

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111319.D
 Acq On : 12 Dec 2018 12:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 12:59:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	330279	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1350490	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	624720	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1041986	20.00	ng	0.00
76) Chrysene-d12	13.96	240	581117	20.00	ng	0.00
87) Perylene-d12	15.39	264	532215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2859169	136.70	ng	0.00
7) Phenol-d6	6.45	99	3740666	143.91	ng	0.01
23) Nitrobenzene-d5	7.37	82	3578684	148.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	757714	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5074068	128.12	ng	0.00
79) Terphenyl-d14	12.91	244	3847065	158.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	742913	69.226	ng	98
3) Pyridine	3.26	79	2001145	70.189	ng	98
4) n-Nitrosodimethylamine	3.22	42	914352	75.219	ng	90
6) Aniline	6.47	93	2505826	72.303	ng	99
8) 2-Chlorophenol	6.59	128	1699191	71.470	ng	96
9) Benzaldehyde	6.35	77	851196	52.766	ng	98
10) Phenol	6.46	94	2157900	70.998	ng	80
11) bis(2-Chloroethyl)ether	6.54	93	1741041	74.067	ng	96
12) 1,3-Dichlorobenzene	6.74	146	1871364	73.256	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1887224	73.165	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1668085	69.336	ng	99
15) Benzyl Alcohol	6.95	79	1428142	69.428	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3286638	74.681	ng	99
17) 2-Methylphenol	7.06	107	1428323	73.586	ng	# 94
18) Hexachloroethane	7.32	117	723925	73.715	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	1277528	73.368	ng	96
20) 3+4-Methylphenols	7.22	107	1557202	67.448	ng	90
22) Acetophenone	7.22	105	2240294	72.500	ng	# 99
24) Nitrobenzene	7.39	77	1856453	74.081	ng	98
25) Isophorone	7.63	82	3129154	76.303	ng	100
26) 2-Nitrophenol	7.70	139	954929	76.696	ng	96
27) 2,4-Dimethylphenol	7.75	122	1380518	71.754	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2050892	72.219	ng	100
29) 2,4-Dichlorophenol	7.95	162	1422085	72.287	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1432204	73.908	ng	99
31) Naphthalene	8.10	128	4272319	72.485	ng	99
32) Benzoic acid	7.91	122	1214129	76.312	ng	92
33) 4-Chloroaniline	8.15	127	2069509	73.104	ng	99
34) Hexachlorobutadiene	8.23	225	789502	73.807	ng	98
35) Caprolactam	8.56	113	412687	59.199	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	1502681	74.603	ng	98
37) 2-Methylnaphthalene	8.80	142	2812776	71.879	ng	98
38) 1-Methylnaphthalene	8.90	142	2680767	69.954	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1190864	68.507	ng	99

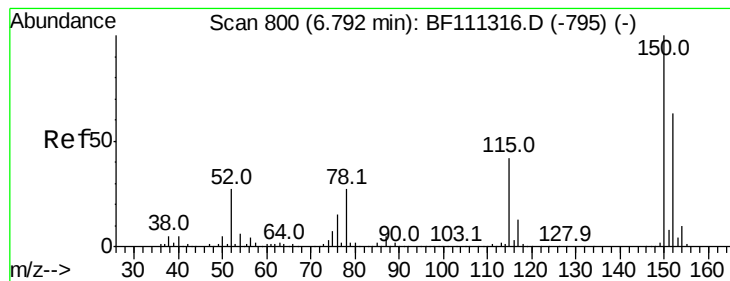
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111319.D
 Acq On : 12 Dec 2018 12:32
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 12:59:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	681888	68.880	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	907347	69.538	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	971145	71.447	nq	96
46) 1,1'-Biphenyl	9.26	154	3513380	66.903	nq	99
47) 2-Chloronaphthalene	9.29	162	2802983	68.572	nq	99
48) 2-Nitroaniline	9.38	65	1002655	71.905	nq	96
49) Acenaphthylene	9.70	152	3939813	66.392	nq	99
50) Dimethylphthalate	9.57	163	3145219	68.233	nq	99
51) 2,6-Dinitrotoluene	9.63	165	739876	72.681	nq	94
52) Acenaphthene	9.87	154	2593857	69.653	nq	99
53) 3-Nitroaniline	9.80	138	894039	71.153	nq	93
54) 2,4-Dinitrophenol	9.90	184	347707	86.436	nq	86
55) Dibenzofuran	10.05	168	3565506	70.377	nq	98
56) 4-Nitrophenol	9.96	139	676882	69.169	nq	97
57) 2,4-Dinitrotoluene	10.03	165	965175	76.910	nq	91
58) Fluorene	10.39	166	2499478	63.755	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	720623	69.942	nq	99
60) Diethylphthalate	10.27	149	3029700	68.942	nq	98
61) 4-Chlorophenyl-phenylether	10.38	204	1233916	63.389	nq	99
62) 4-Nitroaniline	10.42	138	870856	73.250	nq	99
63) Azobenzene	10.54	77	3153607	69.119	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	499891	88.913	nq	99
66) n-Nitrosodiphenylamine	10.50	169	2568485	72.413	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	816976	71.585	nq	98
68) Hexachlorobenzene	10.94	284	840387	72.386	nq	96
69) Atrazine	11.03	200	680598	63.100	nq	97
70) Pentachlorophenol	11.13	266	604017	71.718	nq	96
71) Phenanthrene	11.34	178	3610104	68.690	nq	99
72) Anthracene	11.40	178	3639622	66.193	nq	99
73) Carbazole	11.55	167	3802994	66.145	nq	100
74) Di-n-butylphthalate	11.89	149	4209046	71.224	nq	100
75) Fluoranthene	12.53	202	3441547	71.684	nq	99
77) Benzidine	12.91	184	48861	2.832	nq	98
78) Pyrene	12.76	202	3515600	84.658	nq	100
80) Butylbenzylphthalate	13.38	149	1722105	79.395	nq	97
81) Benzo(a)anthracene	13.94	228	2313403	71.357	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	815348	61.359	nq	99
83) Chrysene	13.99	228	2438217	72.951	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1959173	76.014	nq	99
85) Di-n-octyl phthalate	14.56	149	3185880	73.747	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2348763	87.057	nq	96
88) Benzo(b)fluoranthene	14.98	252	2167400	73.639	nq	99
89) Benzo(k)fluoranthene	15.01	252	2157257	77.958	nq	99
90) Benzo(a)pyrene	15.34	252	2072299	76.458	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1904885	89.479	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2007519	94.203	nq	95

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

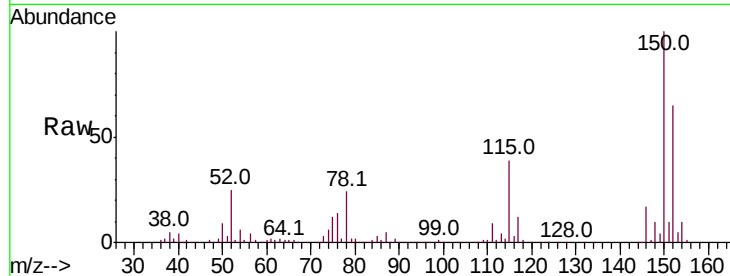


#1

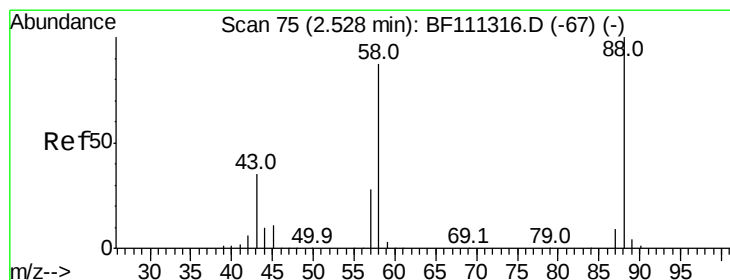
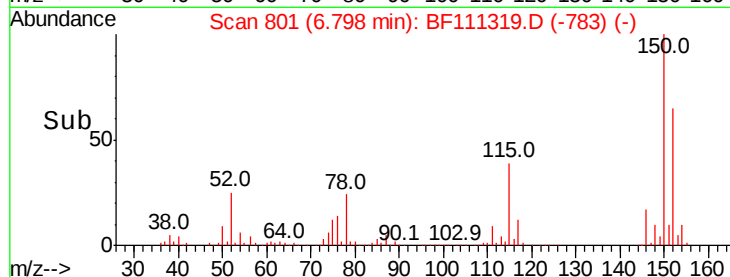
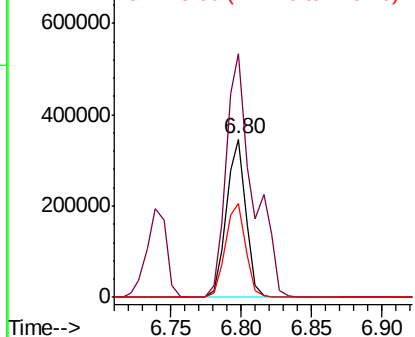
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 330279
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 59.7 50.7 76.1



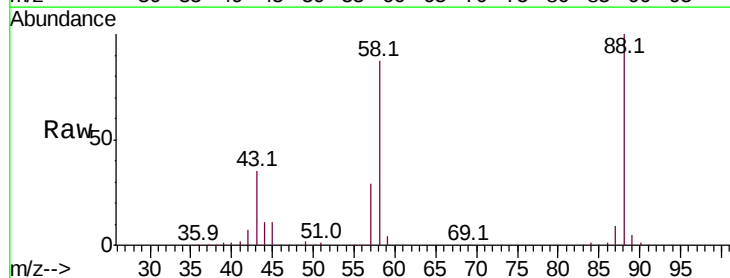
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



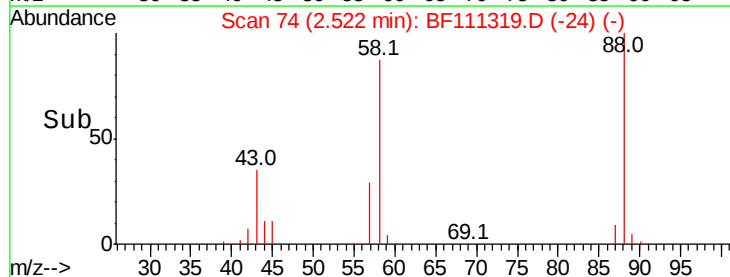
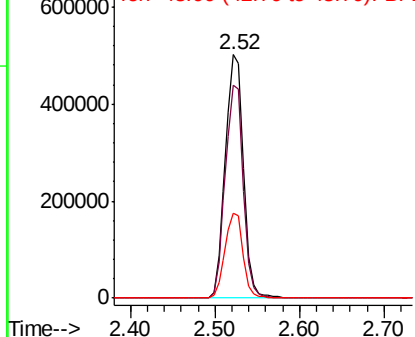
#2

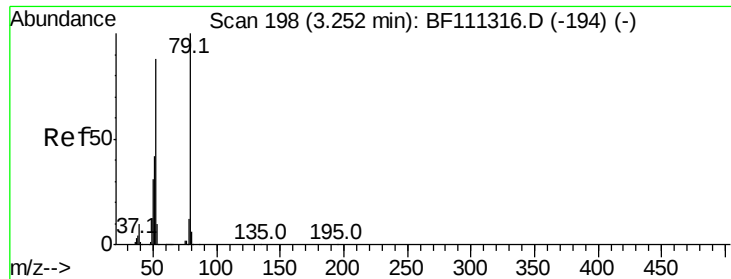
1,4-Dioxane
Concen: 69.226 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion: 88 Resp: 742913
Ion Ratio Lower Upper
88 100
58 86.9 68.9 103.3
43 34.9 25.8 38.6



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





#3

Pvridine

Concen: 70.189 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

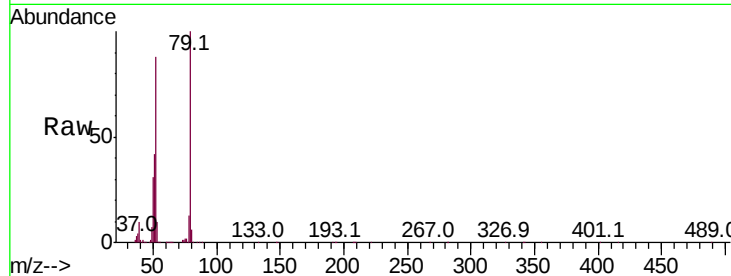
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 2001145

Ion	Ratio	Lower	Upper
79	100		
52	87.6	68.3	102.5
51	42.1	32.6	49.0

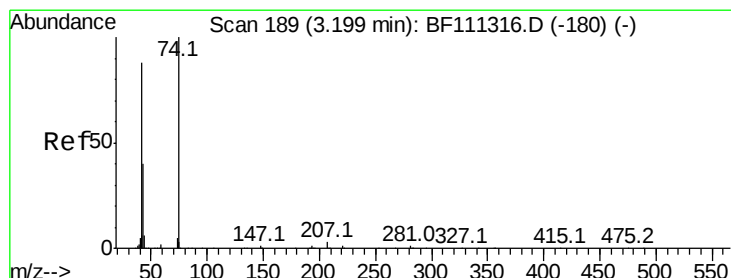
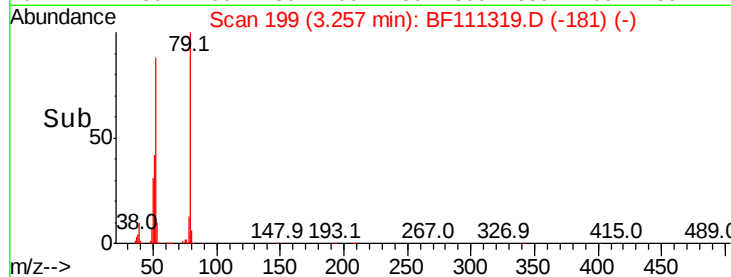
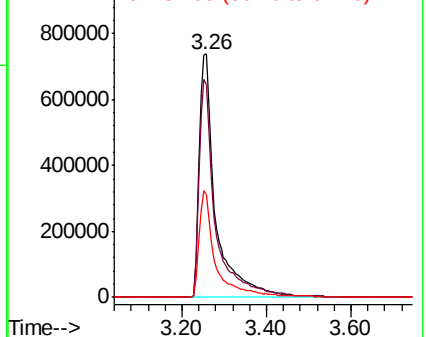


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 75.219 ng

RT: 3.22 min Scan# 192

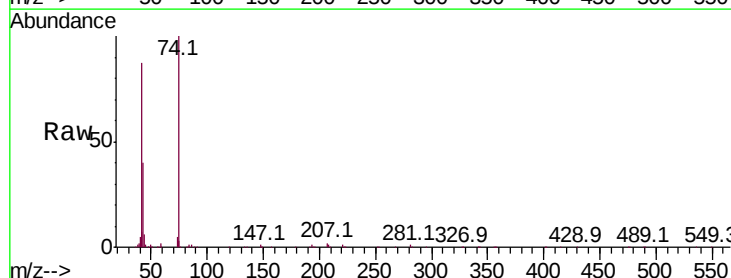
Delta R.T. 0.02 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion: 42 Resp: 914352

Ion	Ratio	Lower	Upper
42	100		
74	114.7	101.5	152.3
44	6.9	6.0	9.0

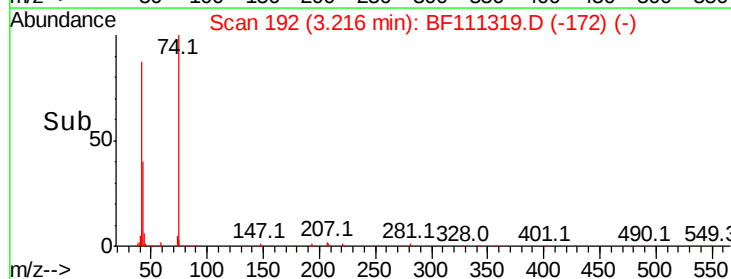
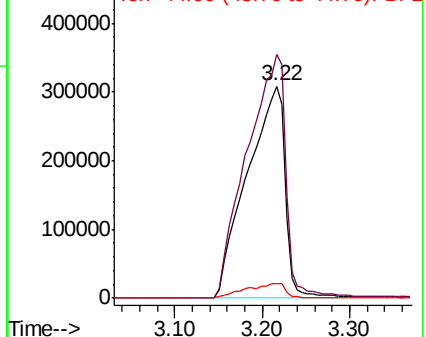


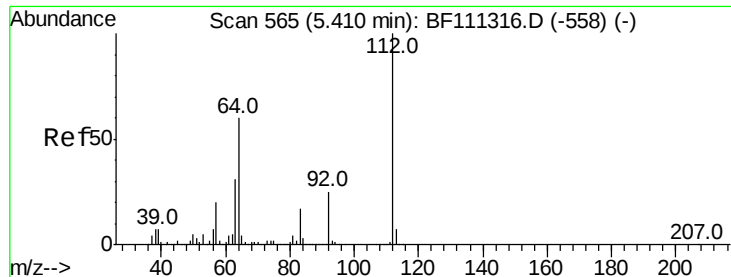
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.697 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

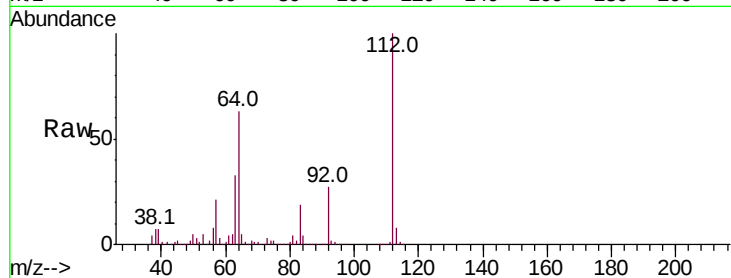
Tot Ion:112 Resp: 2859169

Ion Ratio Lower Upper

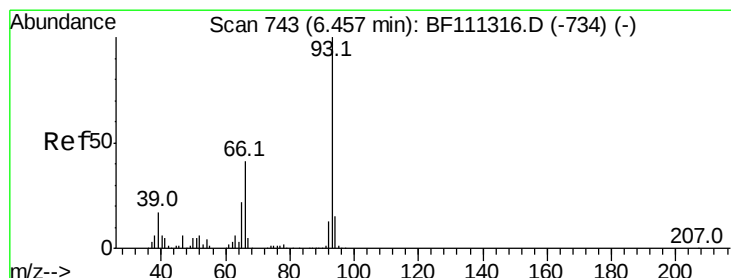
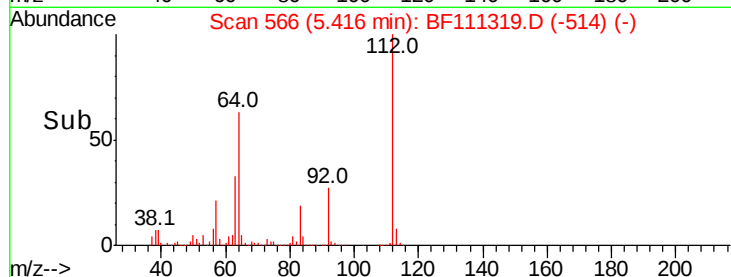
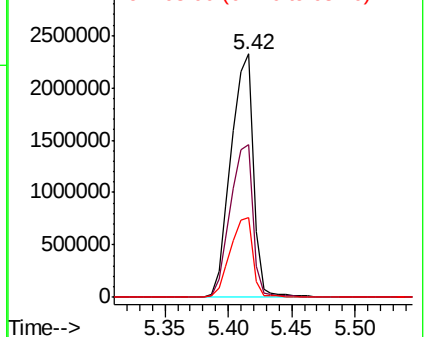
112 100

64 62.9 51.8 77.6

63 32.9 26.8 40.2



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



#6

Aniline

Concen: 72.303 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

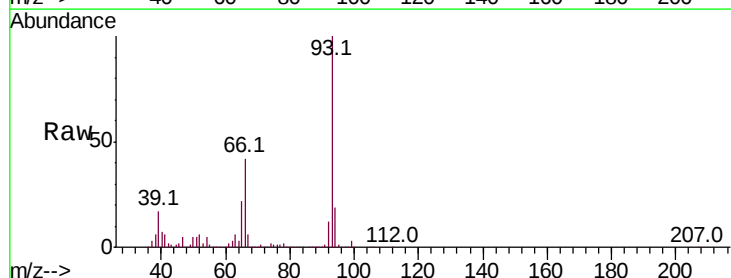
Tgt Ion: 93 Resp: 2505826

Ion Ratio Lower Upper

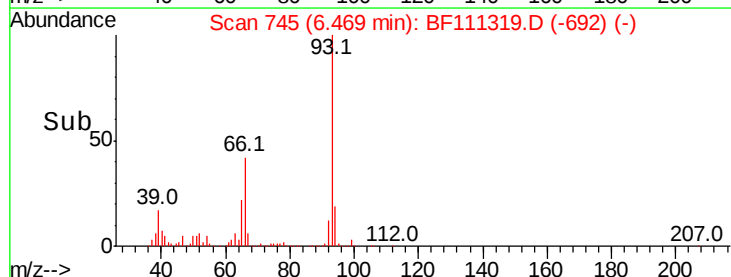
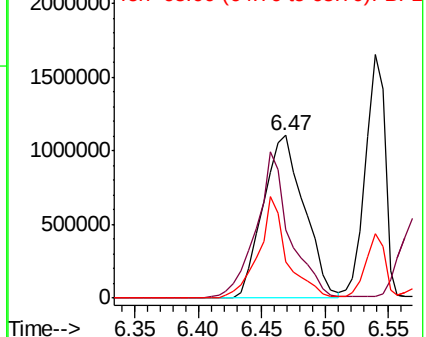
93 100

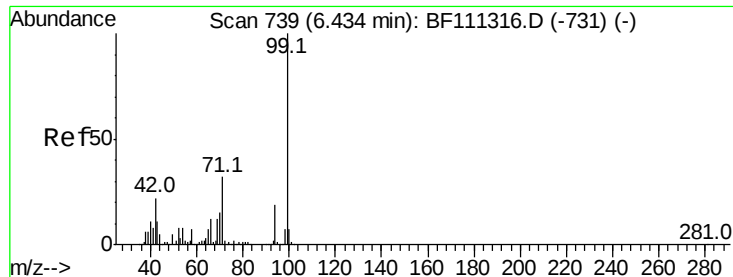
66 42.2 33.2 49.8

65 22.0 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.908 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampled :

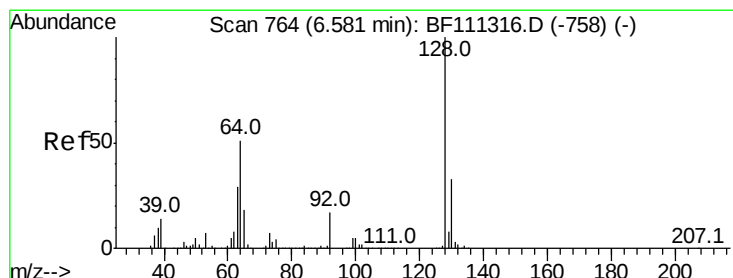
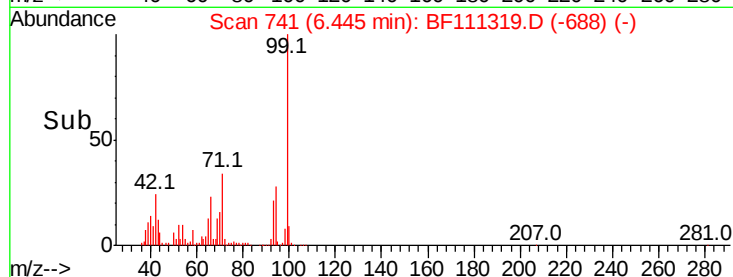
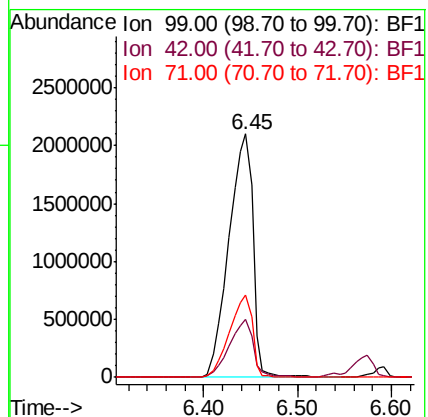
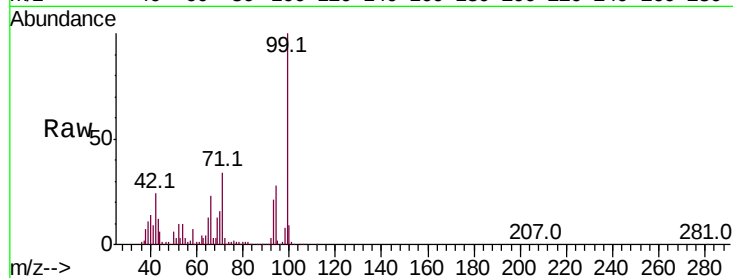
Tot Ion: 99 Resp: 3740666

Ion Ratio Lower Upper

99 100

42 23.8 17.4 26.0

71 33.7 26.1 39.1



#8

2-Chlorophenol

Concen: 71.470 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

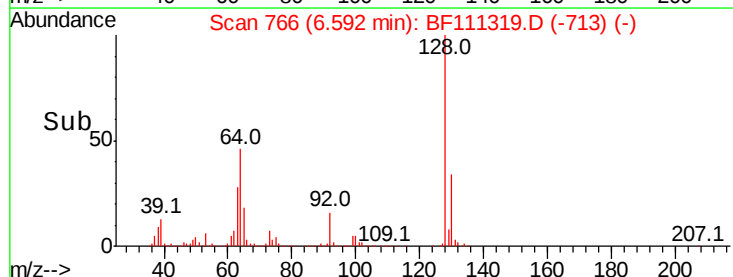
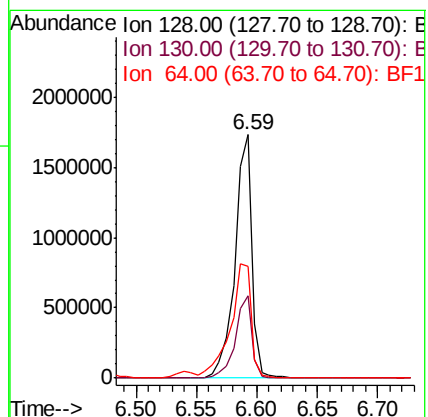
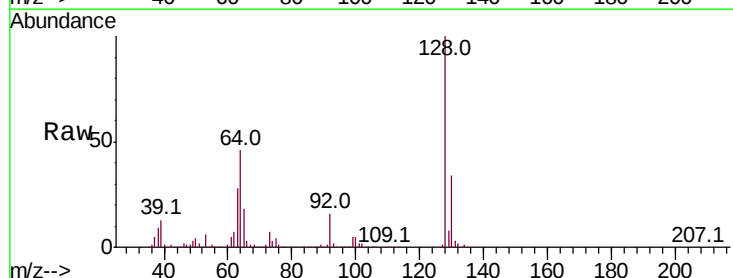
Tgt Ion:128 Resp: 1699191

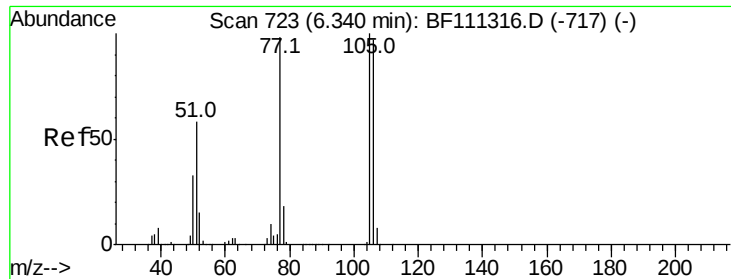
Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

64 46.2 30.0 70.0





#9

Benzaldehyde

Concen: 52.766 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

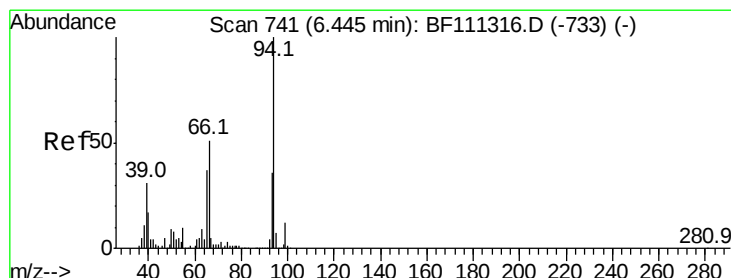
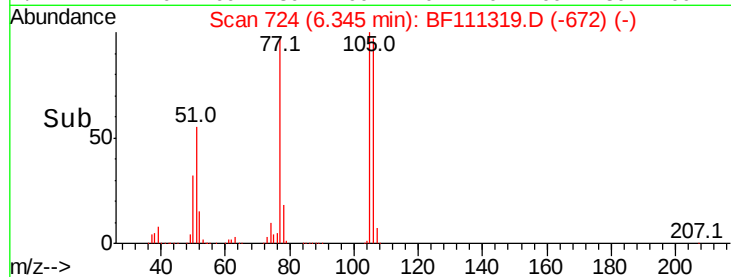
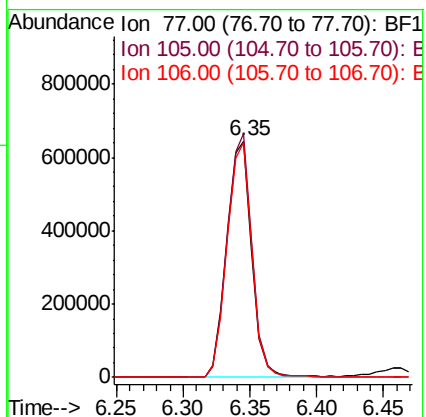
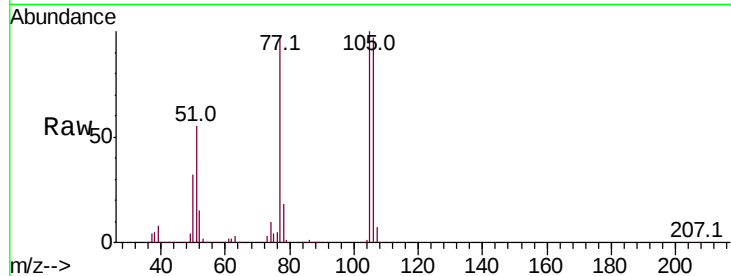
Tot Ion: 77 Resp: 851196

