

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113729.D
 Acq On : 11 Apr 2019 19:29
 Operator : JU/SJ
 Sample : K2343-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113228	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	424438	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	203625	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	405979	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	303850	20.00	ng	-0.02
87) Perylene-d12	15.23	264	298139	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	744602	112.14	ng	0.00
7) Phenol-d6	6.33	99	953335	116.49	ng	0.00
23) Nitrobenzene-d5	7.24	82	565391	78.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	275330	112.56	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1055041	83.41	ng	-0.02
79) Terphenyl-d14	12.76	244	1172223	78.55	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	97321	30.946	ng	99
3) Pyridine	3.08	79	194971	23.690	ng	98
4) n-Nitrosodimethylamine	2.98	42	115214	32.948	ng	97
6) Aniline	6.37	93	75356	7.596	ng	# 78
8) 2-Chlorophenol	6.46	128	269490	35.079	ng	99
9) Benzaldehyde	6.23	77	106594	21.905	ng	99
10) Phenol	6.35	94	320855	34.328	ng	# 67
11) bis(2-Chloroethyl)ether	6.41	93	285500	39.267	ng	97
12) 1,3-Dichlorobenzene	6.61	146	289509	34.993	ng	98
13) 1,4-Dichlorobenzene	6.69	146	298336	35.684	ng	98
14) 1,2-Dichlorobenzene	6.84	146	274006	36.309	ng	99
15) Benzyl Alcohol	6.83	79	142771	25.801	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	391141	34.562	ng	# 45
17) 2-Methylphenol	6.95	107	211042	35.448	ng	# 91
18) Hexachloroethane	7.18	117	103378	33.971	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	183822	36.425	ng	97
20) 3+4-Methylphenols	7.12	107	289147	40.083	ng	91
22) Acetophenone	7.09	105	364315	39.081	ng	97
24) Nitrobenzene	7.26	77	269561	36.123	ng	95
25) Isophorone	7.50	82	493196	35.333	ng	98
26) 2-Nitrophenol	7.58	139	143136	35.640	ng	93
27) 2,4-Dimethylphenol	7.63	122	236311	41.158	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	322385	36.531	ng	99
29) 2,4-Dichlorophenol	7.85	162	234463	38.167	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	246162	36.899	ng	99
31) Naphthalene	7.97	128	790969	38.462	ng	99
32) Benzoic acid	7.76	122	10212	2.297	ng	# 73
33) 4-Chloroaniline	8.14	127	33568	4.117	ng	97
34) Hexachlorobutadiene	8.09	225	145064	35.667	ng	99
35) Caprolactam	8.40	113	66187	33.941	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	227029	36.815	ng	100
37) 2-Methylnaphthalene	8.67	142	522884	38.659	ng	99
38) 1-Methylnaphthalene	8.76	142	500538	38.379	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	252146	38.289	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	104550	51.168	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	154750	37.227	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	149491	33.497	ng	99
46) 1,1'-Biphenyl	9.13	154	652064	38.807	ng	99
47) 2-Chloronaphthalene	9.16	162	487705	38.335	ng	97
48) 2-Nitroaniline	9.26	65	145683	37.423	ng	100
49) Acenaphthylene	9.57	152	776556	37.537	ng	99
50) Dimethylphthalate	9.43	163	655775	43.689	ng	99
51) 2,6-Dinitrotoluene	9.50	165	124241	37.551	ng	87
52) Acenaphthene	9.74	154	457938	38.670	ng	99
53) 3-Nitroaniline	9.68	138	85055	22.611	ng	93
54) 2,4-Dinitrophenol	9.82	184	13306	8.596	ng	93
55) Dibenzofuran	9.91	168	686498	39.519	ng	99
56) 4-Nitrophenol	9.91	139	391073	167.593	ng	# 15
57) 2,4-Dinitrotoluene	9.92	165	155353	38.824	ng	98
58) Fluorene	10.25	166	540897	39.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	138659	35.895	ng	97
60) Diethylphthalate	10.13	149	549834	37.994	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	269210	39.836	ng	92
62) 4-Nitroaniline	10.29	138	112273	29.351	ng	97
63) Azobenzene	10.40	77	506344	36.953	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	37493	17.542	ng	89
66) n-Nitrosodiphenylamine	10.36	169	479709	38.490	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	169634	37.256	ng	99
68) Hexachlorobenzene	10.80	284	196627	37.688	ng	# 94
69) Atrazine	10.90	200	138598	35.281	ng	97
70) Pentachlorophenol	11.01	266	81610	33.196	ng	98
71) Phenanthrene	11.21	178	822060	40.750	ng	99
72) Anthracene	11.26	178	837590	40.809	ng	99
73) Carbazole	11.43	167	759350	39.556	ng	99
74) Di-n-butylphthalate	11.74	149	879078	38.495	ng	100
75) Fluoranthene	12.40	202	950043	43.948	ng	99
77) Benzidine	12.54	184	147027	13.012	ng	95
78) Pyrene	12.62	202	938599	40.598	ng	100
80) Butylbenzylphthalate	13.24	149	355797	37.806	ng	94
81) Benzo(a)anthracene	13.81	228	685187	39.092	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	229840	34.045	ng	98
83) Chrysene	13.84	228	692619	38.981	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	468534	41.177	ng	# 98
85) Di-n-octyl phthalate	14.40	149	763163	41.262	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	803250	48.964	ng	99
88) Benzo(b)fluoranthene	14.83	252	707436	38.764	ng	99
89) Benzo(k)fluoranthene	14.86	252	599664	36.612	ng	99
90) Benzo(a)pyrene	15.17	252	661724	40.805	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	657459	43.353	ng	100
92) Benzo(g,h,i)perylene	16.99	276	708635	45.781	ng	98

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

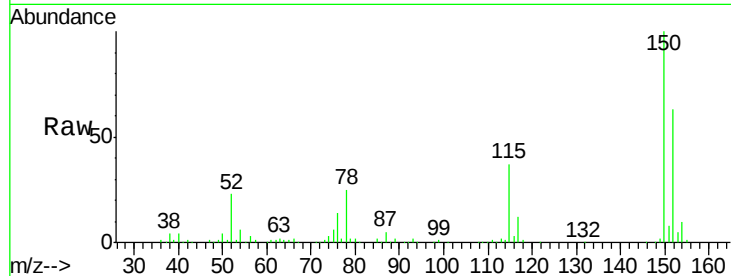


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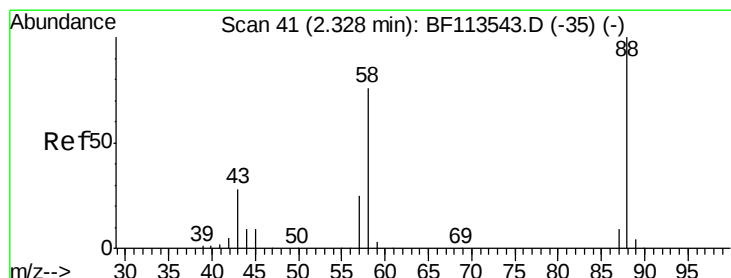
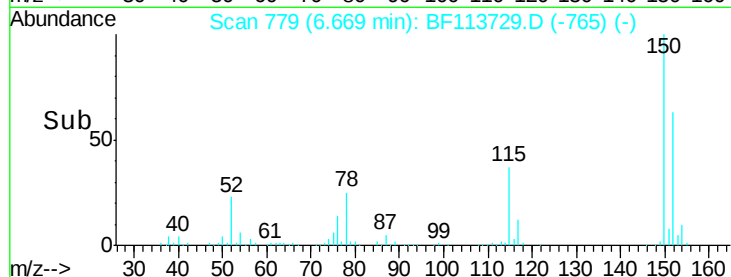
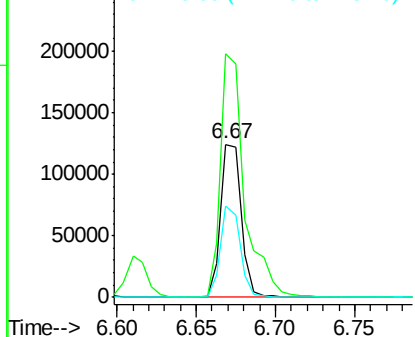
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113228
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 59.5 46.0 69.0



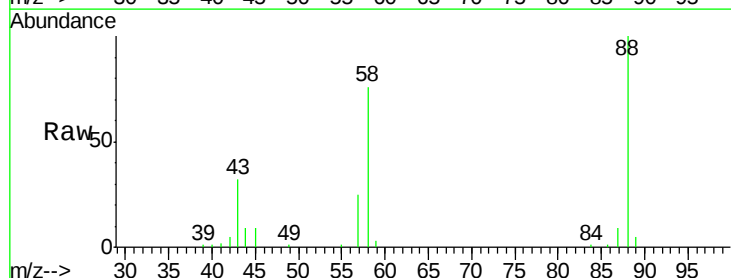
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



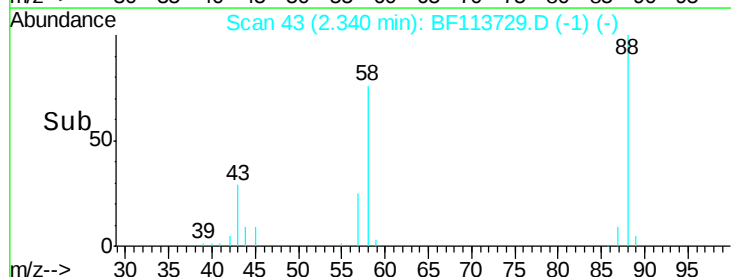
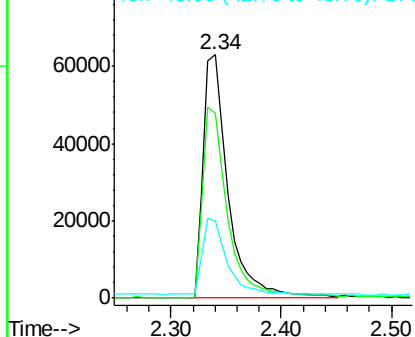
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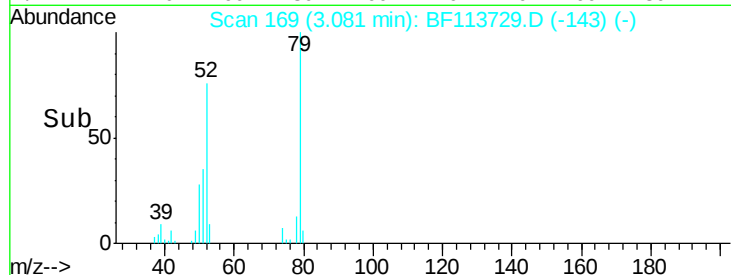
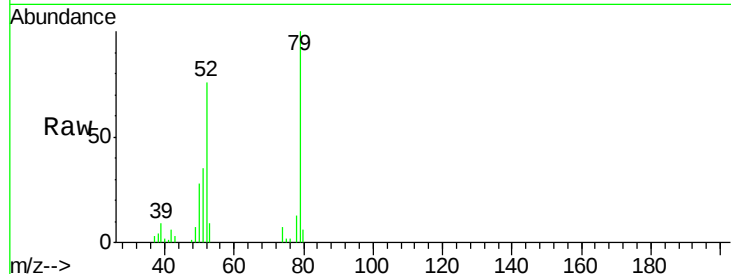
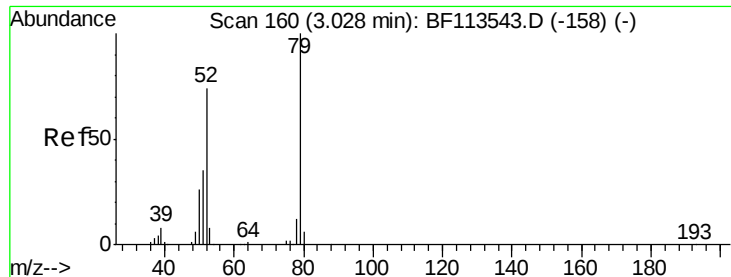
1,4-Dioxane
Concen: 30.946 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion: 88 Resp: 97321
Ion Ratio Lower Upper
88 100
58 78.8 61.9 92.9
43 30.9 24.2 36.4



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

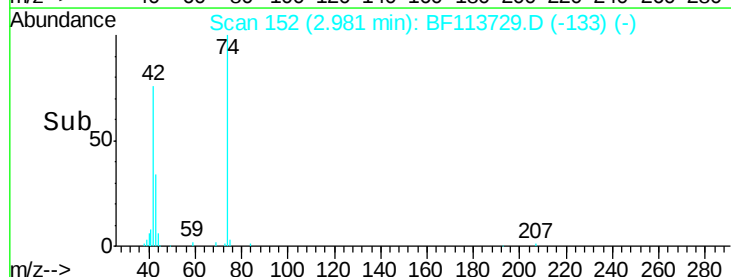
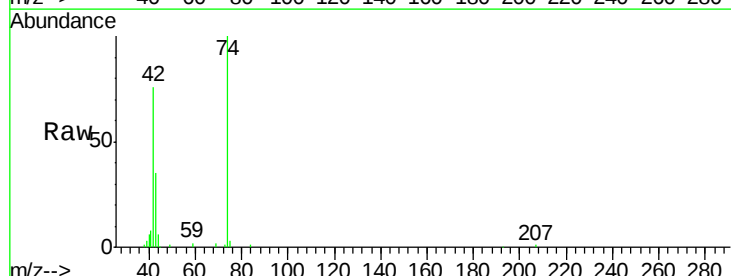
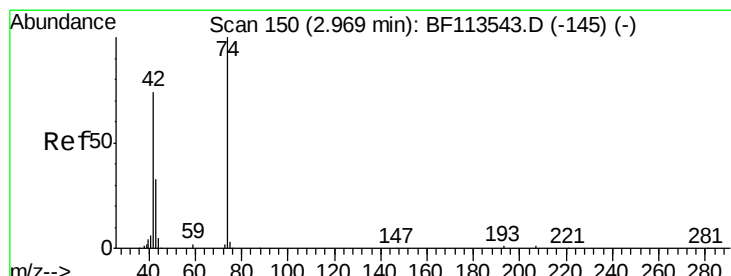
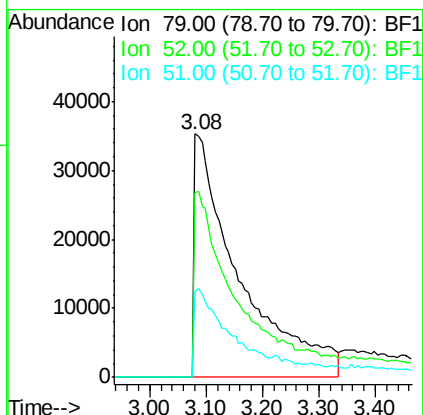




#3
 Pvridine
 Concen: 23.690 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.05 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

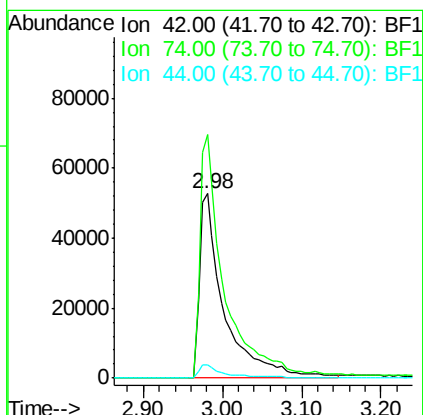
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	79	Resp:	194971
Ion	Ratio	Lower	Upper
79	100		
52	75.8	61.0	91.4
51	35.5	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 32.948 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion:	42	Resp:	115214
Ion	Ratio	Lower	Upper
42	100		
74	132.1	102.4	153.6
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 112.138 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113729.D

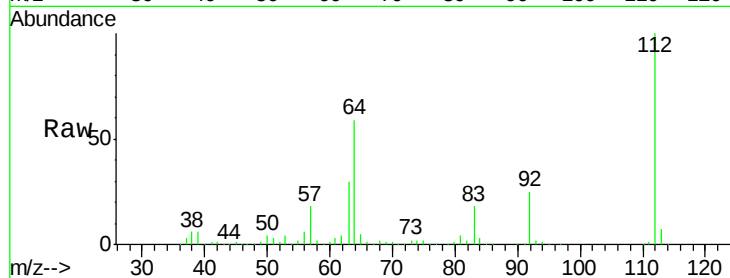
Acq: 11 Apr 2019 19:29

Instrument :

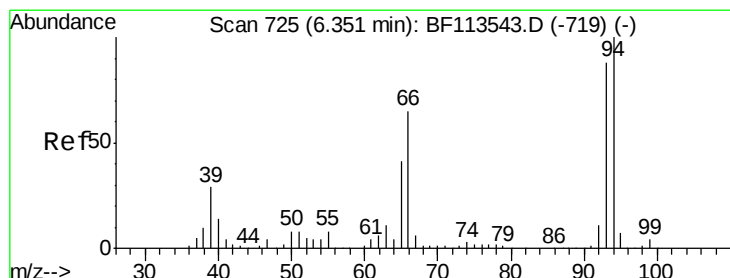
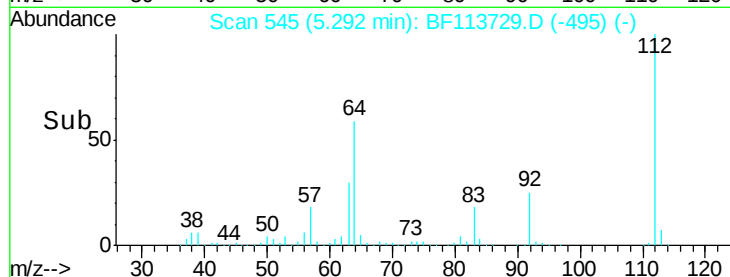
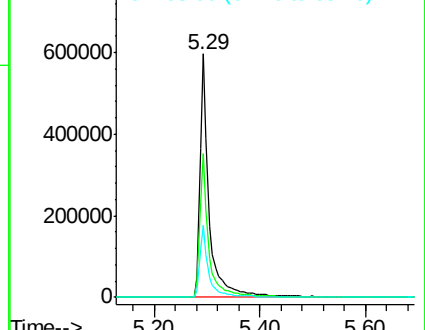
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	744602
Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.5	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF113729.D (-495) (-)



#6

Aniline

Concen: 7.596 ng

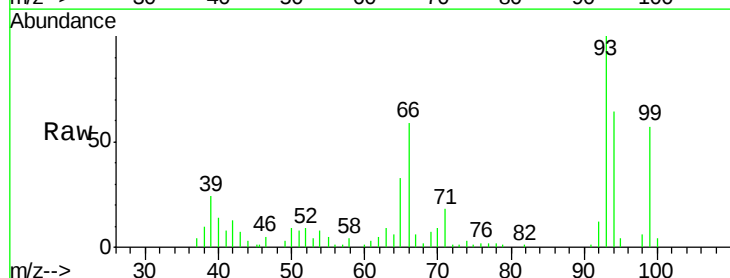
RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

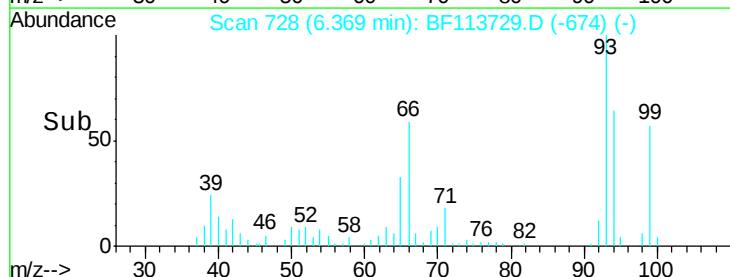
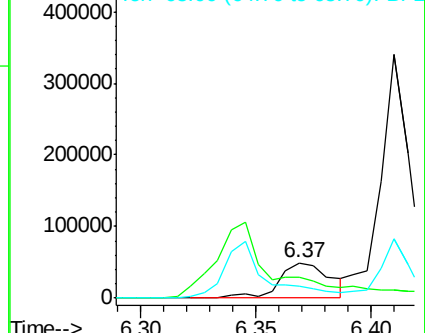
Lab File: BF113729.D

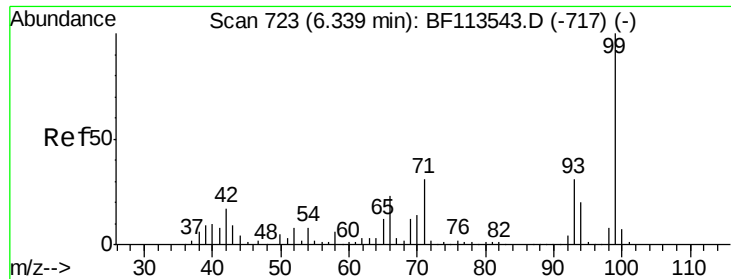
Acq: 11 Apr 2019 19:29

Tgt Ion:	93	Resp:	75356
Ion	Ratio	Lower	Upper
93	100		
66	58.6	62.1	93.1#
65	33.1	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF113729.D (-674) (-)





#7

Phenol-d6

Concen: 116.489 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

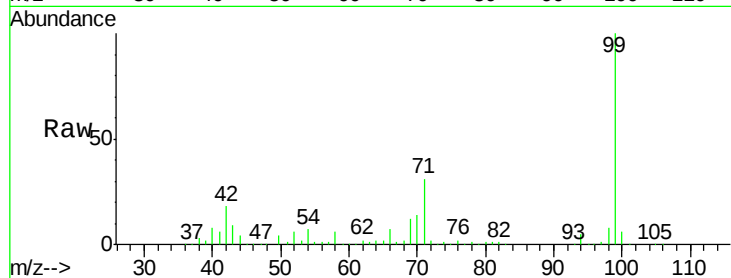
Tot Ion: 99 Resp: 953335

Ion Ratio Lower Upper

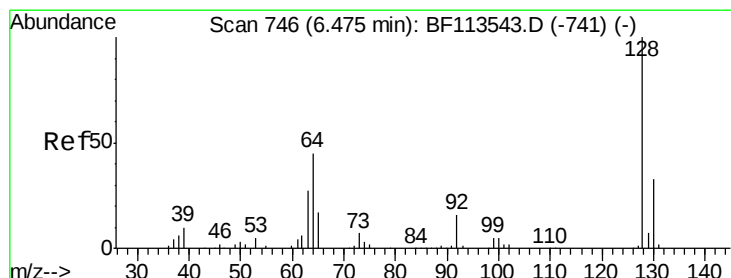
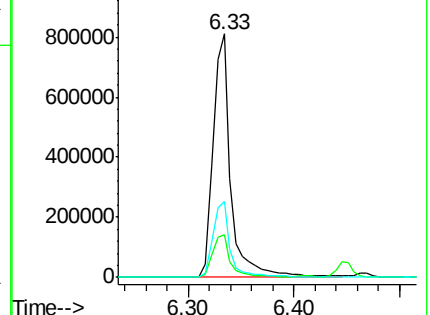
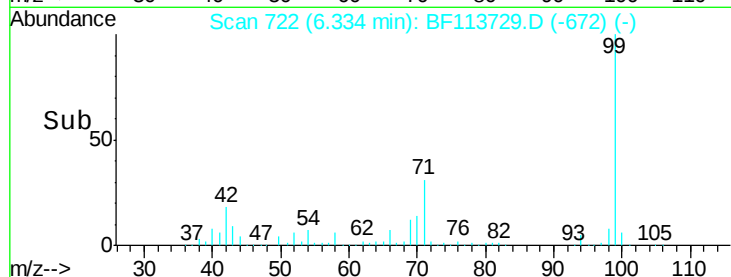
99 100

42 17.7 14.8 22.2

71 31.1 24.9 37.3



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



#8

2-Chlorophenol

Concen: 35.079 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

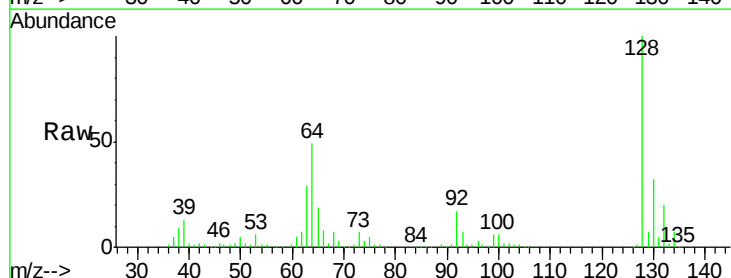
Tgt Ion: 128 Resp: 269490

Ion Ratio Lower Upper

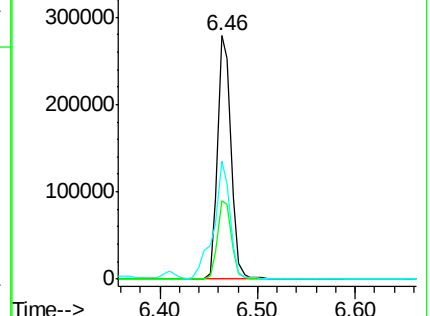
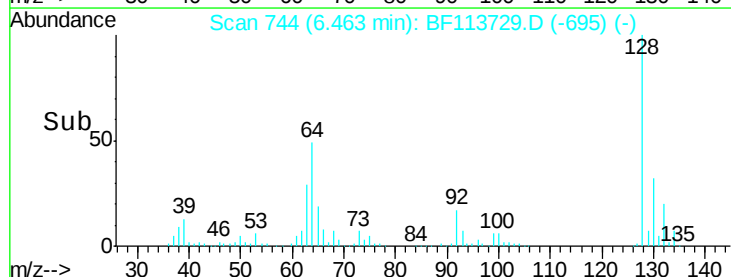
128 100

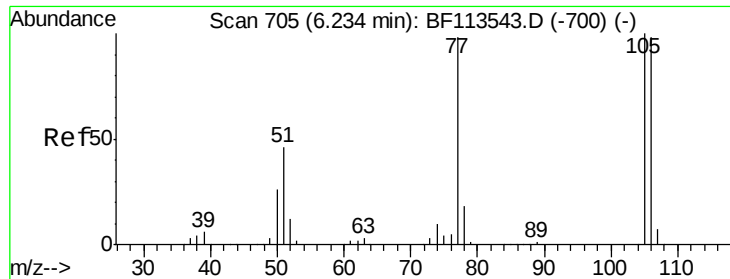
130 32.4 12.6 52.6

64 48.8 29.4 69.4



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: 21.905 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

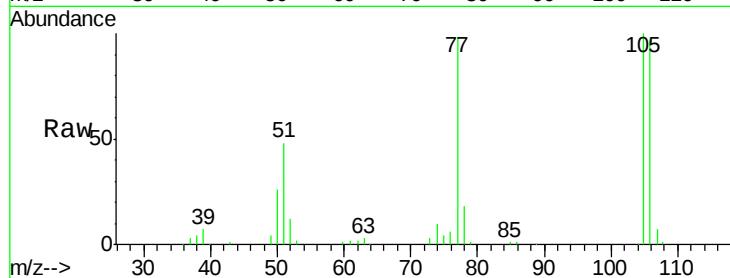
Tot Ion: 77 Resp: 106594

Ion Ratio Lower Upper

77 100

105 102.1 80.9 120.9

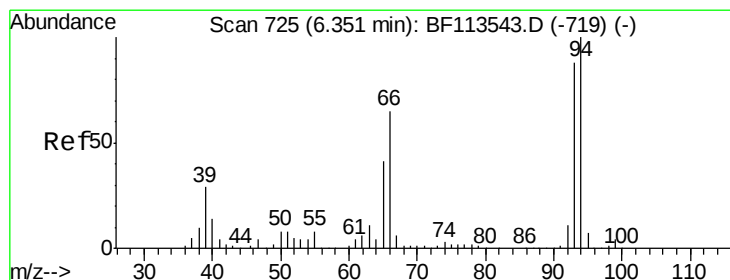
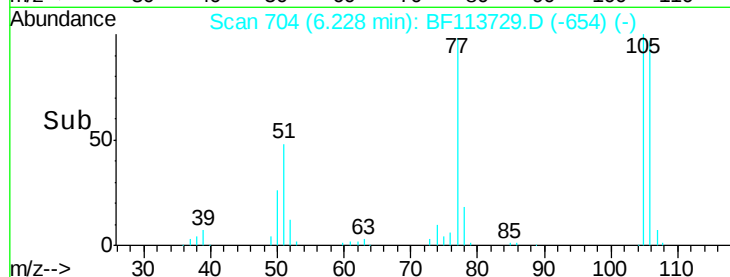
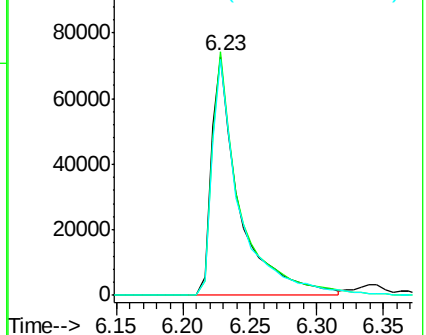
106 98.7 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.328 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

