

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115351.D
 Acq On : 2 Jul 2019 9:23
 Operator : HP/JU
 Sample : PB121059BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Quant Time: Jul 02 11:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	187122	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	733913	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	363115	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	722914	20.00	ng	0.01
76) Chrysene-d12	13.73	240	492558	20.00	ng	0.01
87) Perylene-d12	15.10	264	599281	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	875524	72.20	ng	0.02
7) Phenol-d6	6.25	99	1073023	72.91	ng	0.01
23) Nitrobenzene-d5	7.17	82	960249	80.49	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	335843	87.71	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	1906456	89.18	ng	0.00
79) Terphenyl-d14	12.69	244	2099624	90.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	211169	36.900	ng	99
3) Pyridine	2.91	79	496606	30.788	ng	98
4) n-Nitrosodimethylamine	2.85	42	198213	31.347	ng	96
6) Aniline	6.26	93	516849	25.552	ng	# 29
8) 2-Chlorophenol	6.39	128	514994	37.770	ng	98
9) Benzaldehyde	6.14	77	285421	29.725	ng	99
10) Phenol	6.26	94	595101	34.519	ng	83
11) bis(2-Chloroethyl)ether	6.34	93	457121	35.970	ng	98
12) 1,3-Dichlorobenzene	6.54	146	563454	37.236	ng	98
13) 1,4-Dichlorobenzene	6.62	146	566580	37.339	ng	99
14) 1,2-Dichlorobenzene	6.77	146	527239	37.520	ng	99
15) Benzyl Alcohol	6.75	79	273085	25.481	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	644246	34.953	ng	91
17) 2-Methylphenol	6.87	107	455974	40.515	ng	98
18) Hexachloroethane	7.11	117	200939	36.731	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	327816	34.791	ng	99
20) 3+4-Methylphenols	7.02	107	530857	40.850	ng	# 75
22) Acetophenone	7.01	105	689129	41.015	ng	# 93
24) Nitrobenzene	7.18	77	515650	39.232	ng	98
25) Isophorone	7.43	82	914116	37.402	ng	99
26) 2-Nitrophenol	7.50	139	286627	44.158	ng	97
27) 2,4-Dimethylphenol	7.55	122	475143	44.709	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	597286	38.666	ng	99
29) 2,4-Dichlorophenol	7.75	162	449541	40.988	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	486075	40.123	ng	99
31) Naphthalene	7.91	128	1469705	40.796	ng	99
32) Benzoic acid	7.68	122	303878	40.057	ng	98
33) 4-Chloroaniline	7.95	127	389145	23.635	ng	99
34) Hexachlorobutadiene	8.03	225	265461	39.986	ng	98
35) Caprolactam	8.33	113	107580	29.175	ng	95
36) 4-Chloro-3-methylphenol	8.45	107	448672	40.395	ng	100
37) 2-Methylnaphthalene	8.60	142	1009625	41.564	ng	99
38) 1-Methylnaphthalene	8.70	142	938588	40.458	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	437246	42.612	ng	100

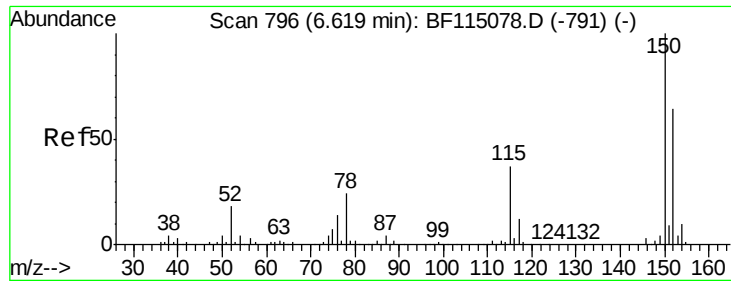
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	508793	83.622	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	314318	39.677	nq	100
44) 2,4,5-Trichlorophenol	8.92	196	350330	42.943	nq	98
46) 1,1'-Biphenyl	9.06	154	1194720	41.120	nq	99
47) 2-Chloronaphthalene	9.08	162	948196	40.233	nq	99
48) 2-Nitroaniline	9.18	65	268586	39.090	nq	95
49) Acenaphthylene	9.50	152	1483005	40.388	nq	99
50) Dimethylphthalate	9.37	163	1093006	40.913	nq	99
51) 2,6-Dinitrotoluene	9.42	165	253132	41.042	nq	88
52) Acenaphthene	9.67	154	859597	37.411	nq	98
53) 3-Nitroaniline	9.58	138	190996	25.376	nq	100
54) 2,4-Dinitrophenol	9.70	184	267751	83.965	nq	95
55) Dibenzofuran	9.84	168	1303753	39.534	nq	100
56) 4-Nitrophenol	9.76	139	432776	71.722	nq	98
57) 2,4-Dinitrotoluene	9.82	165	333834	41.919	nq	93
58) Fluorene	10.18	166	939978	42.435	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	295665	43.222	nq	98
60) Diethylphthalate	10.07	149	1068199	39.778	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	458764	43.784	nq	95
62) 4-Nitroaniline	10.20	138	281967	37.343	nq	99
63) Azobenzene	10.33	77	970298	38.684	nq	96
65) 4,6-Dinitro-2-methylphenol	10.23	198	169374	44.443	nq	84
66) n-Nitrosodiphenylamine	10.30	169	902424	40.068	nq	98
67) 4-Bromophenyl-phenylether	10.66	248	311813	39.783	nq	96
68) Hexachlorobenzene	10.72	284	347189	40.810	nq	95
69) Atrazine	10.82	200	289558	39.967	nq	100
70) Pentachlorophenol	10.92	266	414505	76.478	nq	98
71) Phenanthrene	11.13	178	1502430	38.600	nq	100
72) Anthracene	11.18	178	1537089	39.122	nq	99
73) Carbazole	11.34	167	1390454	39.632	nq	100
74) Di-n-butylphthalate	11.68	149	1649119	40.677	nq	100
75) Fluoranthene	12.31	202	1555998	40.067	nq	97
77) Benzidine	12.44	184	726803	33.231	nq	100
78) Pyrene	12.54	202	1572590	41.544	nq	100
80) Butylbenzylphthalate	13.17	149	732176	43.830	nq	97
81) Benzo(a)anthracene	13.72	228	1428029	40.405	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	449404	35.212	nq	98
83) Chrysene	13.76	228	1386336	42.822	nq	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	957983	43.766	nq	99
85) Di-n-octyl phthalate	14.35	149	1686232	45.850	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1600736	41.785	nq	99
88) Benzo(b)fluoranthene	14.73	252	1493507	39.940	nq	99
89) Benzo(k)fluoranthene	14.76	252	1361686	40.606	nq	96
90) Benzo(a)pyrene	15.05	252	1397715	41.471	nq	97
91) Dibenzo(a,h)anthracene	16.40	278	1314226	41.769	nq	100
92) Benzo(g,h,i)perylene	16.77	276	1346722	42.289	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

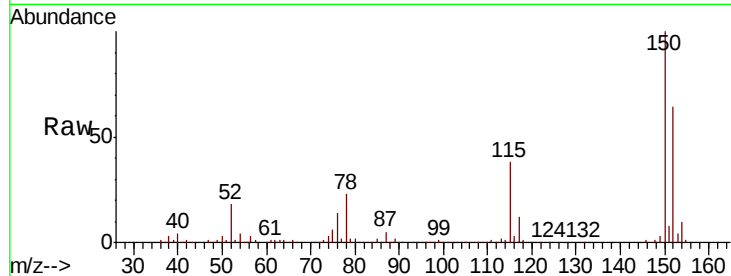
Tot Ion:152 Resp: 187122

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

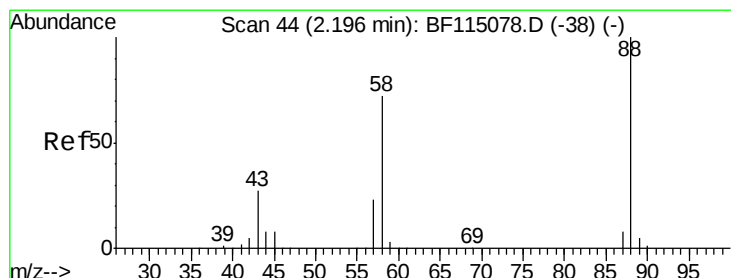
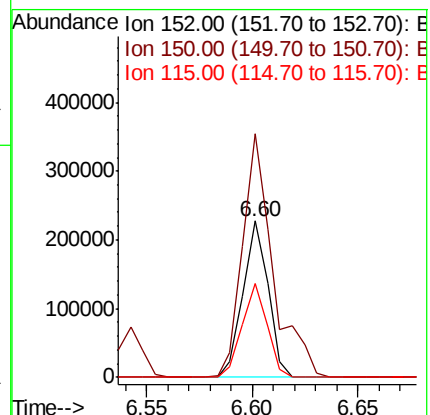
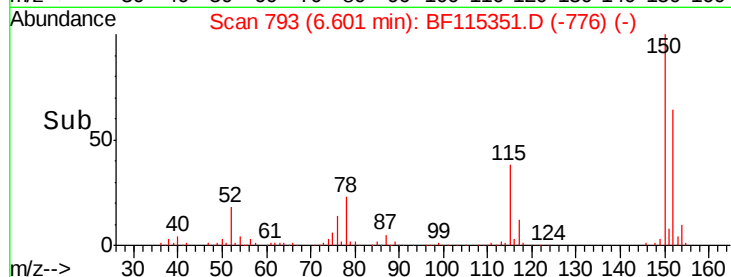
115 59.9 46.1 69.1



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: 36.900 ng

RT: 2.26 min Scan# 55

Delta R.T. 0.11 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

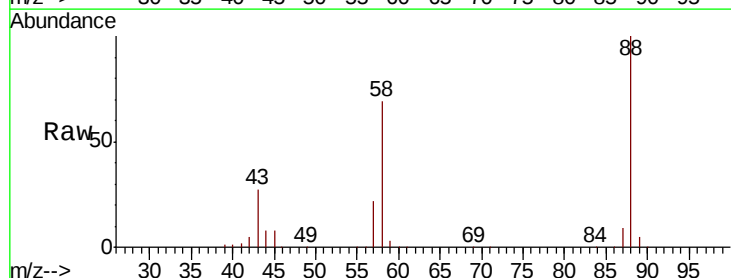
Tgt Ion: 88 Resp: 211169

Ion Ratio Lower Upper

88 100

58 69.5 56.1 84.1

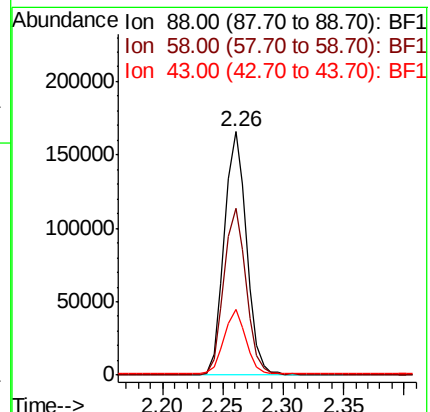
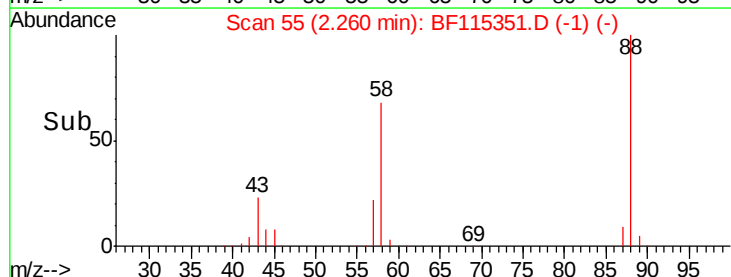
43 25.4 21.3 31.9

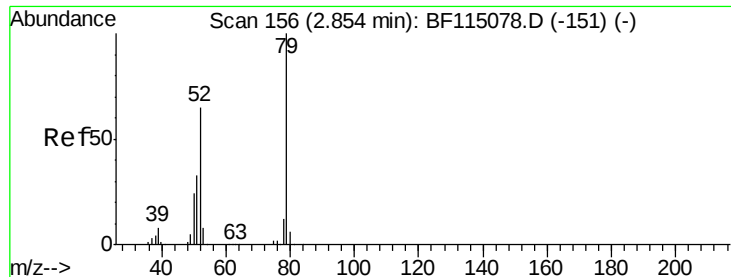


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.788 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.11 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

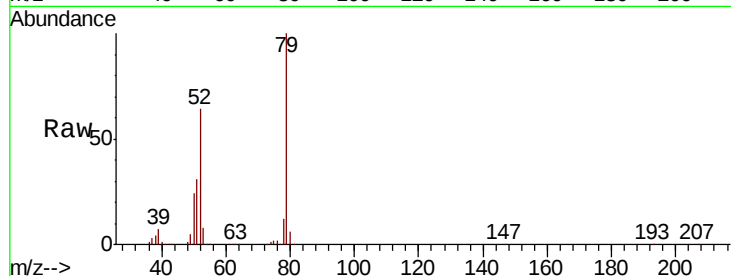
Tot Ion: 79 Resp: 496606

Ion Ratio Lower Upper

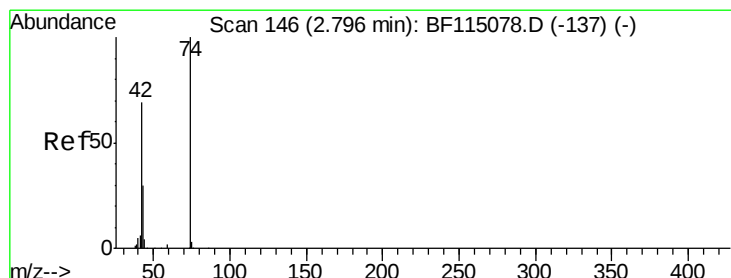
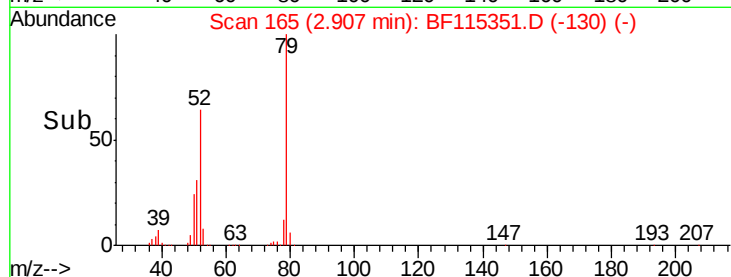
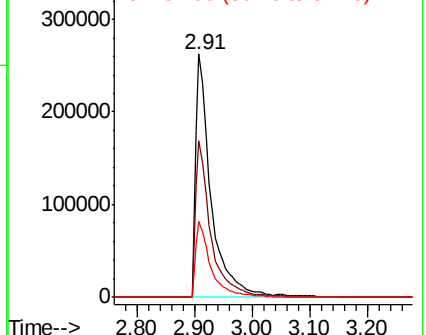
79 100

52 64.3 52.3 78.5

51 31.3 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.347 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.11 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

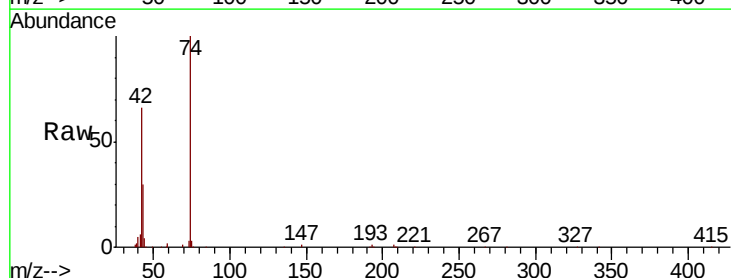
Tgt Ion: 42 Resp: 198213

Ion Ratio Lower Upper

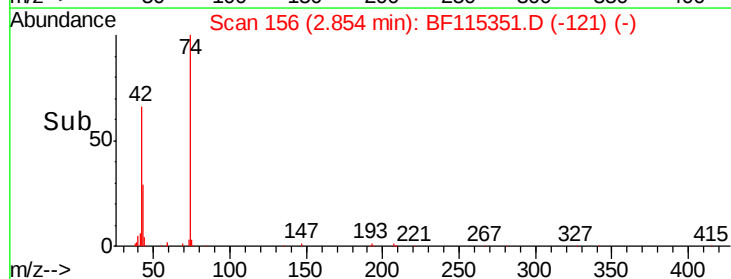
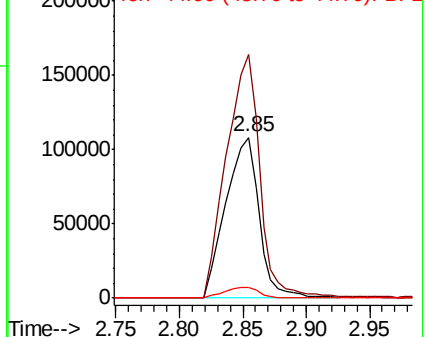
42 100

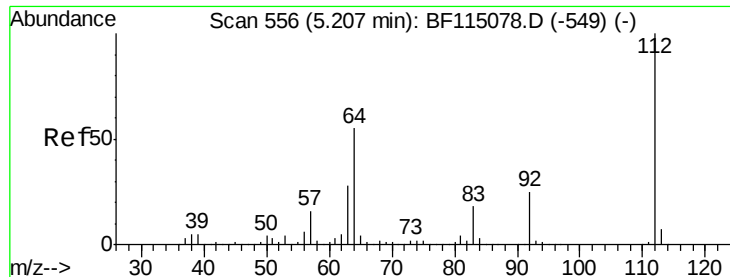
74 151.6 116.6 175.0

44 6.6 5.3 7.9



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: 72.203 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

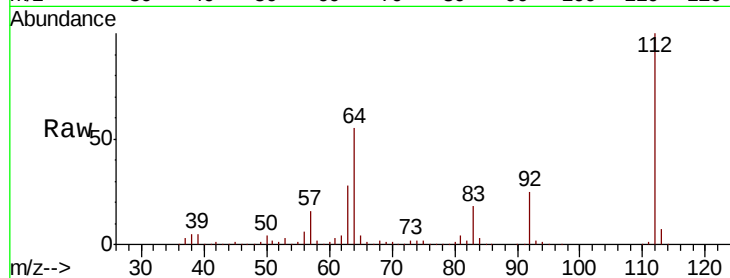
Tot Ion: 112 Resp: 875524

Ion Ratio Lower Upper

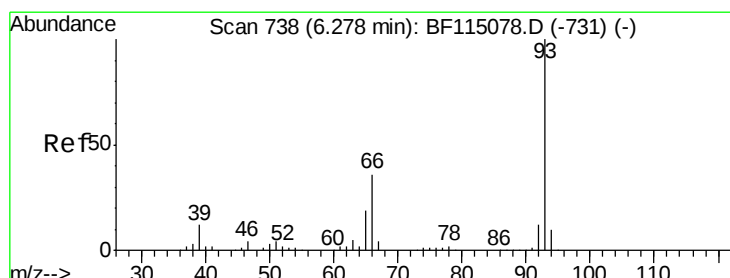
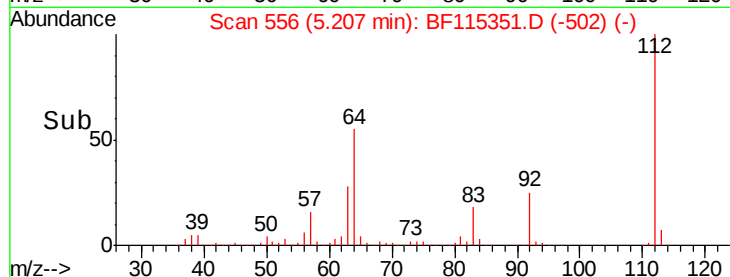
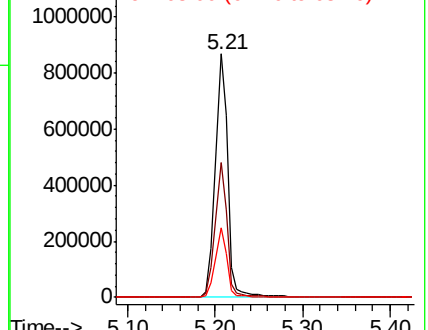
112 100

64 55.2 43.8 65.6

63 28.3 22.2 33.4



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: 25.552 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

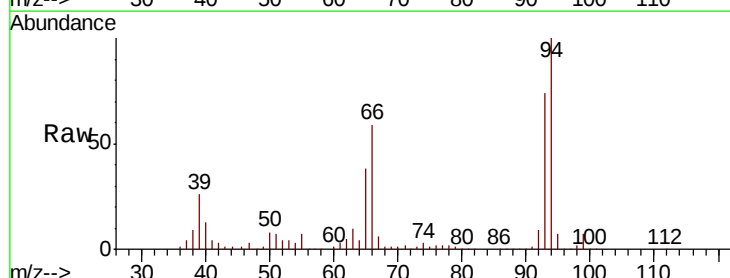
Tgt Ion: 93 Resp: 516849

Ion Ratio Lower Upper

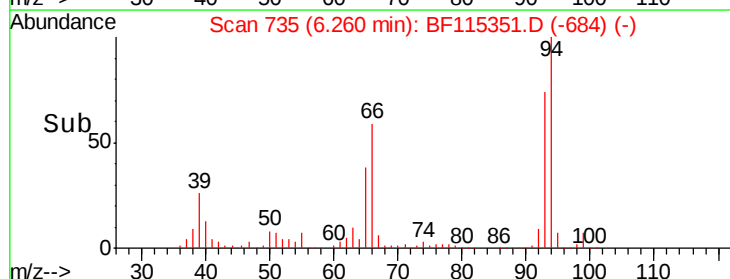
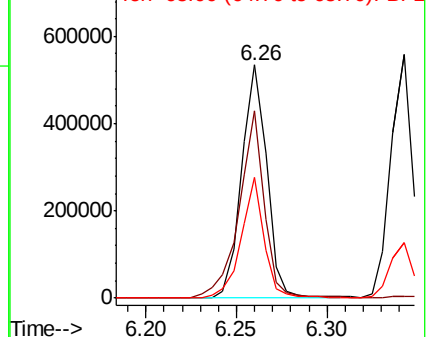
93 100

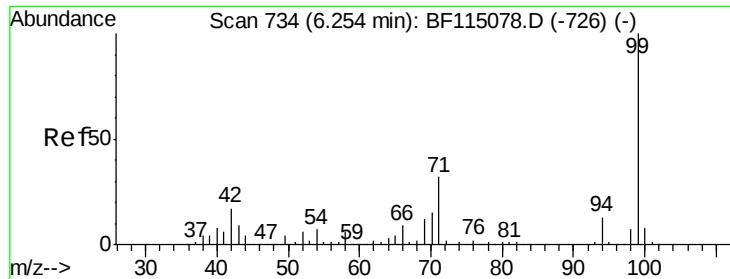
66 80.1 30.0 45.0#

65 51.6 15.6 23.4#



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: 72.907 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

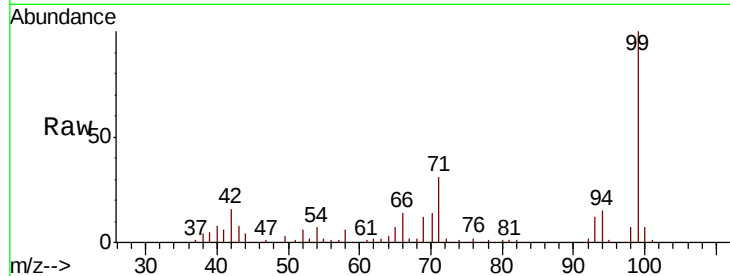
Tot Ion: 99 Resp: 1073023

Ion Ratio Lower Upper

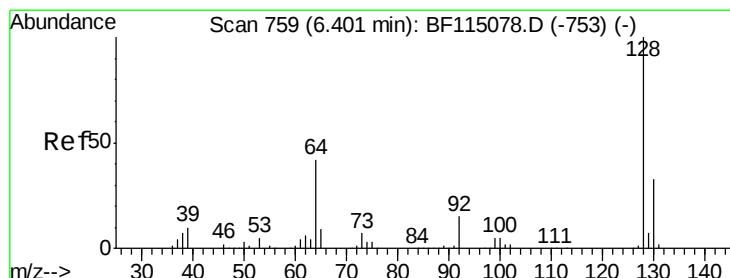
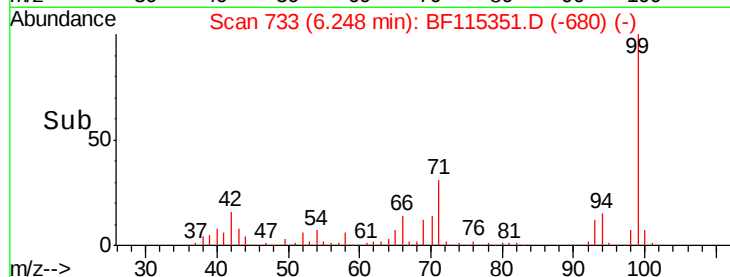
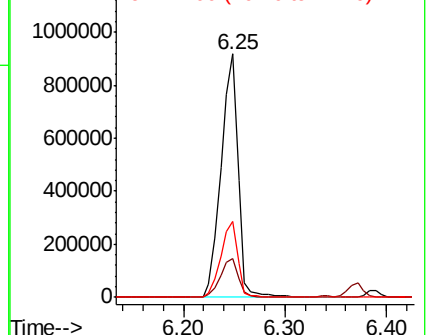
99 100

42 15.8 13.6 20.4

71 31.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 37.770 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

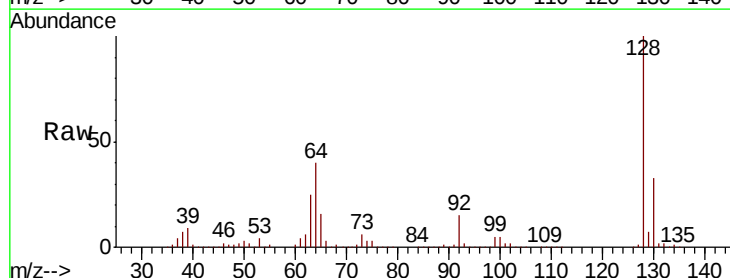
Tgt Ion:128 Resp: 514994

Ion Ratio Lower Upper

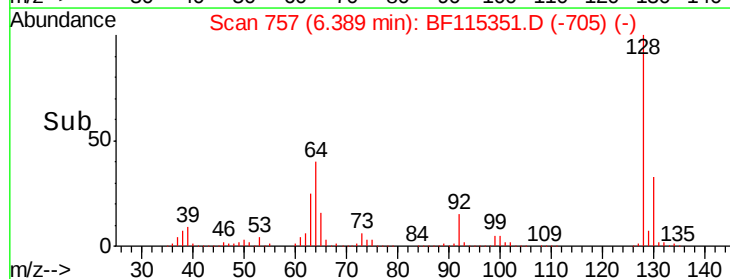
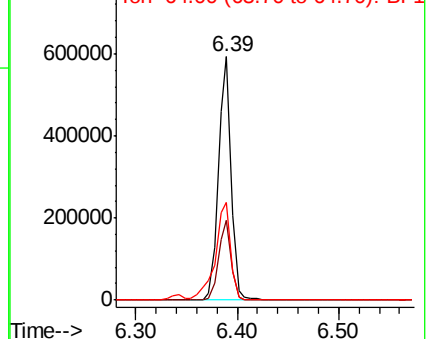
128 100

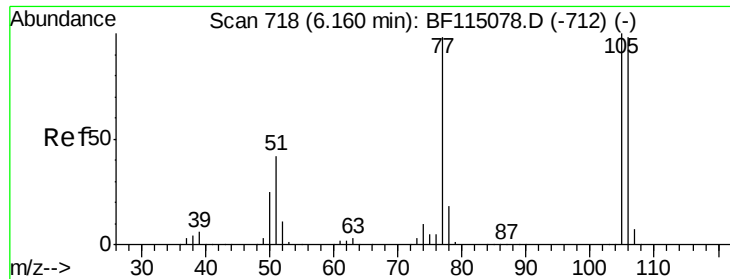
130 32.9 12.9 52.9

64 40.4 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.725 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleID :

PB121059BS

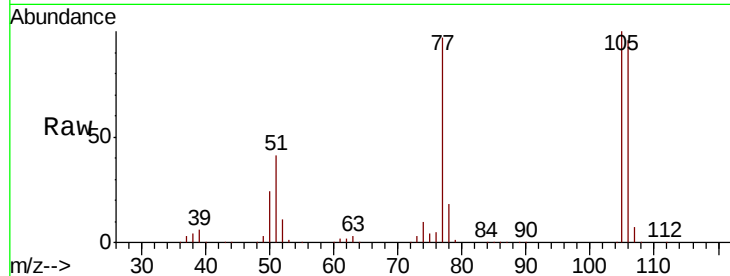
Tot Ion: 77 Resp: 285421

Ion Ratio Lower Upper

77 100

105 103.3 81.5 121.5

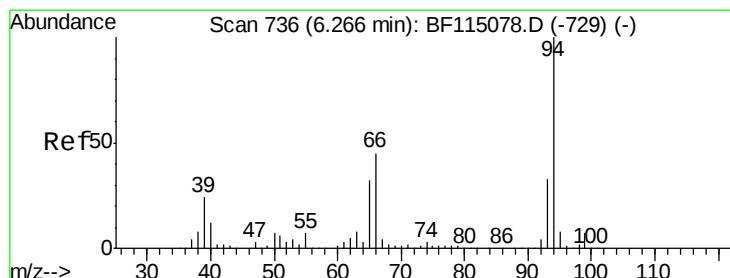
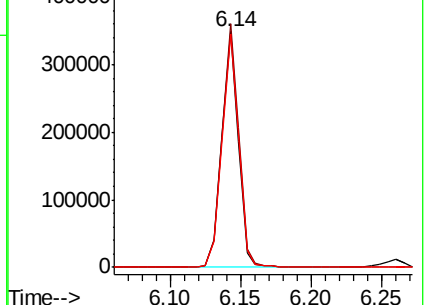
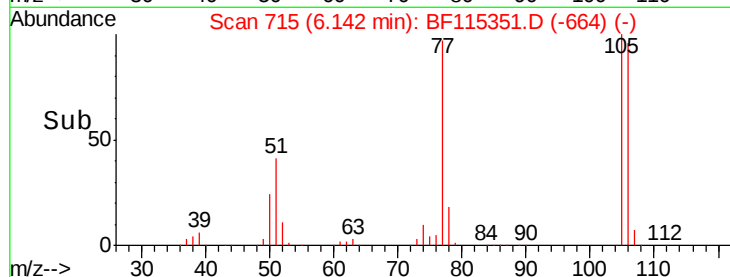
106 99.0 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.519 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