Ion Ratio Lower Upper

77 100

105 103.1 81.4 121.4

106 99.6 77.9 117.9



#10

Phenol

Concen: 70.998 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

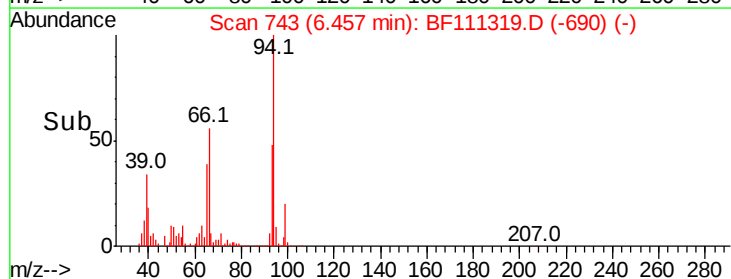
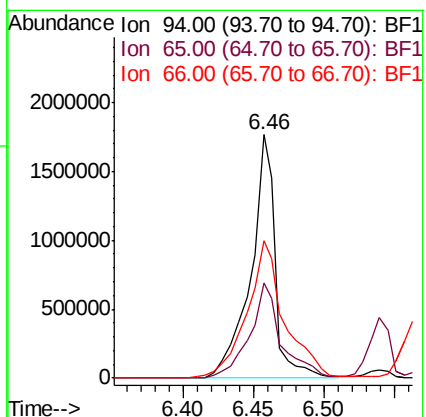
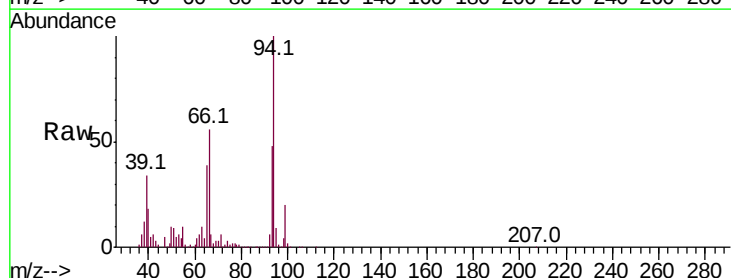
Tgt Ion: 94 Resp: 2157900

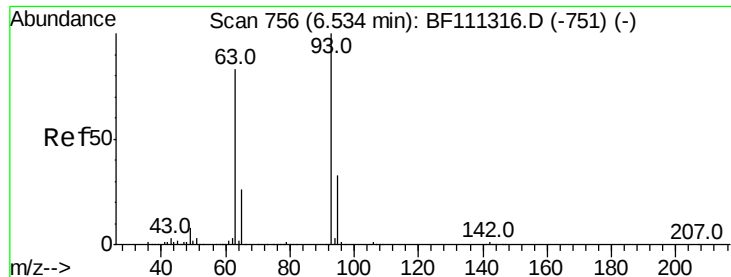
Ion Ratio Lower Upper

94 100

65 39.0 11.7 51.7

66 56.4 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 74.067 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

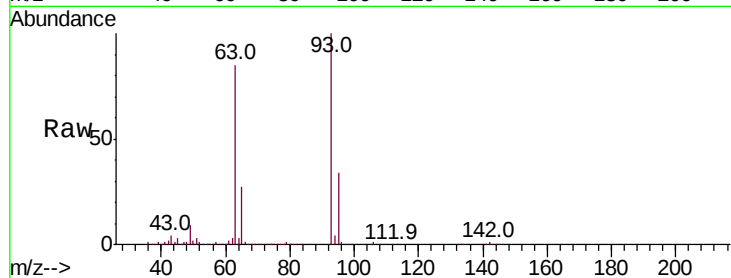
Tot Ion: 93 Resp: 1741041

Ion Ratio Lower Upper

93 100

63 84.5 60.0 100.0

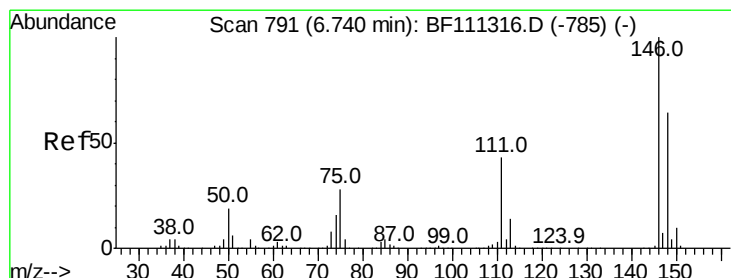
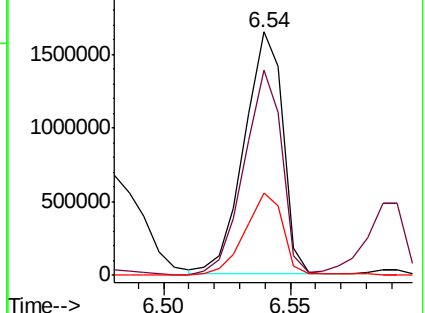
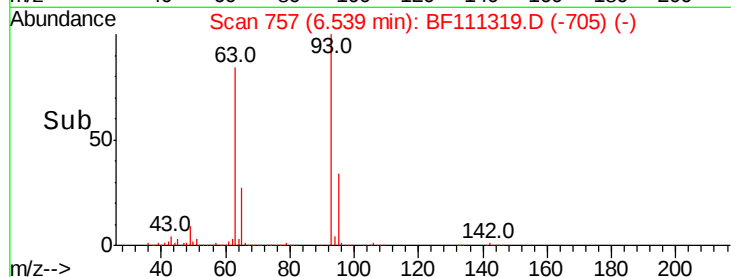
95 33.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 73.256 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

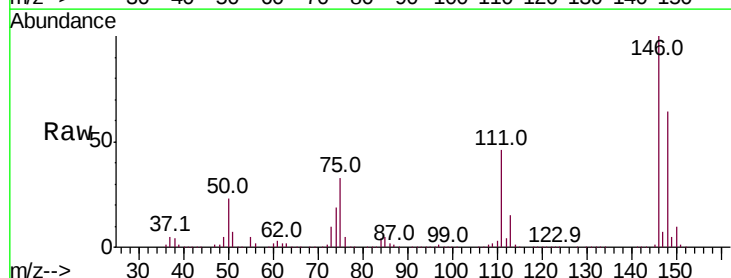
Tgt Ion:146 Resp: 1871364

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

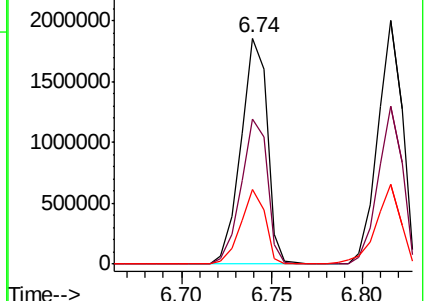
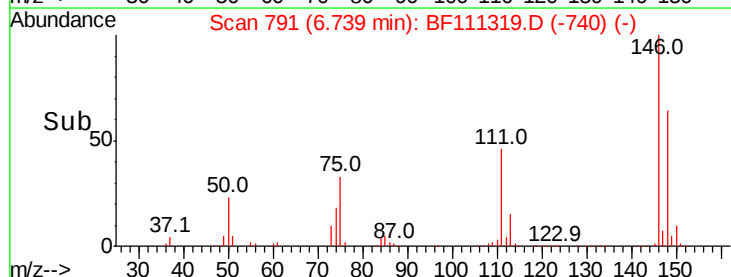
75 33.1 23.9 35.9

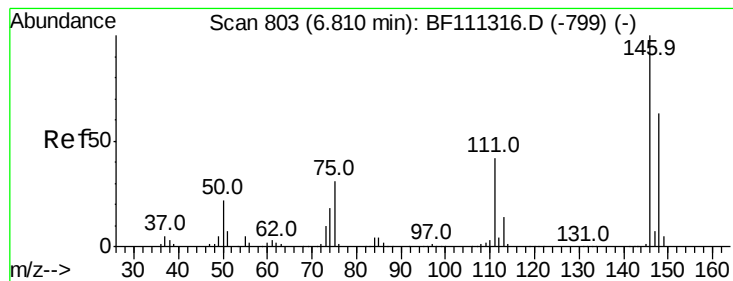


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 73.165 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

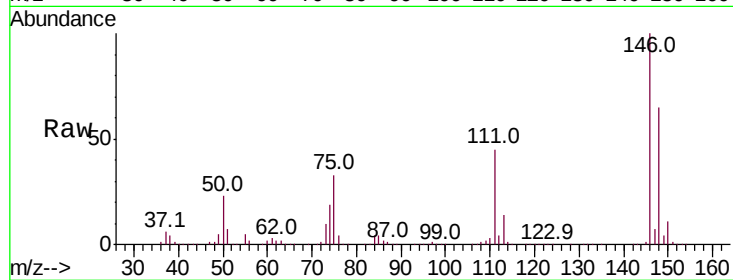
Tot Ion:146 Resp: 1887224

Ion Ratio Lower Upper

146 100

148 65.1 52.8 79.2

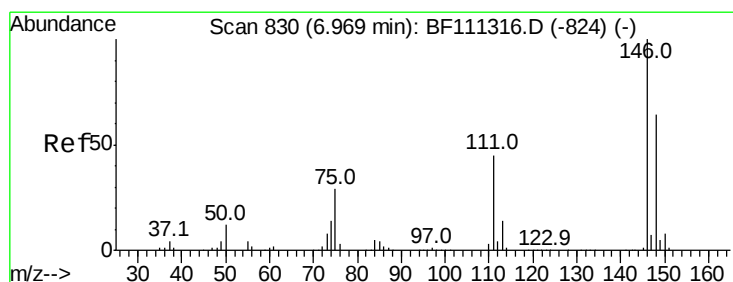
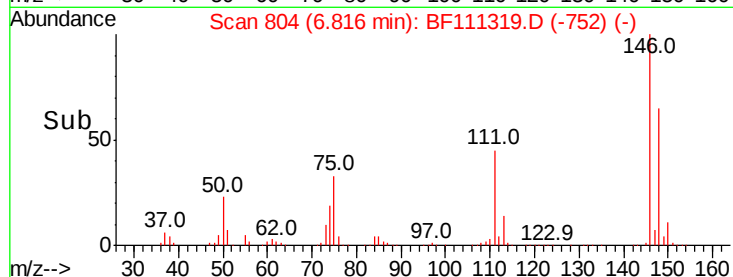
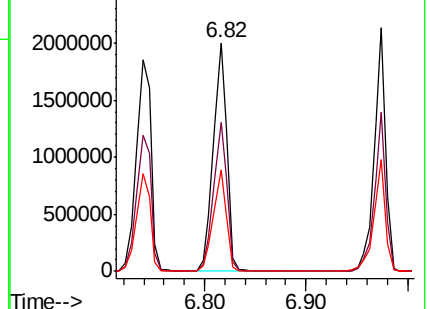
111 44.6 33.4 50.0



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: 69.336 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

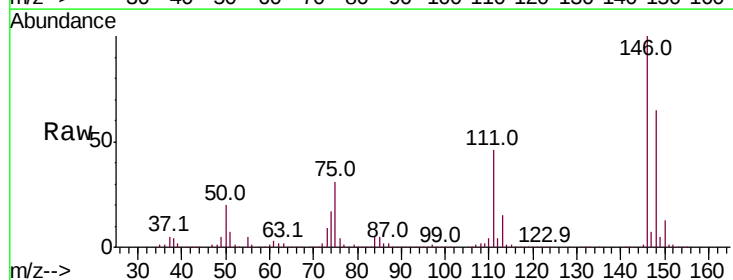
Tgt Ion:146 Resp: 1668085

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

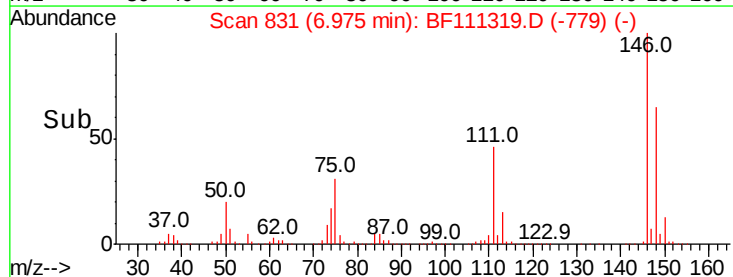
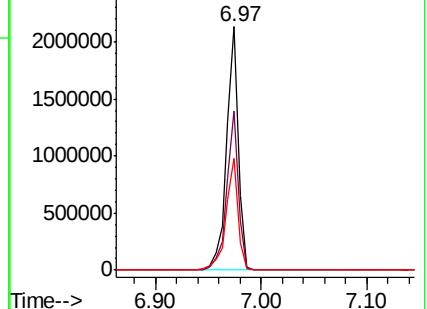
111 45.9 36.2 54.4

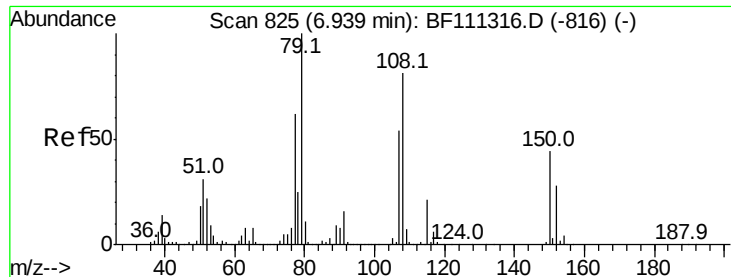


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 69.428 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

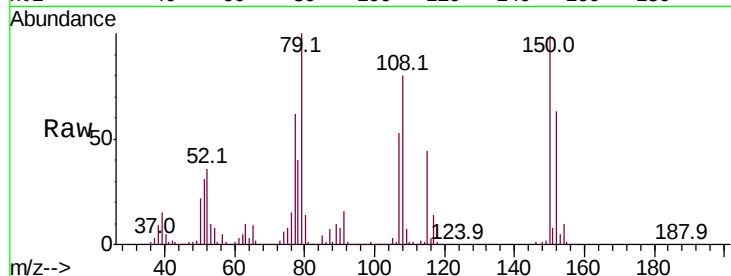
Tot Ion: 79 Resp: 1428142

Ion Ratio Lower Upper

79 100

108 79.7 69.4 104.2

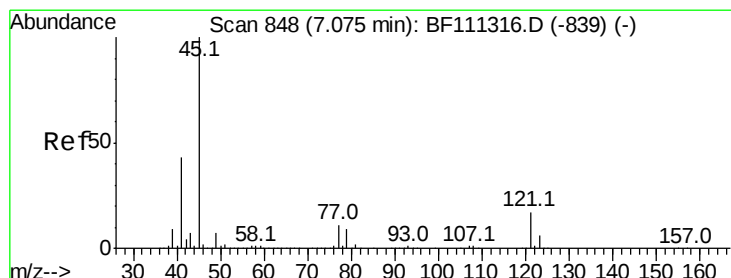
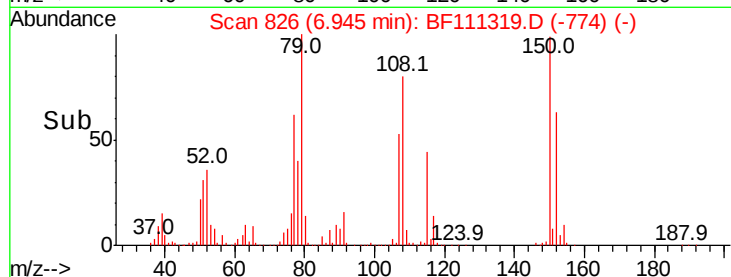
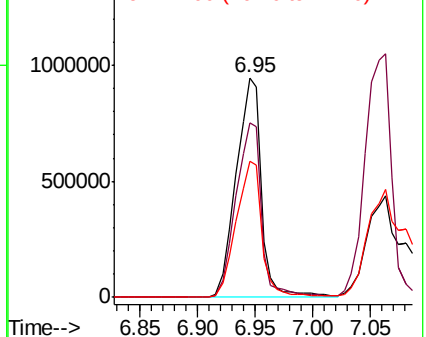
77 62.2 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 74.681 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

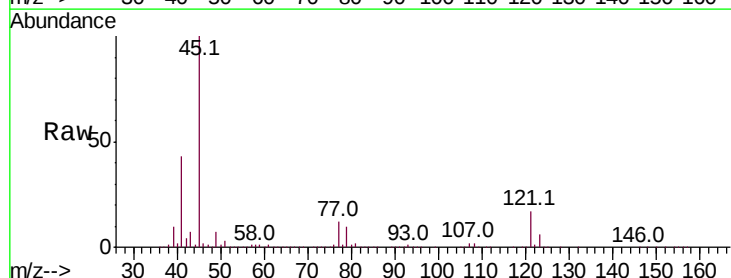
Tgt Ion: 45 Resp: 3286638

Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.5

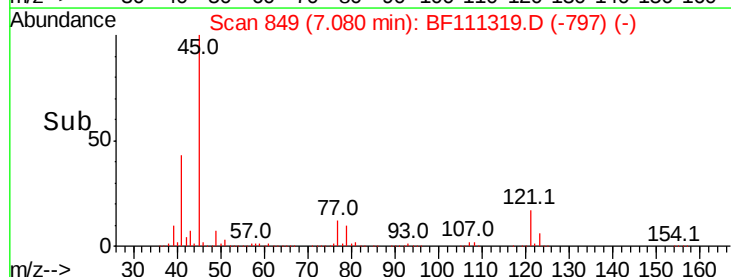
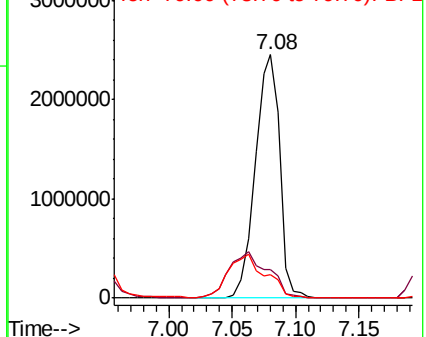
79 9.6 0.0 28.9

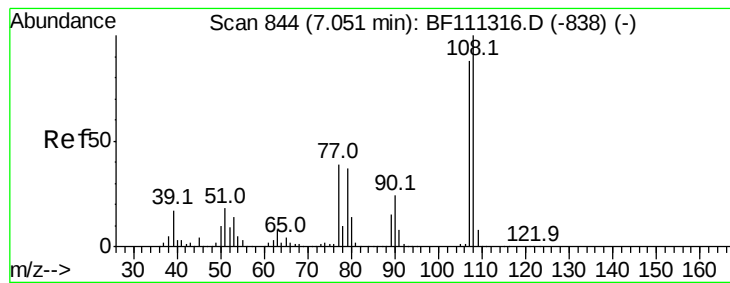


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 73.586 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

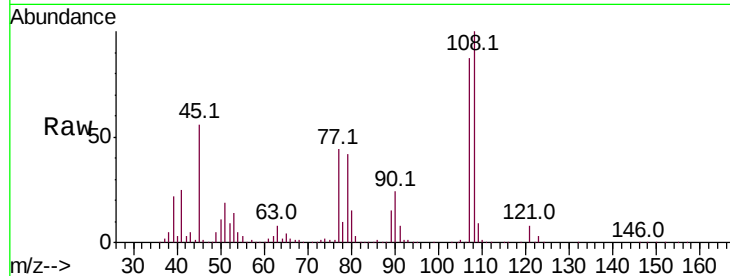
Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1428323

Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.0	136.4
77	50.9	33.5	50.3
79	47.9	33.3	49.9



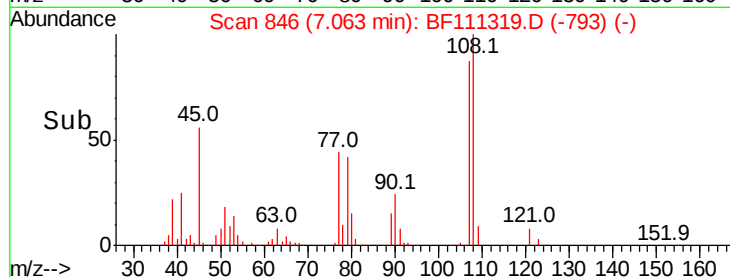
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->

7.00 7.05 7.10 7.15

1500000

1000000

500000

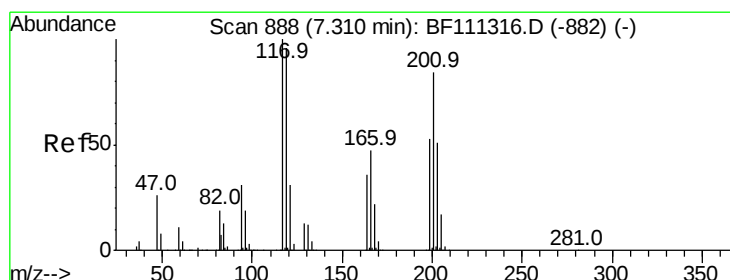
0

7.06

7.00 7.05 7.10 7.15

0

Time-->



#18

Hexachloroethane

Concen: 73.715 ng

RT: 7.32 min Scan# 889

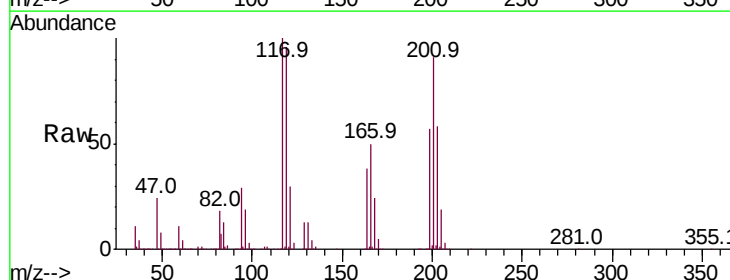
Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:117 Resp: 723925

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	90.8	62.4	93.6

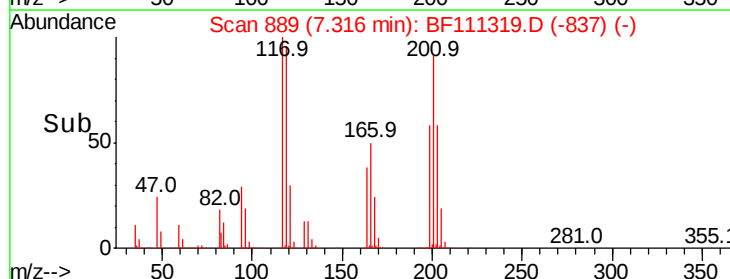


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

7.25 7.30 7.35

1000000

800000

600000

400000

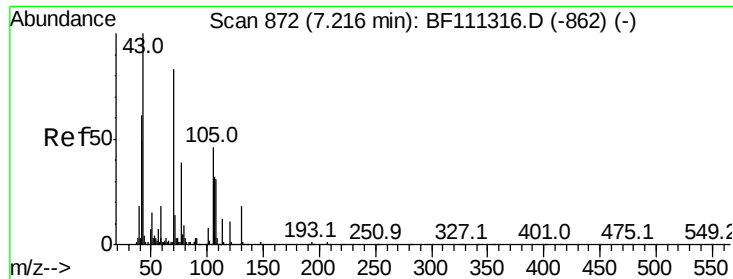
200000

0

7.32

7.25 7.30 7.35

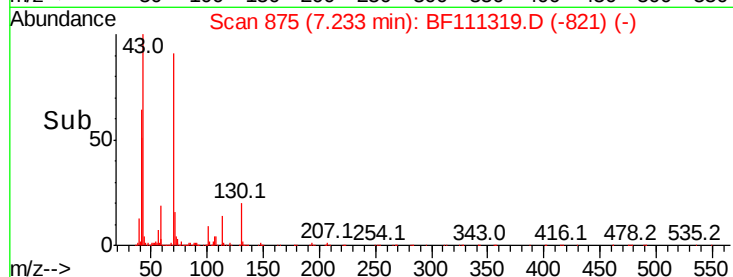
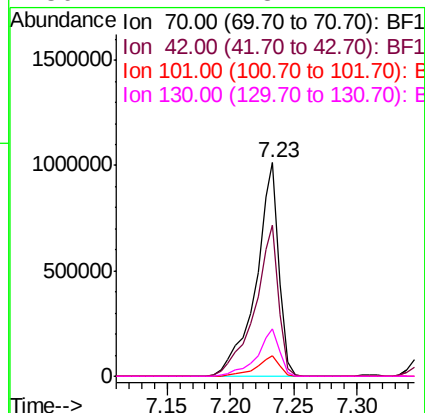
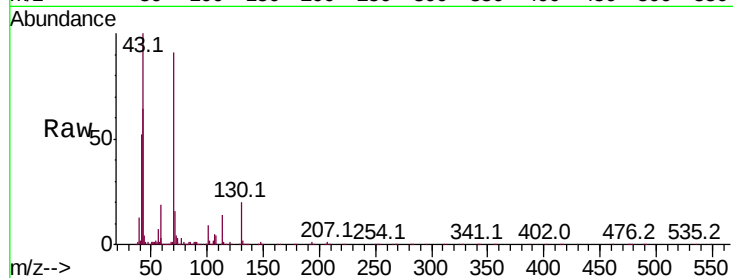
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 73.368 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

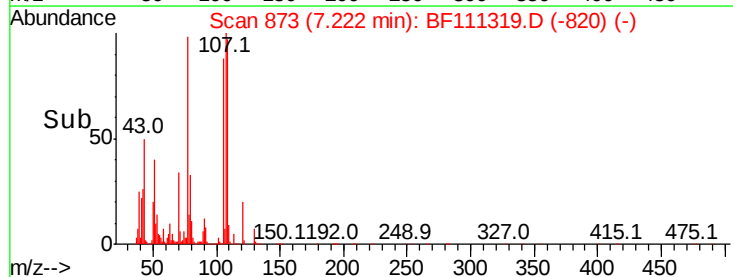
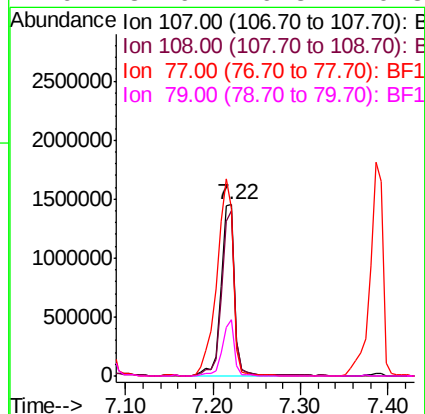
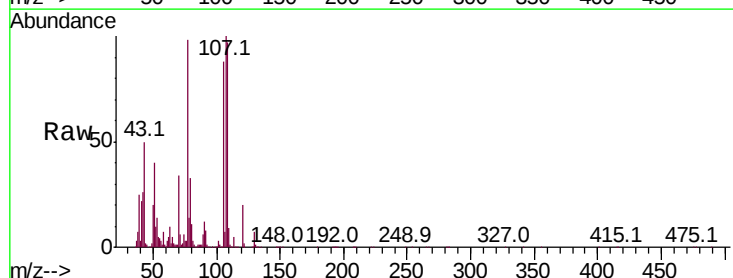
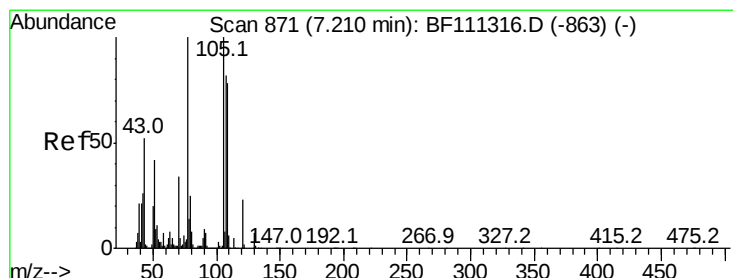
Instrument :
BNA_F
ClientSampleId :

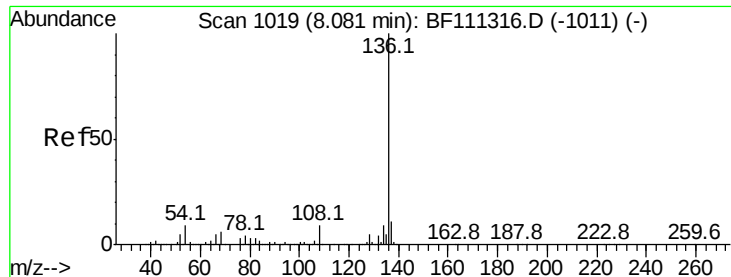
Tot Ion: 70 Resp: 1277528
Ion Ratio Lower Upper
70 100
42 70.6 53.2 79.8
101 9.7 8.2 12.4
130 22.4 18.1 27.1



#20
3+4-Methylphenols
Concen: 67.448 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion: 107 Resp: 1557202
Ion Ratio Lower Upper
107 100
108 96.7 72.1 112.1
77 98.0 94.1 134.1
79 32.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1350490

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	7.7	11.5
68	6.1	4.9	7.3

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

2000000

1500000

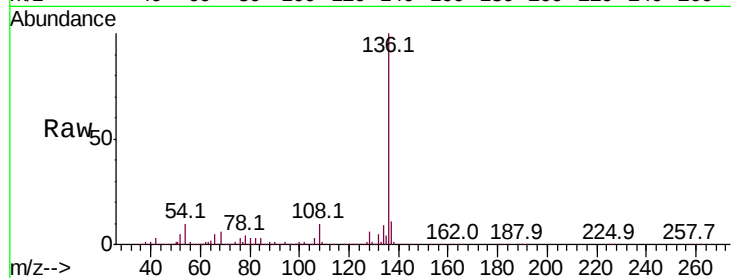
1000000

500000

0

8.00 8.05 8.10 8.15

Time-->



Abundance

Scan 1019 (8.080 min): BF111319.D (-968) (-)

Sub 50

m/z-->

Abundance

Scan 871 (7.210 min): BF111316.D (-862) (-)

Ref 50

m/z-->

Abundance

Scan 872 (7.216 min): BF111319.D (-820) (-)

Raw 50

m/z-->

Abundance

Scan 872 (7.216 min): BF111319.D (-820) (-)

Sub 50

m/z-->

Abundance

Scan 872 (7.216 min): BF111319.D (-820) (-)

Sub 50

m/z-->

Abundance

Scan 872 (7.216 min): BF111319.D (-820) (-)

Sub 50

m/z-->

#22

Acetophenone

Concen: 72.500 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:105 Resp: 2240294

Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.1	4.7#
51	45.3	36.6	54.8
120	22.7	18.2	27.4

Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

2500000

2000000

1500000

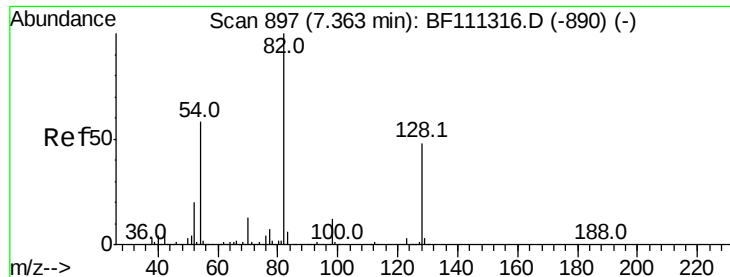
1000000

500000

0

7.10 7.20 7.30

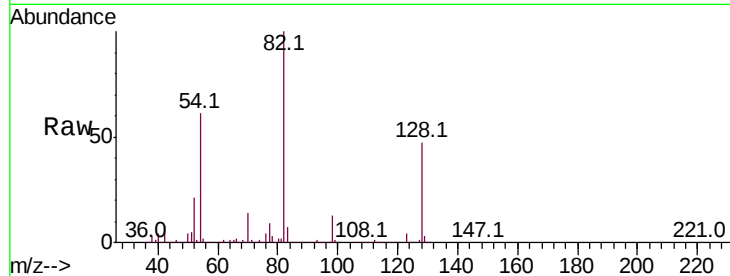
Time-->



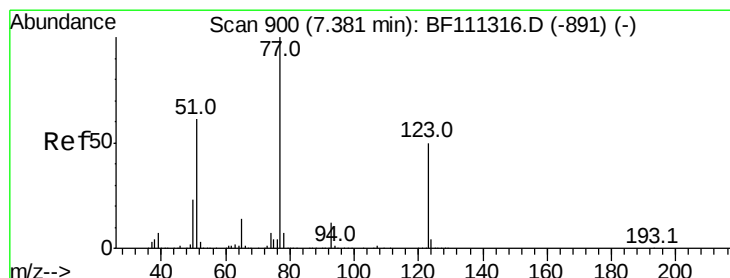
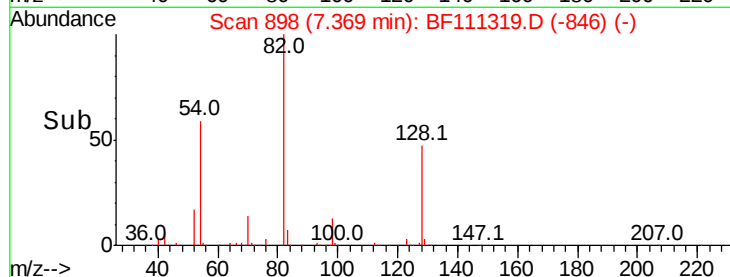
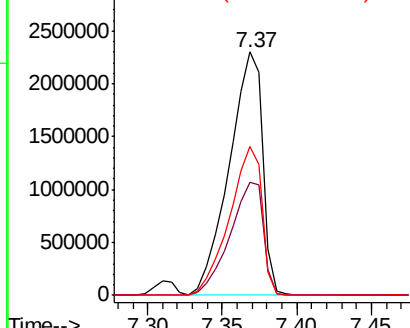
#23
 Nitrobenzene-d5
 Concen: 148.630 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 3578684
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.4 56.2
 54 61.0 47.6 71.4

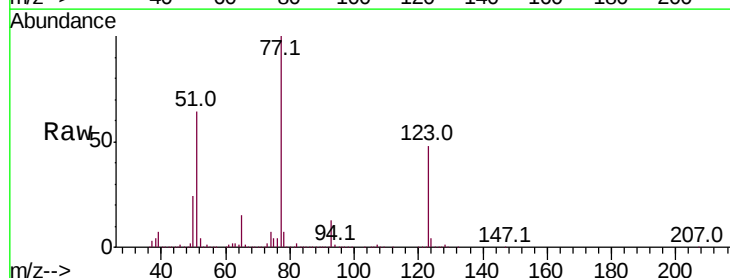


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

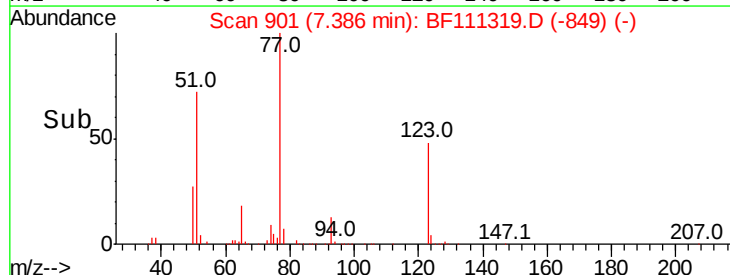
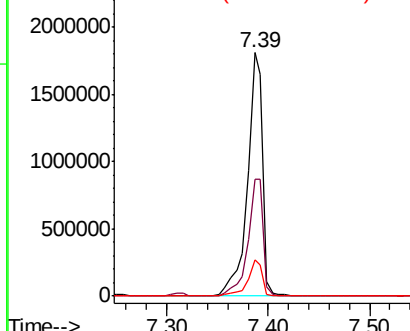


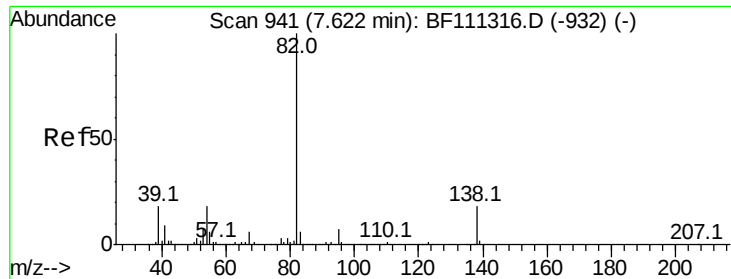
#24
 Nitrobenzene
 Concen: 74.081 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion: 77 Resp: 1856453
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.2 55.8
 65 15.0 11.5 17.3



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: 76.303 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampled :

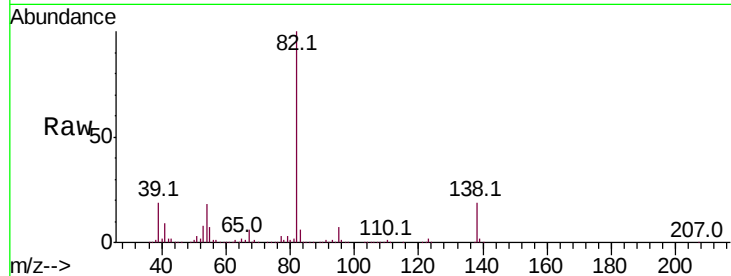
Tot Ion: 82 Resp: 3129154

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

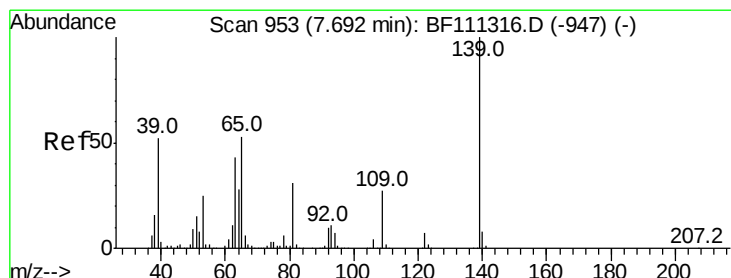
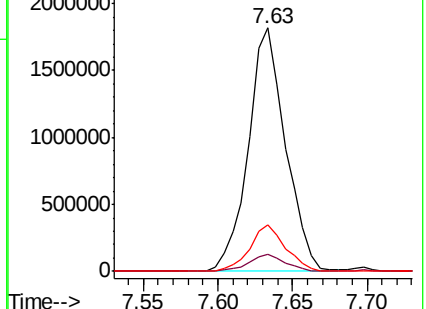
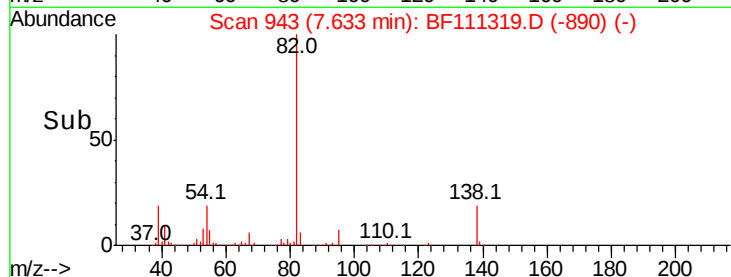
138 19.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 76.696 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

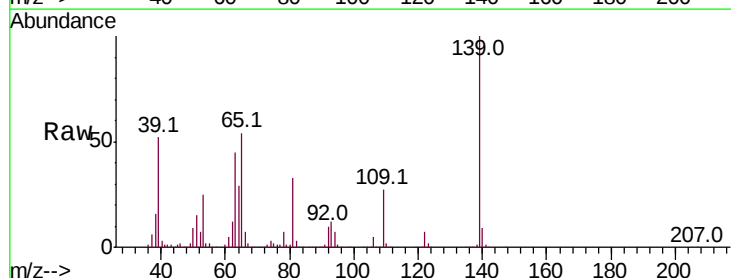
Tgt Ion: 139 Resp: 954929

Ion Ratio Lower Upper

139 100

109 26.9 20.2 30.4

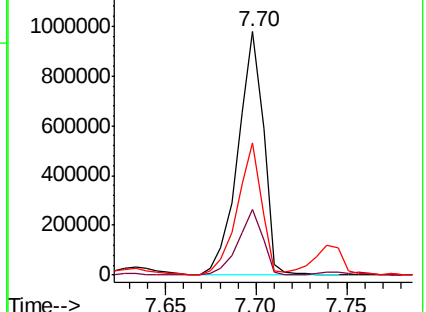
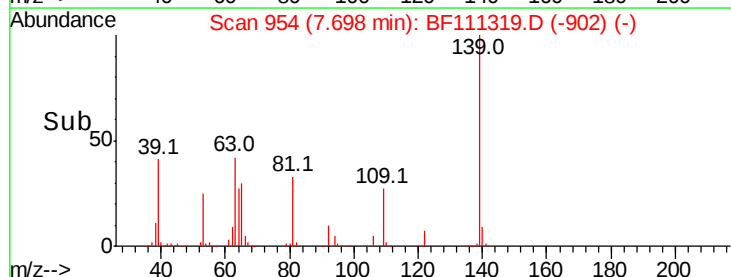
65 54.1 40.7 61.1

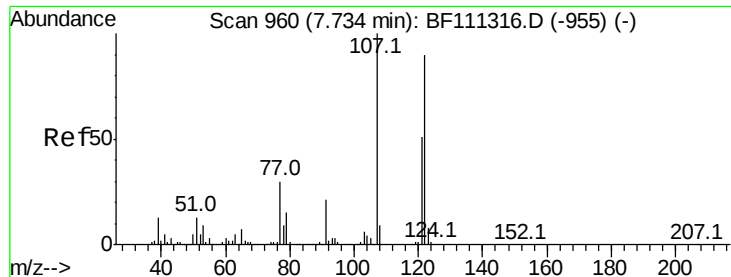


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

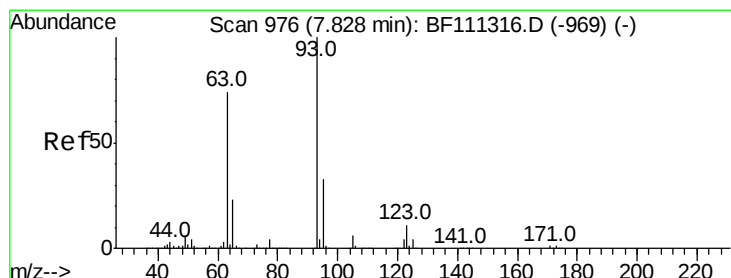
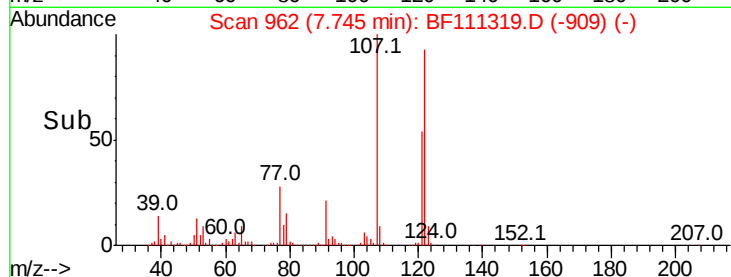
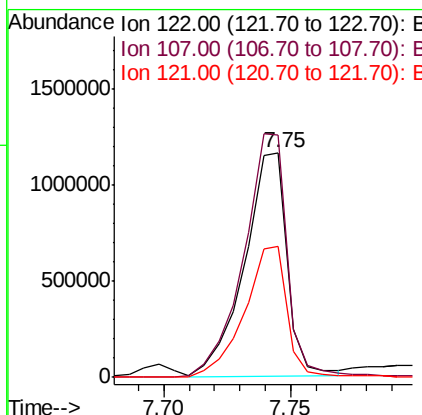
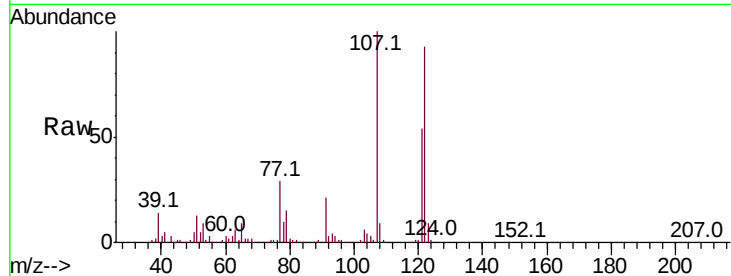




#27
 2,4-Dimethylphenol
 Concen: 71.754 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

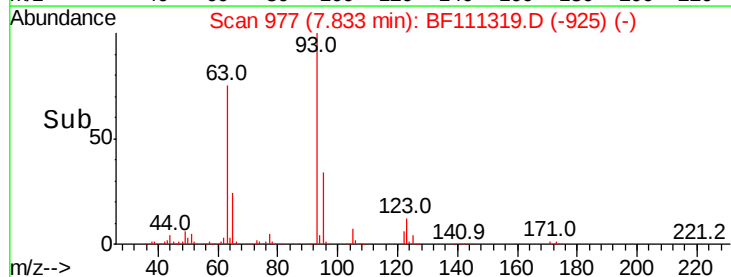
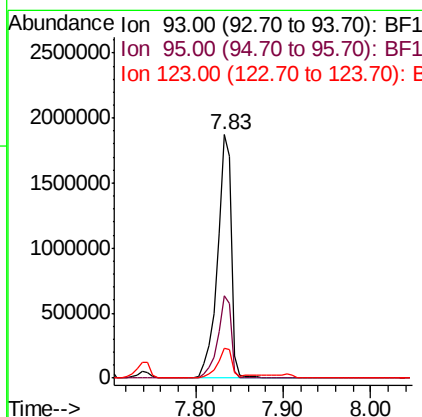
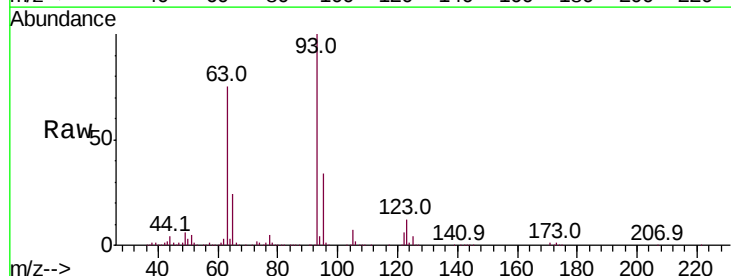
Instrument :
 BNA_F
 ClientSampleId :

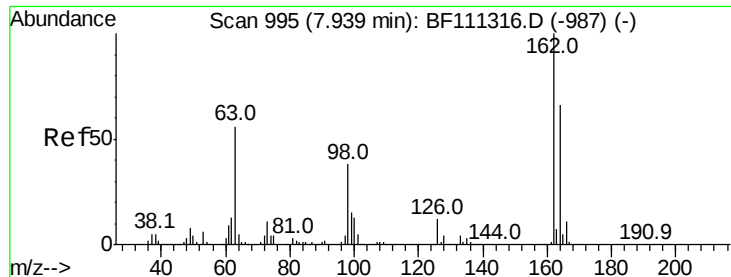
Tot Ion:122 Resp: 1380518
 Ion Ratio Lower Upper
 122 100
 107 107.9 85.5 128.3
 121 58.1 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 72.219 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion: 93 Resp: 2050892
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.1 40.7
 123 12.3 9.9 14.9

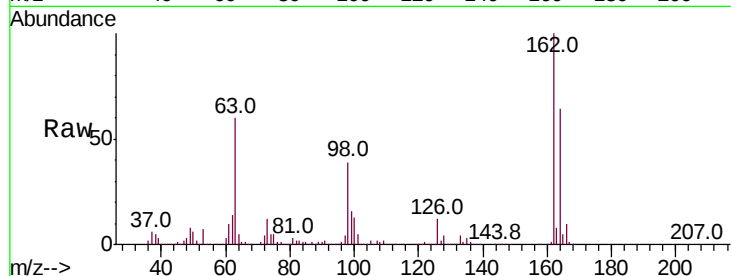




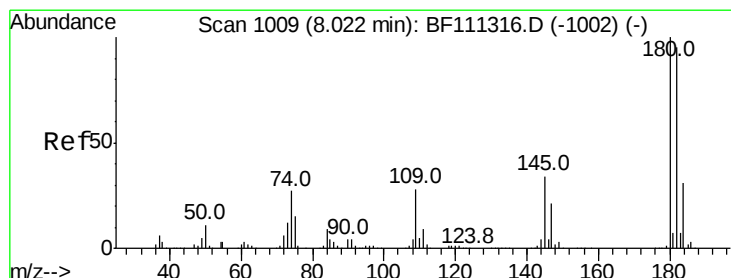
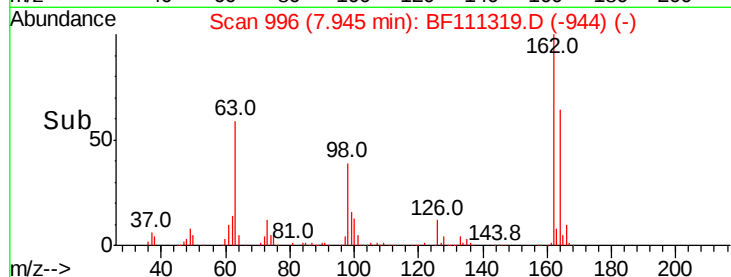
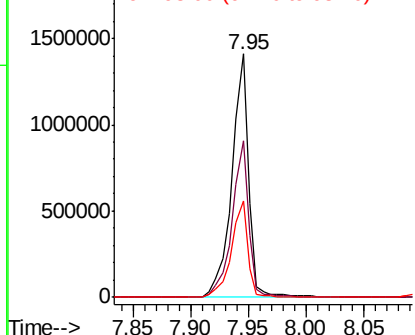
#29
2,4-Dichlorophenol
Concen: 72.287 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1422085
Ion Ratio Lower Upper
162 100
164 64.3 44.4 84.4
98 39.4 20.3 60.3

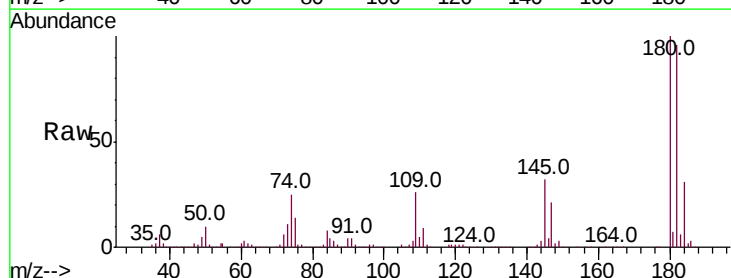


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

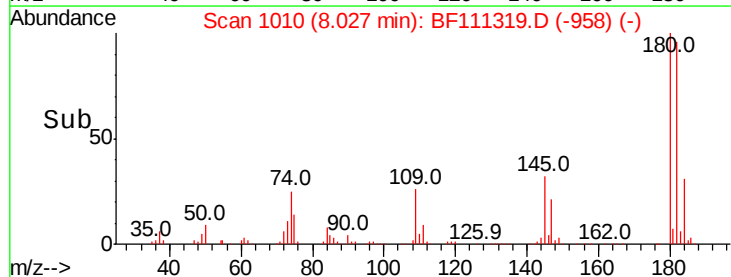
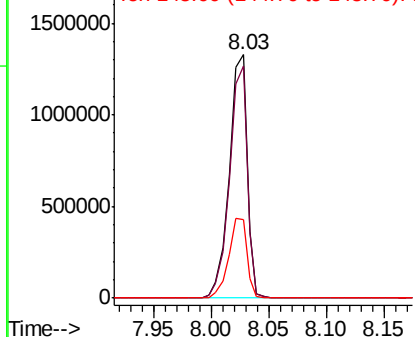


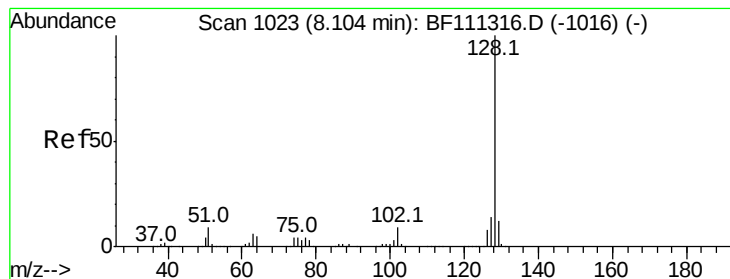
#30
1,2,4-Trichlorobenzene
Concen: 73.908 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:180 Resp: 1432204
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 32.4 26.7 40.1



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: 72.485 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

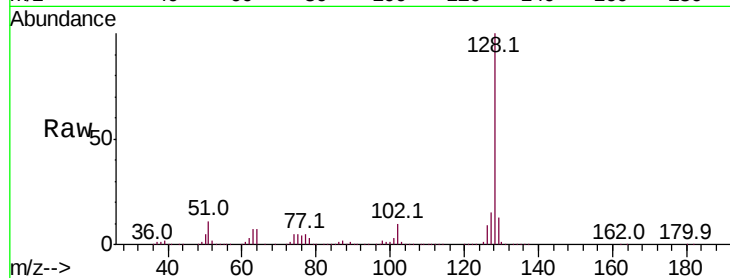
Tot Ion:128 Resp: 4272319

Ion Ratio Lower Upper

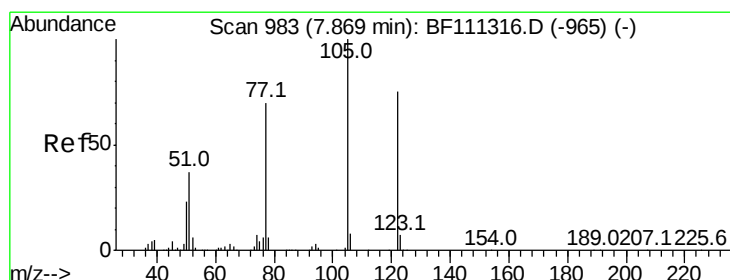
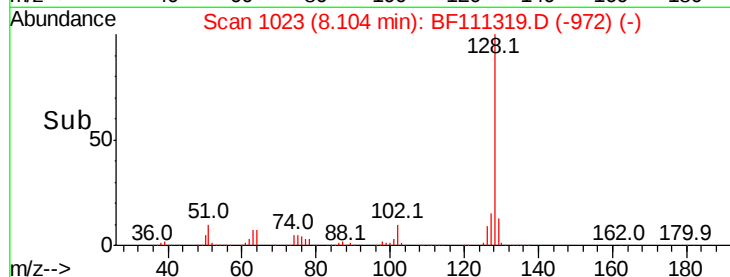
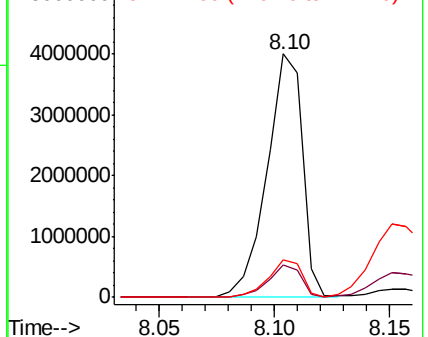
128 100

129 13.2 9.8 14.8

127 15.2 12.0 18.0



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: 76.312 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.04 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

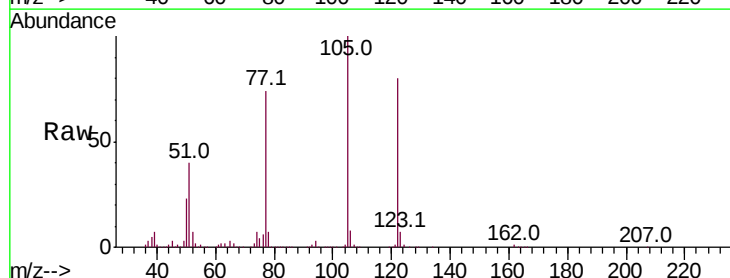
Tgt Ion:122 Resp: 1214129

Ion Ratio Lower Upper

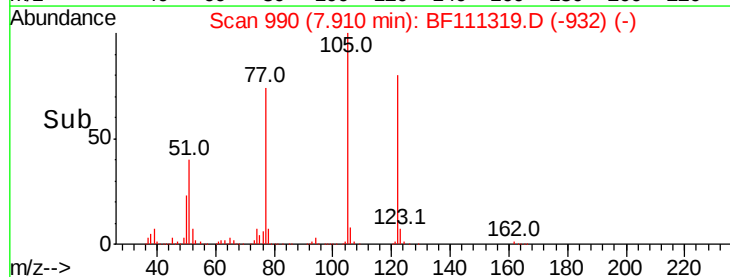
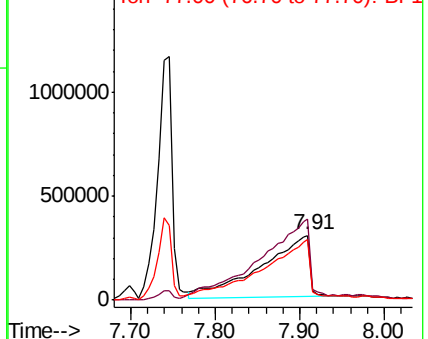
122 100

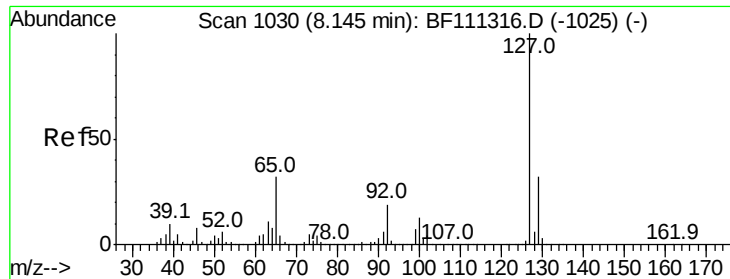
105 125.3 97.0 137.0

77 93.2 65.7 105.7



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

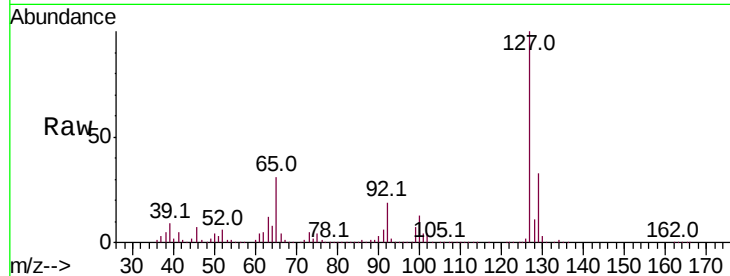




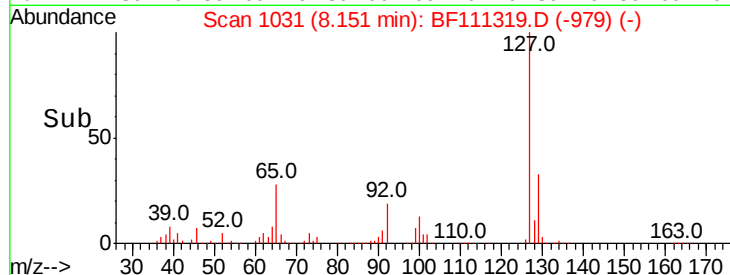
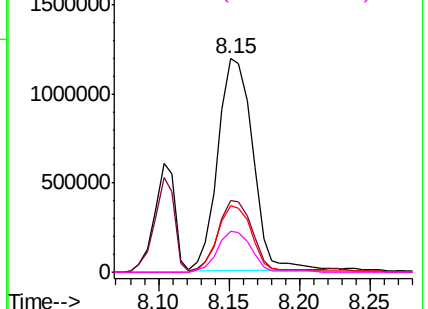
#33
4-Chloroaniline
Concen: 73.104 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	2069509
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	31.3	25.7	38.5
92	19.2	15.4	23.2

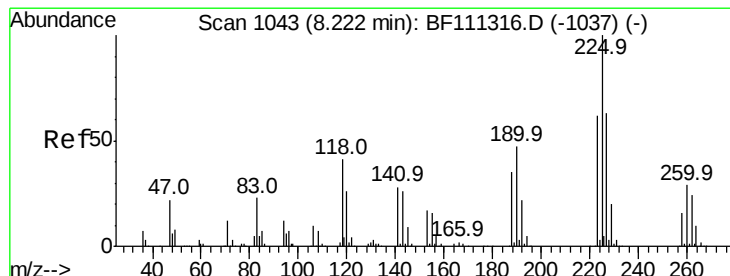


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

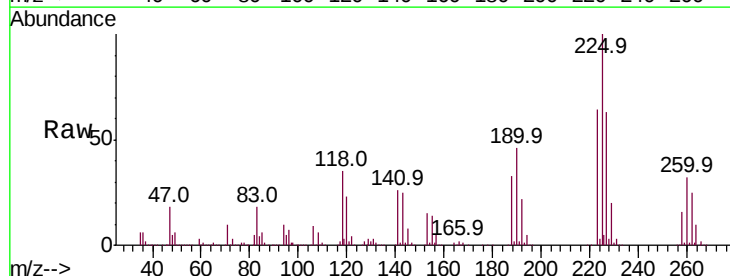
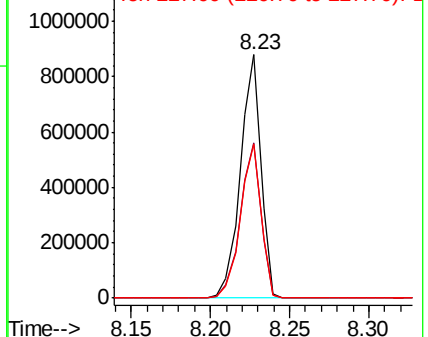


