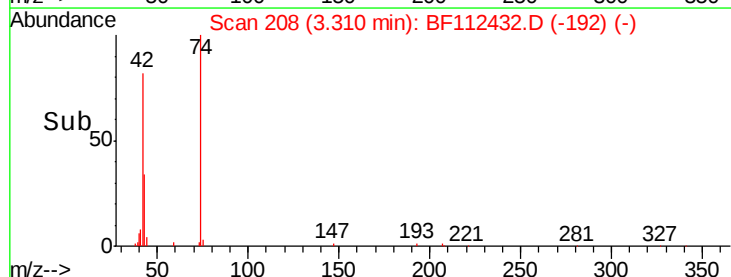
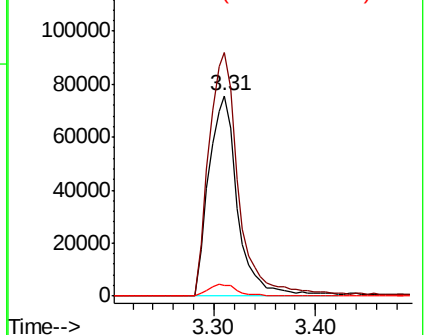
44 5.3 5.4 8.2#

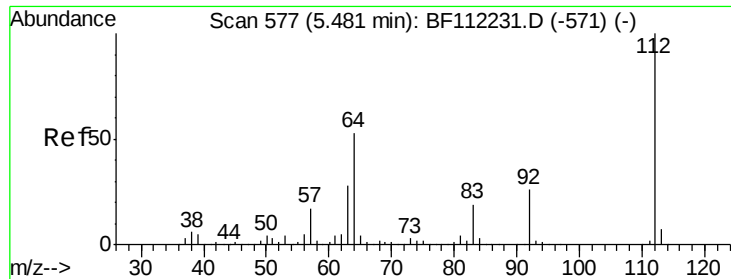


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.036 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampled :

DFTPP

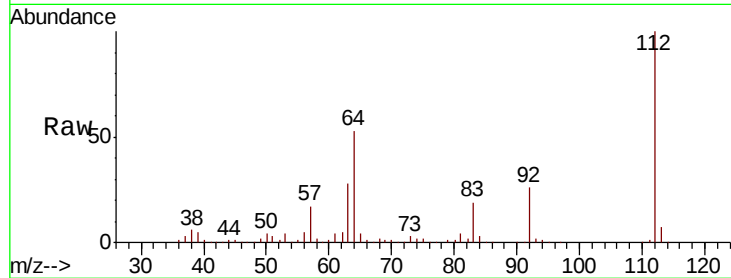
Tot Ion:112 Resp: 680654

Ion Ratio Lower Upper

112 100

64 53.2 45.7 68.5

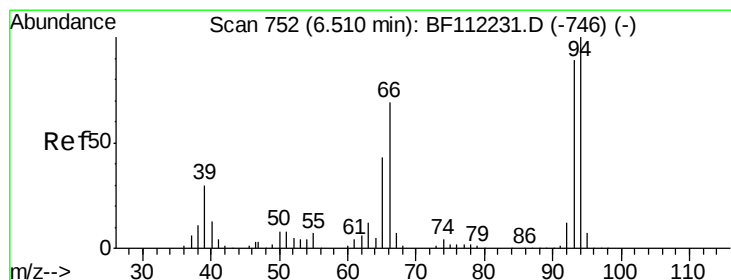
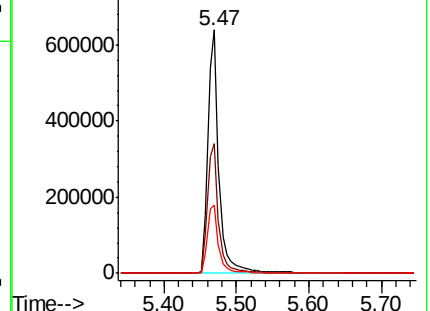
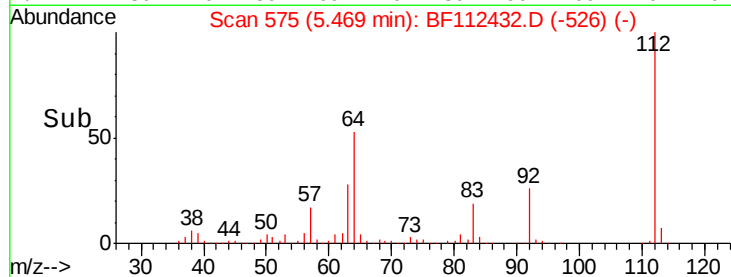
63 28.2 23.6 35.4



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: 43.276 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

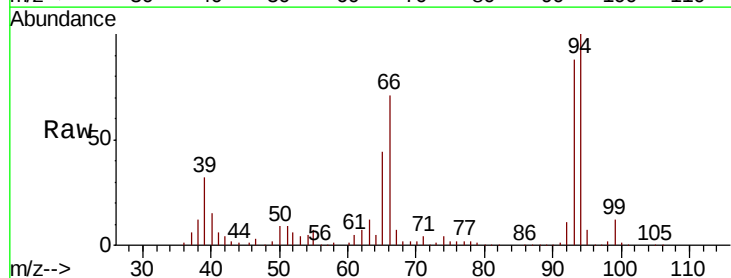
Tgt Ion: 93 Resp: 496645

Ion Ratio Lower Upper

93 100

66 79.8 43.4 65.2#

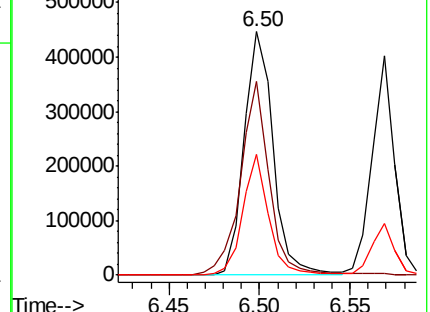
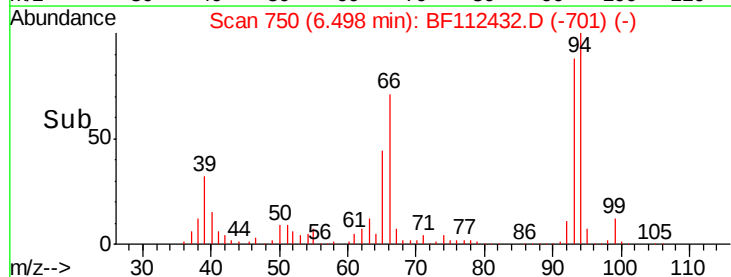
65 49.4 25.3 37.9#

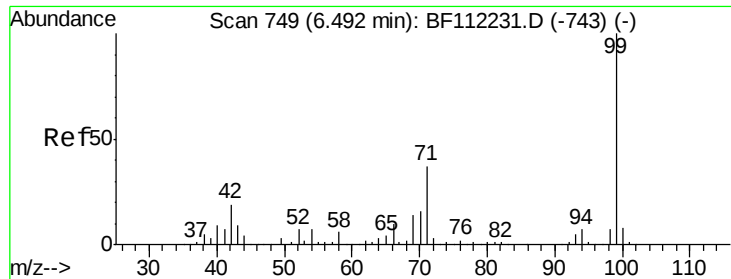


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.616 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

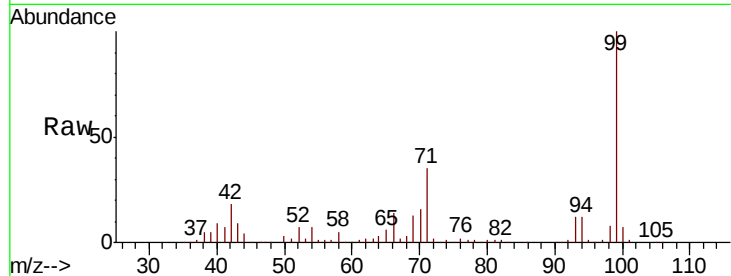
Tot Ion: 99 Resp: 835621

Ion Ratio Lower Upper

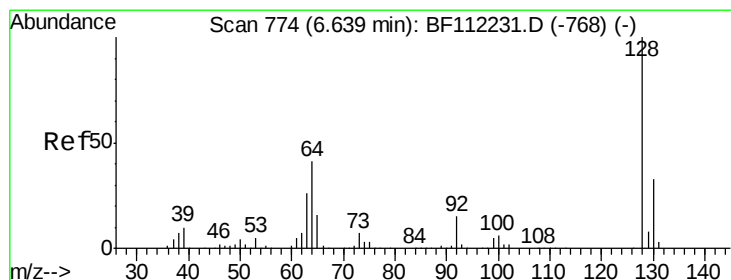
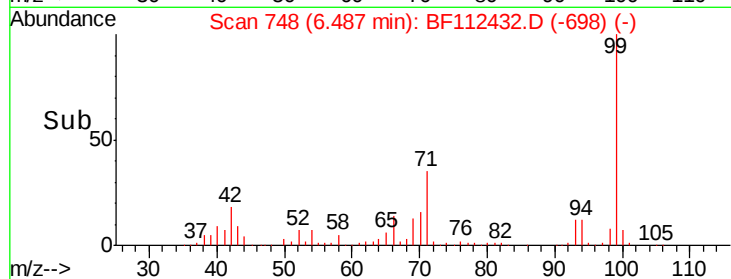
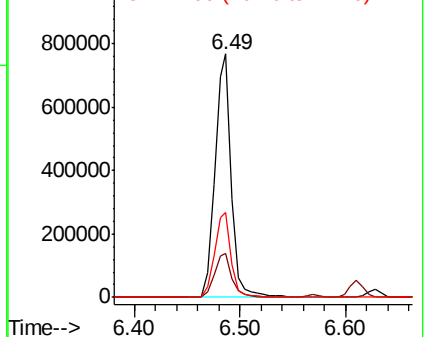
99 100

42 18.2 15.1 22.7

71 34.9 26.9 40.3



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: 41.912 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

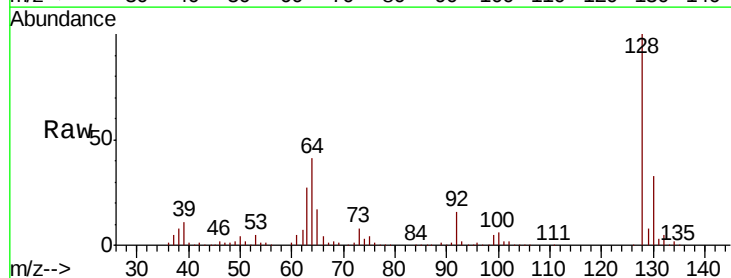
Tgt Ion: 128 Resp: 391460

Ion Ratio Lower Upper

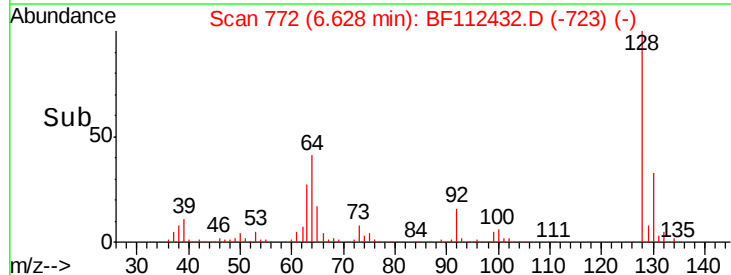
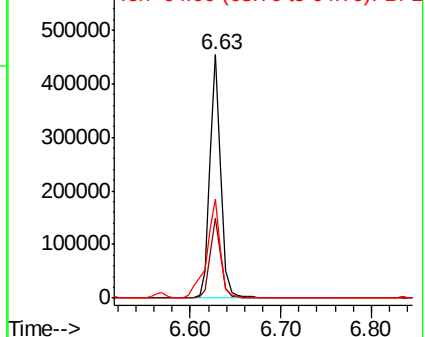
128 100

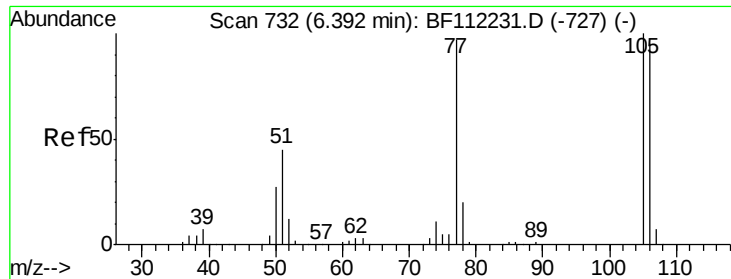
130 32.8 13.4 53.4

64 40.8 20.5 60.5



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: 40.616 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleID :

DFTPP

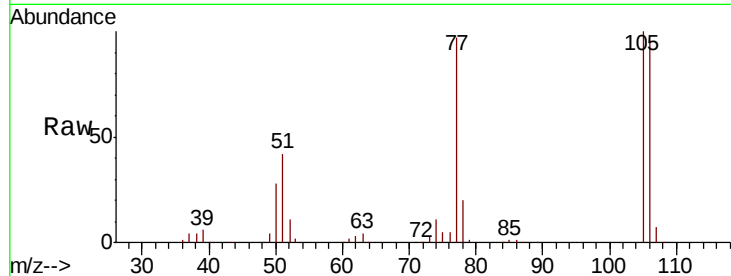
Tot Ion: 77 Resp: 204806

Ion Ratio Lower Upper

77 100

105 103.3 80.8 120.8

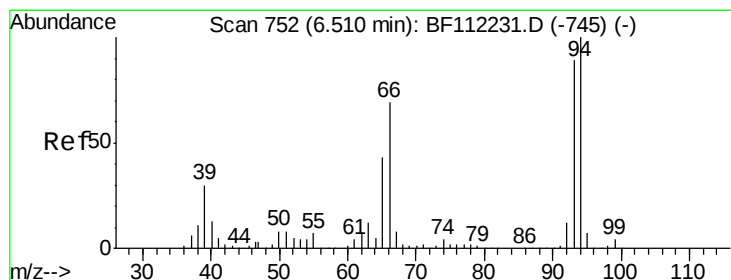
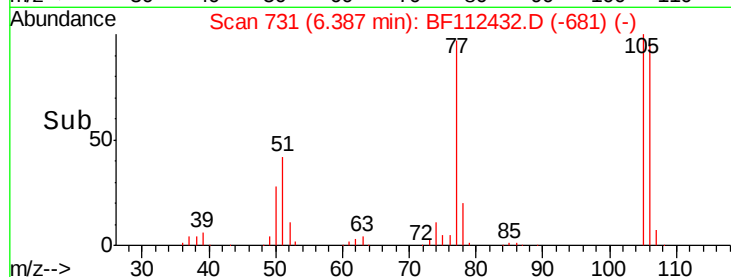
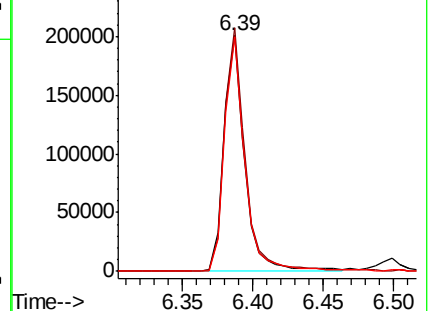
106 99.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.974 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

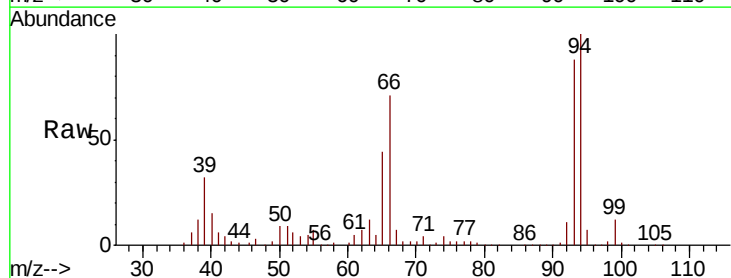
Tgt Ion: 94 Resp: 454857

Ion Ratio Lower Upper

94 100

65 43.7 20.3 60.3

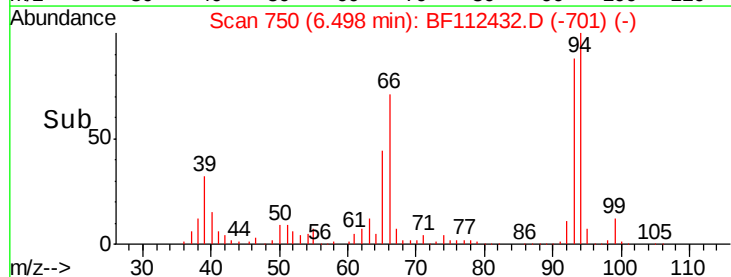
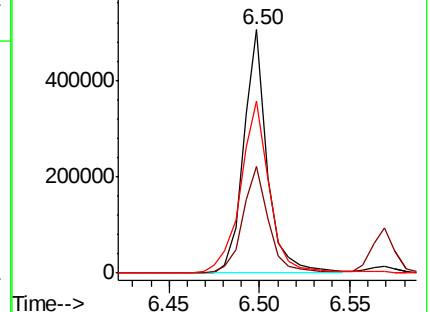
66 70.6 42.4 82.4

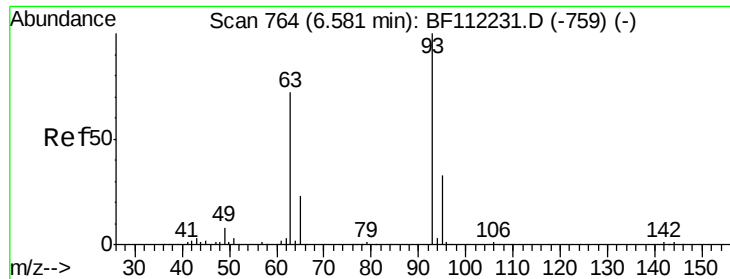


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.267 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

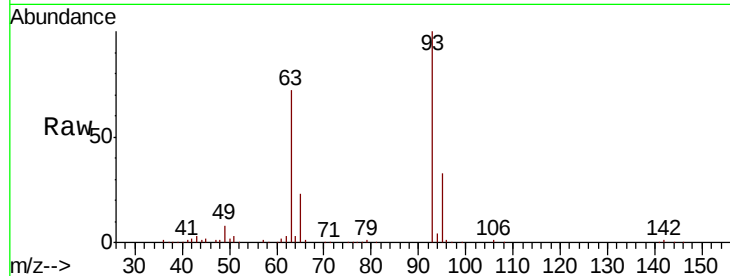
Tot Ion: 93 Resp: 343875

Ion Ratio Lower Upper

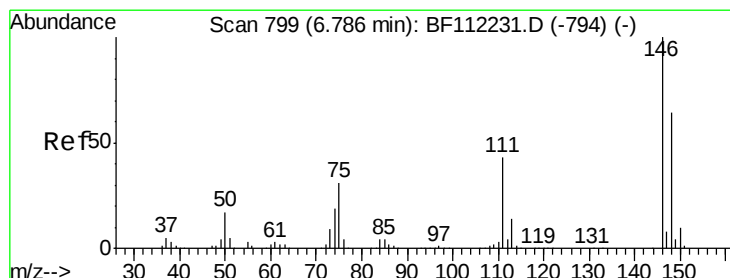
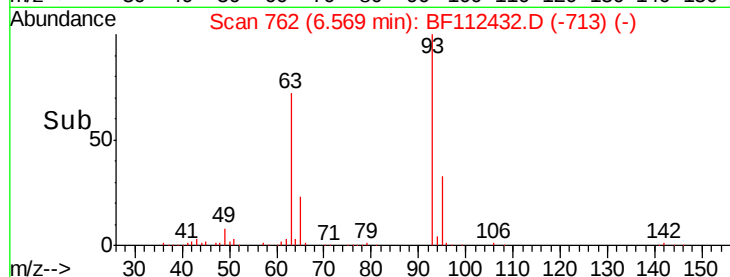
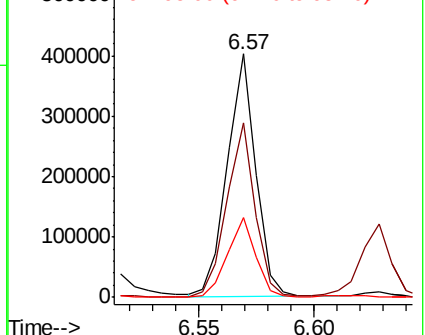
93 100

63 71.7 53.3 93.3

95 32.7 13.4 53.4



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: 40.312 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

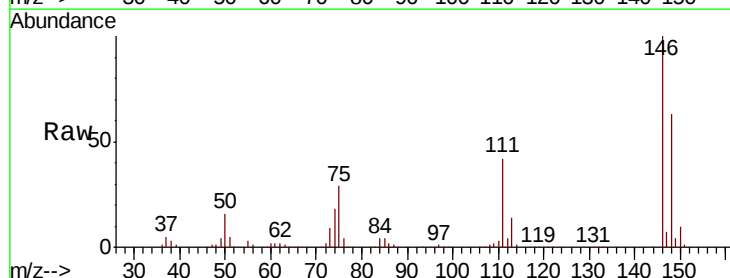
Tgt Ion: 146 Resp: 438490

Ion Ratio Lower Upper

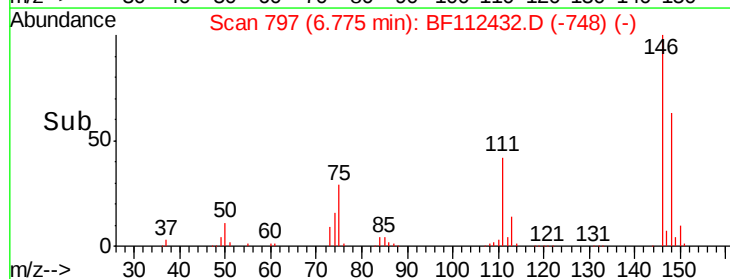
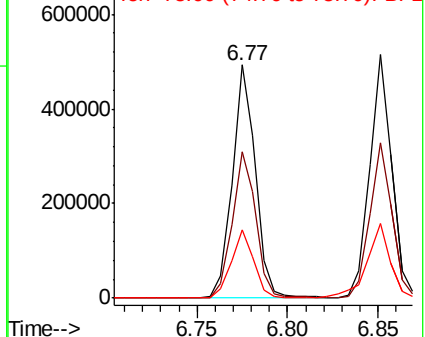
146 100

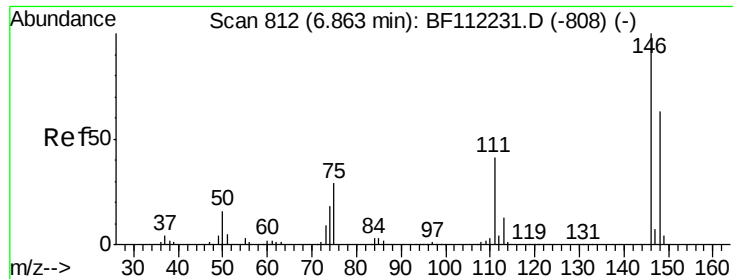
148 62.8 51.8 77.8

75 29.4 23.1 34.7



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

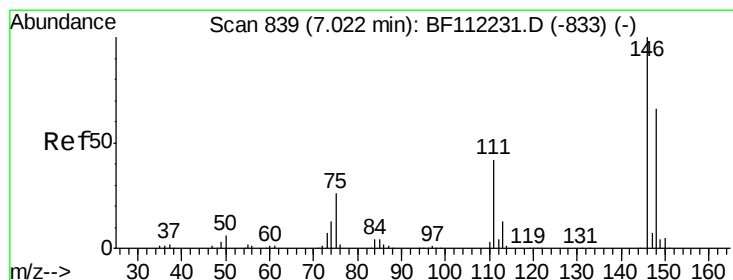
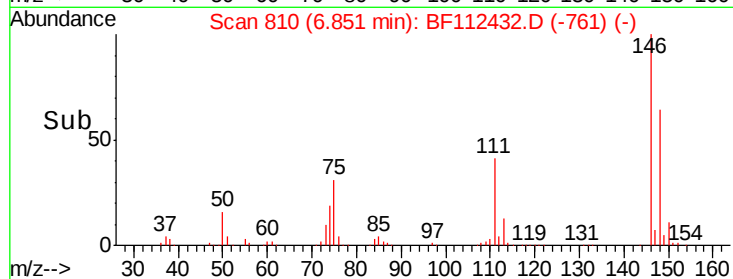
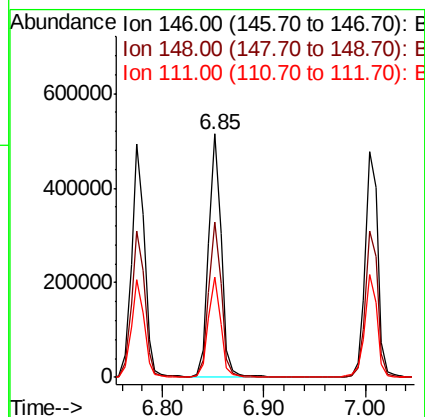
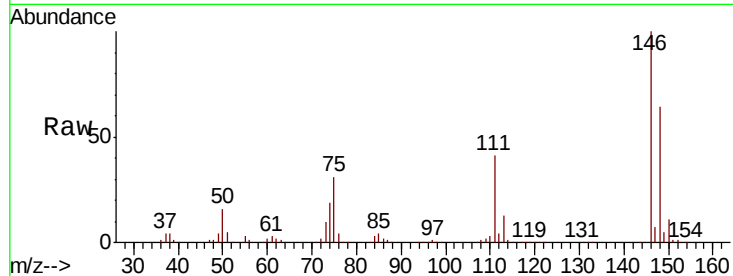




#13
 1,4-Dichlorobenzene
 Concen: 40.026 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

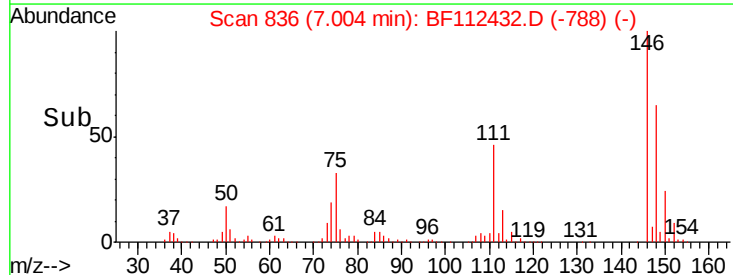
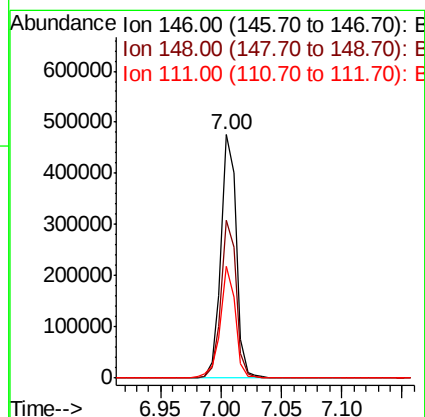
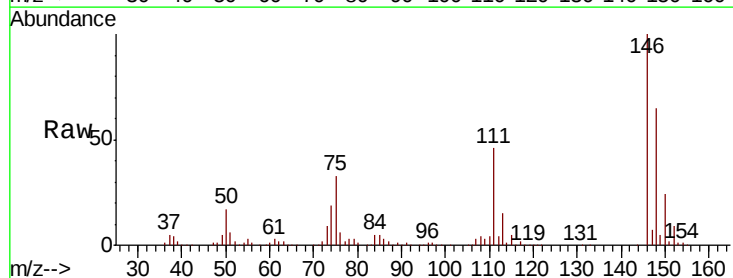
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

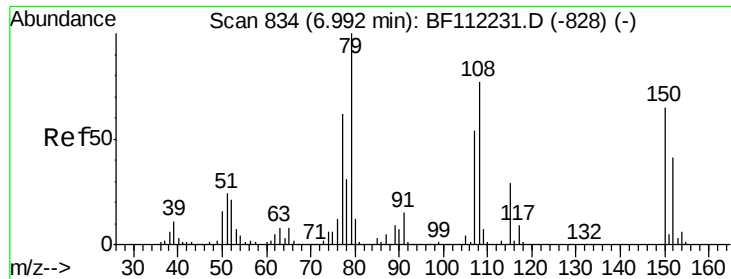
Tot Ion:146 Resp: 448077
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 41.1 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 39.638 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:146 Resp: 415449
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 45.8 31.2 46.8

