

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114955.D
 Acq On : 11 Jun 2019 20:42
 Operator : HP/JU
 Sample : K3262-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:33:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	246061	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	943141	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	449737	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	804955	20.00	ng	0.00
76) Chrysene-d12	13.79	240	470830	20.00	ng	0.00
87) Perylene-d12	15.17	264	541121	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1609164	110.68	ng	0.02
7) Phenol-d6	6.32	99	1849912	105.49	ng	0.00
23) Nitrobenzene-d5	7.23	82	1358901	88.53	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	576775	117.89	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2508076	88.51	ng	0.00
79) Terphenyl-d14	12.74	244	2300571	97.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	243584	35.306	ng	# 85
3) Pyridine	3.10	79	598872	31.183	ng	99
4) n-Nitrosodimethylamine	3.02	42	261749	37.945	ng	93
6) Aniline	6.33	93	231607	9.750	ng	# 1
8) 2-Chlorophenol	6.45	128	696581	41.980	ng	95
9) Benzaldehyde	6.20	77	146929	13.090	ng	98
10) Phenol	6.33	94	689738	35.272	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	658152	42.230	ng	99
12) 1,3-Dichlorobenzene	6.60	146	759994	39.464	ng	98
13) 1,4-Dichlorobenzene	6.68	146	775911	40.178	ng	100
14) 1,2-Dichlorobenzene	6.83	146	722043	41.193	ng	98
15) Benzyl Alcohol	6.81	79	542974	42.909	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	861546	40.195	ng	95
17) 2-Methylphenol	6.93	107	561229	40.394	ng	98
18) Hexachloroethane	7.17	117	264348	37.144	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	451652	41.186	ng	99
20) 3+4-Methylphenols	7.09	107	672764	43.246	ng	94
22) Acetophenone	7.07	105	966591	45.784	ng	95
24) Nitrobenzene	7.25	77	712390	44.613	ng	96
25) Isophorone	7.49	82	1311002	43.614	ng	98
26) 2-Nitrophenol	7.56	139	395348	44.564	ng	99
27) 2,4-Dimethylphenol	7.61	122	622070	47.919	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	837117	43.535	ng	99
29) 2,4-Dichlorophenol	7.81	162	610811	44.930	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	678713	43.502	ng	99
31) Naphthalene	7.96	128	2056149	47.314	ng	99
32) Benzoic acid	7.73	122	288203	29.721	ng	98
33) 4-Chloroaniline	8.02	127	145782	7.109	ng	97
34) Hexachlorobutadiene	8.09	225	370606	42.351	ng	98
35) Caprolactam	8.39	113	99606	21.750	ng	93
36) 4-Chloro-3-methylphenol	8.51	107	625945	45.332	ng	98
37) 2-Methylnaphthalene	8.66	142	1389521	47.053	ng	99
38) 1-Methylnaphthalene	8.76	142	1310593	46.924	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	621755	48.084	ng	99

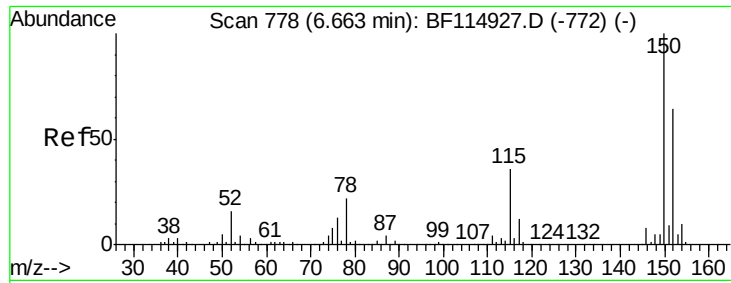
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114955.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	254844	34.672	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	443414	45.160	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	473934	46.813	ng	99
46) 1,1'-Biphenyl	9.12	154	1637153	48.657	ng	99
47) 2-Chloronaphthalene	9.14	162	1294023	45.559	ng	98
48) 2-Nitroaniline	9.24	65	380354	43.993	ng	98
49) Acenaphthylene	9.56	152	1991714	47.585	ng	98
50) Dimethylphthalate	9.42	163	1573758	46.558	ng	100
51) 2,6-Dinitrotoluene	9.48	165	356125	45.870	ng	97
52) Acenaphthene	9.73	154	1157795	45.659	ng	99
53) 3-Nitroaniline	9.64	138	159471	17.105	ng	100
54) 2,4-Dinitrophenol	9.76	184	145068	37.753	ng	90
55) Dibenzofuran	9.90	168	1725365	47.666	ng	97
56) 4-Nitrophenol	9.82	139	492651	74.145	ng	91
57) 2,4-Dinitrotoluene	9.89	165	452481	46.108	ng	95
58) Fluorene	10.24	166	1232862	44.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	371091	45.341	ng	99
60) Diethylphthalate	10.12	149	1524890	46.416	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	619421	44.343	ng	99
62) 4-Nitroaniline	10.26	138	342537	35.851	ng	100
63) Azobenzene	10.39	77	1298608	45.414	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	105188	23.302	ng	95
66) n-Nitrosodiphenylamine	10.35	169	1205579	50.411	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	407677	46.757	ng	100
68) Hexachlorobenzene	10.79	284	424375	44.075	ng	98
69) Atrazine	10.88	200	386691	47.987	ng	99
70) Pentachlorophenol	10.98	266	408897	75.732	ng	99
71) Phenanthrene	11.19	178	1818679	46.568	ng	98
72) Anthracene	11.24	178	1866684	47.091	ng	99
73) Carbazole	11.40	167	1668926	46.244	ng	99
74) Di-n-butylphthalate	11.74	149	2180654	48.891	ng	99
75) Fluoranthene	12.37	202	1731669	42.868	ng	96
77) Benzidine	12.49	184	169815	8.241	ng	97
78) Pyrene	12.60	202	1720170	41.950	ng	97
80) Butylbenzylphthalate	13.22	149	860179	42.580	ng	99
81) Benzo(a)anthracene	13.78	228	1493706	42.906	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	389059	27.378	ng	98
83) Chrysene	13.82	228	1554158	44.456	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1091941	46.153	ng	99
85) Di-n-octyl phthalate	14.39	149	1983698	45.899	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1363633	41.491	ng	99
88) Benzo(b)fluoranthene	14.79	252	1716039	48.711	ng	99
89) Benzo(k)fluoranthene	14.82	252	1368591	44.764	ng	99
90) Benzo(a)pyrene	15.12	252	1457500	47.632	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1166286	45.123	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1086179	42.159	ng	98

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

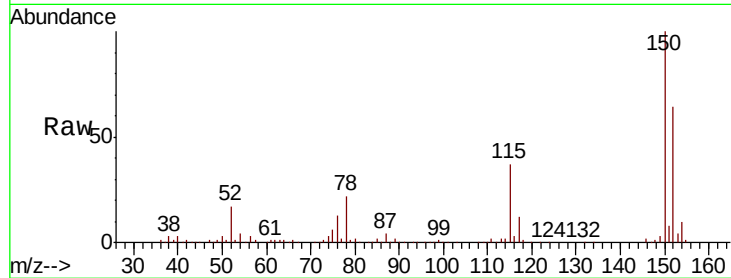


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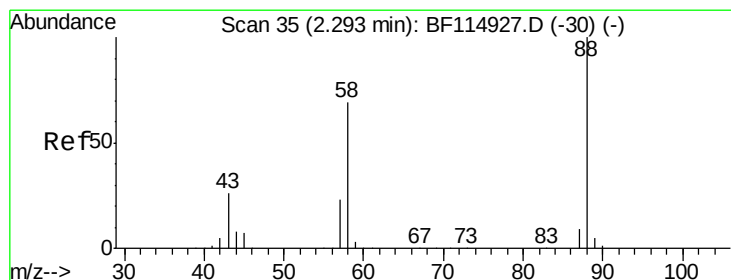
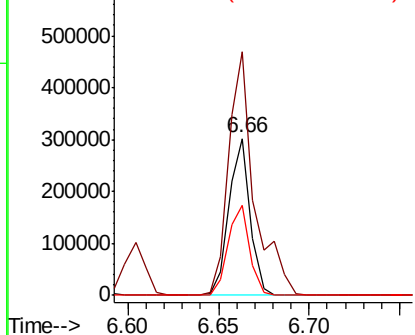
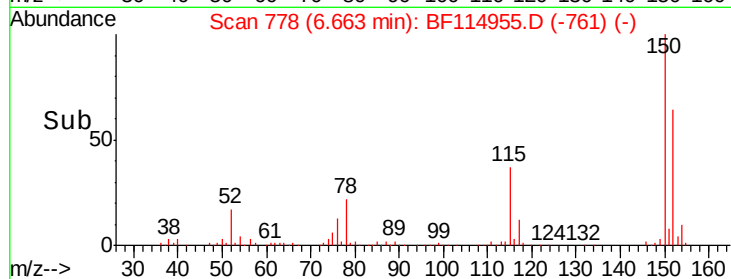
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 246061
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 57.0 45.0 67.4



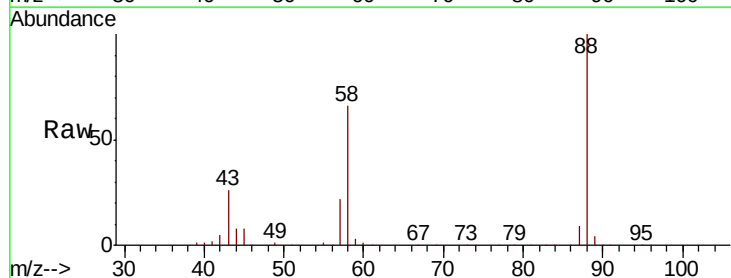
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



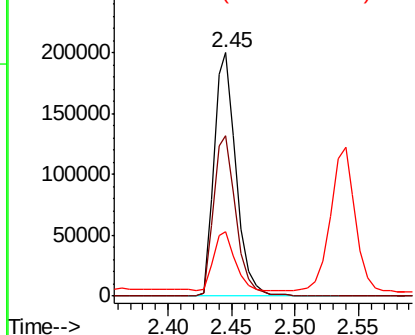
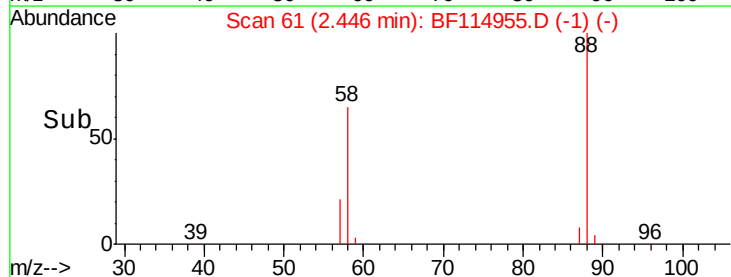
#2

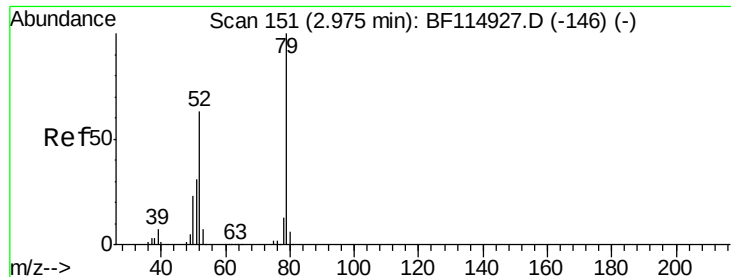
1,4-Dioxane
Concen: 35.306 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.15 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion: 88 Resp: 243584
Ion Ratio Lower Upper
88 100
58 66.1 54.2 81.2
43 0.0 20.6 30.8#



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: 31.183 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.13 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

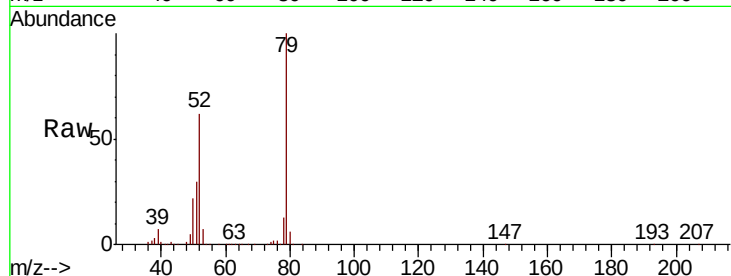
Tot Ion: 79 Resp: 598872

Ion Ratio Lower Upper

79 100

52 61.8 50.2 75.2

51 29.9 24.6 37.0



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

300000

200000

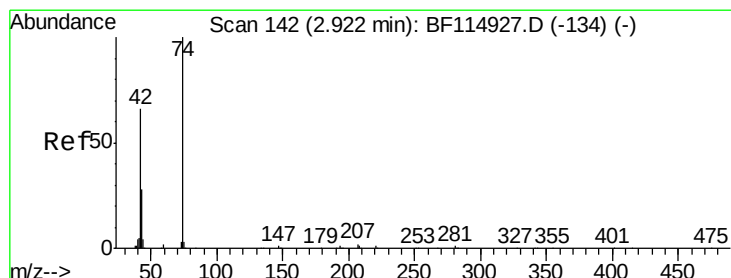
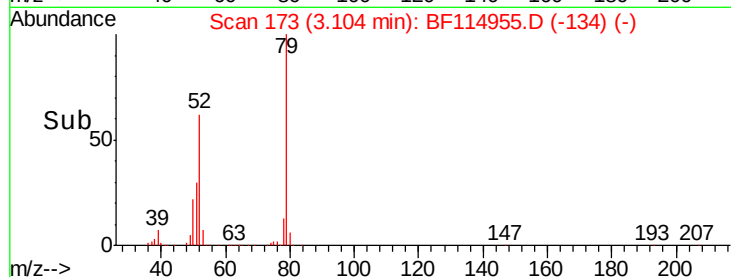
100000

0

3.10

3.00 3.10 3.20 3.30 3.40

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.945 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.09 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

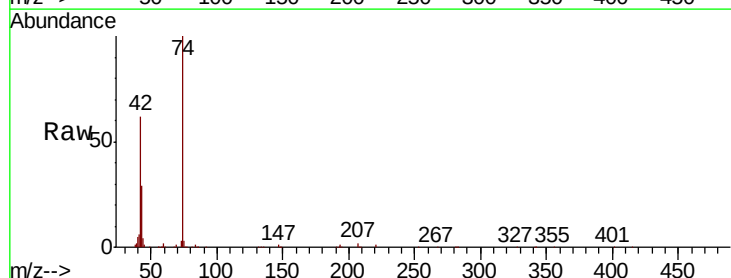
Tgt Ion: 42 Resp: 261749

Ion Ratio Lower Upper

42 100

74 161.5 121.9 182.9

44 7.2 5.1 7.7



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

300000

250000

200000

150000

100000

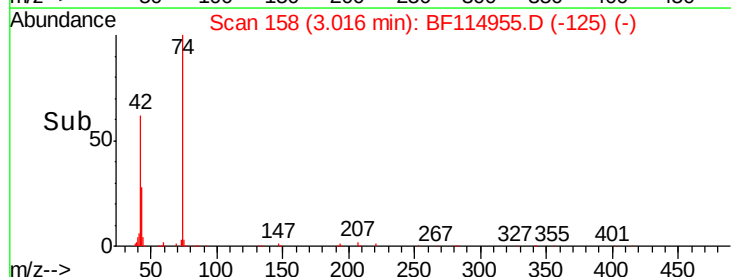
50000

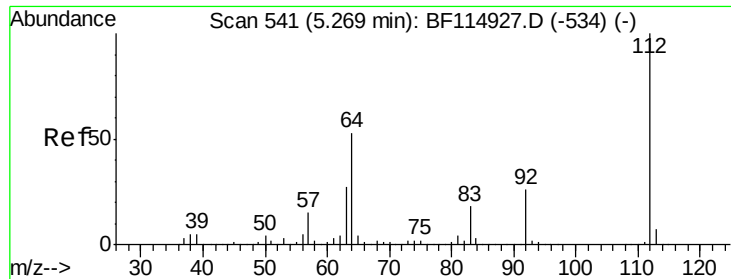
0

3.02

2.90 3.00 3.10 3.20

Time-->





#5

2-Fluorophenol

Concen: 110.679 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

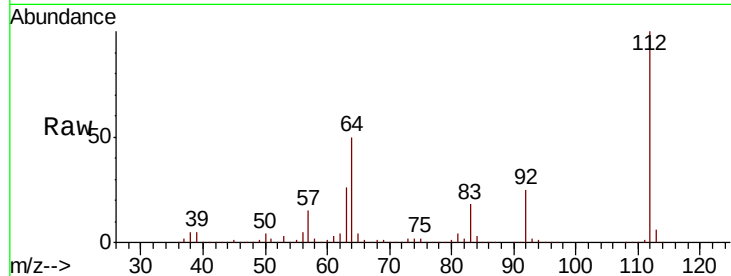
Tot Ion:112 Resp: 1609164

Ion Ratio Lower Upper

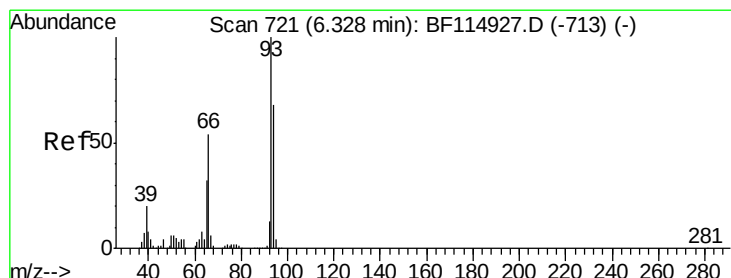
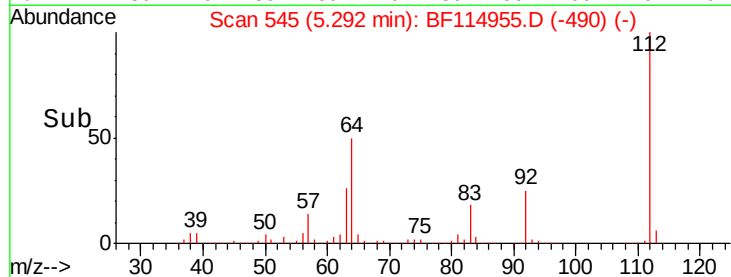
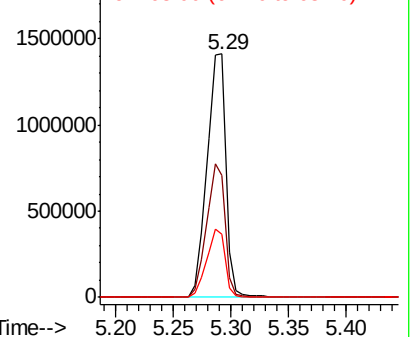
112 100

64 50.1 42.1 63.1

63 25.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.750 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

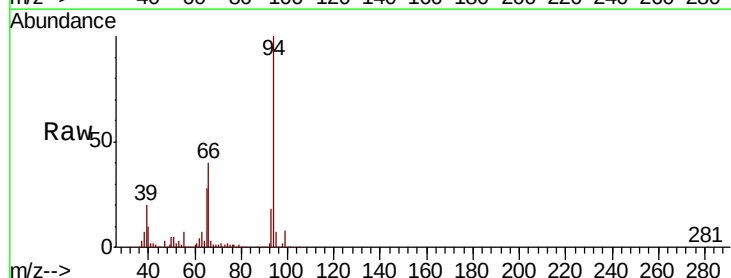
Tgt Ion: 93 Resp: 231607

Ion Ratio Lower Upper

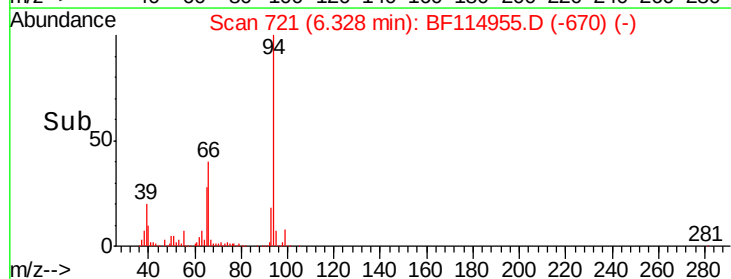
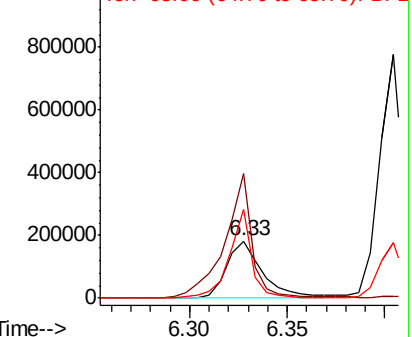
93 100

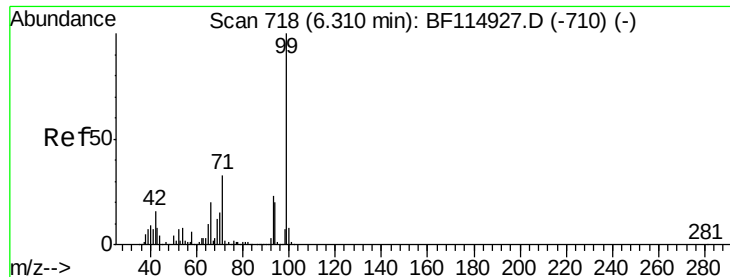
66 217.6 43.6 65.4#

65 154.1 25.7 38.5#



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: 105.487 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

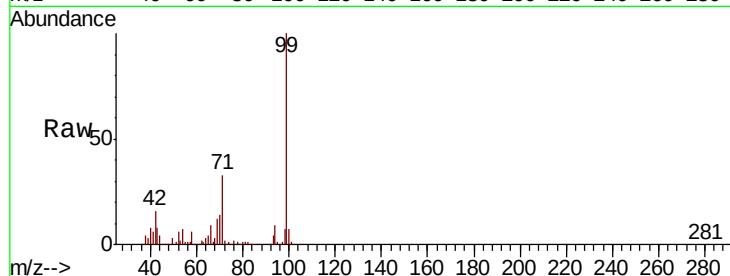
Tot Ion: 99 Resp: 1849912

Ion Ratio Lower Upper

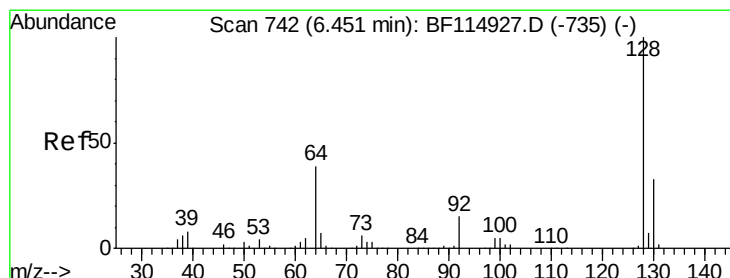
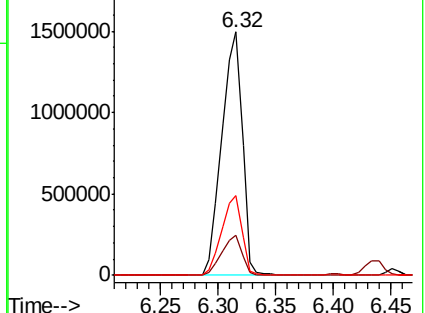
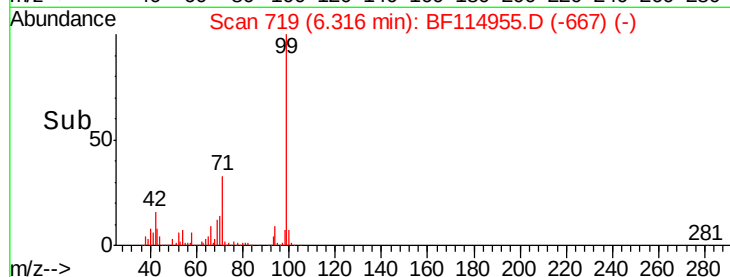
99 100

42 16.3 13.1 19.7

71 32.9 26.8 40.2



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



#8

2-Chlorophenol

Concen: 41.980 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

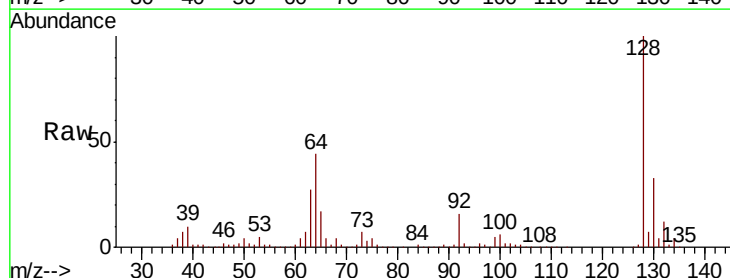
Tgt Ion: 128 Resp: 696581

Ion Ratio Lower Upper

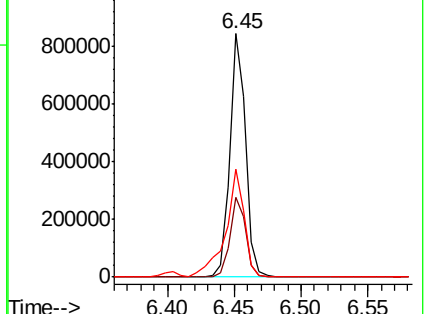
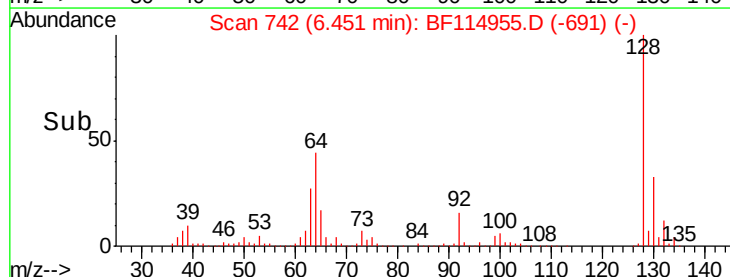
128 100

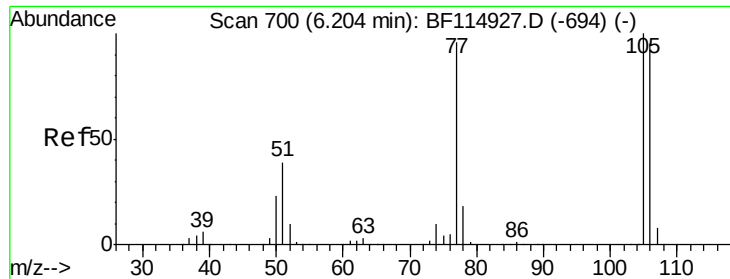
130 32.7 13.3 53.3

64 44.4 19.5 59.5



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: 13.090 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

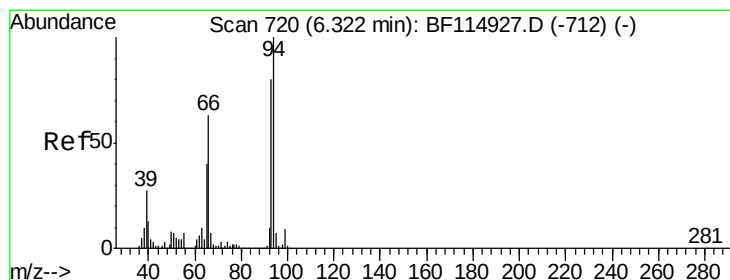
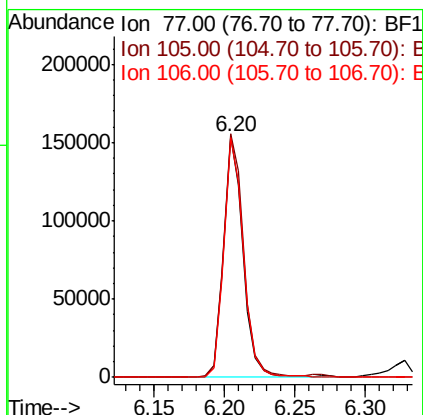
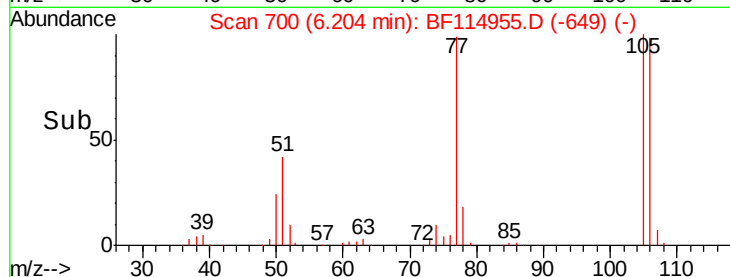
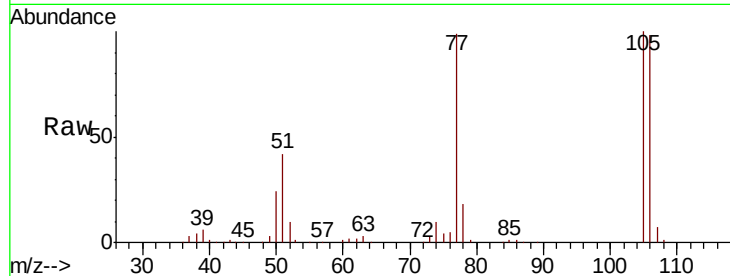
Tot Ion: 77 Resp: 146929

Ion Ratio Lower Upper

77 100

105 101.2 84.5 124.5

106 99.4 79.2 119.2



#10

Phenol

Concen: 35.272 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

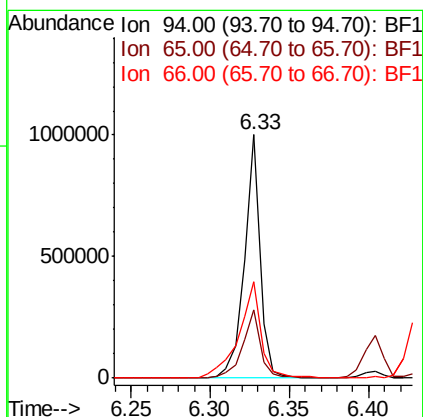
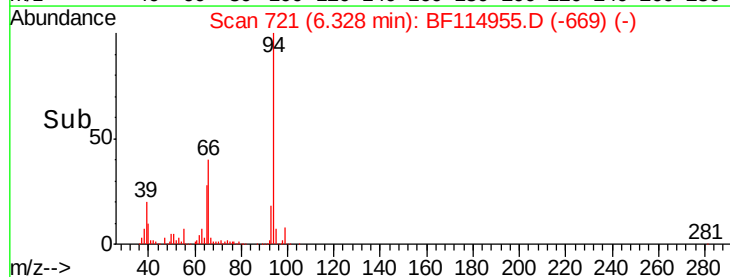
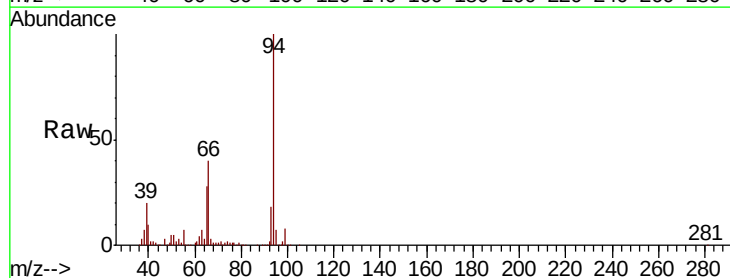
Tgt Ion: 94 Resp: 689738