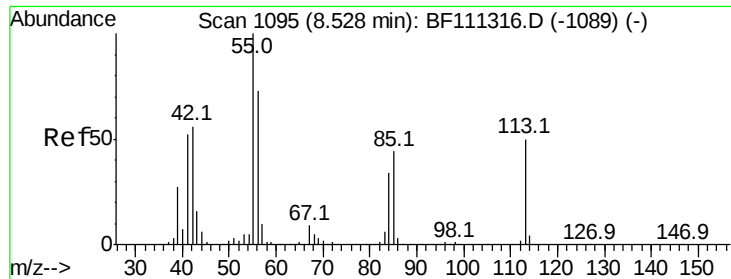
#34
Hexachlorobutadiene
Concen: 73.807 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:	225	Resp:	789502
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	63.0	52.6	78.8



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

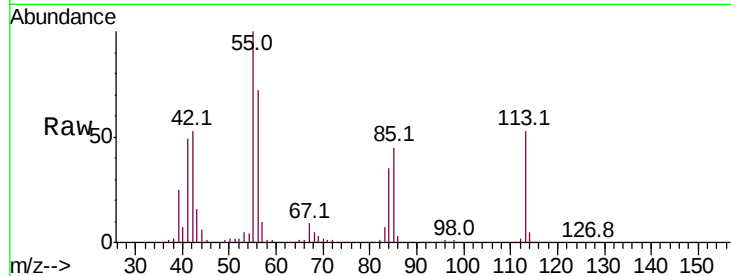




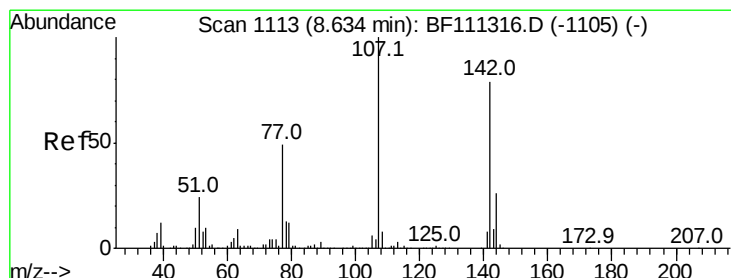
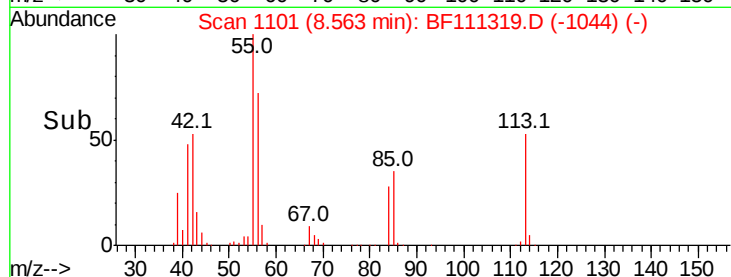
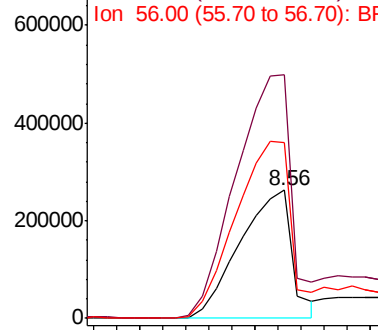
#35
Caprolactam
Concen: 59.199 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.04 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 412687
Ion Ratio Lower Upper
113 100
55 190.0 184.1 224.1
56 137.3 126.0 166.0

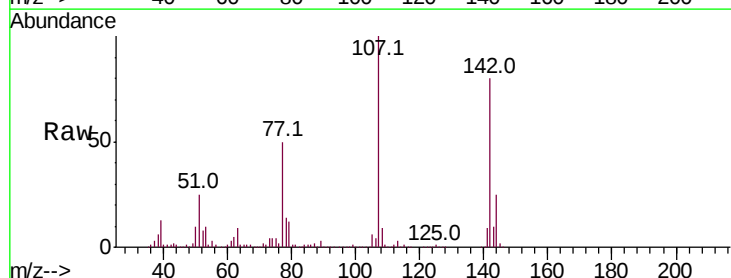


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

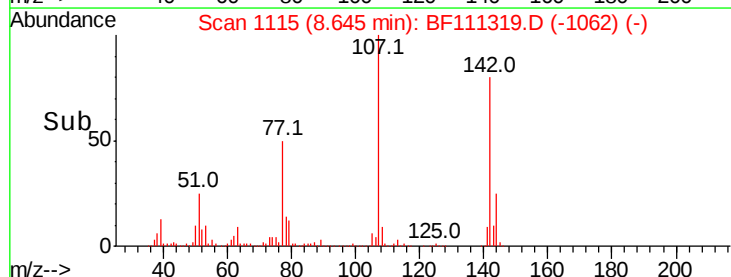
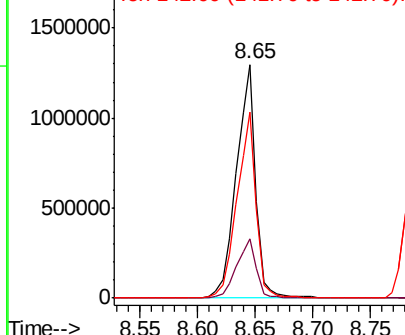


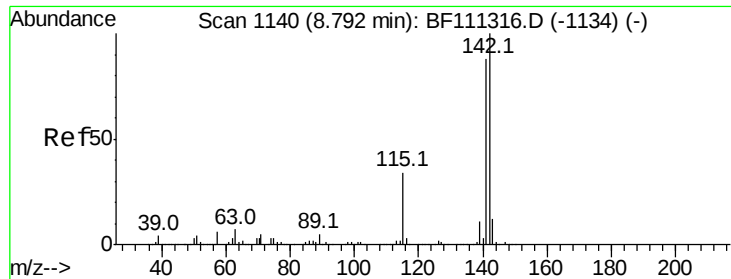
#36
4-Chloro-3-methylphenol
Concen: 74.603 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:107 Resp: 1502681
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.6
142 79.5 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 71.879 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

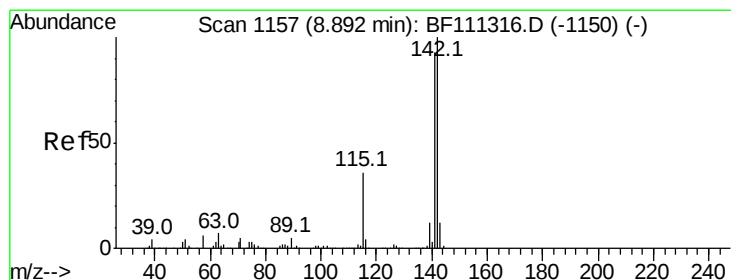
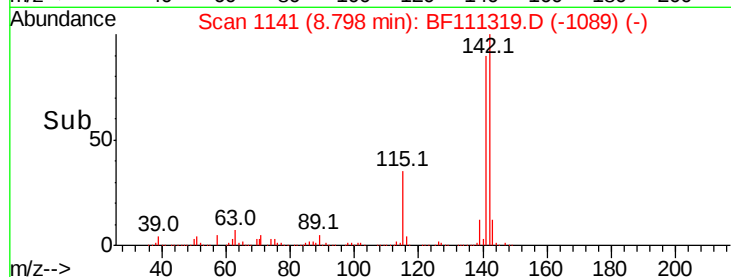
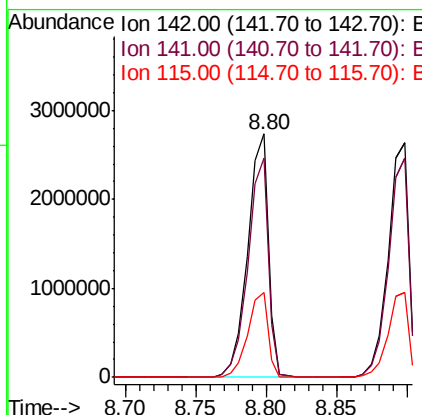
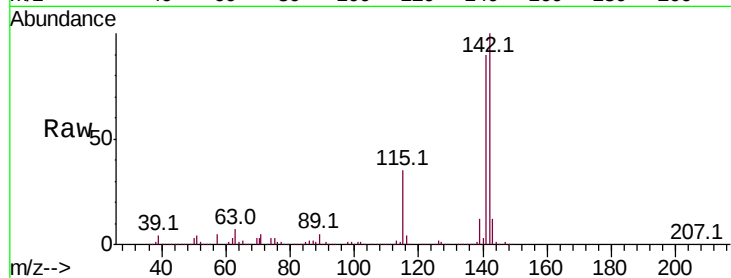
Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2812776

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	105.8
115	34.6	27.0	40.6



#38

1-Methylnaphthalene

Concen: 69.954 ng

RT: 8.90 min Scan# 1158

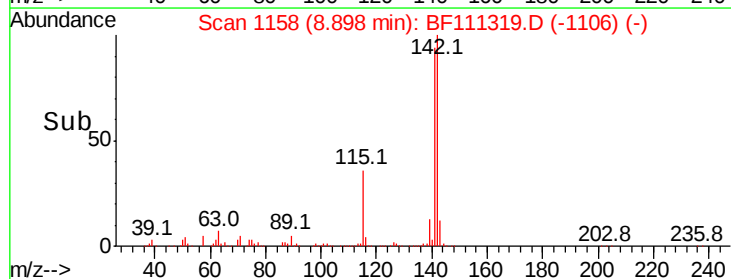
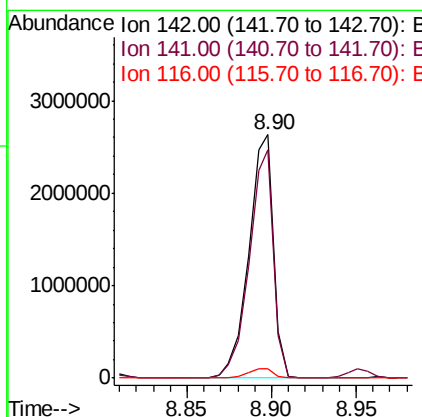
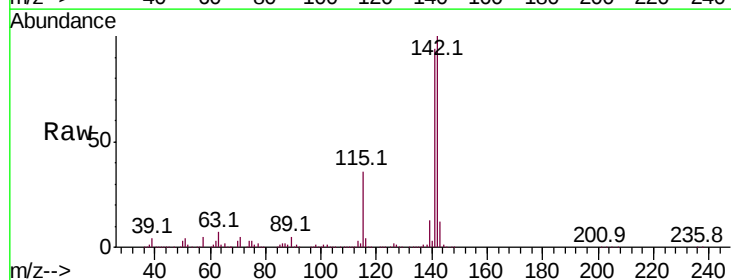
Delta R.T. 0.01 min

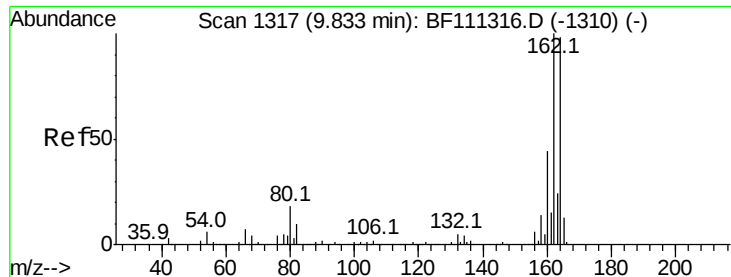
Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:142 Resp: 2680767

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.8	2.9	4.3

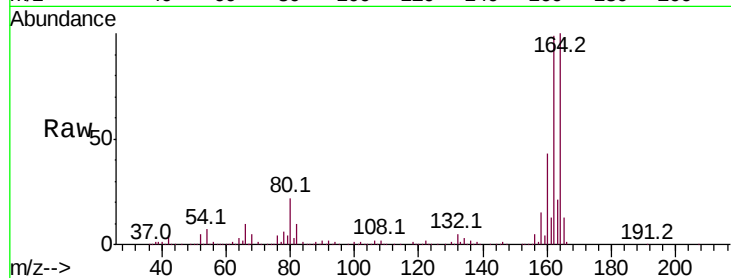




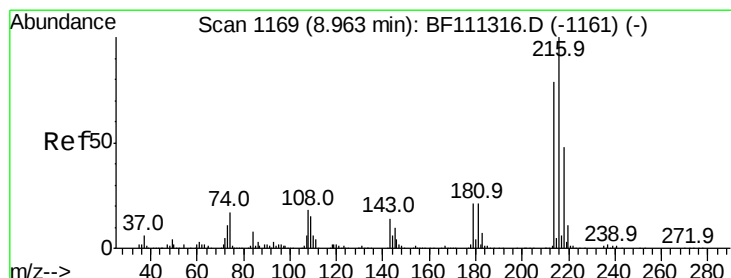
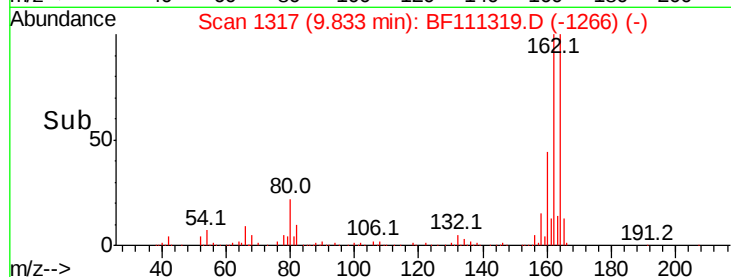
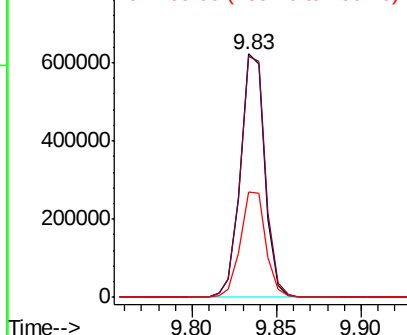
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 624720
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.4 122.0
 160 43.3 35.7 53.5

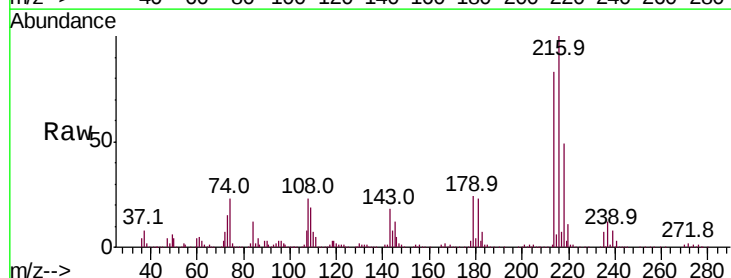


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

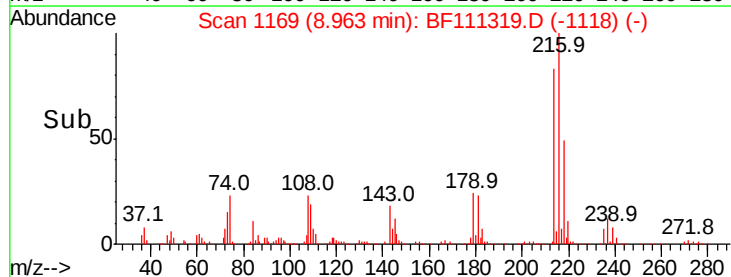
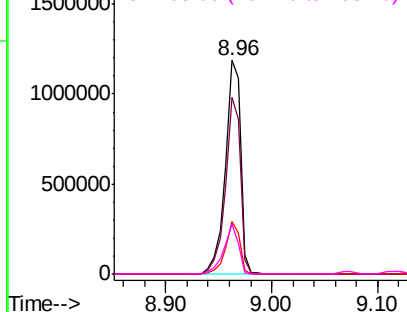


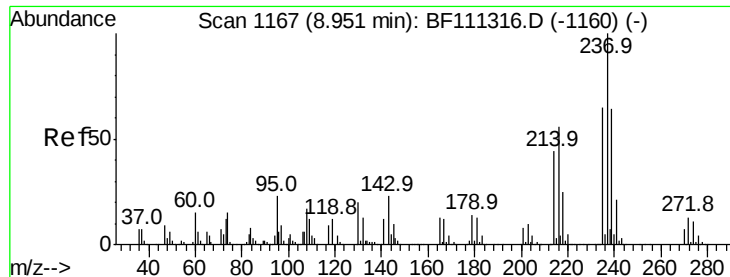
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 68.507 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:216 Resp: 1190864
 Ion Ratio Lower Upper
 216 100
 214 80.7 63.8 95.8
 179 23.1 17.9 26.9
 108 22.5 18.4 27.6



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

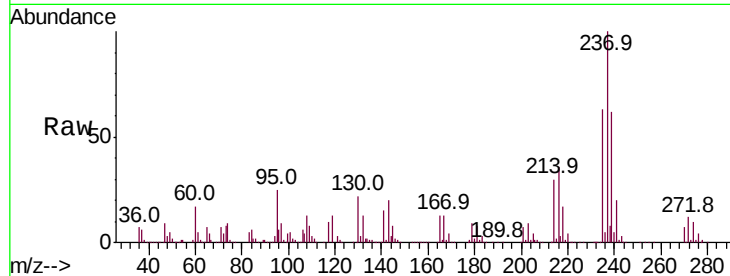




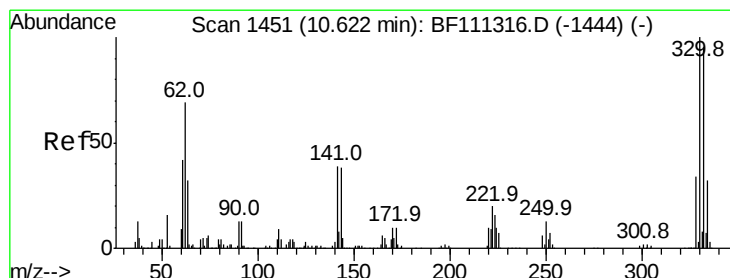
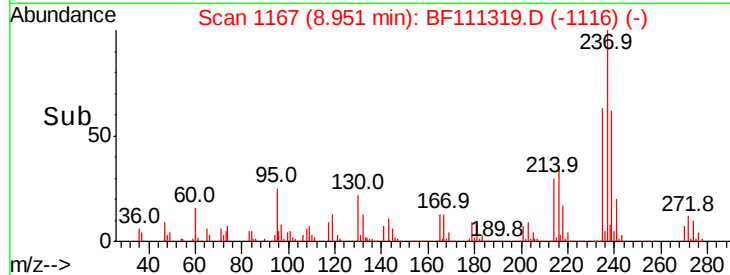
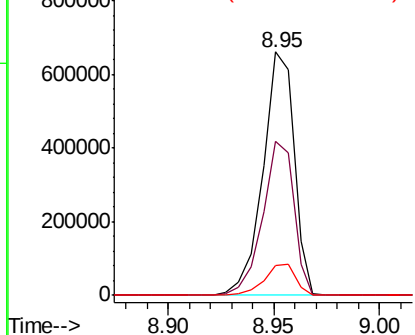
#41
Hexachlorocyclopentadiene
Concen: 68.880 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	12.3	0.0	33.0

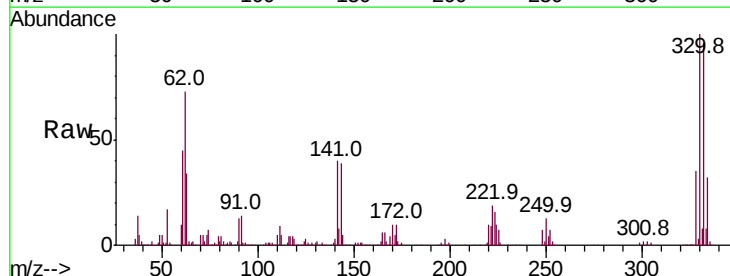


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

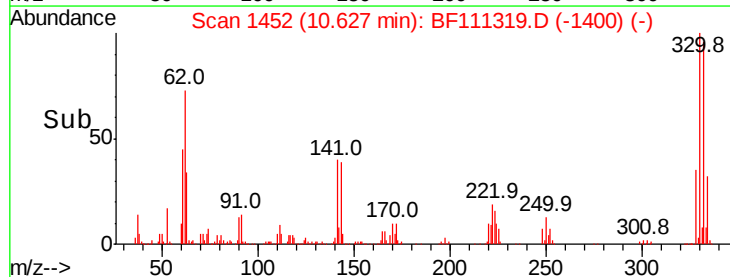
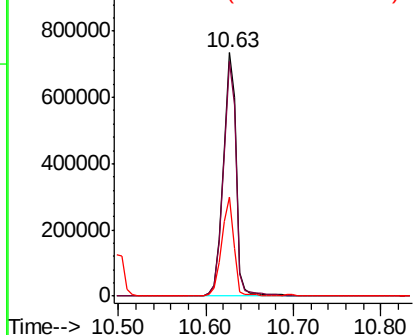


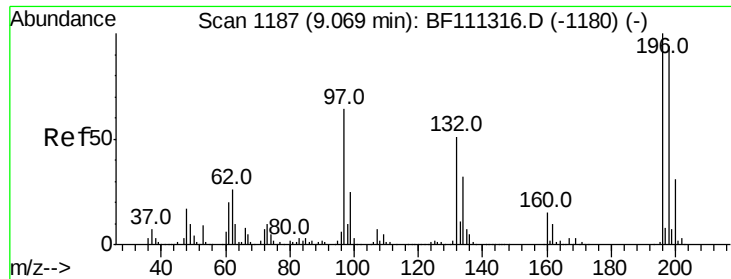
#42
2,4,6-Tribromophenol
Concen: 136.924 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	38.9	31.0	46.6



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

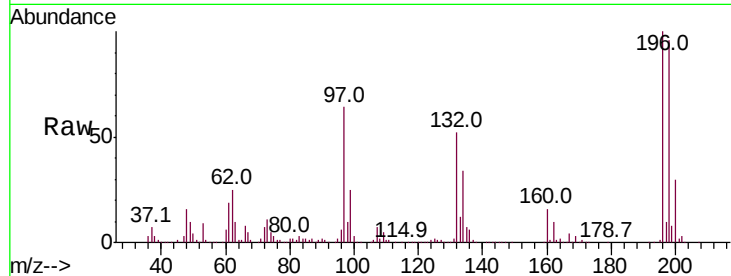




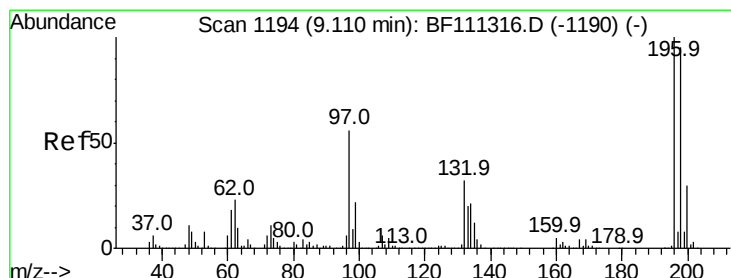
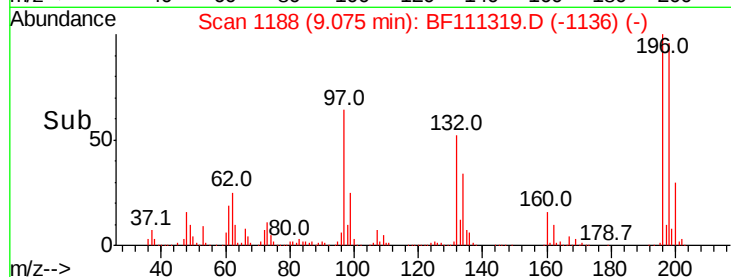
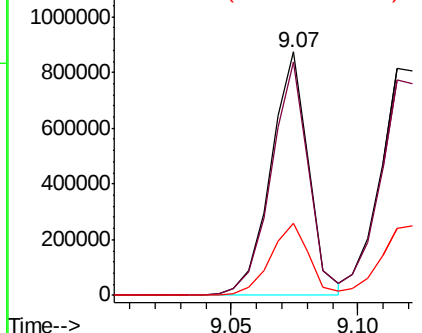
#43
 2,4,6-Trichlorophenol
 Concen: 69.538 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 907347
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 29.8 24.9 37.3

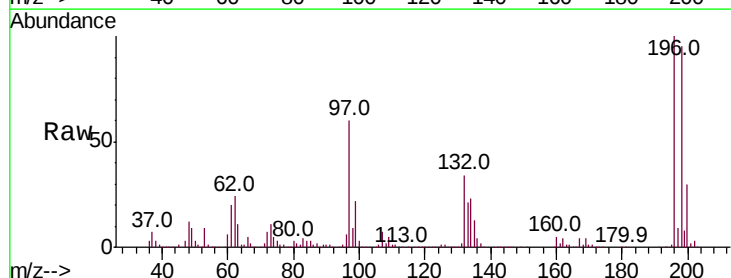


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

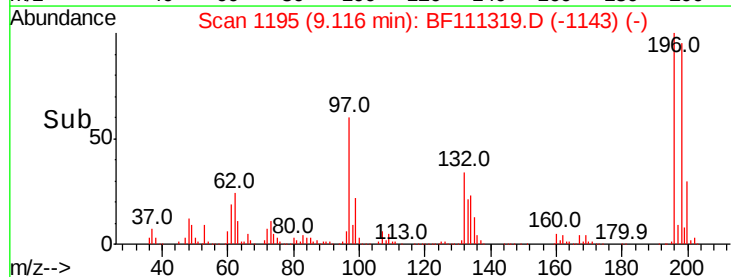
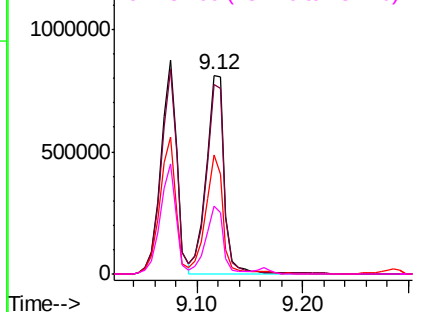


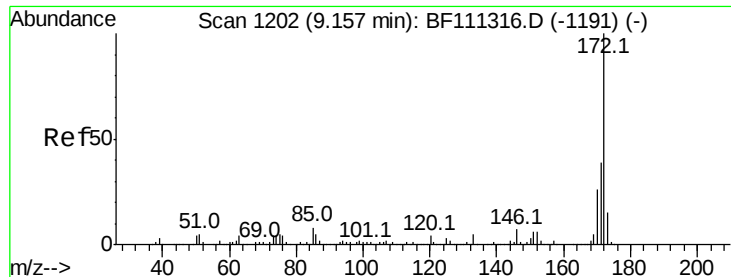
#44
 2,4,5-Trichlorophenol
 Concen: 71.447 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:196 Resp: 971145
 Ion Ratio Lower Upper
 196 100
 198 95.0 72.9 109.3
 97 59.7 45.3 67.9
 132 34.4 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

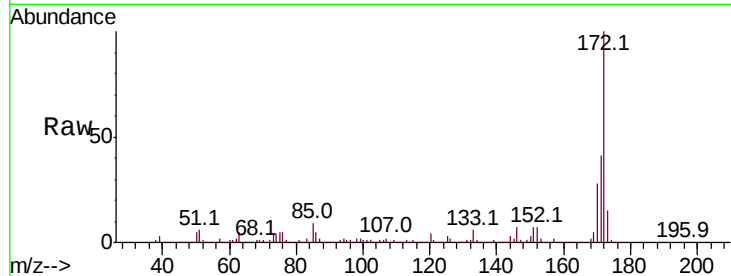




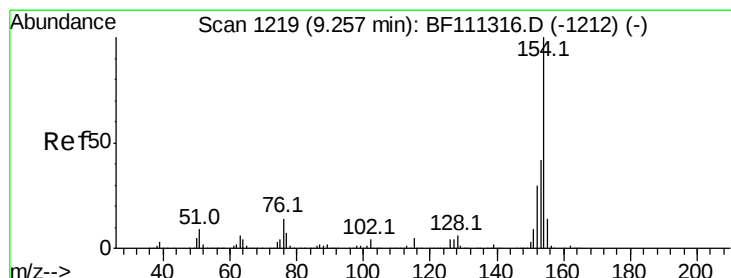
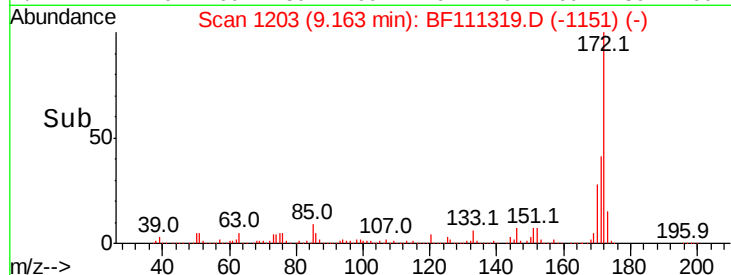
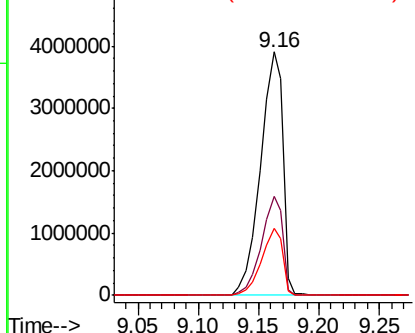
#45
2-Fluorobiphenyl
Concen: 128.122 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 5074068
Ion Ratio Lower Upper
172 100
171 40.6 33.0 49.4
170 27.7 22.3 33.5

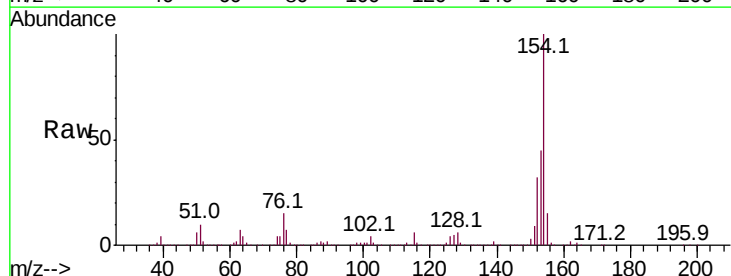


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

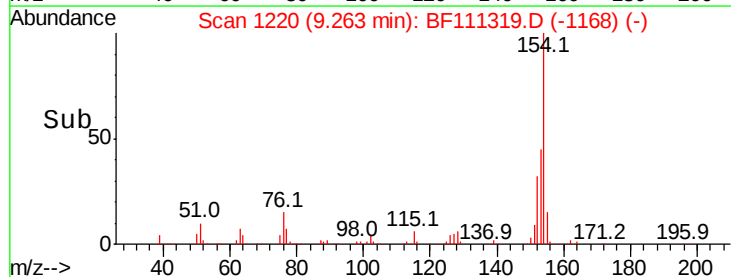
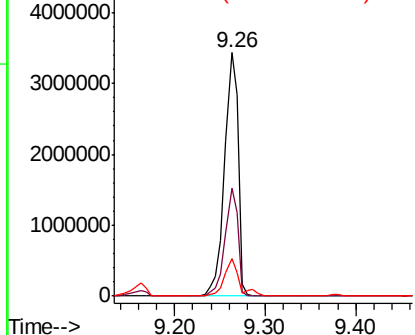


