

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112982.D
 Acq On : 12 Mar 2019 4:21
 Operator : JU/SJ
 Sample : K1817-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Quant Time: Mar 12 07:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127072	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	490496	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	254621	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	561666	20.00	ng	0.00
76) Chrysene-d12	13.87	240	405522	20.00	ng	0.00
87) Perylene-d12	15.27	264	354827	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	481931	59.00	ng	0.00
7) Phenol-d6	6.36	99	651122	63.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	372634	45.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	224849	83.18	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	782262	44.87	ng	-0.01
79) Terphenyl-d14	12.82	244	926133	44.27	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.38	88	63102	15.410 ng	96
3) Pyridine	3.13	79	95808	8.745 ng	96
4) n-Nitrosodimethylamine	3.01	42	75437	15.741 ng	94
6) Aniline	6.39	93	159523	11.294 ng	93
8) 2-Chlorophenol	6.52	128	176666	19.428 ng	92
9) Benzaldehyde	6.27	77	86440	11.691 ng	96
10) Phenol	6.38	94	233134	19.469 ng	94
11) bis(2-Chloroethyl)ether	6.46	93	164338	17.880 ng	96
12) 1,3-Dichlorobenzene	6.67	146	187635	19.974 ng	98
13) 1,4-Dichlorobenzene	6.75	146	191502	20.328 ng	98
14) 1,2-Dichlorobenzene	6.90	146	183333	21.229 ng	98
15) Benzyl Alcohol	6.87	79	146771	18.757 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	268407	17.499 ng	97
17) 2-Methylphenol	6.99	107	138348	18.754 ng	99
18) Hexachloroethane	7.25	117	58656	16.254 ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	118875	18.291 ng	97
20) 3+4-Methylphenols	7.15	107	175469	21.068 ng	# 71
22) Acetophenone	7.13	105	235633	20.545 ng	# 91
24) Nitrobenzene	7.30	77	178747	19.592 ng	100
25) Isophorone	7.55	82	331260	18.758 ng	98
26) 2-Nitrophenol	7.63	139	82258	21.659 ng	99
27) 2,4-Dimethylphenol	7.67	122	144052	20.388 ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	208693	18.902 ng	100
29) 2,4-Dichlorophenol	7.87	162	148158	21.623 ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	160449	21.794 ng	98
31) Naphthalene	8.03	128	514084	21.111 ng	99
32) Benzoic acid	7.75	122	85933	17.353 ng	87
33) 4-Chloroaniline	8.08	127	142789	13.844 ng	98
34) Hexachlorobutadiene	8.16	225	91573	22.055 ng	98
35) Caprolactam	8.43	113	49102	20.347 ng	96
36) 4-Chloro-3-methylphenol	8.57	107	159245	21.001 ng	96
37) 2-Methylnaphthalene	8.73	142	352933	22.442 ng	98
38) 1-Methylnaphthalene	8.82	142	333892	21.918 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	162180	21.842 ng	98

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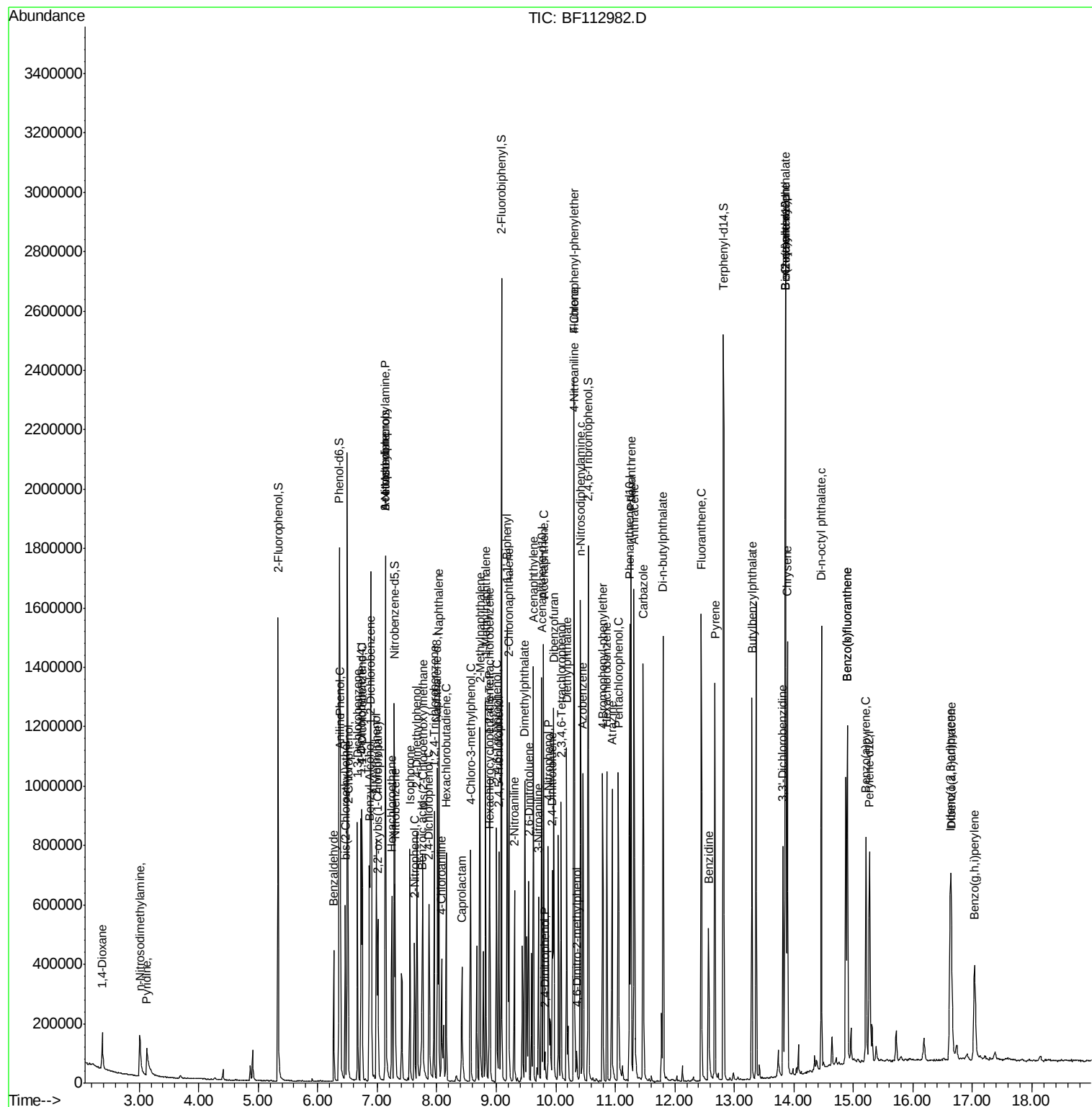
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41) Hexachlorocyclopentadiene	8.88	237	46845	11.521	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	112368	21.989	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	123930	22.437	ng	96
46) 1,1'-Biphenyl	9.19	154	448390	21.590	ng	98
47) 2-Chloronaphthalene	9.21	162	341578	21.063	ng	97
48) 2-Nitroaniline	9.30	65	107768	21.863	ng	90
49) Acenaphthylene	9.62	152	568924	20.665	ng	98
50) Dimethylphthalate	9.49	163	448781	23.904	ng	99
51) 2,6-Dinitrotoluene	9.55	165	86283	22.069	ng #	77
52) Acenaphthene	9.79	154	336024	20.872	ng	99
53) 3-Nitroaniline	9.71	138	93838	19.698	ng	97
54) 2,4-Dinitrophenol	9.82	184	15632	15.440	ng	98
55) Dibenzofuran	9.97	168	518433	22.156	ng	94
56) 4-Nitrophenol	9.87	139	157074	40.569	ng	93
57) 2,4-Dinitrotoluene	9.95	165	117859	24.252	ng #	87
58) Fluorene	10.31	166	394028	23.726	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	114340	24.847	ng	92
60) Diethylphthalate	10.18	149	405298	20.440	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	190738	24.685	ng	91
62) 4-Nitroaniline	10.32	138	99127	22.518	ng	93
63) Azobenzene	10.46	77	395410	19.469	ng	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	12531	9.521	ng	81
66) n-Nitrosodiphenylamine	10.42	169	355344	19.727	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	123779	20.923	ng	97
68) Hexachlorobenzene	10.86	284	146888	22.026	ng	93
69) Atrazine	10.95	200	115721	20.976	ng	97
70) Pentachlorophenol	11.05	266	142080	36.197	ng	99
71) Phenanthrene	11.26	178	614161	21.977	ng	99
72) Anthracene	11.32	178	642831	21.975	ng	98
73) Carbazole	11.47	167	597427	20.936	ng	98
74) Di-n-butylphthalate	11.80	149	727312	21.256	ng	100
75) Fluoranthene	12.45	202	617825	20.636	ng	97
77) Benzidine	12.57	184	233253	11.087	ng	99
78) Pyrene	12.67	202	618109	18.081	ng	98
80) Butylbenzylphthalate	13.29	149	289572	19.190	ng	95
81) Benzo(a)anthracene	13.86	228	504794	17.961	ng	98
82) 3,3'-Dichlorobenzidine	13.82	252	199573	18.775	ng #	98
83) Chrysene	13.89	228	514328	18.682	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	386050	21.811	ng	98
85) Di-n-octyl phthalate	14.46	149	690426	22.717	ng	96
86) Indeno(1,2,3-cd)pyrene	16.63	276	402278	17.140	ng	96
88) Benzo(b)fluoranthene	14.90	252	455864	19.862	ng	98
89) Benzo(k)fluoranthene	14.90	252	455864	21.928	ng	98
90) Benzo(a)pyrene	15.22	252	426769	21.022	ng #	96
91) Dibenzo(a,h)anthracene	16.64	278	348817	20.136	ng	96
92) Benzo(g,h,i)perylene	17.03	276	319058	18.342	ng	97

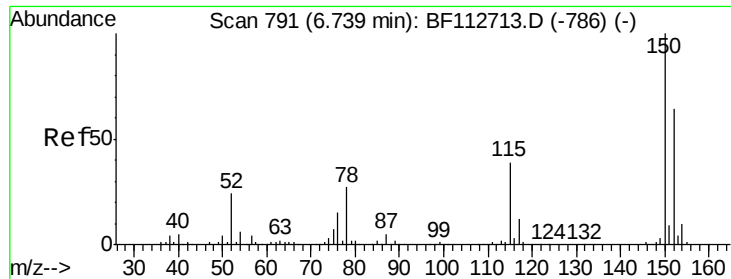
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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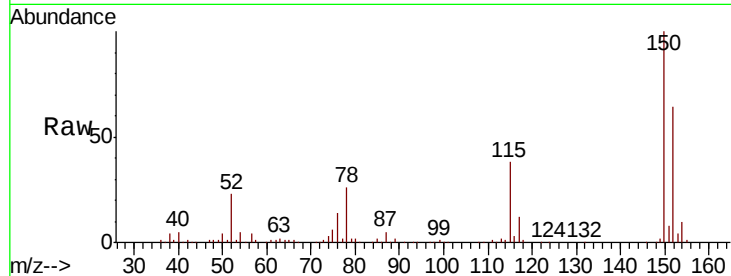




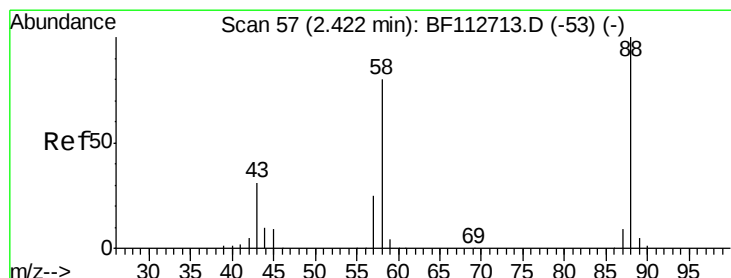
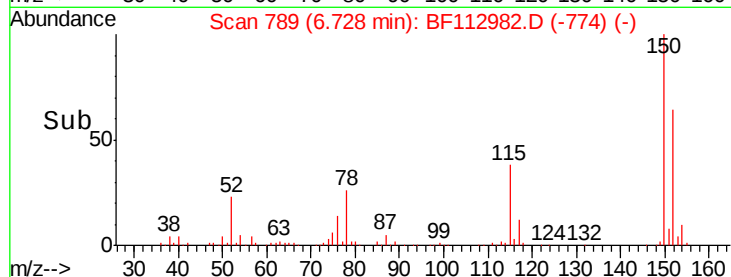
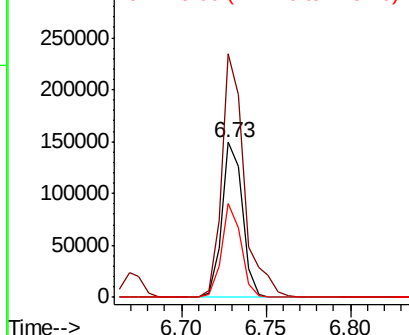
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion: 152 Resp: 127072
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.2 186.2
 115 60.3 48.2 72.4