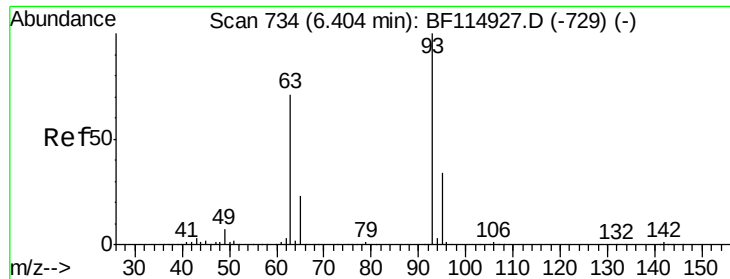
Ion Ratio Lower Upper

94 100

65 28.1 19.6 59.6

66 39.6 42.6 82.6#

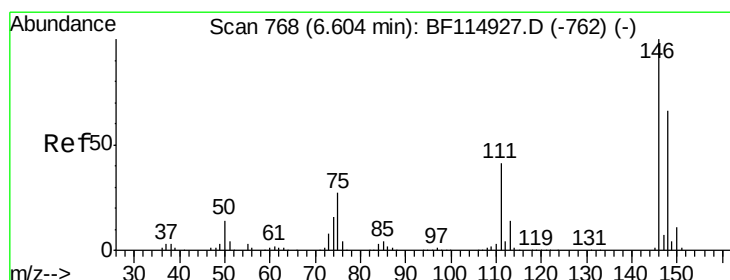
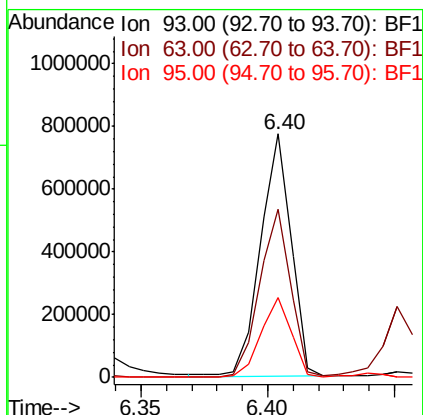
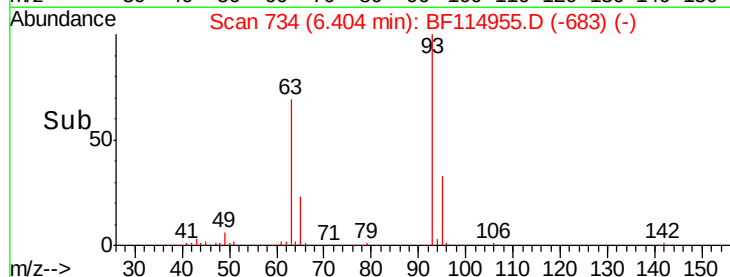
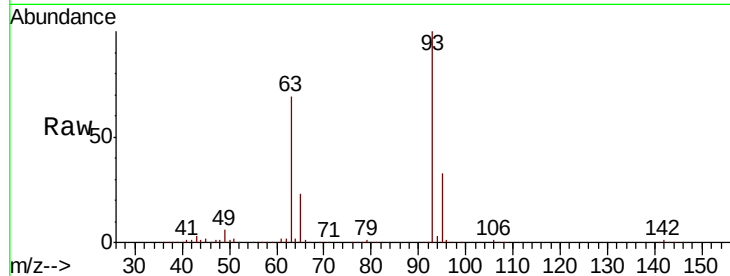




#11
bis(2-Chloroethyl)ether
Concen: 42.230 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

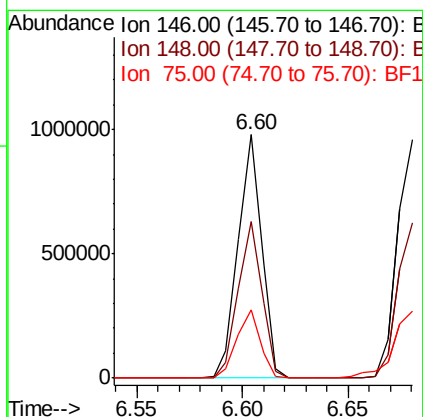
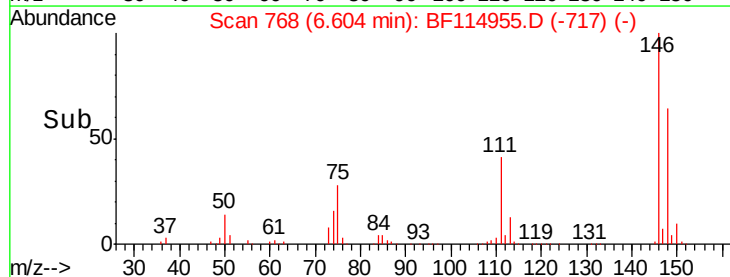
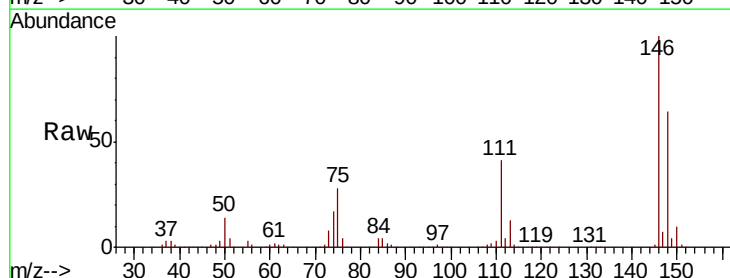
Instrument :
BNA_F
ClientSampleId :

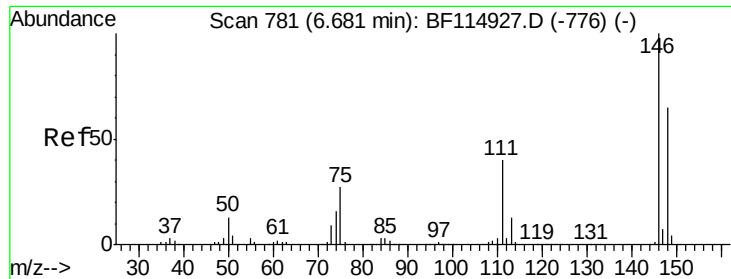
Tot Ion: 93 Resp: 658152
Ion Ratio Lower Upper
93 100
63 69.3 50.5 90.5
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.464 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion: 146 Resp: 759994
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
75 28.0 21.9 32.9

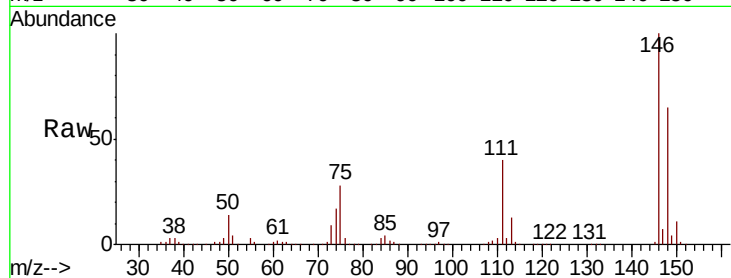




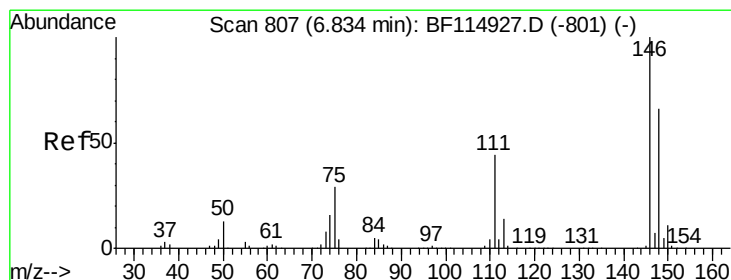
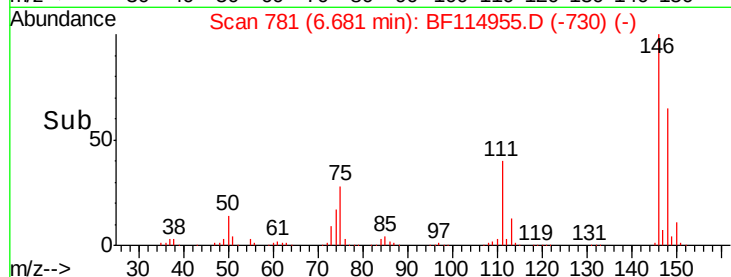
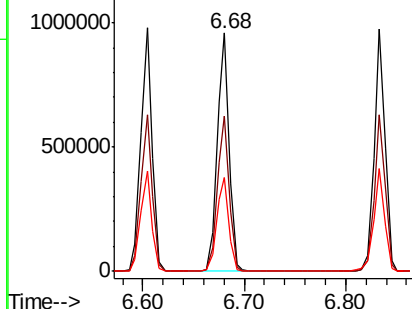
#13
 1,4-Dichlorobenzene
 Concen: 40.178 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	39.6	31.8	47.8

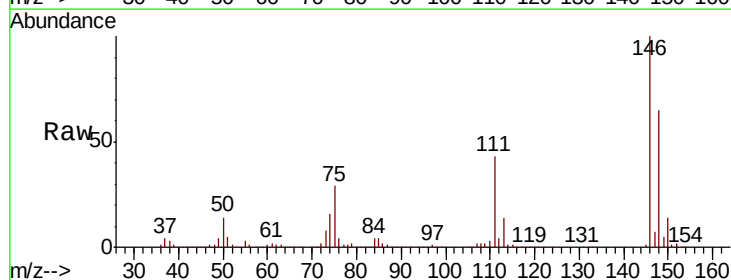


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

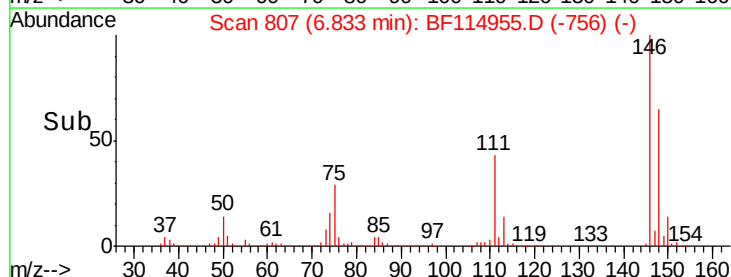
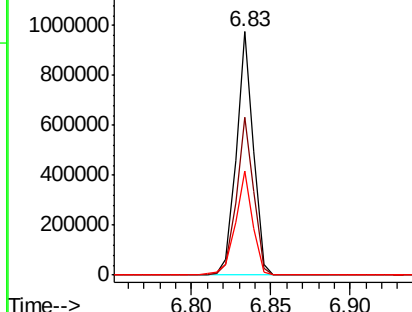


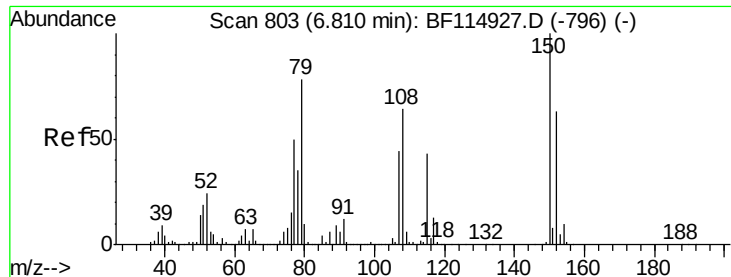
#14
 1,2-Dichlorobenzene
 Concen: 41.193 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.7	79.1
111	42.6	35.4	53.2



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





#15

Benzyl Alcohol

Concen: 42.909 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

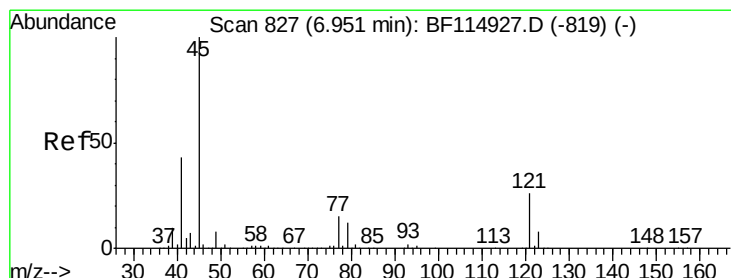
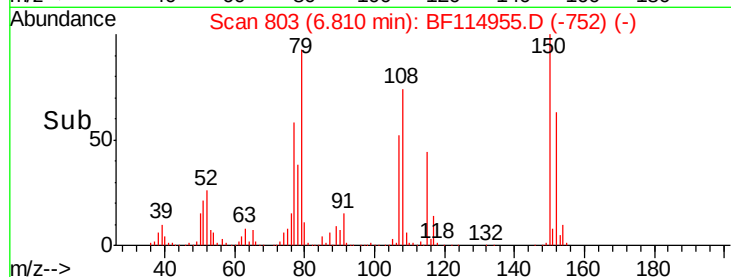
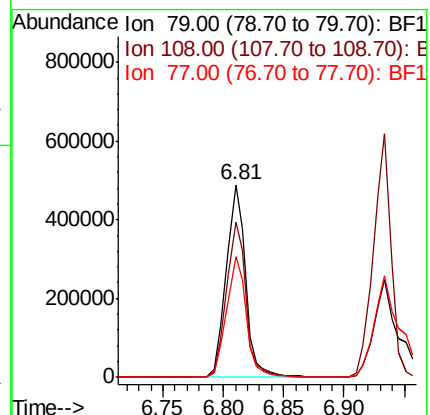
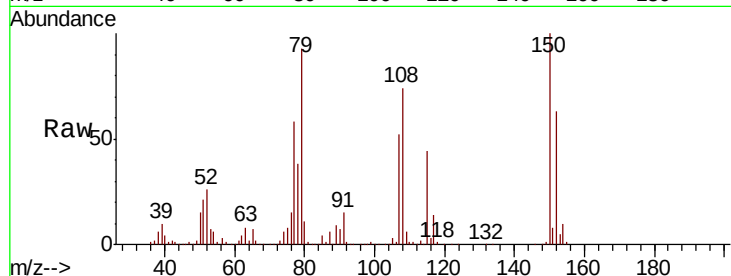
Tot Ion: 79 Resp: 542974

Ion Ratio Lower Upper

79 100

108 80.3 65.5 98.3

77 62.7 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.195 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

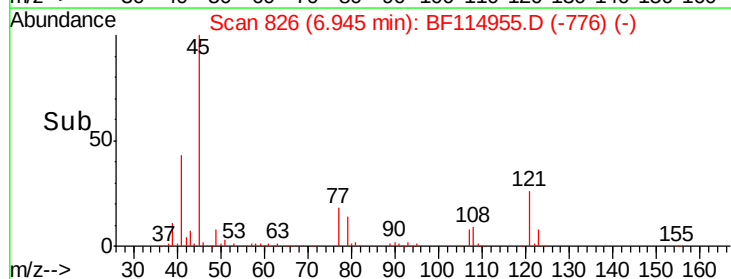
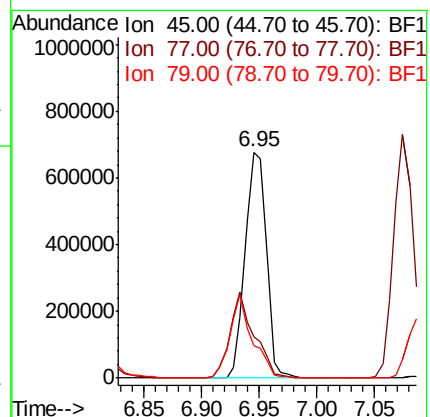
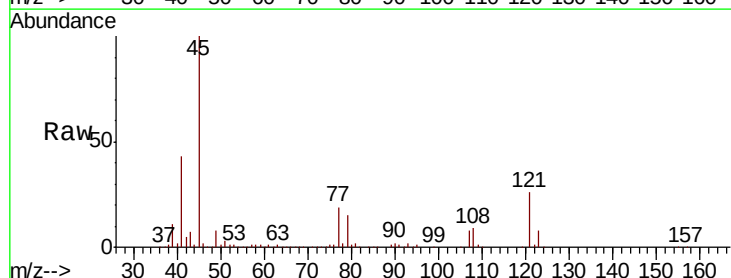
Tgt Ion: 45 Resp: 861546

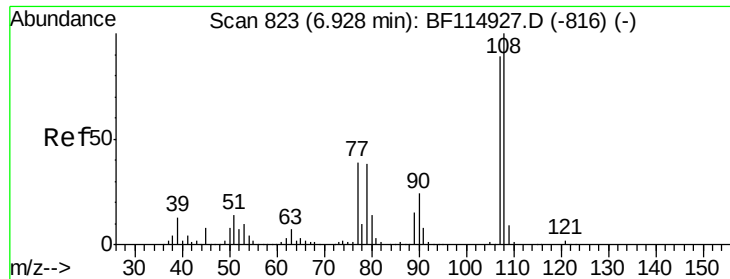
Ion Ratio Lower Upper

45 100

77 18.6 0.0 36.2

79 14.5 0.0 32.7

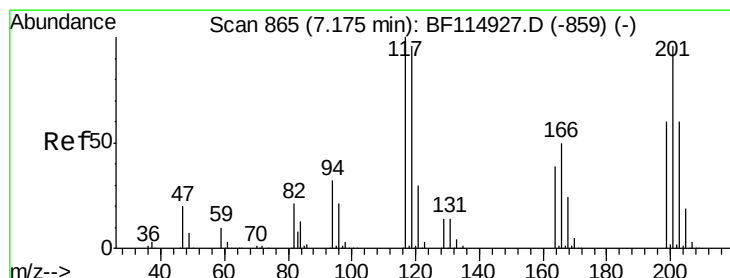
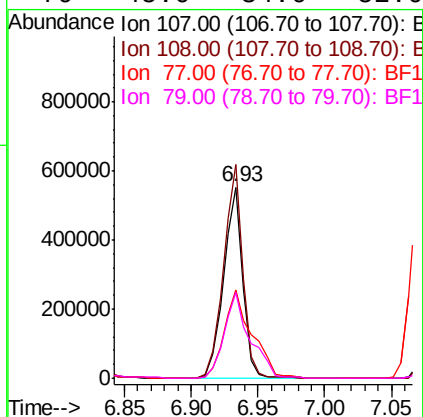
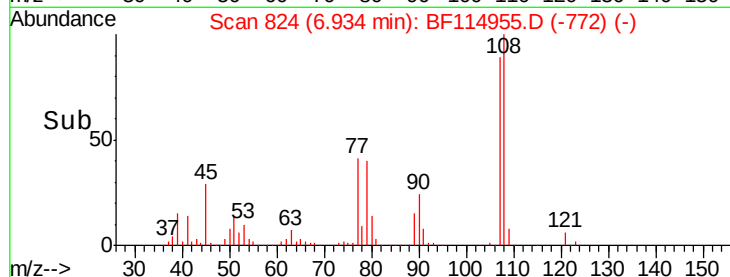
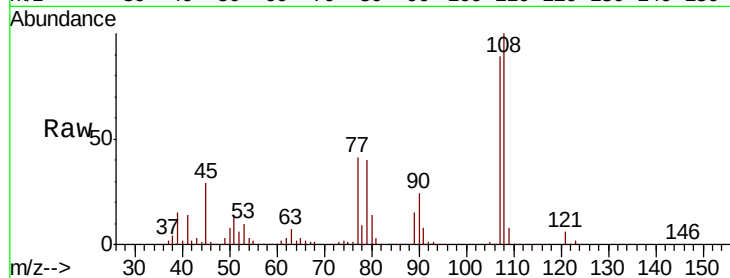




#17
2-Methylphenol
Concen: 40.394 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

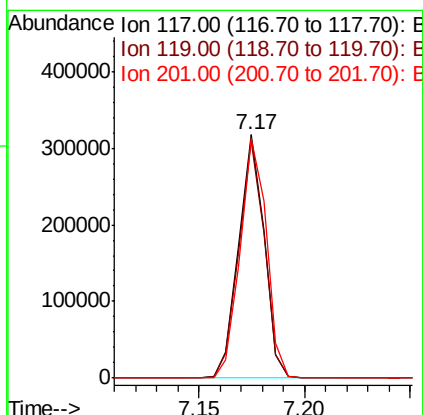
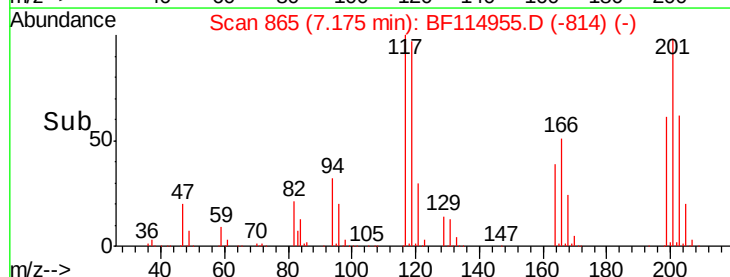
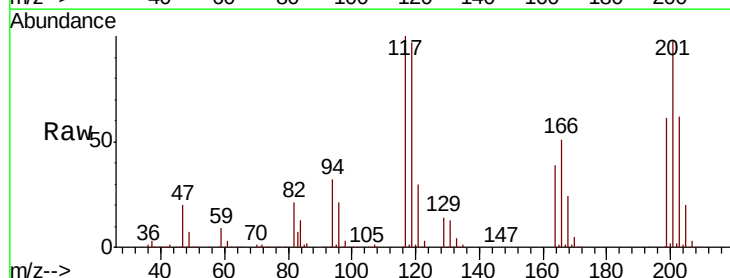
Instrument :
BNA_F
ClientSampled :

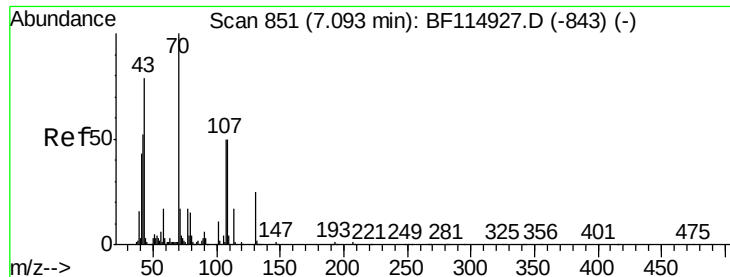
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	46.4	35.4	53.0
79	45.0	34.6	52.0



#18
Hexachloroethane
Concen: 37.144 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
201	98.4	77.0	115.6

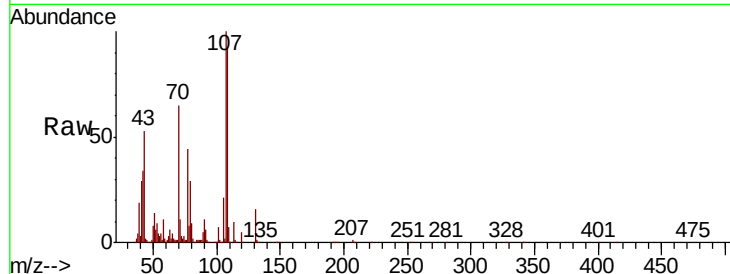




#19
n-Nitroso-di-n-propylamine
Concen: 41.186 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	451652
Ion	Ratio	Lower	Upper
70	100		
42	52.7	41.7	62.5
101	10.4	8.4	12.6
130	24.1	19.9	29.9



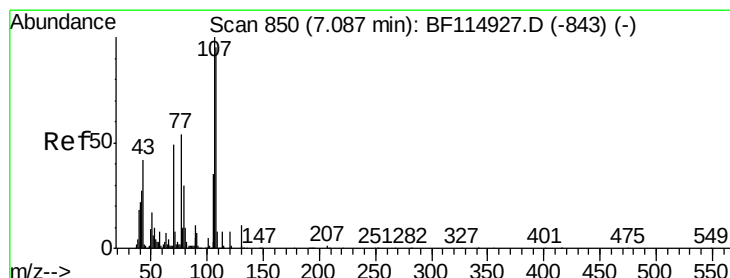
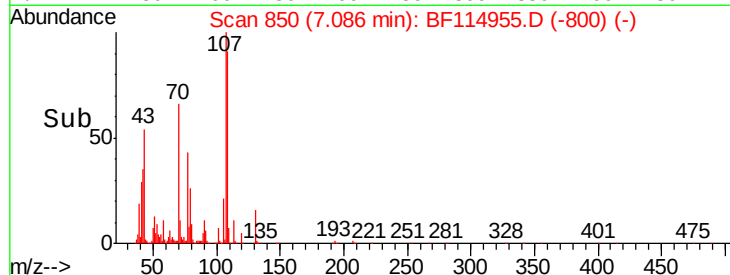
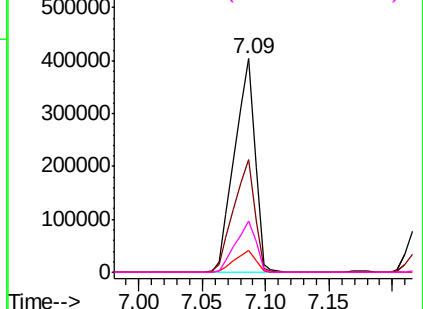
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

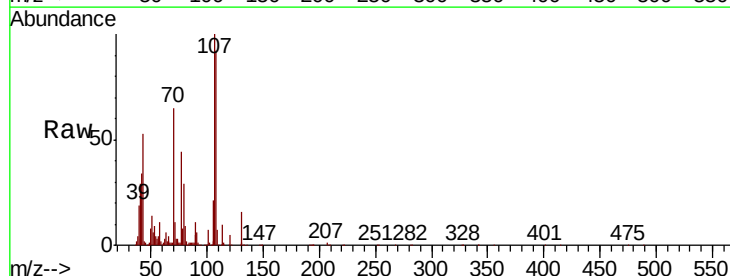
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.246 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:	107	Resp:	672764
Ion	Ratio	Lower	Upper
107	100		
108	91.5	74.7	114.7
77	43.9	33.7	73.7
79	28.6	10.2	50.2



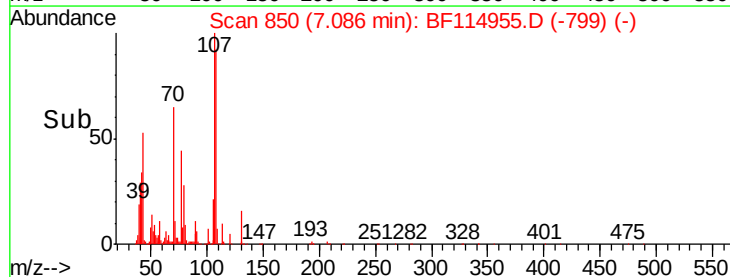
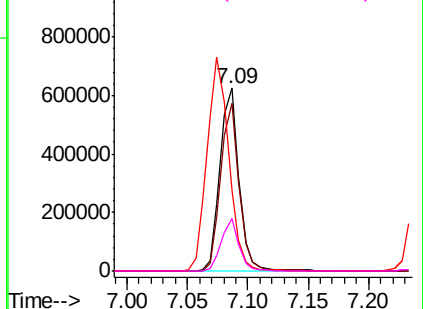
Abundance

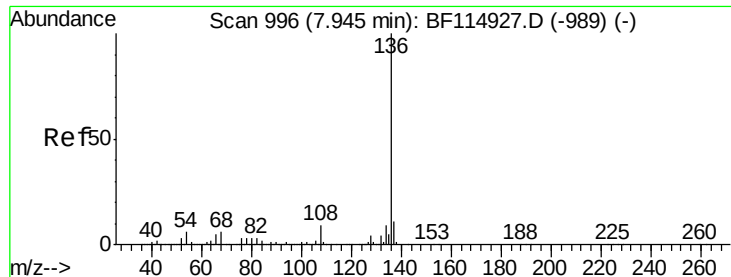
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

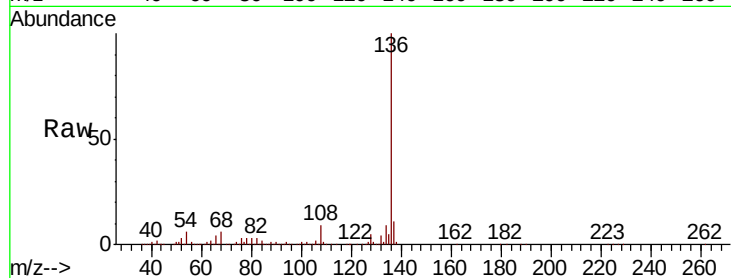




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 943141
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 6.4	5.2 7.8
68 5.5	4.6 7.0



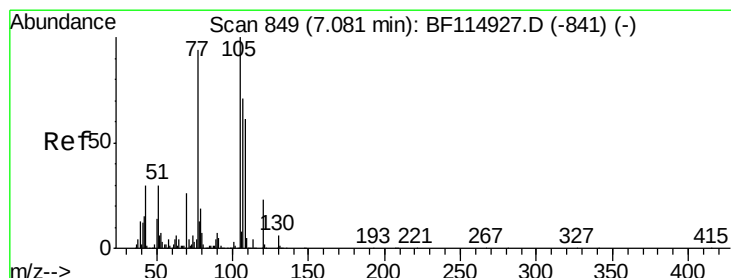
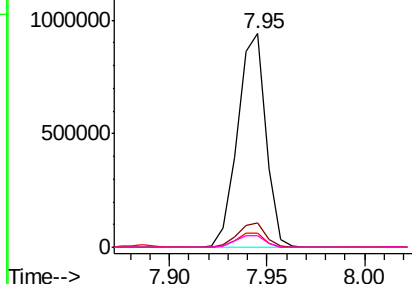
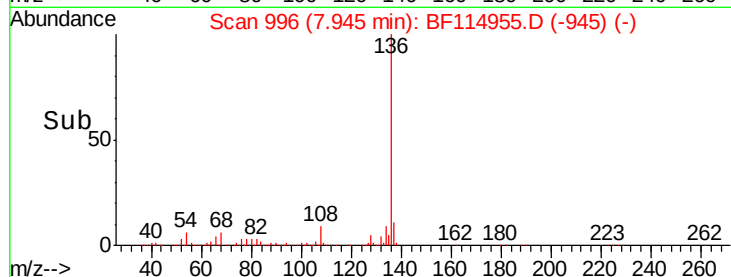
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