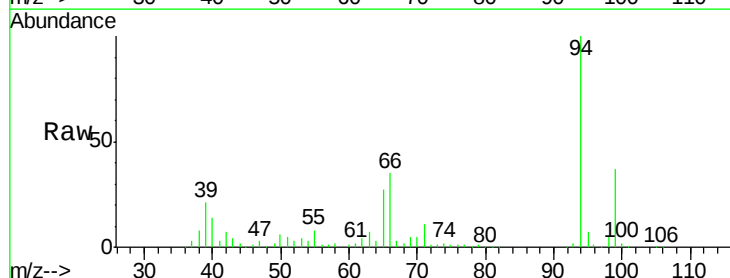
Tgt Ion: 94 Resp: 320855

Ion Ratio Lower Upper

94 100

65 26.6 21.4 61.4

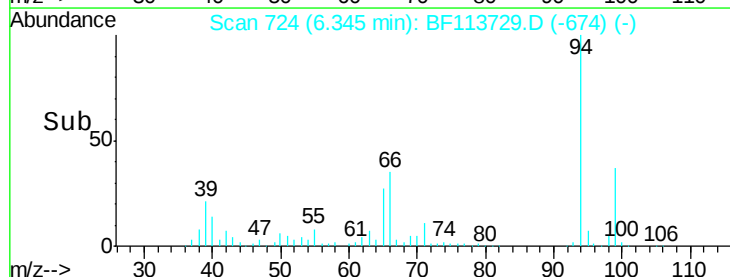
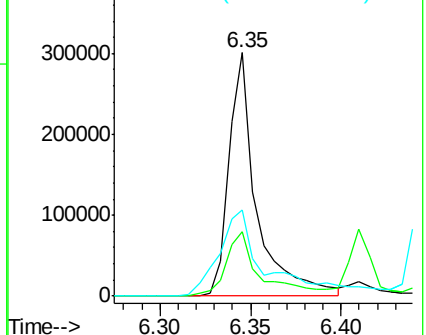
66 35.4 46.4 86.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

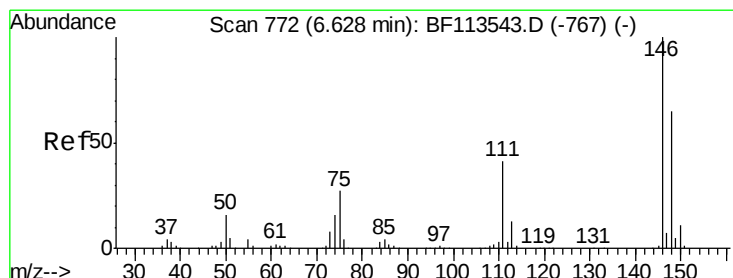
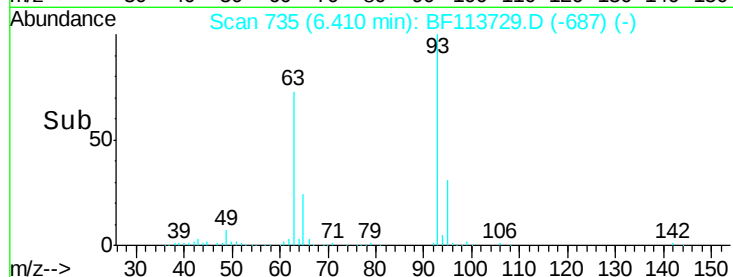
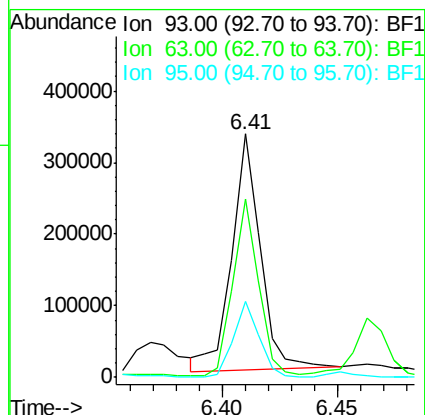
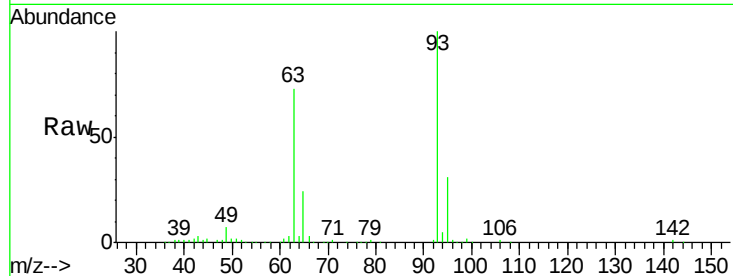




#11
bis(2-Chloroethyl)ether
Concen: 39.267 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

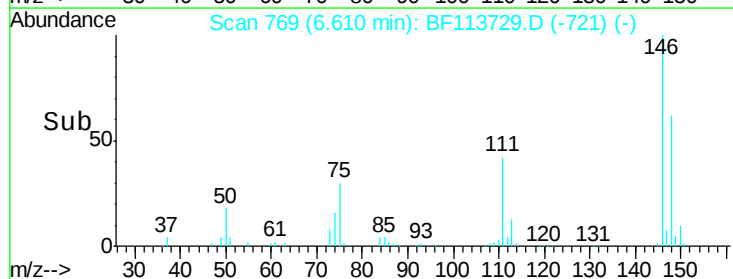
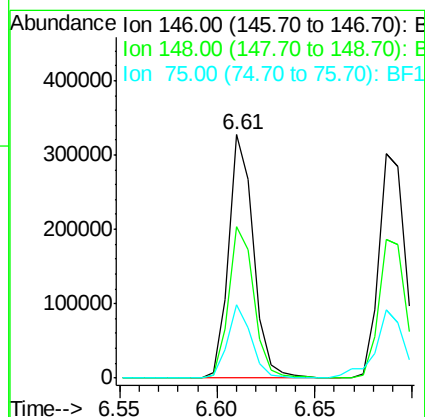
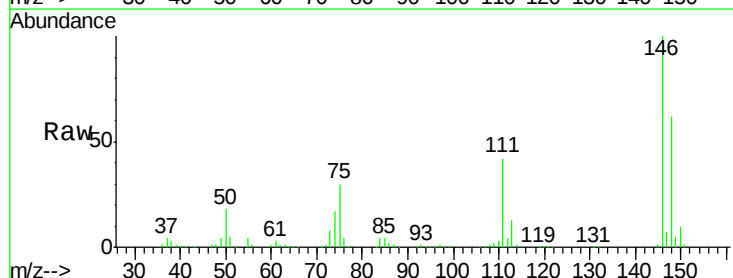
Instrument :
BNA_F
ClientSampleId :

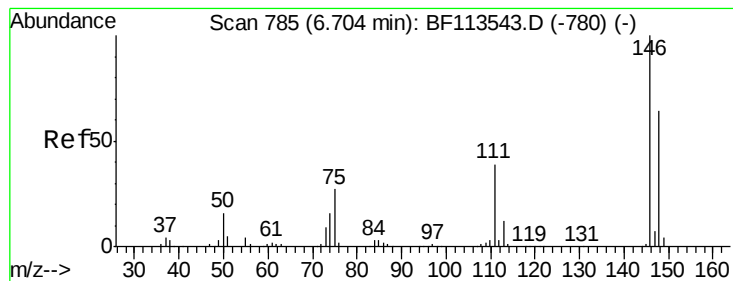
Tot Ion: 93 Resp: 285500
Ion Ratio Lower Upper
93 100
63 73.5 56.1 96.1
95 31.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.993 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion: 146 Resp: 289509
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.0
75 30.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 35.684 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

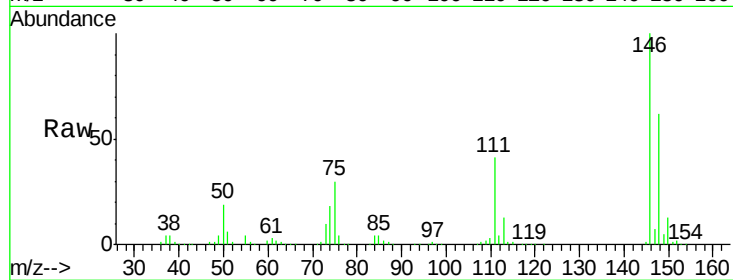
Tot Ion:146 Resp: 298336

Ion Ratio Lower Upper

146 100

148 61.7 51.1 76.7

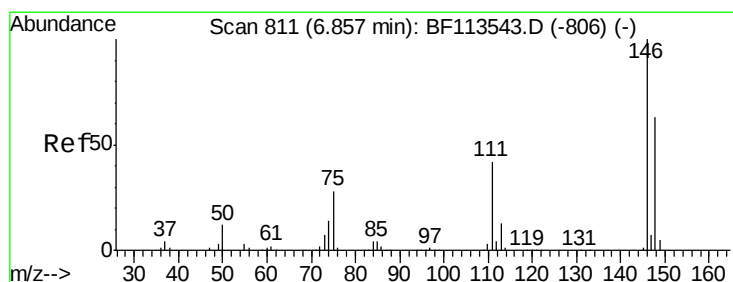
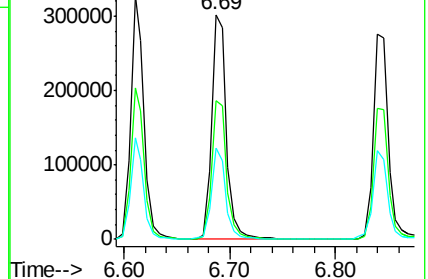
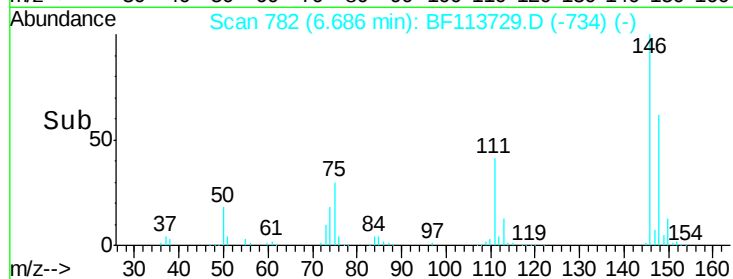
111 40.8 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 36.309 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

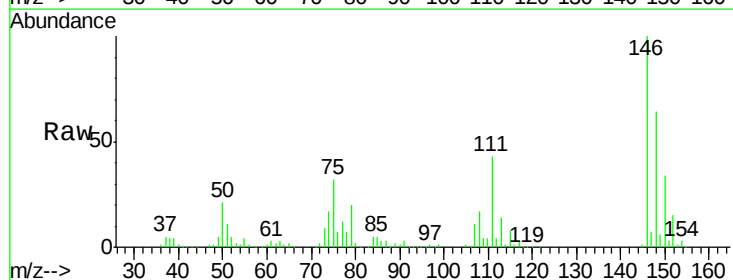
Tgt Ion:146 Resp: 274006

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

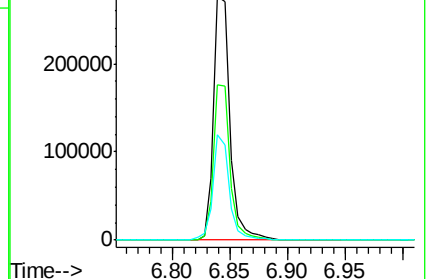
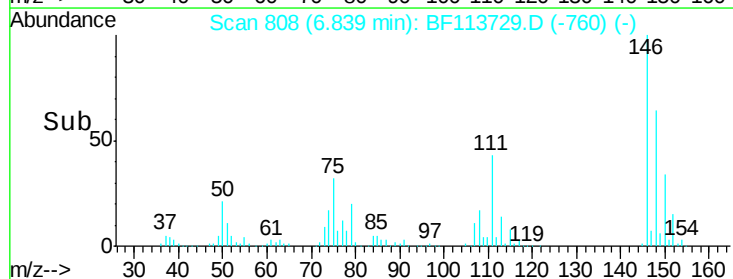
111 43.3 35.4 53.2

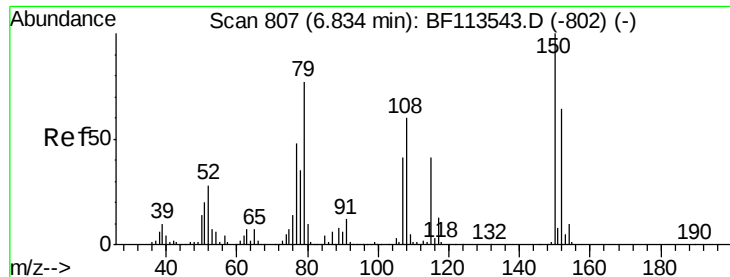


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.801 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

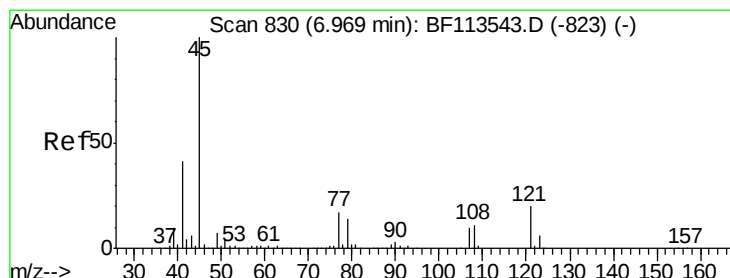
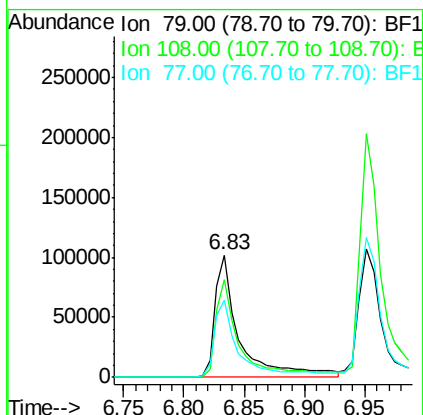
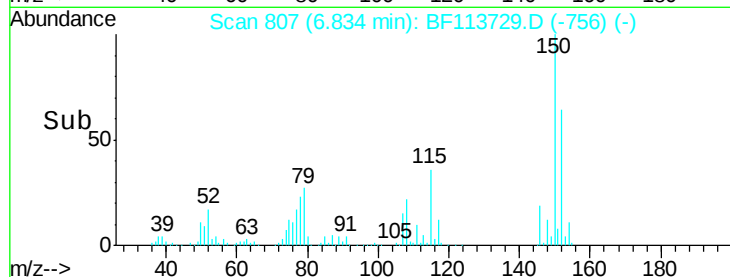
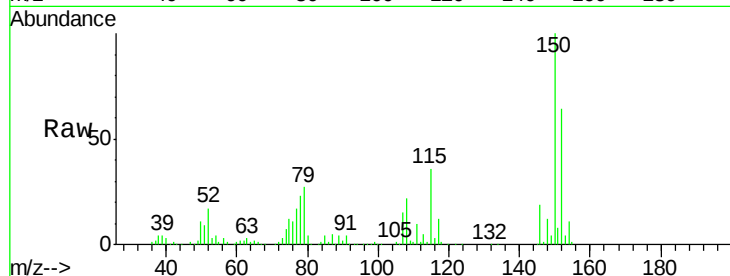
Tot Ion: 79 Resp: 142771

Ion Ratio Lower Upper

79 100

108 80.6 62.0 93.0

77 63.1 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.562 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

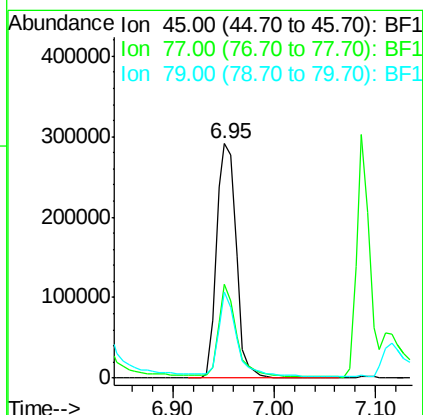
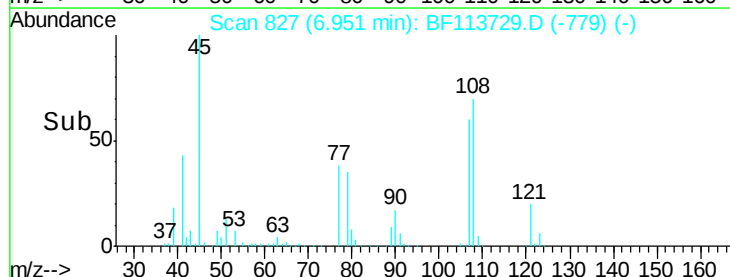
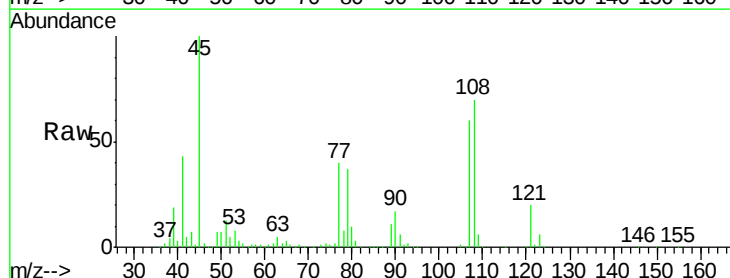
Tgt Ion: 45 Resp: 391141

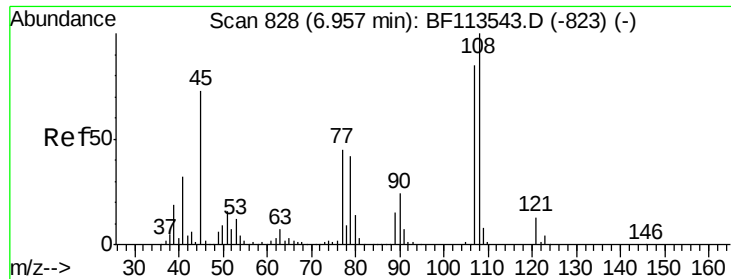
Ion Ratio Lower Upper

45 100

77 39.9 0.0 36.6#

79 36.7 0.0 34.0#

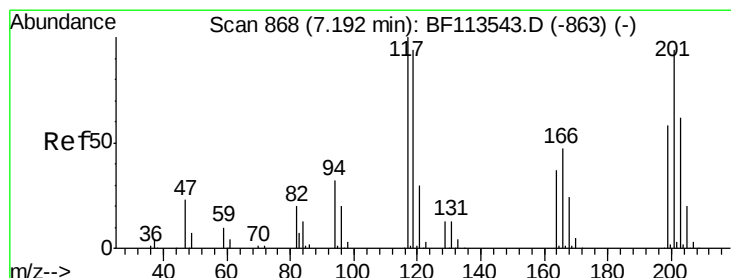
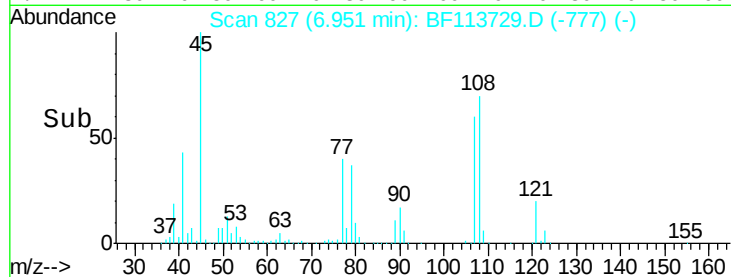
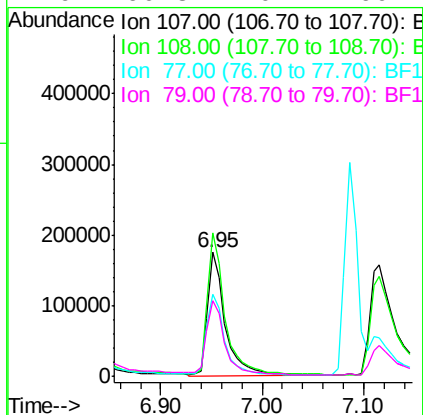
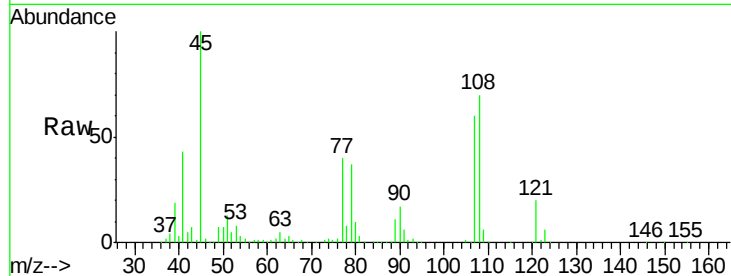




#17
2-Methylphenol
Concen: 35.448 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

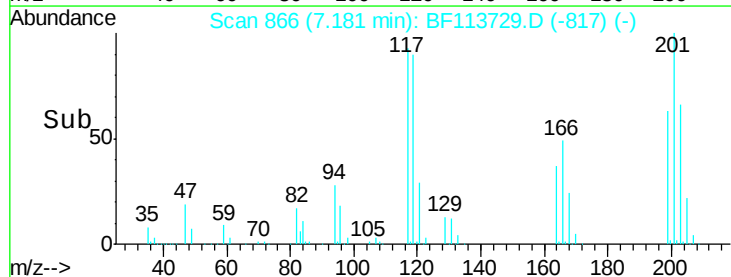
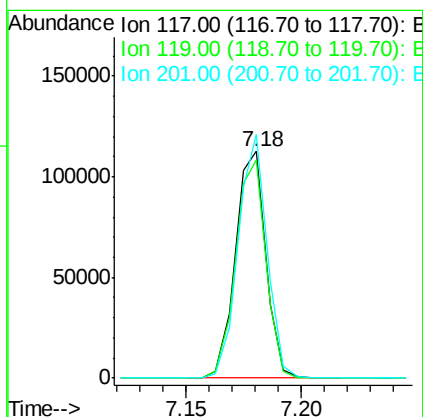
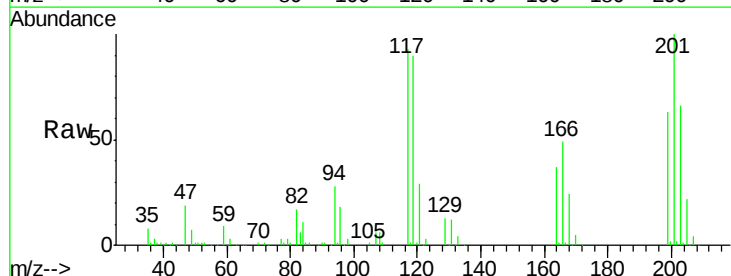
Instrument :
BNA_F
ClientSampleId :

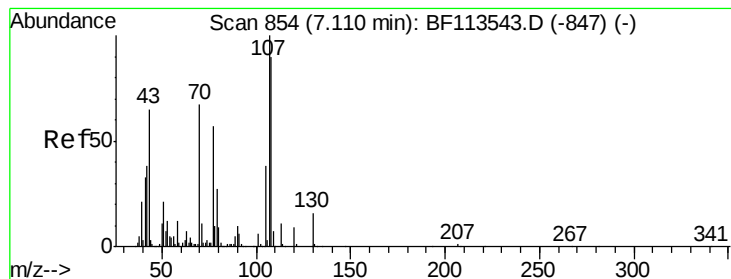
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	66.2	41.2	61.8
79	60.8	40.1	60.1



#18
Hexachloroethane
Concen: 33.971 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	107.3	78.7	118.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.425 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 183822

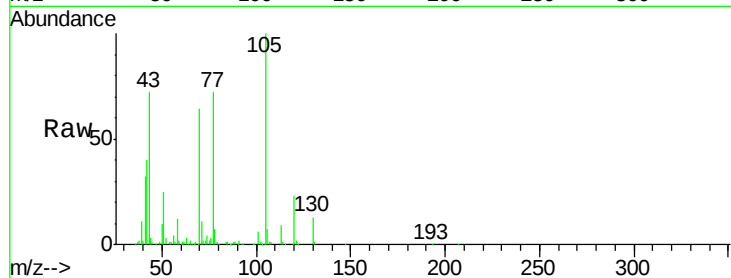
Ion	Ratio	Lower	Upper
70	100		
42	62.2	48.4	72.6
101	9.1	7.8	11.8
130	21.0	18.2	27.4

70 100

42 62.2 48.4 72.6

101 9.1 7.8 11.8

130 21.0 18.2 27.4



Abundance

Ion 70.00 (69.70 to 70.70): BF1

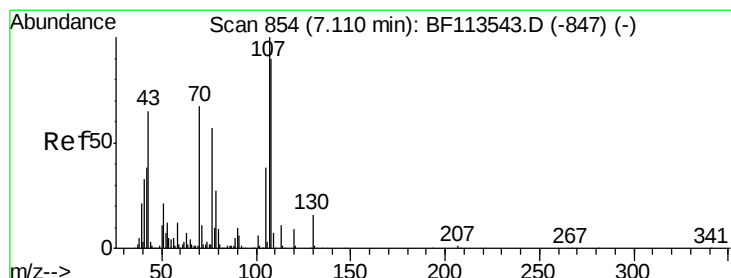
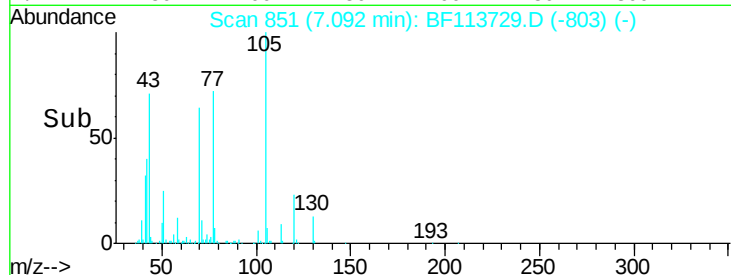
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->

7.05 7.10 7.15 7.20



#20

3+4-Methylphenols

Concen: 40.083 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Tgt Ion: 107 Resp: 289147

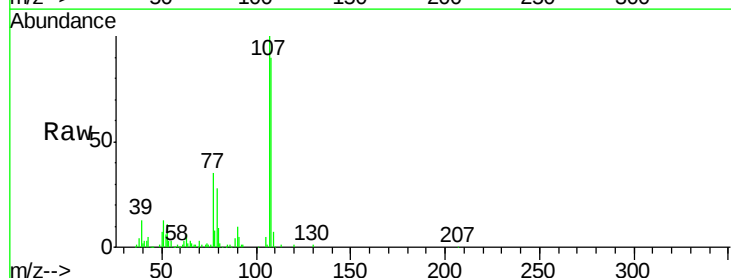
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.4	111.4
77	34.5	33.5	73.5
79	27.6	8.3	48.3

107 100

108 90.0 71.4 111.4

77 34.5 33.5 73.5

79 27.6 8.3 48.3



Abundance

Ion 107.00 (106.70 to 107.70): BF1

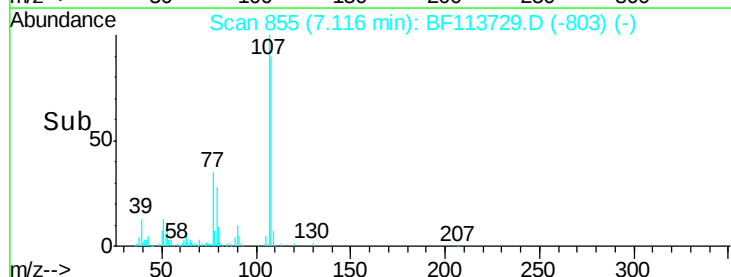
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

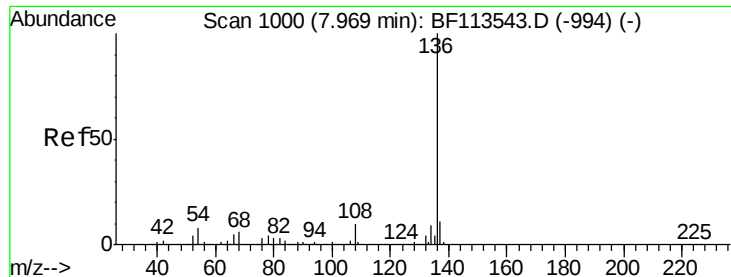
Time-->

7.00 7.10 7.20



Time-->

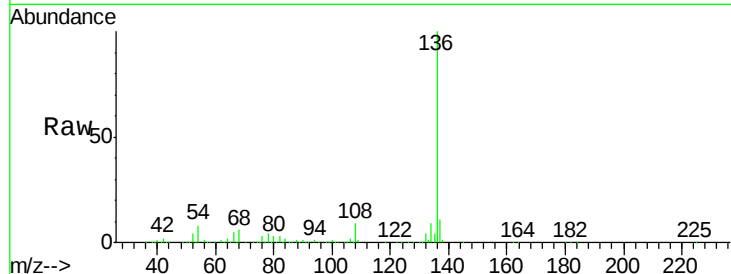
7.00 7.10 7.20



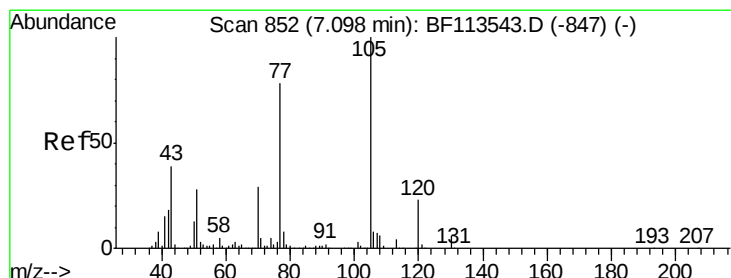
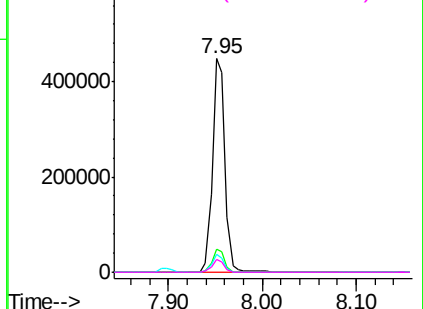
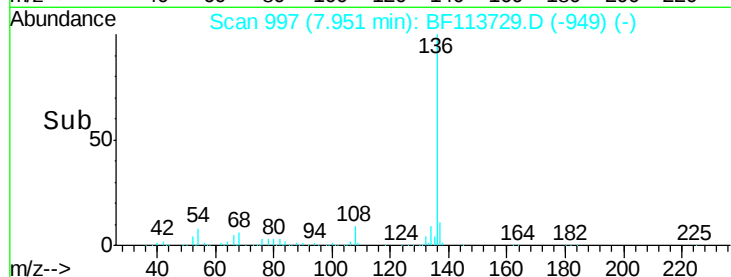
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	424438
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.4	7.0 10.6
68	6.0	4.8 7.2