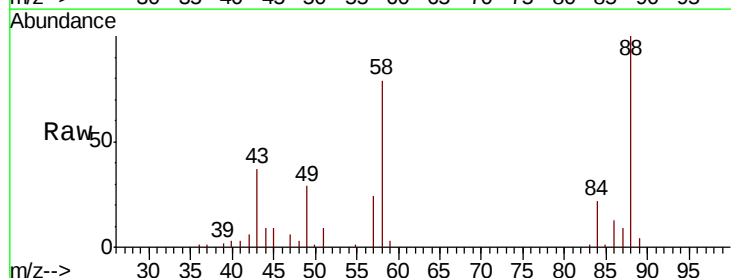


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

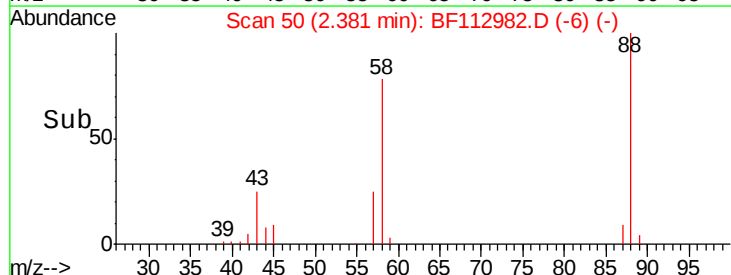
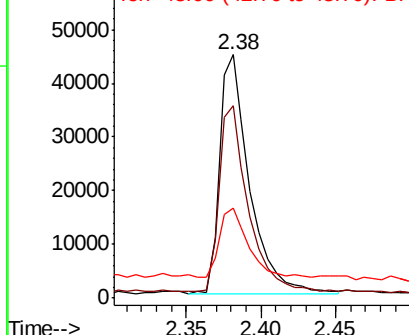


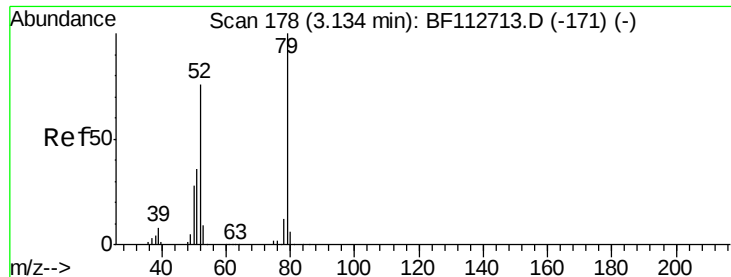
#2
 1,4-Dioxane
 Concen: 15.410 ng
 RT: 2.38 min Scan# 50
 Delta R.T. -0.04 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion: 88 Resp: 63102
 Ion Ratio Lower Upper
 88 100
 58 75.5 63.1 94.7
 43 27.5 24.3 36.5



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





#3

Pyridine

Concen: 8.745 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

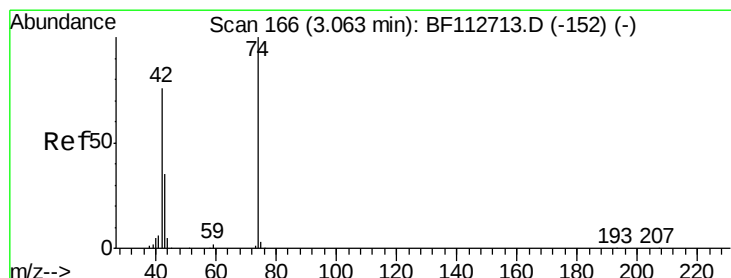
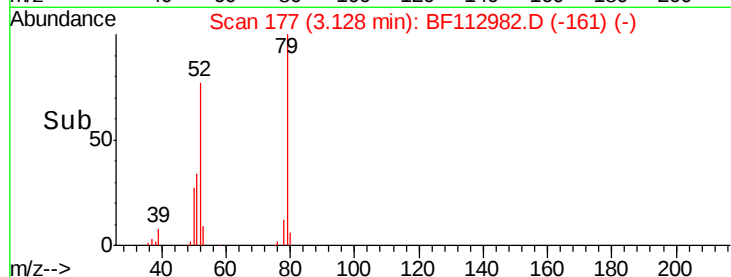
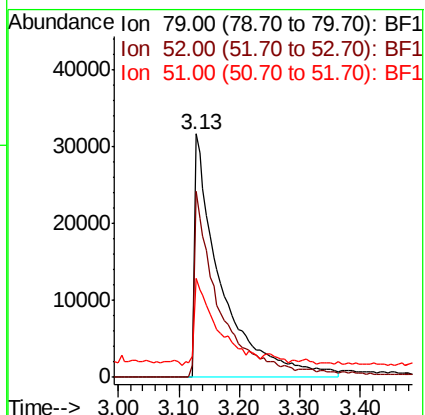
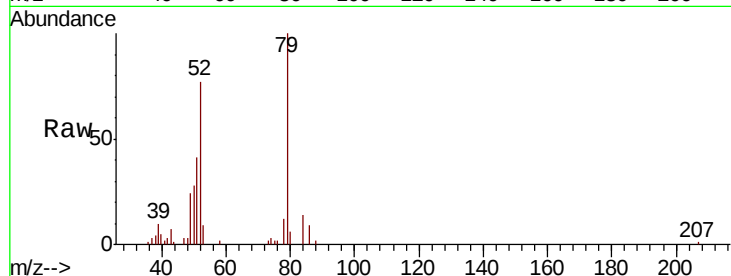
Tgt Ion: 79 Resp: 95808

Ion Ratio Lower Upper

79 100

52 76.6 60.5 90.7

51 40.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 15.741 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.05 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

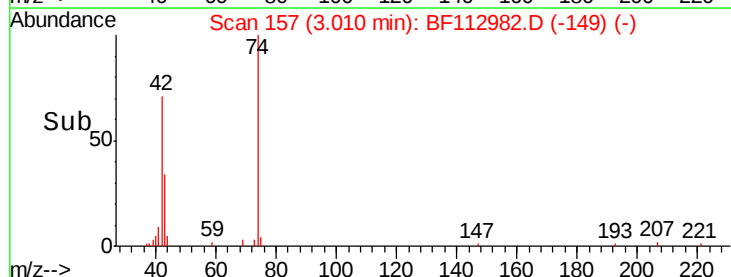
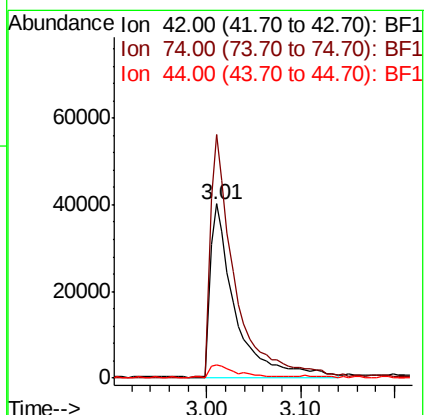
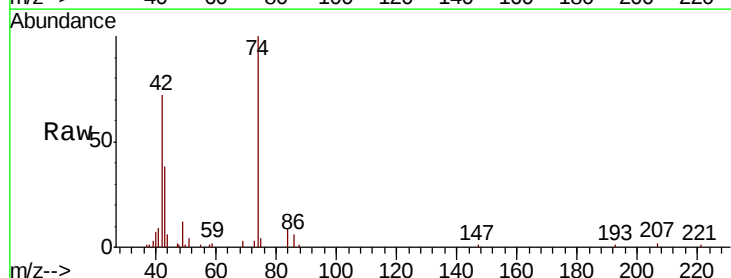
Tgt Ion: 42 Resp: 75437

Ion Ratio Lower Upper

42 100

74 139.8 105.8 158.8

44 7.8 6.2 9.2





#5

2-Fluorophenol

Concen: 58.995 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

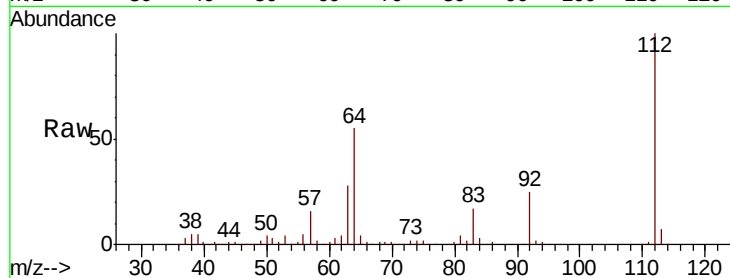
Tgt Ion: 112 Resp: 481931

Ion Ratio Lower Upper

112 100

64 55.1 47.6 71.4

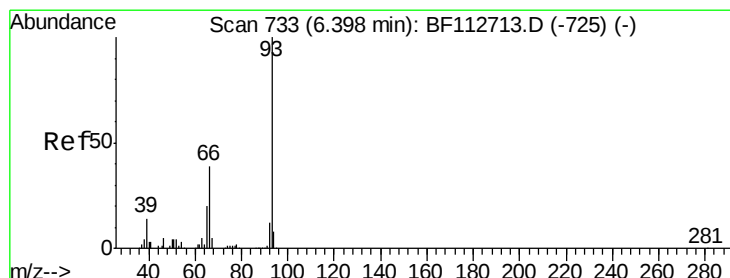
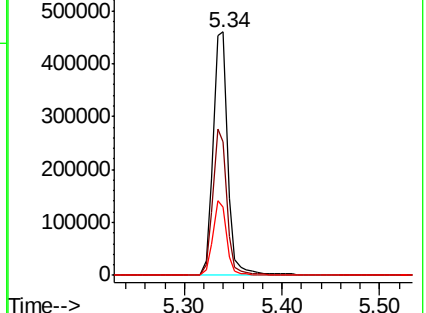
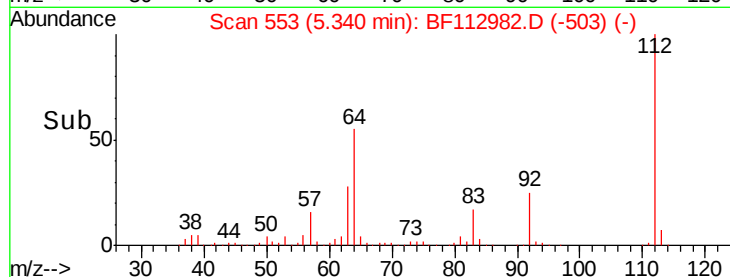
63 27.9 24.4 36.6



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: 11.294 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

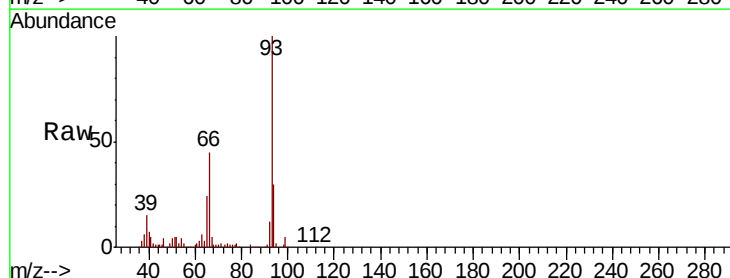
Tgt Ion: 93 Resp: 159523

Ion Ratio Lower Upper

93 100

66 44.6 32.2 48.2

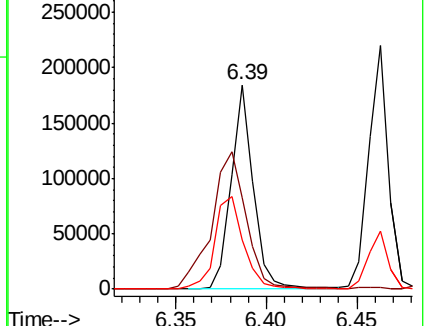
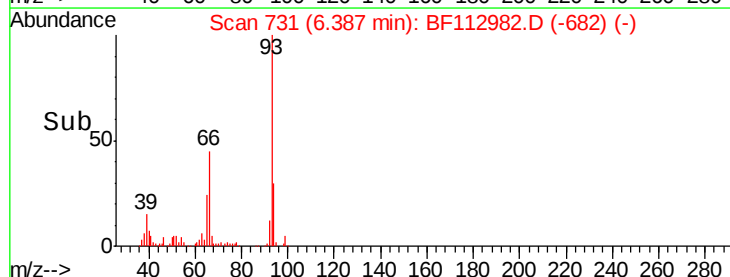
65 24.1 16.2 24.4

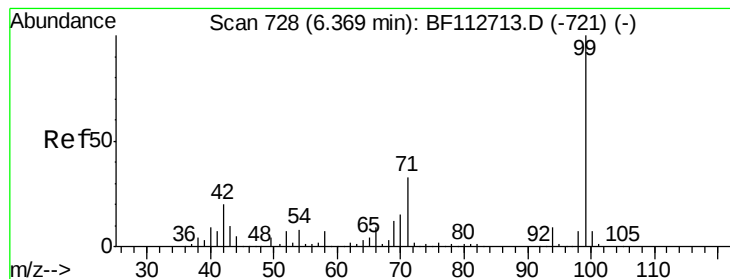


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 63.452 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