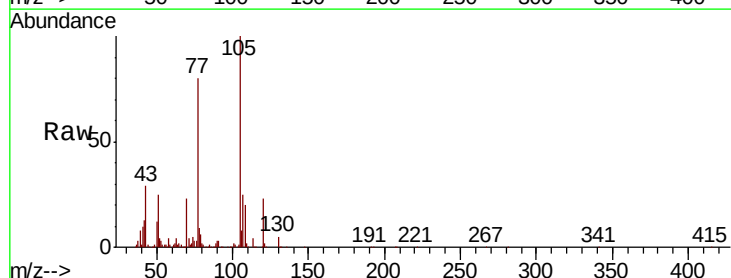
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.784 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:105	Resp: 966591
Ion Ratio	Lower Upper
105 100	
71 4.0	3.4 5.2
51 25.3	24.0 36.0
120 22.9	18.8 28.2



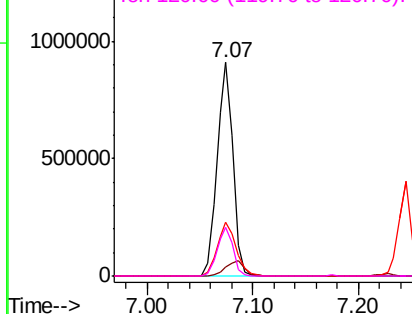
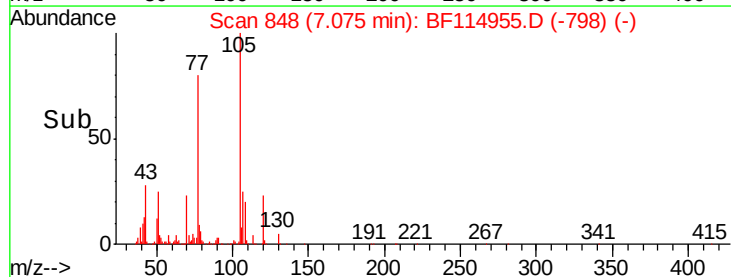
Abundance

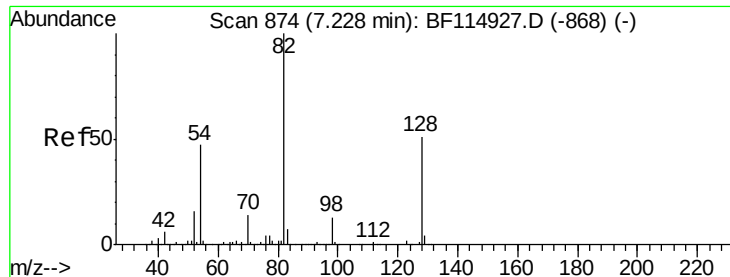
Ion 105.00 (104.70 to 105.70): E

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

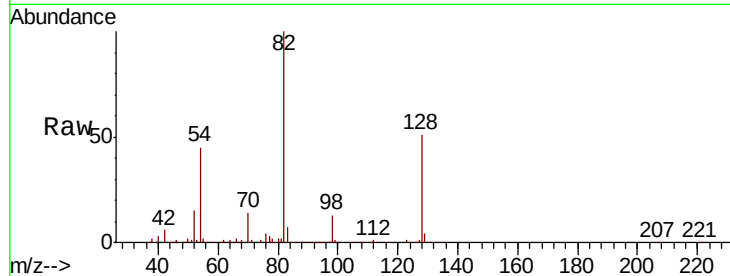




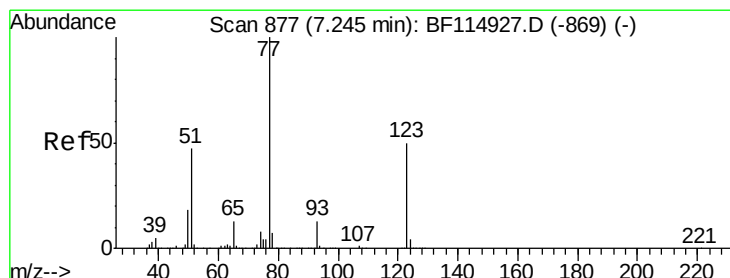
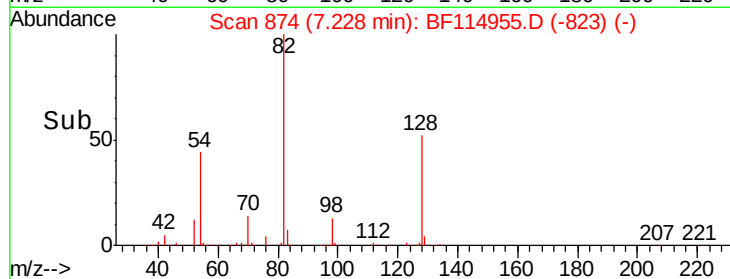
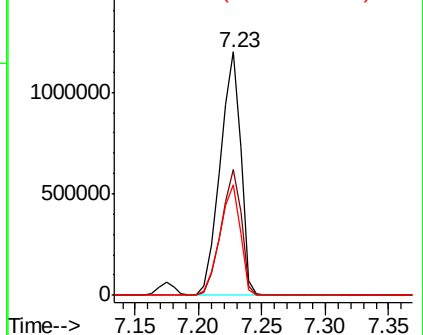
#23
Nitrobenzene-d5
Concen: 88.527 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1358901
Ion Ratio Lower Upper
82 100
128 51.5 40.9 61.3
54 45.4 37.4 56.0

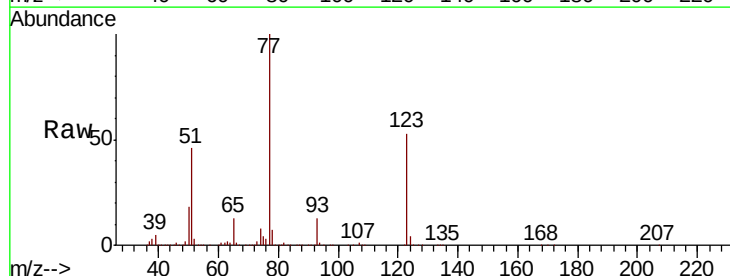


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

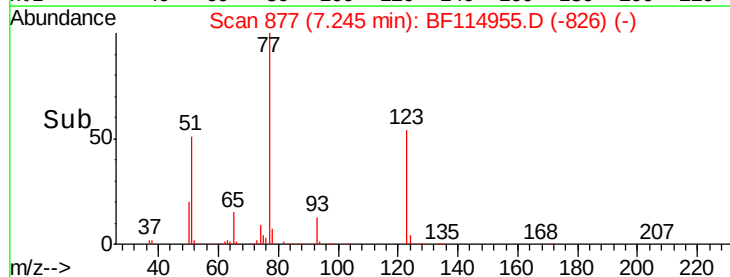
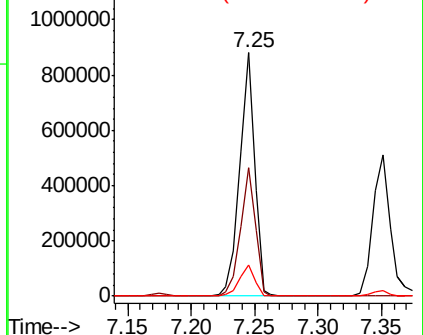


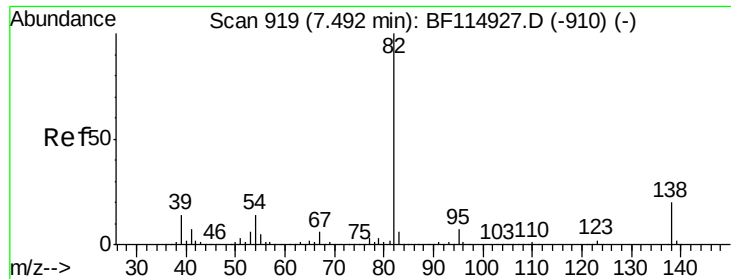
#24
Nitrobenzene
Concen: 44.613 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion: 77 Resp: 712390
Ion Ratio Lower Upper
77 100
123 52.8 39.8 59.6
65 12.9 10.7 16.1



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: 43.614 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

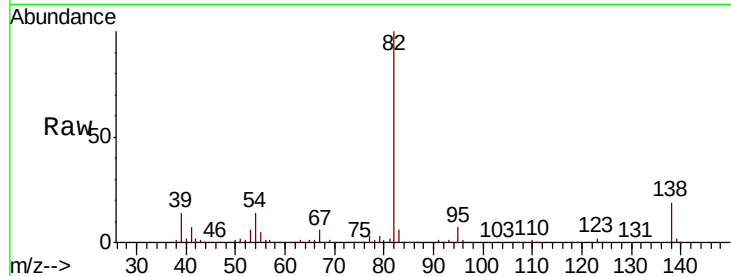
Tot Ion: 82 Resp: 1311002

Ion Ratio Lower Upper

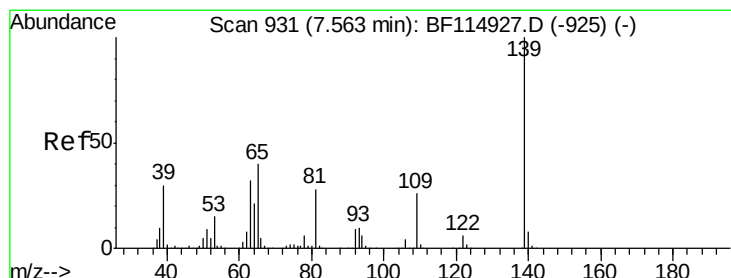
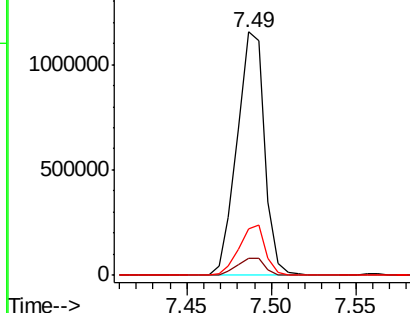
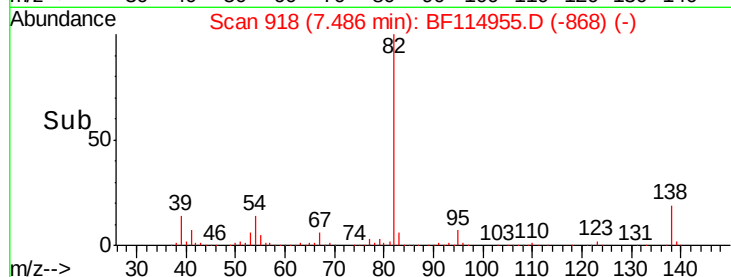
82 100

95 7.0 5.7 8.5

138 19.0 16.4 24.6



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



#26

2-Nitrophenol

Concen: 44.564 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

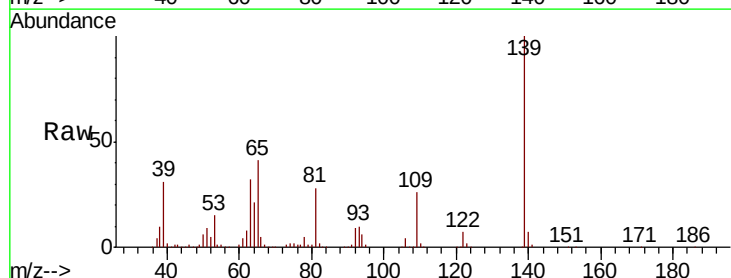
Tgt Ion: 139 Resp: 395348

Ion Ratio Lower Upper

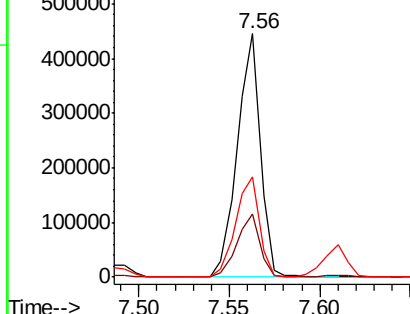
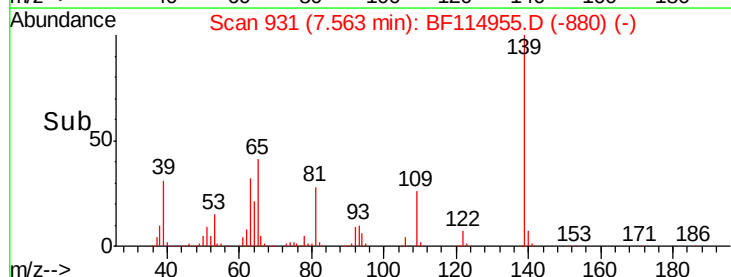
139 100

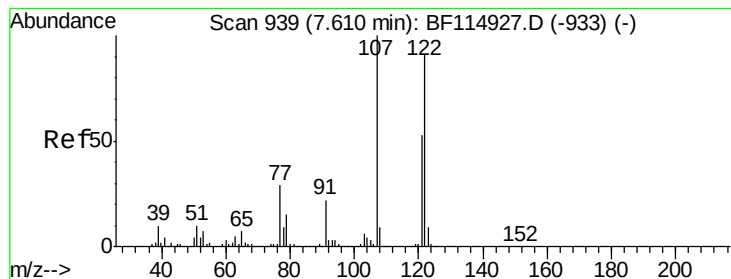
109 26.0 20.6 30.8

65 41.3 32.2 48.2



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: 47.919 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

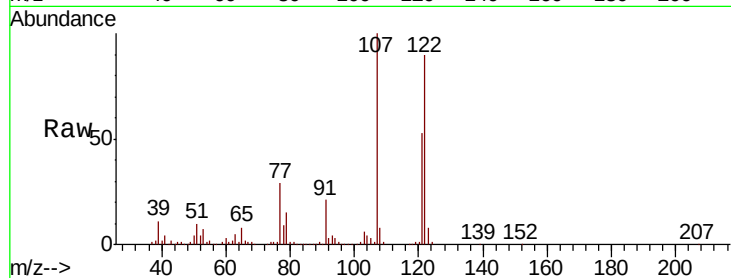
Tot Ion:122 Resp: 622070

Ion Ratio Lower Upper

122 100

107 111.6 88.0 132.0

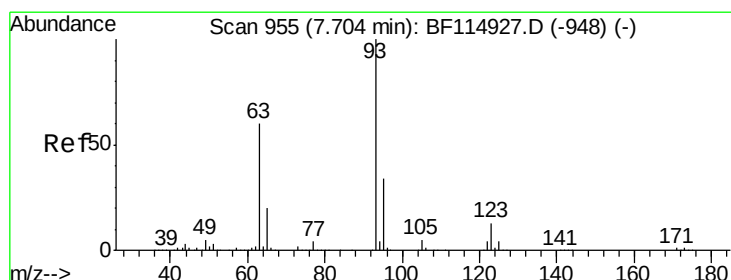
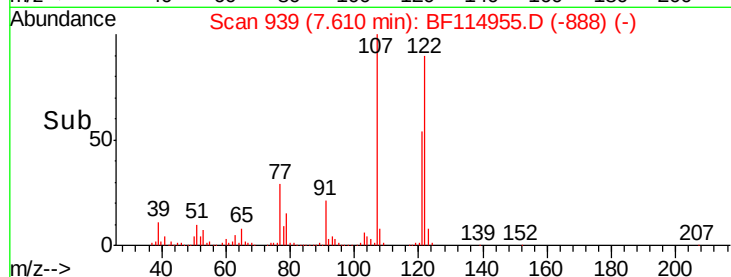
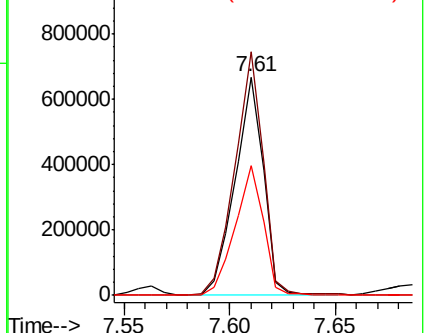
121 59.7 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.535 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

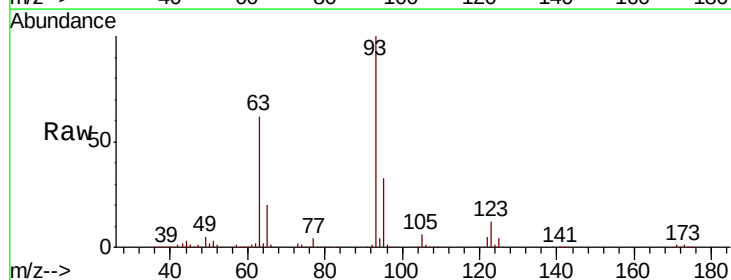
Tgt Ion: 93 Resp: 837117

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

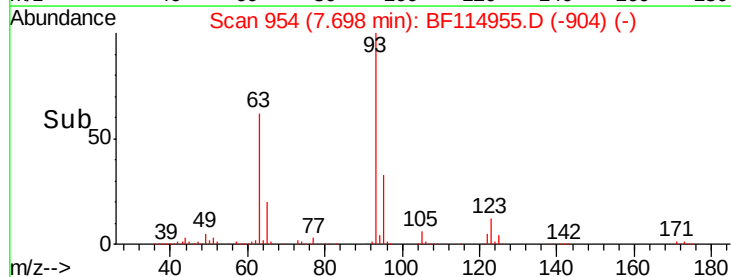
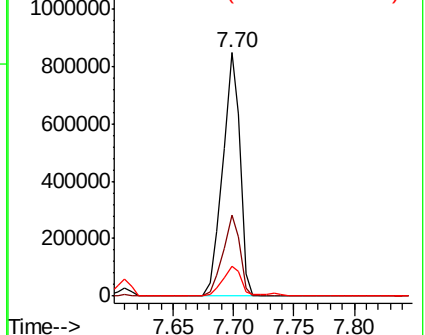
123 12.0 10.3 15.5

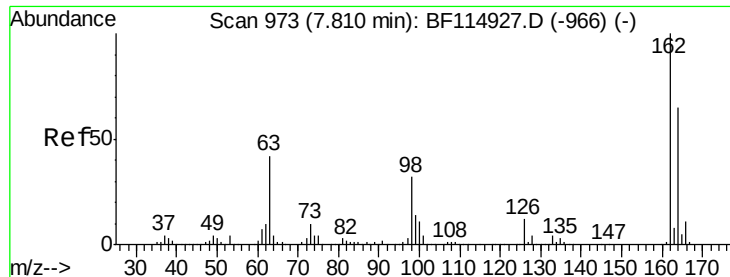


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

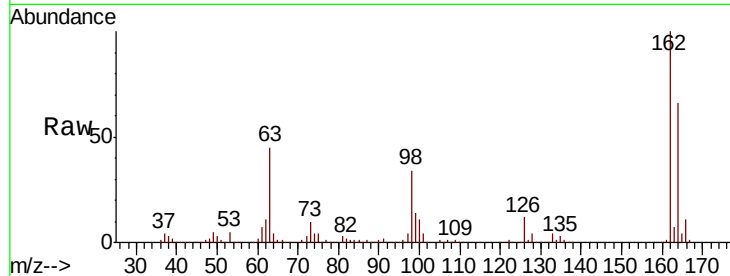




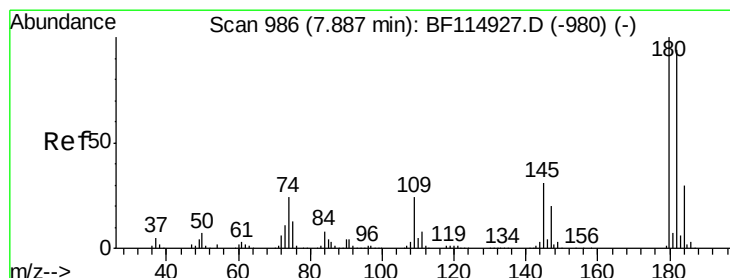
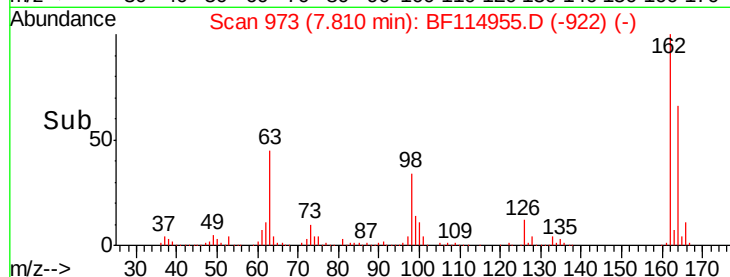
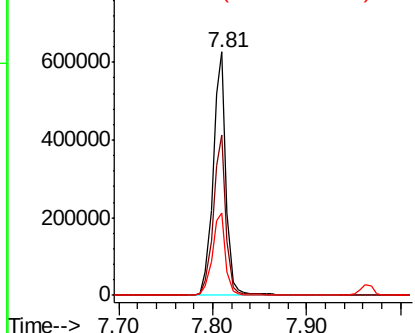
#29
 2,4-Dichlorophenol
 Concen: 44.930 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 610811
 Ion Ratio Lower Upper
 162 100
 164 65.7 45.4 85.4
 98 33.7 12.5 52.5

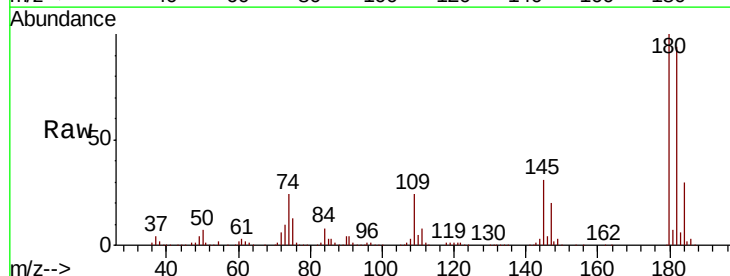


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

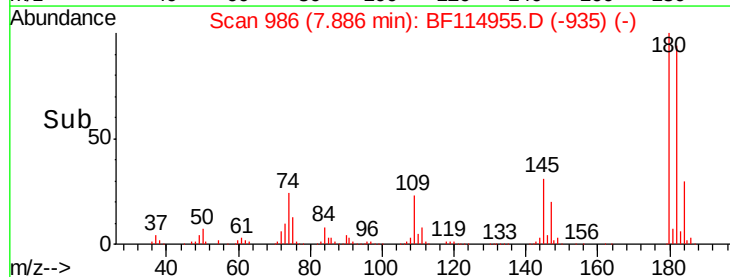
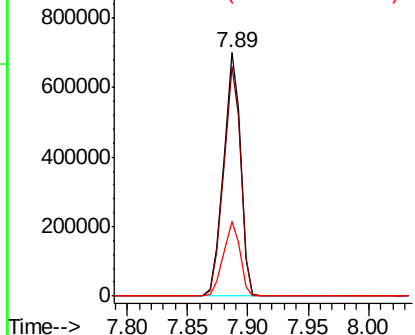


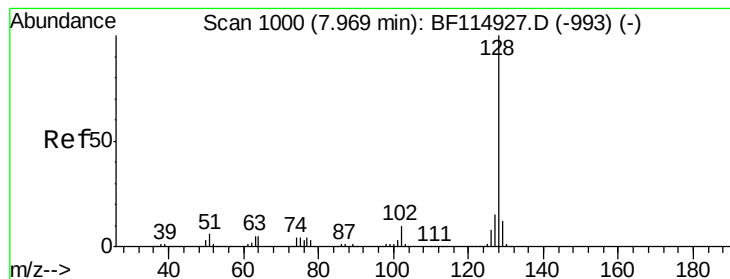
#30
 1,2,4-Trichlorobenzene
 Concen: 43.502 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:180 Resp: 678713
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.6
 145 30.7 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.314 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

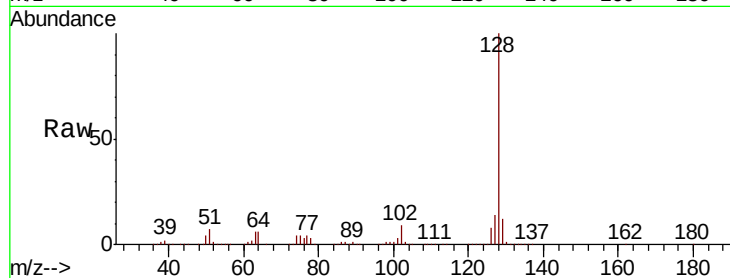
Tot Ion:128 Resp: 2056149

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

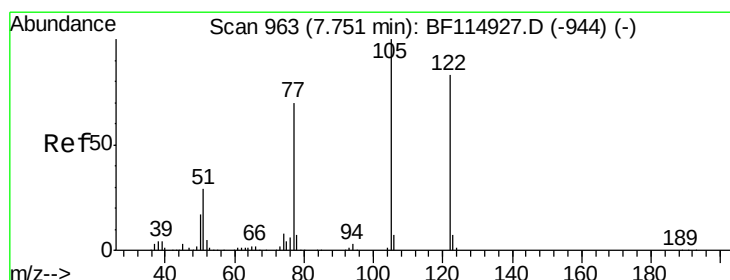
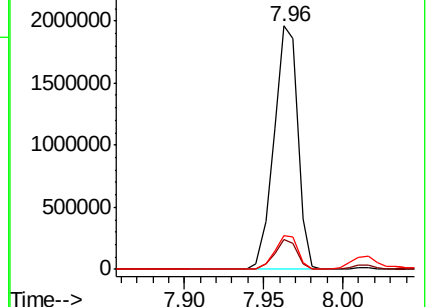
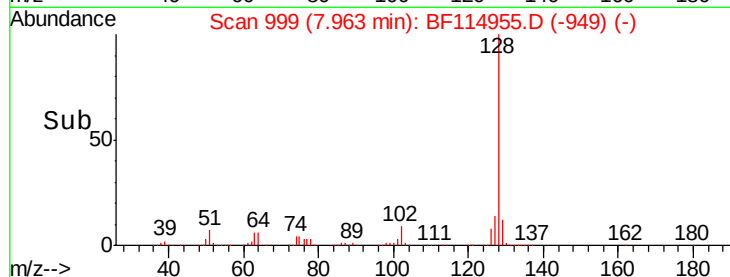
127 14.1 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.721 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

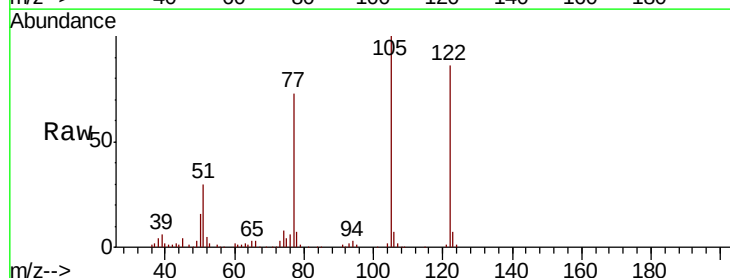
Tgt Ion:122 Resp: 288203

Ion Ratio Lower Upper

122 100

105 116.8 97.7 137.7

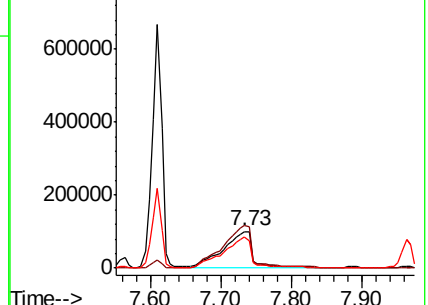
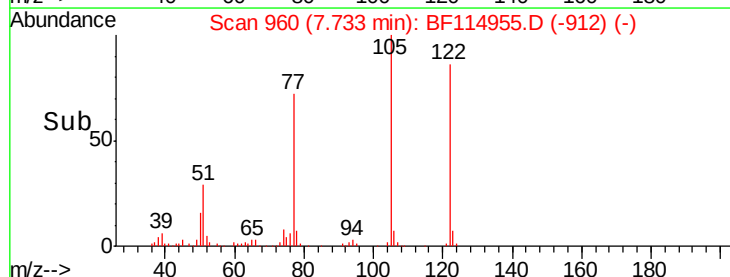
77 85.3 63.0 103.0

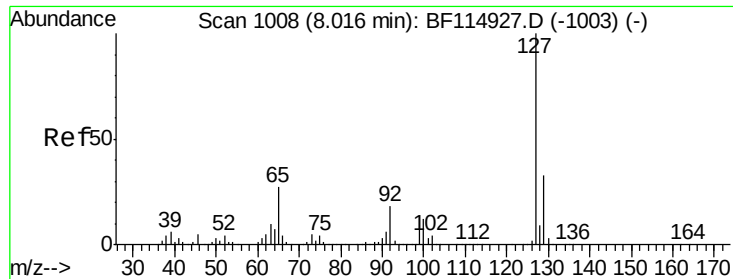


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

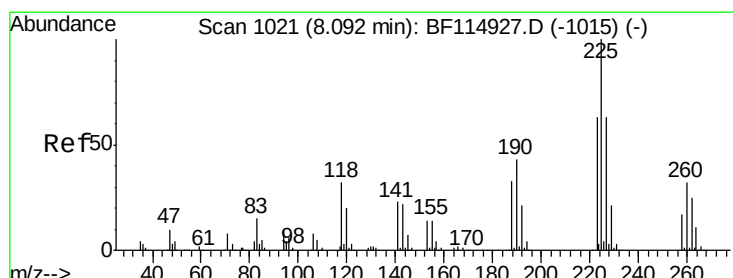
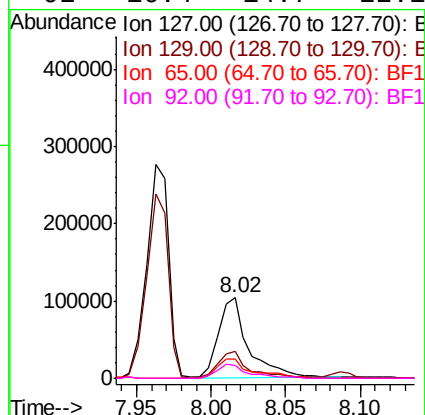
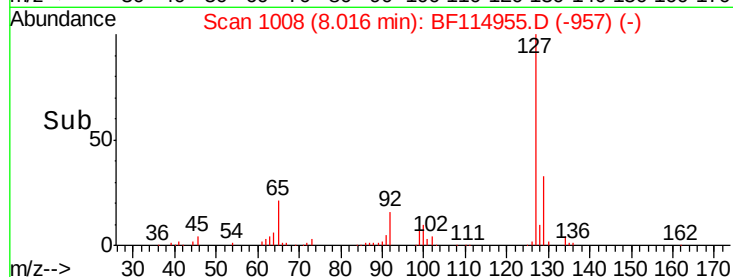
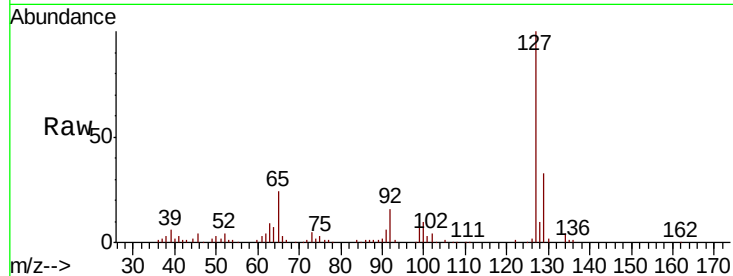