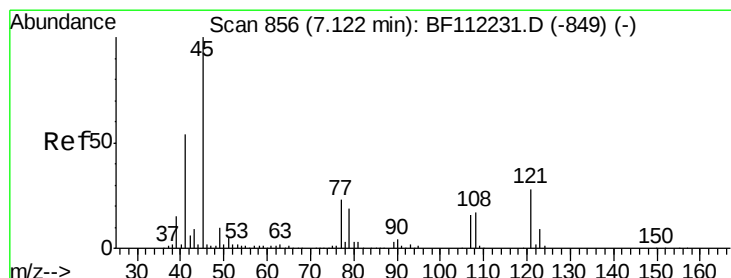
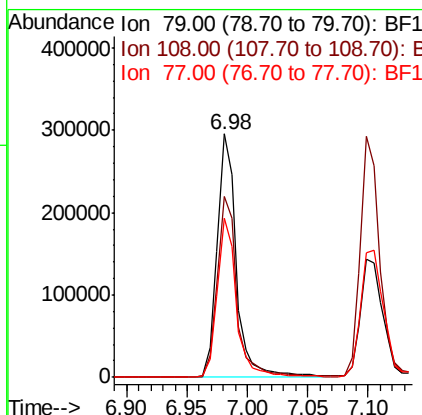
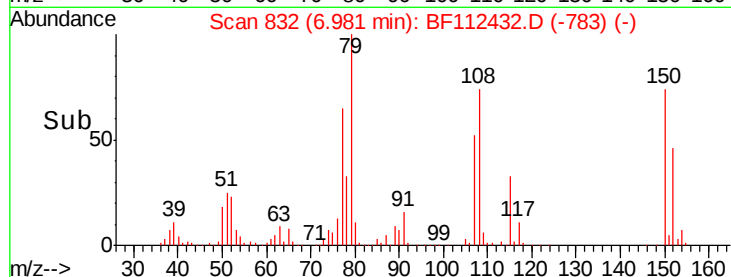
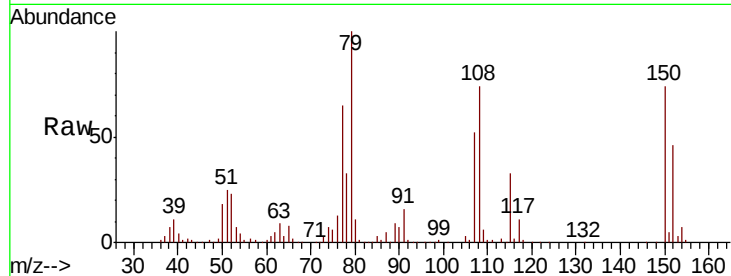




#15
Benzyl Alcohol
Concen: 39.969 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

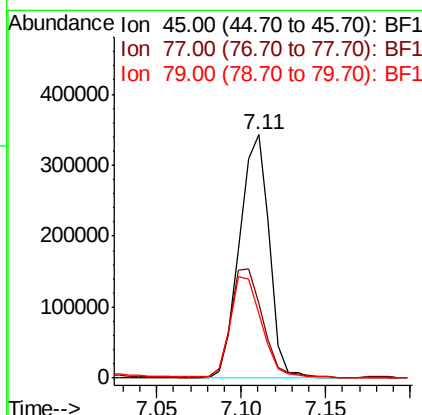
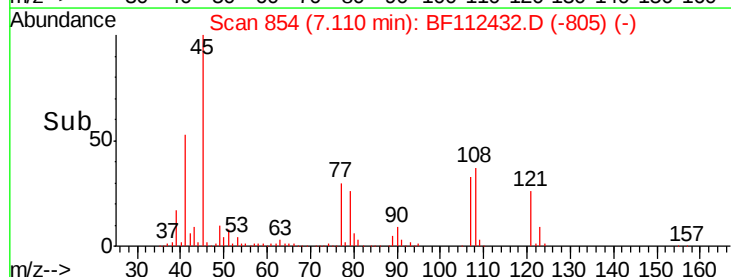
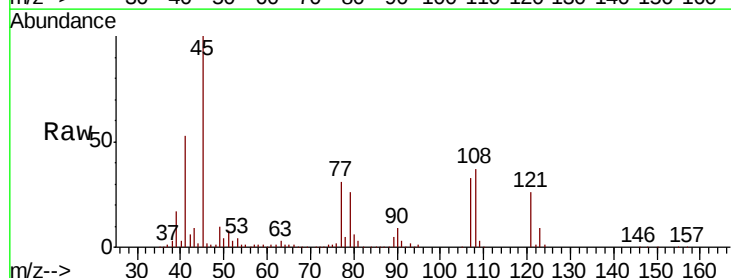
Instrument :
BNA_F
ClientSampled :
DFTPP

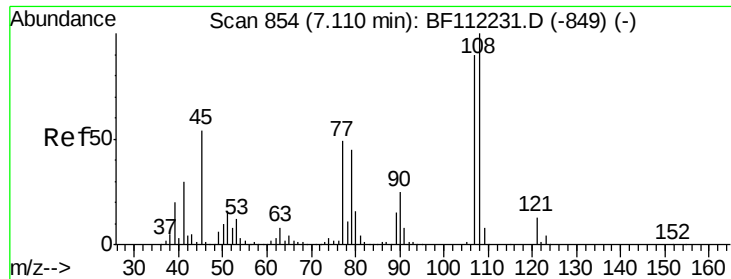
Tot Ion: 79 Resp: 325051
Ion Ratio Lower Upper
79 100
108 74.3 64.2 96.2
77 65.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.345 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion: 45 Resp: 420959
Ion Ratio Lower Upper
45 100
77 30.6 0.0 36.9
79 26.2 0.0 34.0

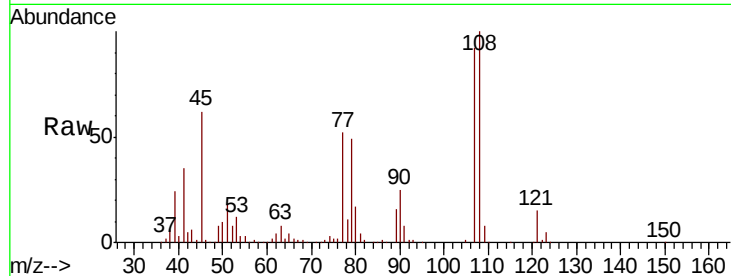




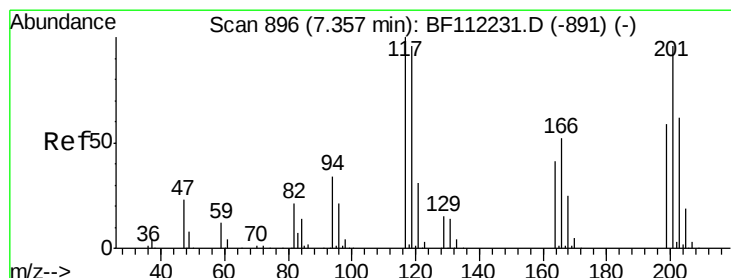
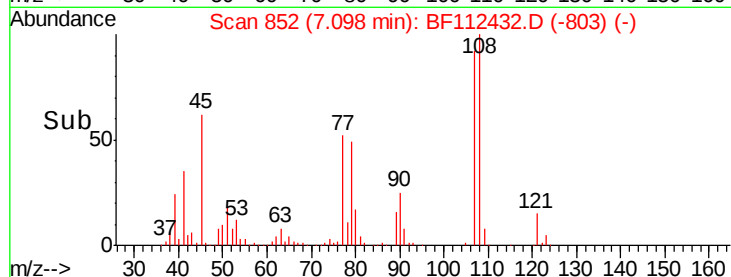
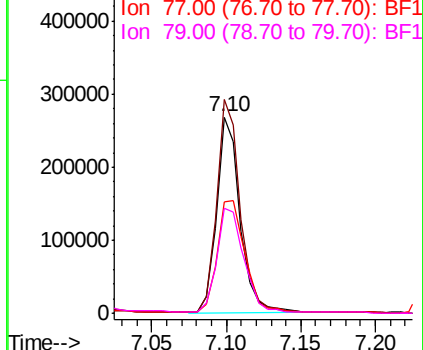
#17
2-Methylphenol
Concen: 39.607 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:	107	Resp:	293249
Ion	Ratio	Lower	Upper
107	100		
108	109.0	91.3	136.9
77	56.7	39.0	58.6
79	53.6	37.0	55.4

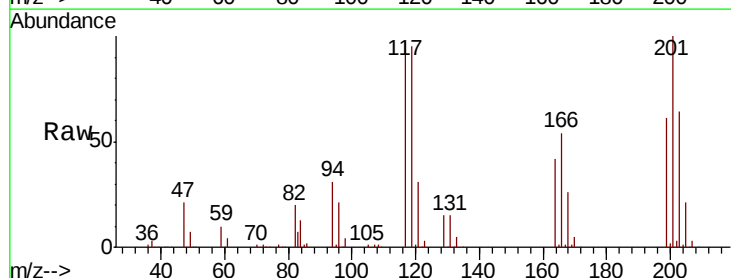


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

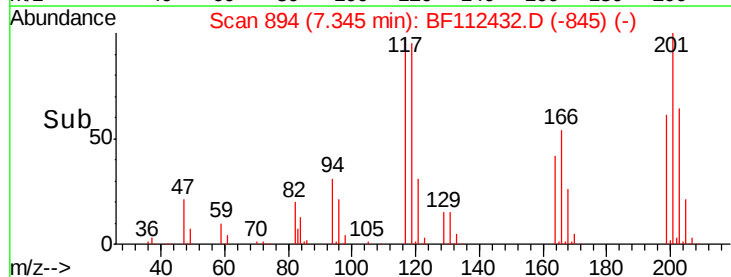
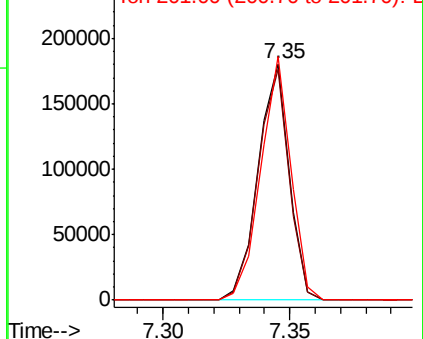


#18
Hexachloroethane
Concen: 39.534 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:	117	Resp:	155410
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
201	103.1	74.1	111.1



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

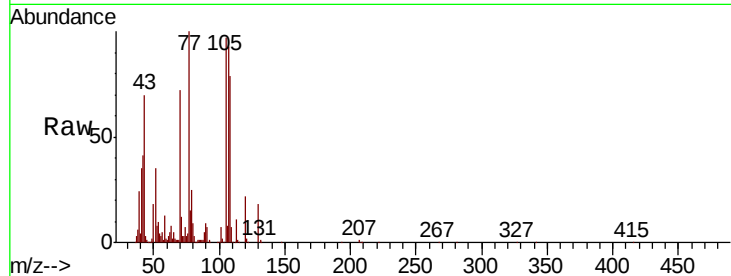




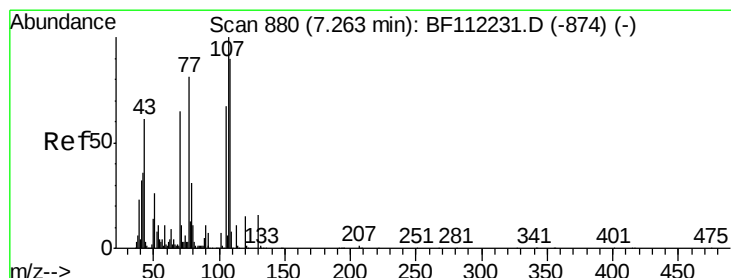
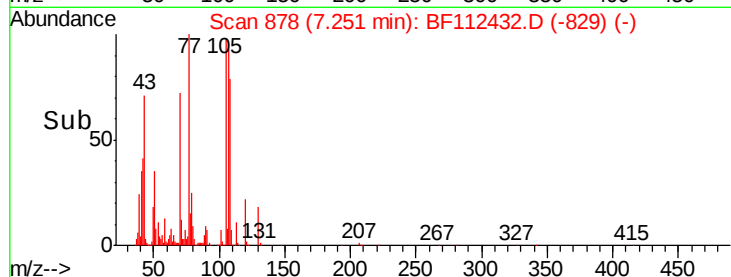
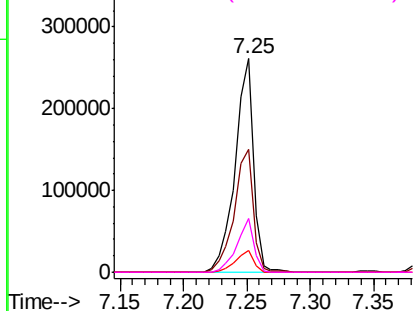
#19
n-Nitroso-di-n-propylamine
Concen: 39.314 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:	70	Resp:	261529
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.6	71.4
101	10.3	7.9	11.9
130	25.0	18.4	27.6

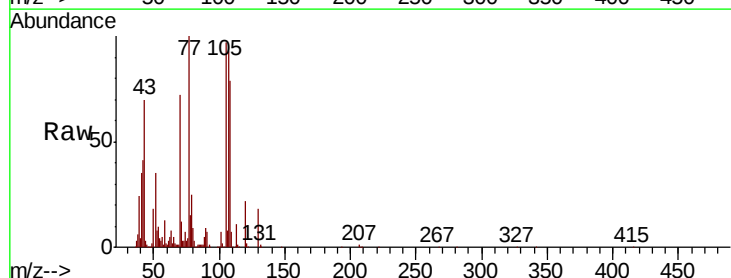


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

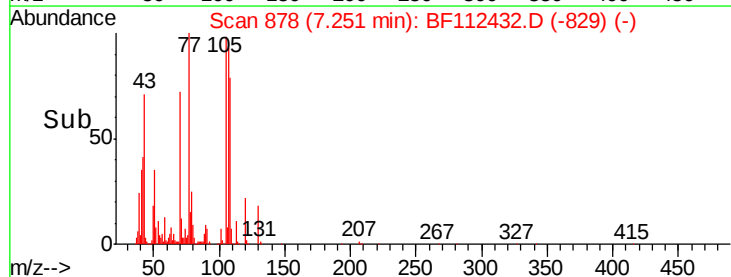
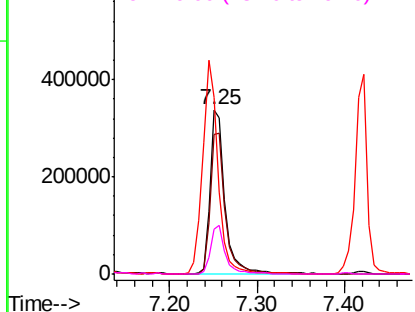


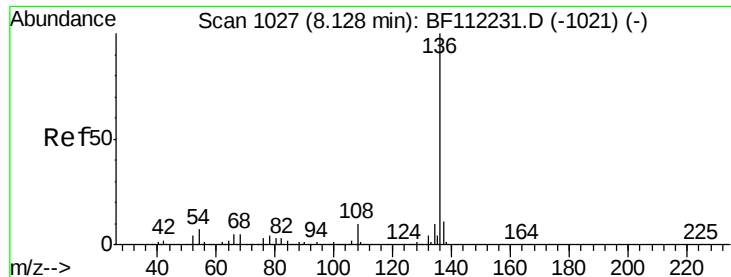
#20
3+4-Methylphenols
Concen: 41.362 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:	107	Resp:	391613
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.2	108.2
77	107.7	100.7	140.7
79	27.2	7.3	47.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 566012

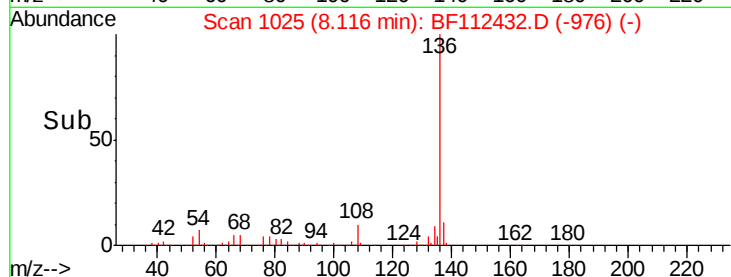
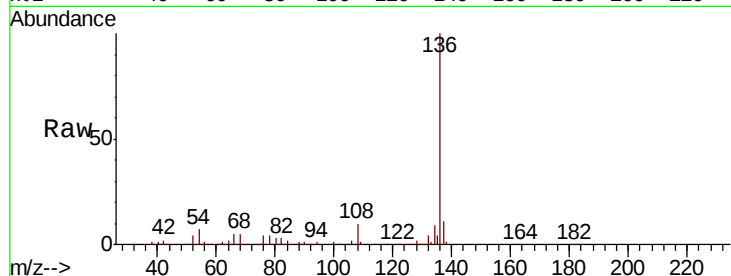
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 4.8 5.1 7.7#

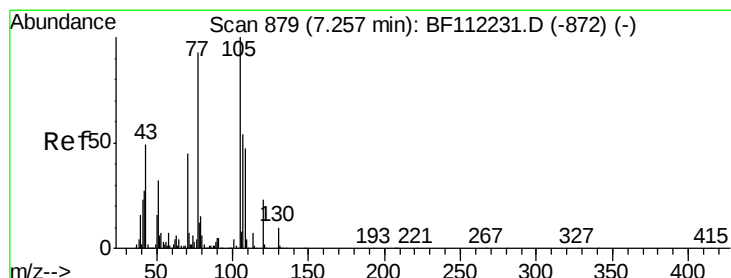
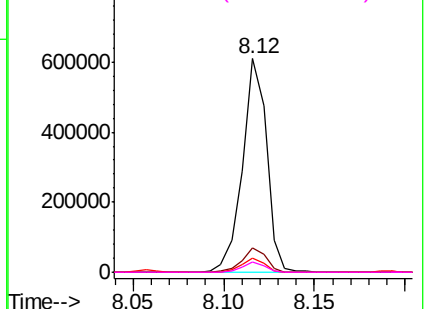


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.732 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Tgt Ion:105 Resp: 547608

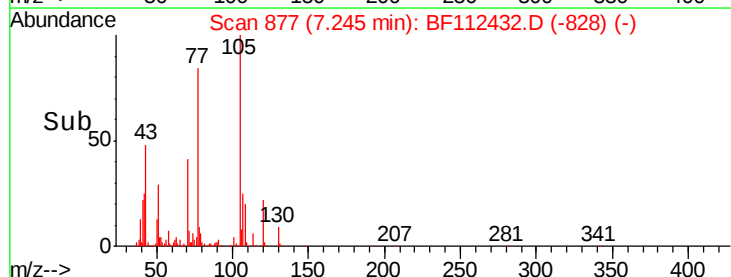
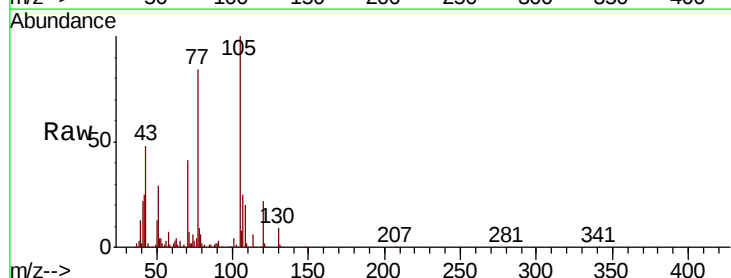
Ion Ratio Lower Upper

105 100

71 7.0 4.6 6.8#

51 28.6 25.0 37.6

120 22.5 19.0 28.4

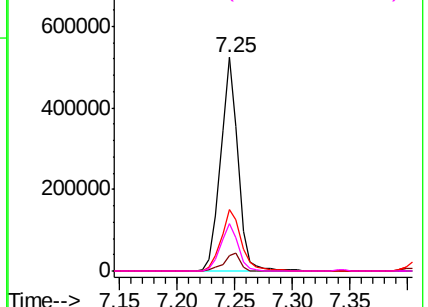


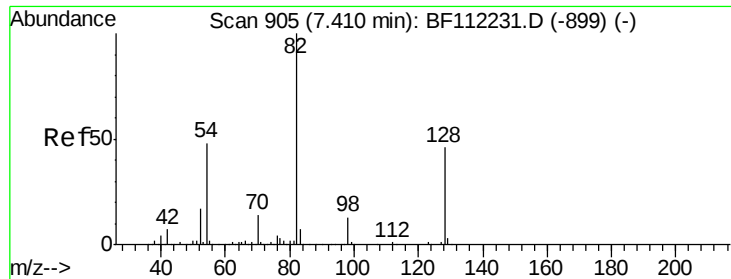
Abundance Ion 105.00 (104.70 to 105.70): E

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

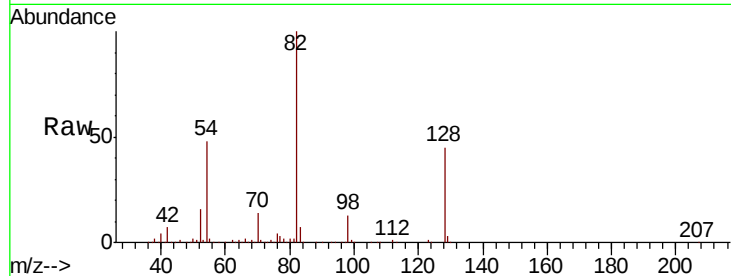




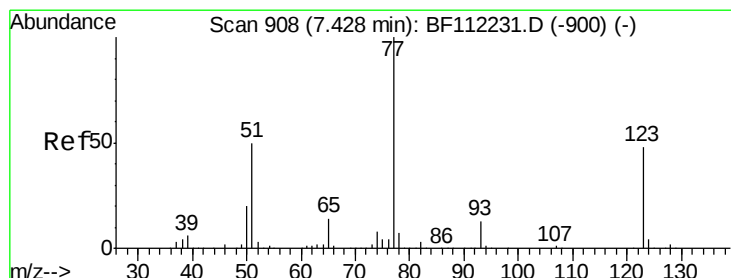
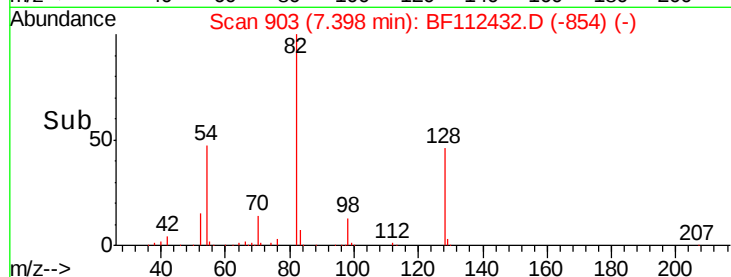
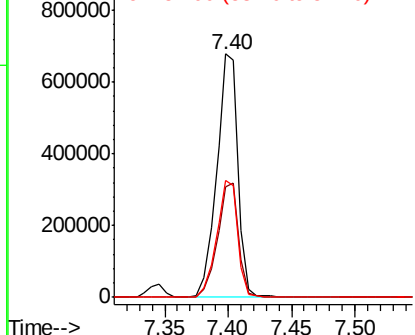
#23
Nitrobenzene-d5
Concen: 80.661 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	82	Resp	792353
Ion Ratio	100	Lower	Upper
128	45.5	37.8	56.8
54	47.8	39.7	59.5

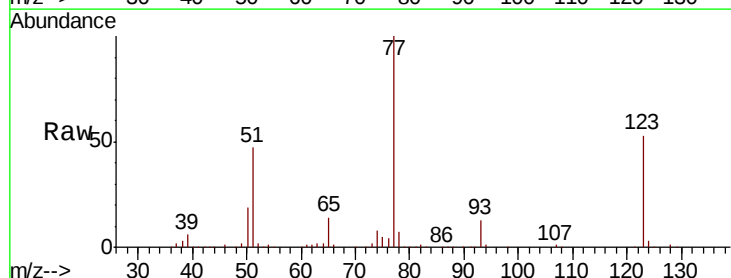


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

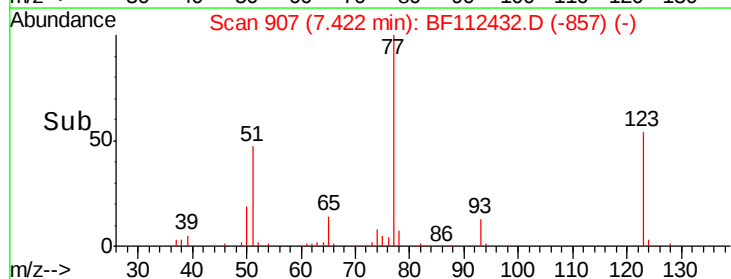
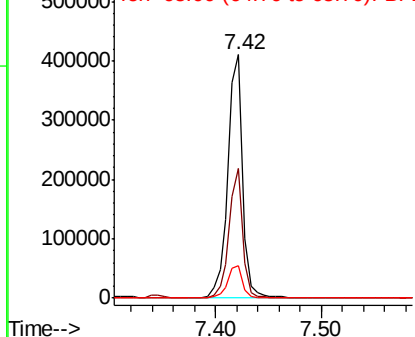


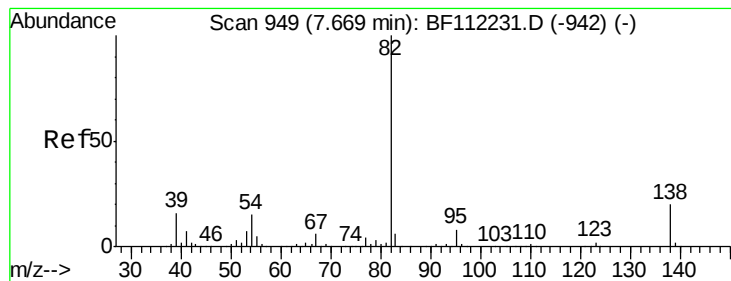
#24
Nitrobenzene
Concen: 39.983 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	77	Resp	392256
Ion Ratio	100	Lower	Upper
123	53.3	38.4	57.6
65	13.6	10.6	15.8



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





#25

Isophorone

Concen: 39.643 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

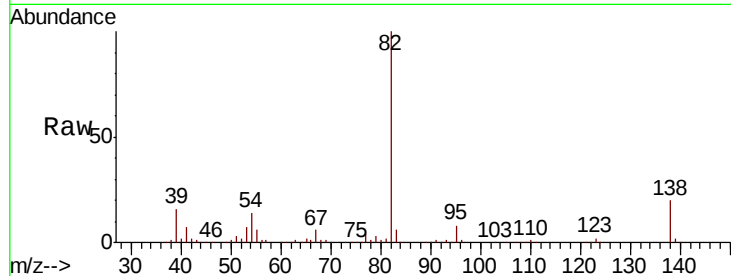
Tot Ion: 82 Resp: 610914

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

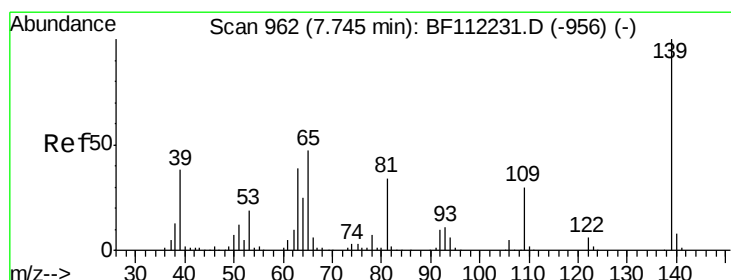
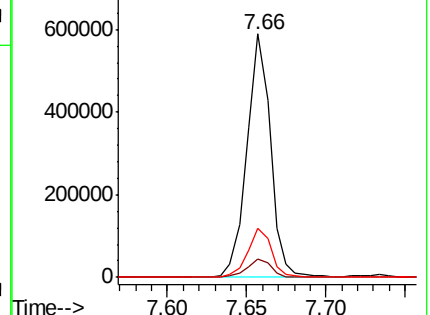
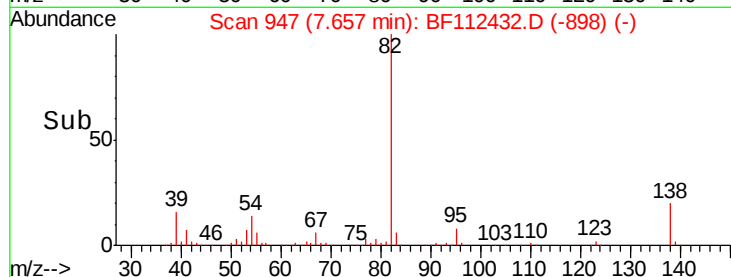
138 20.0 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.147 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