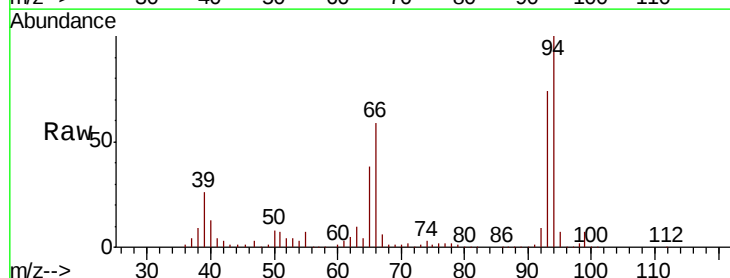
Tgt Ion: 94 Resp: 595101

Ion Ratio Lower Upper

94 100

65 38.0 11.9 51.9

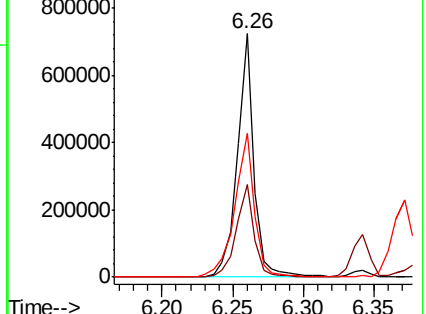
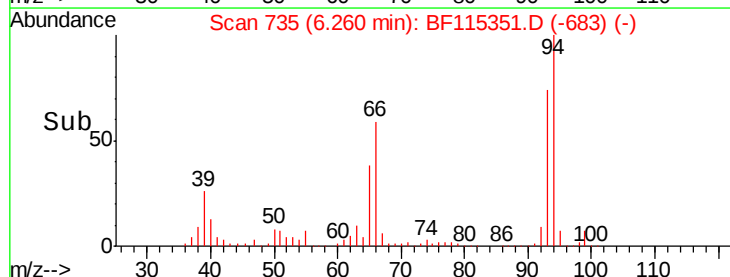
66 59.1 25.2 65.2

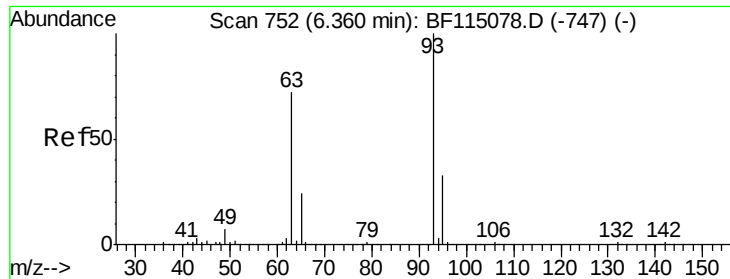


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

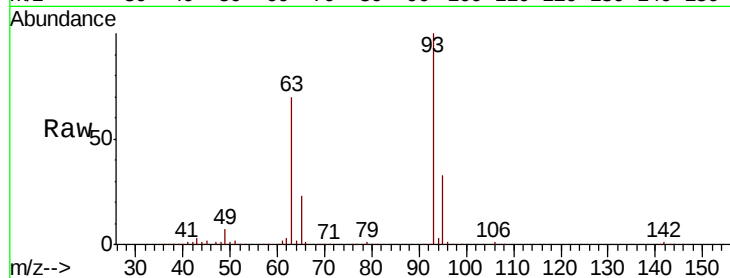




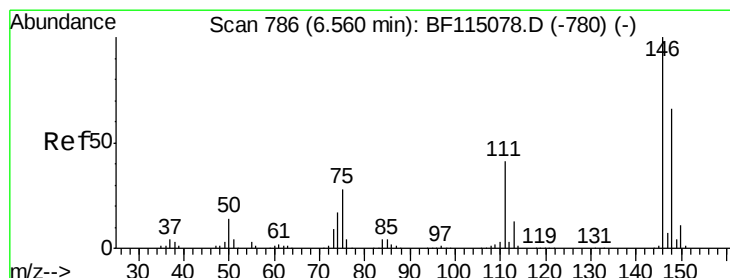
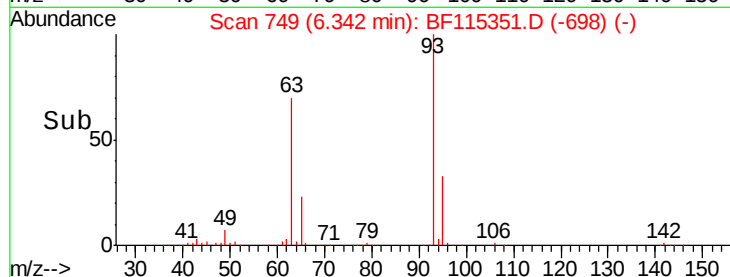
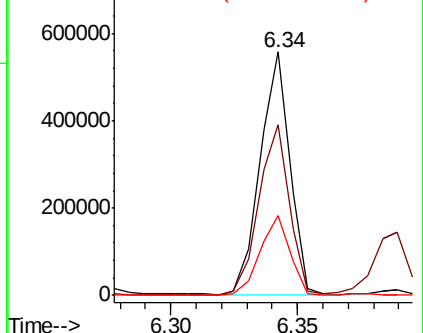
#11
bis(2-Chloroethyl)ether
Concen: 35.970 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion: 93 Resp: 457121
Ion Ratio Lower Upper
93 100
63 70.1 51.5 91.5
95 32.6 13.4 53.4

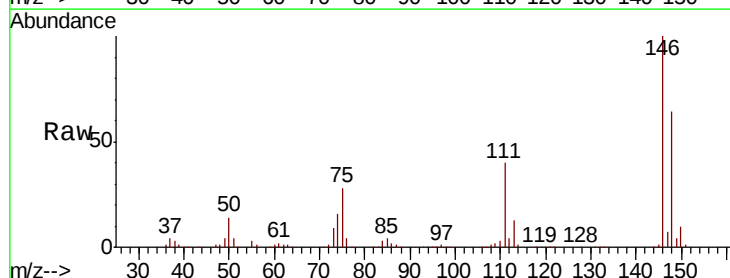


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

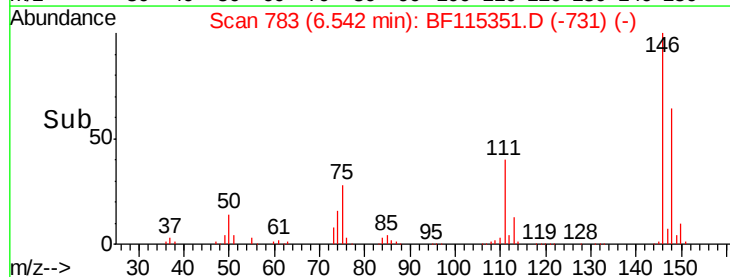
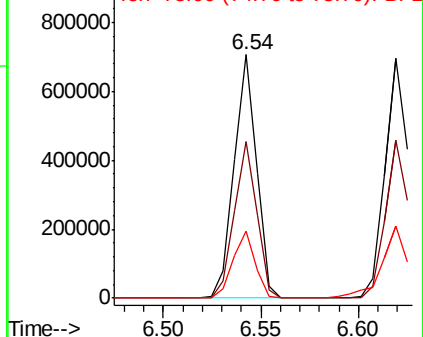


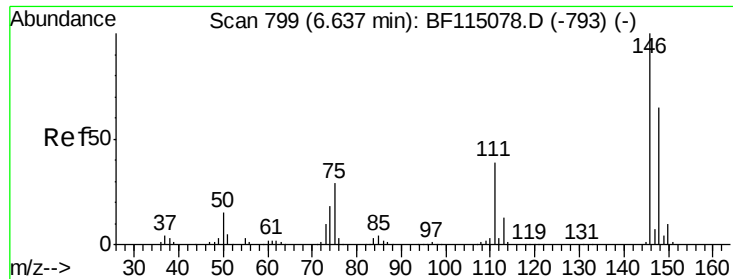
#12
1,3-Dichlorobenzene
Concen: 37.236 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion: 146 Resp: 563454
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
75 27.7 22.6 34.0



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

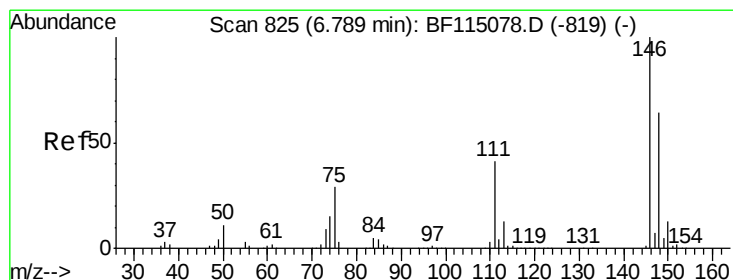
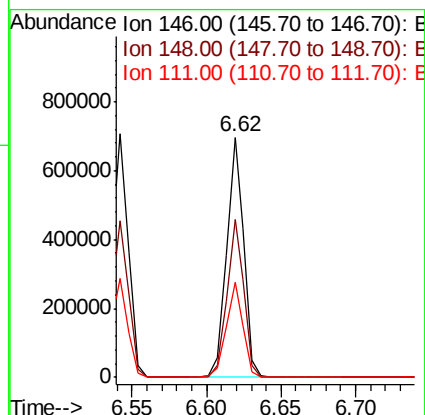
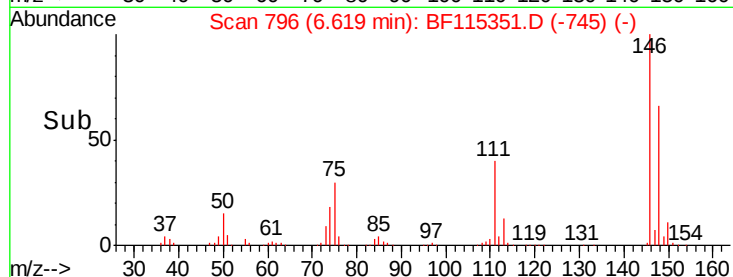
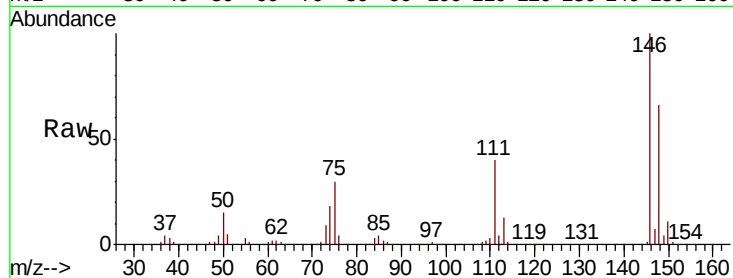




#13
 1,4-Dichlorobenzene
 Concen: 37.339 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

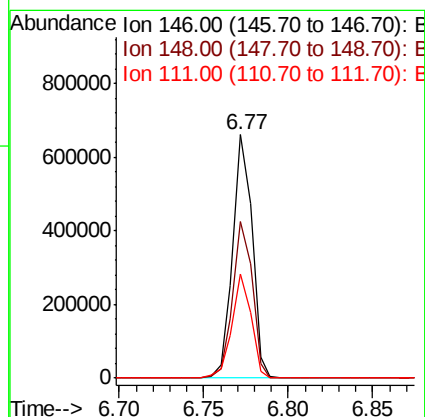
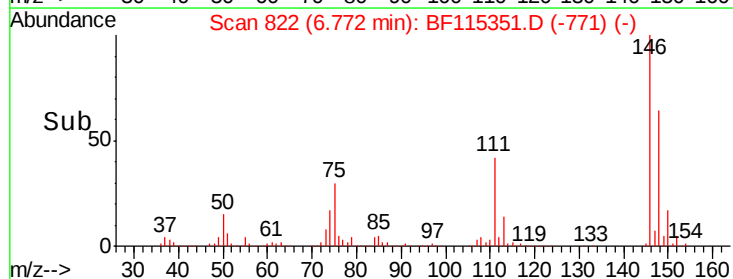
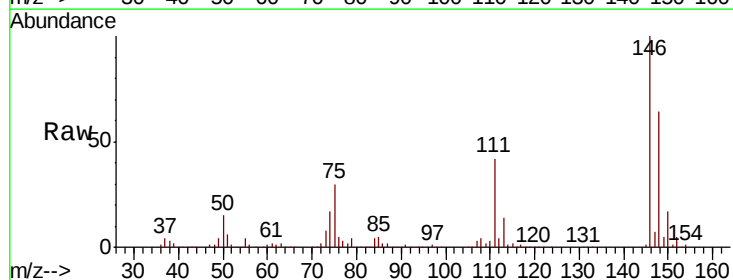
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

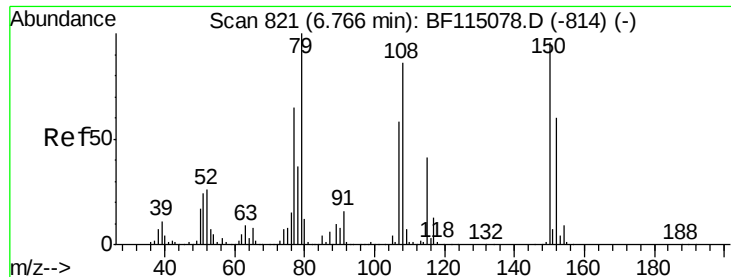
Tot Ion:146 Resp: 566580
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 39.8 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 37.520 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:146 Resp: 527239
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 42.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 25.481 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

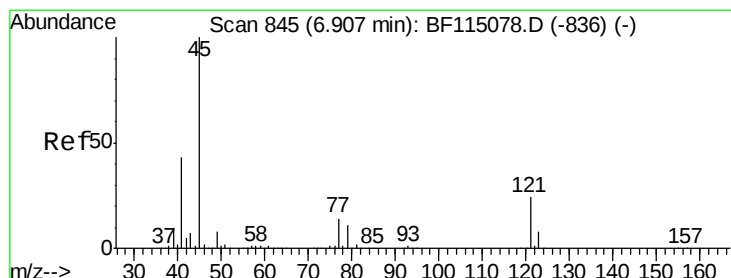
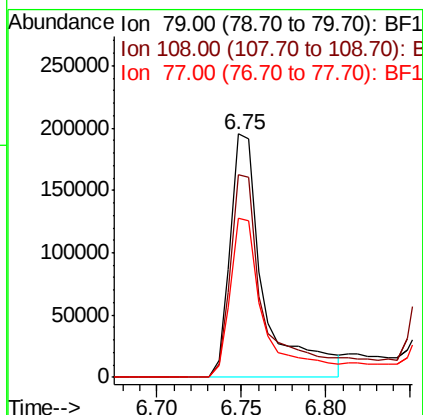
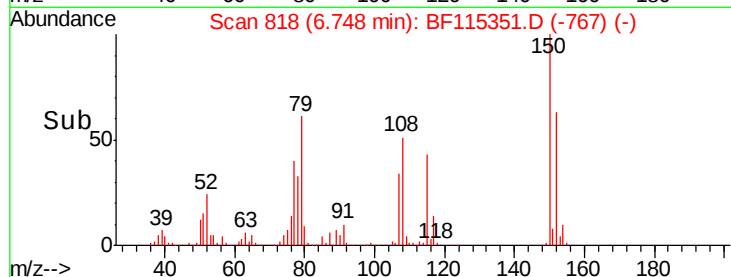
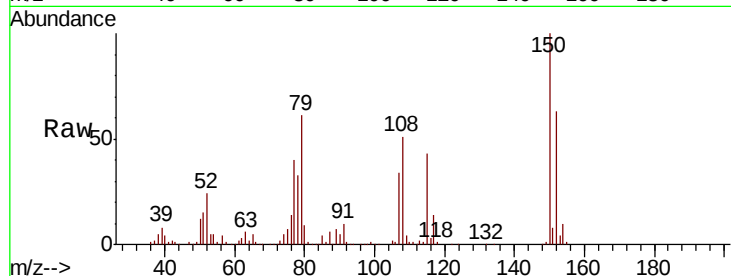
Tot Ion: 79 Resp: 273085

Ion Ratio Lower Upper

79 100

108 83.3 68.7 103.1

77 65.4 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.953 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

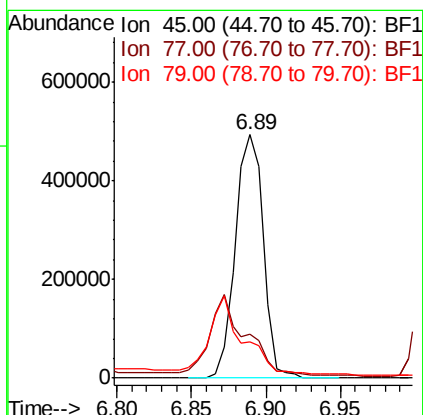
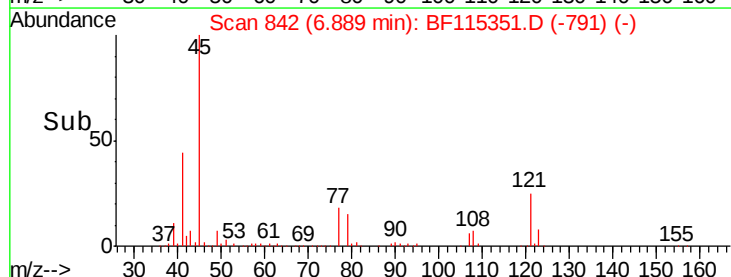
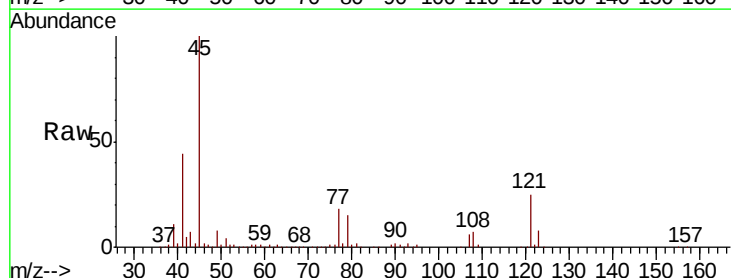
Tgt Ion: 45 Resp: 644246

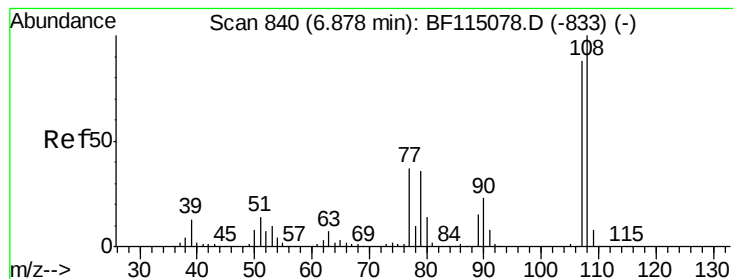
Ion Ratio Lower Upper

45 100

77 17.8 0.0 34.6

79 14.9 0.0 31.2





#17

2-Methylphenol

Concen: 40.515 ng

RT: 6.87 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

Tot Ion:107 Resp: 455974

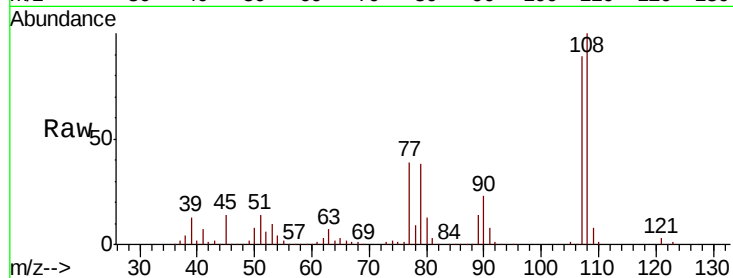
Ion Ratio Lower Upper

107 100

108 112.5 90.9 136.3

77 44.1 33.4 50.2

79 43.3 32.3 48.5



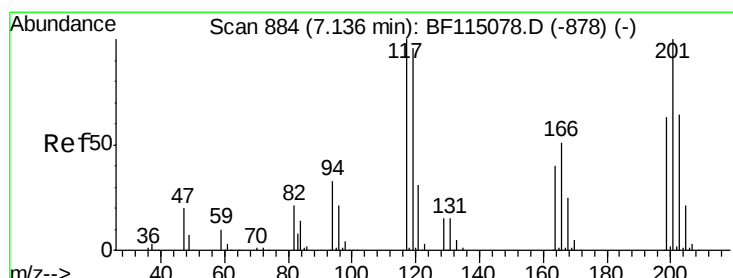
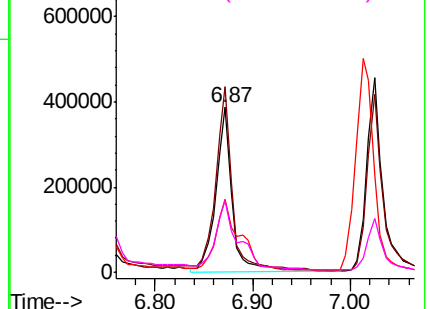
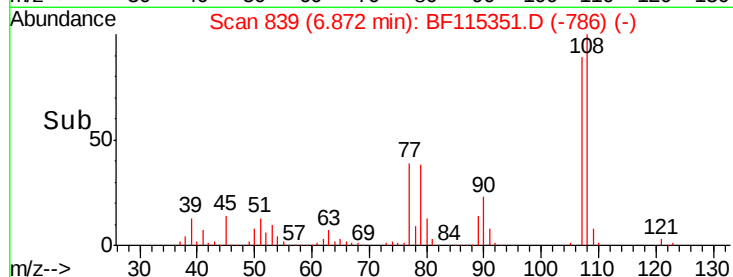
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.731 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

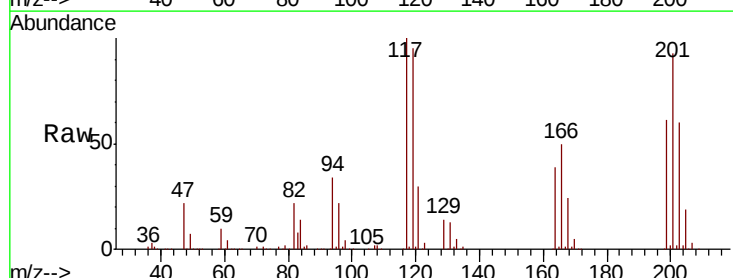
Tgt Ion:117 Resp: 200939

Ion Ratio Lower Upper

117 100

119 94.8 76.6 114.8

201 92.9 80.2 120.2

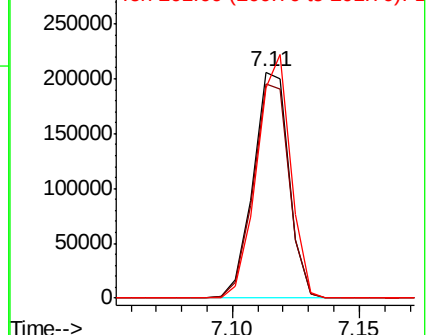
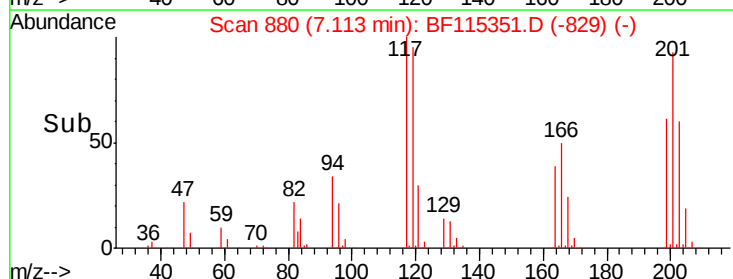


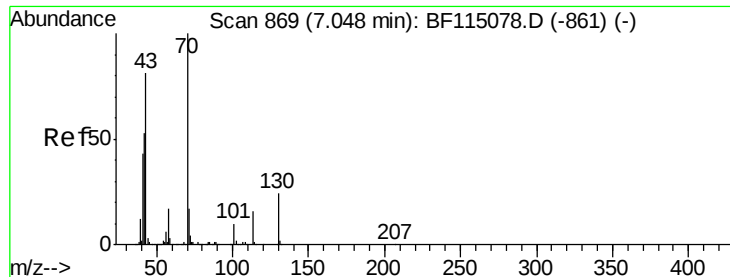
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

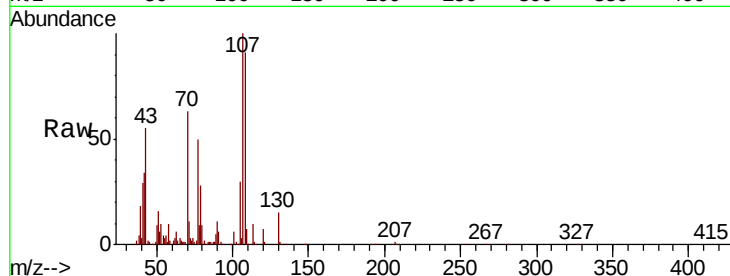




#19
n-Nitroso-di-n-propylamine
Concen: 34.791 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	42.6	63.8
101	10.0	8.0	12.0
130	23.9	19.4	29.0



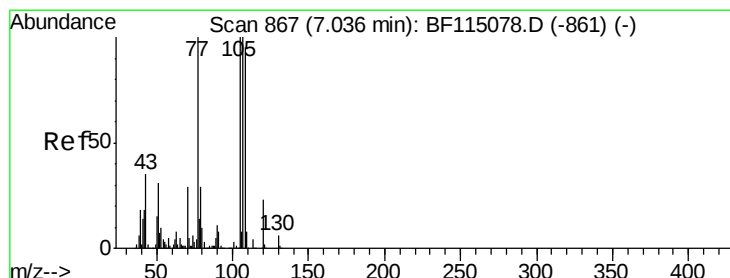
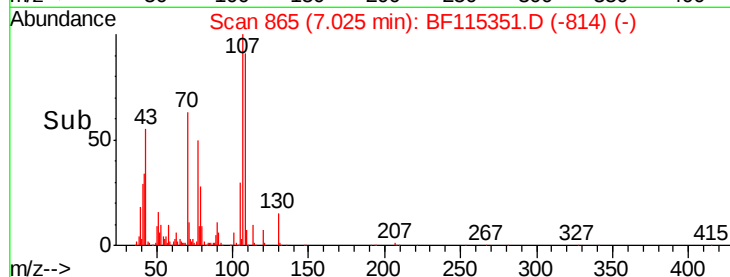
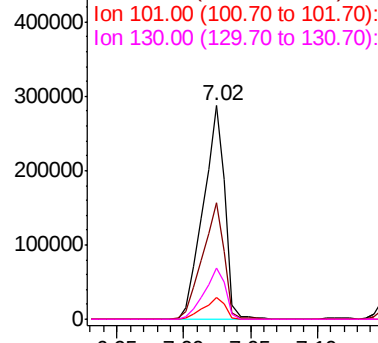
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.850 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	75.5	115.5
77	50.1	80.2	120.2
79	27.7	9.5	49.5

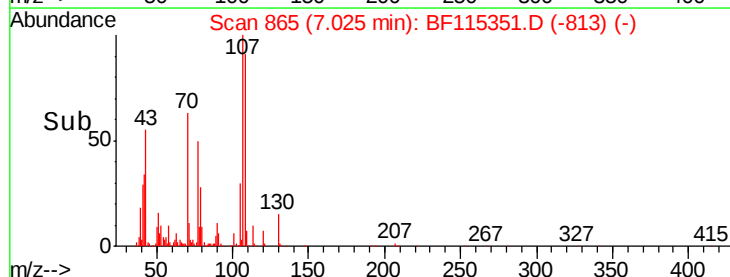
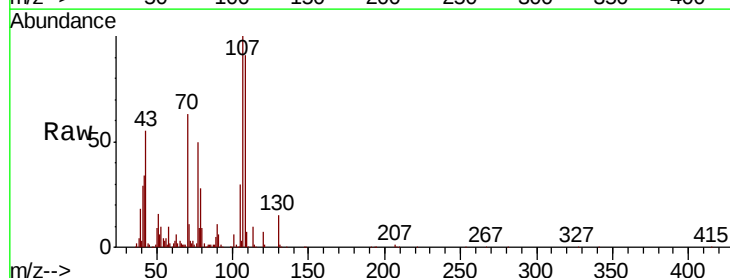
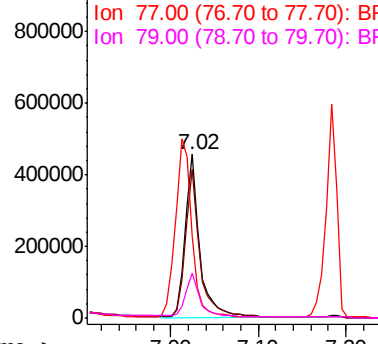
Abundance

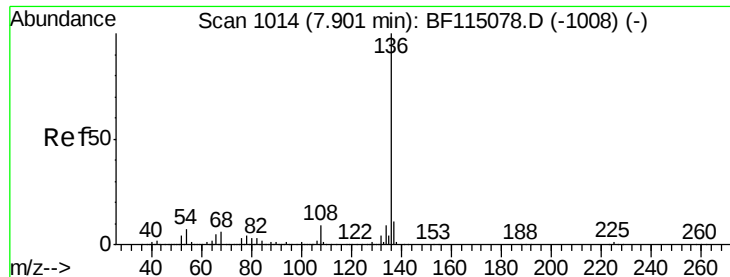
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

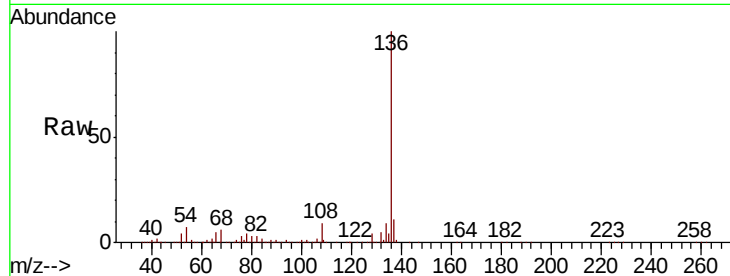




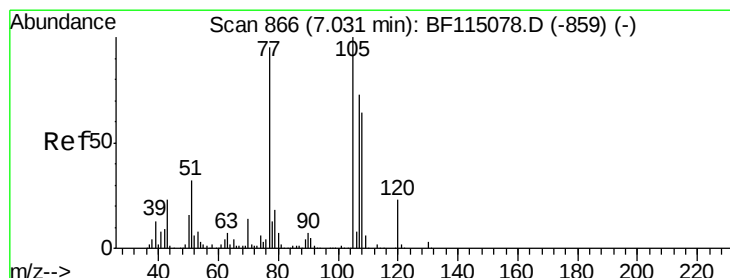
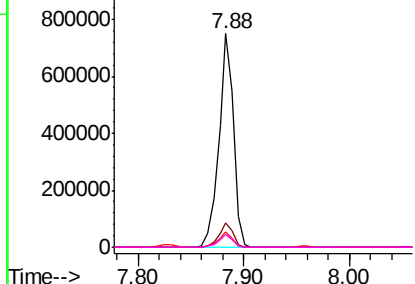
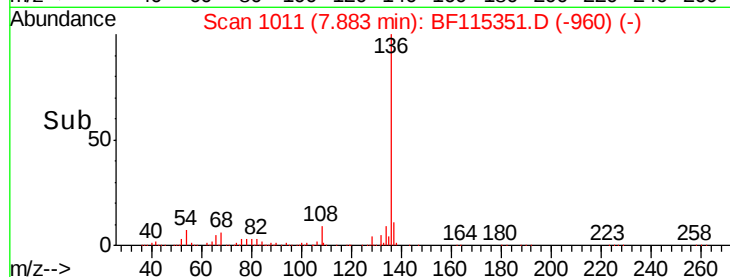
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:136	Resp:	733913
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 7.1	5.6	8.4
68 5.9	4.8	7.2

