

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116296.D
 Acq On : 15 Aug 2019 23:25
 Operator : HP/JU
 Sample : K4321-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:12:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86566	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	337533	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	186937	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	340795	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	303733	20.00	ng	-0.03
87) Perylene-d12	15.44	264	327055	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	640058	123.78	ng	-0.03
7) Phenol-d6	6.46	99	819293	125.58	ng	-0.02
23) Nitrobenzene-d5	7.38	82	523819	89.58	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	239707	132.26	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	952404	95.43	ng	-0.04
79) Terphenyl-d14	12.92	244	1234772	85.66	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	89634	34.312	ng	99
3) Pyridine	3.29	79	231720	31.754	ng	98
6) Aniline	6.48	93	279298	29.893	ng	# 78
8) 2-Chlorophenol	6.61	128	258679	45.239	ng	99
9) Benzaldehyde	6.37	77	120014	26.660	ng	98
10) Phenol	6.47	94	341809	44.490	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	248916	44.068	ng	99
12) 1,3-Dichlorobenzene	6.76	146	273580	41.399	ng	99
13) 1,4-Dichlorobenzene	6.83	146	282537	42.700	ng	98
14) 1,2-Dichlorobenzene	6.99	146	262202	43.036	ng	98
15) Benzyl Alcohol	6.96	79	216304	43.688	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	322073	41.803	ng	90
17) 2-Methylphenol	7.08	107	214195	44.239	ng	98
18) Hexachloroethane	7.32	117	100017	41.056	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	178970	44.268	ng	97
20) 3+4-Methylphenols	7.23	107	280056	48.878	ng	93
22) Acetophenone	7.23	105	357790	48.333	ng	# 94
24) Nitrobenzene	7.40	77	285922	45.285	ng	97
25) Isophorone	7.64	82	509942	45.607	ng	100
26) 2-Nitrophenol	7.72	139	140850	47.325	ng	92
27) 2,4-Dimethylphenol	7.76	122	230918	51.570	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	316062	45.606	ng	99
29) 2,4-Dichlorophenol	7.97	162	228994	48.435	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	237853	44.134	ng	100
31) Naphthalene	8.12	128	754334	47.491	ng	98
32) Benzoic acid	7.90	122	107042	33.907	ng	98
33) 4-Chloroaniline	8.17	127	136314	19.208	ng	99
34) Hexachlorobutadiene	8.23	225	132789	42.777	ng	99
35) Caprolactam	8.58	113	42248	27.629	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	238704	48.532	ng	97
37) 2-Methylnaphthalene	8.81	142	504763	48.253	ng	98
38) 1-Methylnaphthalene	8.91	142	470681	47.562	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	228556	45.733	ng	100
41) Hexachlorocyclopentadiene	8.96	237	90051	43.088	ng	100

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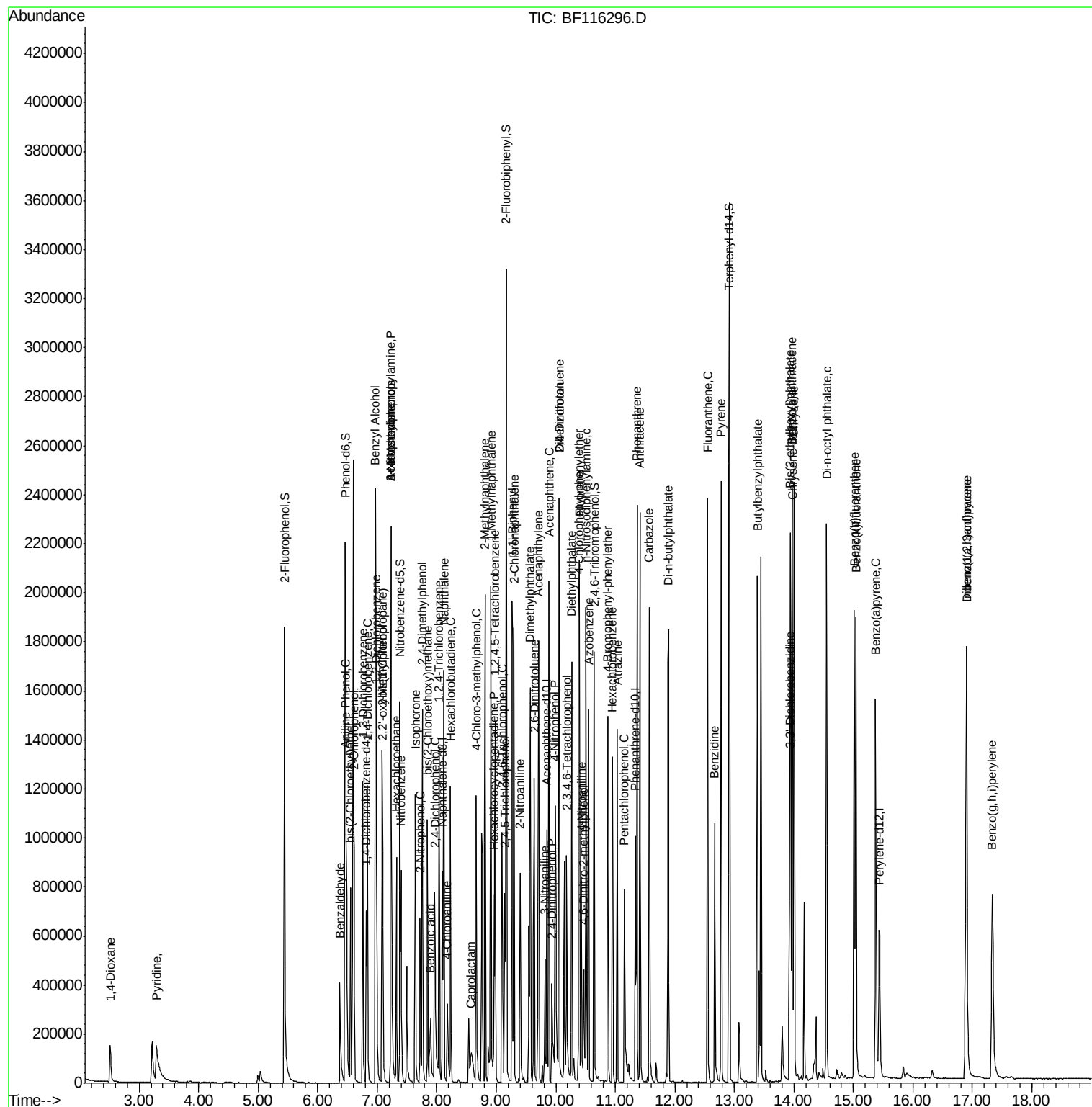
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	144226	41.927	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	152805	42.973	nq	97
46) 1,1'-Biphenyl	9.27	154	623090	47.212	nq	98
47) 2-Chloronaphthalene	9.30	162	482268	43.905	nq	100
48) 2-Nitroaniline	9.40	65	155912	42.942	nq	90
49) Acenaphthylene	9.72	152	752378	46.950	nq	98
50) Dimethylphthalate	9.57	163	666563	52.369	nq	100
51) 2,6-Dinitrotoluene	9.64	165	127413	46.063	nq	92
52) Acenaphthene	9.89	154	456757	46.460	nq	100
53) 3-Nitroaniline	9.82	138	97498	28.526	nq	95
54) 2,4-Dinitrophenol	9.93	184	85270	62.503	nq	99
55) Dibenzofuran	10.06	168	666852	46.642	nq	99
56) 4-Nitrophenol	9.99	139	166341	75.973	nq	93
57) 2,4-Dinitrotoluene	10.05	165	168302	45.699	nq	94
58) Fluorene	10.40	166	543753	49.433	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	139336	46.576	nq	99
60) Diethylphthalate	10.27	149	566712	47.689	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	271182	48.678	nq	99
62) 4-Nitroaniline	10.43	138	144049	40.782	nq	98
63) Azobenzene	10.55	77	587024	48.027	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	79344	43.934	nq	97
66) n-Nitrosodiphenylamine	10.51	169	477463	46.547	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	164124	44.988	nq	96
68) Hexachlorobenzene	10.96	284	185325	43.931	nq	93
69) Atrazine	11.03	200	156009	46.231	nq	99
70) Pentachlorophenol	11.15	266	146322	71.443	nq	99
71) Phenanthrene	11.36	178	826538	47.442	nq	99
72) Anthracene	11.42	178	863483	48.972	nq	99
73) Carbazole	11.57	167	791609	49.486	nq	99
74) Di-n-butylphthalate	11.89	149	958038	51.340	nq	98
75) Fluoranthene	12.55	202	926493	50.797	nq	98
77) Benzidine	12.67	184	432622	42.160	nq	98
78) Pyrene	12.78	202	945341	41.289	nq	99
80) Butylbenzylphthalate	13.39	149	435484	44.965	nq	99
81) Benzo(a)anthracene	13.97	228	881977	45.431	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	179283	26.582	nq	98
83) Chrysene	14.00	228	882499	46.823	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	629750	50.037	nq	# 97
85) Di-n-octyl phthalate	14.55	149	1065669	53.309	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	847474	53.536	nq	100
88) Benzo(b)fluoranthene	15.02	252	844053	44.634	nq	99
89) Benzo(k)fluoranthene	15.04	252	854304	46.381	nq	99
90) Benzo(a)pyrene	15.37	252	809000	47.856	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	712486	48.691	nq	100
92) Benzo(g,h,i)perylene	17.33	276	702556	48.888	nq	97

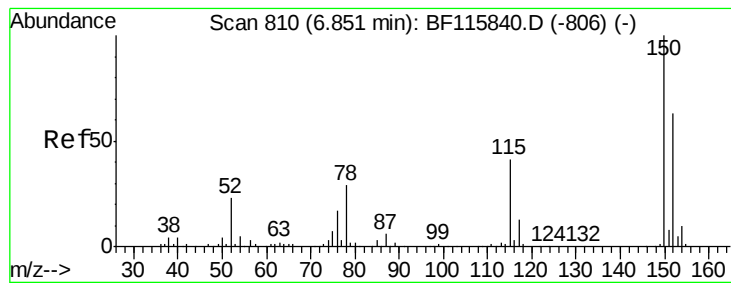
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

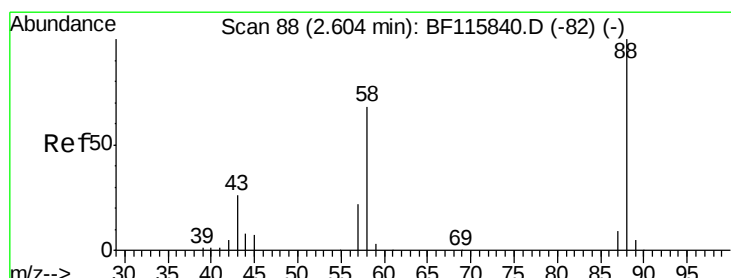
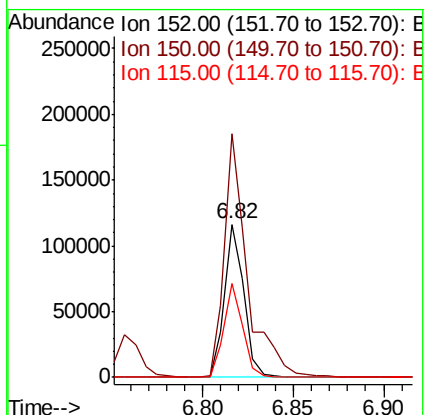
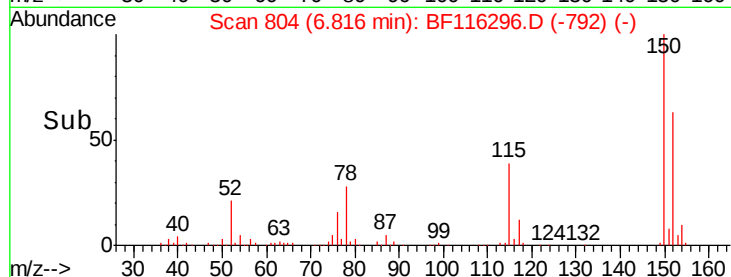
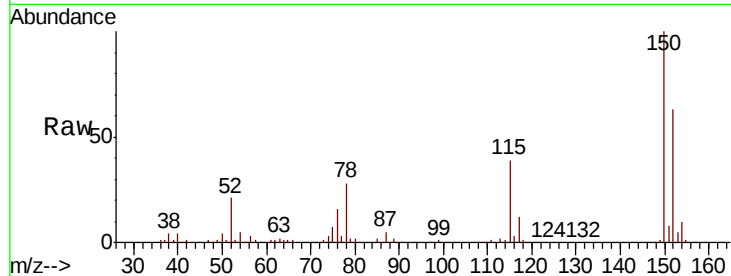
Tot Ion:152 Resp: 86566

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

115 61.6 49.9 74.9



#2

1,4-Dioxane

Concen: 34.312 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.09 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

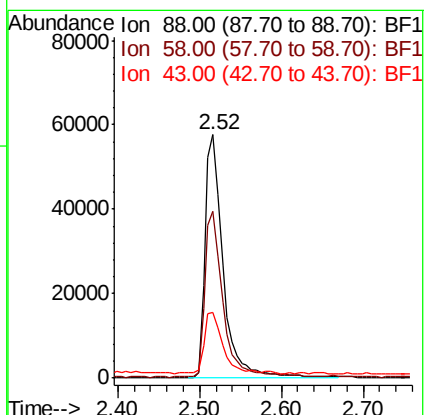
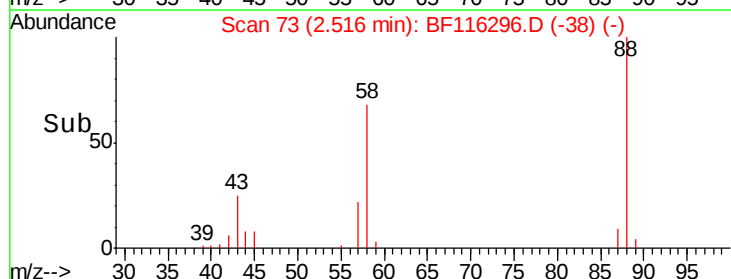
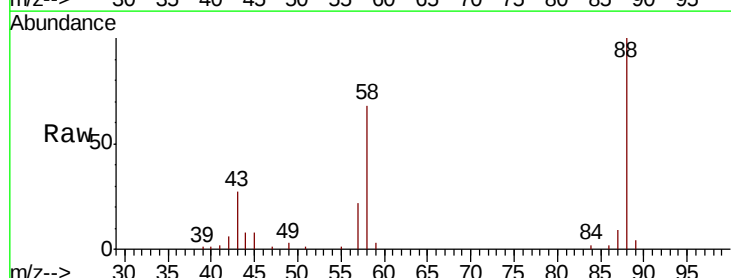
Tgt Ion: 88 Resp: 89634

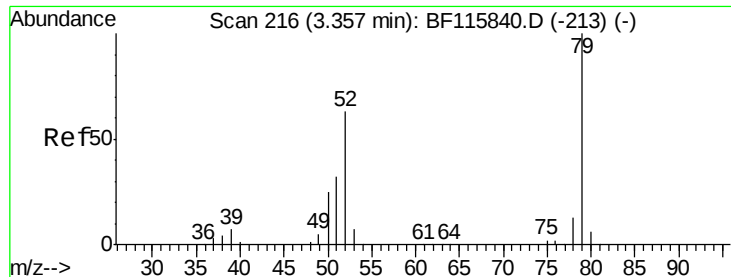
Ion Ratio Lower Upper

88 100

58 66.5 53.7 80.5

43 25.9 21.0 31.4





#3

Pvridine

Concen: 31.754 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.08 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

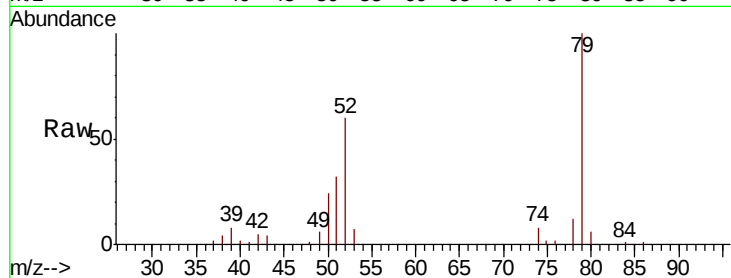
Tot Ion: 79 Resp: 231720

Ion Ratio Lower Upper

79 100

52 60.2 49.8 74.8

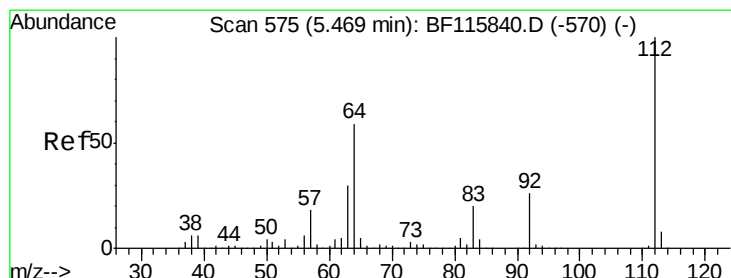
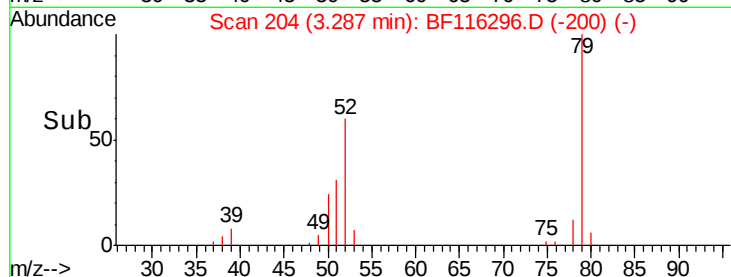
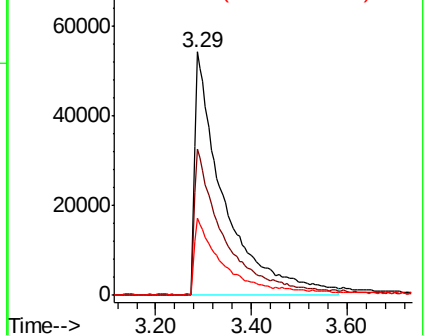
51 31.6 25.2 37.8



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



#5

2-Fluorophenol

Concen: 123.778 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

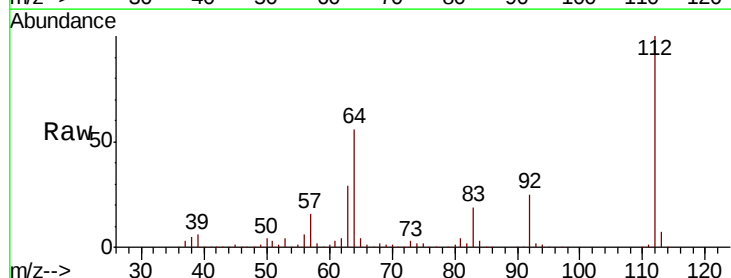
Tgt Ion: 112 Resp: 640058

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

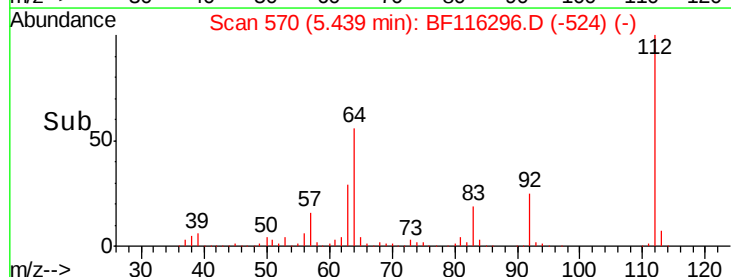
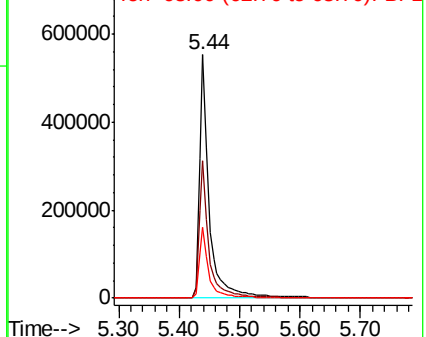
63 29.1 23.7 35.5

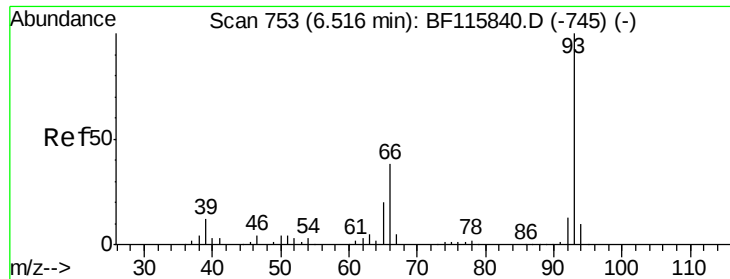


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 29.893 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.04 min

Lab File: BF116296.D

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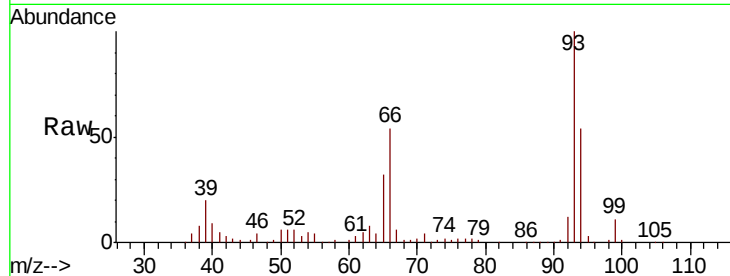
Tot Ion: 93 Resp: 279298

Ion Ratio Lower Upper

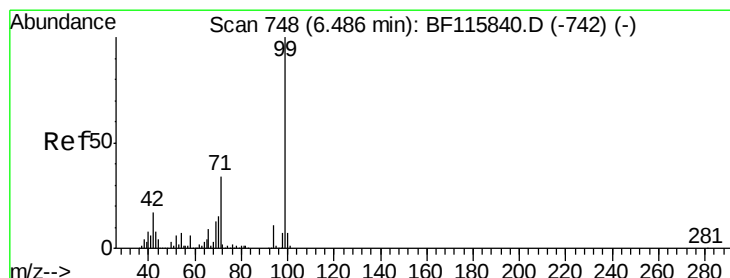
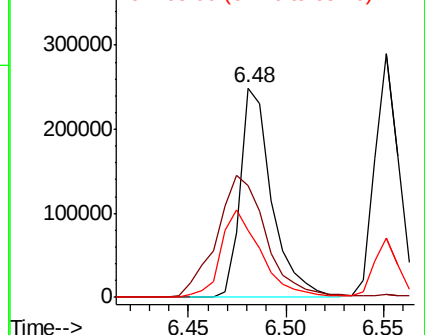
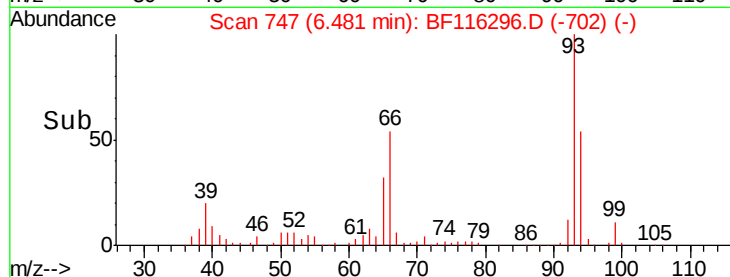
93 100

66 53.8 32.2 48.4#

65 31.8 17.0 25.6#



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: 125.579 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

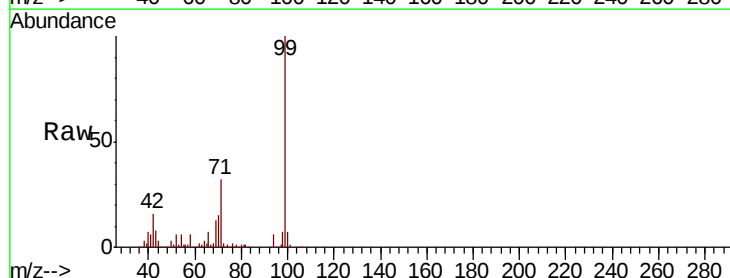
Tgt Ion: 99 Resp: 819293

Ion Ratio Lower Upper

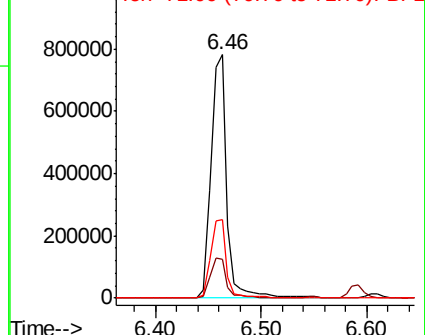
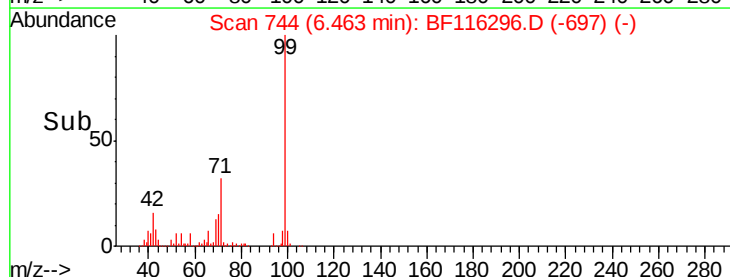
99 100

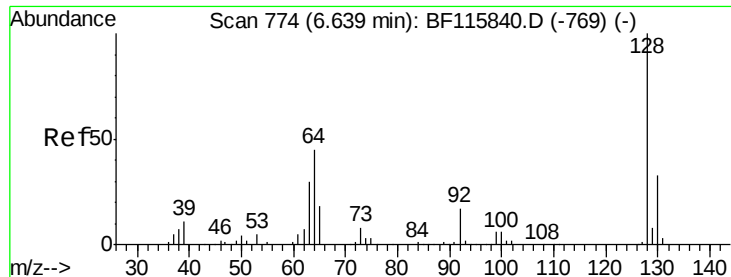
42 16.0 13.8 20.8

71 32.4 27.3 40.9



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: 45.239 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

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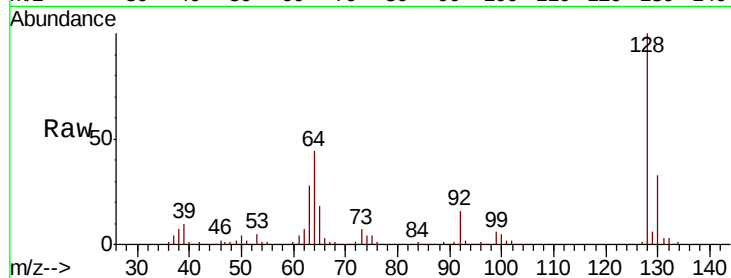
Tot Ion:128 Resp: 258679

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

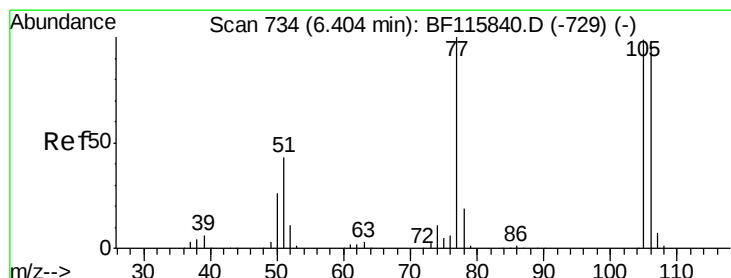
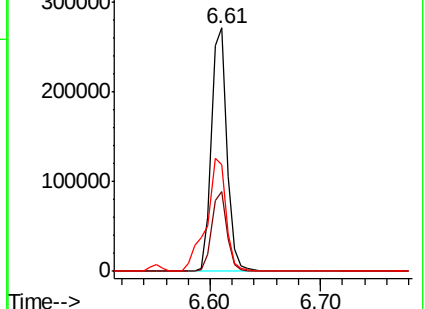
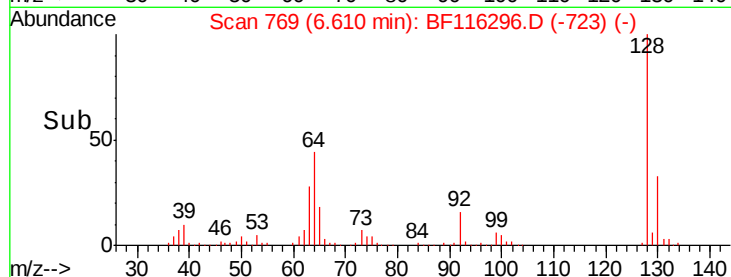
64 43.6 24.3 64.3



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: 26.660 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

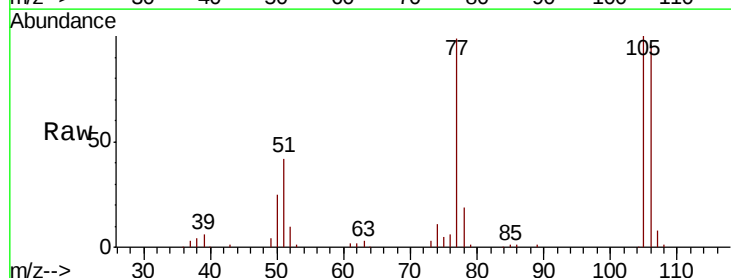
Tgt Ion: 77 Resp: 120014

Ion Ratio Lower Upper

77 100

105 101.0 79.2 119.2

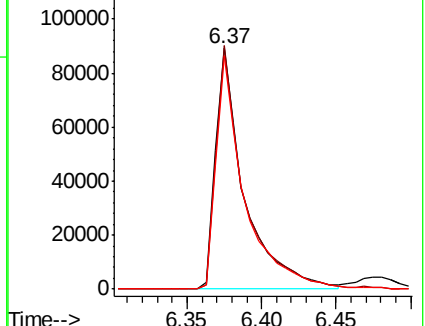
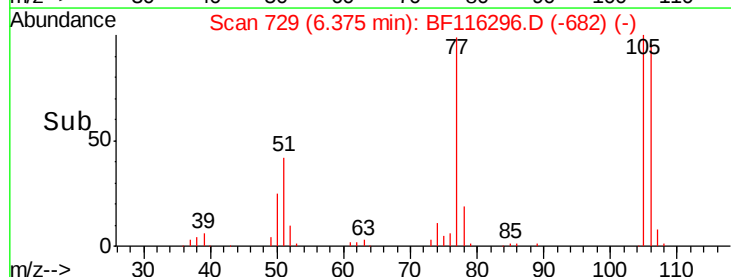
106 96.8 74.3 114.3

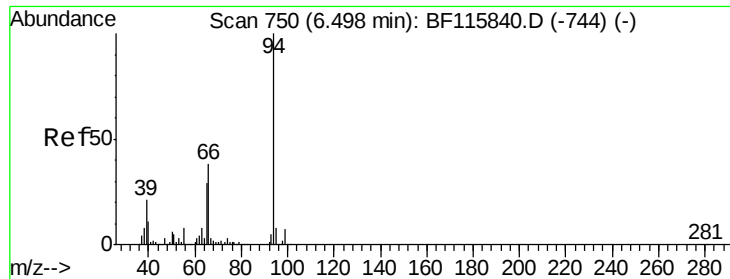


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 44.490 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