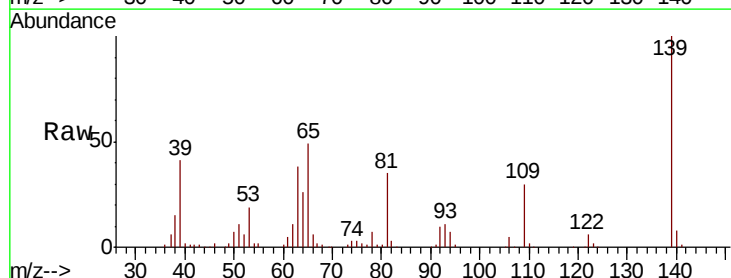
Tgt Ion: 139 Resp: 220973

Ion Ratio Lower Upper

139 100

109 29.9 20.8 31.2

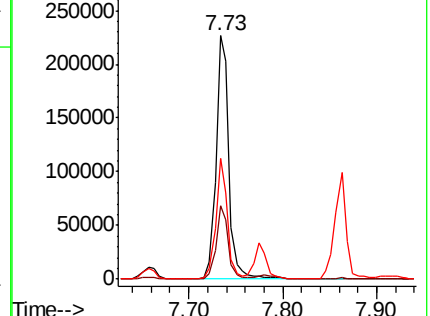
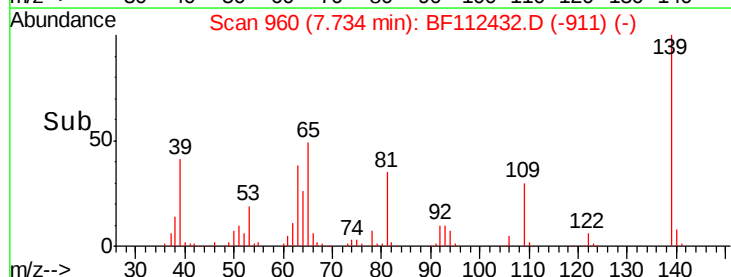
65 49.4 34.4 51.6

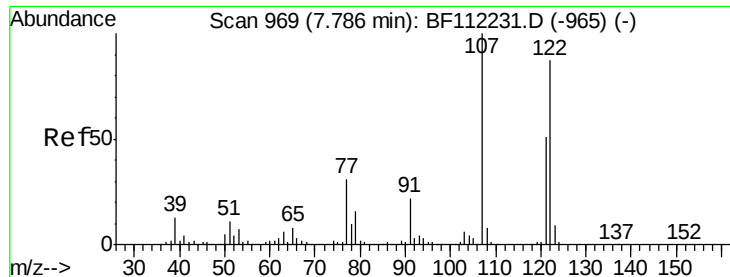


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

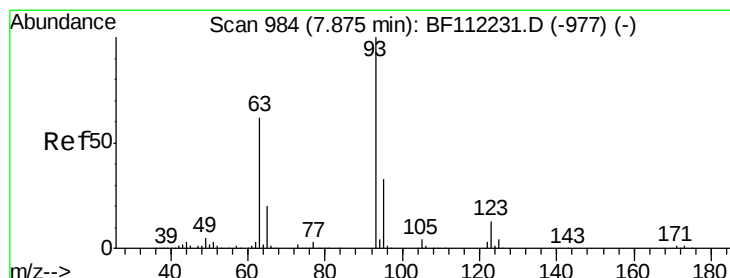
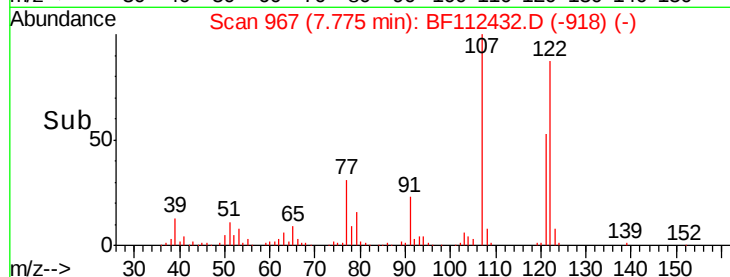
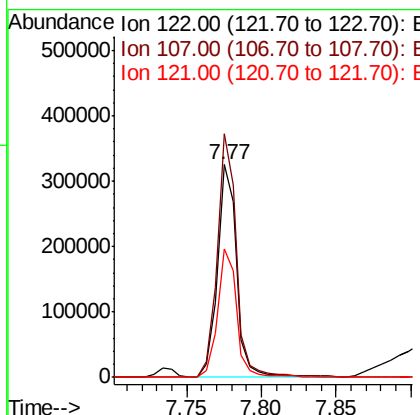
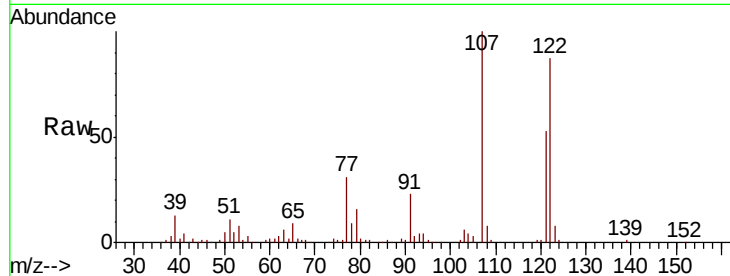




#27
2,4-Dimethylphenol
Concen: 40.275 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

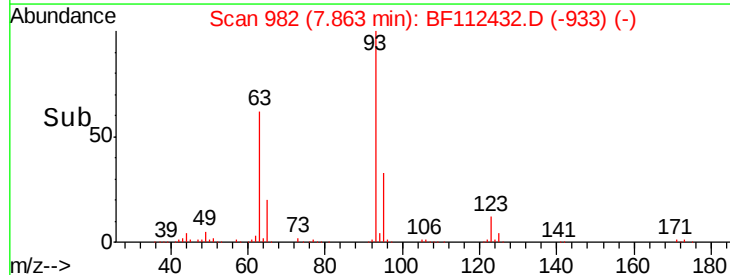
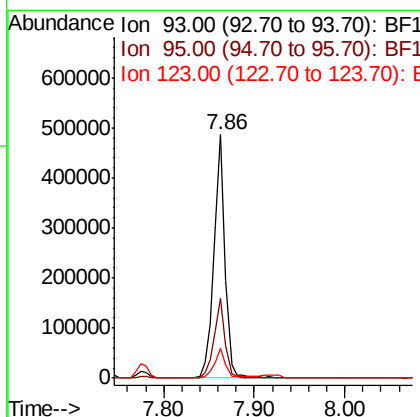
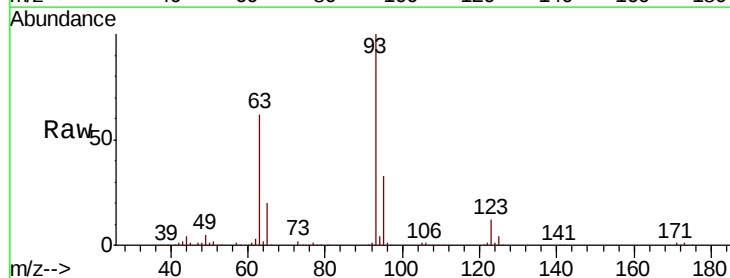
Instrument :
BNA_F
ClientSampled :
DFTPP

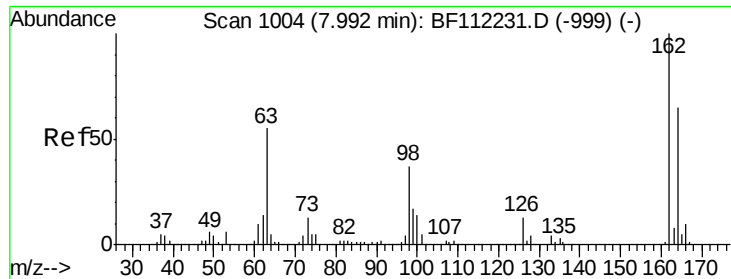
Tot Ion:122 Resp: 290928
Ion Ratio Lower Upper
122 100
107 114.5 85.4 128.0
121 60.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.197 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion: 93 Resp: 421790
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 12.2 10.2 15.2

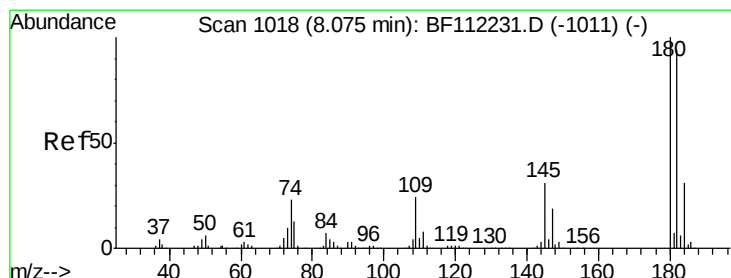
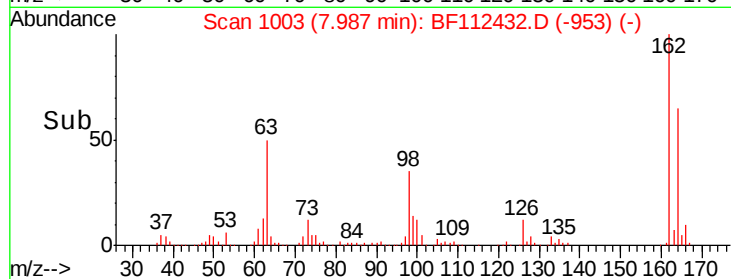
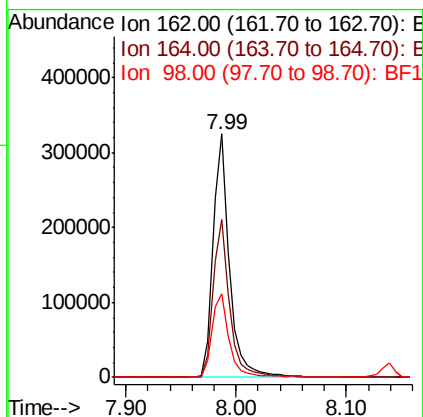
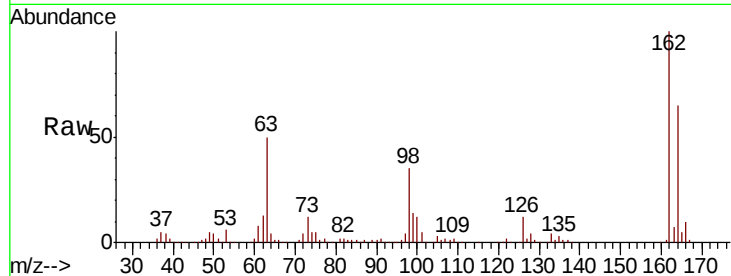




#29
 2,4-Dichlorophenol
 Concen: 40.925 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

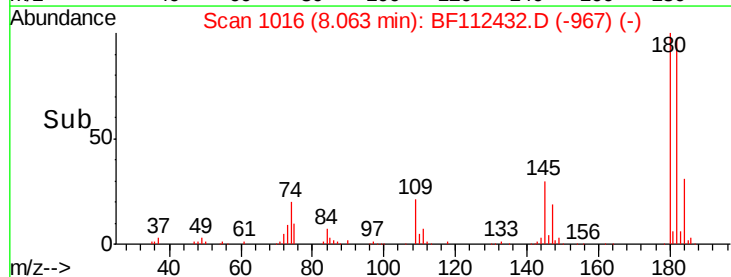
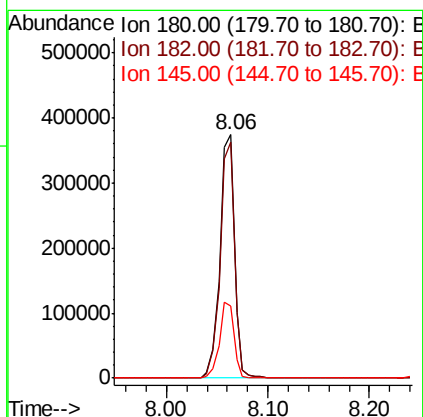
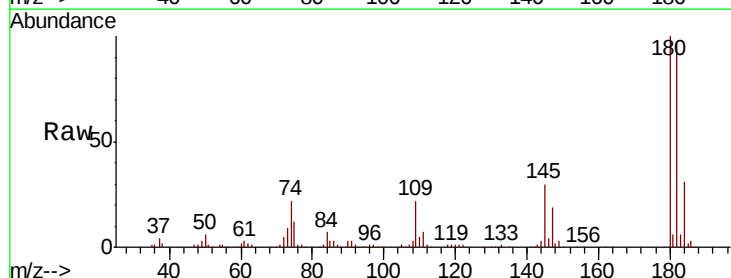
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

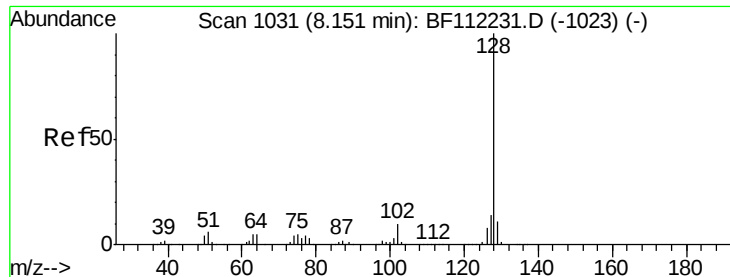
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	34.6	14.6	54.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.163 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.4	114.6
145	29.8	25.0	37.4

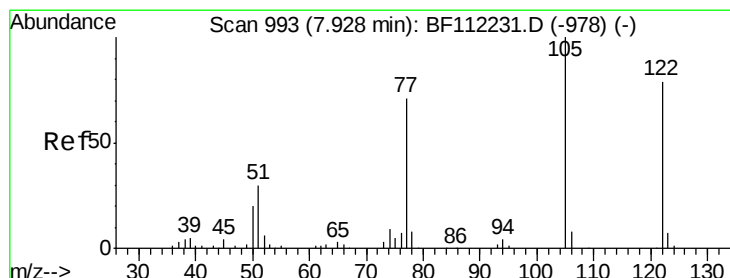
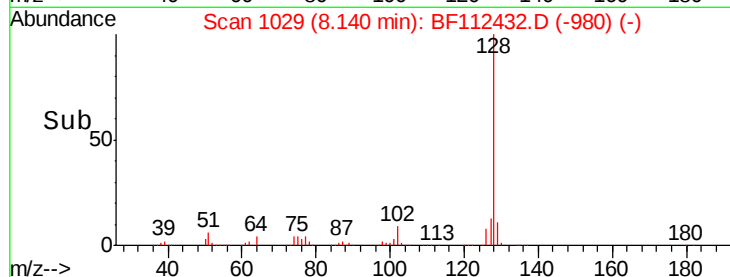
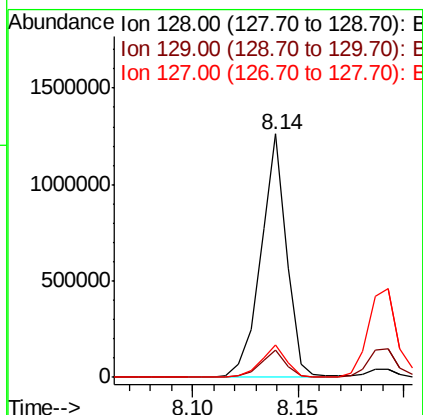
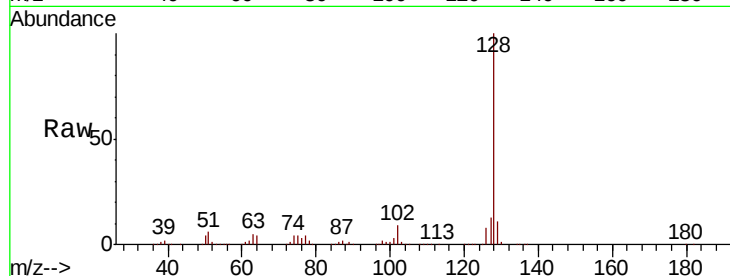




#31
Naphthalene
Concen: 40.264 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

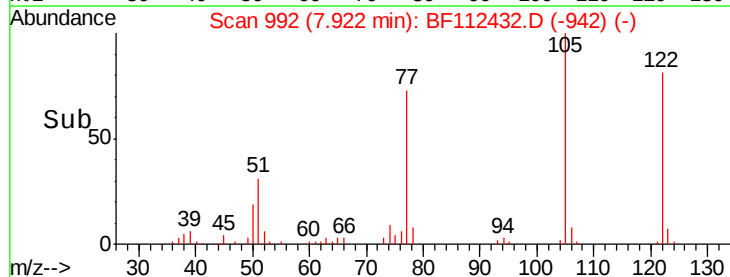
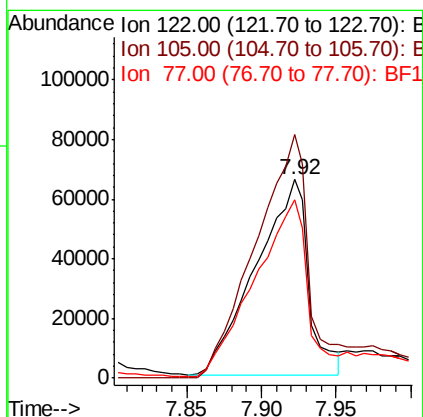
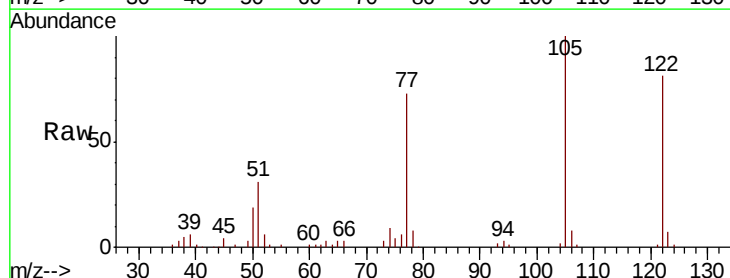
Instrument :
BNA_F
ClientSampleId :
DFTPP

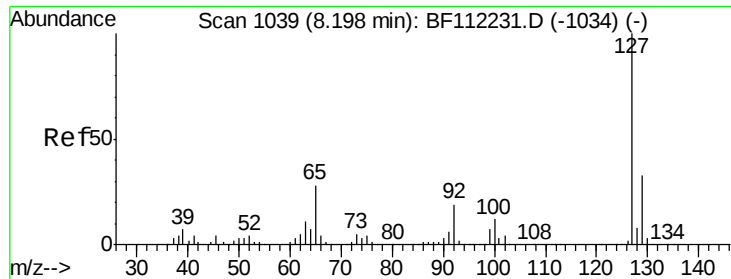
Tot Ion:128 Resp: 1065761
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 39.129 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:122 Resp: 161229
Ion Ratio Lower Upper
122 100
105 122.9 101.2 141.2
77 89.7 70.4 110.4

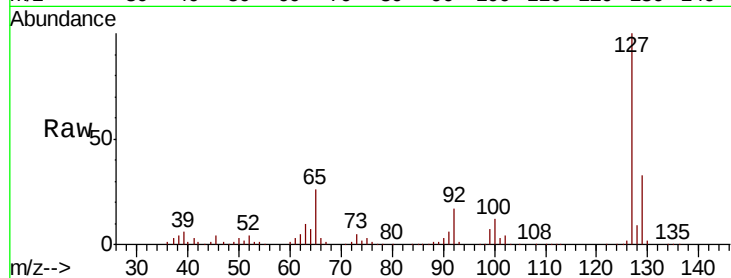




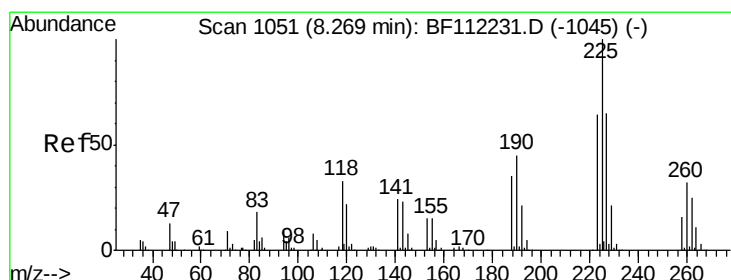
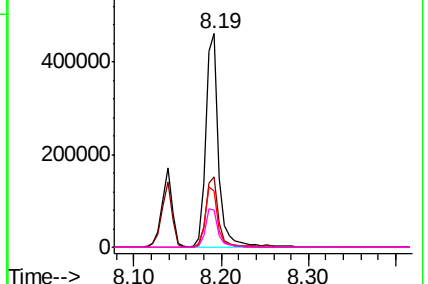
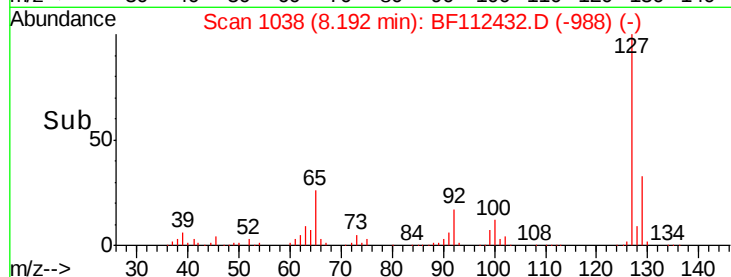
#33
4-Chloroaniline
Concen: 40.610 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:	127	Resp:	468048
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	26.4	21.4	32.2
92	17.3	14.2	21.2

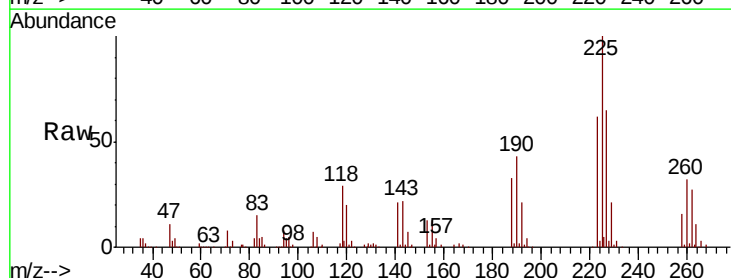


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

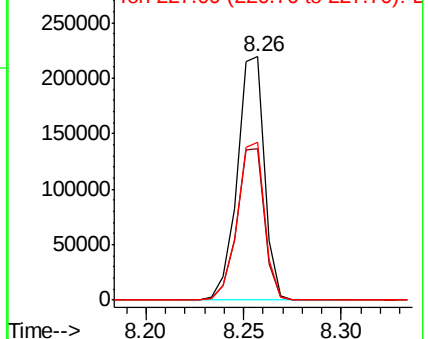
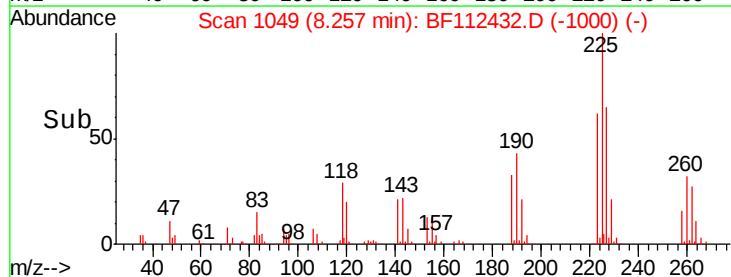


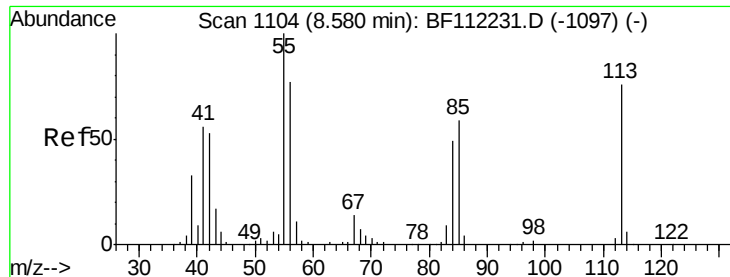
#34
Hexachlorobutadiene
Concen: 38.756 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:	225	Resp:	211323
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	64.6	51.8	77.8



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

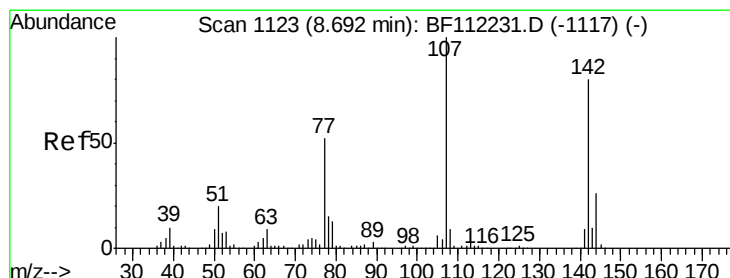
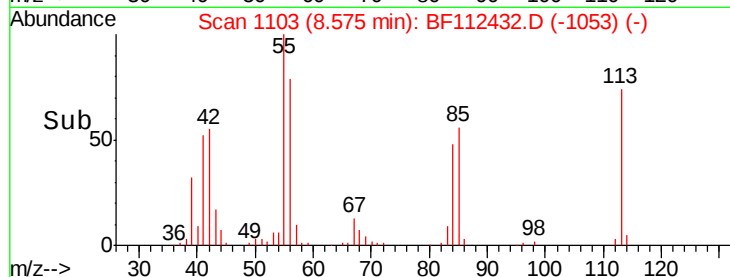
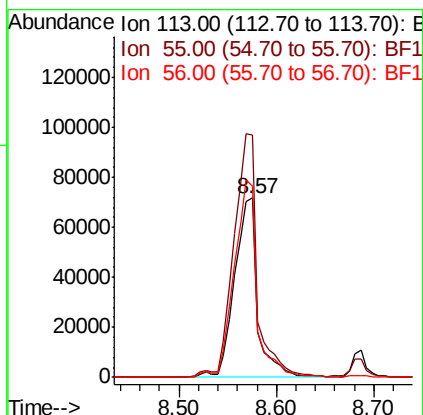
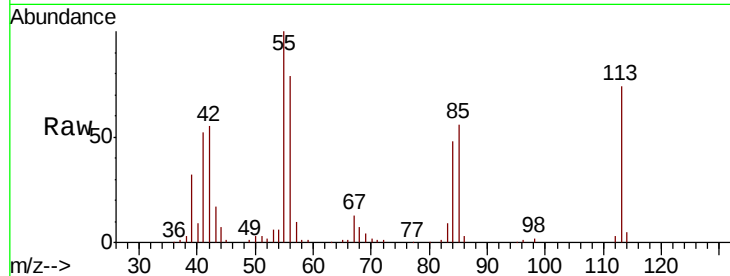




#35
Caprolactam
Concen: 41.202 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

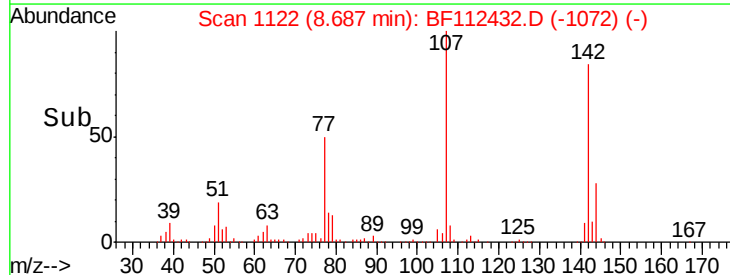
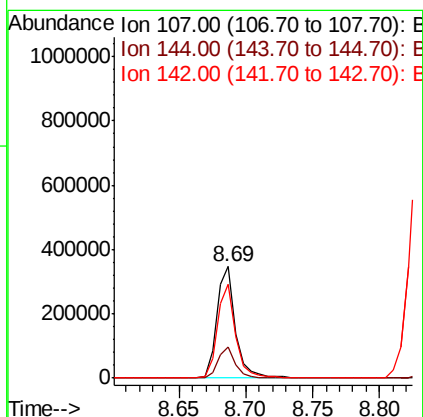
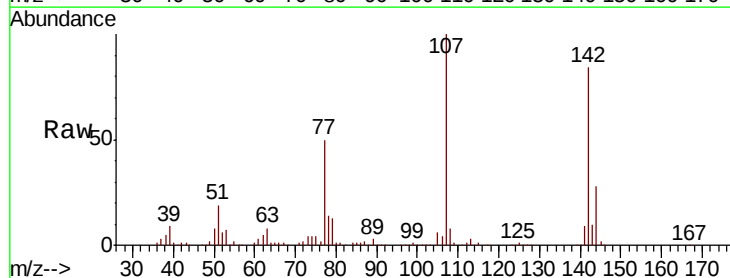
Instrument :
BNA_F
ClientSampleId :
DFTPP

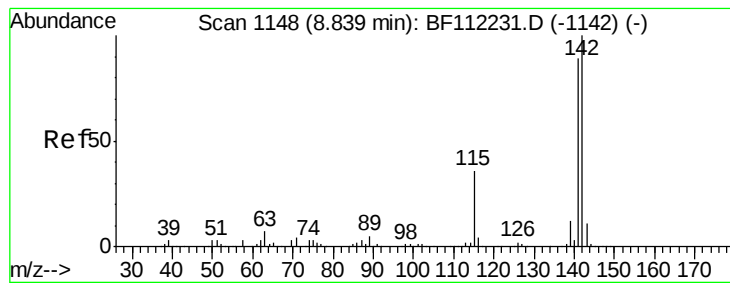
Tot Ion:113 Resp: 117494
Ion Ratio Lower Upper
113 100
55 135.5 121.6 161.6
56 106.5 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 39.781 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:107 Resp: 340423
Ion Ratio Lower Upper
107 100
144 28.1 22.2 33.2
142 84.4 67.7 101.5