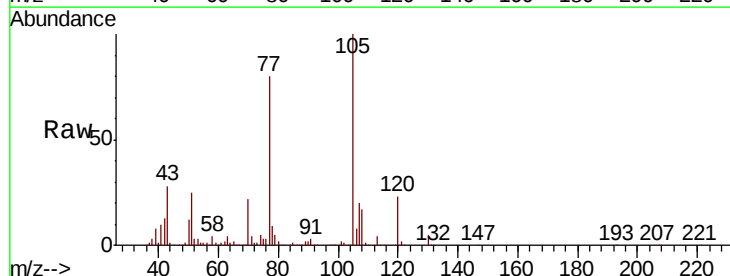


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

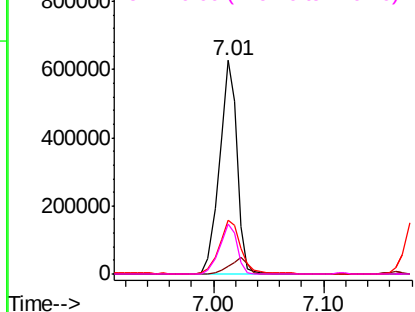
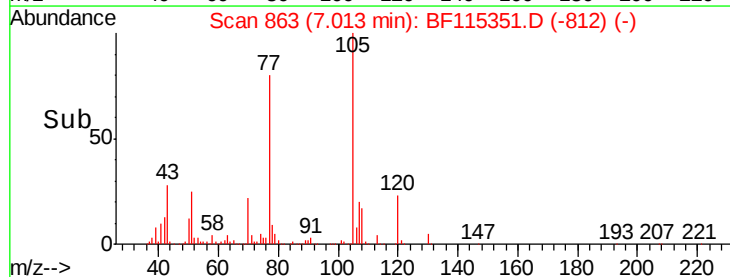


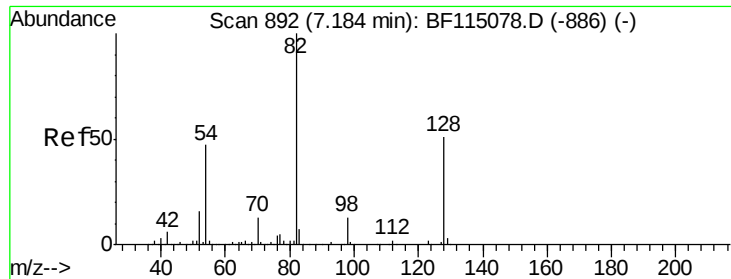
#22
Acetophenone
Concen: 41.015 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt	Ion:105	Resp:	689129
Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.9	2.9#
51	25.4	25.8	38.8#
120	23.5	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

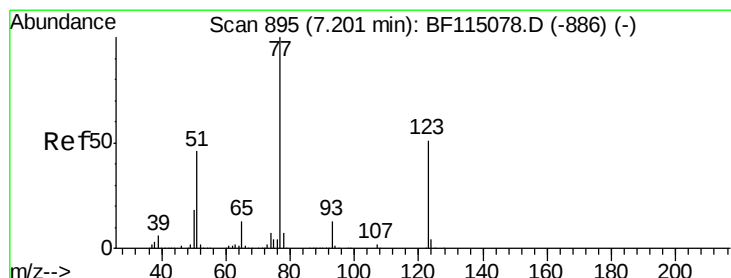
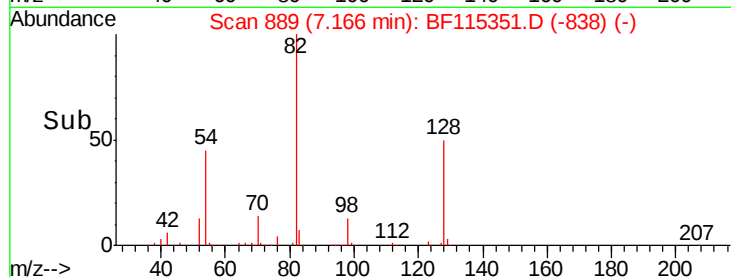
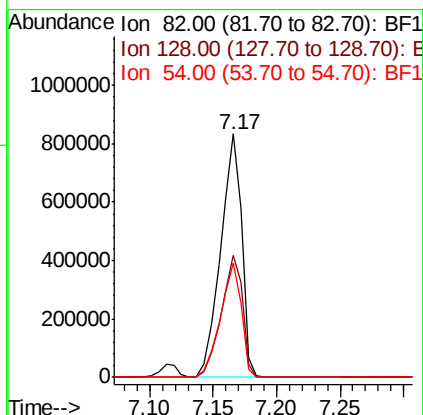
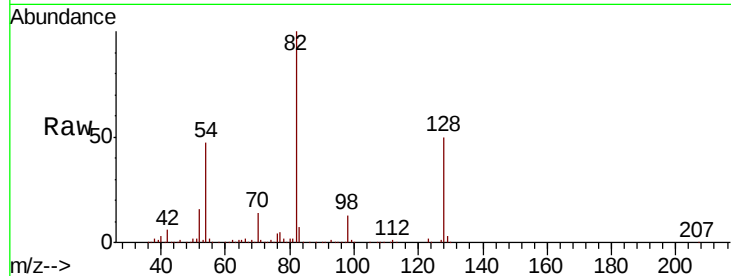




#23
 Nitrobenzene-d5
 Concen: 80.486 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

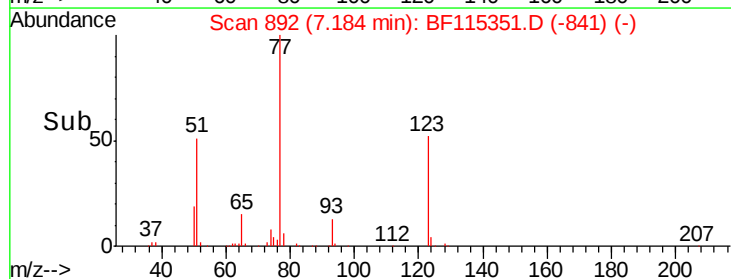
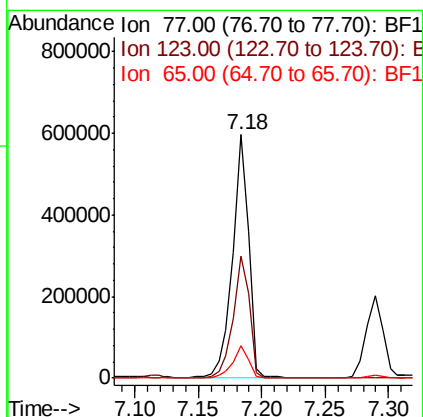
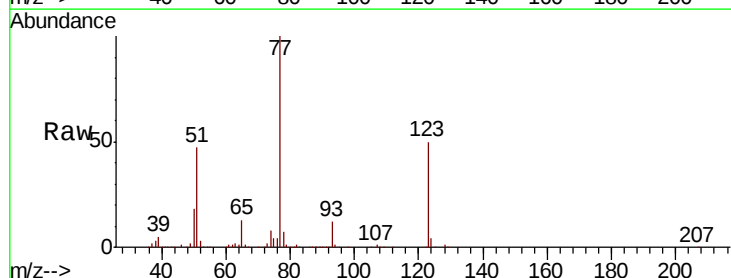
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

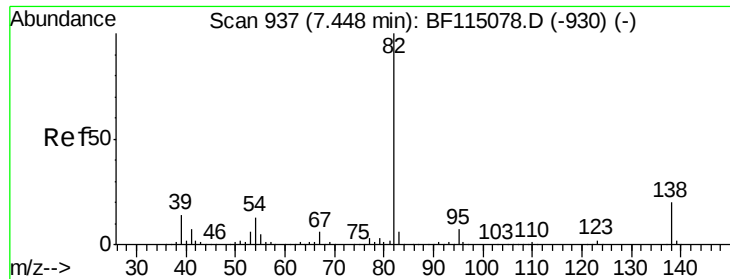
Tot Ion	82	Resp	960249
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.4	60.6
54	46.8	37.5	56.3



#24
 Nitrobenzene
 Concen: 39.232 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion	77	Resp	515650
Ion Ratio	Lower	Upper	
77	100		
123	50.0	41.0	61.6
65	13.1	10.5	15.7

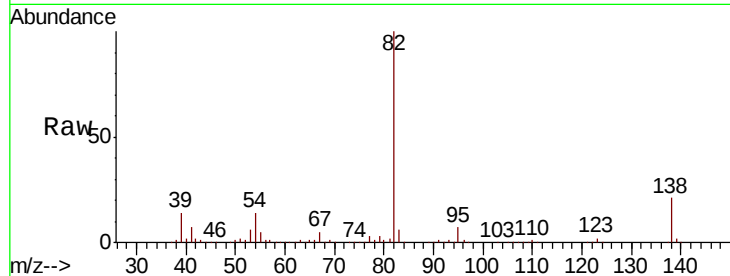




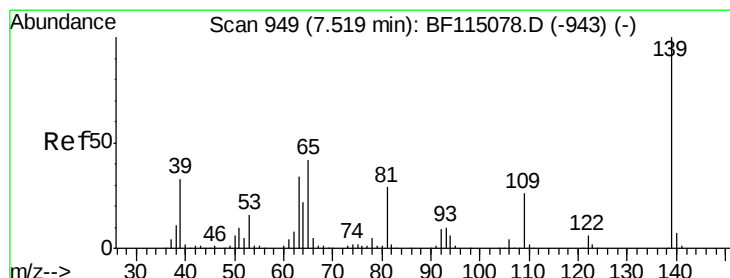
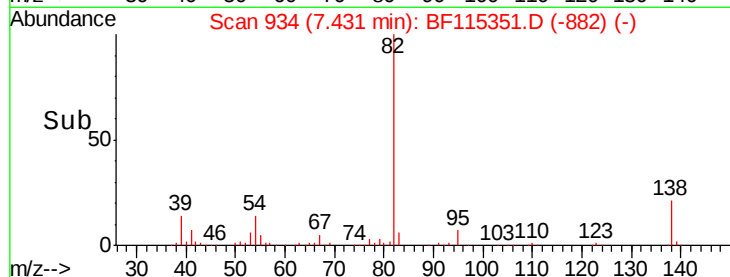
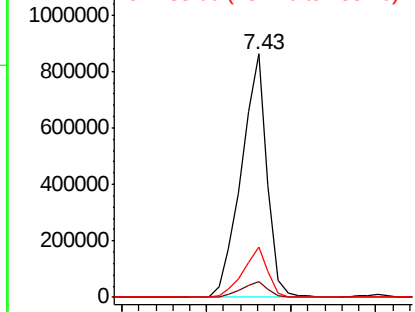
#25
Isophorone
Concen: 37.402 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion: 82 Resp: 914116
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 20.5 15.9 23.9

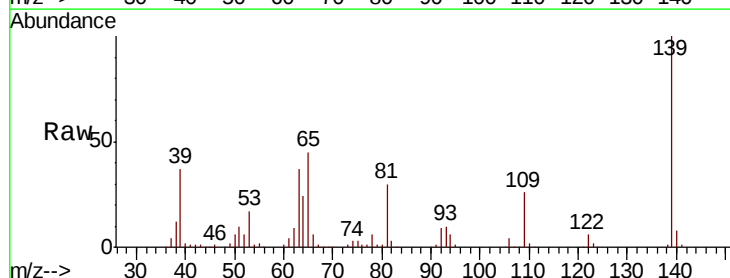


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

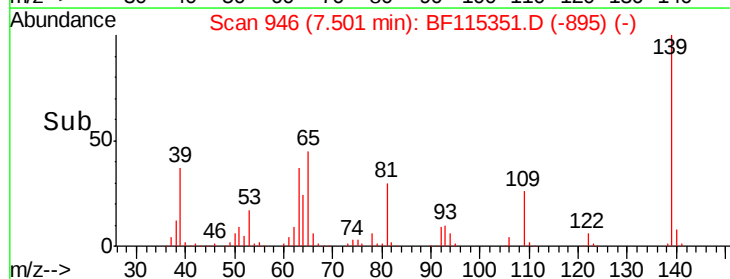
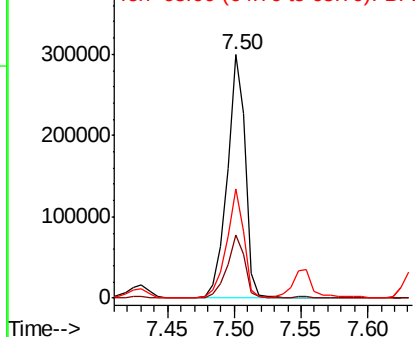


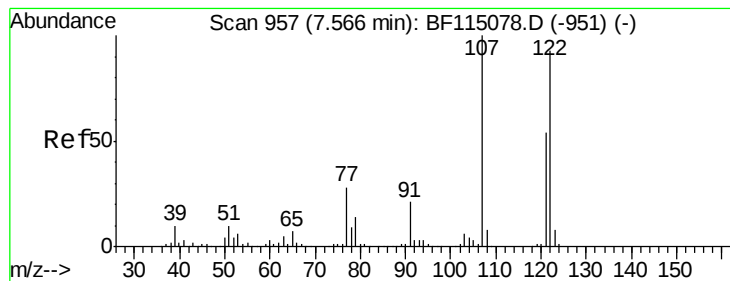
#26
2-Nitrophenol
Concen: 44.158 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion: 139 Resp: 286627
Ion Ratio Lower Upper
139 100
109 26.1 20.4 30.6
65 44.9 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 44.709 ng

RT: 7.55 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

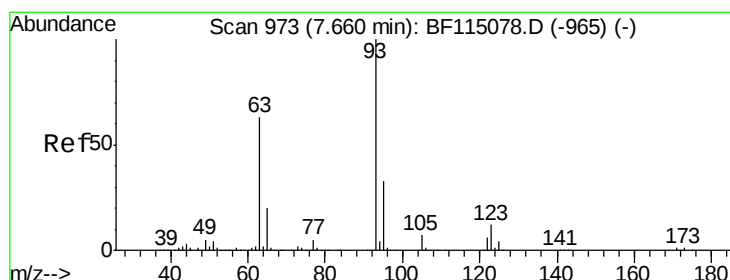
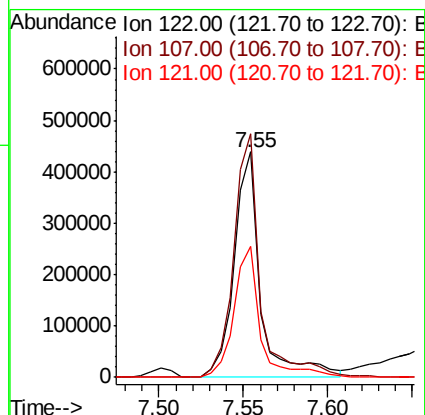
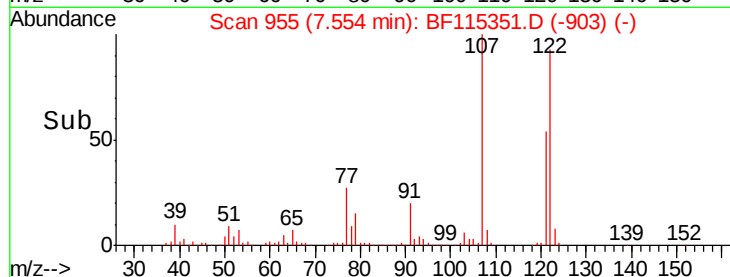
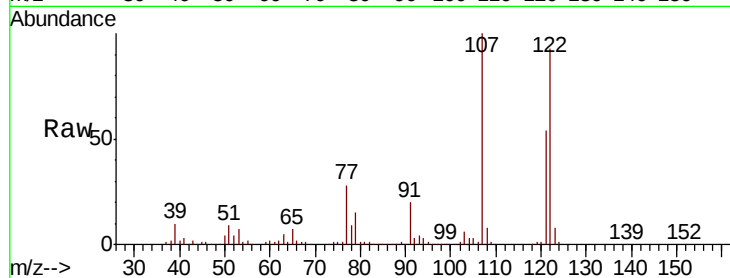
Tot Ion:122 Resp: 475143

Ion Ratio Lower Upper

122 100

107 108.0 85.8 128.6

121 58.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.666 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

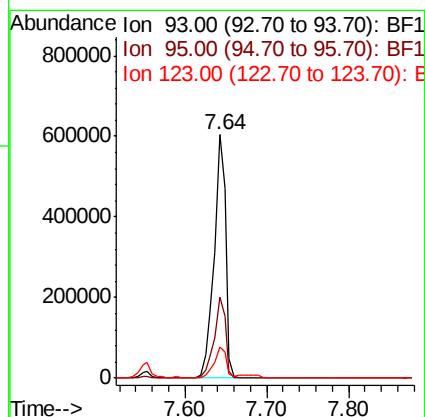
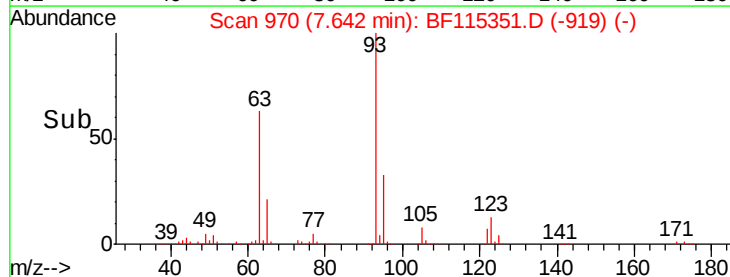
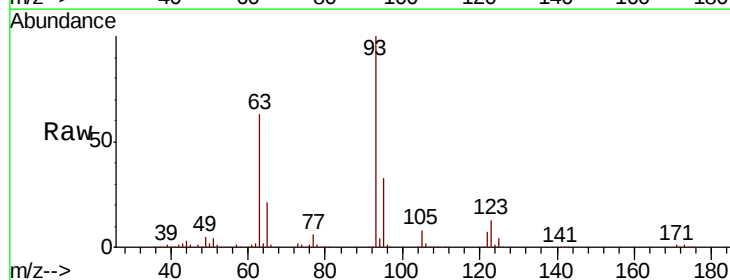
Tgt Ion: 93 Resp: 597286

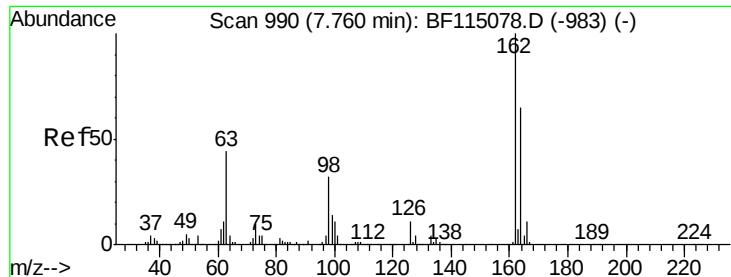
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 12.5 9.7 14.5

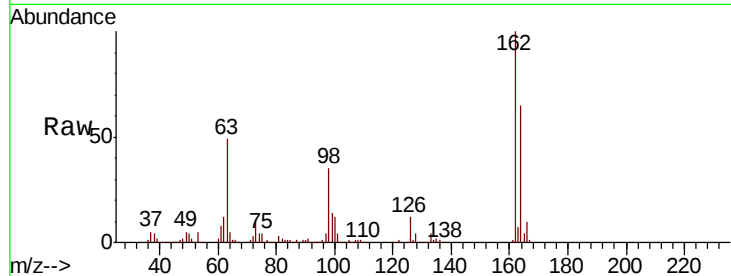




#29
2,4-Dichlorophenol
Concen: 40.988 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.3	85.3
98	35.2	12.5	52.5

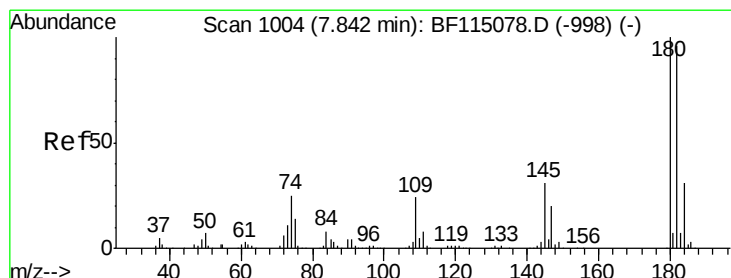
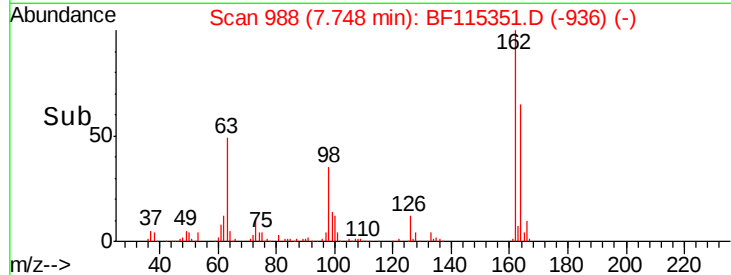
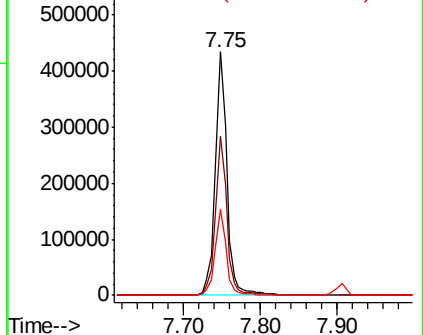


Abundance

Ion 162.00 (161.70 to 162.70): E

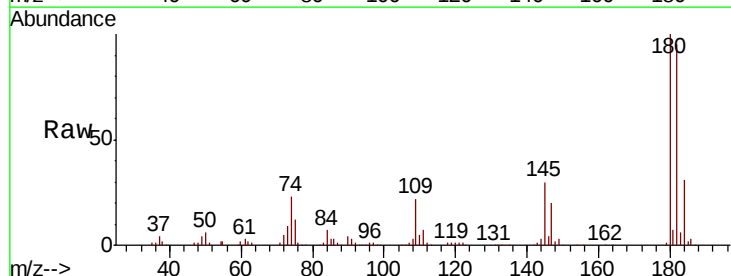
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.123 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	29.8	24.8	37.2

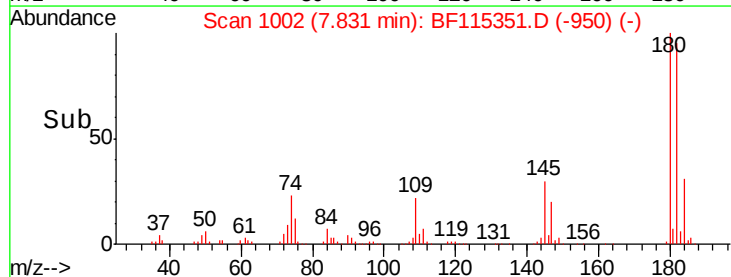
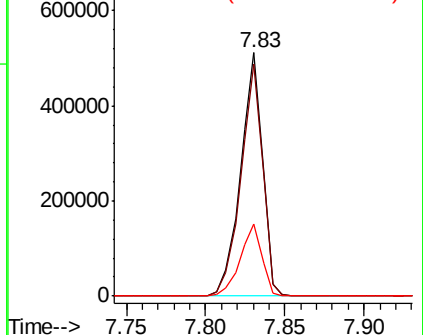


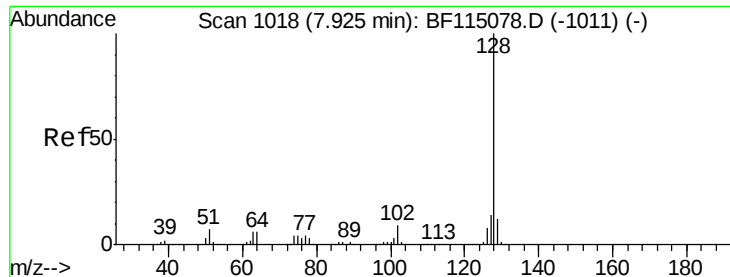
Abundance

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

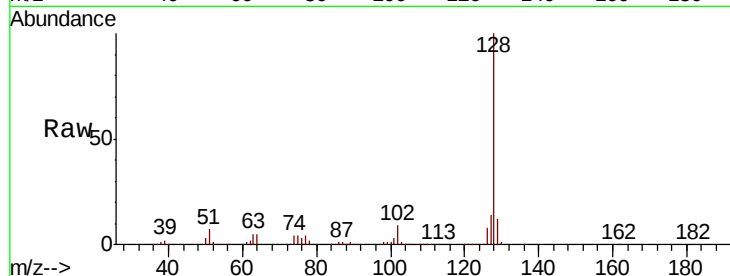




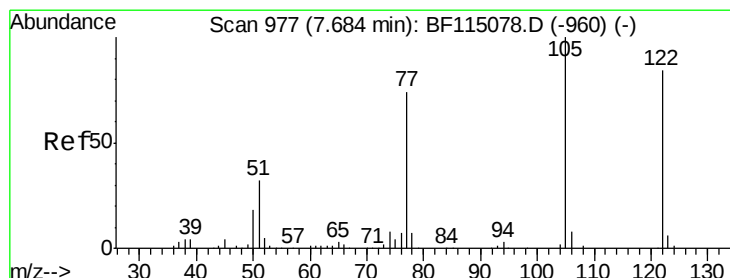
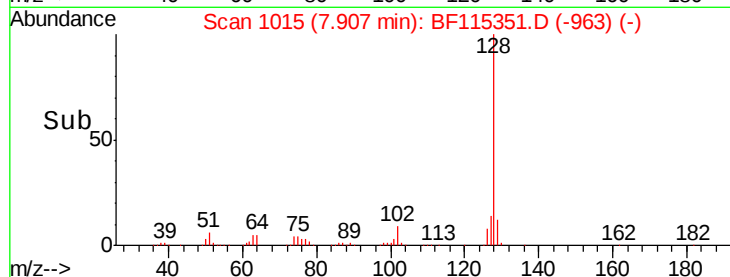
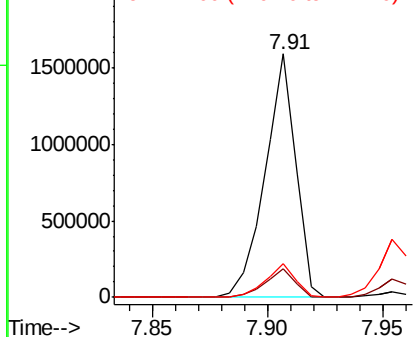
#31
Naphthalene
Concen: 40.796 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:128 Resp: 1469705
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.0 11.4 17.0

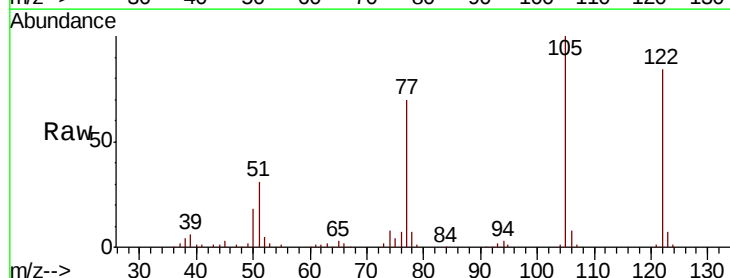


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

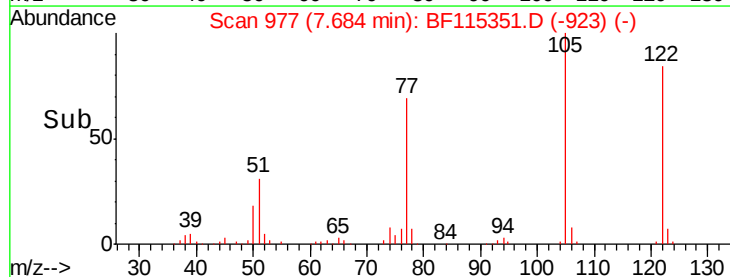
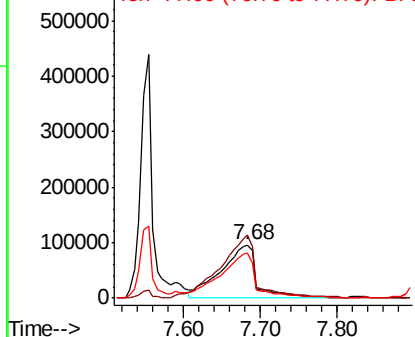


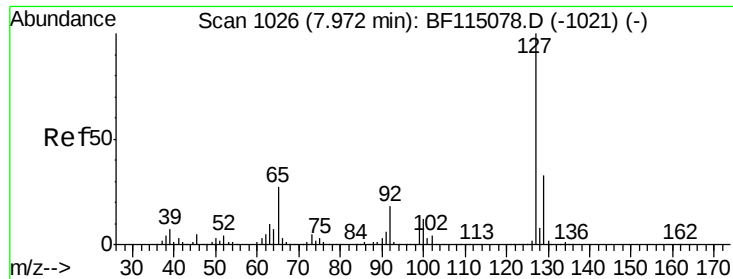
#32
Benzoic acid
Concen: 40.057 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:122 Resp: 303878
Ion Ratio Lower Upper
122 100
105 119.0 98.2 138.2
77 83.6 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

