

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 :

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

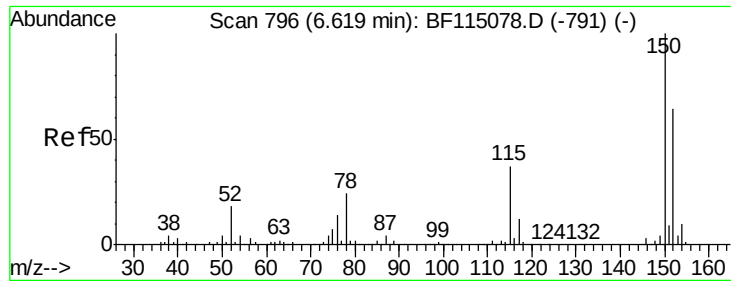
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
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 Response via : Initial Calibration

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

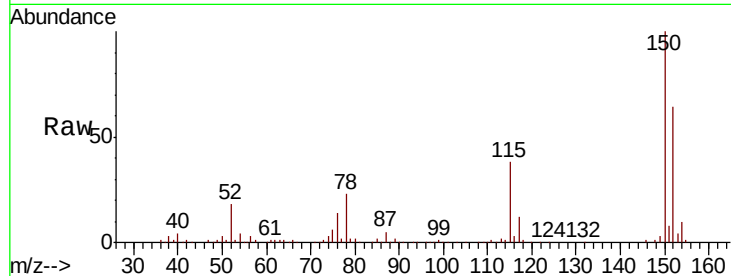


#1

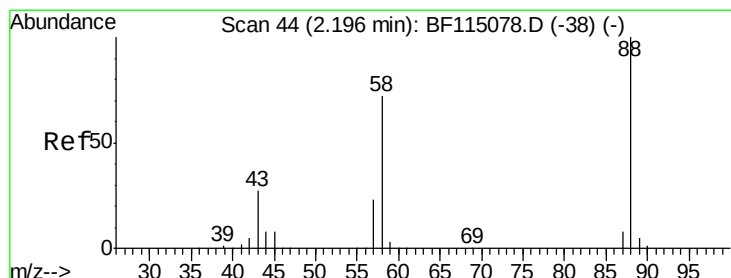
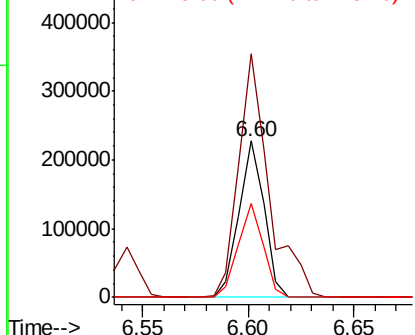
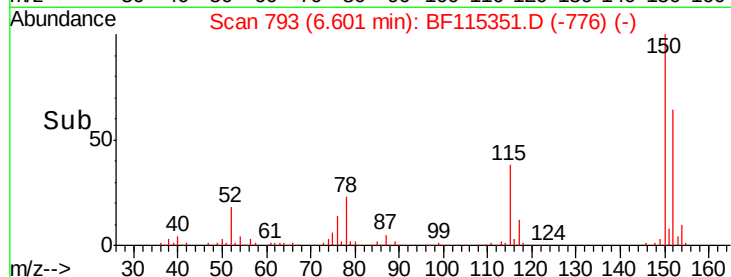
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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



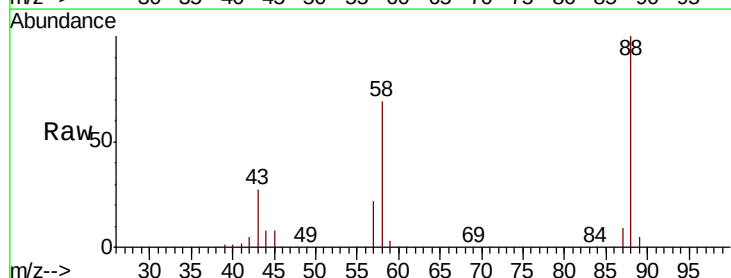
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



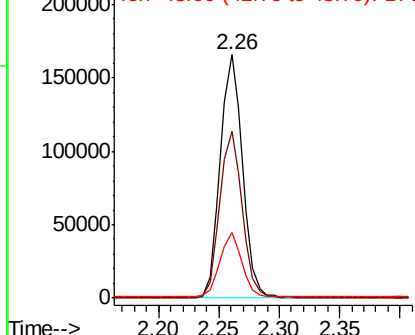
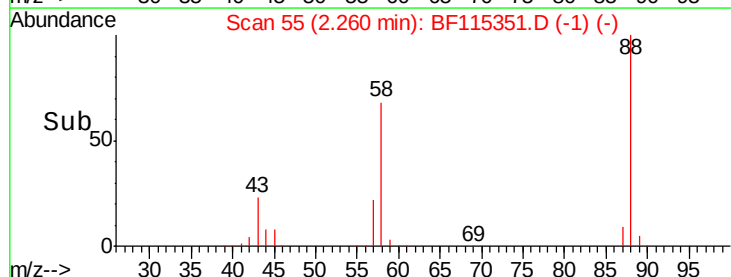
#2

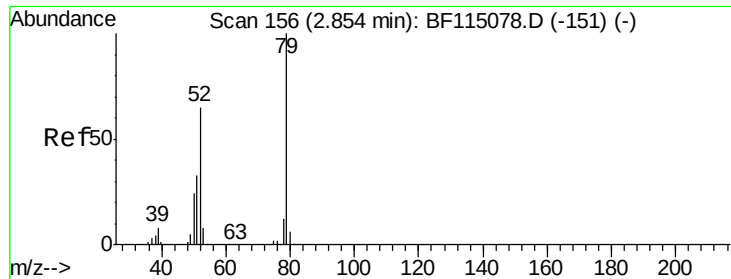
1,4-Dioxane
Concen: 36.900 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.11 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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 :

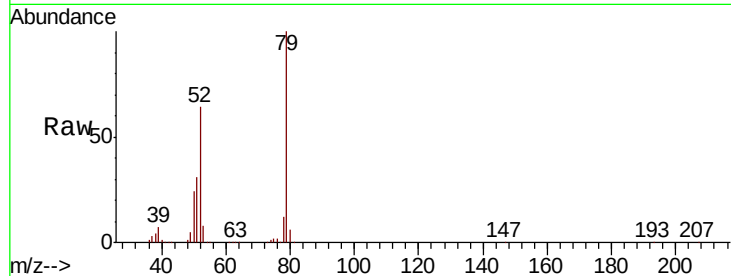
Tot Ion: 79 Resp: 496606

Ion Ratio Lower Upper

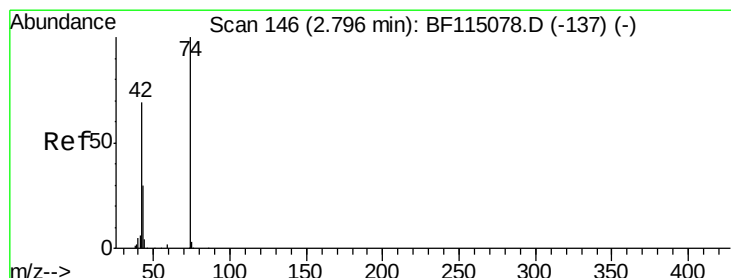
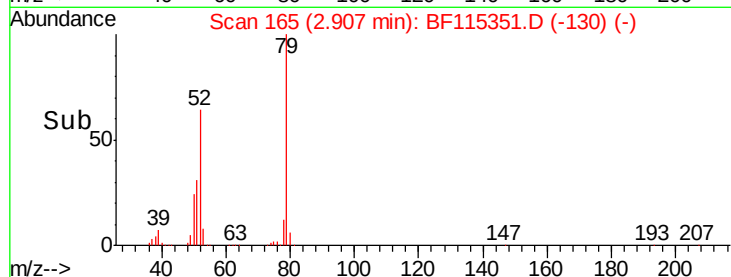
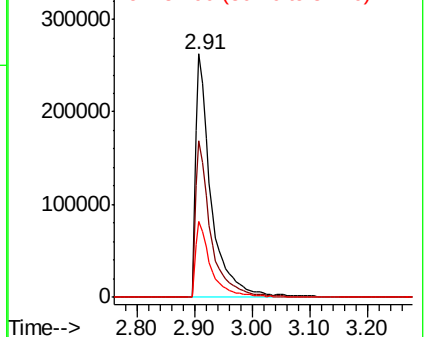
79 100

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

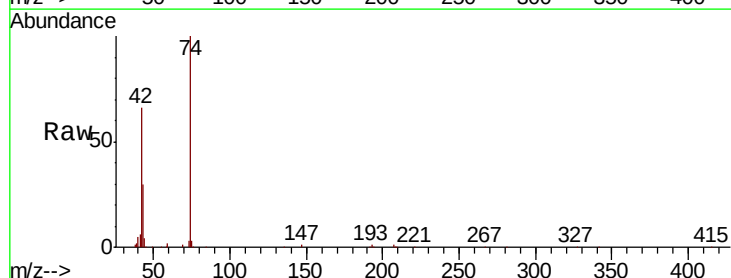
Tgt Ion: 42 Resp: 198213

Ion Ratio Lower Upper

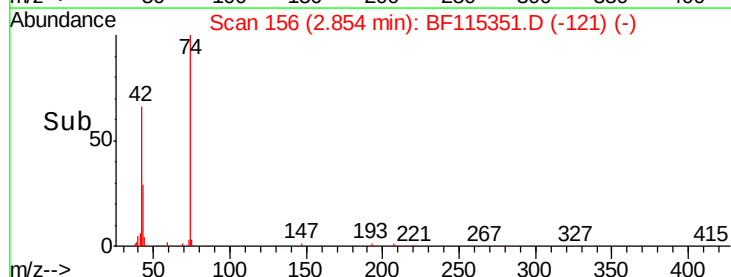
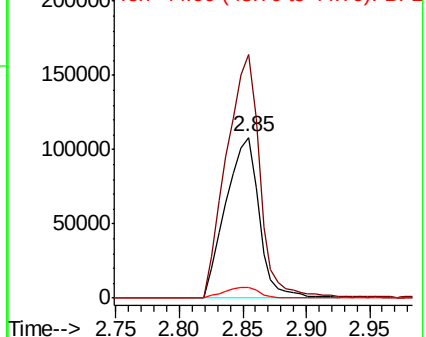
42 100

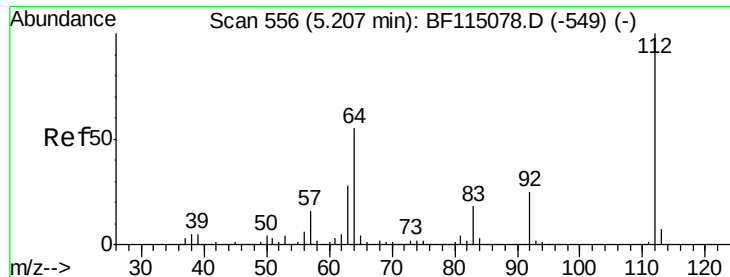
74 151.6 116.6 175.0

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

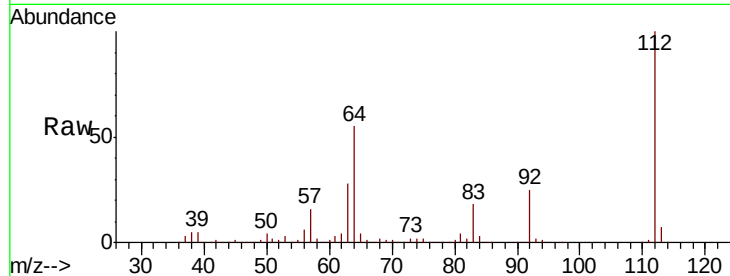
Delta R.T. 0.02 min

Lab File: BF115351.D

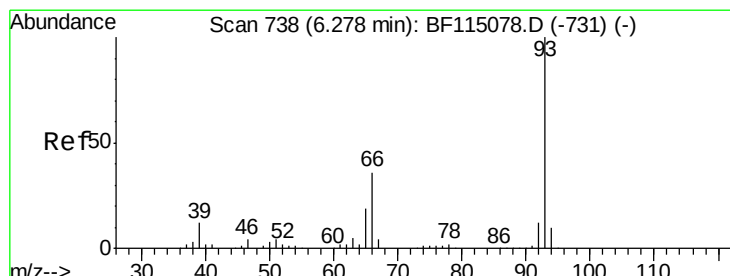
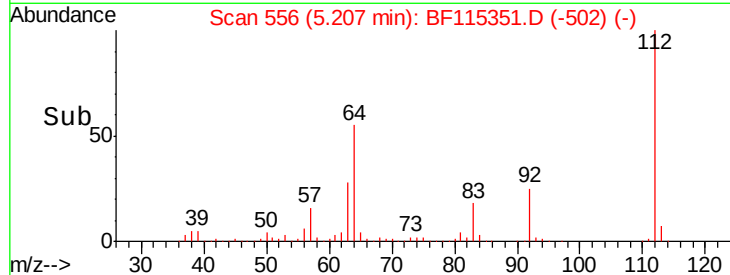
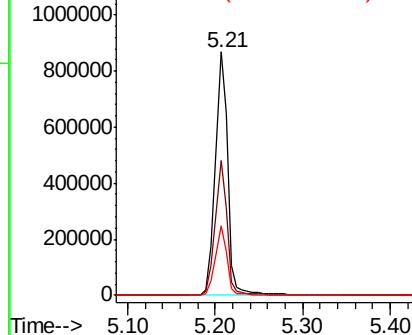
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampled :

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

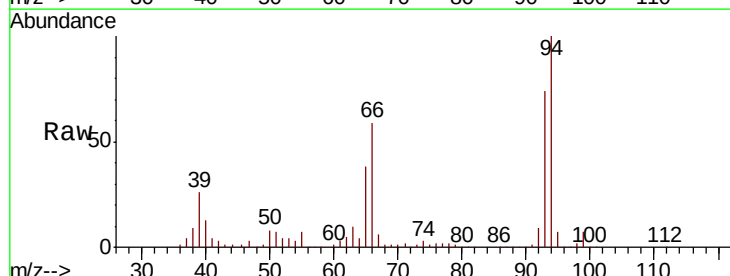
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

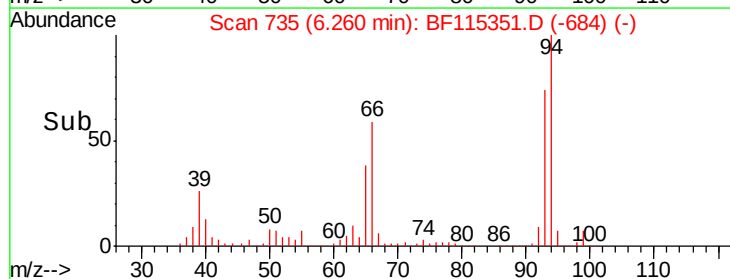
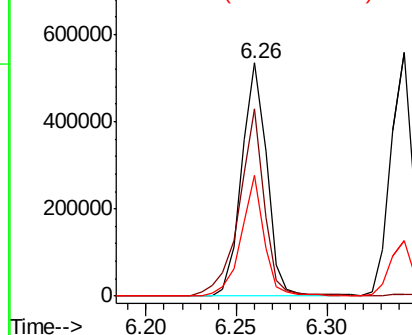
Lab File: BF115351.D

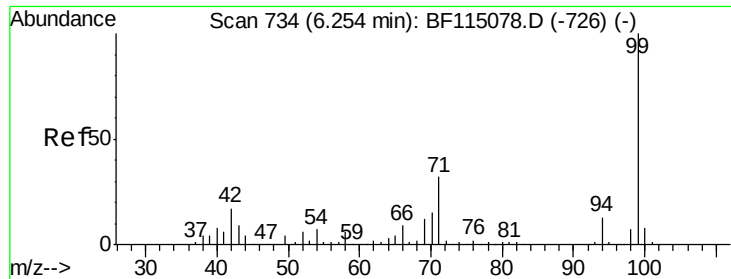
Acq: 2 Jul 2019 9:23

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

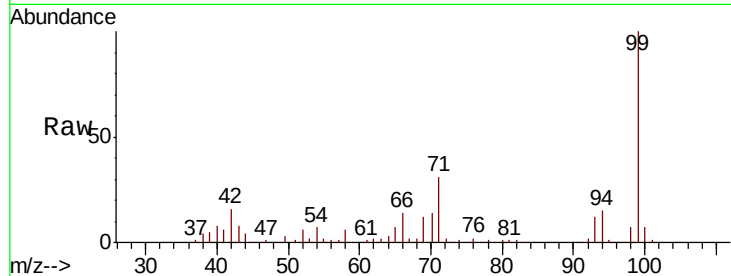
Instrument :

BNA_F

ClientSampleId :

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

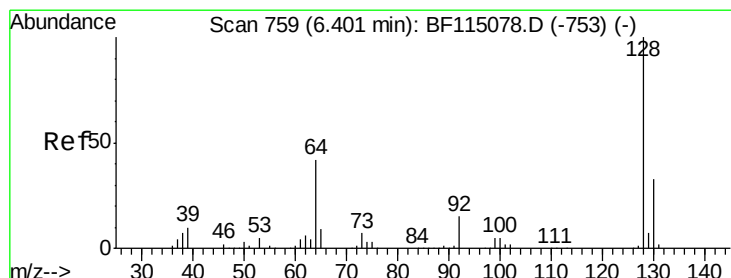
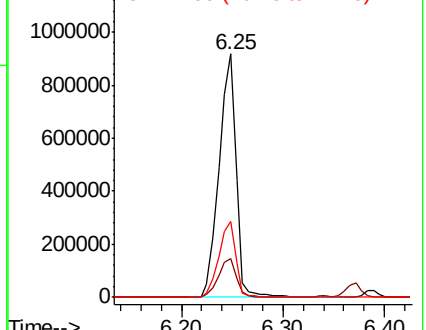
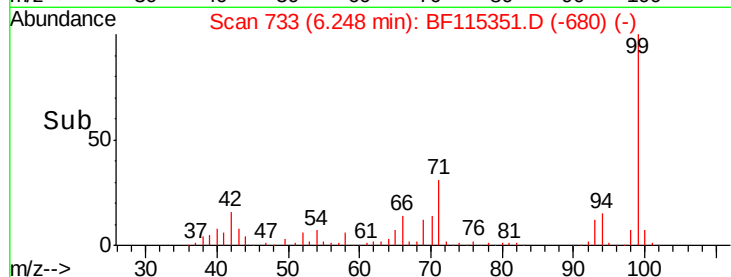


Abundance

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

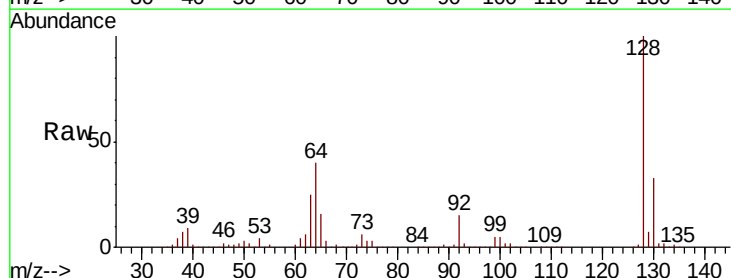
Delta R.T. 0.01 min

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

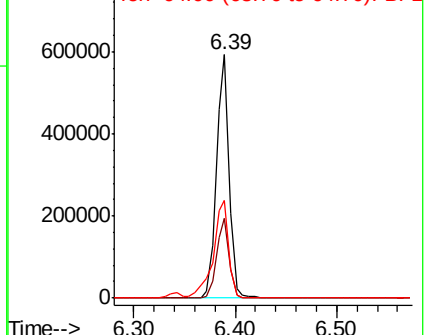
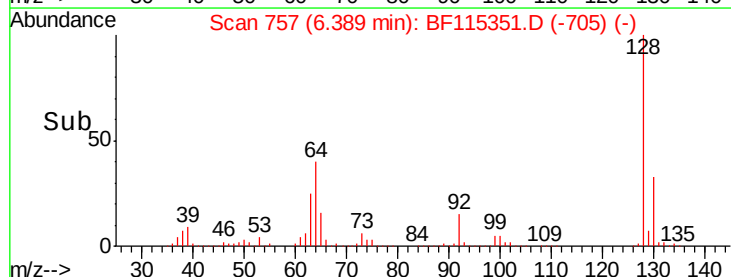


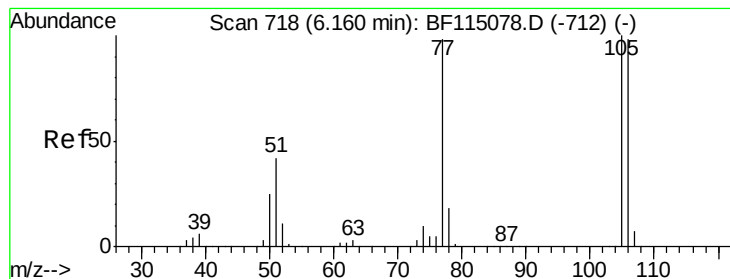
Abundance

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

ClientSampled :

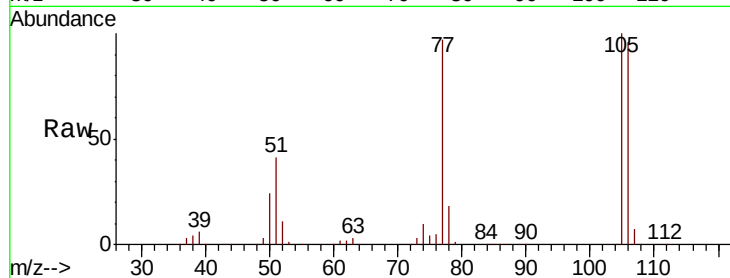
Tot Ion: 77 Resp: 285421

Ion Ratio Lower Upper

77 100

105 103.3 81.5 121.5

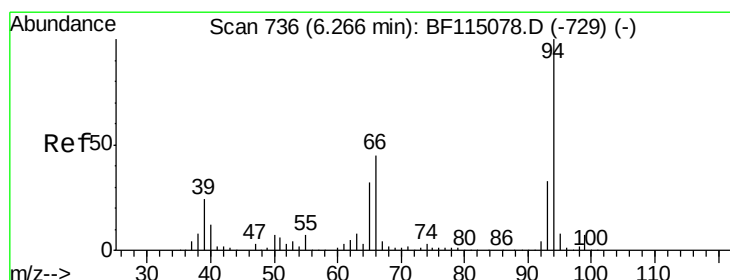
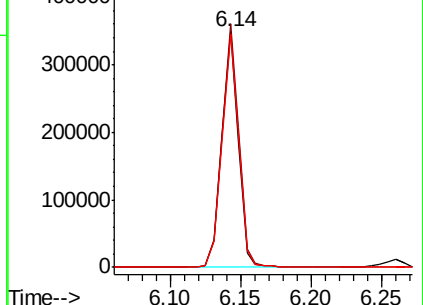
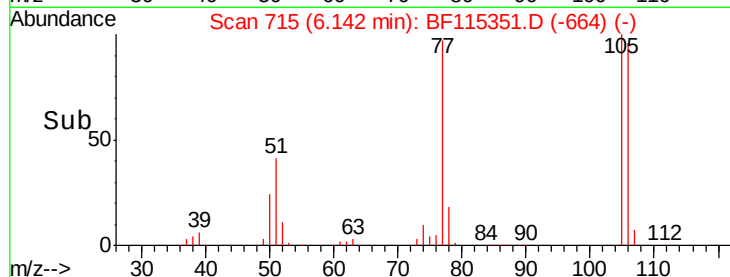
106 99.0 79.7 119.7



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

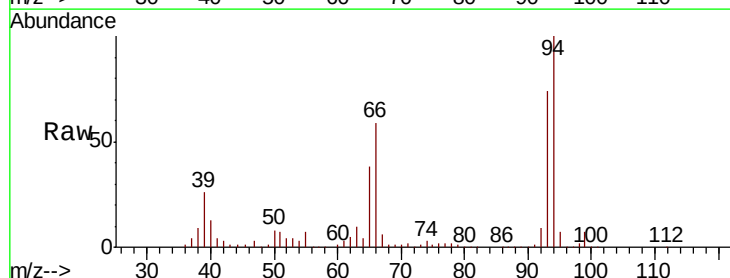
Tgt Ion: 94 Resp: 595101

Ion Ratio Lower Upper

94 100

65 38.0 11.9 51.9

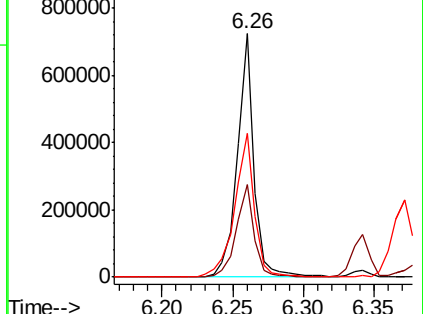
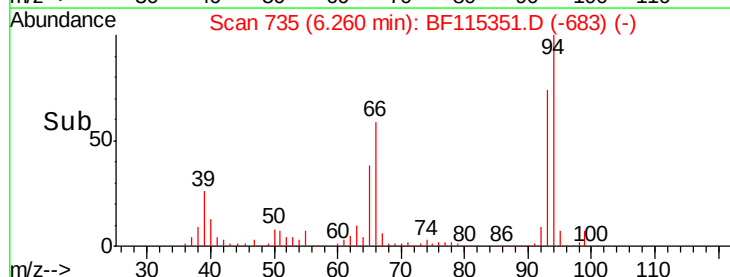
66 59.1 25.2 65.2

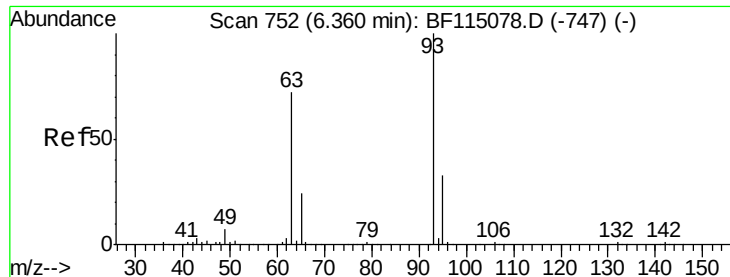


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

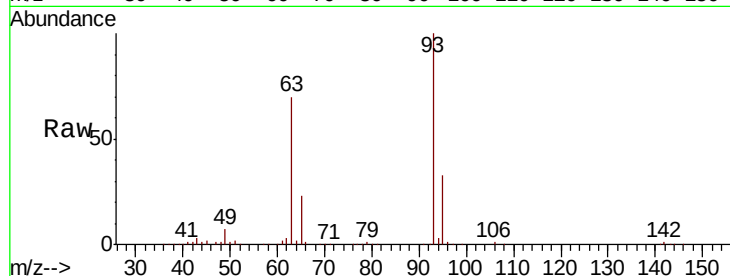
Tot Ion: 93 Resp: 457121

Ion Ratio Lower Upper

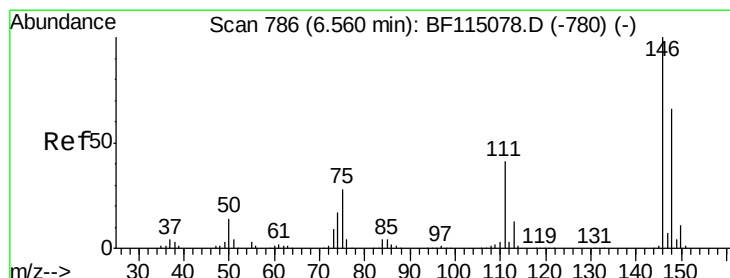
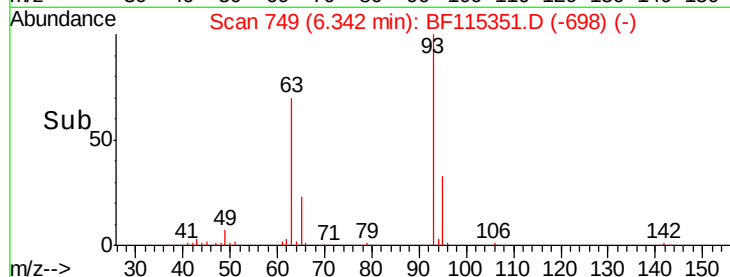
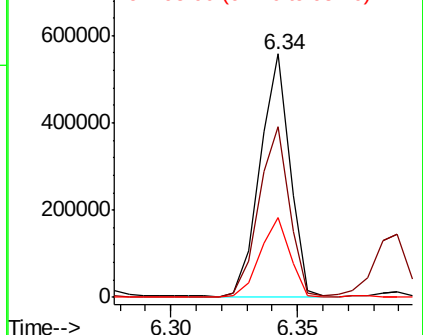
93 100