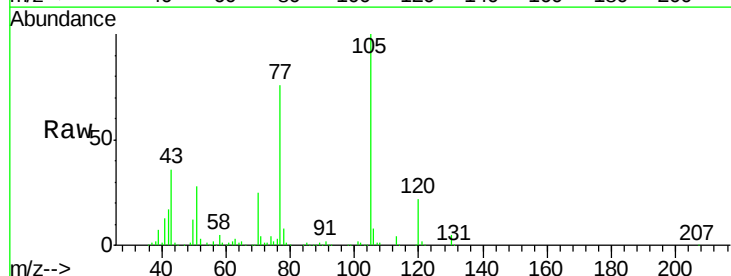


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

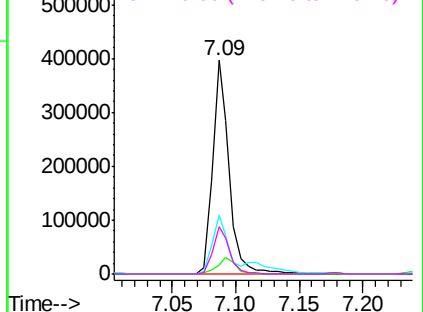
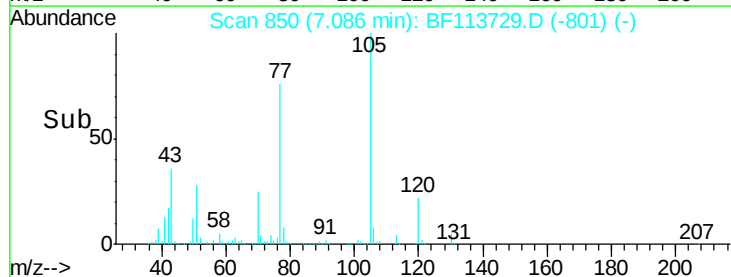


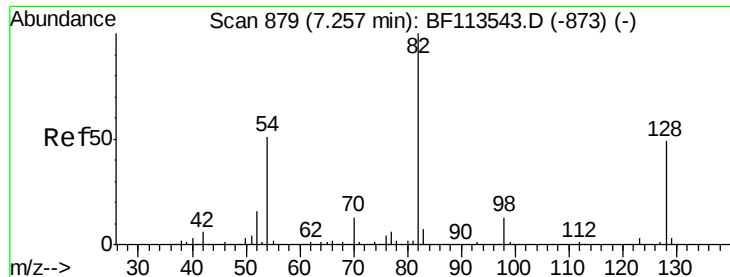
#22
Acetophenone
Concen: 39.081 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:105	Resp:	364315
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.3 4.9
51	27.6	24.2 36.2
120	22.1	18.1 27.1



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

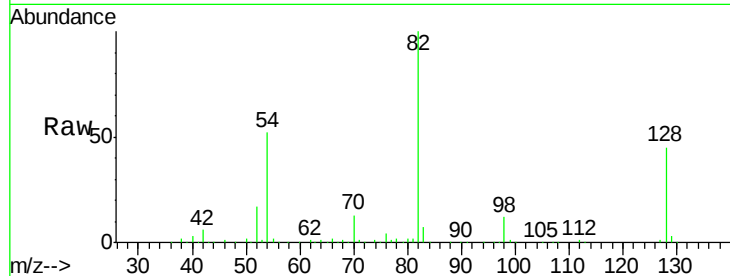




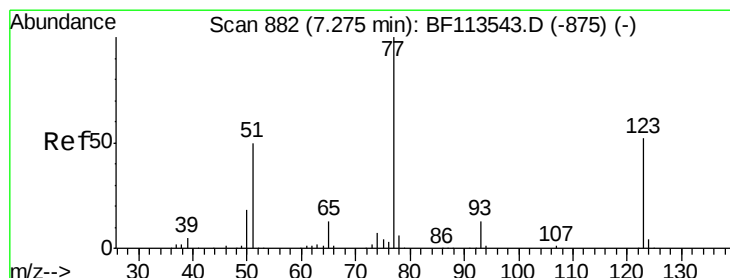
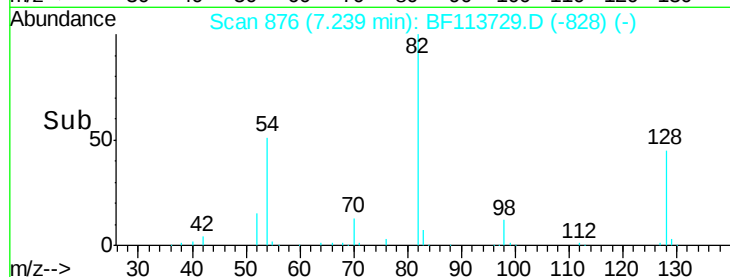
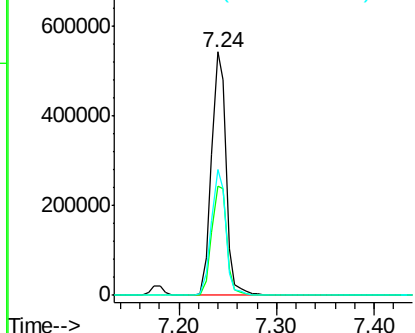
#23
Nitrobenzene-d5
Concen: 78.028 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 565391
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 51.8 42.2 63.2

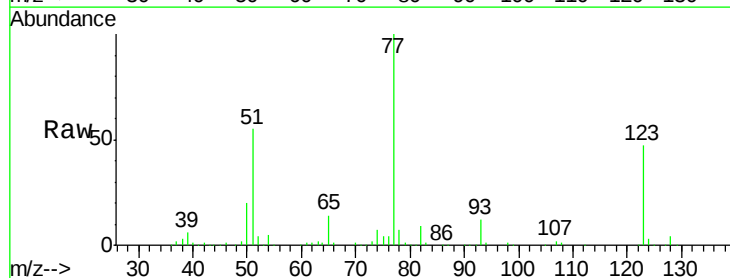


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

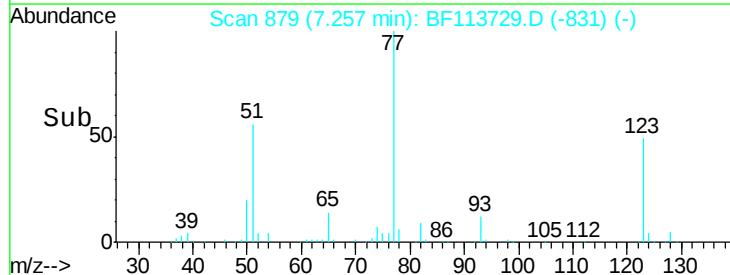
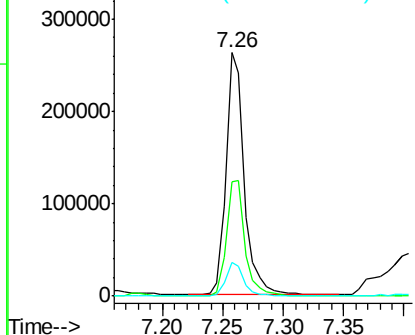


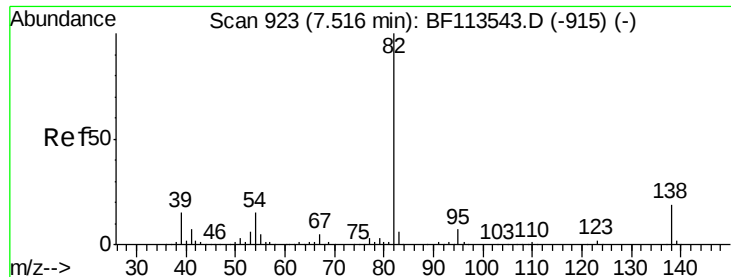
#24
Nitrobenzene
Concen: 36.123 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion: 77 Resp: 269561
Ion Ratio Lower Upper
77 100
123 47.0 40.8 61.2
65 13.8 10.6 16.0



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

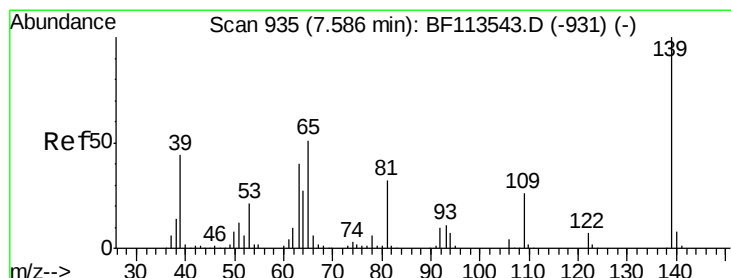
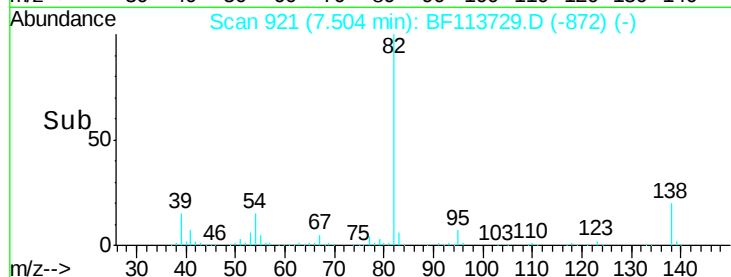
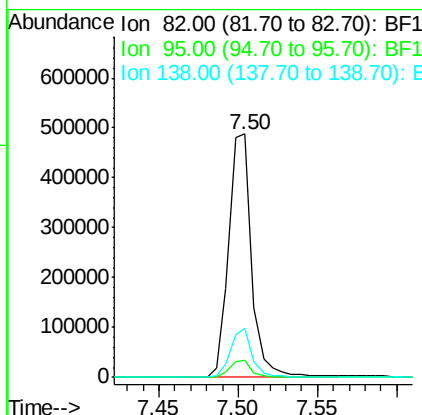
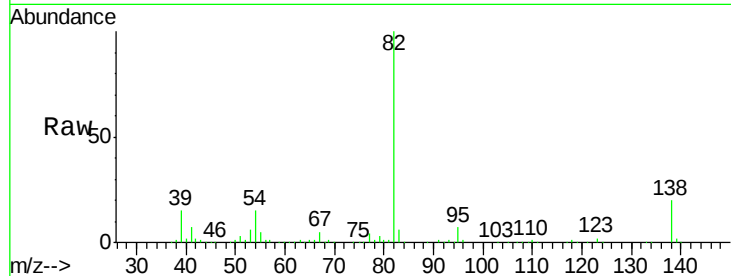




#25
Isophorone
Concen: 35.333 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

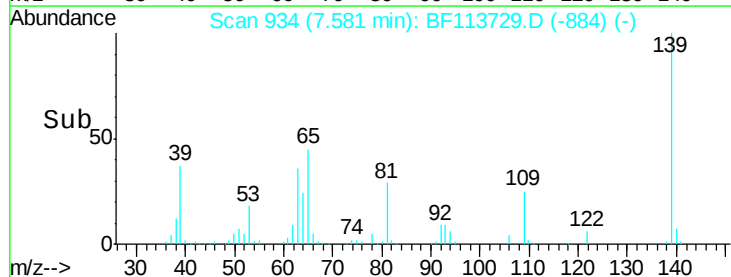
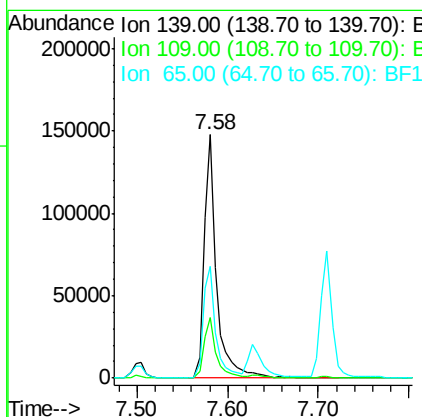
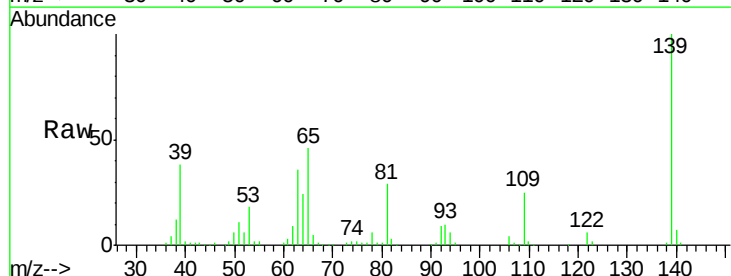
Instrument :
BNA_F
ClientSampleId :

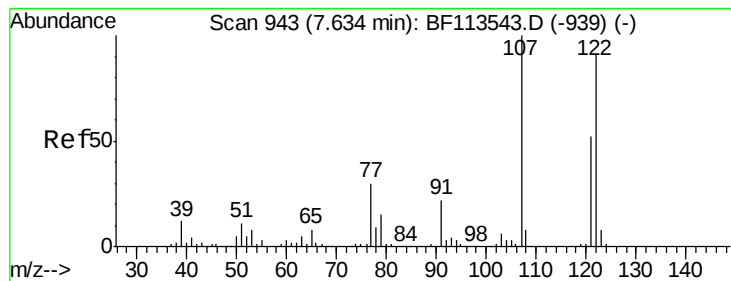
Tot Ion: 82 Resp: 493196
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.9 15.2 22.8



#26
2-Nitrophenol
Concen: 35.640 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion: 139 Resp: 143136
Ion Ratio Lower Upper
139 100
109 25.1 21.7 32.5
65 45.7 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 41.158 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

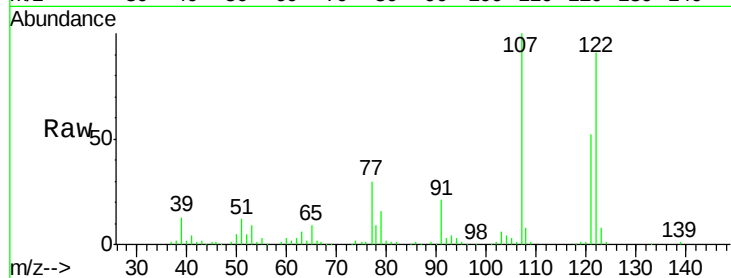
Tot Ion:122 Resp: 236311

Ion Ratio Lower Upper

122 100

107 109.6 88.8 133.2

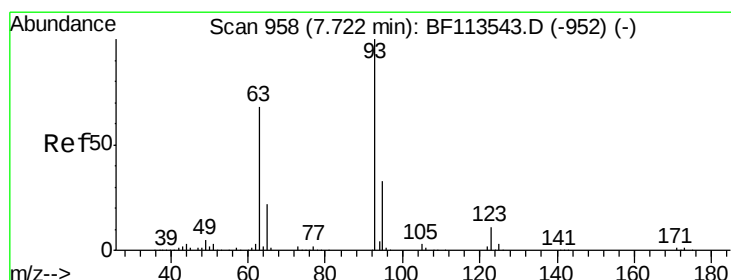
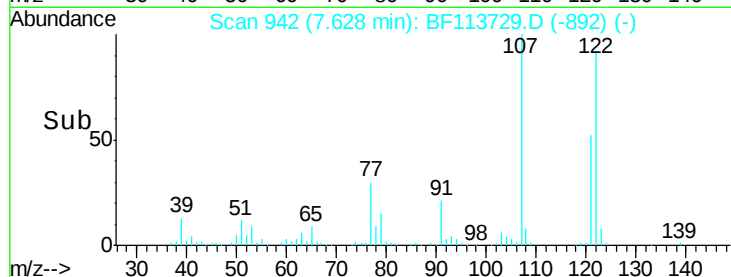
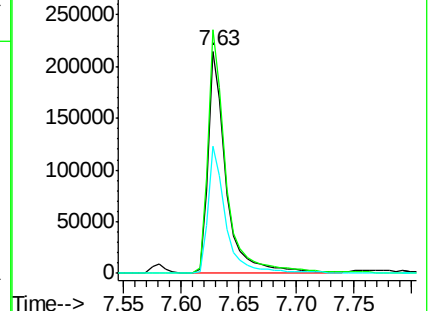
121 57.0 45.5 68.3



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: 36.531 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

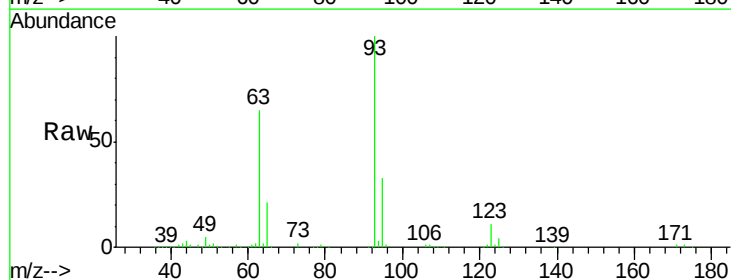
Tgt Ion: 93 Resp: 322385

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

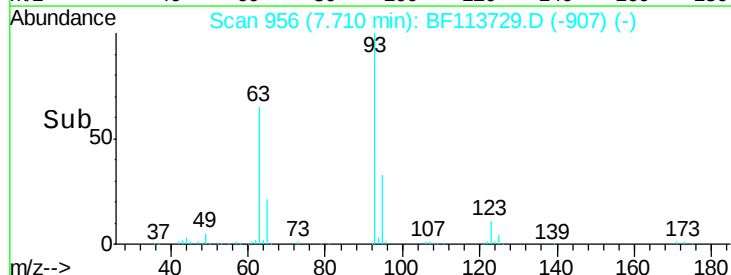
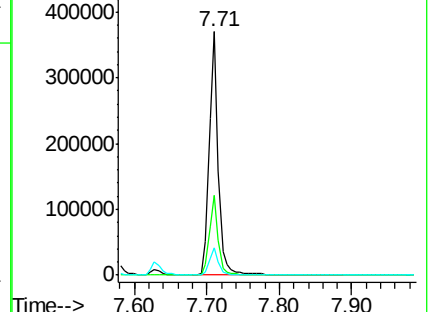
123 11.1 9.1 13.7

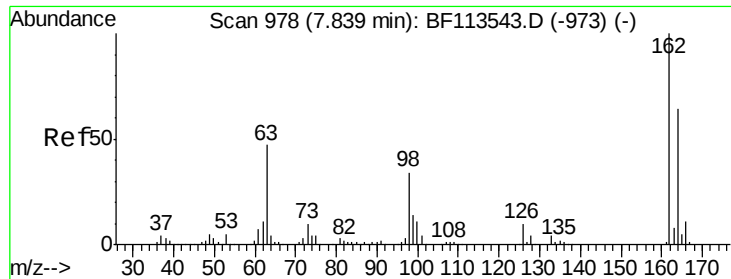


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

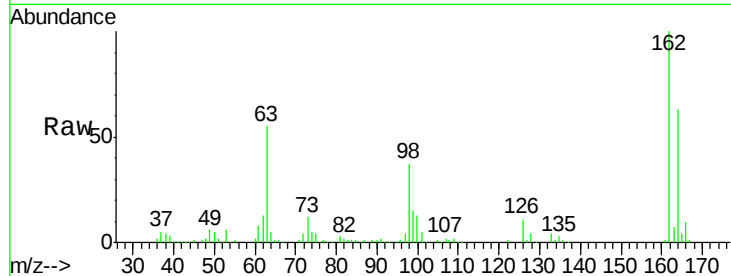




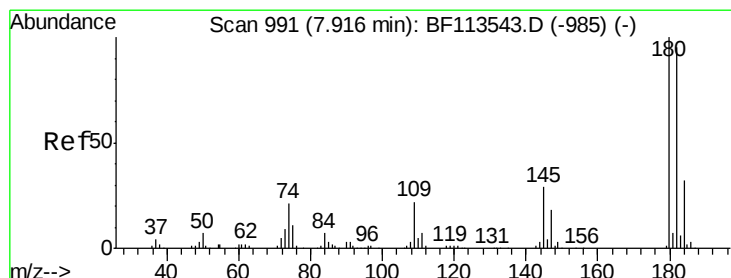
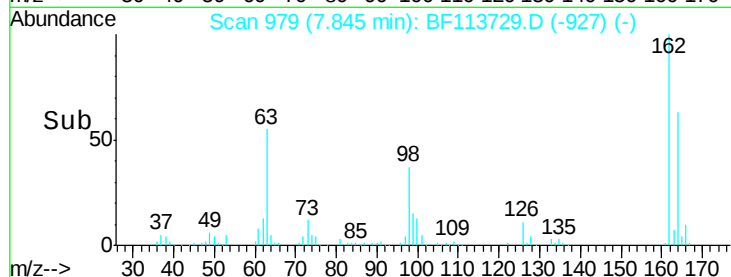
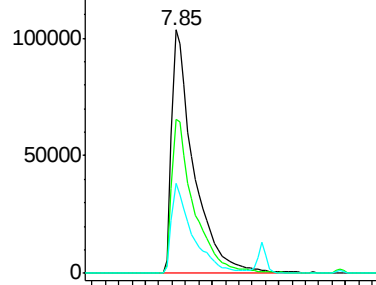
#29
 2,4-Dichlorophenol
 Concen: 38.167 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.8	15.6	55.6

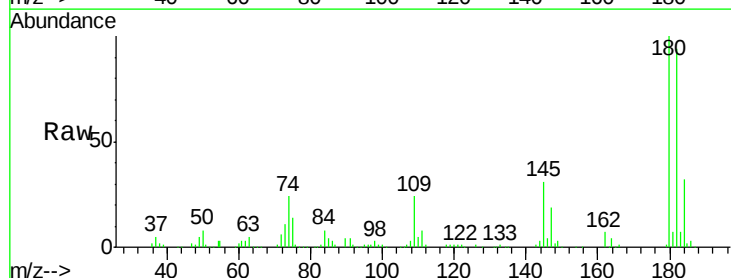


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

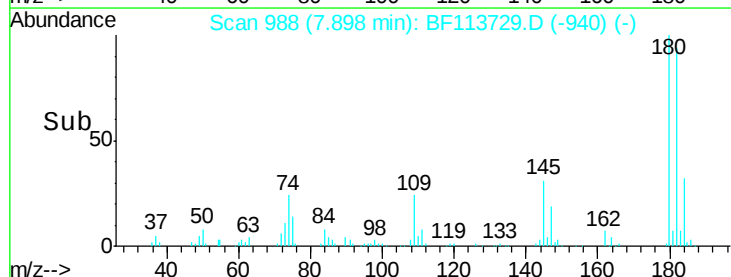
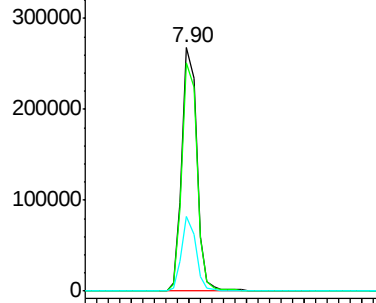


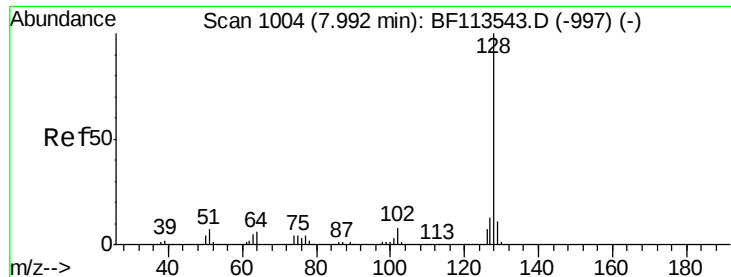
#30
 1,2,4-Trichlorobenzene
 Concen: 36.899 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.6	111.8
145	30.6	23.4	35.0



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

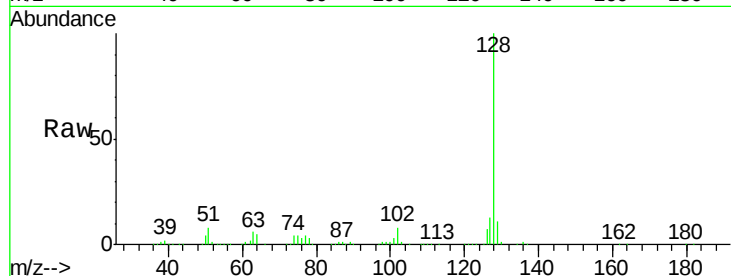




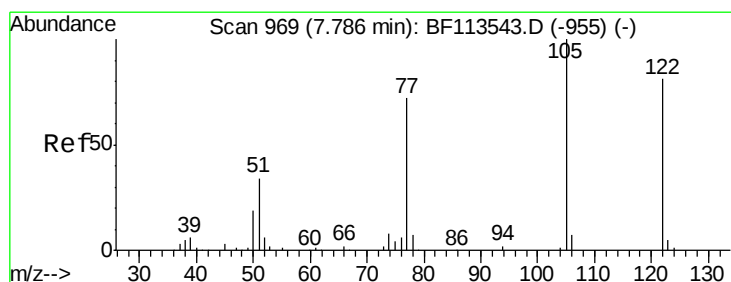
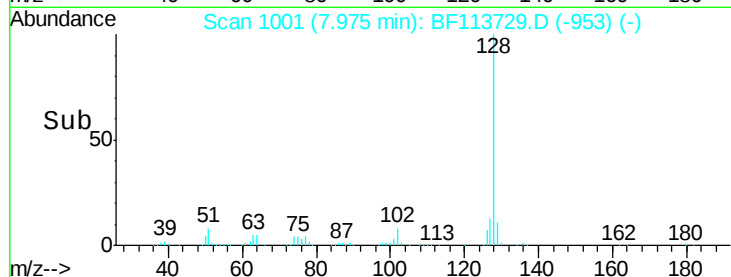
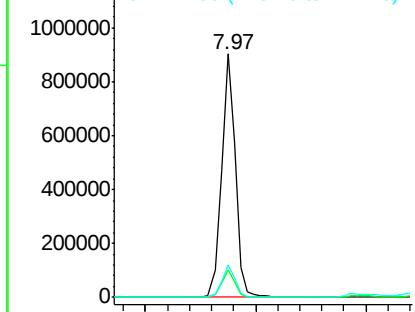
#31
Naphthalene
Concen: 38.462 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 790969
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.1 10.9 16.3

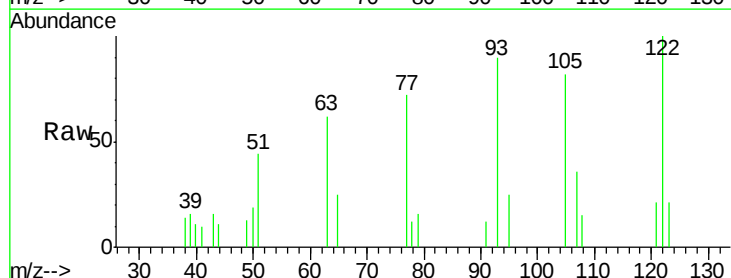


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

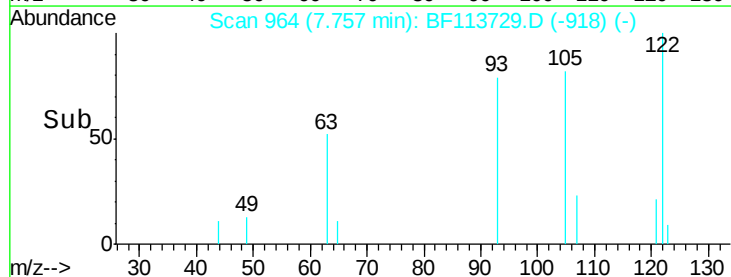
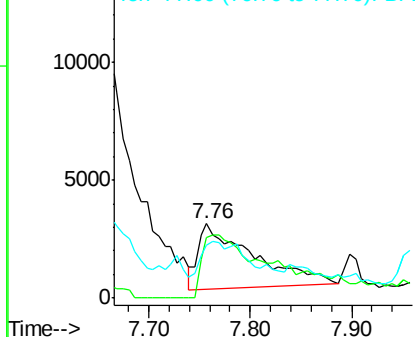


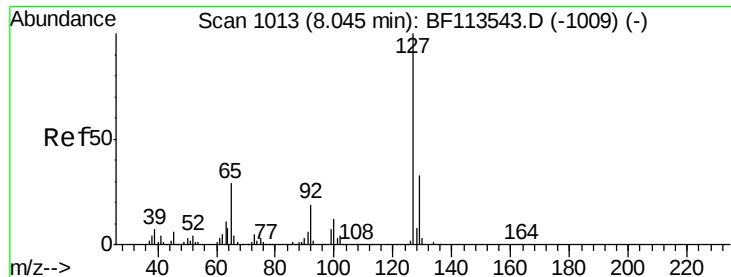
#32
Benzoic acid
Concen: 2.297 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:122 Resp: 10212
Ion Ratio Lower Upper
122 100
105 82.4 100.4 140.4#
77 72.0 69.0 109.0