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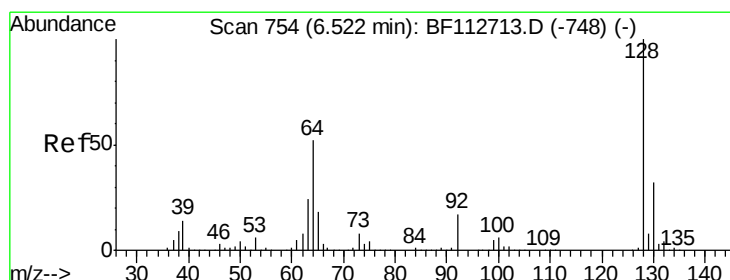
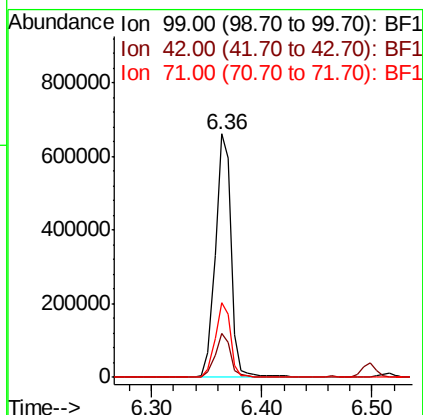
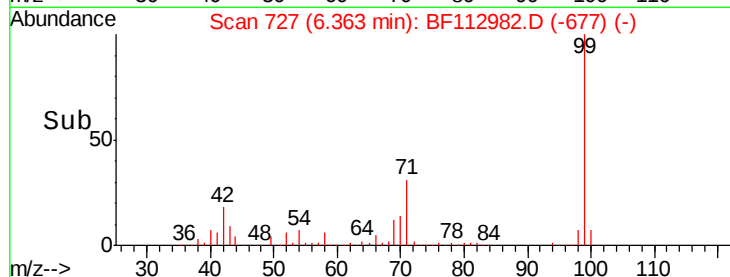
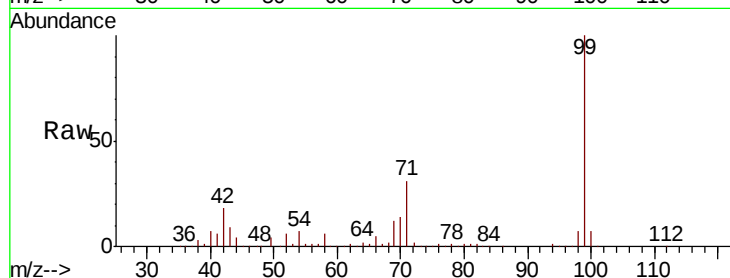
Tgt Ion: 99 Resp: 651122

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

71 30.6 26.2 39.4



#8

2-Chlorophenol

Concen: 19.428 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

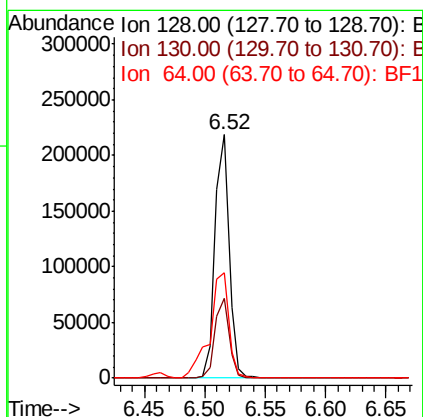
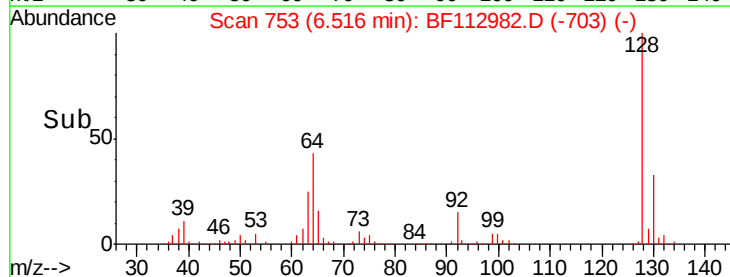
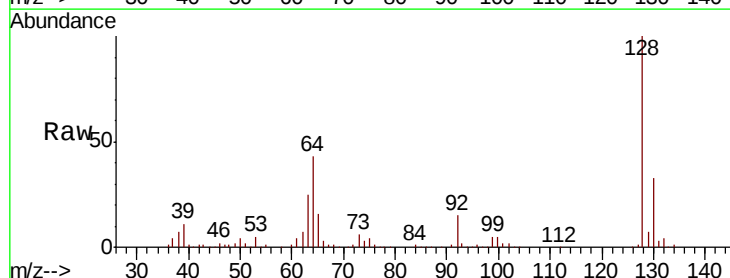
Tgt Ion: 128 Resp: 176666

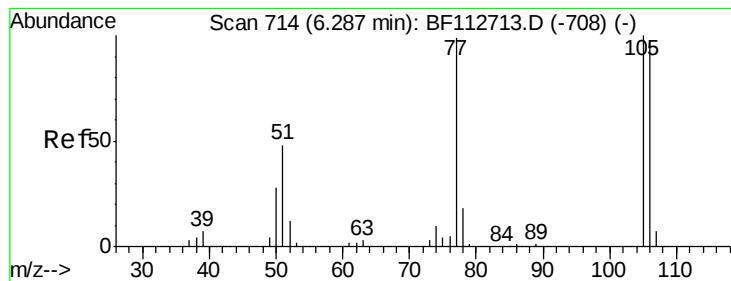
Ion Ratio Lower Upper

128 100

130 32.5 12.4 52.4

64 43.4 32.2 72.2





#9

Benzaldehyde

Concen: 11.691 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

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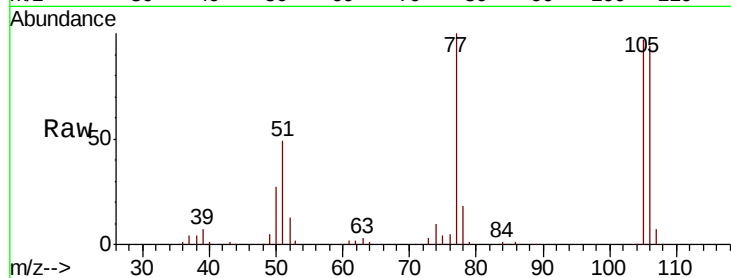
Tgt Ion: 77 Resp: 86440

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

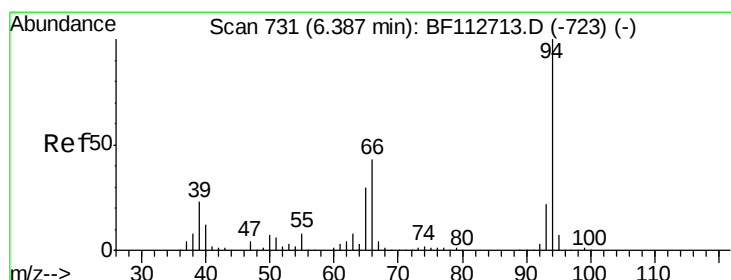
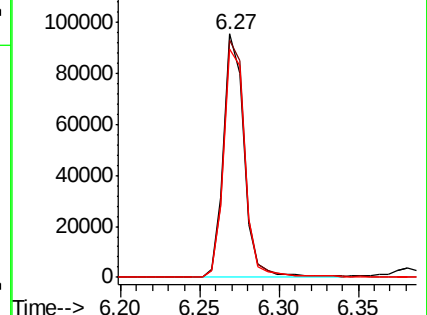
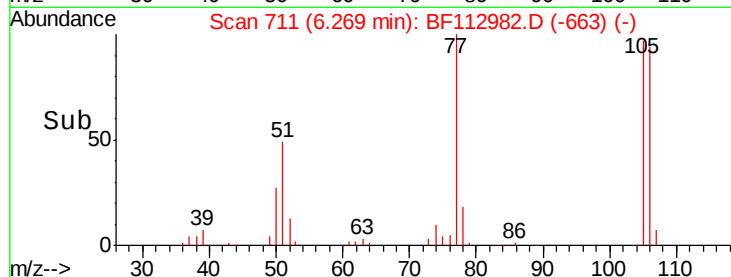
106 93.6 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 19.469 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

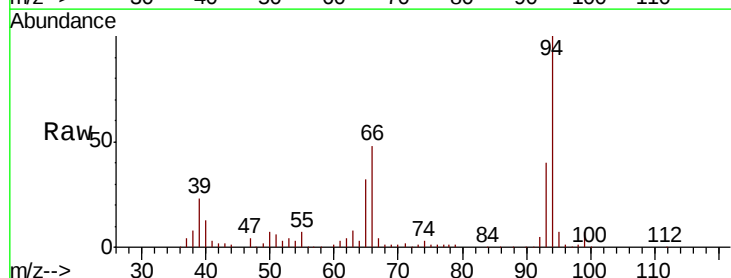
Tgt Ion: 94 Resp: 233134

Ion Ratio Lower Upper

94 100

65 32.0 10.5 50.5

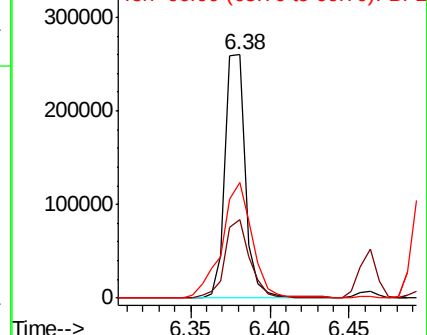
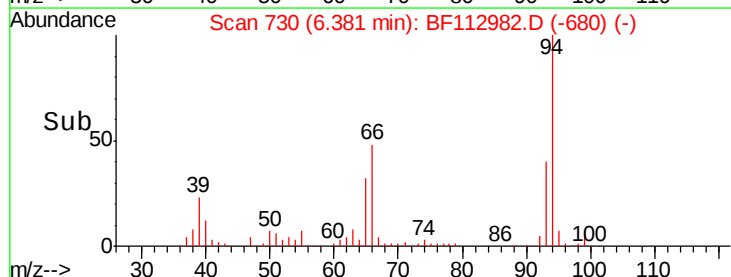
66 47.6 22.6 62.6



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

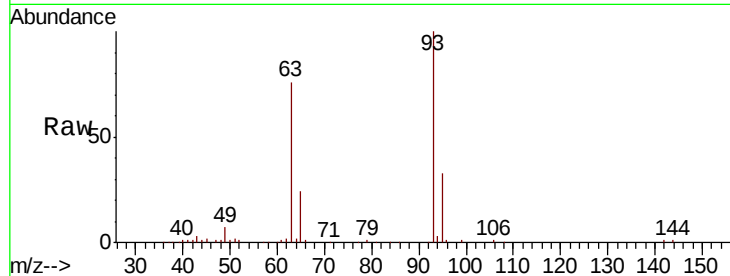




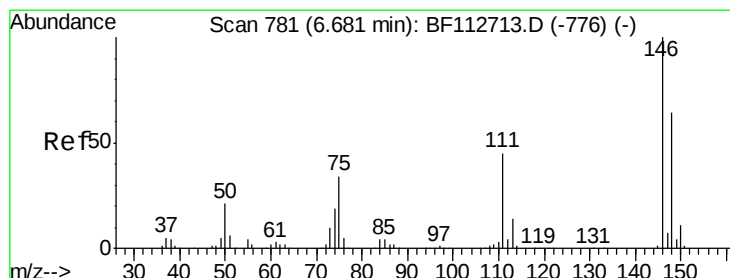
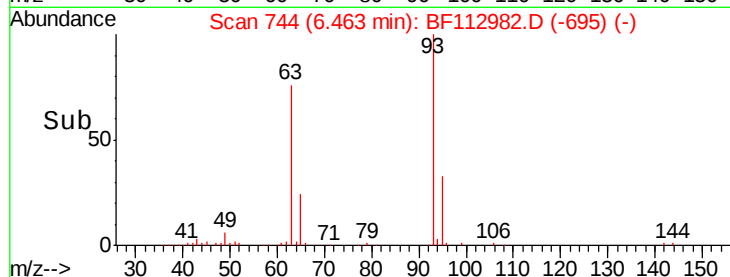
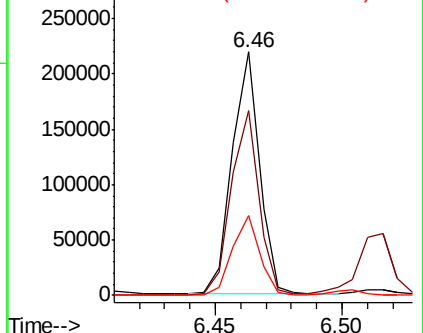
#11
bis(2-Chloroethyl)ether
Concen: 17.880 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion: 93 Resp: 164338
Ion Ratio Lower Upper
93 100
63 75.6 60.5 100.5
95 32.6 12.1 52.1