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

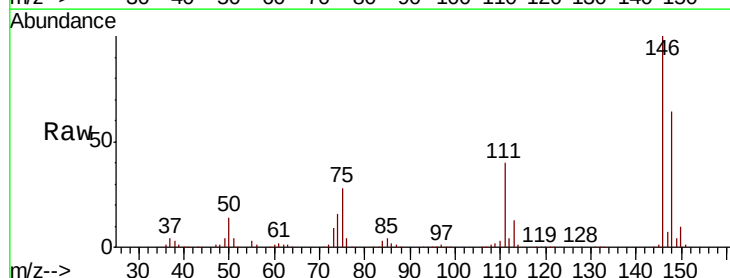
Tgt Ion: 146 Resp: 563454

Ion Ratio Lower Upper

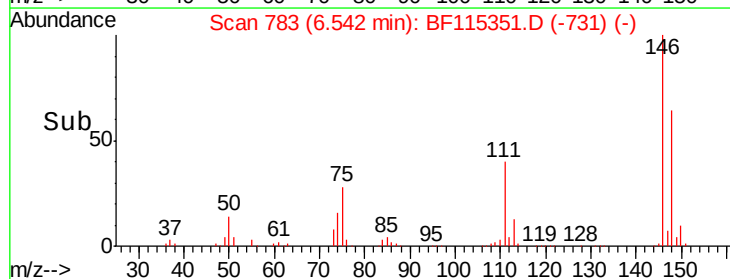
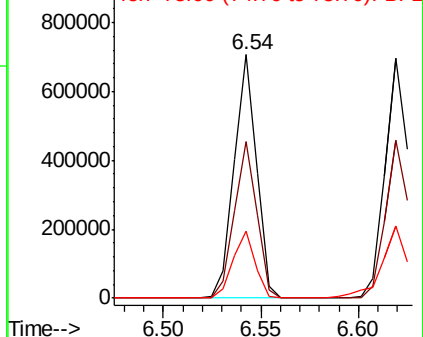
146 100

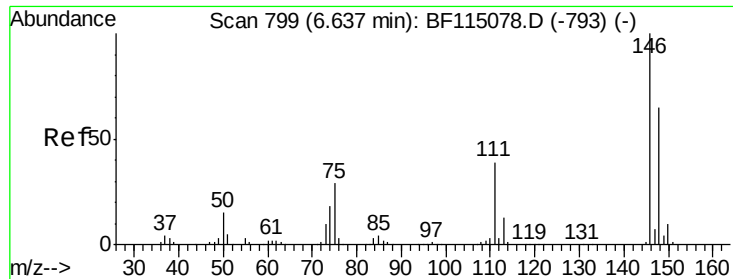
148 64.1 52.6 78.8

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

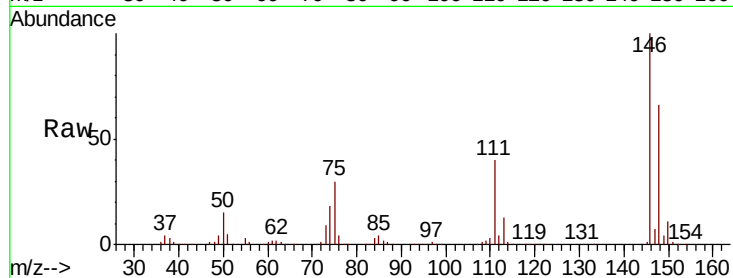




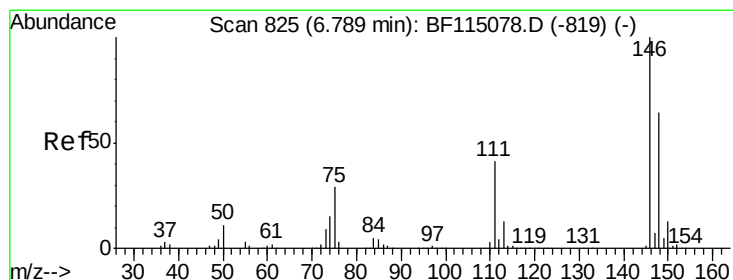
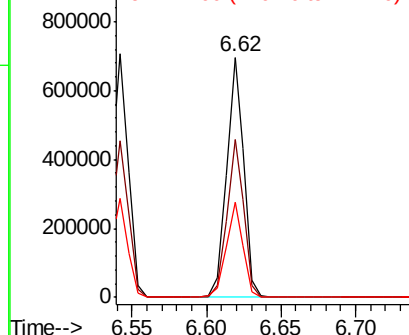
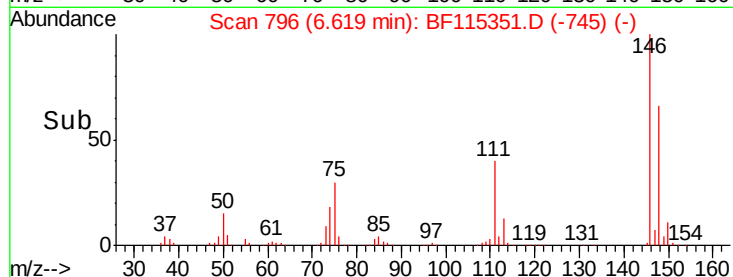
#13
 1,4-Dichlorobenzene
 Concen: 37.339 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

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

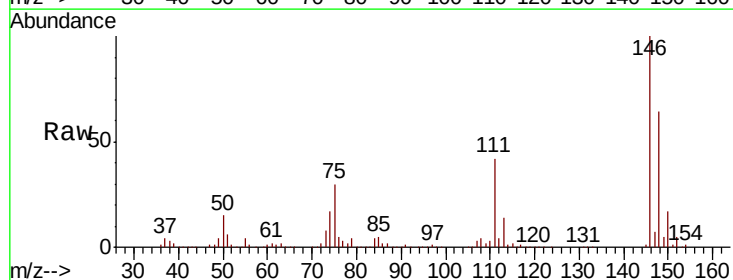


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

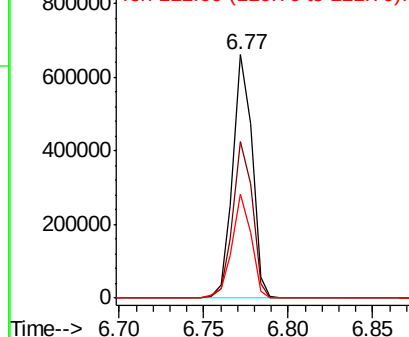
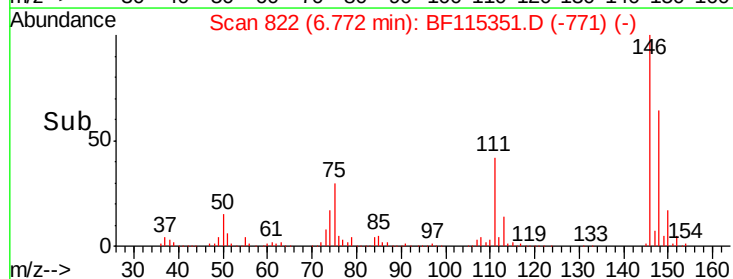


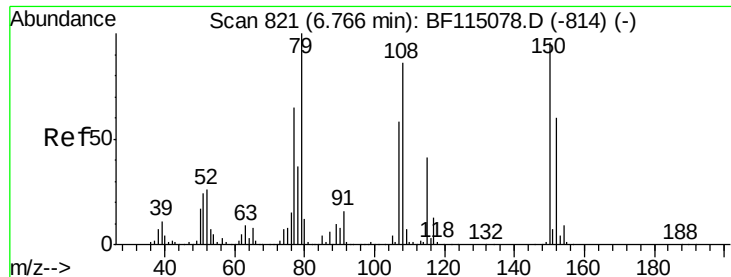
#14
 1,2-Dichlorobenzene
 Concen: 37.520 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

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



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





#15

Benzyl Alcohol

Concen: 25.481 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 :

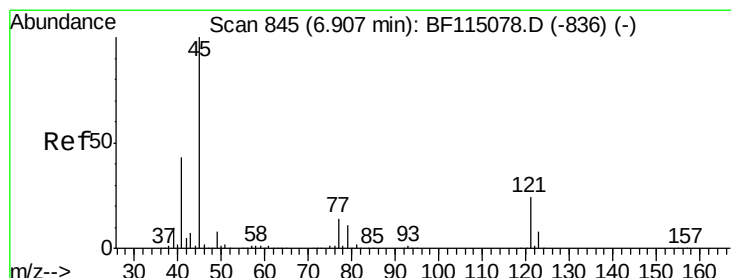
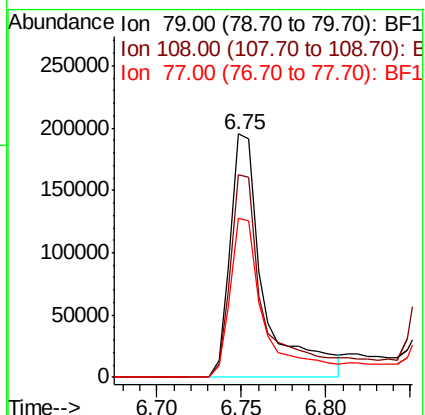
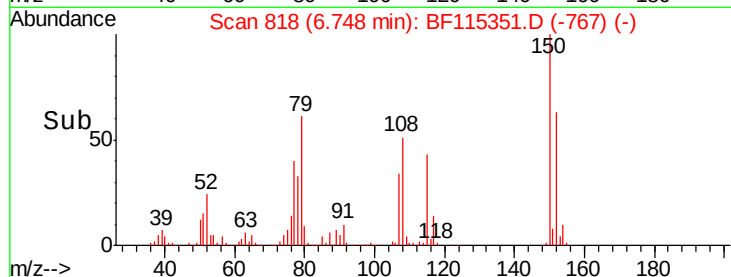
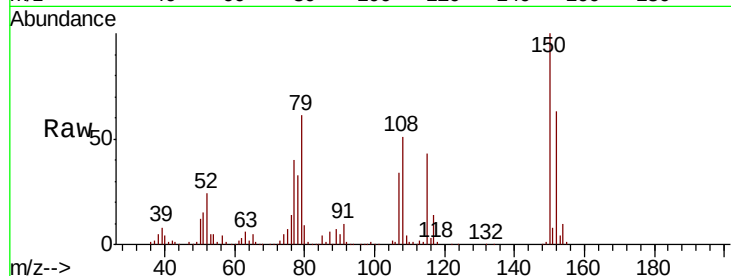
Tot Ion: 79 Resp: 273085

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

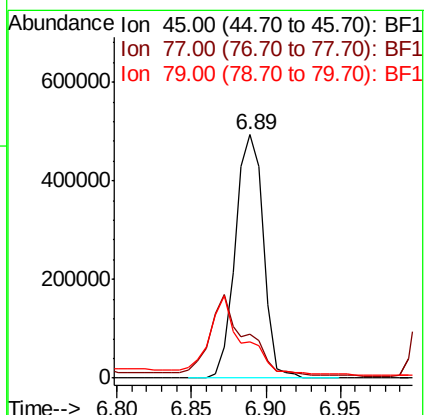
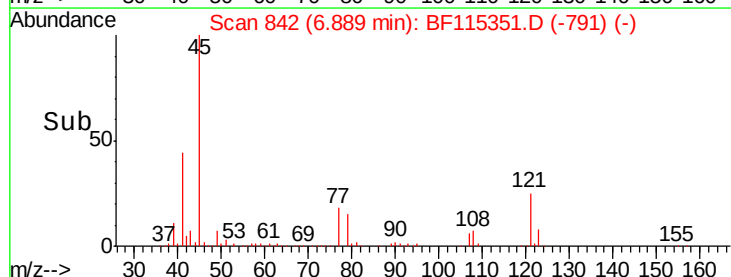
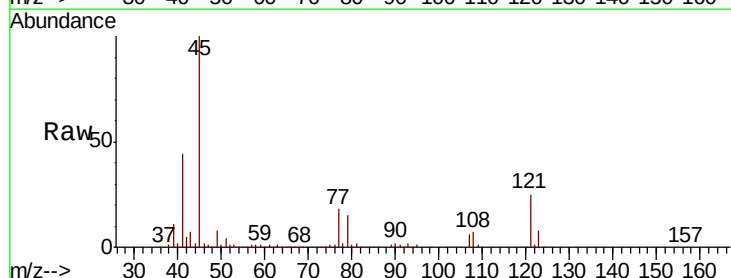
Tgt Ion: 45 Resp: 644246

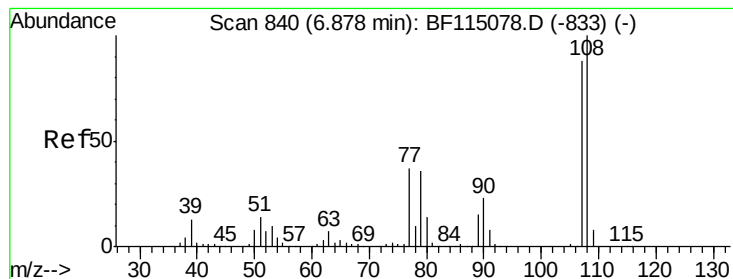
Ion Ratio Lower Upper

45 100

77 17.8 0.0 34.6

79 14.9 0.0 31.2

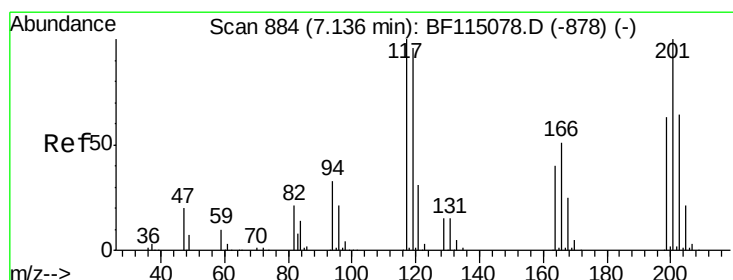
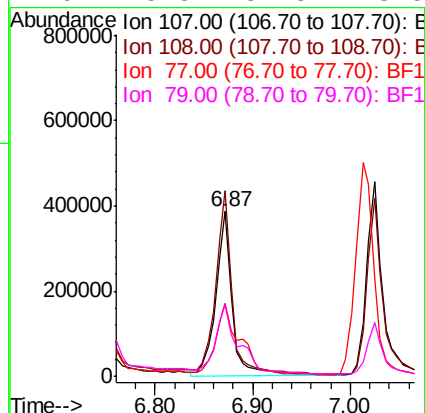
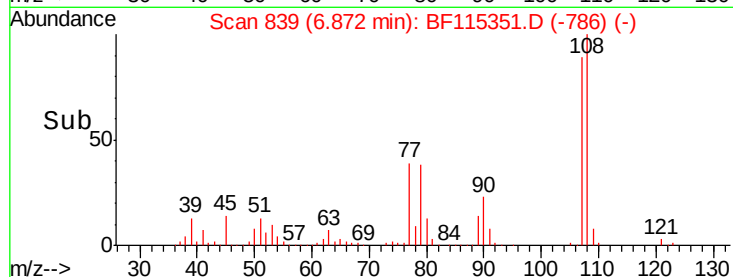
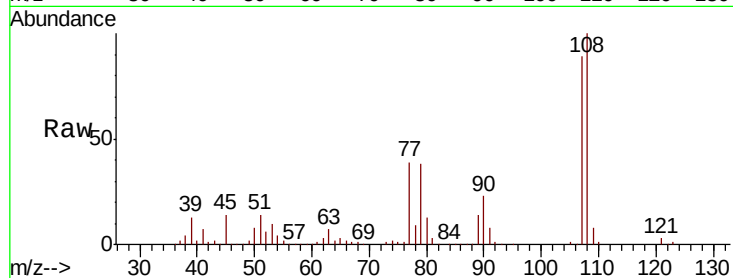




#17
2-Methylphenol
Concen: 40.515 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

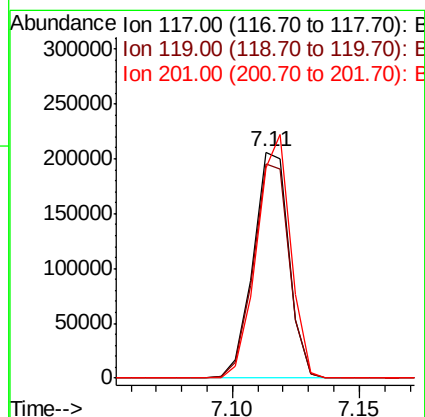
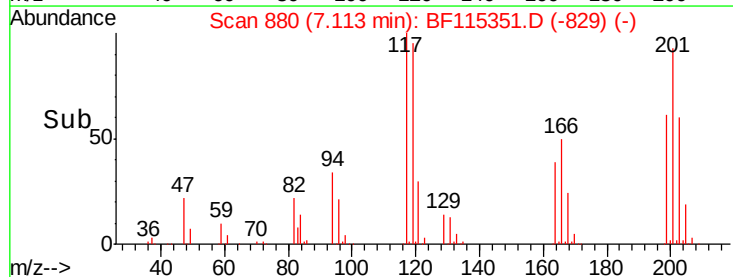
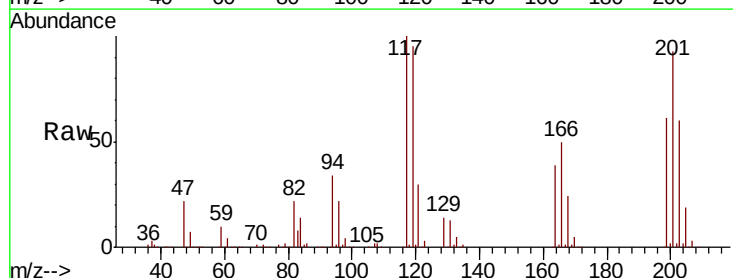
Instrument :
BNA_F
ClientSampleId :

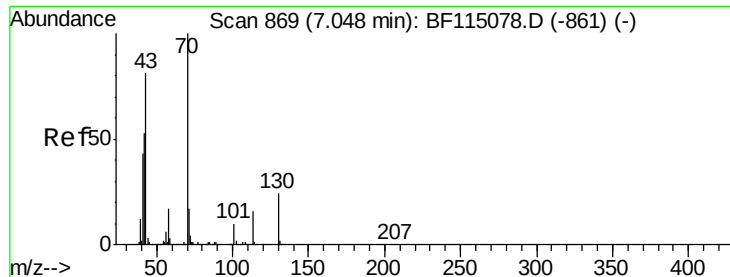
Tot Ion:107 Resp: 455974
Ion Ratio Lower Upper
107 100
108 112.5 90.9 136.3
77 44.1 33.4 50.2
79 43.3 32.3 48.5



#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

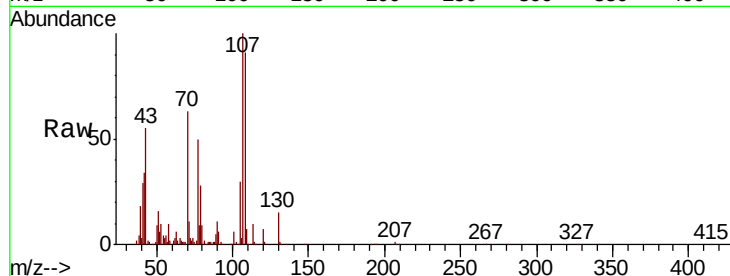




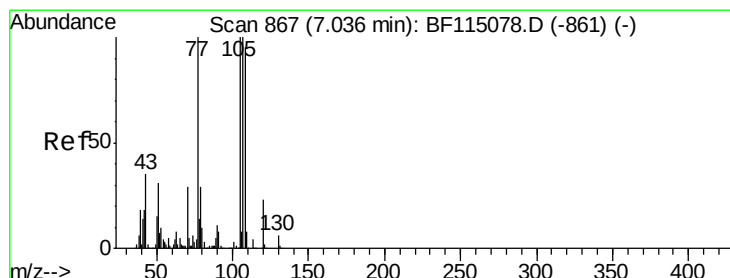
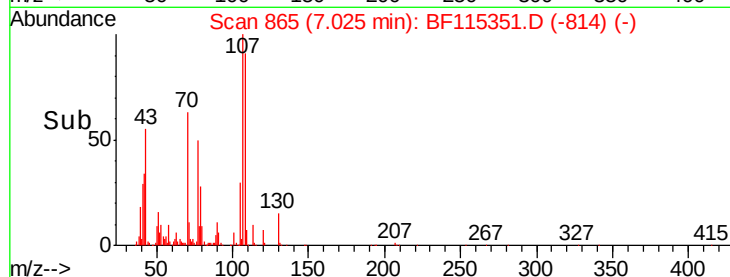
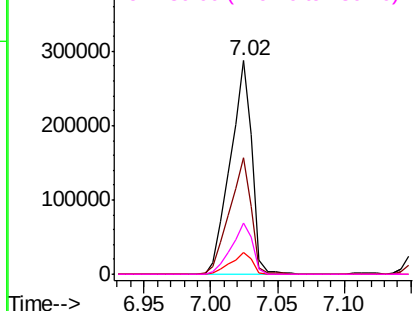
#19
n-Nitroso-di-n-propylamine
Concen: 34.791 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	327816
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



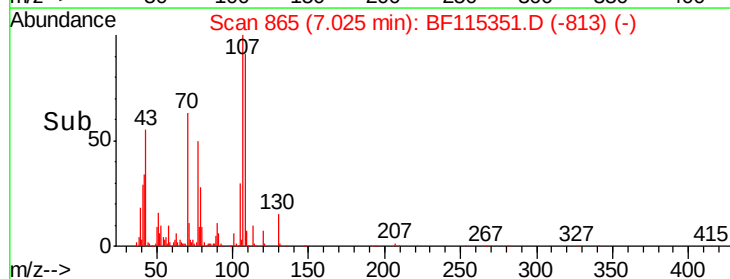
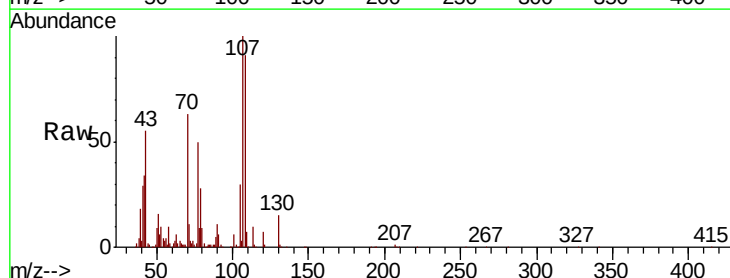
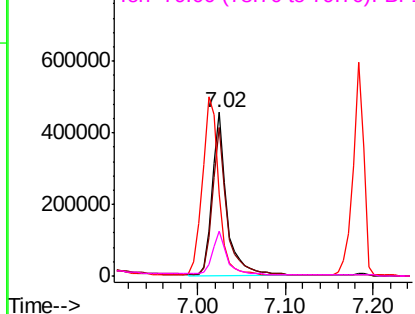
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

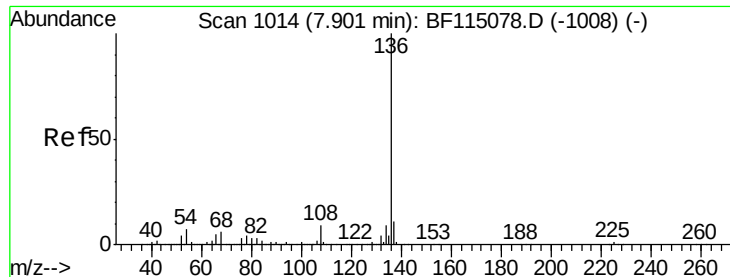


#20
3+4-Methylphenols
Concen: 40.850 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Tgt Ion:	107	Resp:	530857
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): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

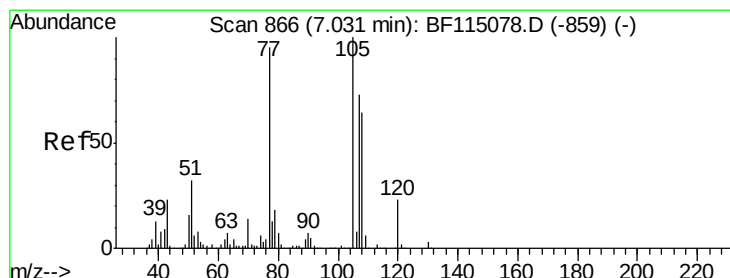
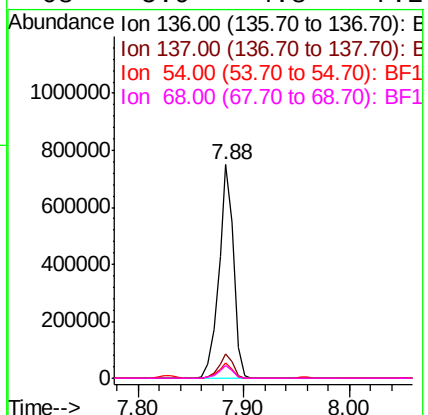
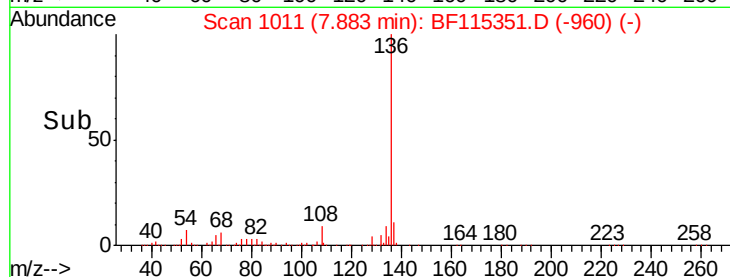
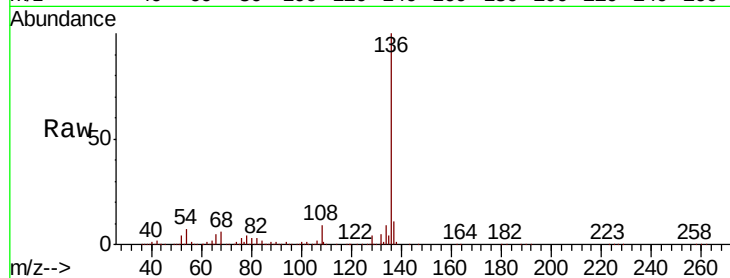




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

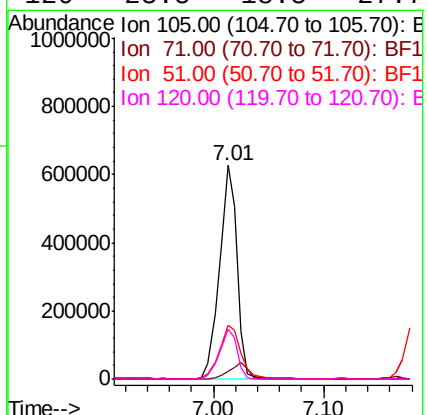
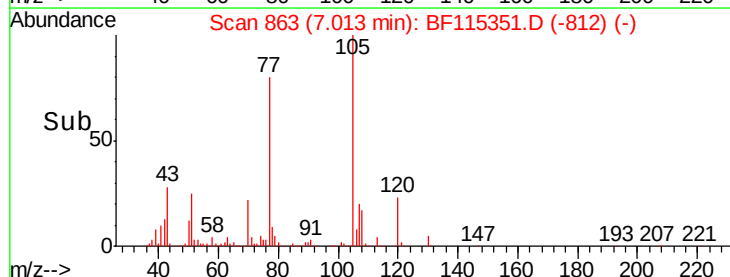
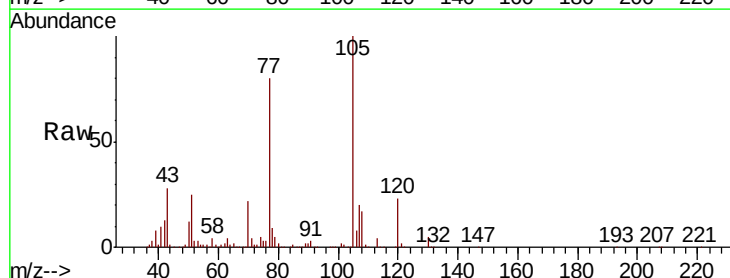
Instrument :
BNA_F
ClientSampleId :

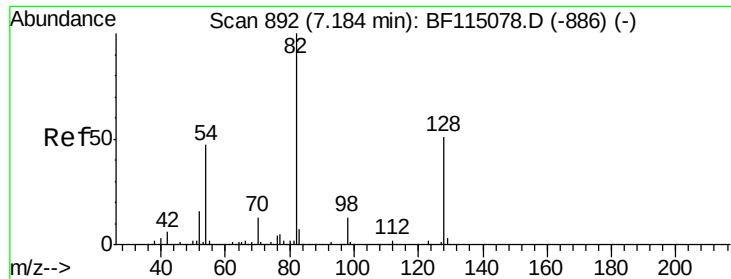
Tot Ion:136	Resp:	733913
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 7.1	5.6	8.4
68 5.9	4.8	7.2



#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

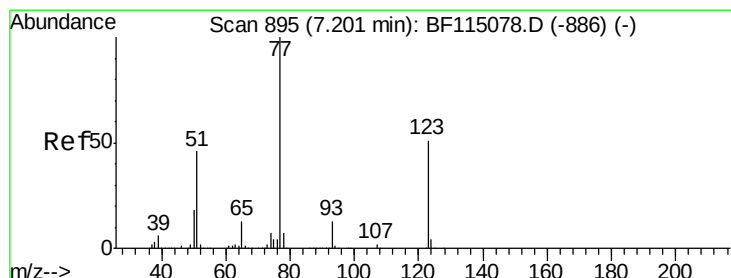
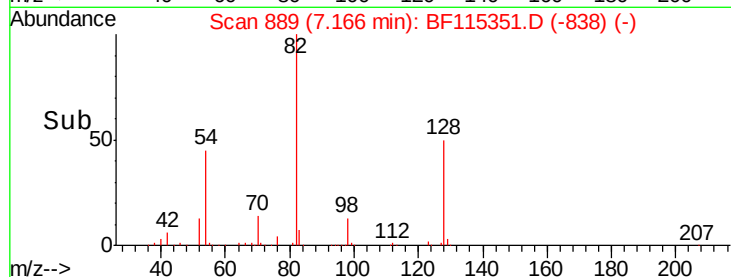
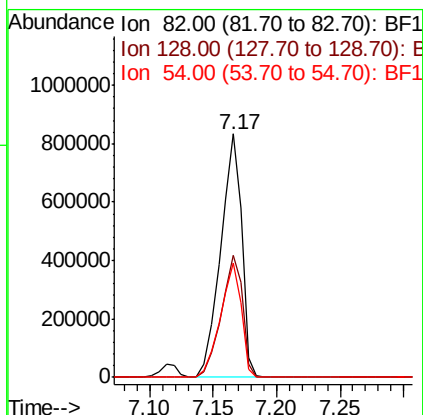
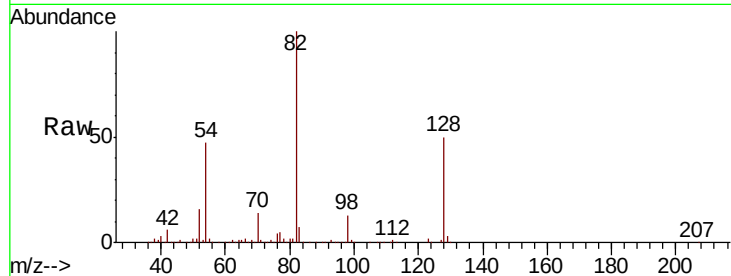