#37

2-Methylnaphthalene

Concen: 39.590 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

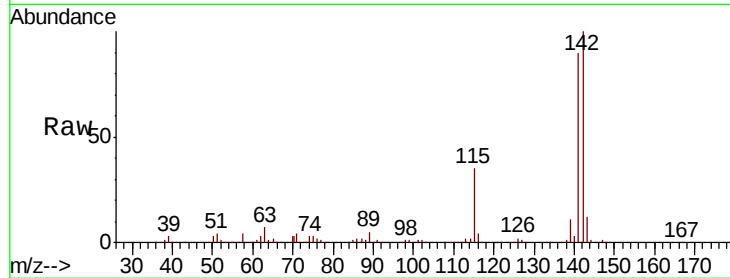
Tot Ion:142 Resp: 717389

Ion Ratio Lower Upper

142 100

141 89.8 70.9 106.3

115 35.3 24.9 37.3



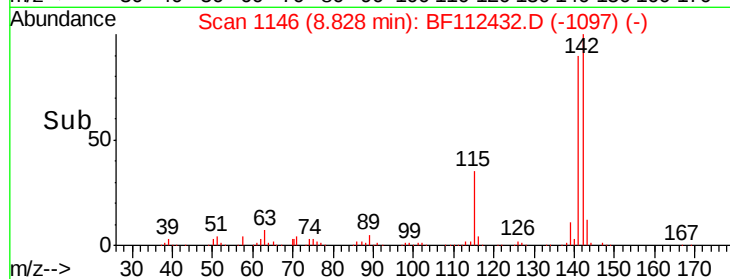
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.83

Time--> 8.75 8.80 8.85 8.90



#38

1-Methylnaphthalene

Concen: 39.459 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

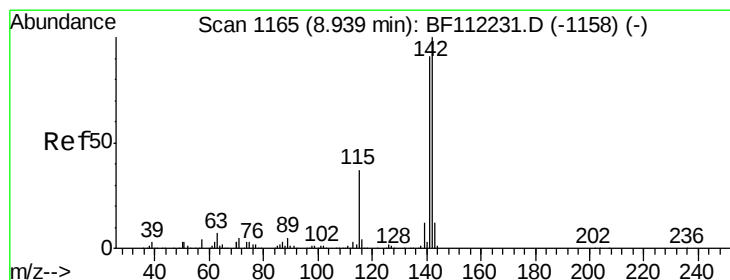
Tgt Ion:142 Resp: 685326

Ion Ratio Lower Upper

142 100

141 93.5 72.6 108.8

116 3.8 2.8 4.2



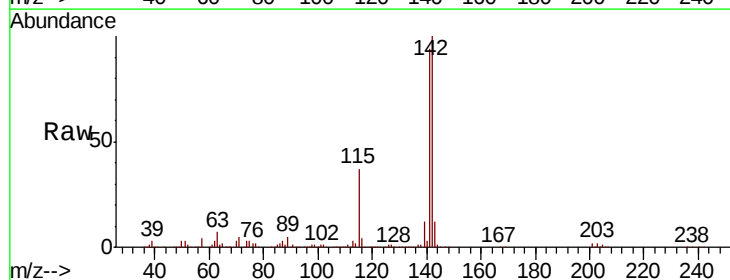
Abundance Ion 142.00 (141.70 to 142.70): E

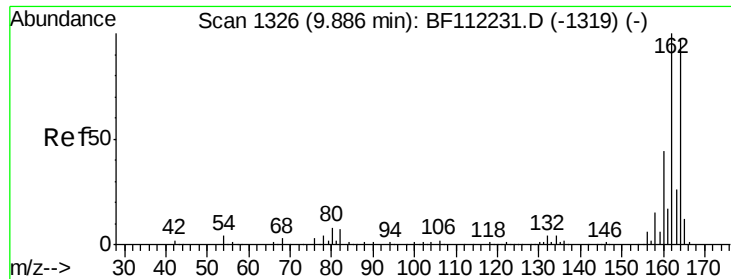
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.93

Time--> 8.85 8.90 8.95 9.00

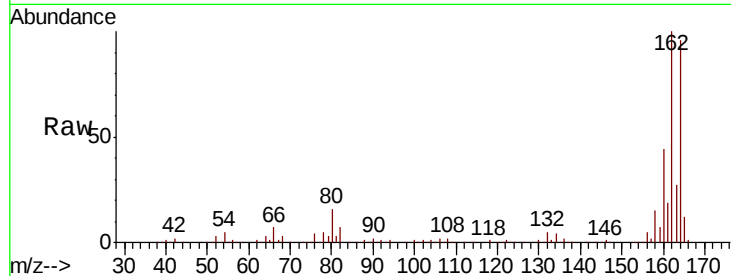




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	46.3	36.2	54.4

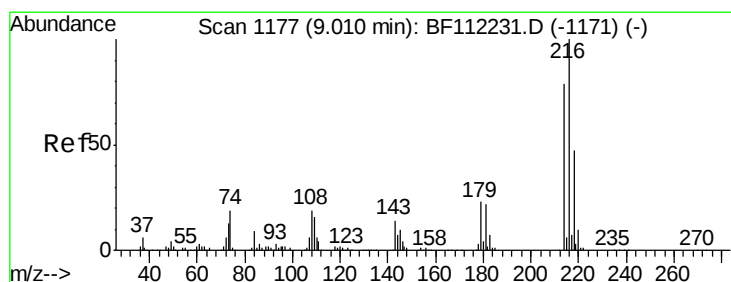
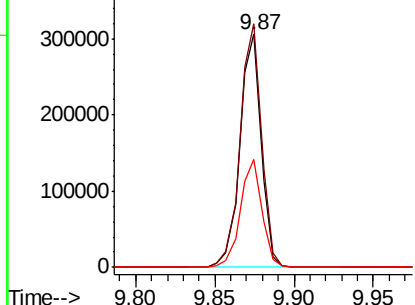
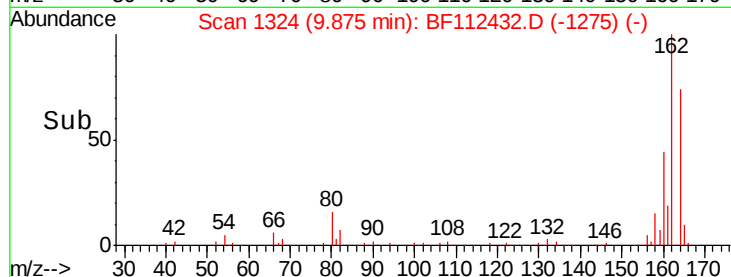


Abundance

Ion 164.00 (163.70 to 164.70): E

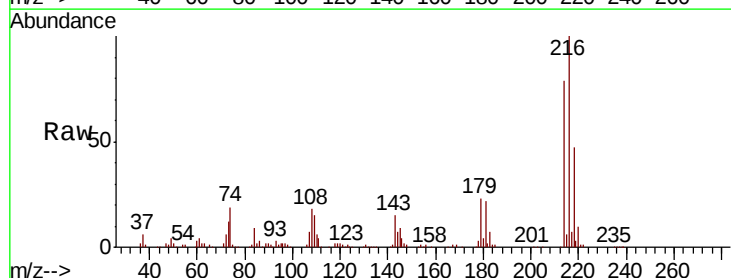
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.737 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.6
179	21.8	16.9	25.3
108	18.1	14.2	21.4



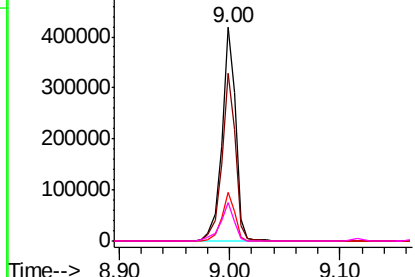
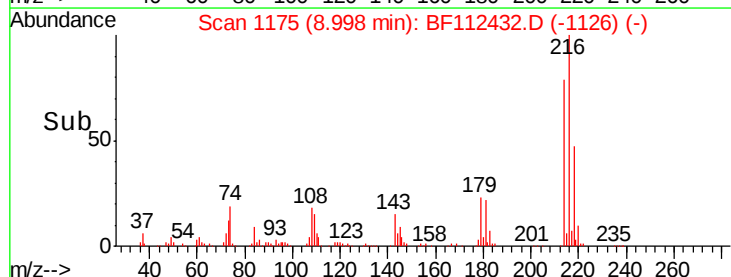
Abundance

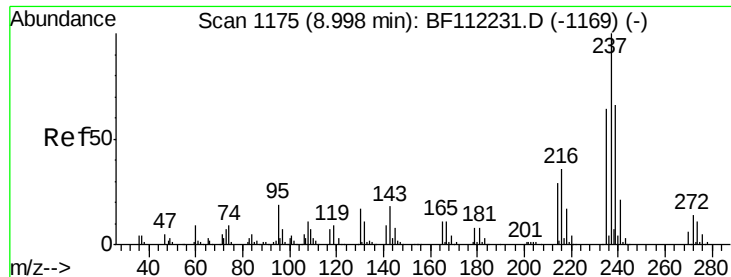
Ion 216.00 (215.70 to 216.70): E

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: 34.618 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

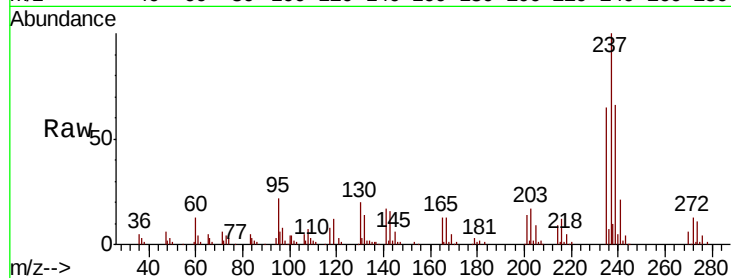
Tot Ion:237 Resp: 100580

Ion Ratio Lower Upper

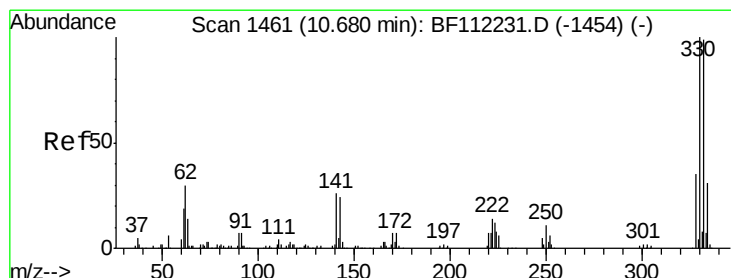
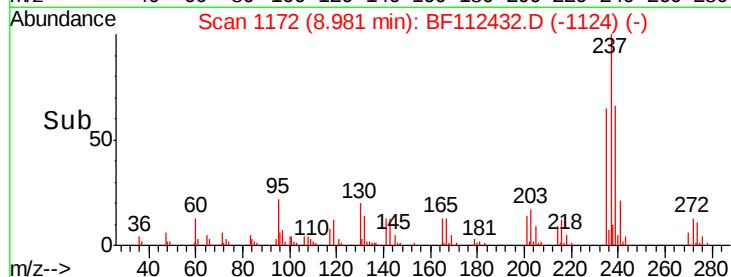
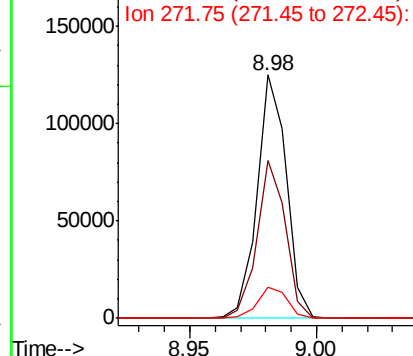
237 100

235 64.7 44.0 84.0

272 12.7 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 81.153 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

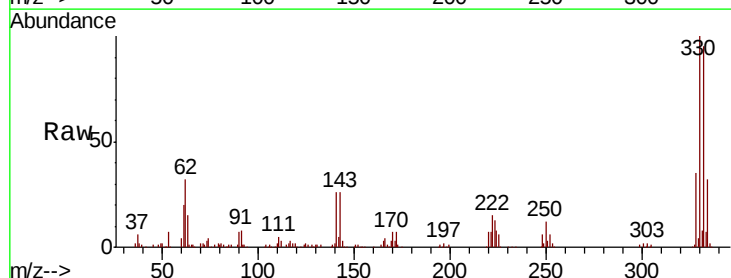
Tgt Ion:330 Resp: 267902

Ion Ratio Lower Upper

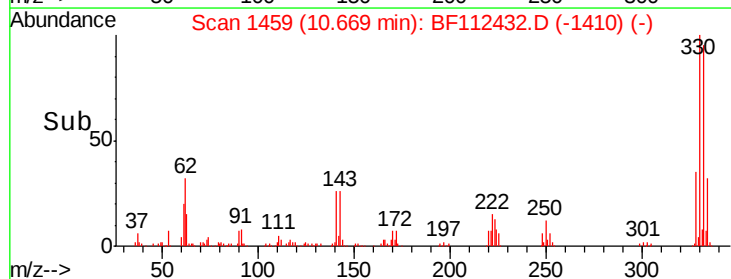
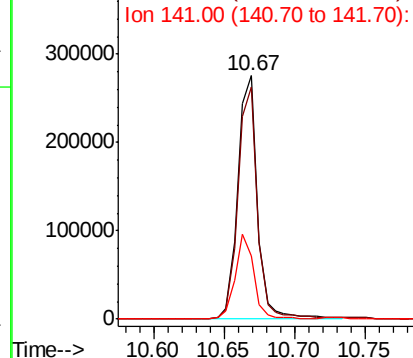
330 100

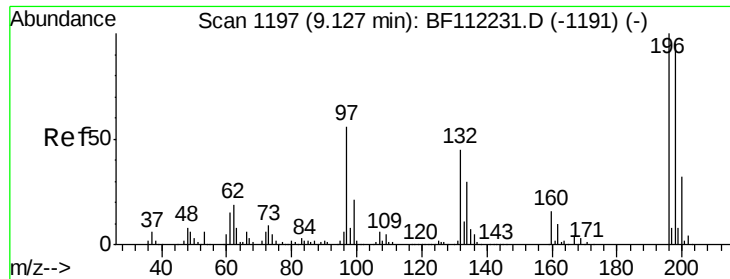
332 96.3 76.6 114.8

141 33.0 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

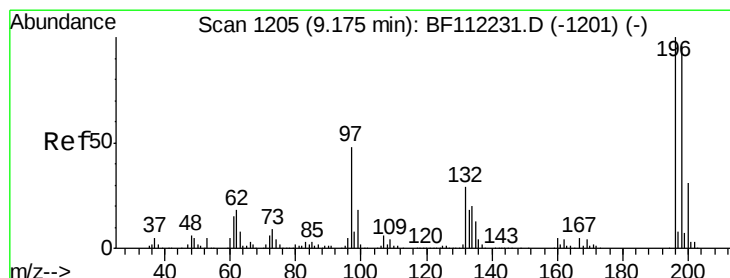
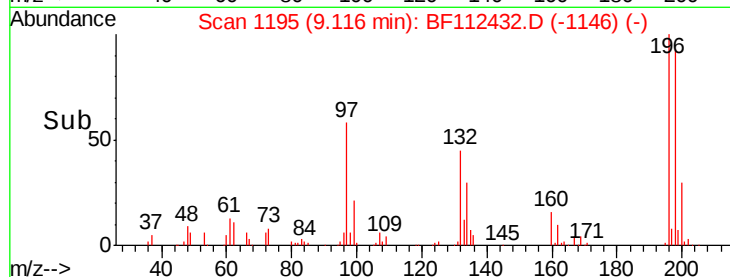
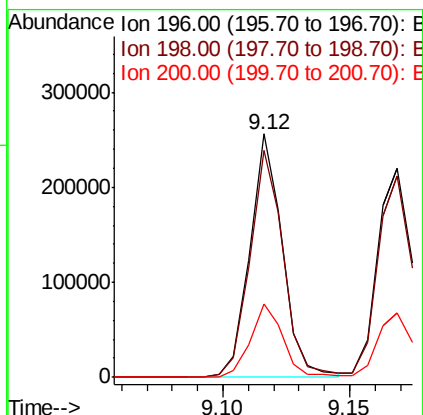
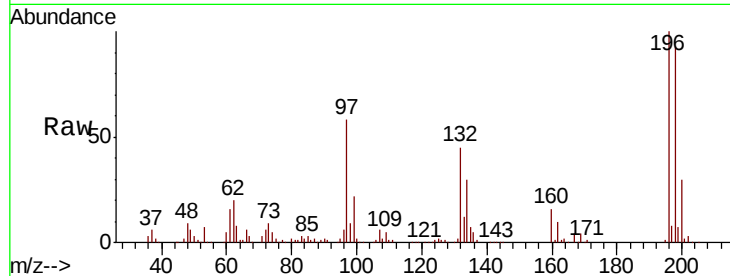




#43
 2,4,6-Trichlorophenol
 Concen: 40.068 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

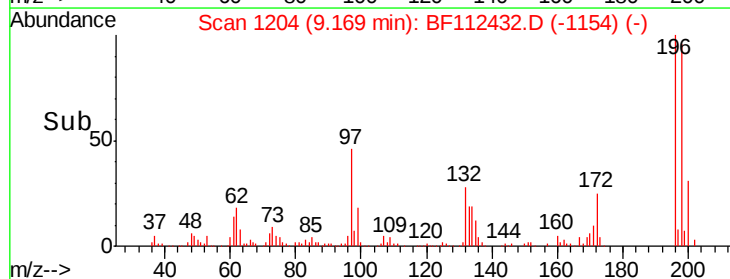
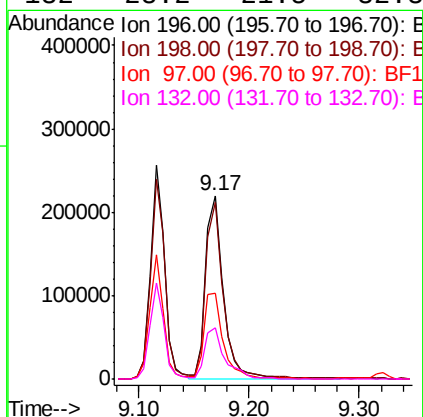
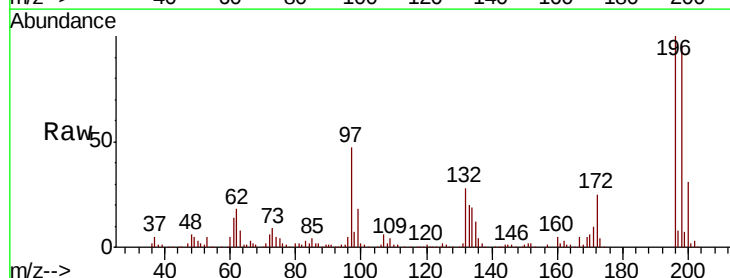
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

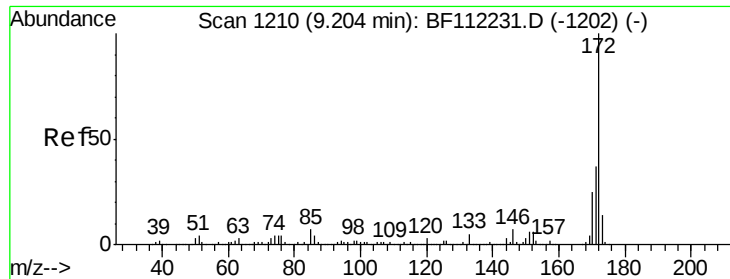
Tot Ion:196 Resp: 229992
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.4
 200 30.4 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.907 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:196 Resp: 239407
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.0 114.0
 97 46.5 36.4 54.6
 132 28.2 21.5 32.3

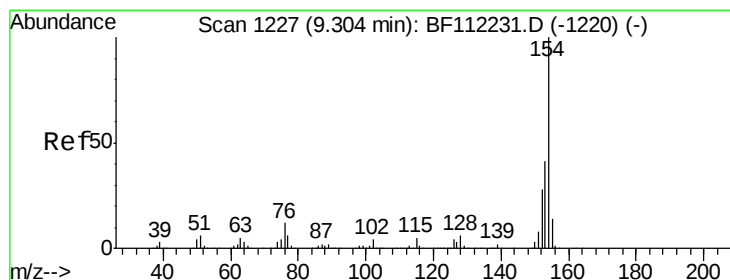
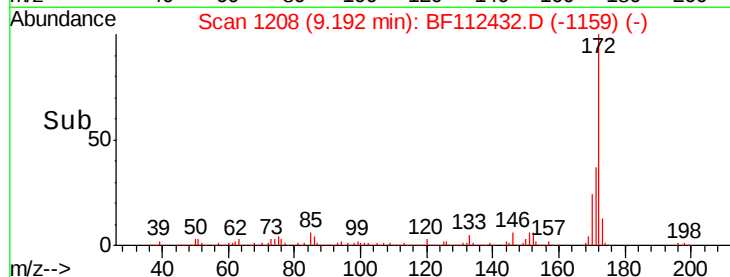
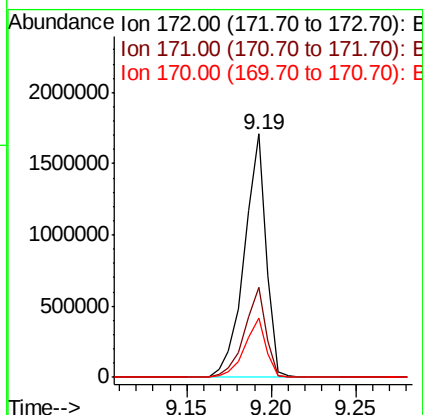
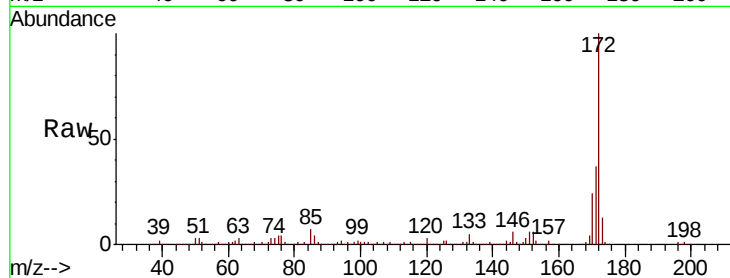




#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

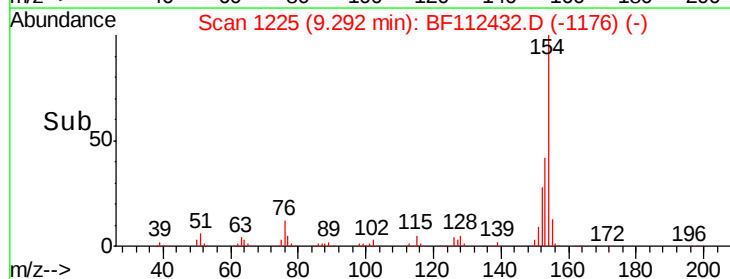
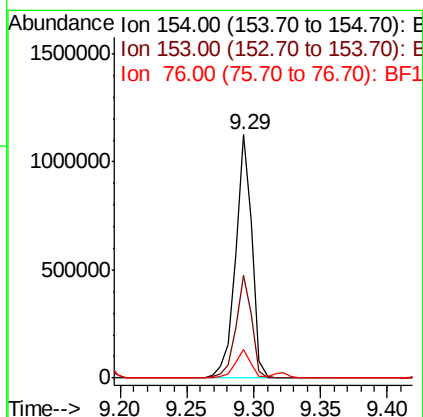
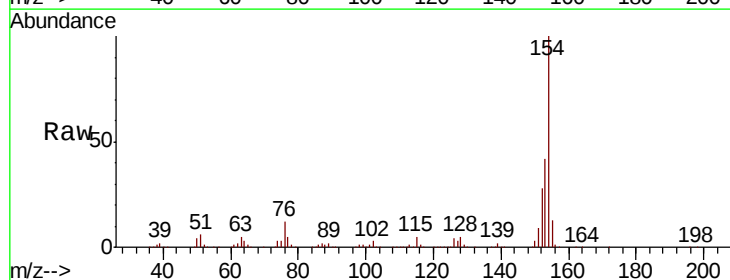
Instrument :
BNA_F
ClientSampleId :
DFTPP

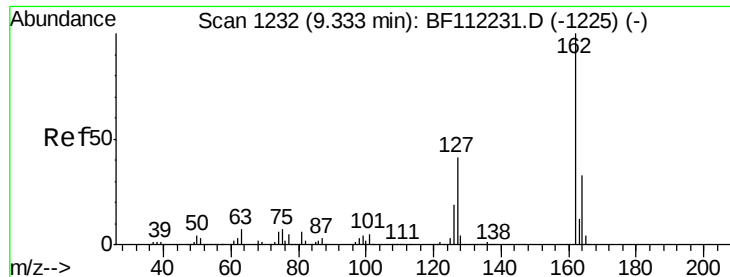
Tot Ion:172 Resp: 1546650
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.264 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:154 Resp: 973533
Ion Ratio Lower Upper
154 100
153 42.2 21.5 61.5
76 12.0 0.0 33.1

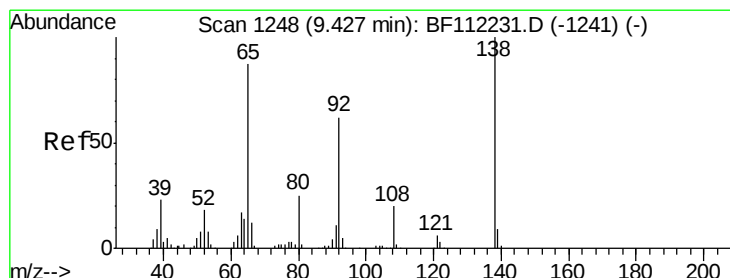
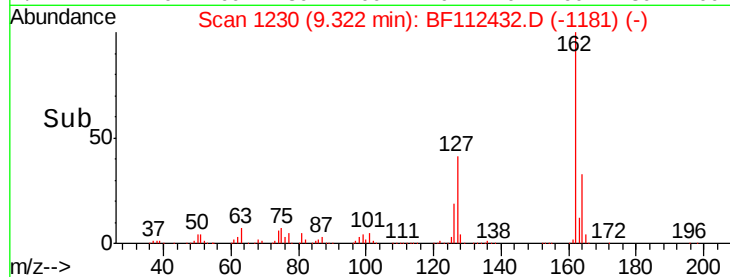
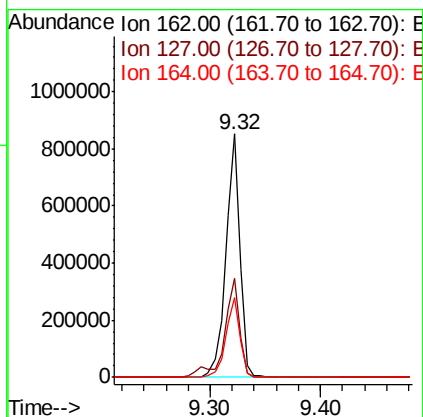
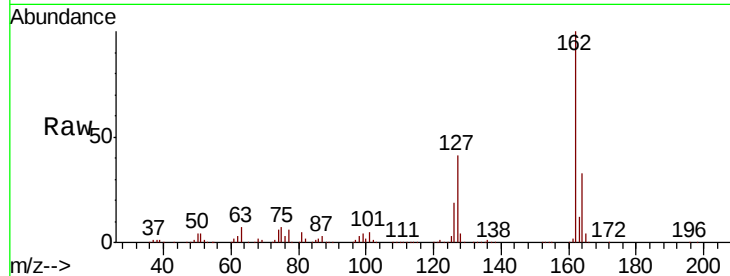




#47
 2-Chloronaphthalene
 Concen: 39.351 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