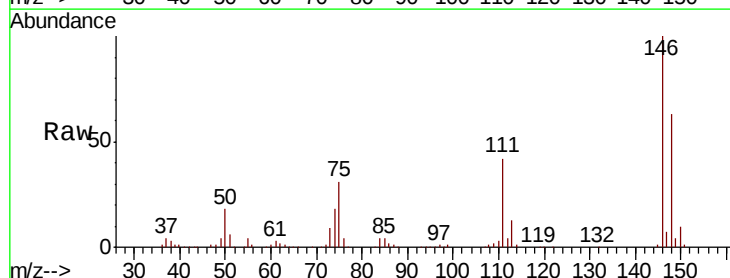


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

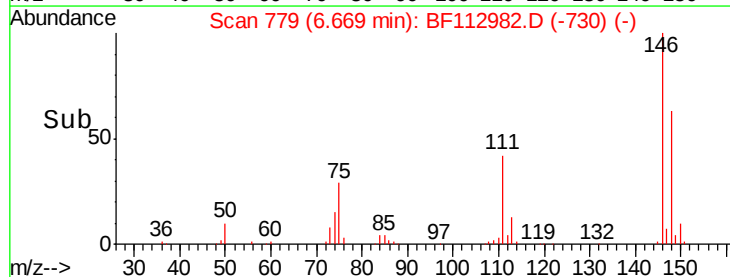
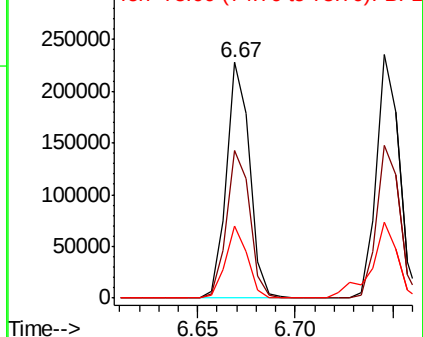


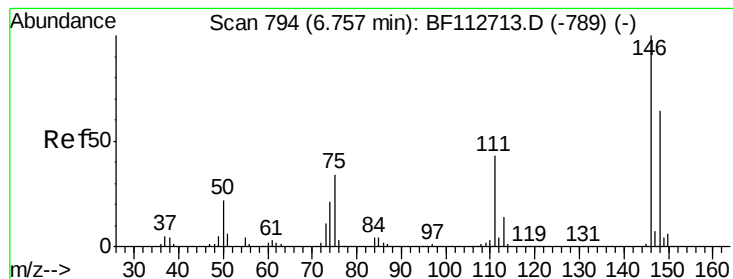
#12
1,3-Dichlorobenzene
Concen: 19.974 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 146 Resp: 187635
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 30.8 26.9 40.3



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: 20.328 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

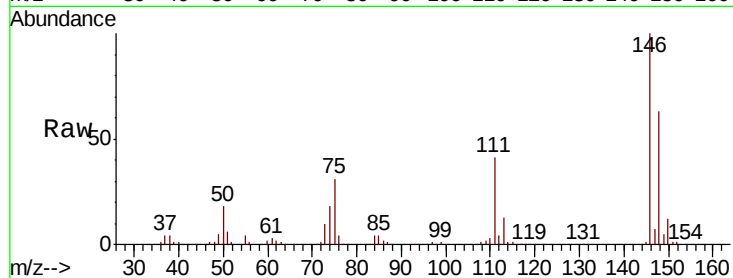
Tgt Ion:146 Resp: 191502

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

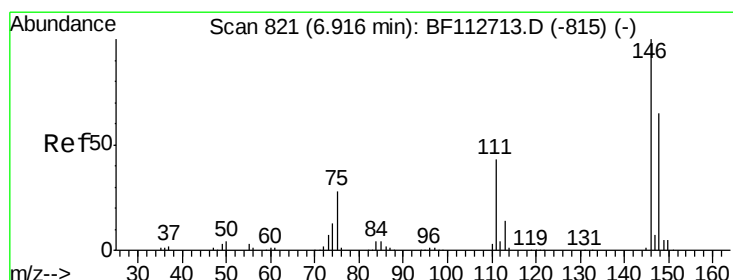
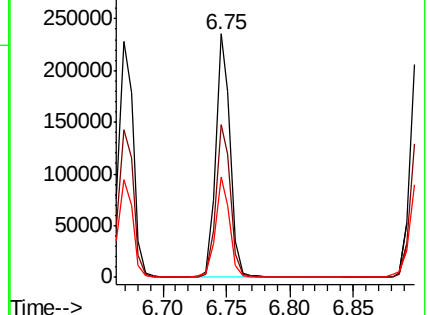
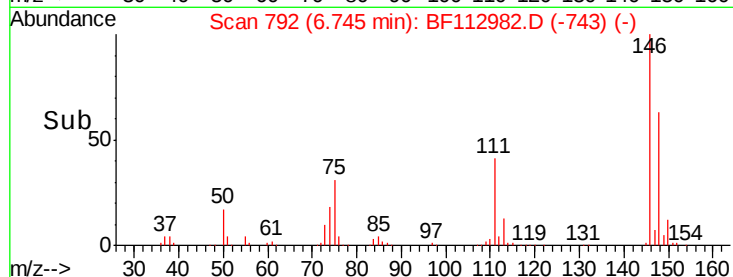
111 41.1 34.5 51.7



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: 21.229 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

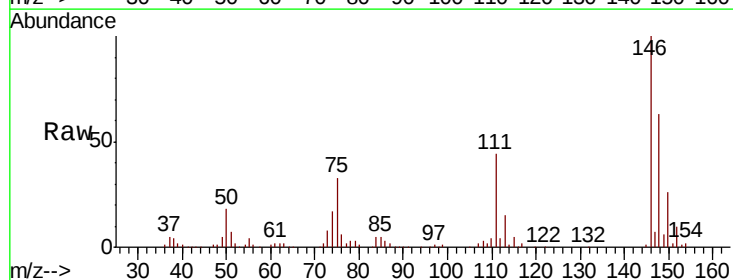
Tgt Ion:146 Resp: 183333

Ion Ratio Lower Upper

146 100

148 62.7 52.0 78.0

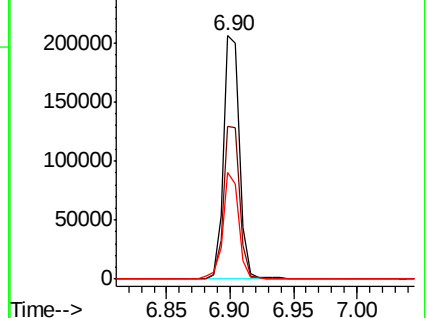
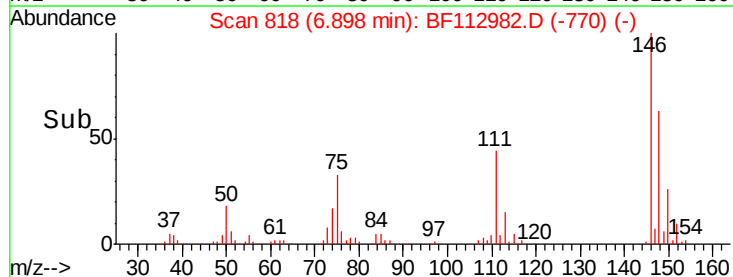
111 43.6 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.757 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

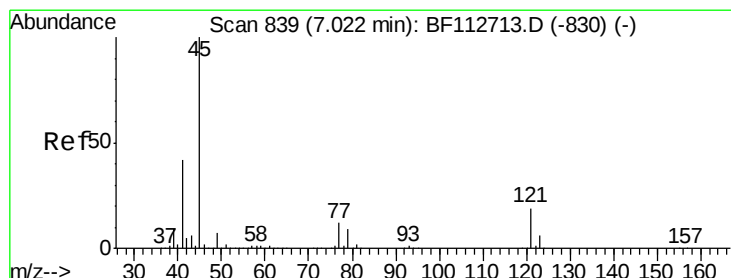
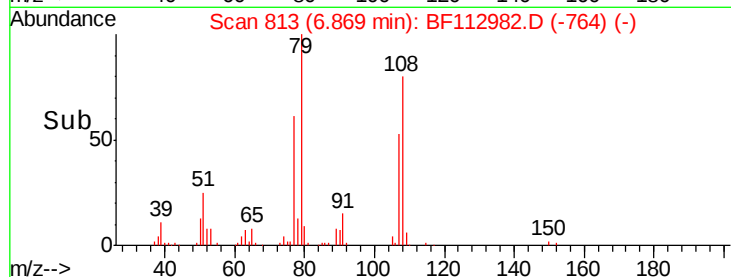
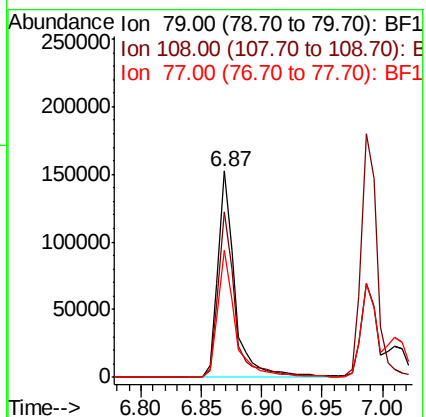
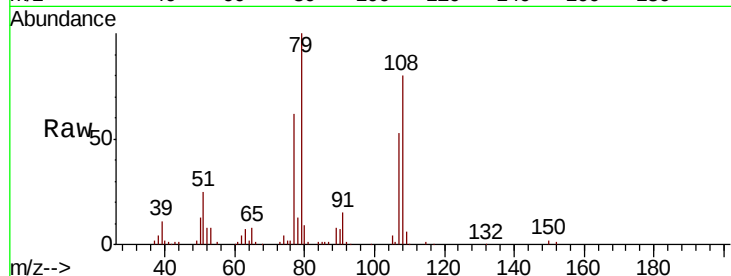
Tgt Ion: 79 Resp: 146771

Ion Ratio Lower Upper

79 100

108 80.2 64.2 96.4

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.499 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

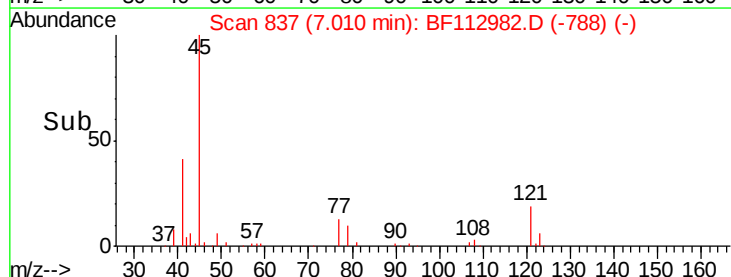
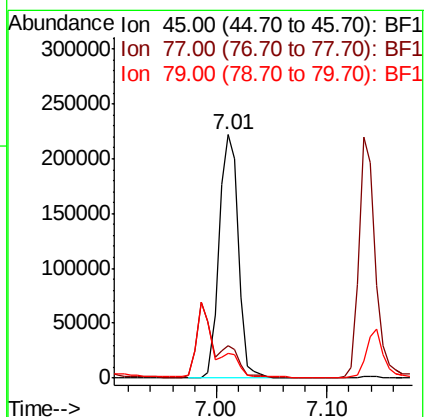
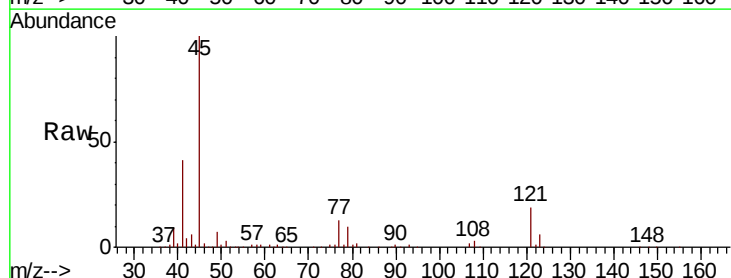
Tgt Ion: 45 Resp: 268407

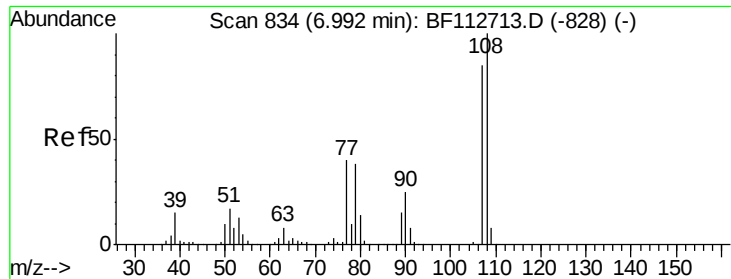
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.1