#23
Nitrobenzene-d5
Concen: 80.486 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

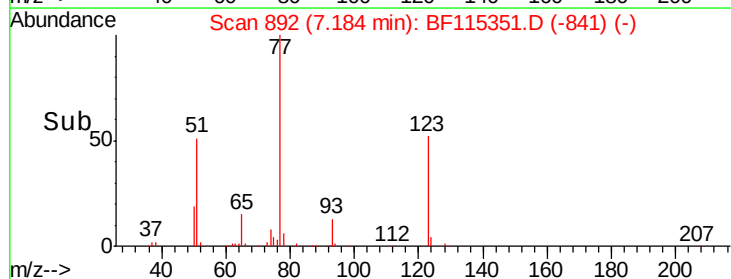
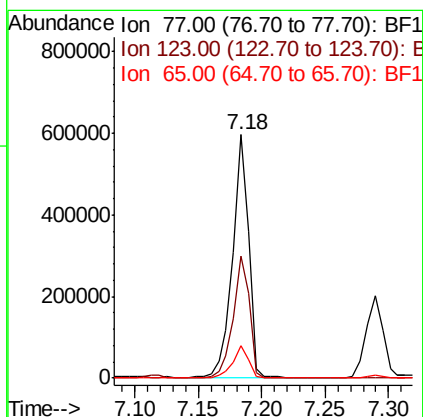
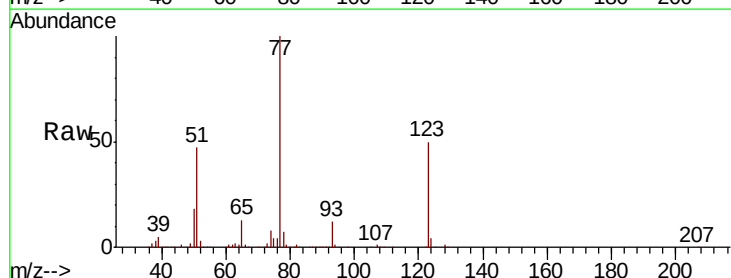
Instrument :
BNA_F
ClientSampled :

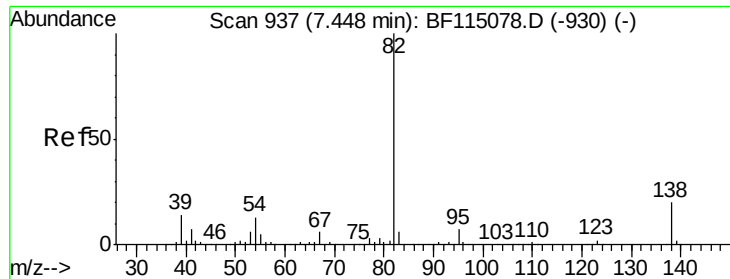
Tot Ion	82	Resp	960249
Ion Ratio	Lower	Upper	
82	100		
128	50.2	40.4	60.6
54	46.8	37.5	56.3



#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 :

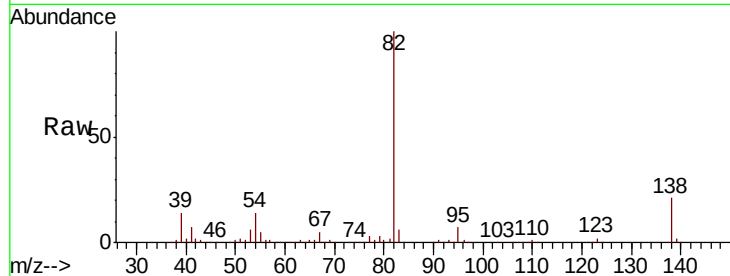
Tot Ion: 82 Resp: 914116

Ion Ratio Lower Upper

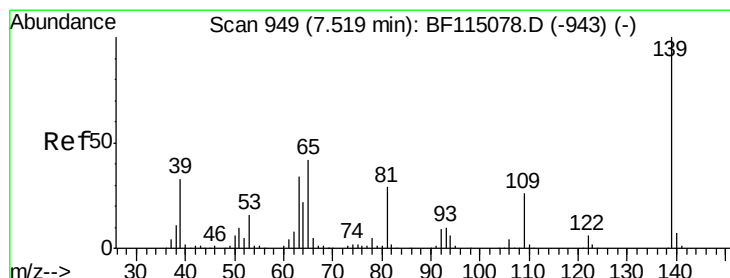
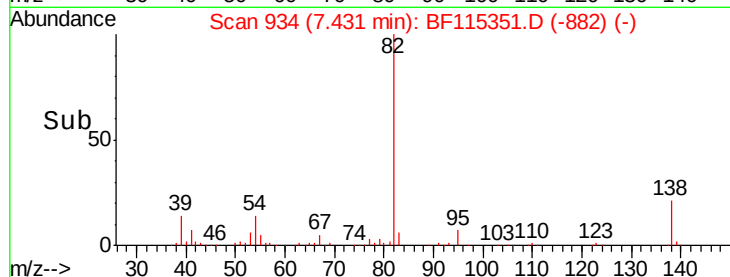
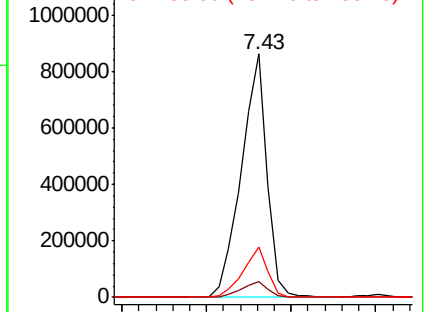
82 100

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

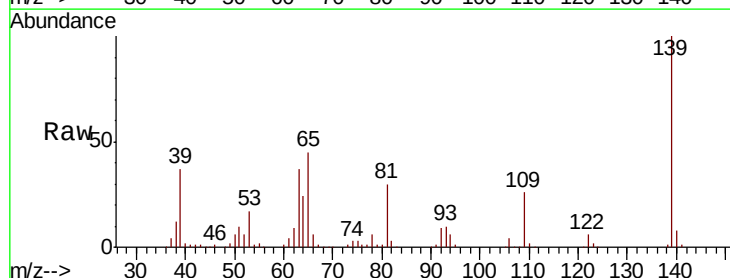
Tgt Ion: 139 Resp: 286627

Ion Ratio Lower Upper

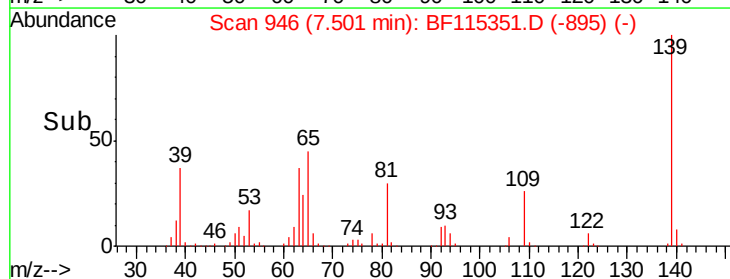
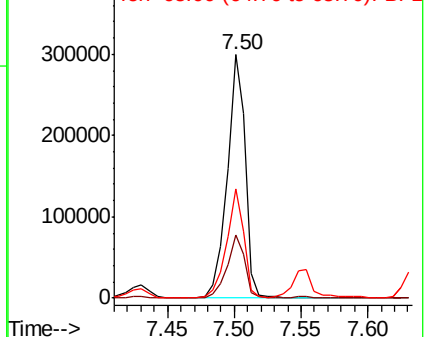
139 100

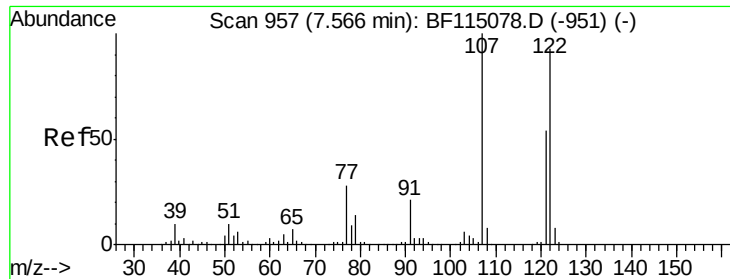
109 26.1 20.4 30.6

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

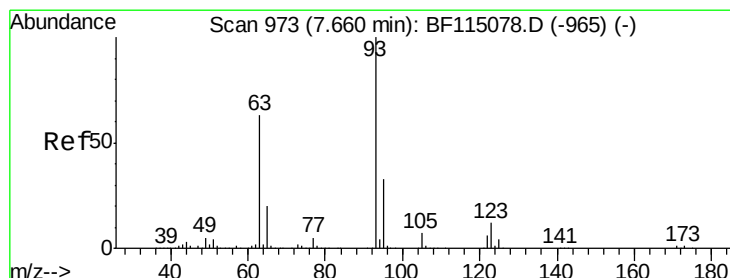
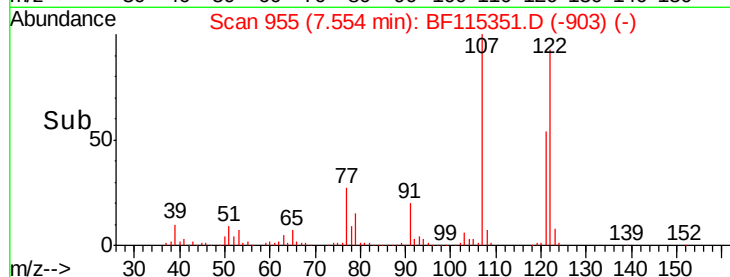
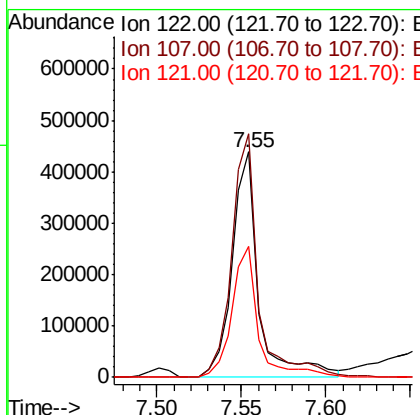
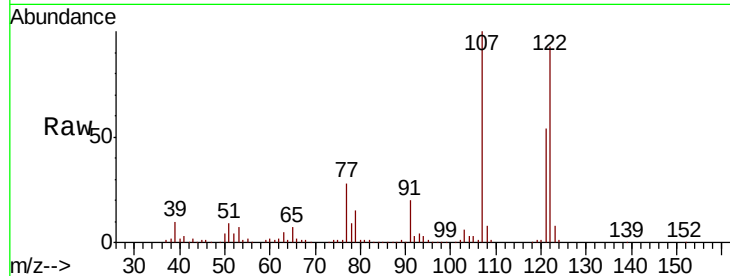




#27
 2,4-Dimethylphenol
 Concen: 44.709 ng
 RT: 7.55 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

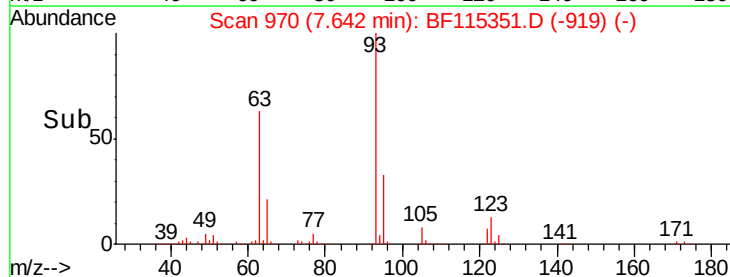
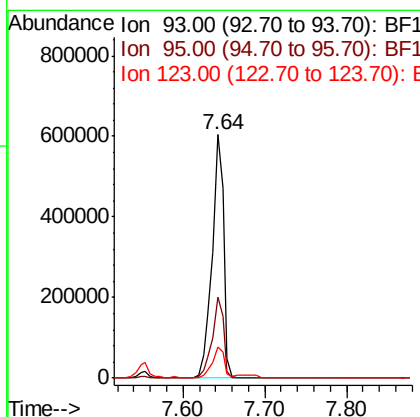
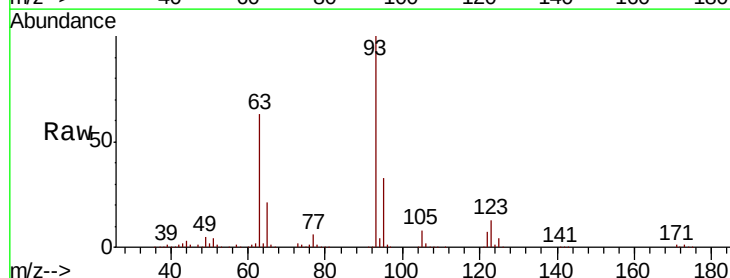
Instrument :
 BNA_F
 ClientSampleId :

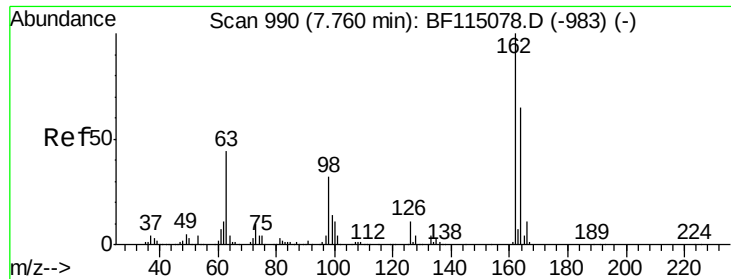
Tot Ion:122 Resp: 475143
 Ion Ratio Lower Upper
 122 100
 107 108.0 85.8 128.6
 121 58.0 46.3 69.5



#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

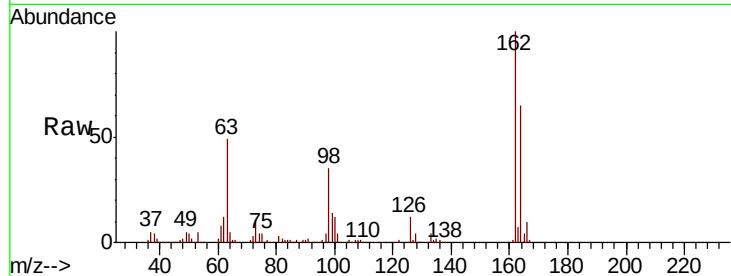




#29
2,4-Dichlorophenol
Concen: 40.988 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

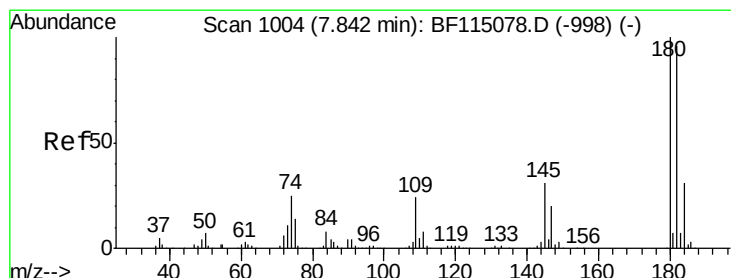
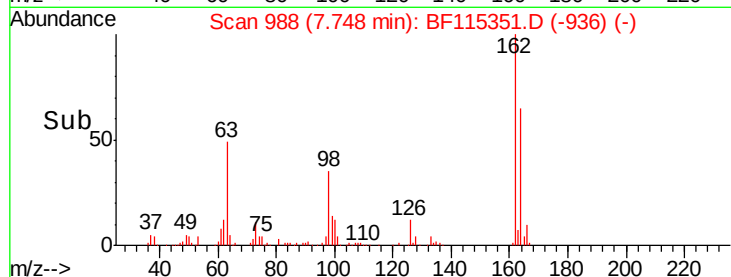
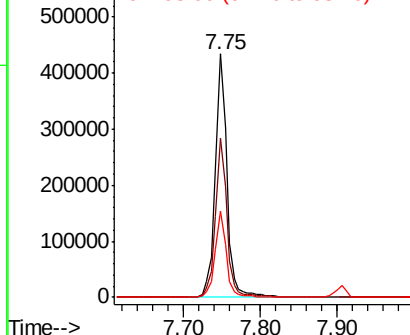


Abundance

Ion 162.00 (161.70 to 162.70): E

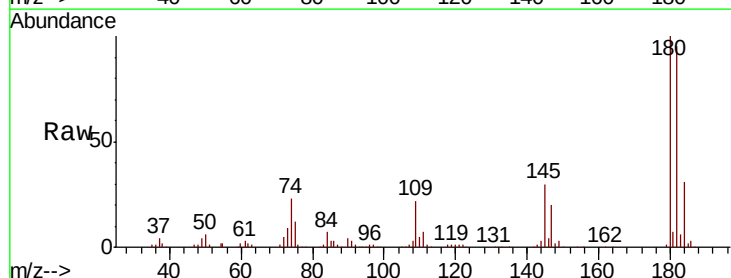
Ion 164.00 (163.70 to 164.70): E

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

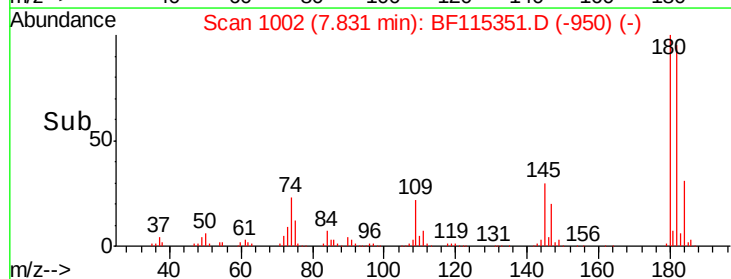
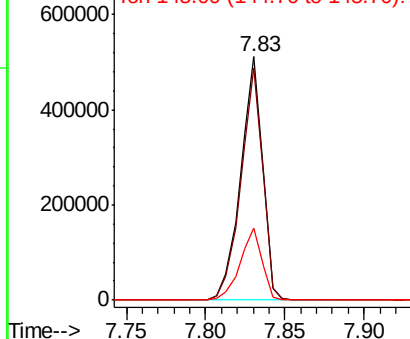


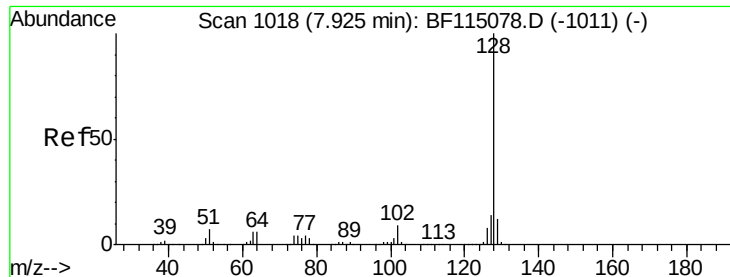
Abundance

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

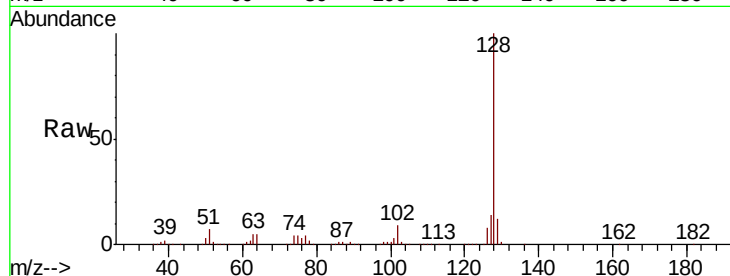




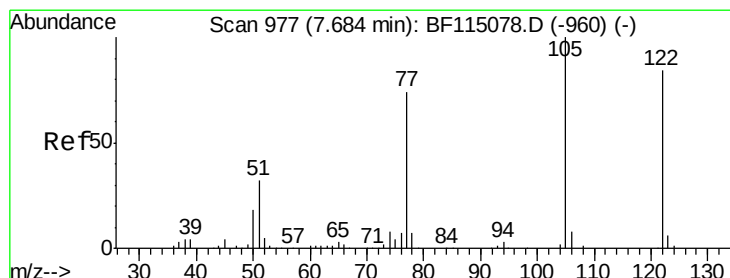
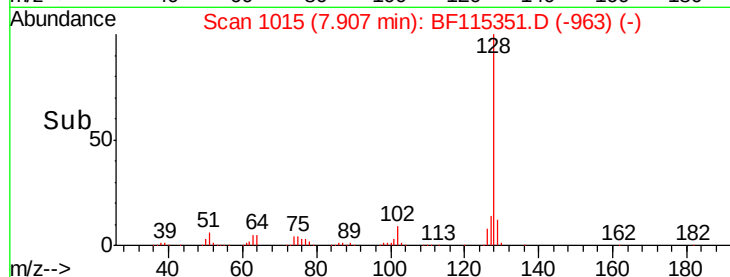
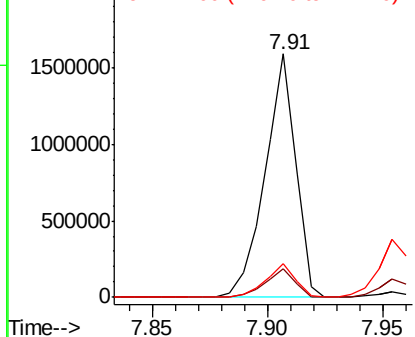
#31
Naphthalene
Concen: 40.796 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

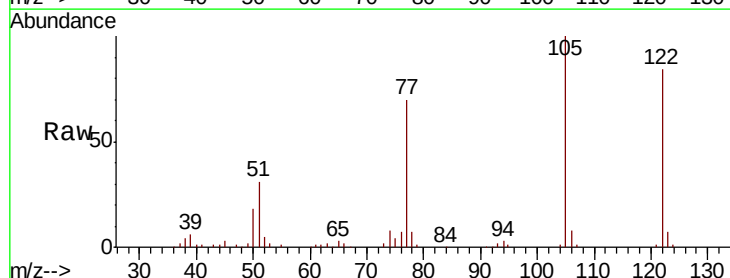


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

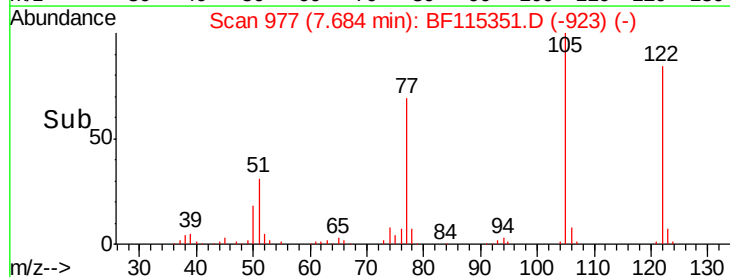
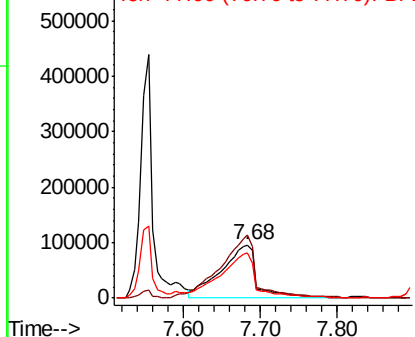


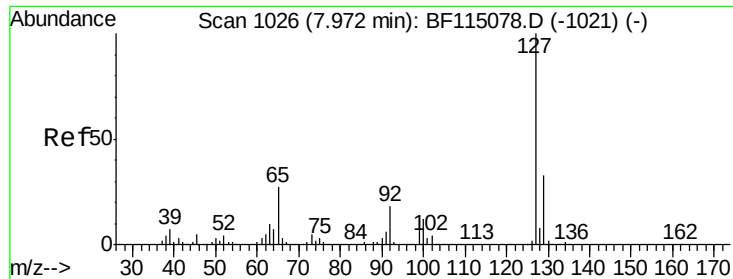
#32
Benzoic acid
Concen: 40.057 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

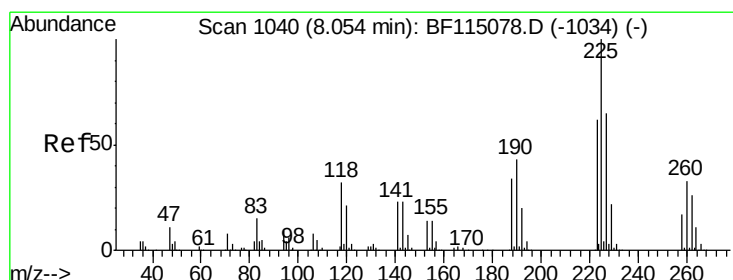
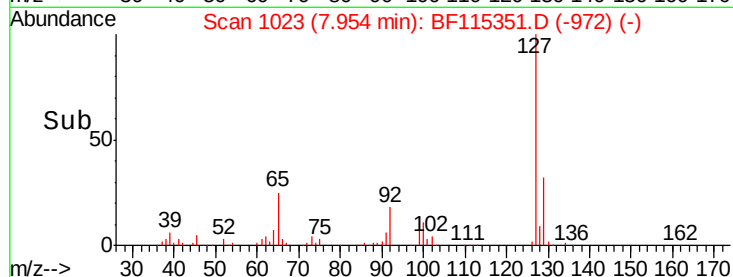
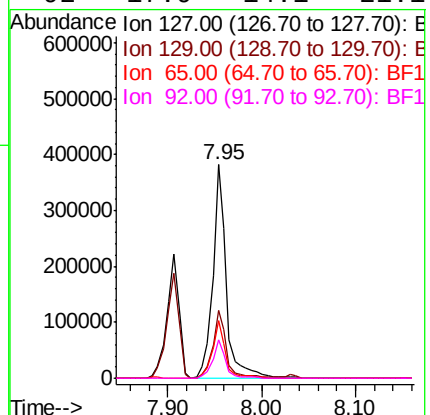
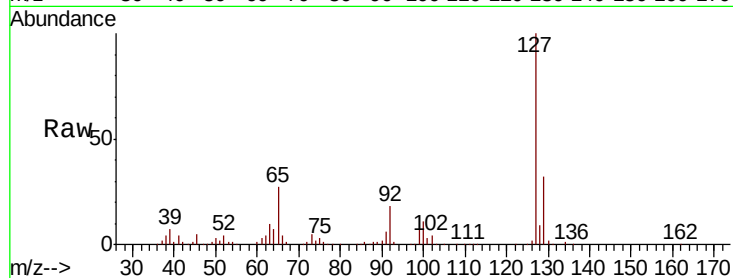




#33
4-Chloroaniline
Concen: 23.635 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

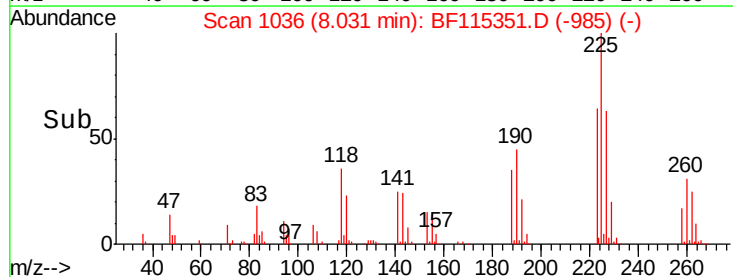
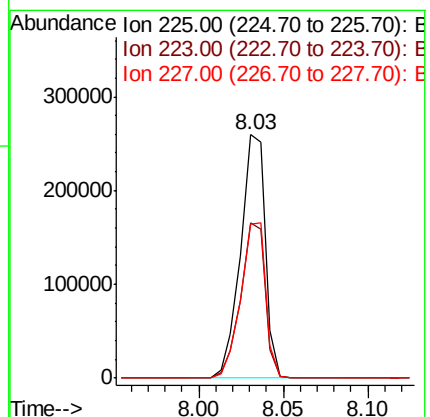
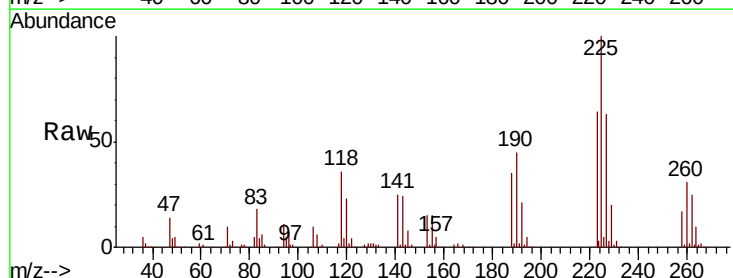
Instrument :
BNA_F
ClientSampled :

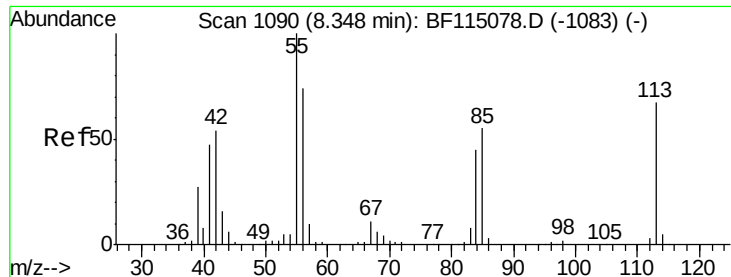
Tot Ion:	127	Resp:	389145
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.2	21.4	32.2
92	17.9	14.1	21.1