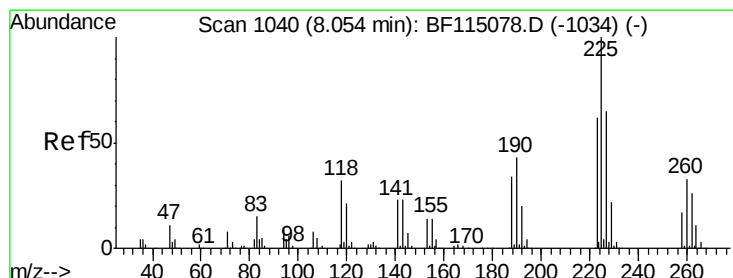
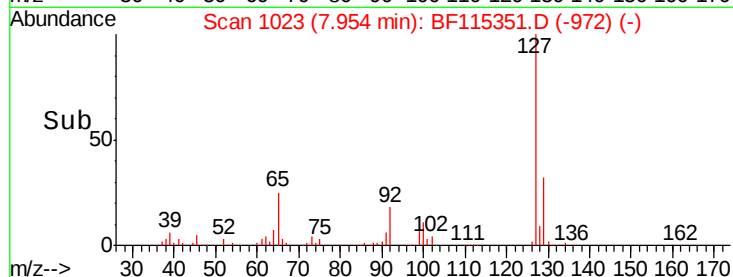
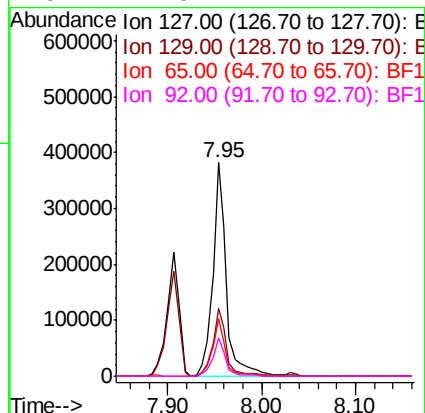
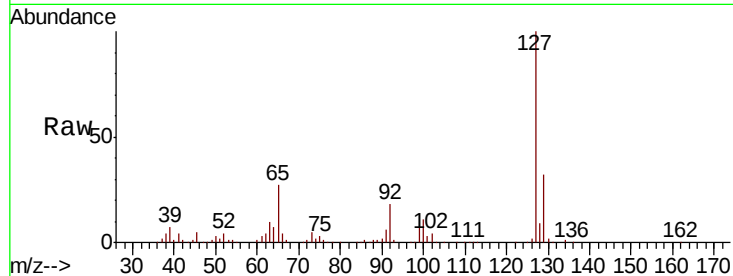




#33
4-Chloroaniline
Concen: 23.635 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

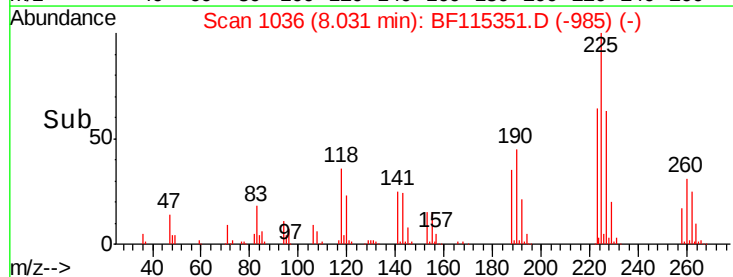
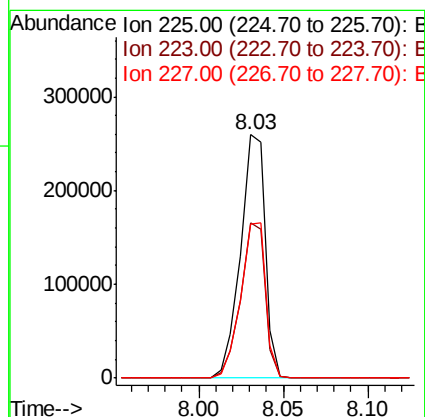
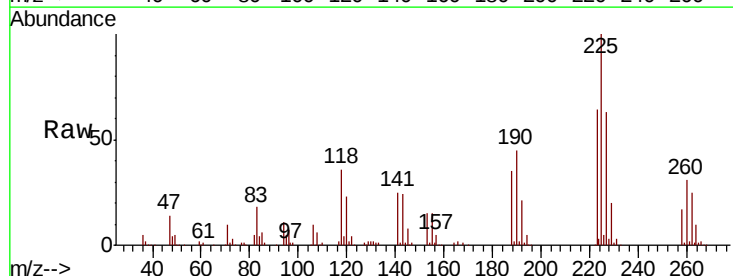
Instrument :
BNA_F
ClientSampleId :
PB121059BS

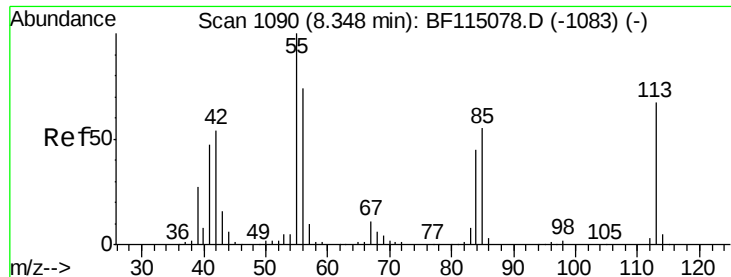
Tot Ion:	127	Resp:	389145
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.2	21.4	32.2
92	17.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 39.986 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:	225	Resp:	265461
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	63.4	51.8	77.8

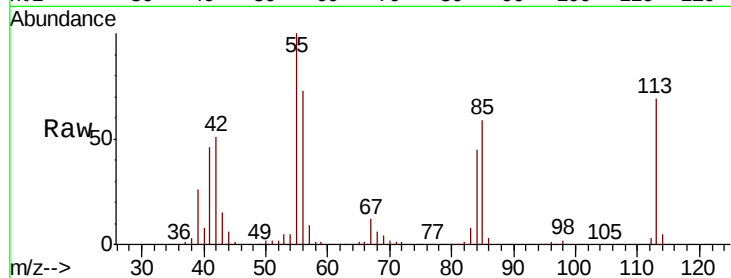




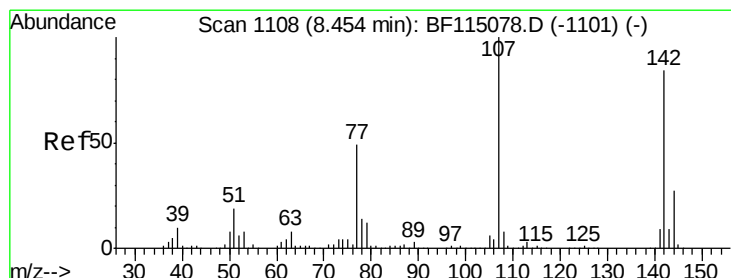
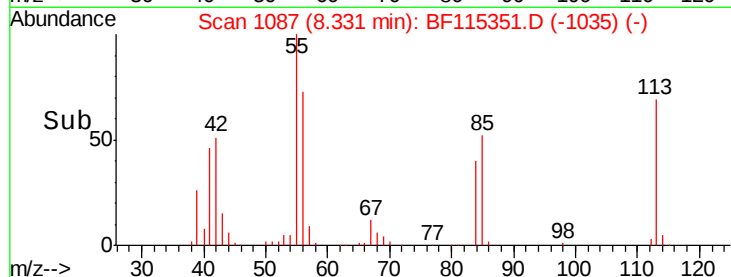
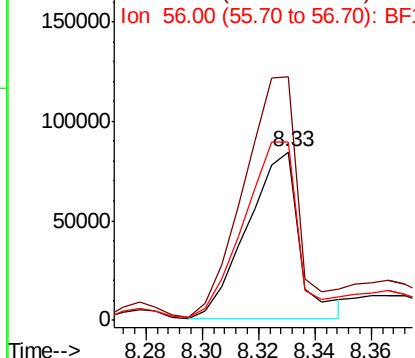
#35
 Caprolactam
 Concen: 29.175 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion:113 Resp: 107580
 Ion Ratio Lower Upper
 113 100
 55 144.3 130.2 170.2
 56 105.8 91.6 131.6

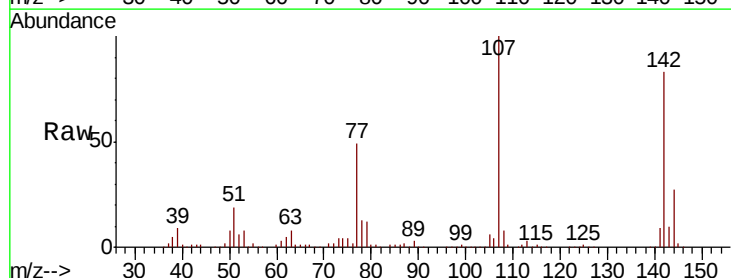


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

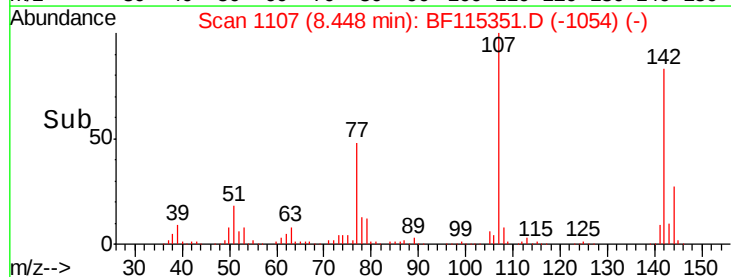
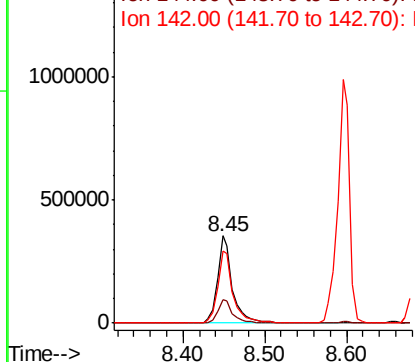


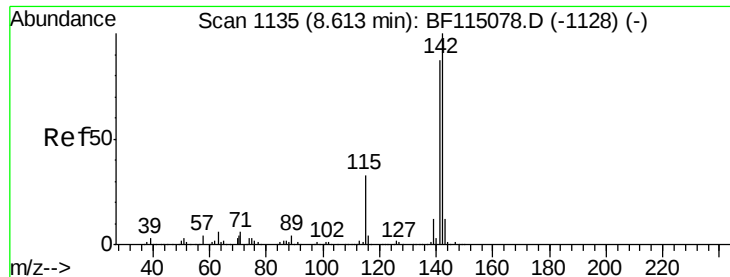
#36
 4-Chloro-3-methylphenol
 Concen: 40.395 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:107 Resp: 448672
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.7 32.5
 142 83.4 67.0 100.4



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

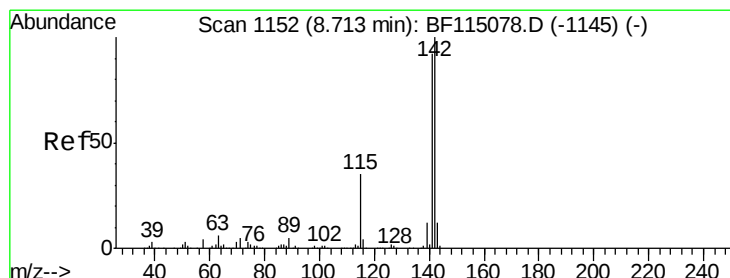
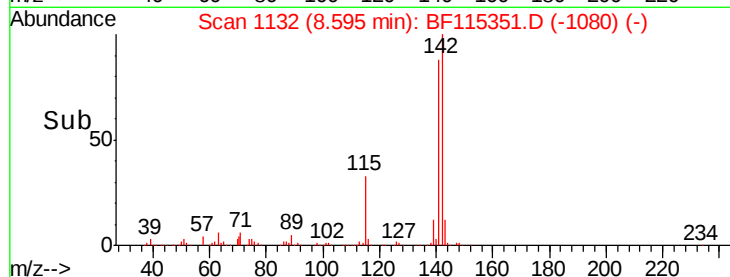
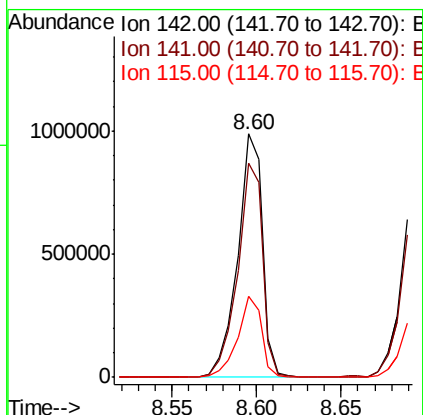
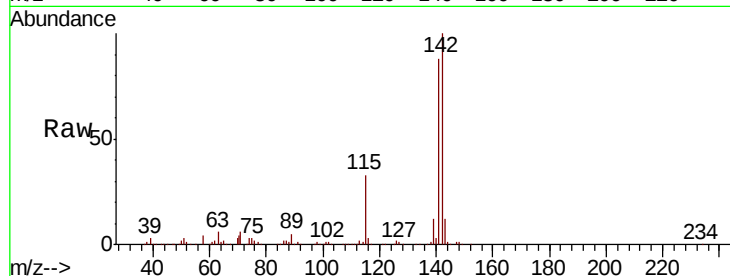




#37
 2-Methylnaphthalene
 Concen: 41.564 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

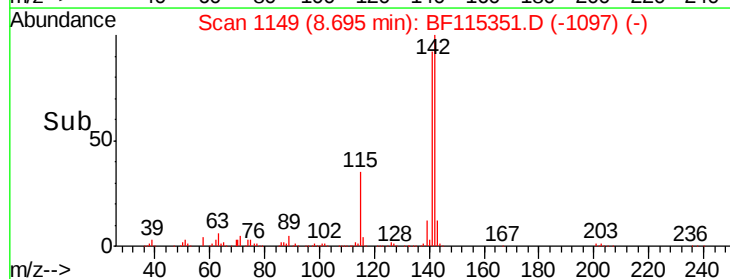
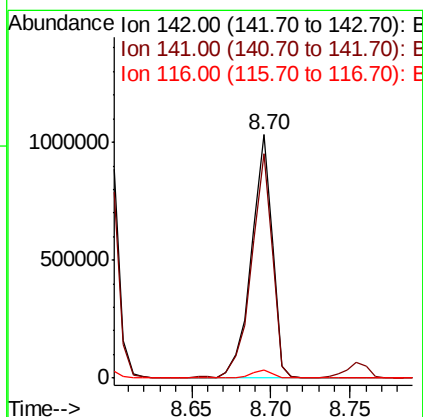
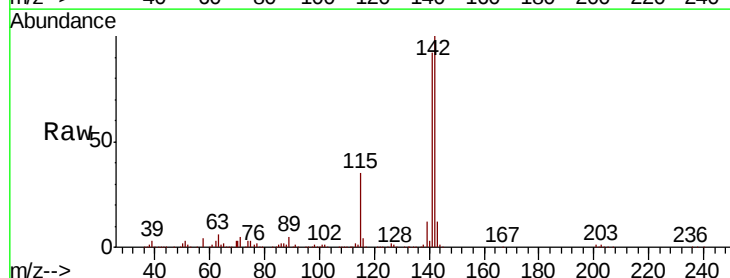
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

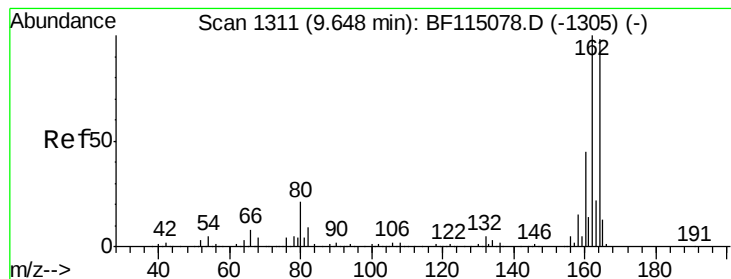
Tot Ion:142 Resp: 1009625
 Ion Ratio Lower Upper
 142 100
 141 88.0 69.8 104.6
 115 33.1 26.7 40.1



#38
 1-Methylnaphthalene
 Concen: 40.458 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:142 Resp: 938588
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.8 110.8
 116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleID :

PB121059BS

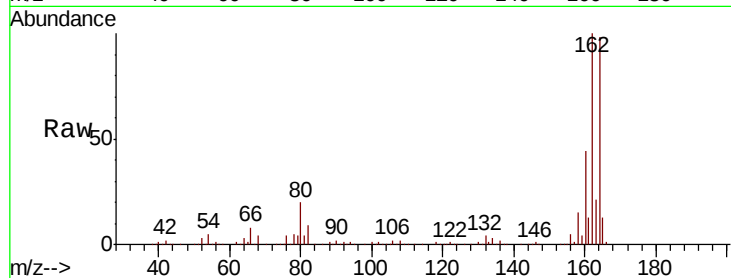
Tot Ion:164 Resp: 363115

Ion Ratio Lower Upper

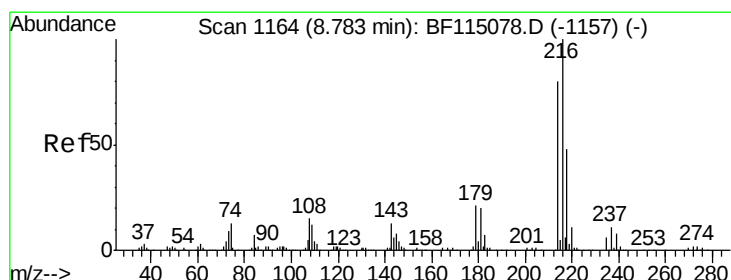
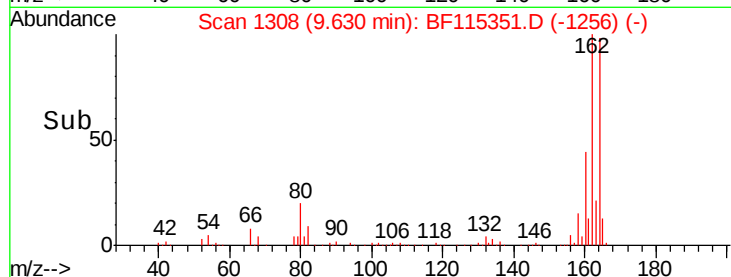
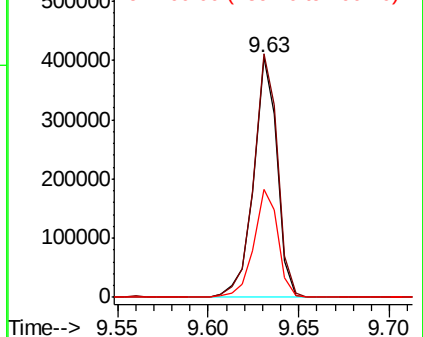
164 100

162 101.7 81.7 122.5

160 45.1 37.0 55.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.612 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Tgt Ion:216 Resp: 437246

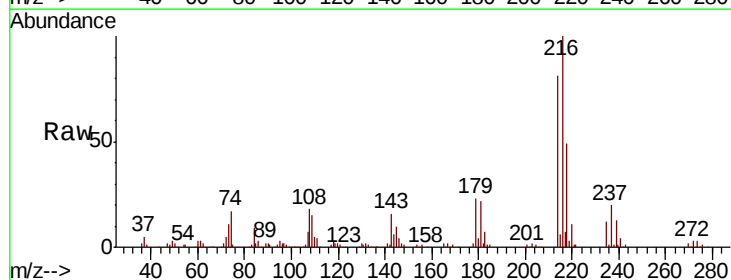
Ion Ratio Lower Upper

216 100

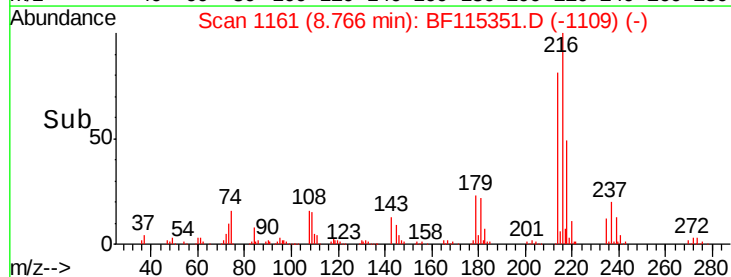
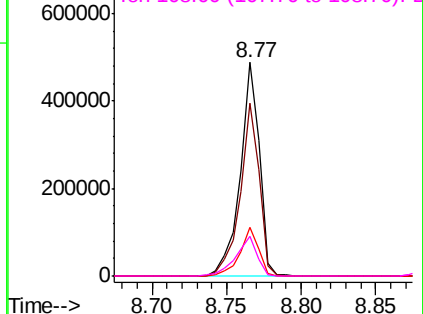
214 79.8 63.8 95.6

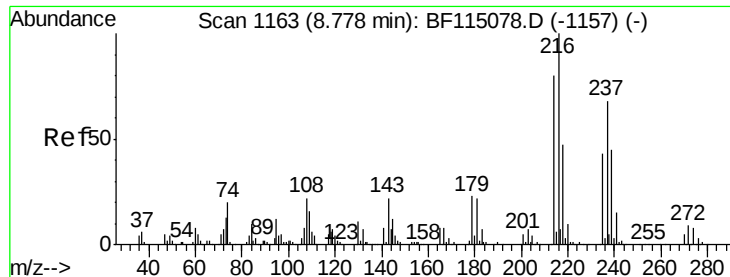
179 22.2 17.6 26.4

108 20.5 15.7 23.5



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: 83.622 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

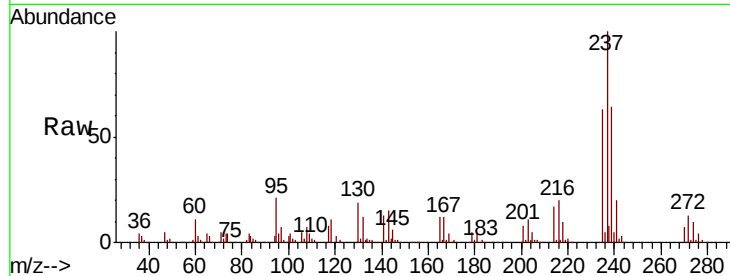
Tot Ion:237 Resp: 508793

Ion Ratio Lower Upper

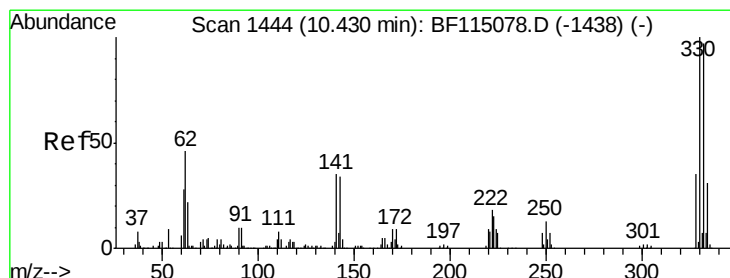
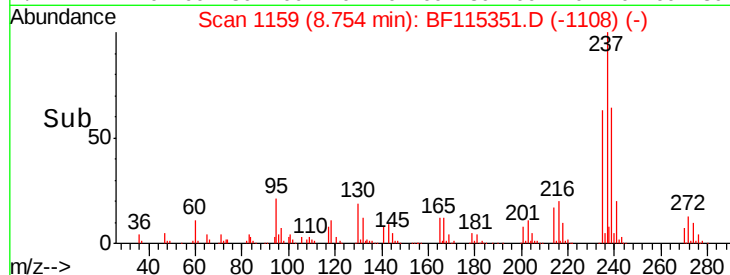
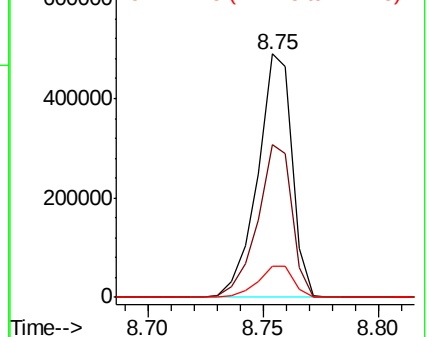
237 100

235 63.0 43.9 83.9

272 12.7 0.0 33.8



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: 87.706 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

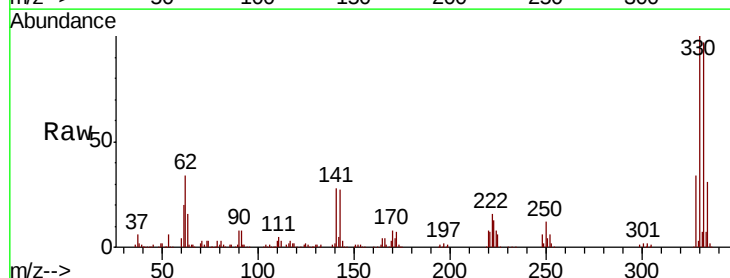
Tgt Ion:330 Resp: 335843

Ion Ratio Lower Upper

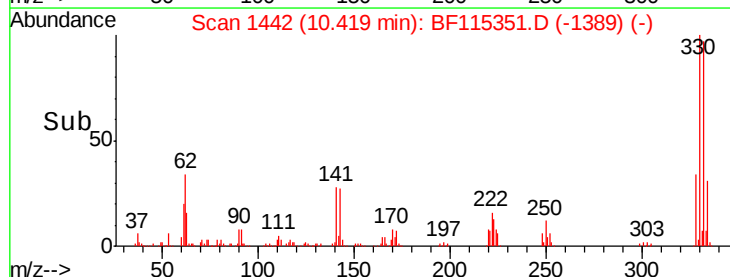
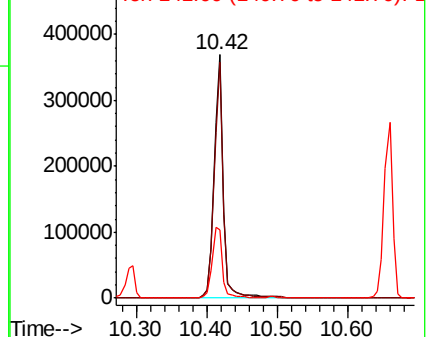
330 100

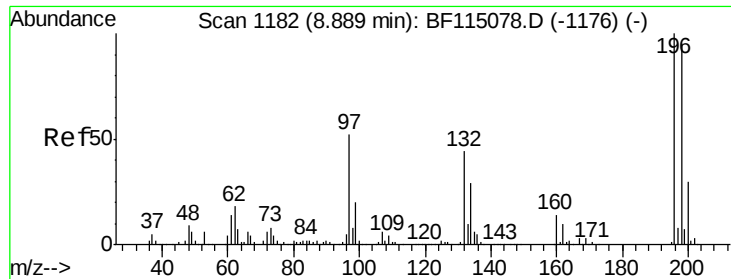
332 96.6 77.3 115.9

141 32.4 28.2 42.2



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

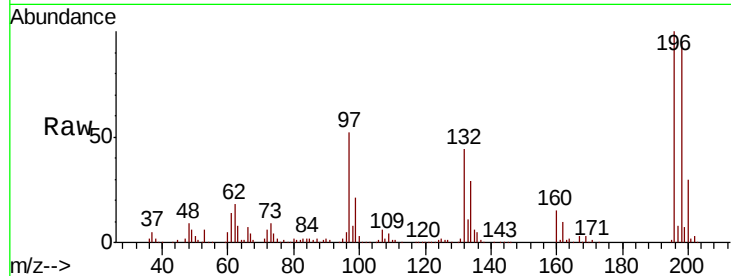




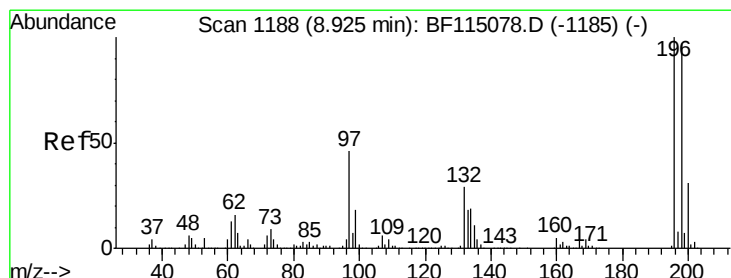
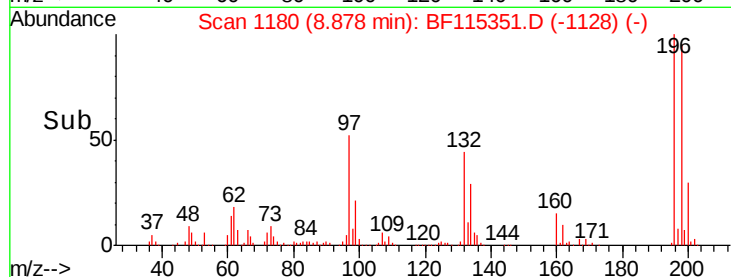
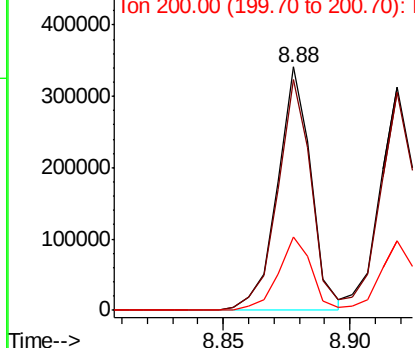
#43
 2,4,6-Trichlorophenol
 Concen: 39.677 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion:196 Resp: 314318
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 30.2 24.2 36.4

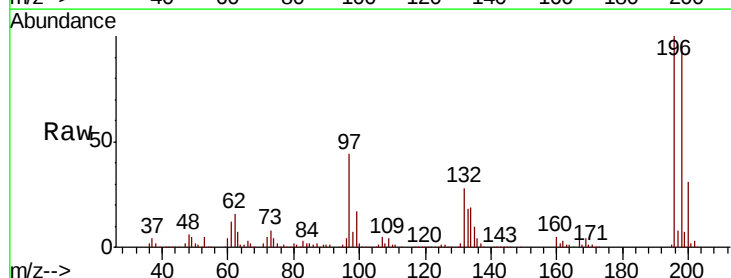


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

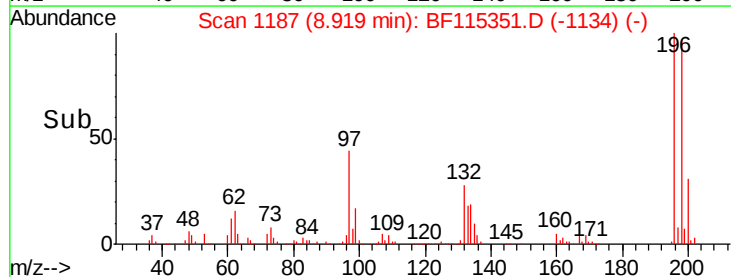
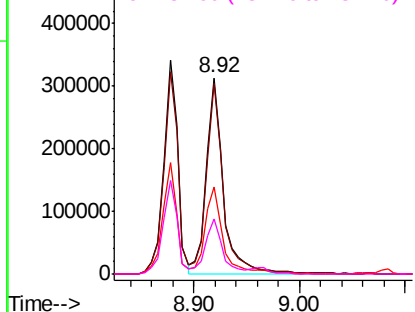


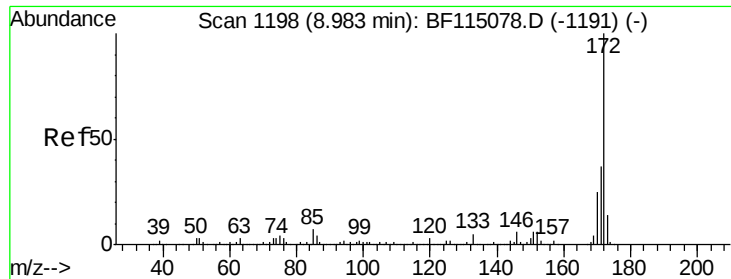
#44
 2,4,5-Trichlorophenol
 Concen: 42.943 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:196 Resp: 350330
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.1 115.7
 97 44.1 37.7 56.5
 132 28.4 23.1 34.7