#33
4-Chloroaniline
Concen: 7.109 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

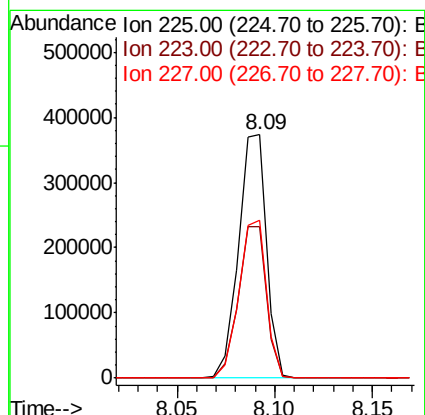
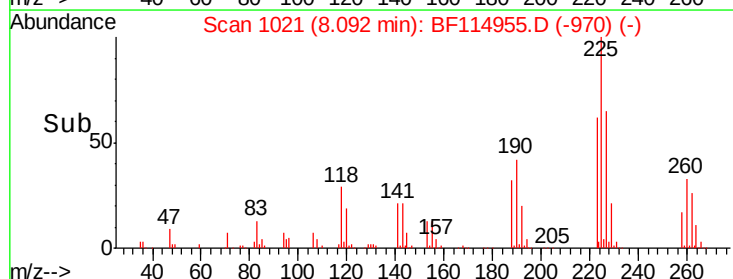
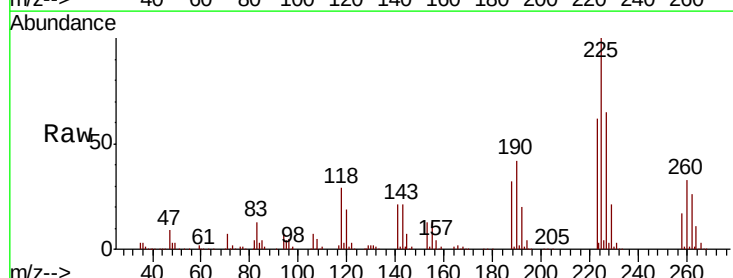
Instrument :
BNA_F
ClientSampleId :

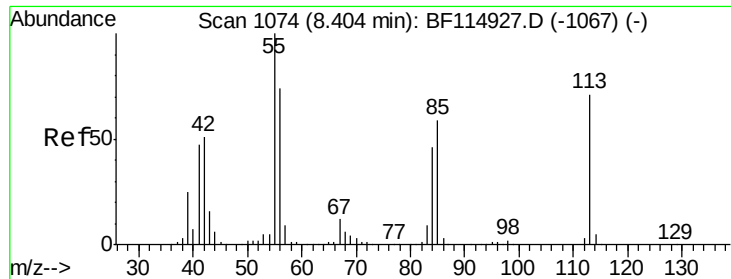
Tot Ion:	127	Resp:	145782
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	24.3	21.5	32.3
92	16.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 42.351 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:	225	Resp:	370606
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	64.9	50.6	75.8

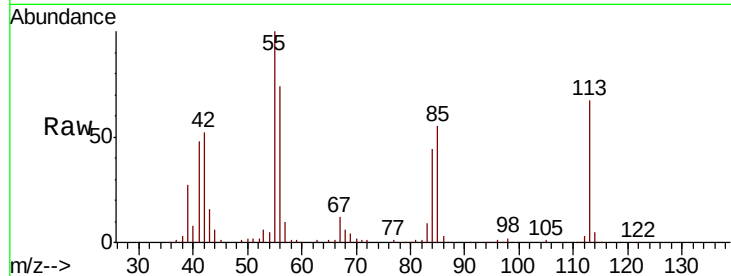




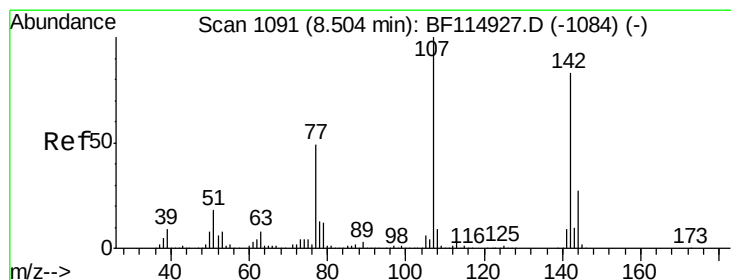
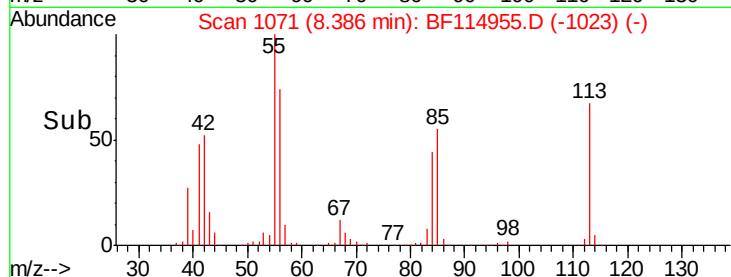
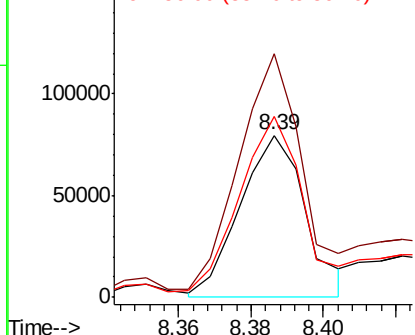
#35
Caprolactam
Concen: 21.750 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 99606
Ion Ratio Lower Upper
113 100
55 150.1 120.9 160.9
56 111.4 84.3 124.3

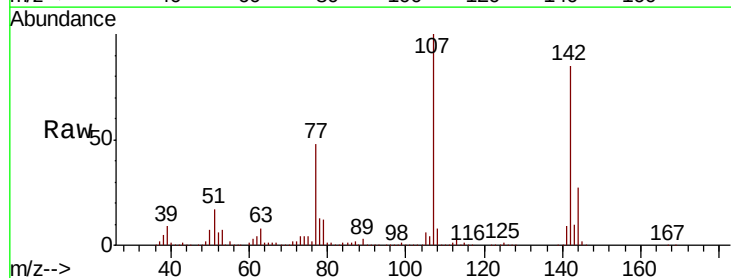


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

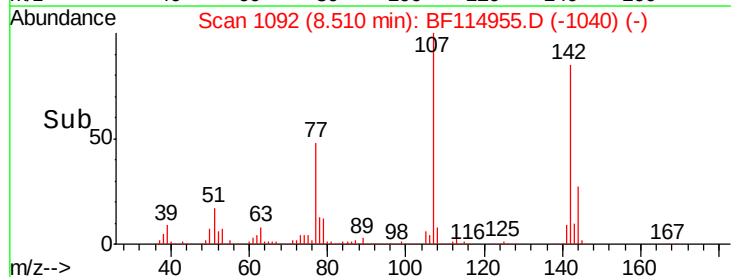
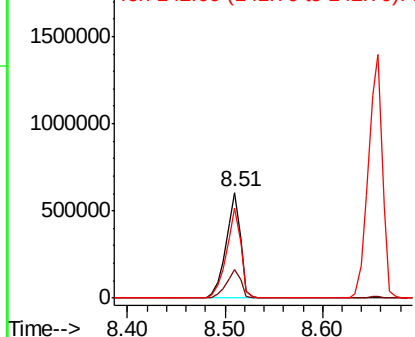


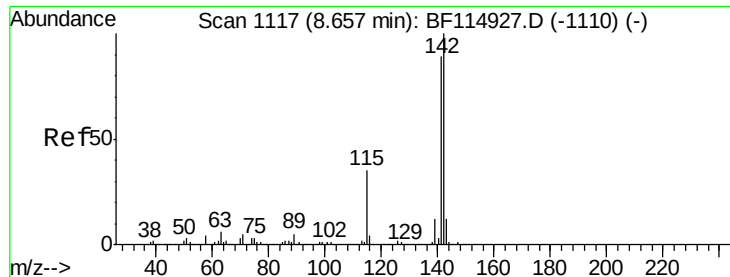
#36
4-Chloro-3-methylphenol
Concen: 45.332 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:107 Resp: 625945
Ion Ratio Lower Upper
107 100
144 27.0 21.6 32.4
142 84.9 66.1 99.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

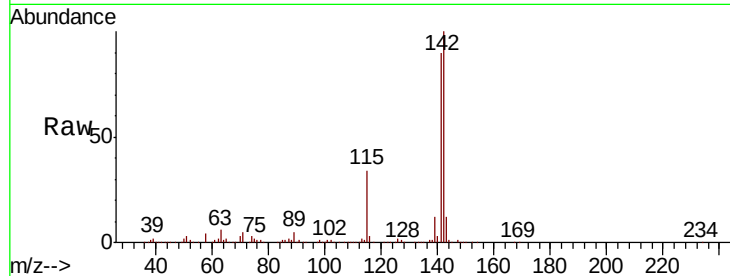




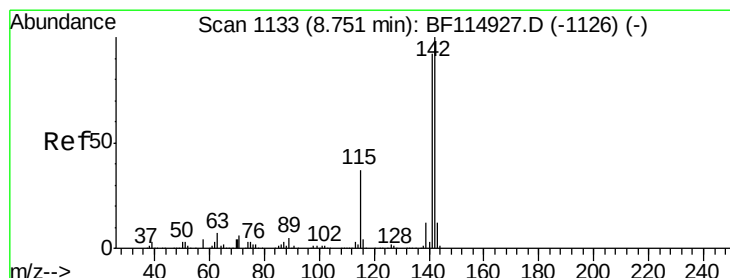
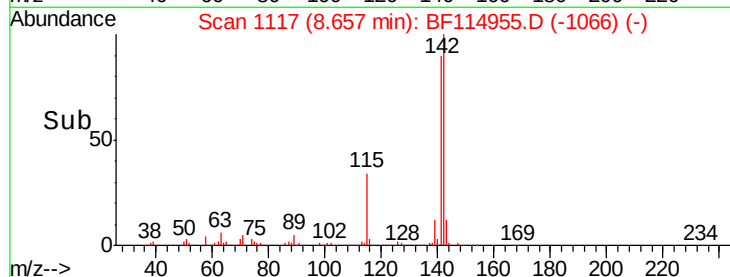
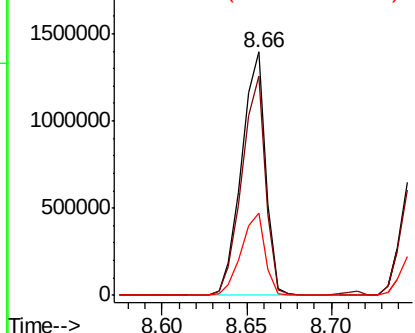
#37
2-Methylnaphthalene
Concen: 47.053 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1389521
Ion Ratio Lower Upper
142 100
141 90.2 71.1 106.7
115 34.0 27.8 41.6

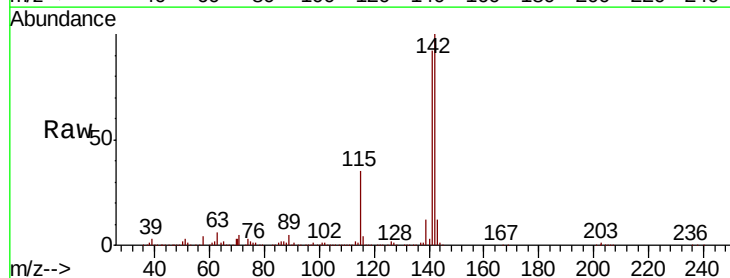


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

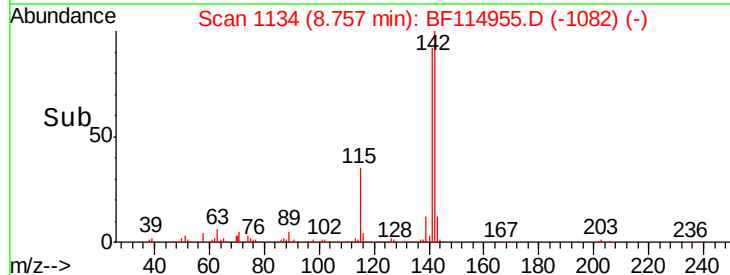
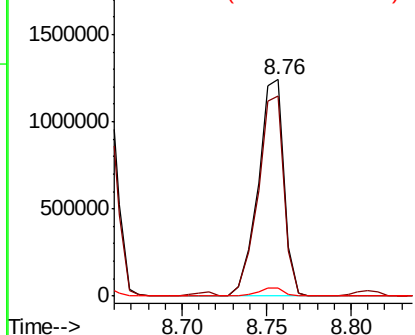


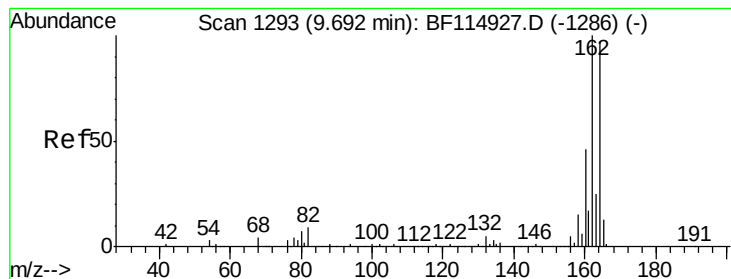
#38
1-Methylnaphthalene
Concen: 46.924 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:142 Resp: 1310593
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5
116 3.5 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

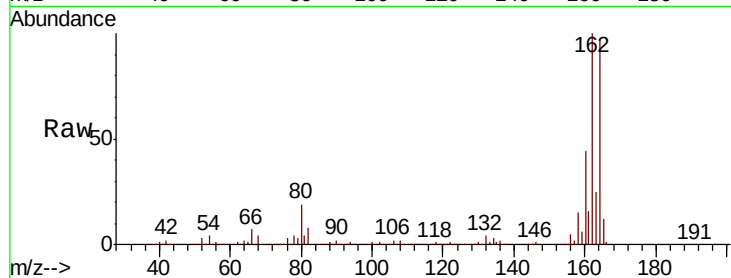
Tot Ion:164 Resp: 449737

Ion Ratio Lower Upper

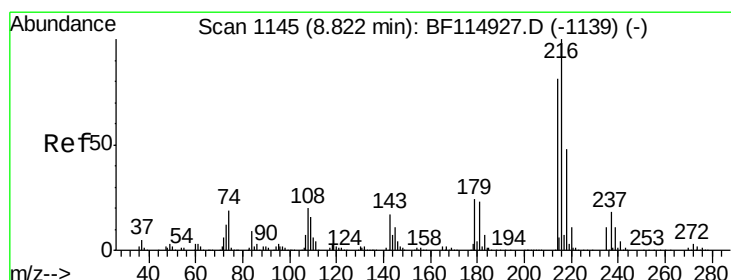
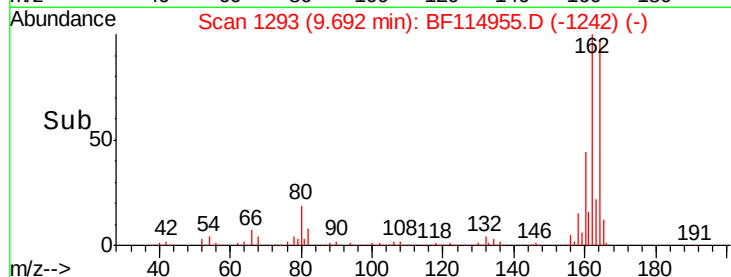
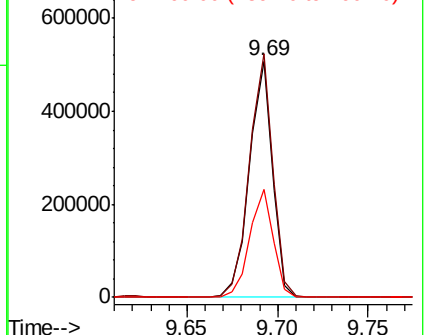
164 100

162 103.2 82.4 123.6

160 45.9 37.5 56.3



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: 48.084 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion:216 Resp: 621755

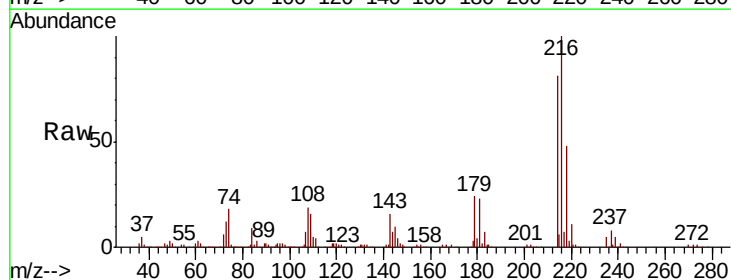
Ion Ratio Lower Upper

216 100

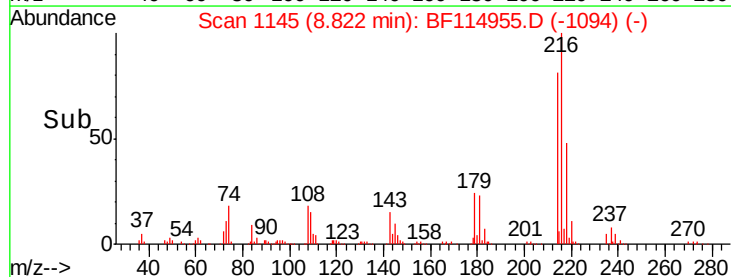
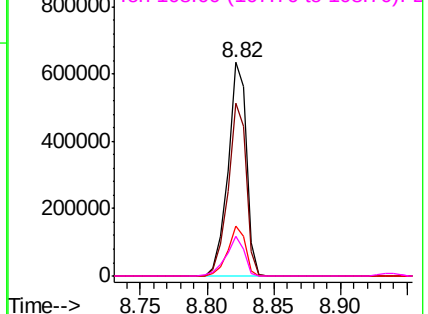
214 79.8 63.8 95.8

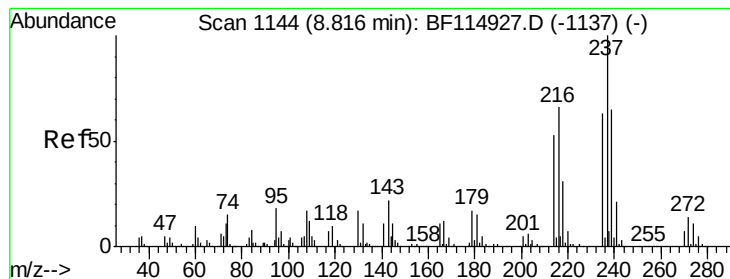
179 22.4 18.5 27.7

108 18.6 15.6 23.4



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: 34.672 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

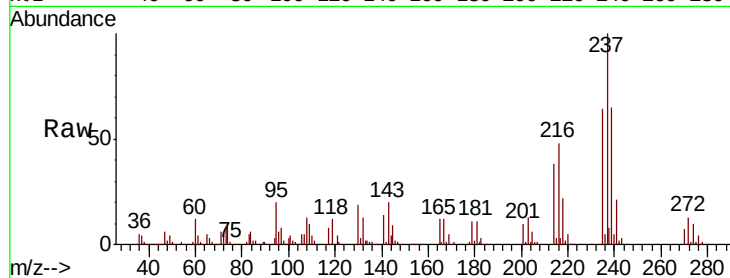
Tot Ion:237 Resp: 254844

Ion Ratio Lower Upper

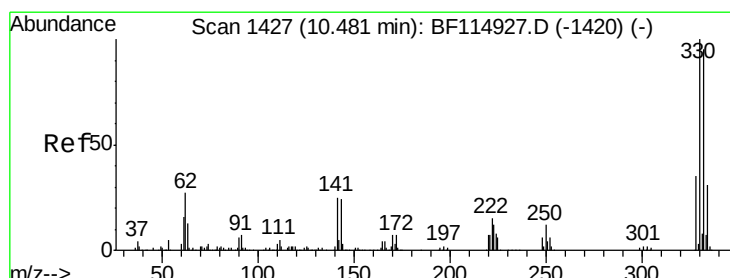
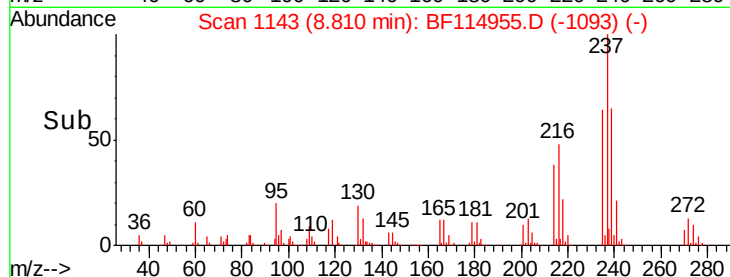
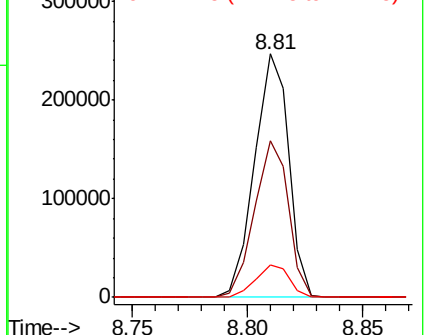
237 100

235 64.3 43.3 83.3

272 13.3 0.0 33.5



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: 117.895 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

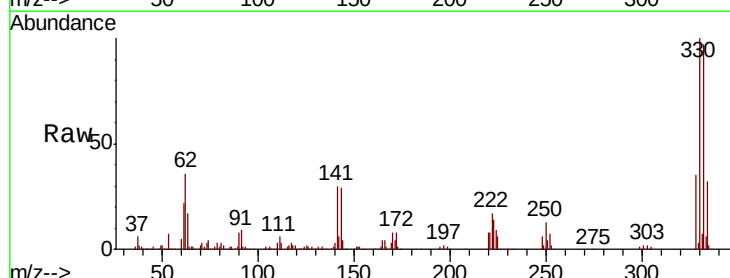
Tgt Ion:330 Resp: 576775

Ion Ratio Lower Upper

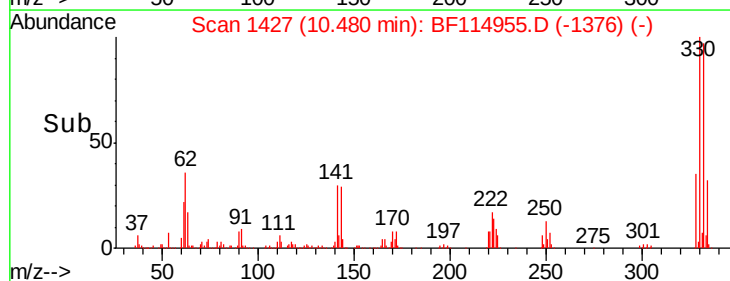
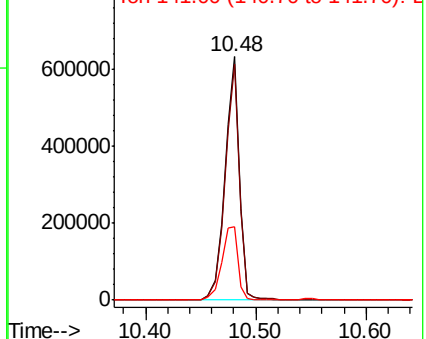
330 100

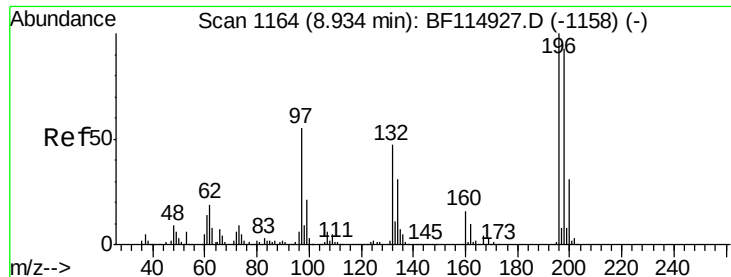
332 96.6 76.4 114.6

141 33.8 26.8 40.2



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

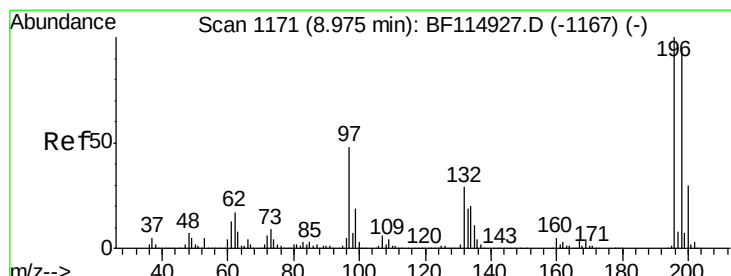
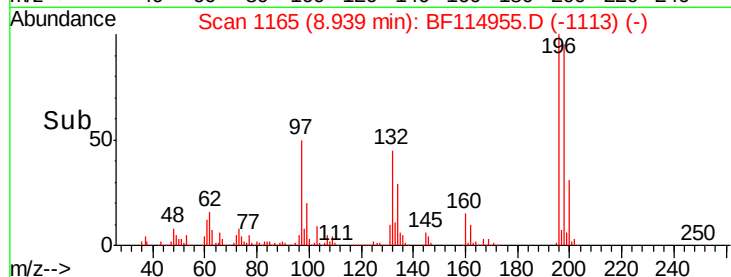
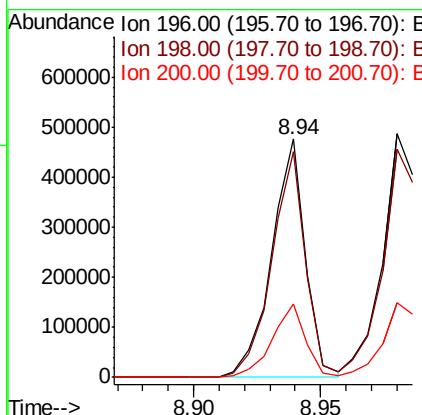
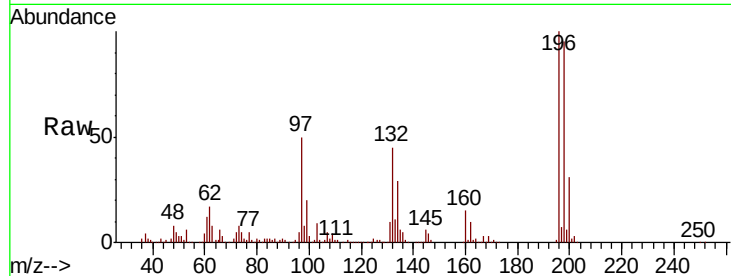




#43
 2,4,6-Trichlorophenol
 Concen: 45.160 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

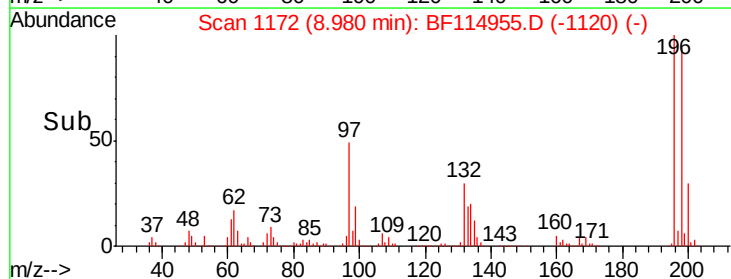
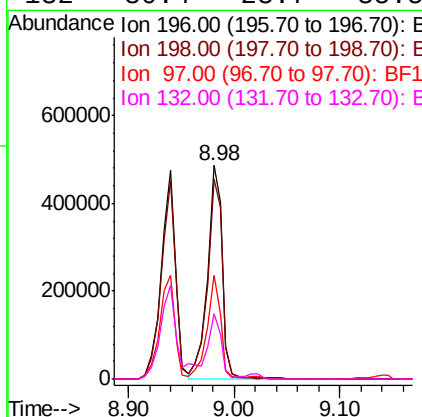
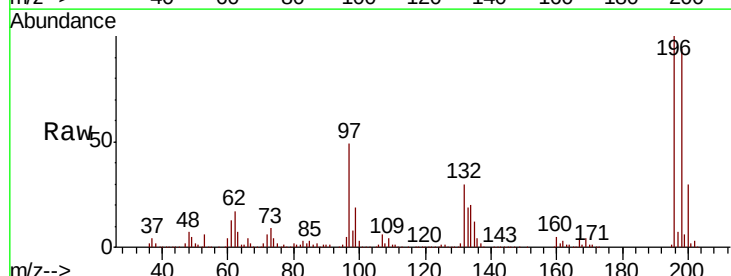
Instrument :
 BNA_F
 ClientSampleId :

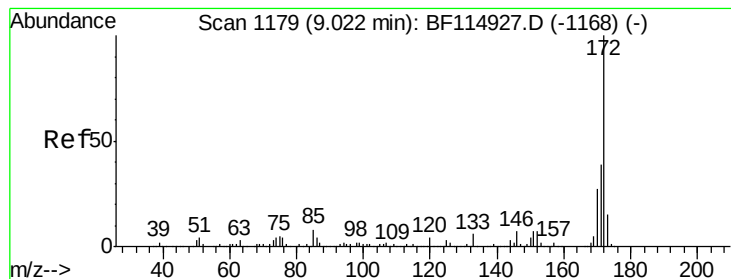
Tot Ion:196 Resp: 443414
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.8 112.2
 200 30.9 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.813 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:196 Resp: 473934
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.6 113.4
 97 48.7 38.6 57.8
 132 30.4 23.7 35.5