#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

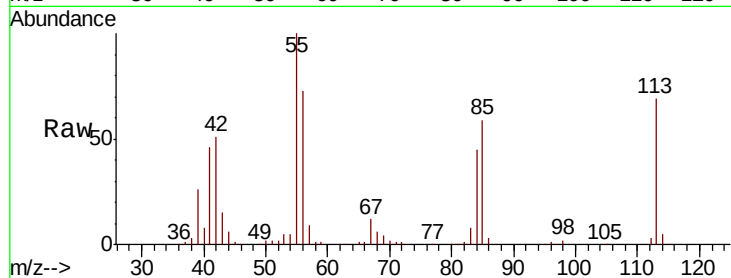




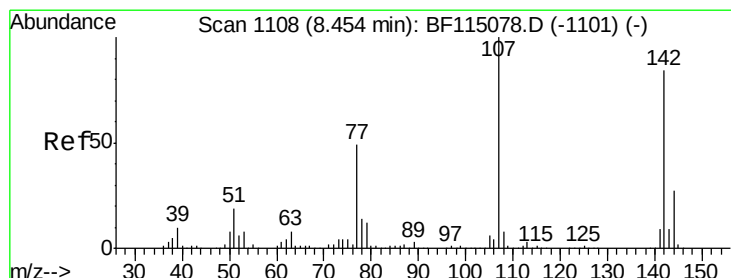
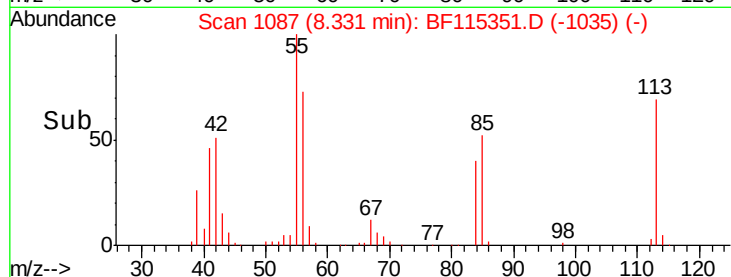
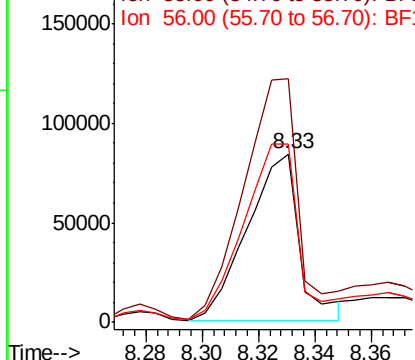
#35
Caprolactam
Concen: 29.175 ng
RT: 8.33 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

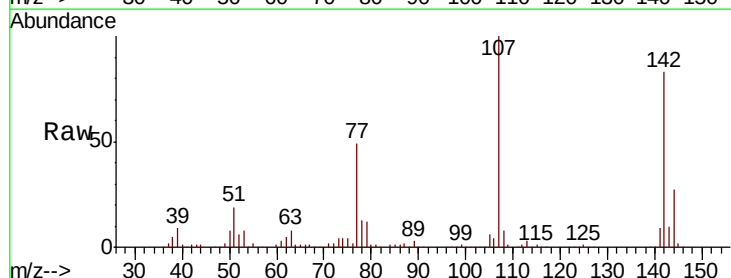


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

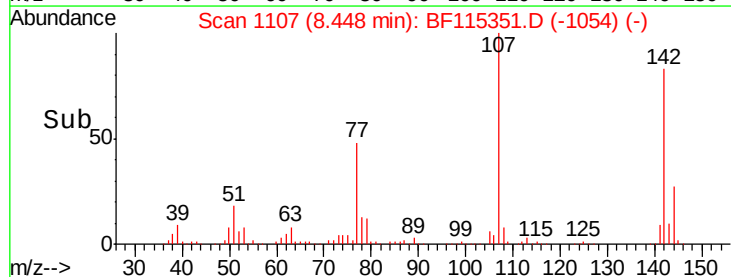
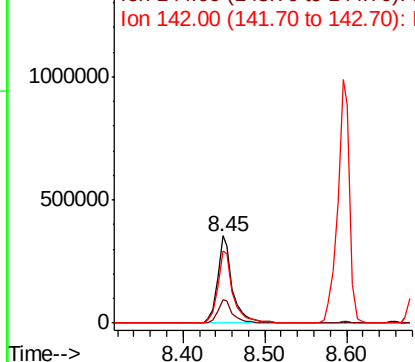


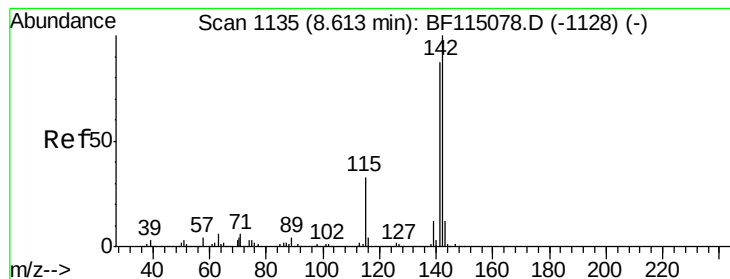
#36
4-Chloro-3-methylphenol
Concen: 40.395 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

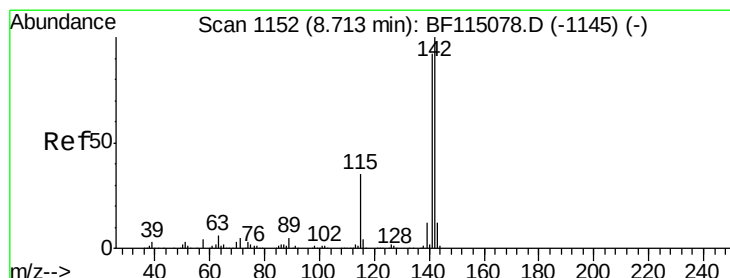
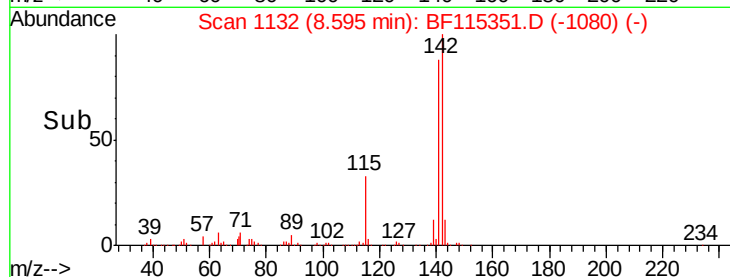
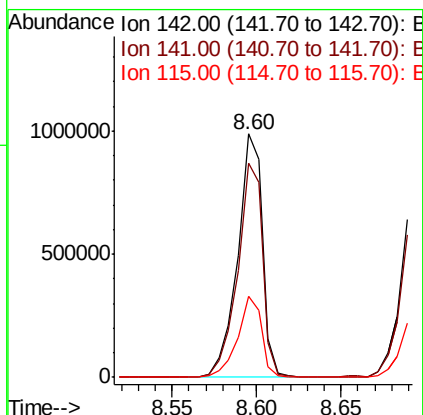
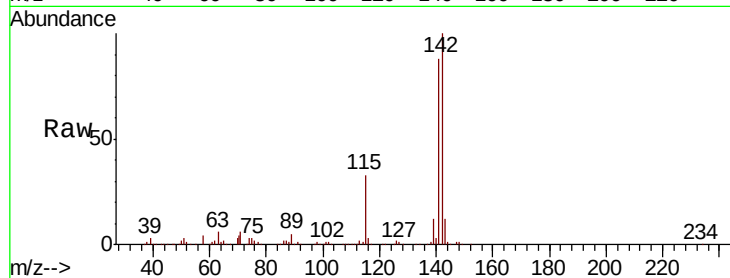




#37
 2-Methylnaphthalene
 Concen: 41.564 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

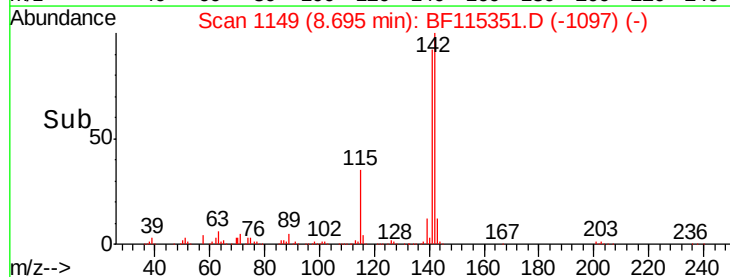
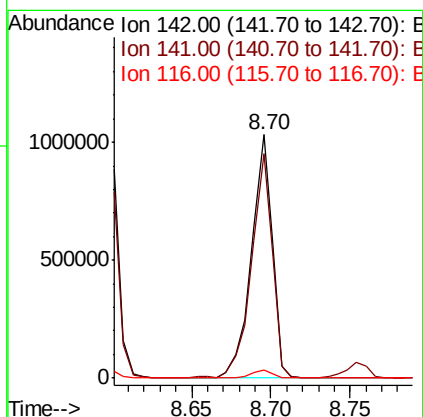
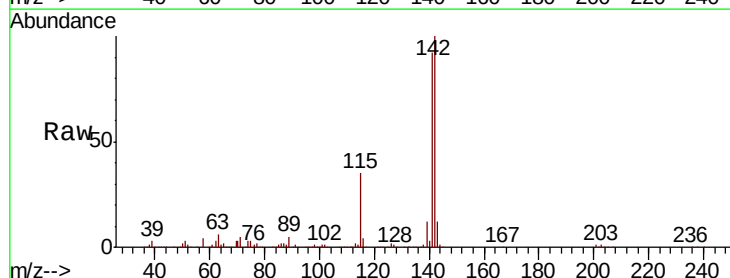
Instrument :
 BNA_F
 ClientSampleId :

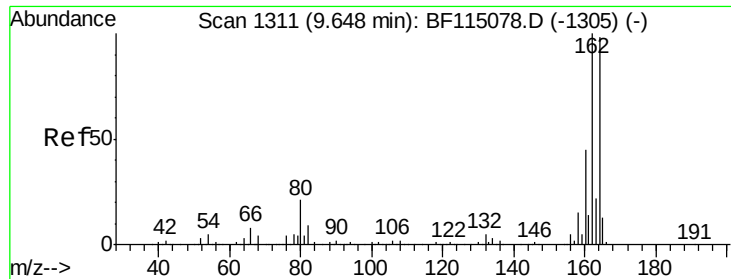
Tot Ion:142 Resp: 1009625
 Ion Ratio Lower Upper
 142 100
 141 88.0 69.8 104.6
 115 33.1 26.7 40.1



#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

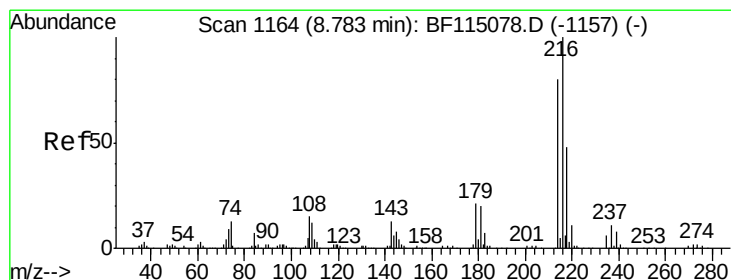
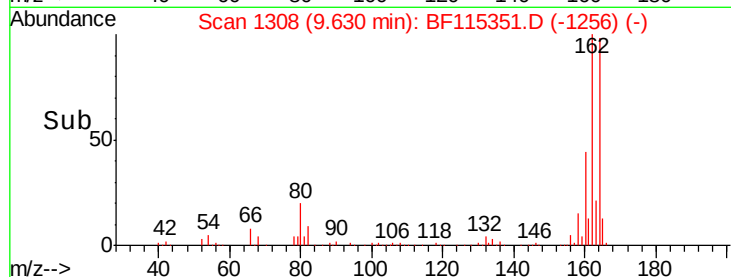
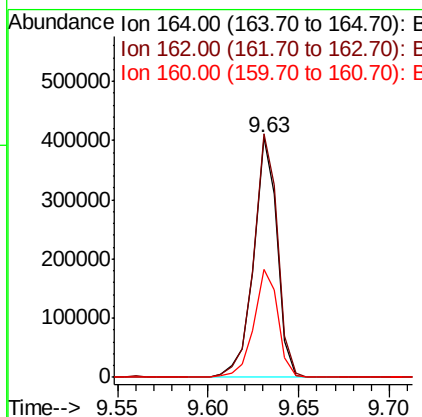
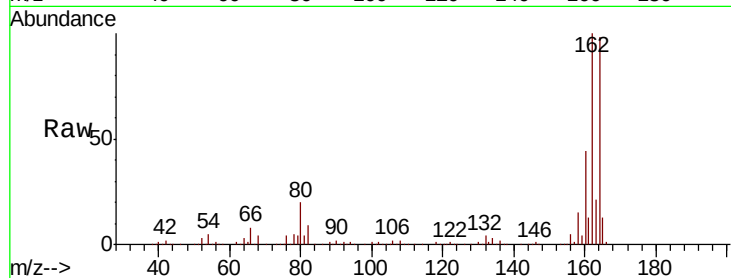




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

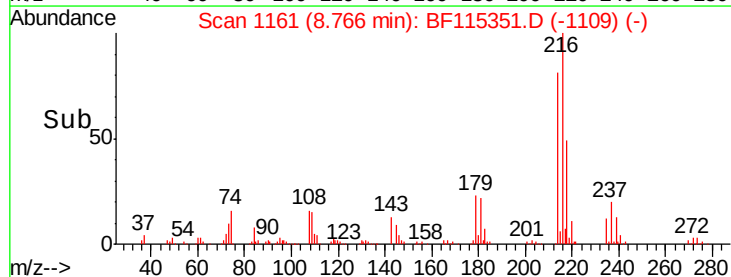
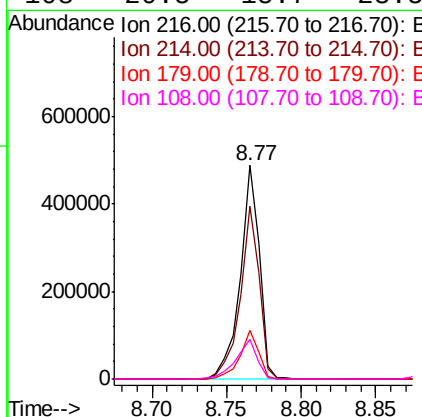
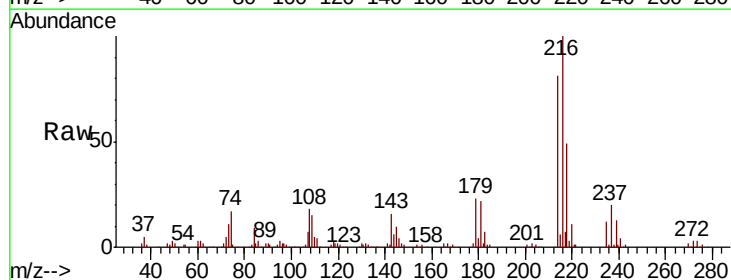
Instrument :
 BNA_F
 ClientSampled :

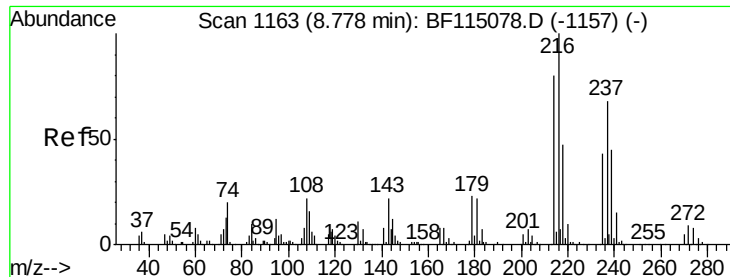
Tot Ion:164 Resp: 363115
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.7 122.5
 160 45.1 37.0 55.4



#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

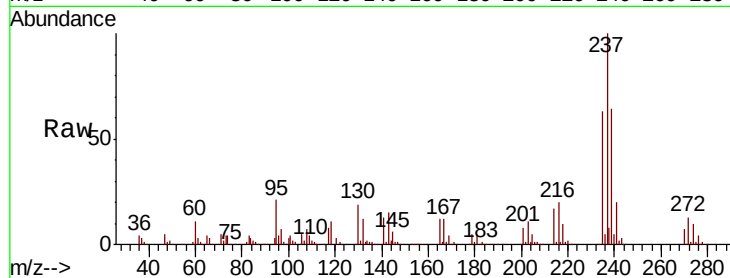




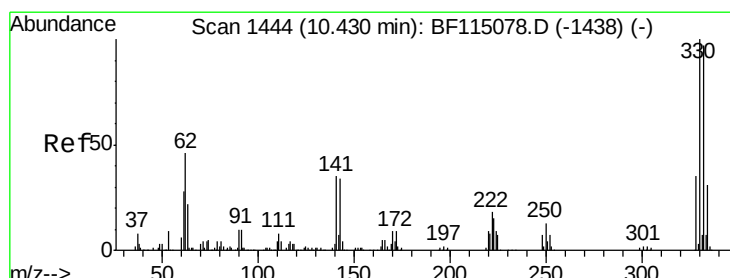
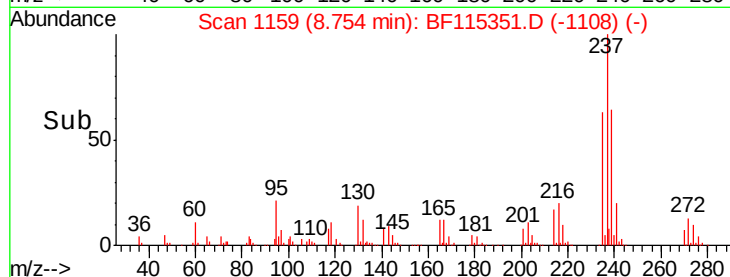
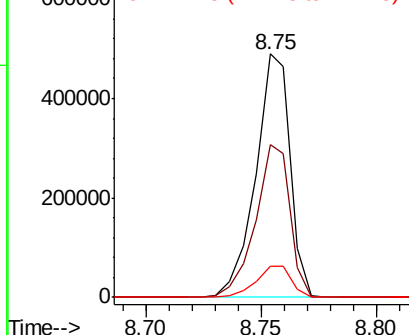
#41
Hexachlorocyclopentadiene
Concen: 83.622 ng
RT: 8.75 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

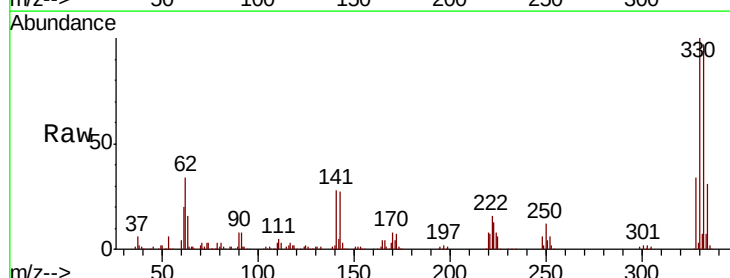


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

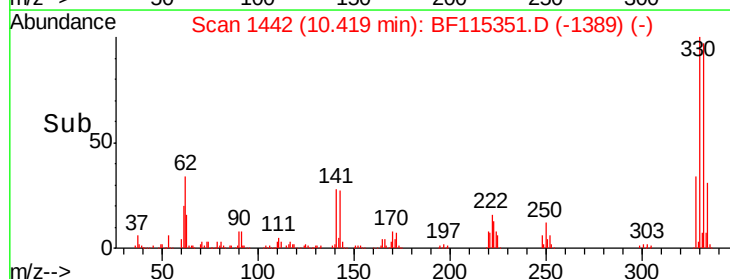
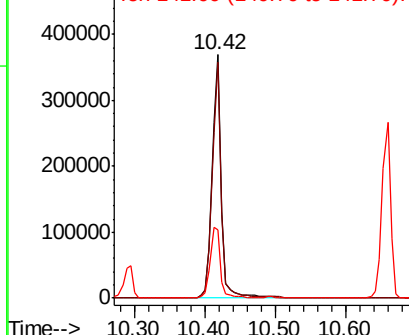


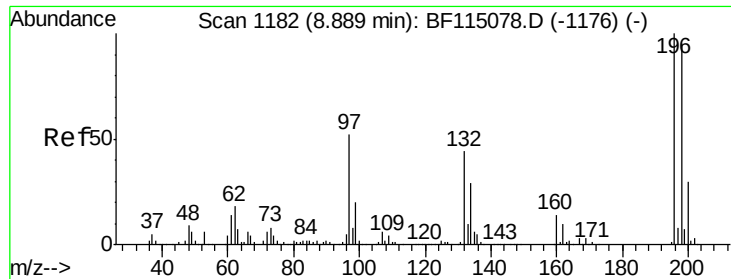
#42
2,4,6-Tribromophenol
Concen: 87.706 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

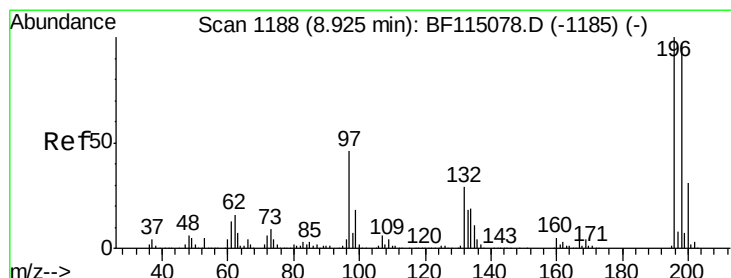
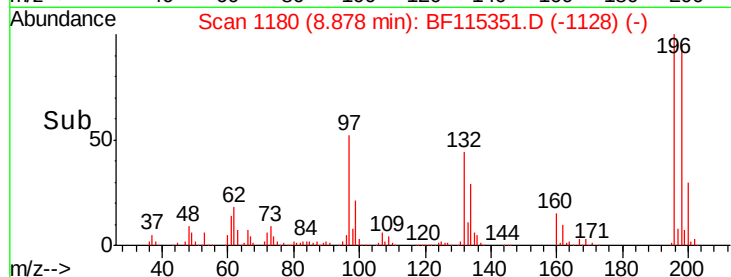
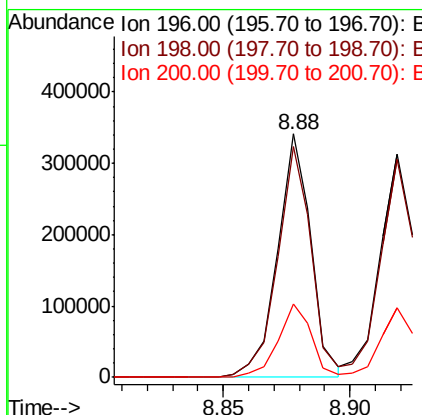
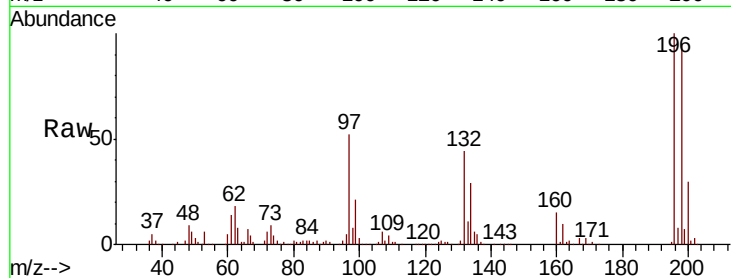




#43
 2,4,6-Trichlorophenol
 Concen: 39.677 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

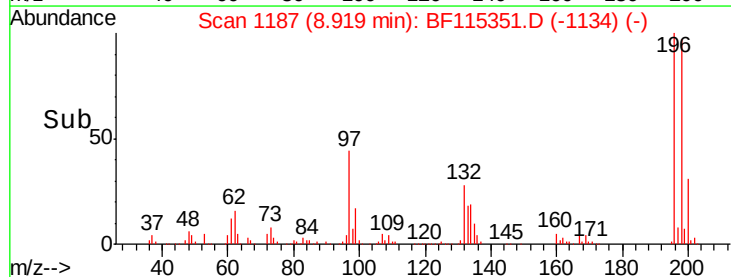
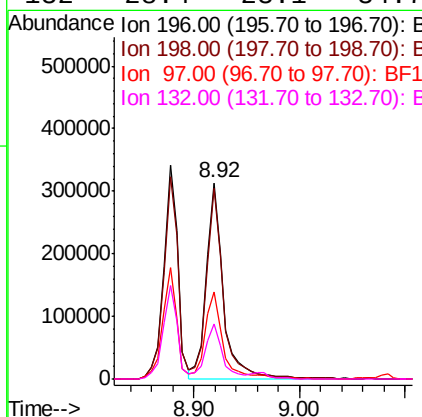
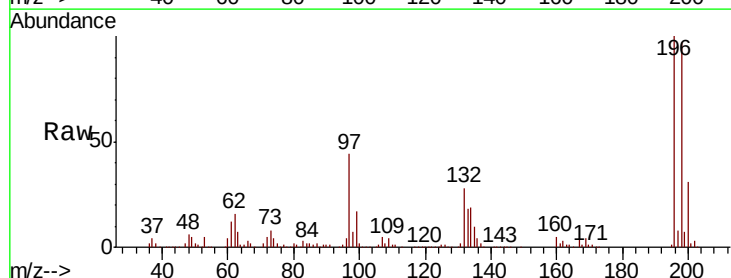
Instrument :
 BNA_F
 ClientSampleId :

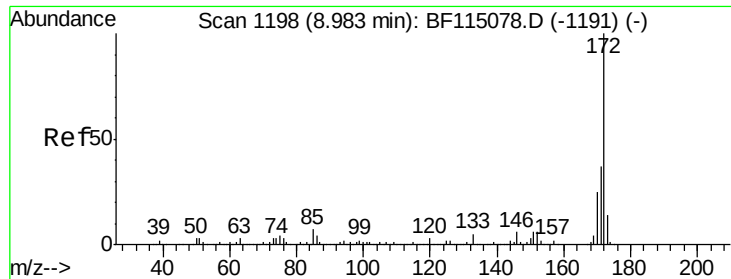
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.3	114.5
200	30.2	24.2	36.4



#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	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

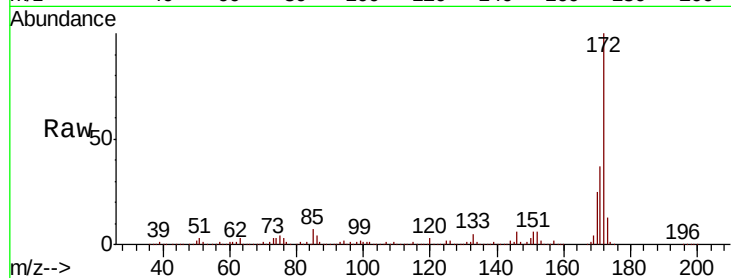




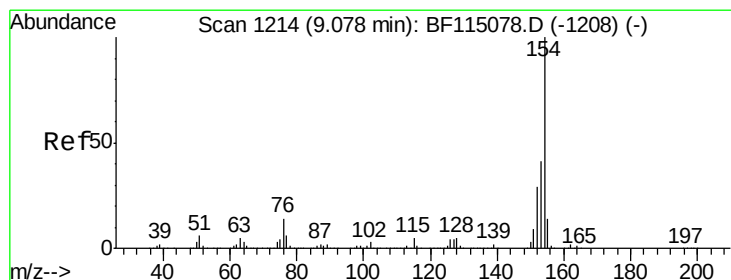
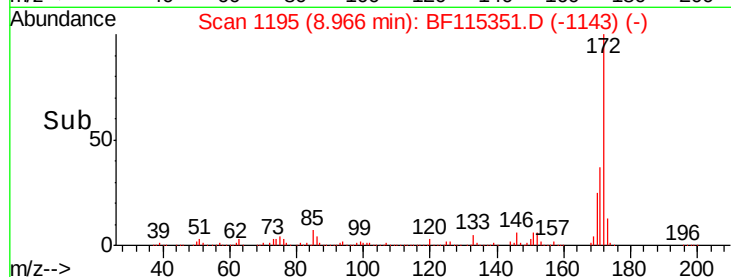
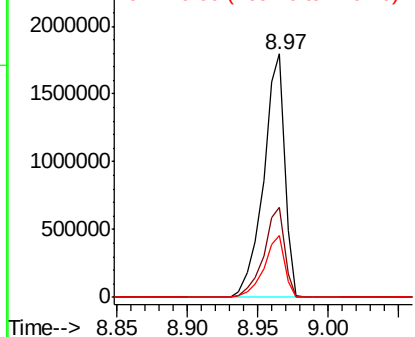
#45
2-Fluorobiphenyl
Concen: 89.182 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampled :

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

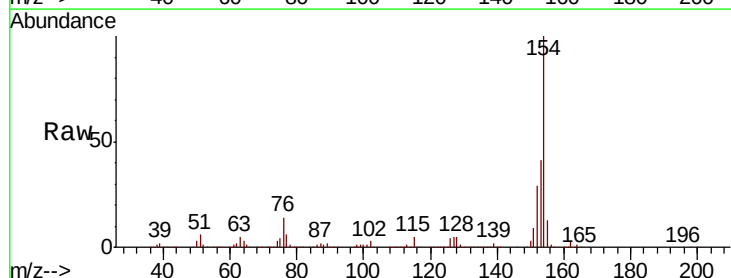


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

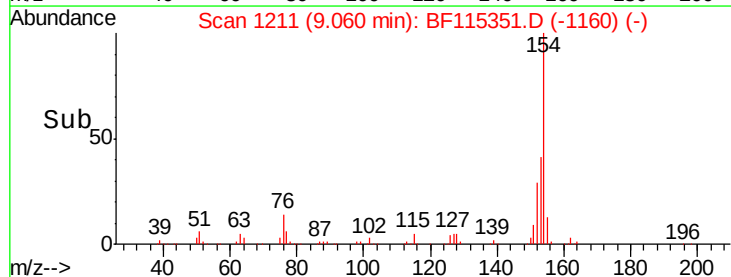
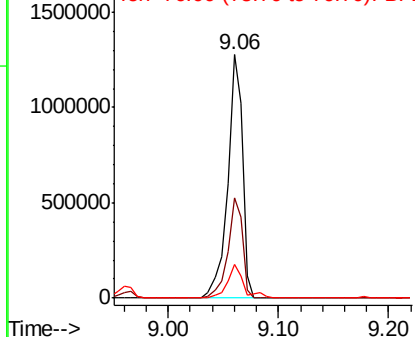


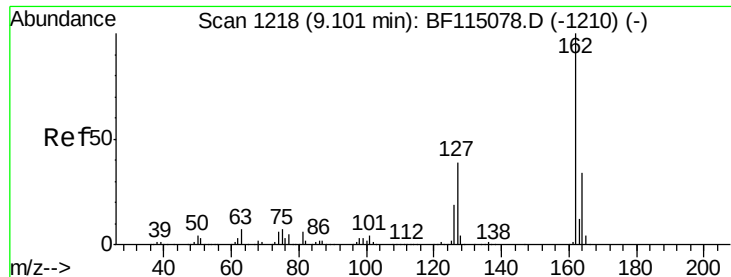
#46
1,1'-Biphenyl
Concen: 41.120 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

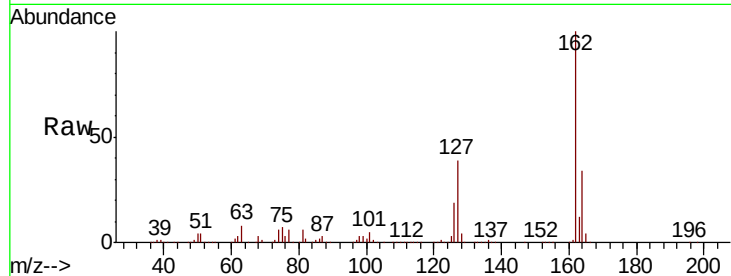




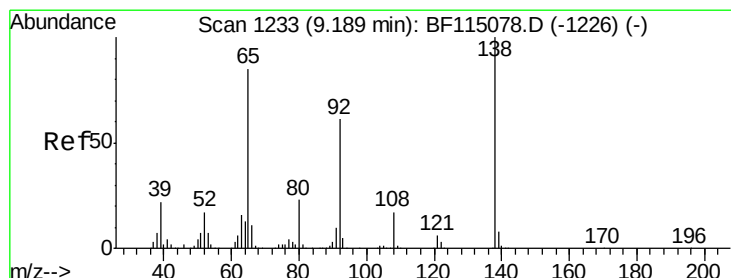
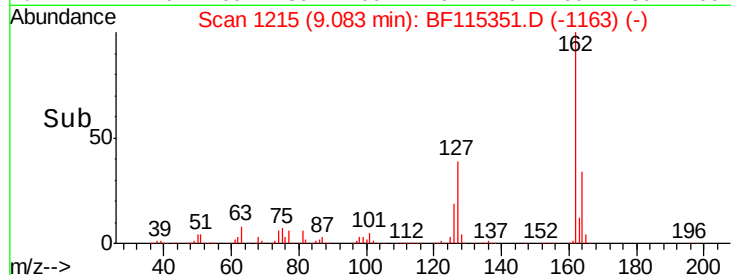
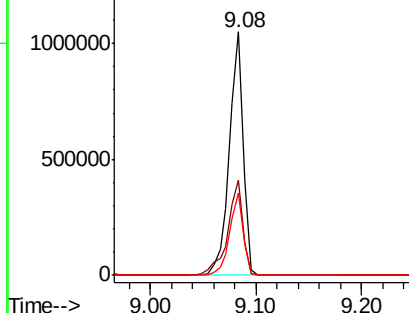
#47
 2-Chloronaphthalene
 Concen: 40.233 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	948196
Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.8	46.2
164	33.9	27.0	40.4

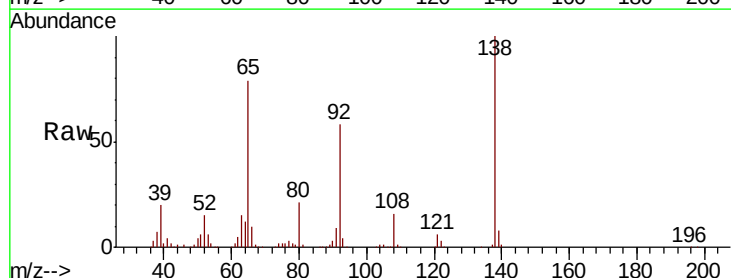


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

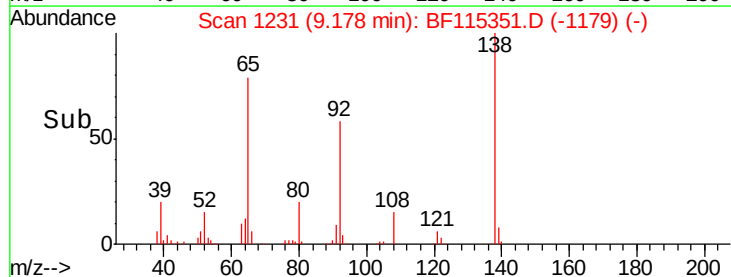
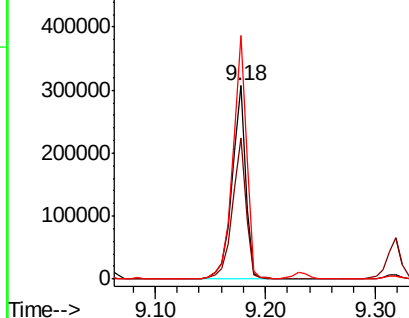


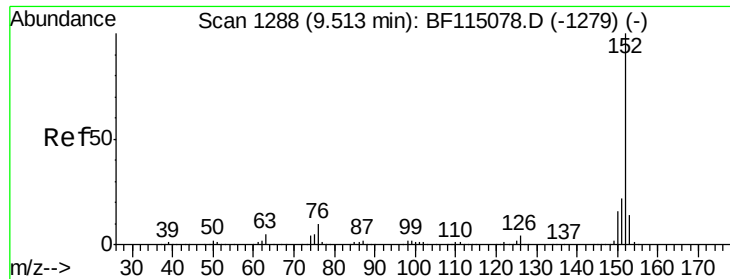
#48
 2-Nitroaniline
 Concen: 39.090 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Tgt Ion:	65	Resp:	268586
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 :

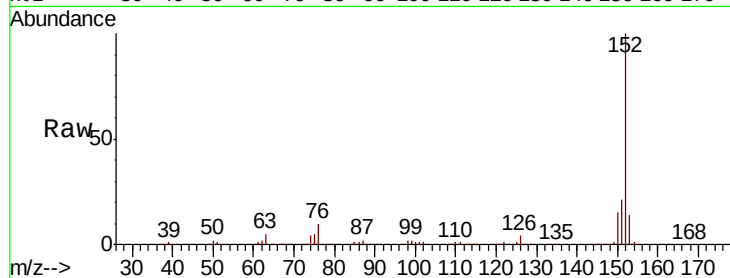
Tot Ion:152 Resp: 1483005

Ion Ratio Lower Upper

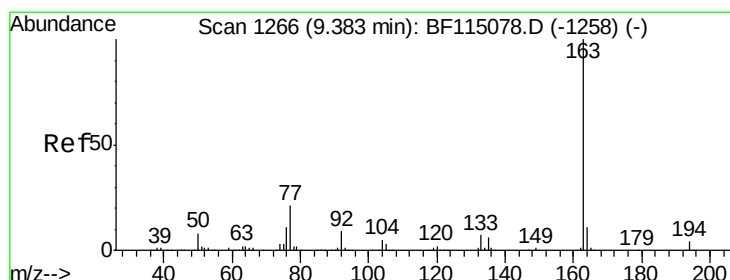
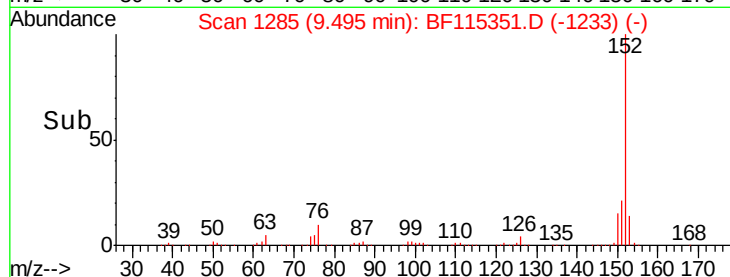
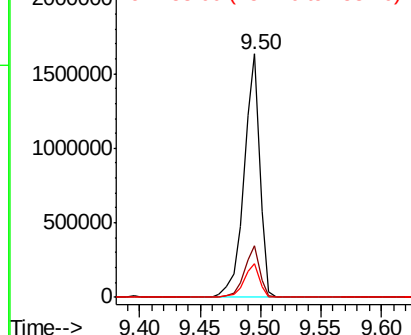
152 100

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

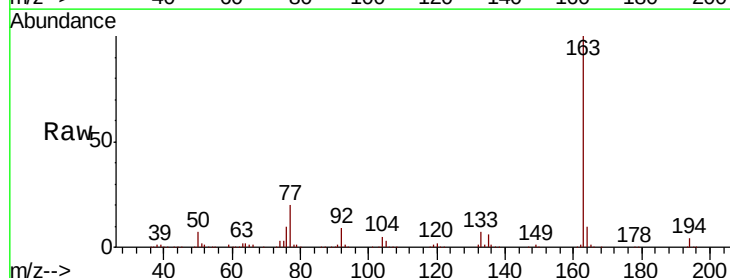
Tgt Ion:163 Resp: 1093006

Ion Ratio Lower Upper

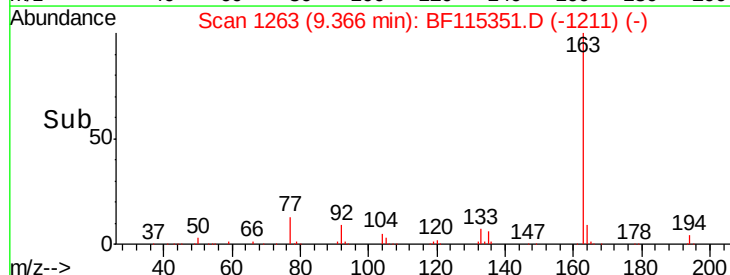
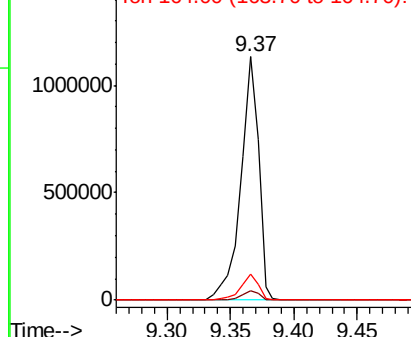
163 100

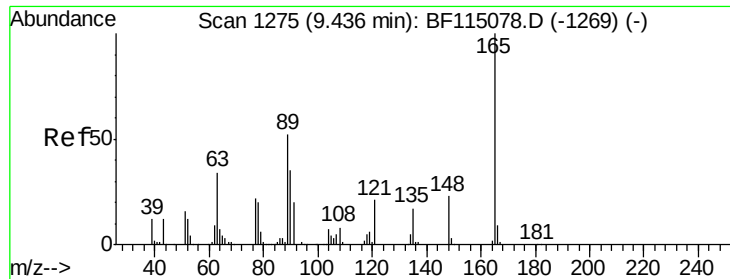
194 4.0 3.2 4.8

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

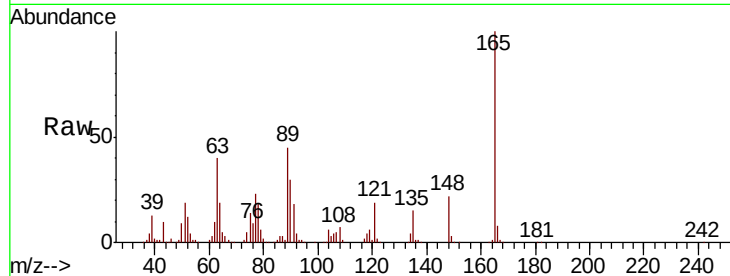




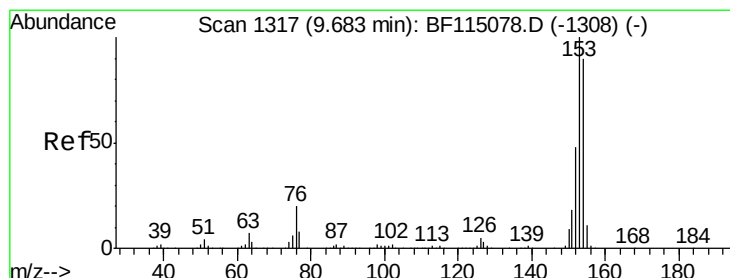
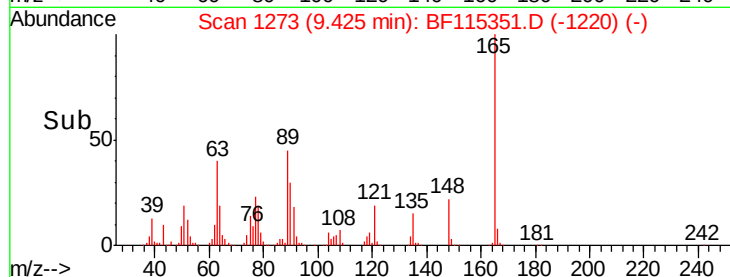
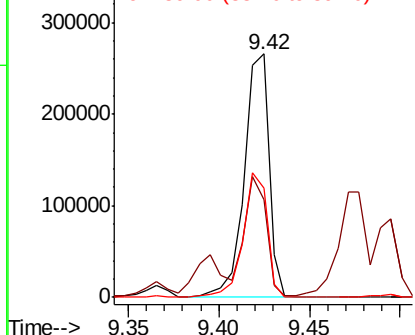
#51
2,6-Dinitrotoluene
Concen: 41.042 ng
RT: 9.42 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

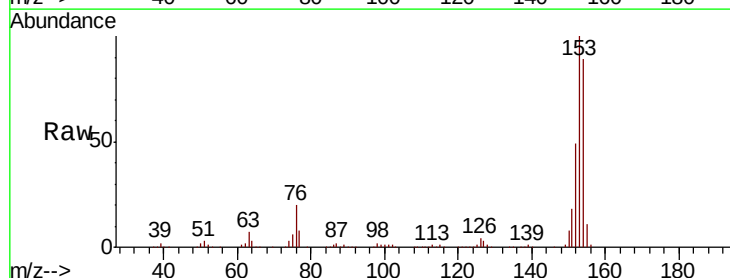


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

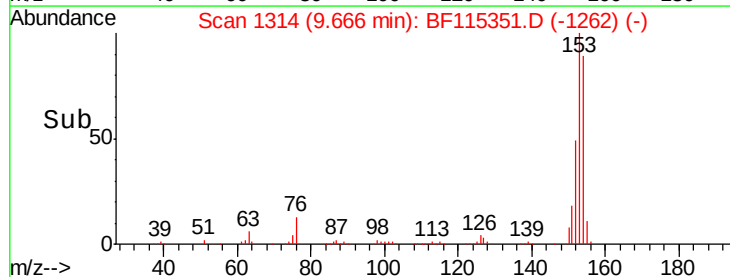
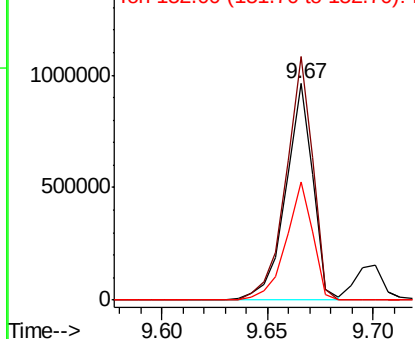


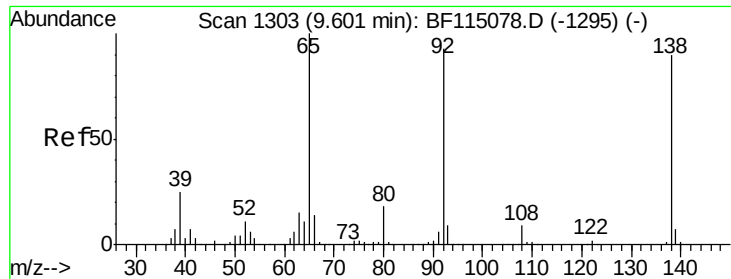
#52
Acenaphthene
Concen: 37.411 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

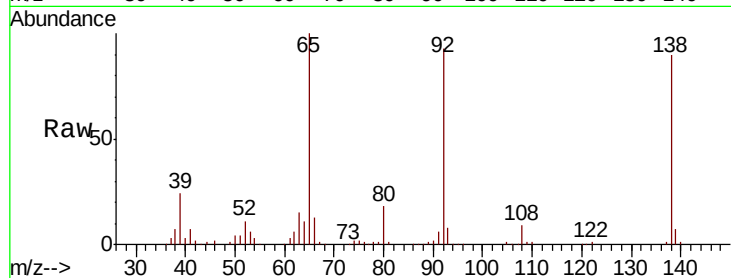




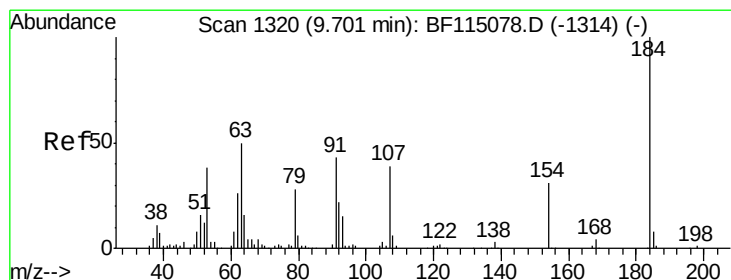
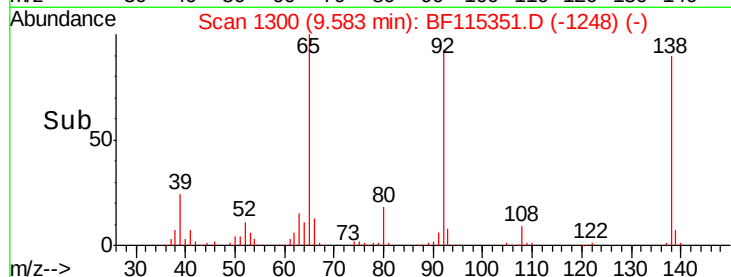
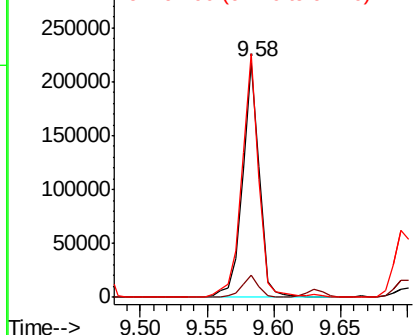
#53
 3-Nitroaniline
 Concen: 25.376 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

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

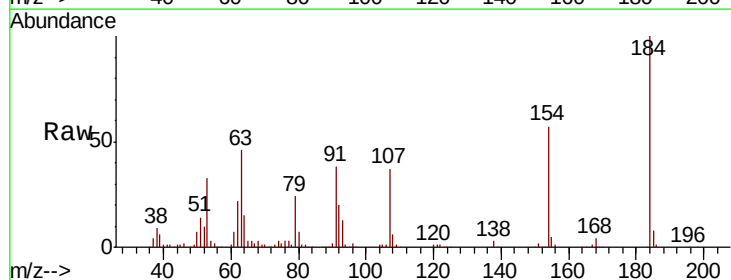


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

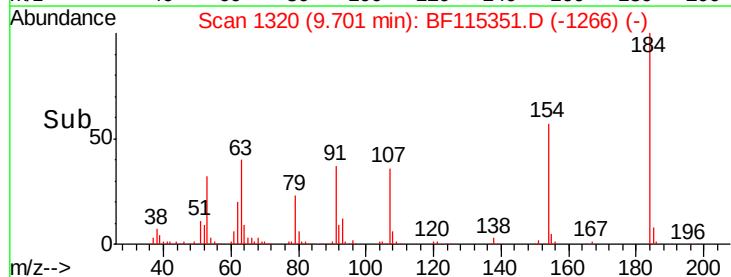
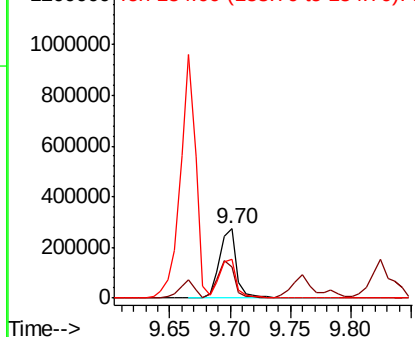


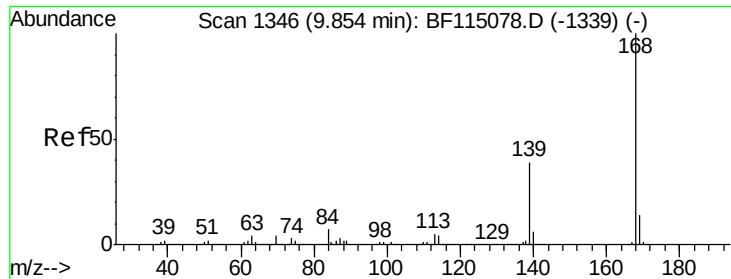
#54
 2,4-Dinitrophenol
 Concen: 83.965 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

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

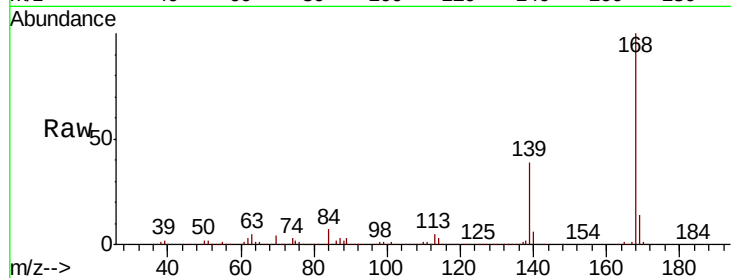




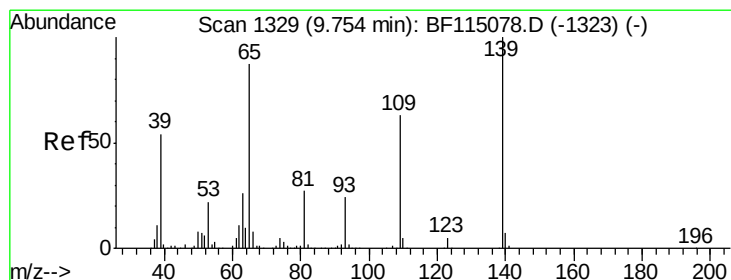
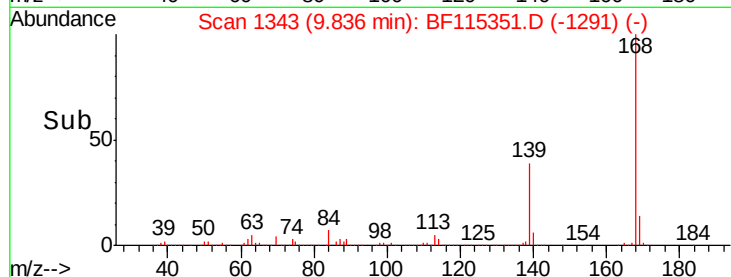
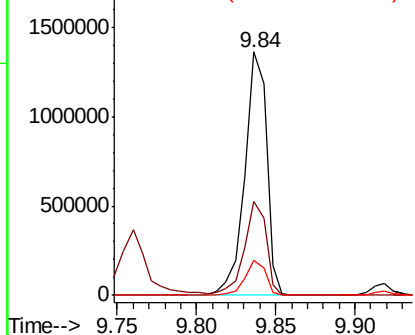
#55
Dibenzenofuran
Concen: 39.534 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

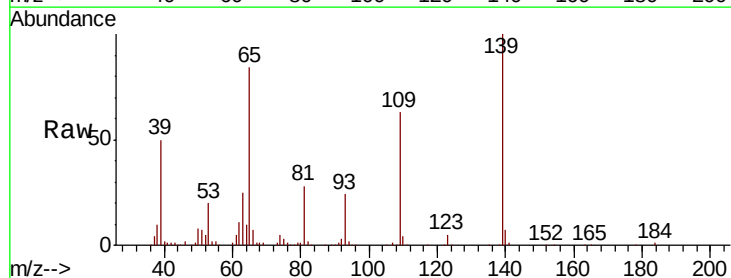


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

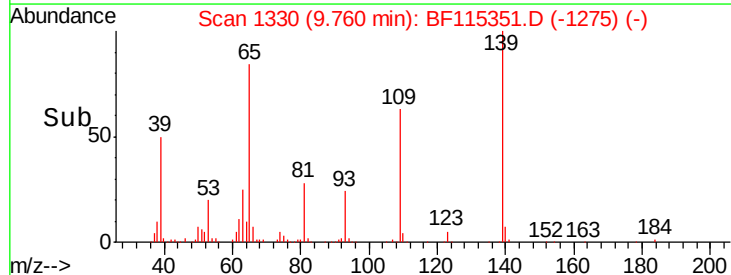
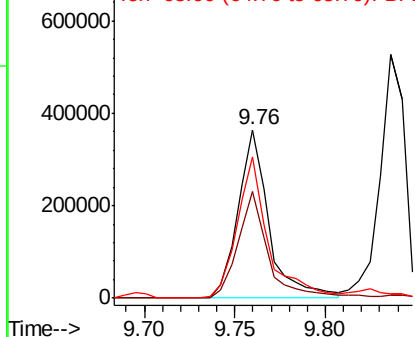


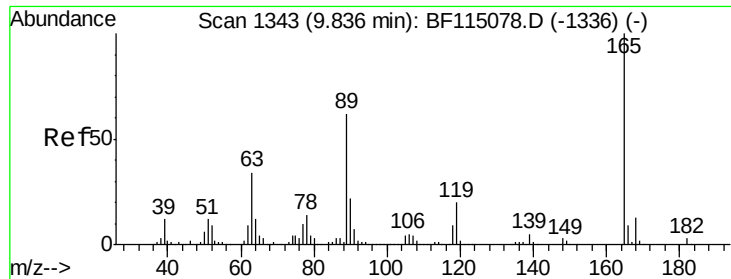
#56
4-Nitrophenol
Concen: 71.722 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

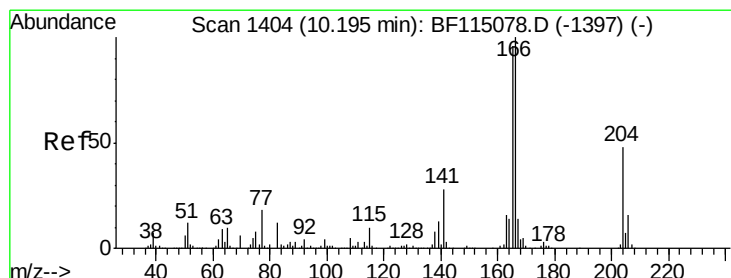
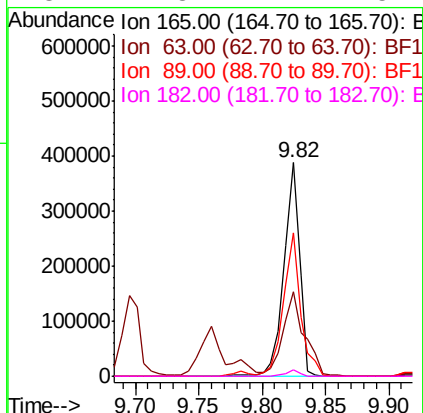
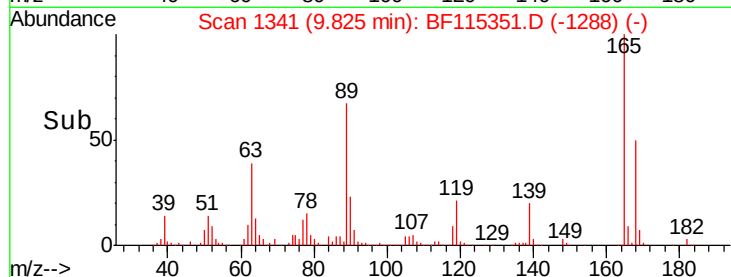
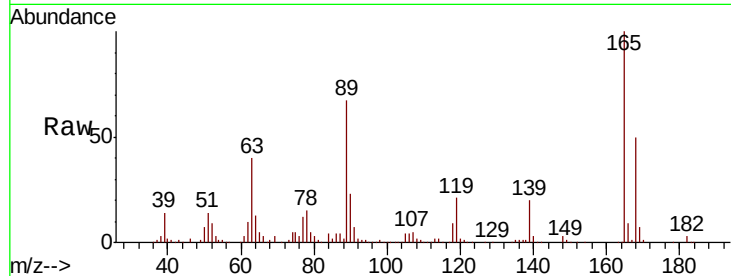




#57
2,4-Dinitrotoluene
Concen: 41.919 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