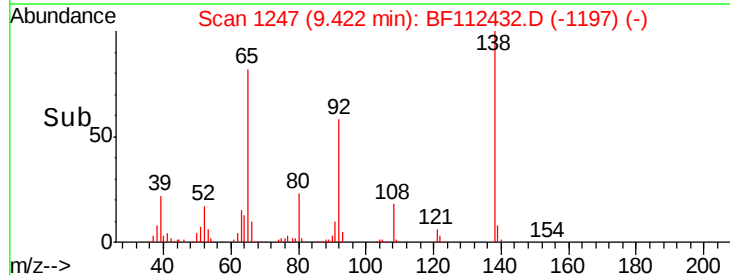
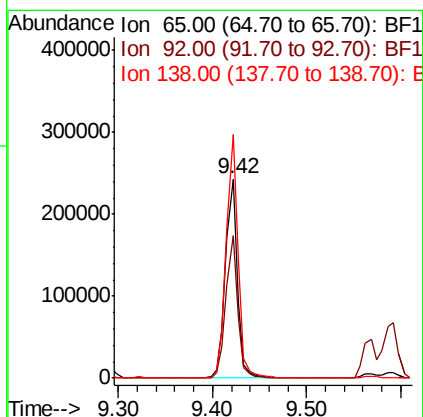
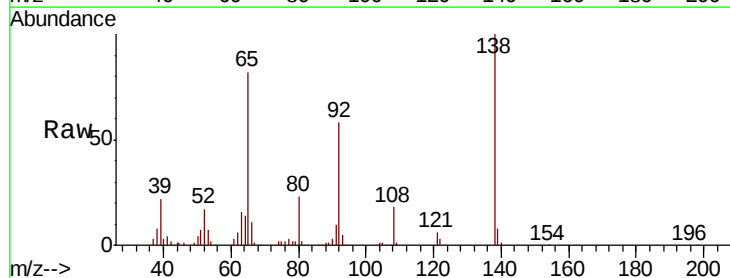
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

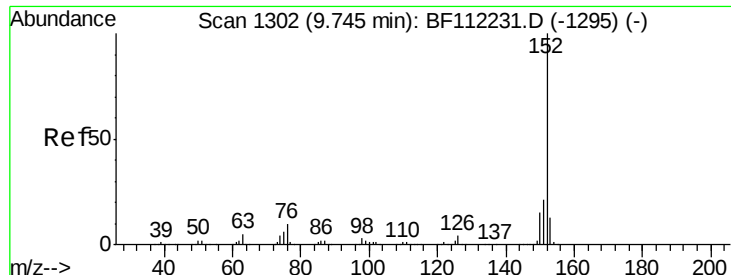
Tot Ion: 162 Resp: 756618
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.4 45.6
 164 33.0 27.4 41.2



#48
 2-Nitroaniline
 Concen: 41.388 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion: 65 Resp: 216898
 Ion Ratio Lower Upper
 65 100
 92 71.4 60.4 90.6
 138 122.4 104.4 156.6





#49

Acenaphthylene

Concen: 39.353 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

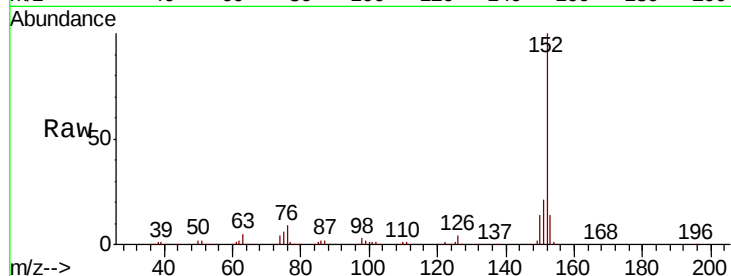
Tot Ion:152 Resp: 1109040

Ion Ratio Lower Upper

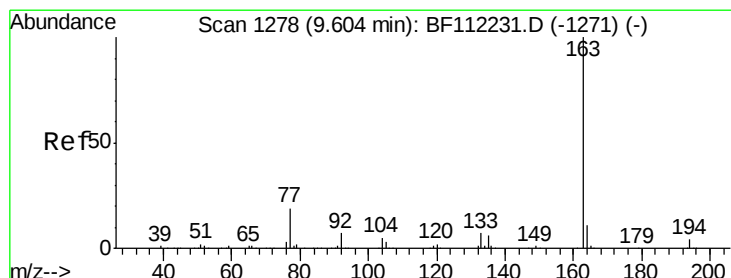
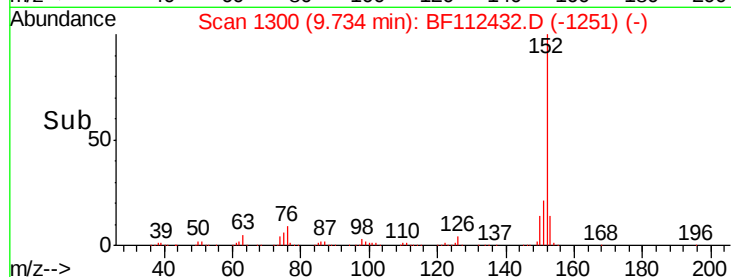
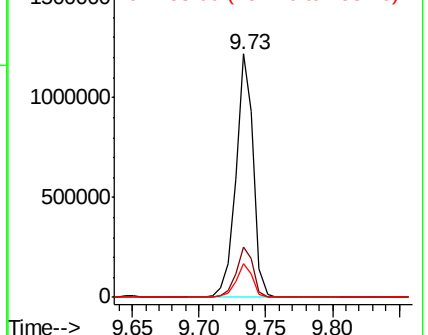
152 100

151 20.8 17.0 25.6

153 13.7 11.2 16.8



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: 38.610 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

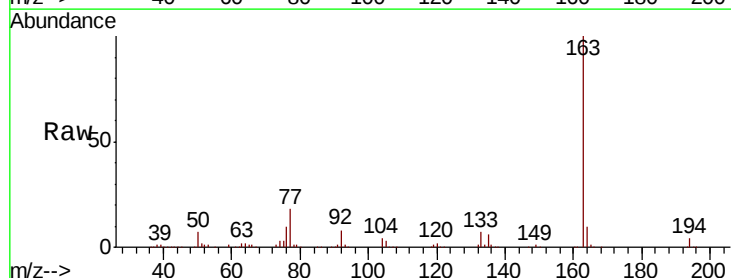
Tgt Ion:163 Resp: 850784

Ion Ratio Lower Upper

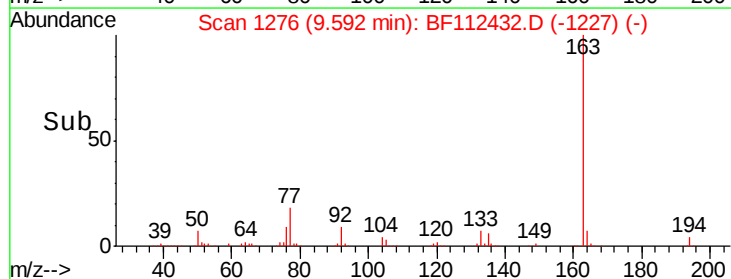
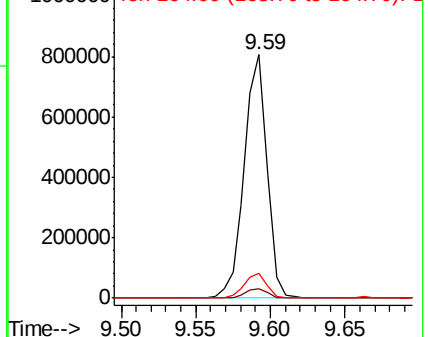
163 100

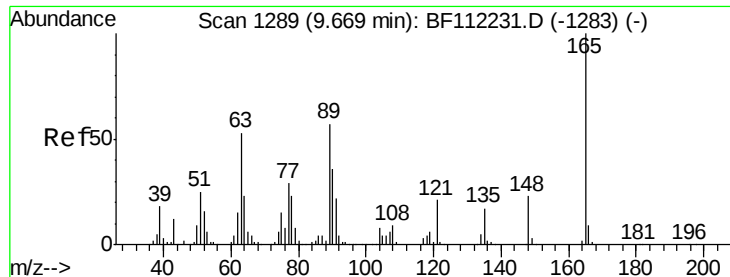
194 4.0 3.3 4.9

164 10.0 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 39.796 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

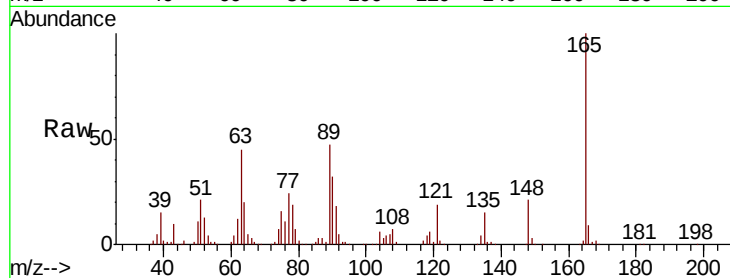
Tot Ion:165 Resp: 196397

Ion Ratio Lower Upper

165 100

63 45.3 33.8 50.8

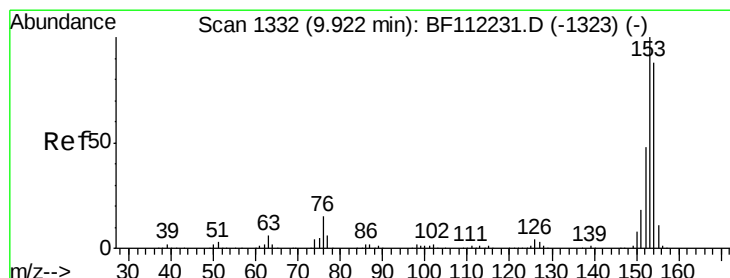
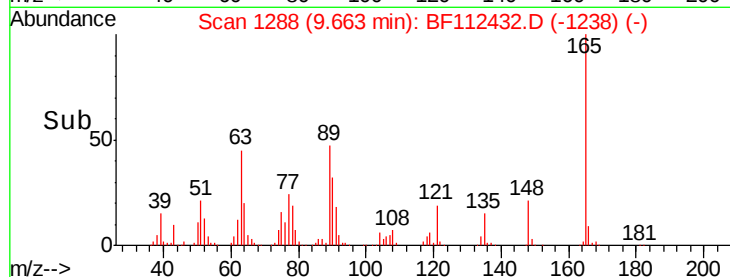
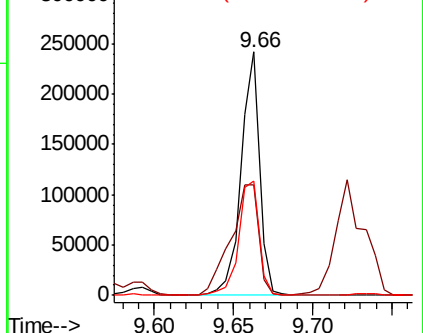
89 47.1 36.9 55.3



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: 39.624 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

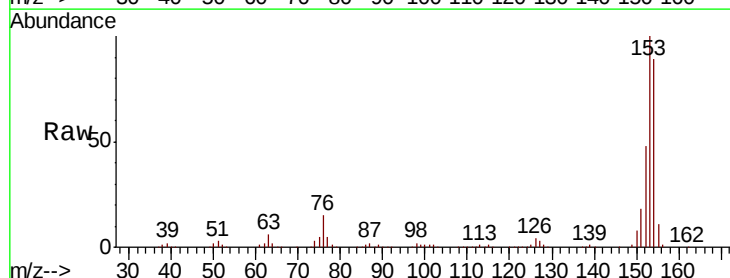
Tgt Ion:154 Resp: 667080

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

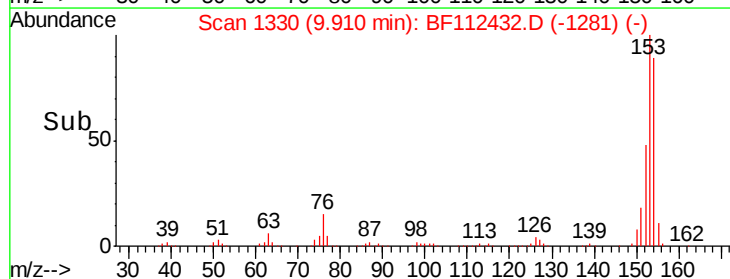
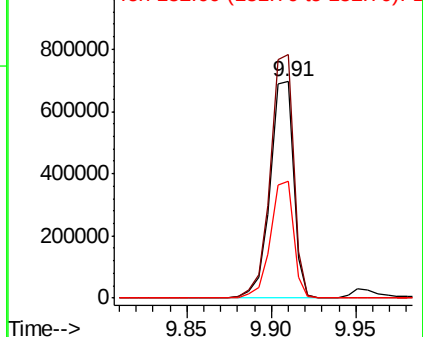
152 54.0 43.5 65.3

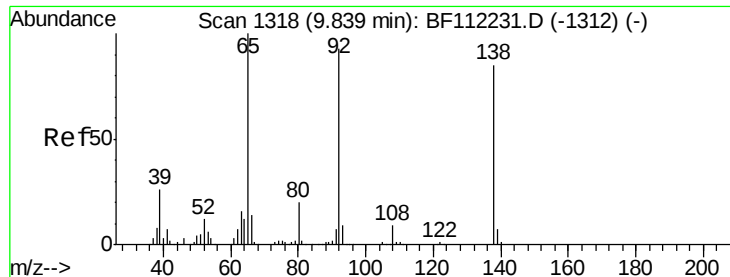


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

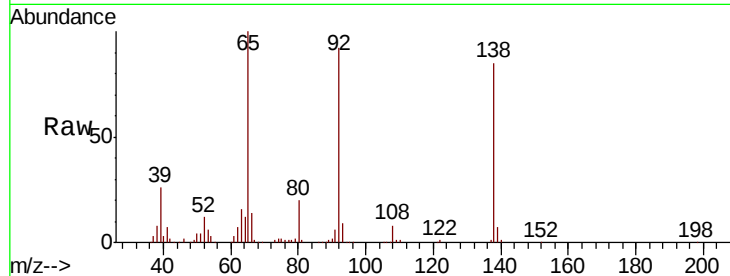




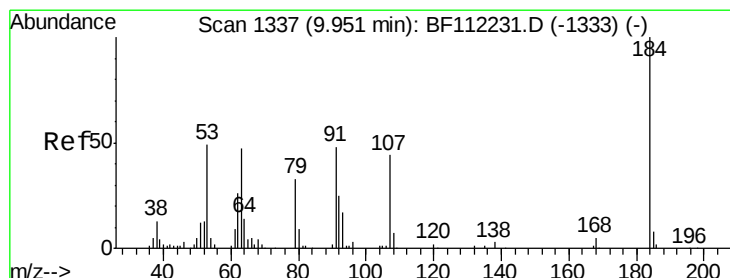
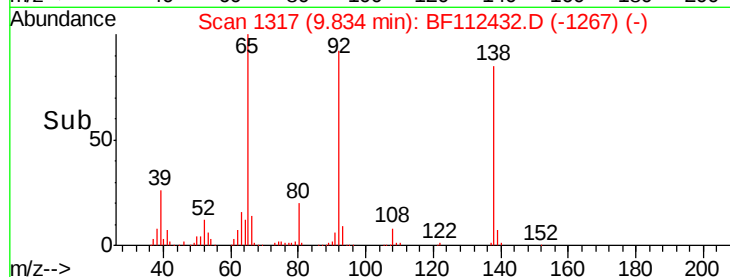
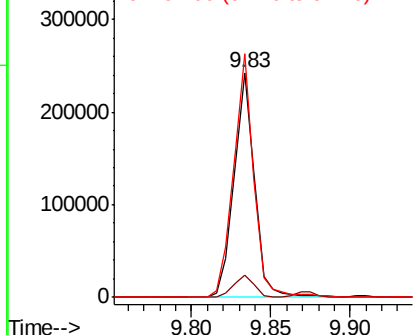
#53
3-Nitroaniline
Concen: 40.978 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:138 Resp: 219092
Ion Ratio Lower Upper
138 100
108 9.8 9.8 14.6
92 108.3 79.4 119.2

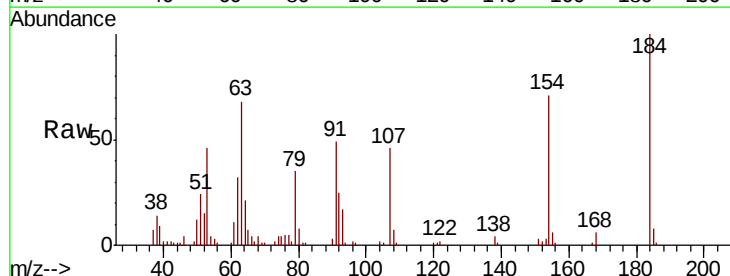


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

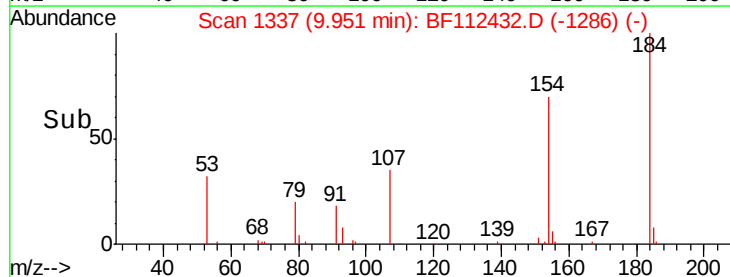
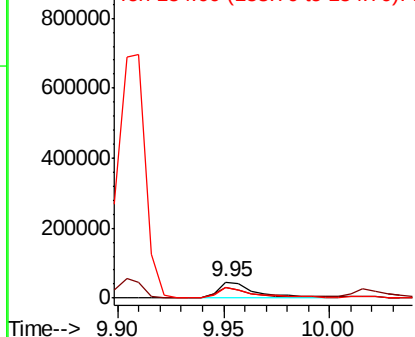


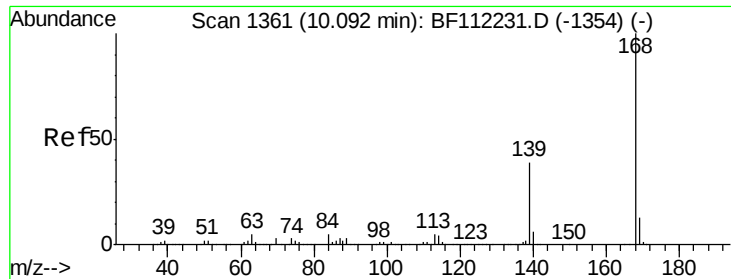
#54
2,4-Dinitrophenol
Concen: 36.925 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:184 Resp: 58482
Ion Ratio Lower Upper
184 100
63 68.4 47.1 70.7
154 70.8 48.9 73.3



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

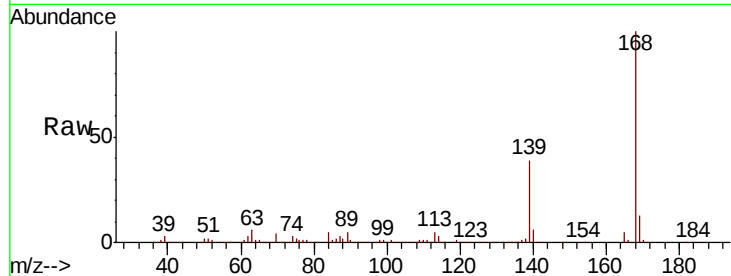




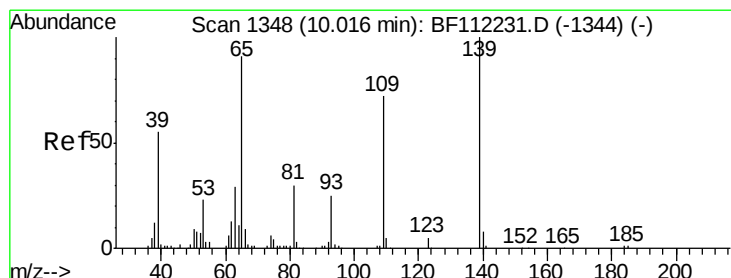
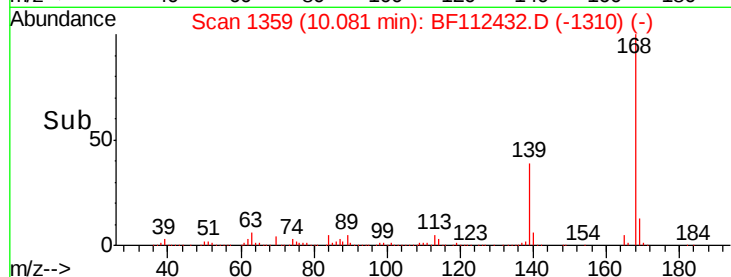
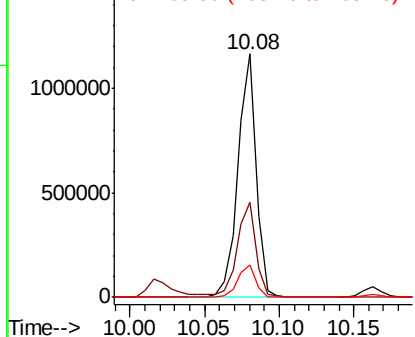
#55
Dibenzenofuran
Concen: 38.996 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:168 Resp: 1003240
Ion Ratio Lower Upper
168 100
139 39.1 29.2 43.8
169 13.1 11.4 17.0

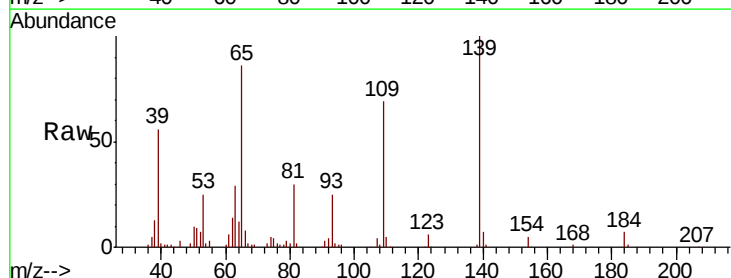


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

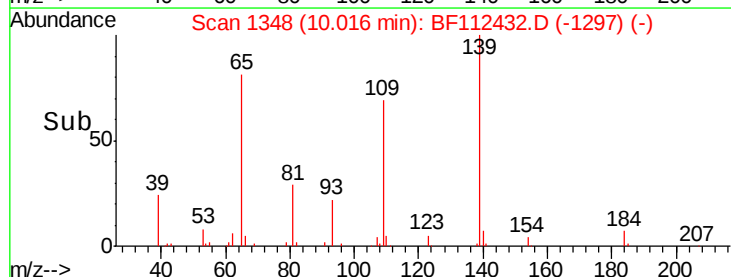
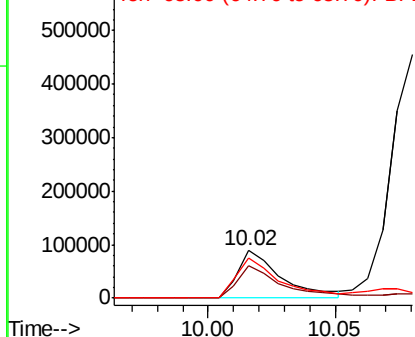


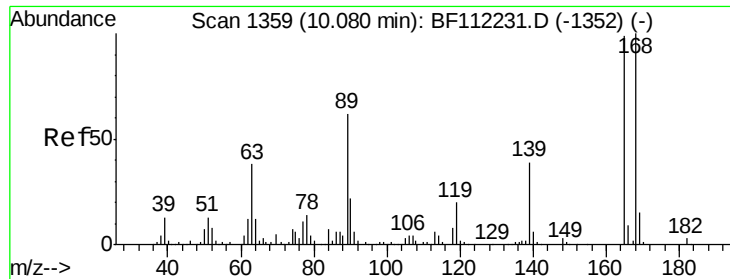
#56
4-Nitrophenol
Concen: 37.207 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:139 Resp: 105172
Ion Ratio Lower Upper
139 100
109 69.1 42.8 82.8
65 85.7 66.1 106.1



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

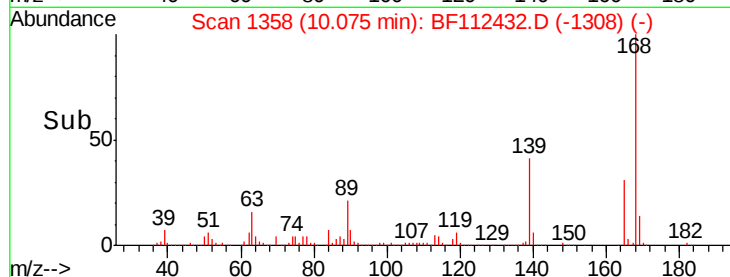
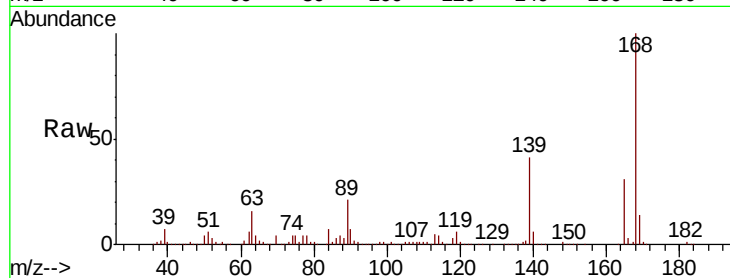




#57
2,4-Dinitrotoluene
Concen: 40.308 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	27.9	41.9#
89	69.2	47.9	71.9
182	2.7	2.2	3.4



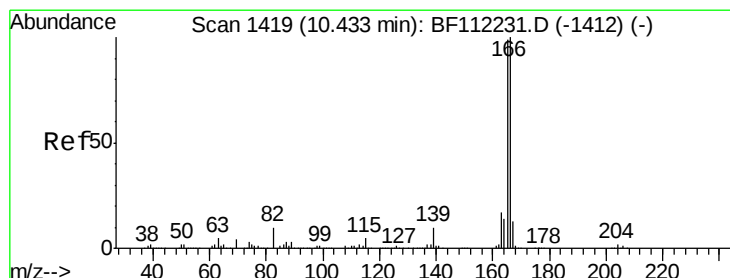
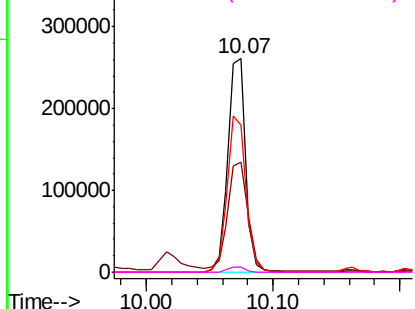
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

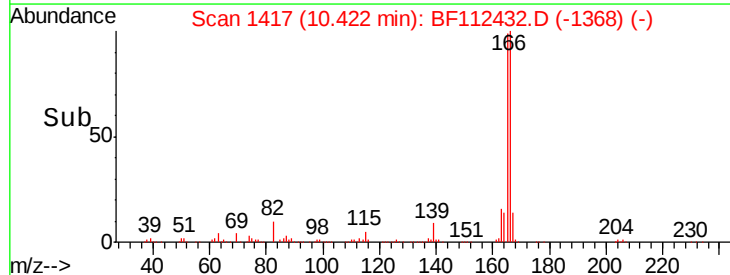
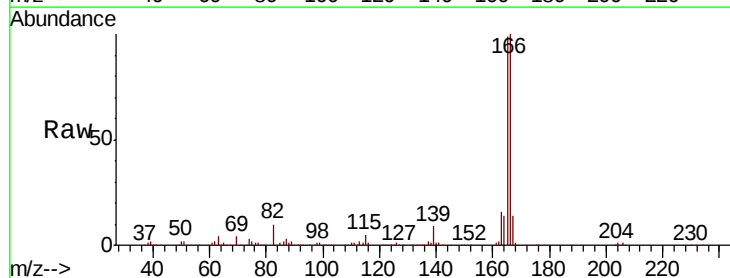
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.114 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.1	115.7
167	13.8	11.3	16.9