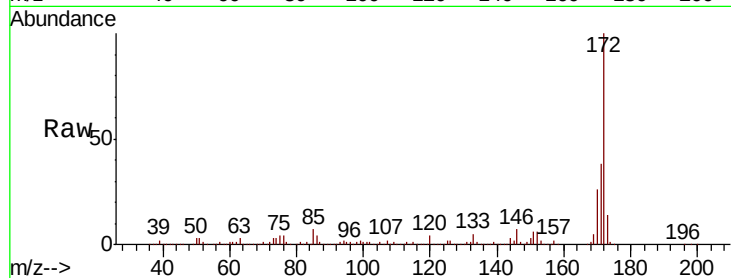




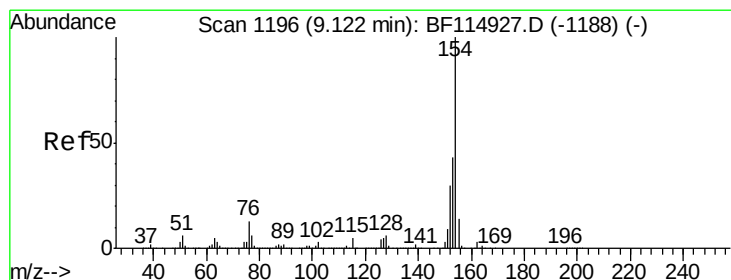
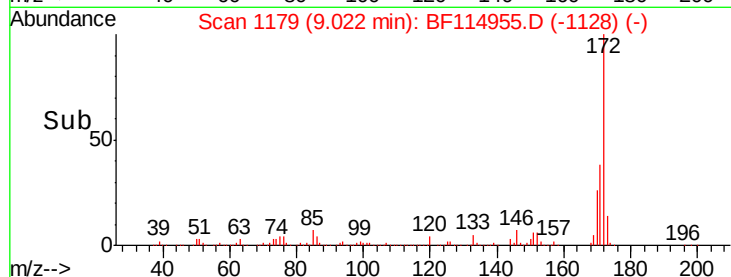
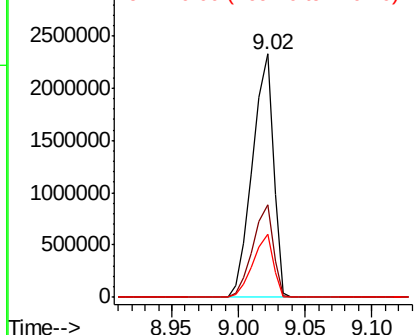
#45
2-Fluorobiphenyl
Concen: 88.507 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2508076
Ion Ratio Lower Upper
172 100
171 38.0 31.3 46.9
170 25.8 21.4 32.0

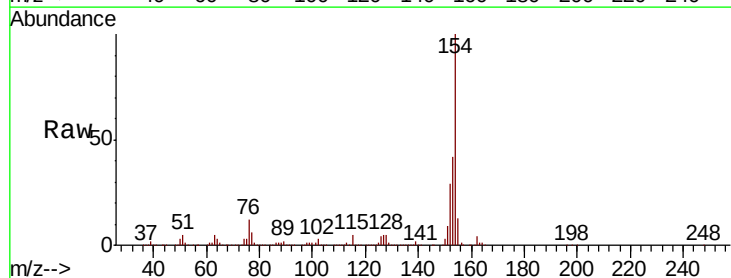


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

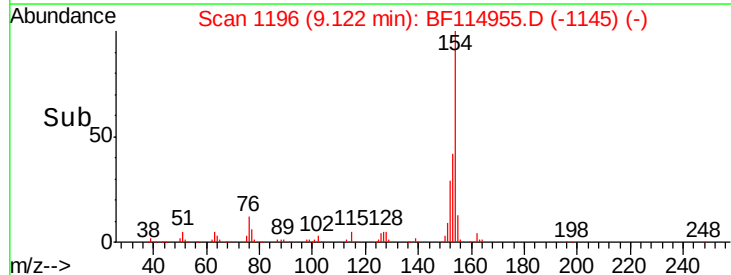
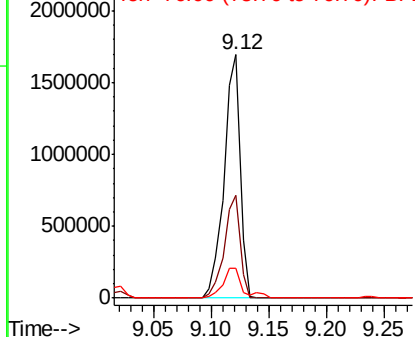


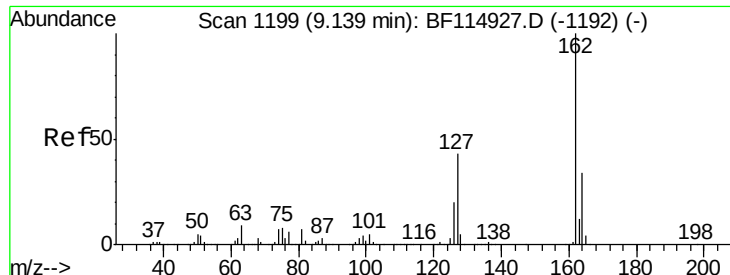
#46
1,1'-Biphenyl
Concen: 48.657 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:154 Resp: 1637153
Ion Ratio Lower Upper
154 100
153 42.0 22.8 62.8
76 12.2 0.0 33.0



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

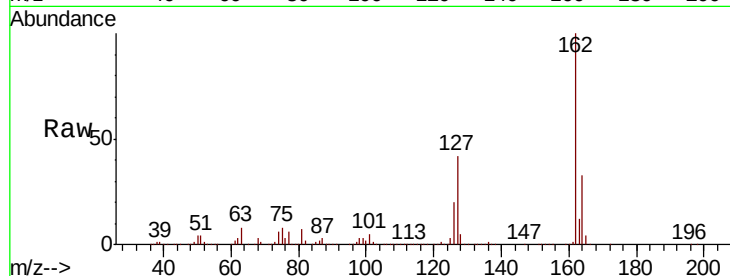




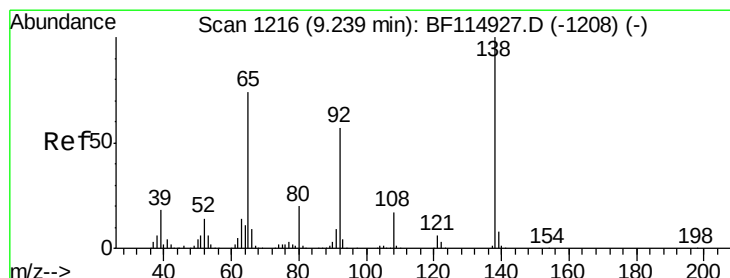
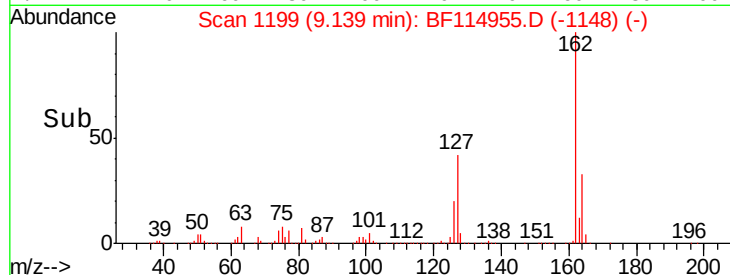
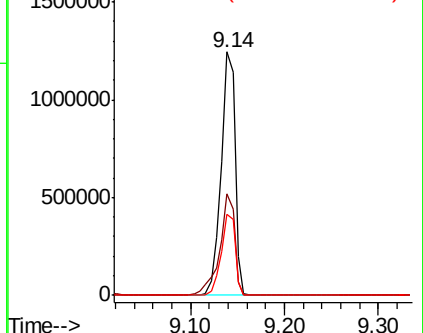
#47
 2-Chloronaphthalene
 Concen: 45.559 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1294023
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.6 51.8
 164 33.4 27.5 41.3

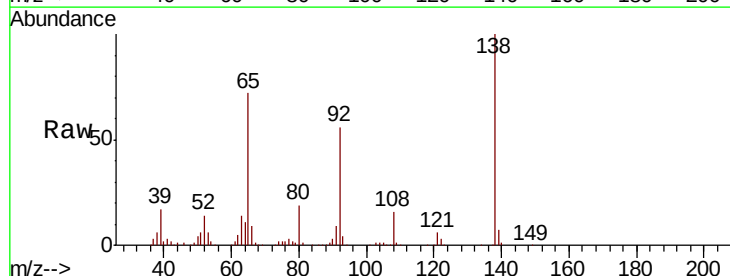


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

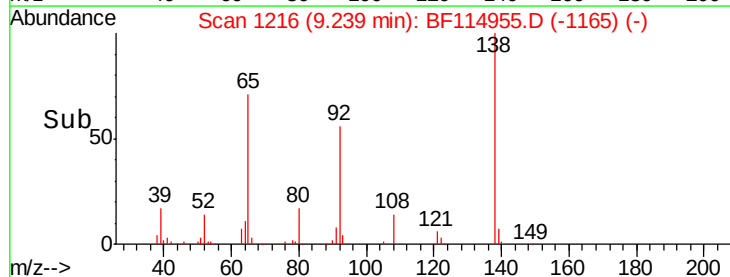
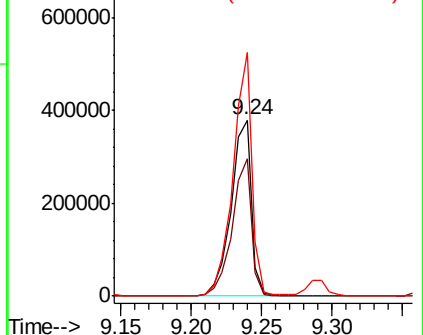


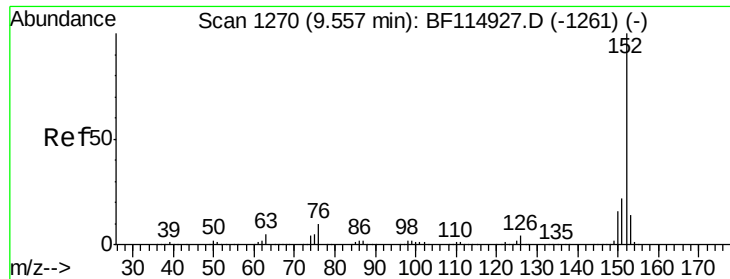
#48
 2-Nitroaniline
 Concen: 43.993 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion: 65 Resp: 380354
 Ion Ratio Lower Upper
 65 100
 92 77.8 61.9 92.9
 138 138.5 108.6 162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.585 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

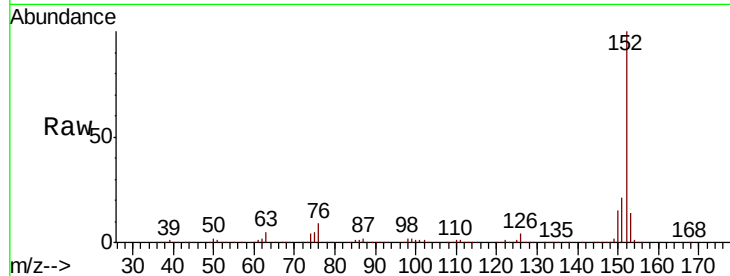
Tot Ion:152 Resp: 1991714

Ion Ratio Lower Upper

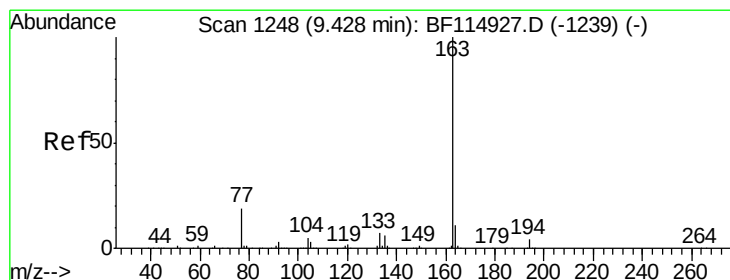
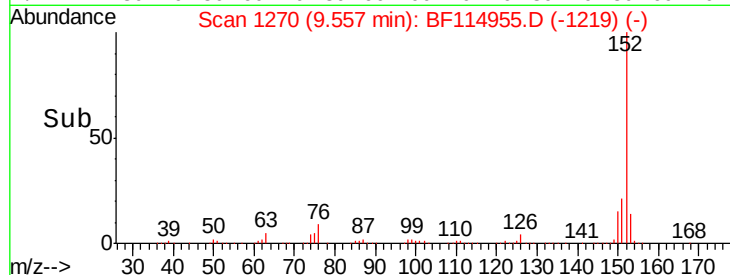
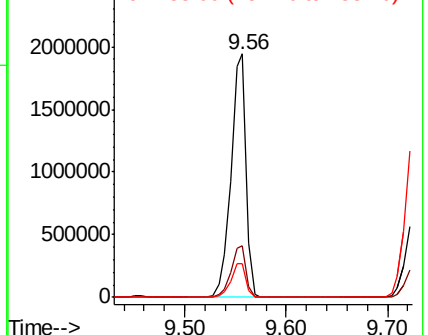
152 100

151 21.1 17.6 26.4

153 13.6 11.4 17.0



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: 46.558 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

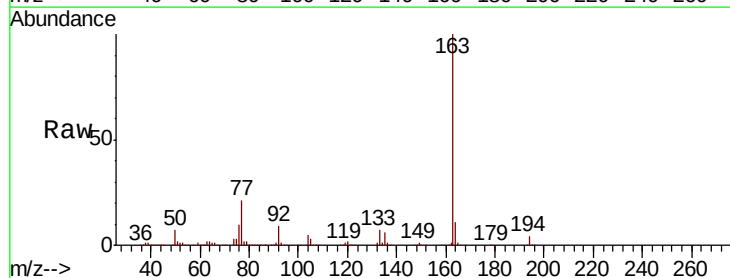
Tgt Ion:163 Resp: 1573758

Ion Ratio Lower Upper

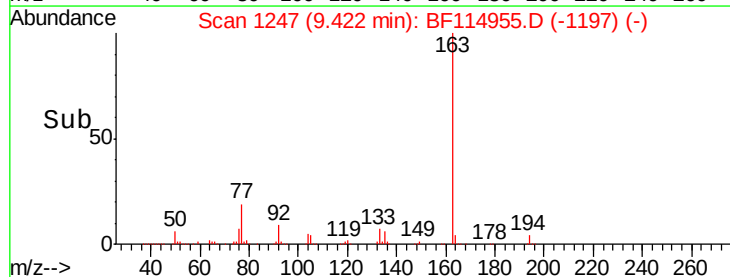
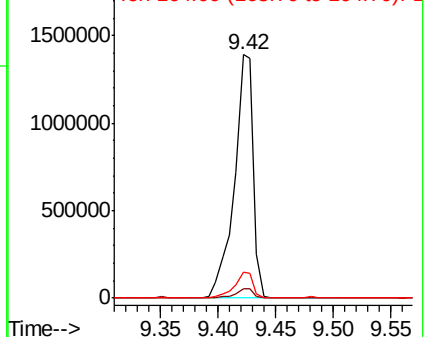
163 100

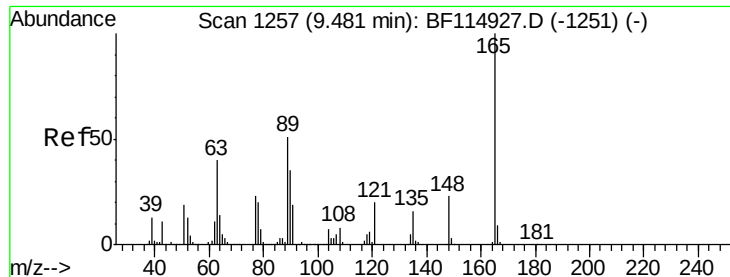
194 3.9 3.4 5.0

164 10.8 8.7 13.1



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

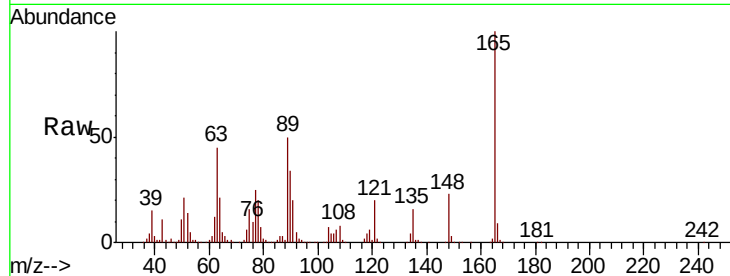




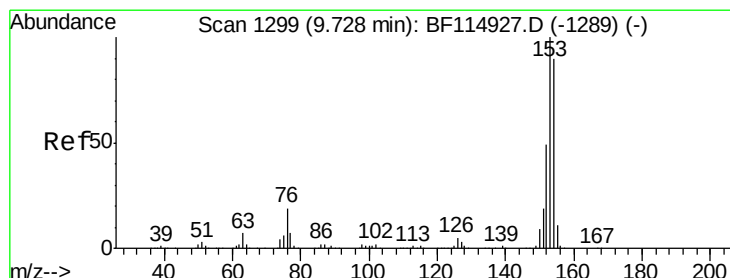
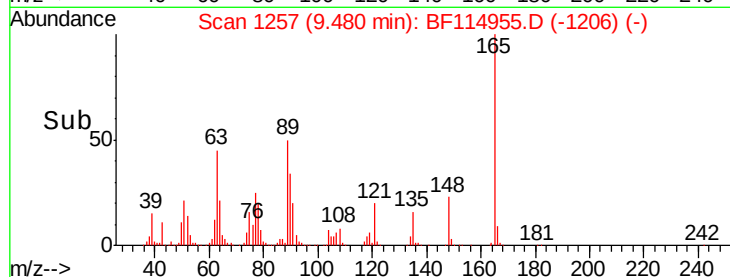
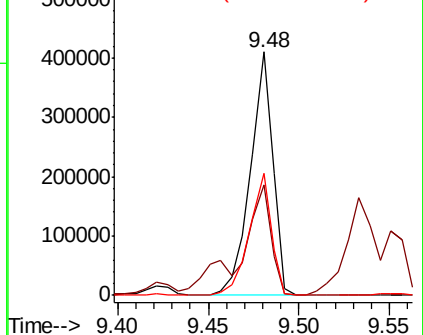
#51
 2,6-Dinitrotoluene
 Concen: 45.870 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 356125
 Ion Ratio Lower Upper
 165 100
 63 45.2 38.3 57.5
 89 50.0 40.8 61.2

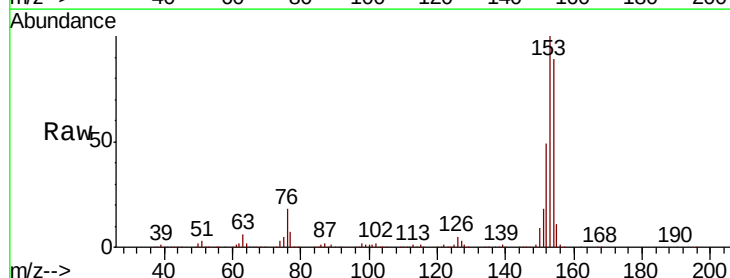


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

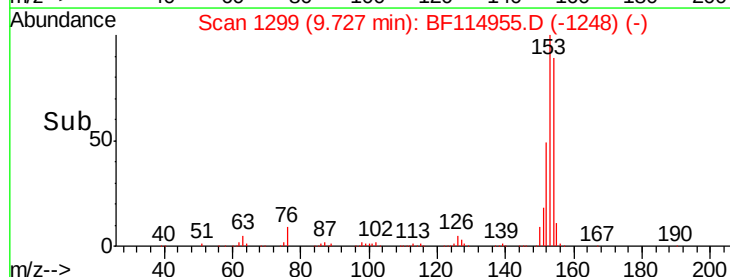
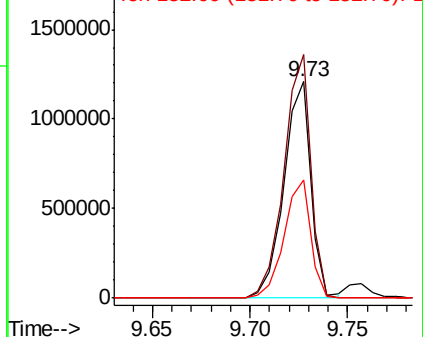


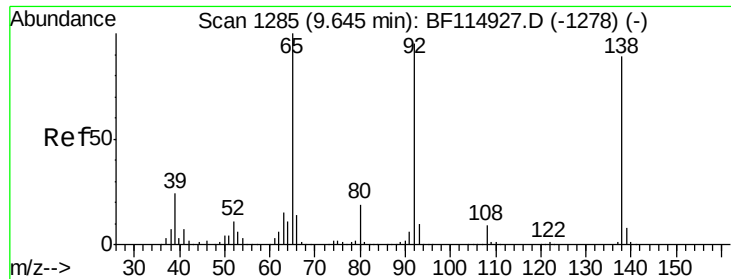
#52
 Acenaphthene
 Concen: 45.659 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:154 Resp: 1157795
 Ion Ratio Lower Upper
 154 100
 153 112.4 89.1 133.7
 152 54.8 43.8 65.6



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

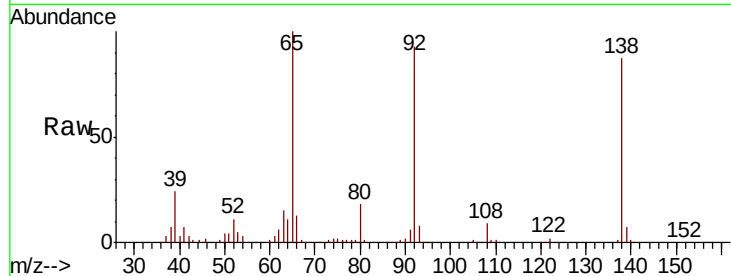




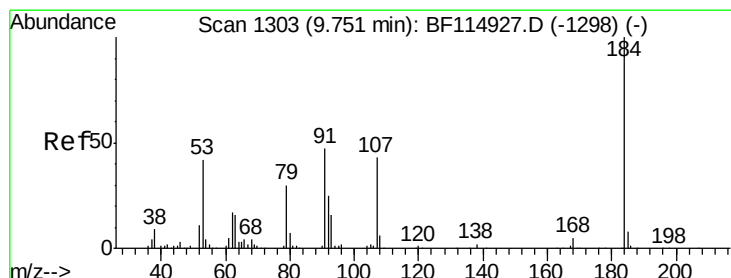
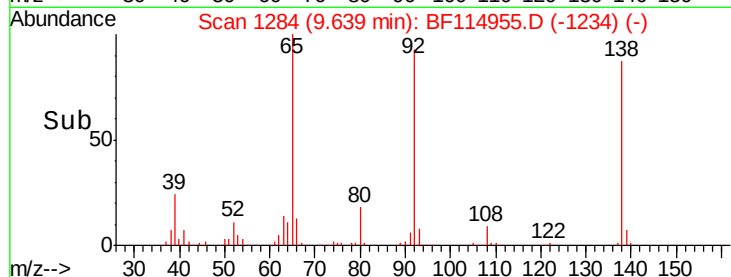
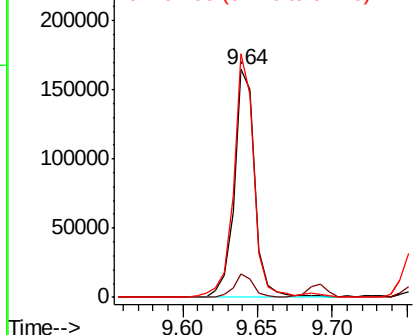
#53
3-Nitroaniline
Concen: 17.105 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 159471
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 106.8 85.0 127.6

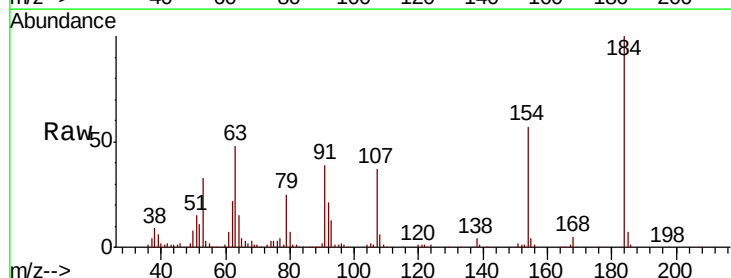


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

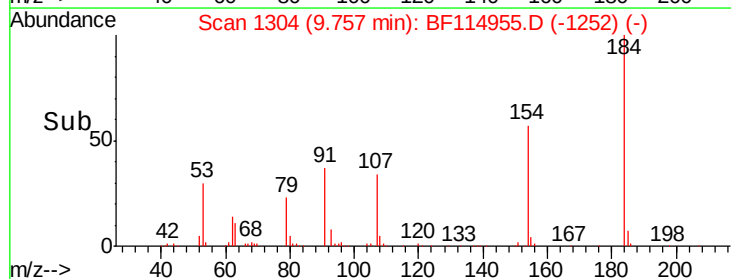
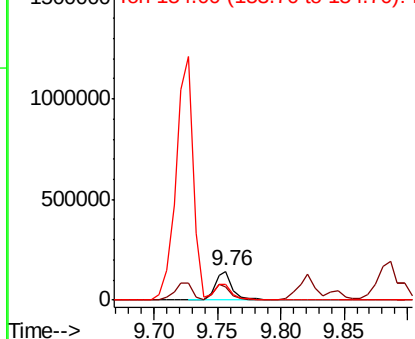


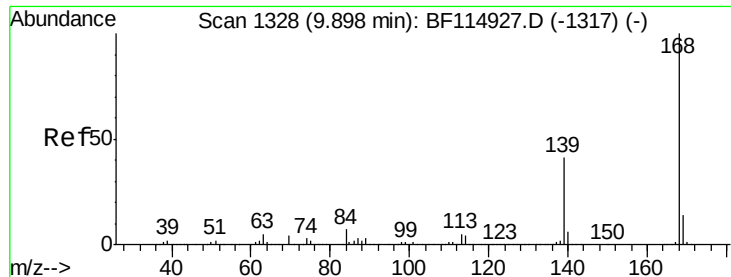
#54
2,4-Dinitrophenol
Concen: 37.753 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:184 Resp: 145068
Ion Ratio Lower Upper
184 100
63 47.7 47.4 71.0
154 57.4 48.6 73.0



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

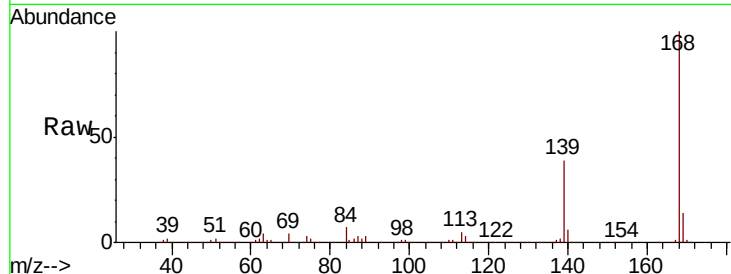




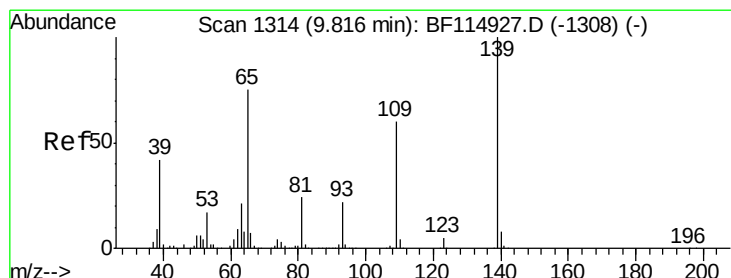
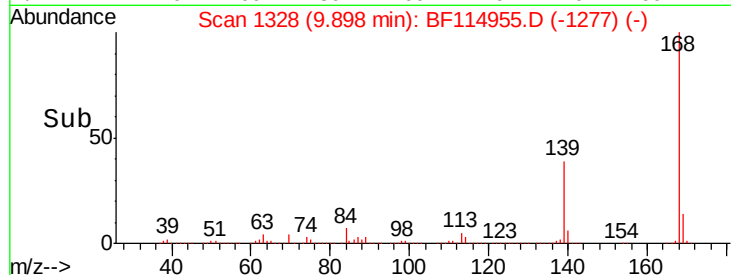
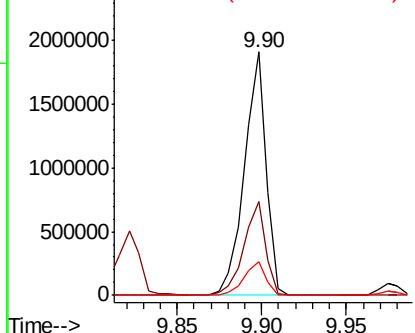
#55
Dibenzofuran
Concen: 47.666 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1725365
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.4
169 14.0 11.6 17.4

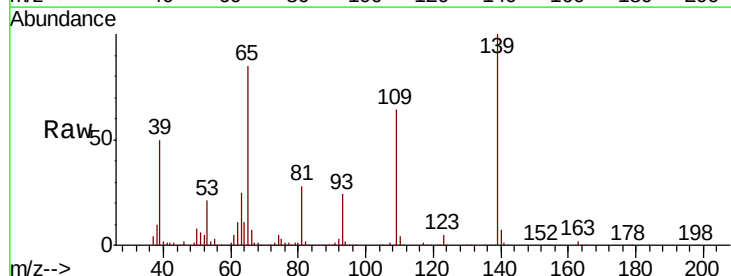


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

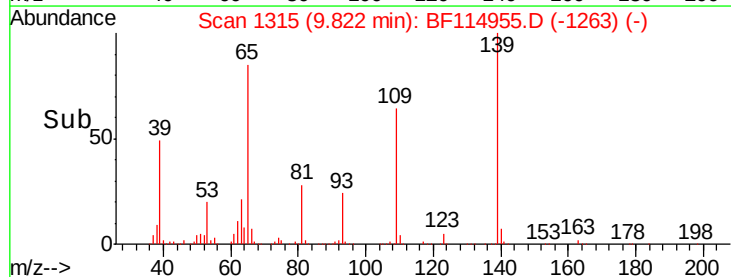
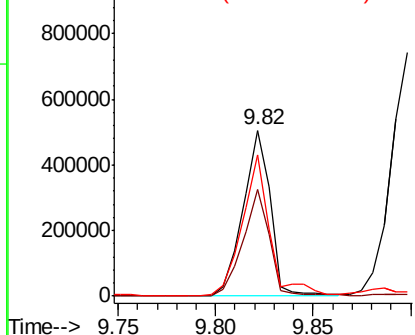


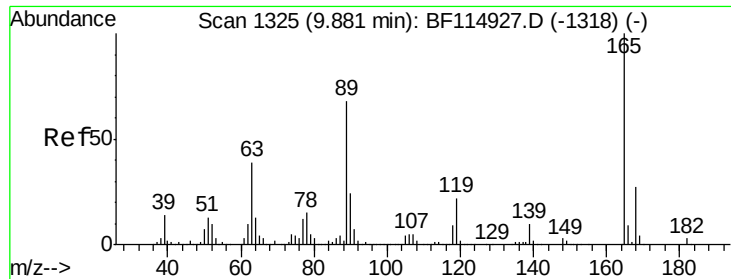
#56
4-Nitrophenol
Concen: 74.145 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:139 Resp: 492651
Ion Ratio Lower Upper
139 100
109 64.4 40.0 80.0
65 85.4 55.0 95.0



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: 46.108 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 452481