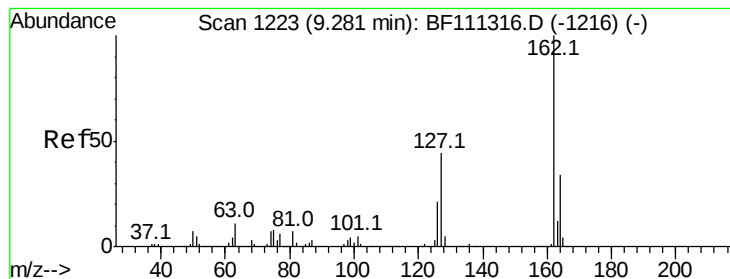
#46
1,1'-Biphenyl
Concen: 66.903 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:154 Resp: 3513380
Ion Ratio Lower Upper
154 100
153 44.5 23.7 63.7
76 15.2 0.0 35.0



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





#47

2-Chloronaphthalene

Concen: 68.572 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

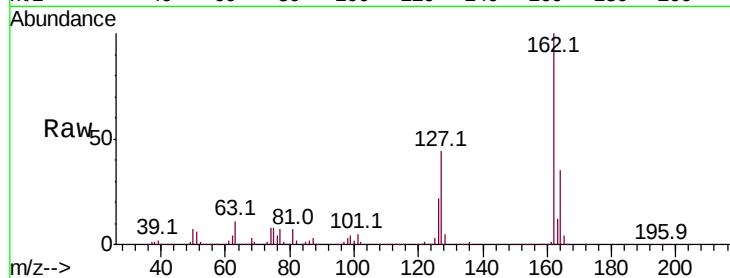
Tot Ion:162 Resp: 2802983

Ion Ratio Lower Upper

162 100

127 44.4 35.0 52.4

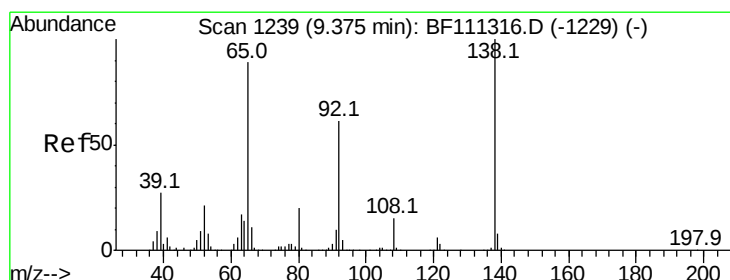
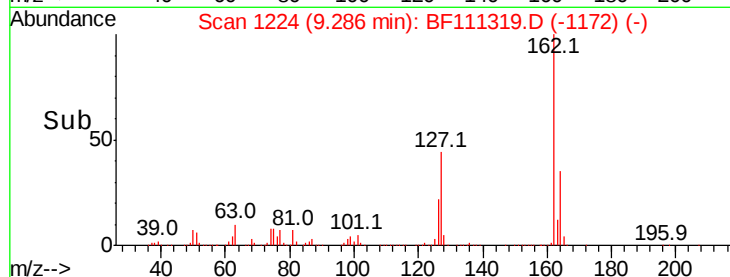
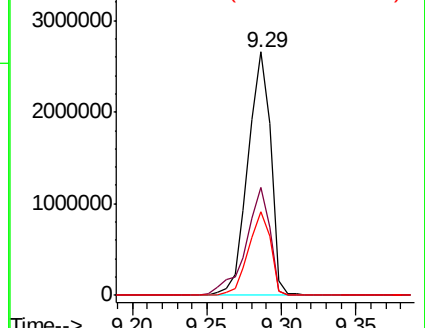
164 34.6 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 71.905 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

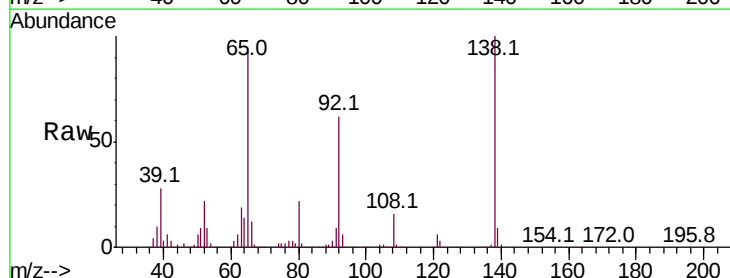
Tgt Ion: 65 Resp: 1002655

Ion Ratio Lower Upper

65 100

92 67.3 53.5 80.3

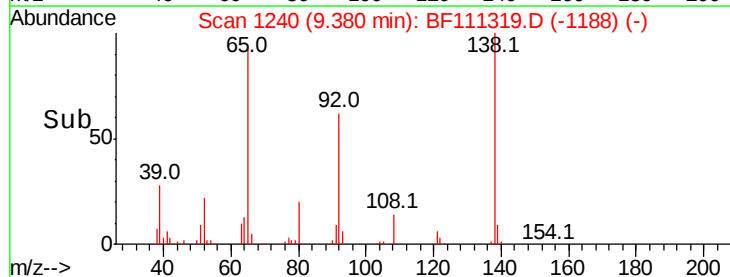
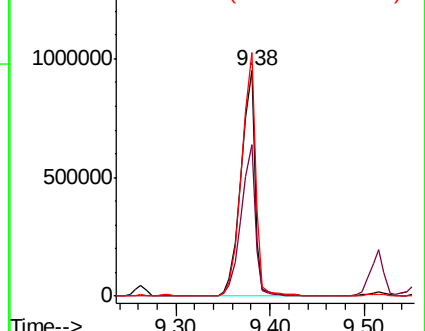
138 108.0 80.9 121.3

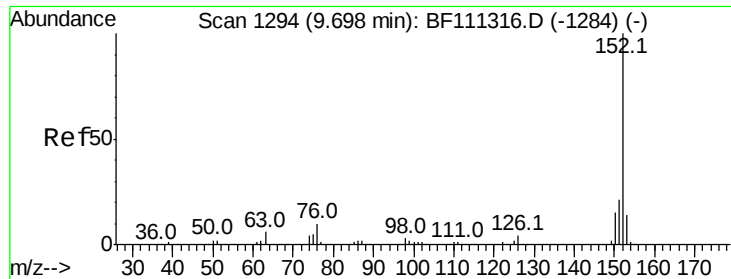


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 66.392 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

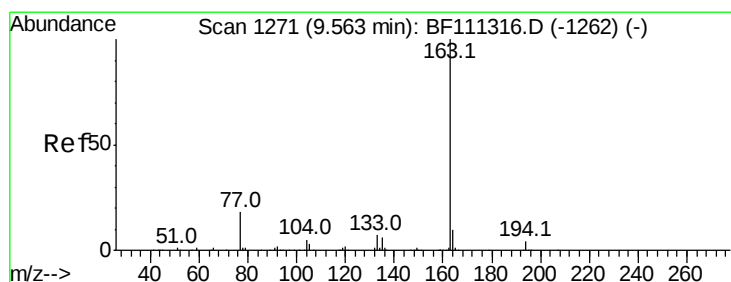
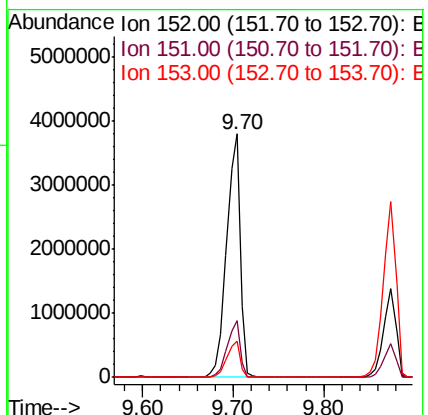
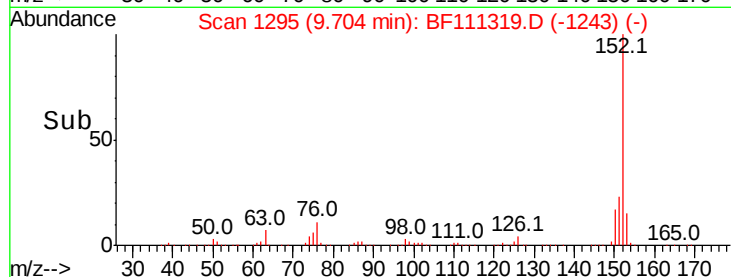
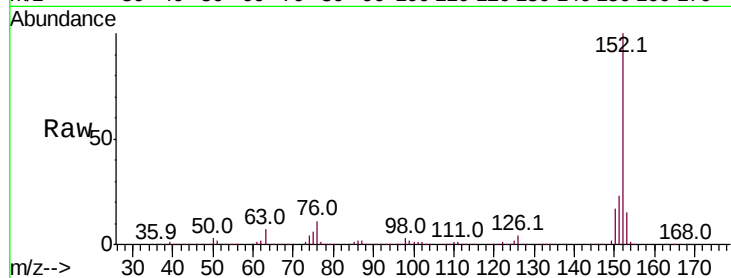
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3939813

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.0	27.0
153	15.0	12.3	18.5



#50

Dimethylphthalate

Concen: 68.233 ng

RT: 9.57 min Scan# 1273

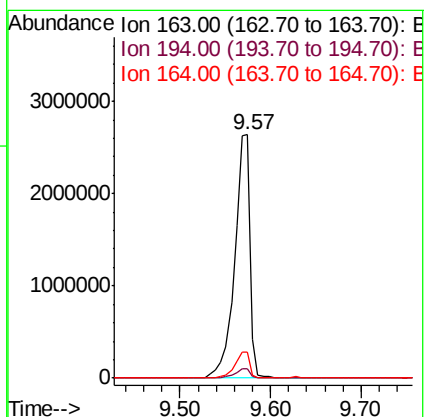
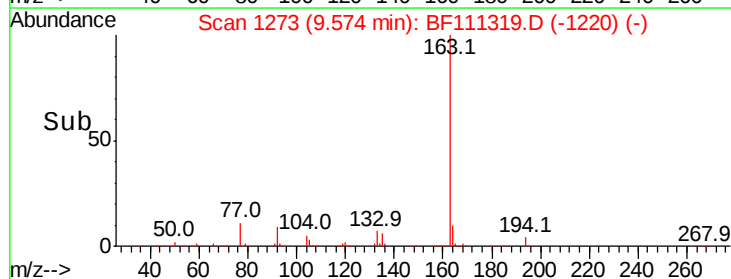
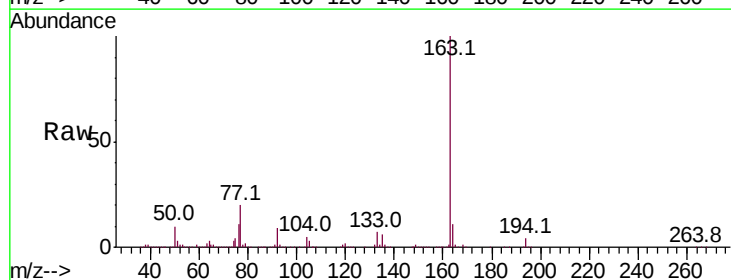
Delta R.T. 0.01 min

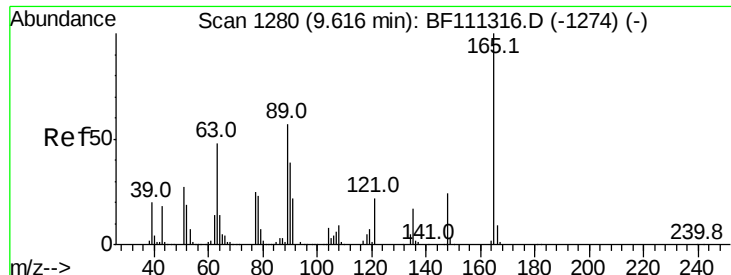
Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:163 Resp: 3145219

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.6	8.9	13.3

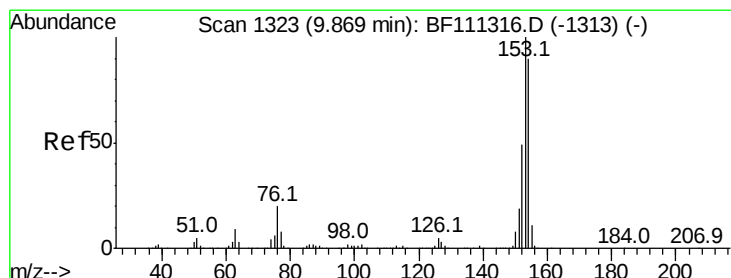
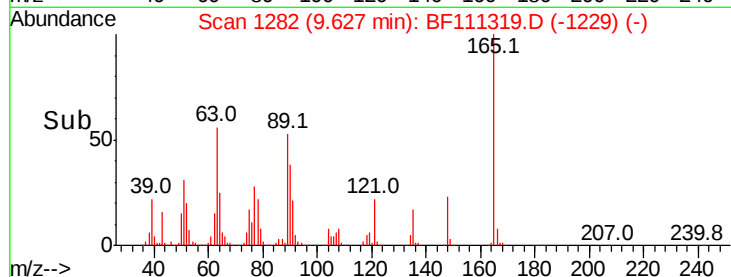
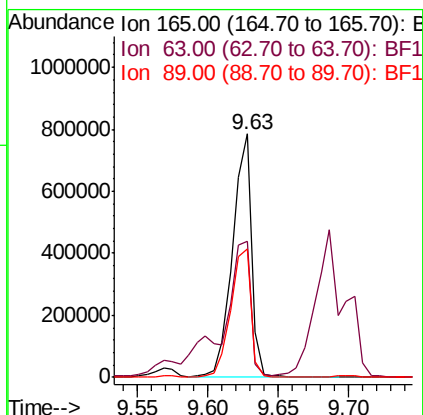
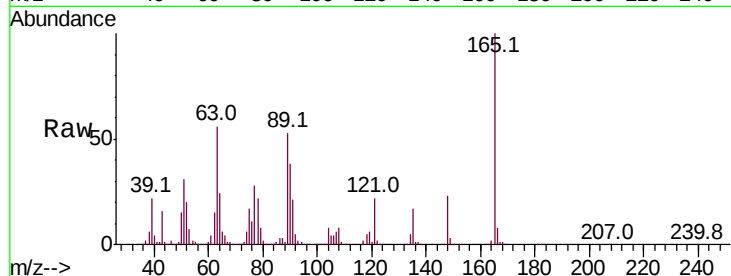




#51
 2,6-Dinitrotoluene
 Concen: 72.681 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

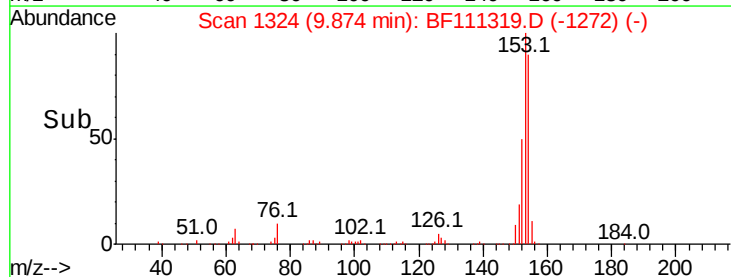
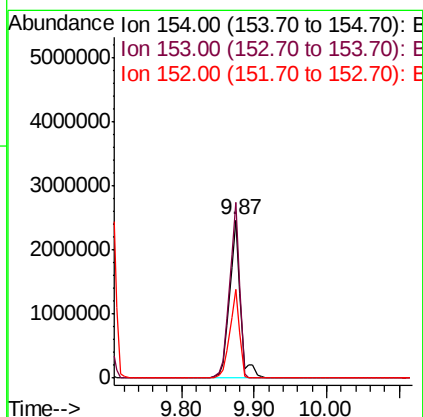
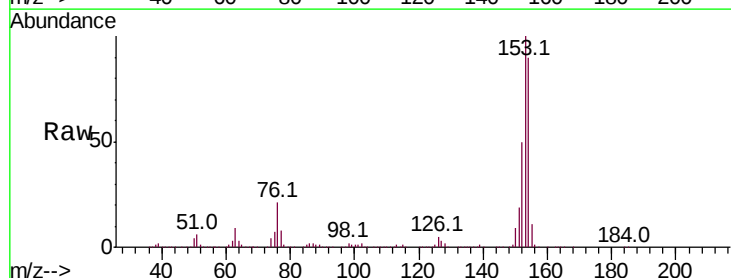
Instrument :
 BNA_F
 ClientSampleId :

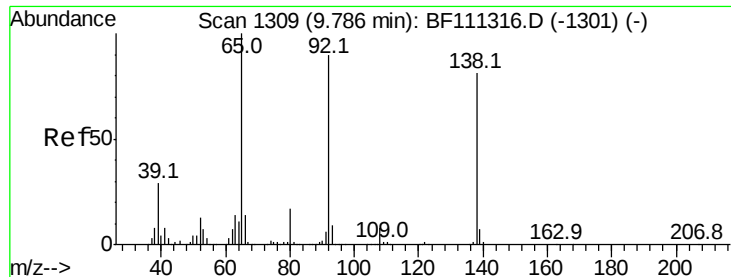
Tot Ion:165 Resp: 739876
 Ion Ratio Lower Upper
 165 100
 63 55.7 40.5 60.7
 89 52.9 40.0 60.0



#52
 Acenaphthene
 Concen: 69.653 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:154 Resp: 2593857
 Ion Ratio Lower Upper
 154 100
 153 111.0 87.8 131.8
 152 55.6 43.4 65.2

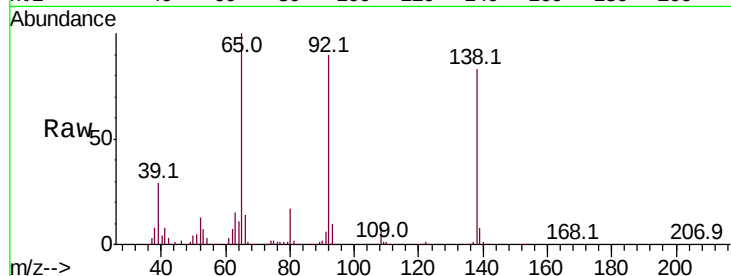




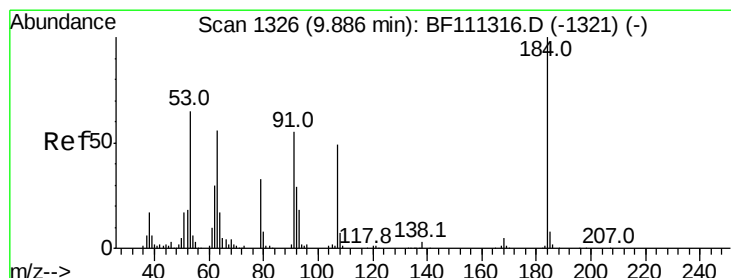
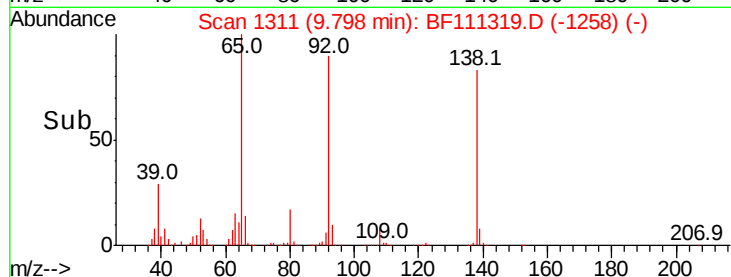
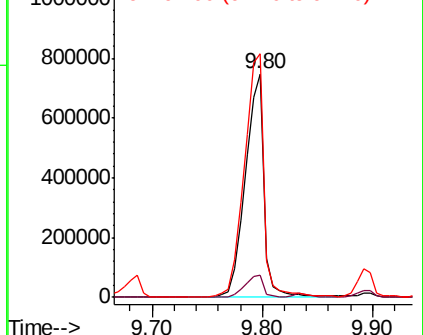
#53
3-Nitroaniline
Concen: 71.153 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 894039
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 108.9 93.4 140.2

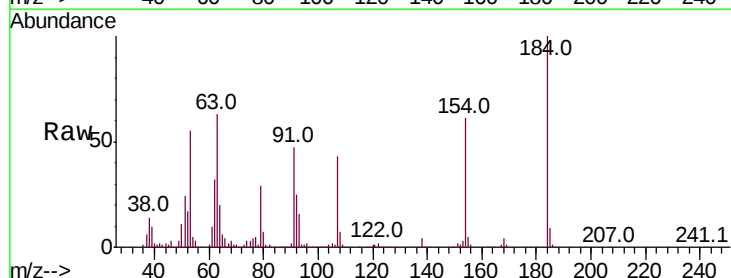


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

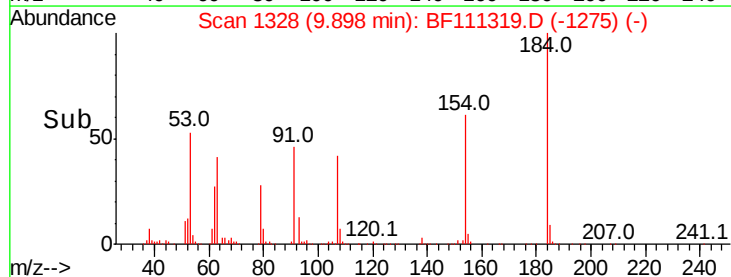
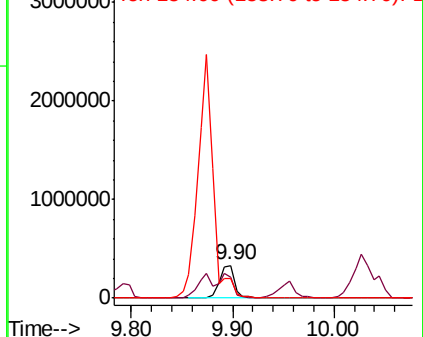


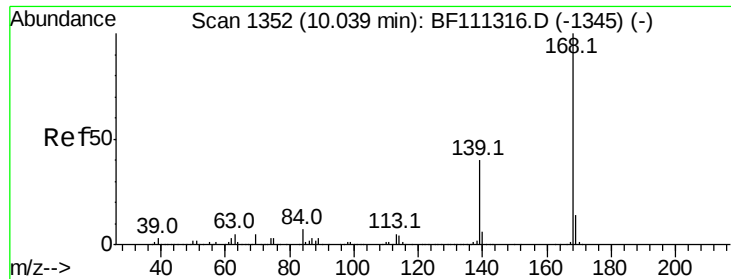
#54
2,4-Dinitrophenol
Concen: 86.436 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:184 Resp: 347707
Ion Ratio Lower Upper
184 100
63 62.7 62.3 93.5
154 61.1 56.2 84.2



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

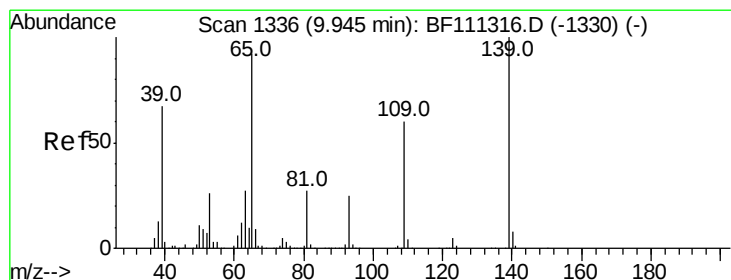
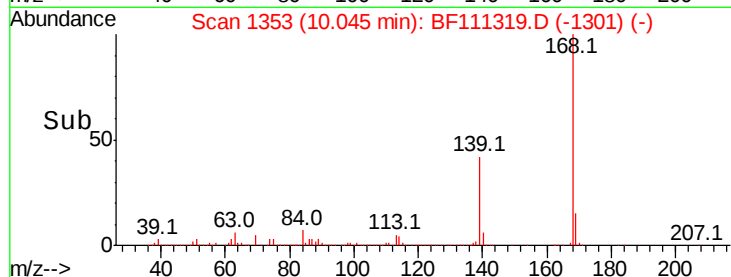
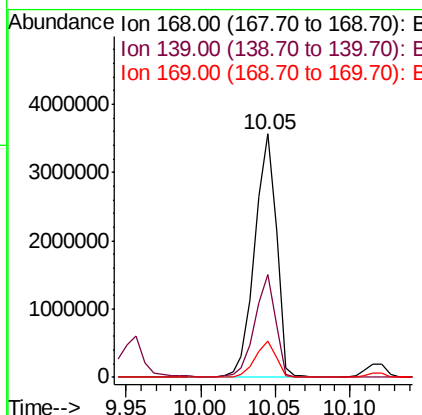
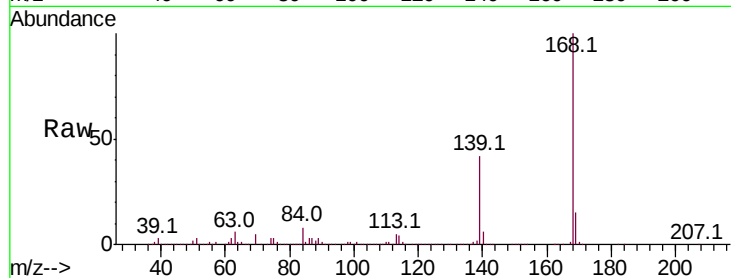




#55
Dibenzofuran
Concen: 70.377 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

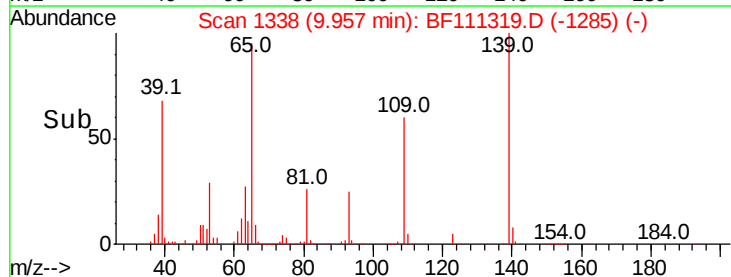
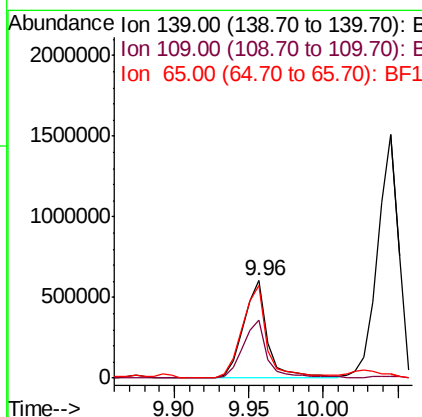
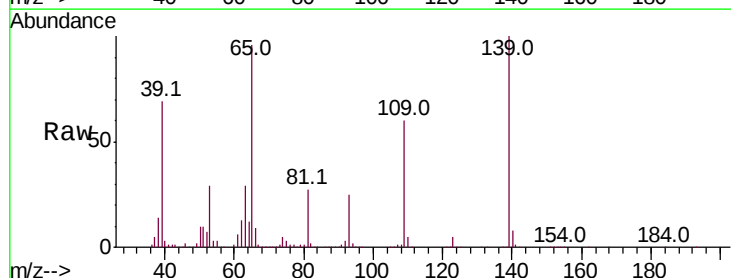
Instrument :
BNA_F
ClientSampled :

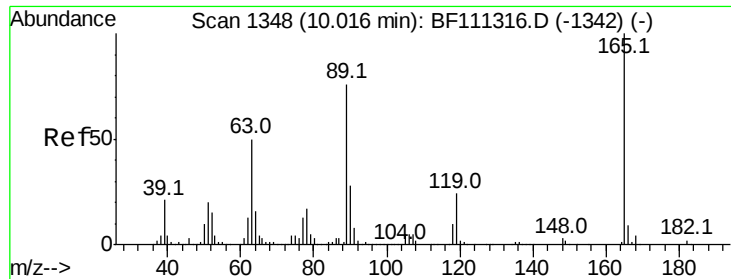
Tot Ion:168 Resp: 3565506
Ion Ratio Lower Upper
168 100
139 42.3 32.6 49.0
169 14.9 11.8 17.6



#56
4-Nitrophenol
Concen: 69.169 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:139 Resp: 676882
Ion Ratio Lower Upper
139 100
109 60.0 41.8 81.8
65 95.6 79.6 119.6

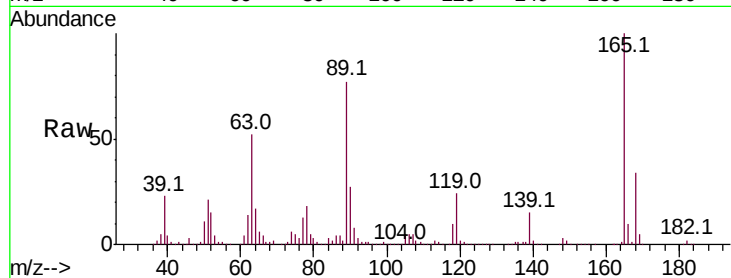




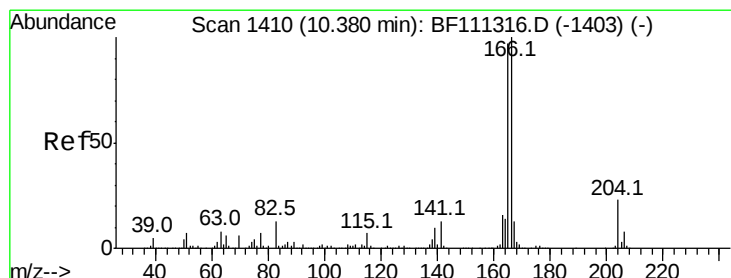
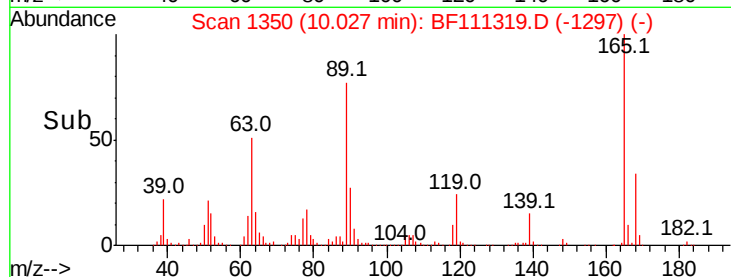
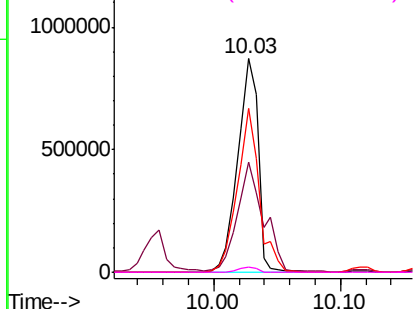
#57
2,4-Dinitrotoluene
Concen: 76.910 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	34.6	52.0
89	76.5	56.2	84.4
182	2.4	1.8	2.6