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

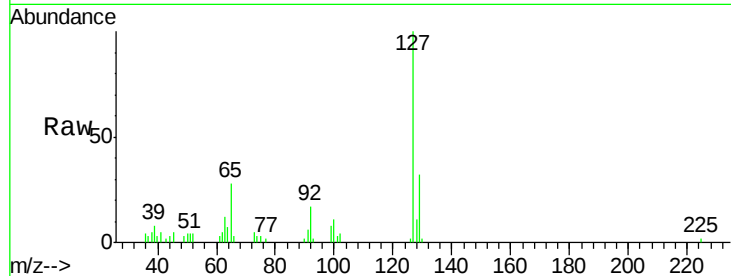




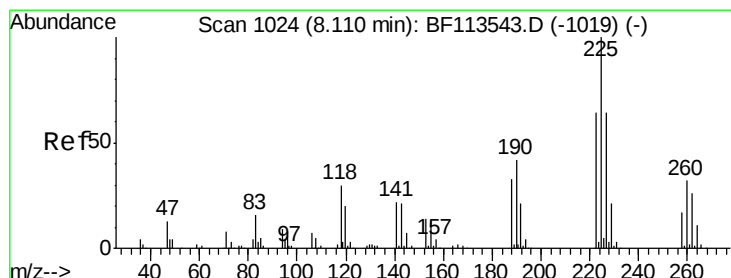
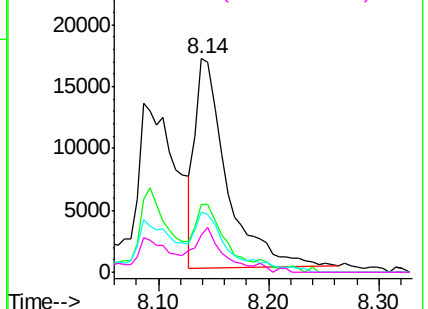
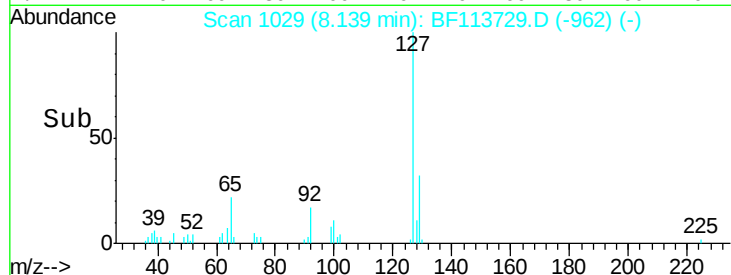
#33
4-Chloroaniline
Concen: 4.117 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.09 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	33568
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.3 39.5
65	28.2	24.2 36.4
92	17.4	15.0 22.6

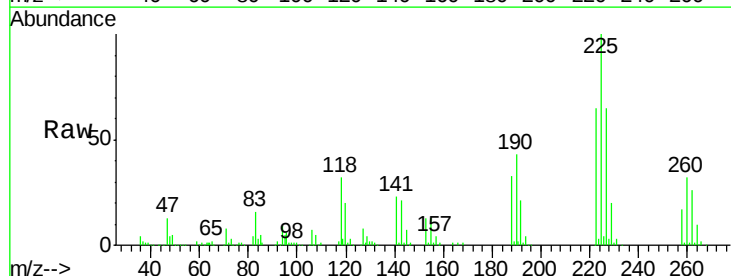


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

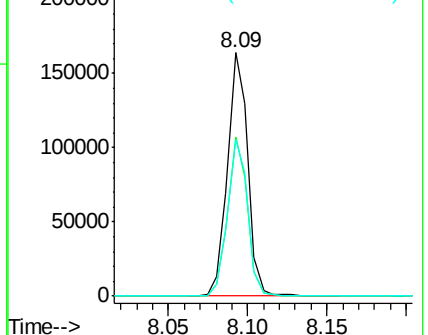
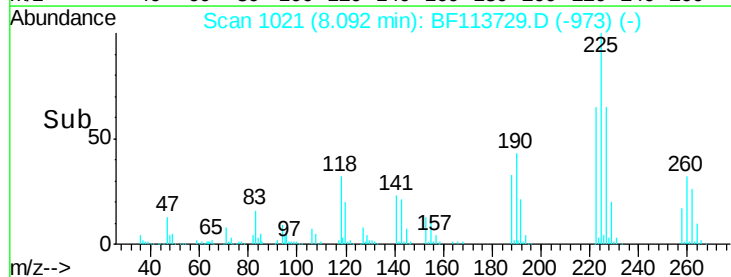


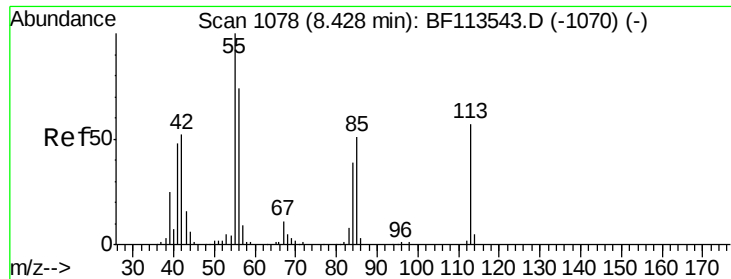
#34
Hexachlorobutadiene
Concen: 35.667 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:225	Resp:	145064
Ion Ratio	Lower	Upper
225	100	
223	65.3	51.4 77.2
227	64.5	51.1 76.7



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

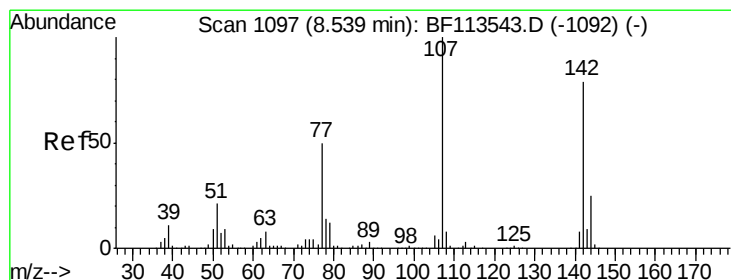
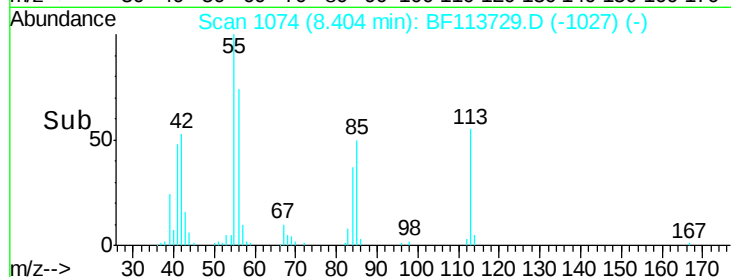
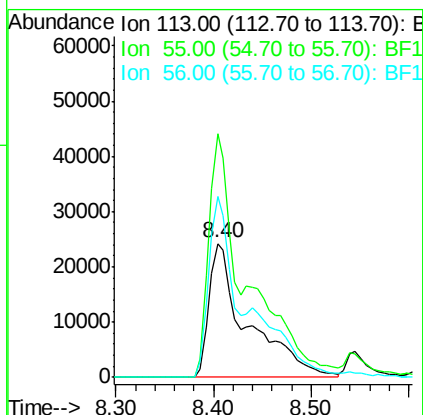
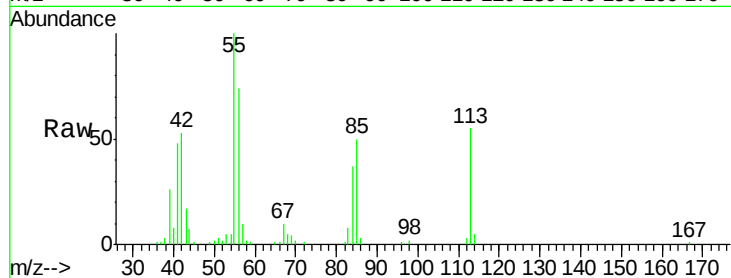




#35
 Caprolactam
 Concen: 33.941 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

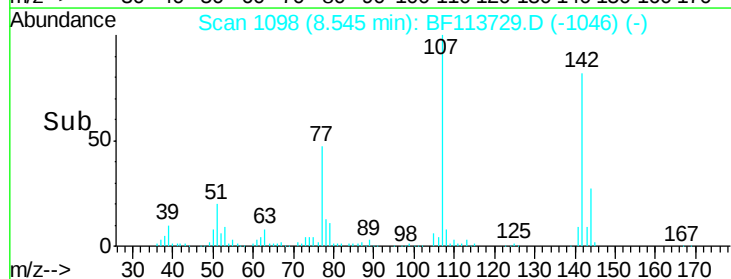
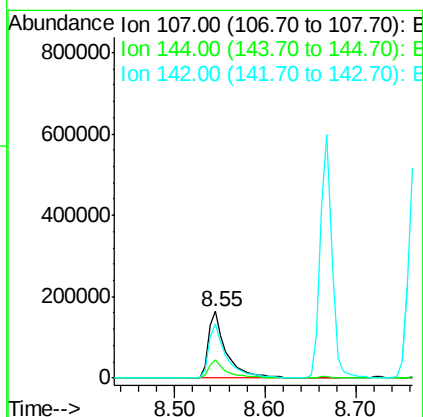
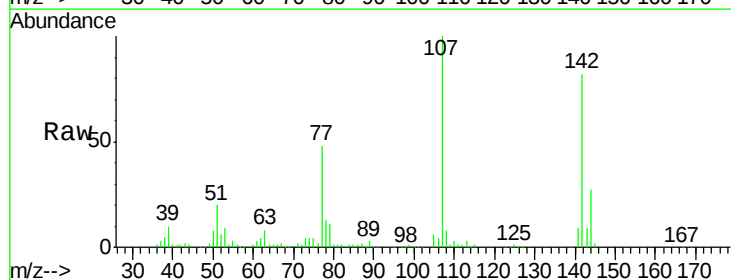
Instrument :
 BNA_F
 ClientSampled :

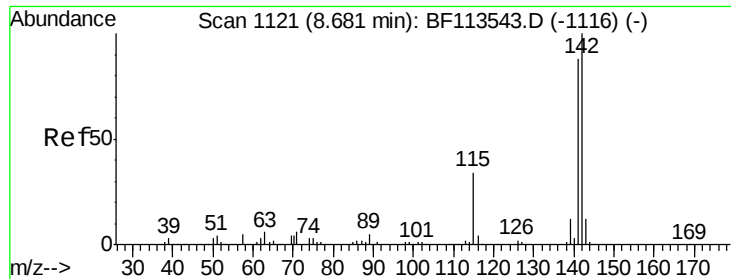
Tot Ion:113 Resp: 66187
 Ion Ratio Lower Upper
 113 100
 55 182.2 152.7 192.7
 56 134.9 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 36.815 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion:107 Resp: 227029
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.4 32.0
 142 81.6 65.6 98.4

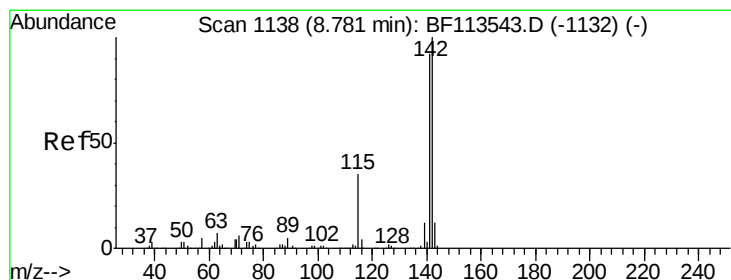
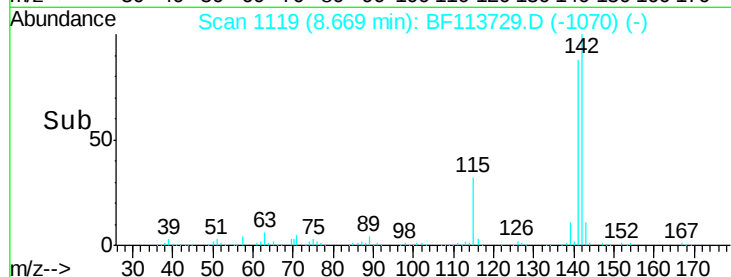
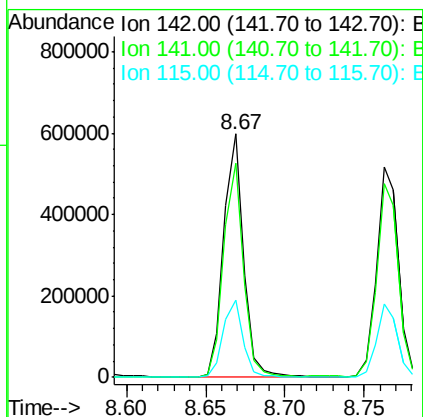
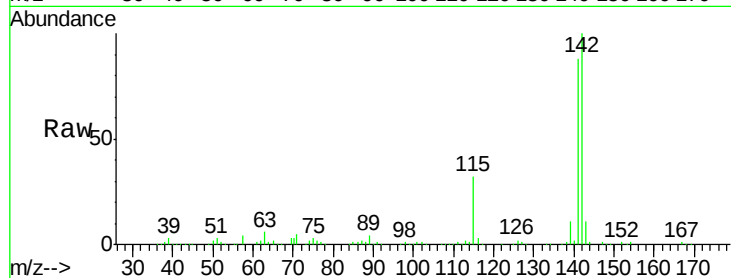




#37
2-Methylnaphthalene
Concen: 38.659 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

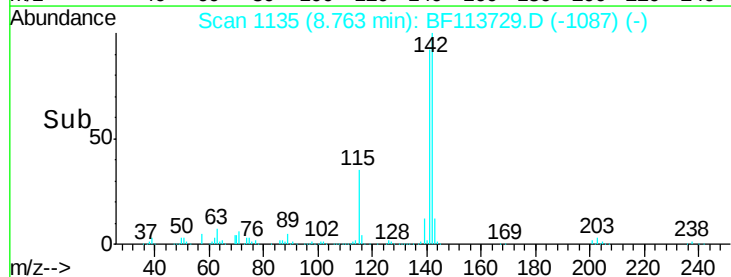
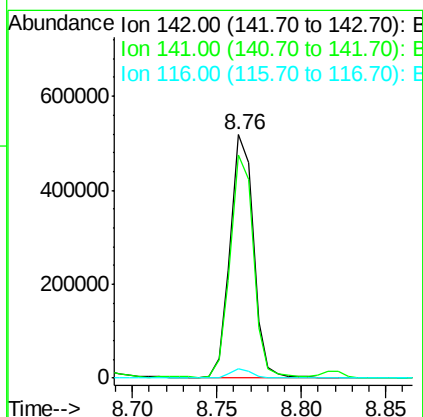
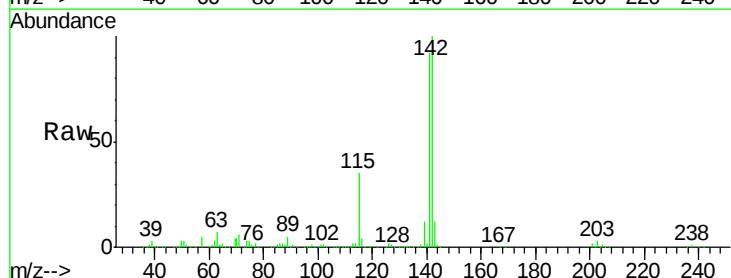
Instrument :
BNA_F
ClientSampleId :

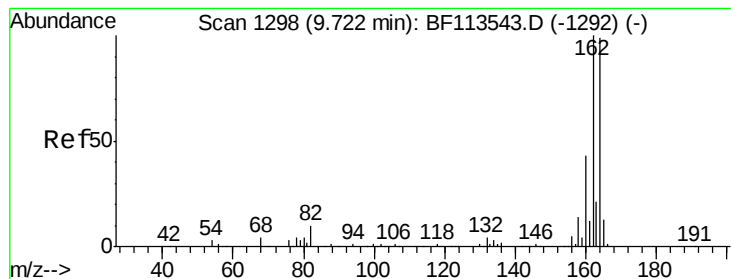
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	31.8	26.6	39.8



#38
1-Methylnaphthalene
Concen: 38.379 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
116	3.7	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

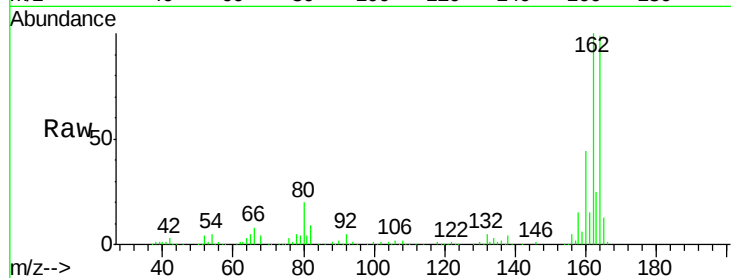
Tot Ion:164 Resp: 203625

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

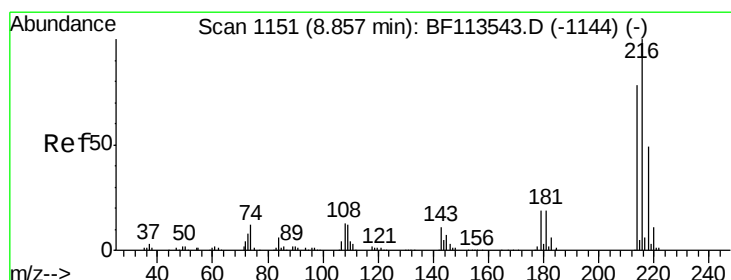
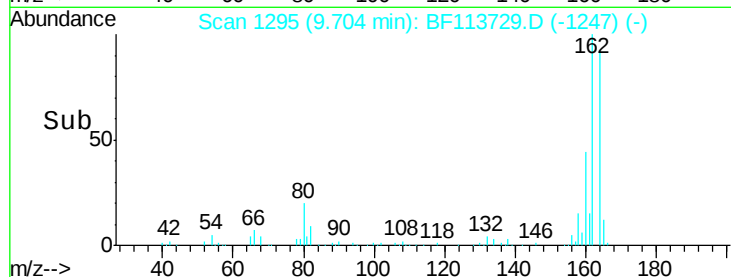
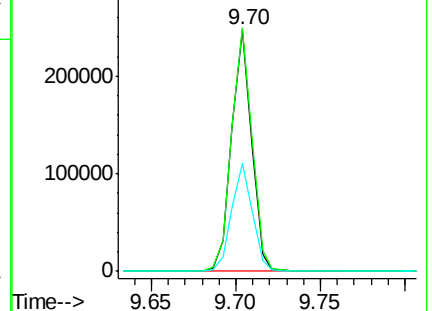
160 44.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.289 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Tgt Ion:216 Resp: 252146

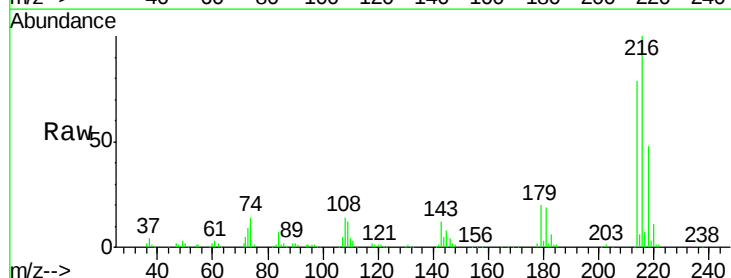
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 19.9 16.8 25.2

108 16.8 13.8 20.6

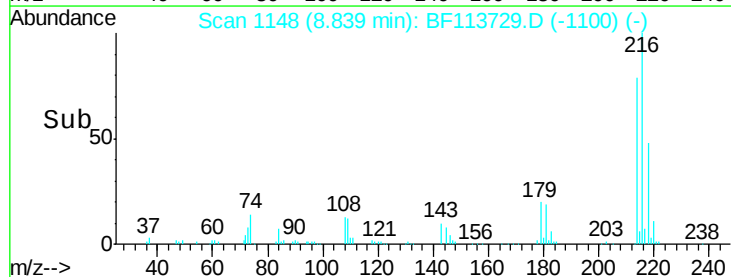
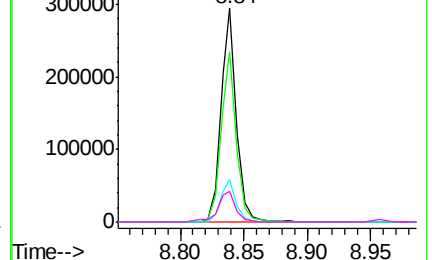


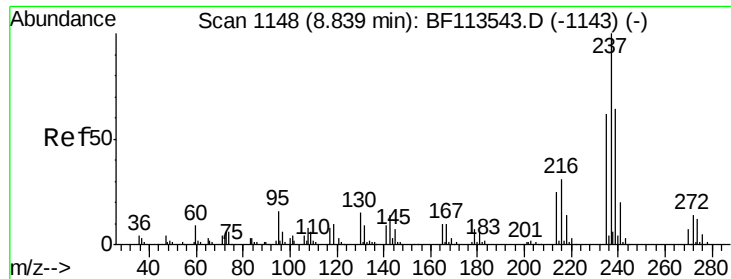
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

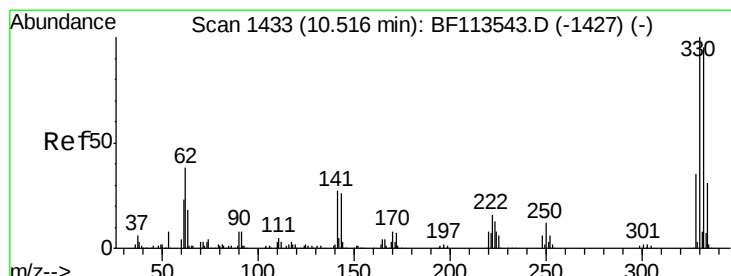
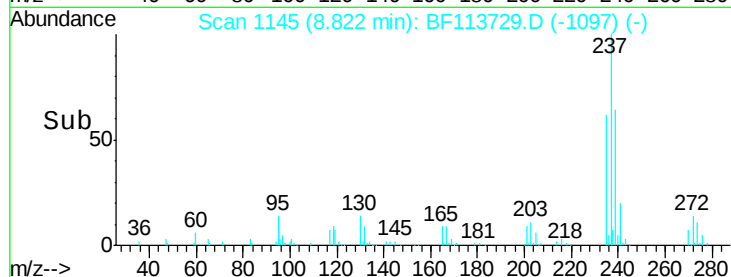
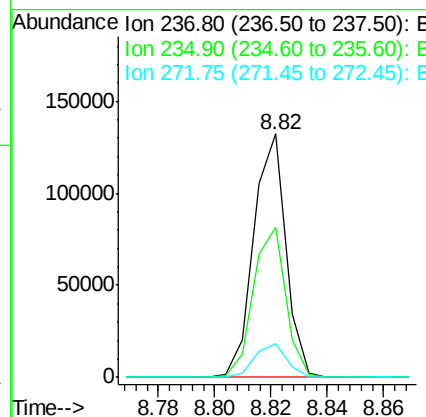
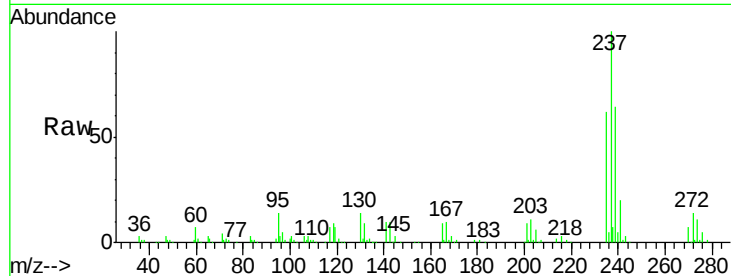




#41
Hexachlorocyclopentadiene
Concen: 51.168 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

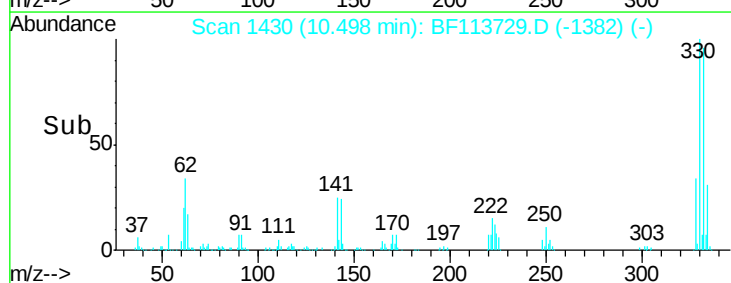
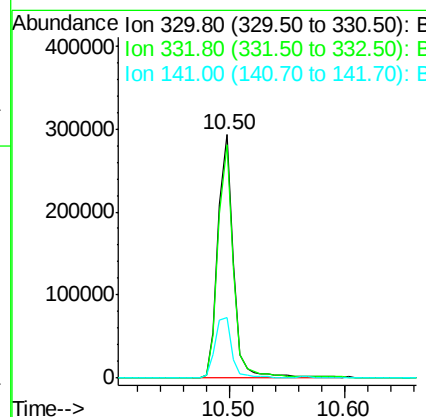
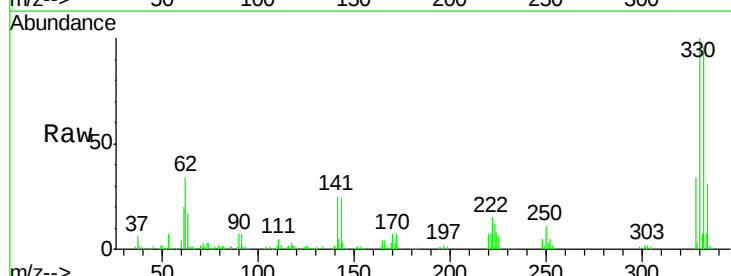
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	104550
Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.4	83.4
272	13.9	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 112.562 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:	330	Resp:	275330
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	27.3	22.7	34.1

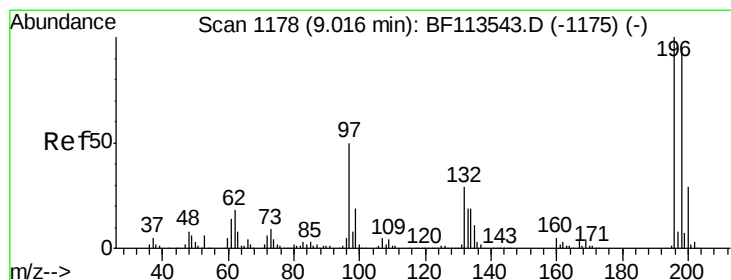
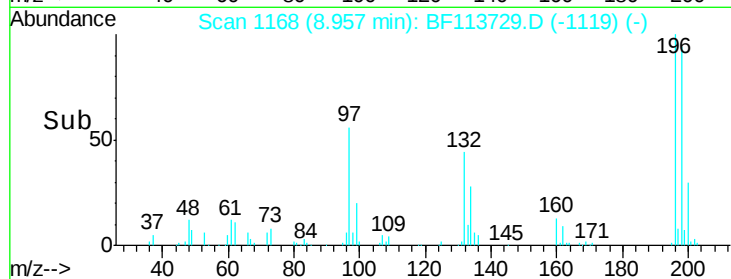
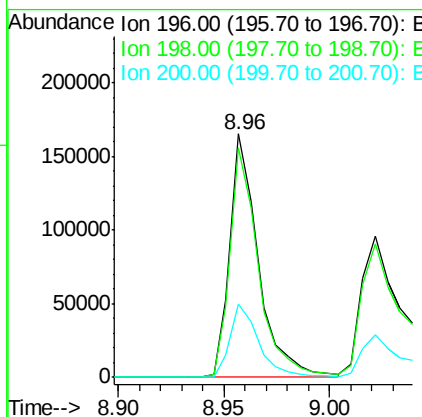
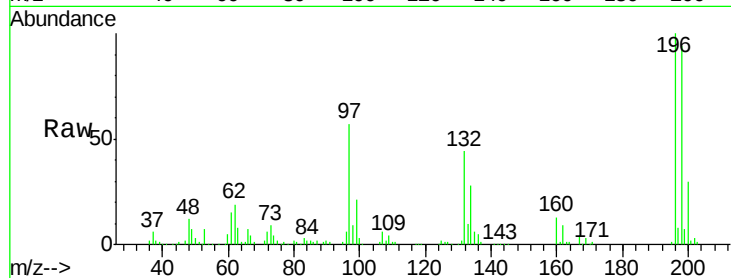




#43
 2,4,6-Trichlorophenol
 Concen: 37.227 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

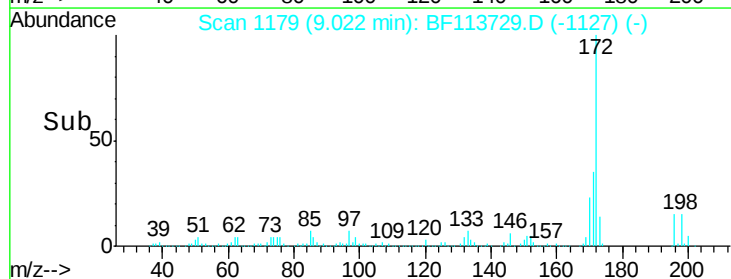
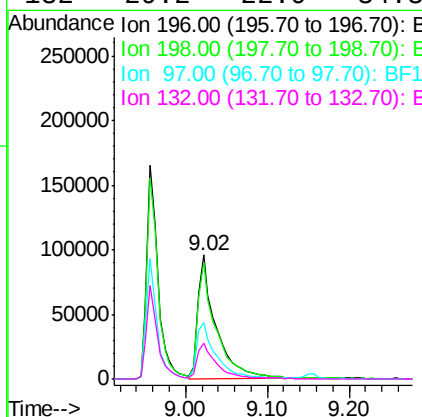
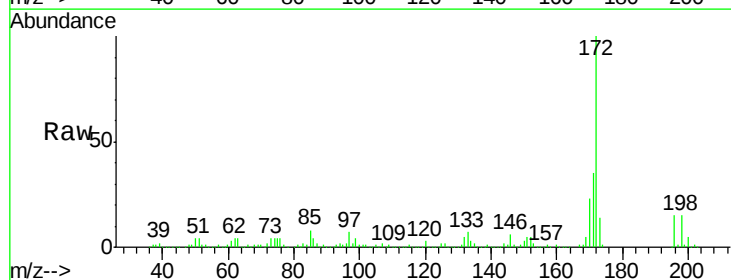
Instrument :
 BNA_F
 ClientSampled :

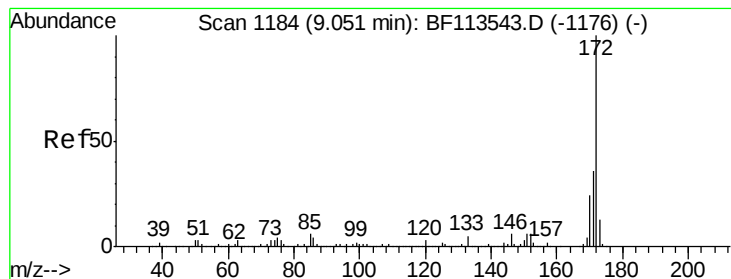
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.7	116.5
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.497 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.4	113.2
97	45.7	38.6	58.0
132	29.2	22.9	34.3