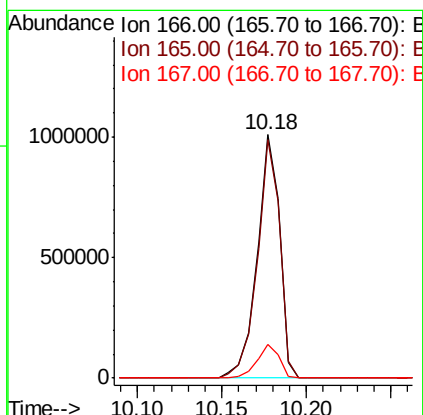
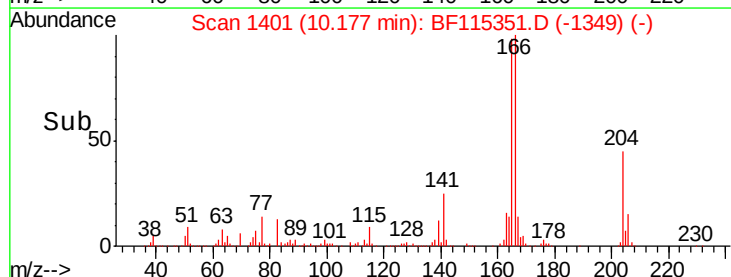
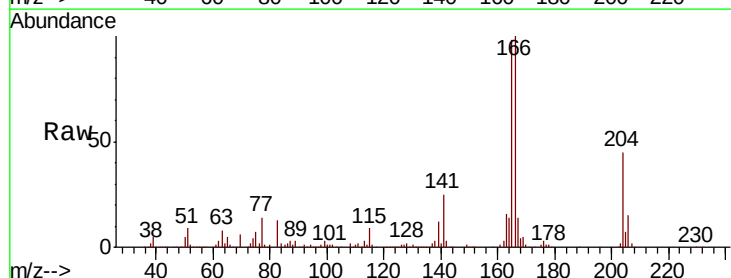
Instrument :
BNA_F
ClientSampled :

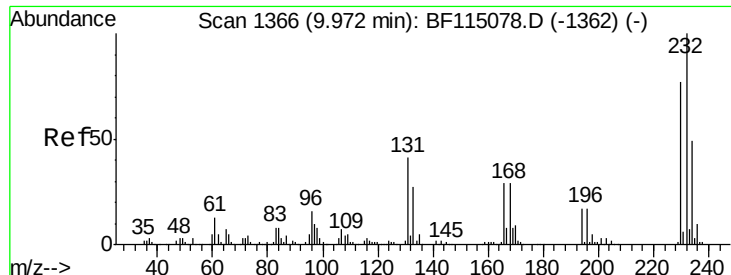
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	27.5	41.3
89	67.0	49.9	74.9
182	2.8	2.1	3.1



#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	Ratio	Lower	Upper
166	100		
165	97.7	76.5	114.7
167	13.7	11.0	16.4

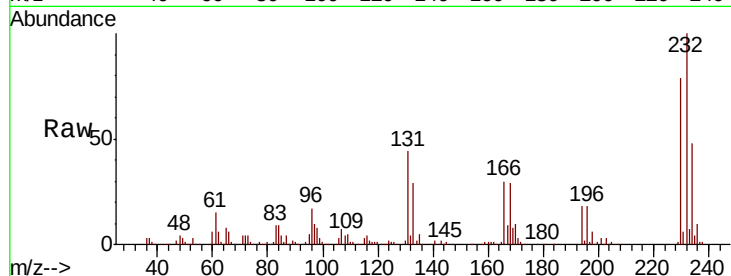




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.222 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

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



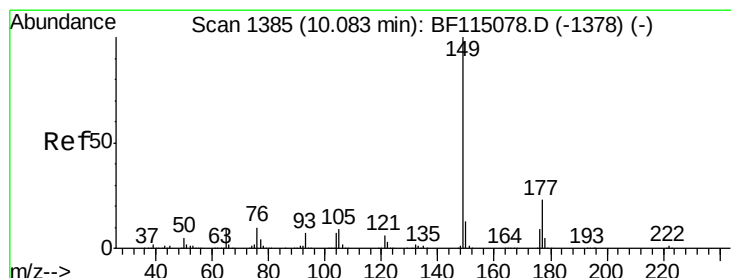
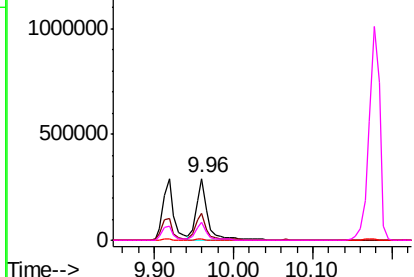
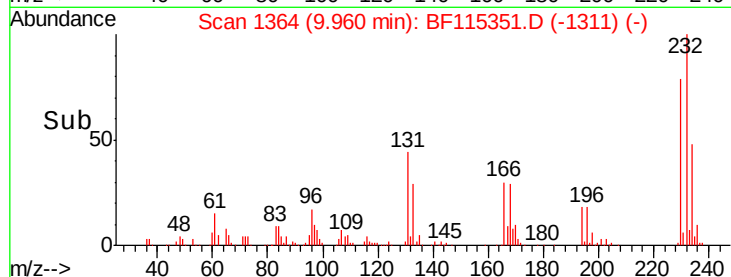
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

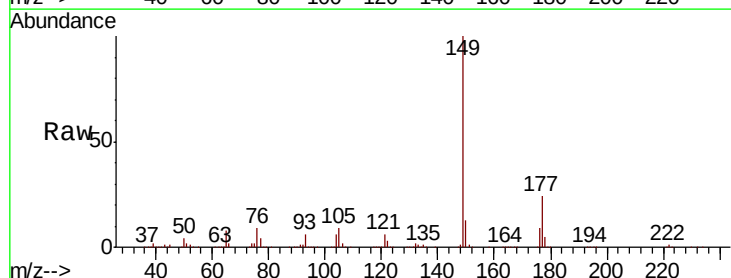
Ion 130.00 (129.70 to 130.70): E

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

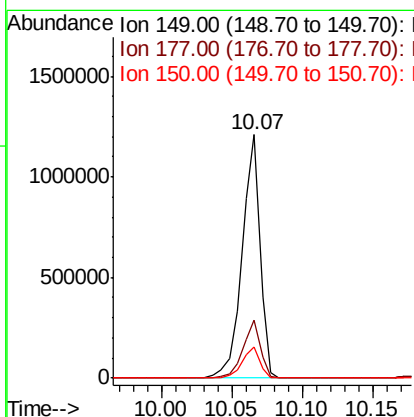
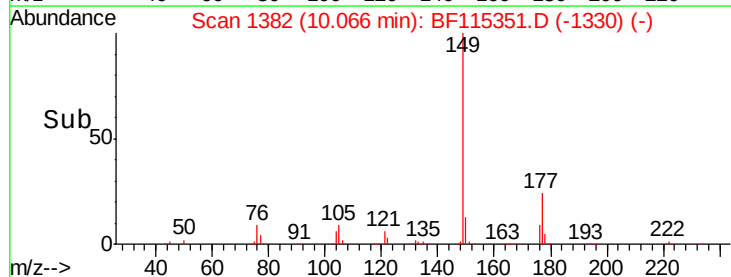


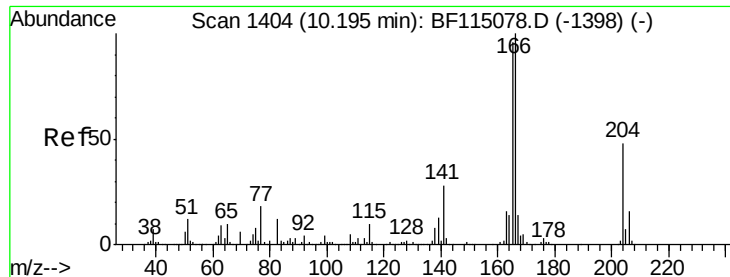
Abundance

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

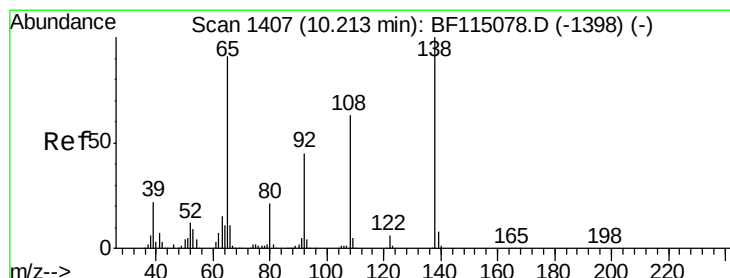
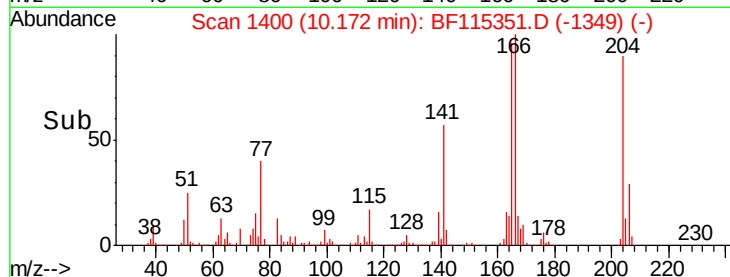
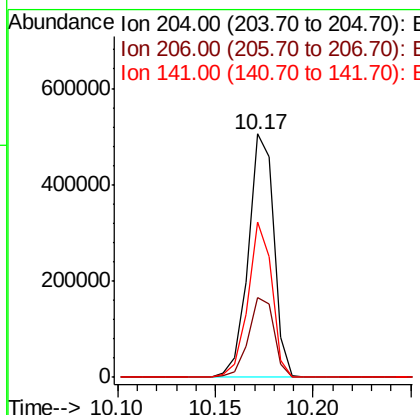
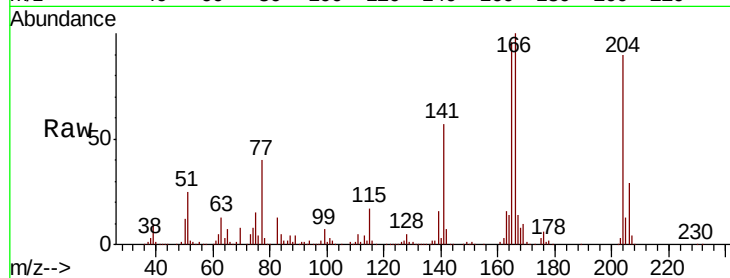




#61
4-Chlorophenyl-phenylether
Concen: 43.784 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

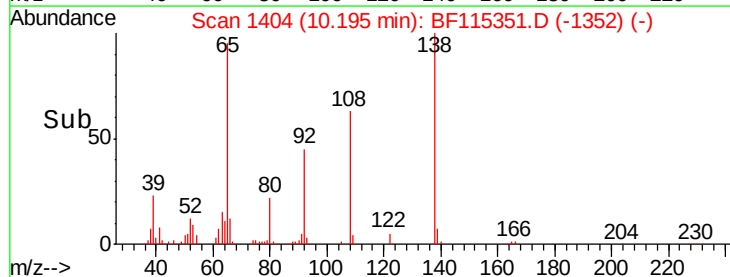
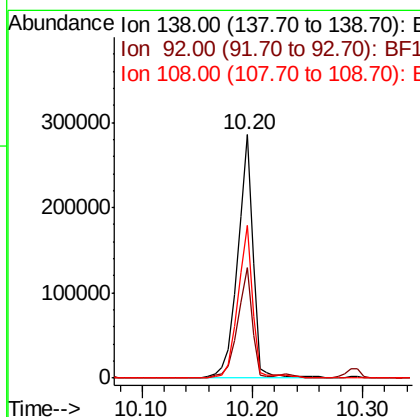
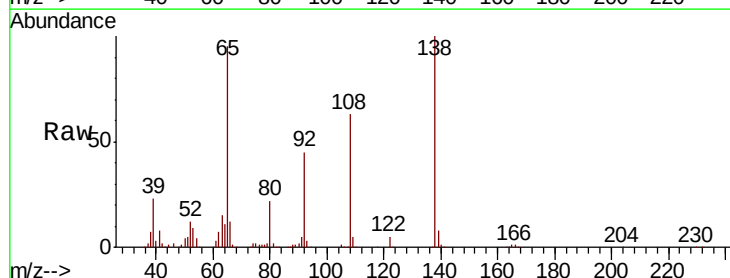
Instrument :
BNA_F
ClientSampleId :

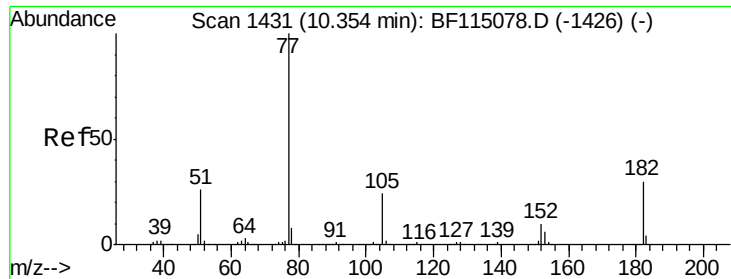
Tot Ion:204 Resp: 458764
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.8 46.7 70.1



#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





#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 :

Tot Ion: 77 Resp: 970298

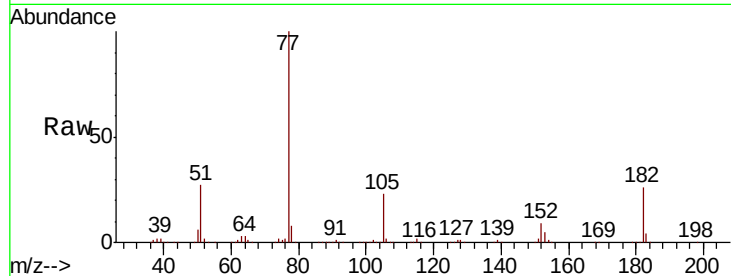
Ion Ratio Lower Upper

77 100

182 26.3 10.1 50.1

105 23.1 4.5 44.5

51 26.9 6.4 46.4

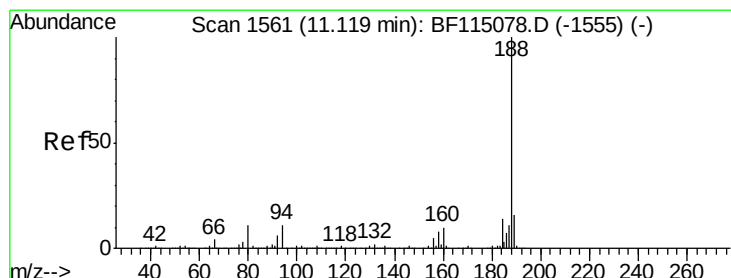
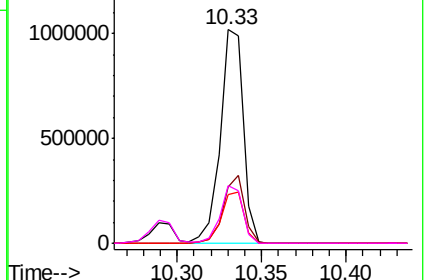
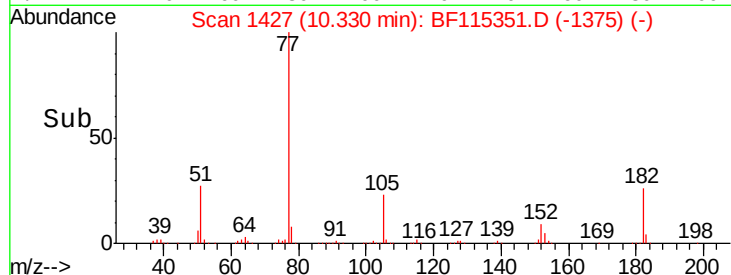


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

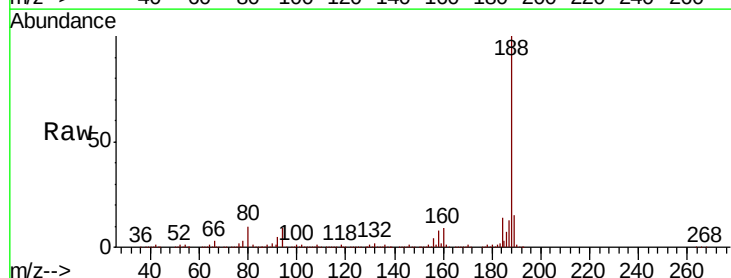
Tgt Ion: 188 Resp: 722914

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

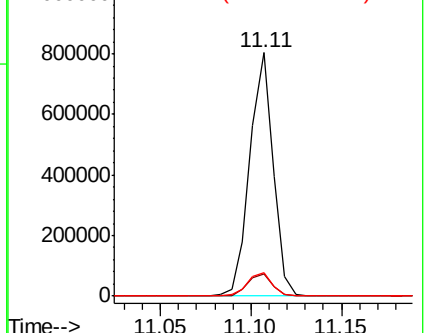
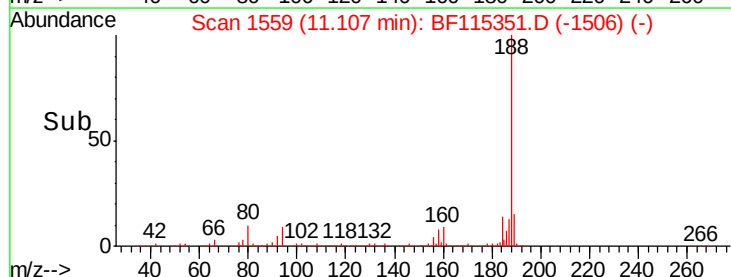
80 9.7 8.8 13.2

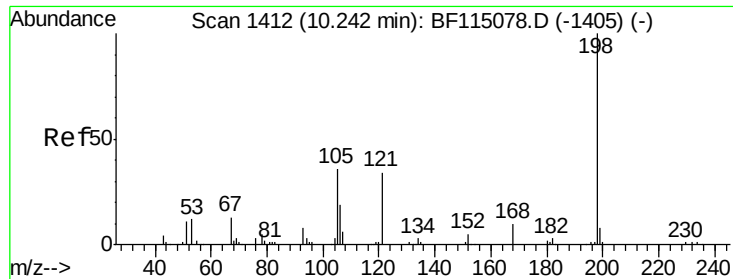


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

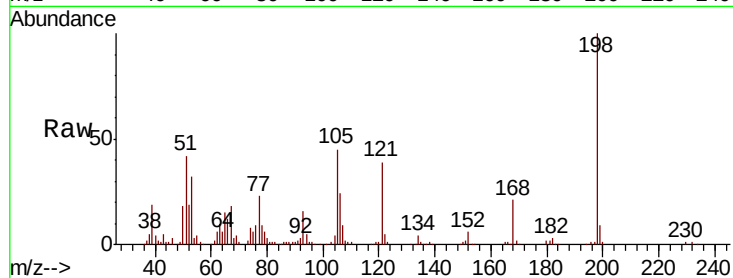




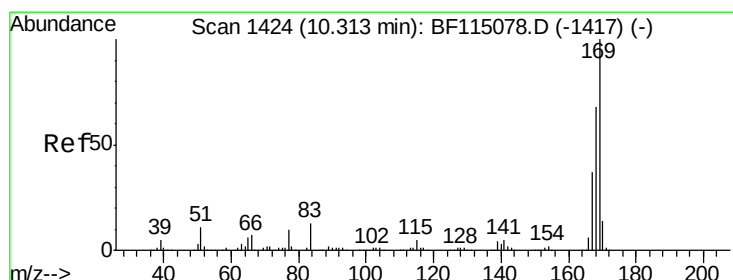
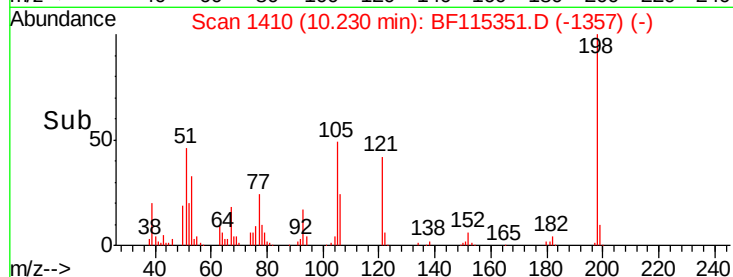
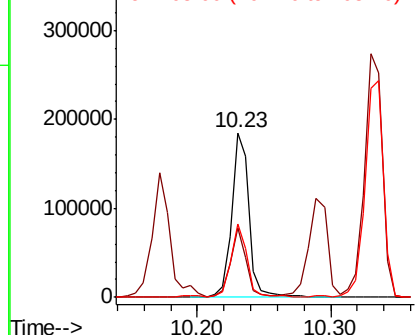
#65
4,6-Dinitro-2-methylphenol
Concen: 44.443 ng
RT: 10.23 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

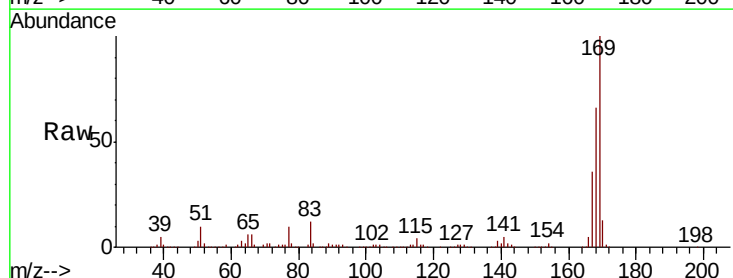


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

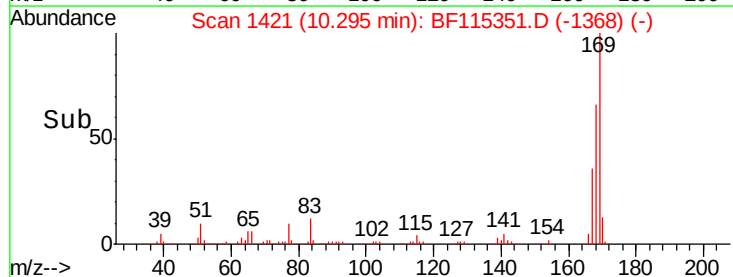
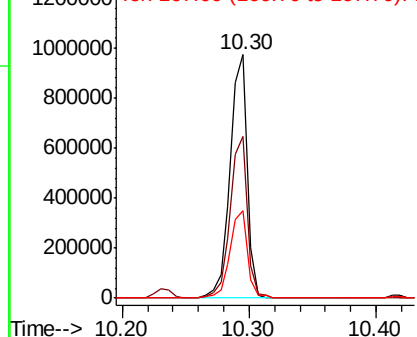


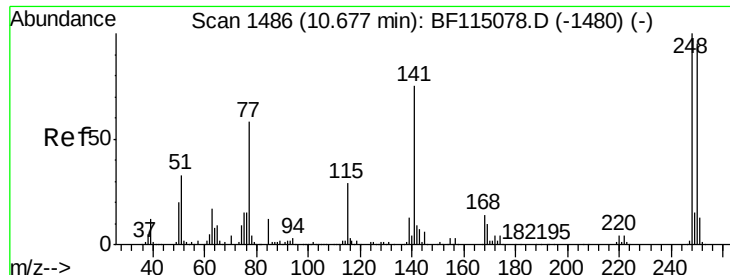
#66
n-Nitrosodiphenylamine
Concen: 40.068 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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

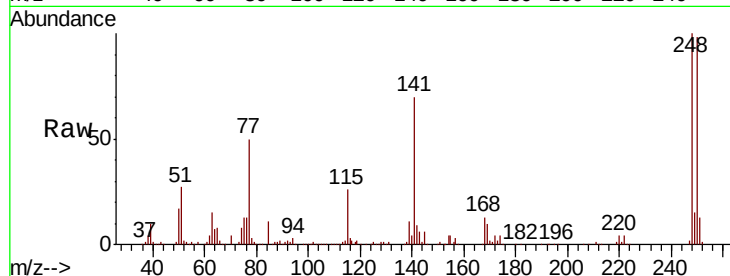




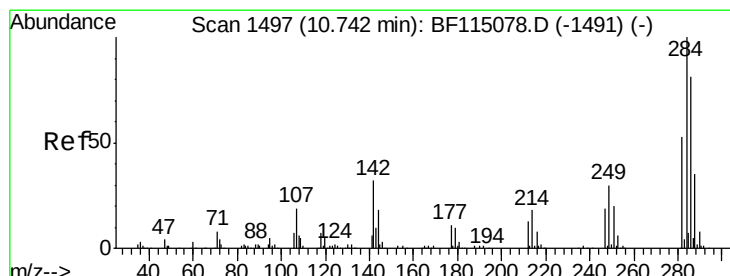
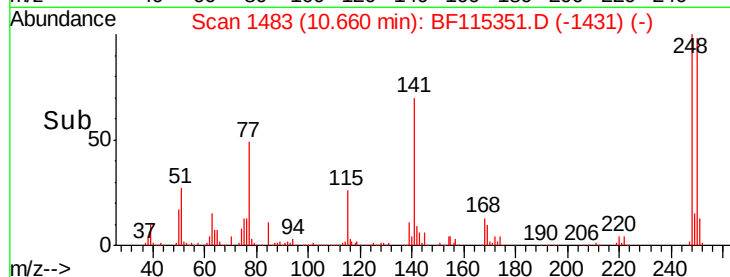
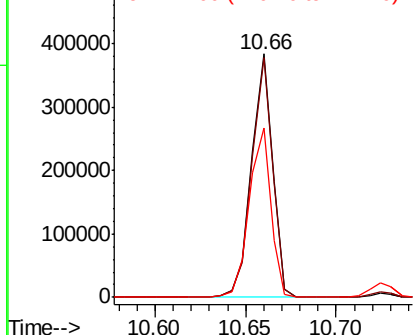
#67
4-Bromophenyl-phenylether
Concen: 39.783 ng
RT: 10.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampled :

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

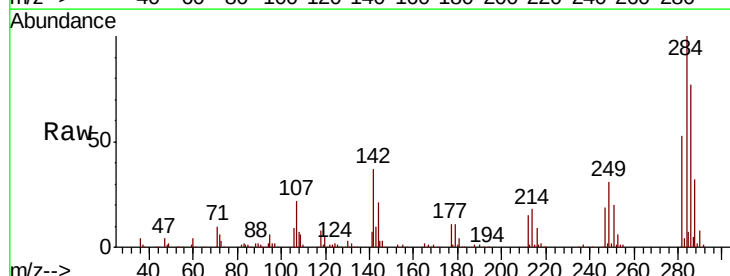


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

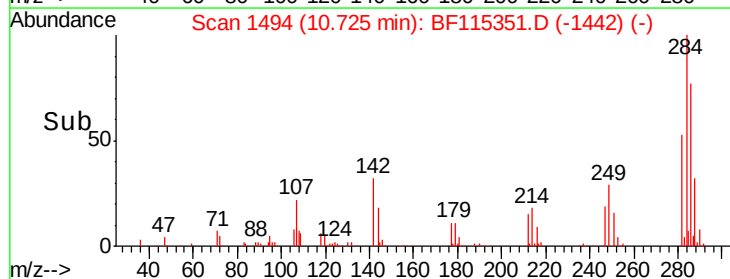
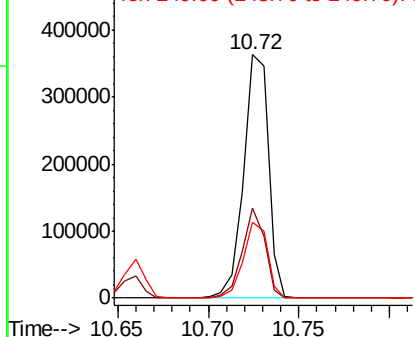


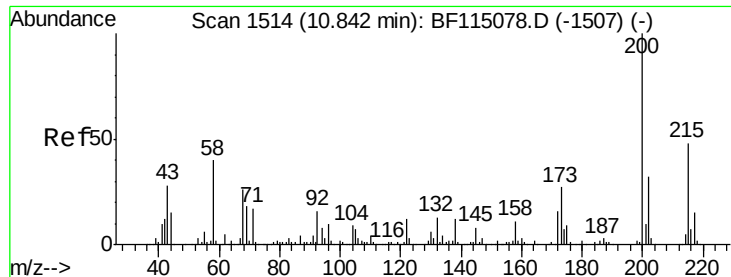
#68
Hexachlorobenzene
Concen: 40.810 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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



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

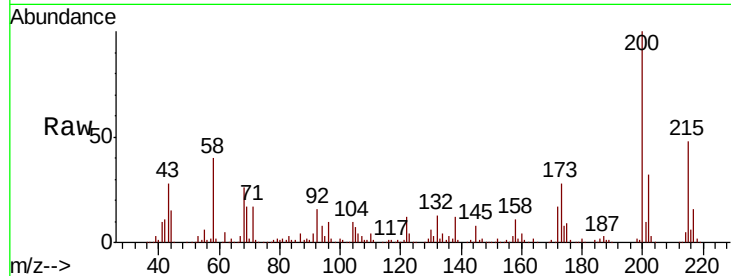




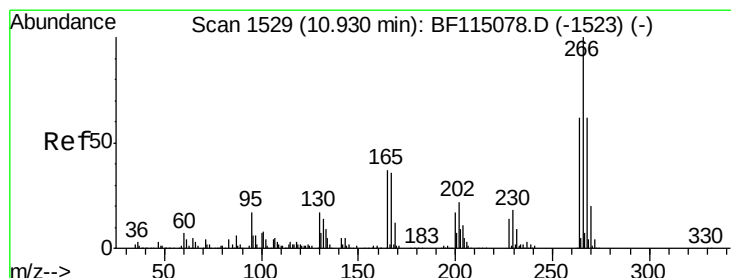
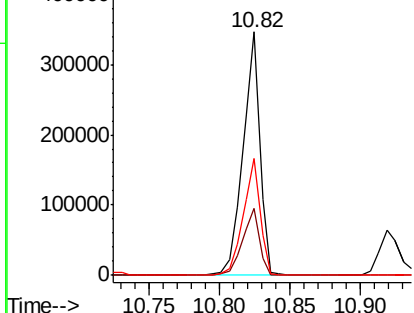
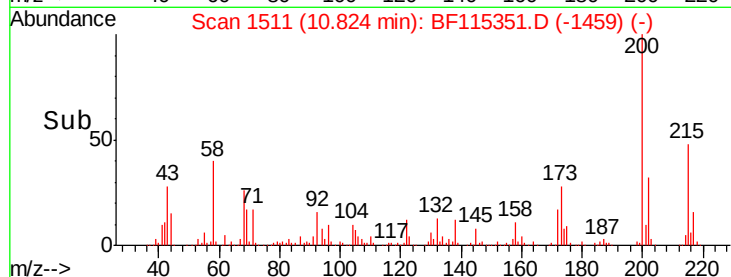
#69
 Atrazine
 Concen: 39.967 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