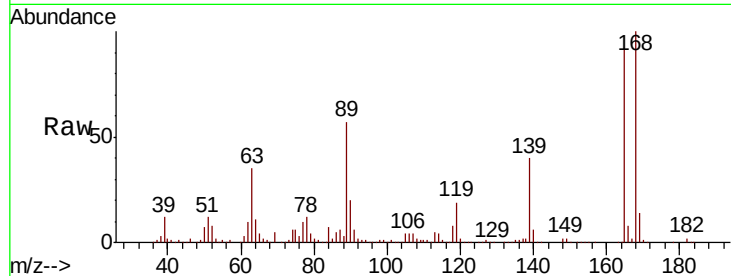
Ion Ratio Lower Upper

165 100

63 38.6 31.8 47.6

89 62.2 54.2 81.2

182 2.7 2.1 3.1

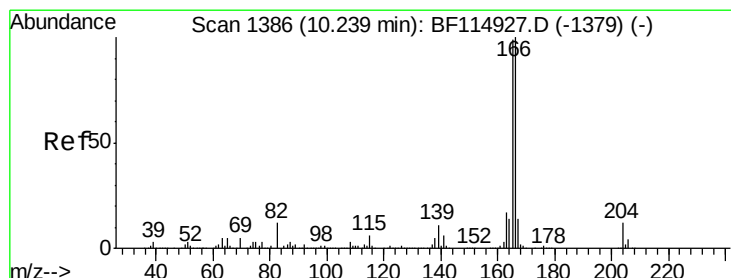
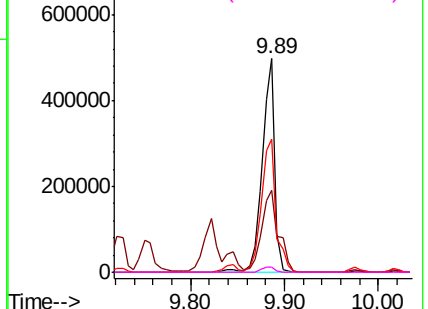
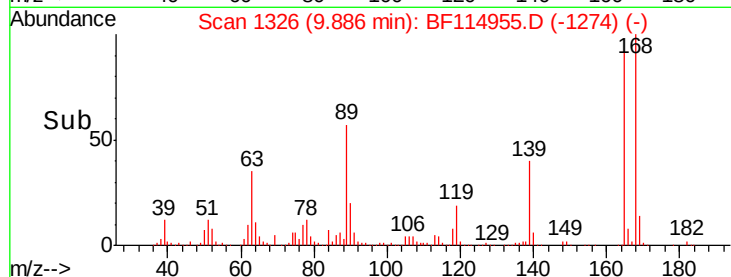


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.184 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

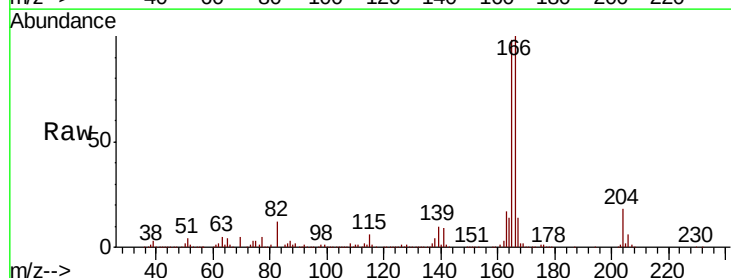
Tgt Ion:166 Resp: 1232862

Ion Ratio Lower Upper

166 100

165 97.7 79.2 118.8

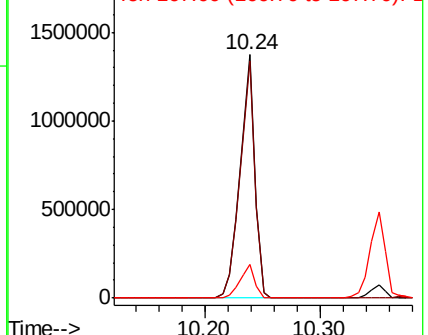
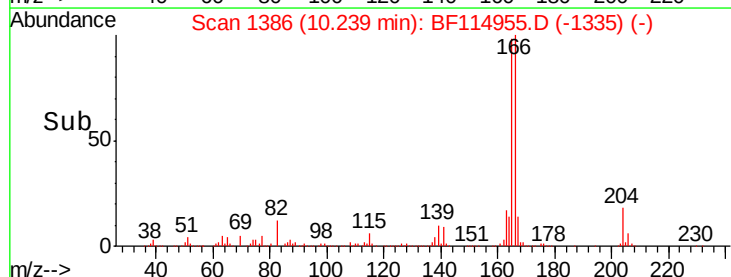
167 13.6 11.0 16.6

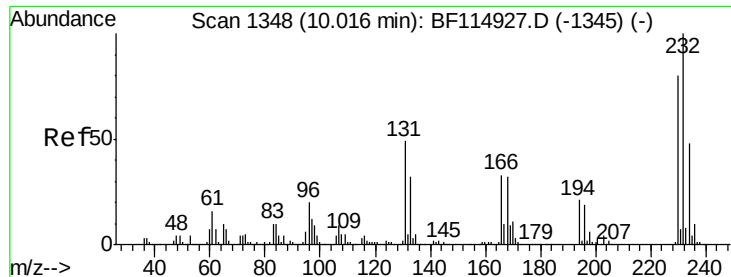


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

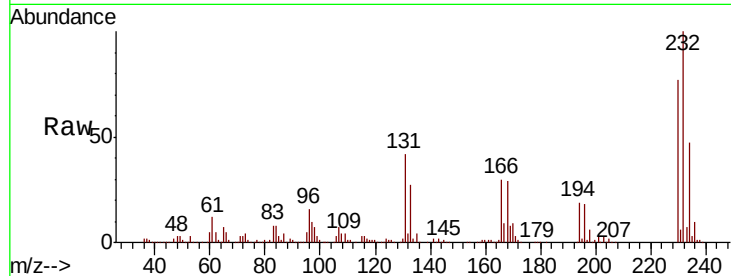




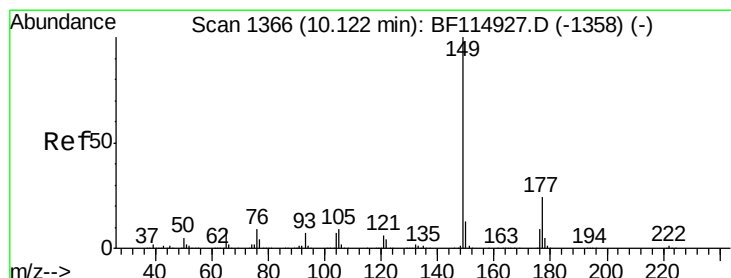
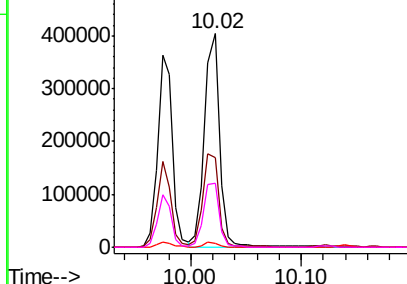
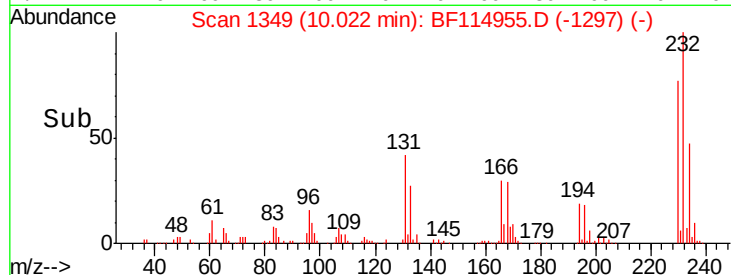
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.341 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 371091
 Ion Ratio Lower Upper
 232 100
 131 45.8 37.0 55.4
 130 2.2 1.8 2.6
 166 31.0 25.0 37.6

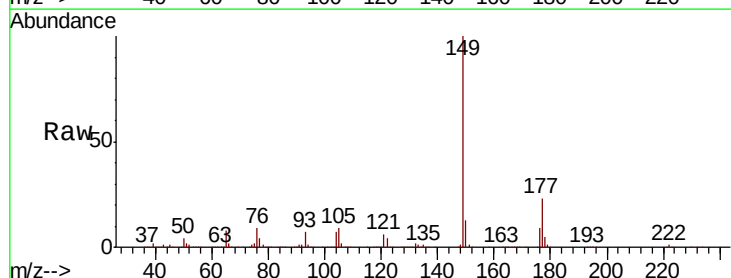


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

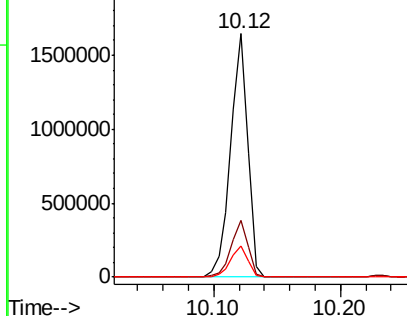
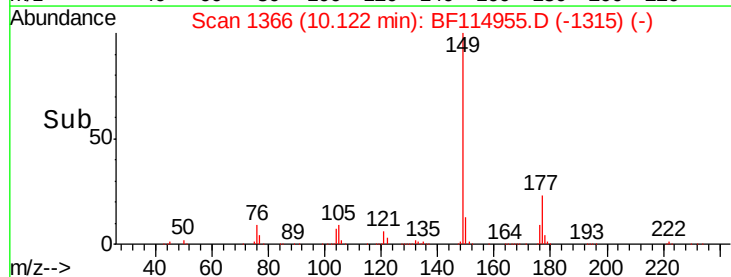


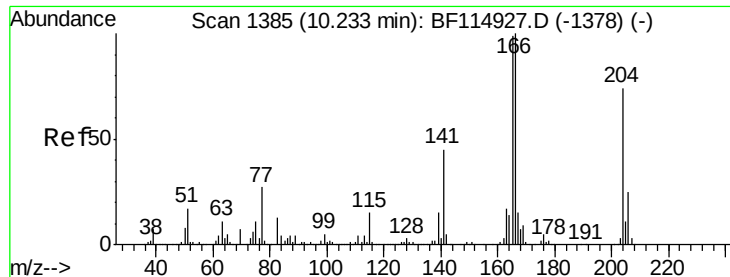
#60
 Diethylphthalate
 Concen: 46.416 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:149 Resp: 1524890
 Ion Ratio Lower Upper
 149 100
 177 23.1 19.1 28.7
 150 13.0 10.6 16.0



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

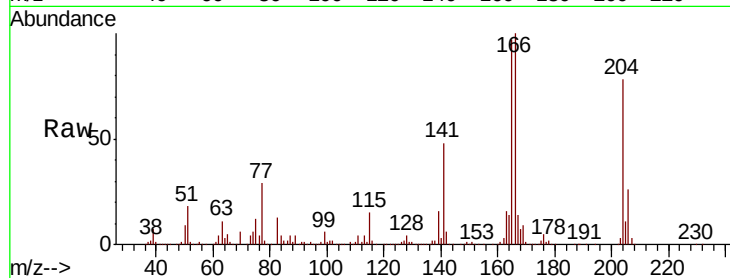




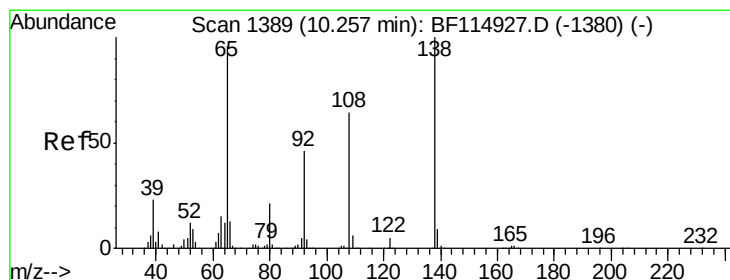
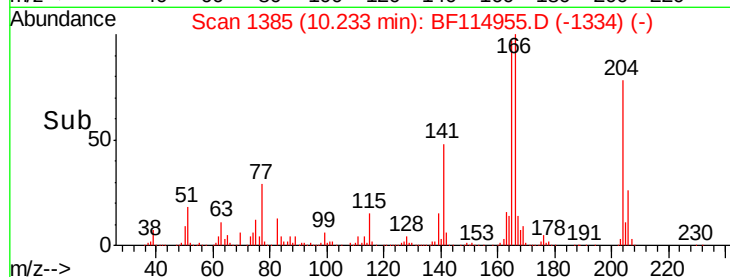
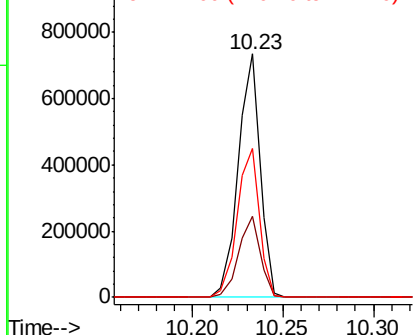
#61
4-Chlorophenyl-phenylether
Concen: 44.343 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 619421
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 61.4 48.5 72.7

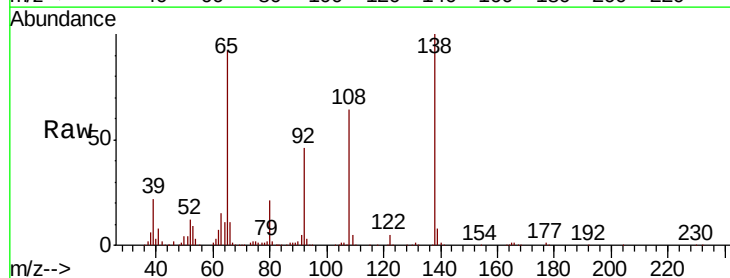


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

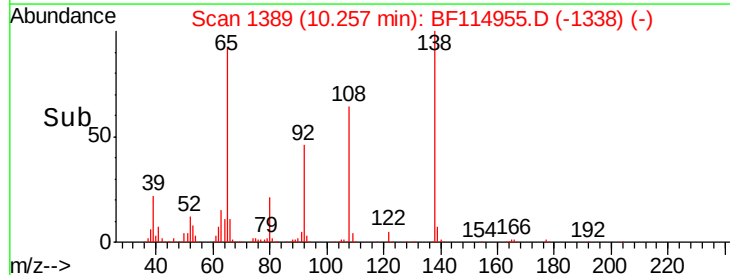
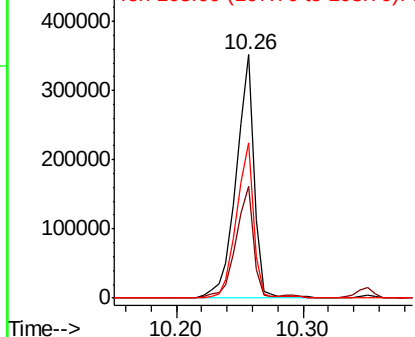


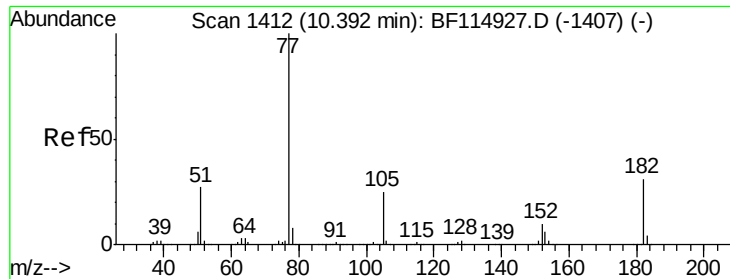
#62
4-Nitroaniline
Concen: 35.851 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:138 Resp: 342537
Ion Ratio Lower Upper
138 100
92 45.7 26.0 66.0
108 63.7 44.0 84.0



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

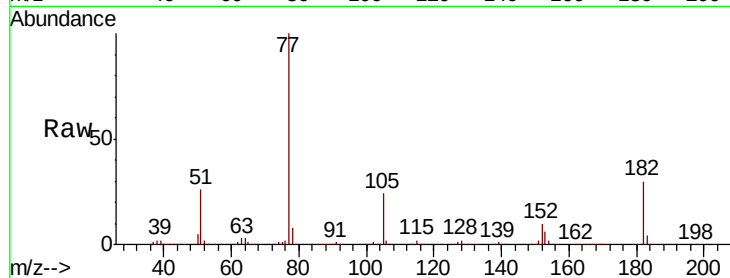




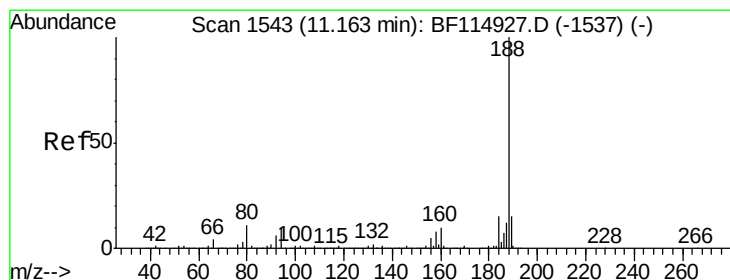
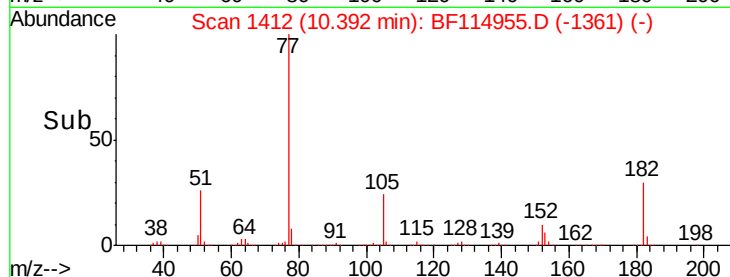
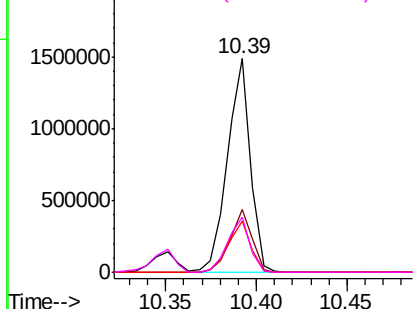
#63
Azobenzene
Concen: 45.414 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1298608
Ion Ratio Lower Upper
77 100
182 29.7 10.8 50.8
105 24.2 5.3 45.3
51 26.1 6.8 46.8

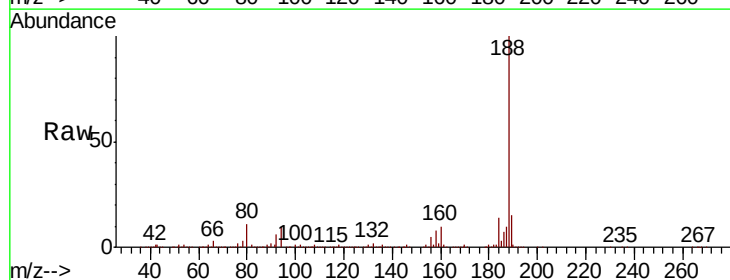


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

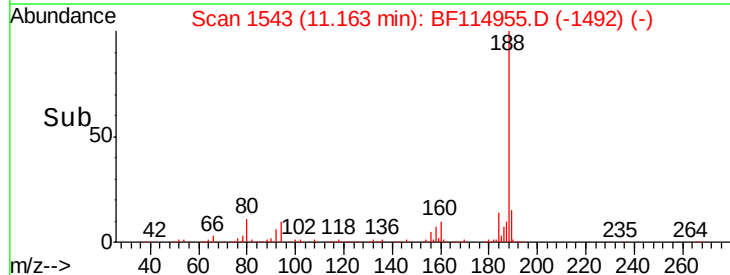
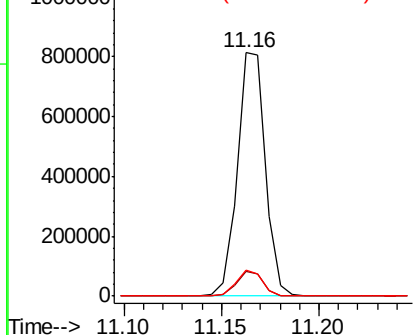


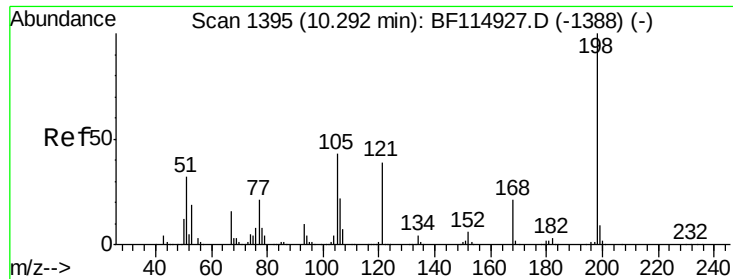
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion: 188 Resp: 804955
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 10.7 8.6 12.8



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

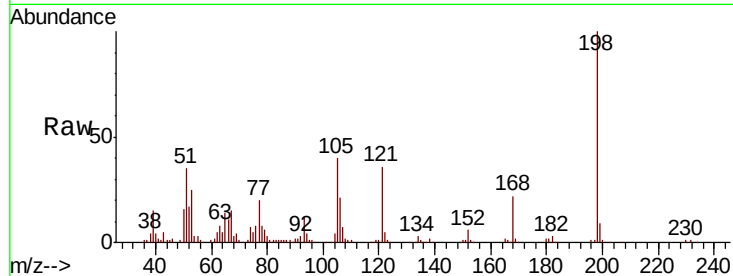




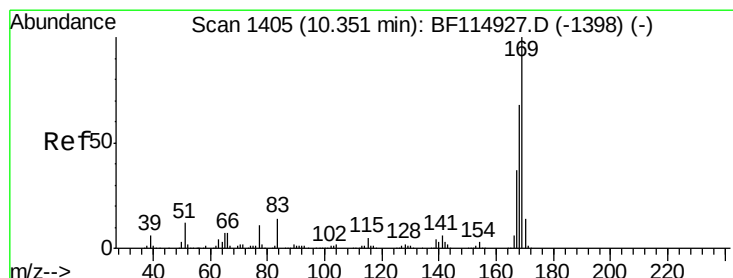
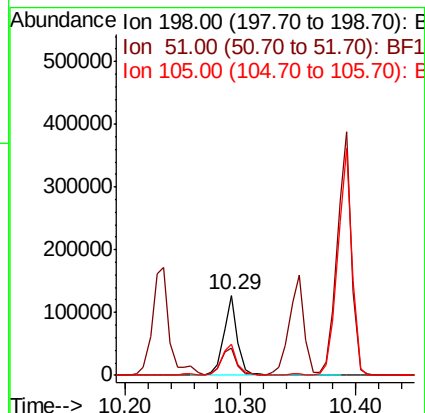
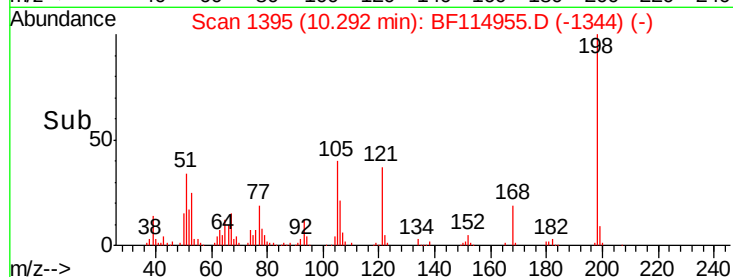
#65
4,6-Dinitro-2-methylphenol
Concen: 23.302 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 105188
Ion Ratio Lower Upper
198 100
51 34.8 16.8 56.8
105 39.7 23.5 63.5

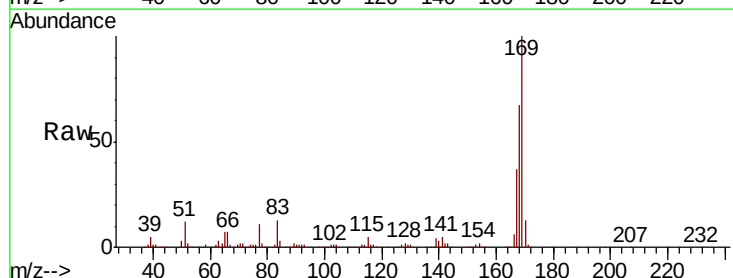


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

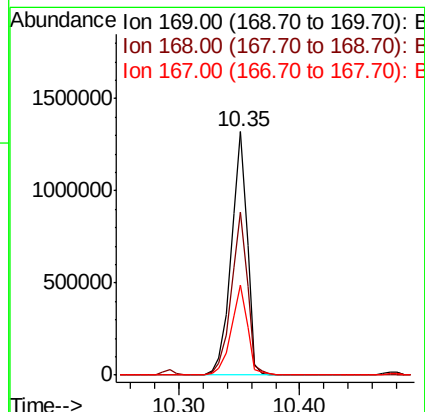
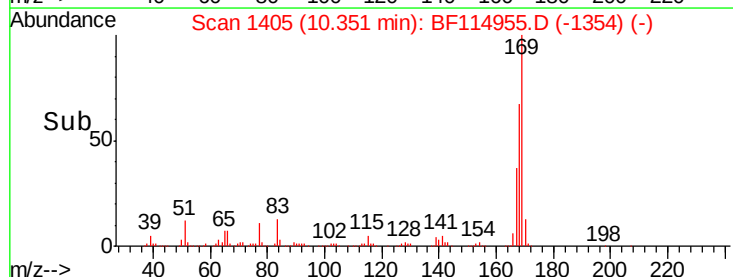


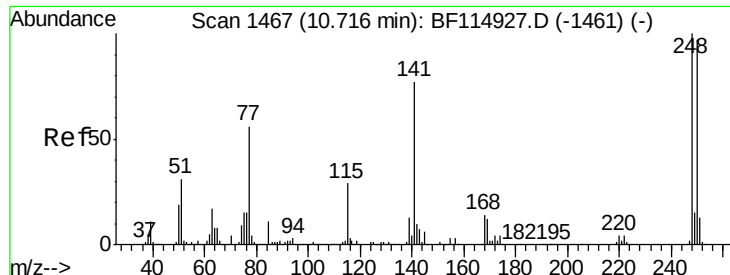
#66
n-Nitrosodiphenylamine
Concen: 50.411 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:169 Resp: 1205579
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.8 29.4 44.2



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

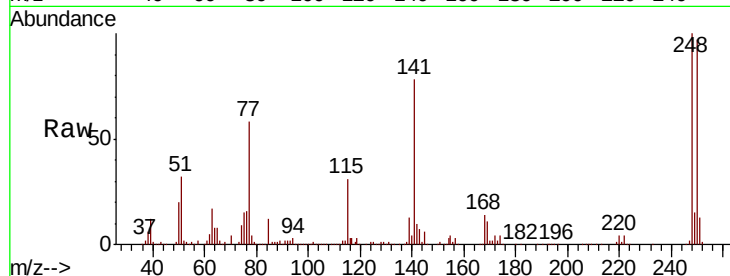




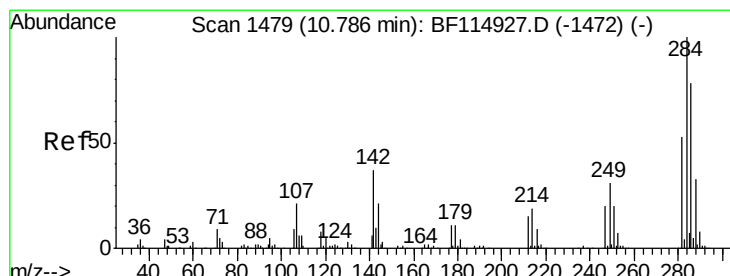
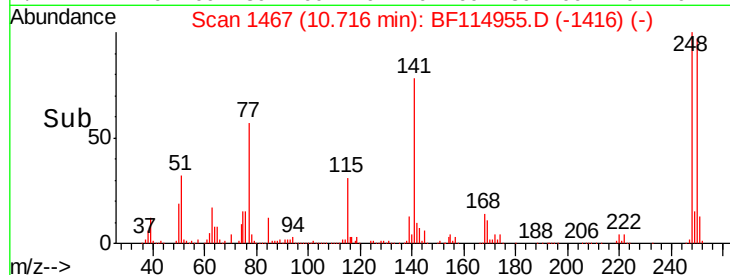
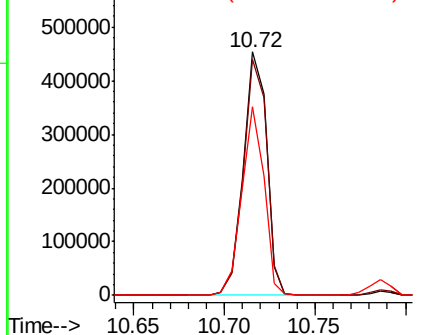
#67
 4-Bromophenyl-phenylether
 Concen: 46.757 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 407677
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.4 116.0
 141 77.6 61.8 92.6

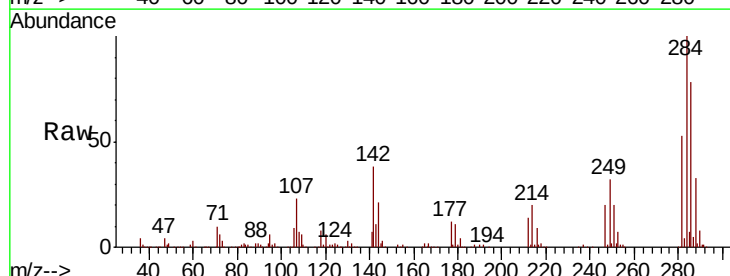


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

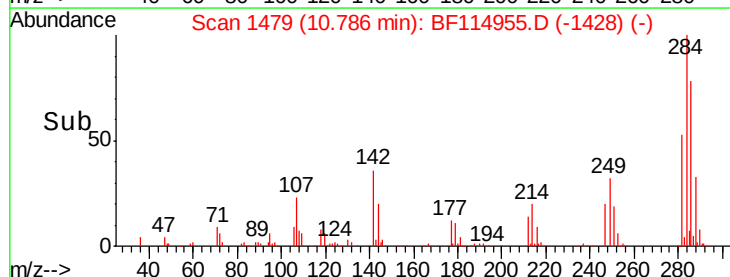
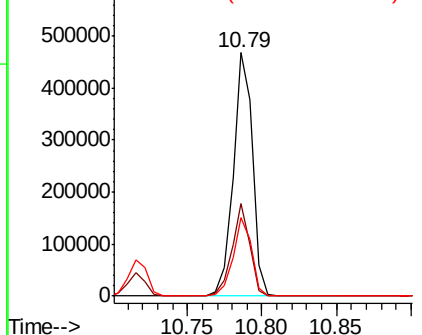


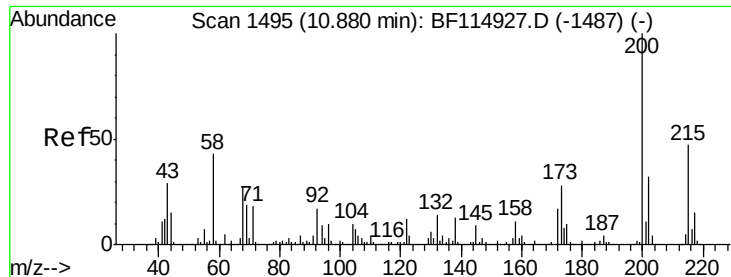
#68
 Hexachlorobenzene
 Concen: 44.075 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:284 Resp: 424375
 Ion Ratio Lower Upper
 284 100
 142 37.8 29.3 43.9
 249 32.2 25.1 37.7