#45

2-Fluorobiphenyl

Concen: 83.413 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

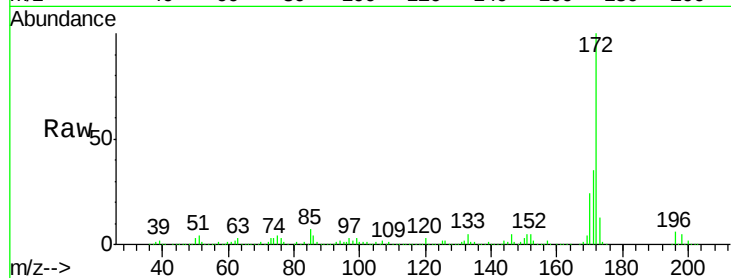
Tot Ion:172 Resp: 1055041

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

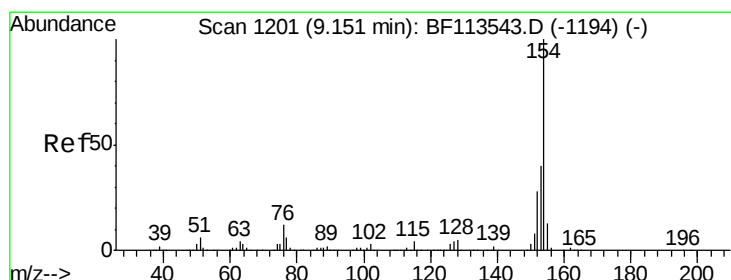
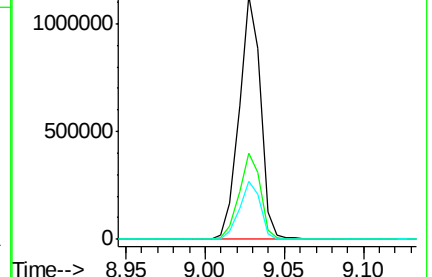
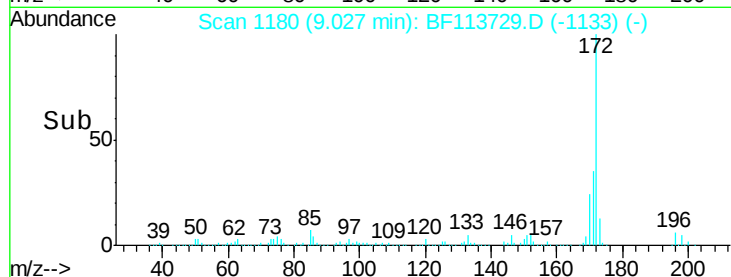
170 24.0 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.807 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

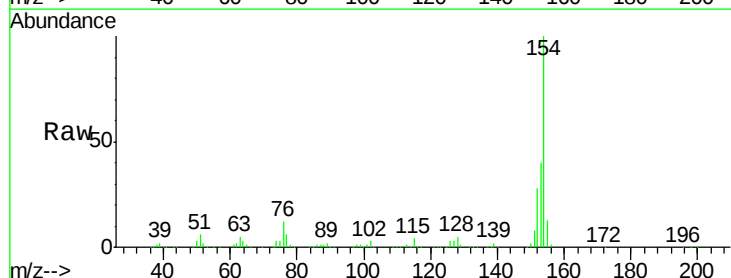
Tgt Ion:154 Resp: 652064

Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

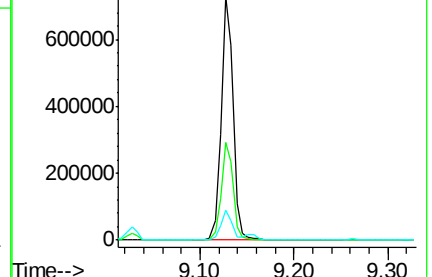
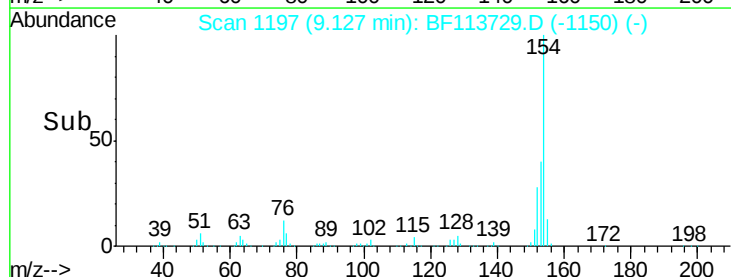
76 12.2 0.0 31.9

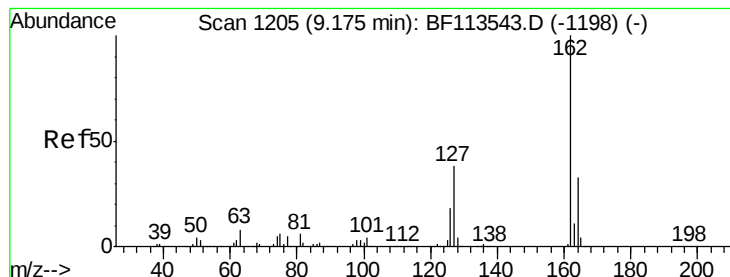


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.335 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

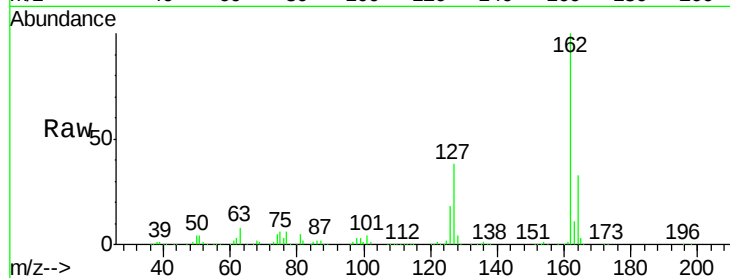
Tot Ion:162 Resp: 487705

Ion Ratio Lower Upper

162 100

127 37.8 32.6 49.0

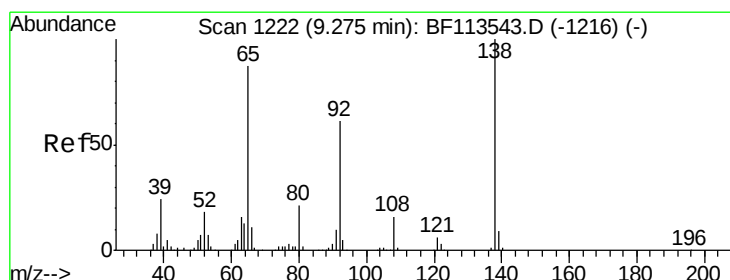
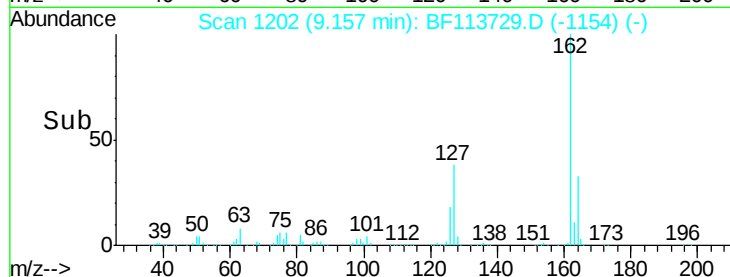
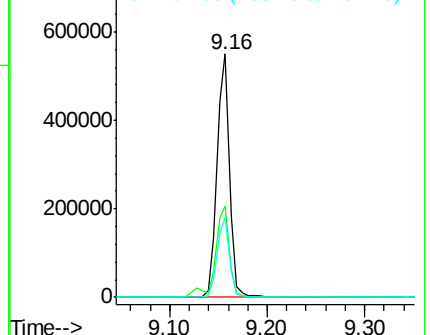
164 32.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.423 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

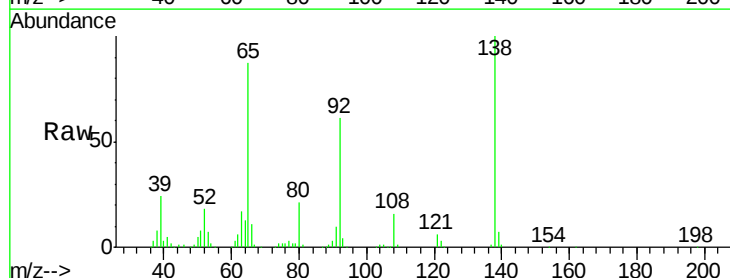
Tgt Ion: 65 Resp: 145683

Ion Ratio Lower Upper

65 100

92 70.5 56.8 85.2

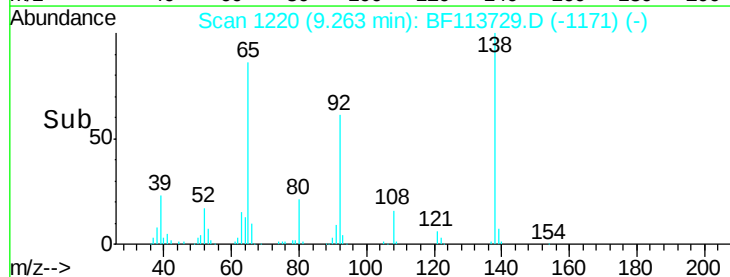
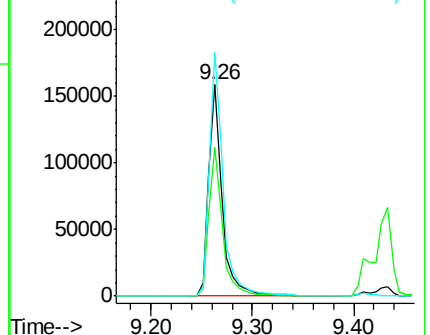
138 115.2 92.3 138.5

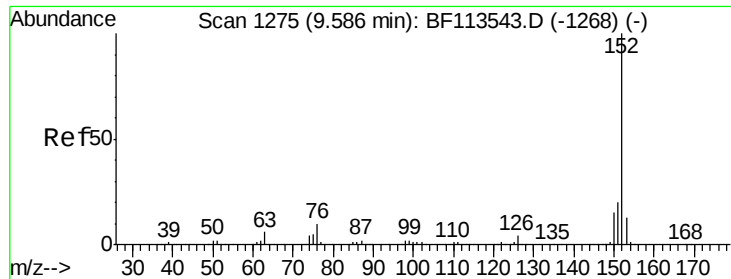


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.537 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

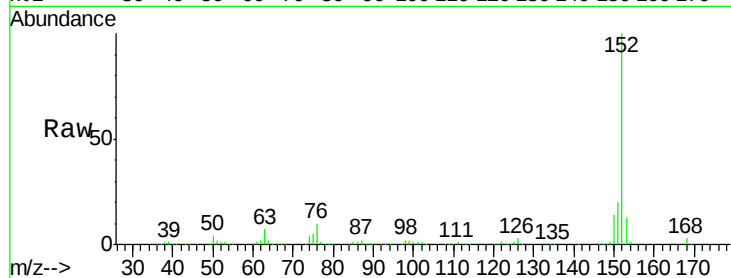
Tot Ion:152 Resp: 776556

Ion Ratio Lower Upper

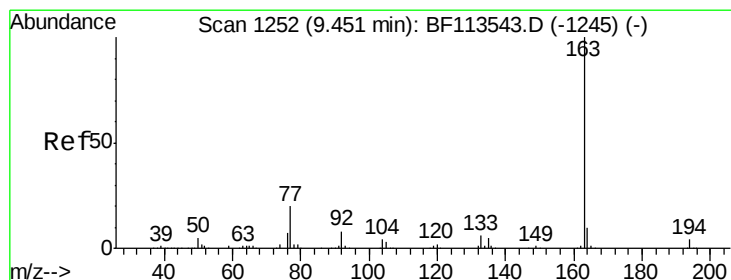
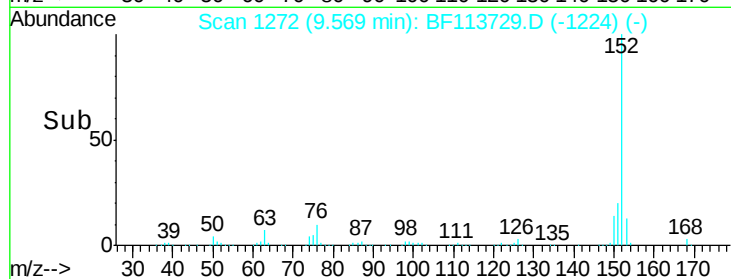
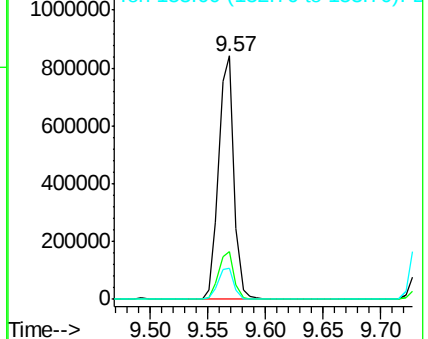
152 100

151 19.9 16.2 24.4

153 12.8 11.0 16.6



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



#50

Dimethylphthalate

Concen: 43.689 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

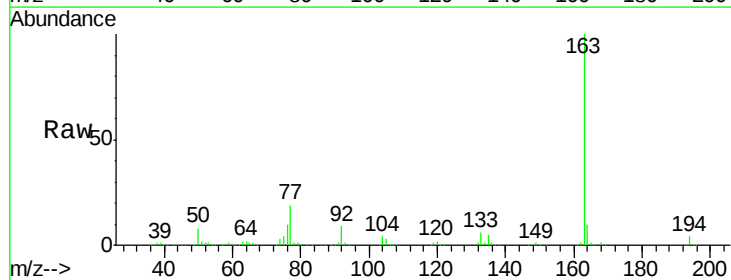
Tgt Ion:163 Resp: 655775

Ion Ratio Lower Upper

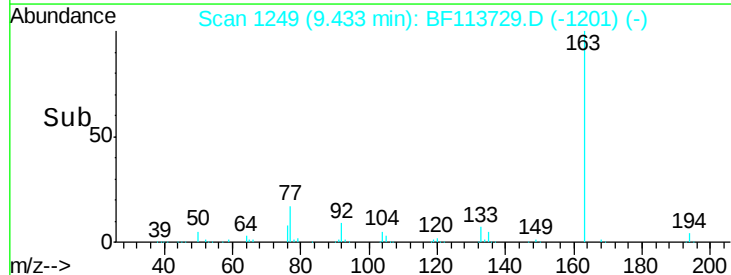
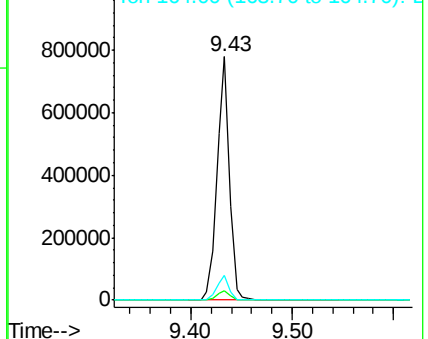
163 100

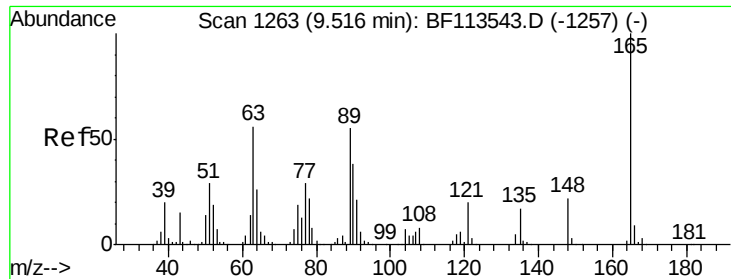
194 4.1 3.0 4.6

164 10.3 8.1 12.1



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

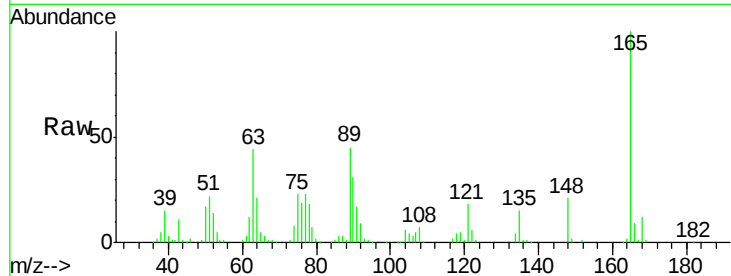




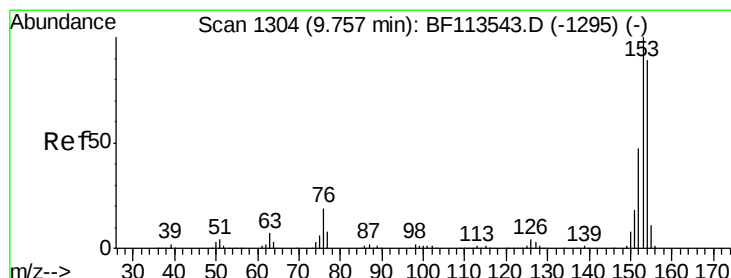
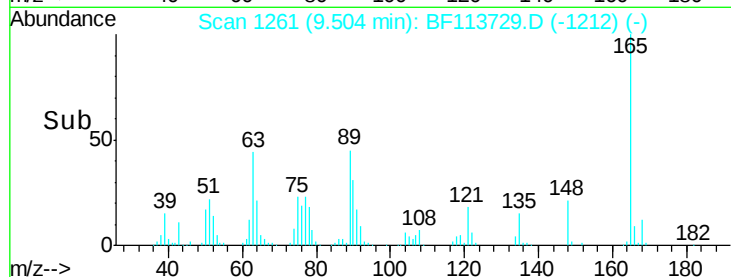
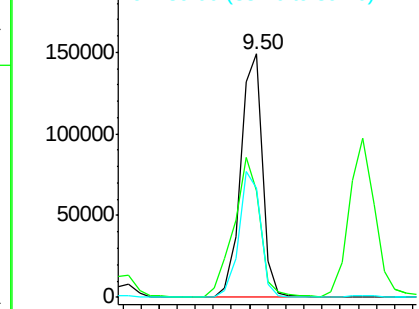
#51
2,6-Dinitrotoluene
Concen: 37.551 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	43.4	65.0
89	45.1	43.1	64.7

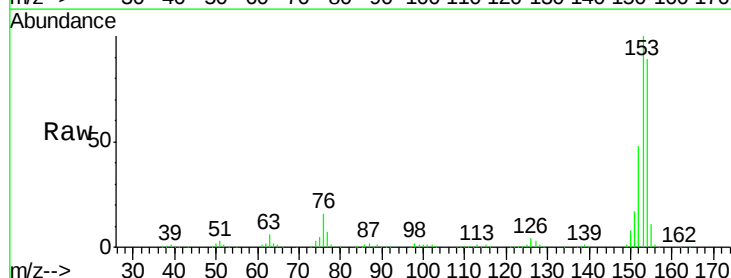


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

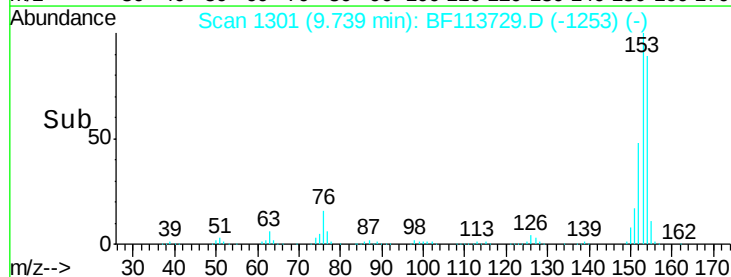
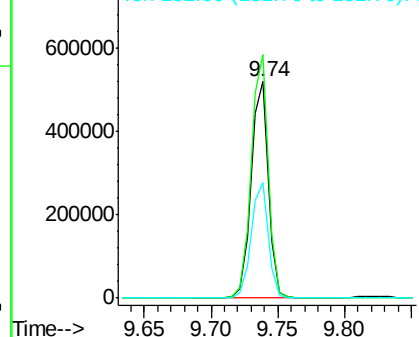


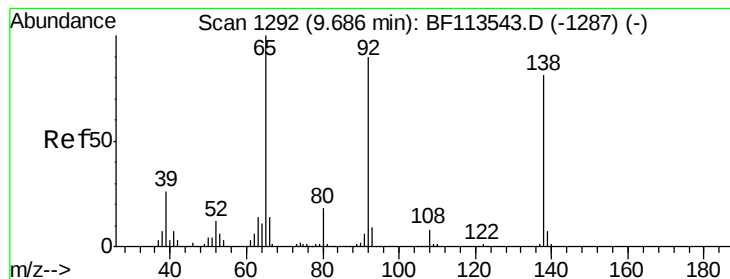
#52
Acenaphthene
Concen: 38.670 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.5	43.3	64.9



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: 22.611 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

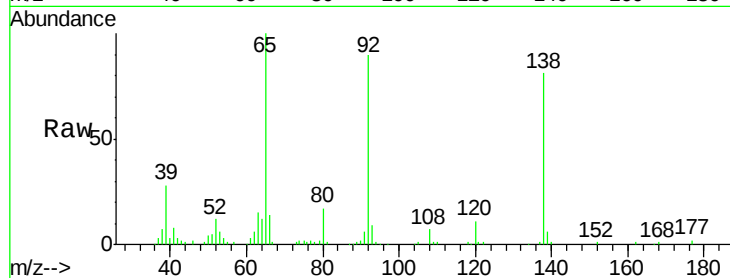
Tot Ion:138 Resp: 85055

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

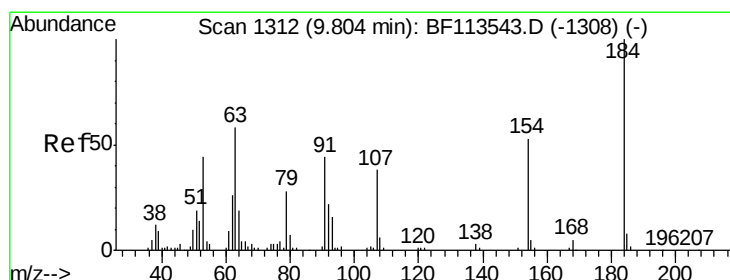
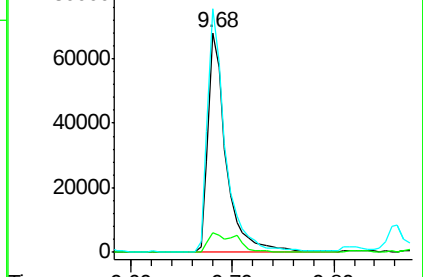
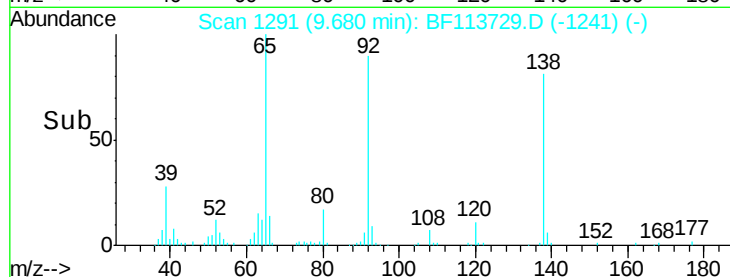
92 110.8 82.6 124.0



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: 8.596 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

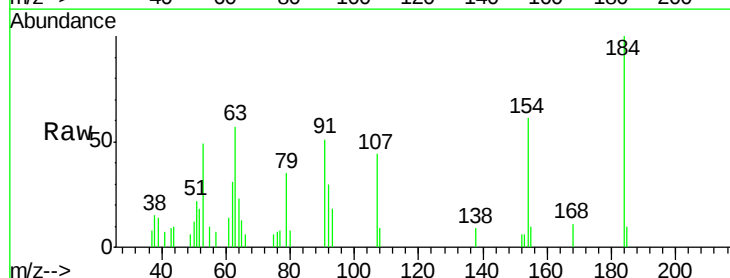
Tgt Ion:184 Resp: 13306

Ion Ratio Lower Upper

184 100

63 56.7 54.3 81.5

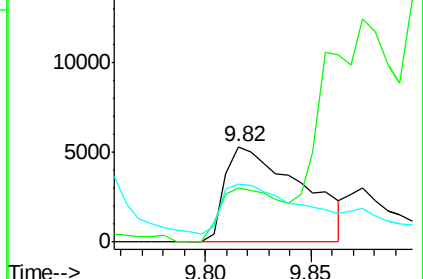
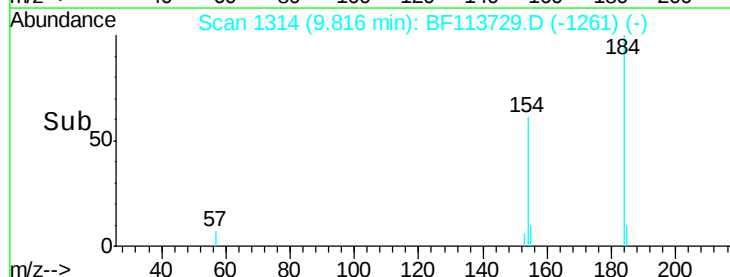
154 60.6 48.4 72.6

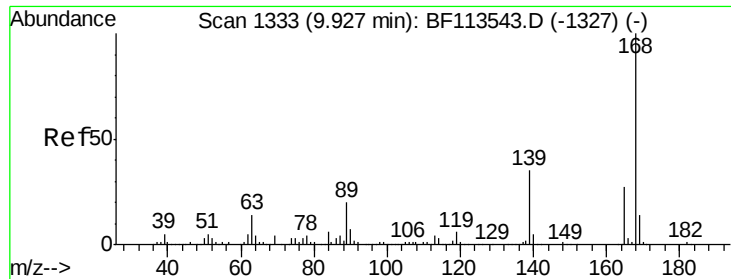


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

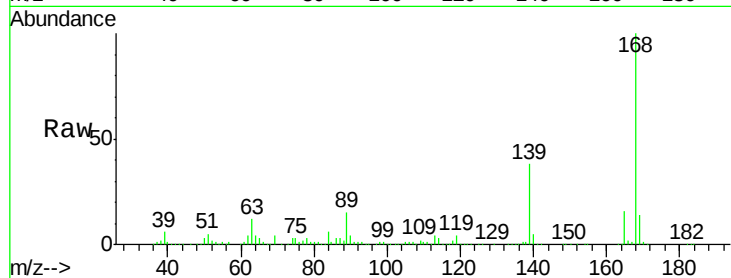




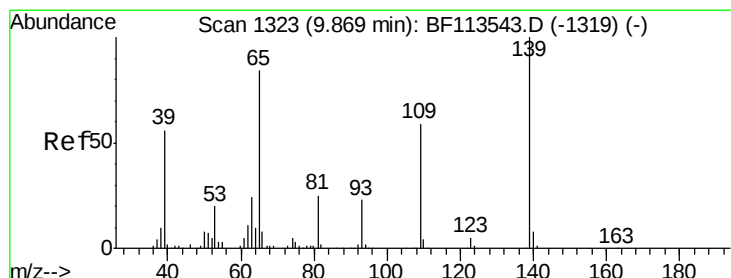
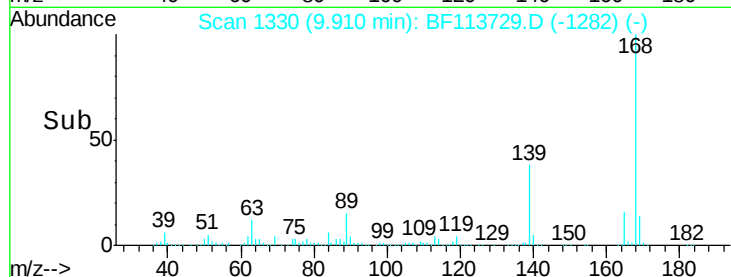
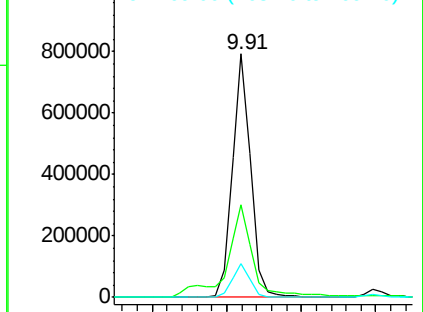
#55
Dibenzofuran
Concen: 39.519 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 686498
Ion Ratio Lower Upper
168 100
139 38.0 29.7 44.5
169 13.8 10.7 16.1

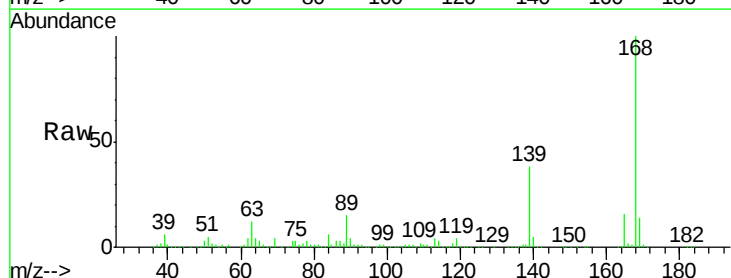


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

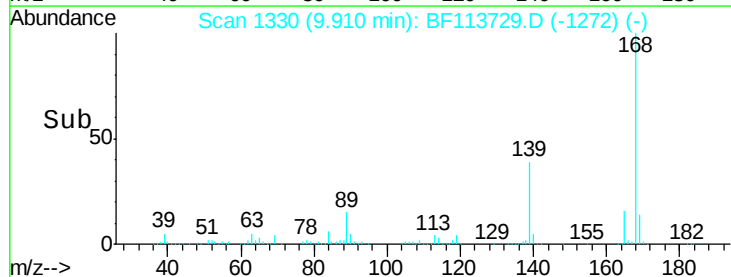
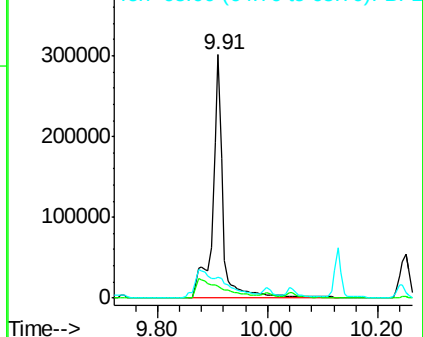