79 10.3 0.0 29.4

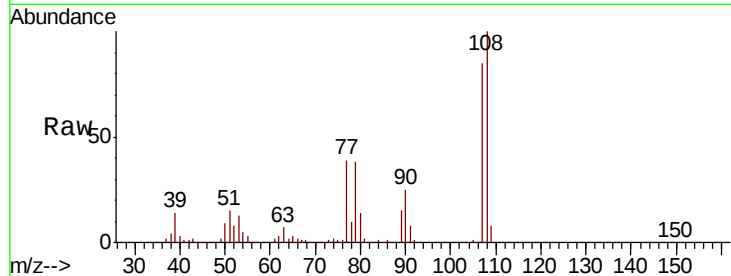




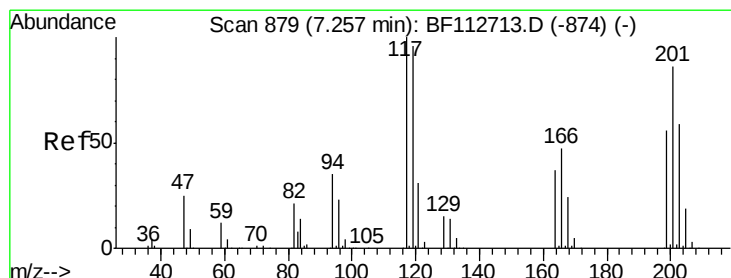
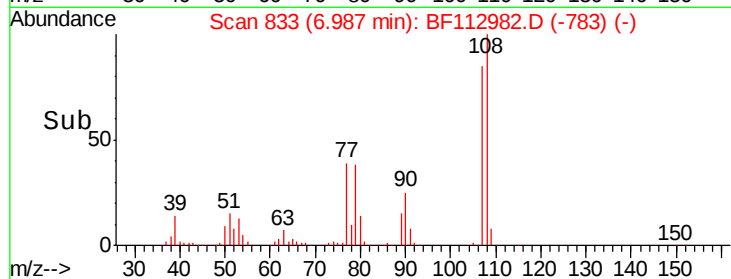
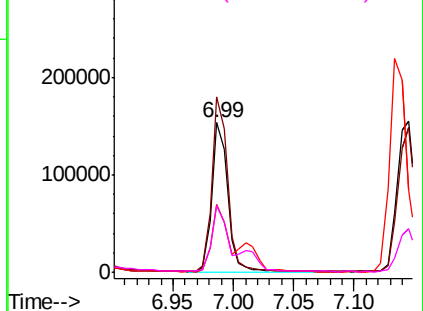
#17
2-Methylphenol
Concen: 18.754 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion:107 Resp: 138348
Ion Ratio Lower Upper
107 100
108 117.0 94.6 142.0
77 45.4 37.8 56.8
79 44.8 36.2 54.2

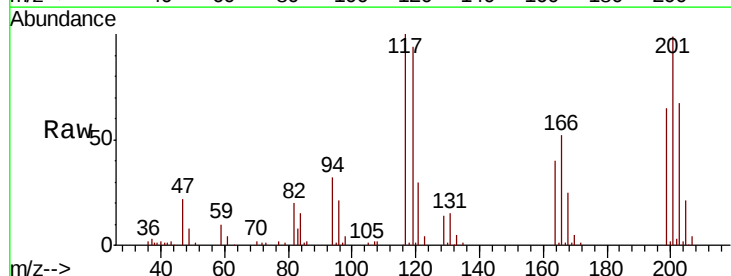


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

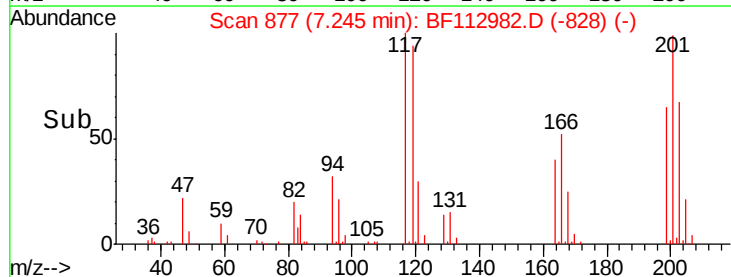
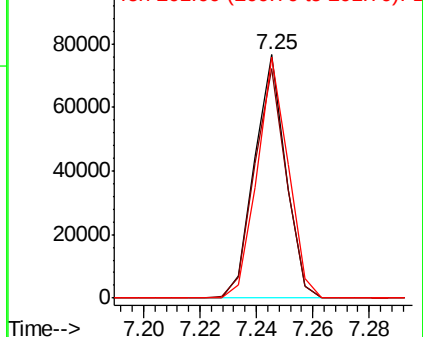


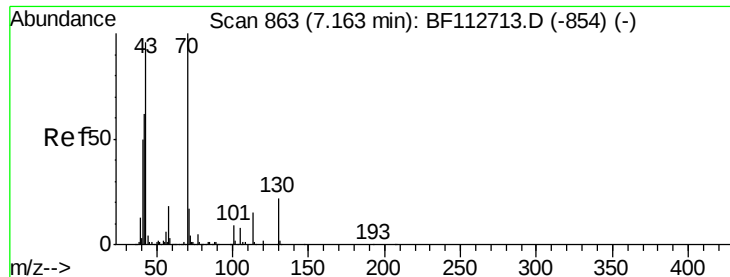
#18
Hexachloroethane
Concen: 16.254 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:117 Resp: 58656
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0
201 98.8 68.9 103.3



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

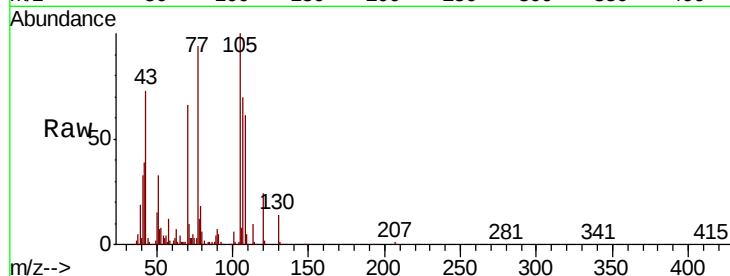




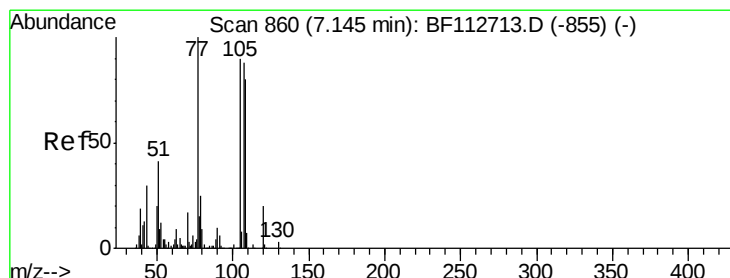
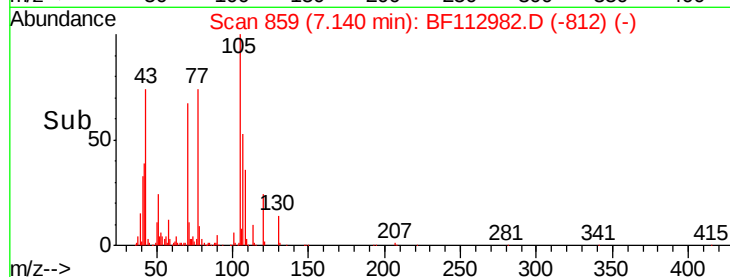
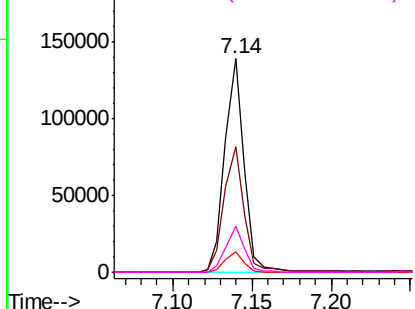
#19
n-Nitroso-di-n-propylamine
Concen: 18.291 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion: 70 Resp: 118875
Ion Ratio Lower Upper
70 100
42 58.6 49.9 74.9
101 9.4 7.4 11.2
130 21.4 17.4 26.2

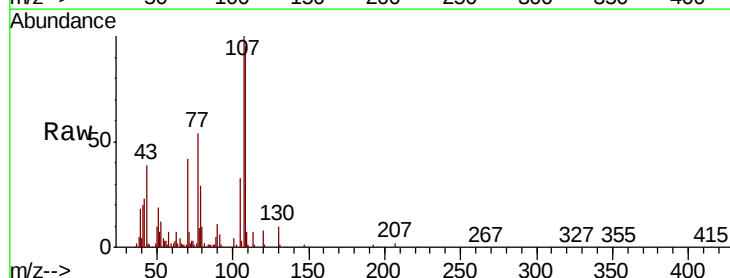


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

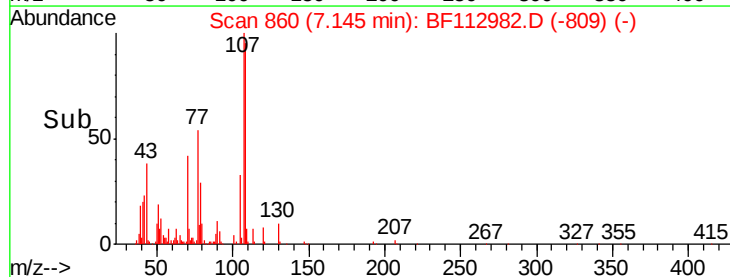
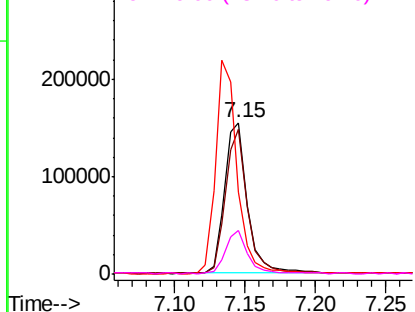


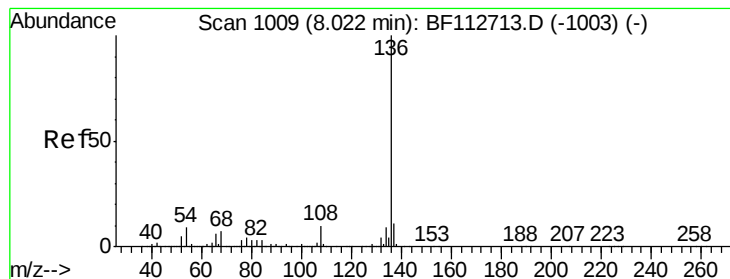
#20
3+4-Methylphenols
Concen: 21.068 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 107 Resp: 175469
Ion Ratio Lower Upper
107 100
108 95.3 71.4 111.4
77 54.3 94.1 134.1#
79 28.6 8.6 48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

Tgt Ion:136 Resp: 490496

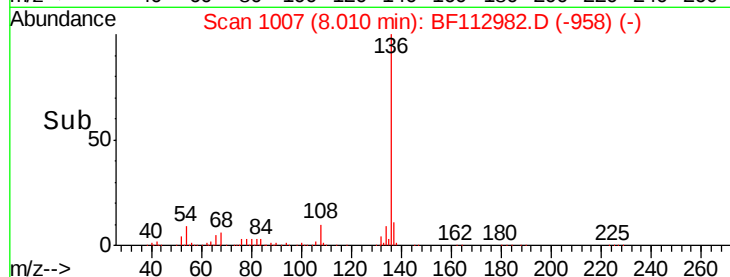
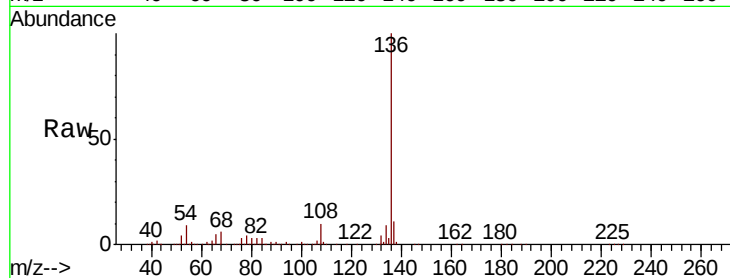
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 7.3 10.9

68 6.2 5.4 8.2

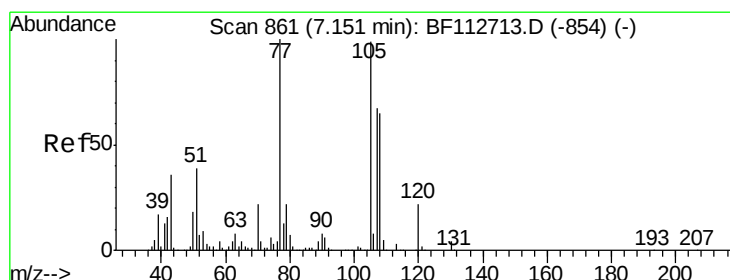
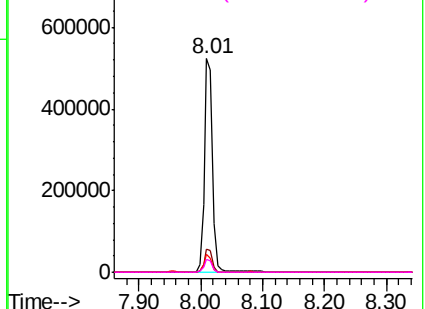


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 20.545 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Tgt Ion:105 Resp: 235633