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ClientSampleId :

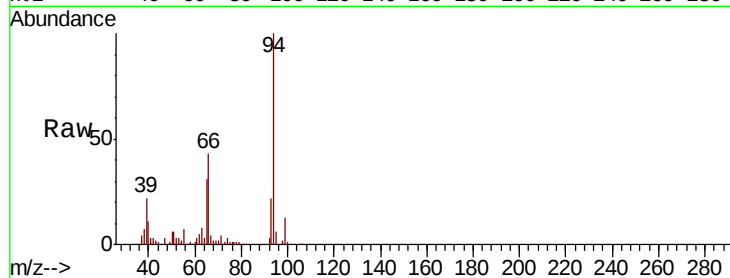
Tot Ion: 94 Resp: 341809

Ion Ratio Lower Upper

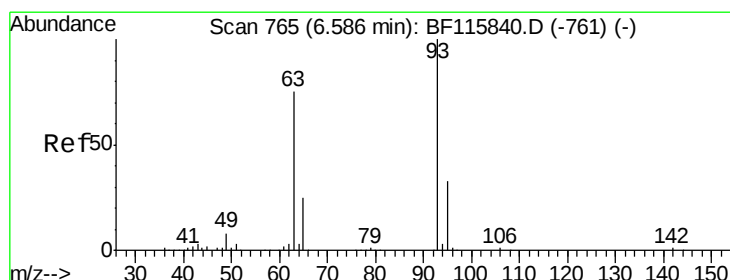
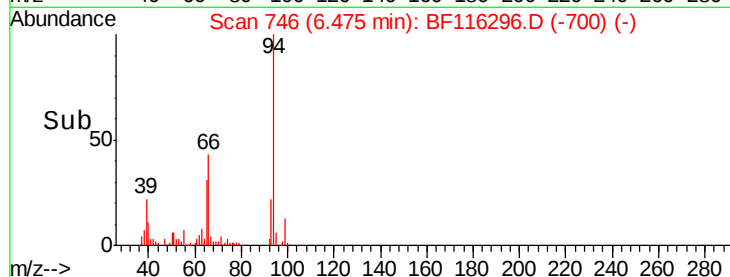
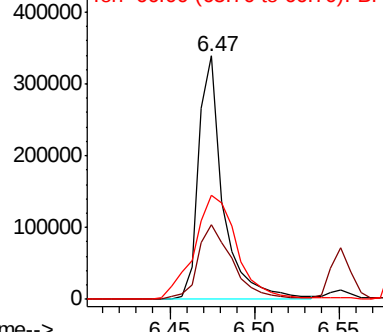
94 100

65 30.8 16.8 56.8

66 42.8 34.2 74.2



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: 44.068 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

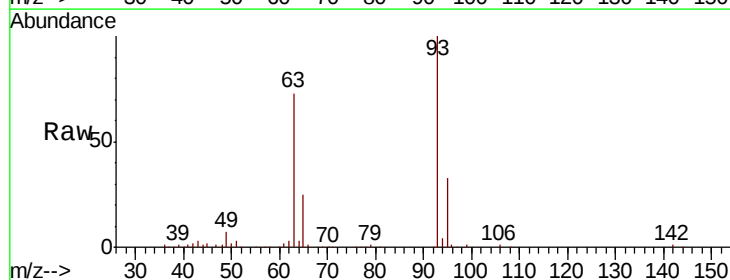
Tgt Ion: 93 Resp: 248916

Ion Ratio Lower Upper

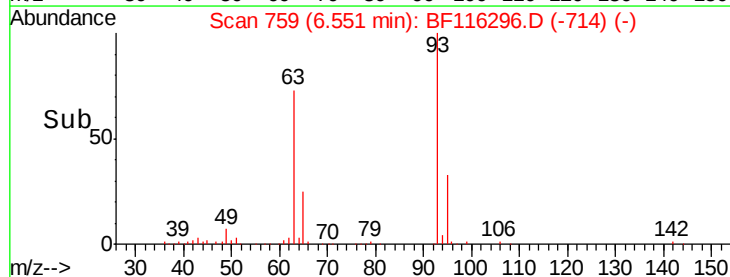
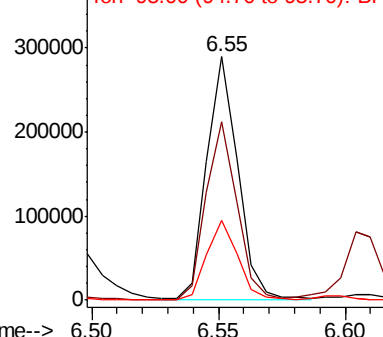
93 100

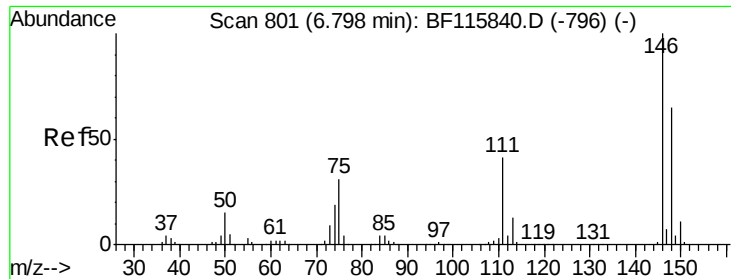
63 73.3 51.9 91.9

95 32.6 13.0 53.0



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

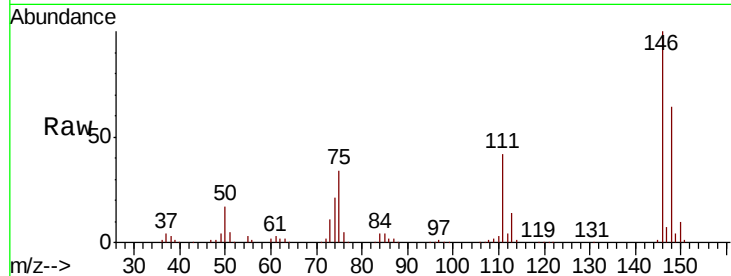




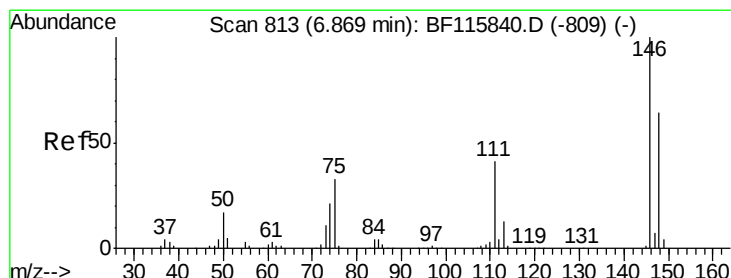
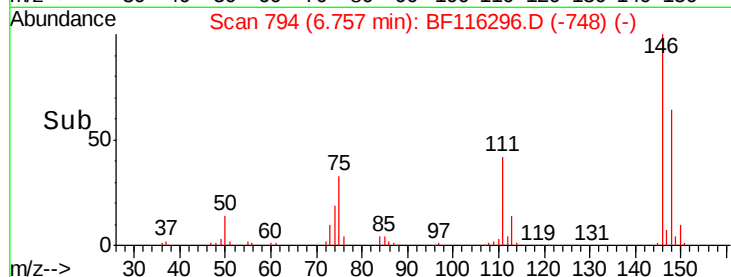
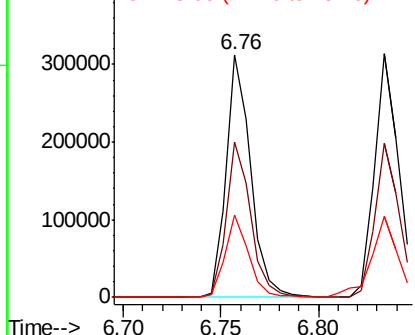
#12
 1,3-Dichlorobenzene
 Concen: 41.399 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
75	33.7	27.4	41.2

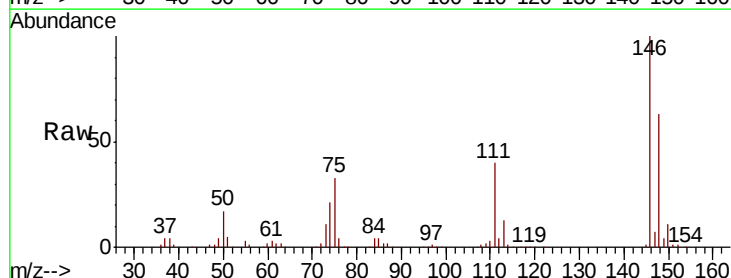


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

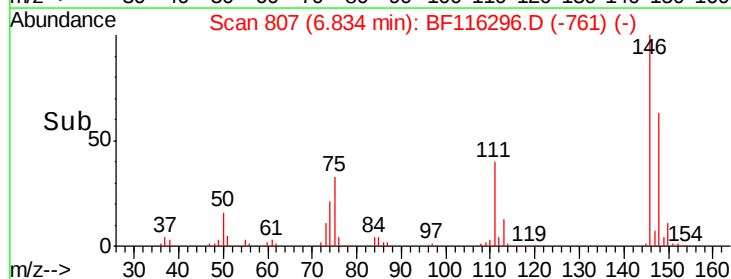
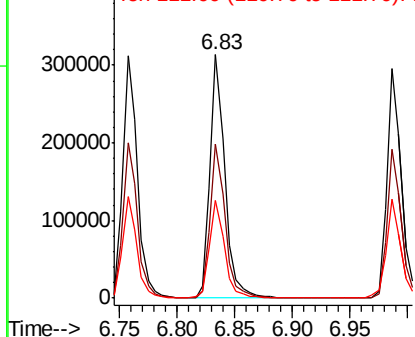


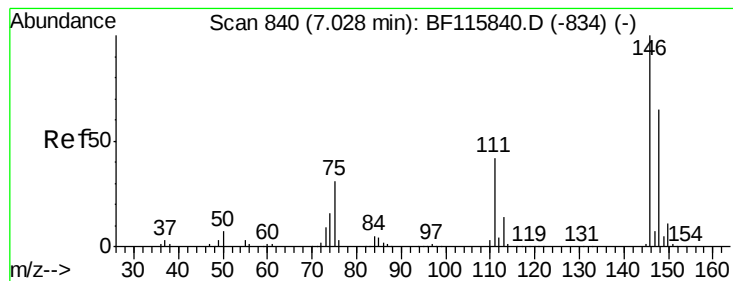
#13
 1,4-Dichlorobenzene
 Concen: 42.700 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	40.4	34.0	51.0



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: 43.036 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

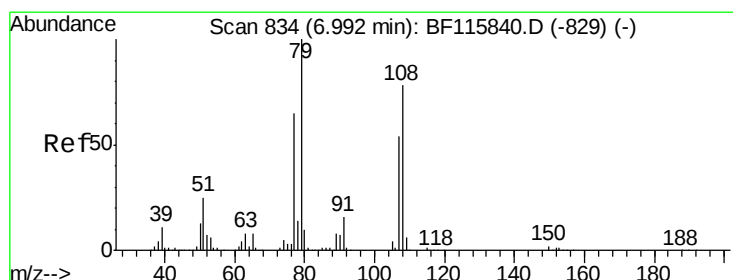
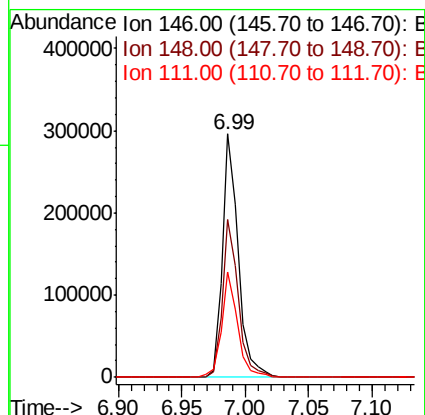
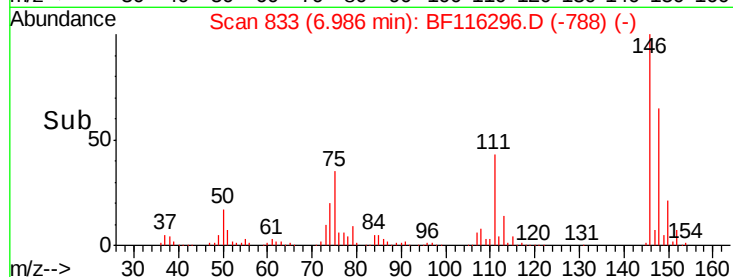
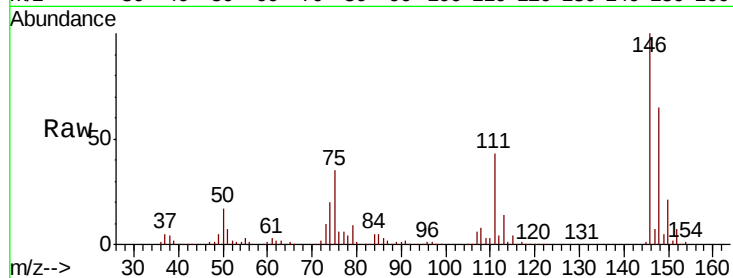
Tot Ion:146 Resp: 262202

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

111 43.2 33.5 50.3



#15

Benzyl Alcohol

Concen: 43.688 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

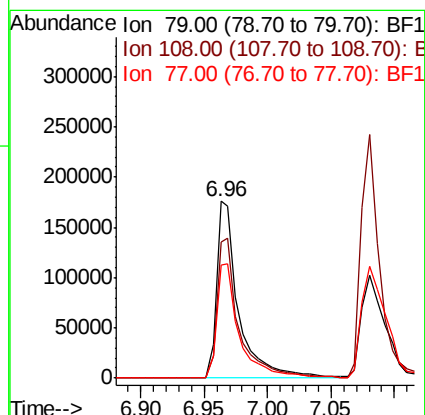
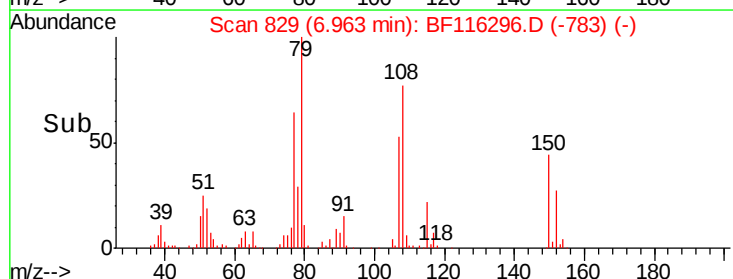
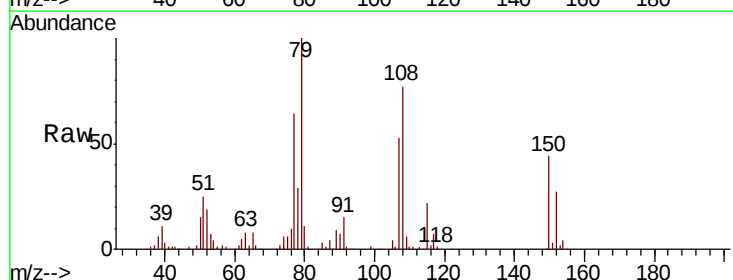
Tgt Ion: 79 Resp: 216304

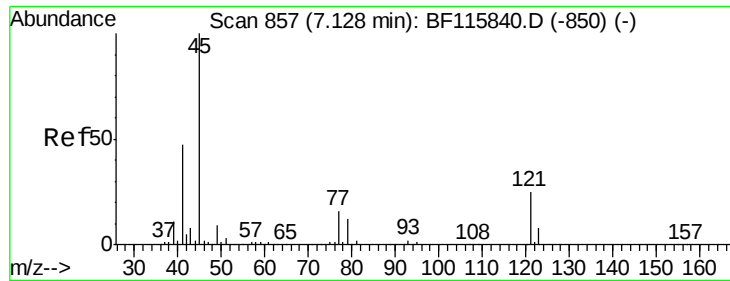
Ion Ratio Lower Upper

79 100

108 77.0 62.7 94.1

77 64.3 52.2 78.2

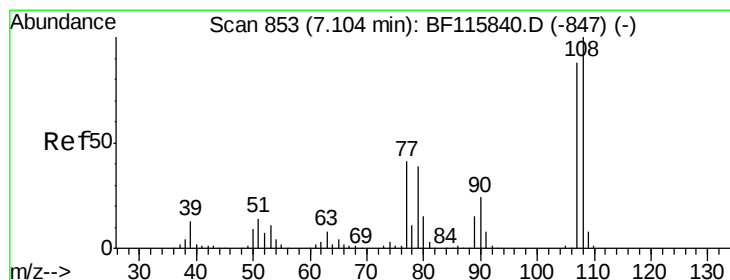
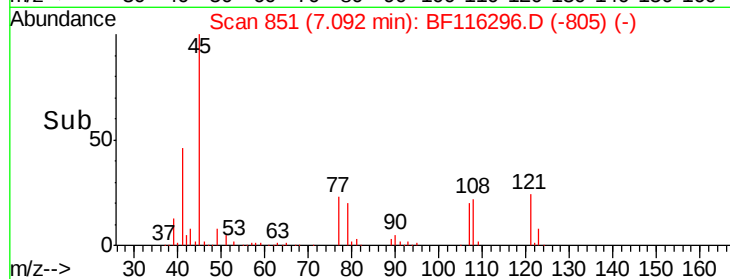
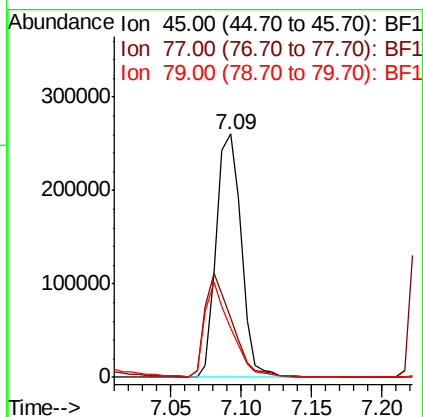
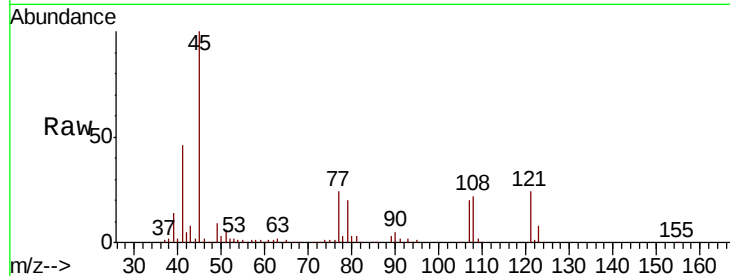




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.803 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

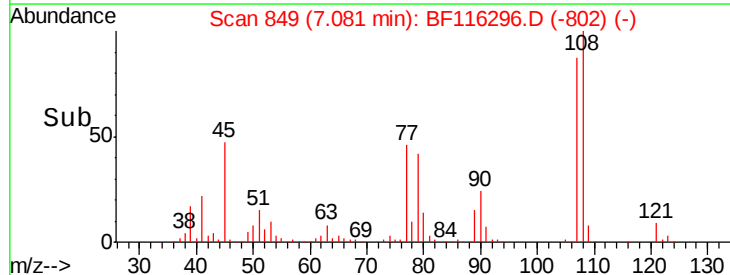
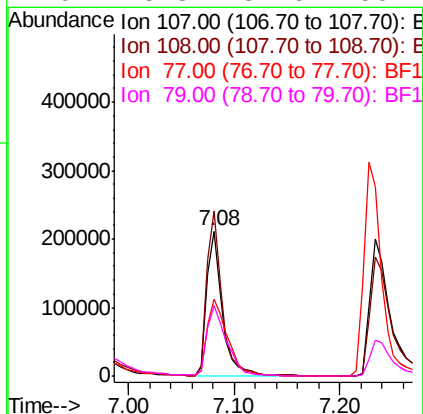
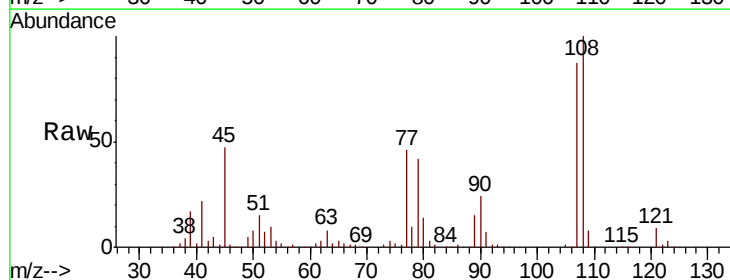
Instrument :
BNA_F
ClientSampleId :

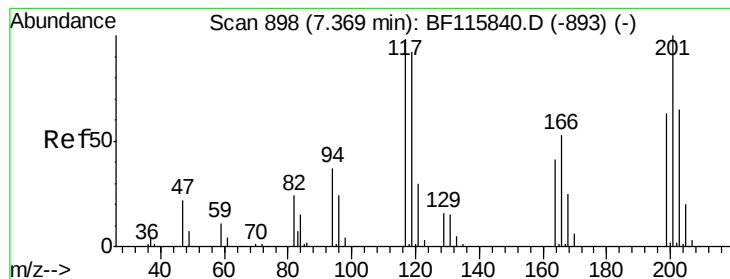
Tot Ion:	45	Resp:	322073
Ion	Ratio	Lower	Upper
45	100		
77	24.4	0.0	40.0
79	20.2	0.0	35.9



#17
2-Methylphenol
Concen: 44.239 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:	107	Resp:	214195
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.2	136.8
77	52.8	40.3	60.5
79	48.3	37.6	56.4





#18

Hexachloroethane

Concen: 41.056 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

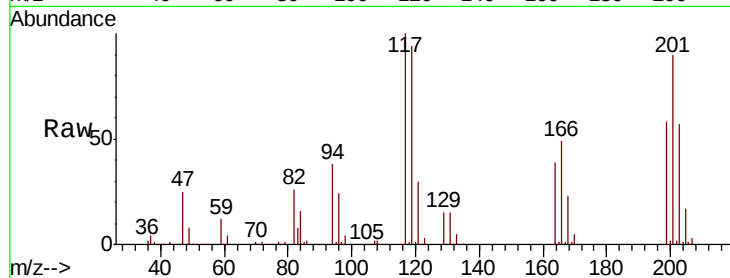
Tot Ion:117 Resp: 100017

Ion Ratio Lower Upper

117 100

119 94.2 76.1 114.1

201 89.9 77.0 115.4

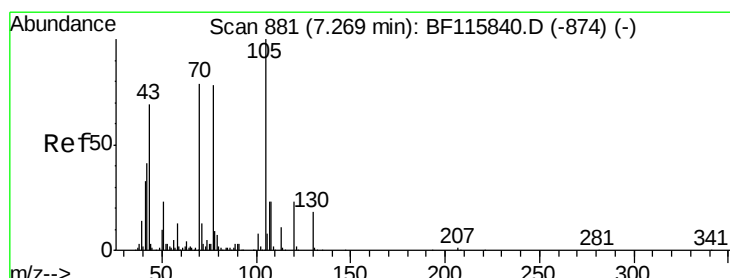
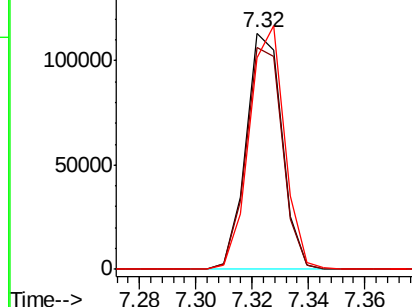
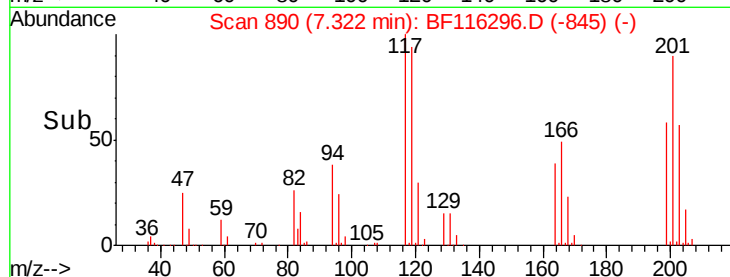


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 44.268 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Tgt Ion: 70 Resp: 178970

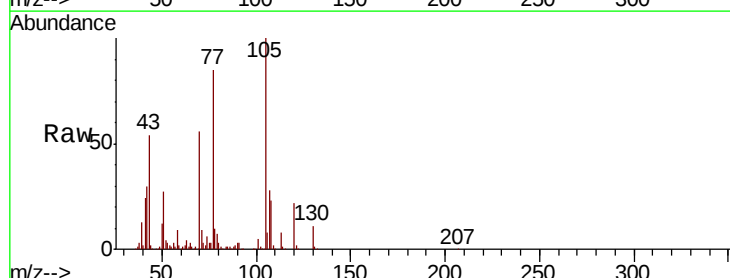
Ion Ratio Lower Upper

70 100

42 54.2 40.9 61.3

101 9.6 7.9 11.9

130 20.6 16.9 25.3



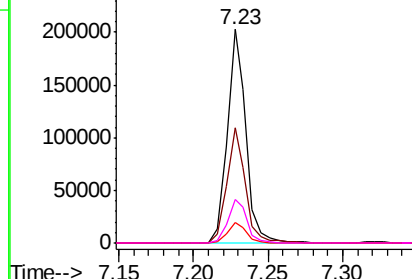
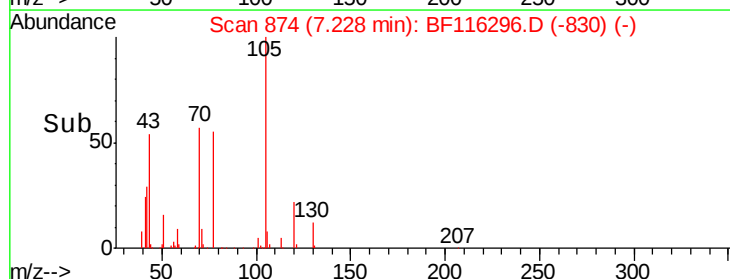
Abundance

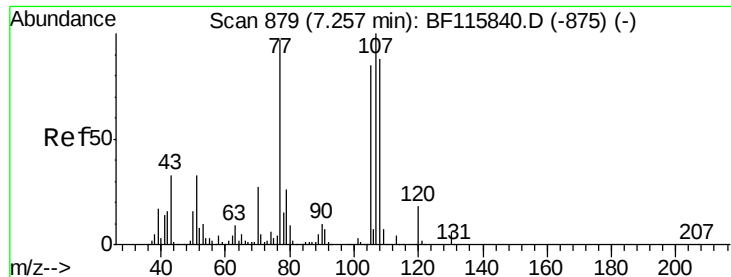
Ion 70.00 (69.70 to 70.70): BF1

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

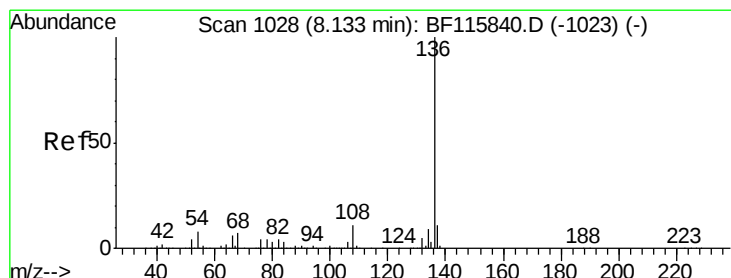
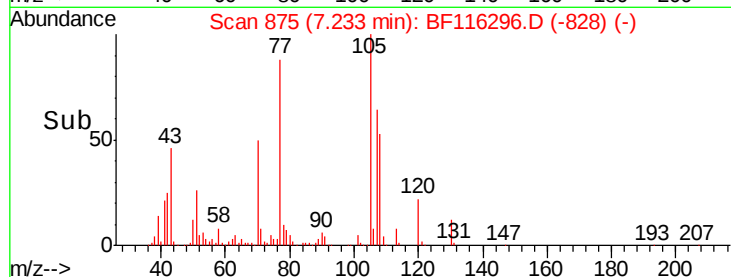
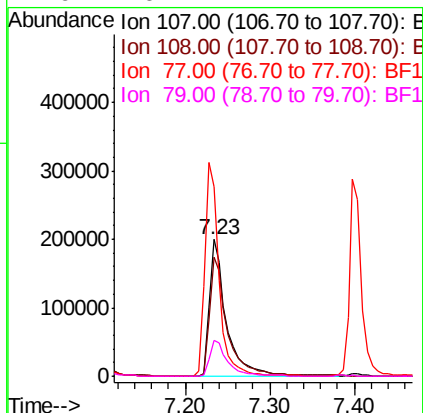
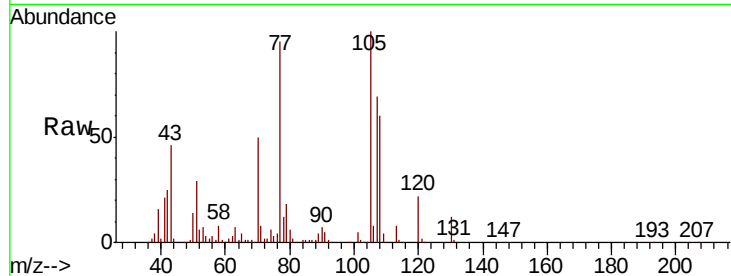




#20
3+4-Methylphenols
Concen: 48.878 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

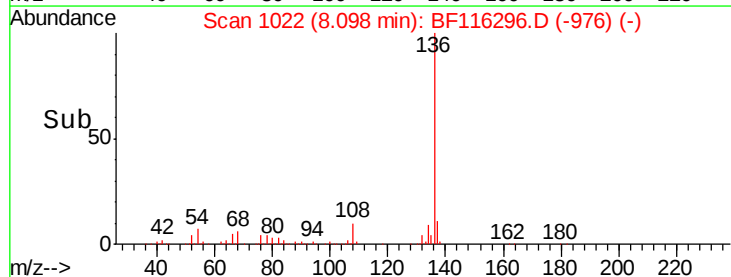
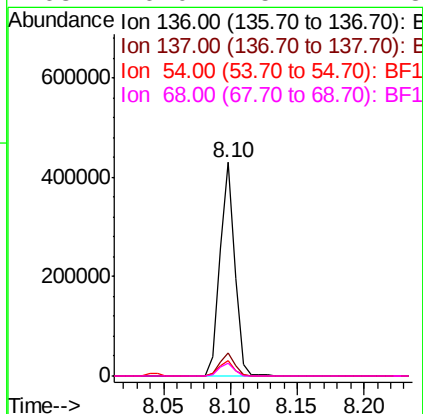
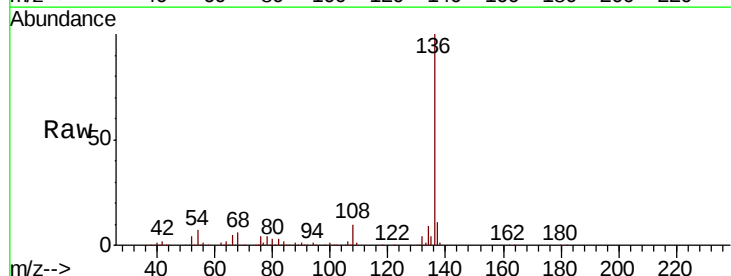
Instrument :
BNA_F
ClientSampleId :