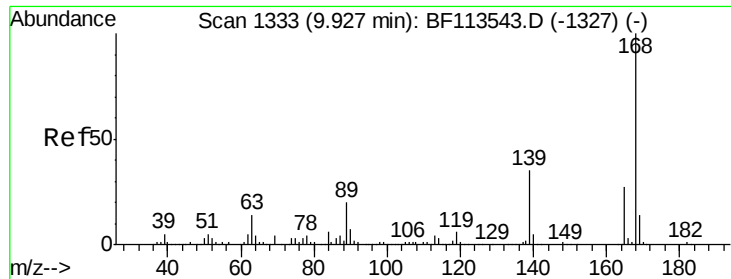
#56
4-Nitrophenol
Concen: 167.593 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.04 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:139 Resp: 391073
Ion Ratio Lower Upper
139 100
109 4.7 46.9 86.9#
65 8.8 77.2 117.2#



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

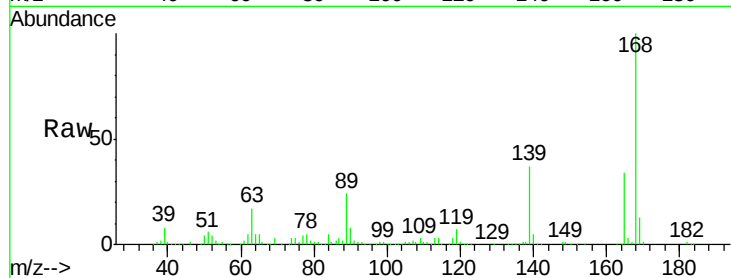




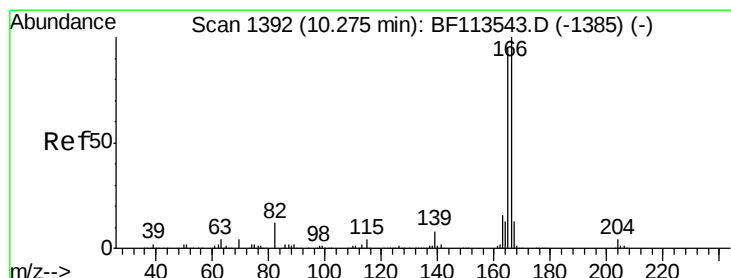
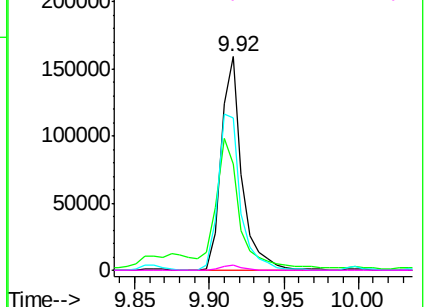
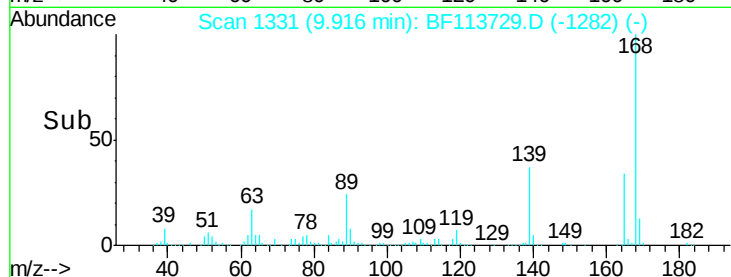
#57
 2,4-Dinitrotoluene
 Concen: 38.824 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.1	37.5	56.3
89	71.4	57.4	86.2
182	2.6	2.0	3.0

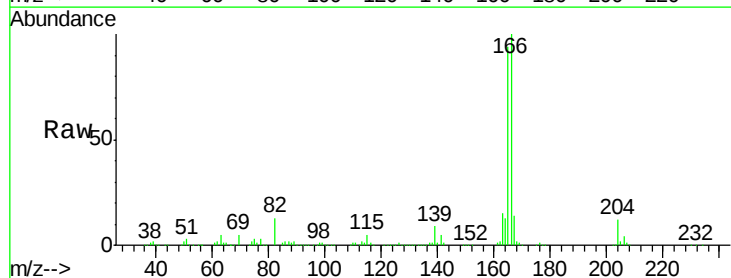


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

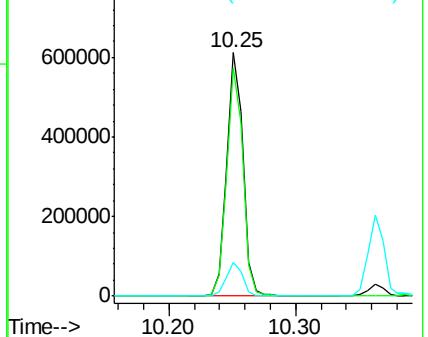
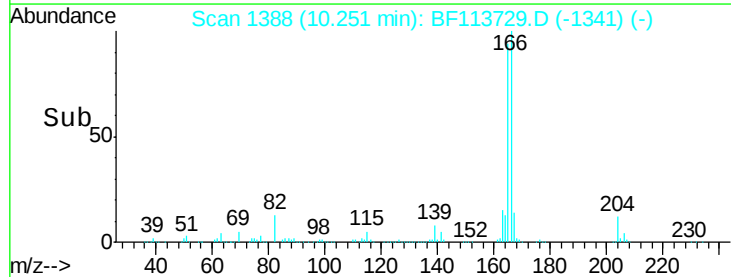


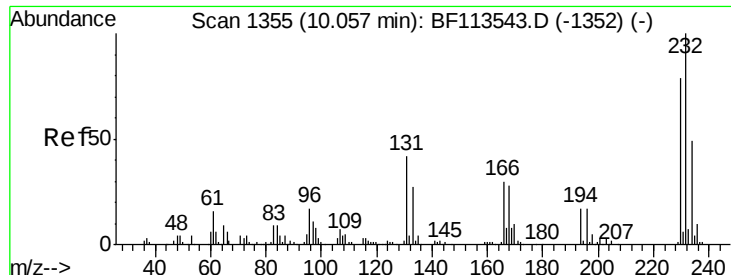
#58
 Fluorene
 Concen: 39.369 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	76.2	114.2
167	13.8	10.7	16.1



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: 35.895 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 138659

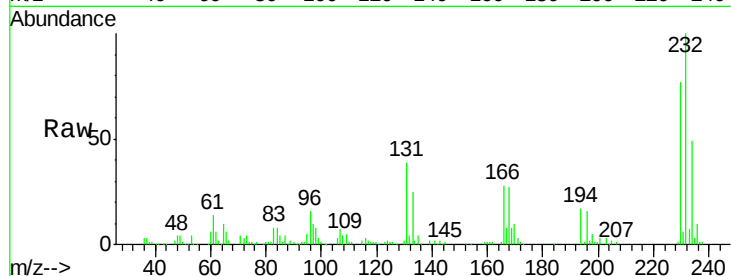
Ion Ratio Lower Upper

232 100

131 38.9 33.2 49.8

130 1.7 1.6 2.4

166 25.3 21.0 31.6

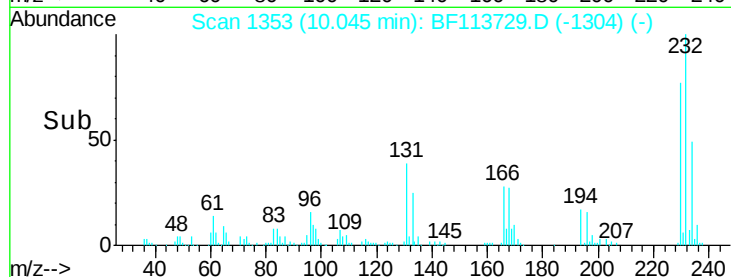


Abundance Ion 232.00 (231.70 to 232.70): E

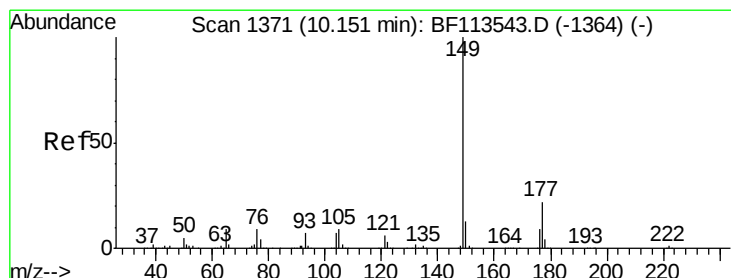
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 37.994 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

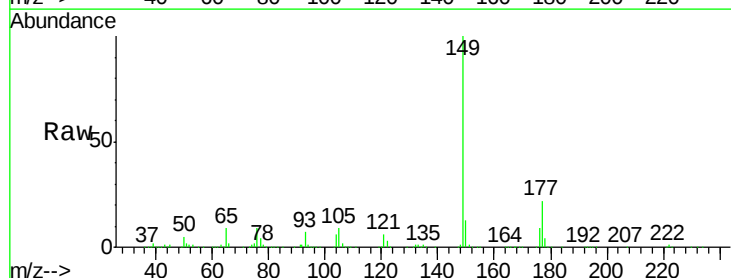
Tgt Ion:149 Resp: 549834

Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.0

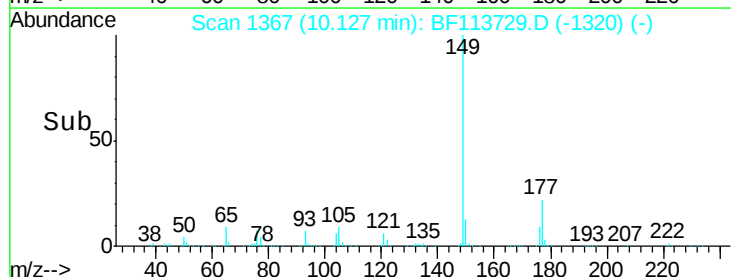
150 12.6 10.0 15.0



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



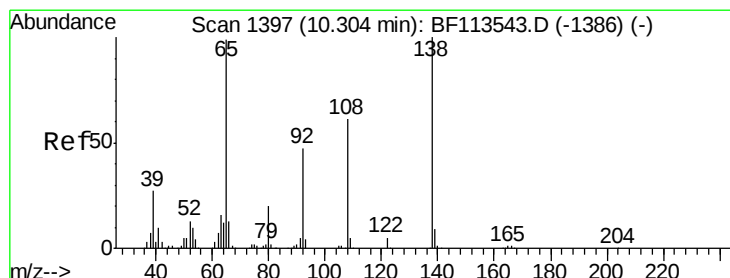
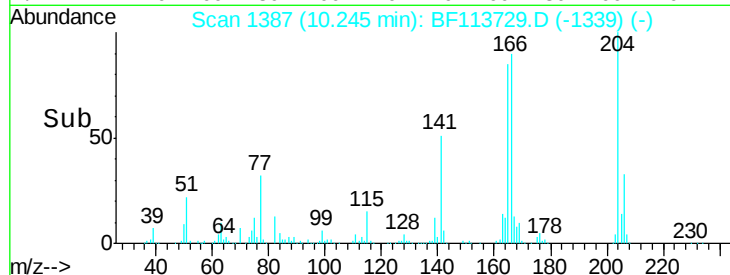
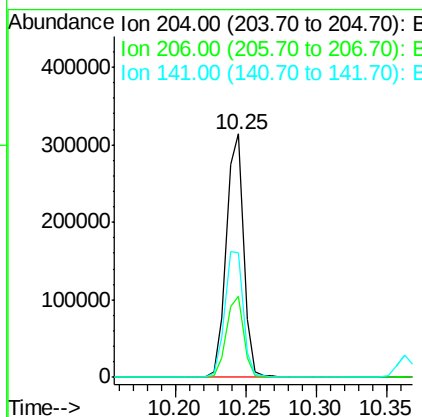
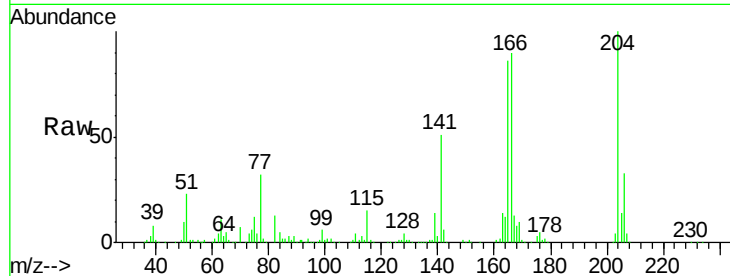
Time-->



#61
 4-Chlorophenyl-phenylether
 Concen: 39.836 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

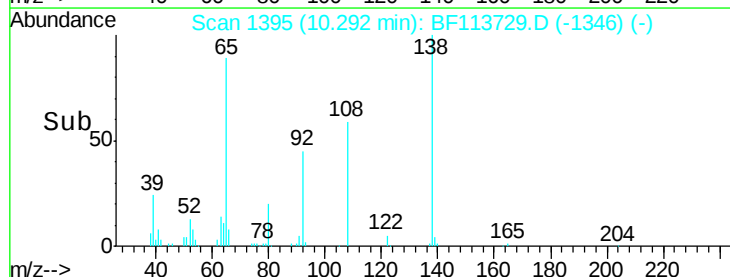
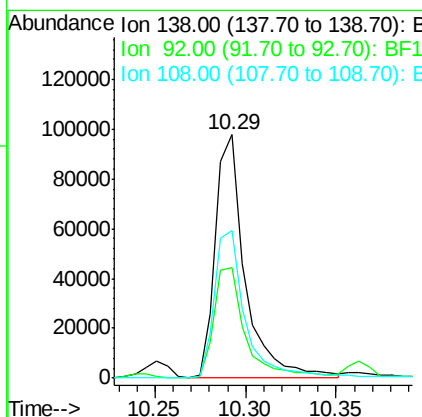
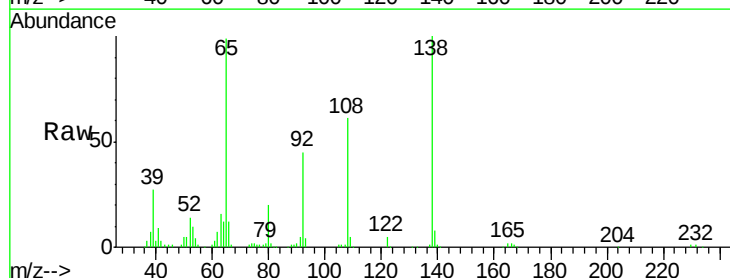
Instrument :
 BNA_F
 ClientSampled :

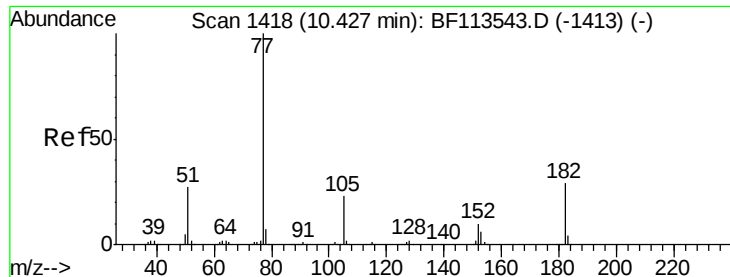
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	51.4	48.8	73.2



#62
 4-Nitroaniline
 Concen: 29.351 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	25.8	65.8
108	60.7	44.0	84.0





#63

Azobenzene

Concen: 36.953 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 506344

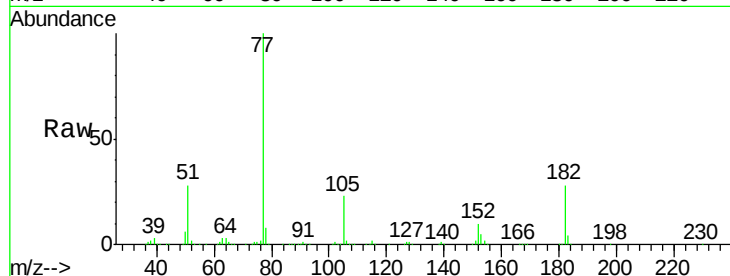
Ion Ratio Lower Upper

77 100

182 27.8 8.7 48.7

105 22.9 2.9 42.9

51 28.0 8.8 48.8

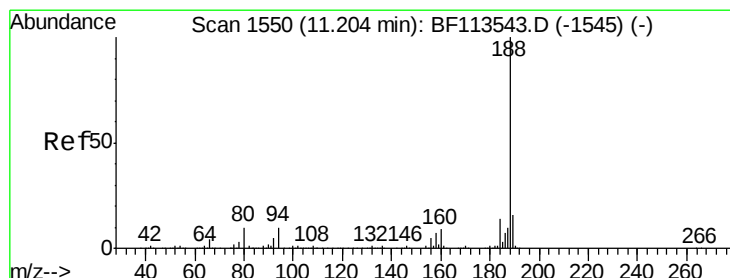
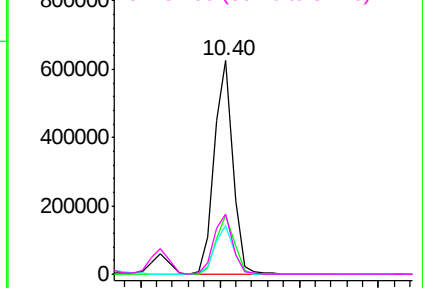
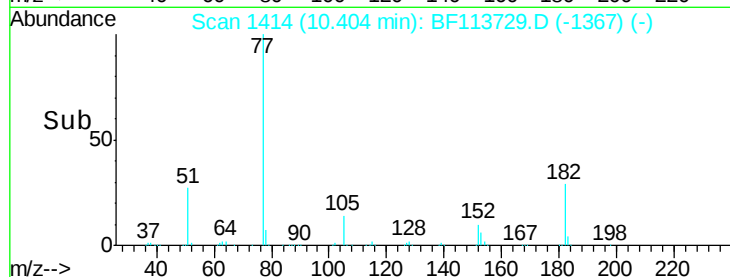


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

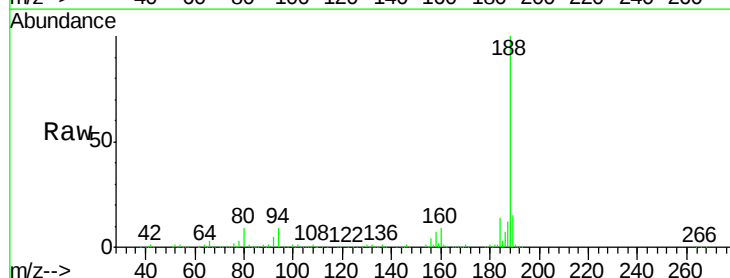
Tgt Ion: 188 Resp: 405979

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

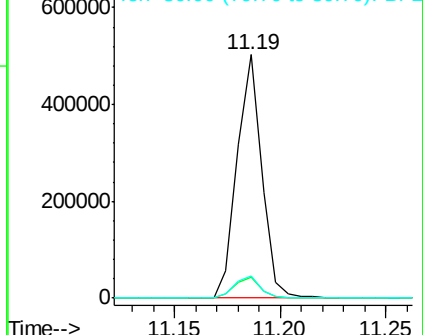
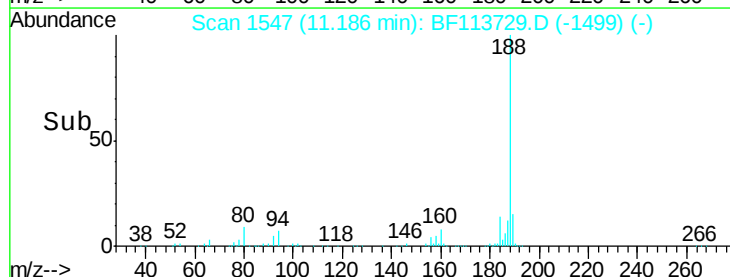
80 9.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

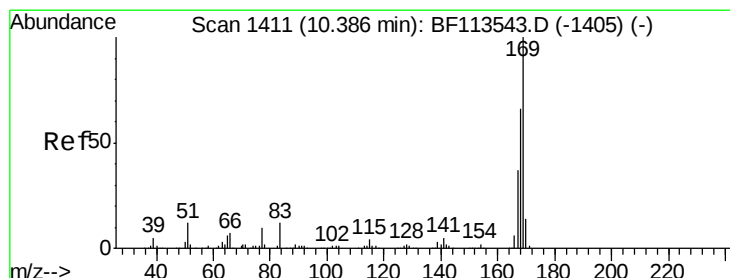
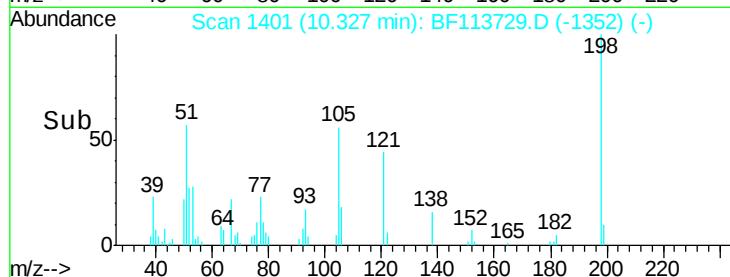
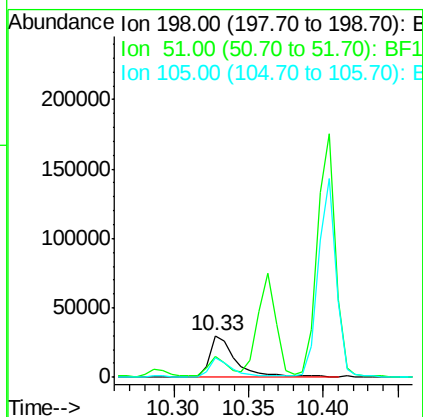
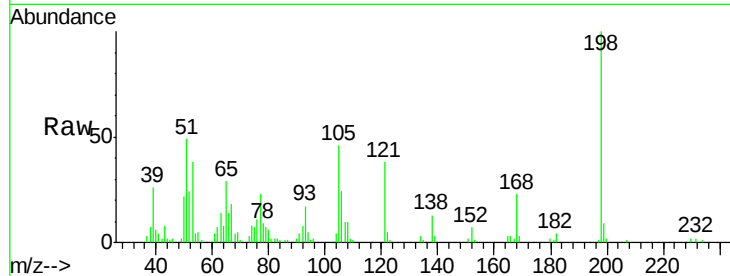




#65
 4,6-Dinitro-2-methylphenol
 Concen: 17.542 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

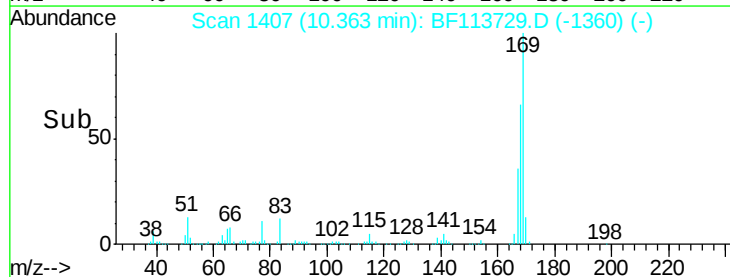
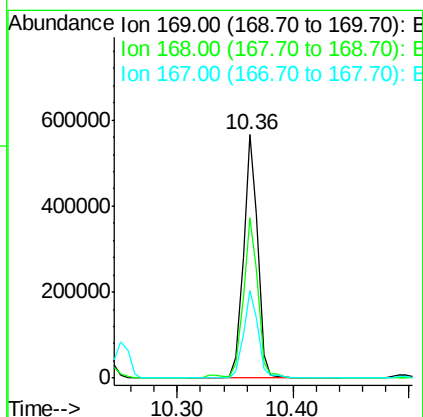
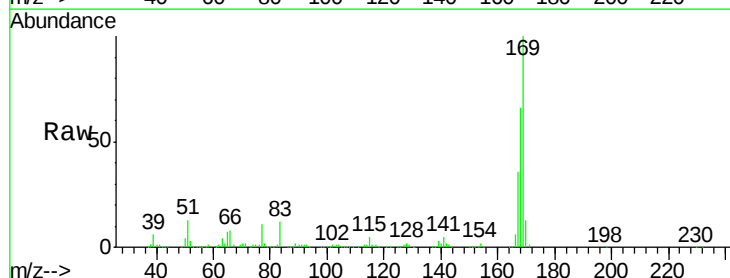
Instrument :
 BNA_F
 ClientSampleId :

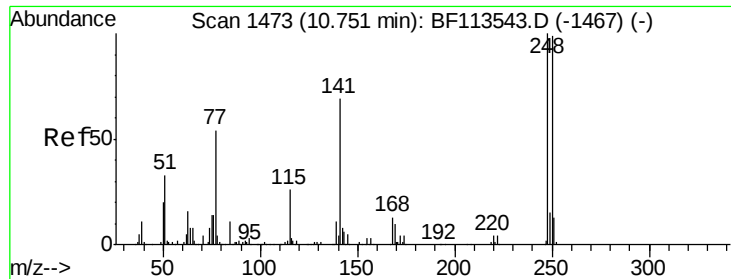
Tot Ion:198 Resp: 37493
 Ion Ratio Lower Upper
 198 100
 51 49.2 21.6 61.6
 105 46.3 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 38.490 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion:169 Resp: 479709
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.7 80.5
 167 36.2 29.5 44.3

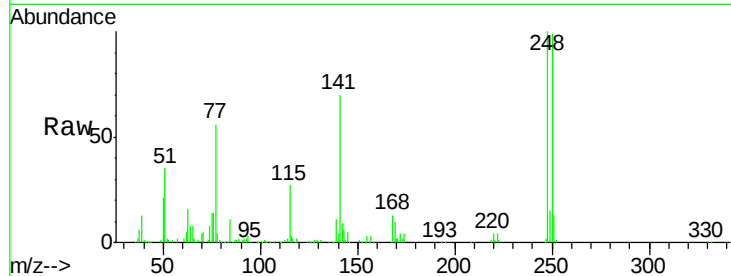




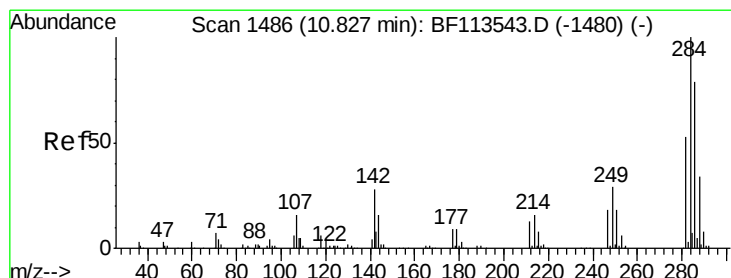
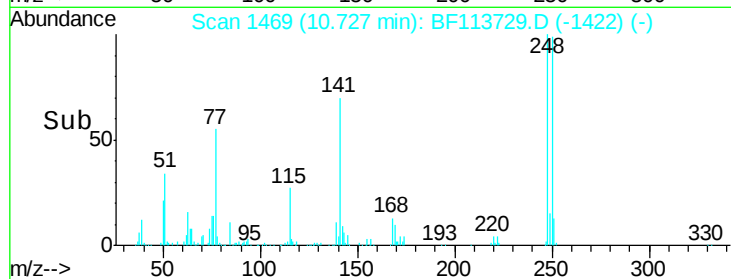
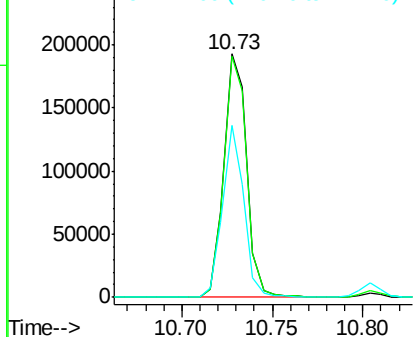
#67
4-Bromophenyl-phenylether
Concen: 37.256 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 169634
Ion Ratio Lower Upper
248 100
250 98.9 78.3 117.5
141 70.5 56.2 84.4

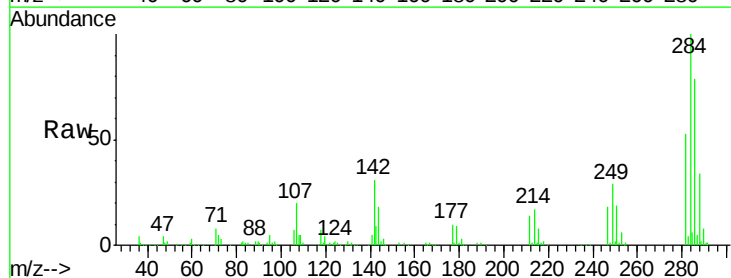


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

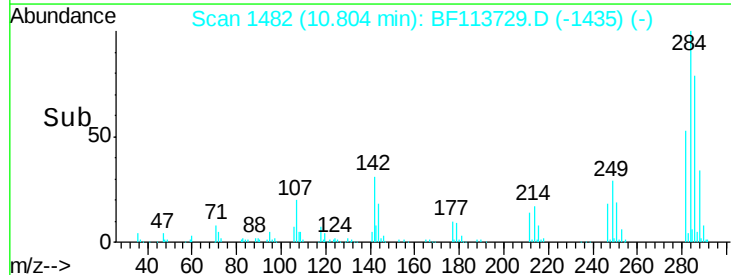
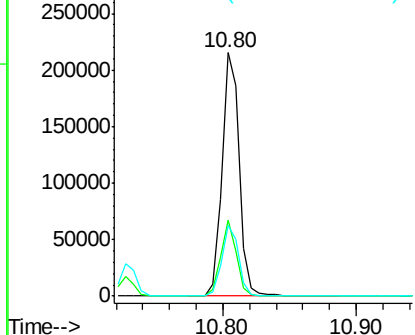