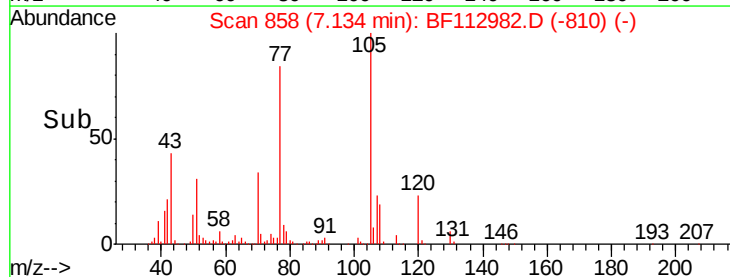
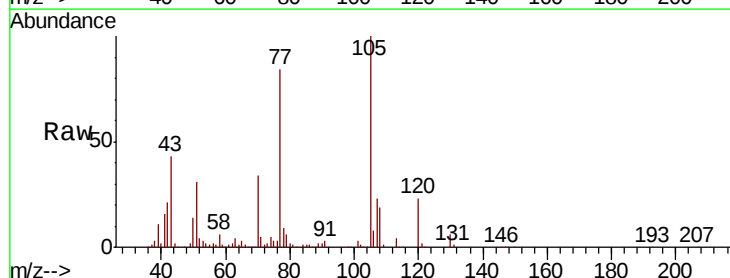
Ion Ratio Lower Upper

105 100

71 5.3 3.0 4.4#

51 30.7 31.5 47.3#

120 22.9 18.1 27.1

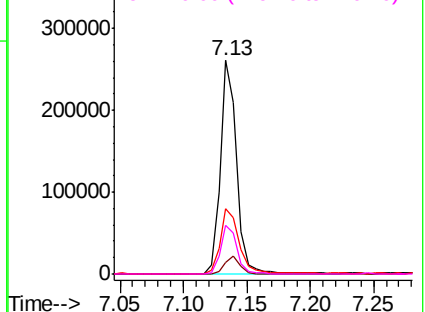


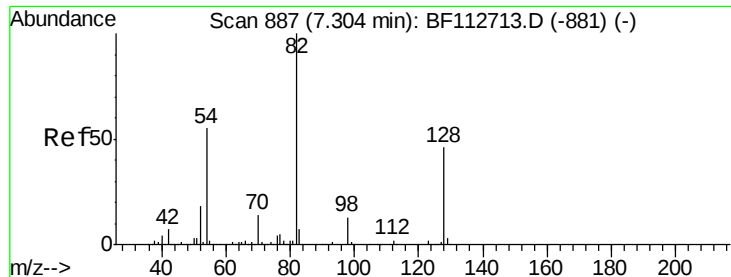
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

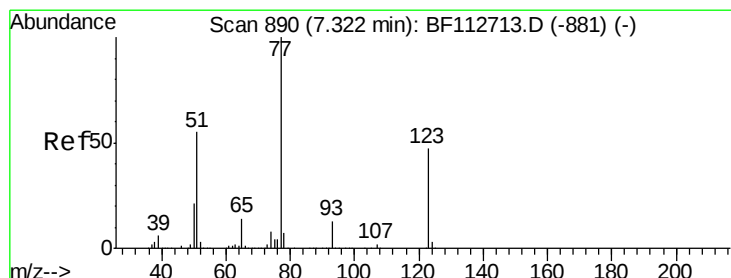
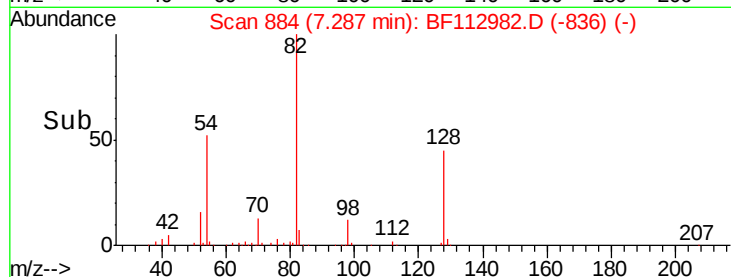
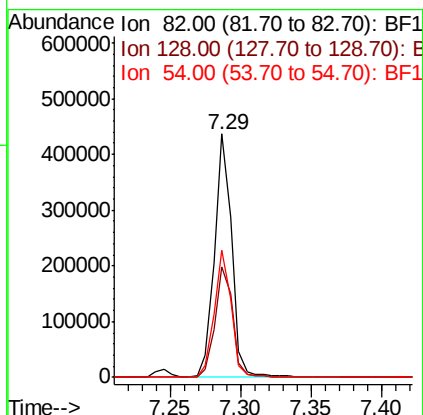
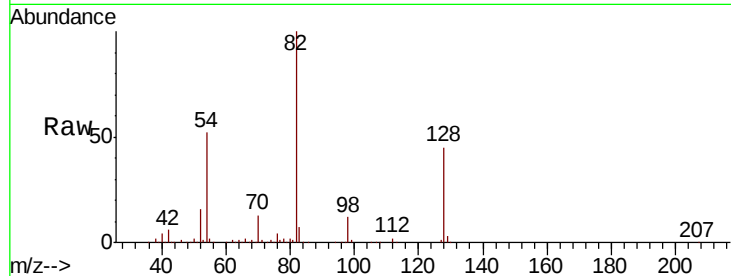




#23
Nitrobenzene-d5
Concen: 45.459 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

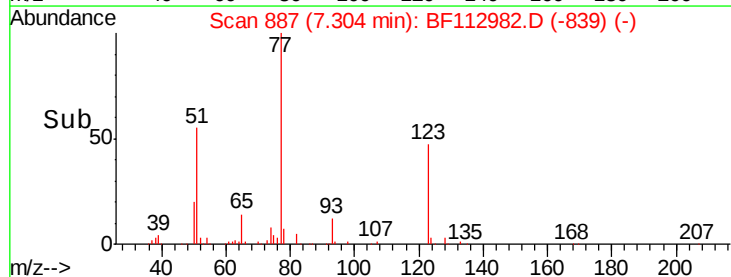
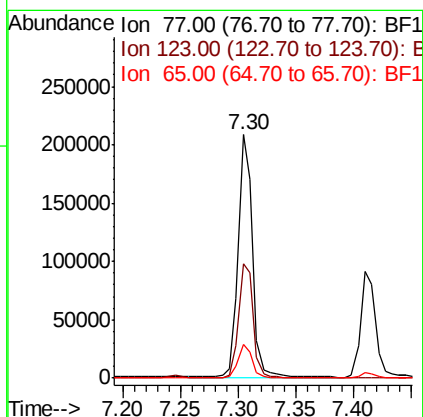
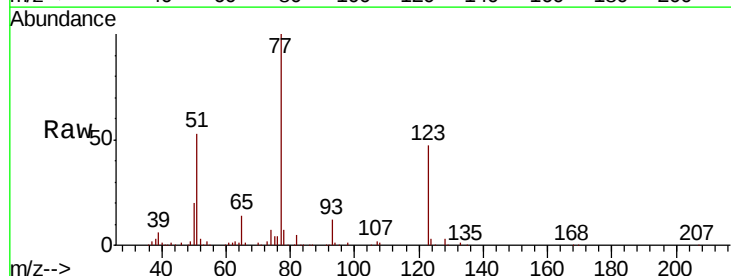
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	52.5	43.7	65.5



#24
Nitrobenzene
Concen: 19.592 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.8	56.6
65	13.6	11.1	16.7

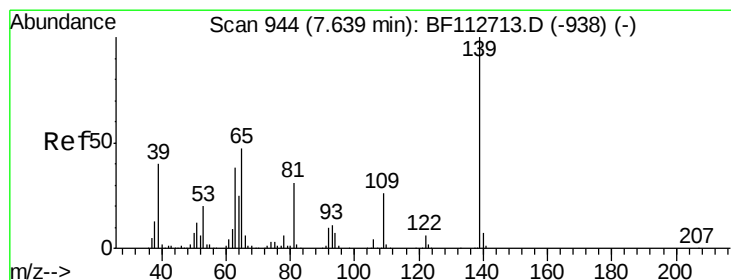
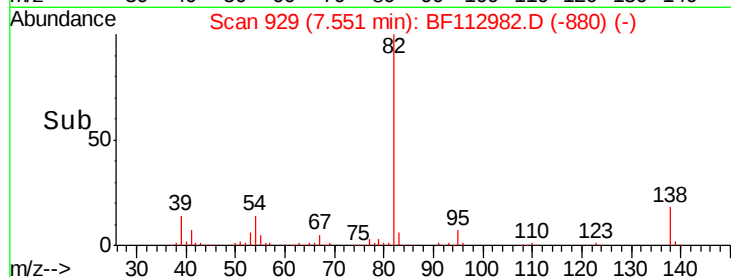
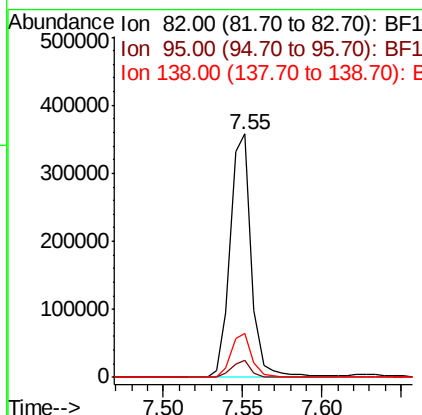
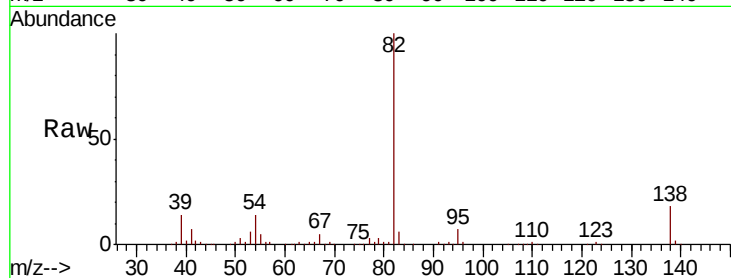




#25
Isophorone
Concen: 18.758 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

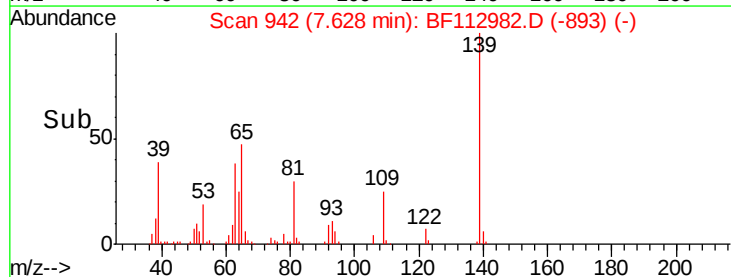
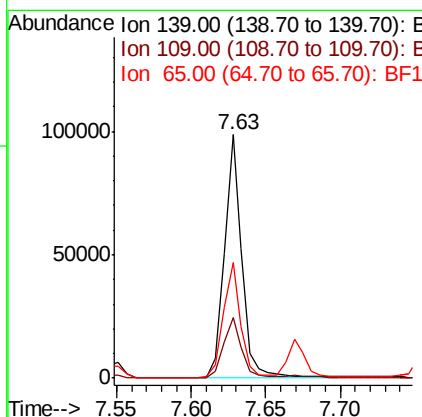
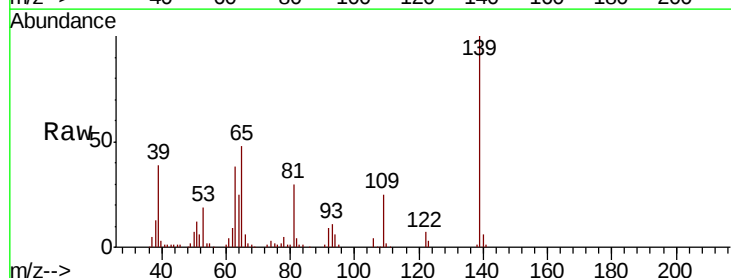
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

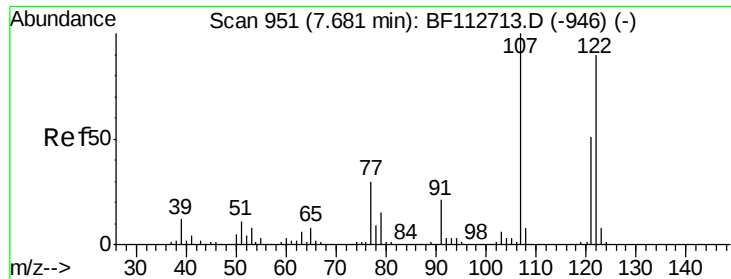
Tgt Ion: 82 Resp: 331260
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 18.3 13.8 20.8



#26
2-Nitrophenol
Concen: 21.659 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 139 Resp: 82258
Ion Ratio Lower Upper
139 100
109 24.7 20.6 31.0
65 47.5 37.9 56.9