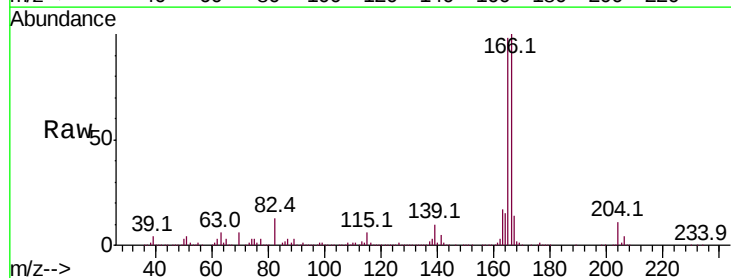


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

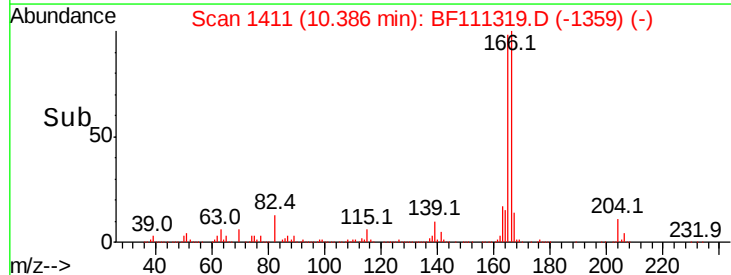
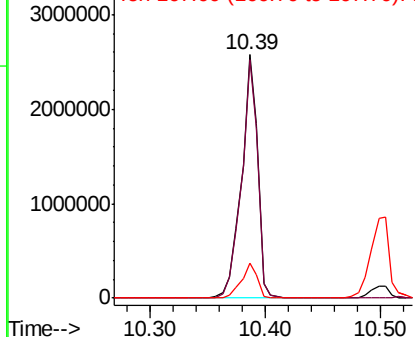


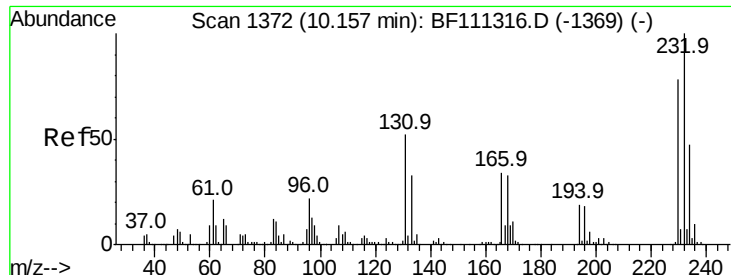
#58
Fluorene
Concen: 63.755 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	14.4	11.2	16.8



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

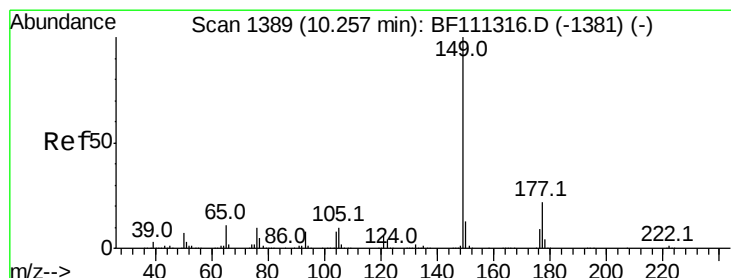
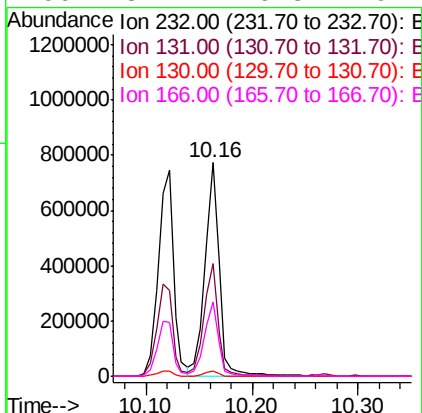
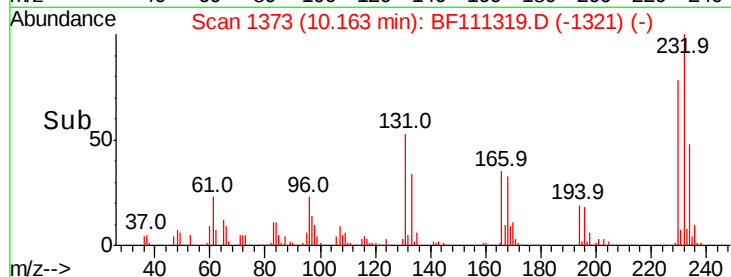
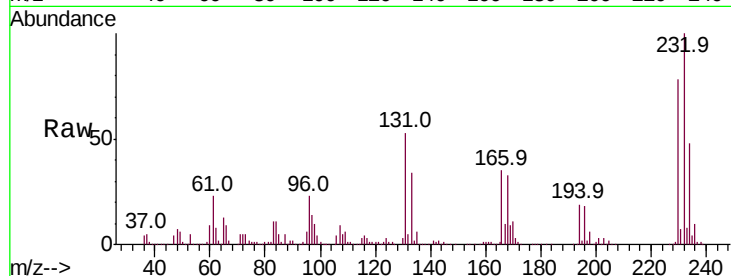




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 69.942 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

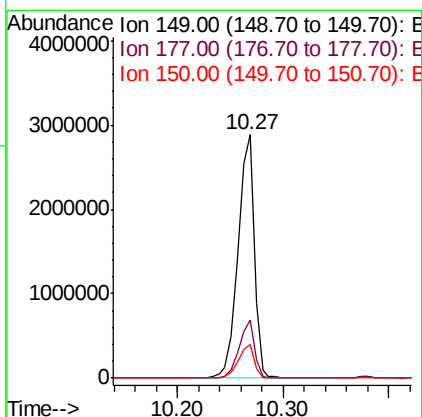
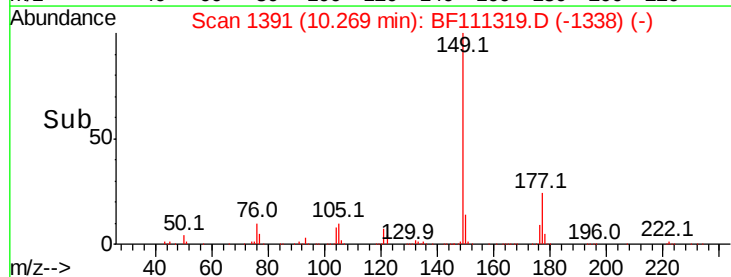
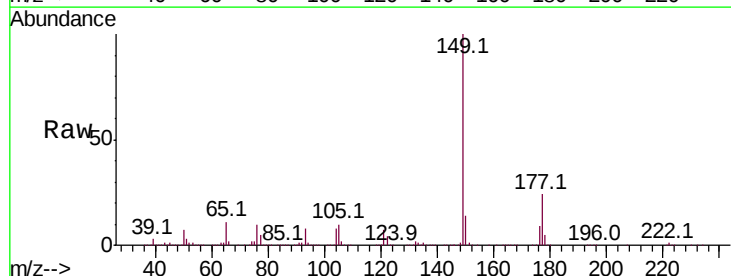
Instrument :
 BNA_F
 ClientSampled :

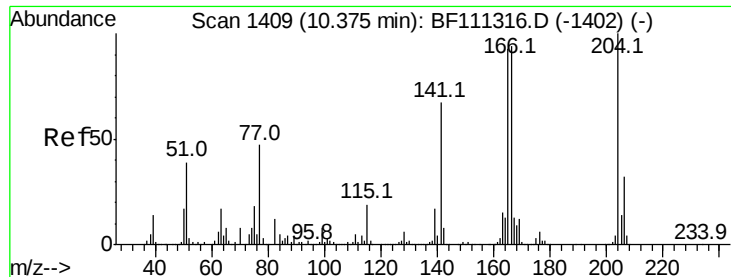
Tot Ion:232 Resp: 720623
 Ion Ratio Lower Upper
 232 100
 131 52.1 40.9 61.3
 130 2.4 2.0 3.0
 166 34.2 26.8 40.2



#60
 Diethylphthalate
 Concen: 68.942 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:149 Resp: 3029700
 Ion Ratio Lower Upper
 149 100
 177 24.0 18.3 27.5
 150 13.6 10.6 15.8

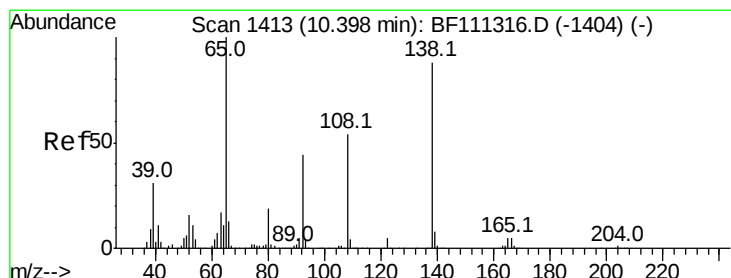
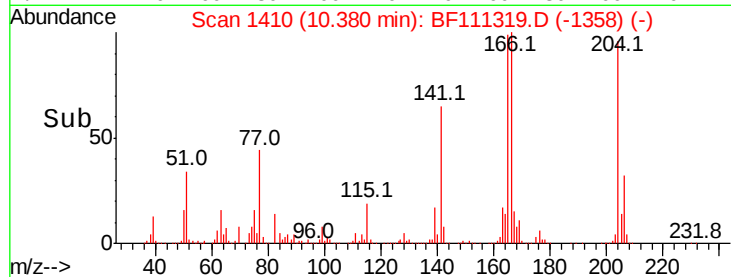
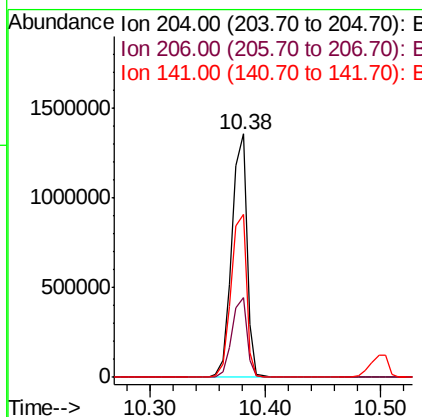
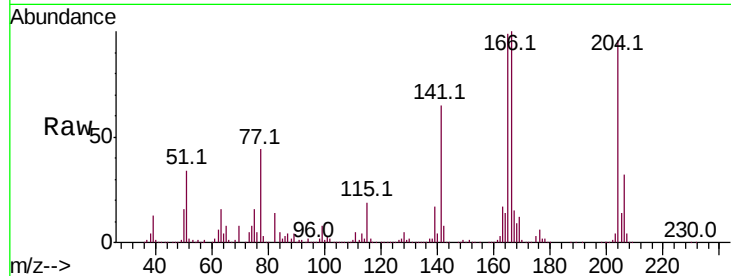




#61
 4-Chlorophenyl-phenylether
 Concen: 63.389 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

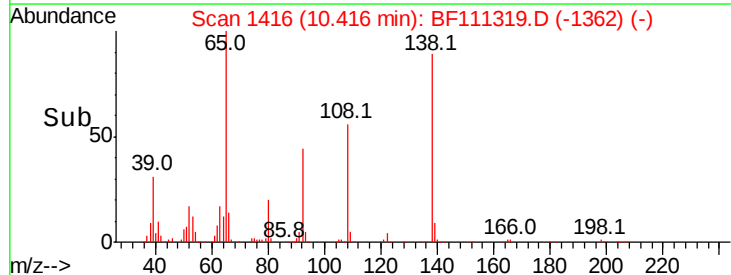
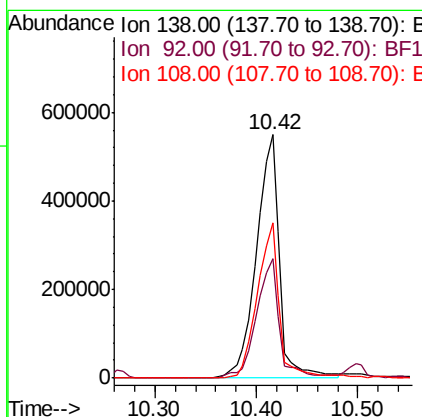
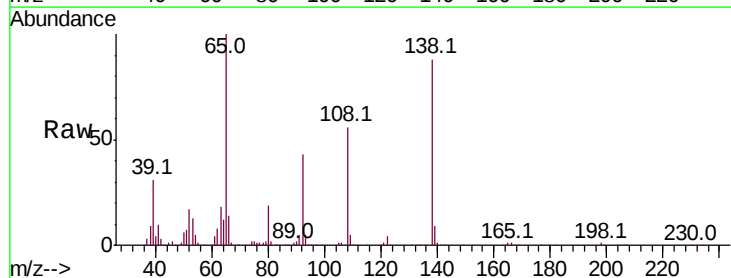
Instrument :
 BNA_F
 ClientSampled :

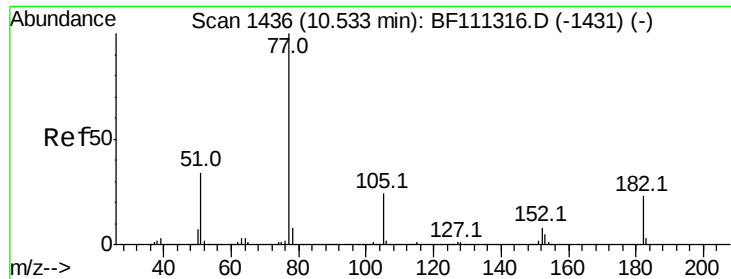
Tot Ion:204 Resp: 1233916
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 67.2 52.6 78.8



#62
 4-Nitroaniline
 Concen: 73.250 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.02 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:138 Resp: 870856
 Ion Ratio Lower Upper
 138 100
 92 49.2 29.9 69.9
 108 63.9 43.2 83.2





#63

Azobenzene

Concen: 69.119 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

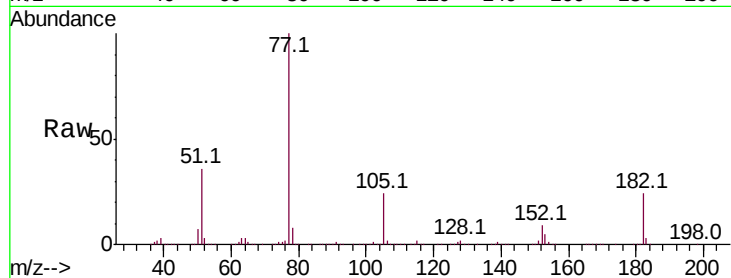
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3153607

Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.9	44.9
105	24.3	6.0	46.0
51	36.4	14.7	54.7

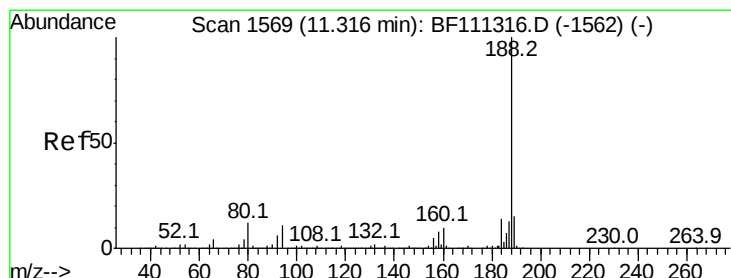
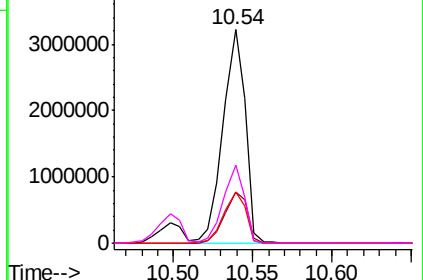
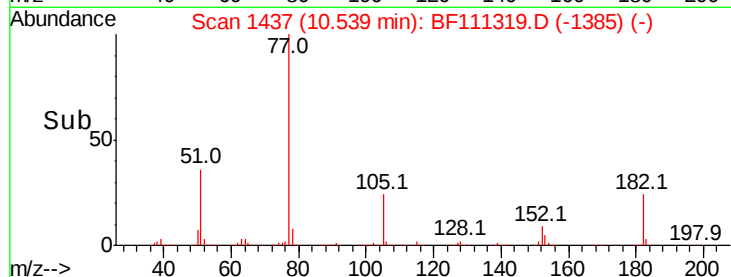


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1569

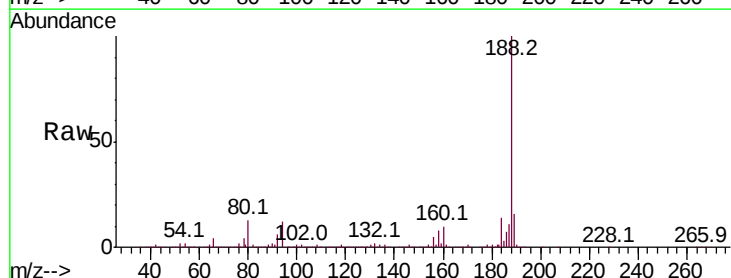
Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion: 188 Resp: 1041986

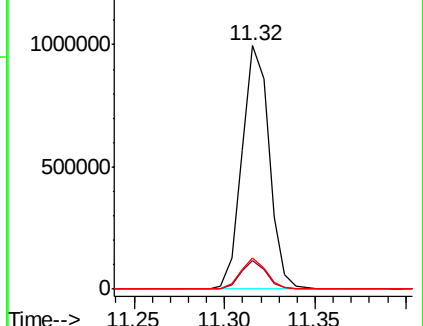
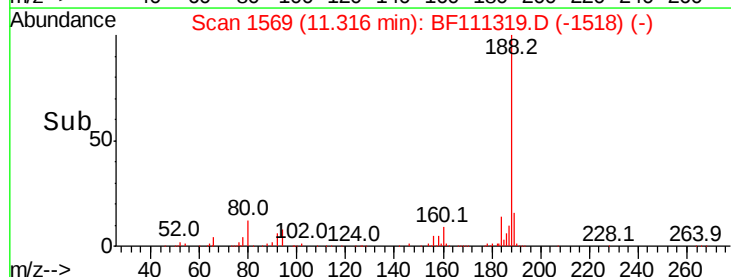
Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.6	14.4
80	12.5	9.8	14.6

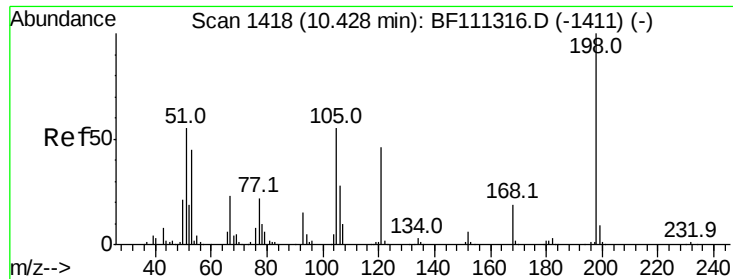


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

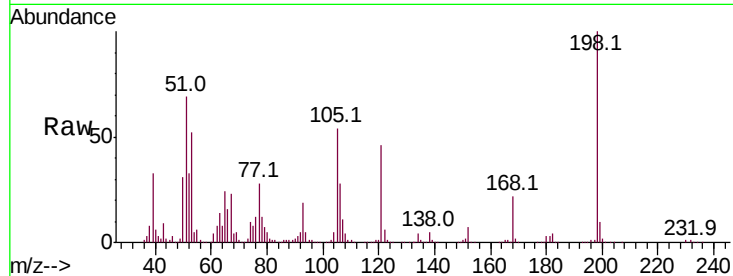




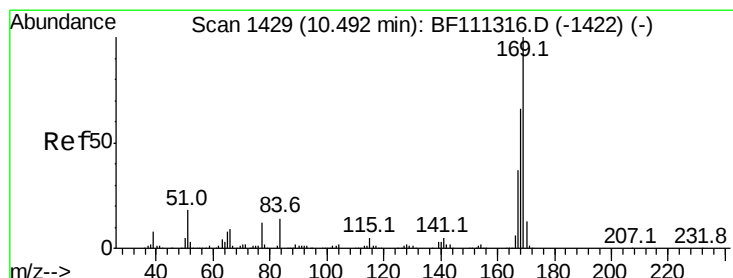
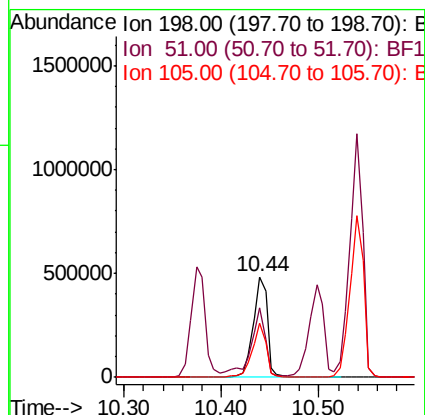
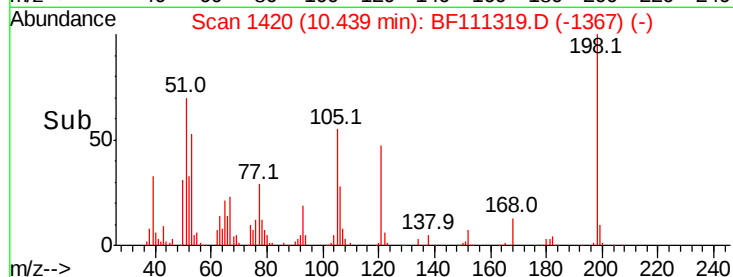
#65
4,6-Dinitro-2-methylphenol
Concen: 88.913 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 499891
Ion Ratio Lower Upper
198 100
51 68.9 48.0 88.0
105 53.8 34.0 74.0

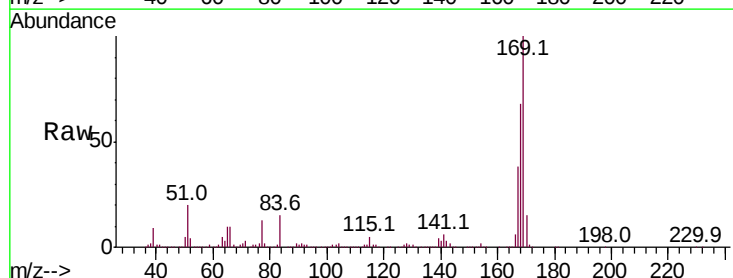


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

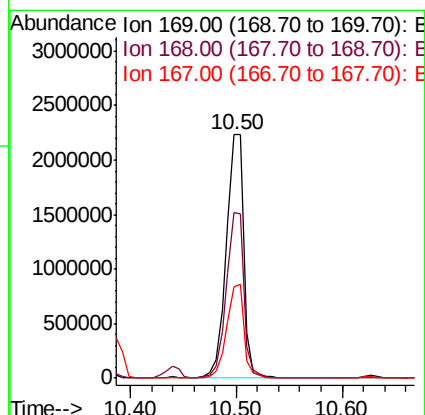
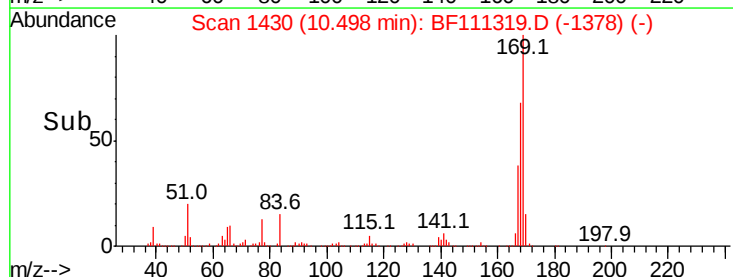


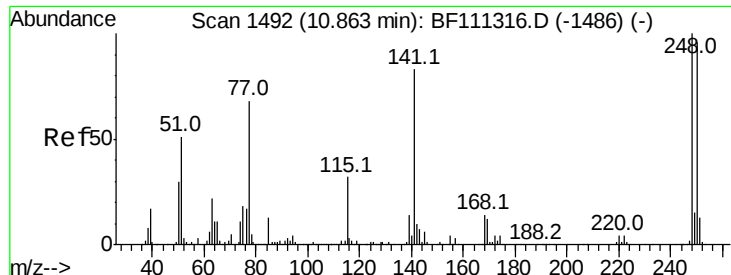
#66
n-Nitrosodiphenylamine
Concen: 72.413 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:169 Resp: 2568485
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 37.8 30.5 45.7



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

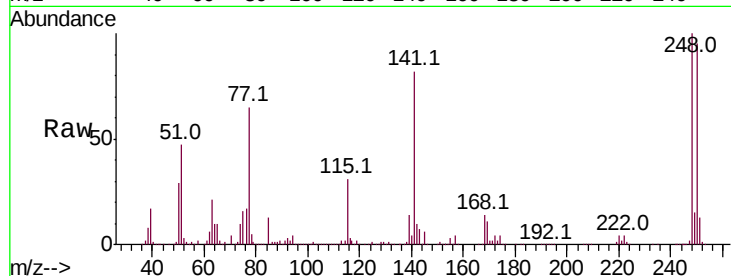




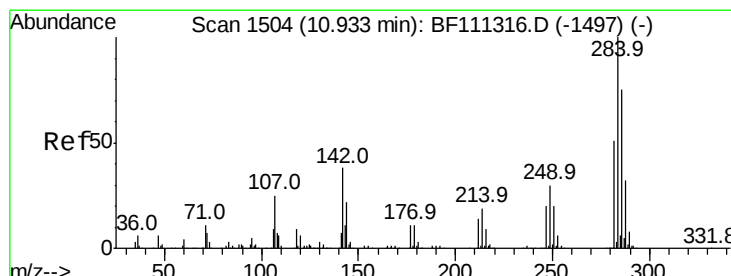
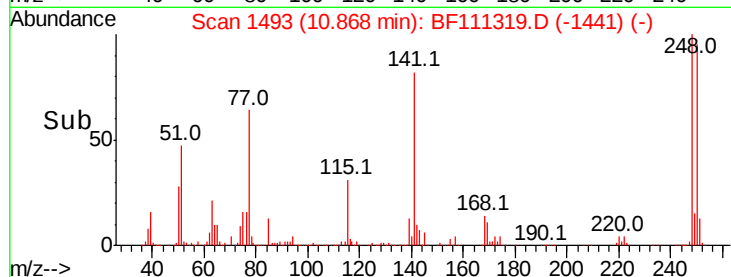
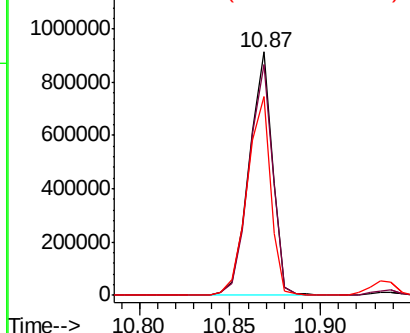
#67
4-Bromophenyl-phenylether
Concen: 71.585 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 816976
Ion Ratio Lower Upper
248 100
250 95.0 77.0 115.4
141 81.7 63.0 94.6

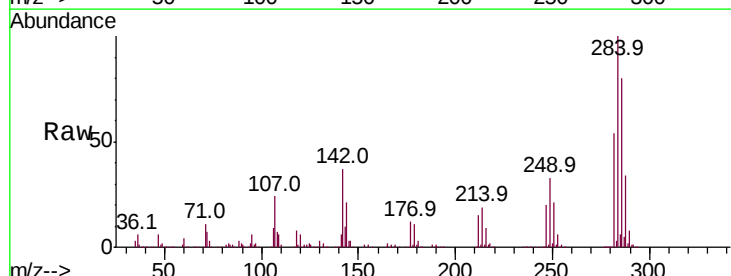


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

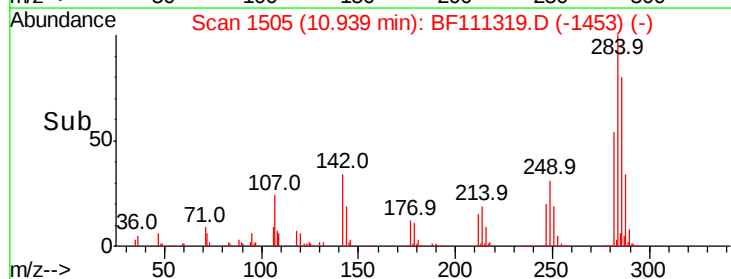
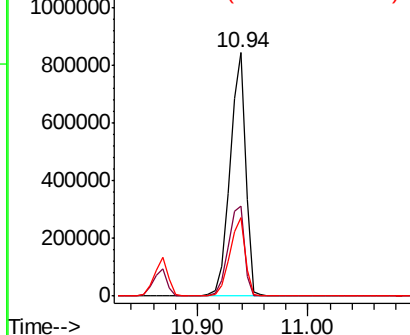


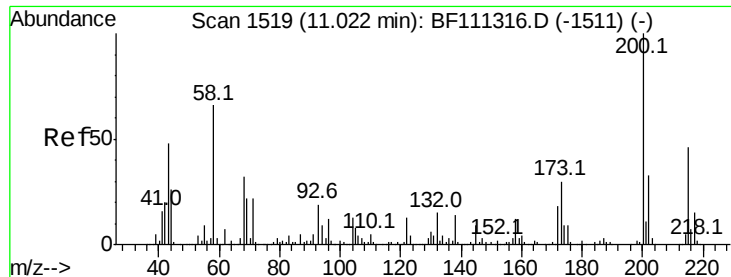
#68
Hexachlorobenzene
Concen: 72.386 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:284 Resp: 840387
Ion Ratio Lower Upper
284 100
142 36.9 27.4 41.2
249 32.5 24.4 36.6