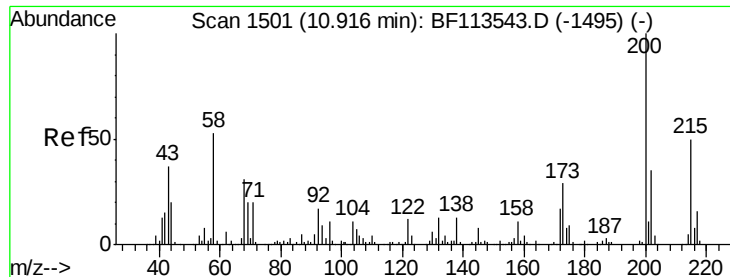
#68
Hexachlorobenzene
Concen: 37.688 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:284 Resp: 196627
Ion Ratio Lower Upper
284 100
142 31.0 20.1 30.1#
249 29.1 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.281 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

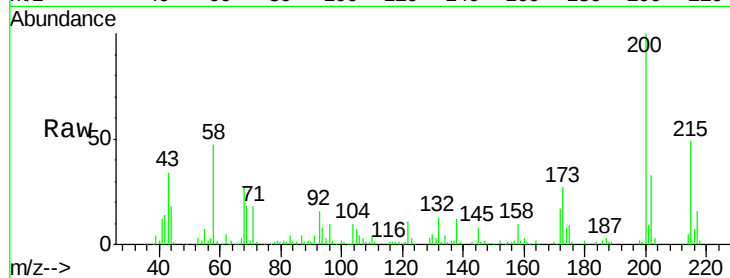
Tot Ion:200 Resp: 138598

Ion Ratio Lower Upper

200 100

173 27.3 6.0 46.0

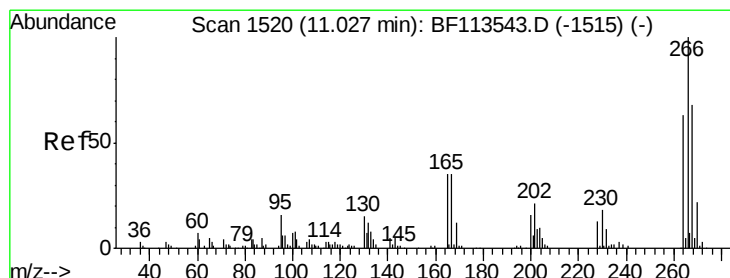
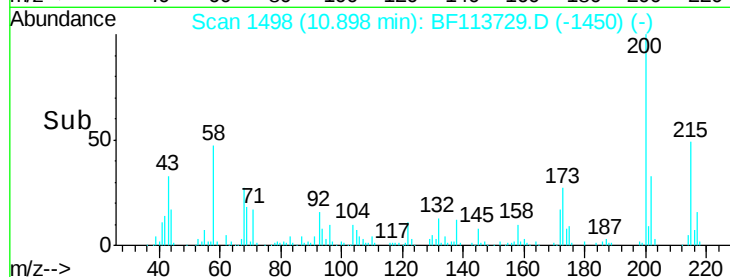
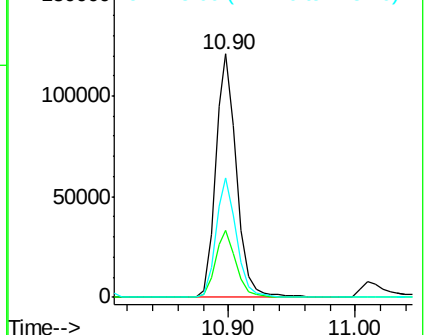
215 49.1 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.196 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

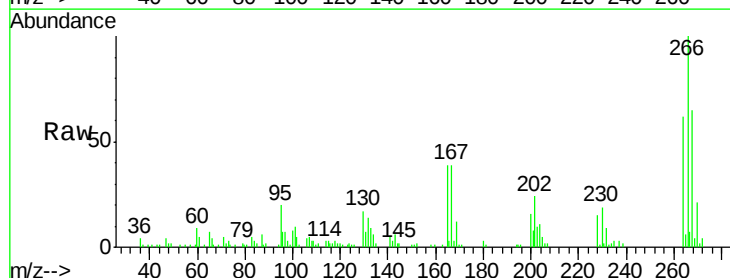
Tgt Ion:266 Resp: 81610

Ion Ratio Lower Upper

266 100

268 65.1 53.8 80.6

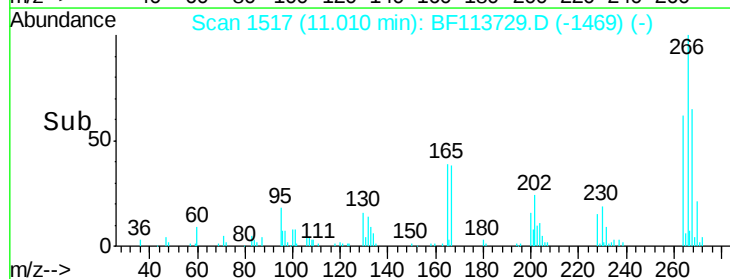
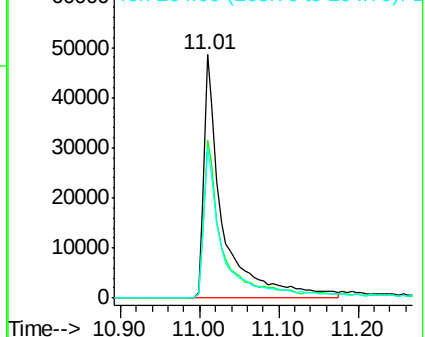
264 61.7 49.2 73.8

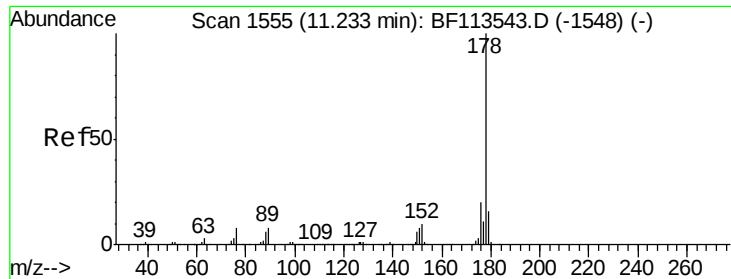


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.750 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

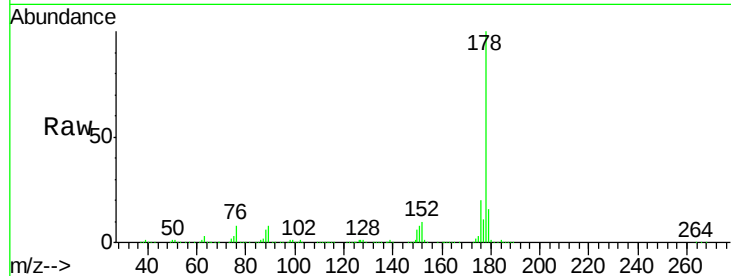
Tot Ion:178 Resp: 822060

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

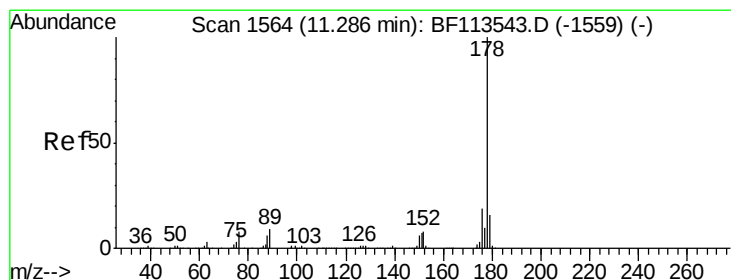
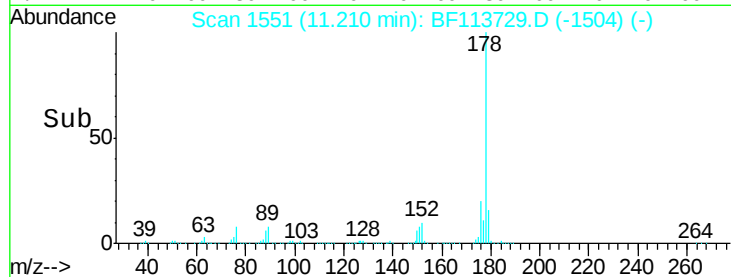
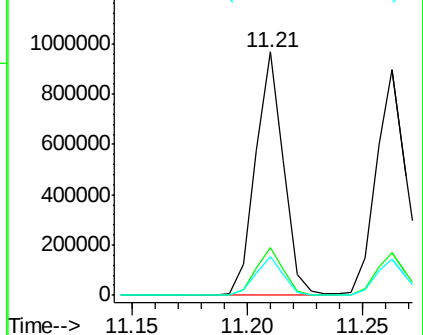
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.809 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

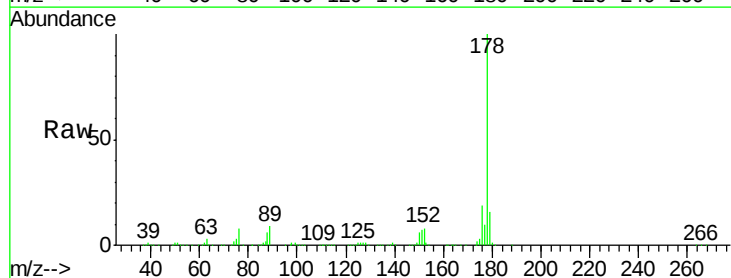
Tgt Ion:178 Resp: 837590

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

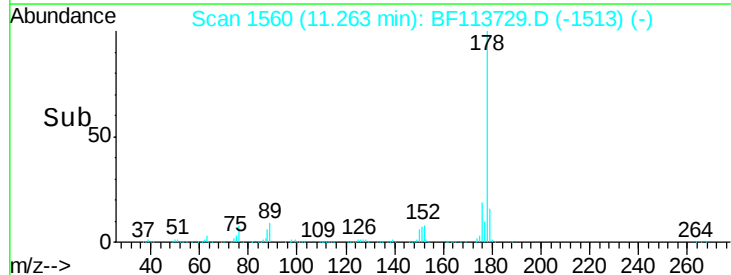
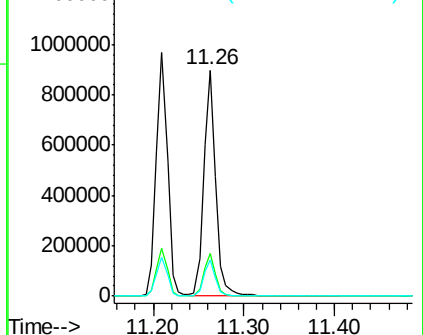
179 15.8 12.8 19.2

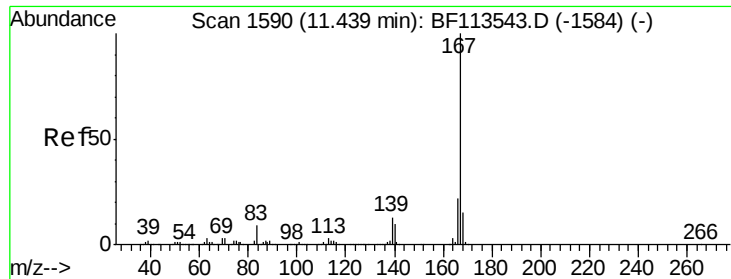


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

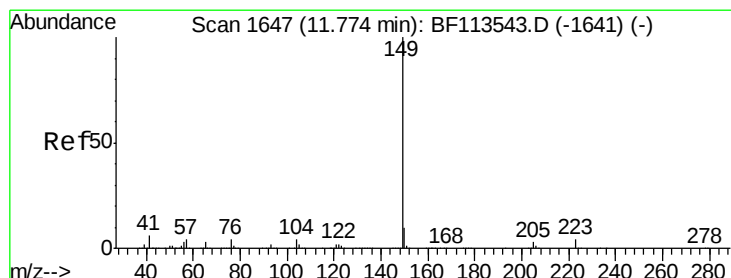
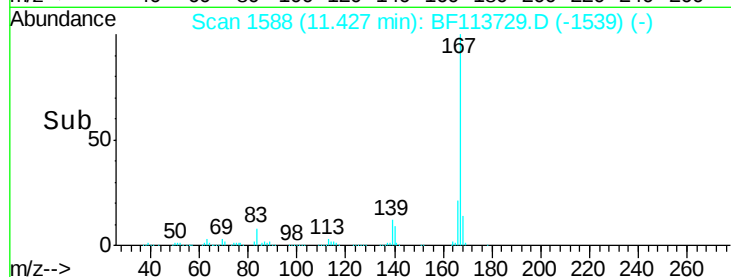
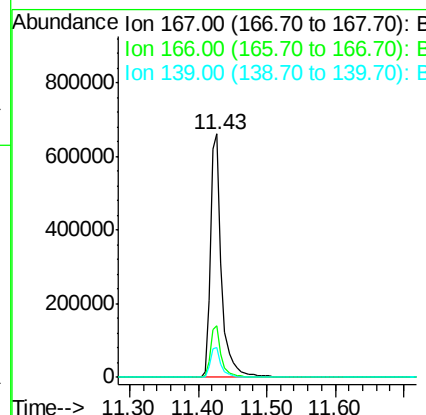
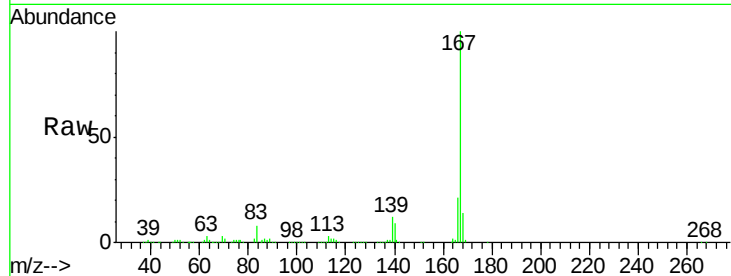




#73
 Carbazole
 Concen: 39.556 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

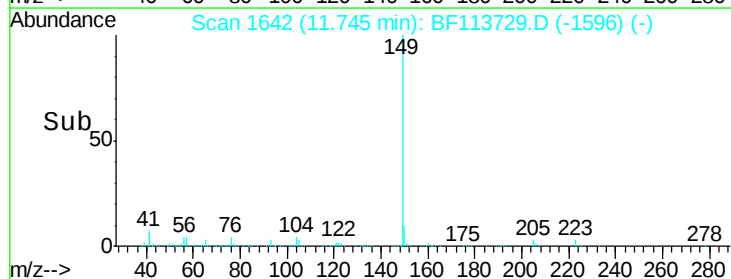
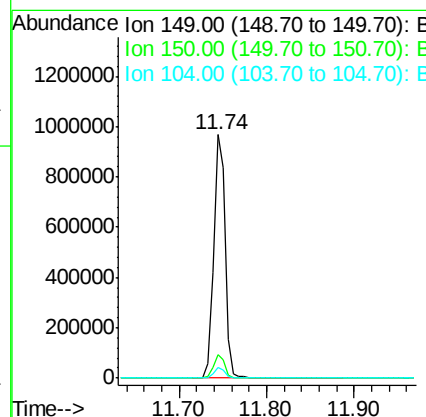
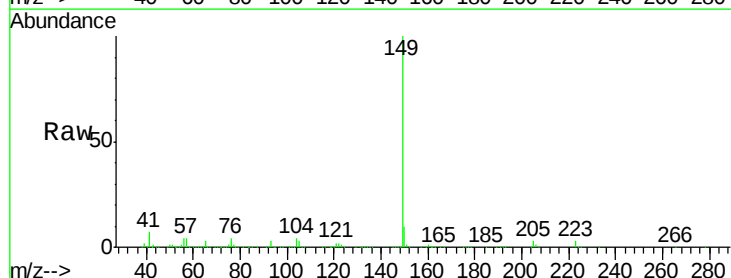
Instrument :
 BNA_F
 ClientSampleId :

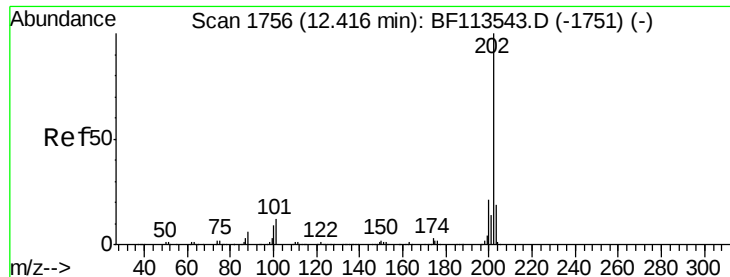
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.4	10.4	15.6



#74
 Di-n-butylphthalate
 Concen: 38.495 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113729.D
 Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 43.948 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

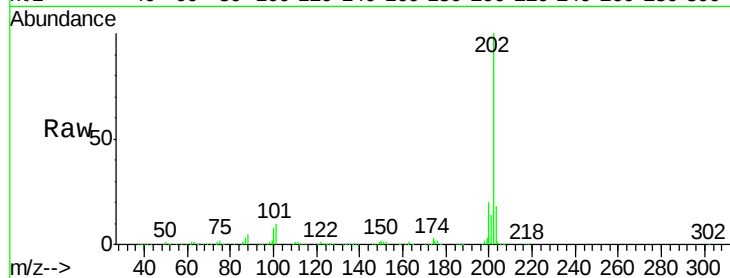
Tot Ion:202 Resp: 950043

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

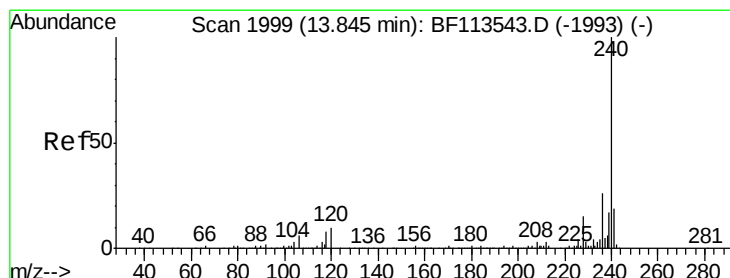
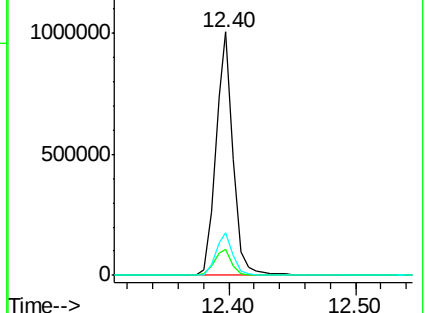
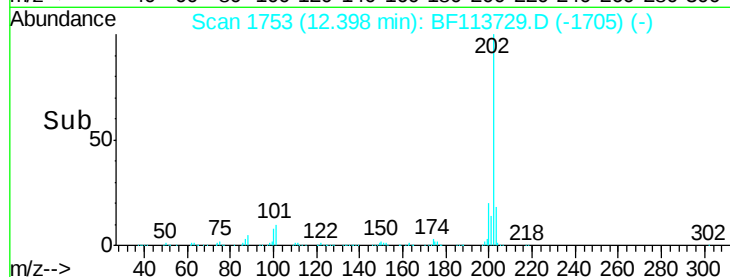
203 17.7 0.0 38.0



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

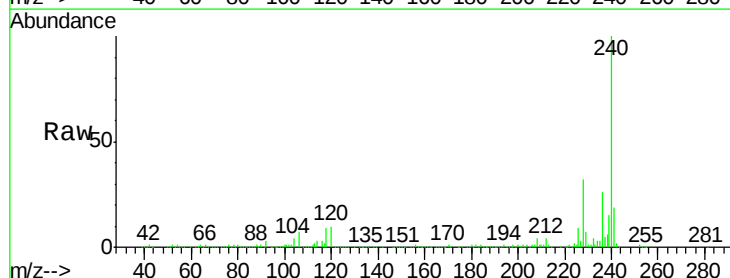
Tgt Ion:240 Resp: 303850

Ion Ratio Lower Upper

240 100

120 9.9 8.8 13.2

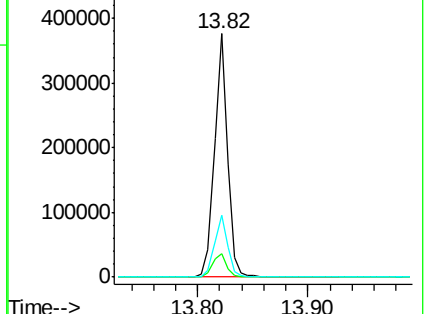
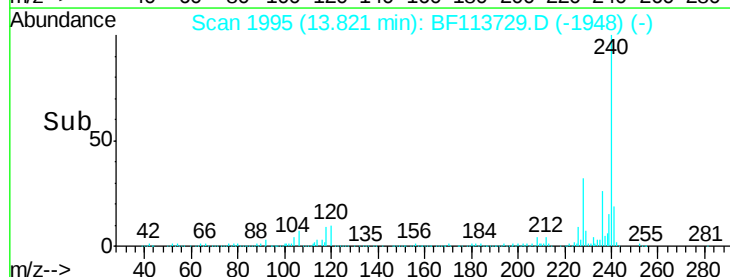
236 25.6 20.9 31.3

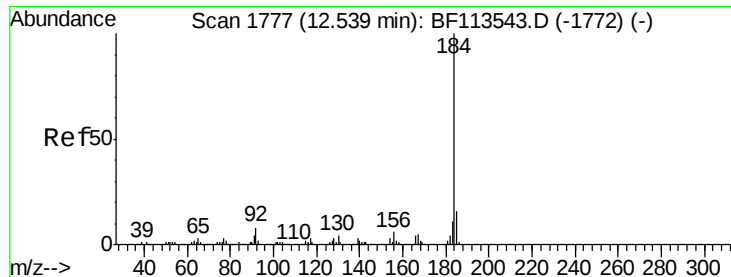


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.012 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

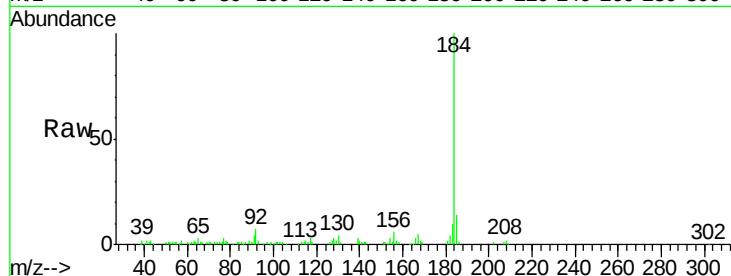
Tot Ion:184 Resp: 147027

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

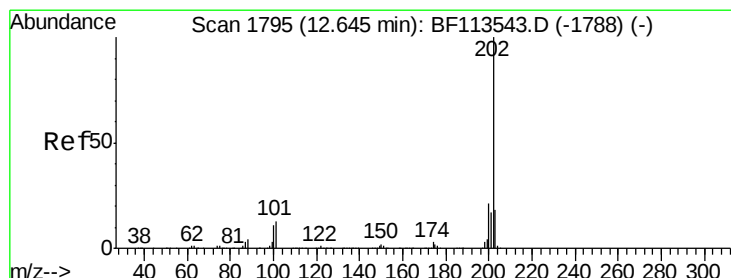
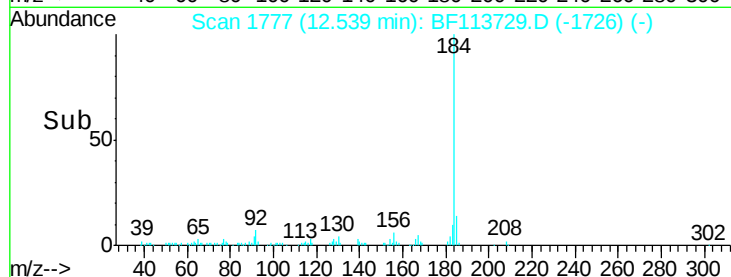
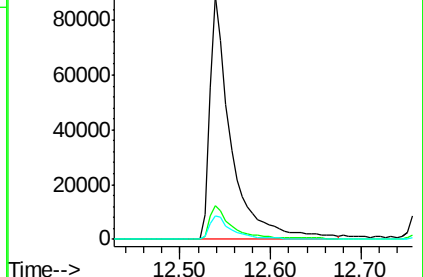
183 9.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.598 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

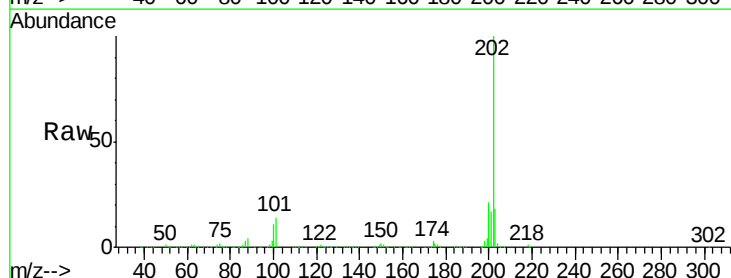
Tgt Ion:202 Resp: 938599

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

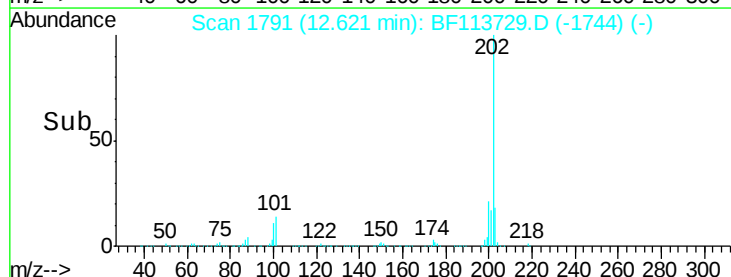
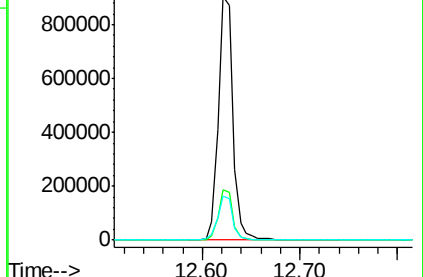
203 18.0 14.4 21.6



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: 78.547 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

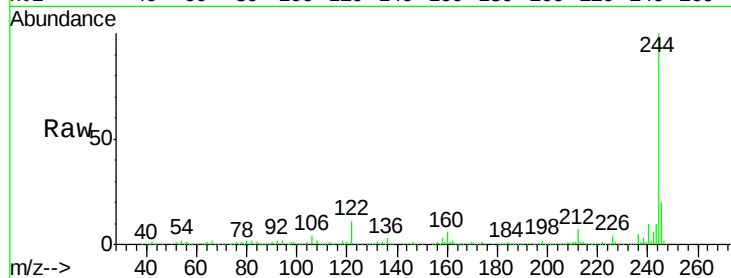
Tot Ion:244 Resp: 1172223

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

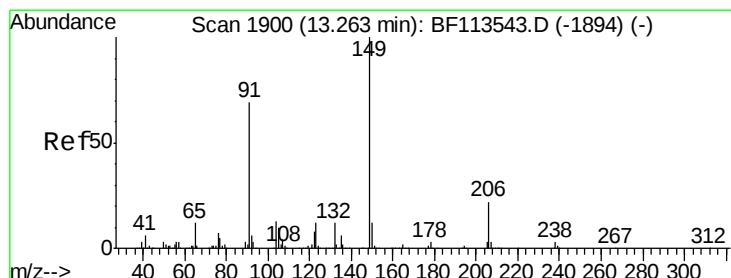
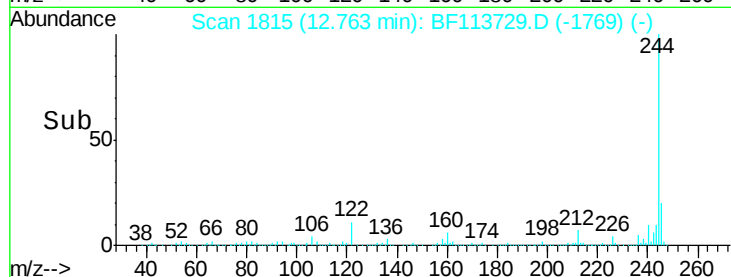
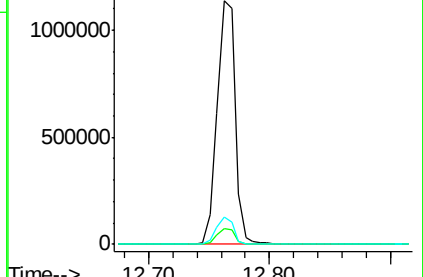
122 11.5 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.806 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