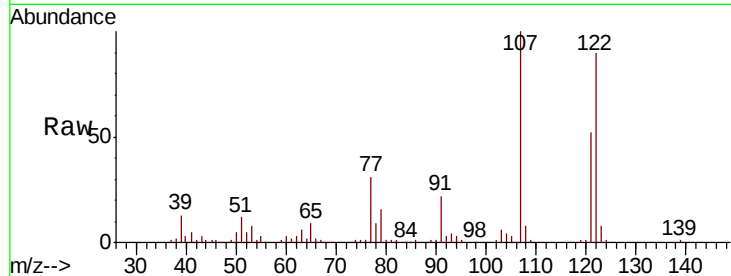




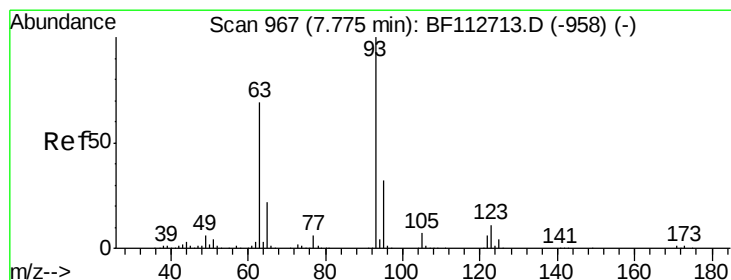
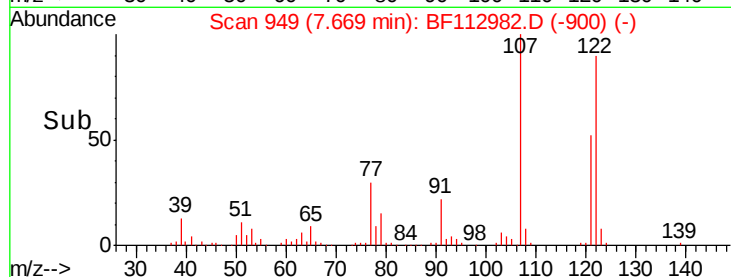
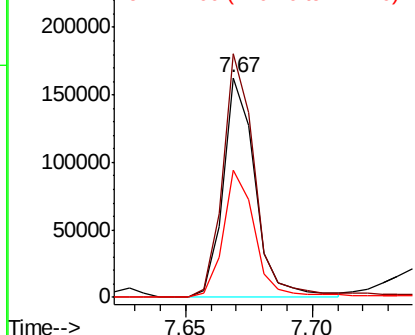
#27
 2,4-Dimethylphenol
 Concen: 20.388 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion:122 Resp: 144052
 Ion Ratio Lower Upper
 122 100
 107 110.8 89.4 134.0
 121 57.7 45.5 68.3

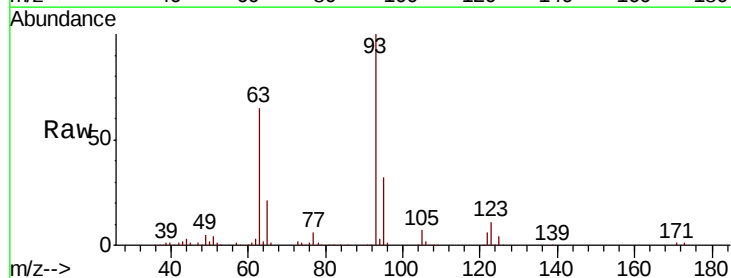


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

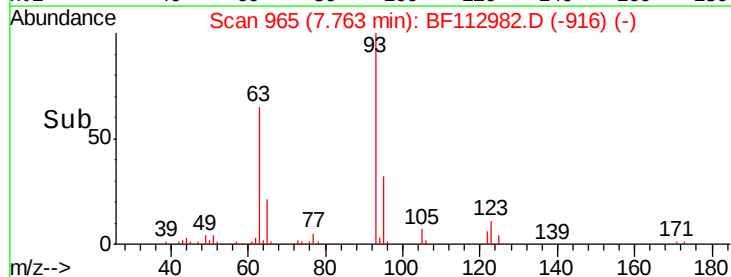
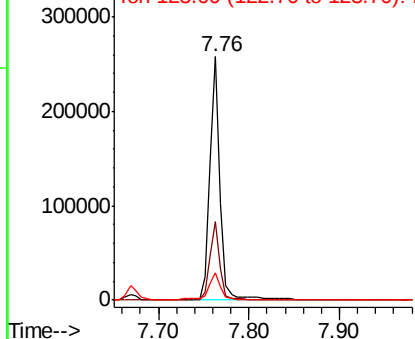


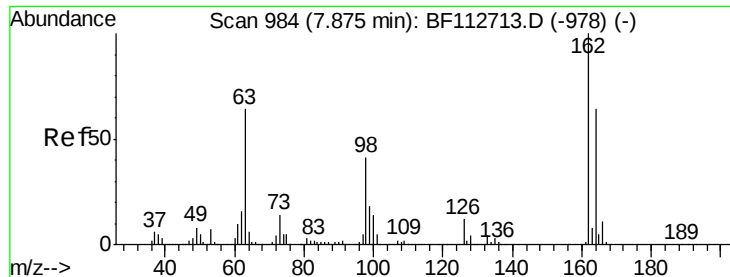
#28
 bis(2-Chloroethoxy)methane
 Concen: 18.902 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion: 93 Resp: 208693
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.4 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

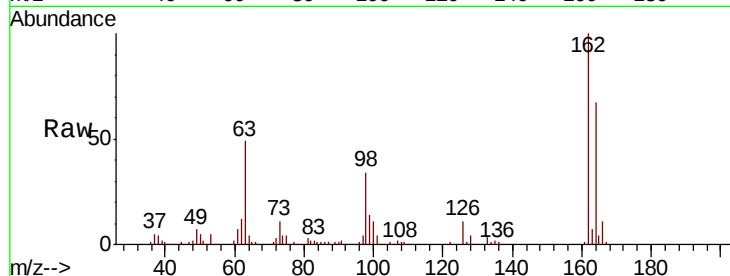




#29
2,4-Dichlorophenol
Concen: 21.623 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.0	84.0
98	34.5	20.7	60.7

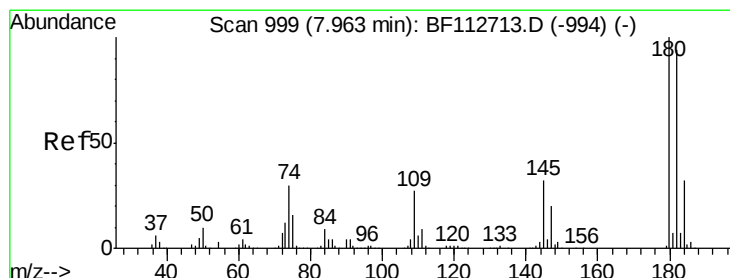
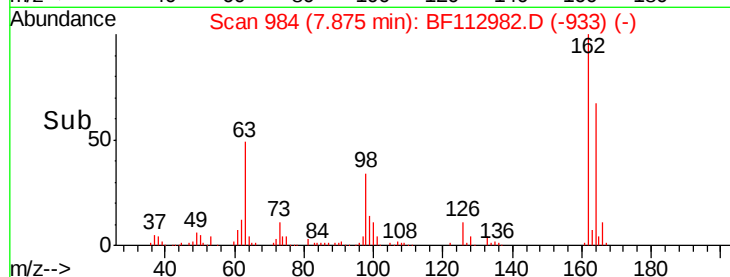
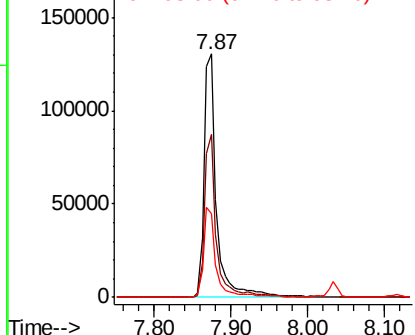


Abundance

Ion 162.00 (161.70 to 162.70): E

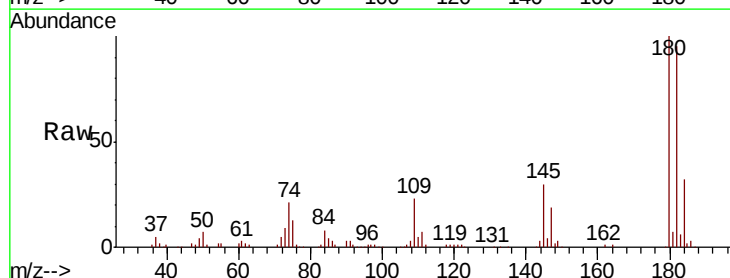
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 21.794 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
145	30.1	25.4	38.0

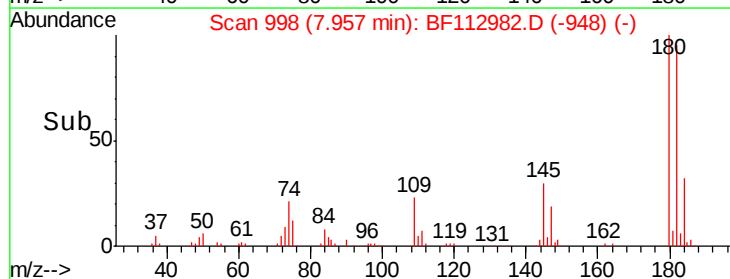
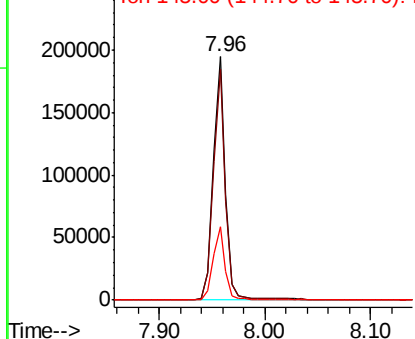


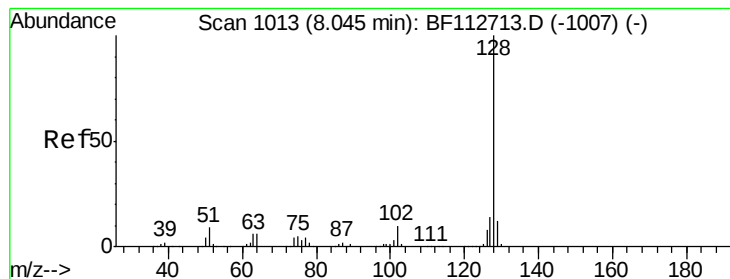
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 21.111 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

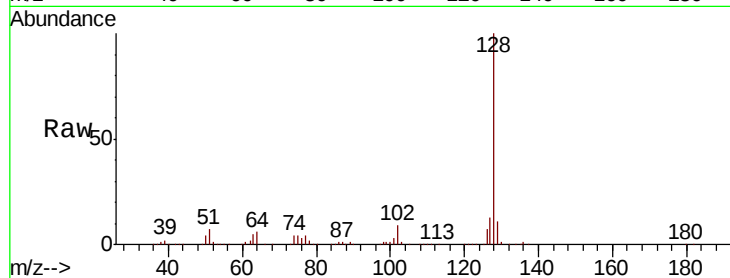
Tgt Ion:128 Resp: 514084

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

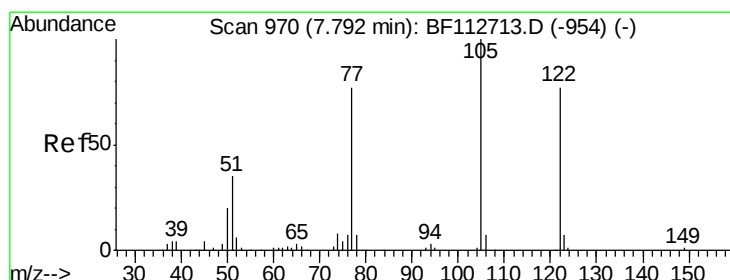
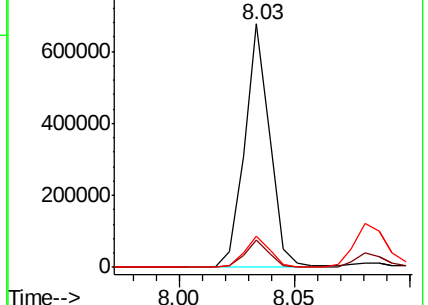
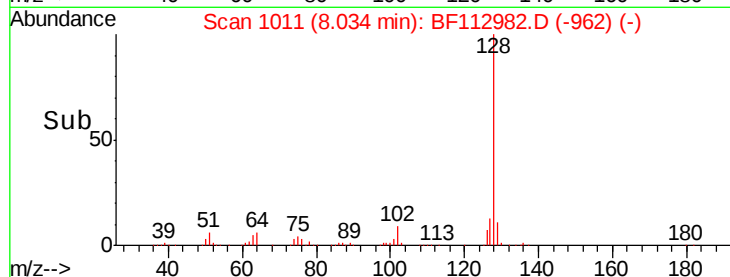
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.353 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

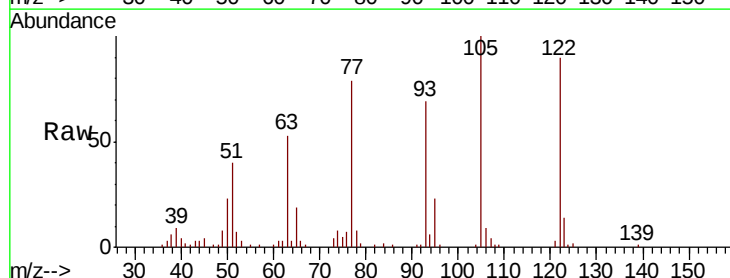
Tgt Ion:122 Resp: 85933

Ion Ratio Lower Upper

122 100

105 110.8 106.8 146.8

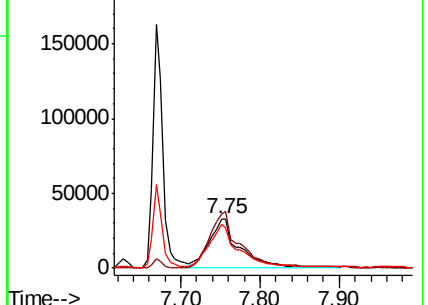
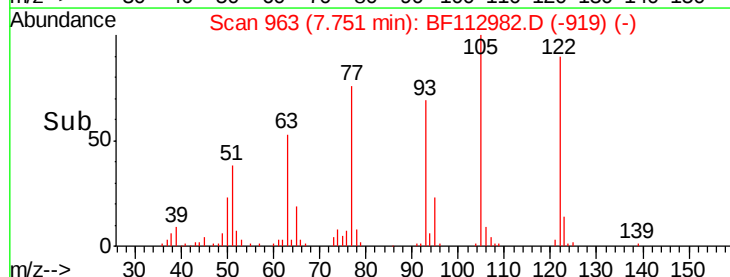
77 87.9 79.4 119.4