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

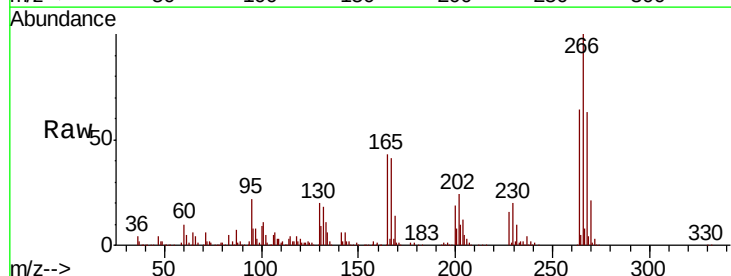


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

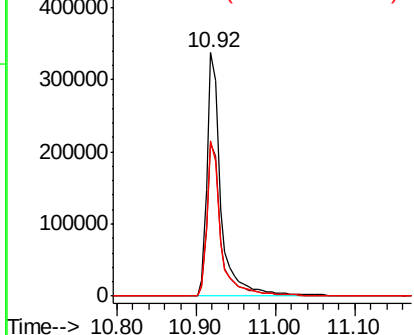
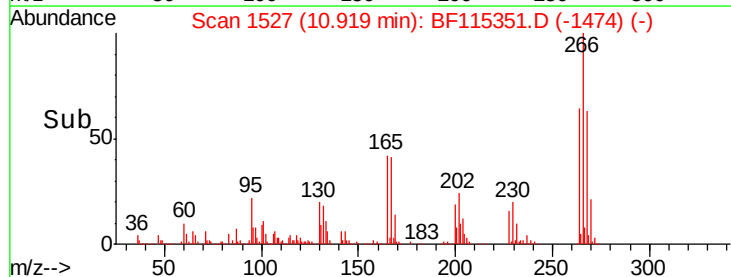


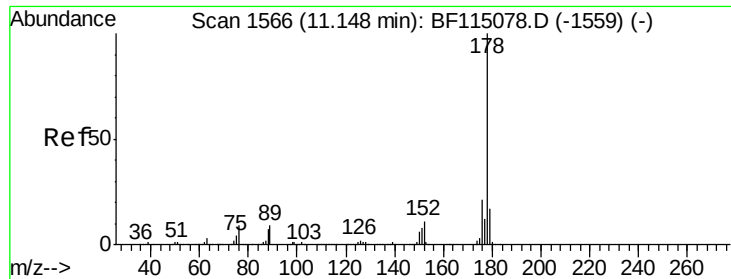
#70
 Pentachlorophenol
 Concen: 76.478 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

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

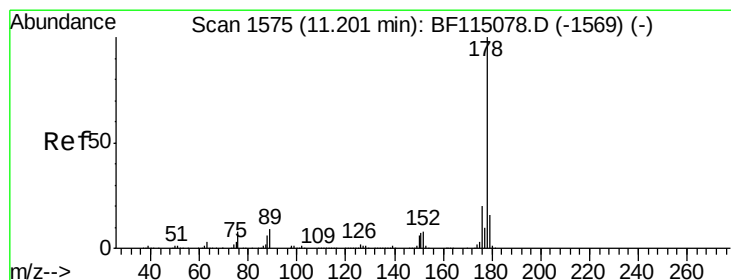
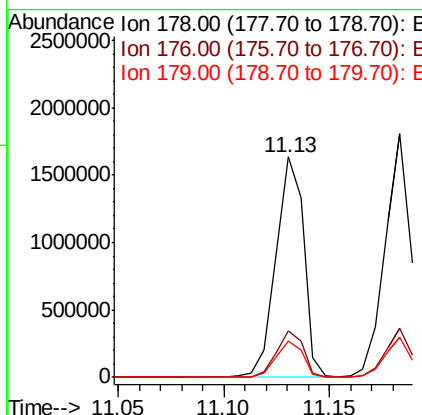
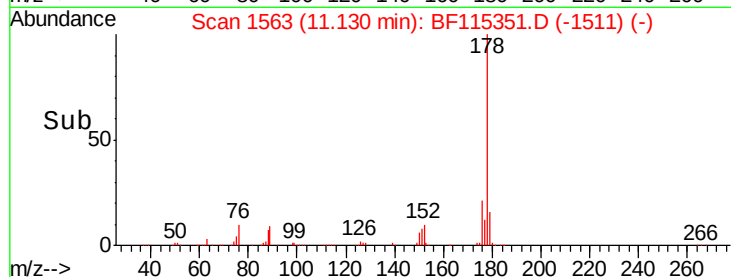
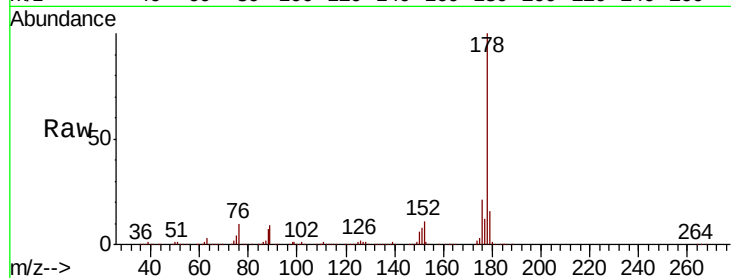




#71
Phenanthrene
Concen: 38.600 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

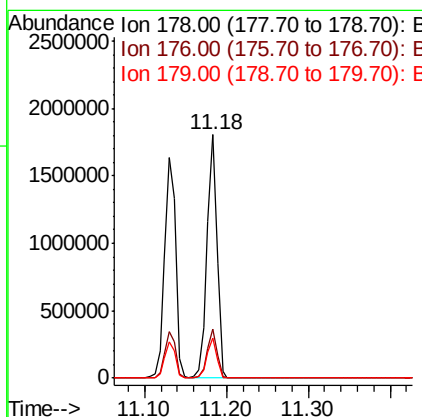
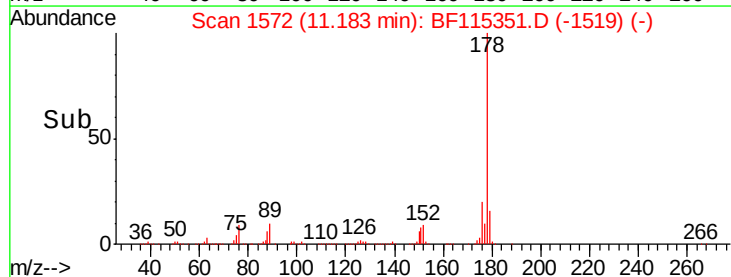
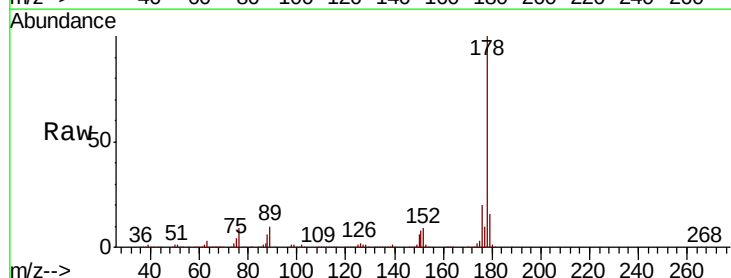
Instrument :
BNA_F
ClientSampled :

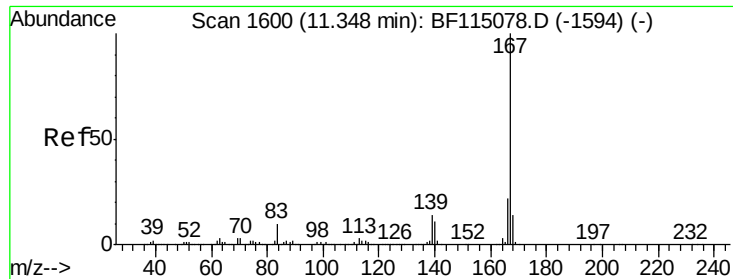
Tot Ion:178 Resp: 1502430
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.3 13.2 19.8



#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

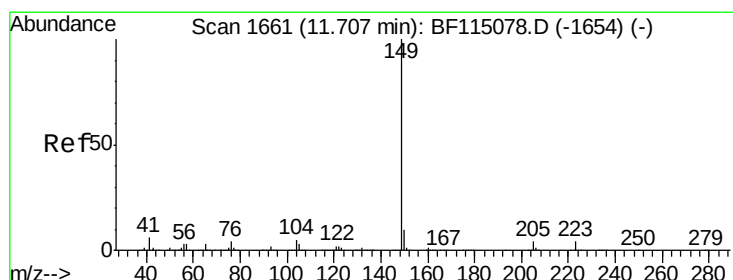
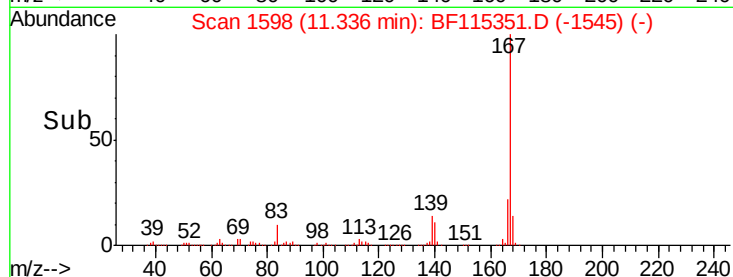
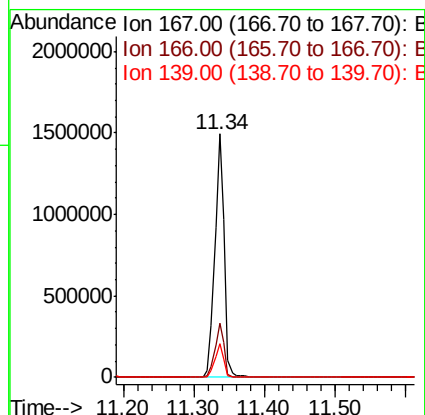
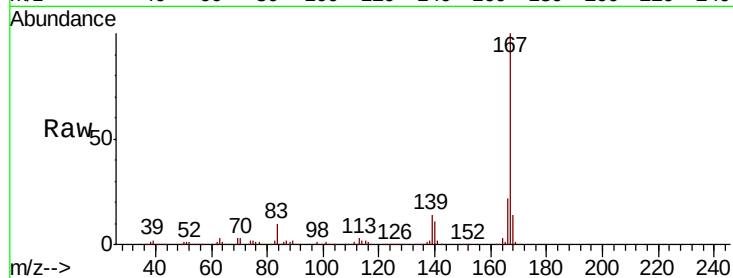




#73
 Carbazole
 Concen: 39.632 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

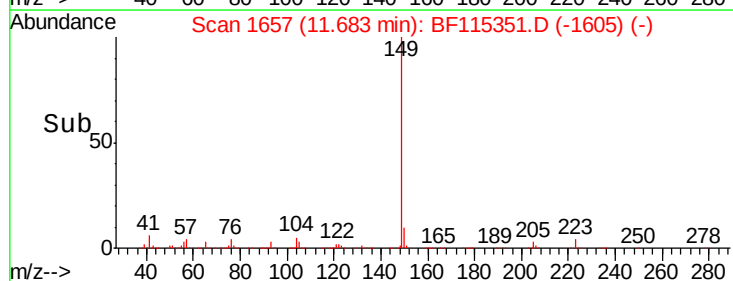
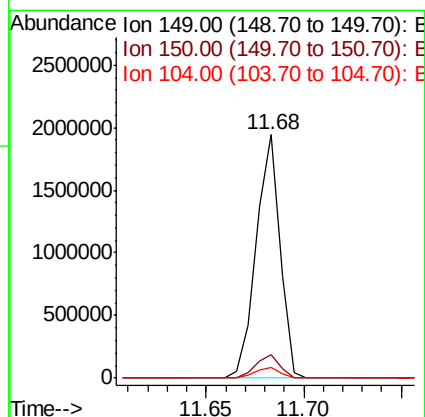
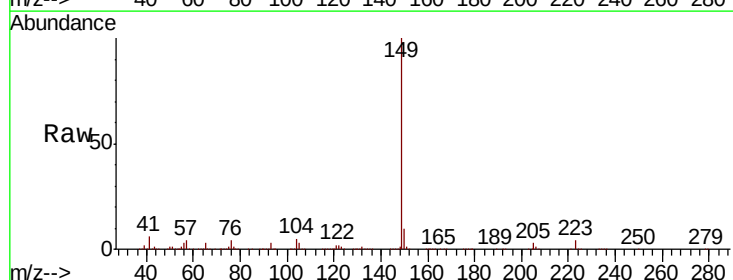
Instrument :
 BNA_F
 ClientSampleId :

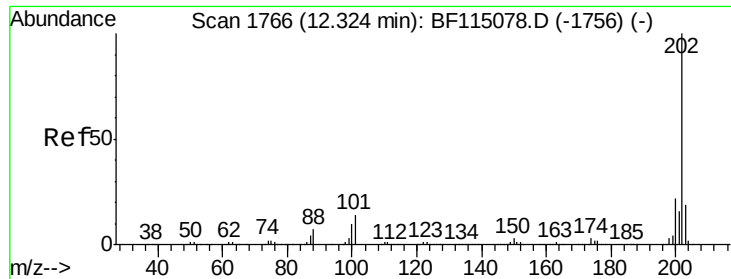
Tot Ion:167 Resp: 1390454
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.8 11.1 16.7



#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

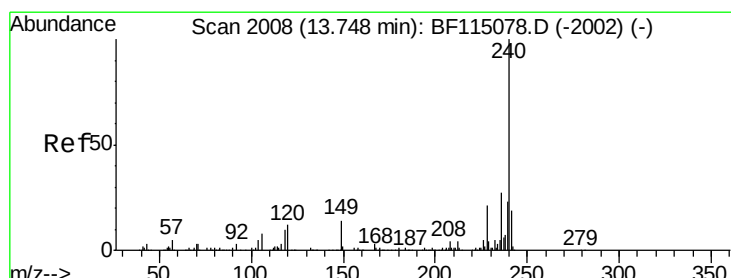
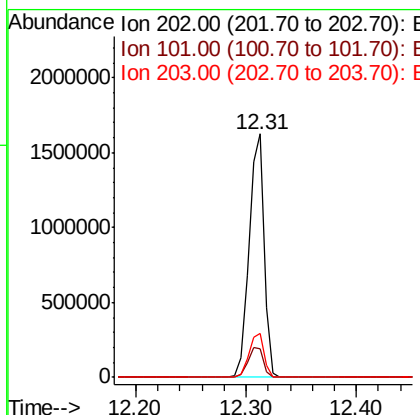
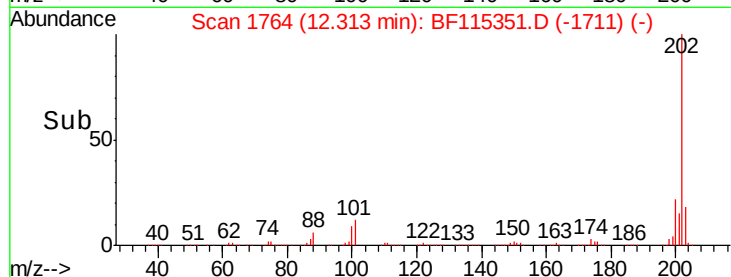
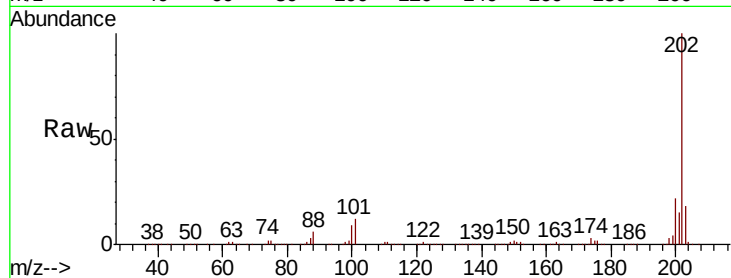




#75
Fluoranthene
Concen: 40.067 ng
RT: 12.31 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

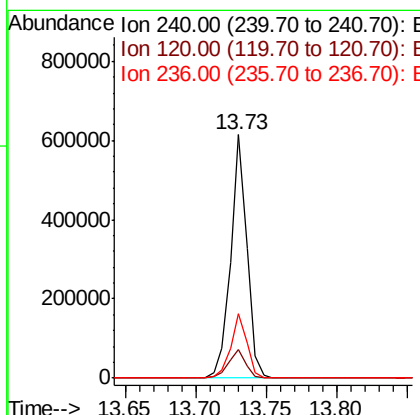
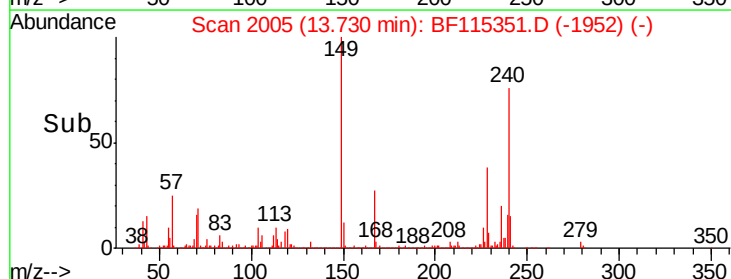
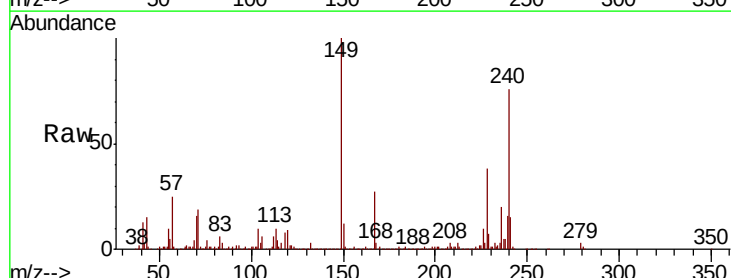
Instrument :
BNA_F
ClientSampleId :

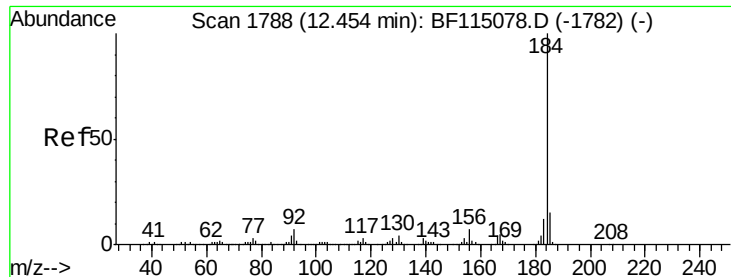
Tot Ion:202 Resp: 1555998
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.0
203 18.3 0.0 38.8



#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

ClientSampled :

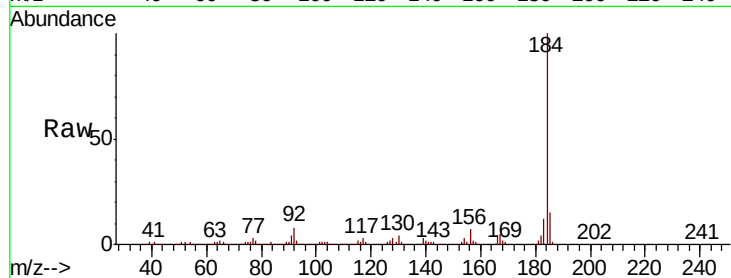
Tot Ion:184 Resp: 726803

Ion Ratio Lower Upper

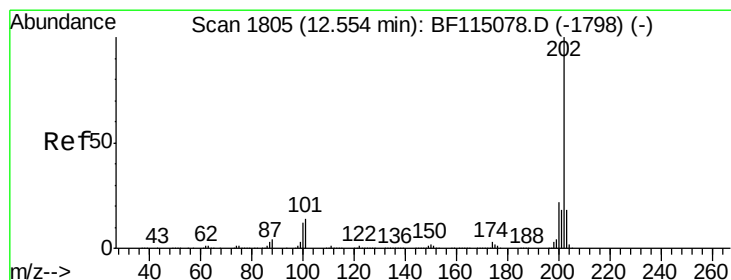
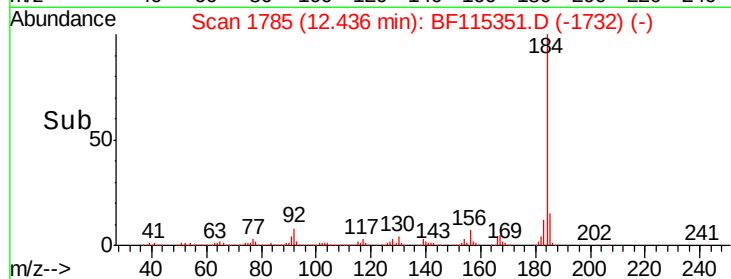
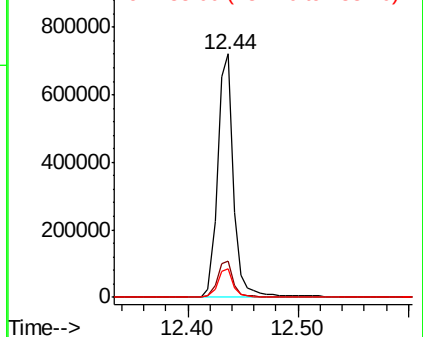
184 100

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

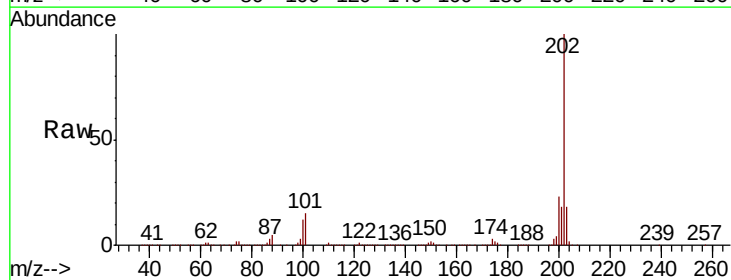
Tgt Ion:202 Resp: 1572590

Ion Ratio Lower Upper

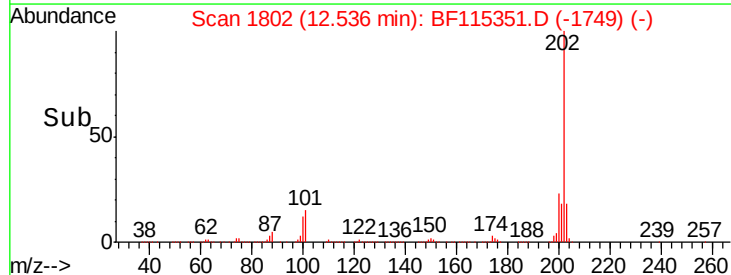
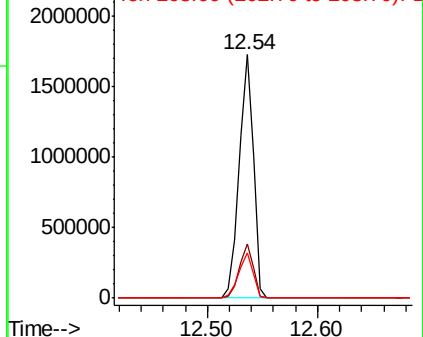
202 100

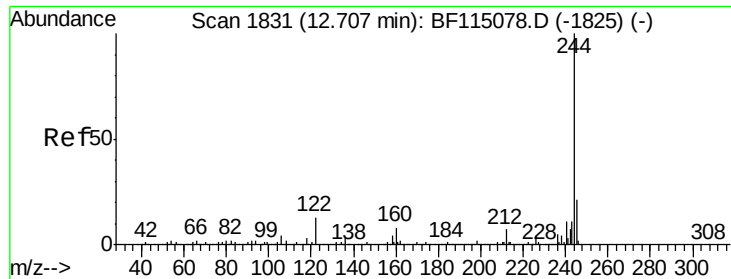
200 22.5 17.9 26.9

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

ClientSampled :

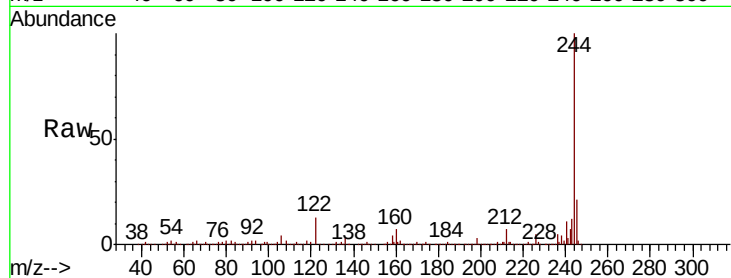
Tot Ion:244 Resp: 2099624

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

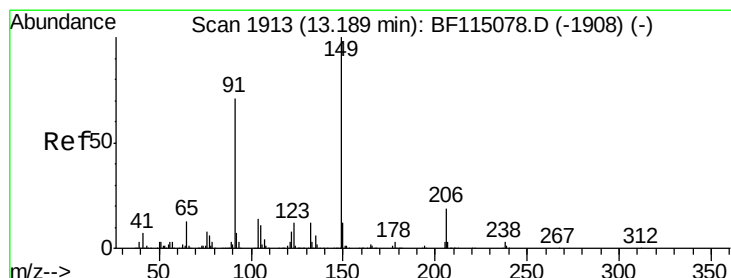
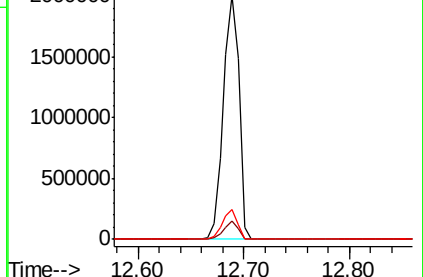
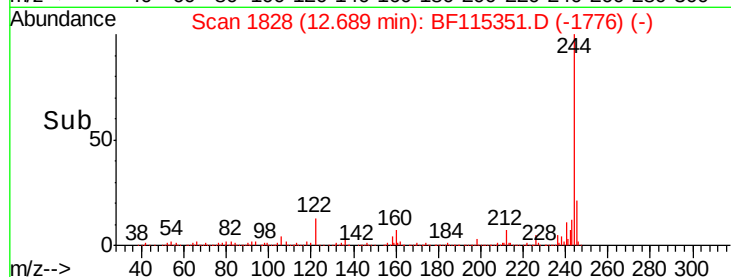
122 12.5 10.4 15.6



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

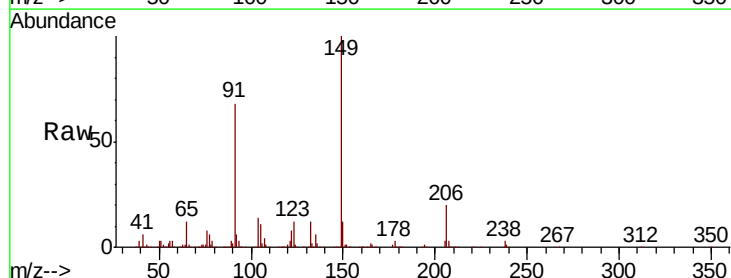
Tgt Ion:149 Resp: 732176

Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

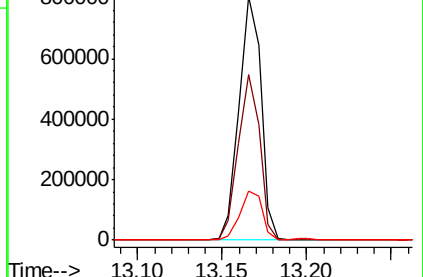
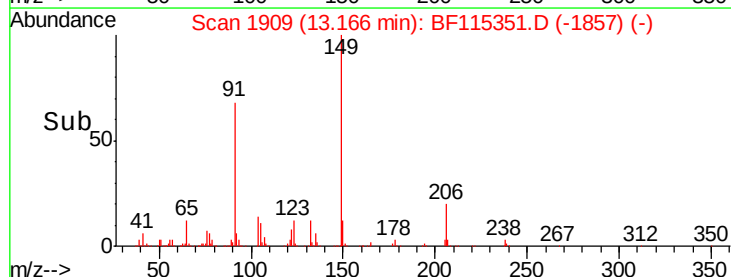
206 20.4 15.3 22.9