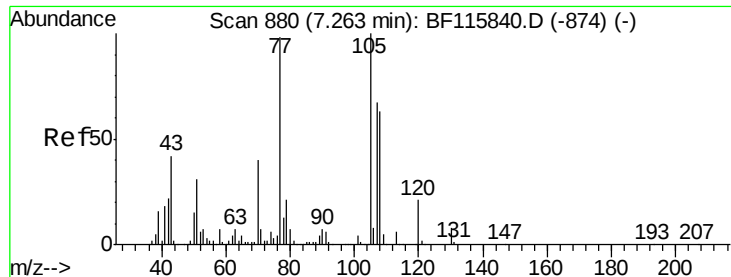
Tot Ion:	107	Resp:	280056
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.6	107.6
77	138.8	104.4	144.4
79	26.1	7.4	47.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:	136	Resp:	337533
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.8	8.6
68	6.0	5.2	7.8





#22

Acetophenone

Concen: 48.333 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 357790

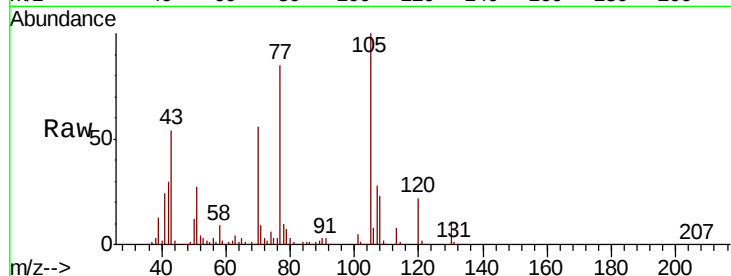
Ion Ratio Lower Upper

105 100

71 9.3 5.9 8.9#

51 26.7 25.3 37.9

120 21.8 17.9 26.9

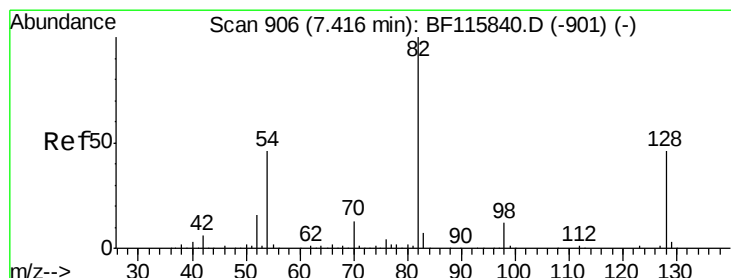
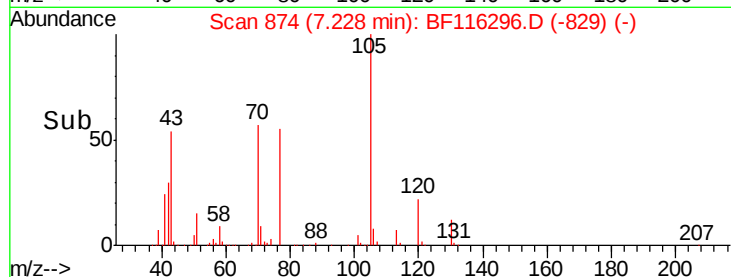
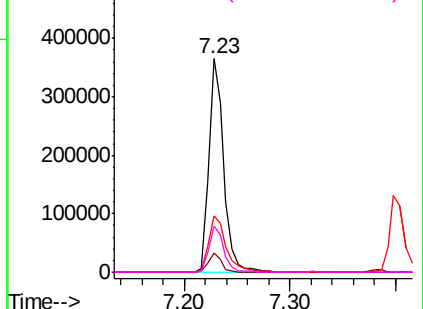


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.581 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

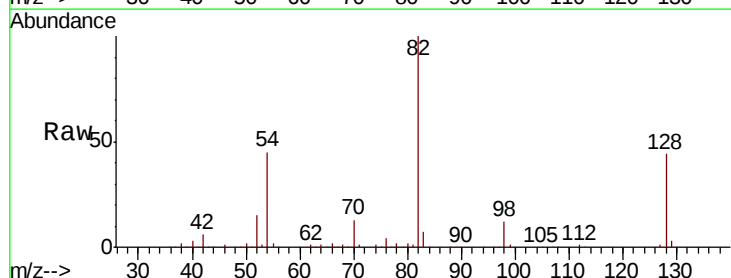
Tgt Ion: 82 Resp: 523819

Ion Ratio Lower Upper

82 100

128 44.1 36.5 54.7

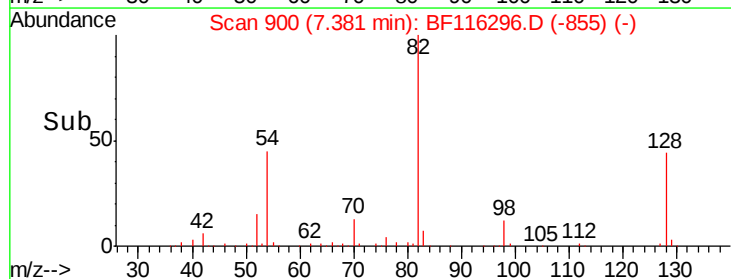
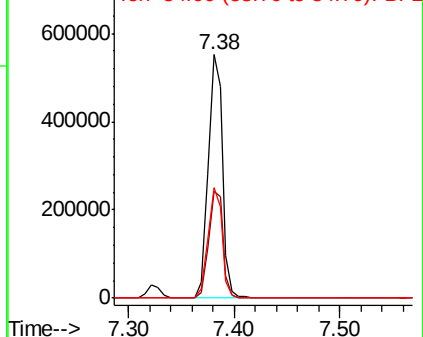
54 45.4 36.0 54.0

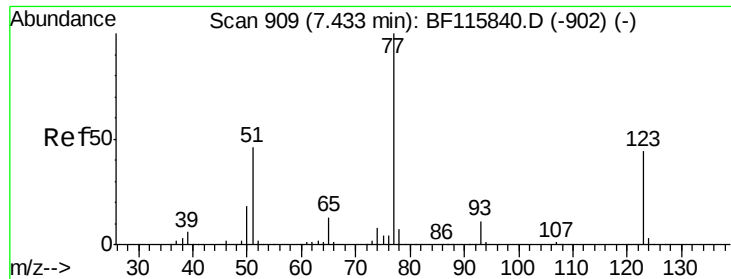


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 45.285 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

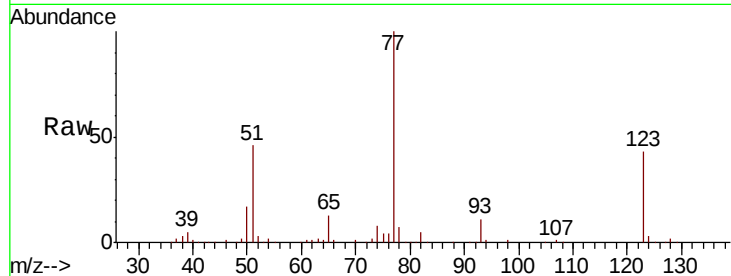
Tot Ion: 77 Resp: 285922

Ion Ratio Lower Upper

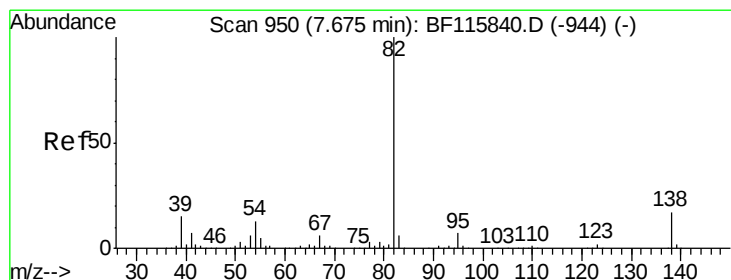
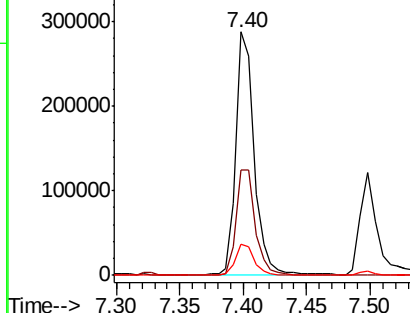
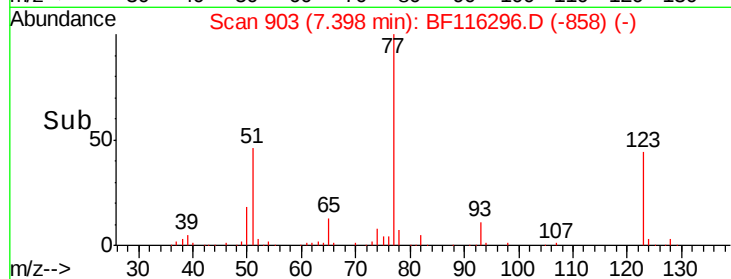
77 100

123 43.5 36.7 55.1

65 12.9 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 45.607 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

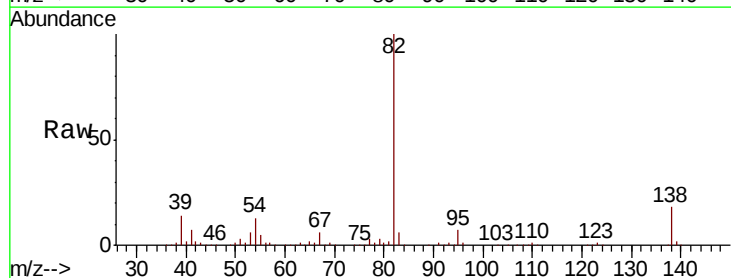
Tgt Ion: 82 Resp: 509942

Ion Ratio Lower Upper

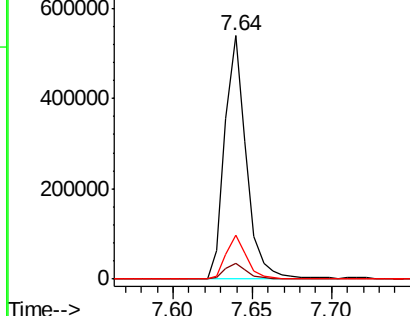
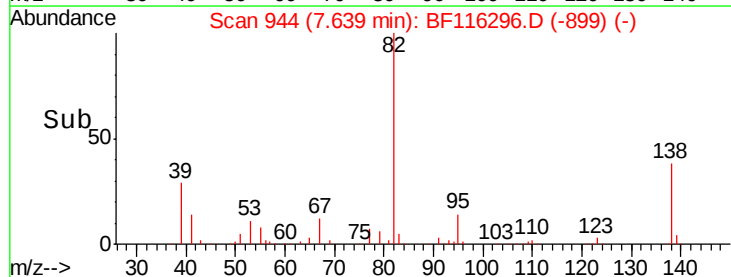
82 100

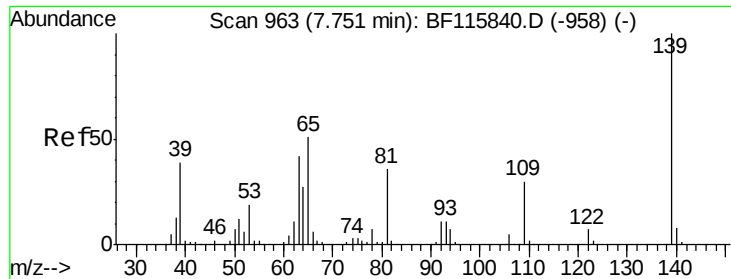
95 6.7 5.4 8.0

138 18.2 14.5 21.7



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

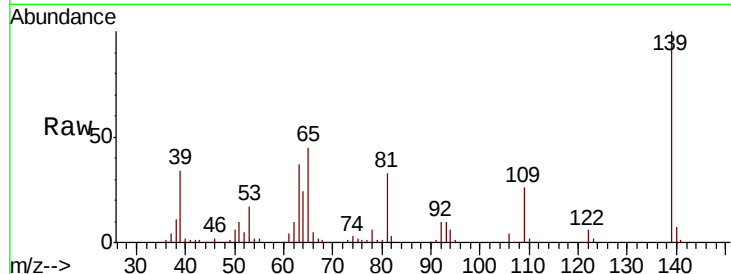




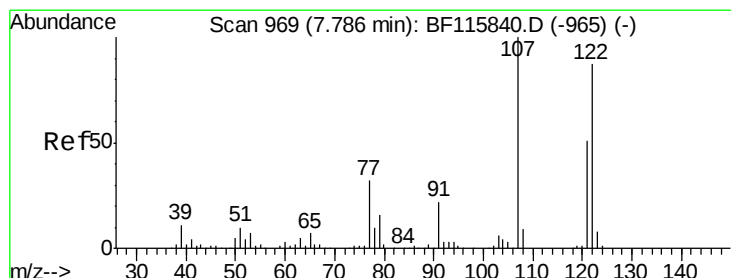
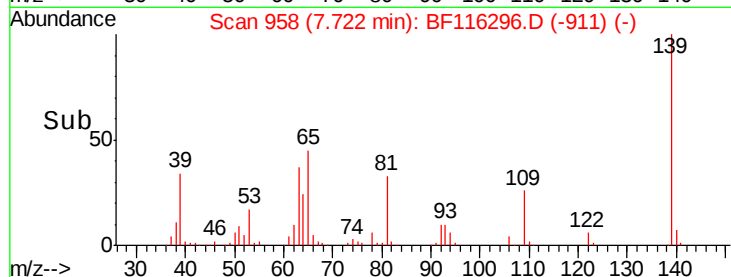
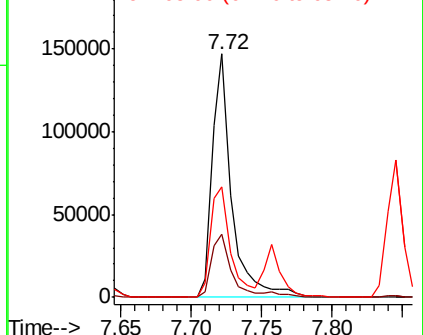
#26
2-Nitrophenol
Concen: 47.325 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	26.2	23.4	35.2
65	45.4	41.1	61.7

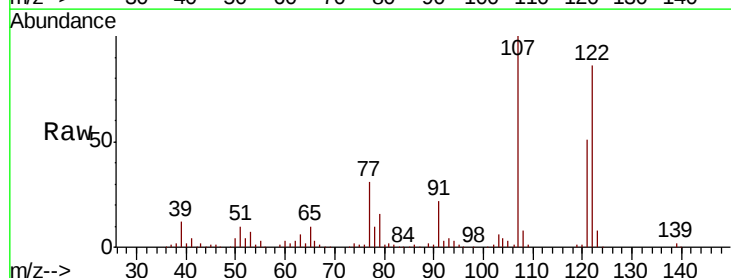


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

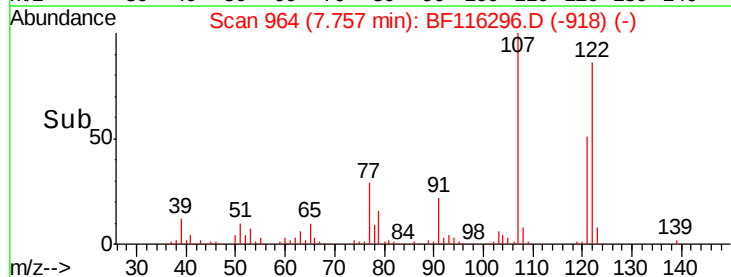
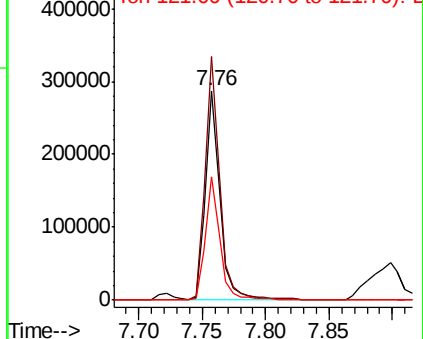


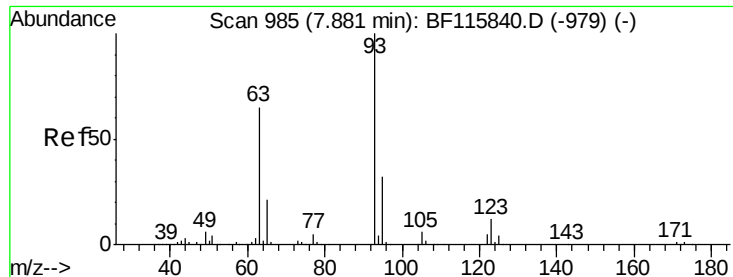
#27
2,4-Dimethylphenol
Concen: 51.570 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	93.0	139.6
121	59.1	47.6	71.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

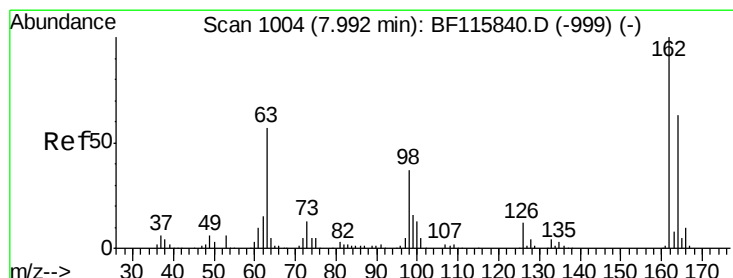
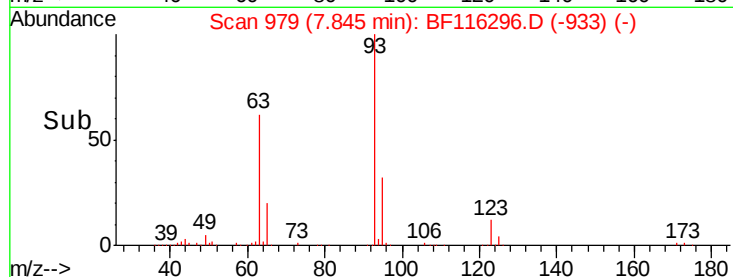
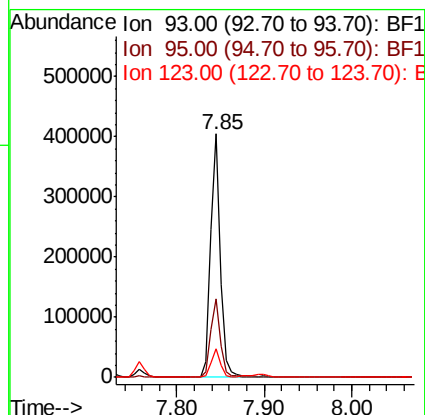
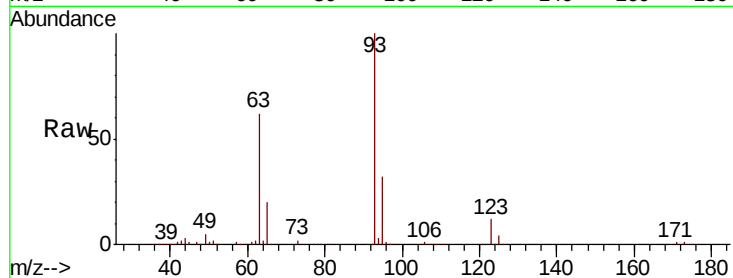




#28
bis(2-Chloroethoxy)methane
Concen: 45.606 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

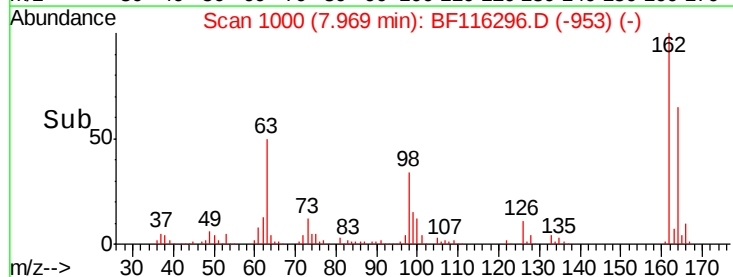
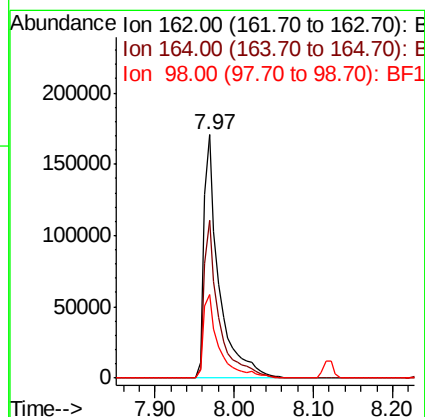
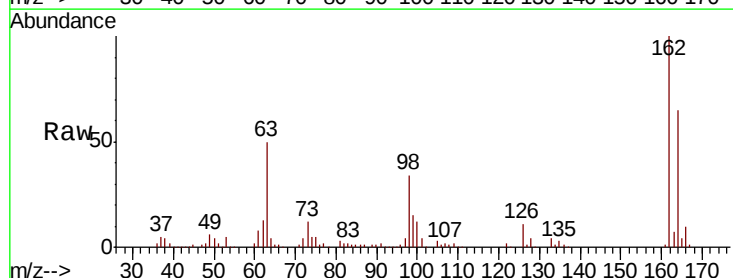
Instrument :
BNA_F
ClientSampleId :

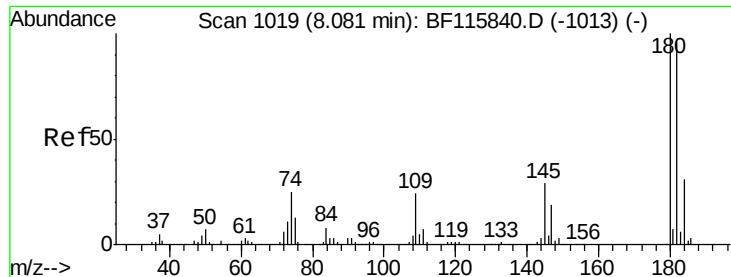
Tot Ion: 93 Resp: 316062
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.7 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 48.435 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion: 162 Resp: 228994
Ion Ratio Lower Upper
162 100
164 64.8 45.1 85.1
98 34.2 15.8 55.8

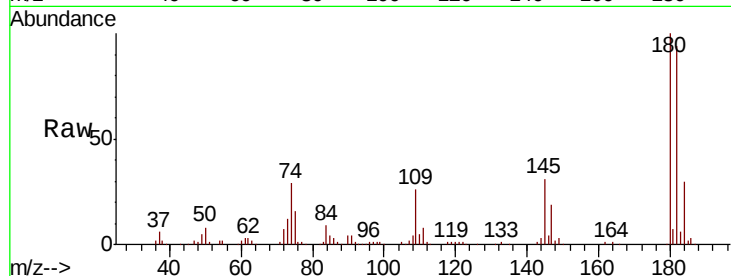




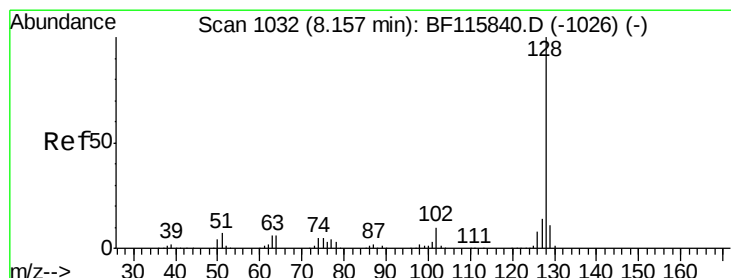
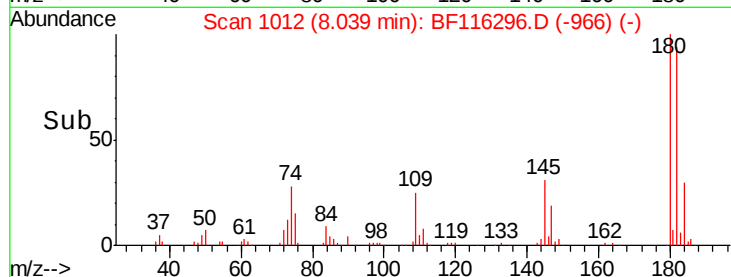
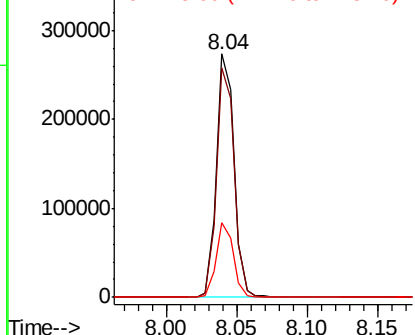
#30
 1,2,4-Trichlorobenzene
 Concen: 44.134 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 237853
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.7 113.5
 145 30.7 24.3 36.5

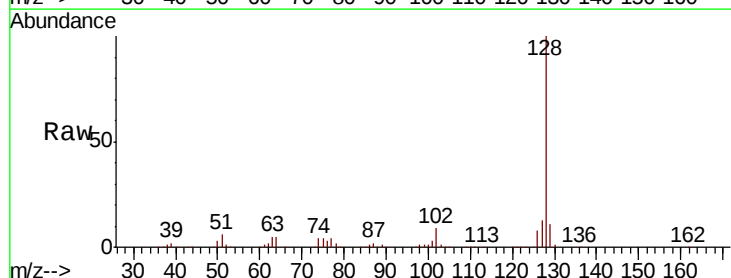


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

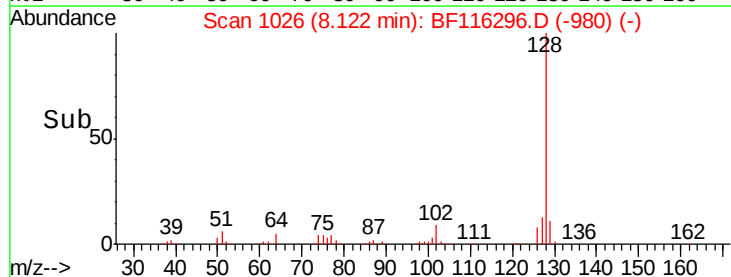
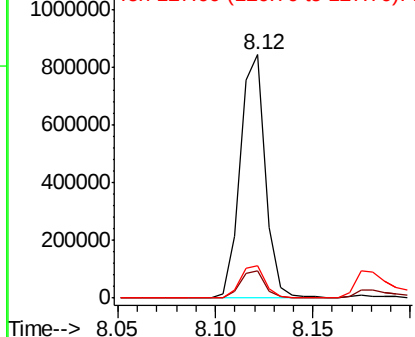


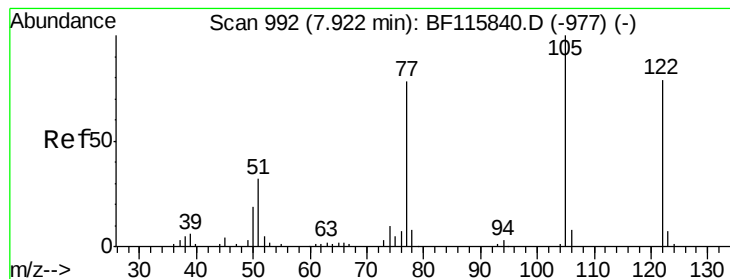
#31
 Naphthalene
 Concen: 47.491 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion:128 Resp: 754334
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.3 13.9
 127 13.3 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: 33.907 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

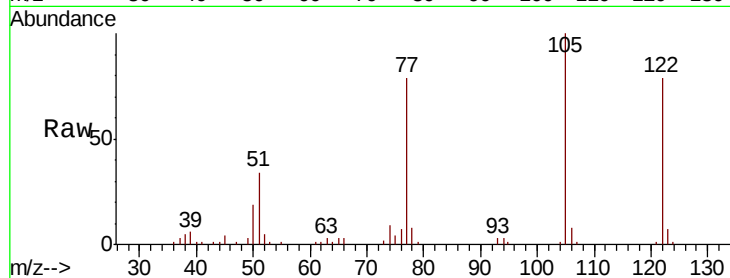
Tot Ion:122 Resp: 107042

Ion Ratio Lower Upper

122 100

105 126.8 106.1 146.1

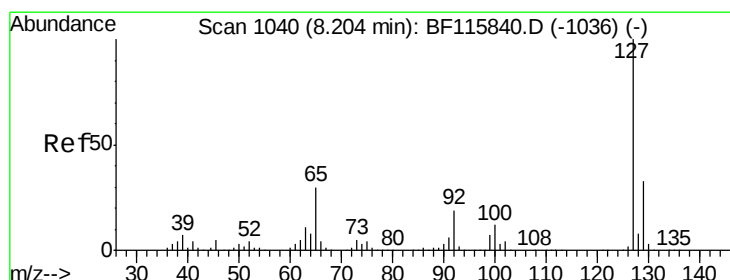
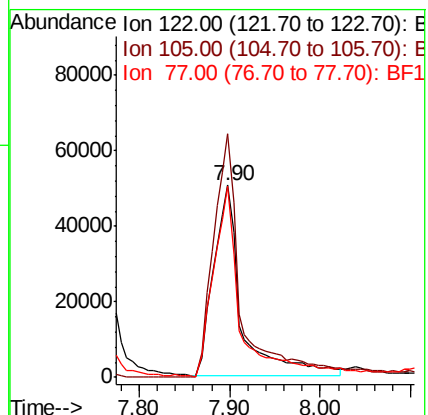
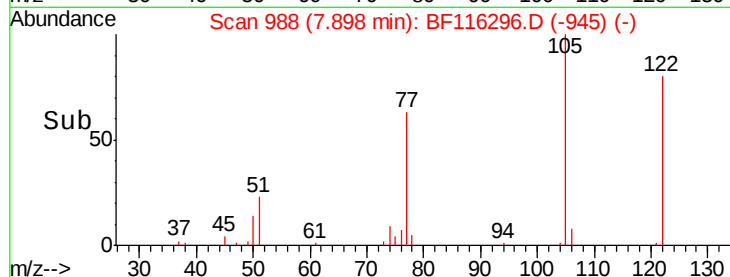
77 99.8 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 19.208 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Tgt Ion:127 Resp: 136314

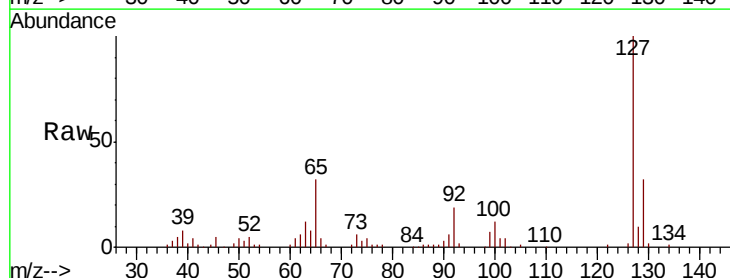
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 32.0 24.9 37.3