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

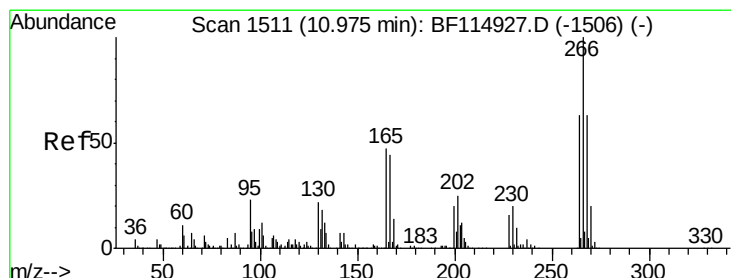
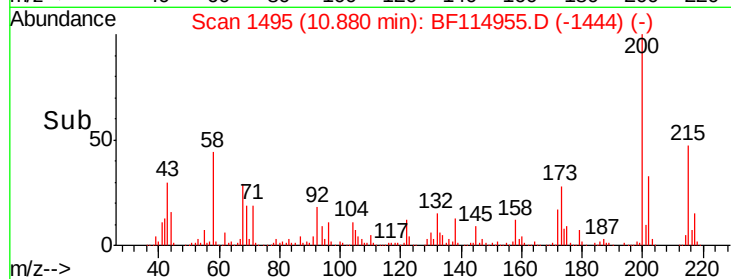
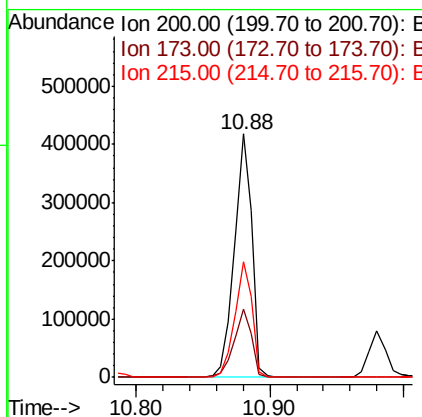
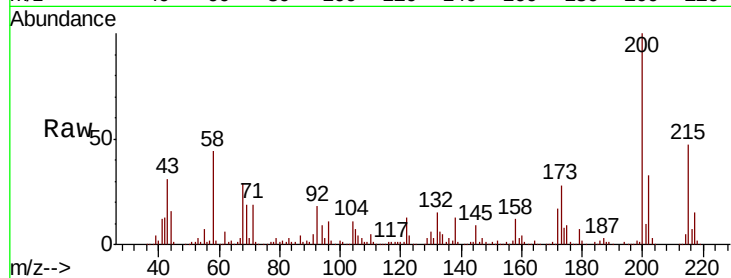




#69
 Atrazine
 Concen: 47.987 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

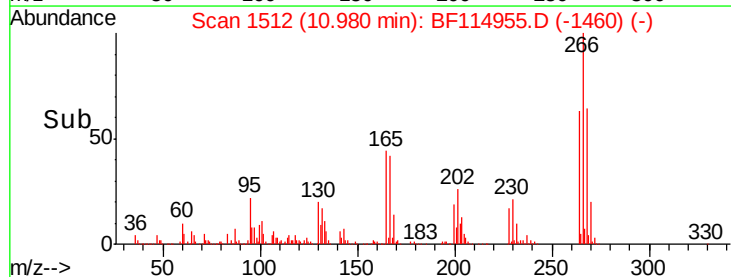
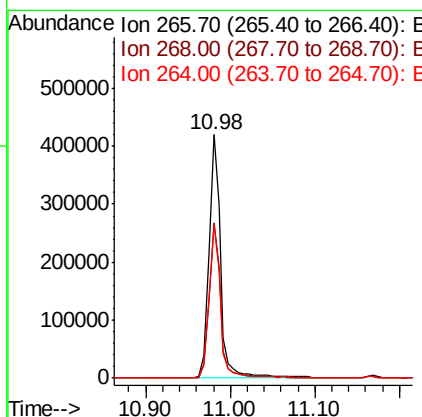
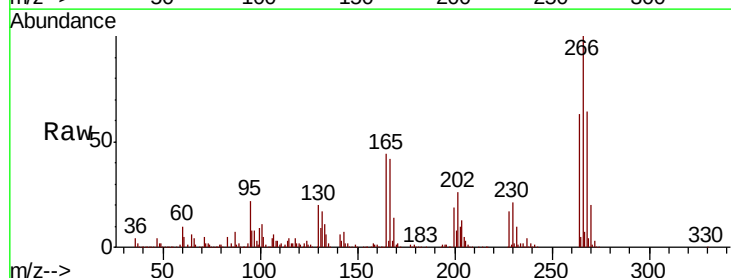
Instrument :
 BNA_F
 ClientSampleId :

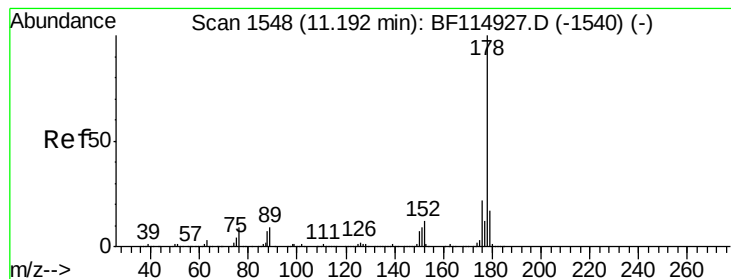
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.3	48.3
215	47.3	26.6	66.6



#70
 Pentachlorophenol
 Concen: 75.732 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.8	76.2
264	63.4	50.4	75.6





#71

Phenanthrene

Concen: 46.568 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

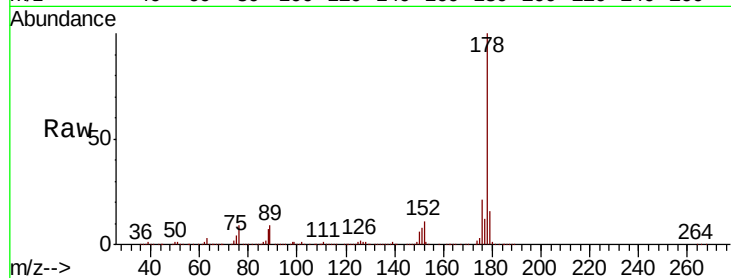
Tot Ion:178 Resp: 1818679

Ion Ratio Lower Upper

178 100

176 20.5 17.4 26.2

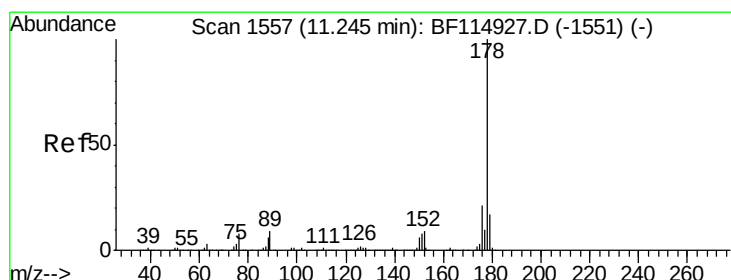
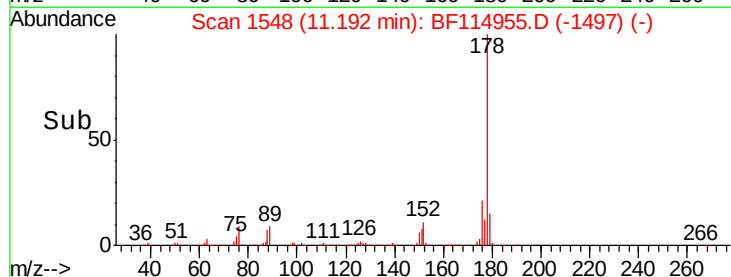
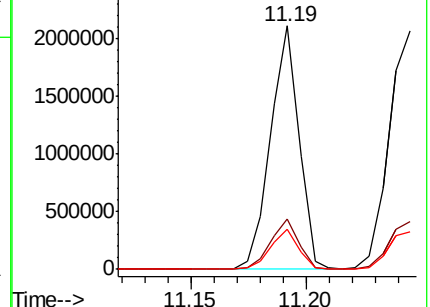
179 16.3 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.091 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

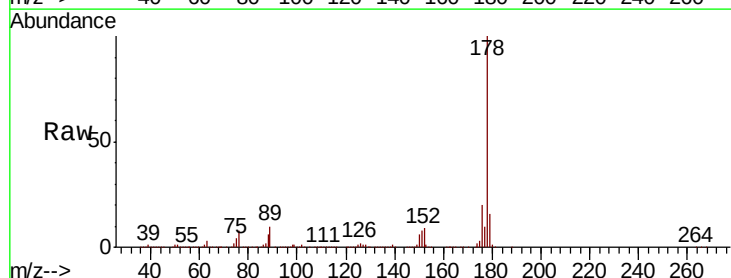
Tgt Ion:178 Resp: 1866684

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

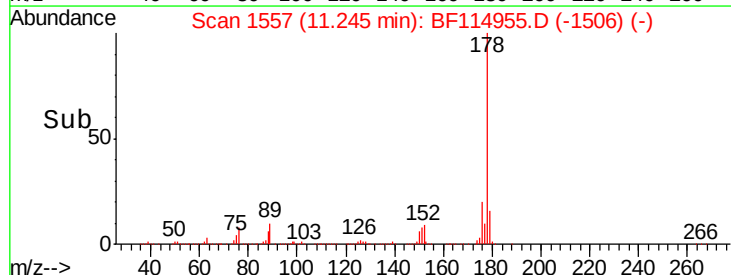
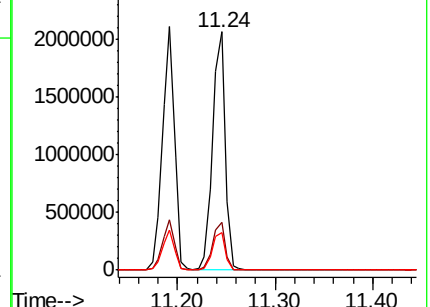
179 16.0 13.4 20.2

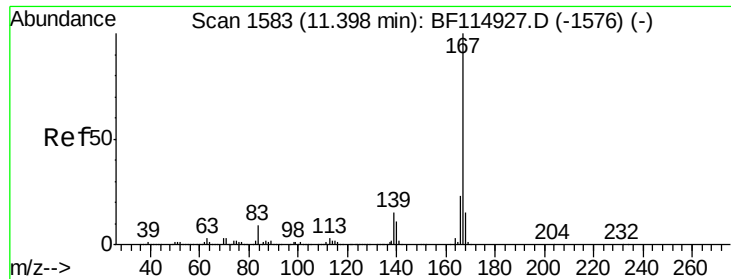


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

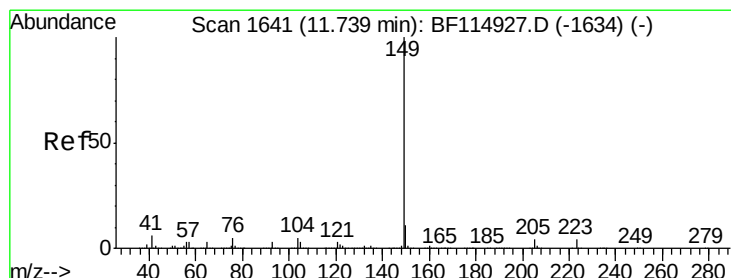
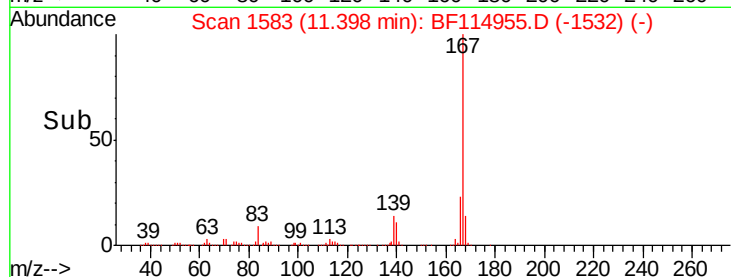
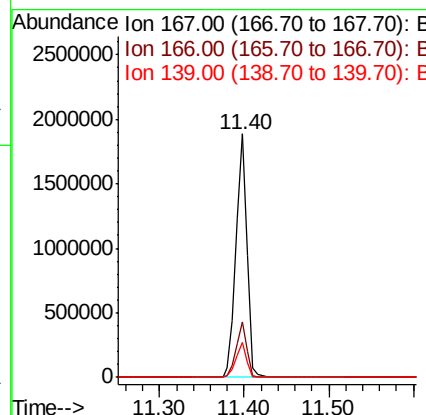
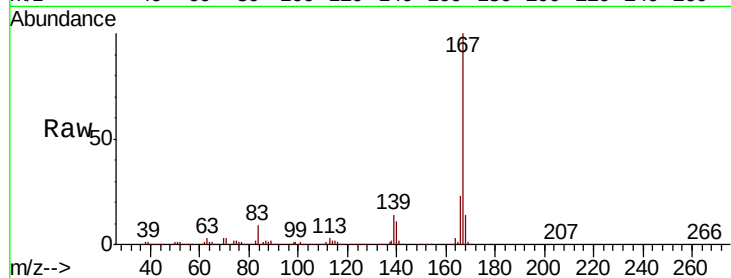




#73
 Carbazole
 Concen: 46.244 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

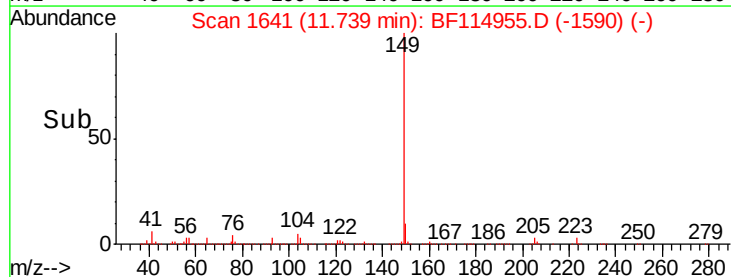
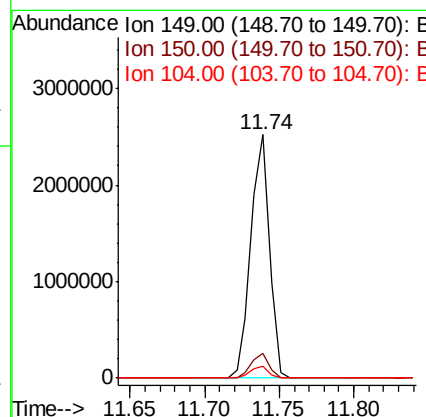
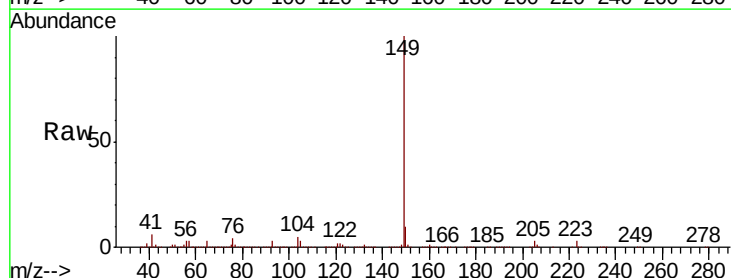
Instrument :
 BNA_F
 ClientSampleId :

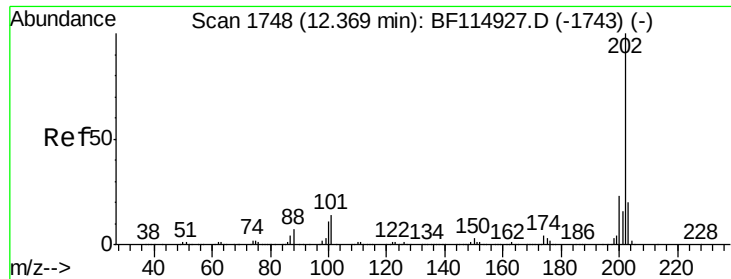
Tot Ion:167 Resp: 1668926
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.8 28.2
 139 14.3 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 48.891 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:149 Resp: 2180654
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.5 12.7
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 42.868 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

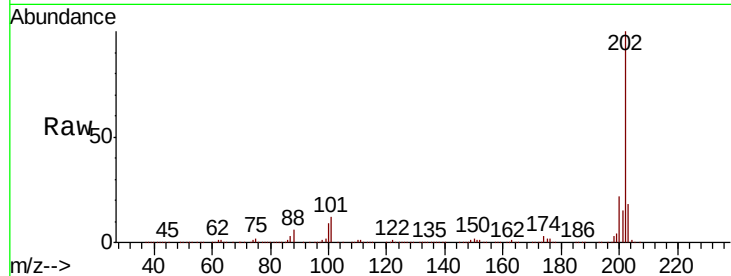
Tot Ion:202 Resp: 1731669

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.3

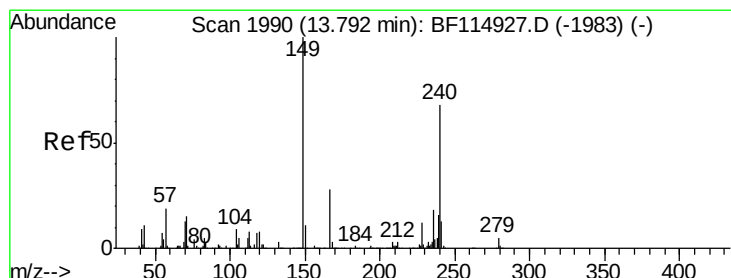
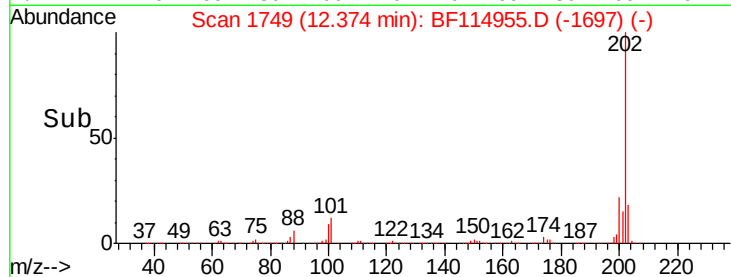
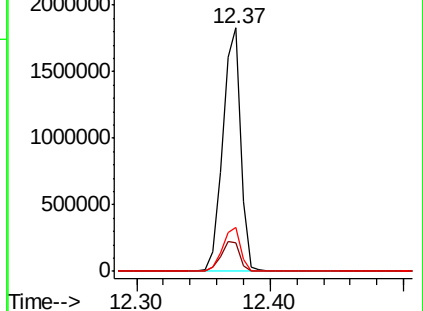
203 18.2 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

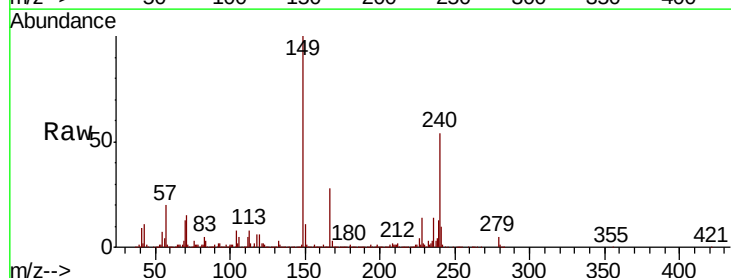
Tgt Ion:240 Resp: 470830

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

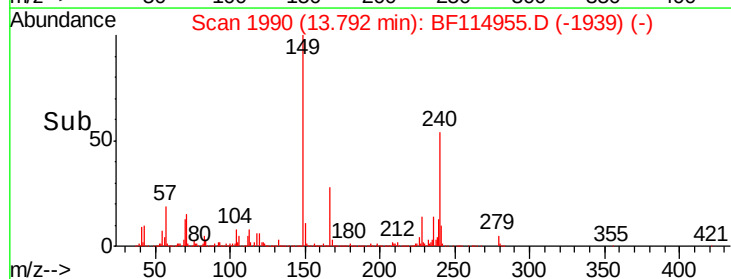
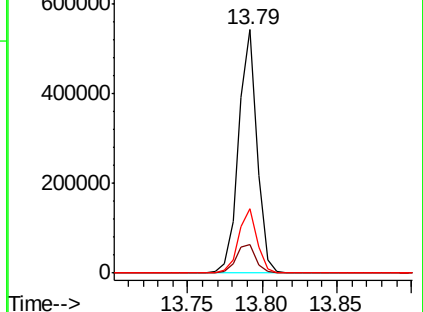
236 26.4 21.7 32.5

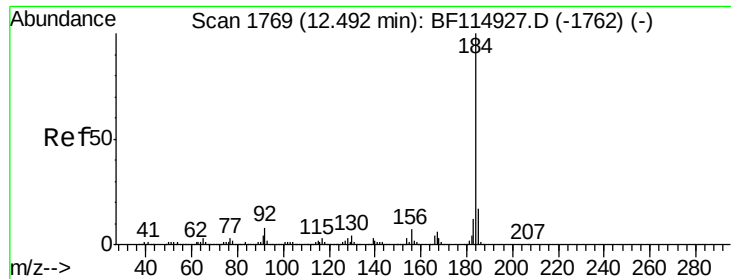


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.241 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

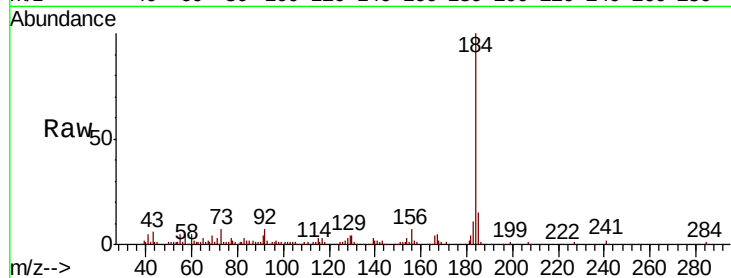
Tot Ion:184 Resp: 169815

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

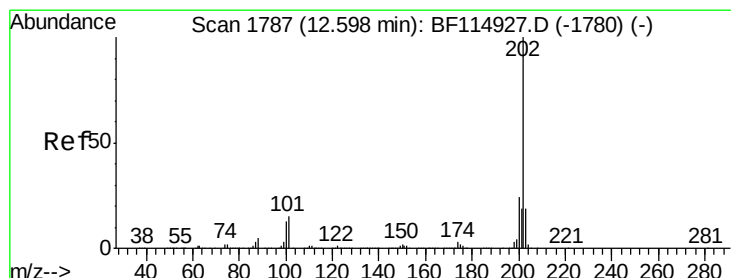
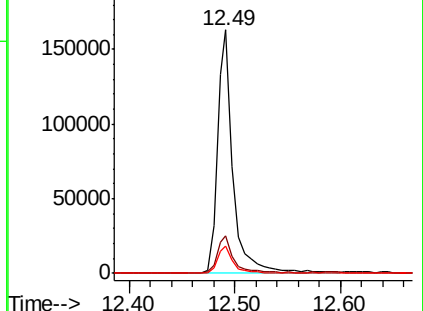
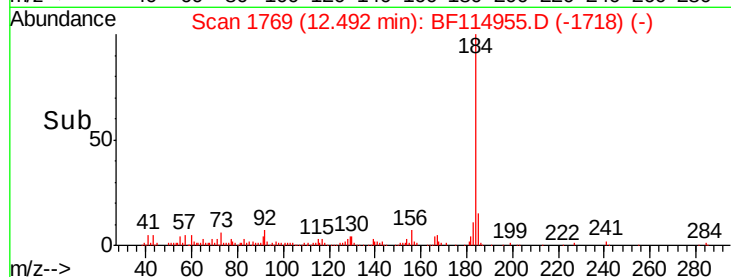
183 11.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.950 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

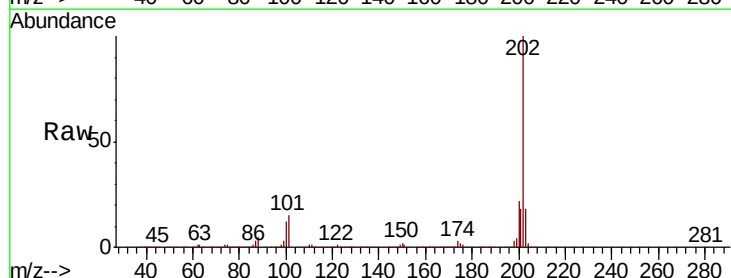
Tgt Ion:202 Resp: 1720170

Ion Ratio Lower Upper

202 100

200 22.2 18.9 28.3

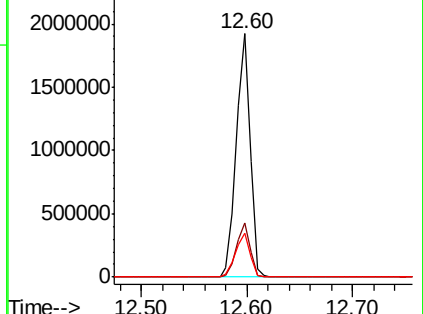
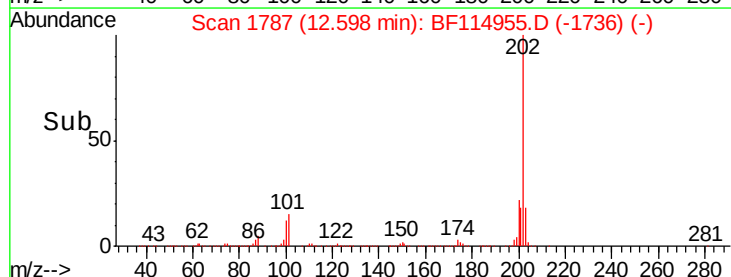
203 18.1 15.2 22.8

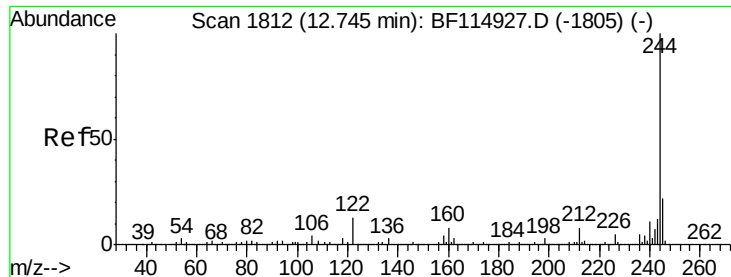


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.173 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampled :

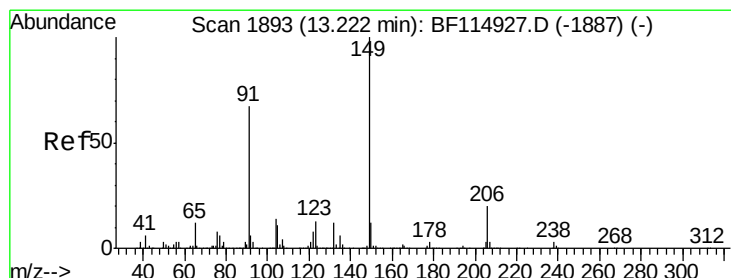
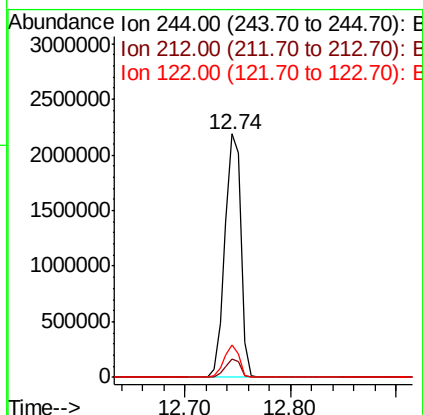
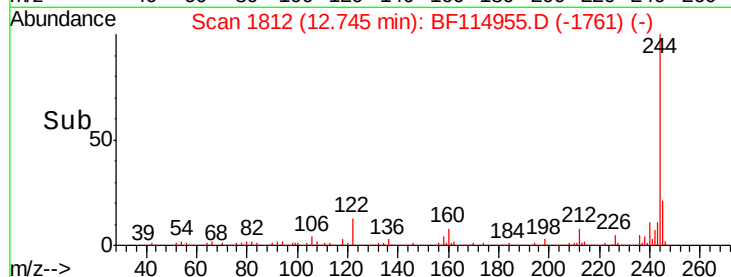
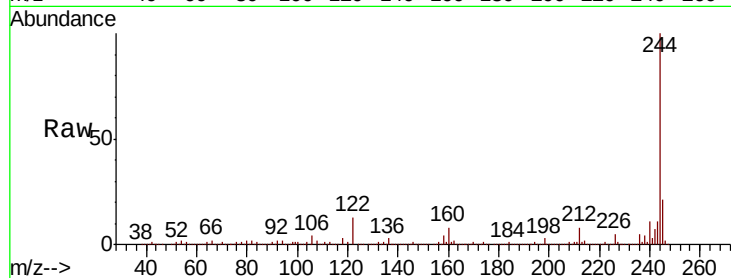
Tot Ion:244 Resp: 2300571

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.1 10.2 15.4



#80

Butylbenzylphthalate

Concen: 42.580 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

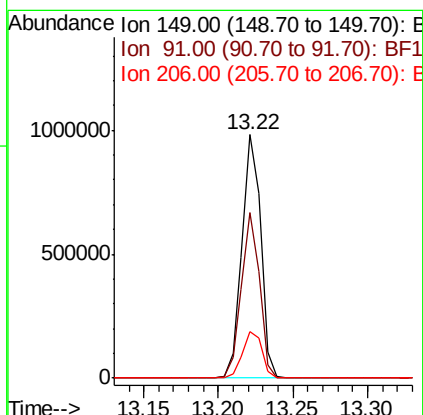
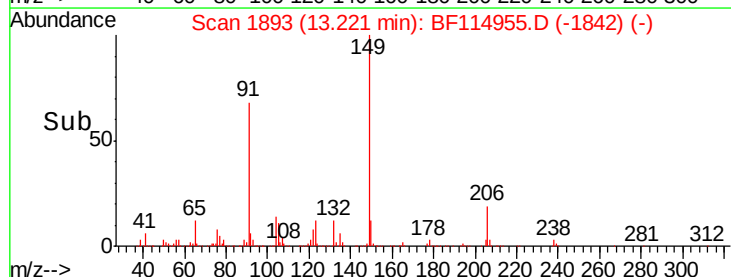
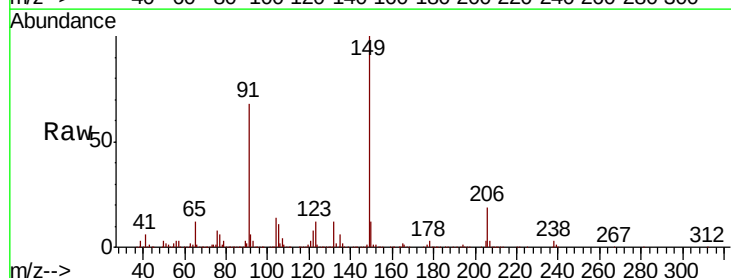
Tgt Ion:149 Resp: 860179