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

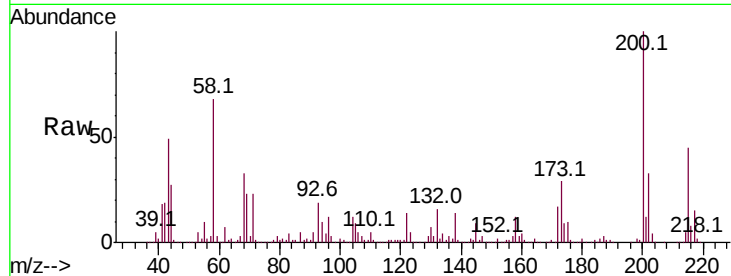




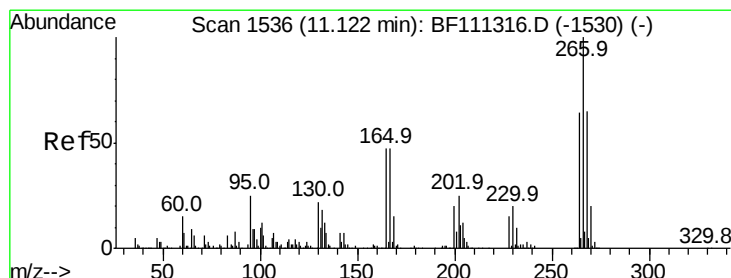
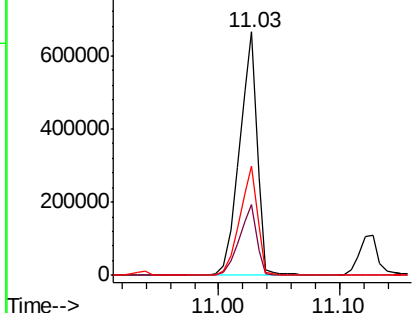
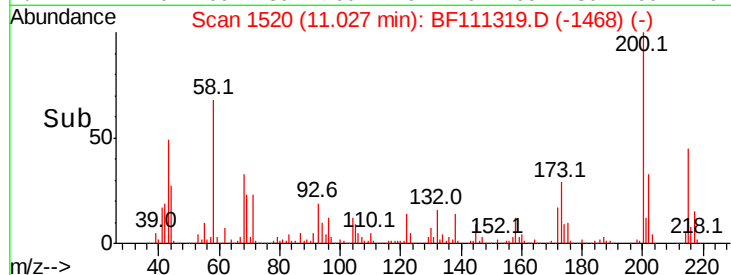
#69
Atrazine
Concen: 63.100 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	44.8	26.9	66.9

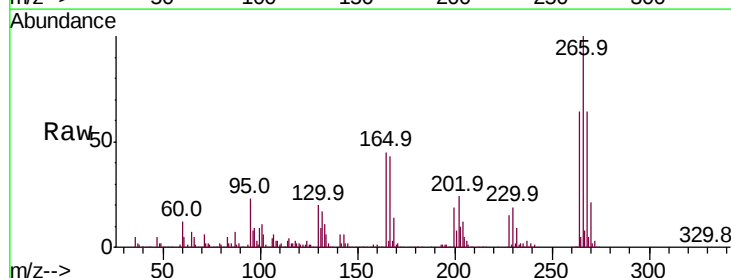


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

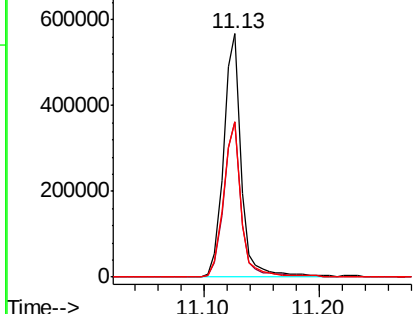
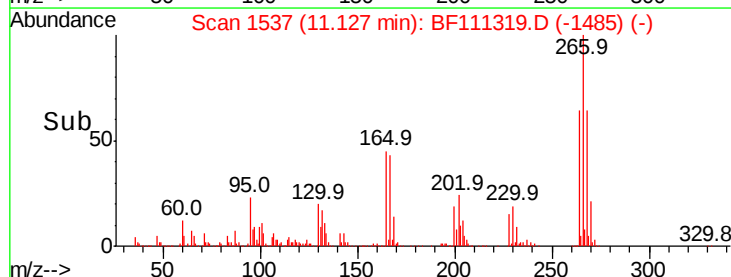


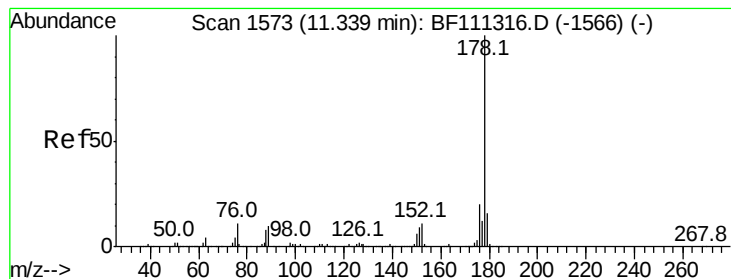
#70
Pentachlorophenol
Concen: 71.718 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	47.9	71.9
264	63.7	49.1	73.7



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: 68.690 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

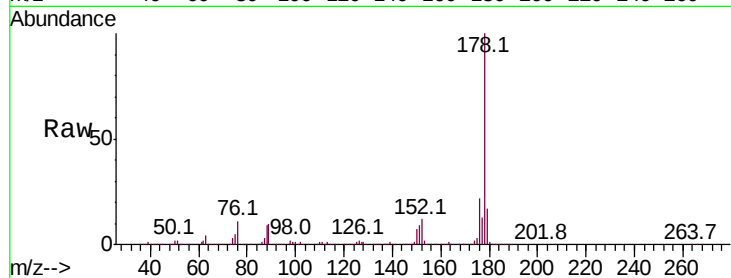
Tot Ion:178 Resp: 3610104

Ion Ratio Lower Upper

178 100

176 21.7 18.1 27.1

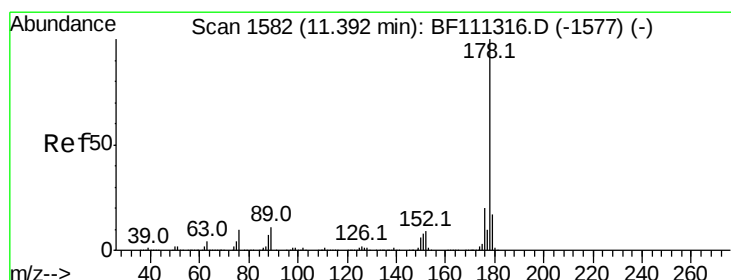
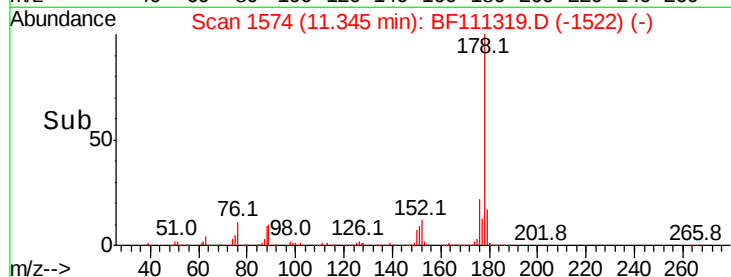
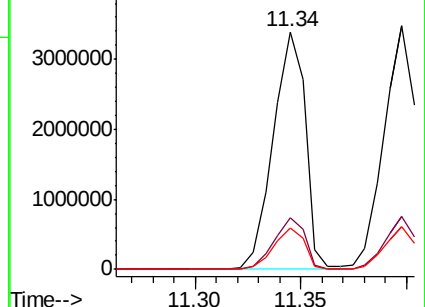
179 17.2 14.0 21.0



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: 66.193 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

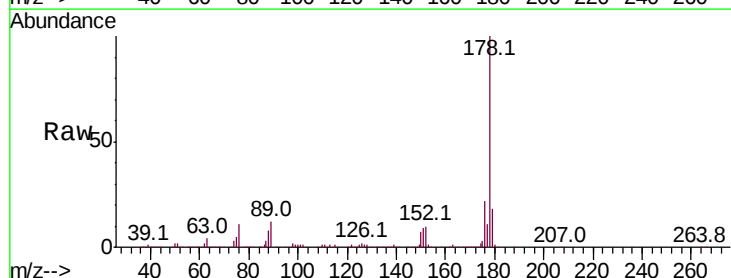
Tgt Ion:178 Resp: 3639622

Ion Ratio Lower Upper

178 100

176 21.8 17.2 25.8

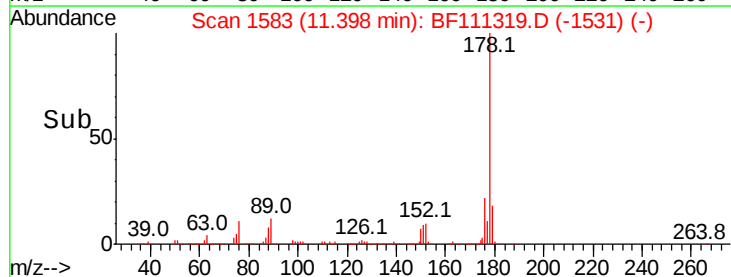
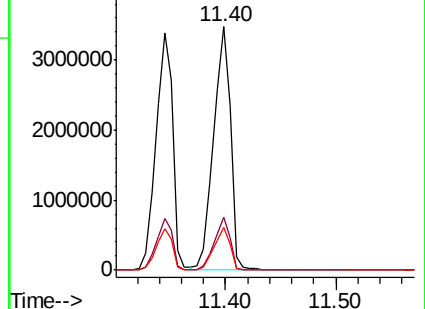
179 17.5 13.8 20.8

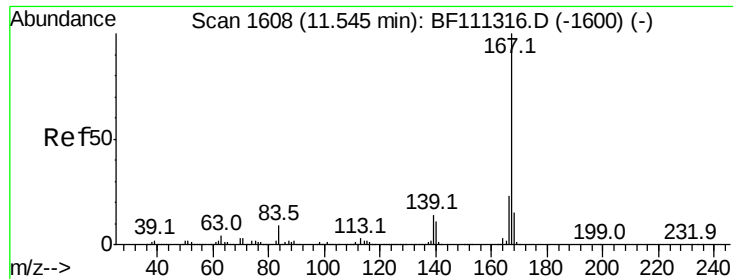


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



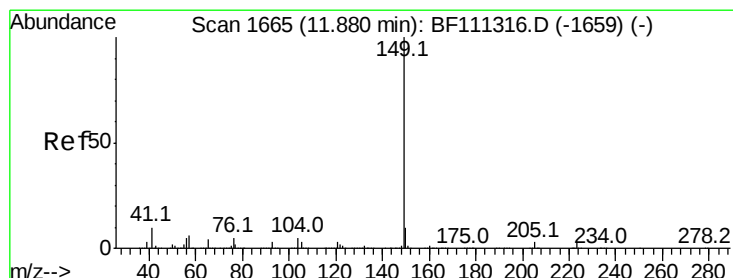
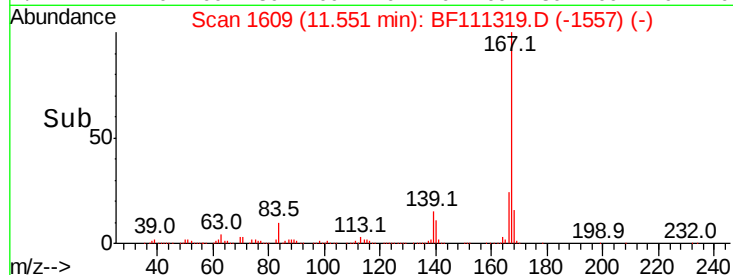
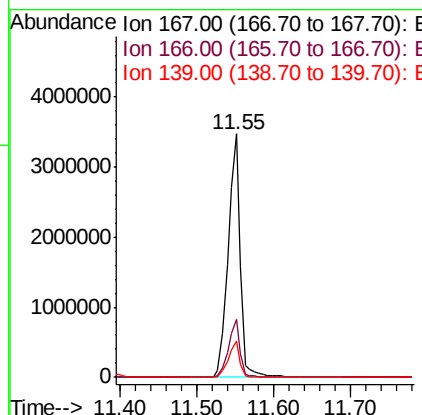
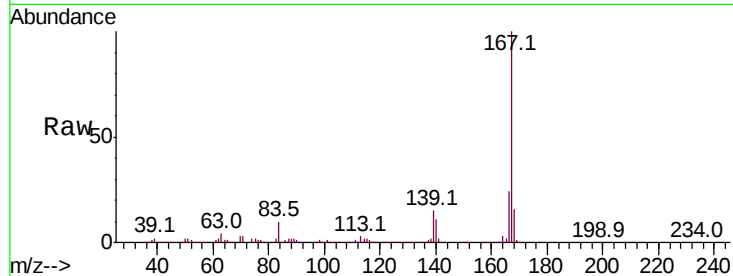


#73
 Carbazole
 Concen: 66.145 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3802994

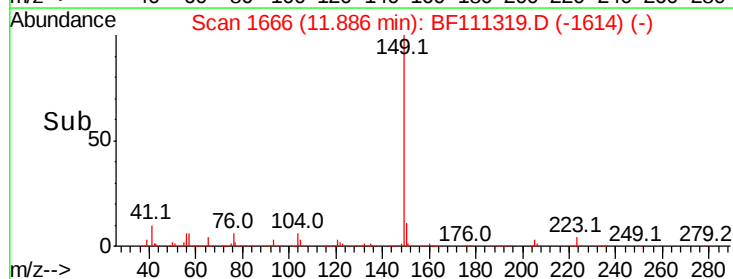
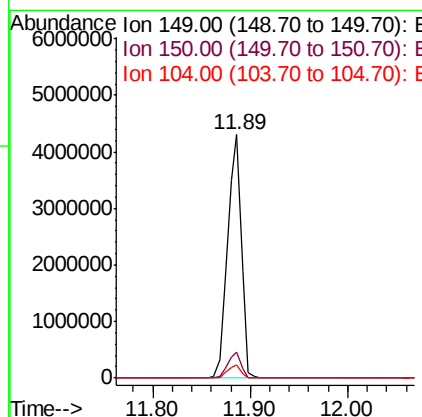
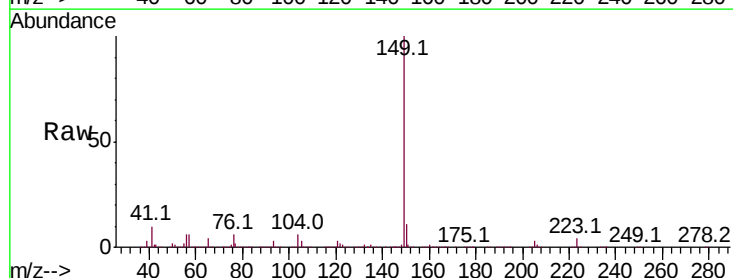
Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.3	28.9
139	15.0	11.9	17.9

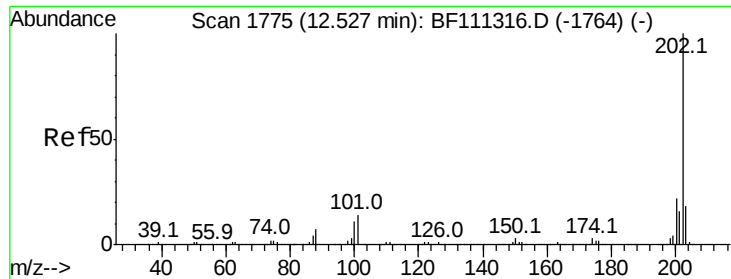


#74
 Di-n-butylphthalate
 Concen: 71.224 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111319.D
 Acq: 12 Dec 2018 12:32

Tgt Ion:149 Resp: 4209046

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.8	13.2
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 71.684 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

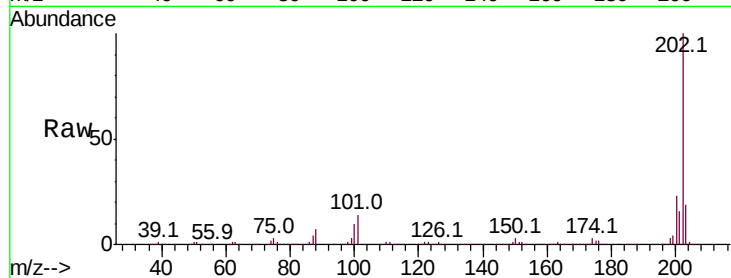
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 3441547

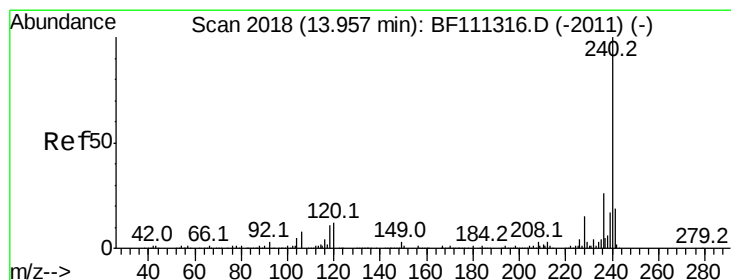
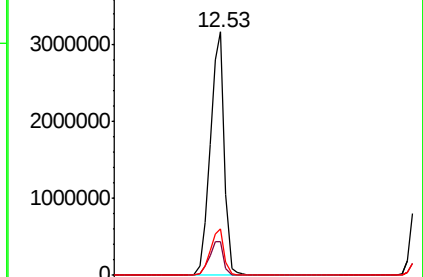
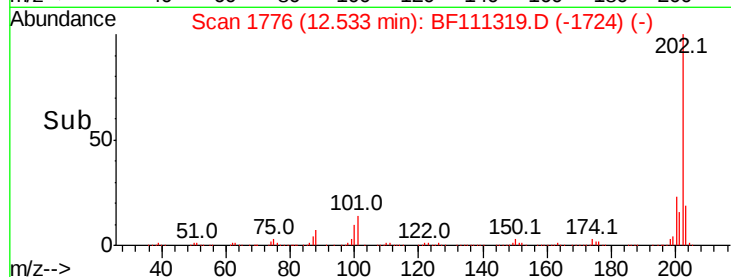
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.8
203	18.9	0.0	38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

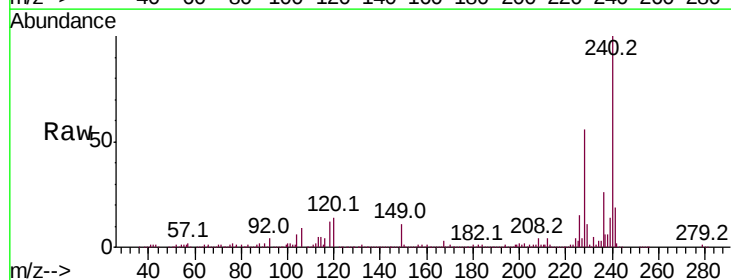
Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Tgt Ion:240 Resp: 581117

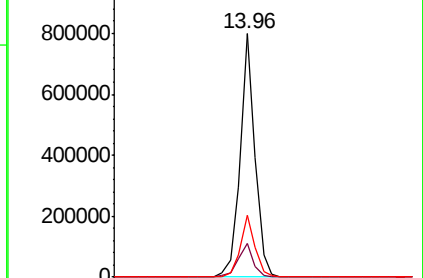
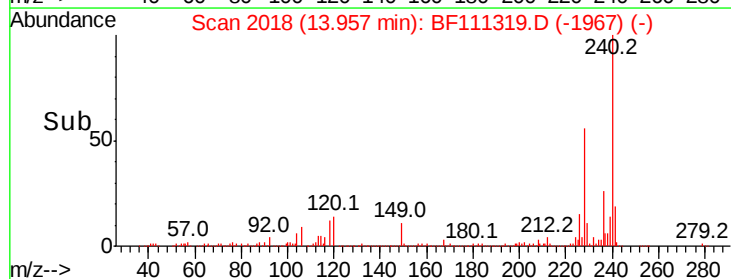
Ion	Ratio	Lower	Upper
240	100		
120	13.7	12.2	18.2
236	25.5	20.2	30.2

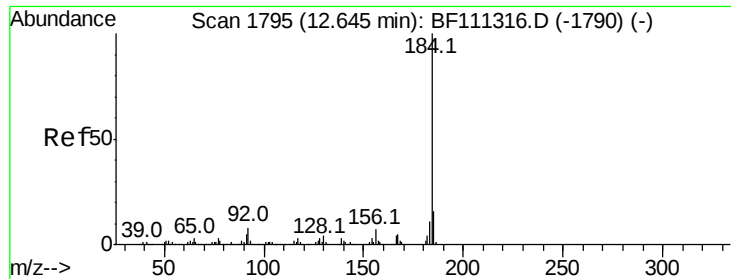


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.832 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.26 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampled :

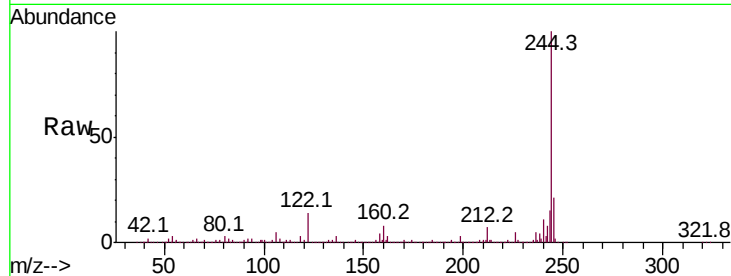
Tot Ion:184 Resp: 48861

Ion Ratio Lower Upper

184 100

185 17.2 13.0 19.6

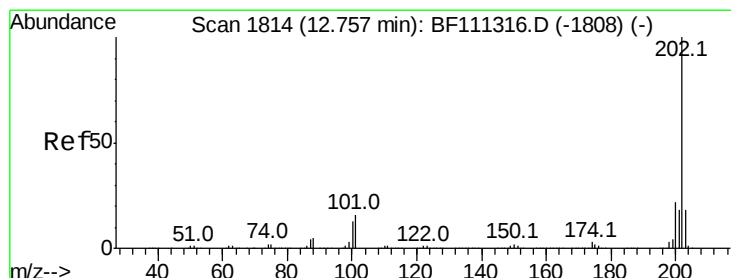
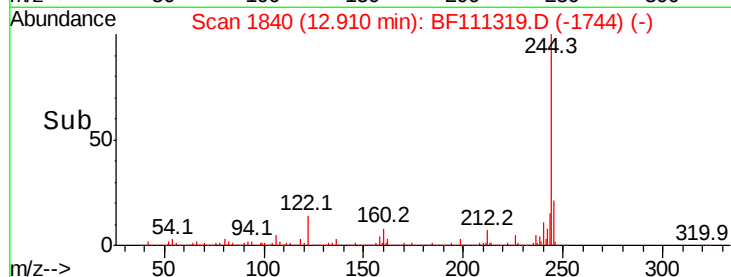
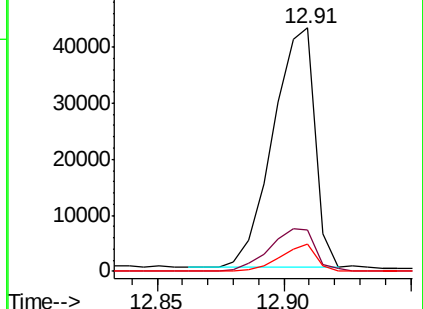
183 11.3 9.3 13.9



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: 84.658 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

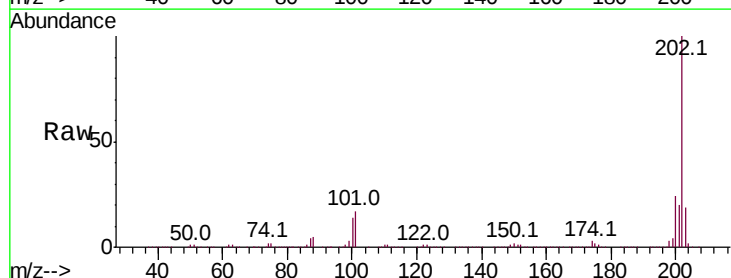
Tgt Ion:202 Resp: 3515600

Ion Ratio Lower Upper

202 100

200 24.0 19.0 28.4

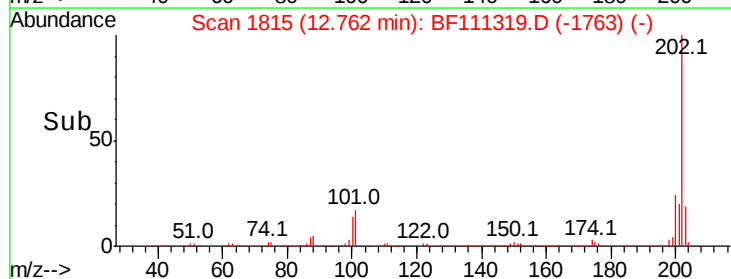
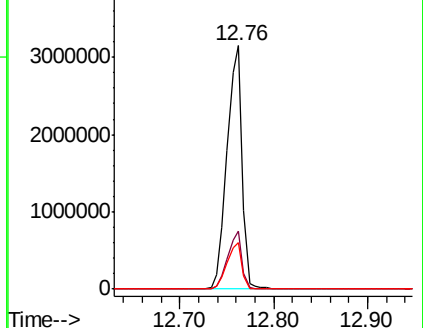
203 19.2 15.2 22.8

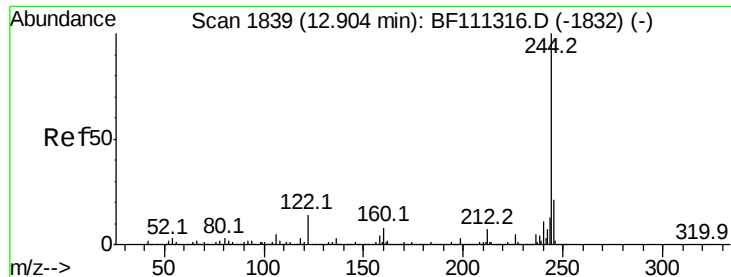


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 158.793 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

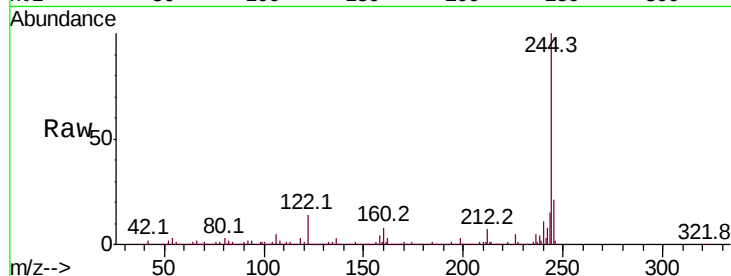
Tot Ion:244 Resp: 3847065

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

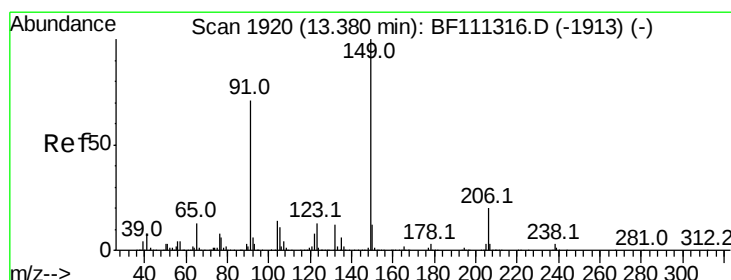
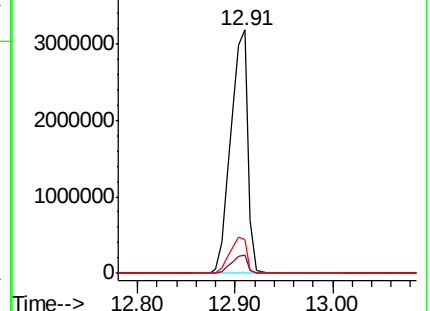
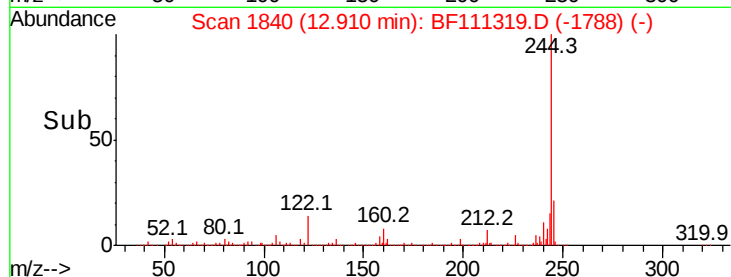
122 13.9 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 79.395 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

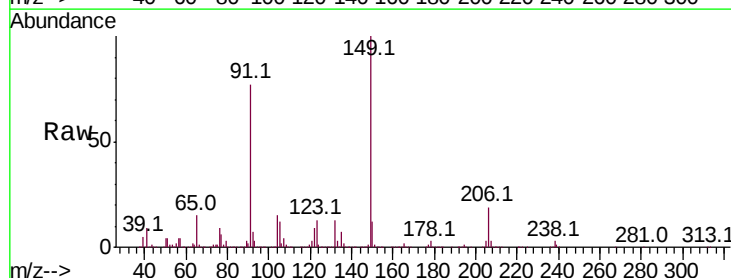
Tgt Ion:149 Resp: 1722105

Ion Ratio Lower Upper

149 100

91 76.9 63.8 95.6

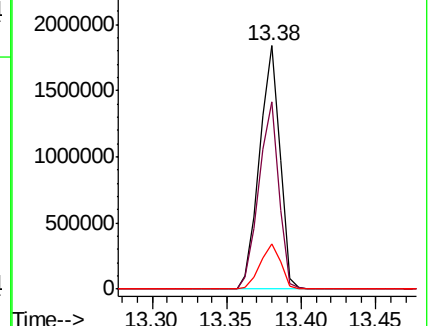
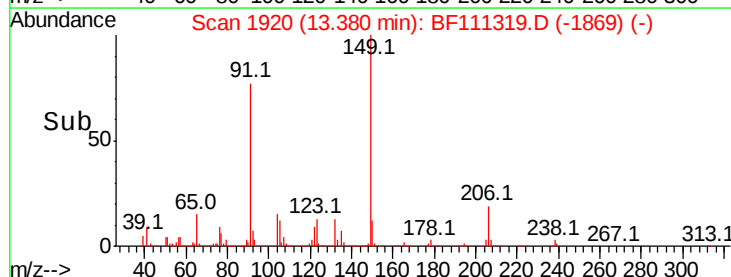
206 18.7 15.1 22.7