92 19.1 15.7 23.5

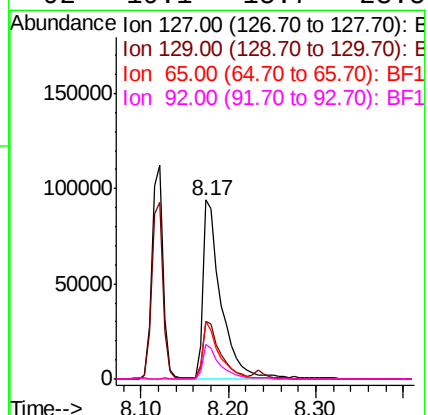
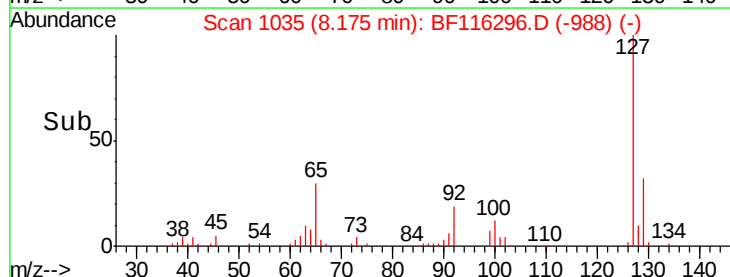


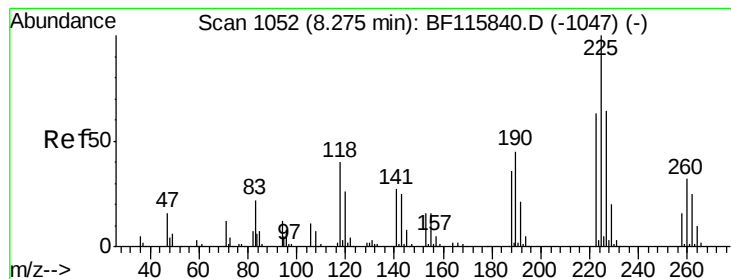
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 42.777 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

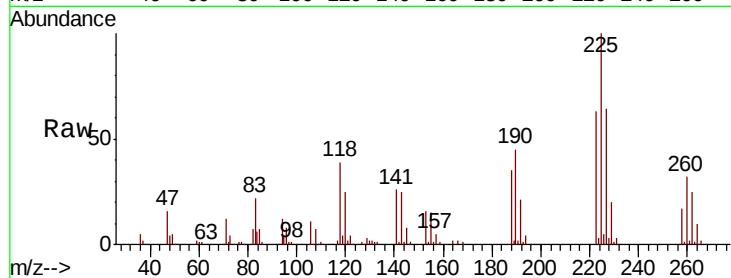
Tot Ion:225 Resp: 132789

Ion Ratio Lower Upper

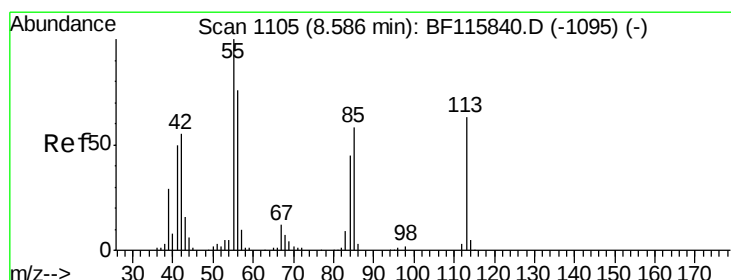
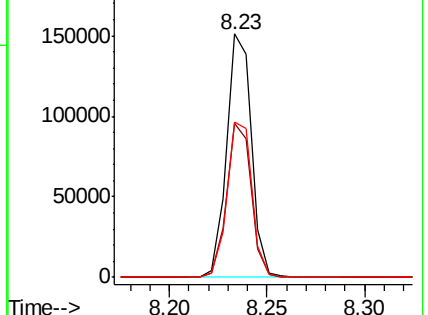
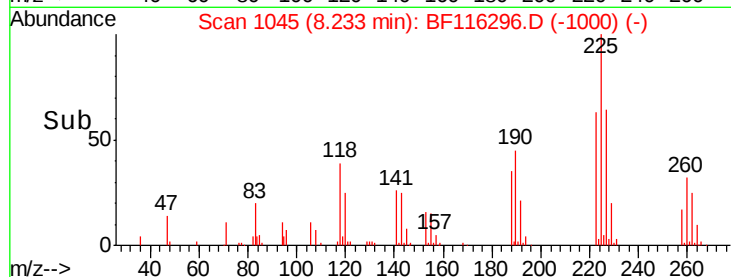
225 100

223 63.3 50.0 75.0

227 63.6 51.0 76.4



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



#35

Caprolactam

Concen: 27.629 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

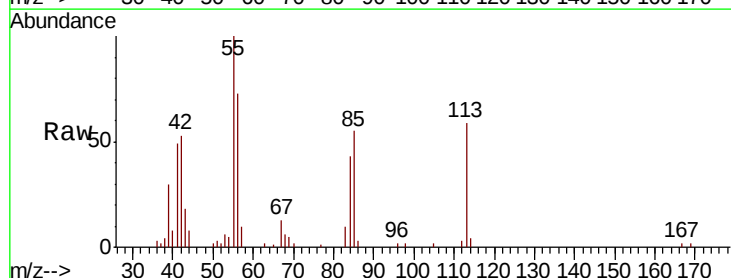
Tgt Ion:113 Resp: 42248

Ion Ratio Lower Upper

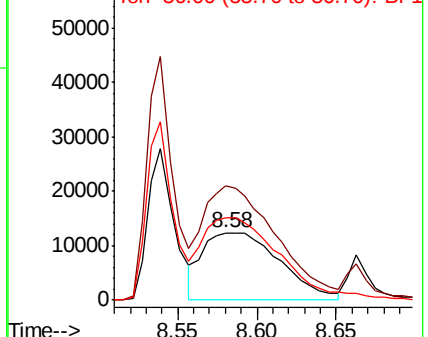
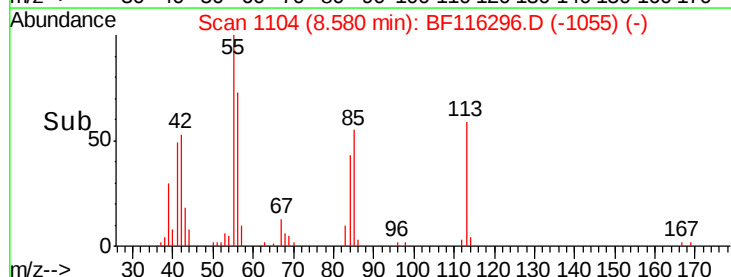
113 100

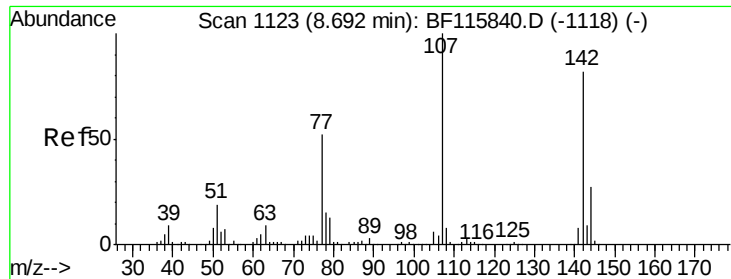
55 168.5 144.3 184.3

56 122.6 97.1 137.1



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

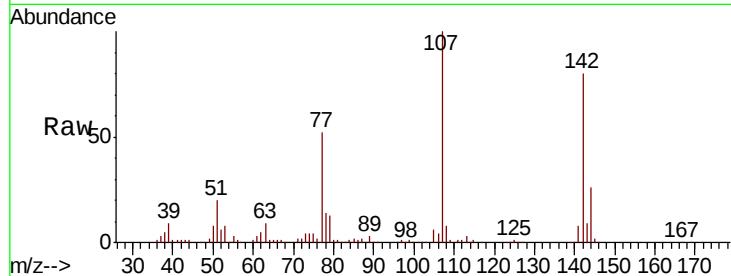




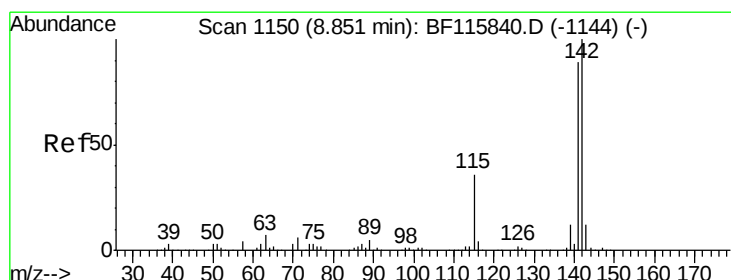
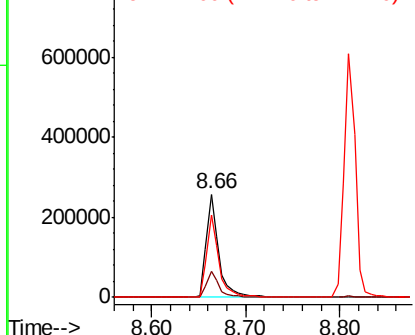
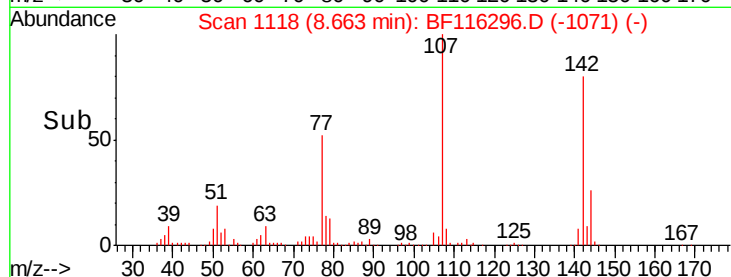
#36
4-Chloro-3-methylphenol
Concen: 48.532 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 238704
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 79.7 61.7 92.5

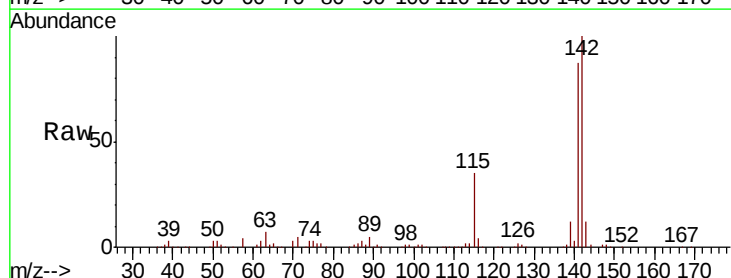


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

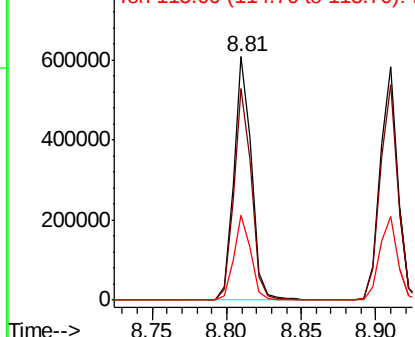
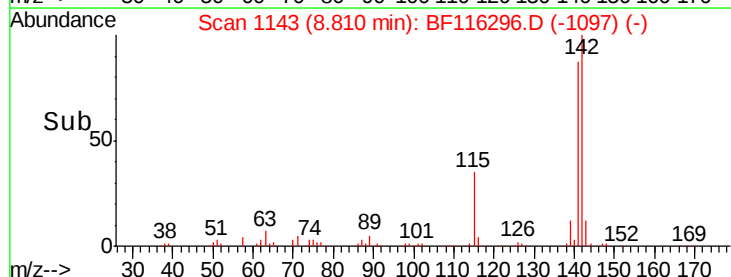


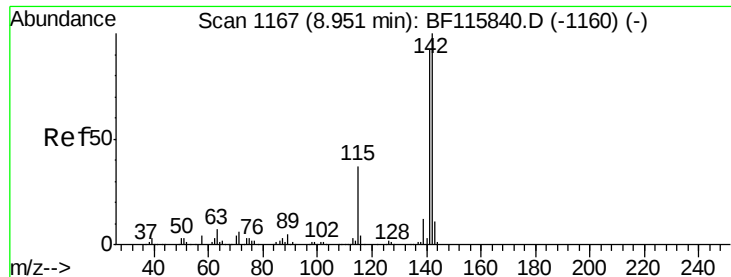
#37
2-Methylnaphthalene
Concen: 48.253 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:142 Resp: 504763
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3
115 34.7 29.0 43.6



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

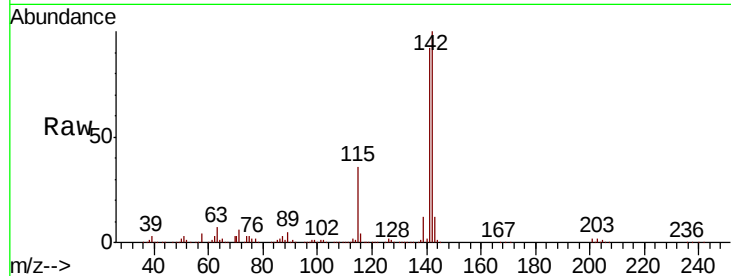




#38
1-Methylnaphthalene
Concen: 47.562 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.4	111.6
116	3.7	3.1	4.7

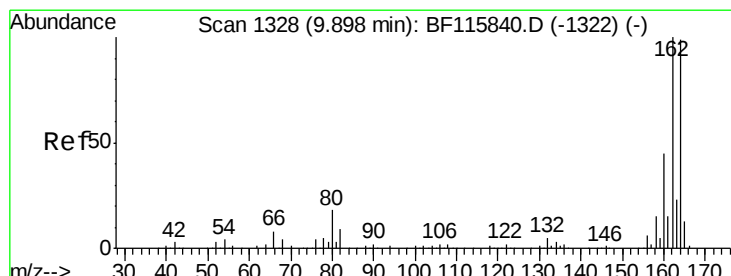
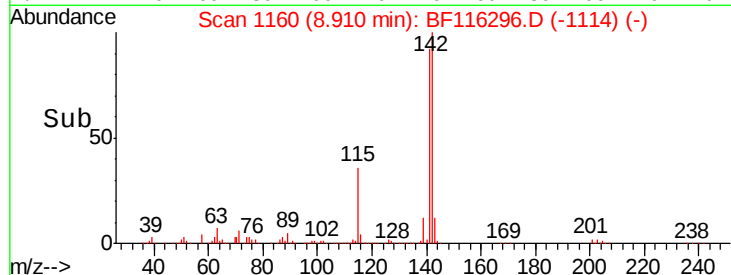
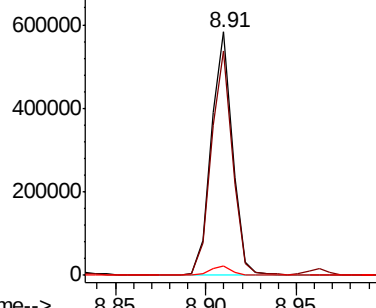


Abundance

Ion 142.00 (141.70 to 142.70): E

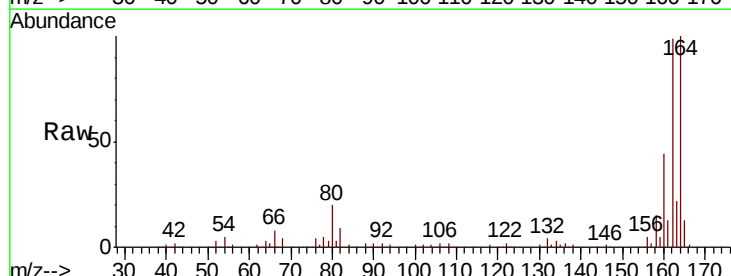
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	124.0
160	44.2	37.6	56.4

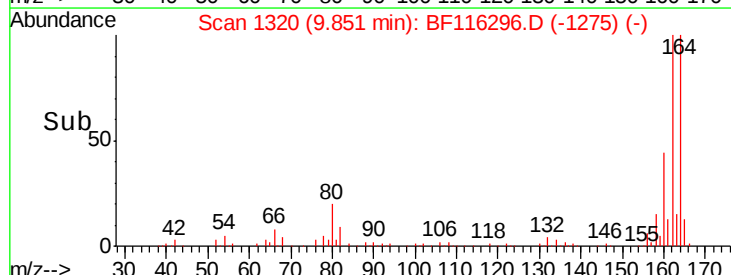
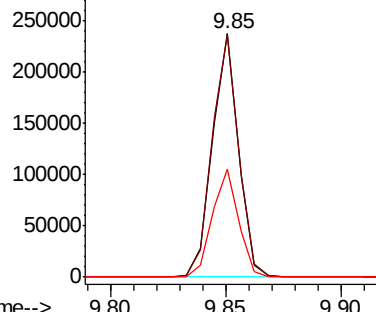


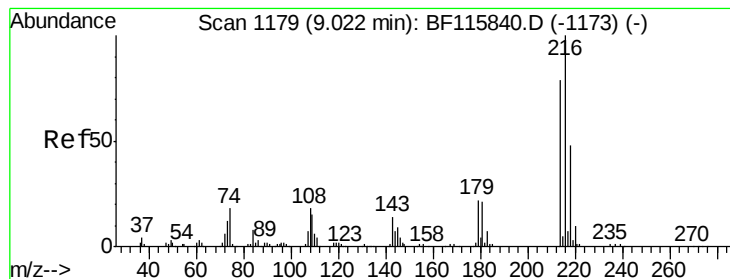
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.733 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 228556

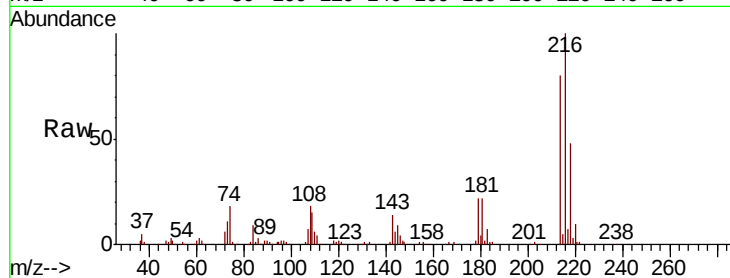
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 21.7 17.8 26.8

108 20.4 16.5 24.7

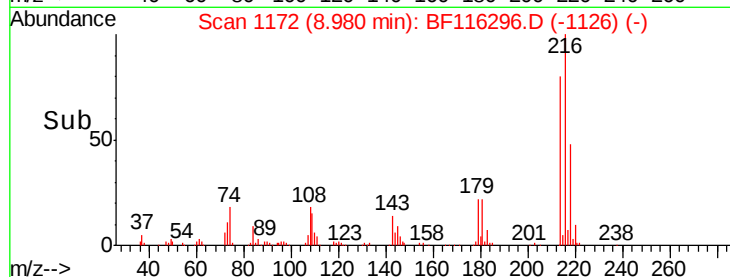


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

8.98

400000

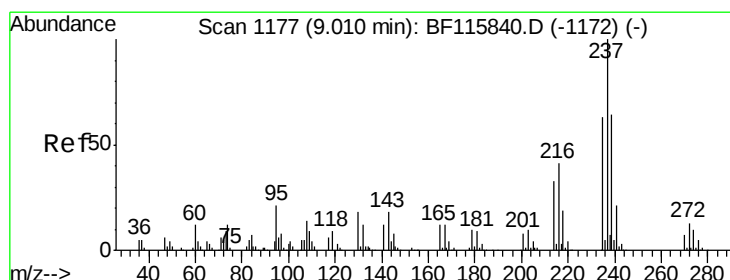
300000

200000

100000

0

Time-->



#41

Hexachlorocyclopentadiene

Concen: 43.088 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

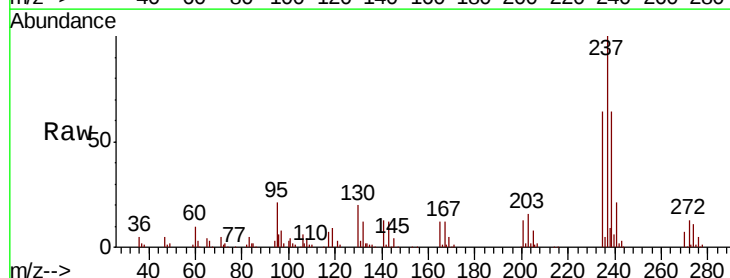
Tgt Ion:237 Resp: 90051

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

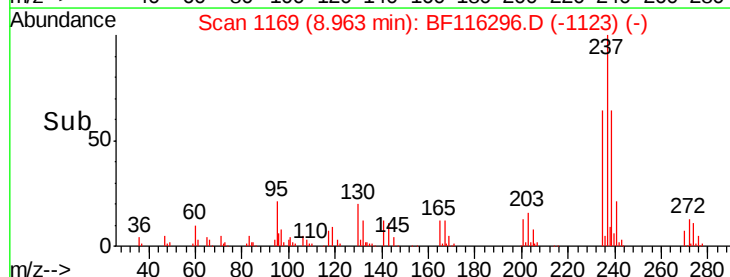
272 13.1 0.0 33.2



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



Abundance

8.96

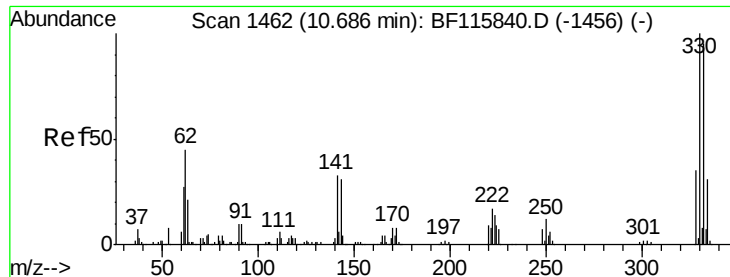
150000

100000

50000

0

Time-->



#42

2,4,6-Tribromophenol

Concen: 132.259 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

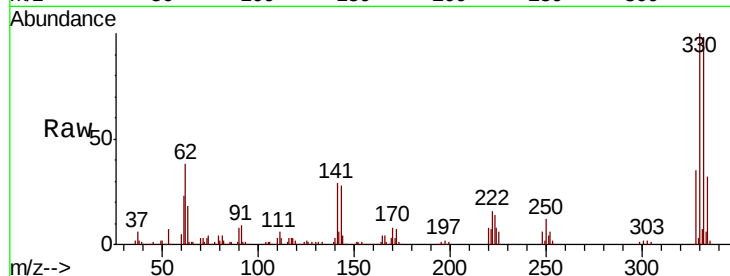
Tot Ion:330 Resp: 239707

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

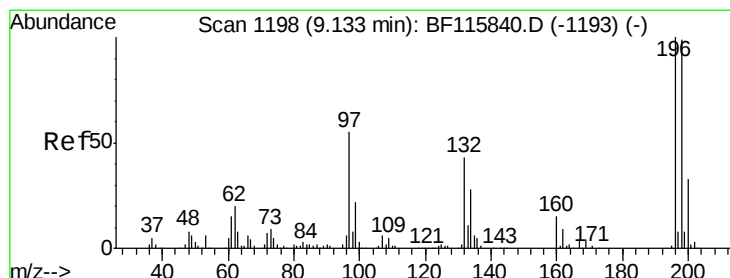
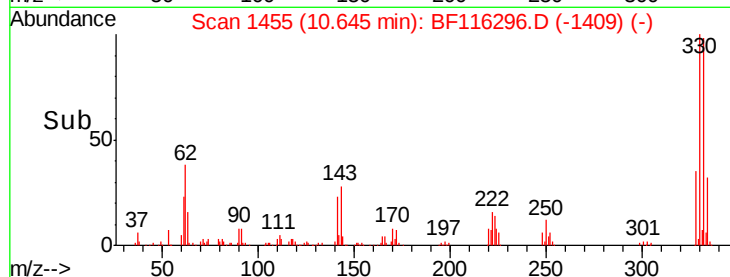
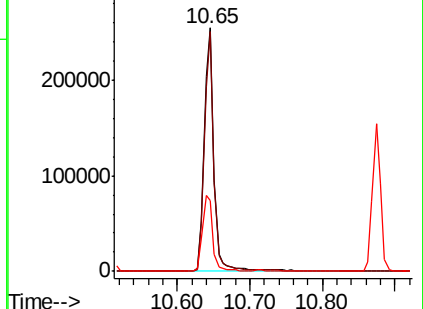
141 33.0 26.3 39.5



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: 41.927 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

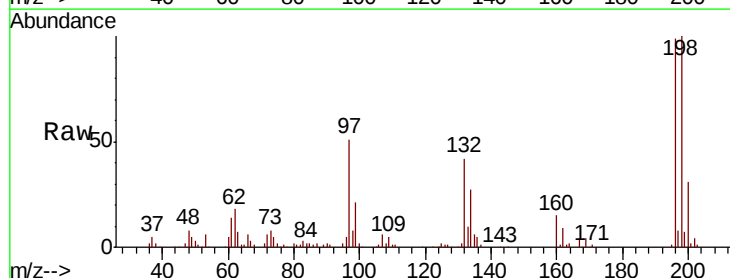
Tgt Ion:196 Resp: 144226

Ion Ratio Lower Upper

196 100

198 100.9 79.2 118.8

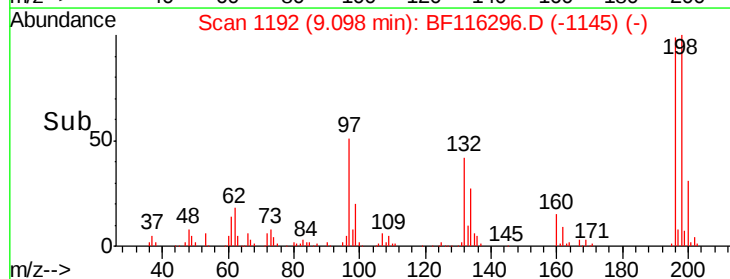
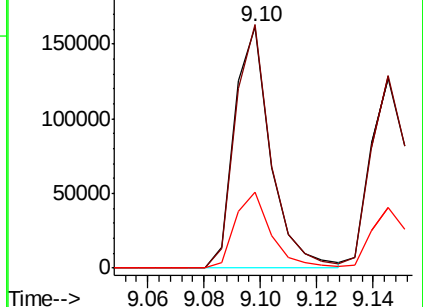
200 31.7 25.2 37.8

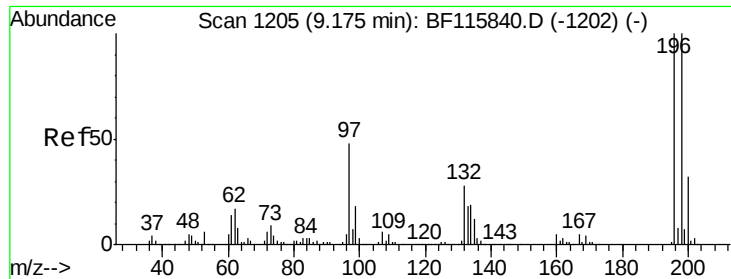


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

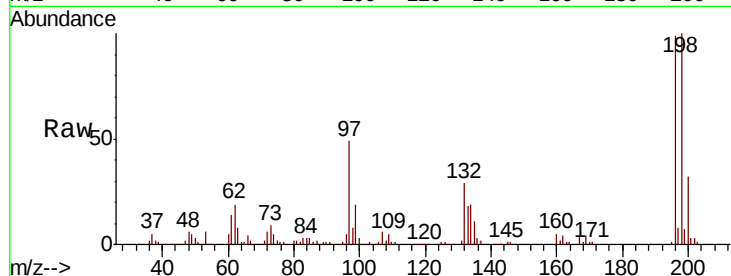




#44
 2,4,5-Trichlorophenol
 Concen: 42.973 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.9	78.8	118.2
97	49.5	42.2	63.4
132	28.9	24.0	36.0



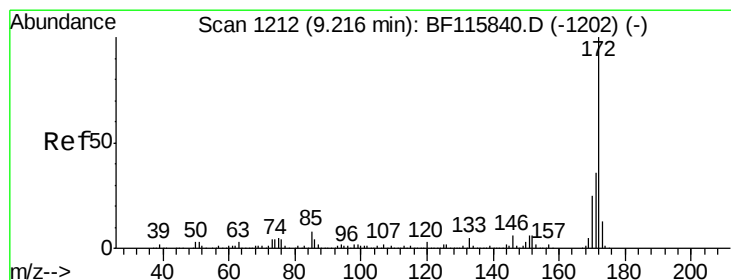
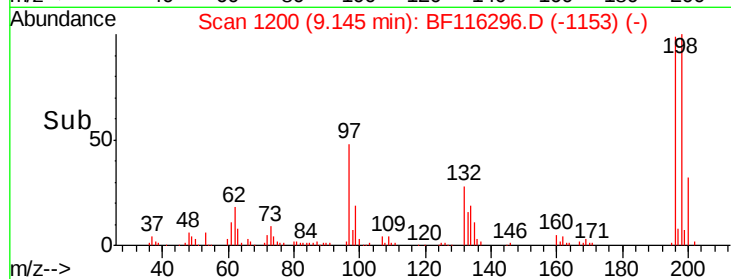
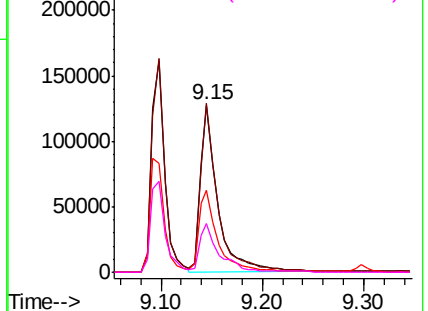
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

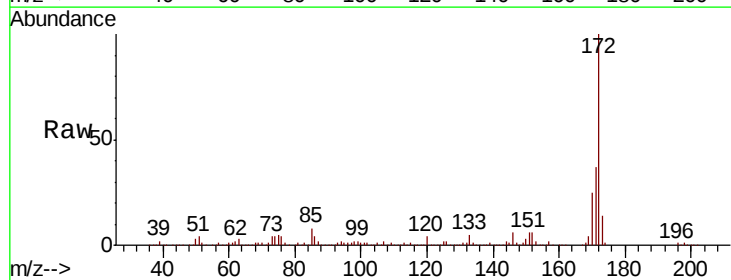
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.429 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.9	20.1	30.1

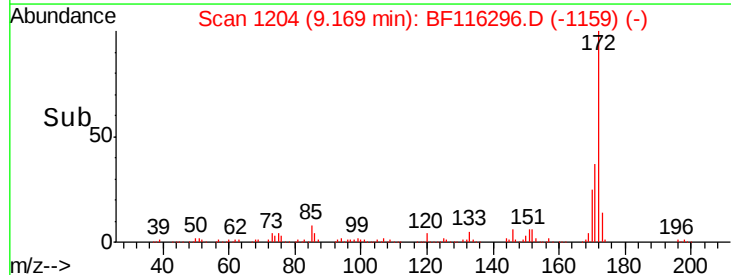
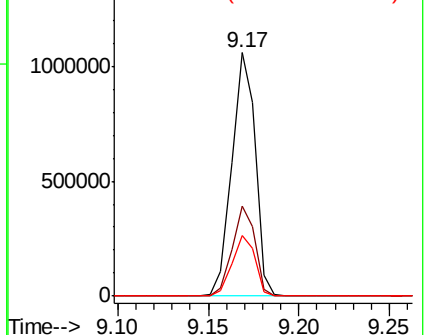