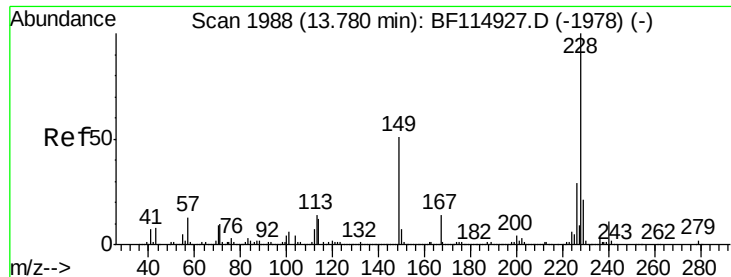
Ion Ratio Lower Upper

149 100

91 67.9 53.8 80.8

206 19.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 42.906 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

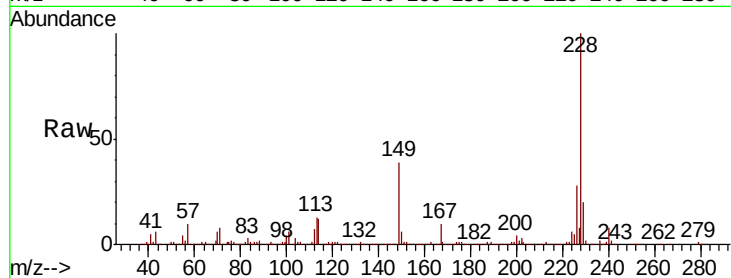
Tot Ion:228 Resp: 1493706

Ion Ratio Lower Upper

228 100

226 27.8 22.8 34.2

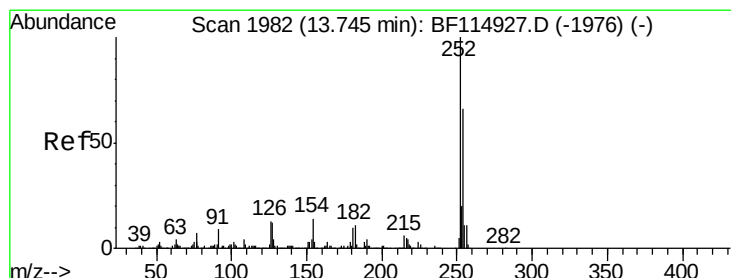
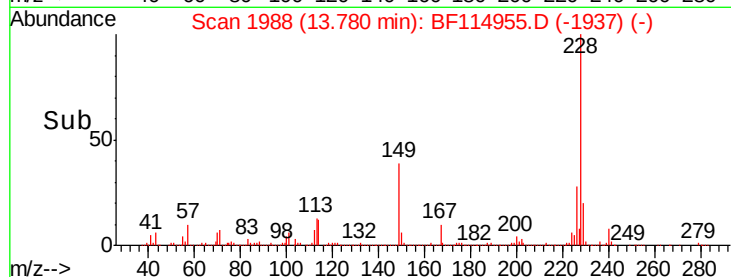
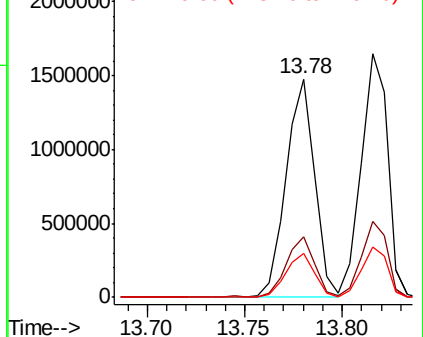
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.378 ng

RT: 13.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

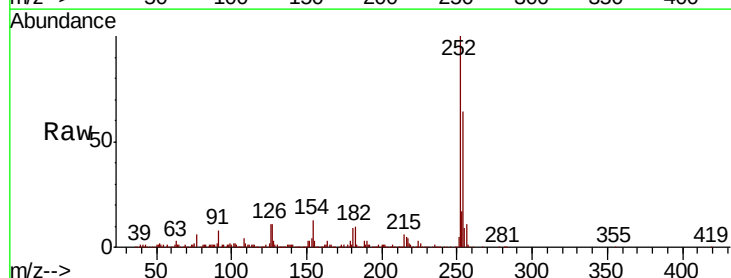
Tgt Ion:252 Resp: 389059

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

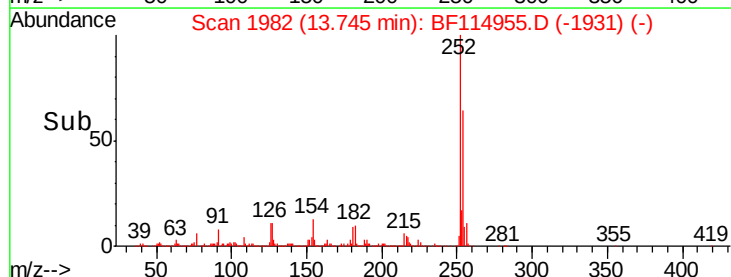
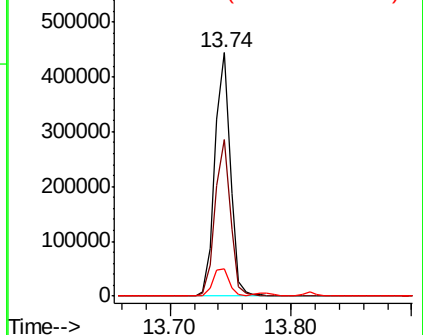
126 11.0 10.4 15.6

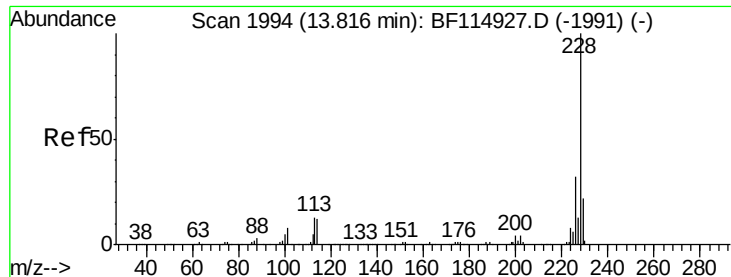


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.456 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

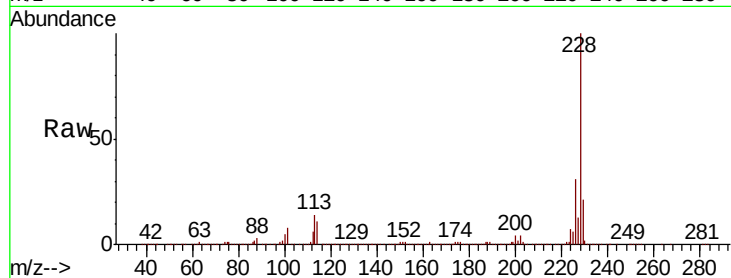
Tot Ion:228 Resp: 1554158

Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.8

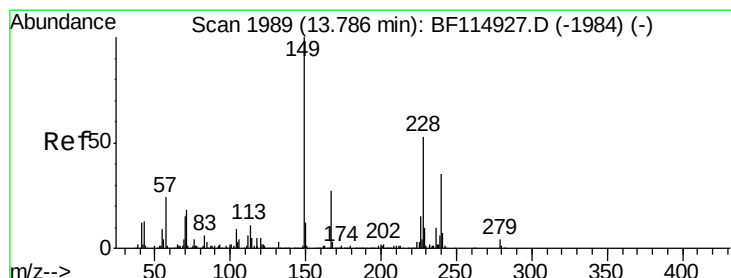
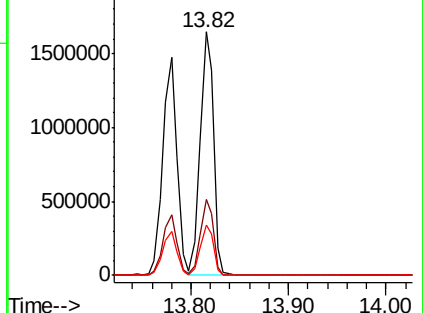
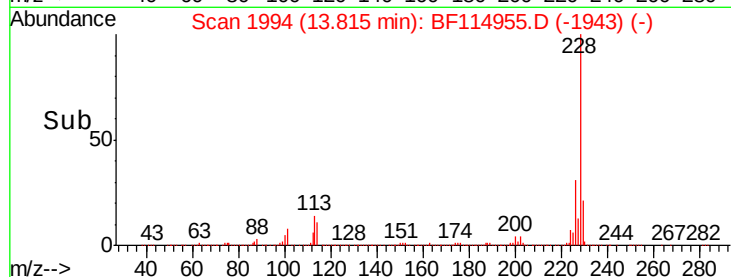
229 20.7 17.2 25.8



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: 46.153 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

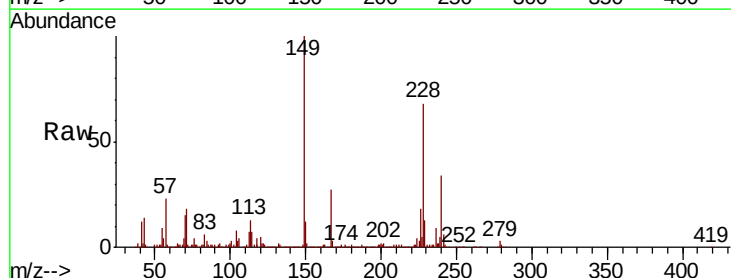
Tgt Ion:149 Resp: 1091941

Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

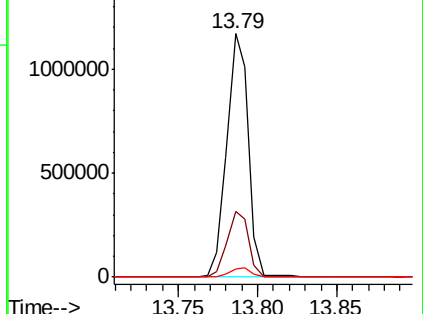
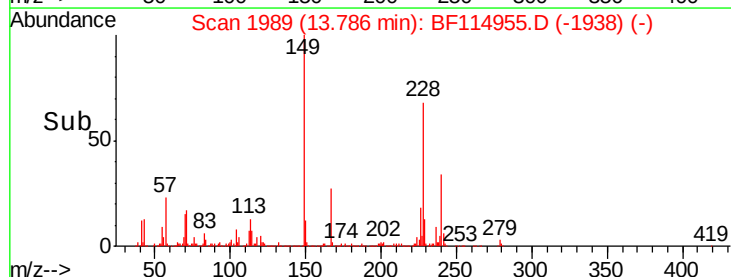
279 3.4 3.2 4.8

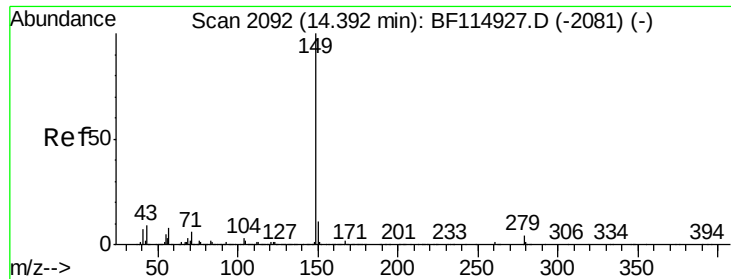


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

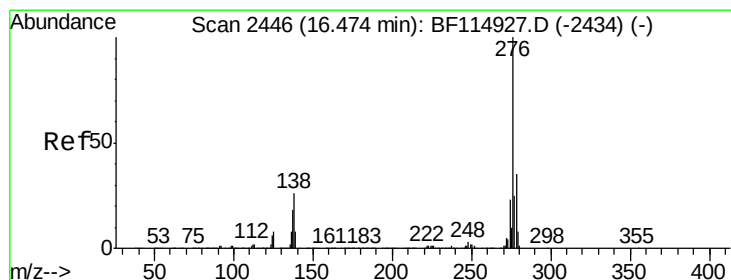
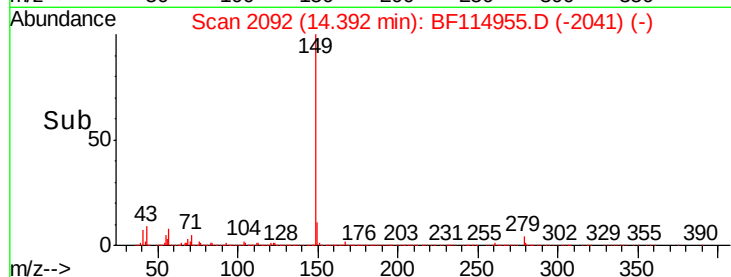
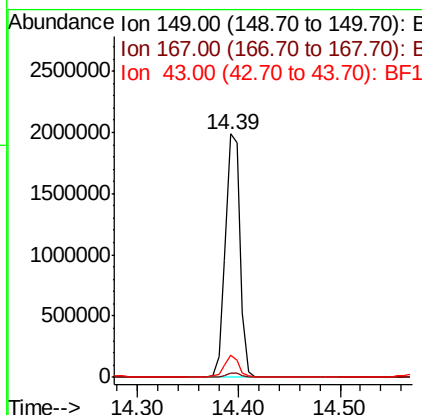
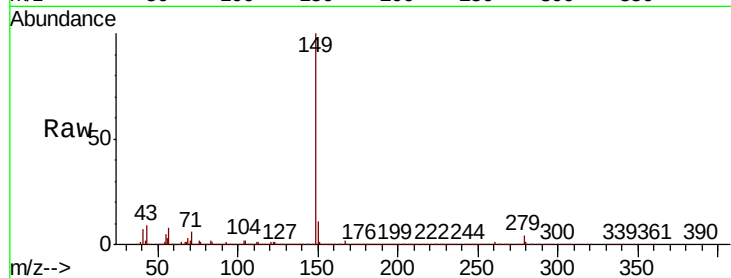




#85
Di-n-octyl phthalate
Concen: 45.899 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

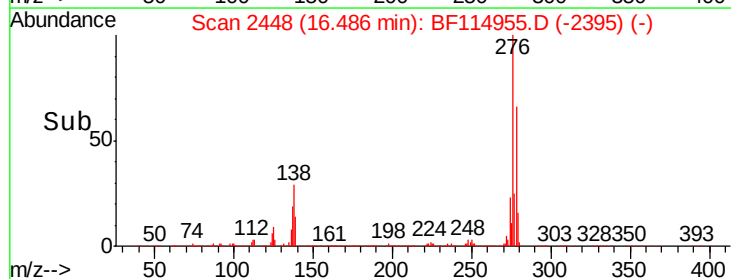
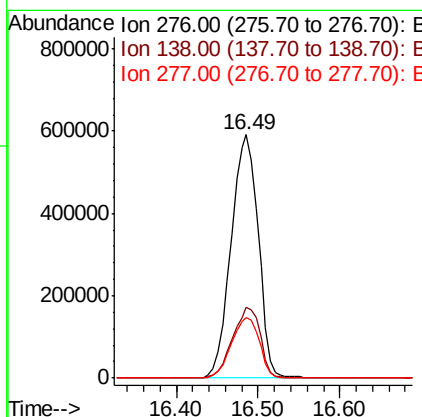
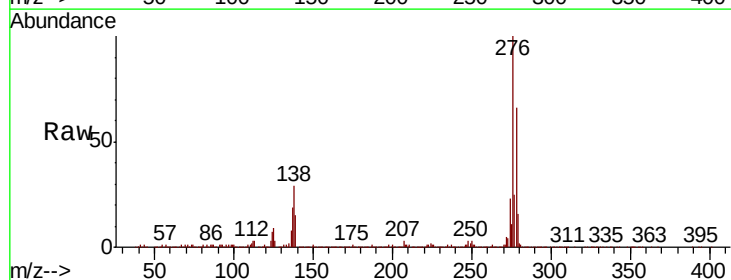
Instrument :
BNA_F
ClientSampled :

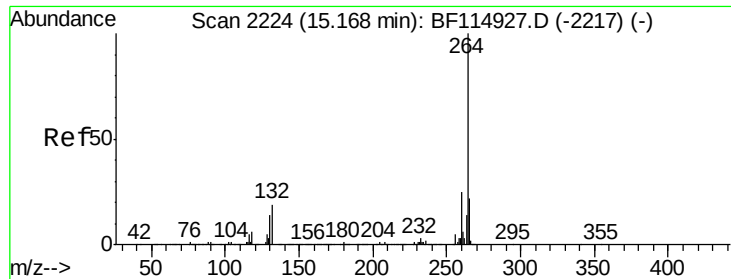
Tot Ion:149 Resp: 1983698
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.2 6.8 10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.491 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:276 Resp: 1363633
Ion Ratio Lower Upper
276 100
138 29.6 23.3 34.9
277 25.6 20.5 30.7



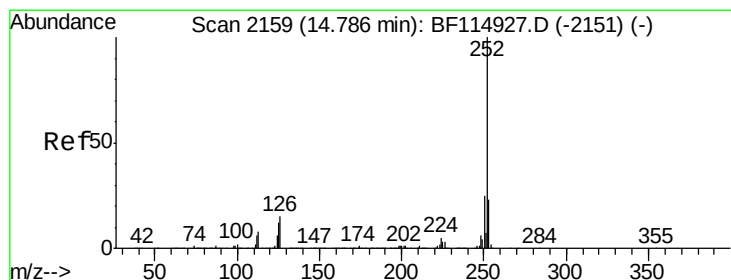
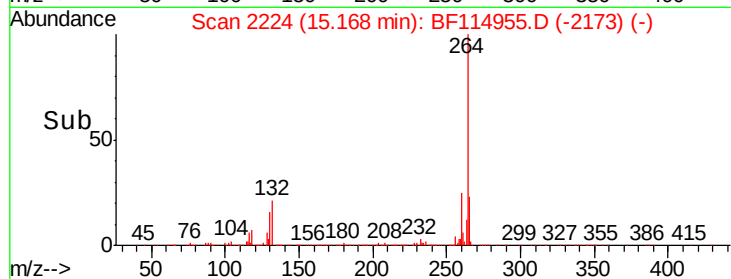
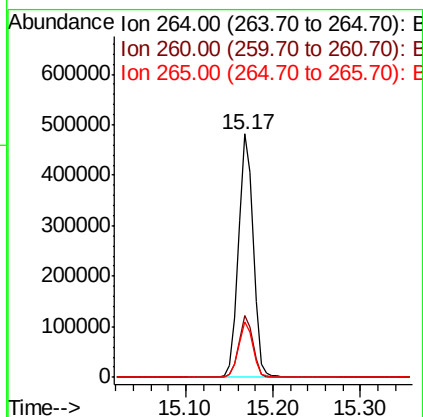
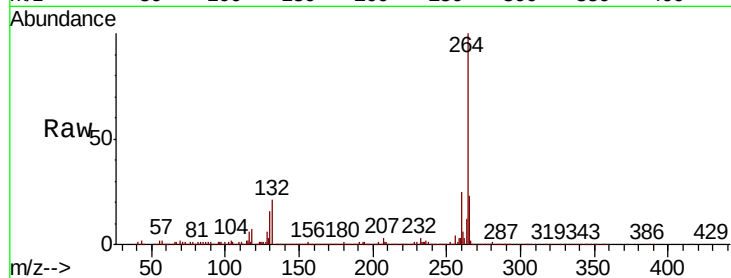


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 541121

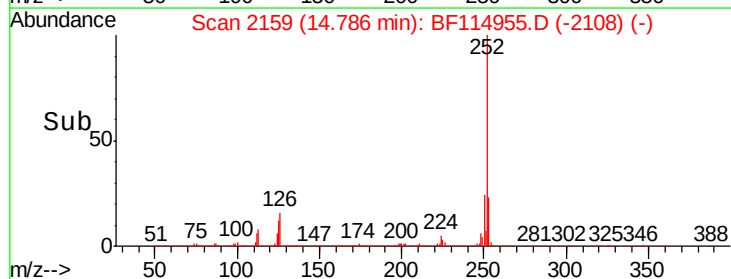
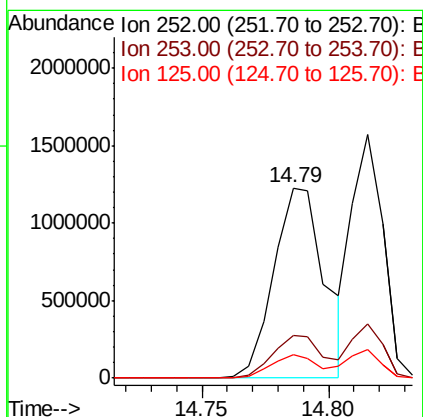
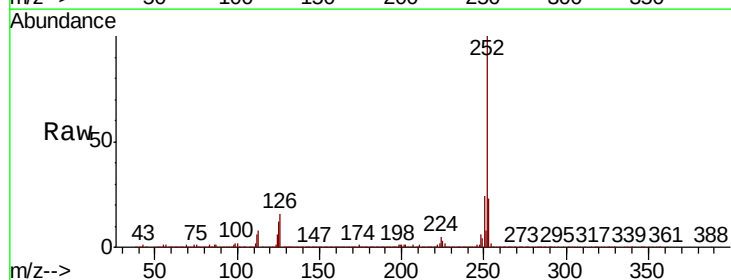
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	22.8	17.5	26.3

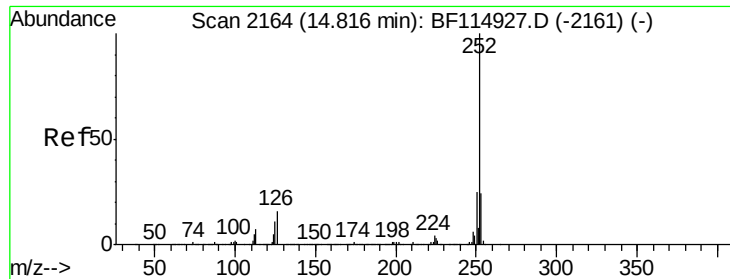


#88
Benzo(b)fluoranthene
Concen: 48.711 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:252 Resp: 1716039

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	28.0
125	12.4	9.5	14.3

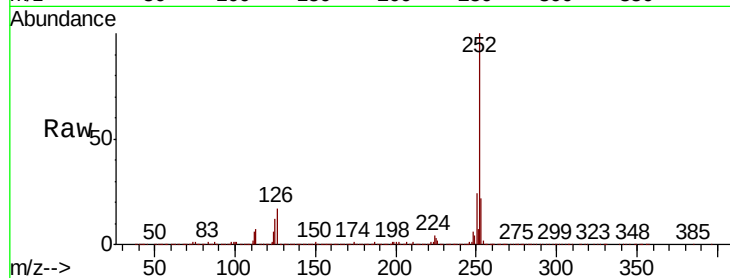




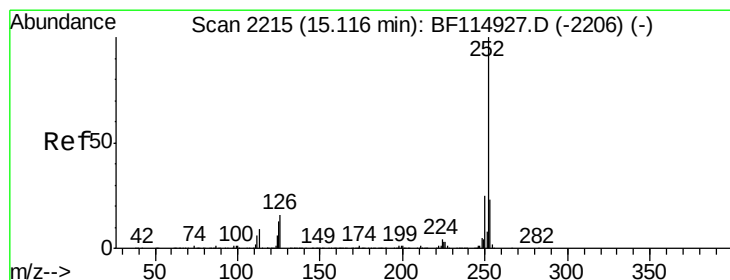
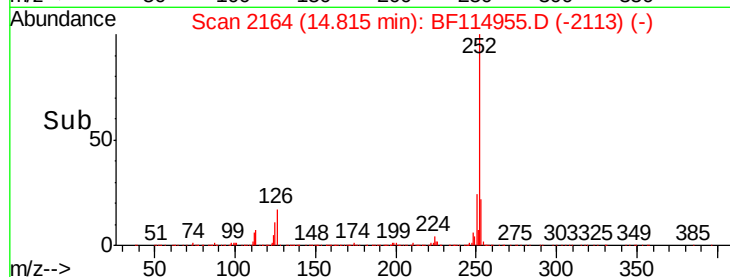
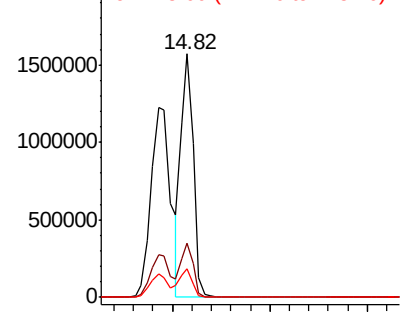
#89
Benzo(k)fluoranthene
Concen: 44.764 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1368591
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 11.6 9.2 13.8

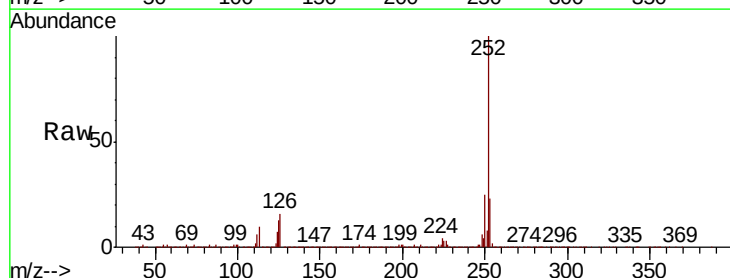


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

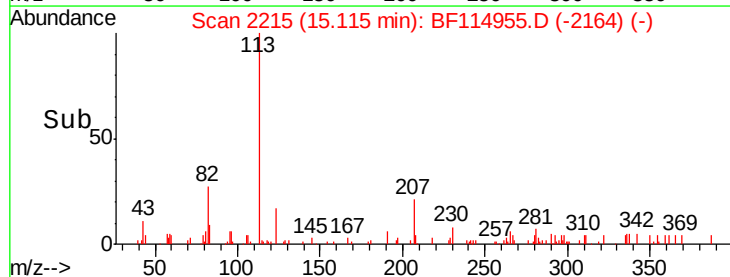
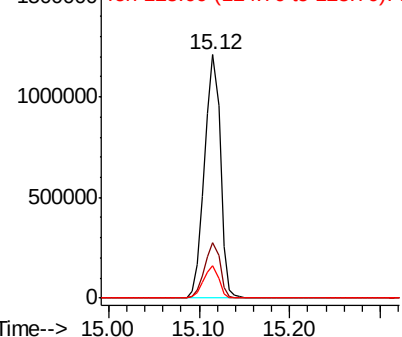


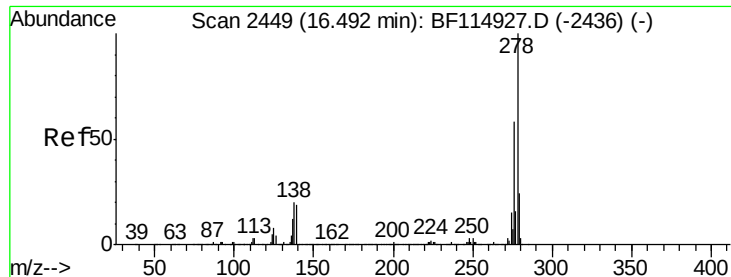
#90
Benzo(a)pyrene
Concen: 47.632 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:252 Resp: 1457500
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 13.2 10.1 15.1



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

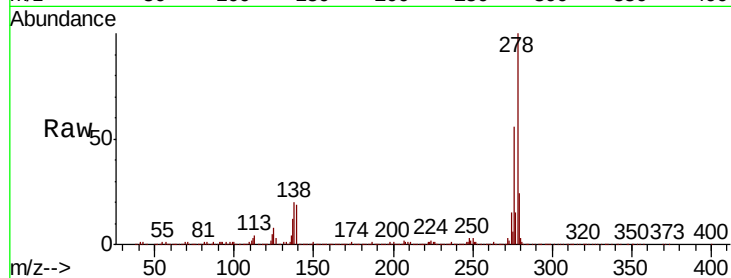




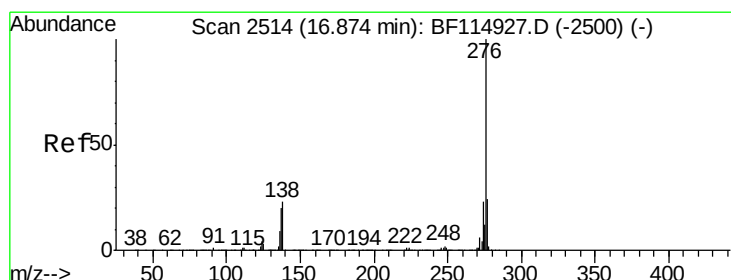
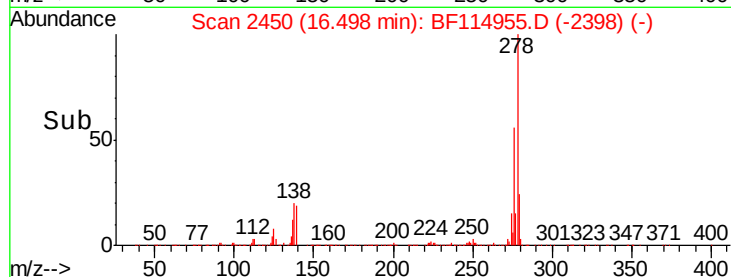
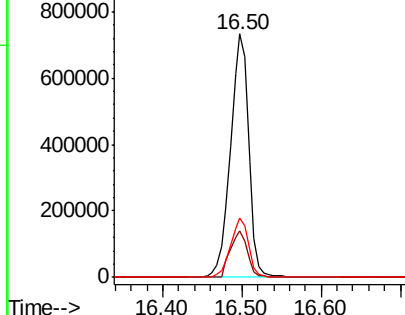
#91
Dibenzo(a,h)anthracene
Concen: 45.123 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1166286
Ion Ratio Lower Upper
278 100
139 19.1 15.1 22.7
279 24.3 19.6 29.4

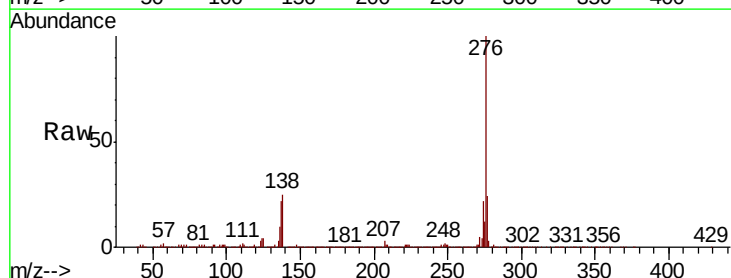


Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
800000 Ion 279.00 (278.70 to 279.70): E
600000
400000
200000
0



#92
Benzo(g,h,i)perylene
Concen: 42.159 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:276 Resp: 1086179
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 25.2 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E
600000 Ion 277.00 (276.70 to 277.70): E
400000 Ion 138.00 (137.70 to 138.70): E
200000
0