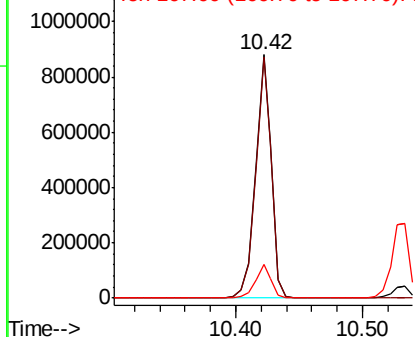


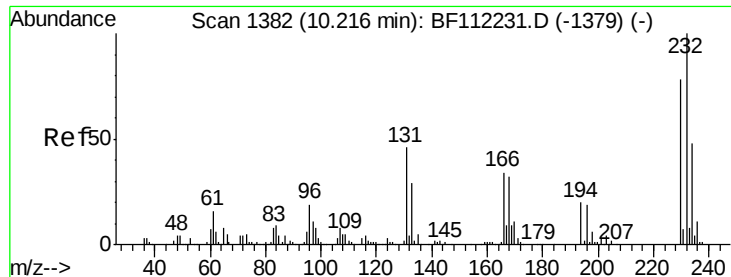
Abundance

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

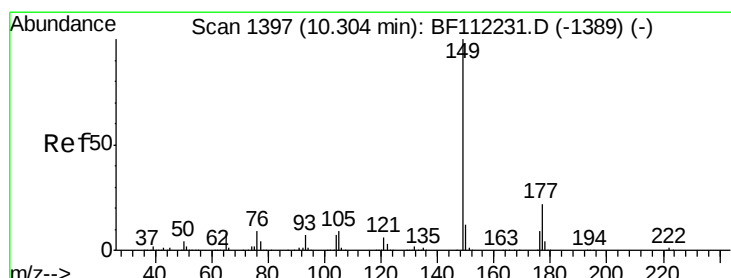
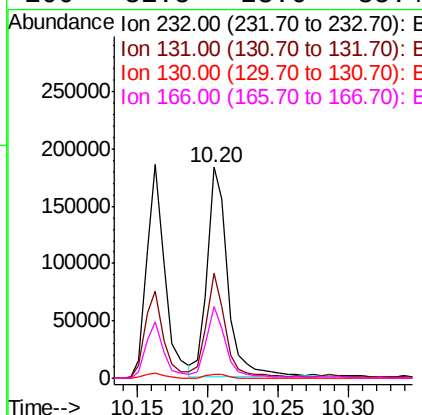
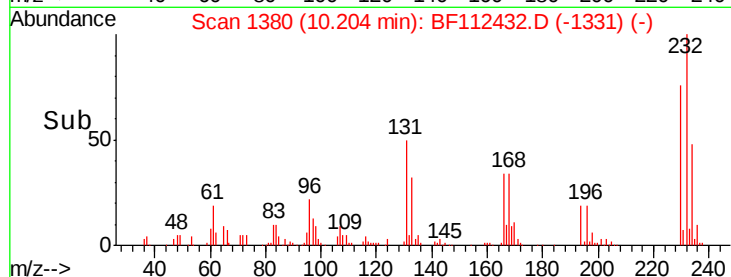
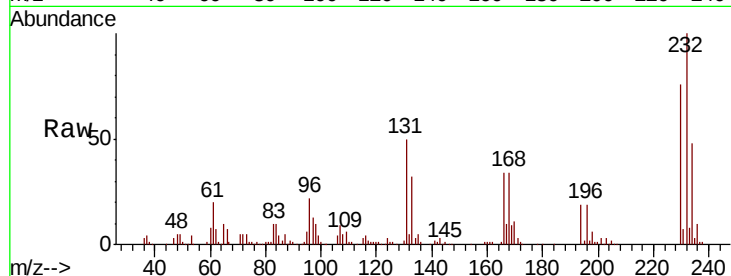




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.432 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

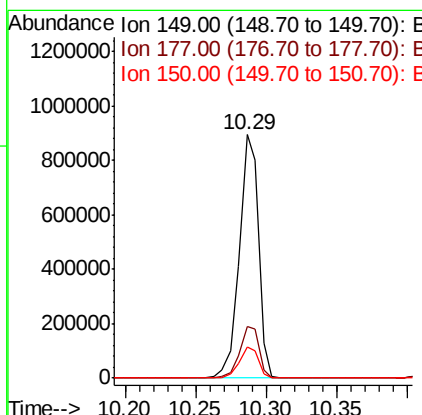
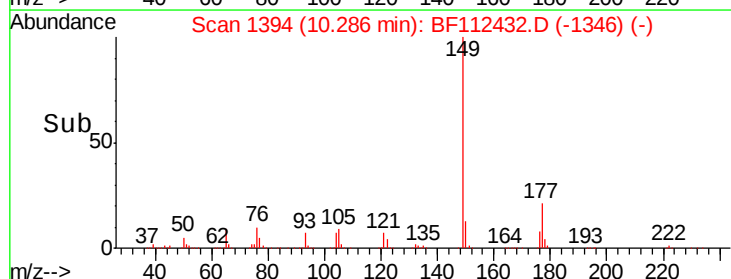
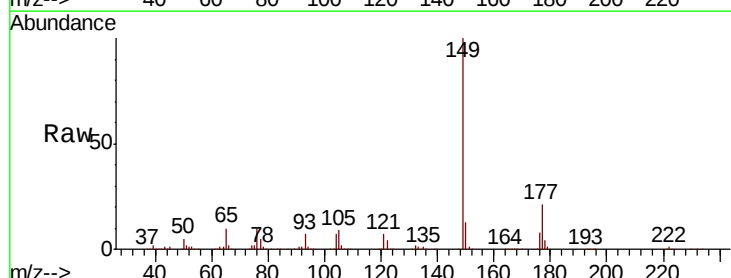
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

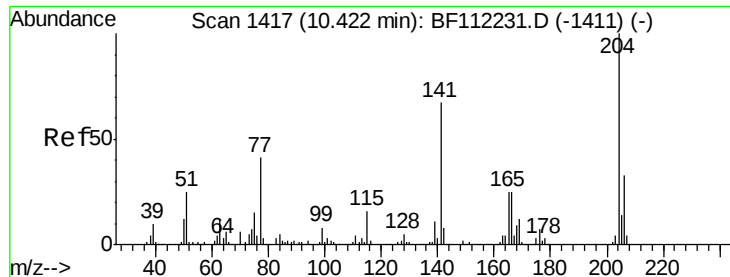
Tot Ion:232 Resp: 187835
 Ion Ratio Lower Upper
 232 100
 131 47.4 33.9 50.9
 130 2.3 1.8 2.6
 166 31.5 23.6 35.4



#60
 Diethylphthalate
 Concen: 38.562 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:149 Resp: 843274
 Ion Ratio Lower Upper
 149 100
 177 21.2 18.2 27.2
 150 12.7 10.4 15.6

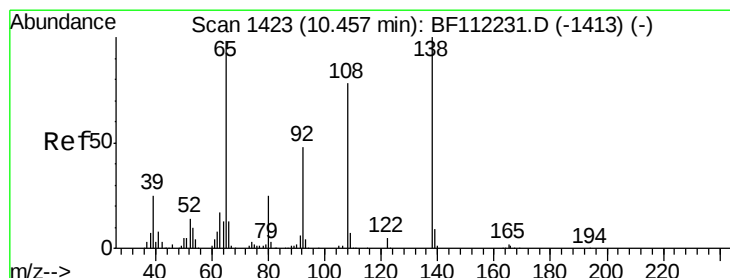
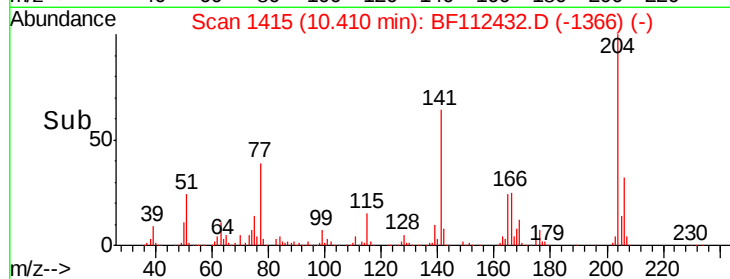
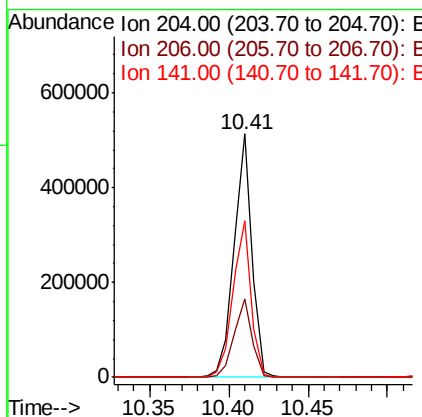
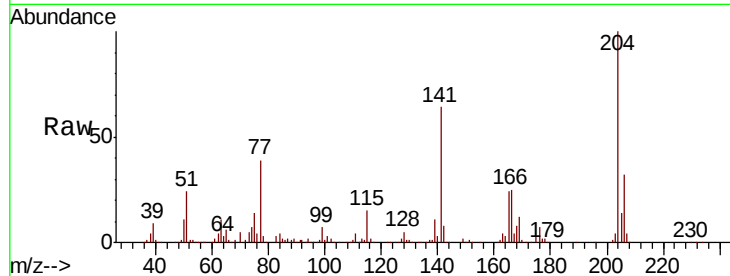




#61
 4-Chlorophenyl-phenylether
 Concen: 38.630 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

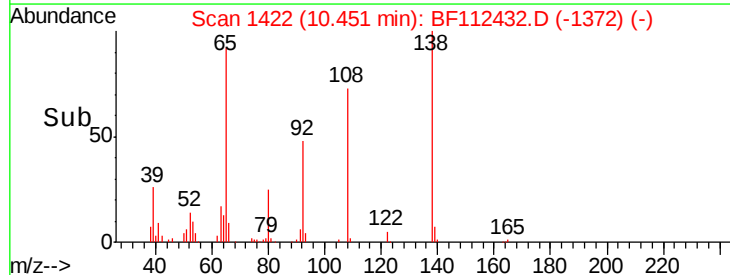
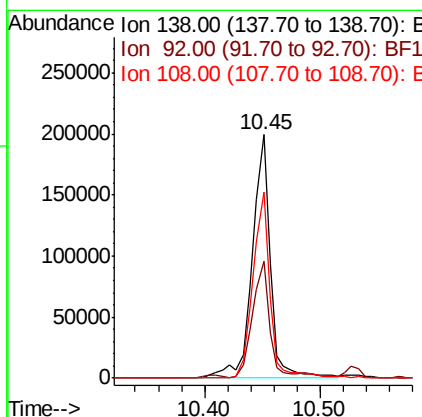
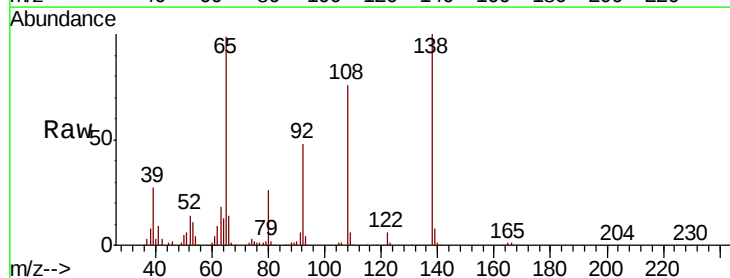
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

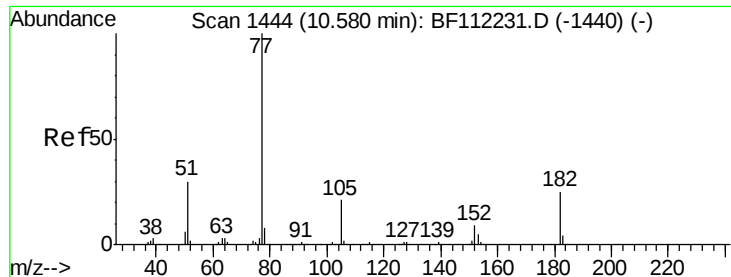
Tot Ion:	204	Resp:	404554
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	64.2	45.9	68.9



#62
 4-Nitroaniline
 Concen: 41.577 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:	138	Resp:	218040
Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.6	70.6
108	76.2	50.0	90.0





#63

Azobenzene

Concen: 39.185 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion: 77 Resp: 753624

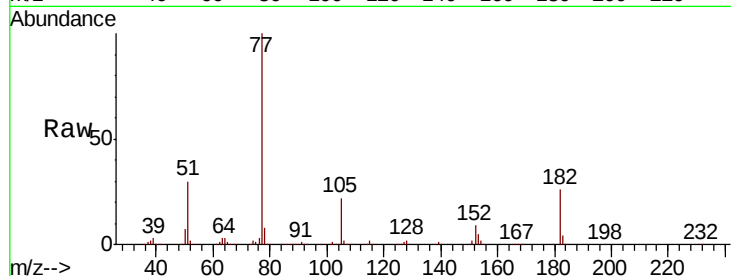
Ion Ratio Lower Upper

77 100

182 26.2 5.7 45.7

105 21.6 1.4 41.4

51 29.9 9.5 49.5

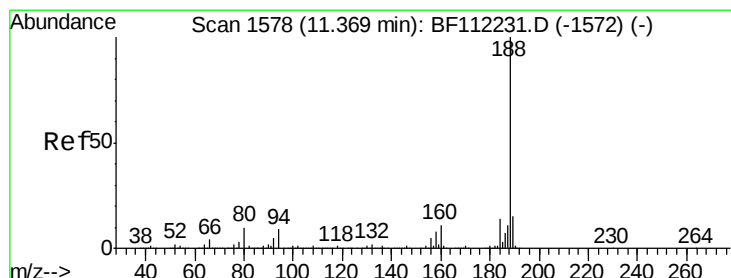
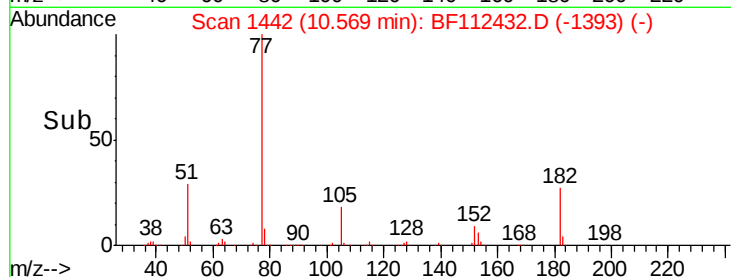
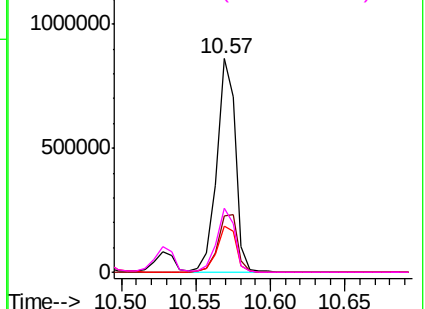


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

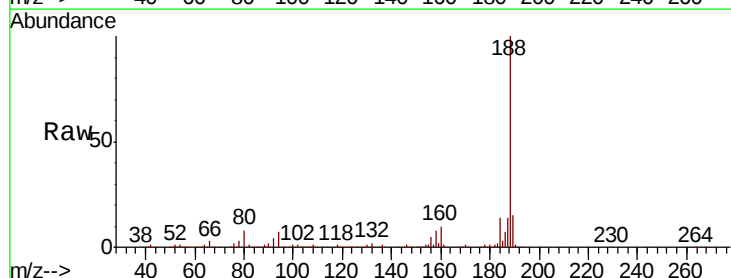
Tgt Ion: 188 Resp: 548387

Ion Ratio Lower Upper

188 100

94 7.2 8.2 12.2#

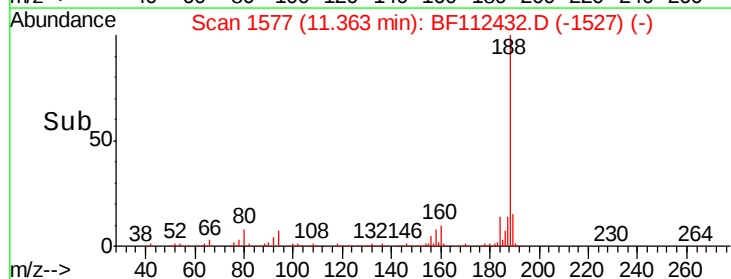
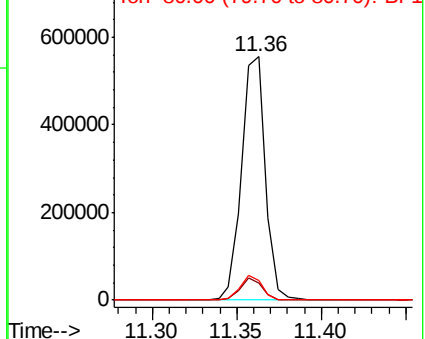
80 8.1 8.9 13.3#

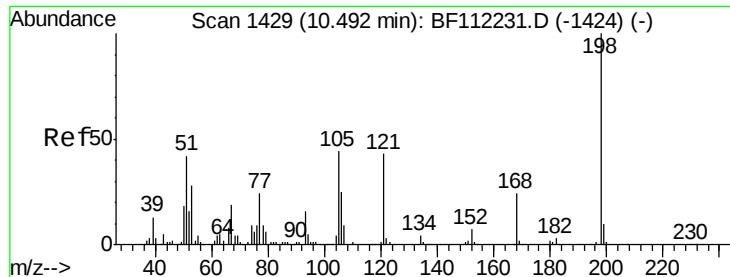


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

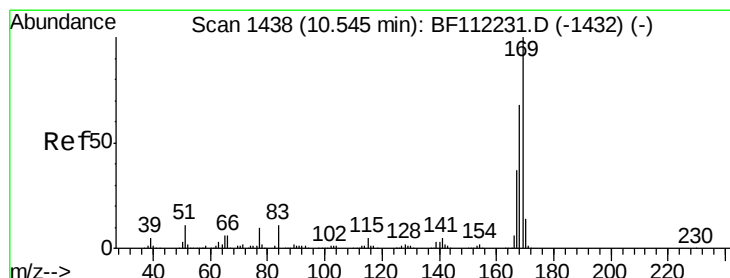
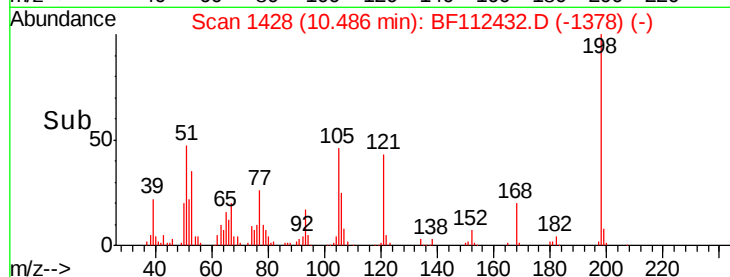
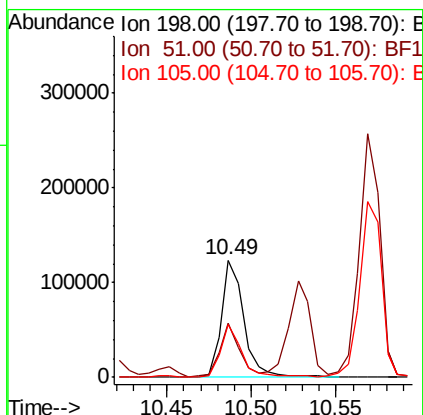
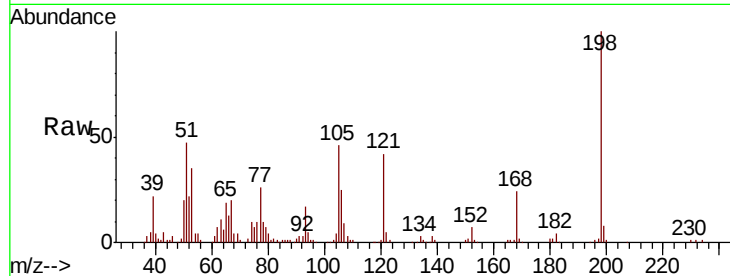




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.696 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

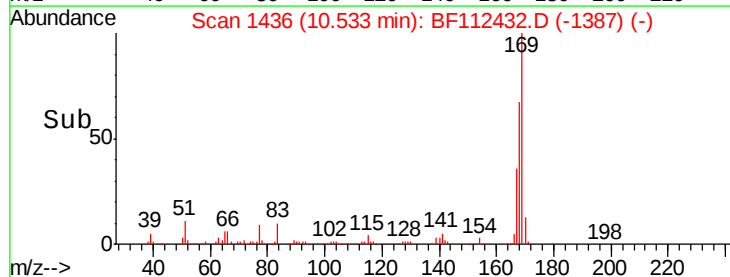
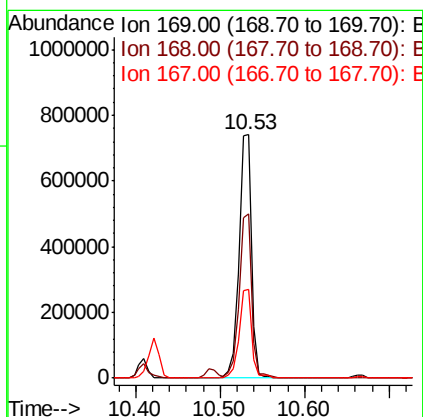
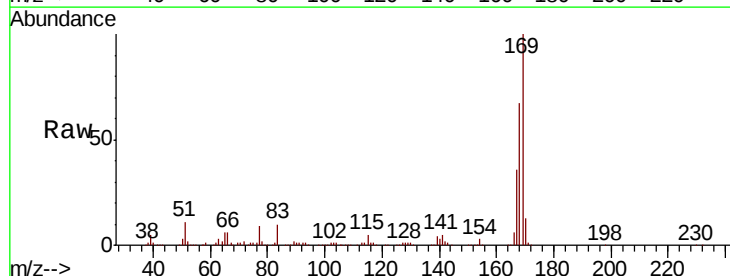
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

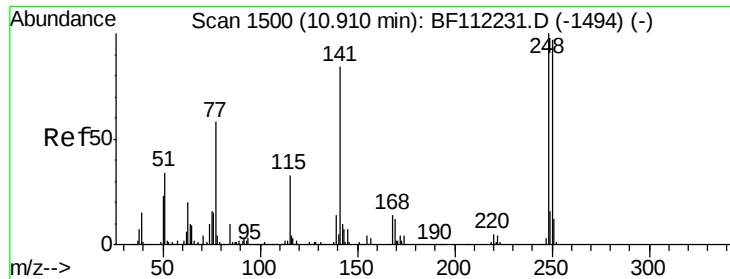
Tot Ion:198 Resp: 115901
 Ion Ratio Lower Upper
 198 100
 51 46.8 17.2 57.2
 105 45.5 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 39.989 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:169 Resp: 739091
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.9 80.9
 167 36.3 28.9 43.3

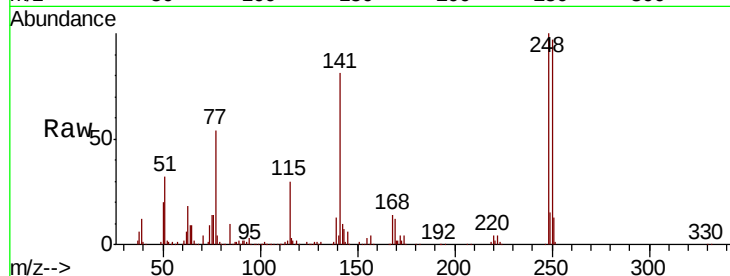




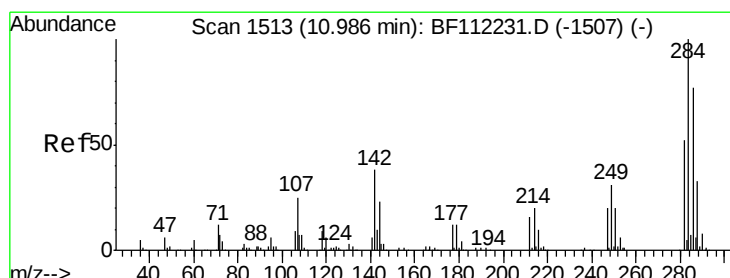
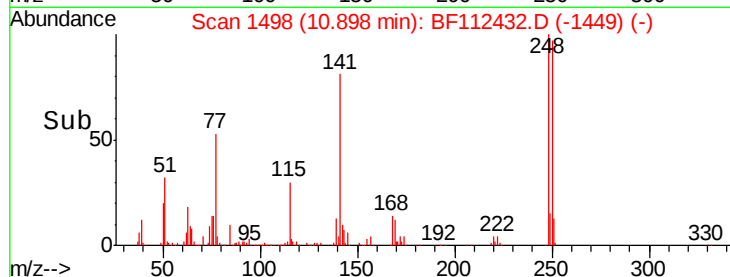
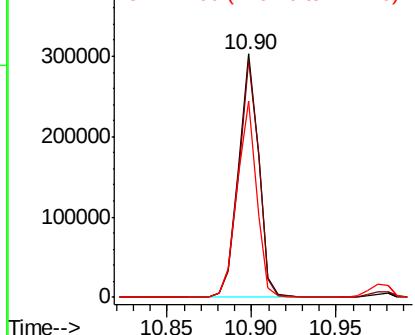
#67
4-Bromophenyl-phenylether
Concen: 38.840 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:248 Resp: 250512
Ion Ratio Lower Upper
248 100
250 97.5 79.7 119.5
141 80.7 60.3 90.5

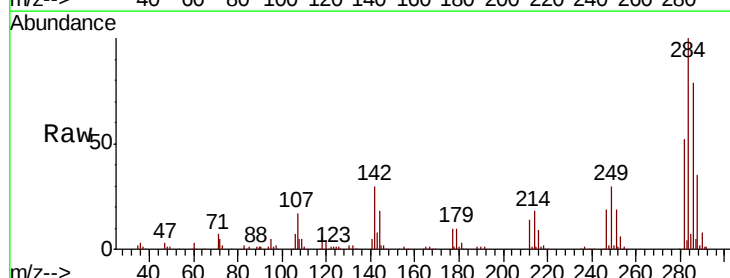


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

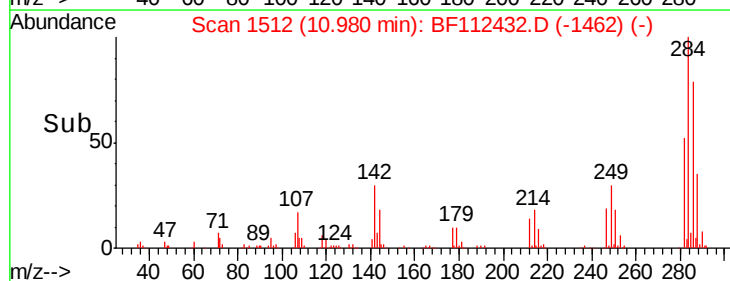
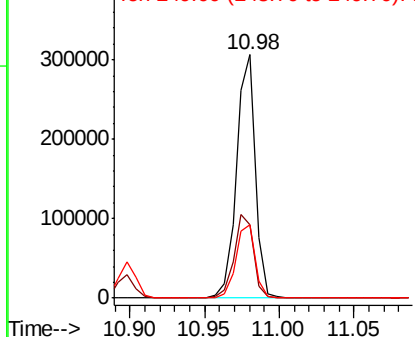


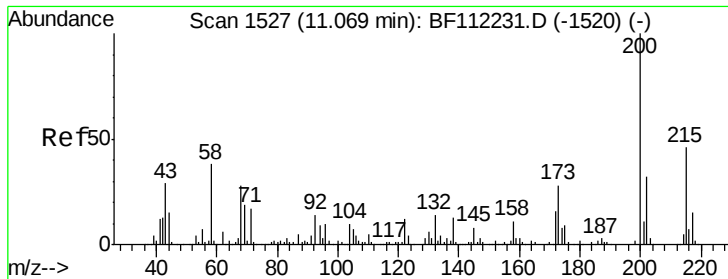
#68
Hexachlorobenzene
Concen: 39.273 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:284 Resp: 271762
Ion Ratio Lower Upper
284 100
142 29.9 27.6 41.4
249 29.9 24.1 36.1



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

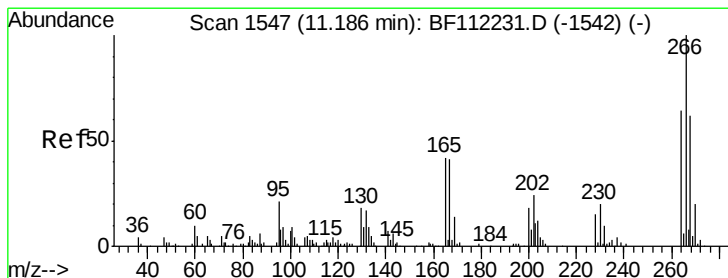
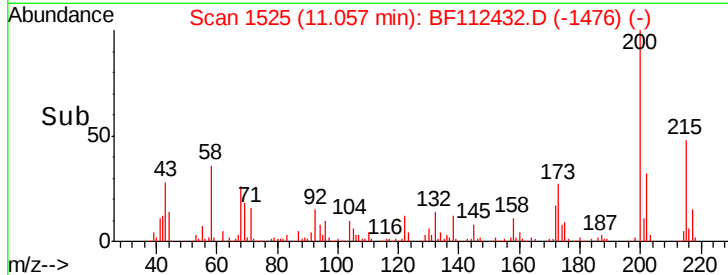
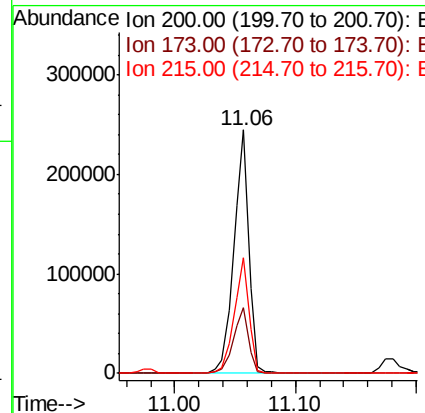
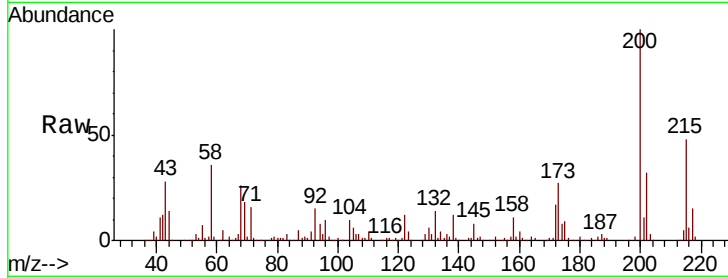