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: 89.182 ng

RT: 8.97 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

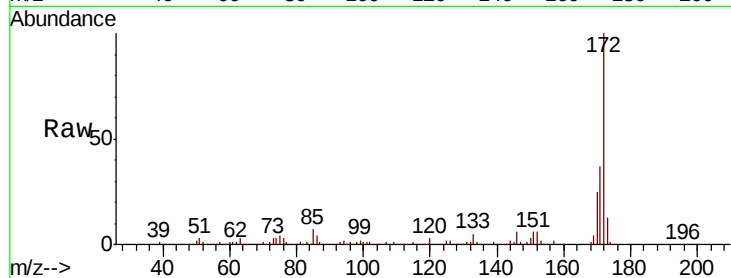
BNA_F

ClientSampleId :

PB121059BS

Tot Ion:172 Resp: 1906456

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.3	20.3	30.5

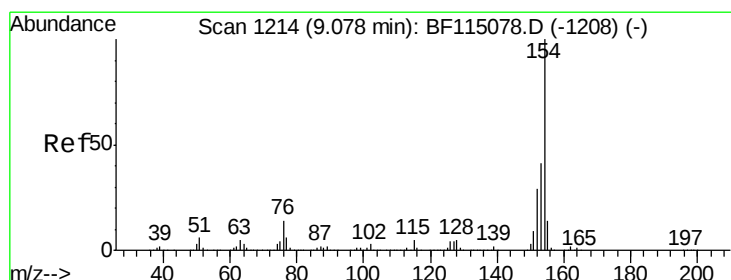
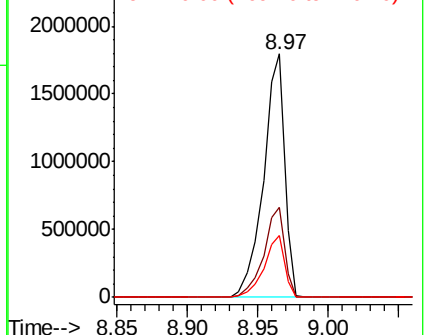
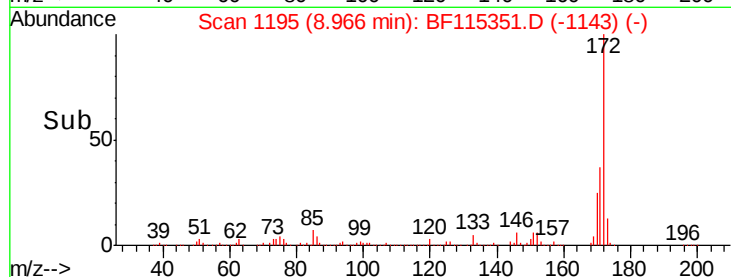


Abundance

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: 41.120 ng

RT: 9.06 min Scan# 1211

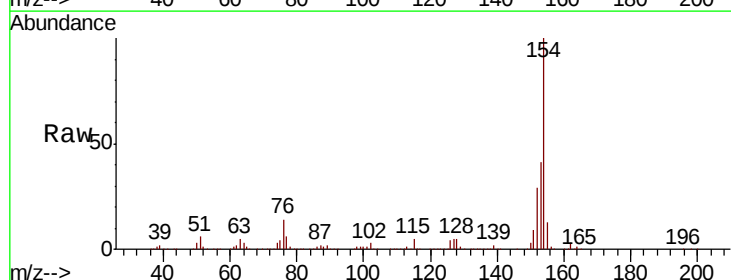
Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Tgt Ion:154 Resp: 1194720

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	13.6	0.0	34.1

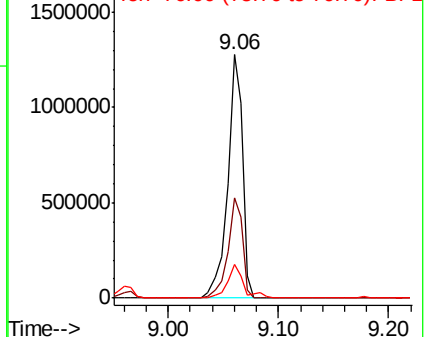
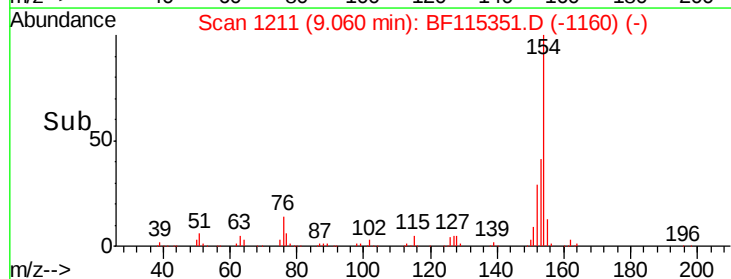


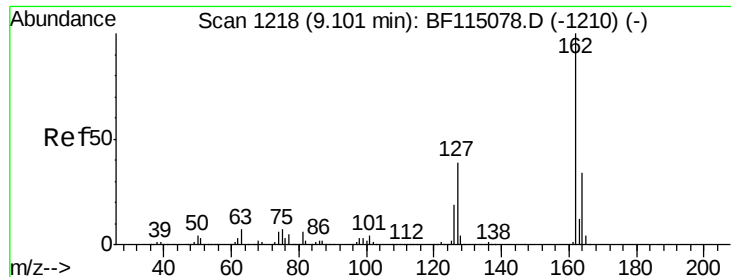
Abundance

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

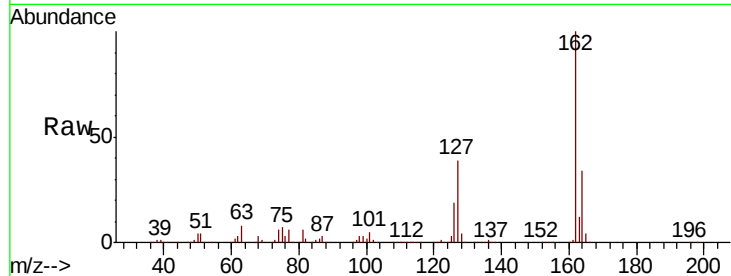




#47
 2-Chloronaphthalene
 Concen: 40.233 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.8	46.2
164	33.9	27.0	40.4

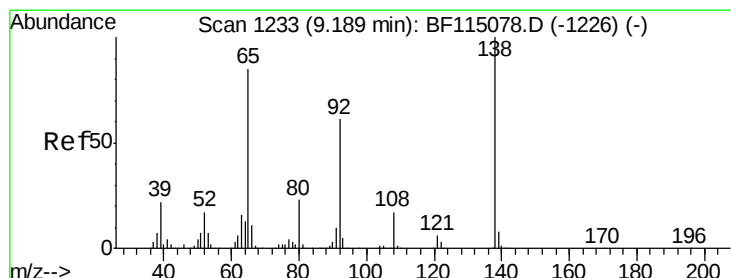
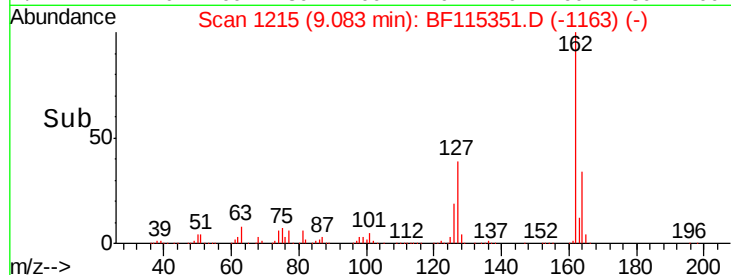
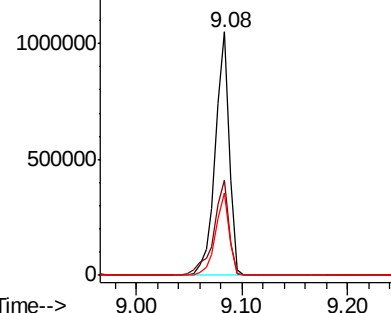


Abundance

Ion 162.00 (161.70 to 162.70): E

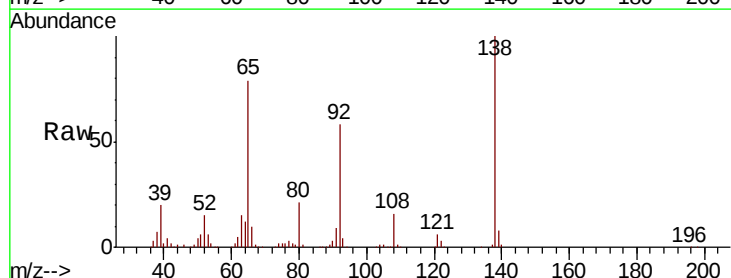
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.090 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.4	86.2
138	126.0	94.1	141.1

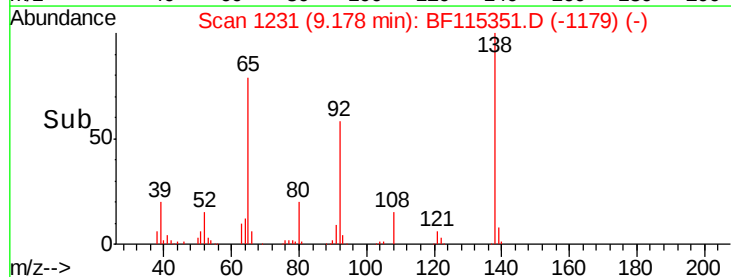
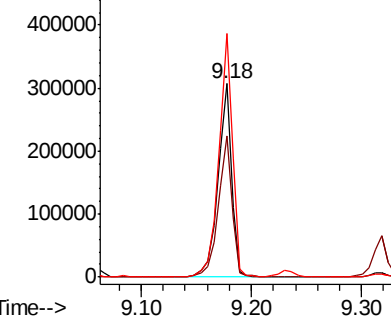


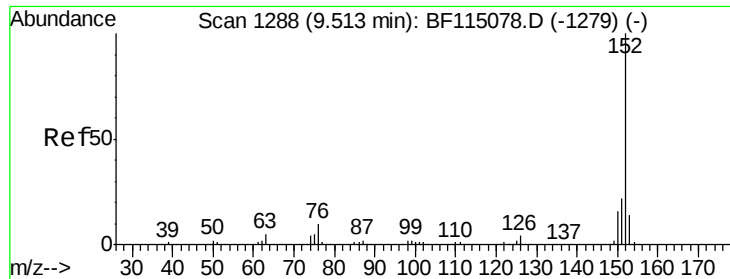
Abundance

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: 40.388 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

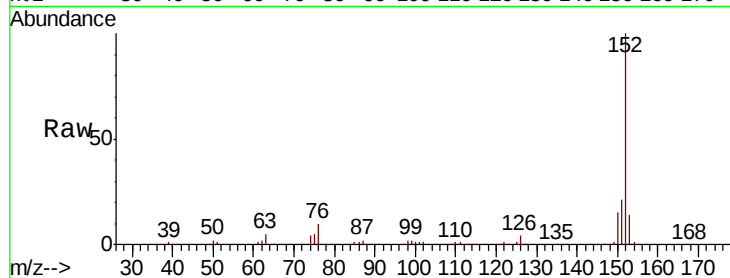
Tot Ion:152 Resp: 1483005

Ion Ratio Lower Upper

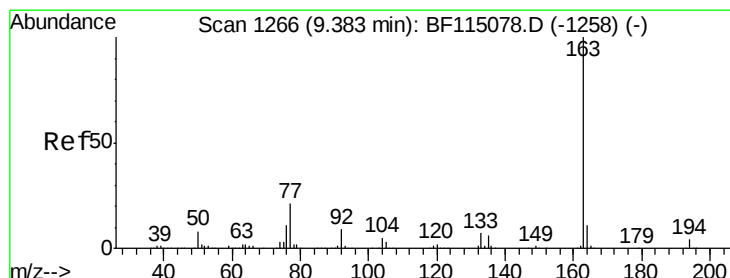
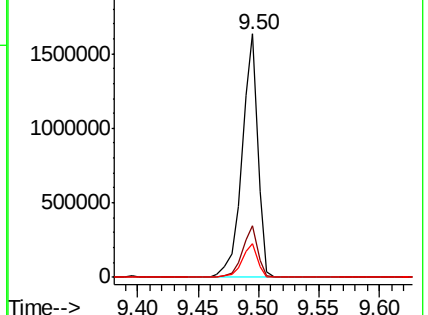
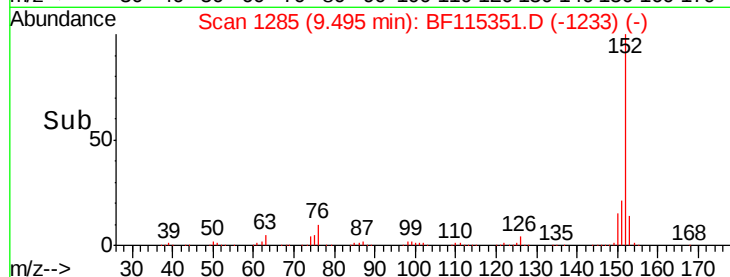
152 100

151 21.0 17.2 25.8

153 13.8 11.0 16.6



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



#50

Dimethylphthalate

Concen: 40.913 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

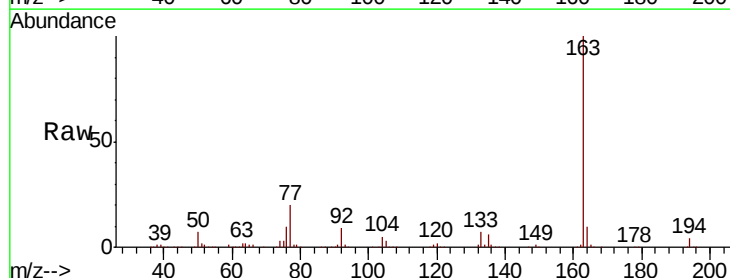
Tgt Ion:163 Resp: 1093006

Ion Ratio Lower Upper

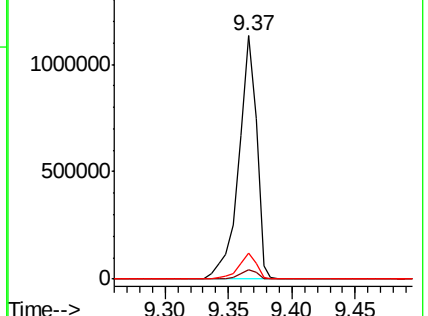
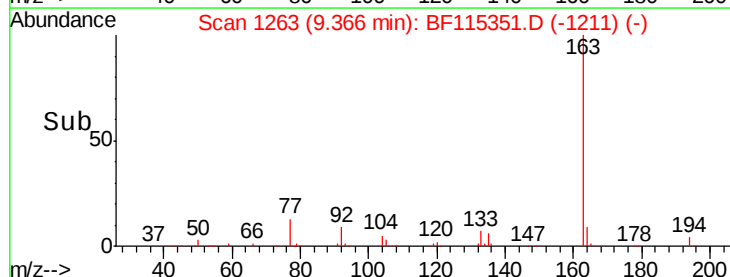
163 100

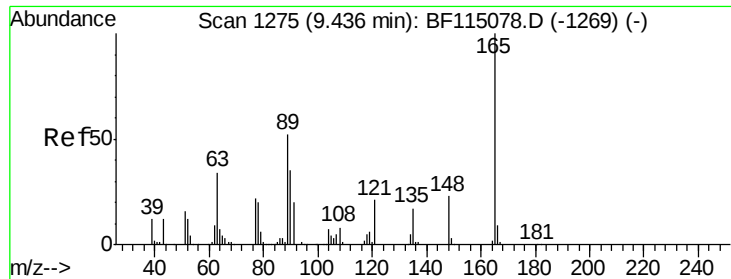
194 4.0 3.2 4.8

164 10.5 8.6 13.0



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

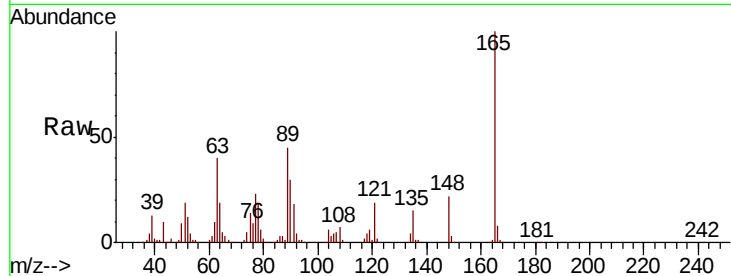




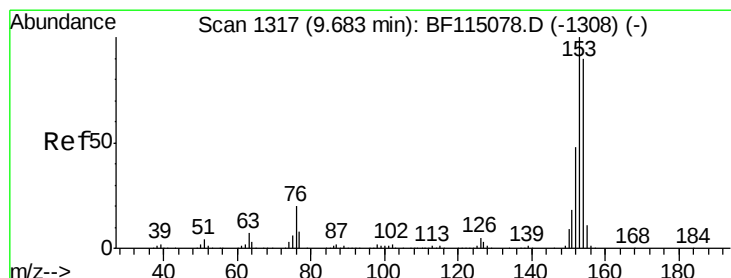
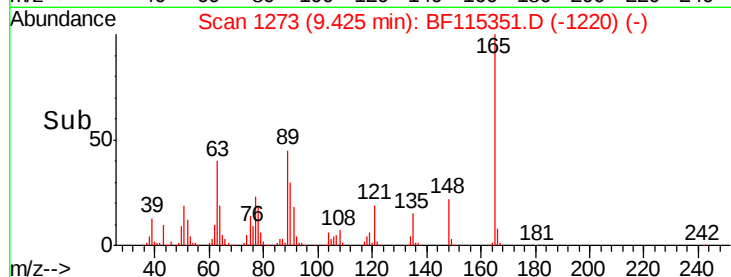
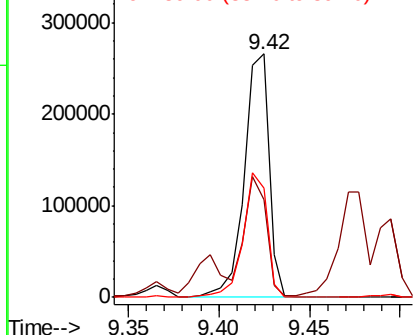
#51
 2,6-Dinitrotoluene
 Concen: 41.042 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion:165 Resp: 253132
 Ion Ratio Lower Upper
 165 100
 63 40.2 39.4 59.2
 89 44.8 42.0 63.0

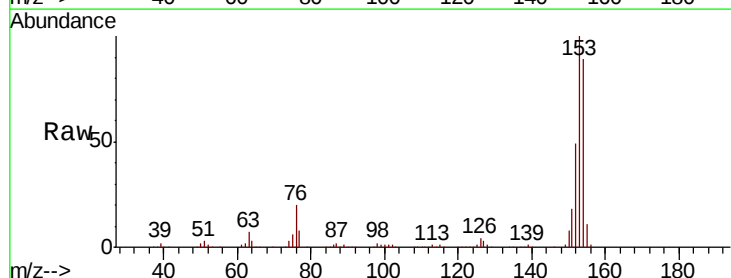


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

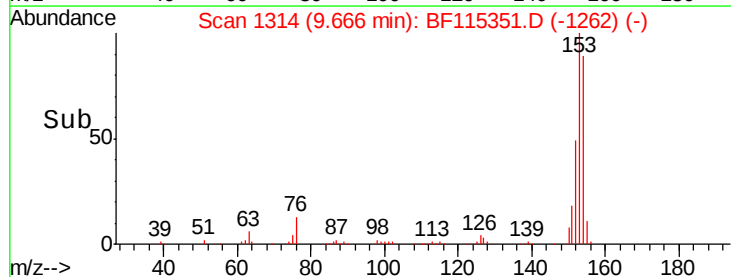
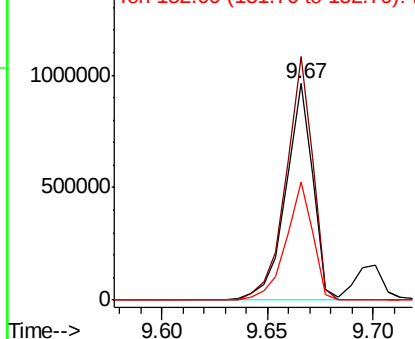


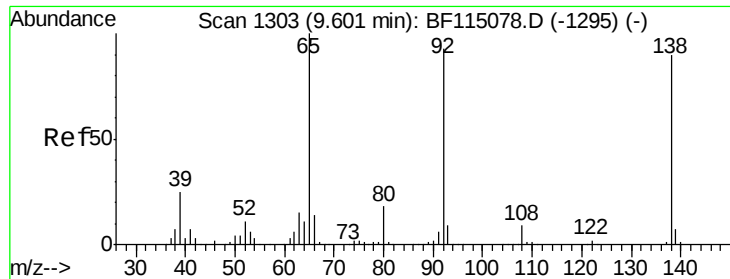
#52
 Acenaphthene
 Concen: 37.411 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:154 Resp: 859597
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.7 133.1
 152 54.7 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

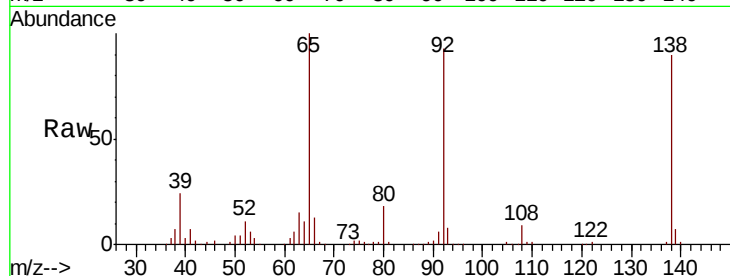




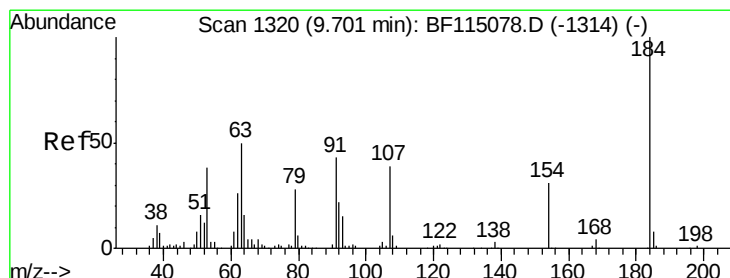
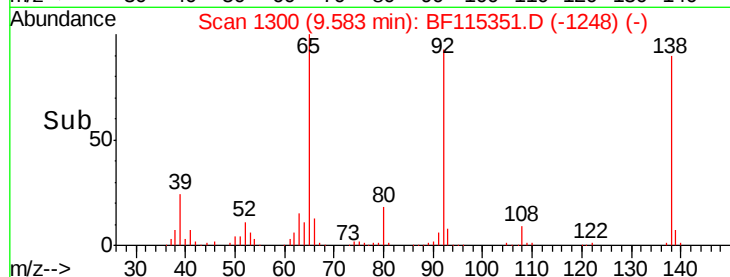
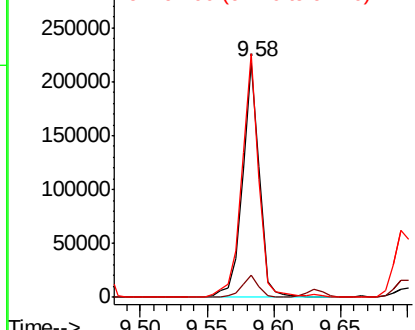
#53
 3-Nitroaniline
 Concen: 25.376 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion:138 Resp: 190996
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 103.7 82.9 124.3

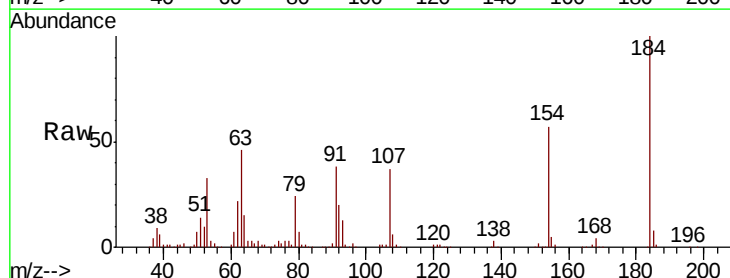


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

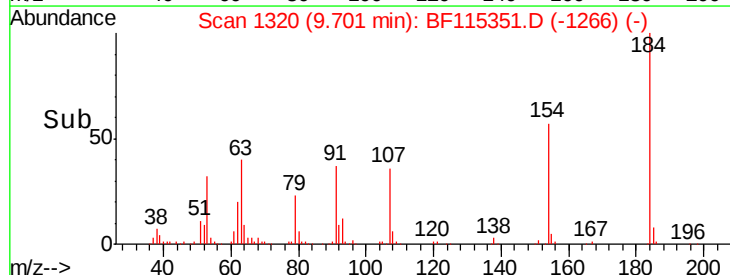
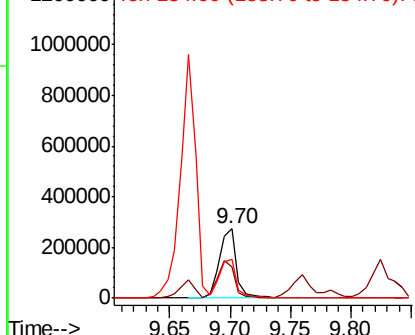


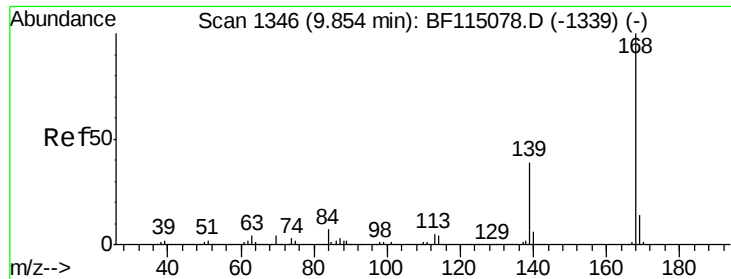
#54
 2,4-Dinitrophenol
 Concen: 83.965 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:184 Resp: 267751
 Ion Ratio Lower Upper
 184 100
 63 45.8 41.9 62.9
 154 56.6 44.7 67.1



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

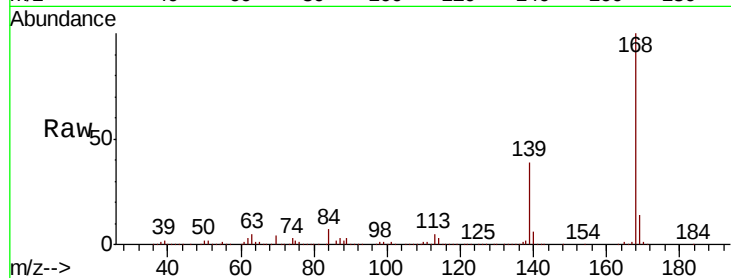




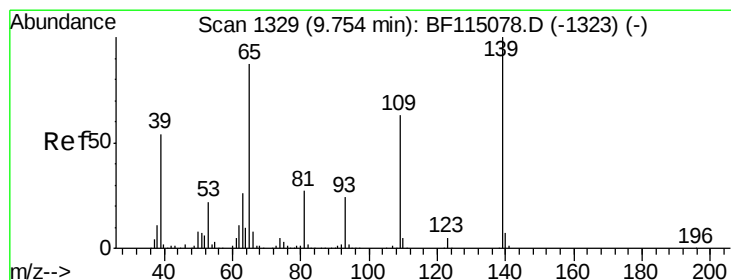
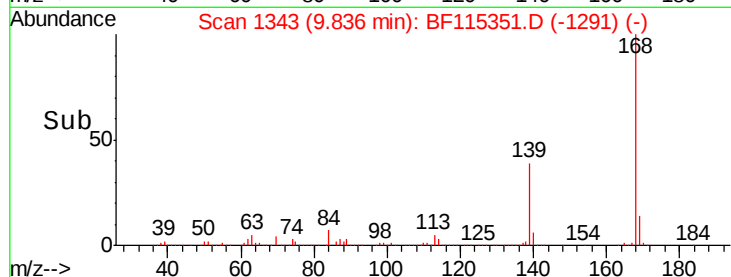
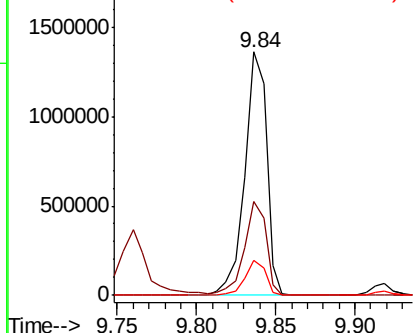
#55
Dibenzofuran
Concen: 39.534 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:168 Resp: 1303753
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 14.1 11.3 16.9

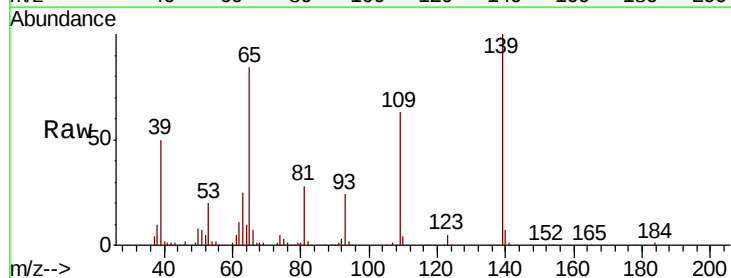


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

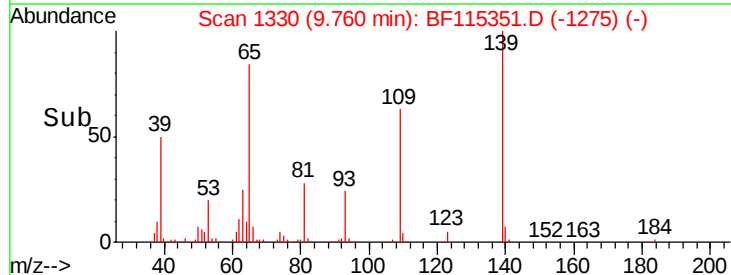
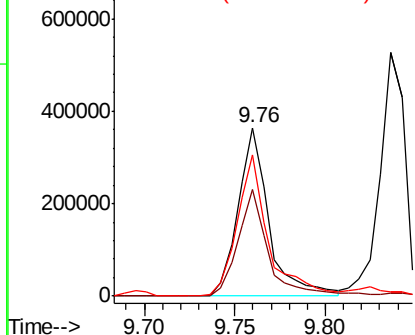