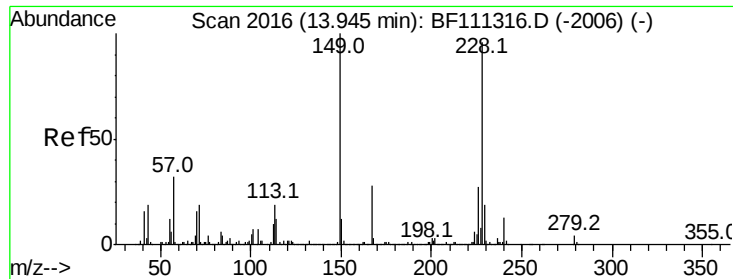


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 71.357 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

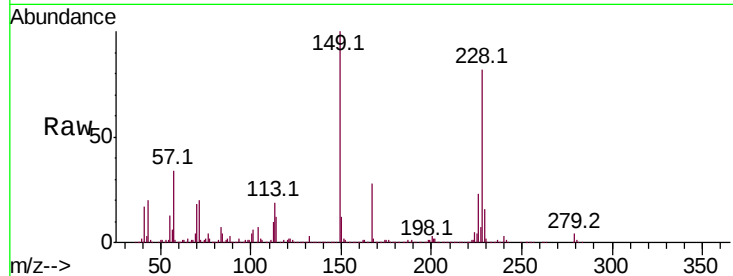
Tot Ion:228 Resp: 2313403

Ion Ratio Lower Upper

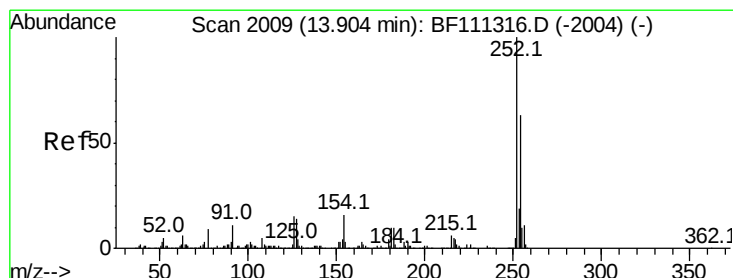
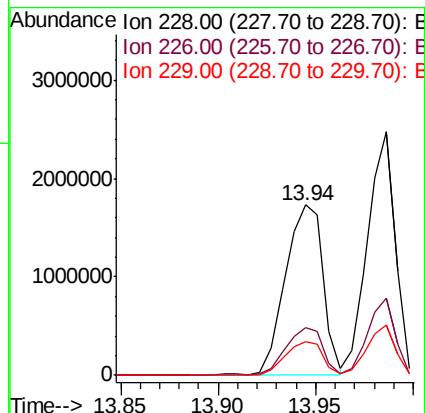
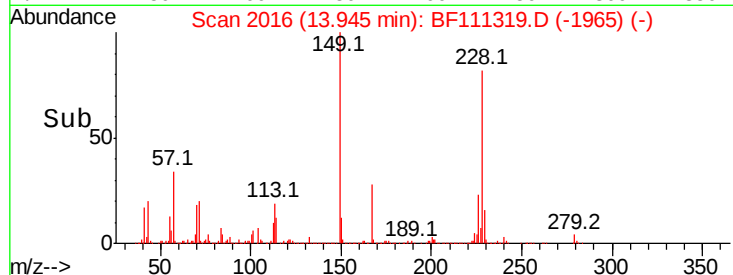
228 100

226 28.2 22.6 34.0

229 20.1 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 61.359 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

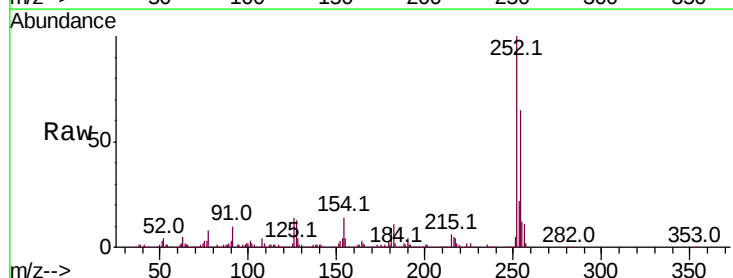
Tgt Ion:252 Resp: 815348

Ion Ratio Lower Upper

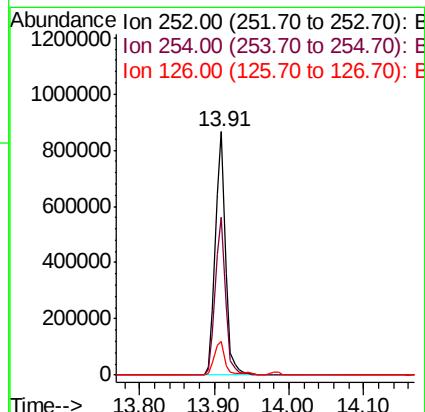
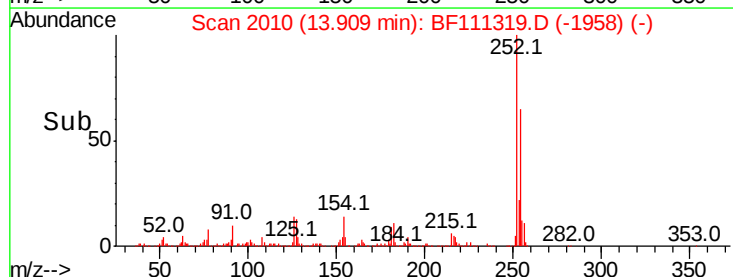
252 100

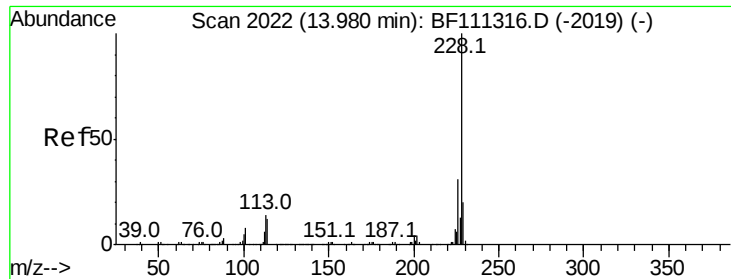
254 64.6 52.7 79.1

126 13.7 11.1 16.7



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

Chrvsene

Concen: 72.951 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

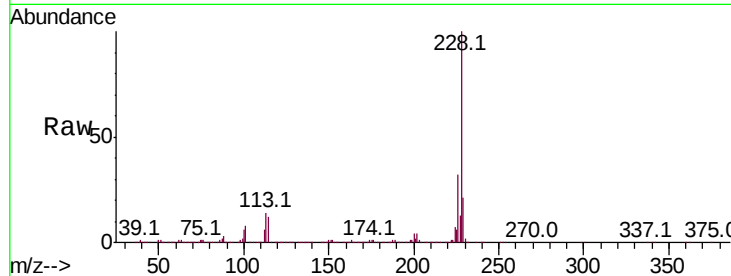
Tot Ion:228 Resp: 2438217

Ion Ratio Lower Upper

228 100

226 31.7 25.3 37.9

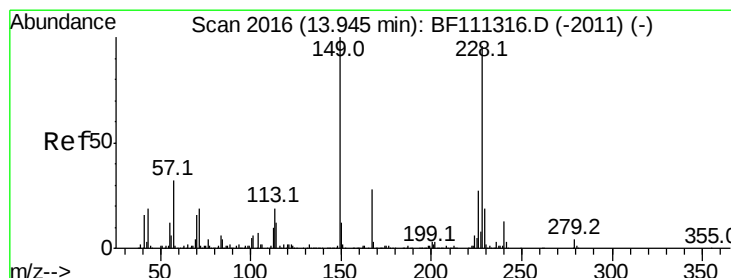
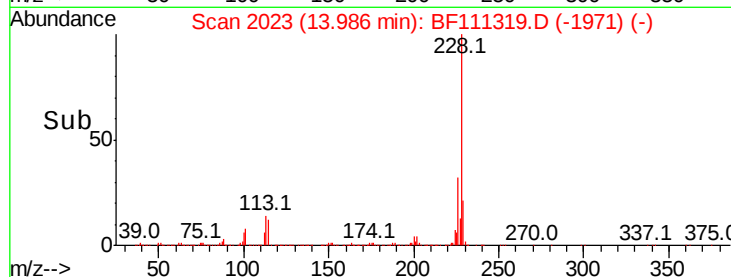
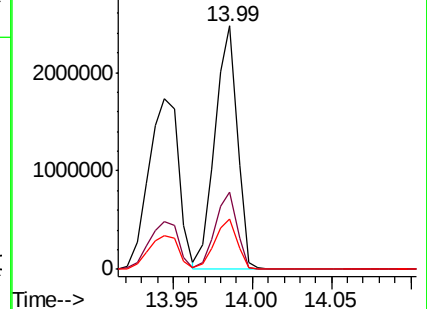
229 20.7 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.014 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

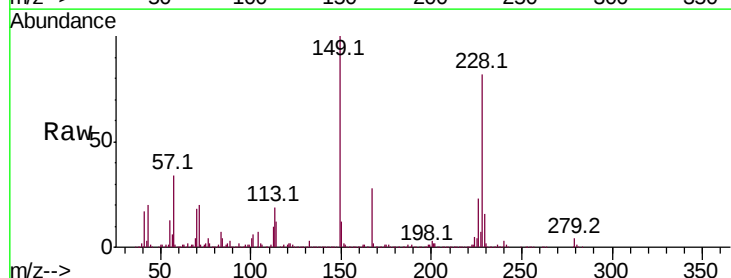
Tgt Ion:149 Resp: 1959173

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

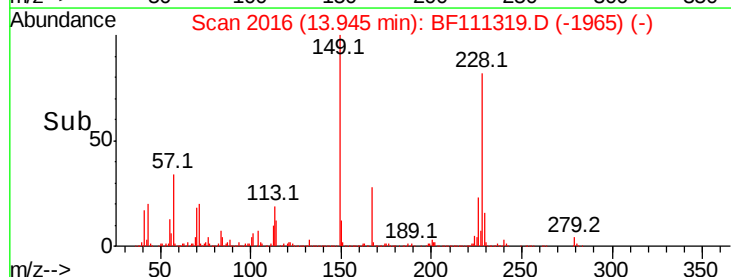
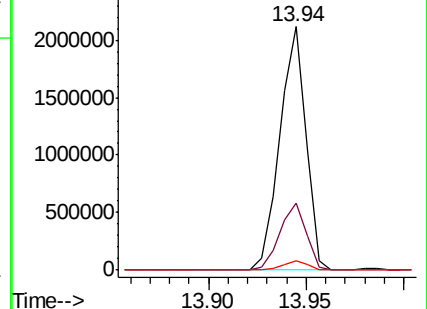
279 3.8 2.6 4.0

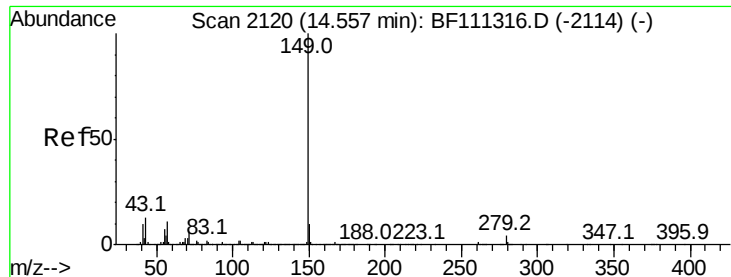


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.747 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampleId :

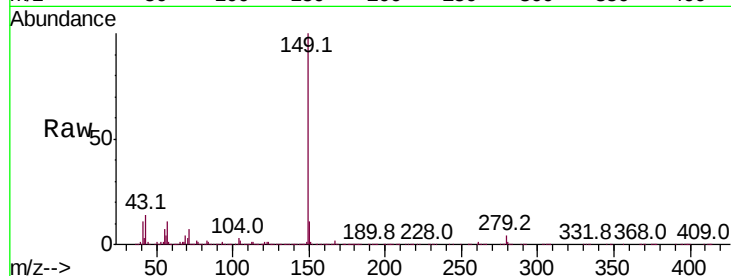
Tot Ion:149 Resp: 3185880

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

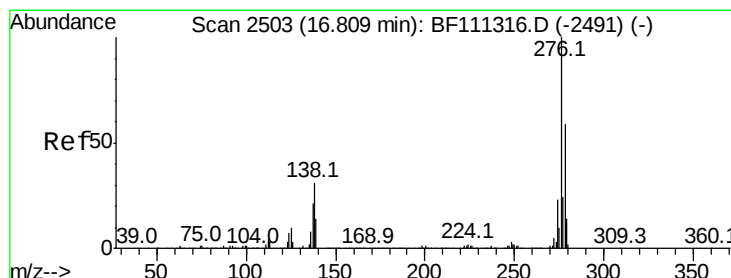
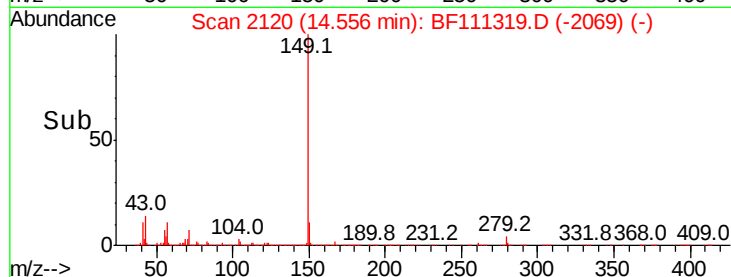
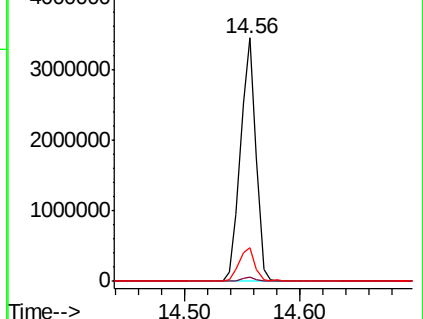
43 14.3 10.9 16.3



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: 87.057 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

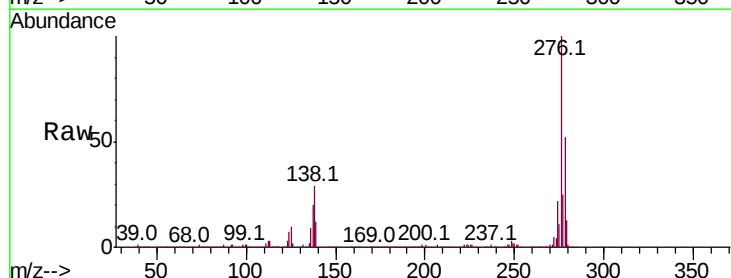
Tgt Ion:276 Resp: 2348763

Ion Ratio Lower Upper

276 100

138 31.4 27.8 41.6

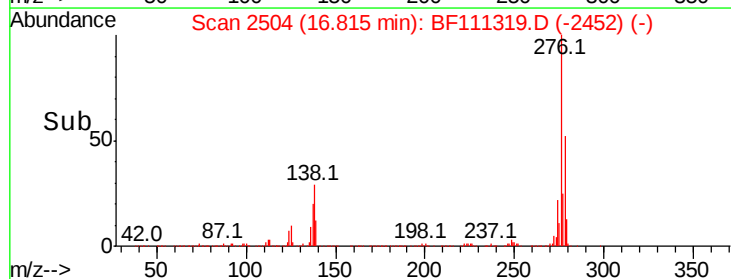
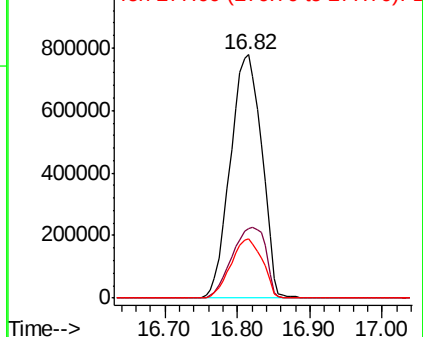
277 24.5 20.1 30.1

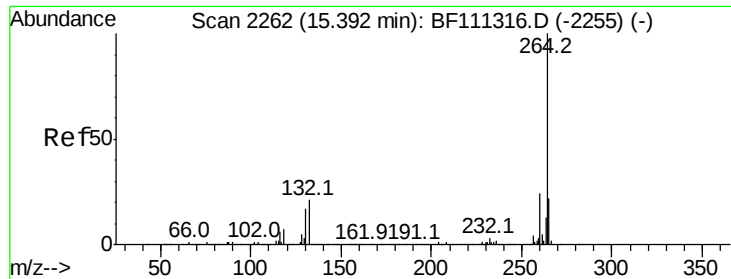


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



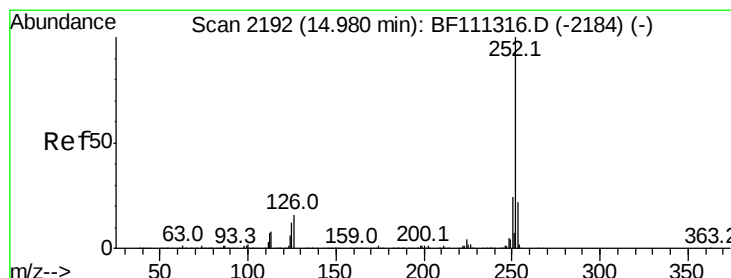
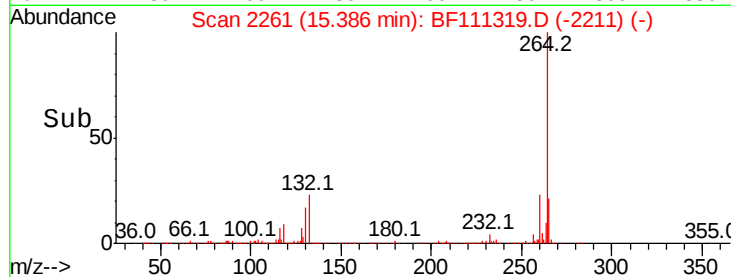
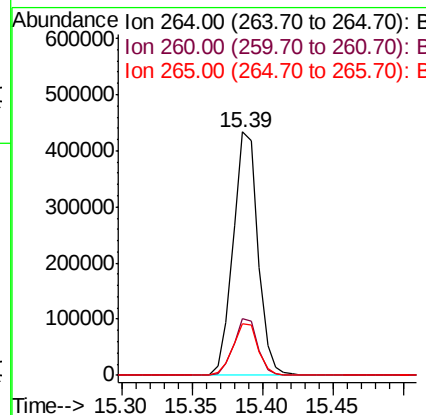
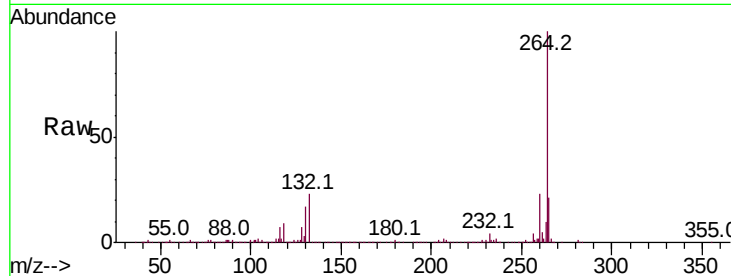


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 532215

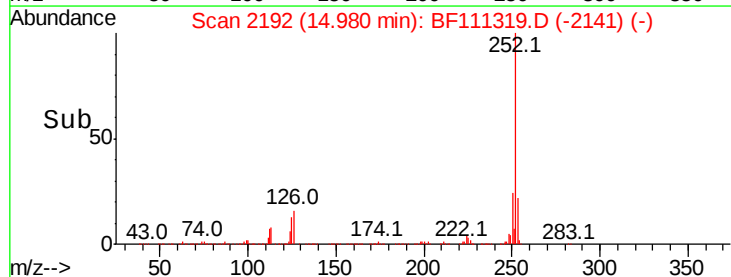
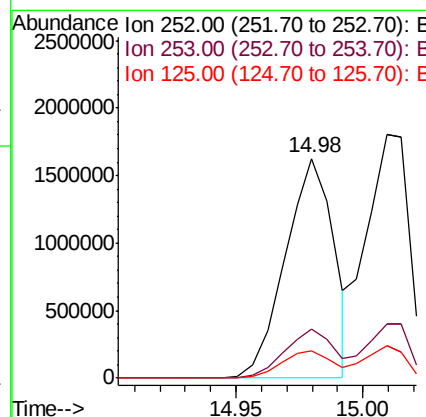
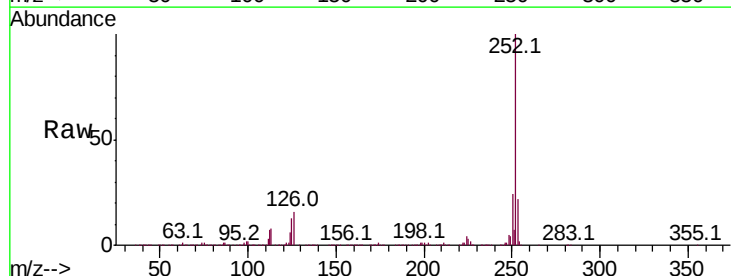
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.1	17.7	26.5

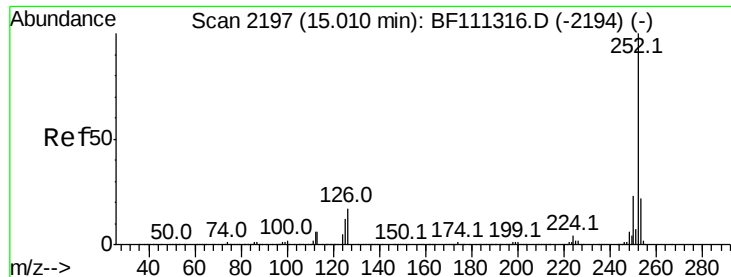


#88
Benzo(b)fluoranthene
Concen: 73.639 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:252 Resp: 2167400

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.7	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 77.958 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

Instrument :

BNA_F

ClientSampled :

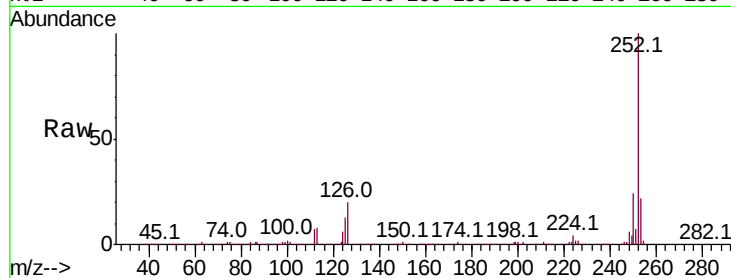
Tot Ion:252 Resp: 2157257

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

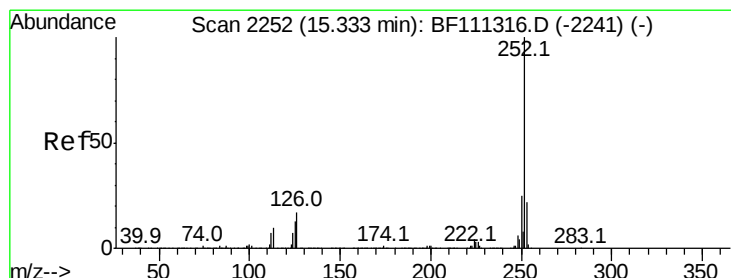
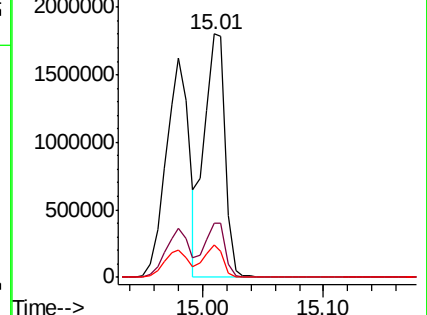
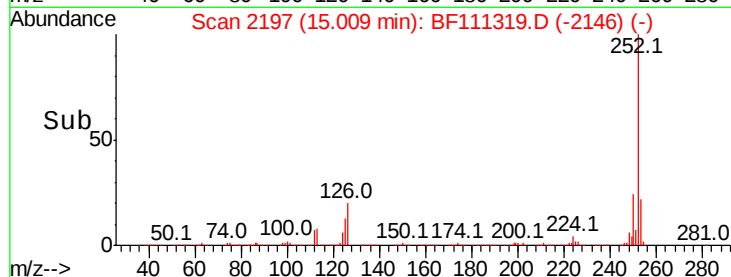
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 76.458 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF111319.D

Acq: 12 Dec 2018 12:32

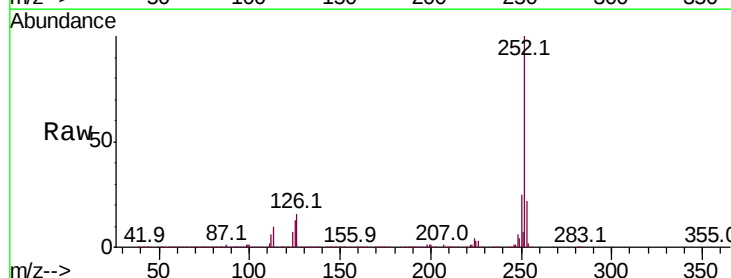
Tgt Ion:252 Resp: 2072299

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

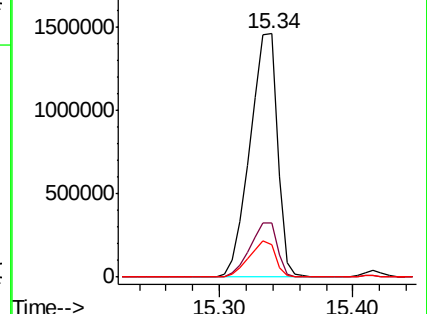
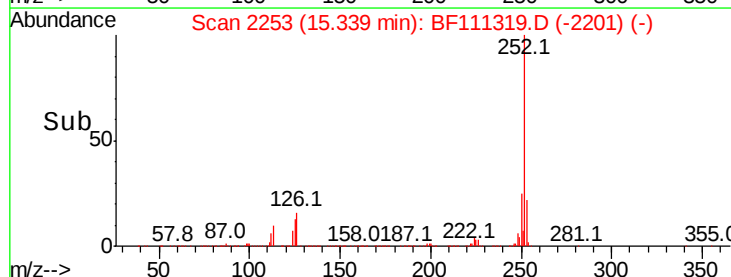
125 13.3 12.3 18.5

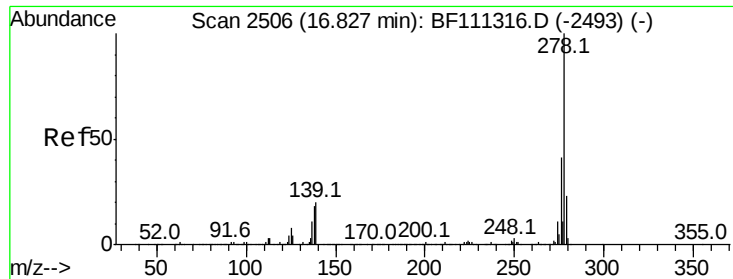


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

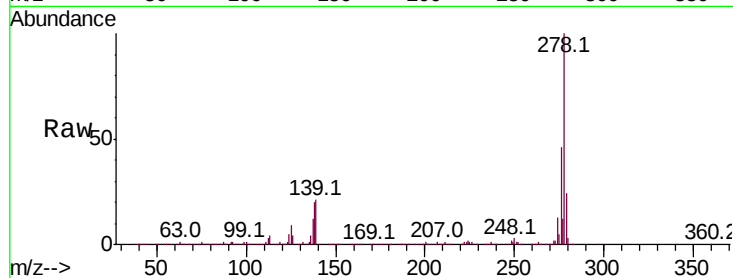




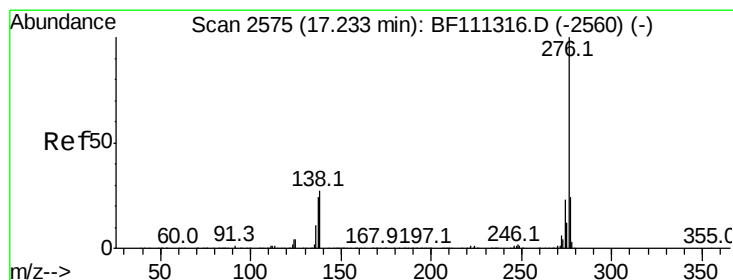
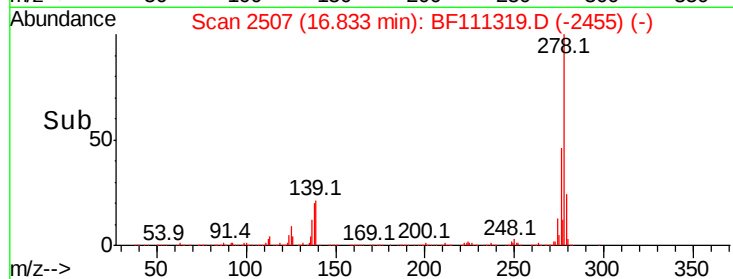
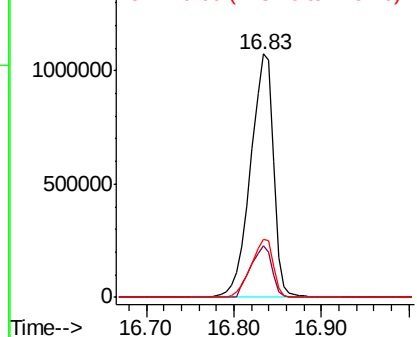
#91
Dibenzo(a,h)anthracene
Concen: 89.479 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1904885
Ion Ratio Lower Upper
278 100
139 21.0 18.2 27.4
279 23.9 19.0 28.6

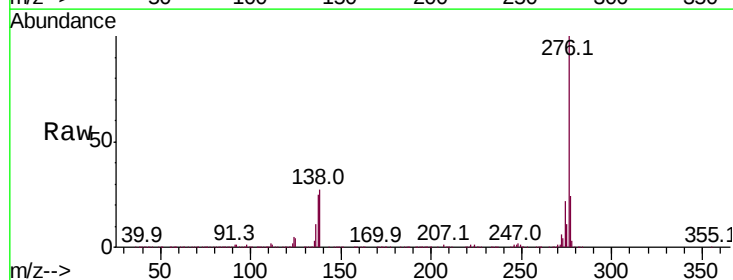


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 94.203 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF111319.D
Acq: 12 Dec 2018 12:32

Tgt Ion:276 Resp: 2007519
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 26.9 24.9 37.3



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