#69
 Atrazine
 Concen: 35.144 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

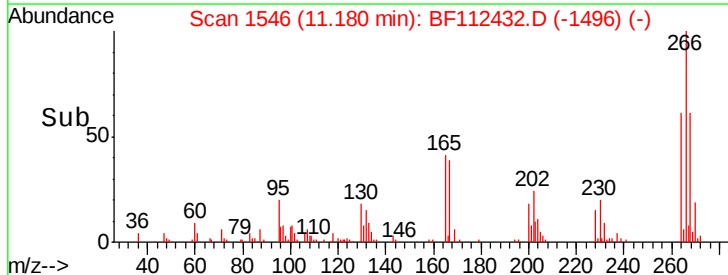
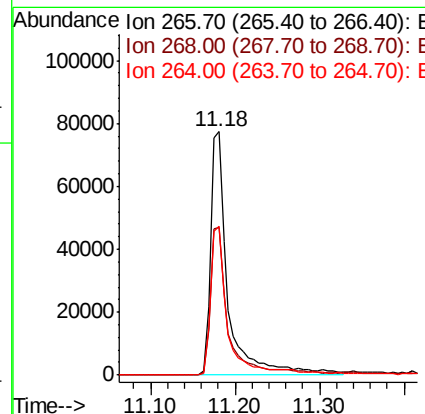
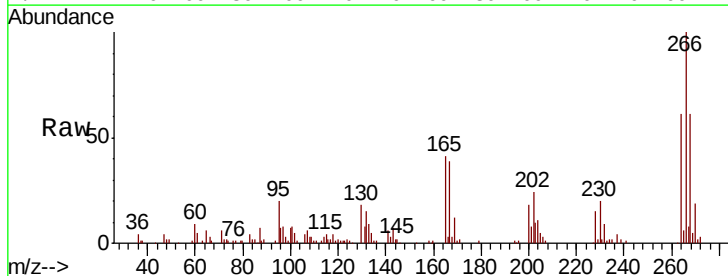
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

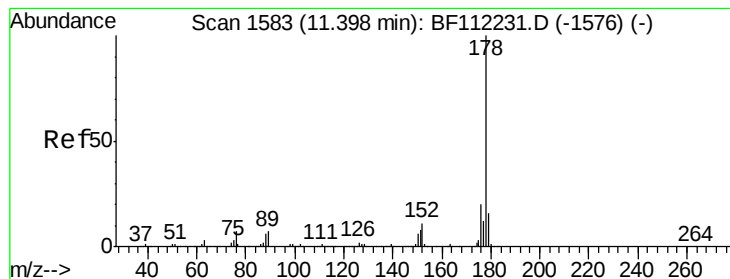
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.1	47.1
215	47.5	30.4	70.4



#70
 Pentachlorophenol
 Concen: 41.329 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.2	76.8
264	61.2	50.9	76.3





#71

Phenanthrene

Concen: 39.135 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

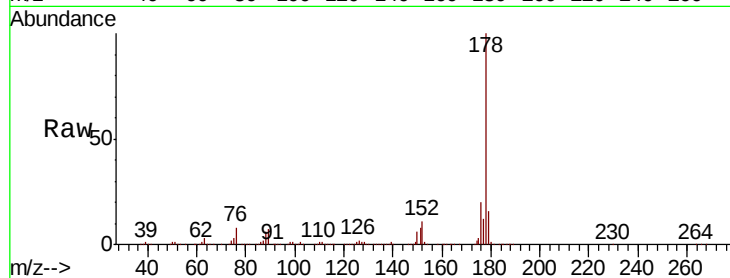
Tot Ion:178 Resp: 1115732

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

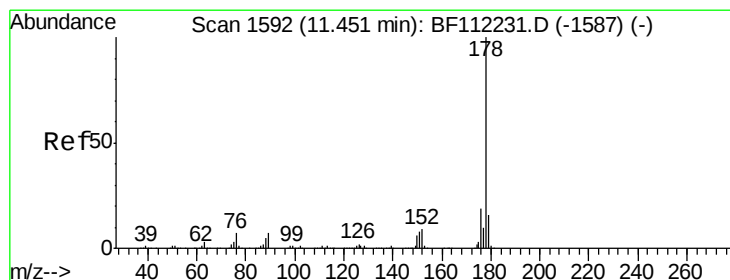
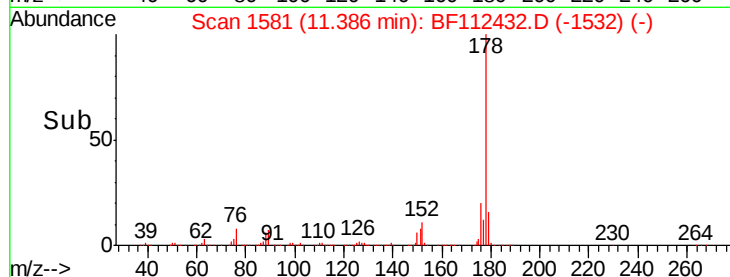
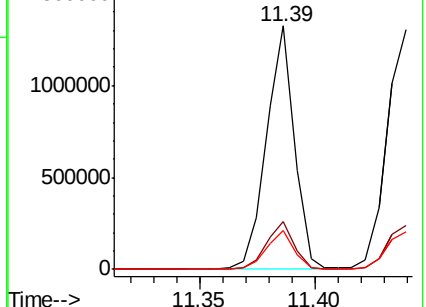
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.028 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

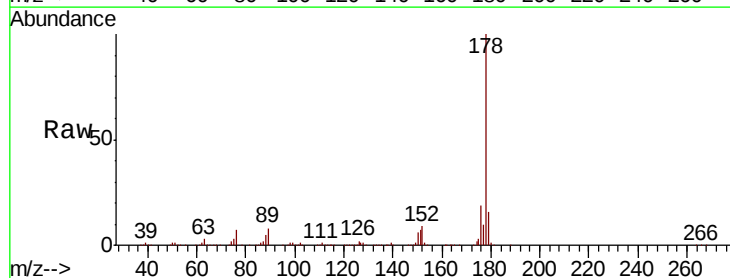
Tgt Ion:178 Resp: 1136776

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

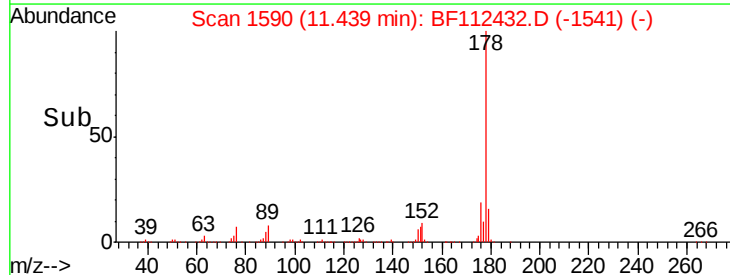
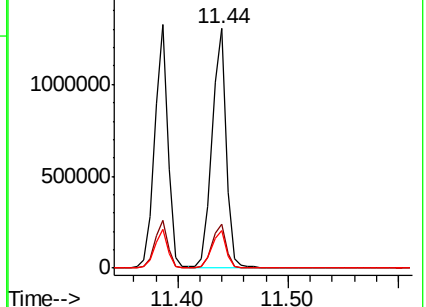
179 15.7 12.8 19.2

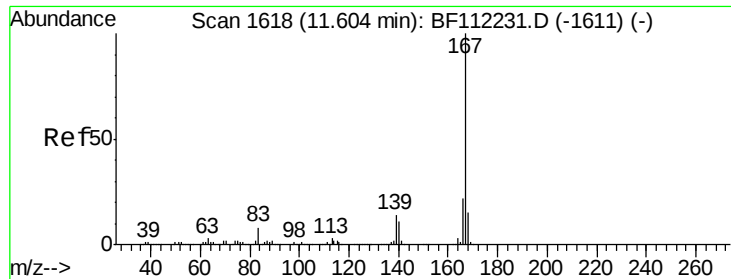


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.768 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

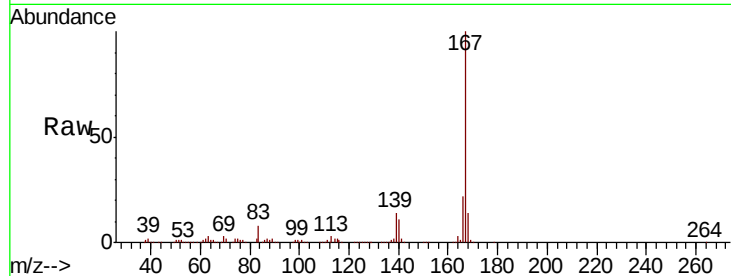
Tot Ion:167 Resp: 1142050

Ion Ratio Lower Upper

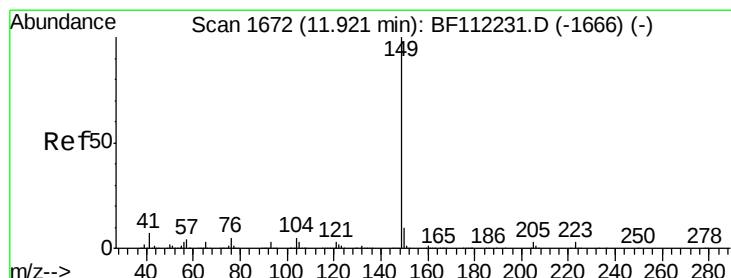
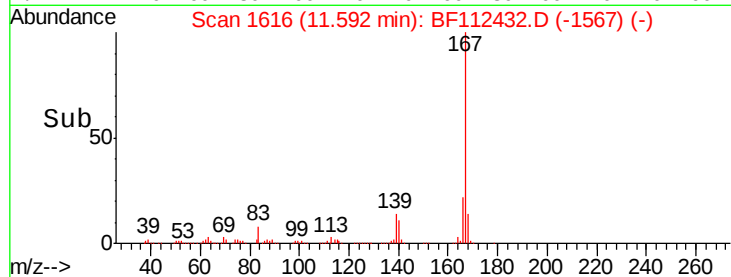
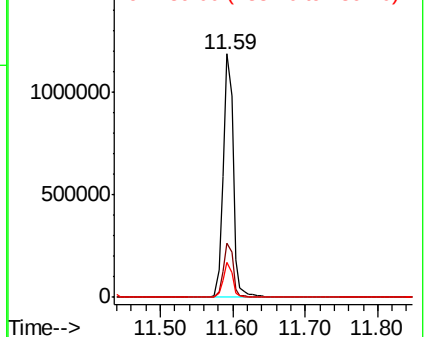
167 100

166 22.0 17.9 26.9

139 14.2 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.542 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

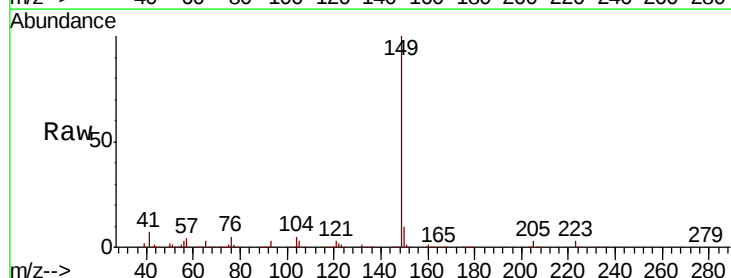
Tgt Ion:149 Resp: 1305402

Ion Ratio Lower Upper

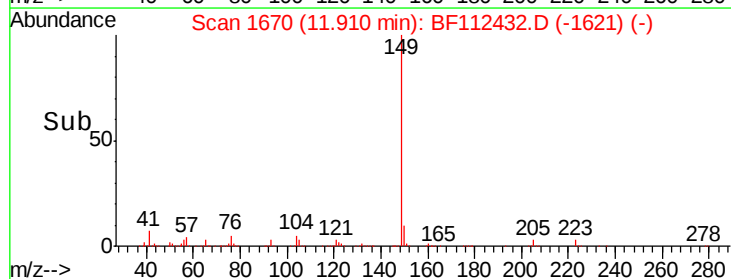
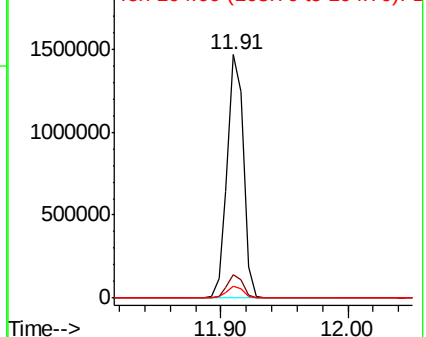
149 100

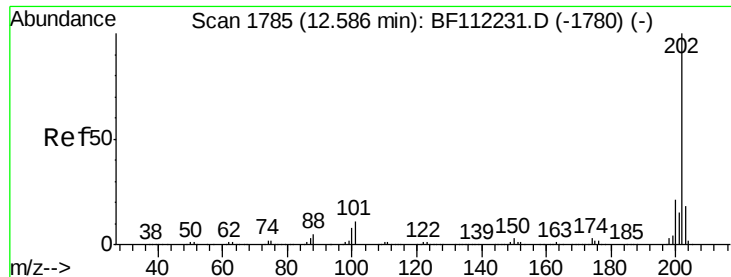
150 9.7 8.1 12.1

104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

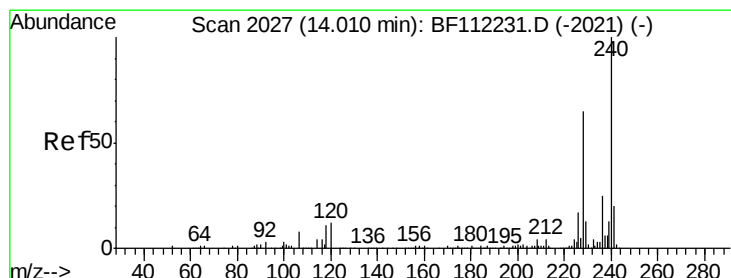
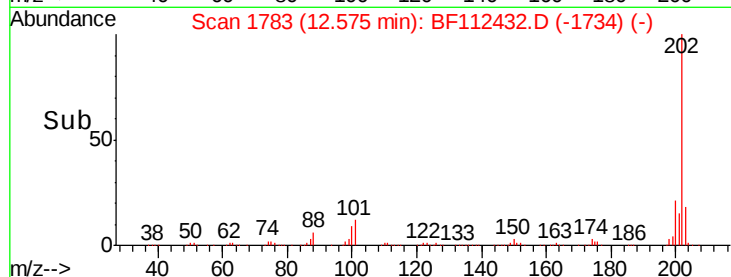
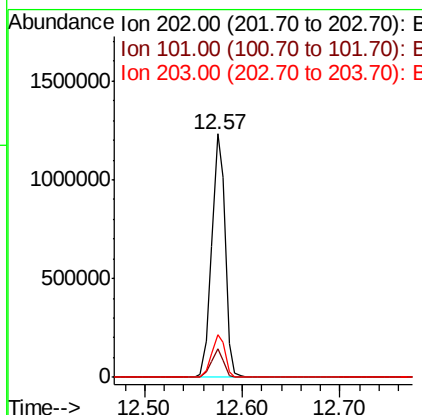
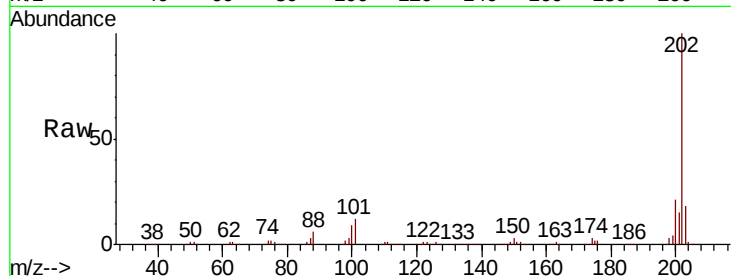




#75
 Fluoranthene
 Concen: 38.439 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

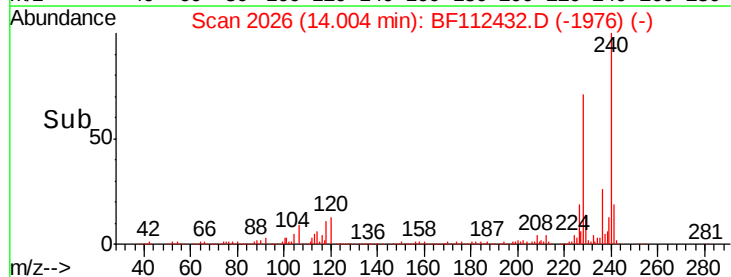
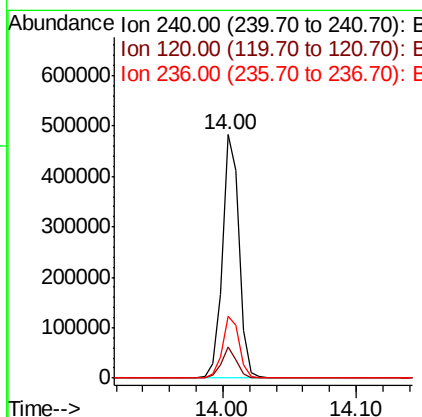
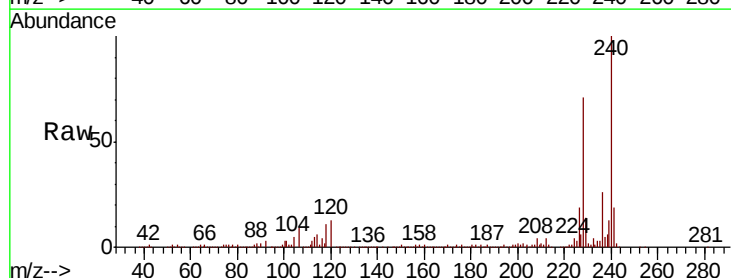
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

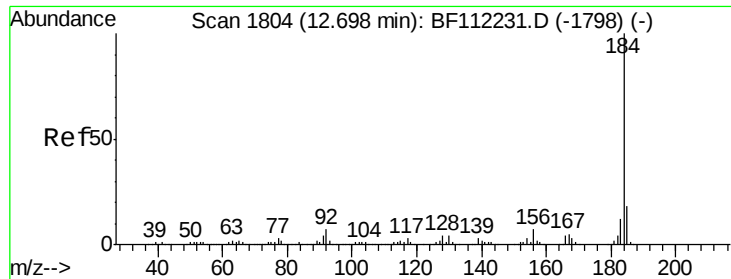
Tot Ion:202 Resp: 1175406
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.8
 203 17.7 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion:240 Resp: 426546
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.0 13.6
 236 25.5 20.7 31.1





#77

Benzidine

Concen: 36.946 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

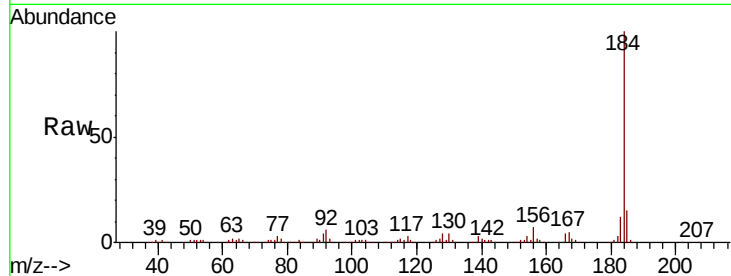
Tot Ion:184 Resp: 433744

Ion Ratio Lower Upper

184 100

185 15.2 13.9 20.9

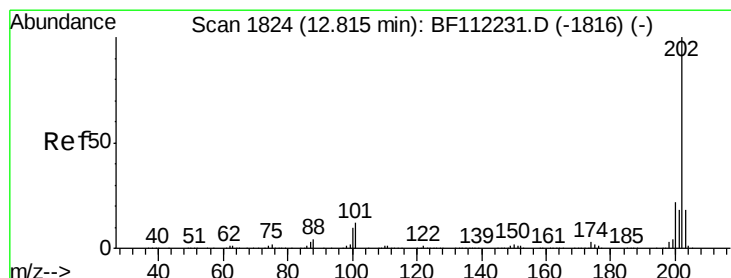
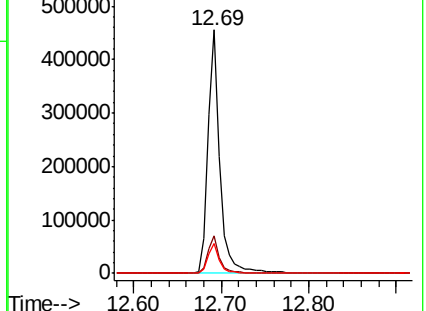
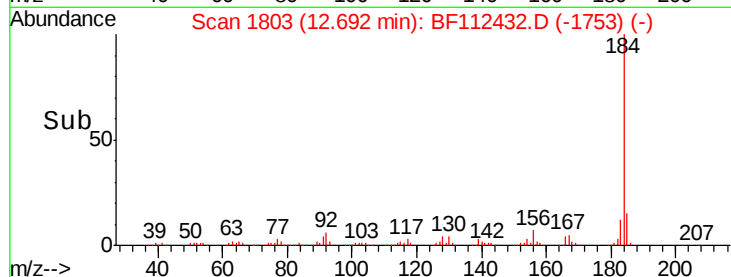
183 12.2 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.961 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

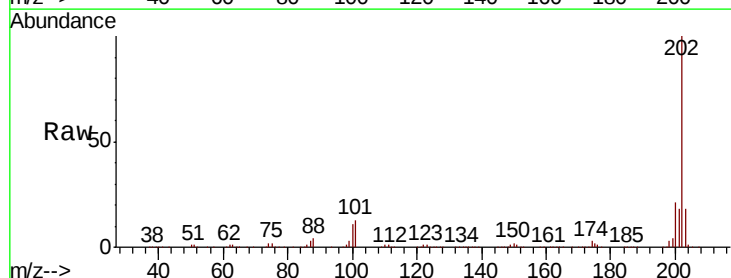
Tgt Ion:202 Resp: 1209646

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

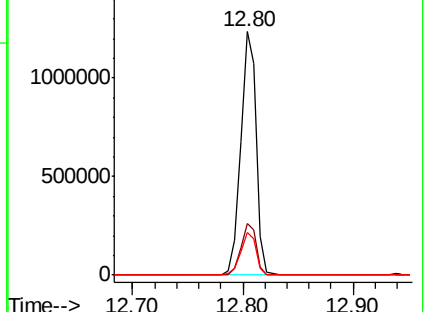
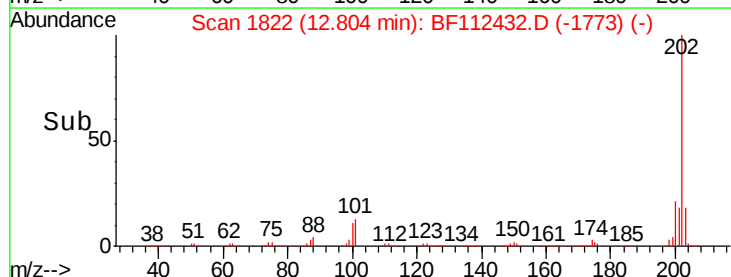
203 17.7 14.6 22.0

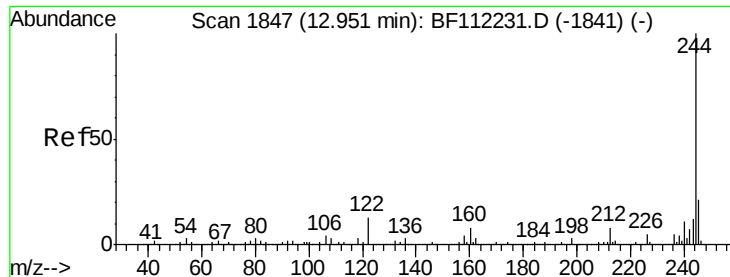


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.096 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

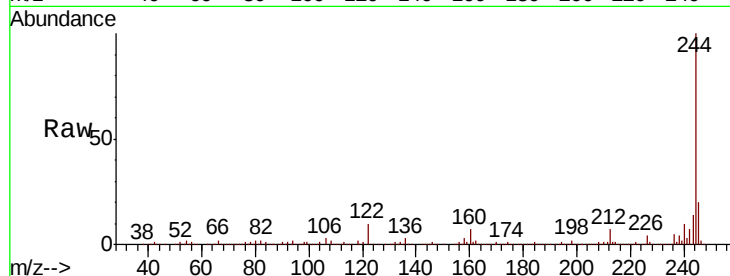
Tot Ion:244 Resp: 1746006

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

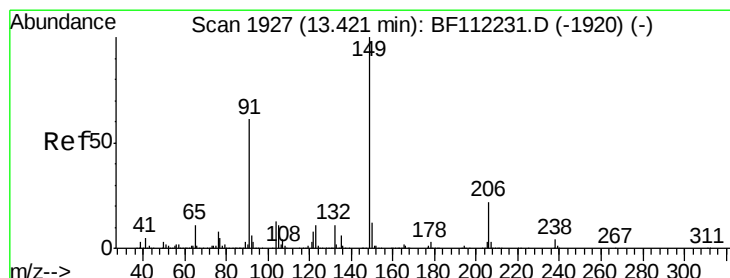
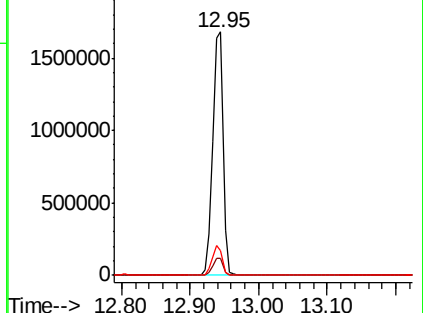
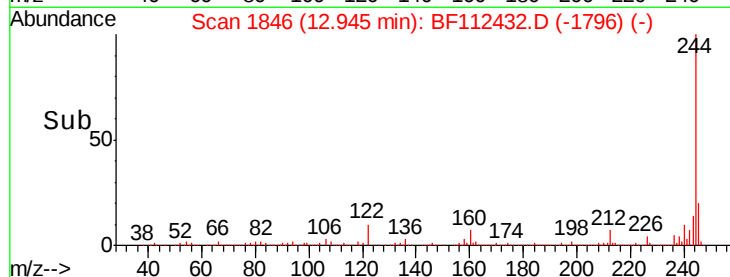
122 10.2 9.8 14.6



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: 37.999 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

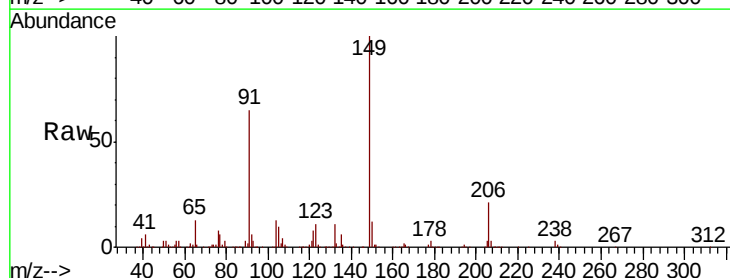
Tgt Ion:149 Resp: 542929

Ion Ratio Lower Upper

149 100

91 65.0 50.3 75.5

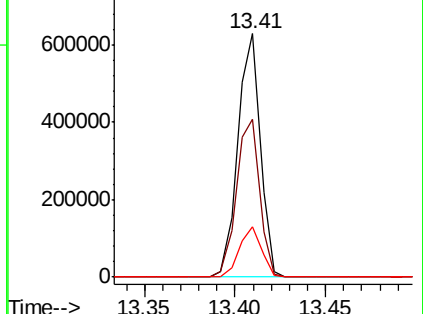
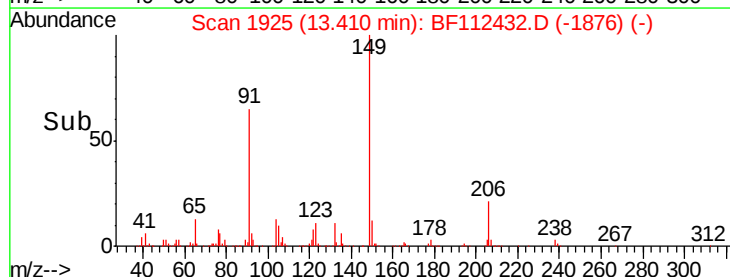
206 20.6 18.2 27.4

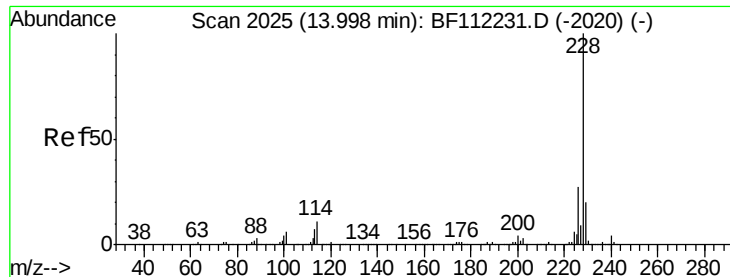


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.942 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