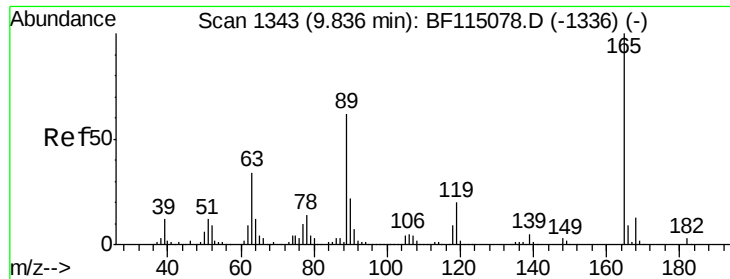
#56
4-Nitrophenol
Concen: 71.722 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:139 Resp: 432776
Ion Ratio Lower Upper
139 100
109 63.2 43.0 83.0
65 83.6 67.0 107.0



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

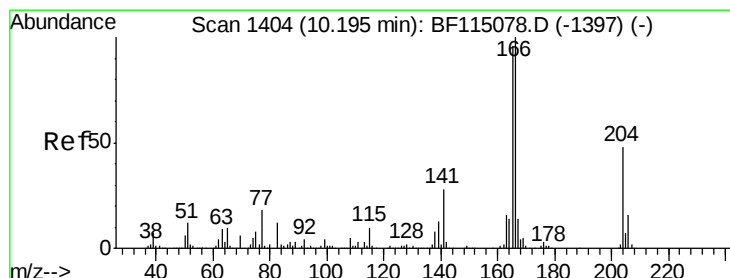
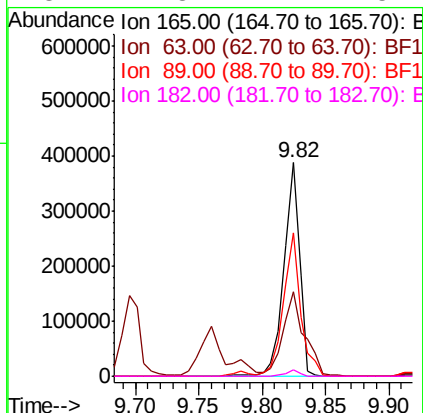
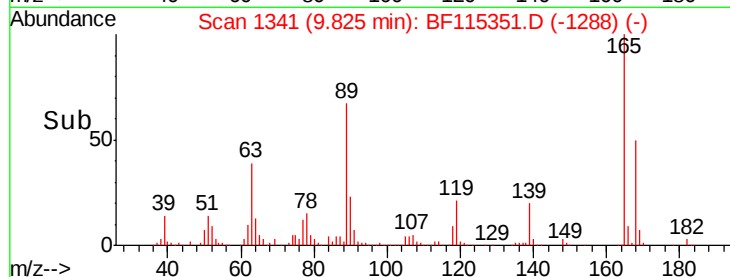
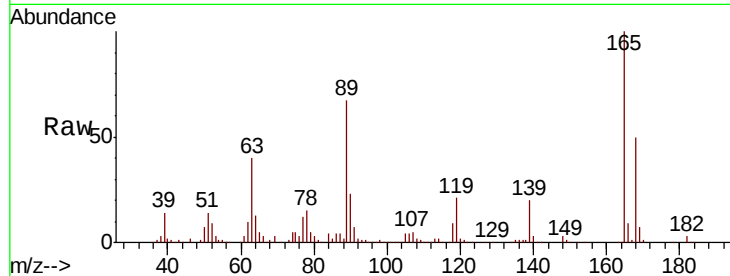




#57
2,4-Dinitrotoluene
Concen: 41.919 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

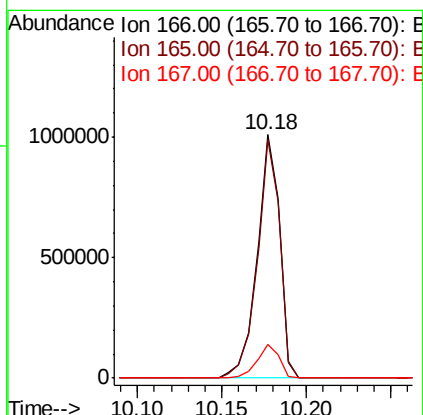
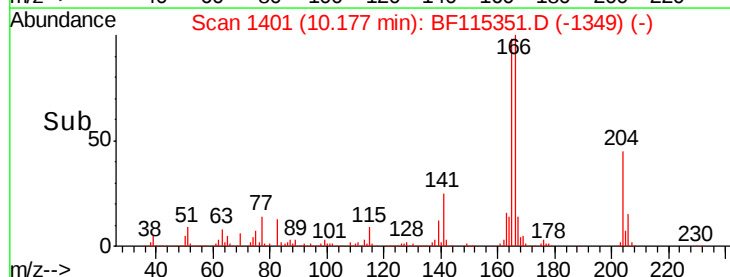
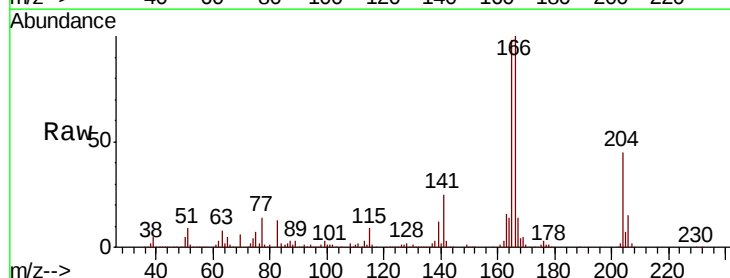
Instrument :
BNA_F
ClientSampleId :
PB121059BS

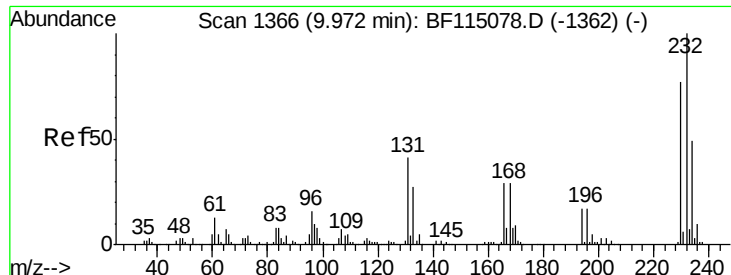
Tot Ion:165 Resp: 333834
Ion Ratio Lower Upper
165 100
63 39.6 27.5 41.3
89 67.0 49.9 74.9
182 2.8 2.1 3.1



#58
Fluorene
Concen: 42.435 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:166 Resp: 939978
Ion Ratio Lower Upper
166 100
165 97.7 76.5 114.7
167 13.7 11.0 16.4

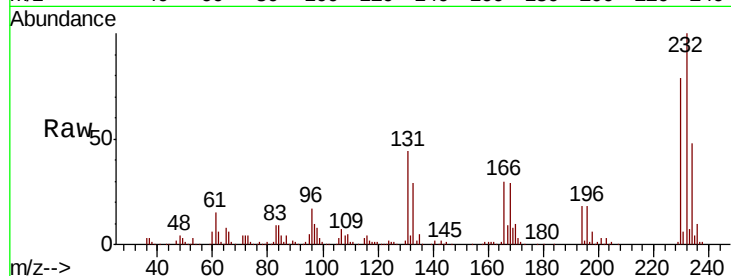




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.222 ng
RT: 9.96 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.4	56.0
130	2.1	1.8	2.6
166	29.2	24.6	36.8



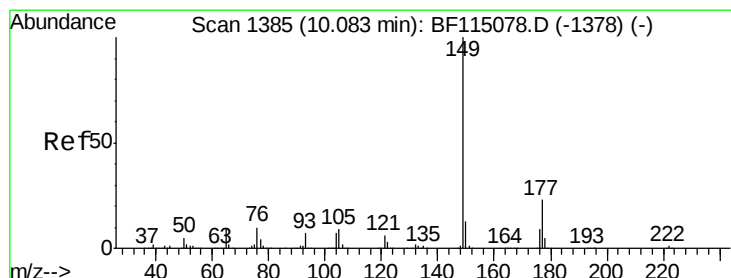
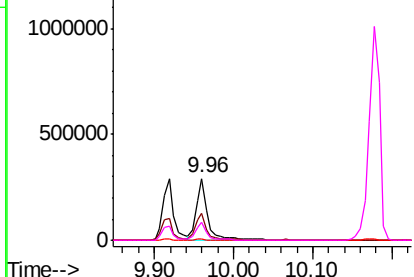
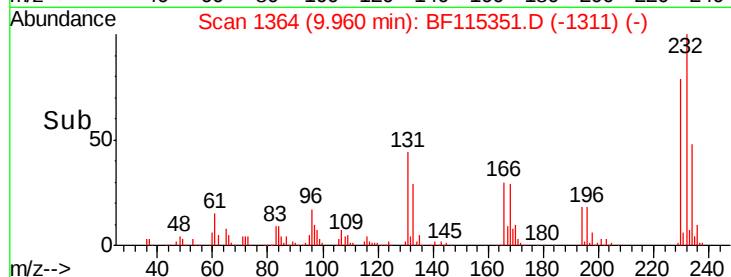
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

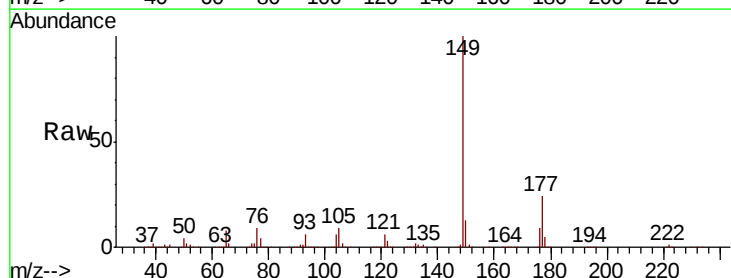
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.778 ng
RT: 10.07 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	12.7	10.4	15.6

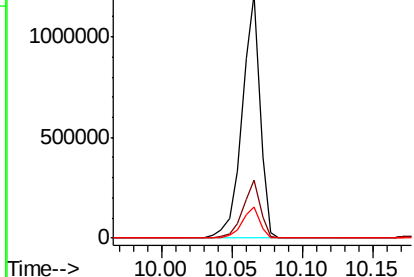
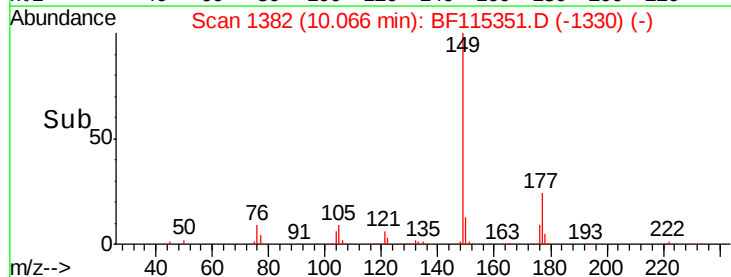


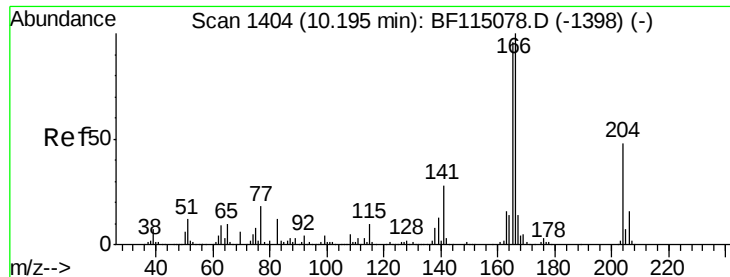
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

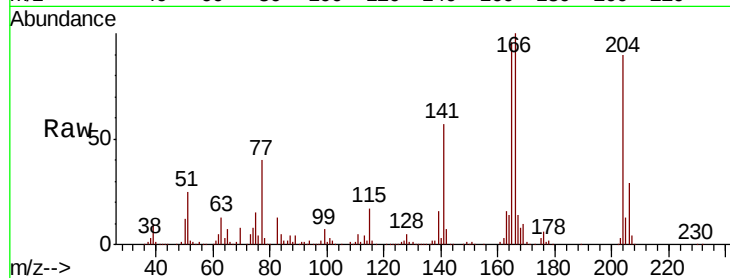




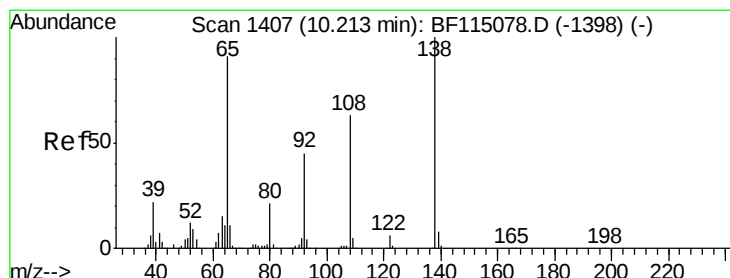
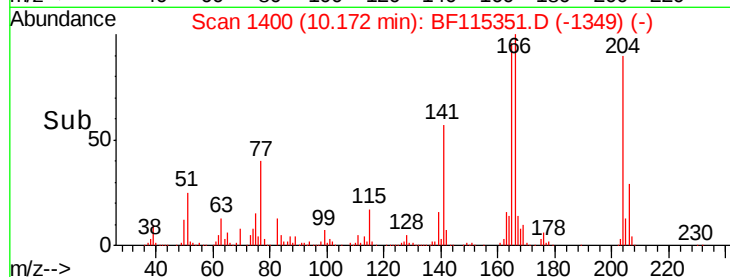
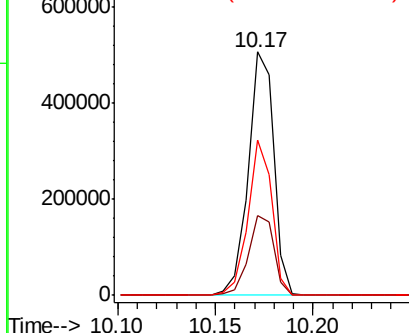
#61
 4-Chlorophenyl-phenylether
 Concen: 43.784 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion:204 Resp: 458764
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.6 40.0
 141 63.8 46.7 70.1

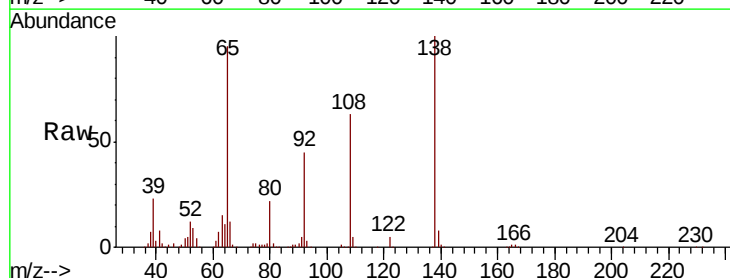


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

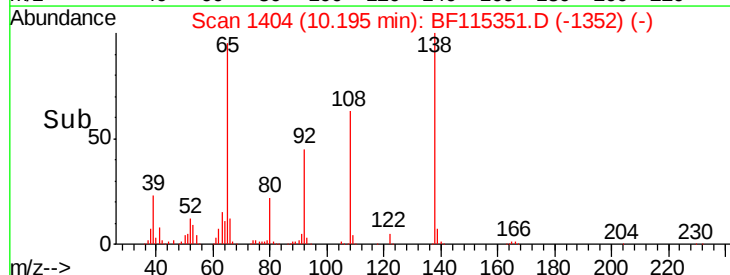
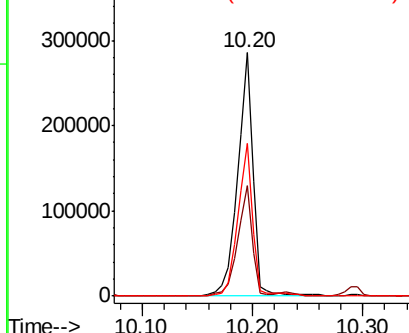


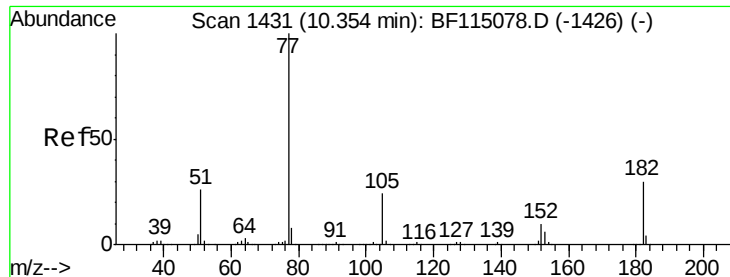
#62
 4-Nitroaniline
 Concen: 37.343 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:138 Resp: 281967
 Ion Ratio Lower Upper
 138 100
 92 45.4 24.8 64.8
 108 62.8 43.3 83.3



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





#63

Azobenzene

Concen: 38.684 ng

RT: 10.33 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

Tot Ion: 77 Resp: 970298

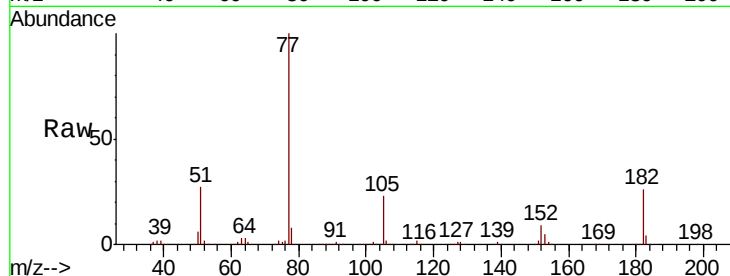
Ion Ratio Lower Upper

77 100

182 26.3 10.1 50.1

105 23.1 4.5 44.5

51 26.9 6.4 46.4

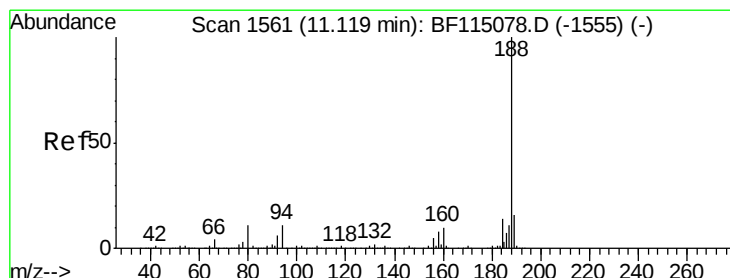
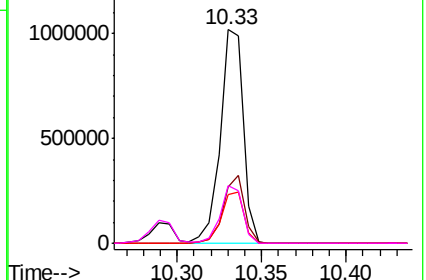
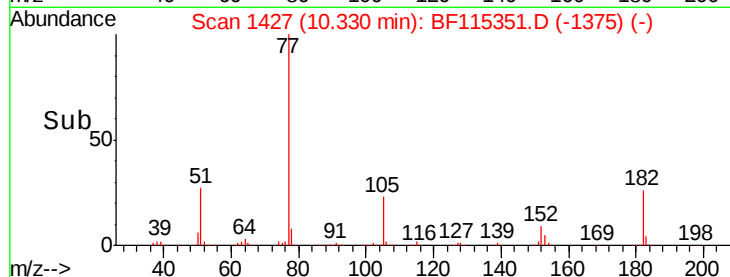


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.11 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

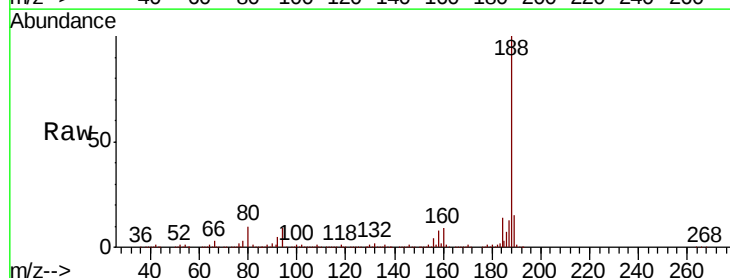
Tgt Ion: 188 Resp: 722914

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

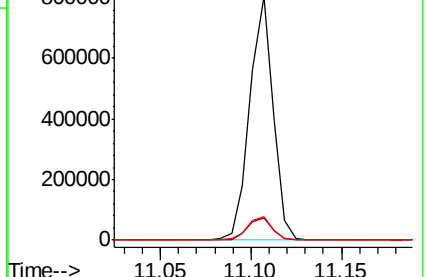
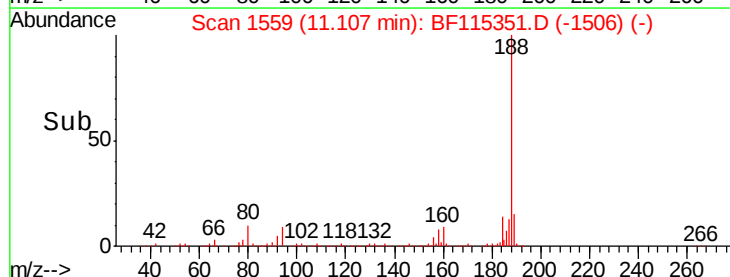
80 9.7 8.8 13.2

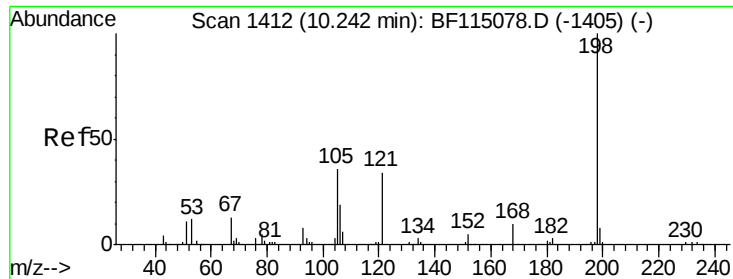


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

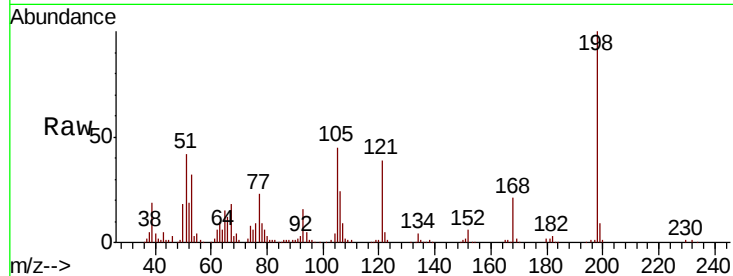




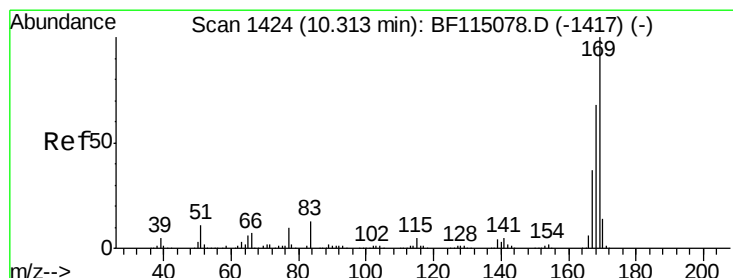
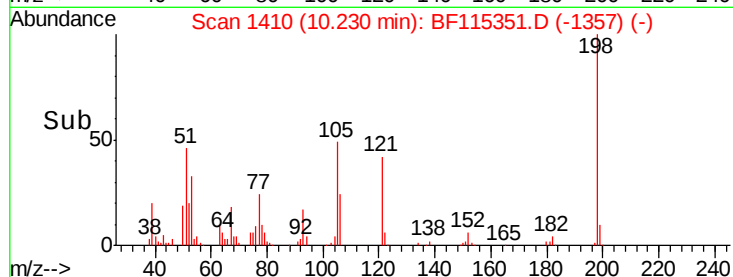
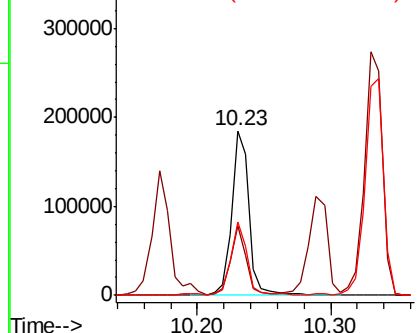
#65
4,6-Dinitro-2-methylphenol
Concen: 44.443 ng
RT: 10.23 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:198 Resp: 169374
Ion Ratio Lower Upper
198 100
51 42.4 11.0 51.0
105 44.9 17.3 57.3

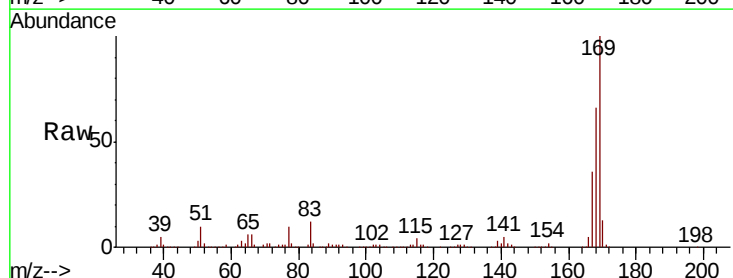


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

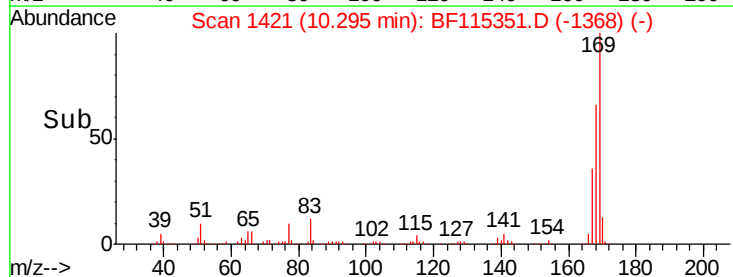
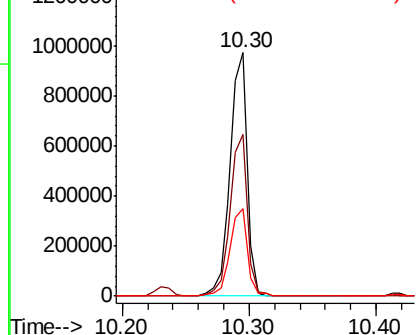


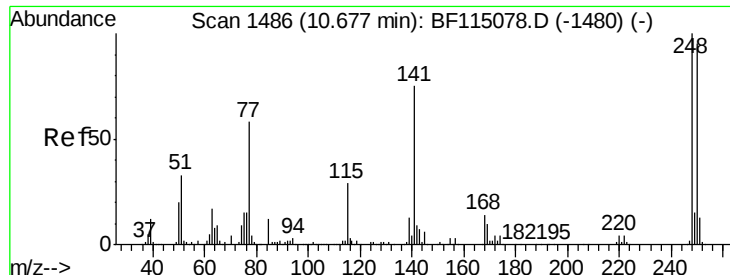
#66
n-Nitrosodiphenylamine
Concen: 40.068 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:169 Resp: 902424
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.4
167 36.1 29.4 44.0



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

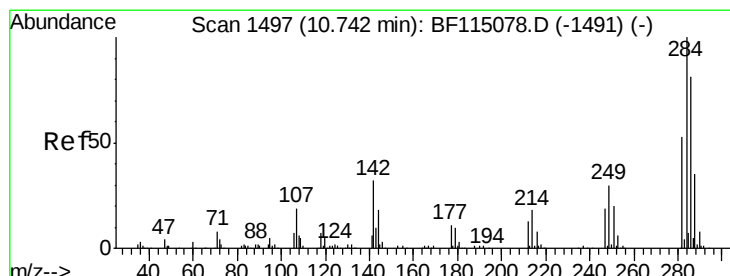
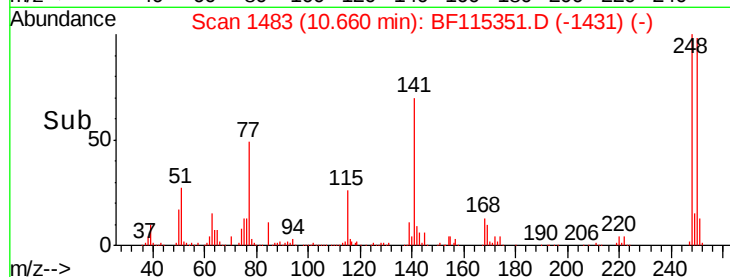
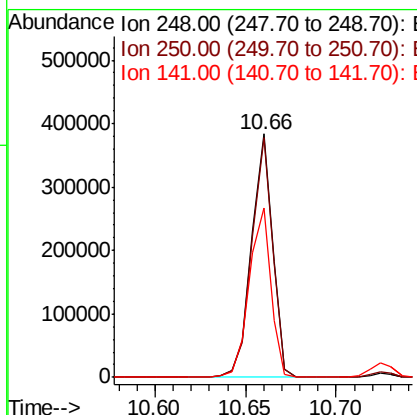
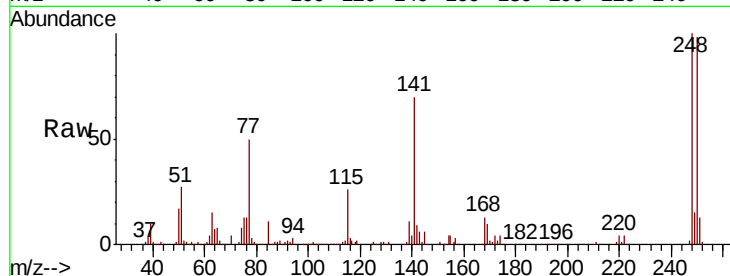




#67
 4-Bromophenyl-phenylether
 Concen: 39.783 ng
 RT: 10.66 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

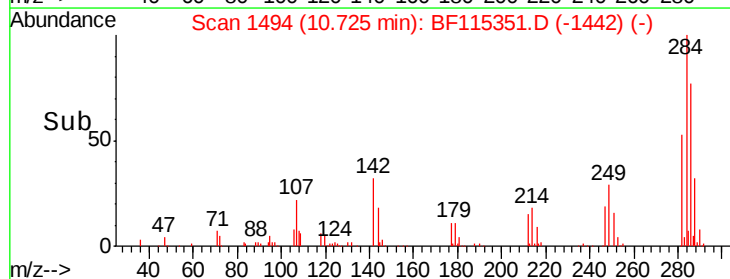
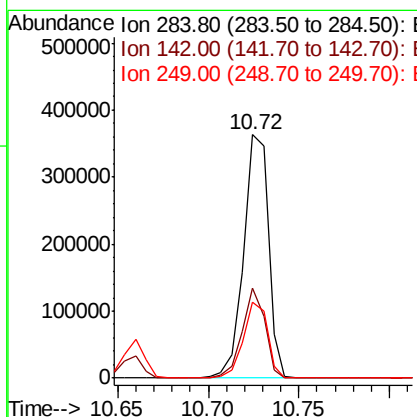
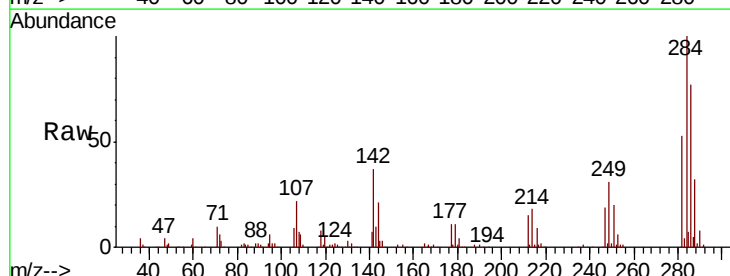
Instrument :
 BNA_F
 ClientSampleID :
 PB121059BS