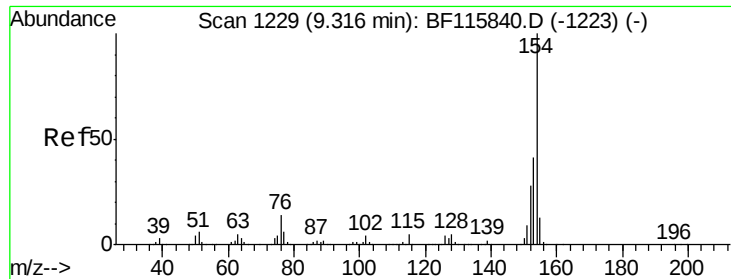
Abundance

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: 47.212 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

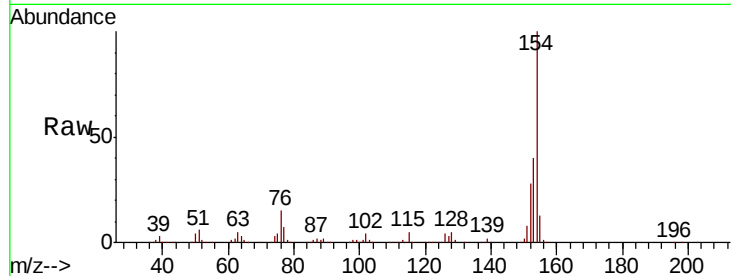
Tot Ion:154 Resp: 623090

Ion Ratio Lower Upper

154 100

153 40.2 21.4 61.4

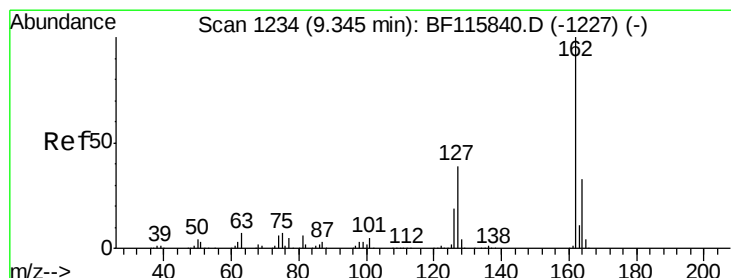
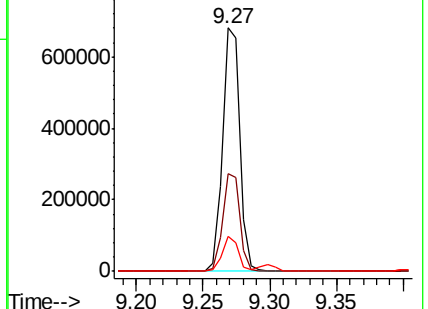
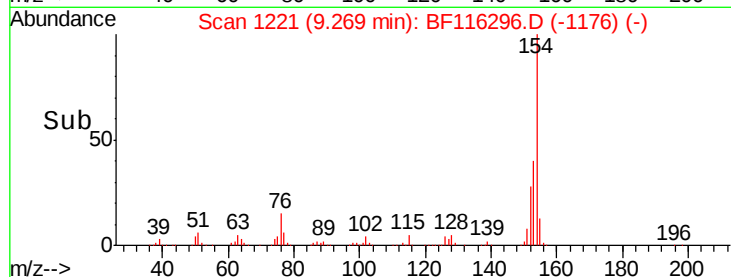
76 14.6 0.0 35.2



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: 43.905 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

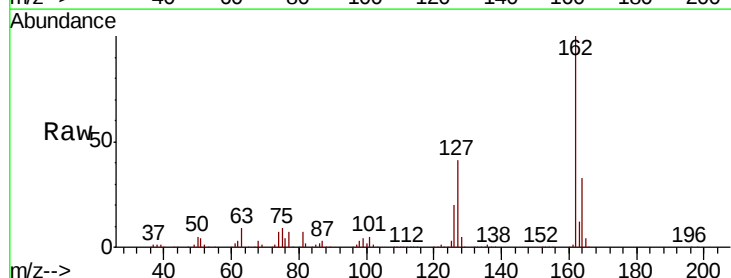
Tgt Ion:162 Resp: 482268

Ion Ratio Lower Upper

162 100

127 40.9 32.8 49.2

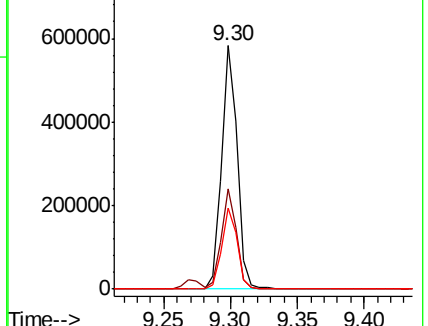
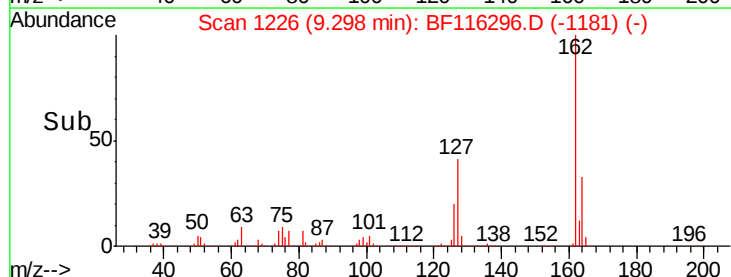
164 33.2 26.6 39.8

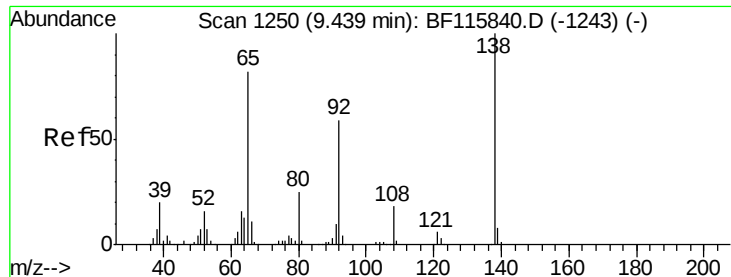


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

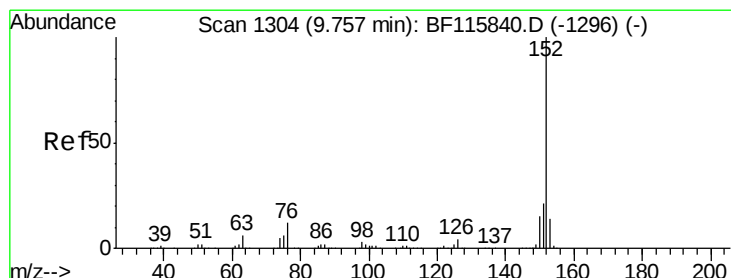
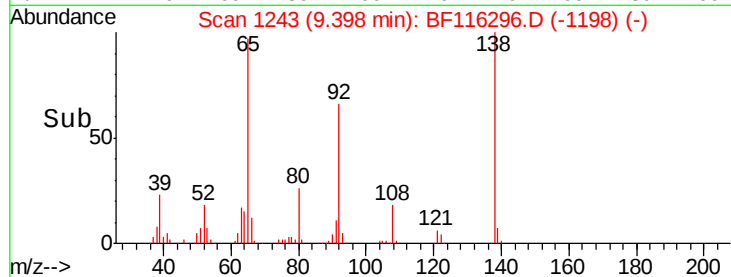
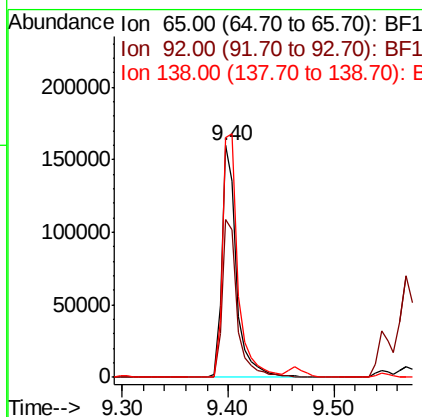
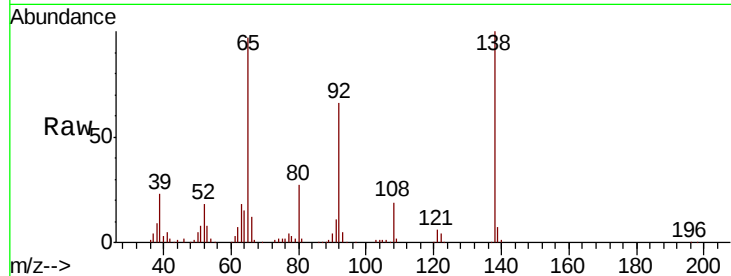




#48
2-Nitroaniline
Concen: 42.942 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

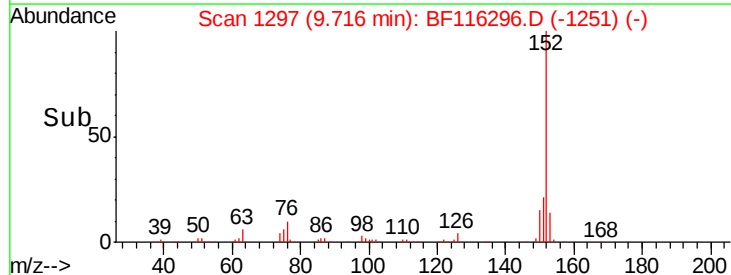
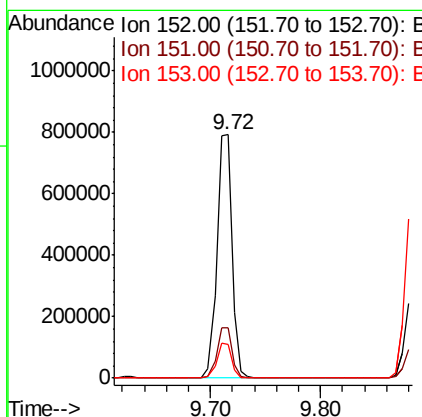
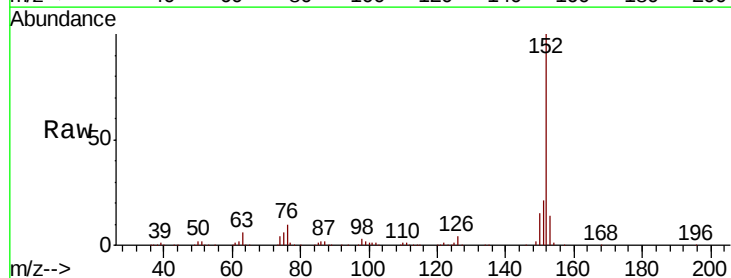
Instrument :
BNA_F
ClientSampleId :

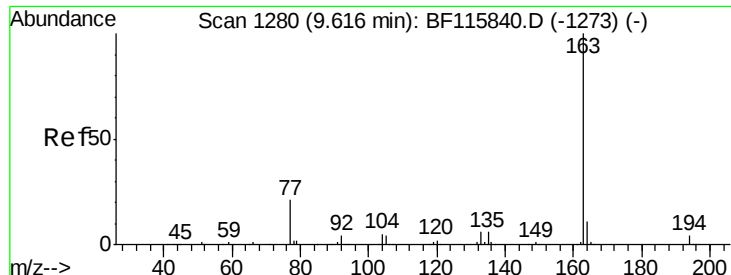
Tot Ion: 65 Resp: 155912
Ion Ratio Lower Upper
65 100
92 67.9 57.8 86.8
138 103.2 94.0 141.0



#49
Acenaphthylene
Concen: 46.950 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion: 152 Resp: 752378
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.7 11.8 17.8

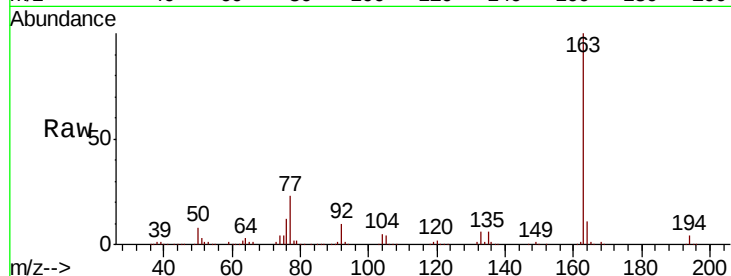




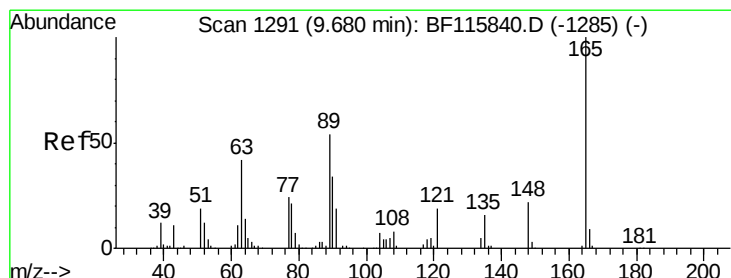
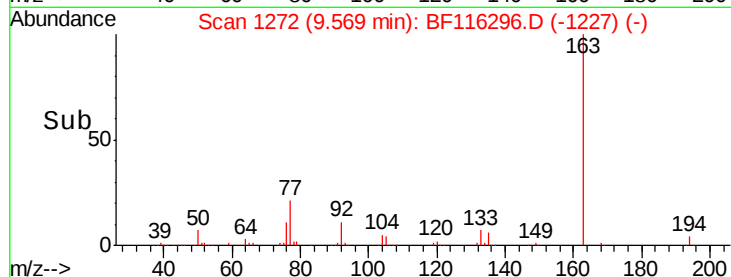
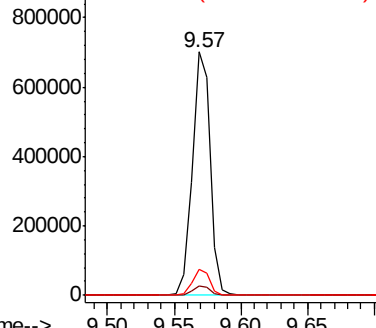
#50
Dimethylphthalate
Concen: 52.369 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.4	12.6

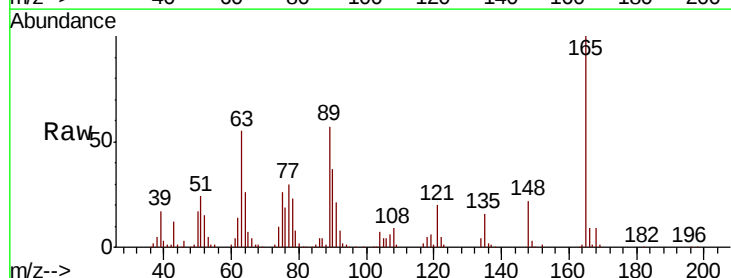


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

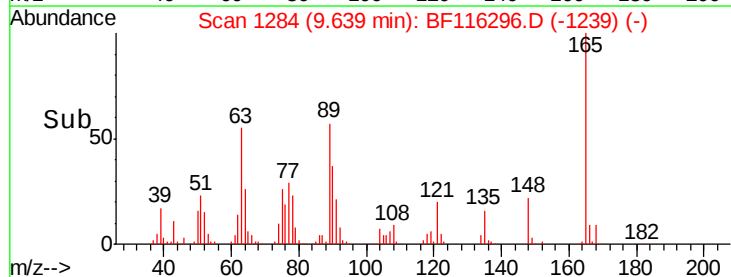
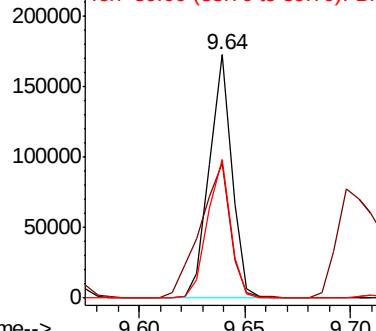


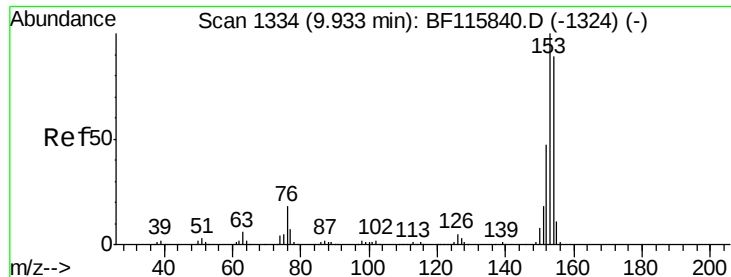
#51
2,6-Dinitrotoluene
Concen: 46.063 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	38.2	57.2
89	57.0	42.9	64.3



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: 46.460 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

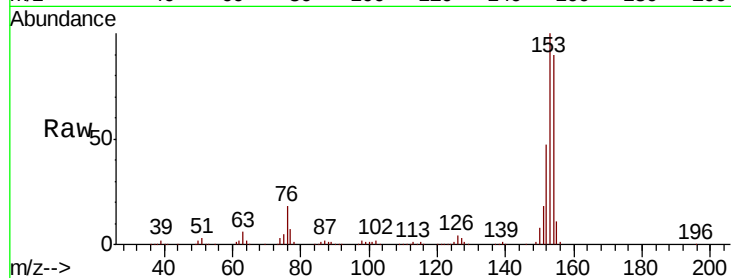
Tot Ion:154 Resp: 456757

Ion Ratio Lower Upper

154 100

153 111.5 89.4 134.0

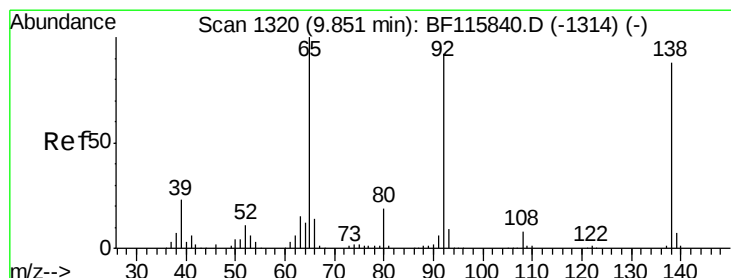
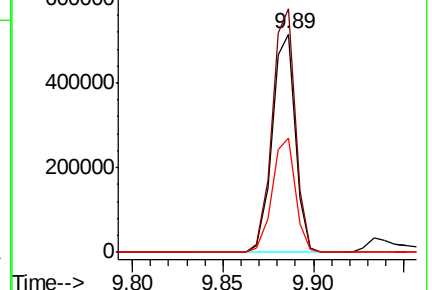
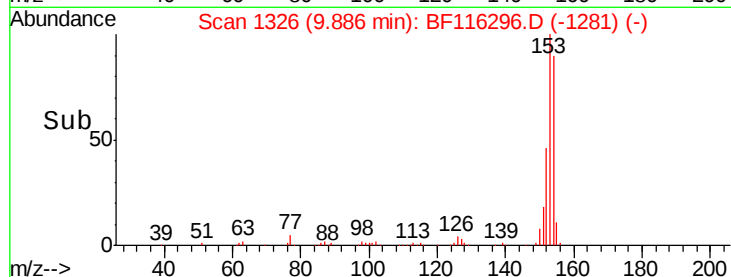
152 52.2 42.3 63.5



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: 28.526 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

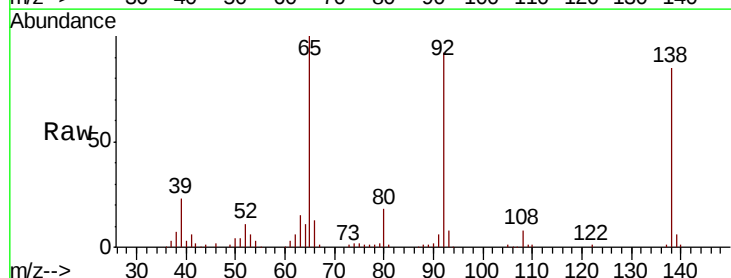
Tgt Ion:138 Resp: 97498

Ion Ratio Lower Upper

138 100

108 9.5 8.0 12.0

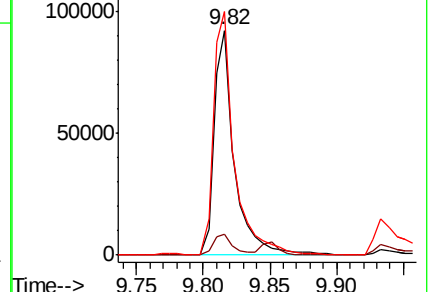
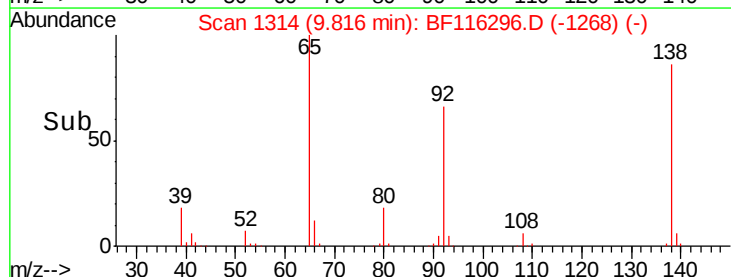
92 108.3 91.0 136.6

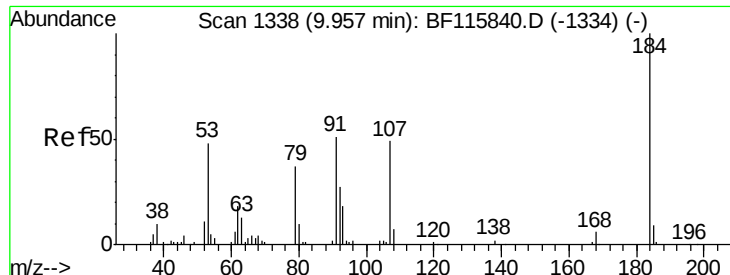


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

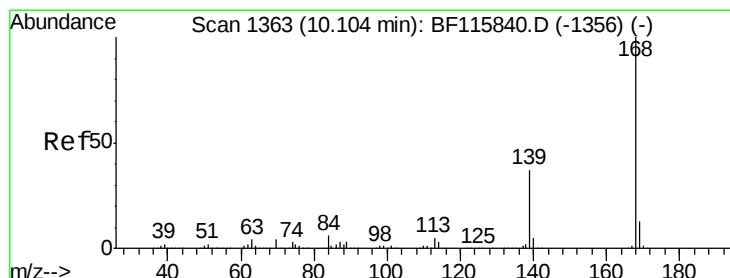
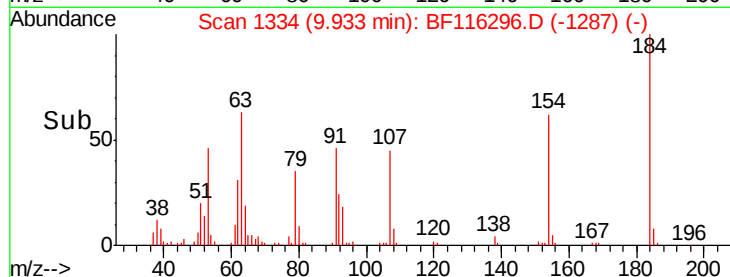
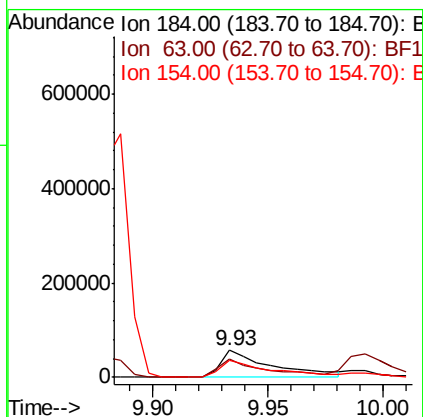
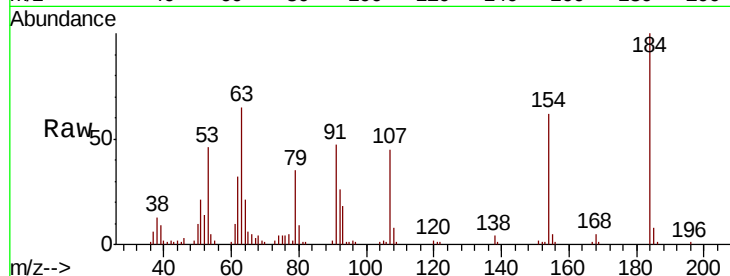




#54
 2,4-Dinitrophenol
 Concen: 62.503 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

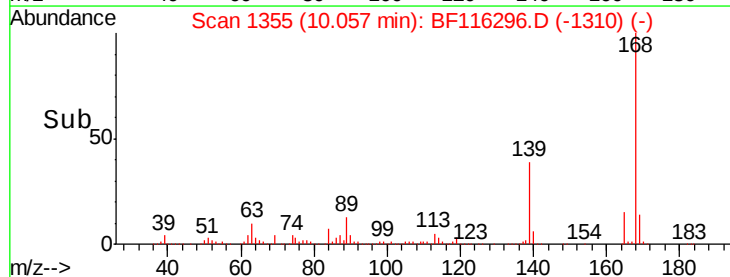
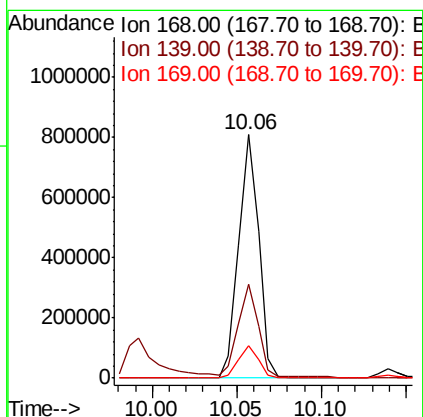
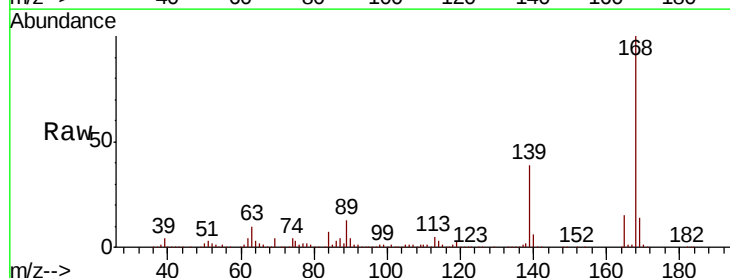
Instrument :
 BNA_F
 ClientSampleId :

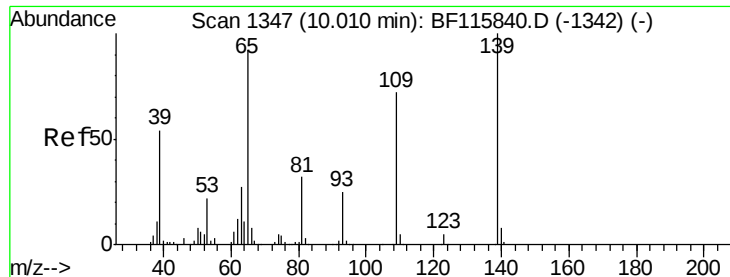
Tot Ion:184 Resp: 85270
 Ion Ratio Lower Upper
 184 100
 63 65.5 53.0 79.4
 154 62.2 50.1 75.1



#55
 Dibenzofuran
 Concen: 46.642 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion:168 Resp: 666852
 Ion Ratio Lower Upper
 168 100
 139 38.8 31.4 47.2
 169 13.5 10.9 16.3

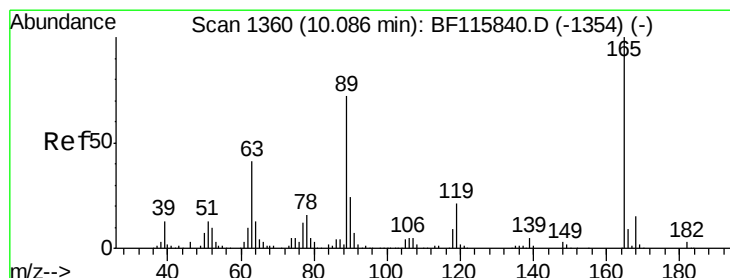
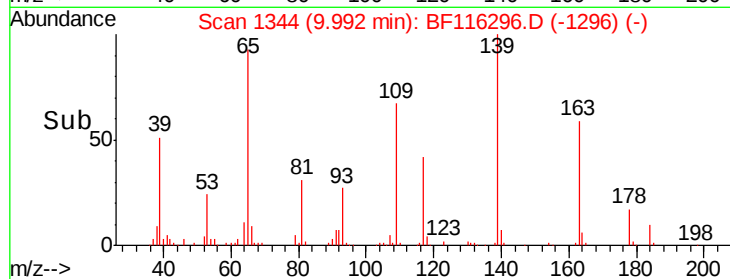
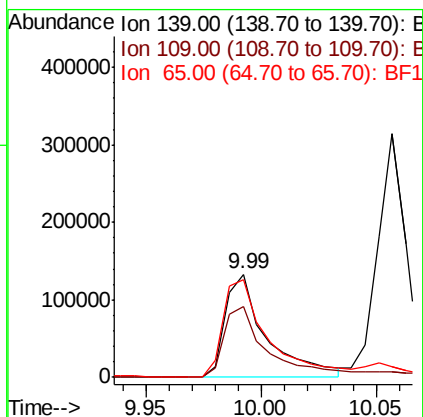
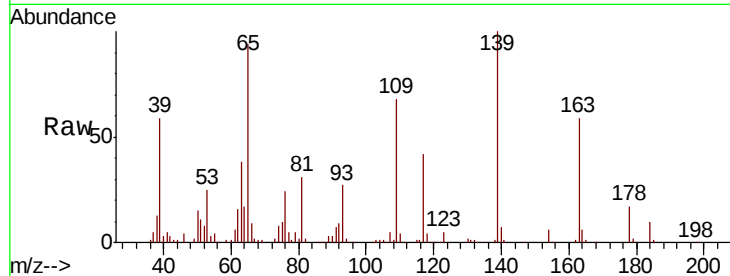




#56
4-Nitrophenol
Concen: 75.973 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