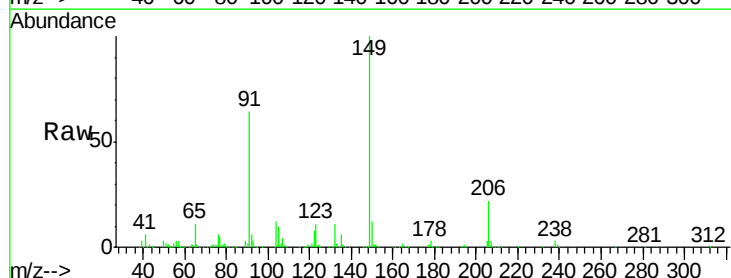
Tgt Ion:149 Resp: 355797

Ion Ratio Lower Upper

149 100

91 63.5 55.2 82.8

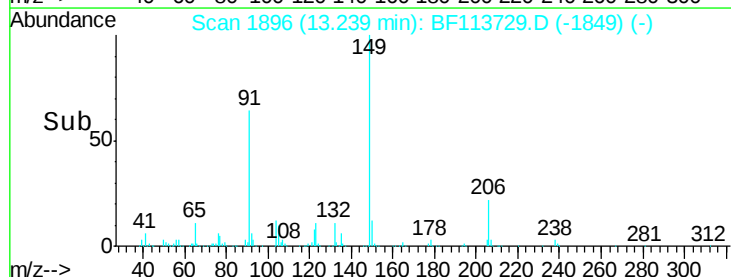
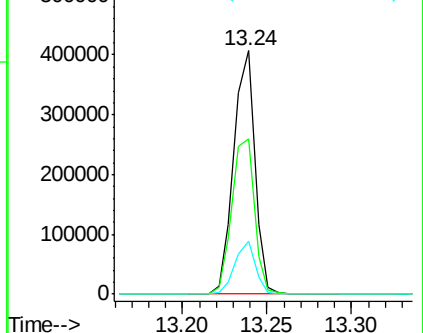
206 21.8 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.092 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

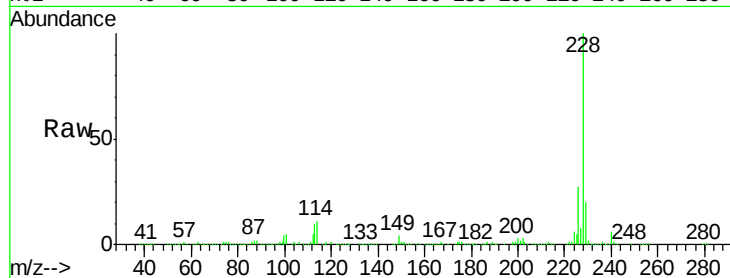
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 685187

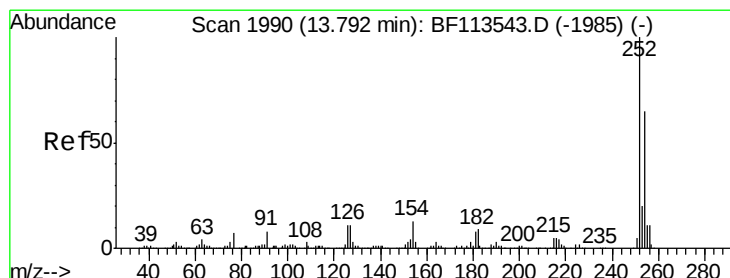
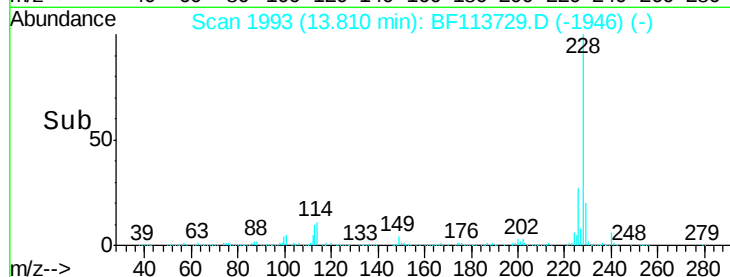
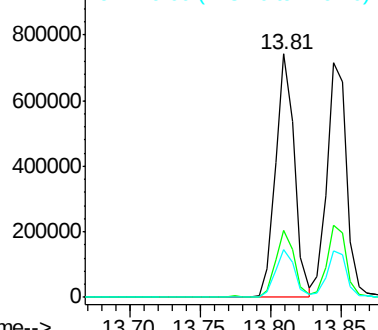
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.9	16.2	24.4



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: 34.045 ng

RT: 13.77 min Scan# 1987

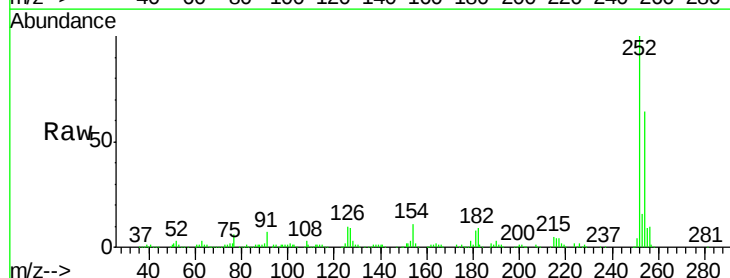
Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Tgt Ion:252 Resp: 229840

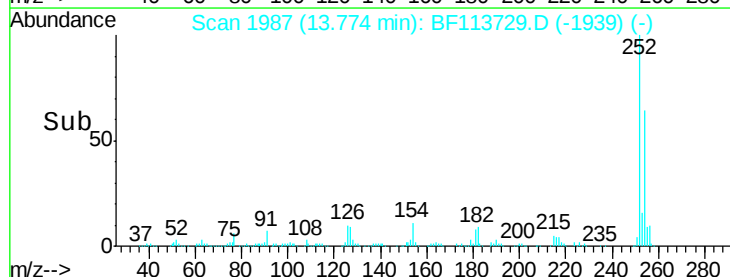
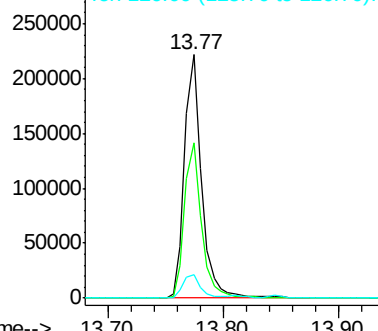
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.2	78.2
126	9.5	8.5	12.7

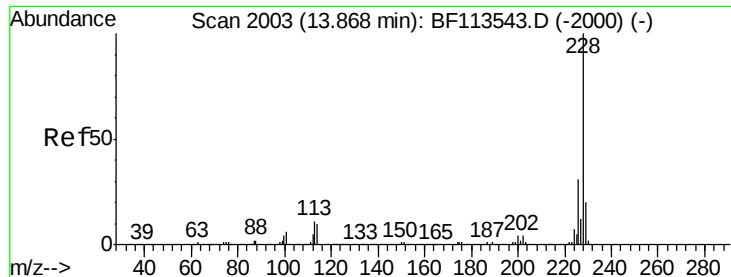


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.981 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampled :

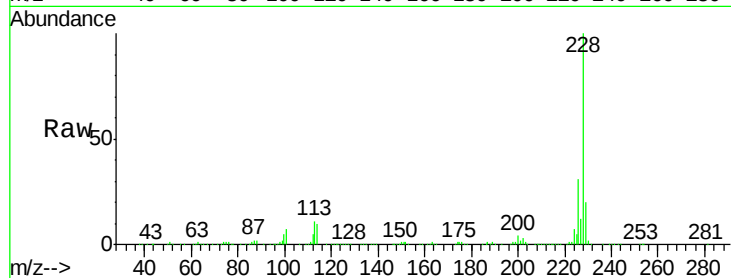
Tot Ion:228 Resp: 692619

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

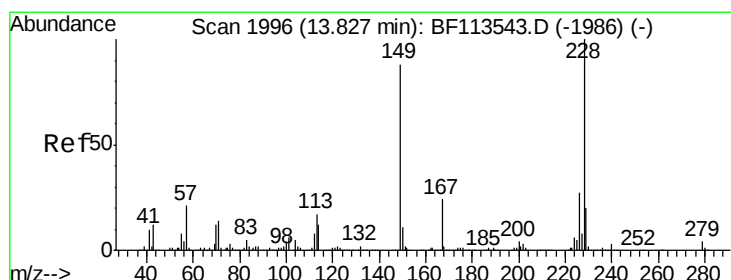
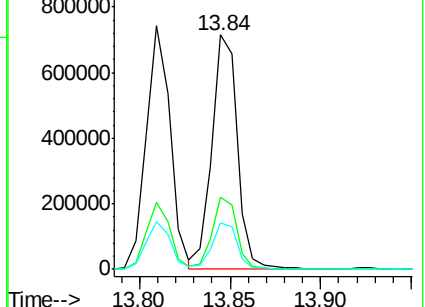
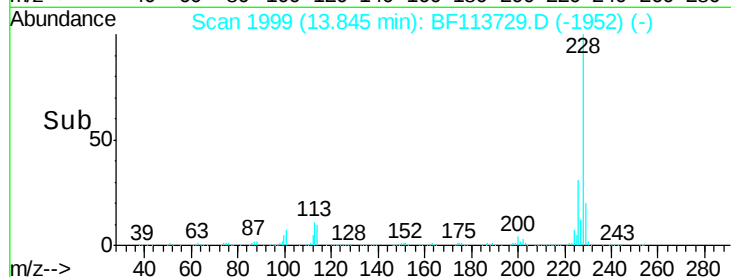
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.177 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

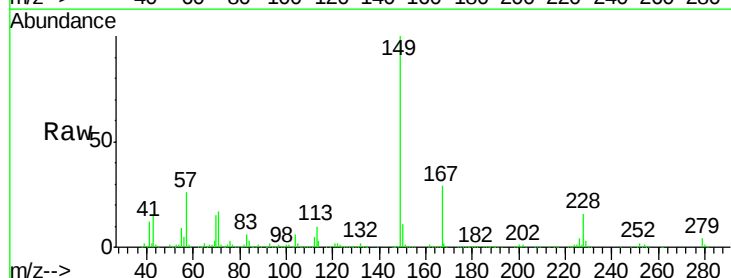
Tgt Ion:149 Resp: 468534

Ion Ratio Lower Upper

149 100

167 28.6 21.8 32.8

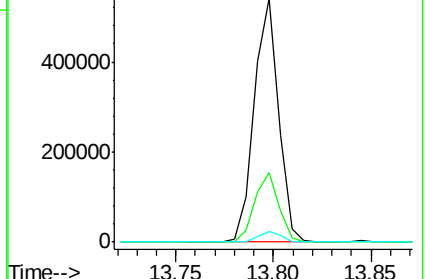
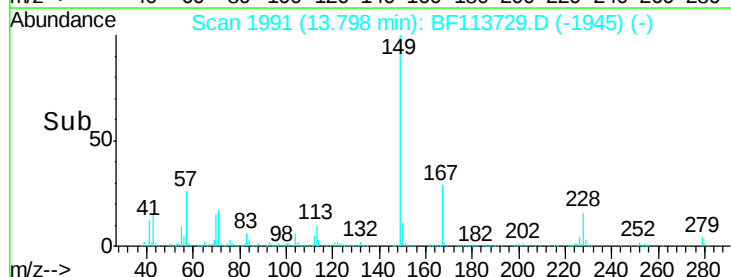
279 4.5 2.9 4.3#

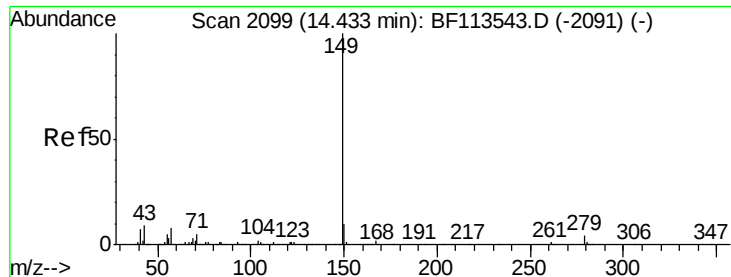


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

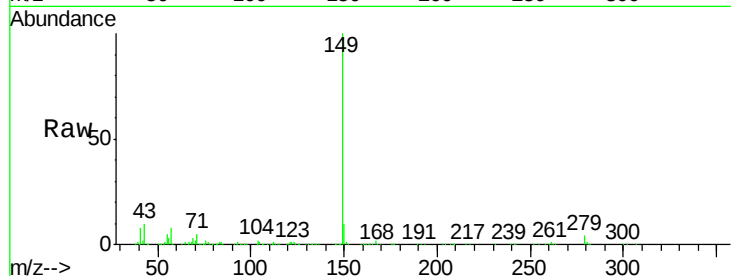




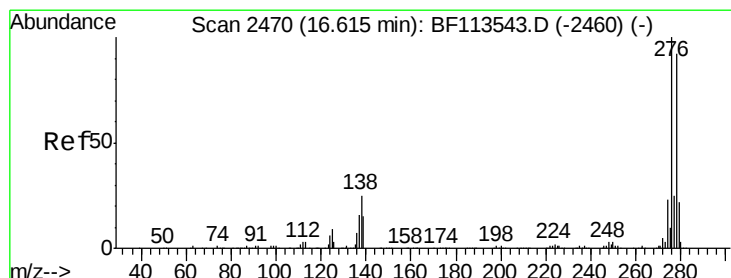
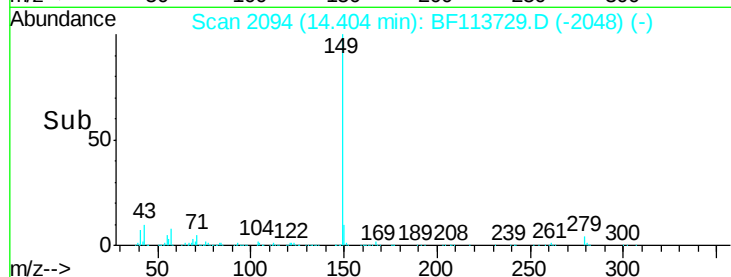
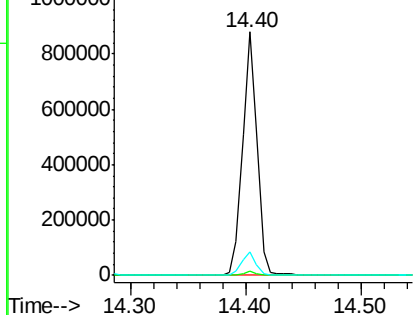
#85
Di-n-octyl phthalate
Concen: 41.262 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

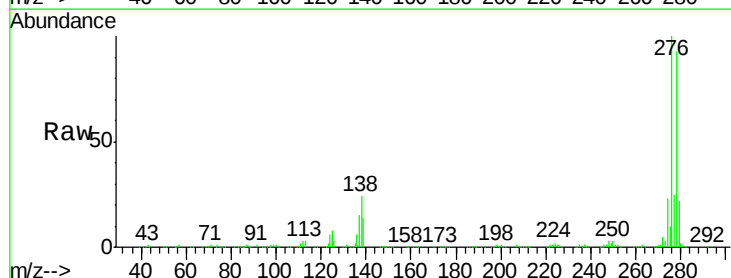


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

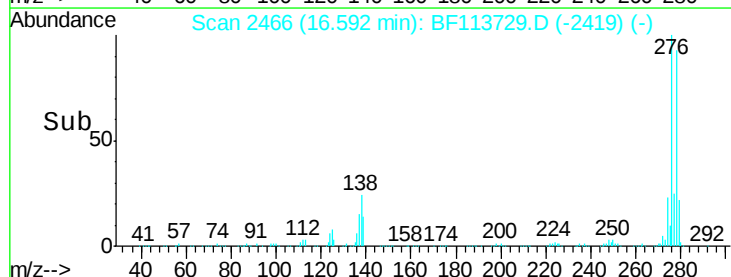
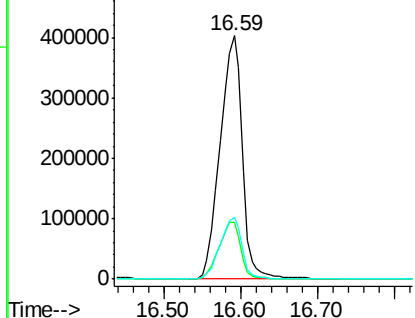


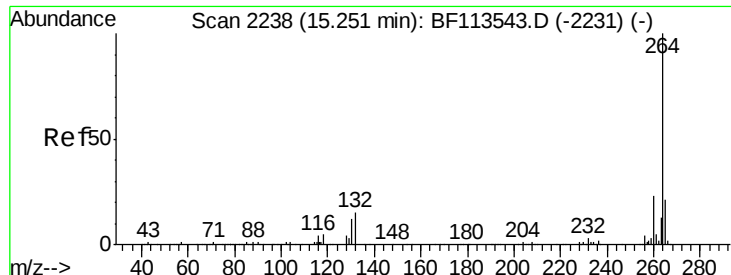
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.964 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.1	27.1
277	25.3	20.2	30.4



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

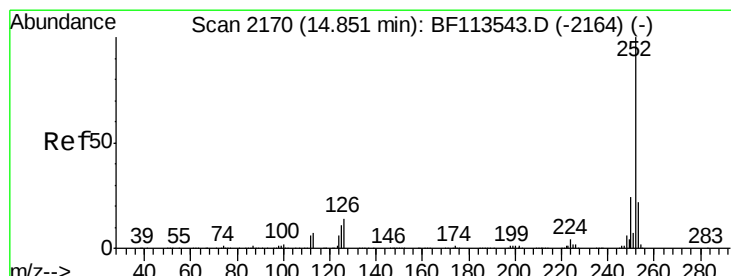
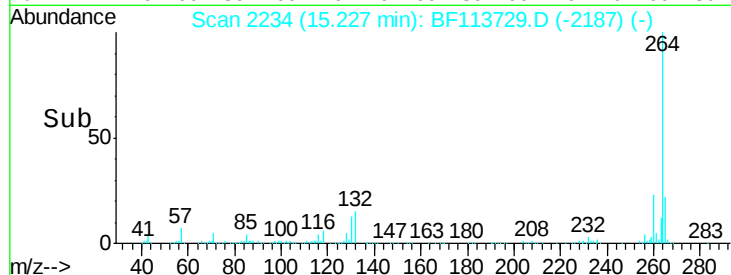
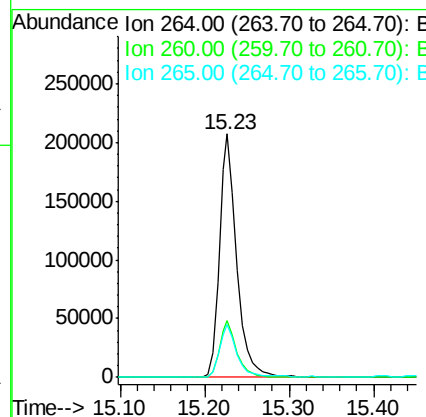
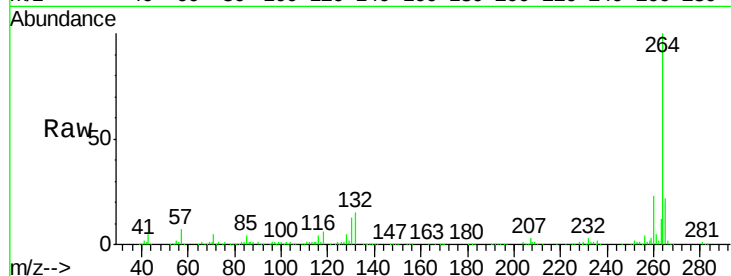




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

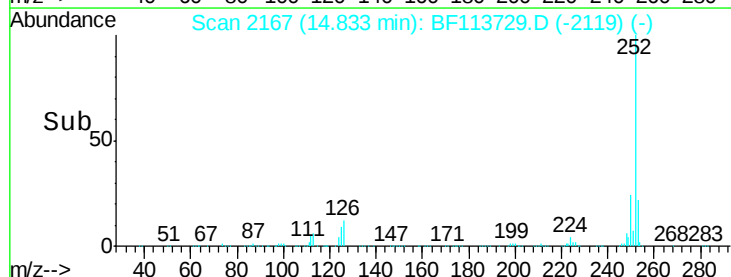
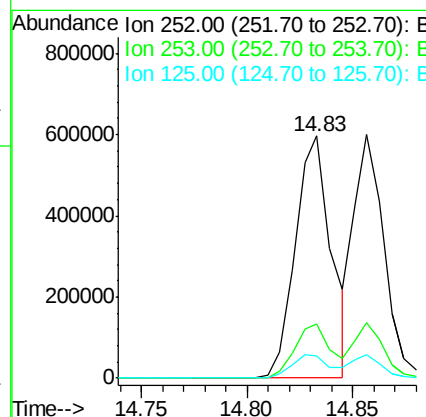
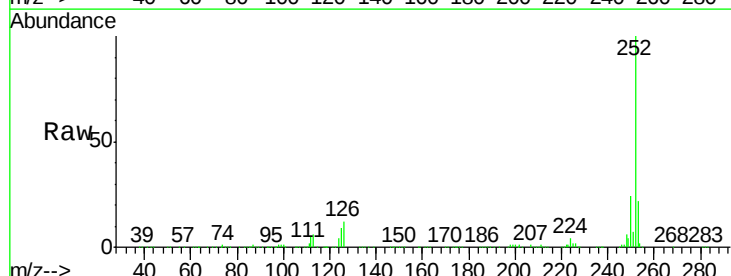
Instrument :
BNA_F
ClientSampleId :

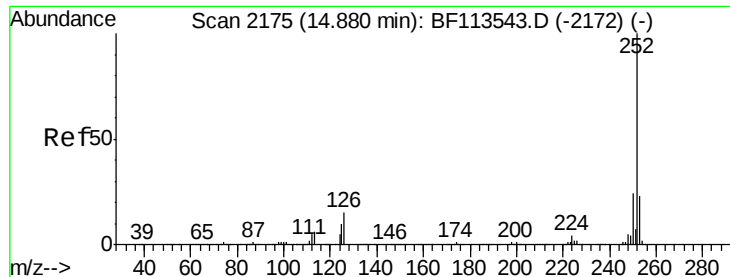
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.9	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 38.764 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.0	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 36.612 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

Instrument :

BNA_F

ClientSampleId :

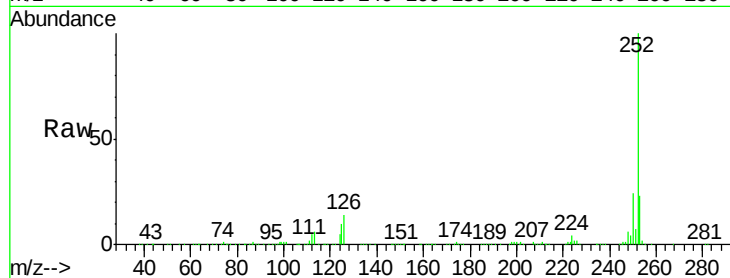
Tot Ion:252 Resp: 599664

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

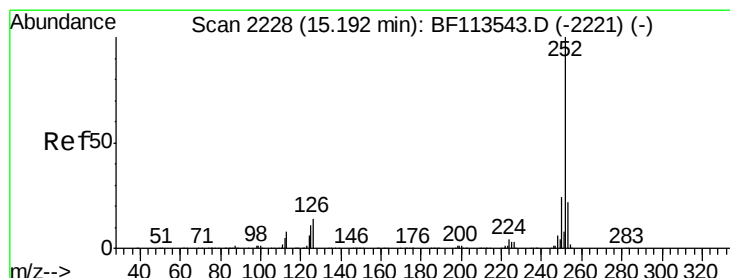
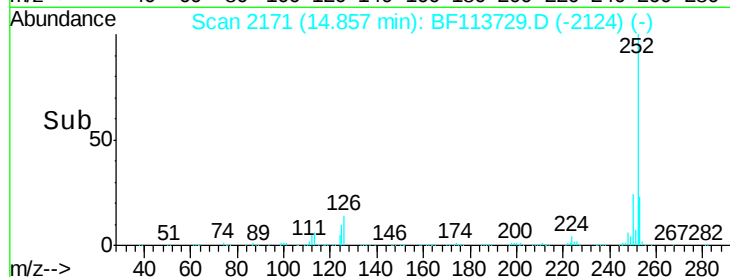
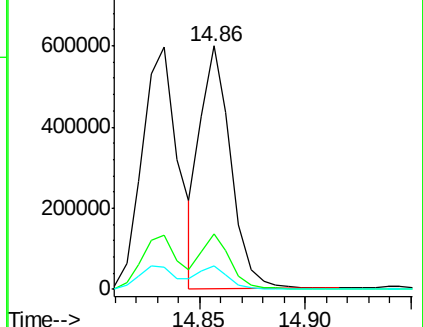
125 9.8 7.3 10.9



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: 40.805 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BF113729.D

Acq: 11 Apr 2019 19:29

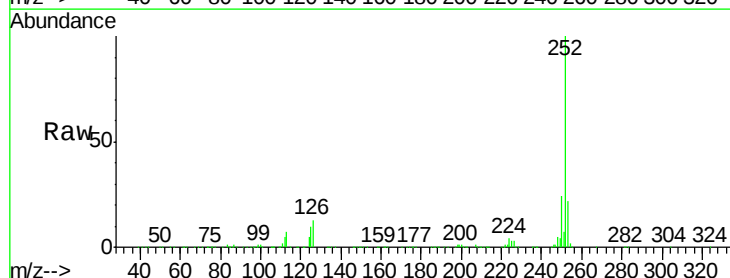
Tgt Ion:252 Resp: 661724

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

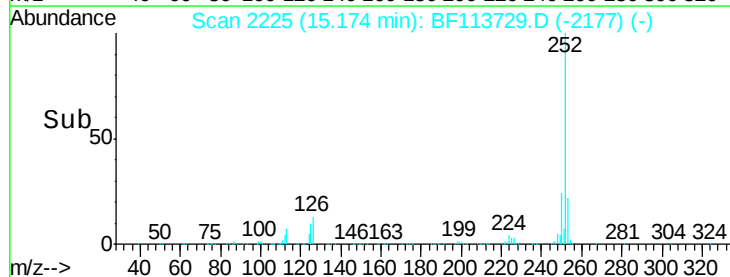
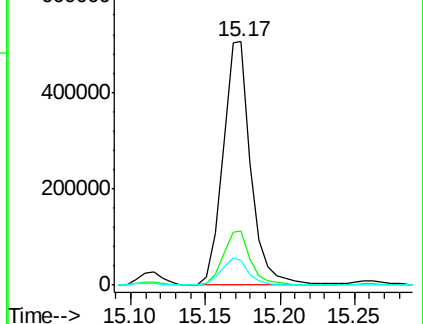
125 10.0 8.8 13.2

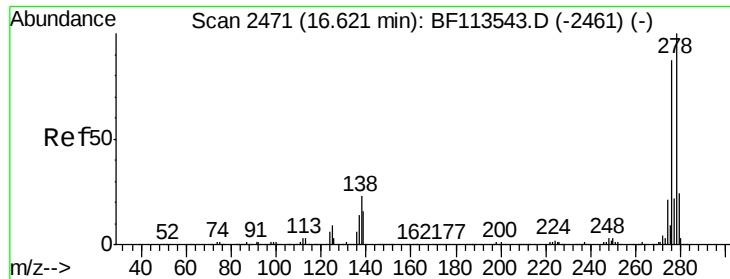


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

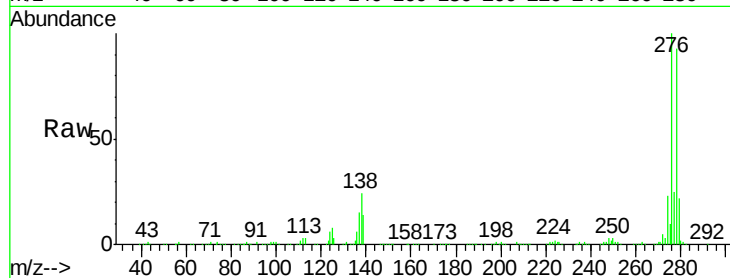




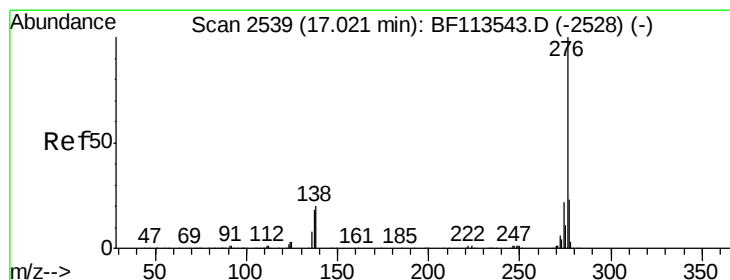
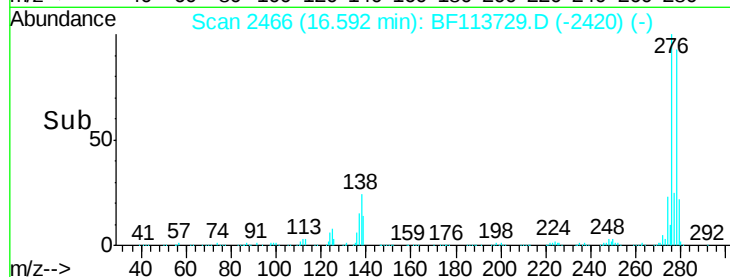
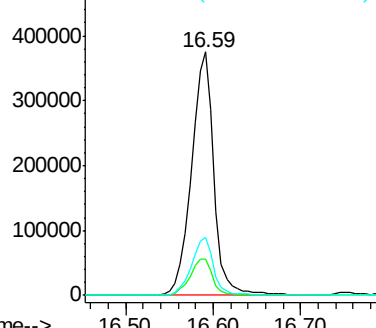
#91
Dibenzo(a,h)anthracene
Concen: 43.353 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 657459
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 23.9 19.0 28.6

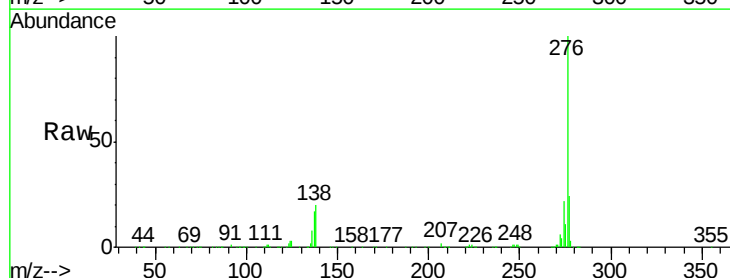


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.781 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF113729.D
Acq: 11 Apr 2019 19:29

Tgt Ion:276 Resp: 708635
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.5 15.6 23.4



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