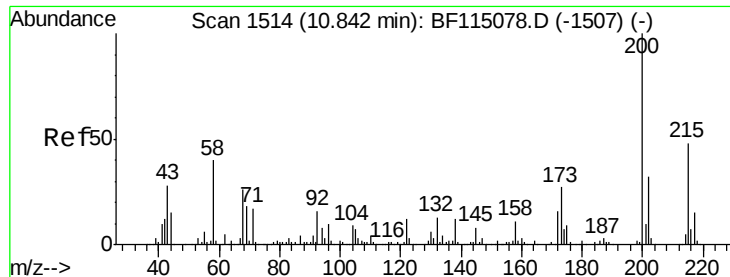
Tot Ion:248 Resp: 311813
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.2 114.2
 141 69.6 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 40.810 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:284 Resp: 347189
 Ion Ratio Lower Upper
 284 100
 142 37.1 25.8 38.8
 249 31.1 24.2 36.4

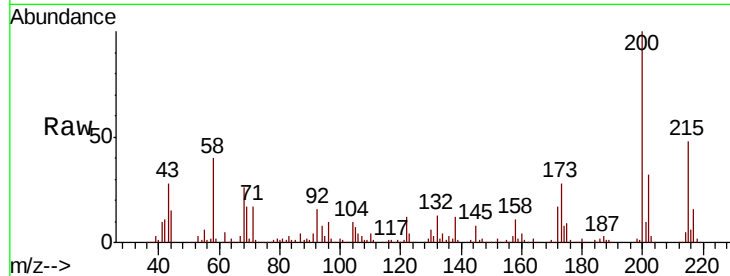




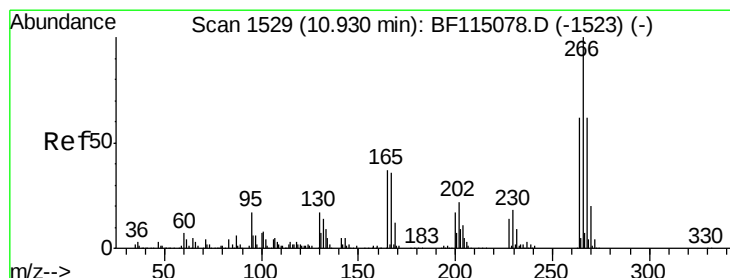
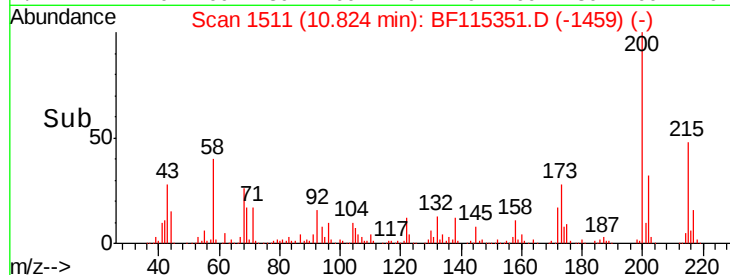
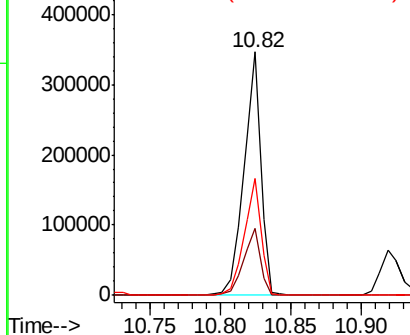
#69
 Atrazine
 Concen: 39.967 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	47.9	27.8	67.8

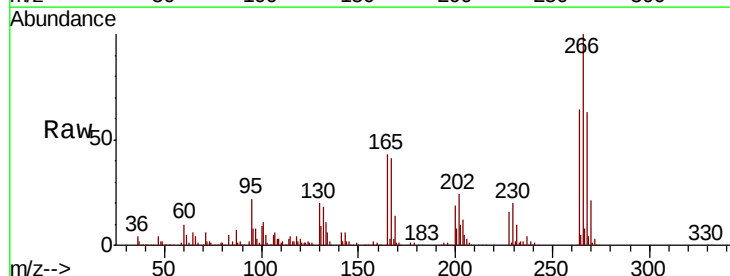


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

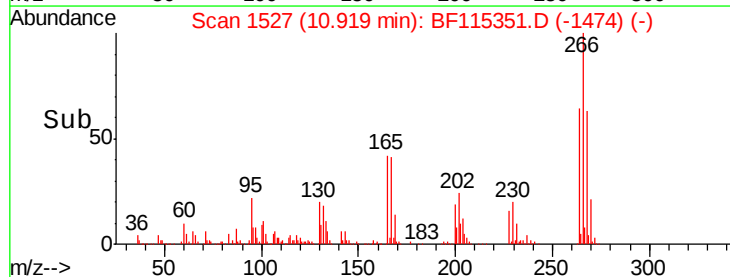
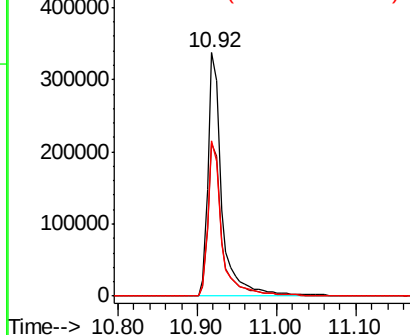


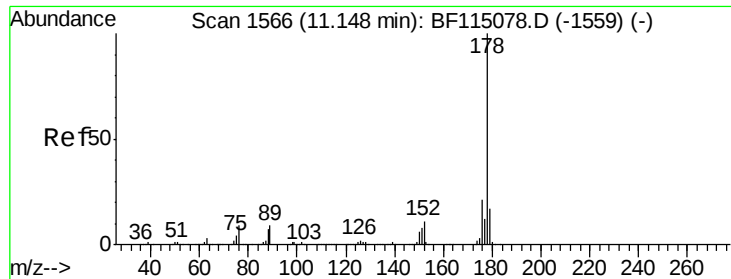
#70
 Pentachlorophenol
 Concen: 76.478 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.5	74.3
264	63.9	49.3	73.9



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

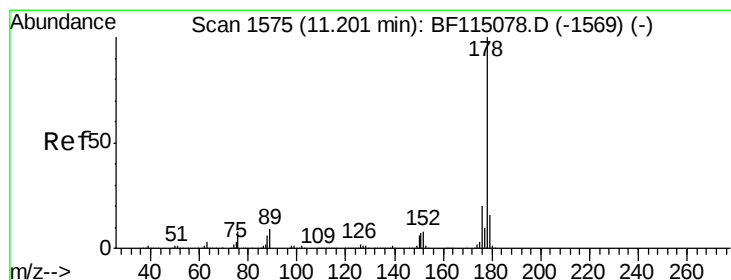
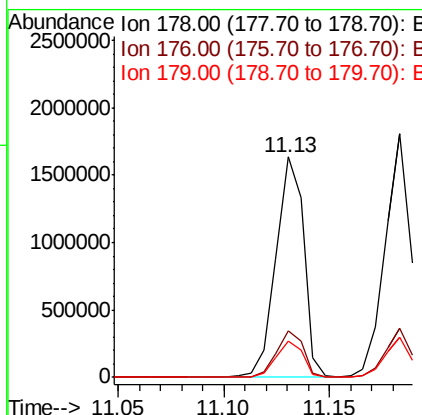
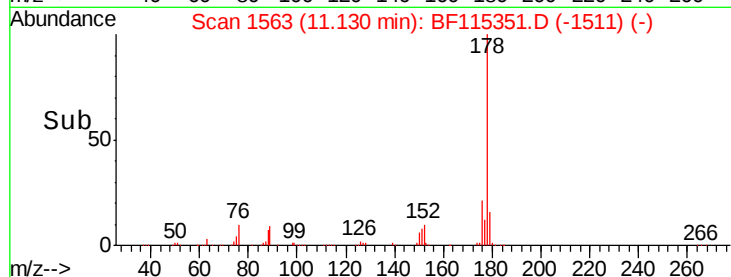
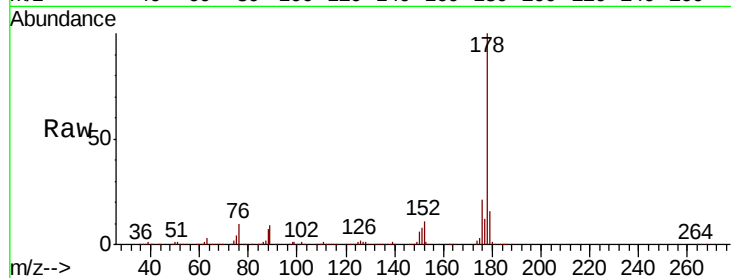




#71
Phenanthrene
Concen: 38.600 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

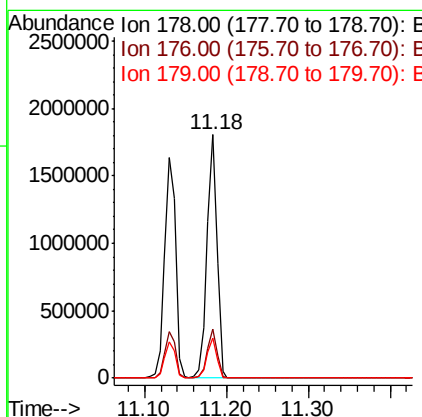
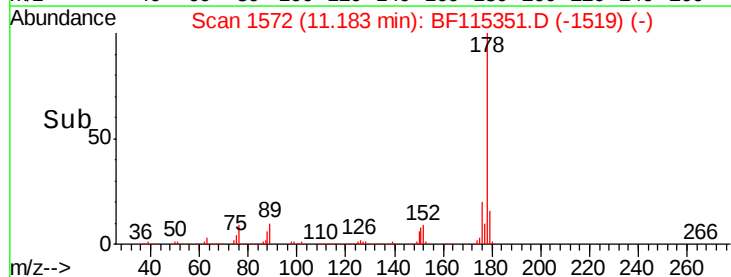
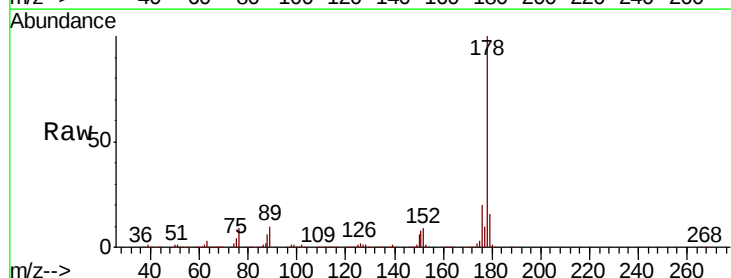
Instrument :
BNA_F
ClientSampleId :
PB121059BS

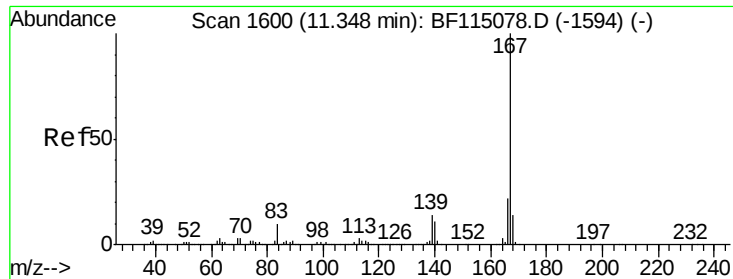
Tot Ion:178 Resp: 1502430
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.3 13.2 19.8



#72
Anthracene
Concen: 39.122 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:178 Resp: 1537089
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.3 12.9 19.3

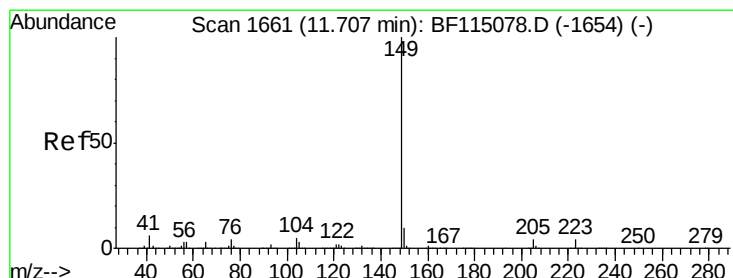
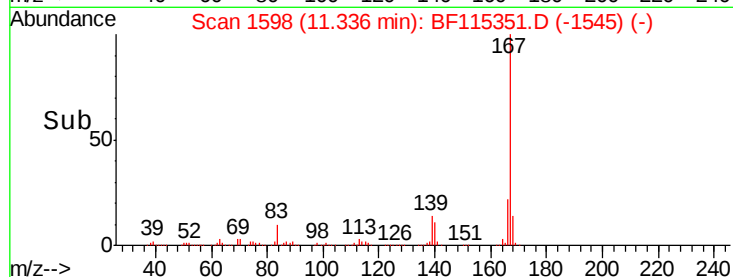
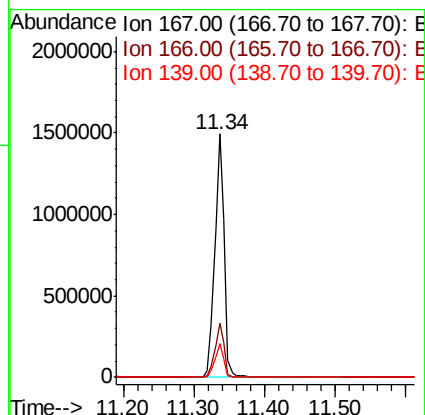
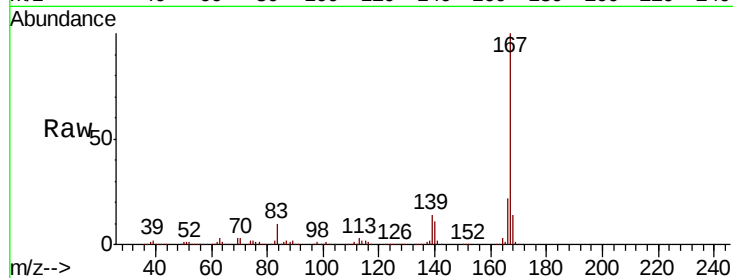




#73
 Carbazole
 Concen: 39.632 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

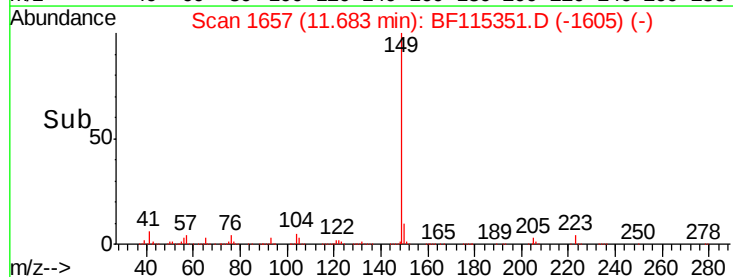
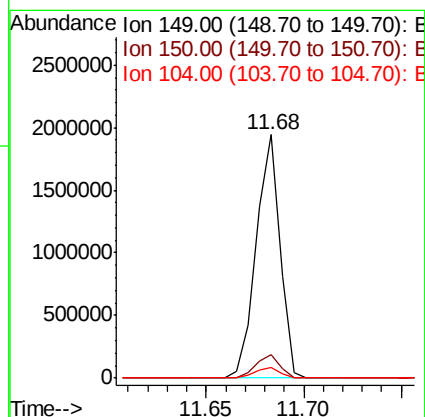
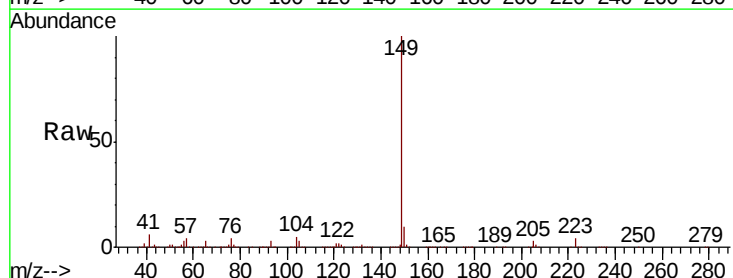
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

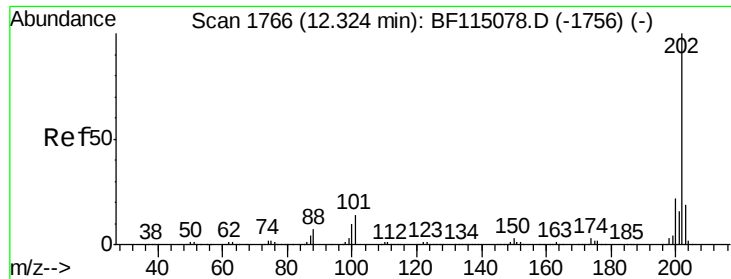
Tot Ion:167 Resp: 1390454
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.677 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:149 Resp: 1649119
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.6 3.7 5.5

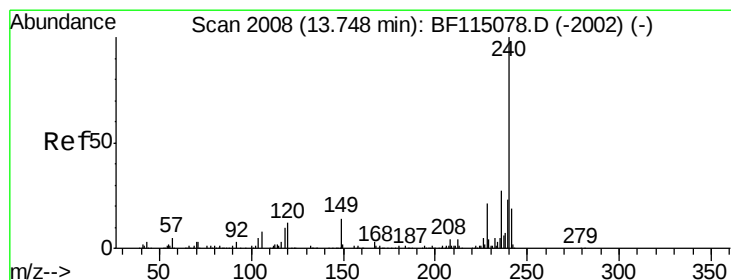
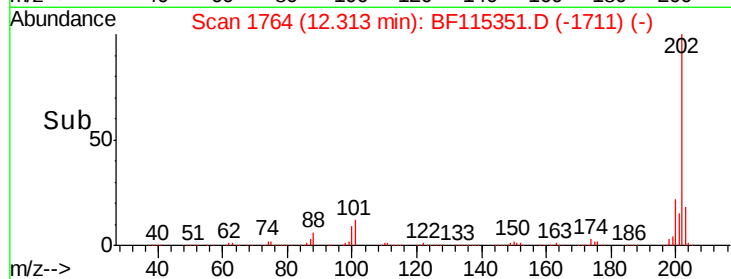
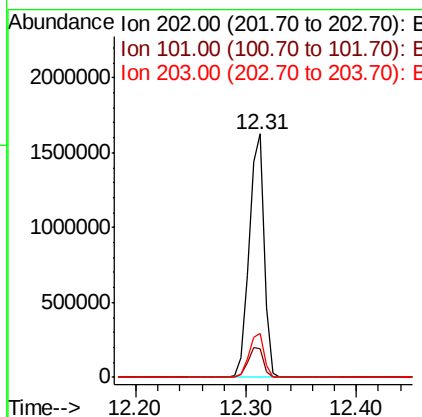
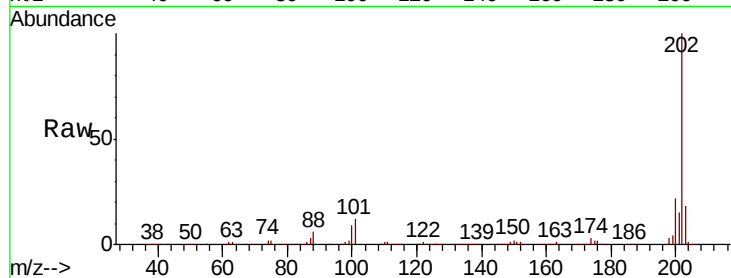




#75
 Fluoranthene
 Concen: 40.067 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

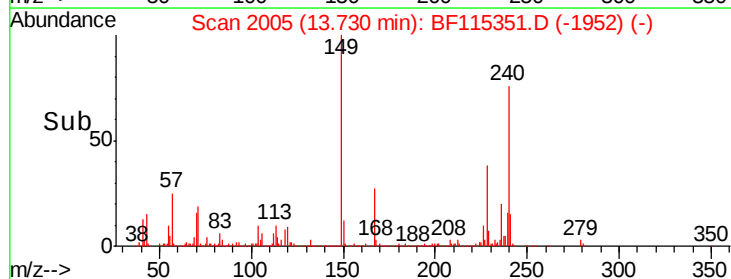
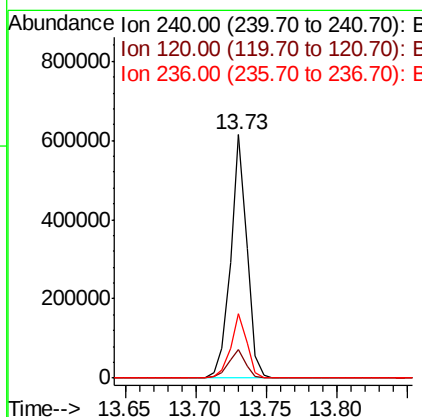
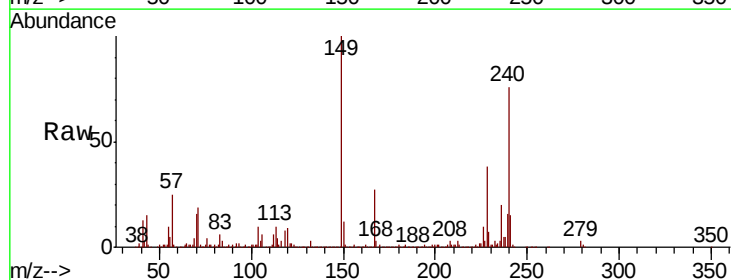
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BS

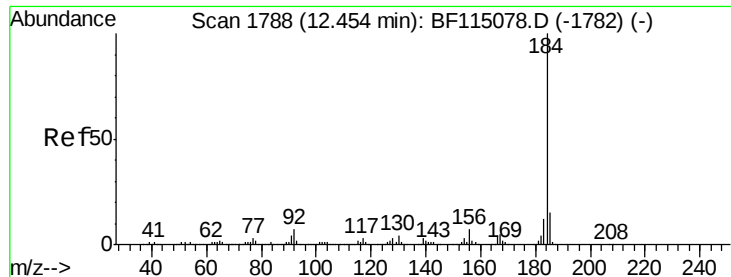
Tot Ion:202 Resp: 1555998
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 34.0
 203 18.3 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:240 Resp: 492558
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.2
 236 26.7 21.7 32.5





#77

Benzidine

Concen: 33.231 ng

RT: 12.44 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

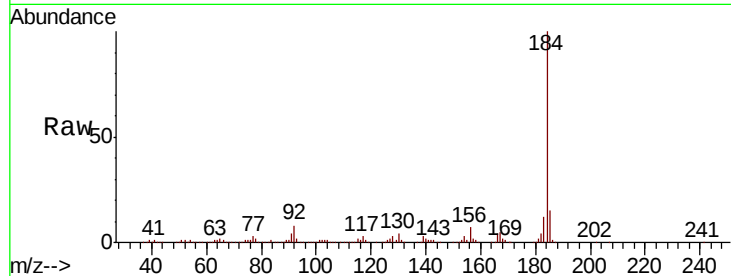
Tot Ion:184 Resp: 726803

Ion Ratio Lower Upper

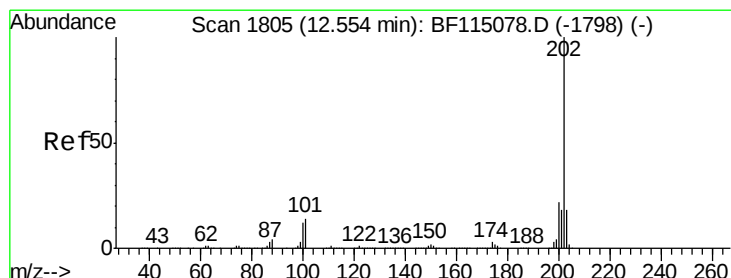
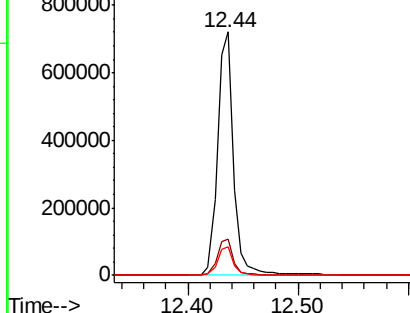
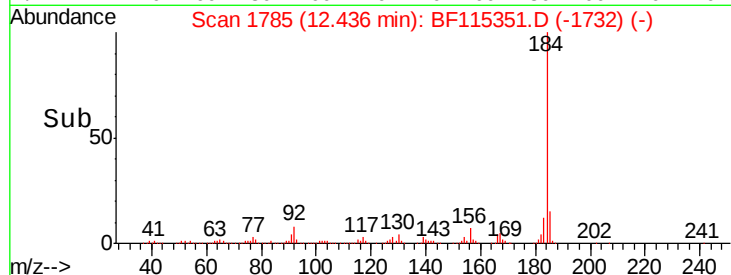
184 100

185 15.1 12.2 18.2

183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.544 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

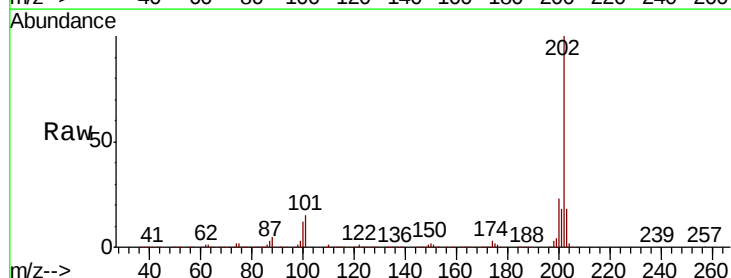
Tgt Ion:202 Resp: 1572590

Ion Ratio Lower Upper

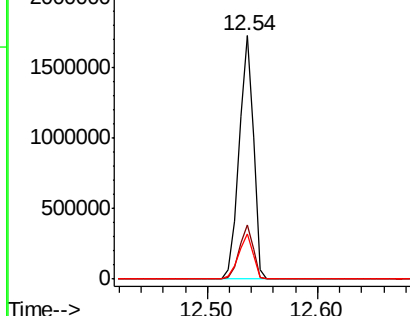
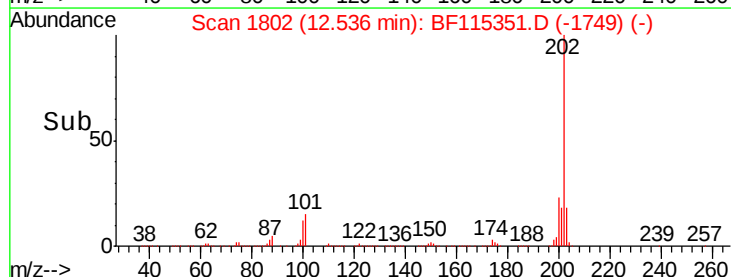
202 100

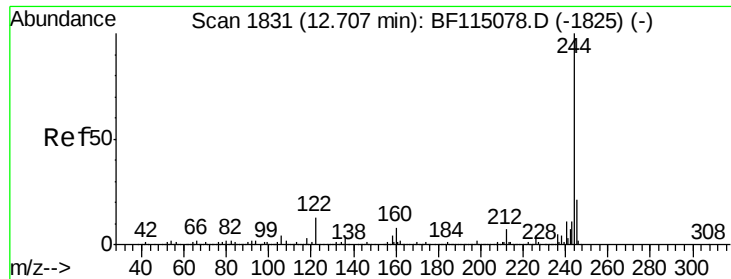
200 22.5 17.9 26.9

203 18.5 14.6 21.8



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: 90.631 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

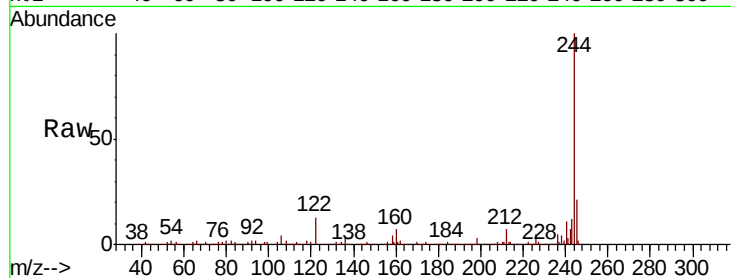
Tot Ion:244 Resp: 2099624

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

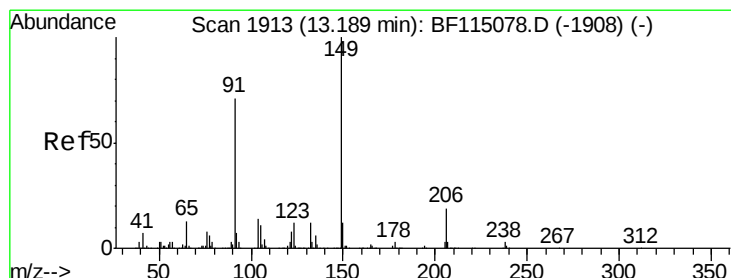
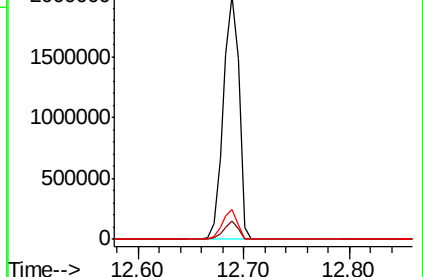
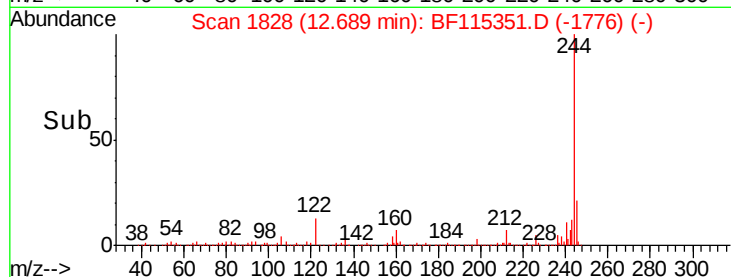
122 12.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.830 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