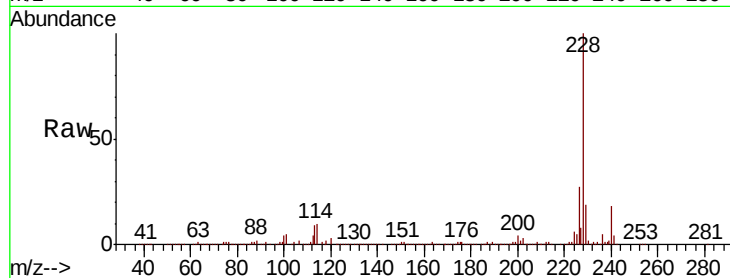
Tot Ion:228 Resp: 1001518

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.1	16.5	24.7

228 100

226 27.4 22.6 34.0

229 19.1 16.5 24.7

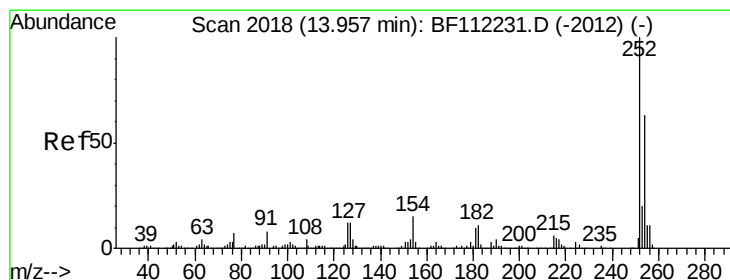
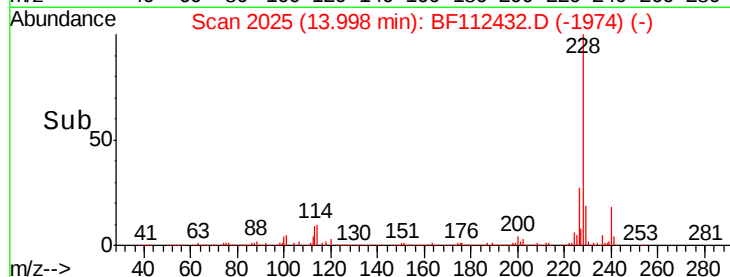
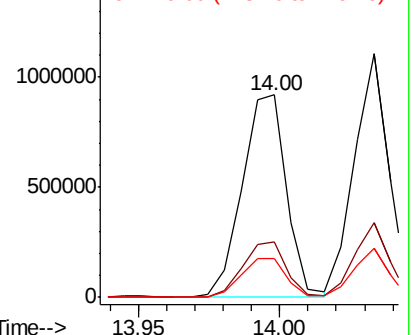


Abundance

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: 39.101 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112432.D

Acq: 7 Feb 2019 12:03

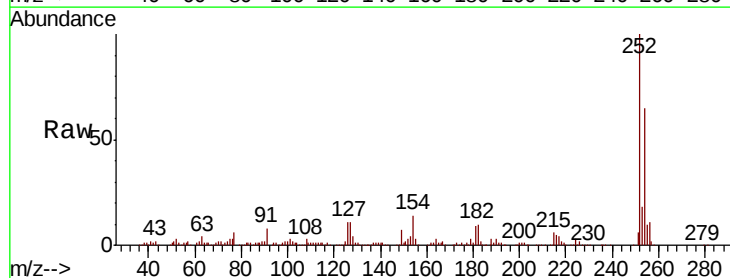
Tgt Ion:252 Resp: 366922

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.6	77.4
126	10.9	8.6	12.8

252 100

254 65.4 51.6 77.4

126 10.9 8.6 12.8

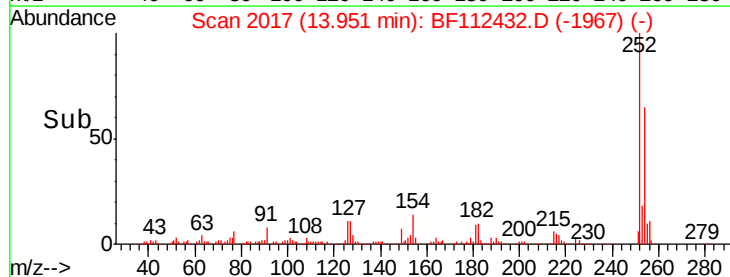
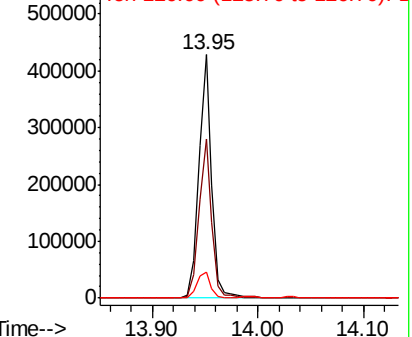


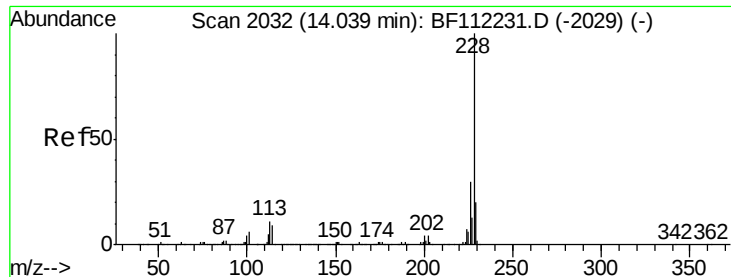
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

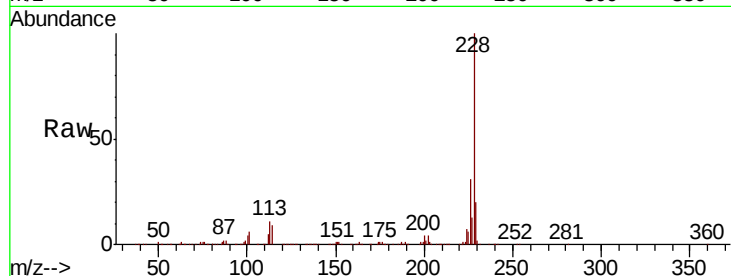




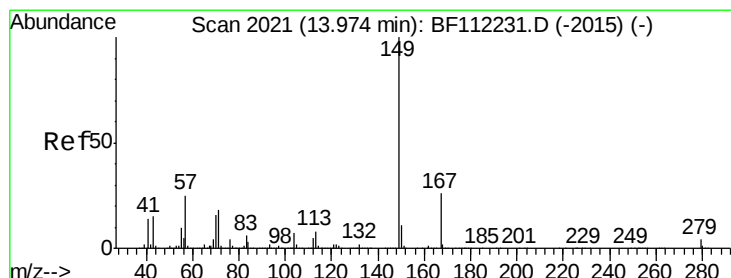
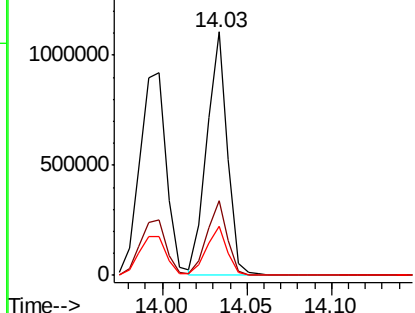
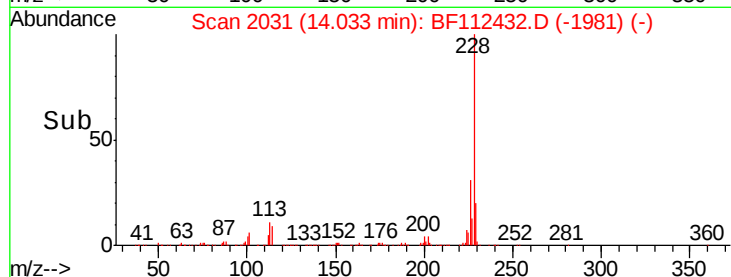
#83
 Chrvsene
 Concen: 39.167 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.6	24.8

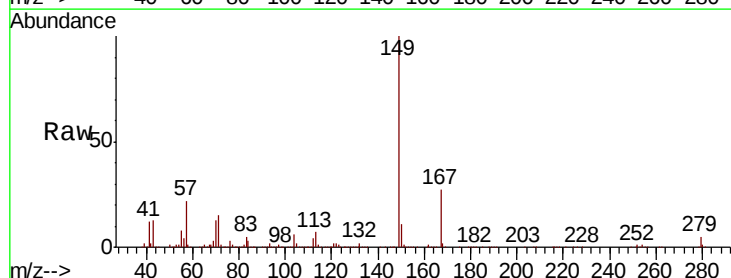


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

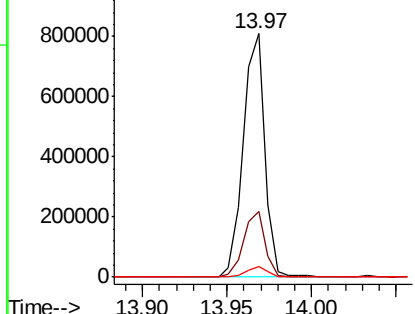
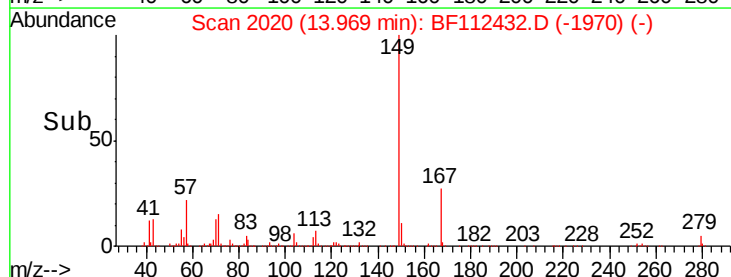


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.595 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112432.D
 Acq: 7 Feb 2019 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.6	3.8	5.6



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

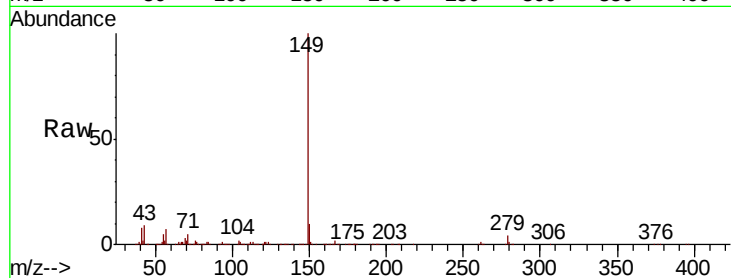




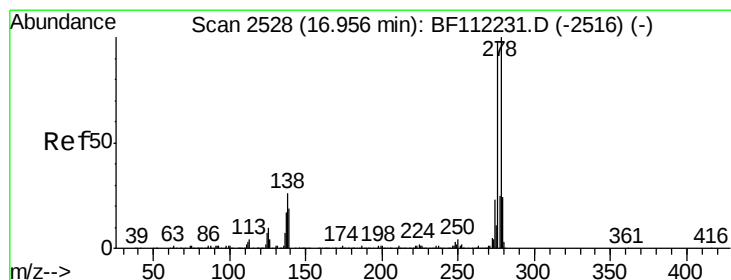
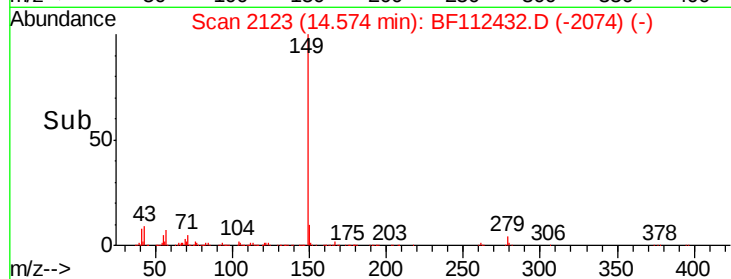
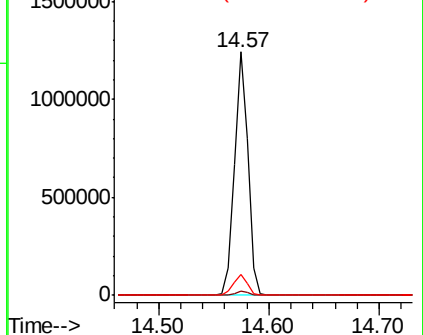
#85
Di-n-octyl phthalate
Concen: 34.162 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:149 Resp: 1065993
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

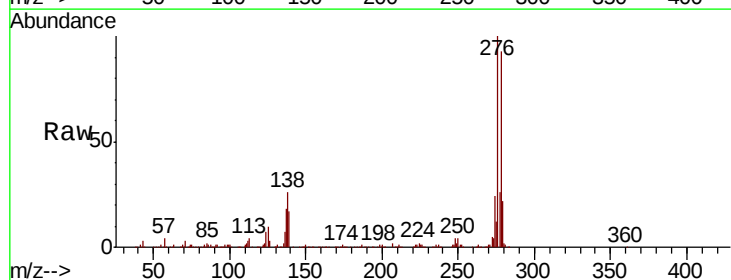


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

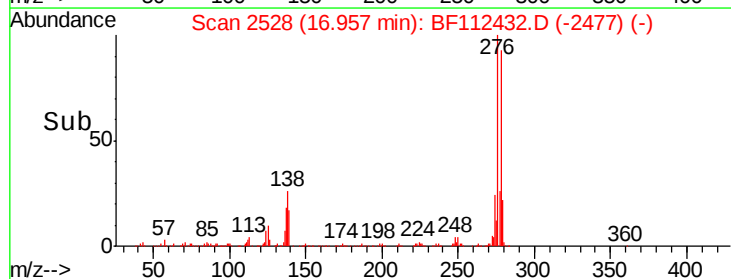
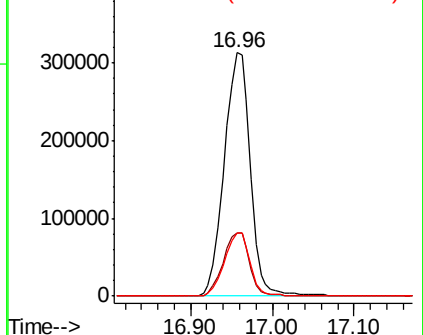


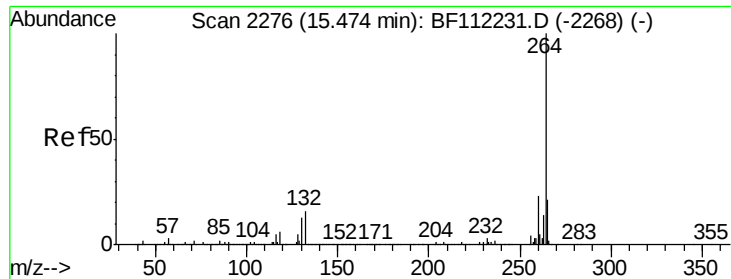
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.725 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:276 Resp: 696515
Ion Ratio Lower Upper
276 100
138 26.1 22.6 34.0
277 25.6 20.3 30.5



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

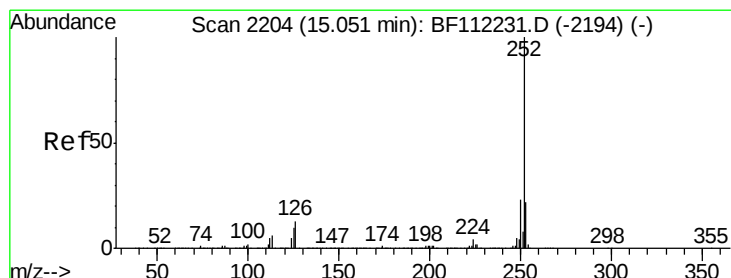
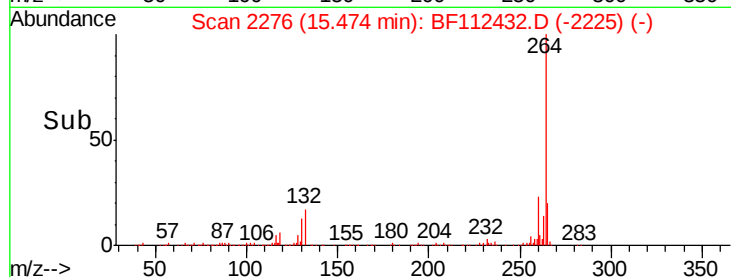
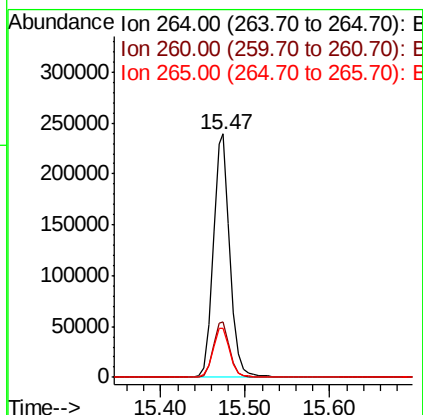
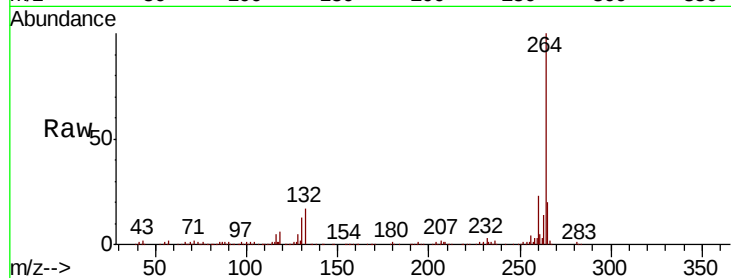




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

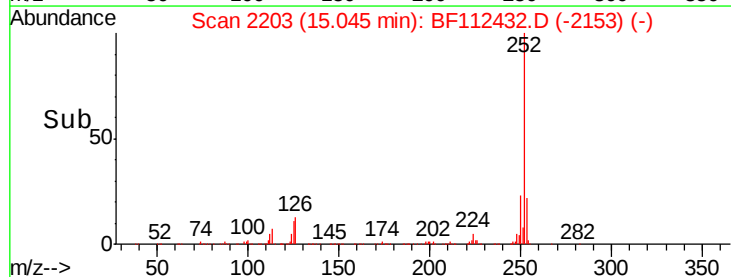
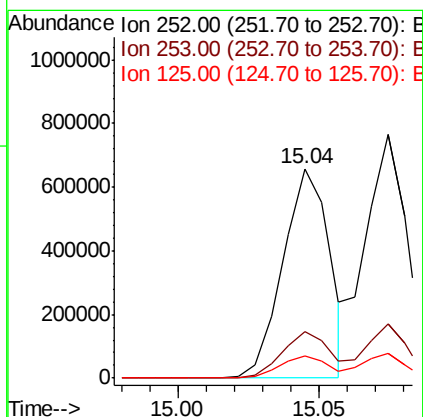
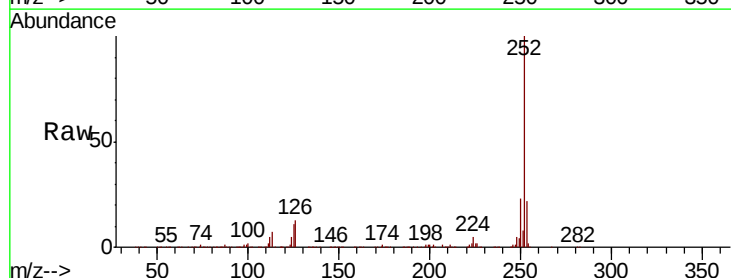
Instrument :
BNA_F
ClientSampleId :
DFTPP

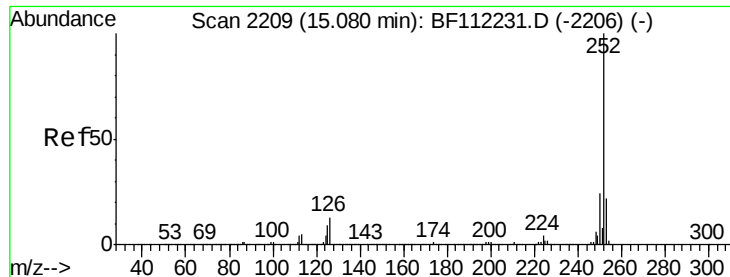
Tot Ion:264 Resp: 331789
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.2
265 20.2 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 38.155 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:252 Resp: 757092
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.9 8.7 13.1

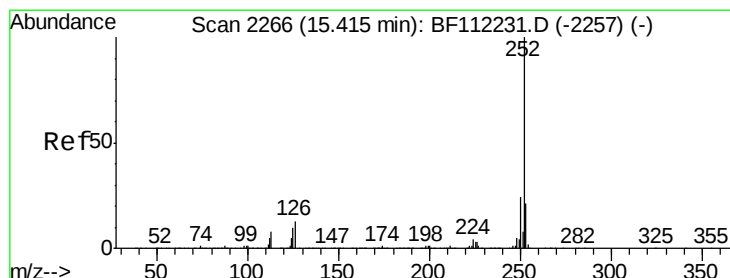
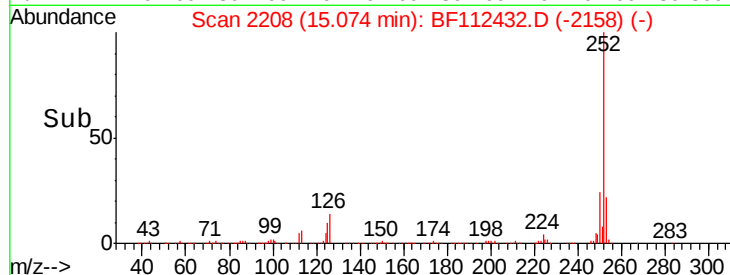
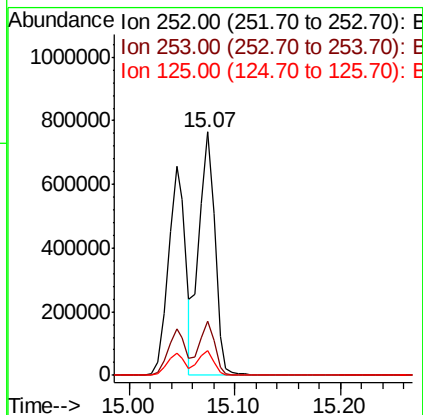
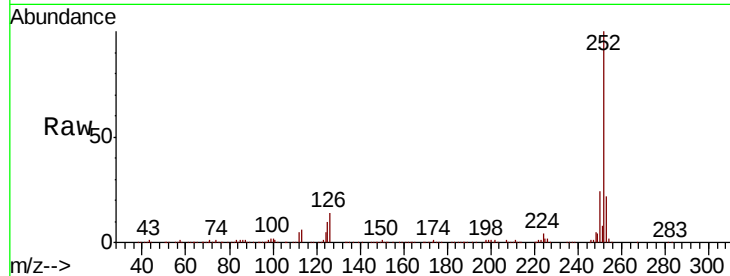




#89
Benzo(k)fluoranthene
Concen: 41.687 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

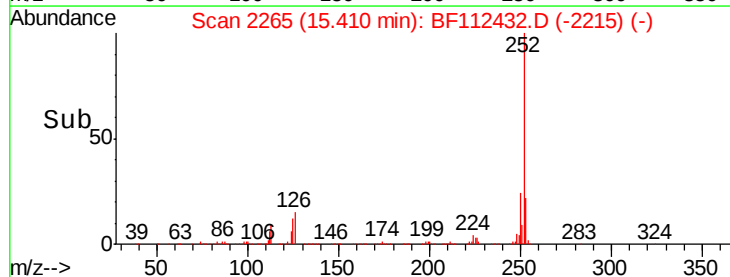
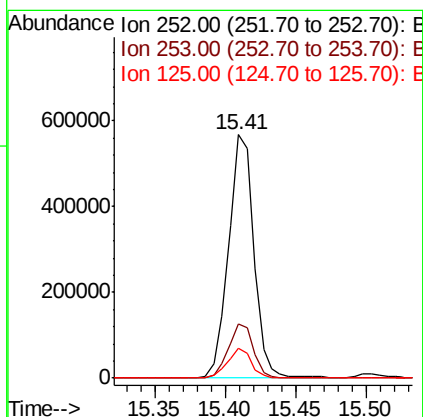
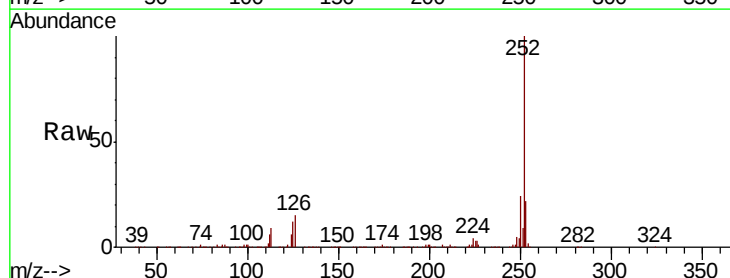
Instrument :
BNA_F
ClientSampleId :
DFTPP

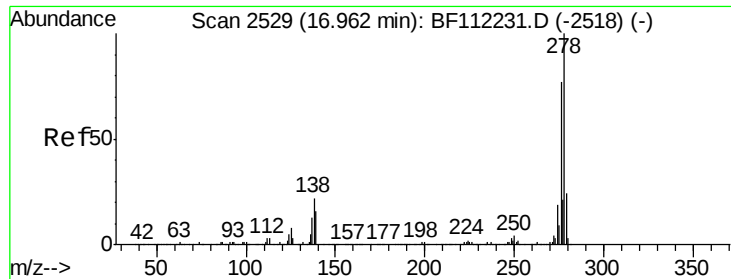
Tot Ion:252 Resp: 792314
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.839 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:252 Resp: 711289
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.0 9.0 13.4

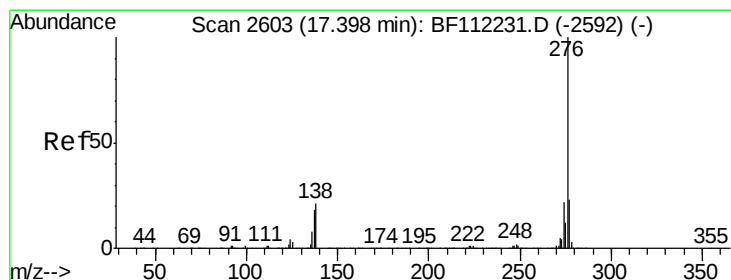
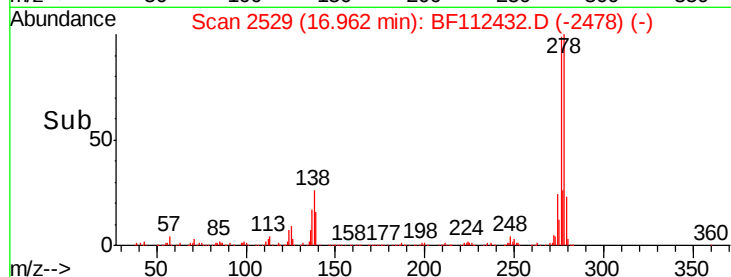
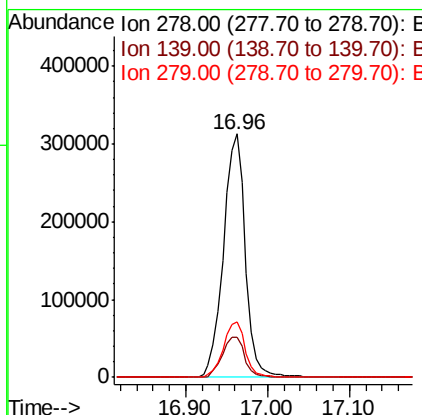
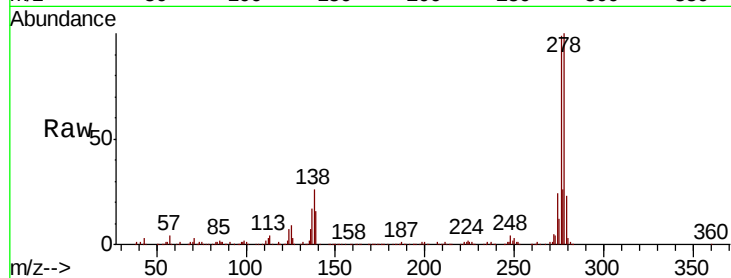




#91
Dibenzo(a,h)anthracene
Concen: 40.589 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:278 Resp: 584050
Ion Ratio Lower Upper
278 100
139 16.4 13.7 20.5
279 23.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.906 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112432.D
Acq: 7 Feb 2019 12:03

Tgt Ion:276 Resp: 568899
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 21.2 19.1 28.7