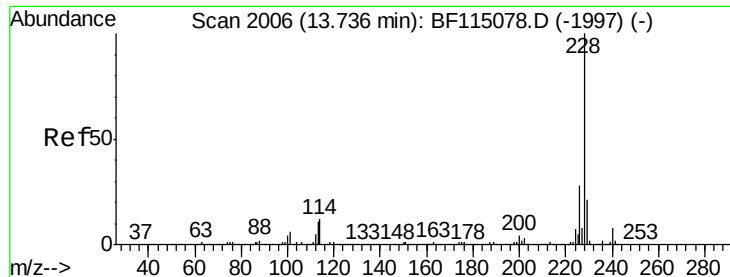


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

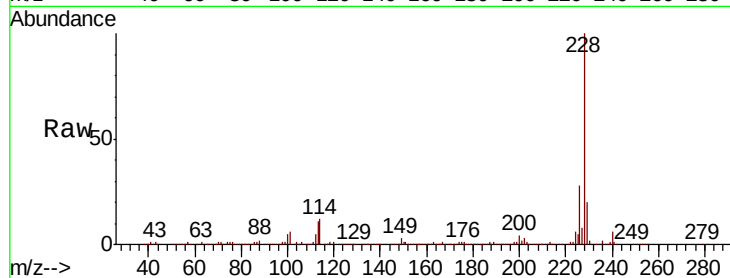




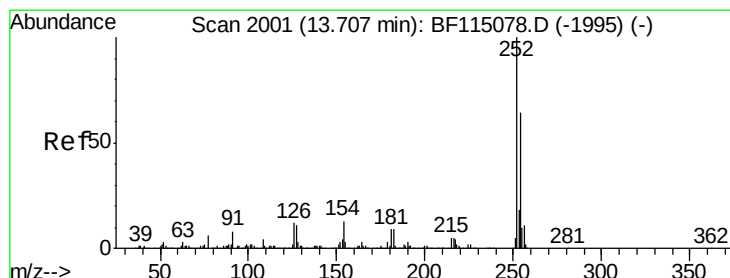
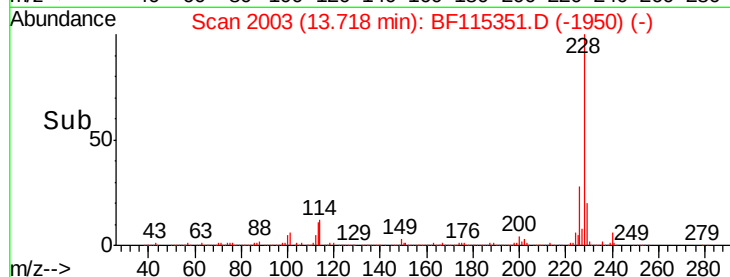
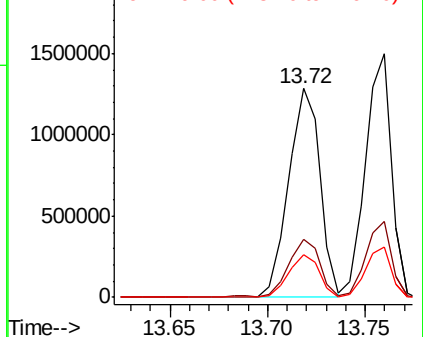
#81
Benzo(a)anthracene
Concen: 40.405 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

Instrument :
BNA_F
ClientSampleId :

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

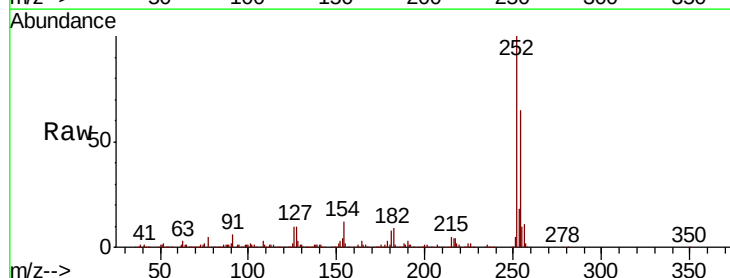


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

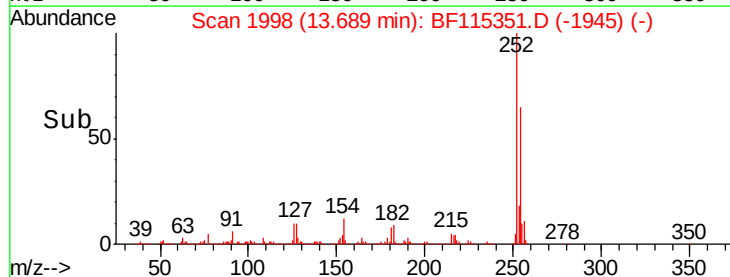
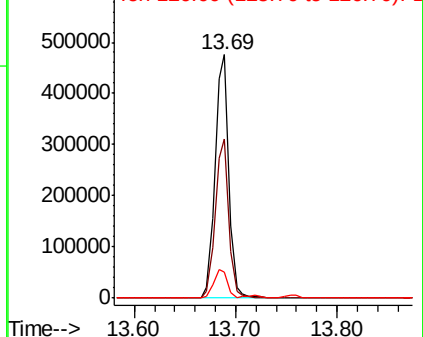


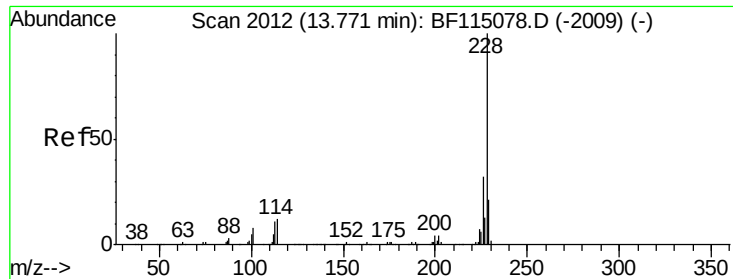
#82
3,3'-Dichlorobenzidine
Concen: 35.212 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF115351.D
Acq: 2 Jul 2019 9:23

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
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

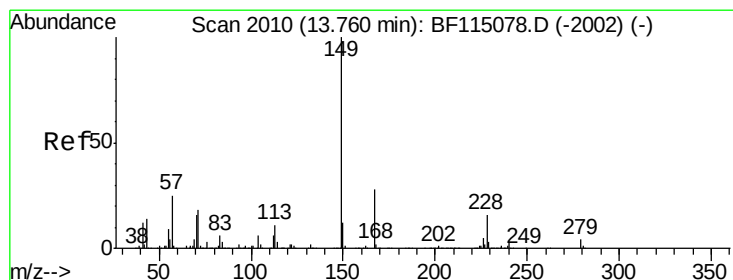
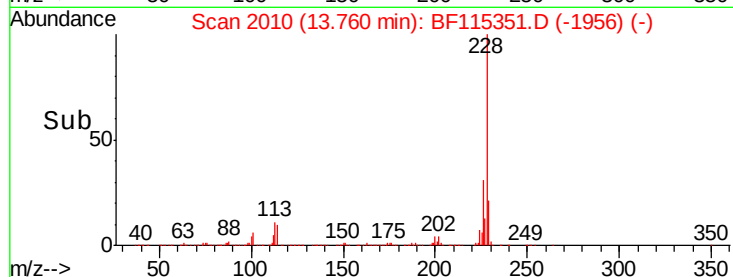
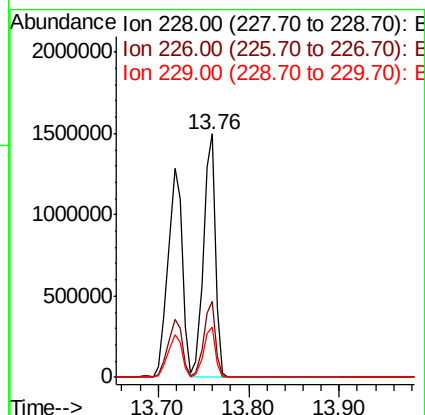
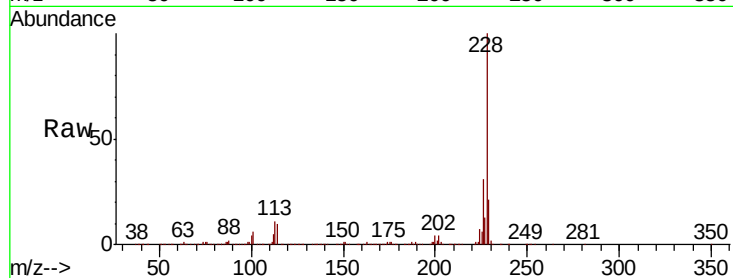




#83
 Chrysene
 Concen: 42.822 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

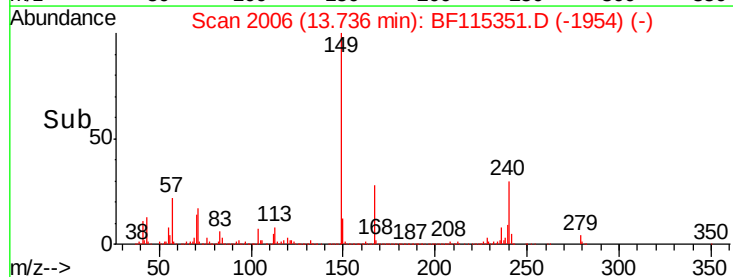
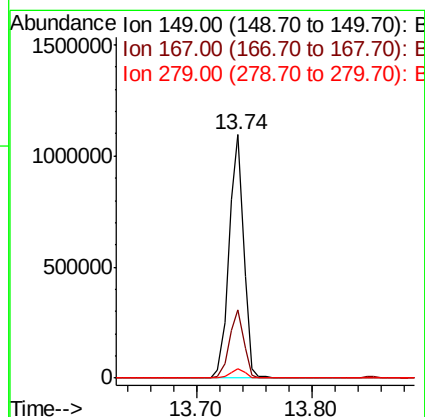
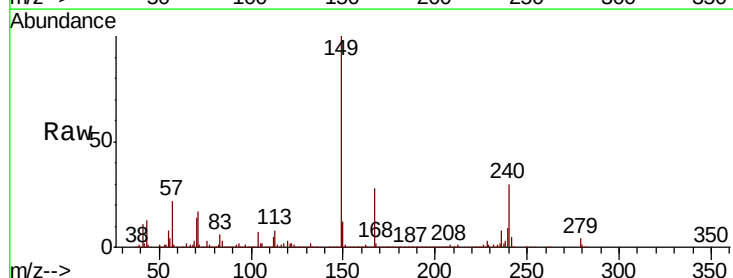
Instrument :
 BNA_F
 ClientSampleId :

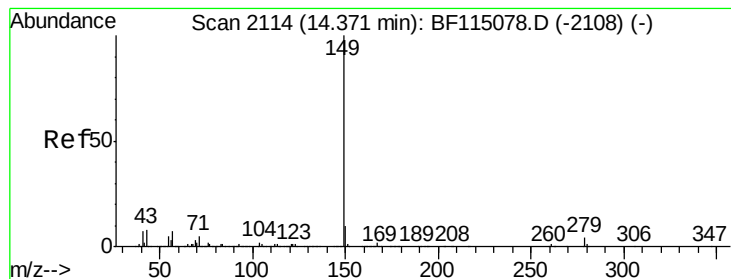
Tot Ion:228 Resp: 1386336
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.5 16.5 24.7



#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





#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 :

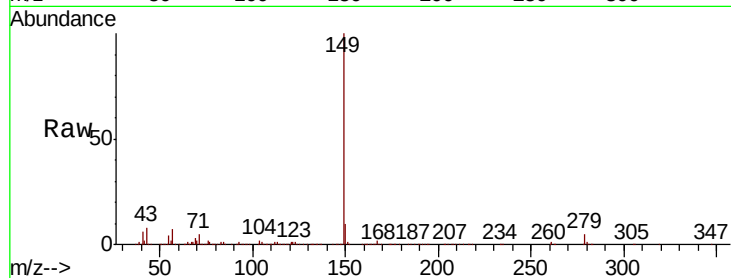
Tot Ion:149 Resp: 1686232

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

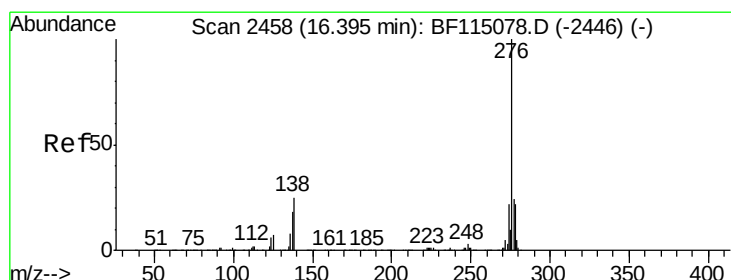
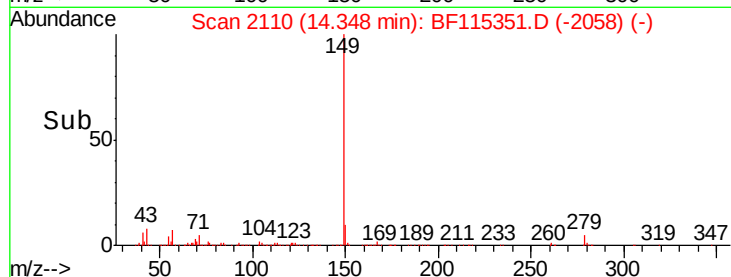
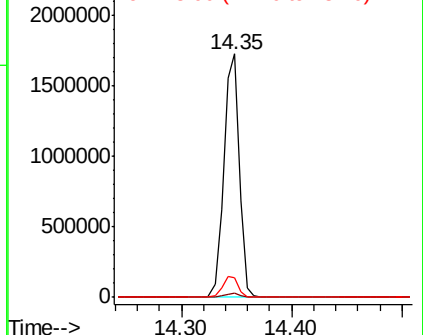
43 8.4 7.0 10.6



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

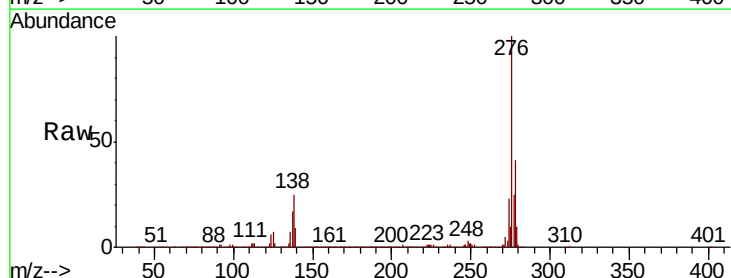
Tgt Ion:276 Resp: 1600736

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

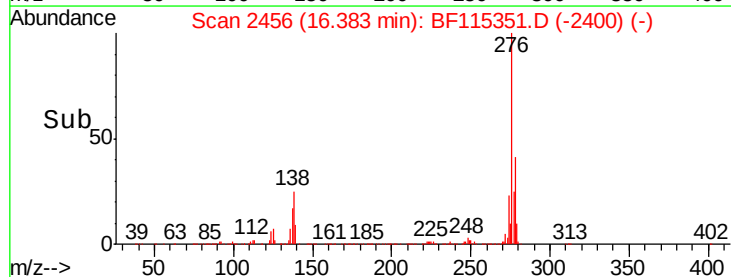
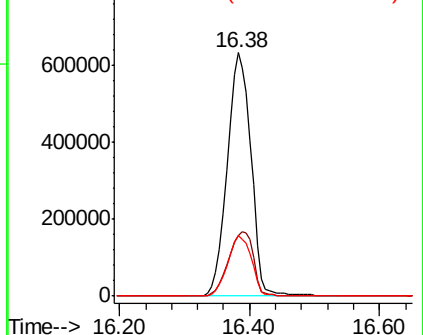
277 25.3 20.1 30.1

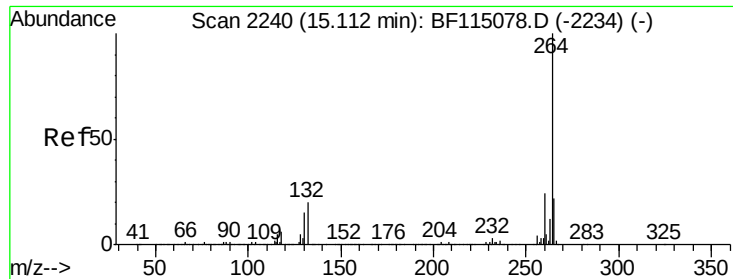


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

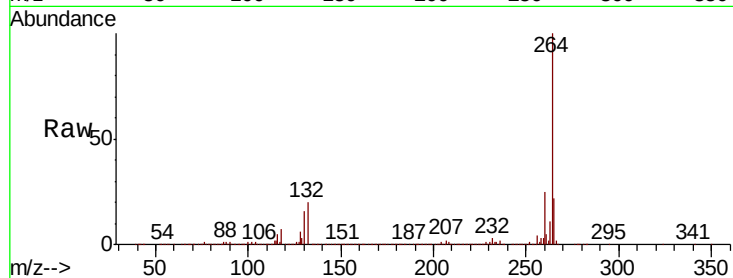
Tot Ion:264 Resp: 599281

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

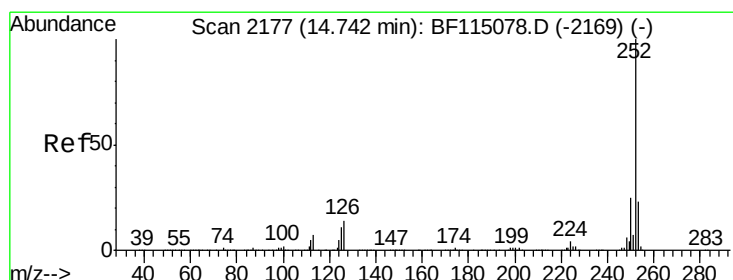
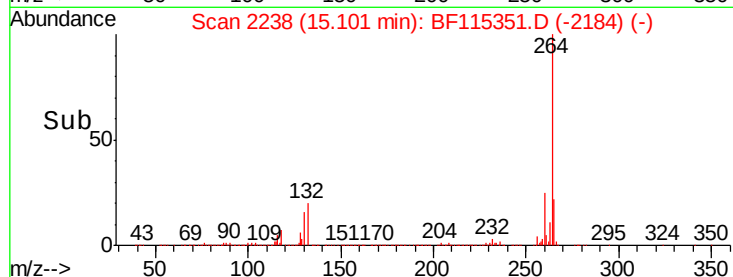
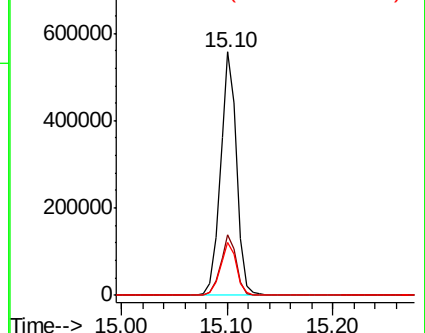
265 21.8 17.3 25.9



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

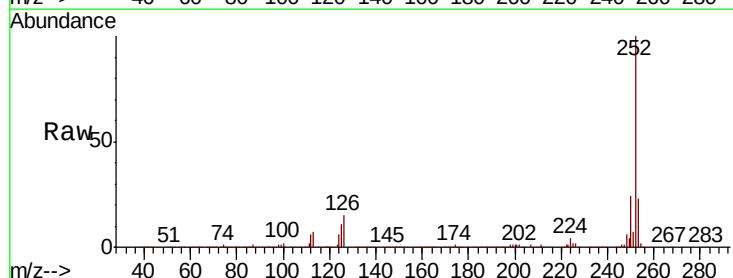
Tgt Ion:252 Resp: 1493507

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

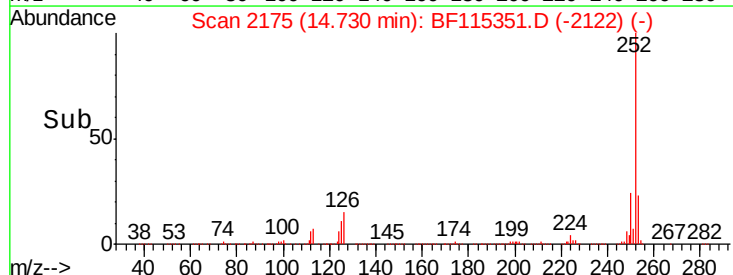
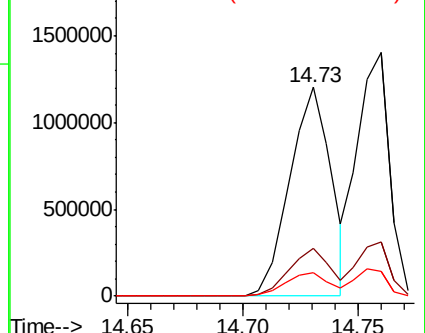
125 11.2 8.7 13.1

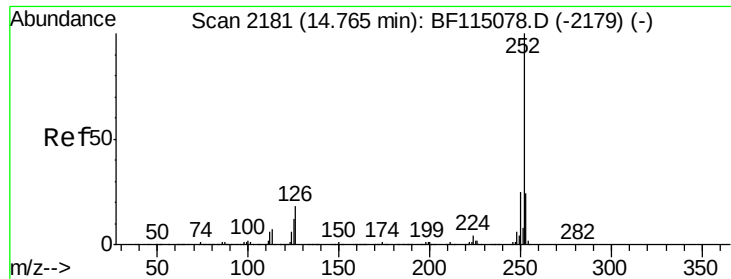


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

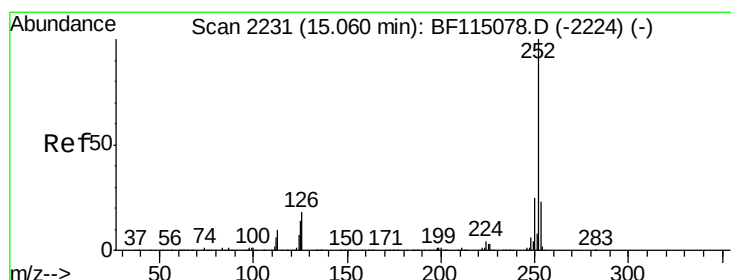
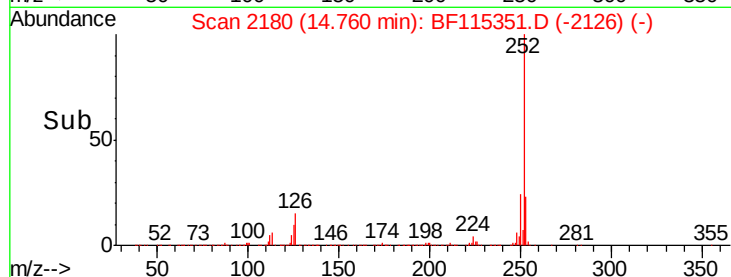
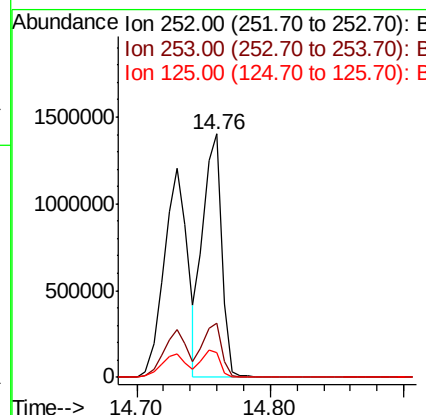
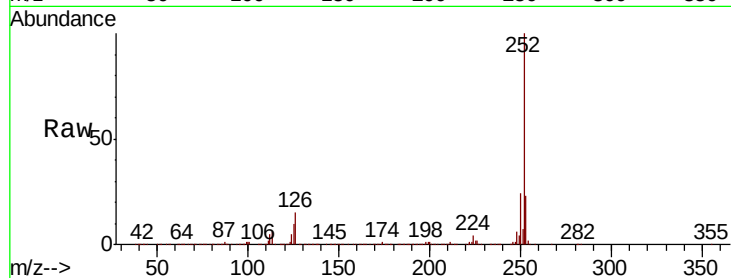




#89
 Benzo(k)fluoranthene
 Concen: 40.606 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BF115351.D
 Acq: 2 Jul 2019 9:23

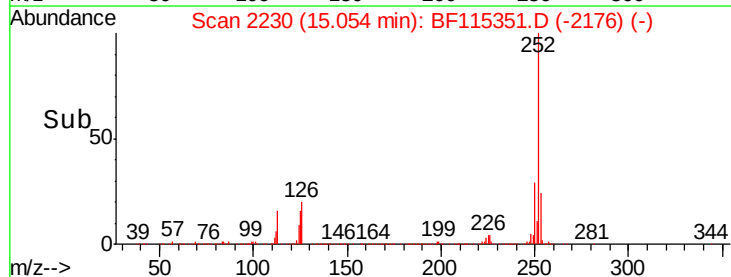
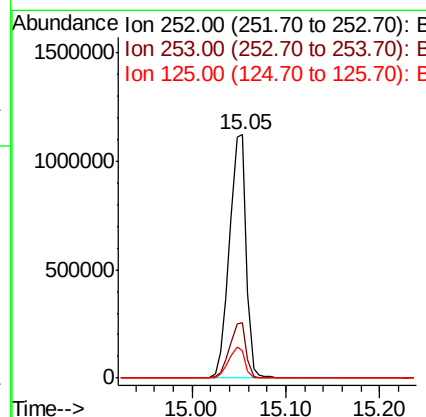
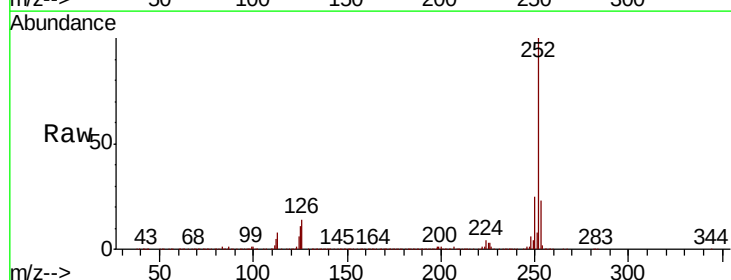
Instrument :
 BNA_F
 ClientSampleId :

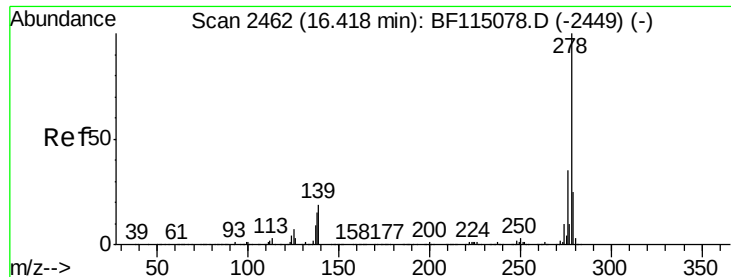
Tot Ion:252 Resp: 1361686
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.9 28.3
 125 10.3 10.2 15.2



#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





#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

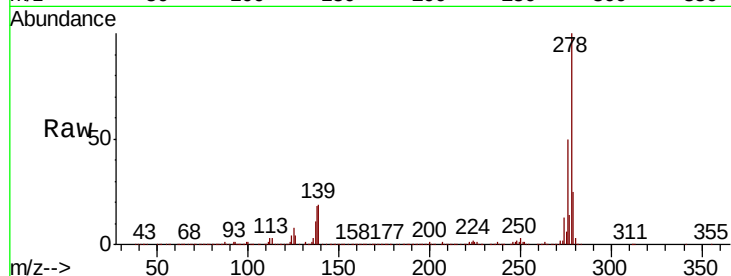
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1314226

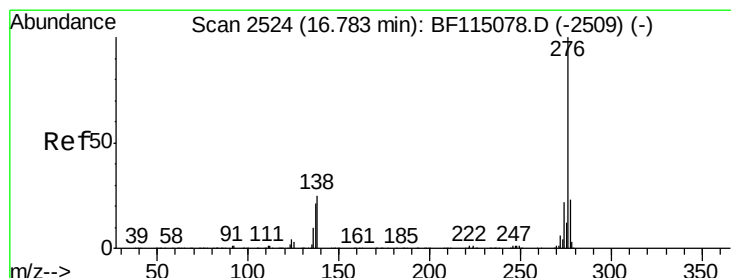
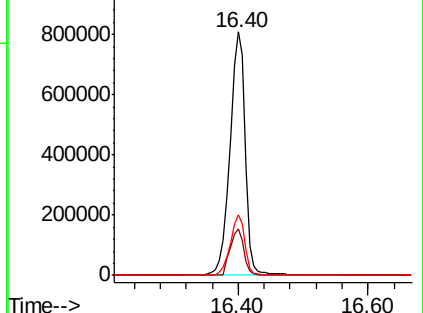
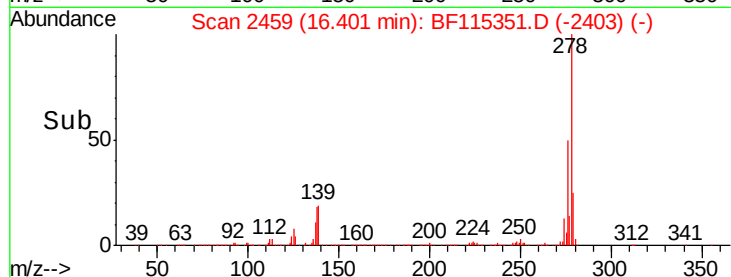
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.4	23.2
279	24.9	19.9	29.9



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

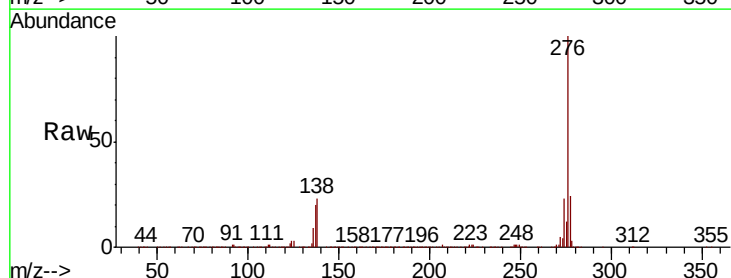
Delta R.T. 0.04 min

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