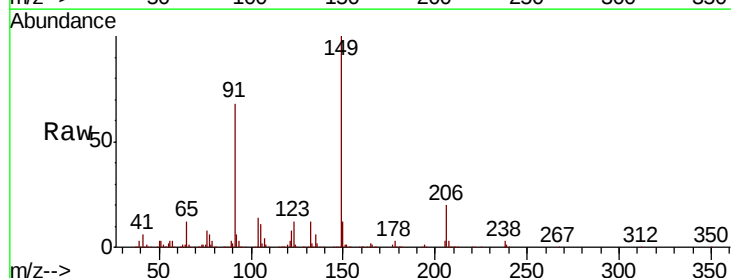
Tgt Ion:149 Resp: 732176

Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

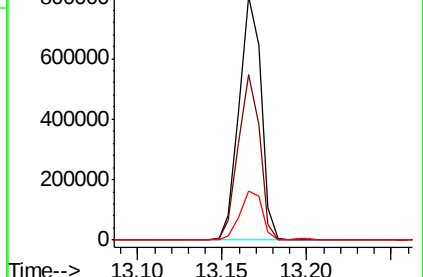
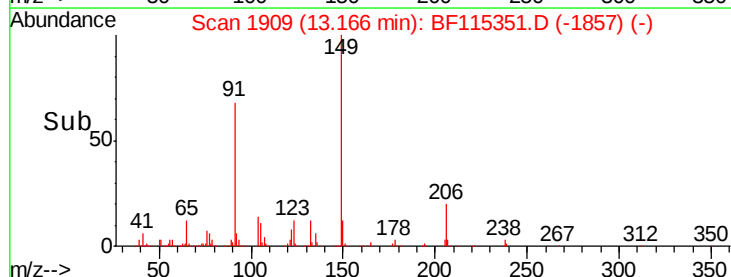
206 20.4 15.3 22.9

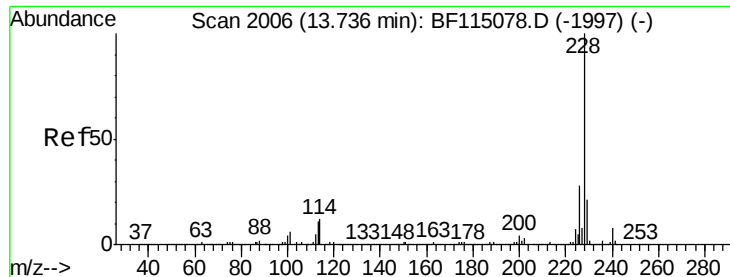


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.405 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

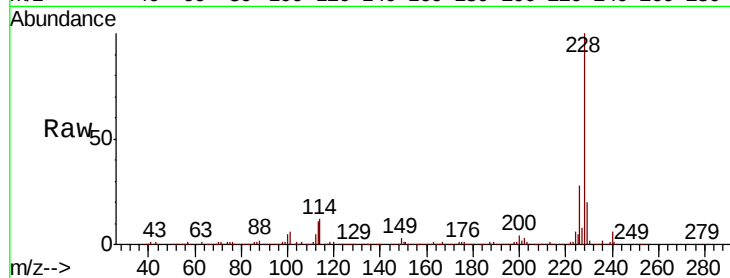
Tot Ion:228 Resp: 1428029

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

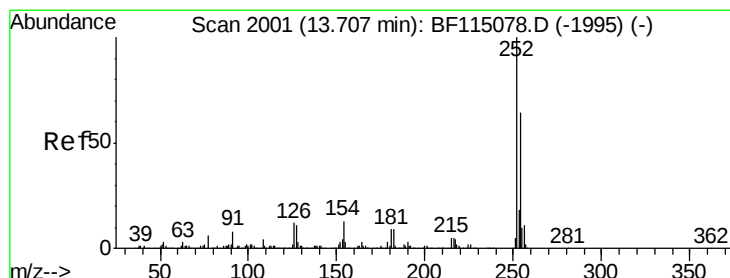
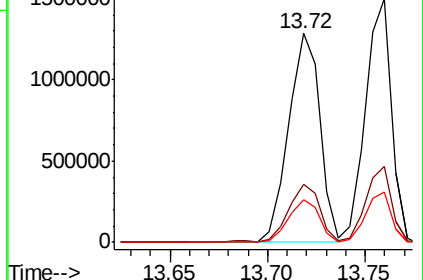
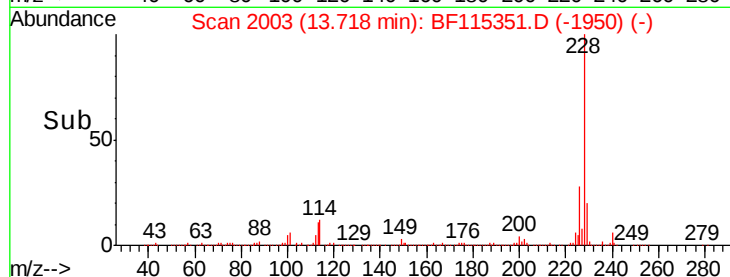
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.212 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

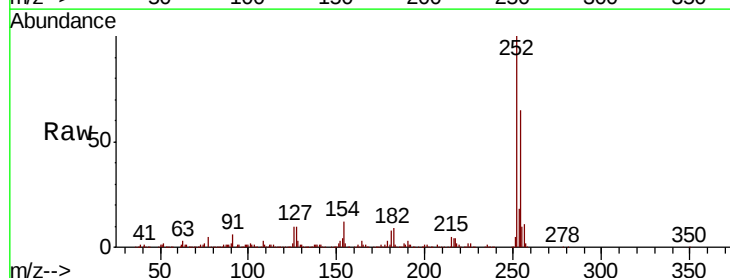
Tgt Ion:252 Resp: 449404

Ion Ratio Lower Upper

252 100

254 65.2 51.1 76.7

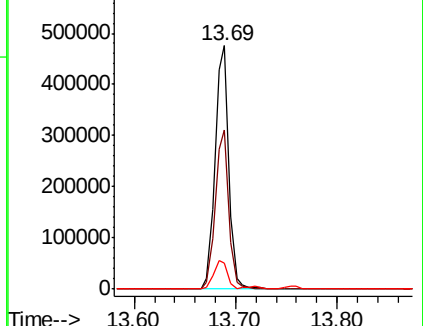
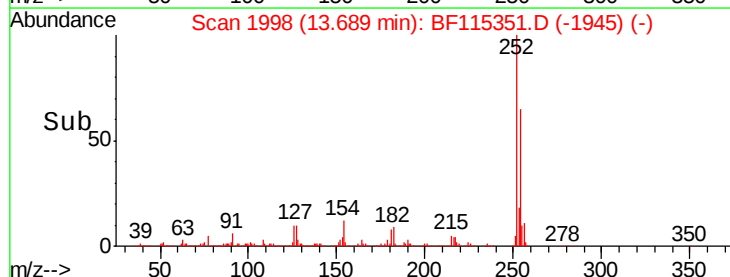
126 10.4 9.4 14.0

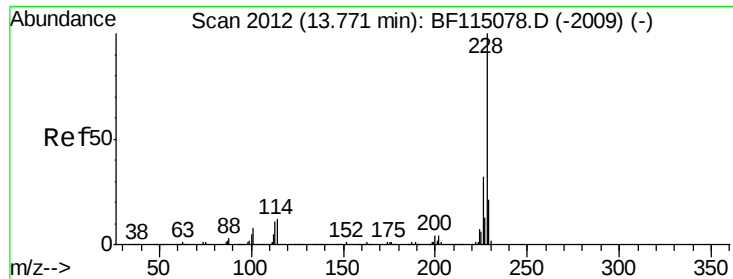


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.822 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

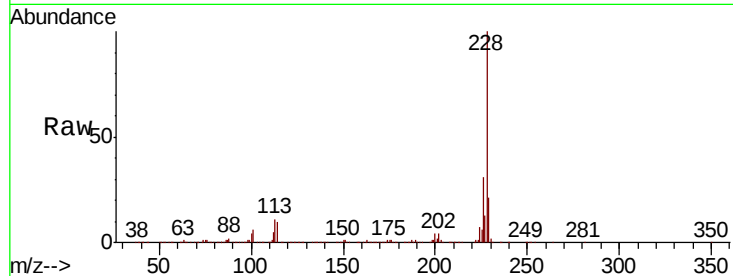
Tot Ion:228 Resp: 1386336

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

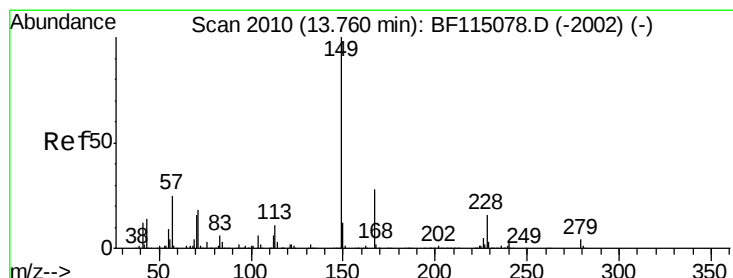
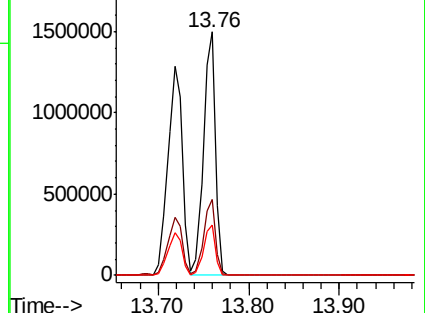
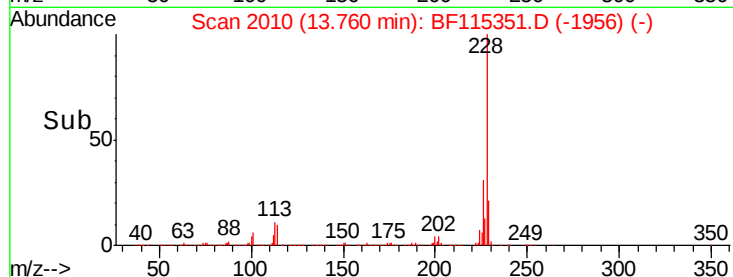
229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.766 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

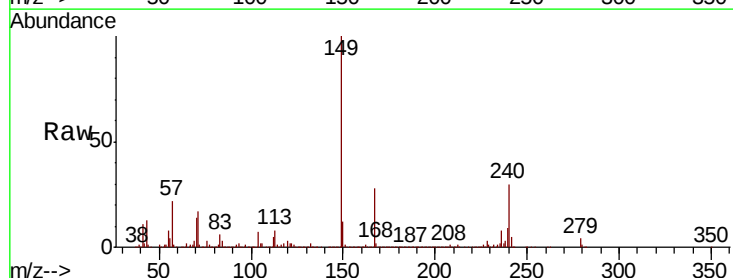
Tgt Ion:149 Resp: 957983

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

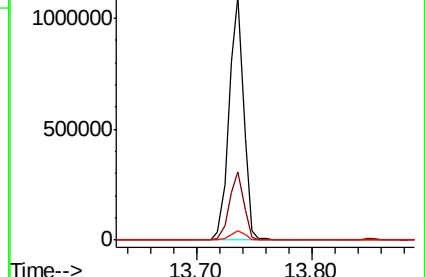
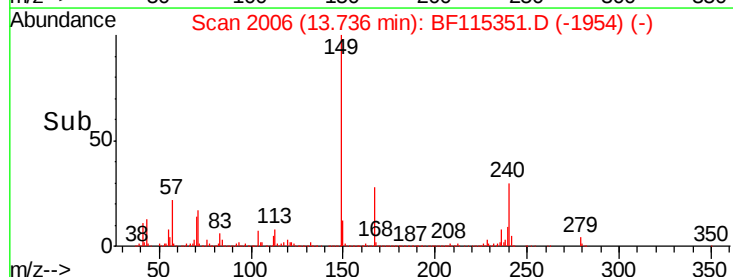
279 4.1 2.9 4.3

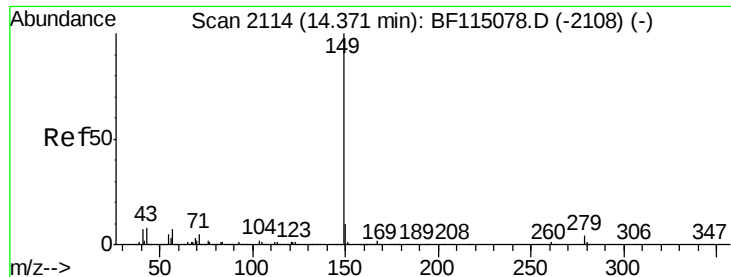


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

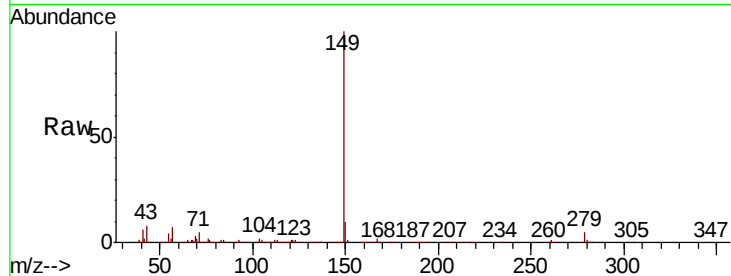




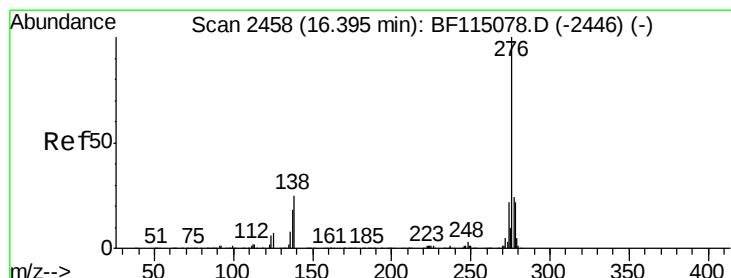
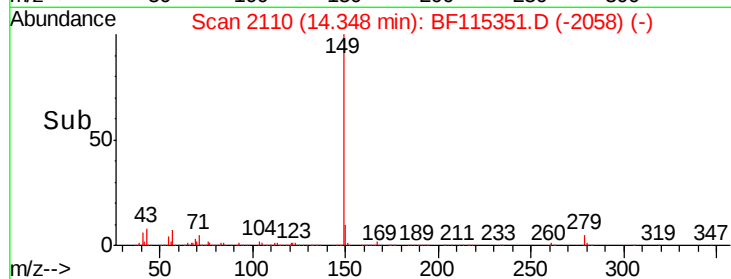
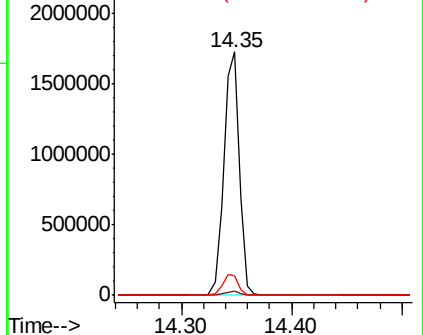
#85
Di-n-octyl phthalate
Concen: 45.850 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:149 Resp: 1686232
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.0 10.6

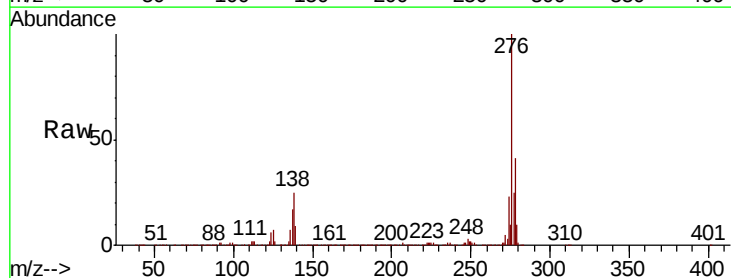


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

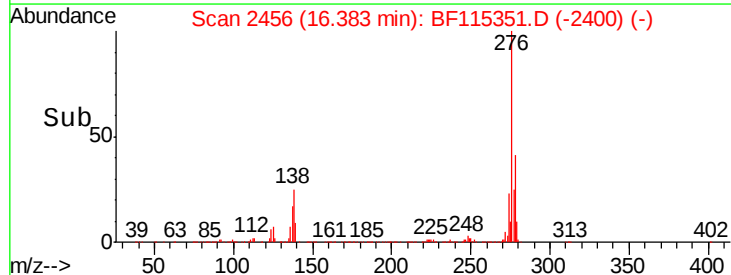
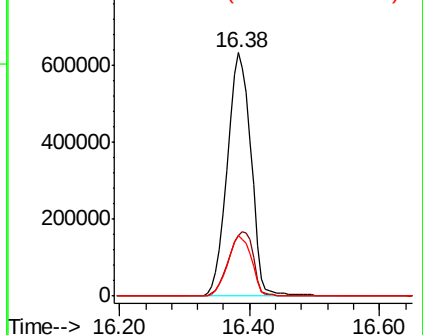


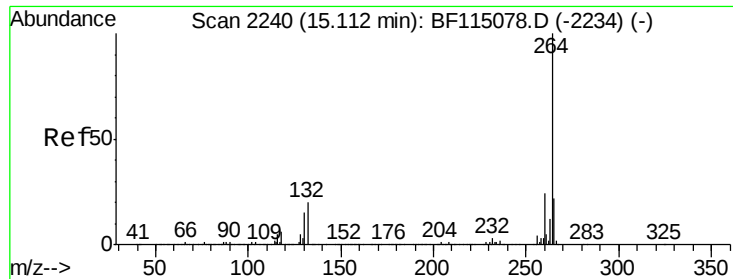
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng
RT: 16.38 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:276 Resp: 1600736
Ion Ratio Lower Upper
276 100
138 27.9 23.2 34.8
277 25.3 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: 15.10 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA_F

ClientSampleId :

PB121059BS

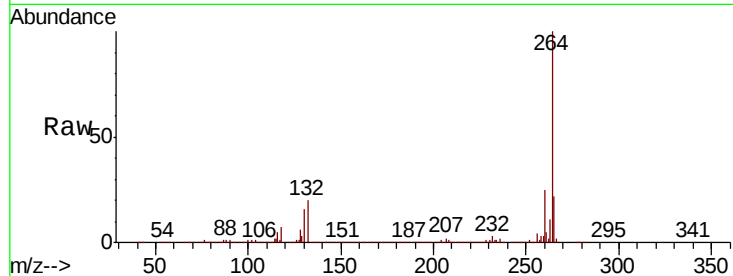
Tot Ion:264 Resp: 599281

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

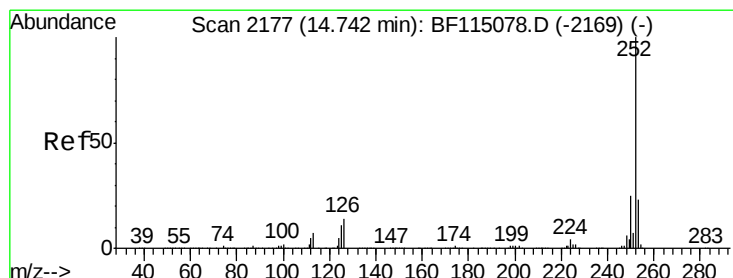
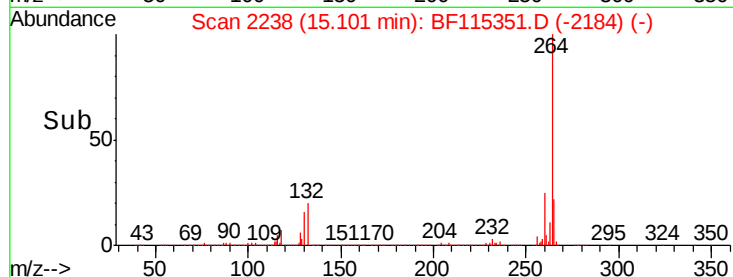
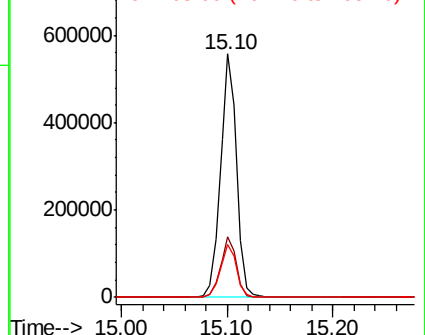
265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.940 ng

RT: 14.73 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

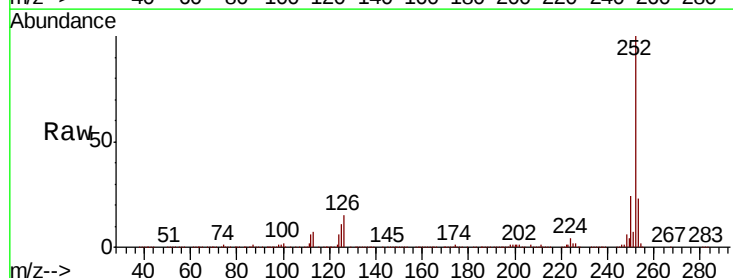
Tgt Ion:252 Resp: 1493507

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

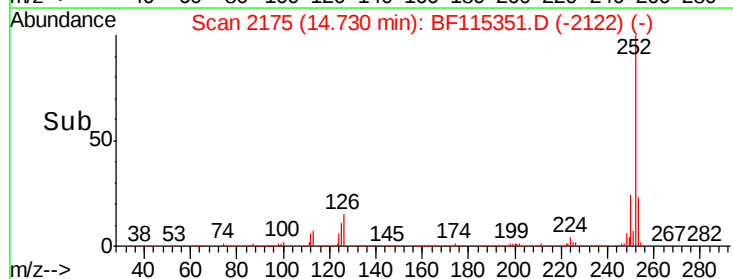
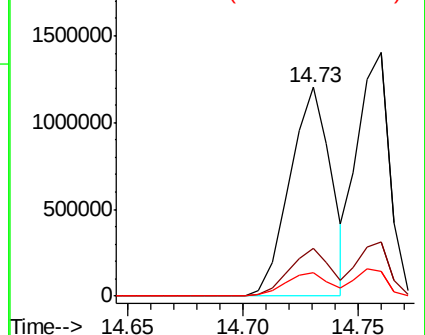
125 11.2 8.7 13.1

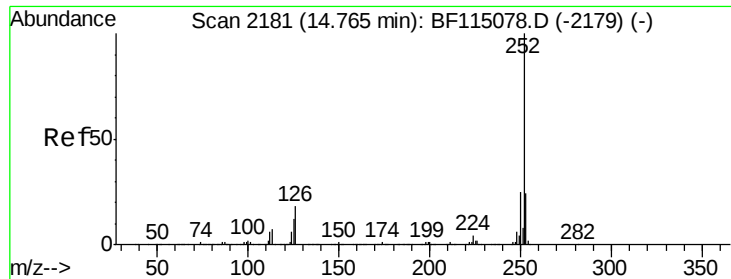


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

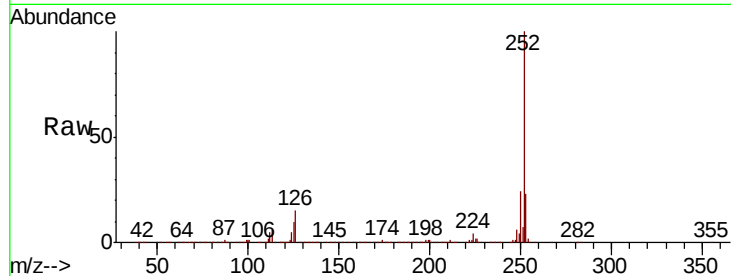




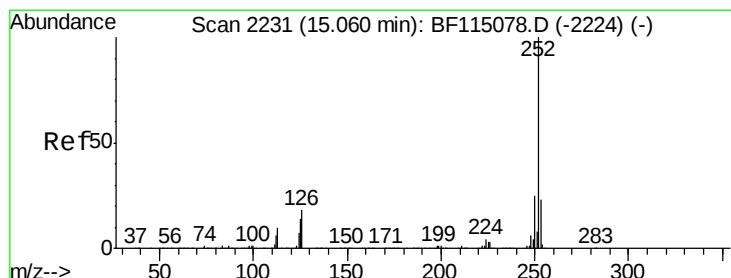
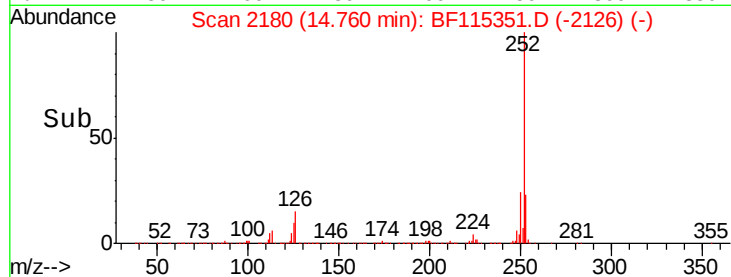
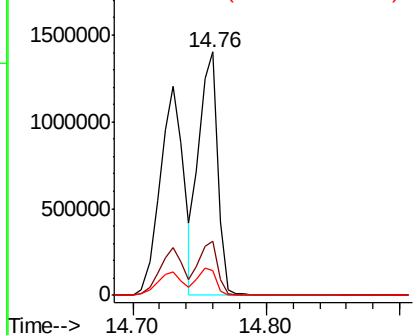
#89
Benzo(k)fluoranthene
Concen: 40.606 ng
RT: 14.76 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Tot Ion:252 Resp: 1361686
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 10.3 10.2 15.2

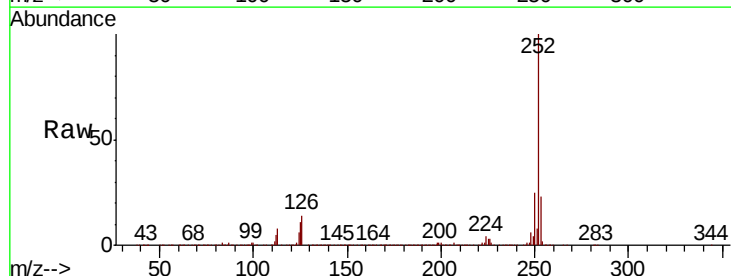


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

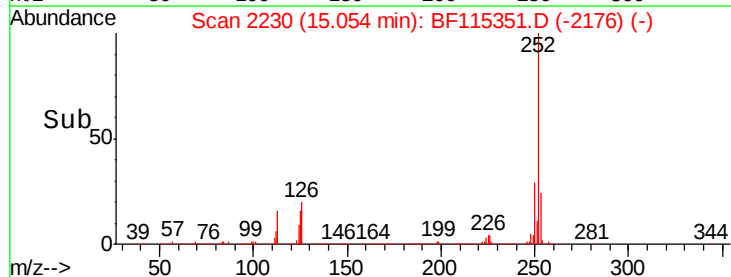
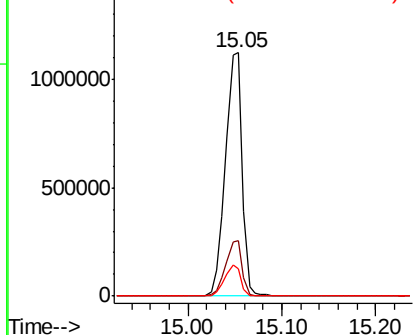


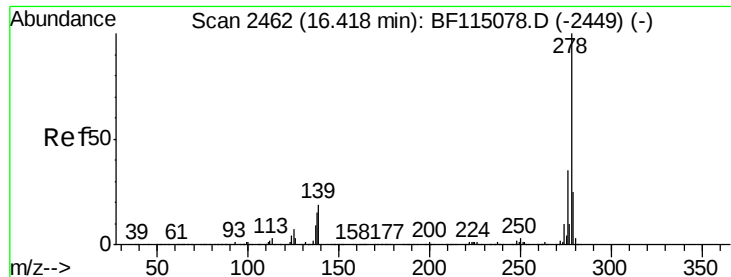
#90
Benzo(a)pyrene
Concen: 41.471 ng
RT: 15.05 min Scan# 2230
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:252 Resp: 1397715
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 11.1 10.9 16.3



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: 41.769 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.03 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

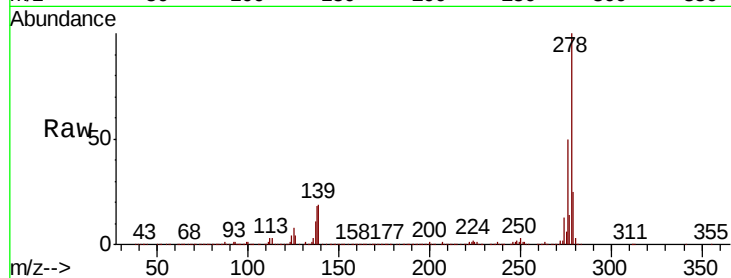
BNA_F

ClientSampleId :

PB121059BS

Tot Ion:278 Resp: 1314226

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.2
279	24.9	19.9	29.9

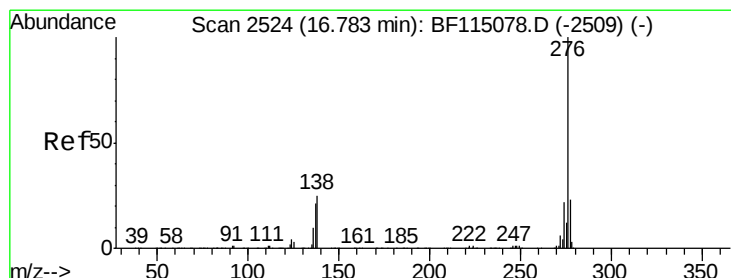
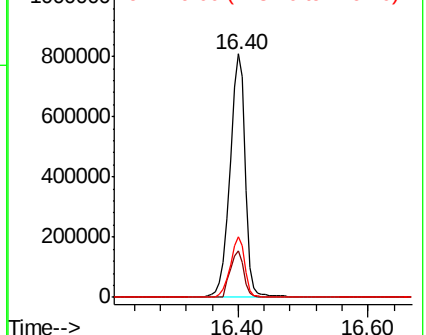
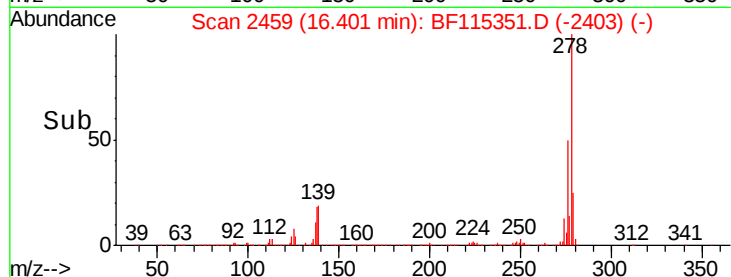


Abundance

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: 42.289 ng

RT: 16.77 min Scan# 2522

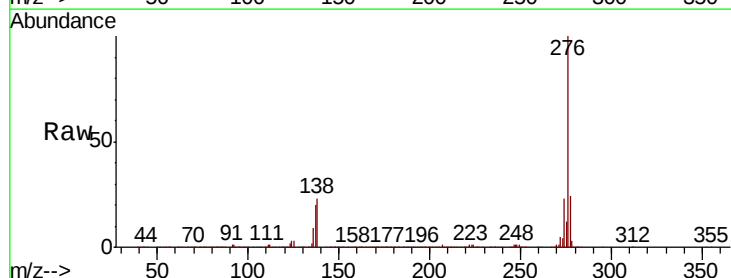
Delta R.T. 0.04 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Tgt Ion:276 Resp: 1346722

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	23.1	19.8	29.6



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