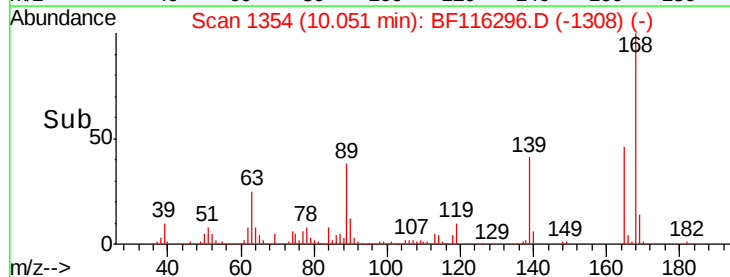
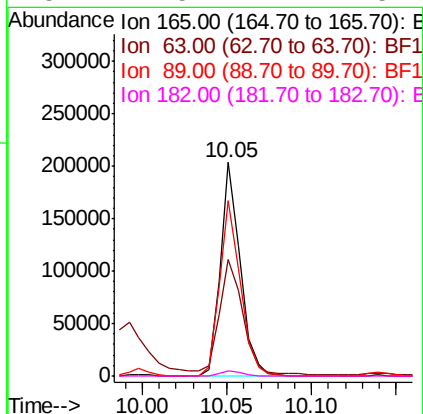
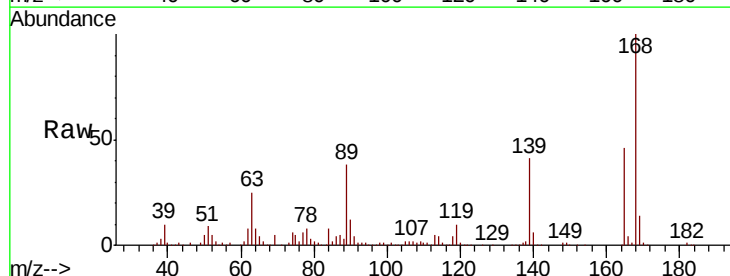
Instrument :
BNA_F
ClientSampleId :

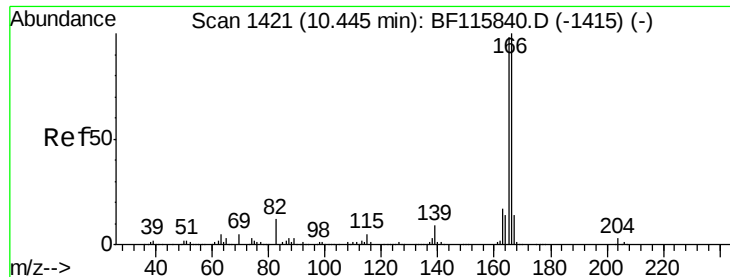
Tot Ion:139 Resp: 166341
Ion Ratio Lower Upper
139 100
109 68.2 54.4 94.4
65 94.0 80.6 120.6



#57
2,4-Dinitrotoluene
Concen: 45.699 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:165 Resp: 168302
Ion Ratio Lower Upper
165 100
63 54.5 39.6 59.4
89 82.2 62.2 93.2
182 2.5 2.1 3.1





#58

Fluorene

Concen: 49.433 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

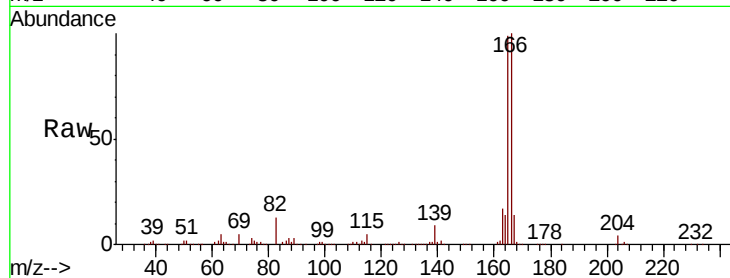
Tot Ion:166 Resp: 543753

Ion Ratio Lower Upper

166 100

165 99.3 78.4 117.6

167 13.9 11.0 16.4

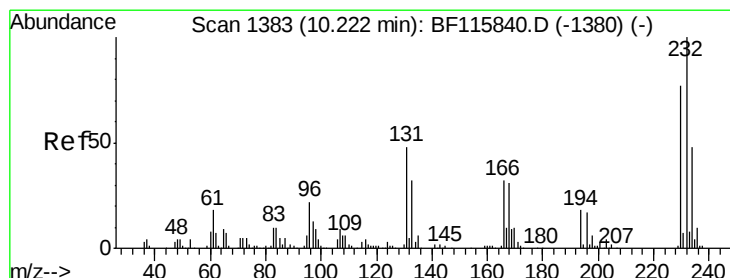
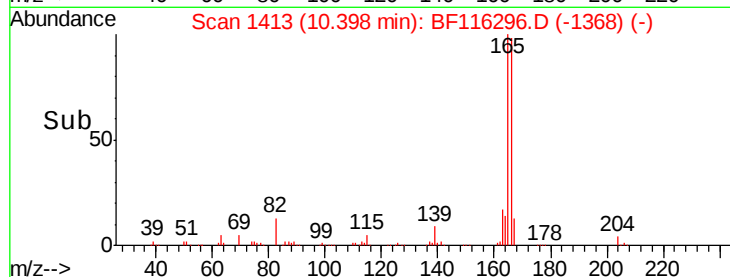
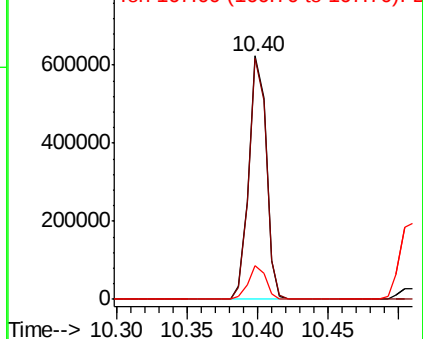


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.576 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Tgt Ion:232 Resp: 139336

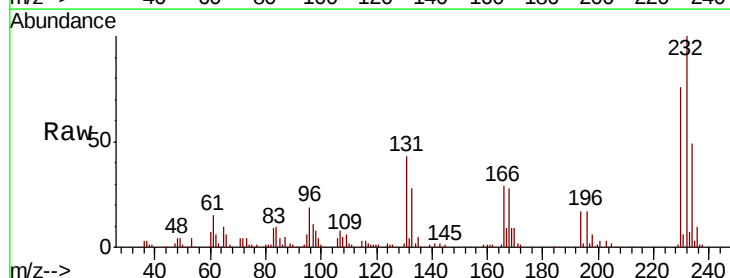
Ion Ratio Lower Upper

232 100

131 44.4 36.2 54.2

130 2.1 1.9 2.9

166 28.3 23.0 34.4



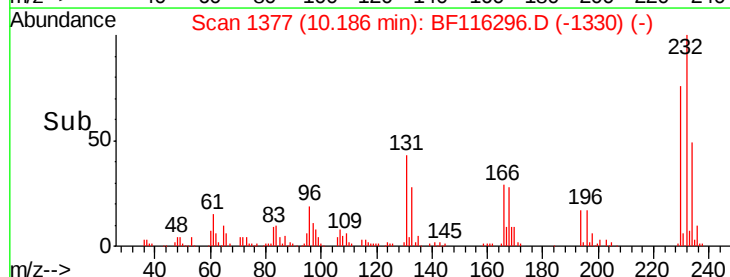
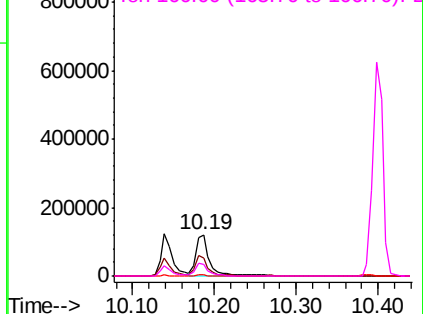
Abundance

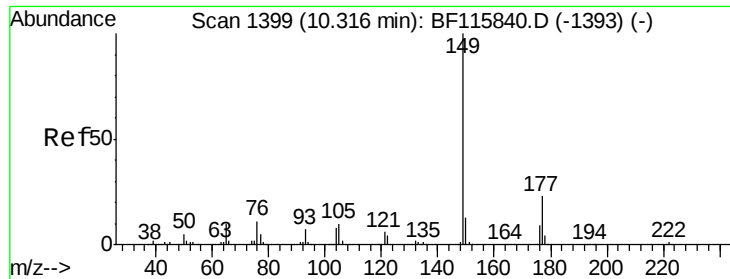
Ion 232.00 (231.70 to 232.70): E

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

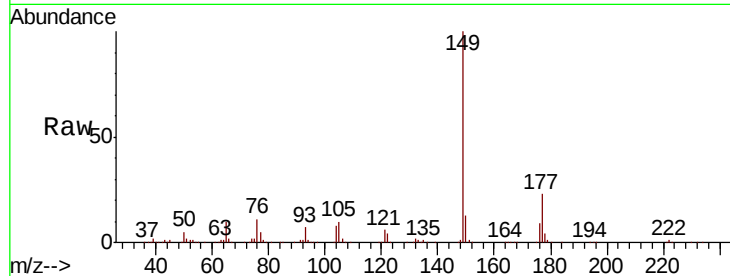




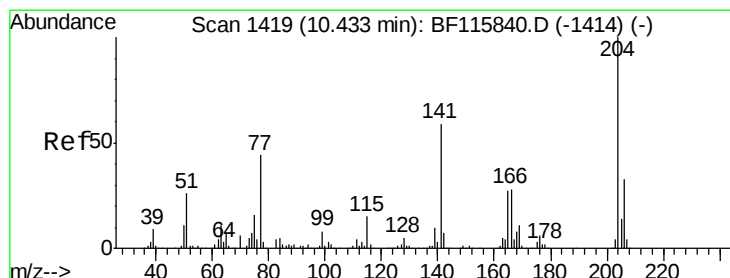
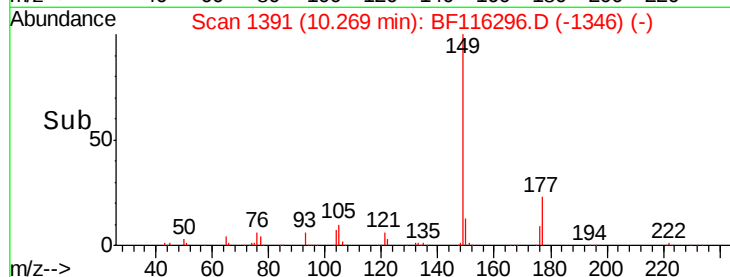
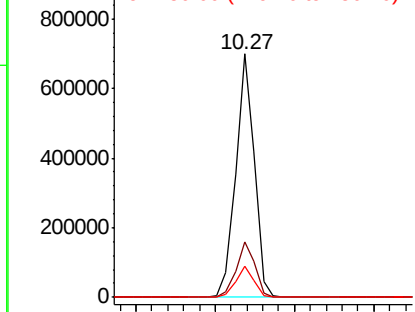
#60
Diethylphthalate
Concen: 47.689 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 566712
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 12.6 10.2 15.4

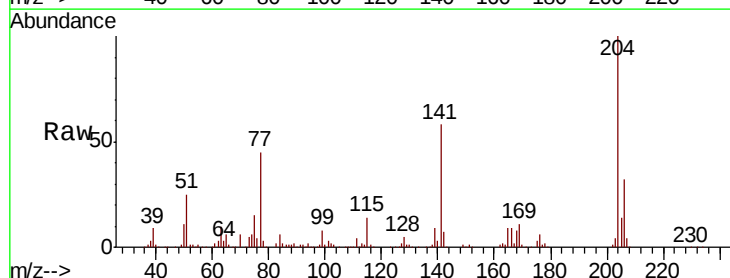


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

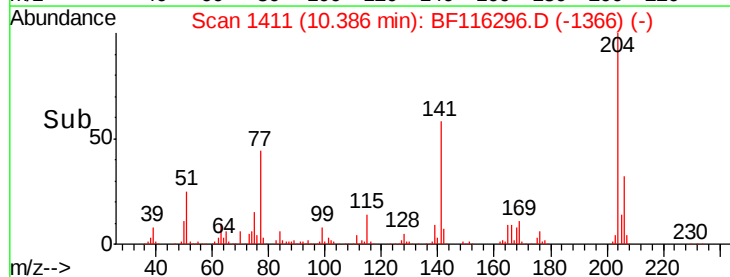
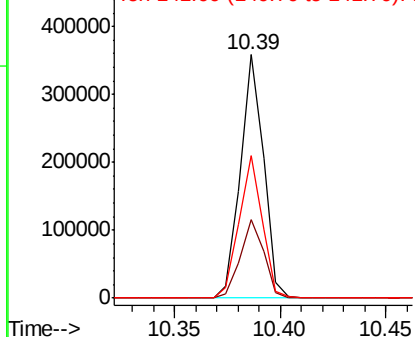


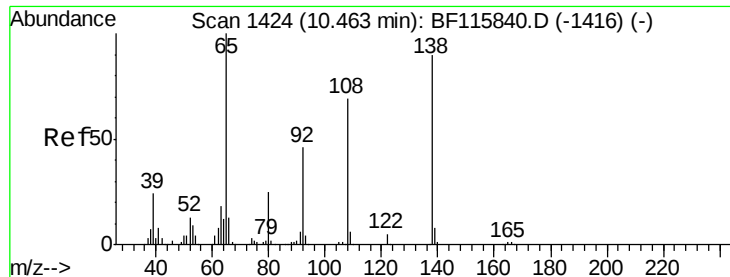
#61
4-Chlorophenyl-phenylether
Concen: 48.678 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:204 Resp: 271182
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 58.4 46.4 69.6



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





#62

4-Nitroaniline

Concen: 40.782 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampled :

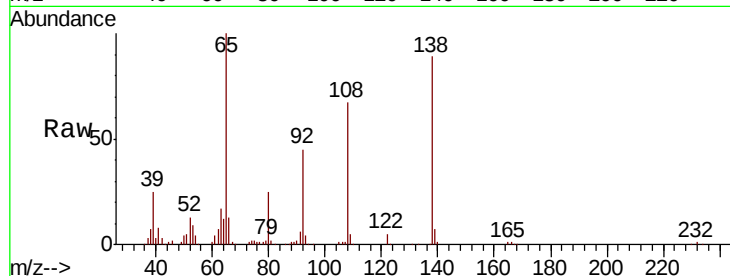
Tot Ion:138 Resp: 144049

Ion Ratio Lower Upper

138 100

92 50.9 29.0 69.0

108 75.7 54.7 94.7

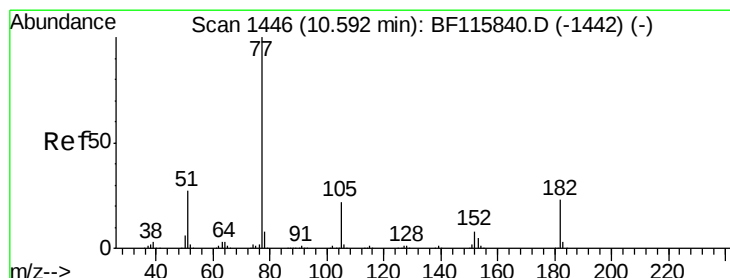
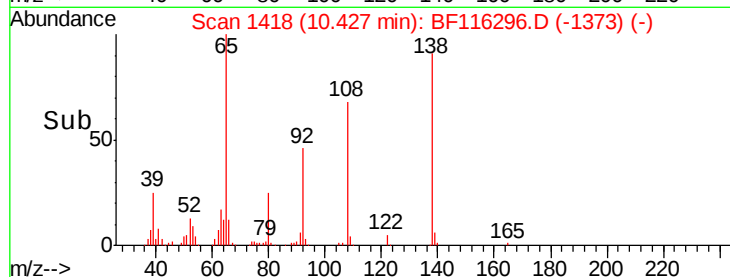
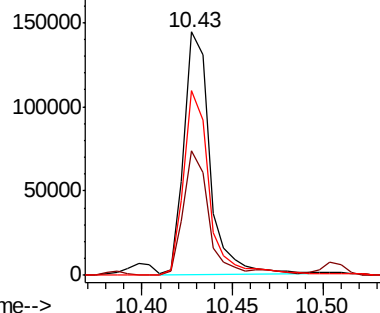


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 48.027 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Tgt Ion: 77 Resp: 587024

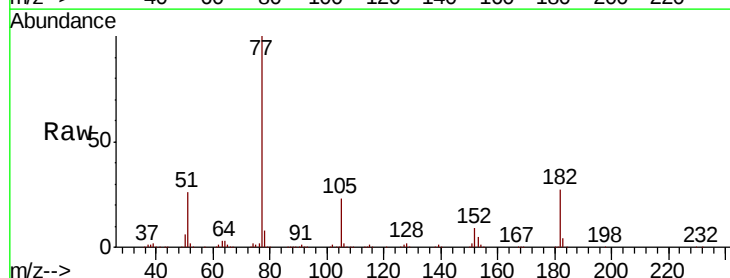
Ion Ratio Lower Upper

77 100

182 27.3 4.0 44.0

105 22.7 2.0 42.0

51 25.8 7.5 47.5



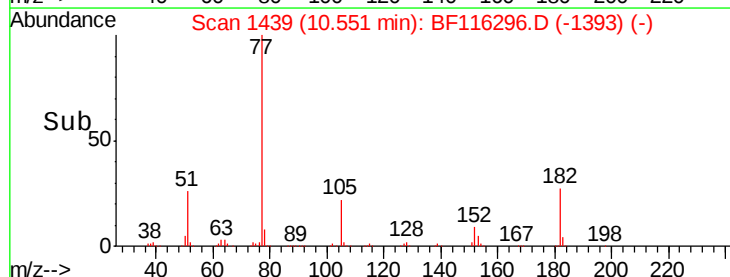
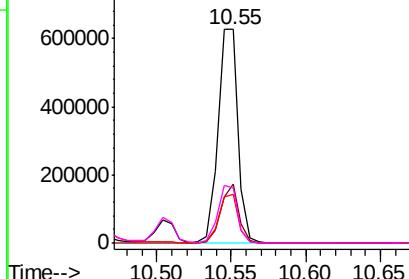
Abundance

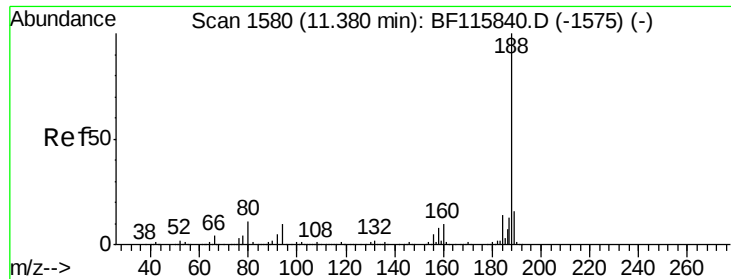
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

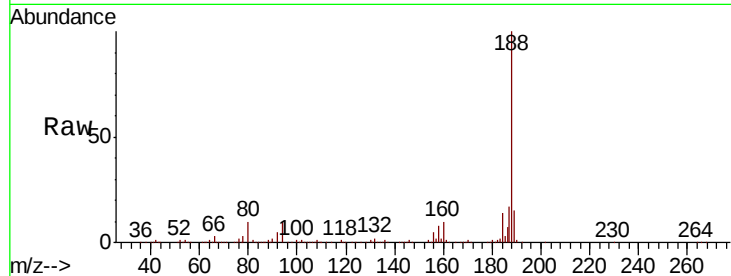
Tot Ion:188 Resp: 340795

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

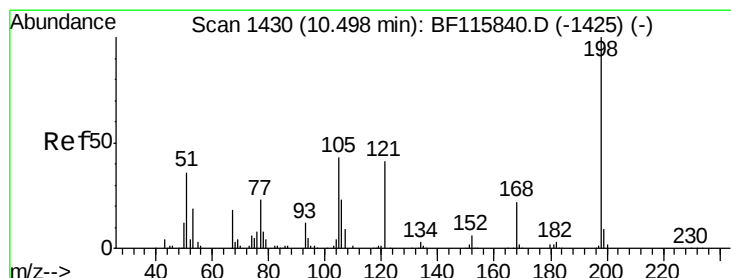
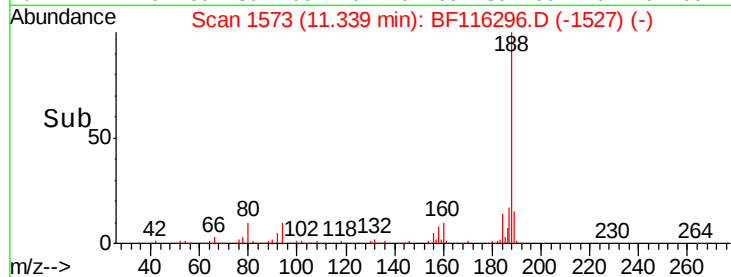
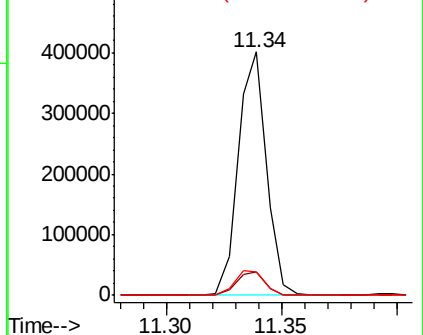
80 9.9 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 43.934 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

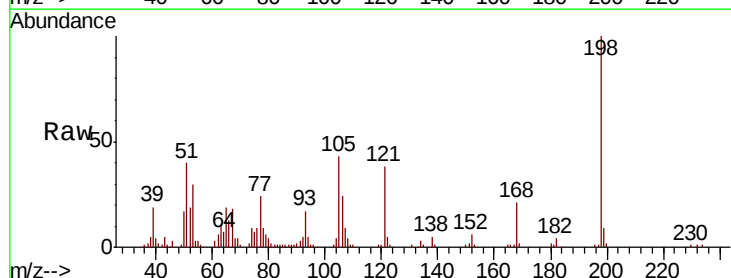
Tgt Ion:198 Resp: 79344

Ion Ratio Lower Upper

198 100

51 39.8 17.0 57.0

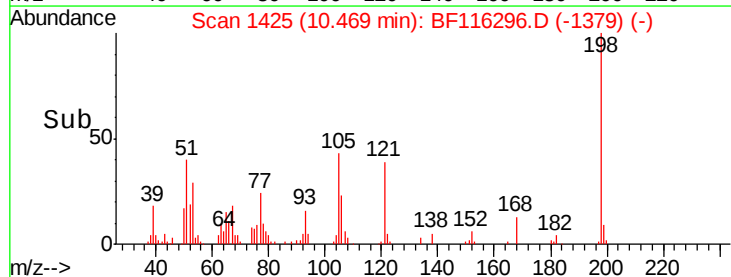
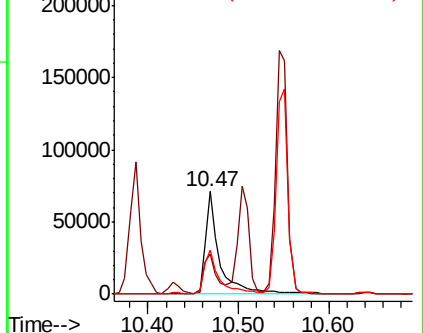
105 42.6 21.6 61.6

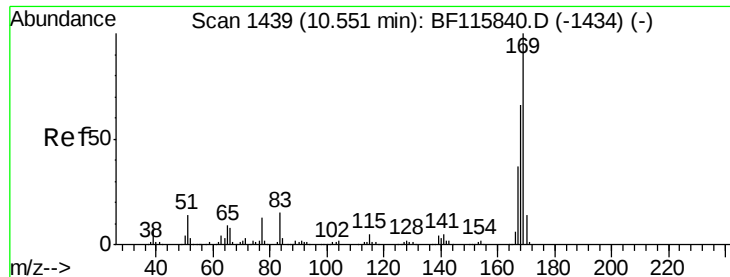


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

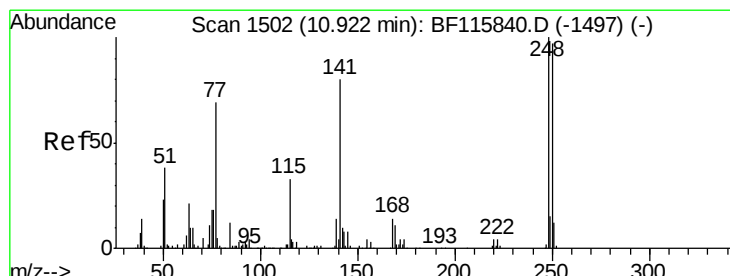
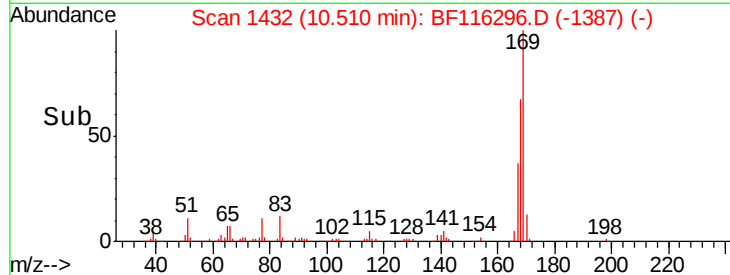
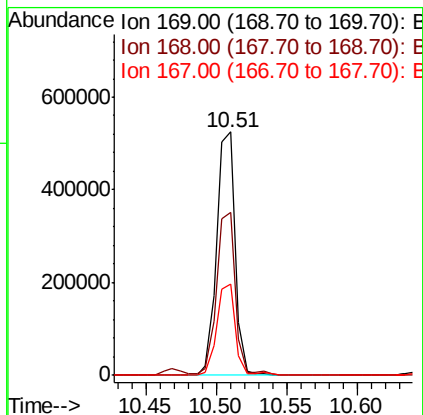
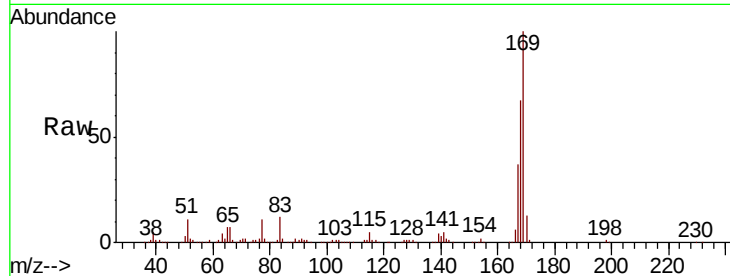




#66
 n-Nitrosodiphenylamine
 Concen: 46.547 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

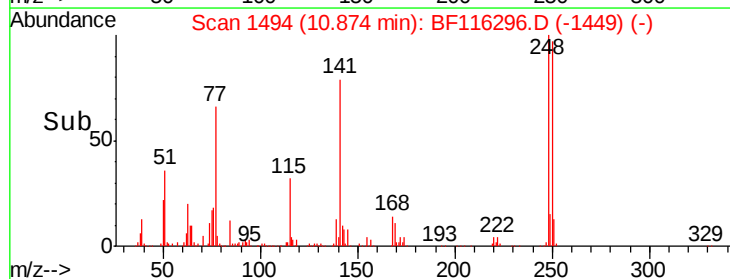
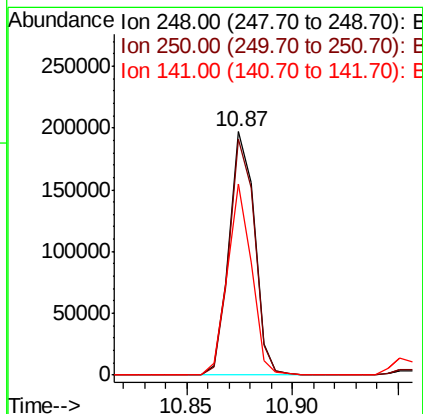
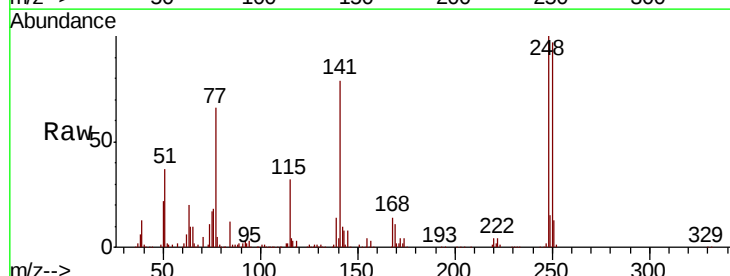
Instrument :
 BNA_F
 ClientSampleId :

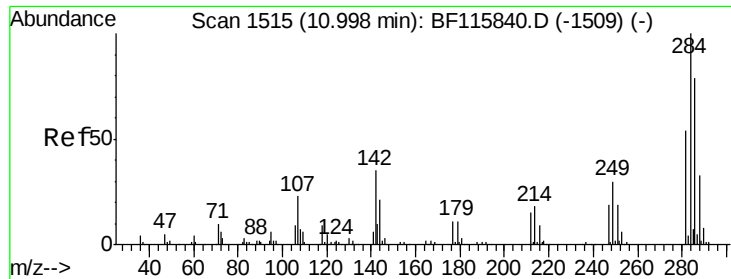
Tot Ion:169 Resp: 477463
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 37.3 29.6 44.4



#67
 4-Bromophenyl-phenylether
 Concen: 44.988 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion:248 Resp: 164124
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.4 116.2
 141 78.7 56.8 85.2

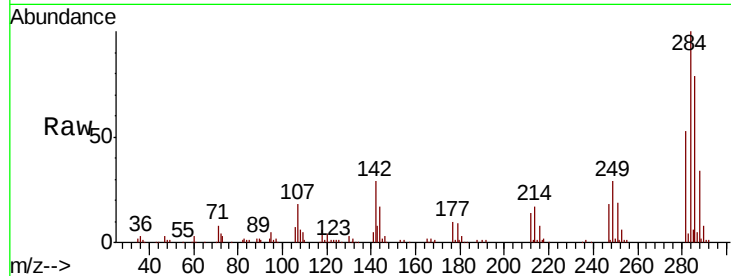




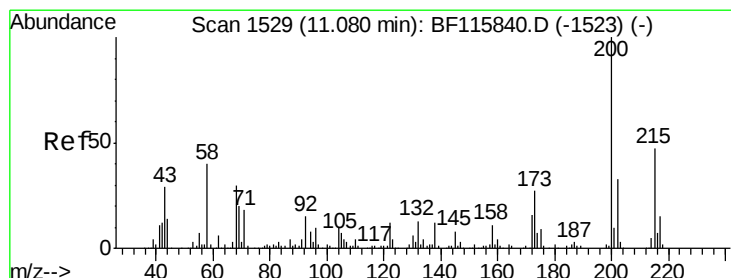
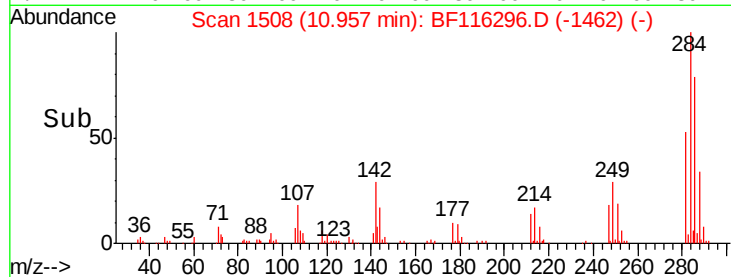
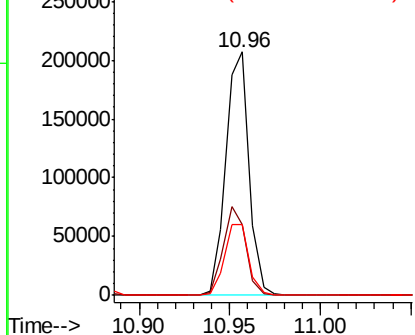
#68
Hexachlorobenzene
Concen: 43.931 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 185325
Ion Ratio Lower Upper
284 100
142 29.2 28.4 42.6
249 29.2 24.5 36.7

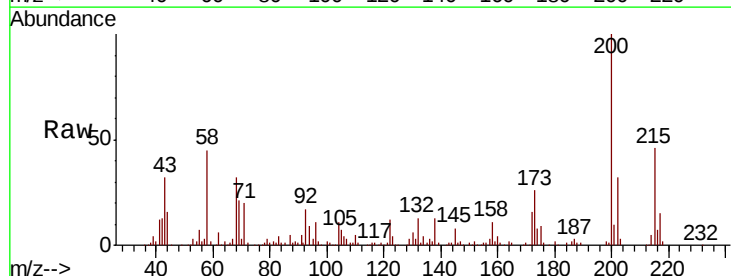


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

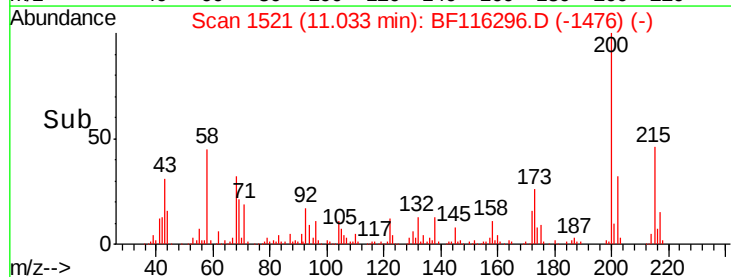
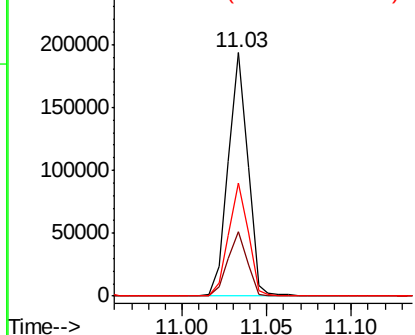


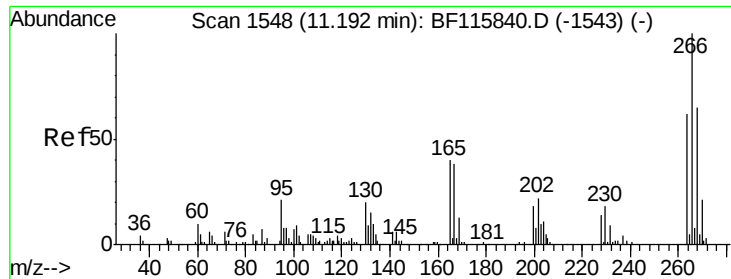
#69
Atrazine
Concen: 46.231 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:200 Resp: 156009
Ion Ratio Lower Upper
200 100
173 26.4 6.8 46.8
215 46.2 27.5 67.5



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

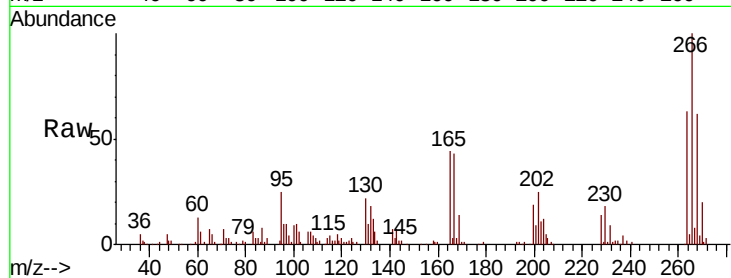




#70
 Pentachlorophenol
 Concen: 71.443 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	48.8	73.2
264	63.2	50.6	76.0

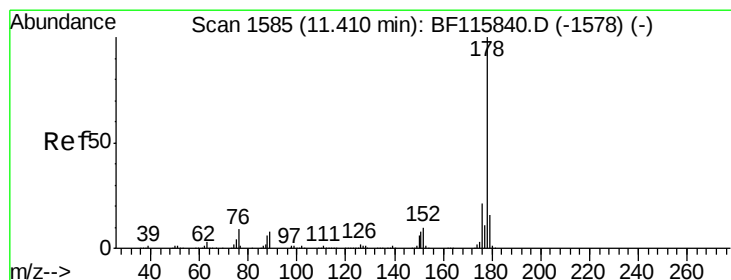
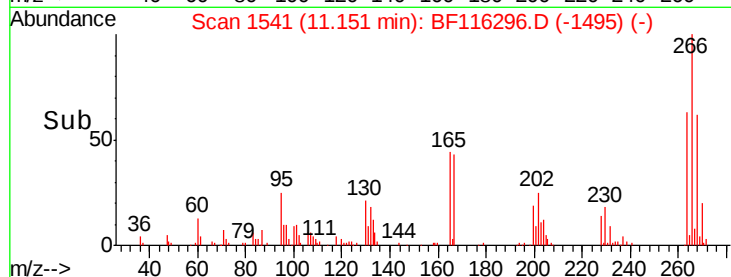
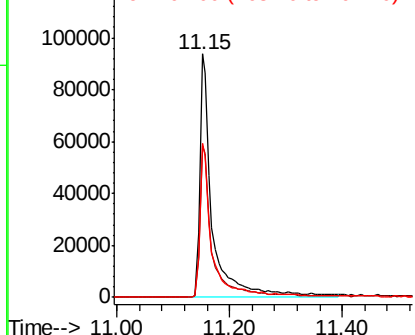


Abundance

Ion 265.70 (265.40 to 266.40): E

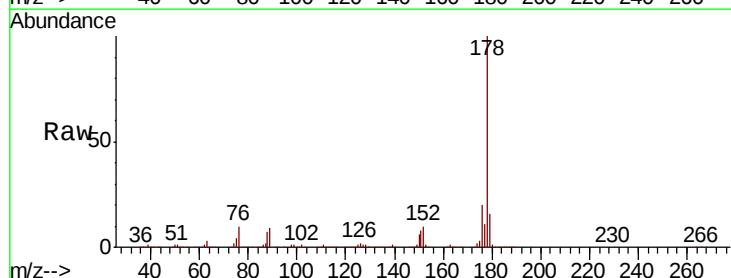
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 47.442 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	15.7	12.5	18.7

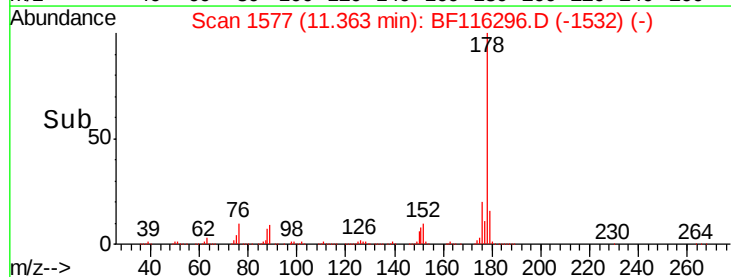
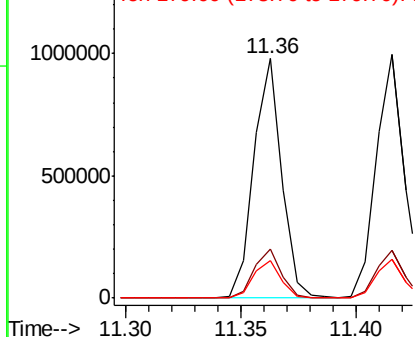


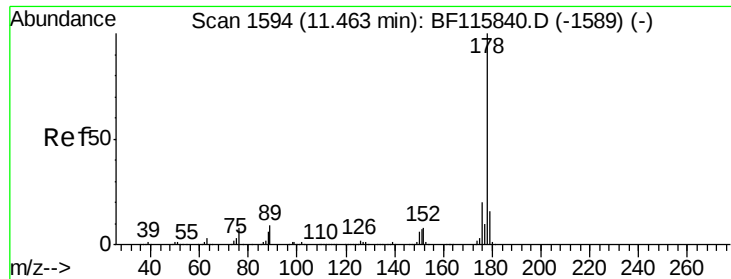
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 48.972 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampled :

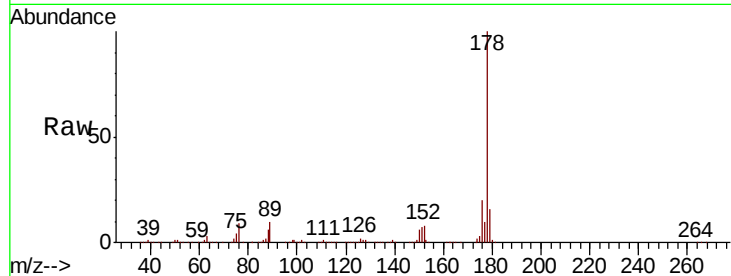
Tot Ion:178 Resp: 863483

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

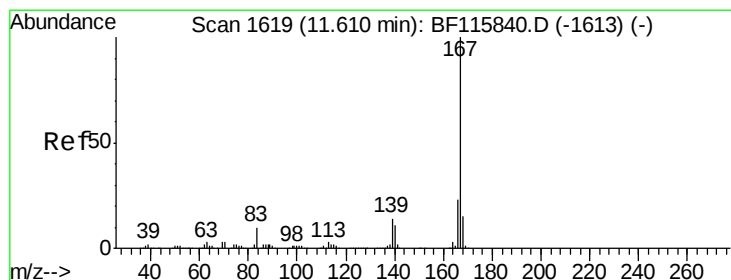
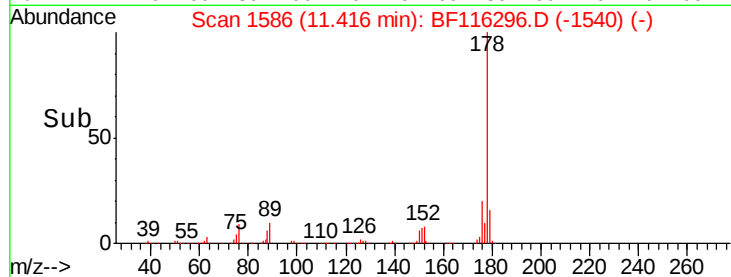
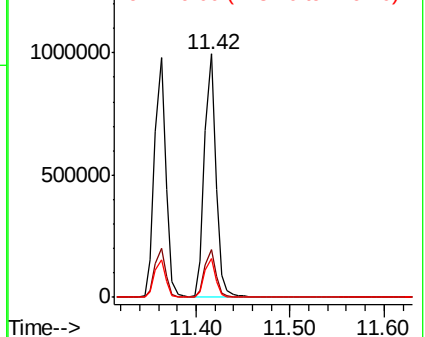
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 49.486 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

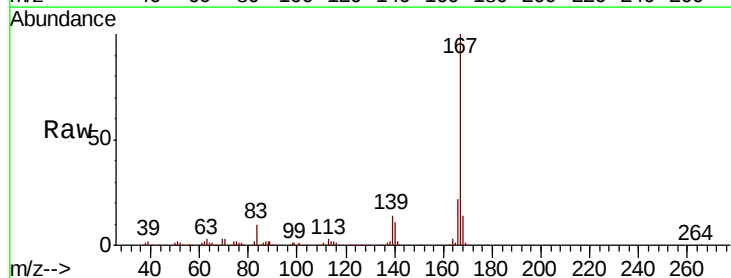
Tgt Ion:167 Resp: 791609

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

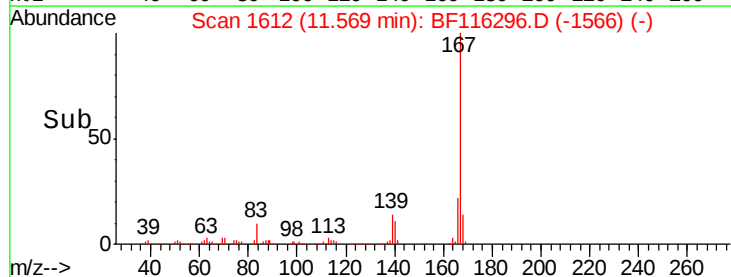
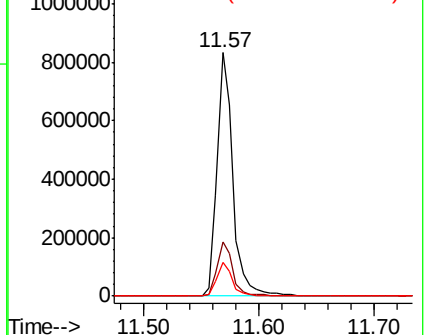
139 13.7 11.4 17.0

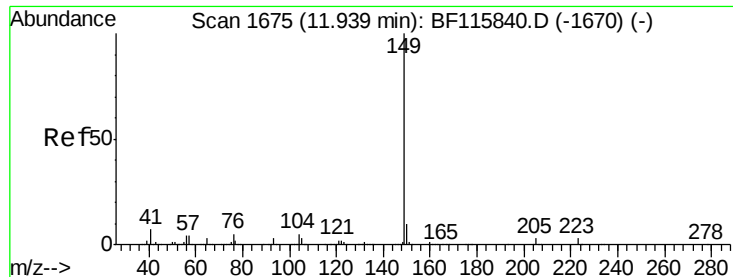


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 51.340 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampled :

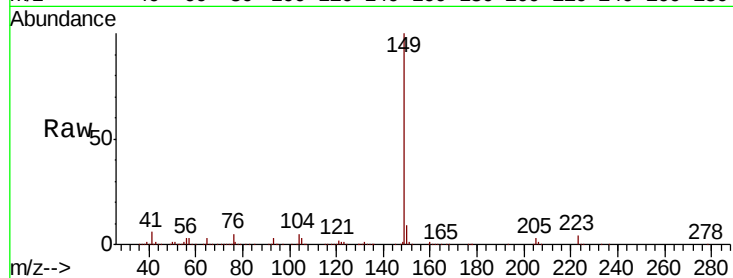
Tot Ion:149 Resp: 958038

Ion Ratio Lower Upper

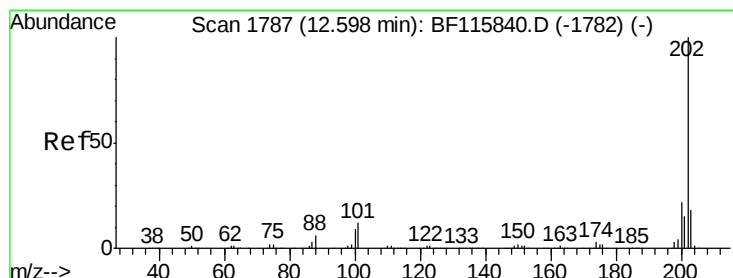
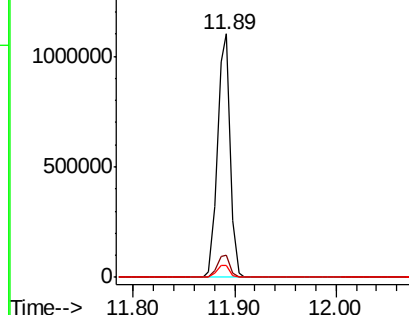
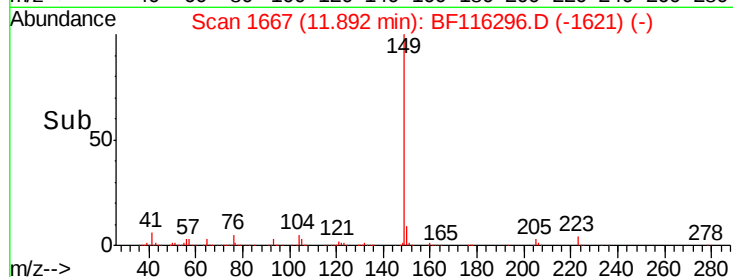
149 100

150 9.2 8.0 12.0

104 4.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 50.797 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

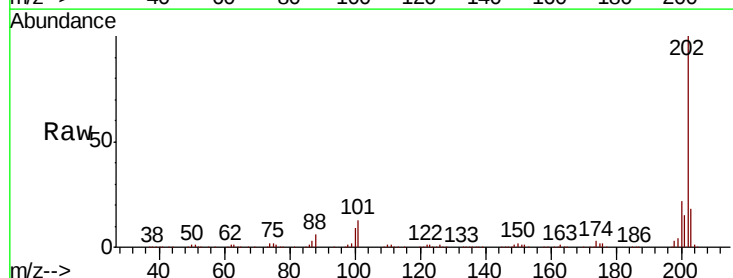
Tgt Ion:202 Resp: 926493

Ion Ratio Lower Upper

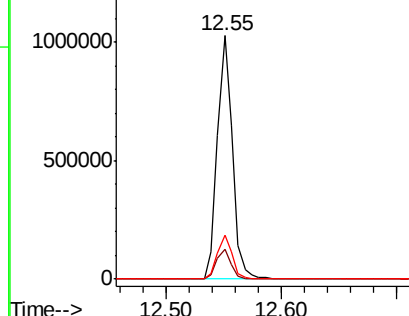
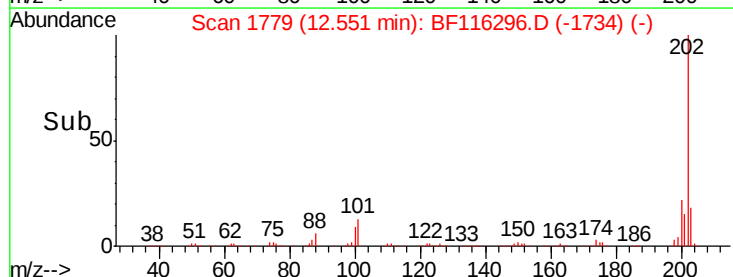
202 100

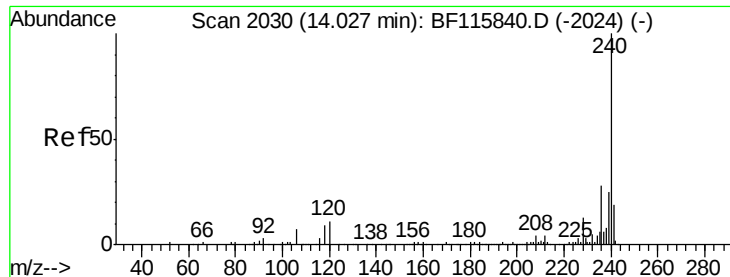
101 12.5 0.0 31.2

203 18.3 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

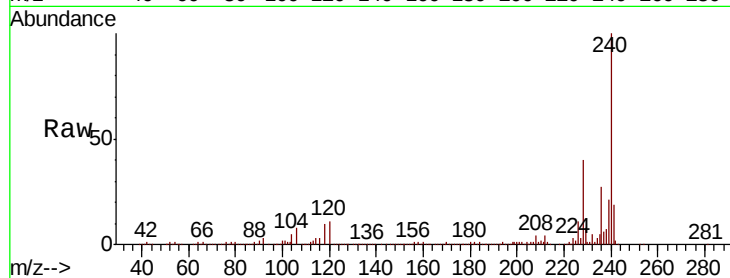




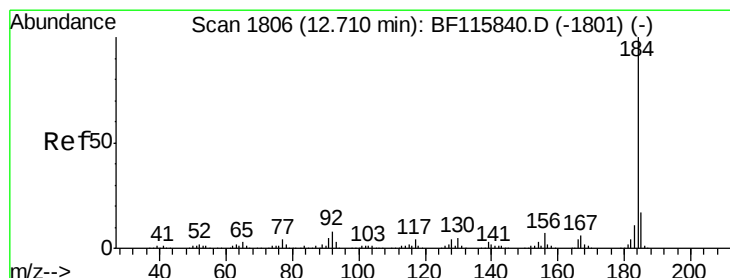
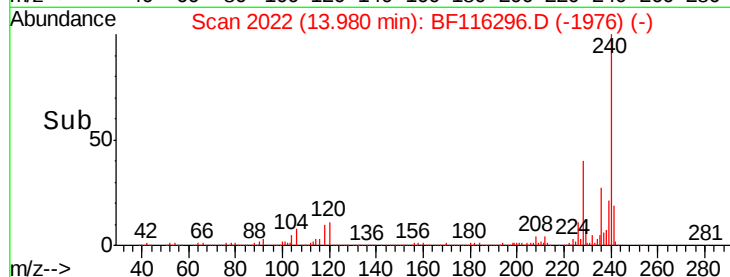
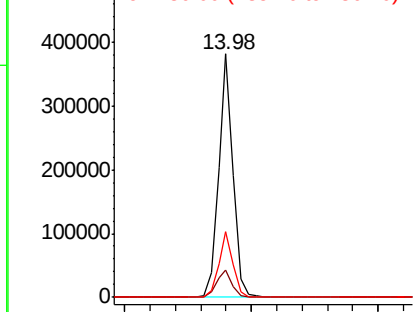
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 303733
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.7 16.1
 236 27.1 22.2 33.2

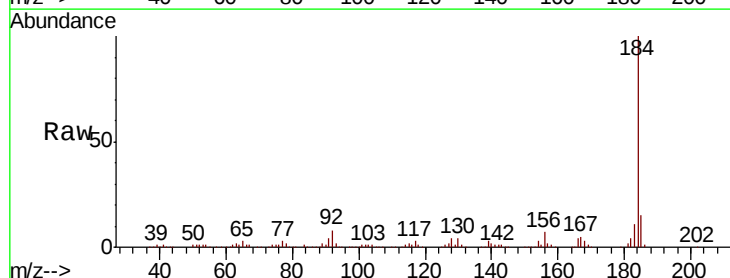


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

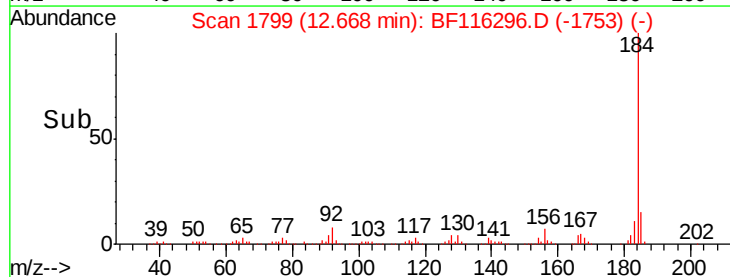
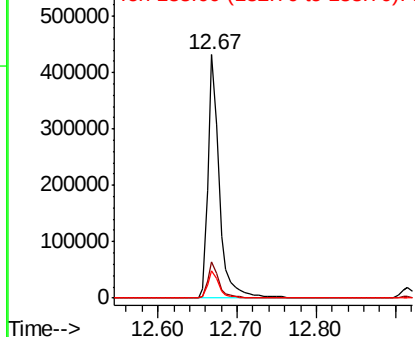


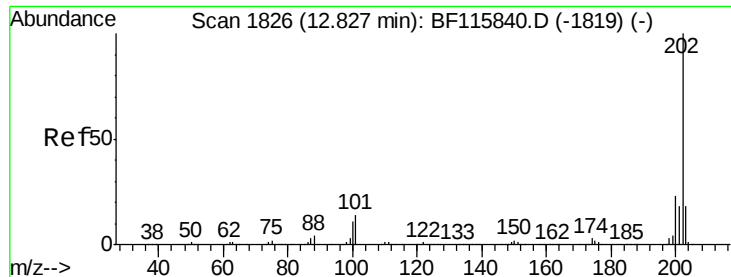
#77
 Benzidine
 Concen: 42.160 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion:184 Resp: 432622
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.8 19.2
 183 11.3 9.4 14.0



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

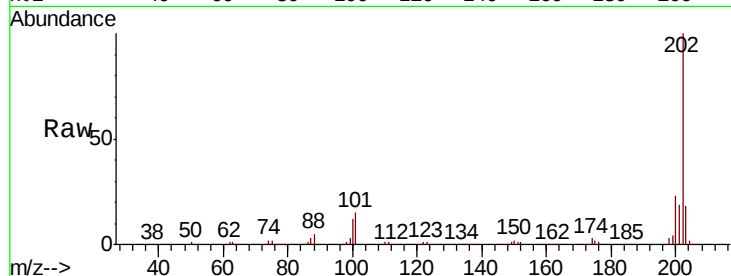




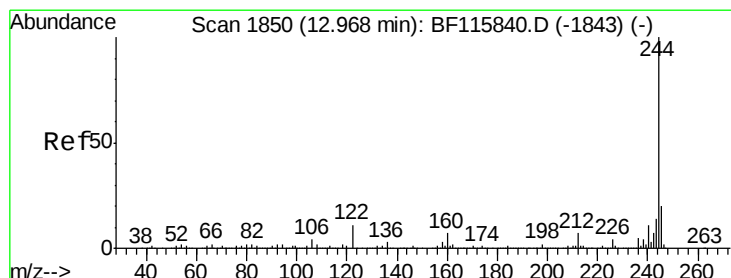
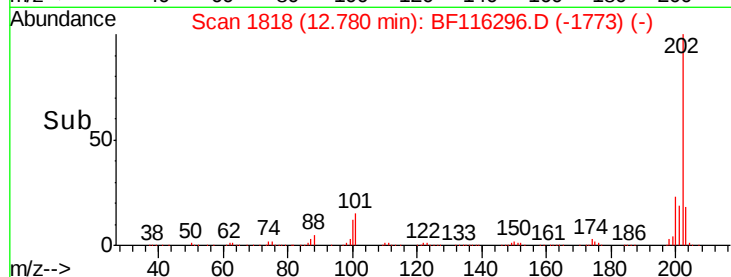
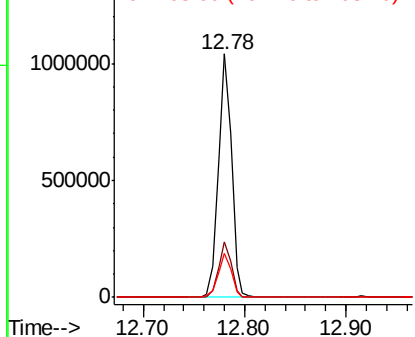
#78
Pvrene
Concen: 41.289 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 945341
Ion Ratio Lower Upper
202 100
200 23.0 18.0 27.0
203 18.2 14.1 21.1

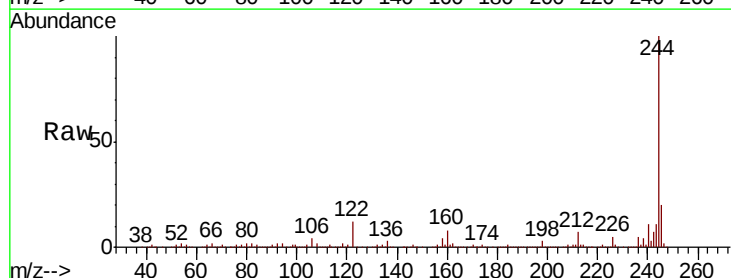


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

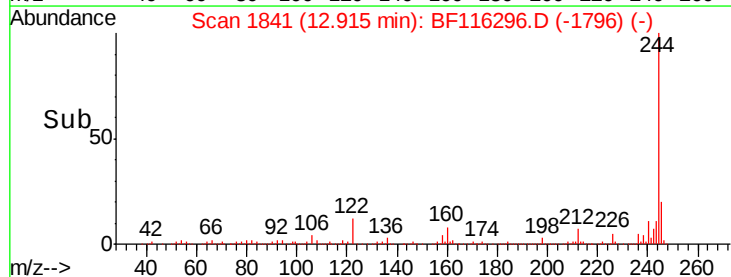
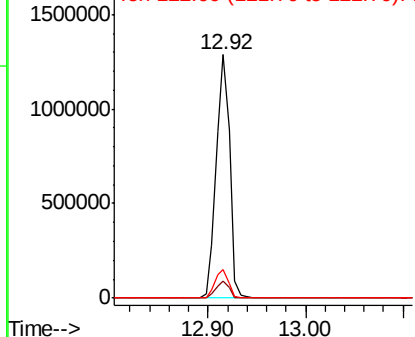


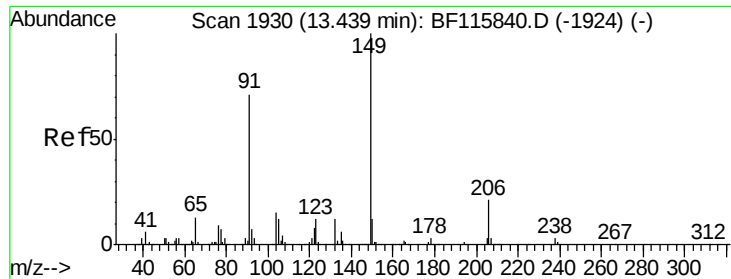
#79
Terphenyl-d14
Concen: 85.663 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:244 Resp: 1234772
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.9 9.0 13.4



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

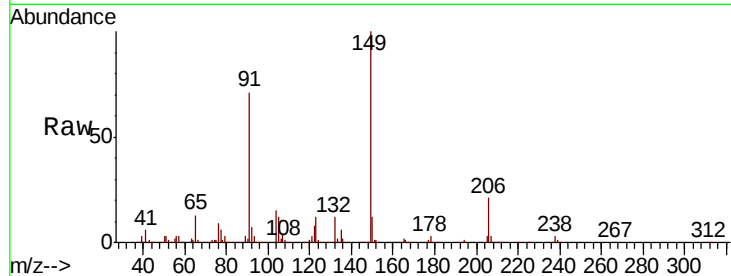




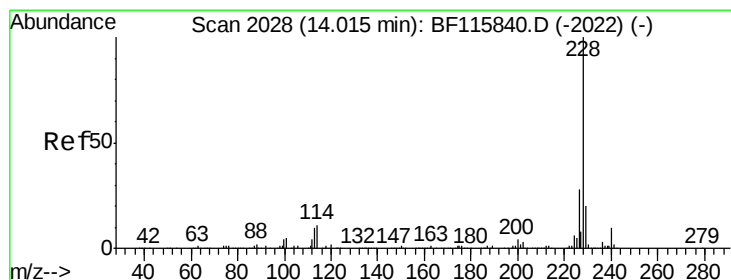
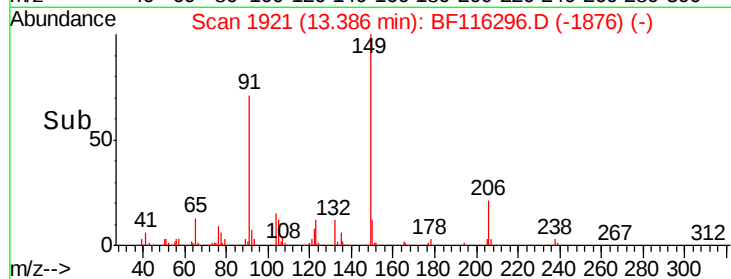
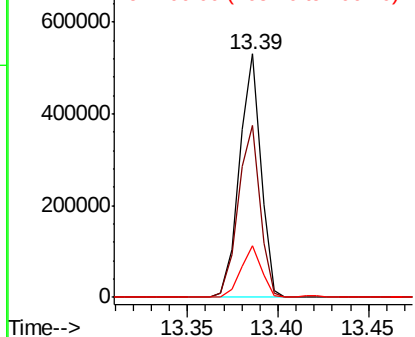
#80
Butylbenzylphthalate
Concen: 44.965 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 435484
Ion Ratio Lower Upper
149 100
91 70.6 56.3 84.5
206 21.1 18.0 27.0

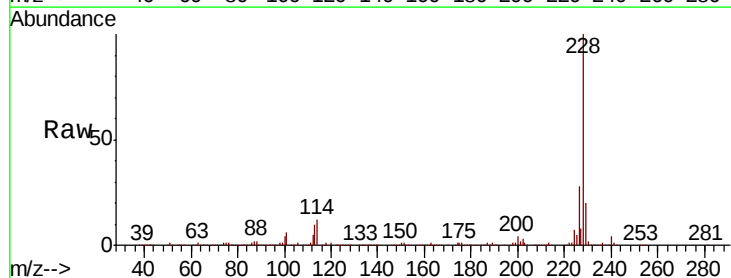


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

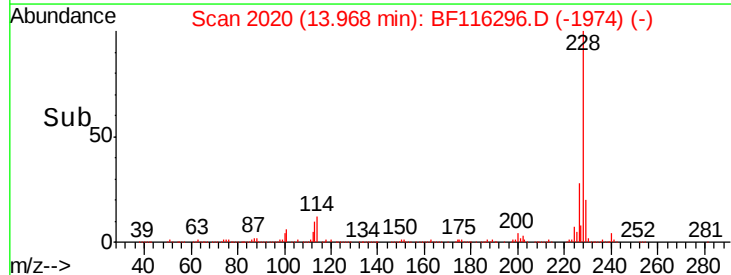
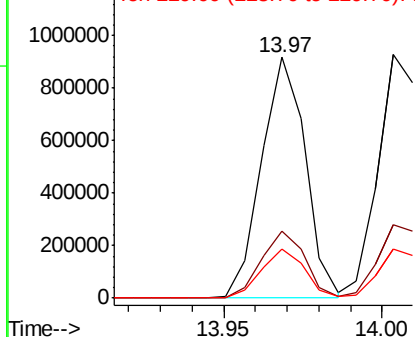


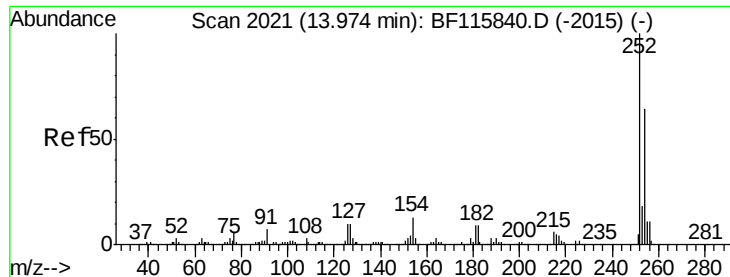
#81
Benzo(a)anthracene
Concen: 45.431 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:228 Resp: 881977
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.3 16.2 24.4



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

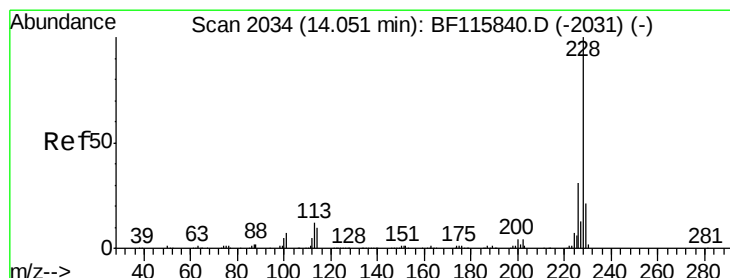
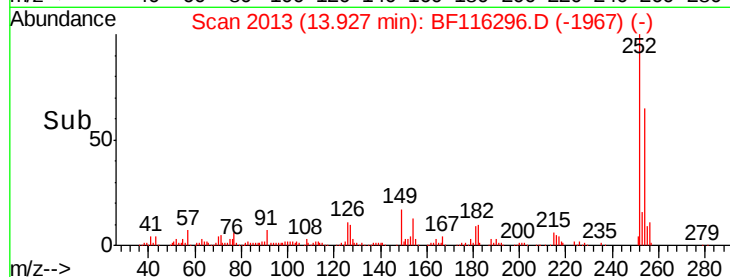
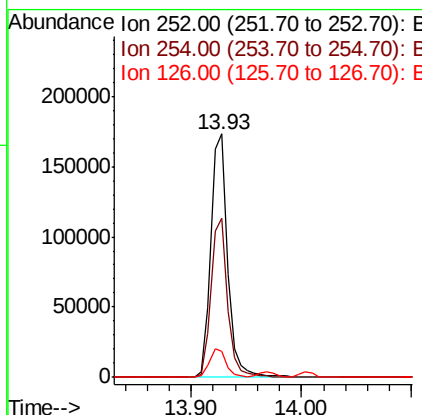
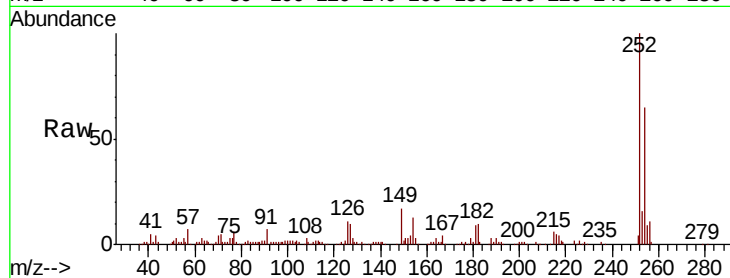




#82
 3,3'-Dichlorobenzidine
 Concen: 26.582 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.03 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

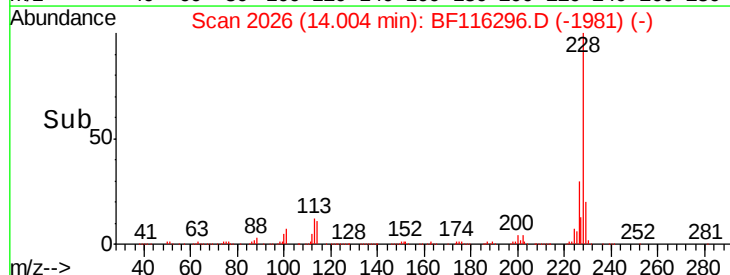
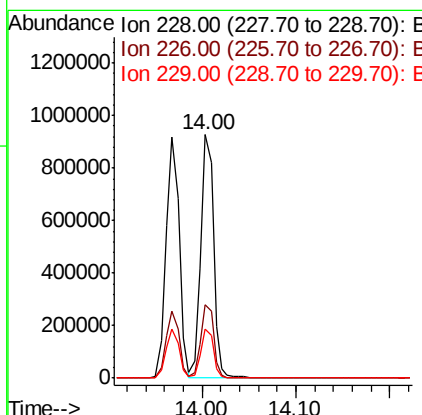
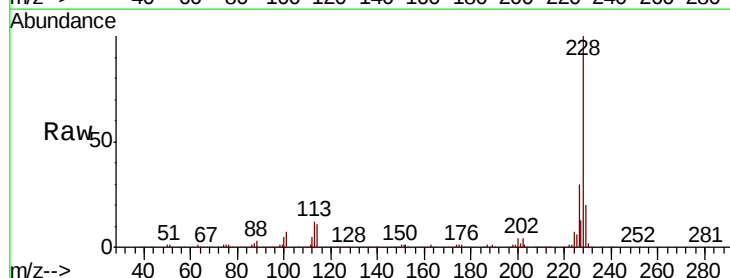
Instrument :
 BNA_F
 ClientSampled :

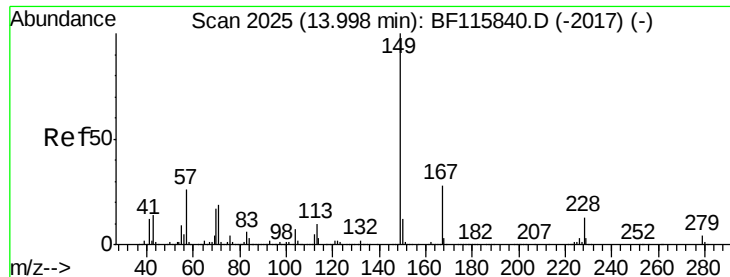
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.9	76.3
126	10.7	9.8	14.8



#83
 Chrysene
 Concen: 46.823 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	20.3	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.037 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :

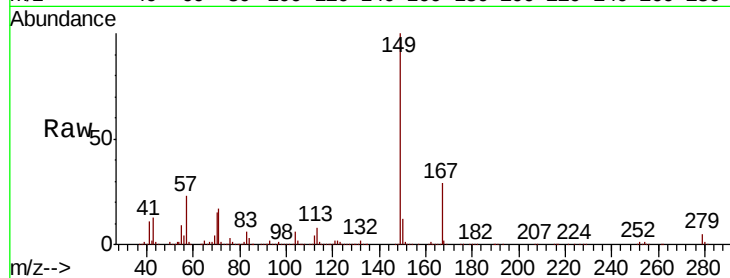
Tot Ion:149 Resp: 629750

Ion Ratio Lower Upper

149 100

167 28.8 21.6 32.4

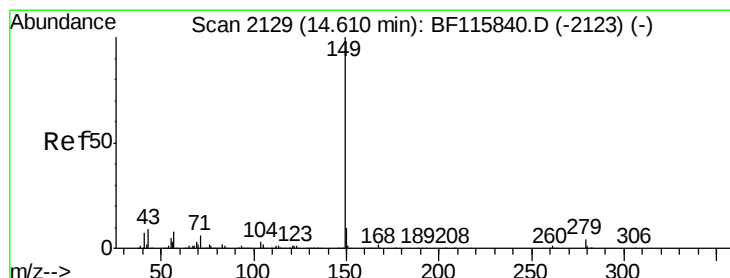
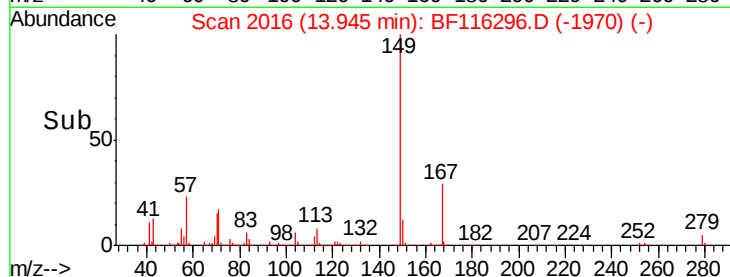
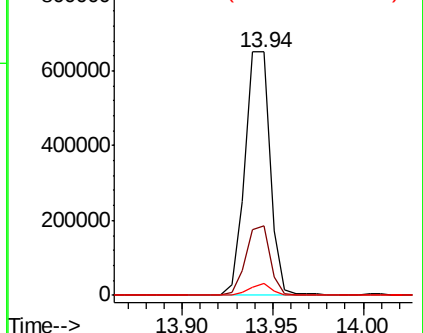
279 4.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 53.309 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

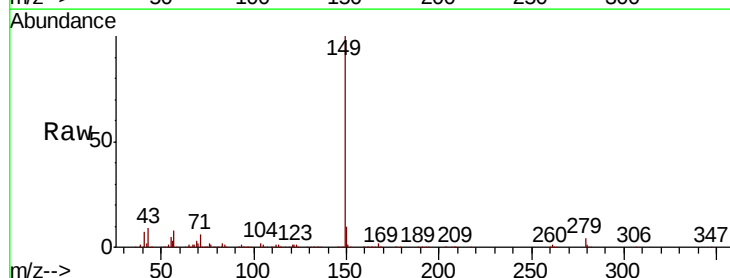
Tgt Ion:149 Resp: 1065669

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

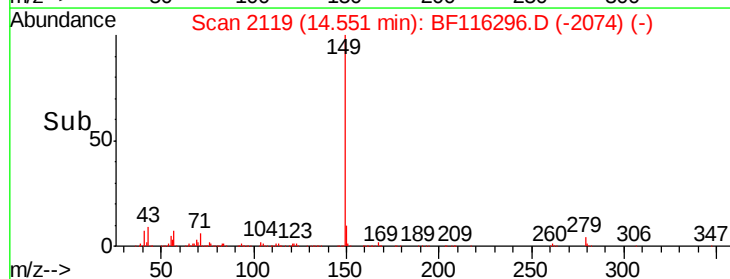
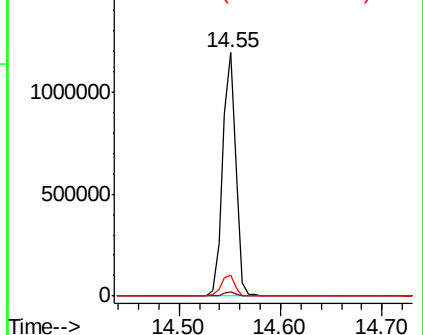
43 9.1 7.5 11.3

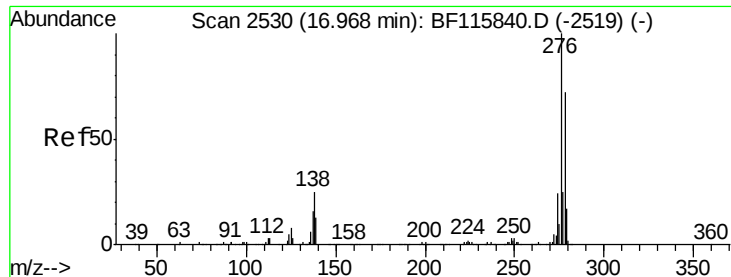


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

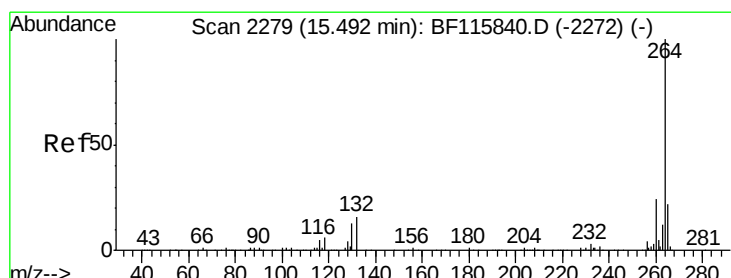
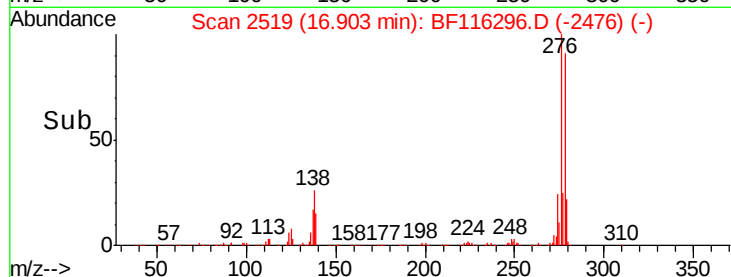
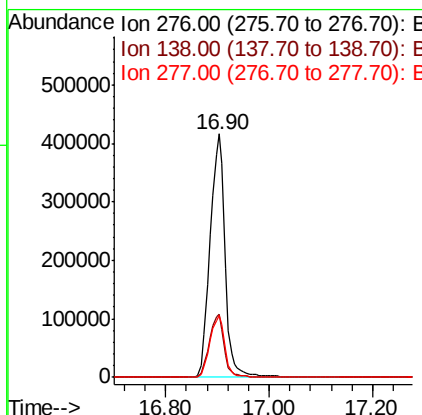
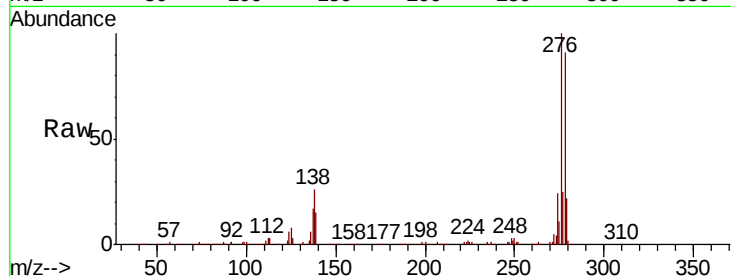




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 53.536 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

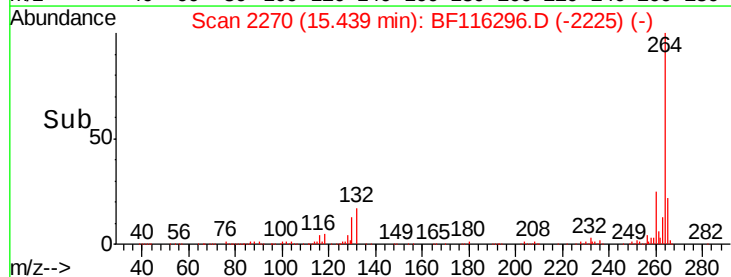
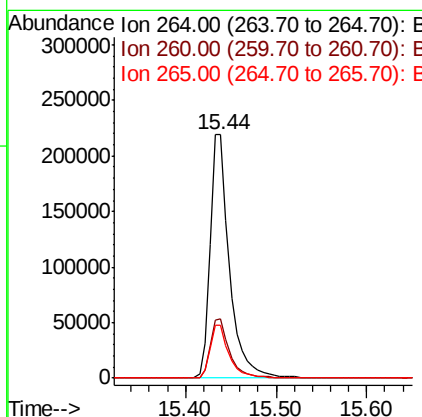
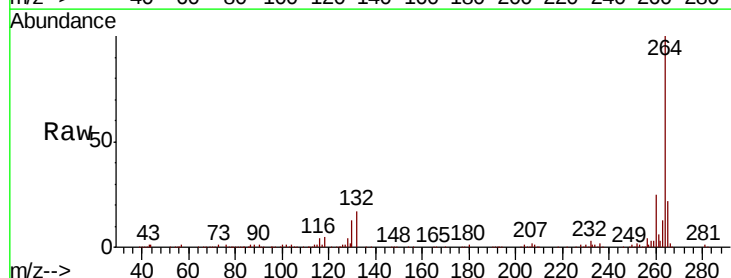
Instrument :
 BNA_F
 ClientSampled :

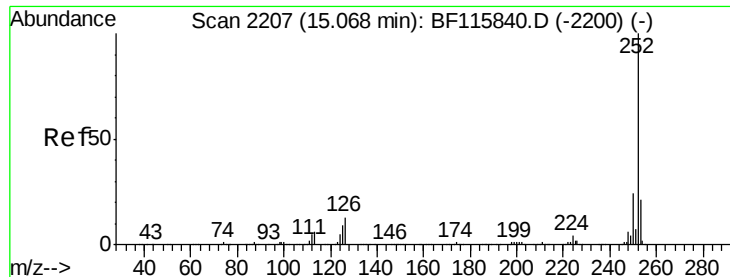
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	25.3	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116296.D
 Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.6	17.4	26.0

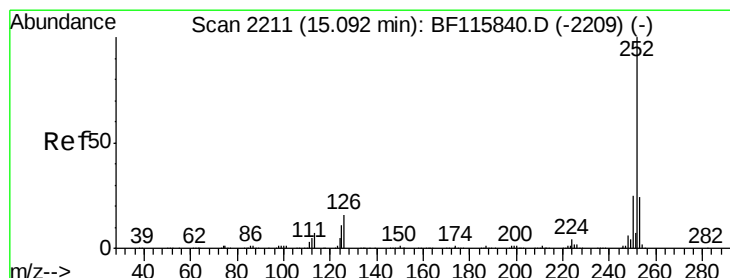
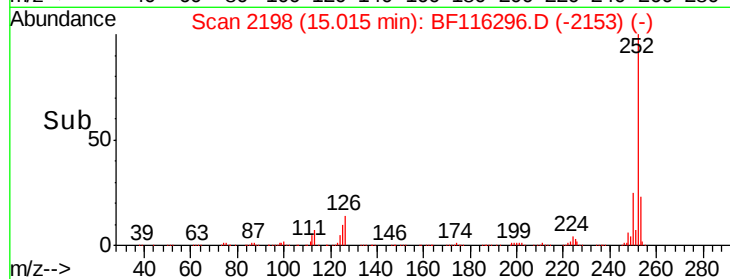
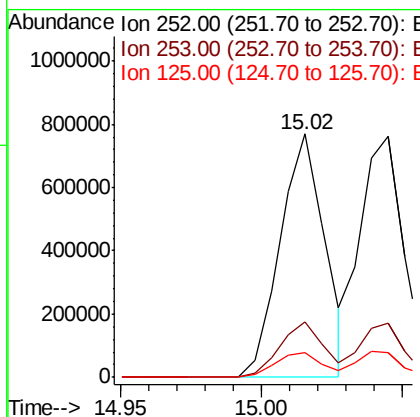
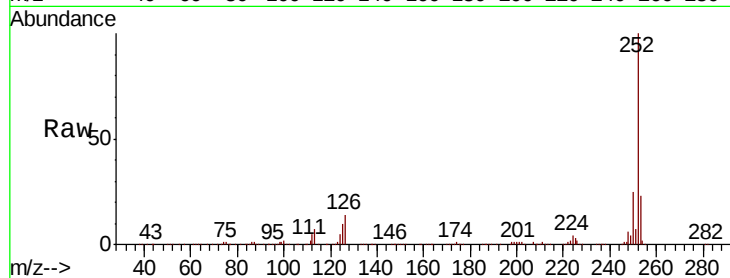




#88
Benzo(b)fluoranthene
Concen: 44.634 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

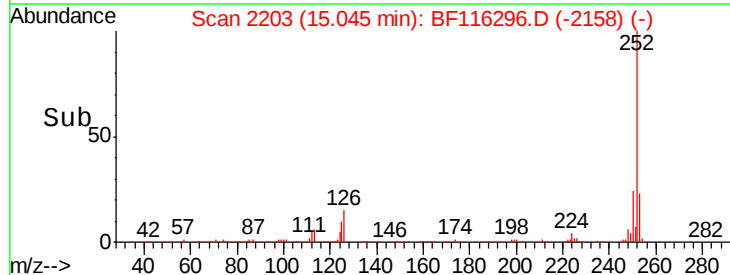
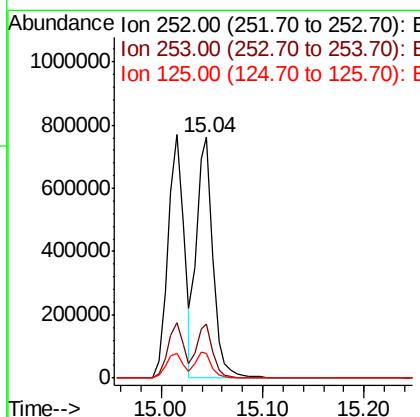
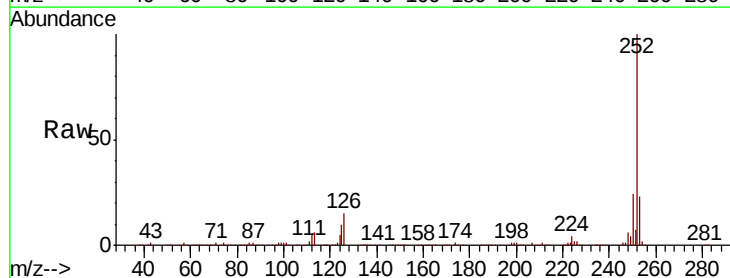
Instrument :
BNA_F
ClientSampleId :

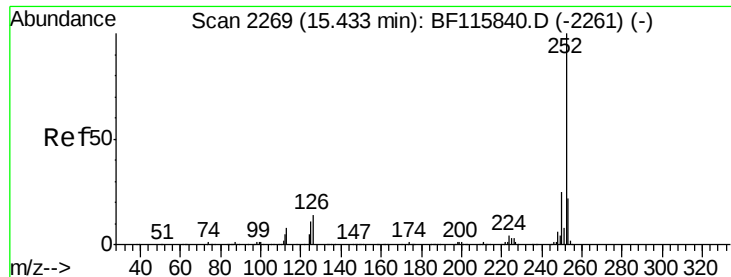
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.4	8.4	12.6



#89
Benzo(k)fluoranthene
Concen: 46.381 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.1	7.7	11.5

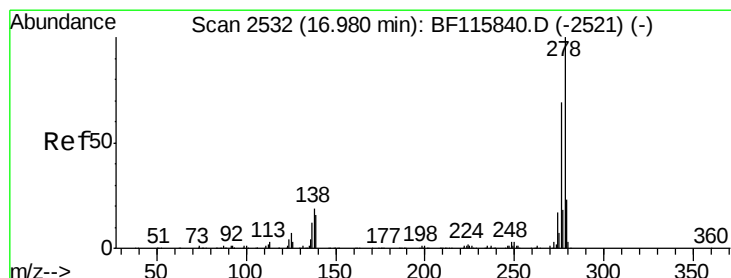
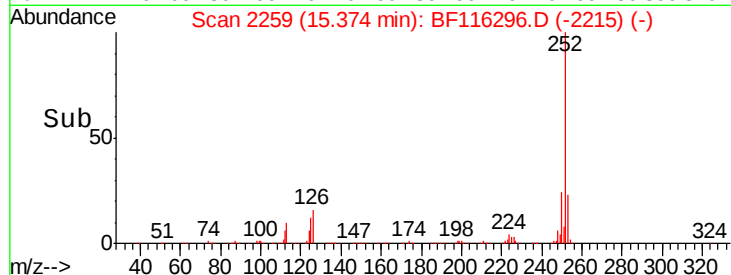
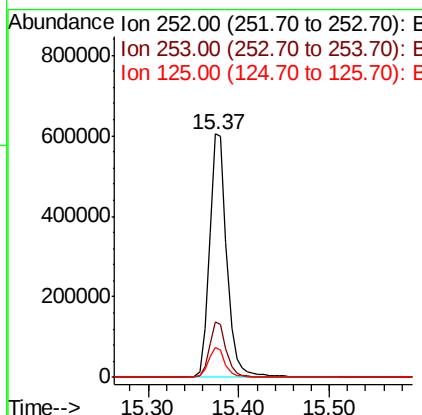
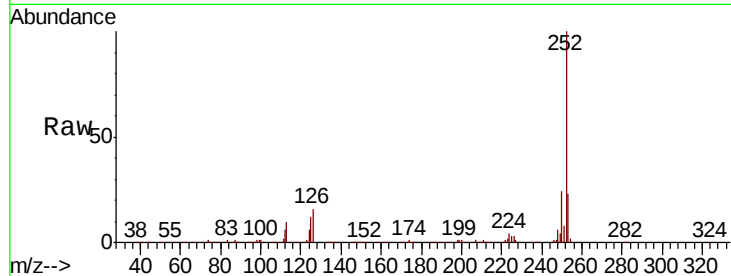




#90
Benzo(a)pyrene
Concen: 47.856 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

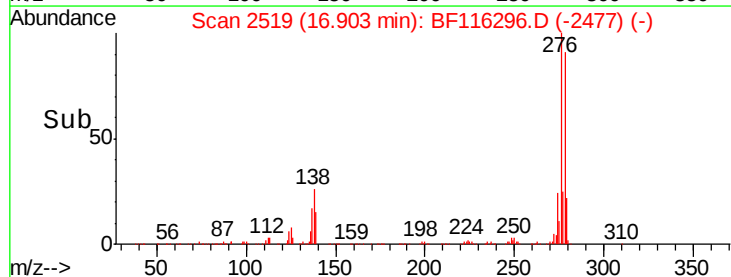
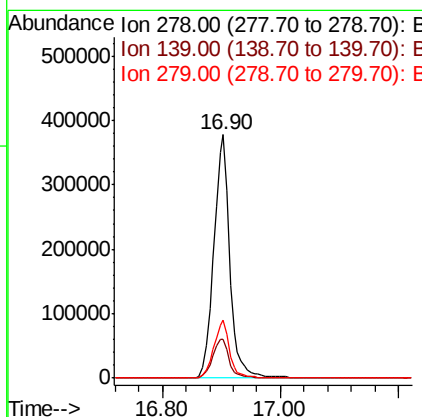
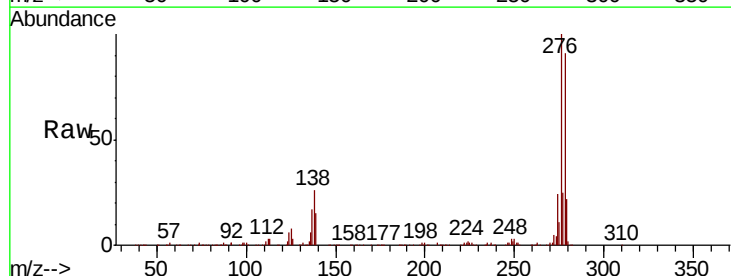
Instrument :
BNA_F
ClientSampleId :

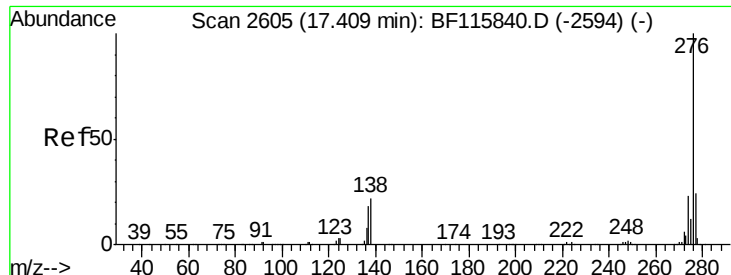
Tot Ion:252 Resp: 809000
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.3 8.9 13.3



#91
Dibenzo(a,h)anthracene
Concen: 48.691 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116296.D
Acq: 15 Aug 2019 23:25

Tgt Ion:278 Resp: 712486
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.8 18.8 28.2





#92

Benzo(a,h,i)perylene

Concen: 48.888 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.05 min

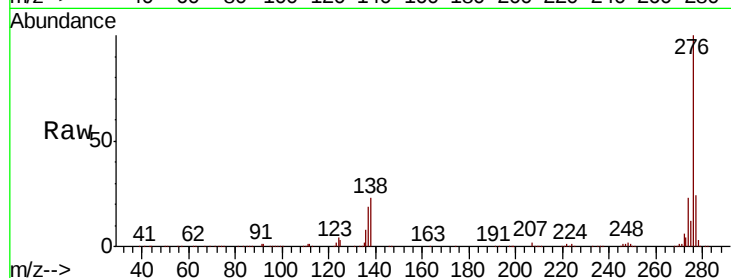
Lab File: BF116296.D

Acq: 15 Aug 2019 23:25

Instrument :

BNA_F

ClientSampleId :



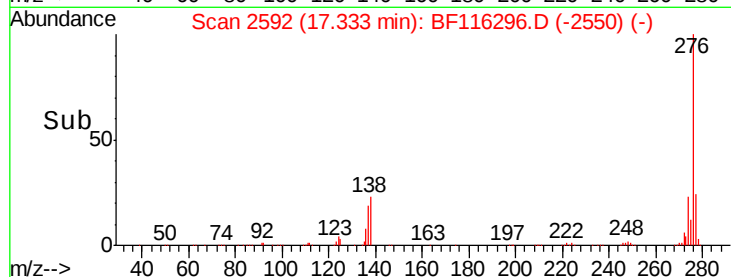
Tot Ion: 276 Resp: 702556

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 23.0 17.0 25.6



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

300000 17.33

200000

100000

0

Time--> 17.20 17.40 17.60