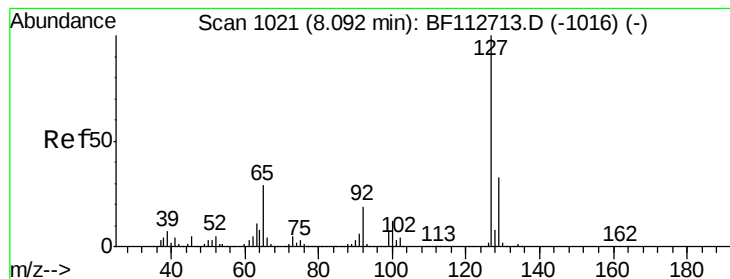


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.844 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

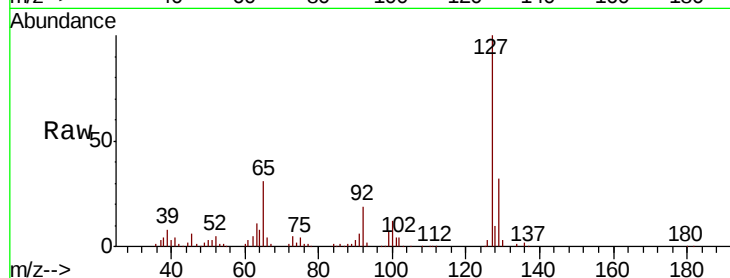
Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

Tgt Ion:	127	Resp:	142789
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	31.0	23.1	34.7
92	18.6	14.9	22.3

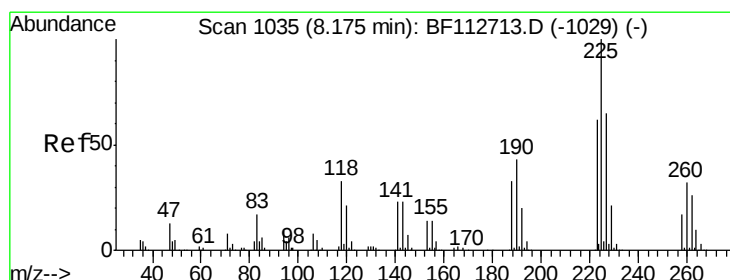
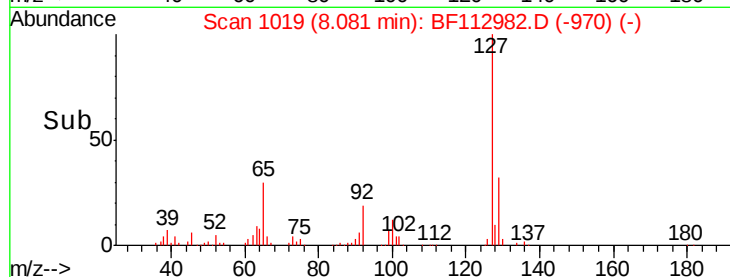
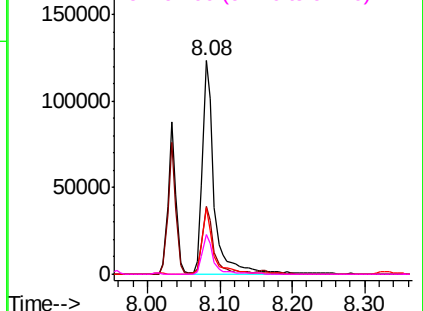


Abundance Ion 127.00 (126.70 to 127.70): E

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: 22.055 ng

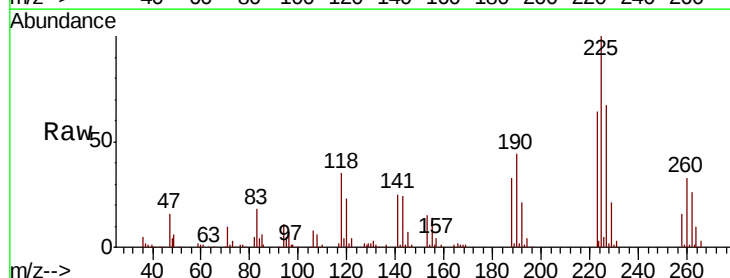
RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

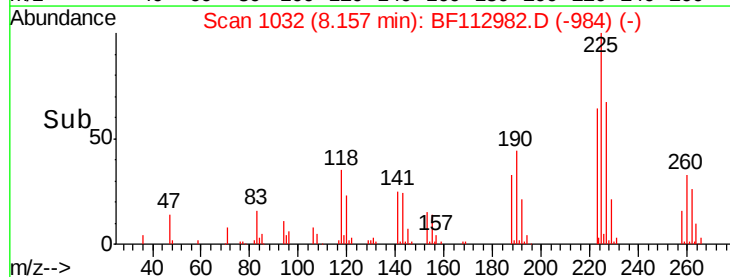
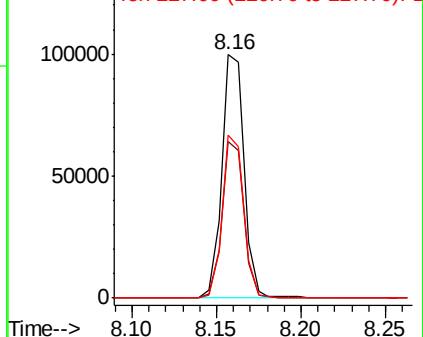
Tgt Ion:	225	Resp:	91573
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	66.8	52.1	78.1

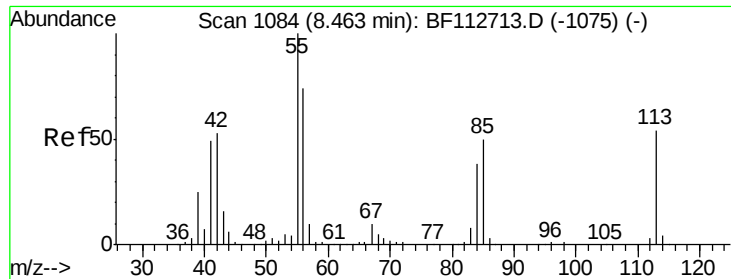


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

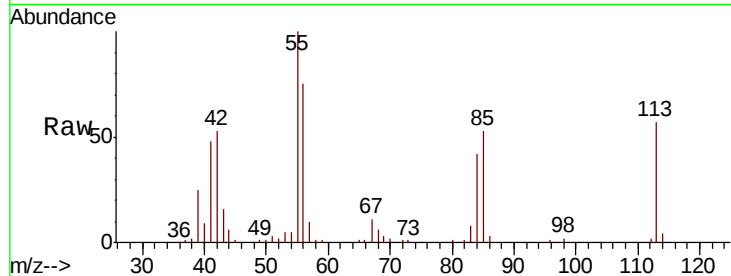




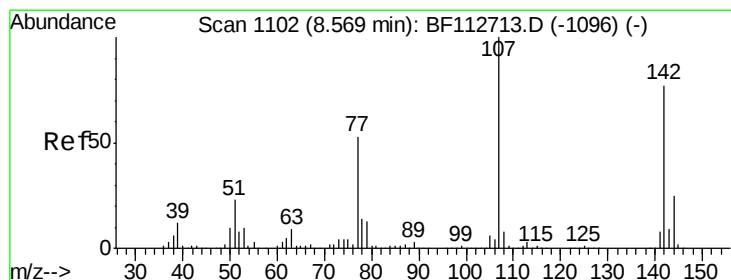
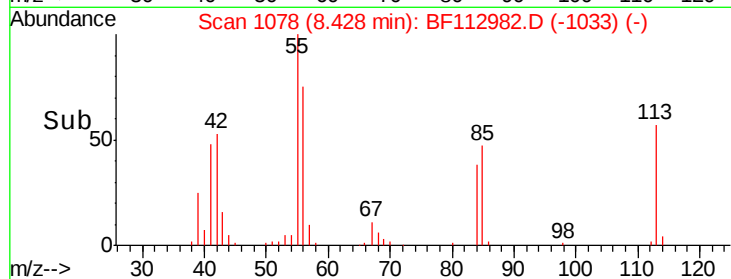
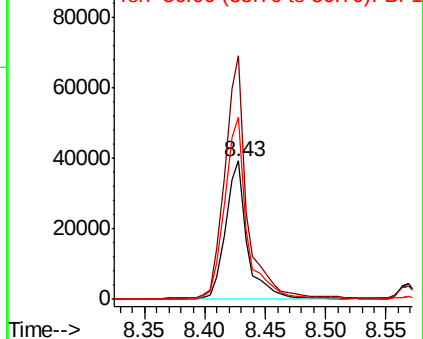
#35
 Caprolactam
 Concen: 20.347 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion:113 Resp: 49102
 Ion Ratio Lower Upper
 113 100
 55 176.2 163.5 203.5
 56 132.3 115.3 155.3

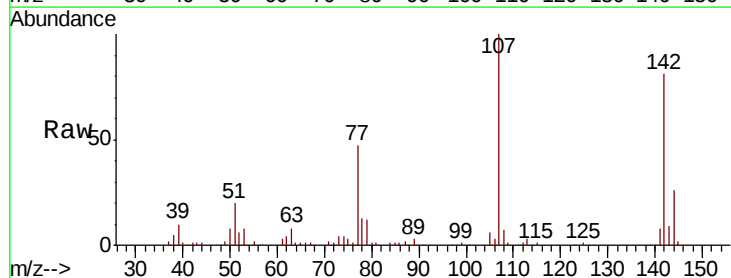


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

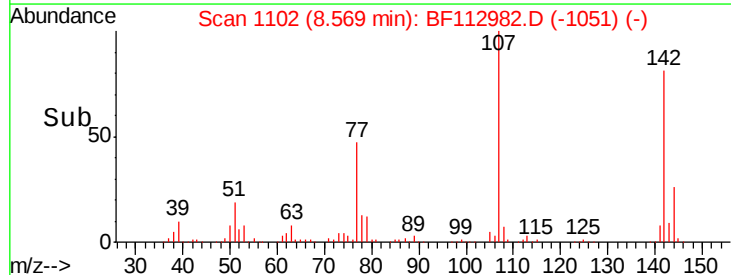
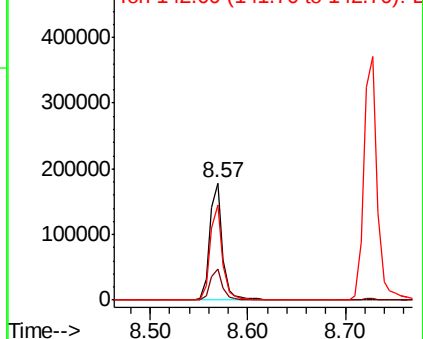


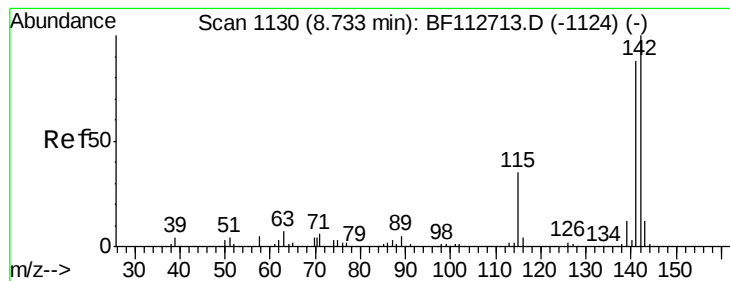
#36
 4-Chloro-3-methylphenol
 Concen: 21.001 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion:107 Resp: 159245
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 80.8 61.9 92.9



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

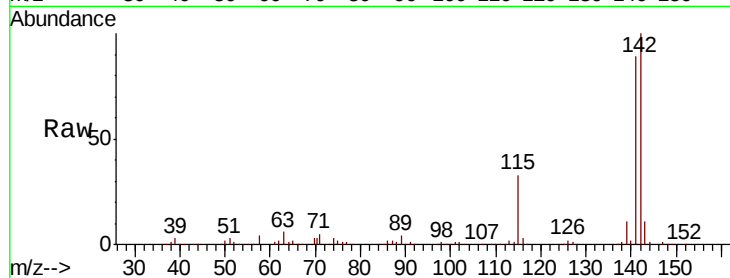




#37
2-Methylnaphthalene
Concen: 22.442 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	32.6	27.8	41.6

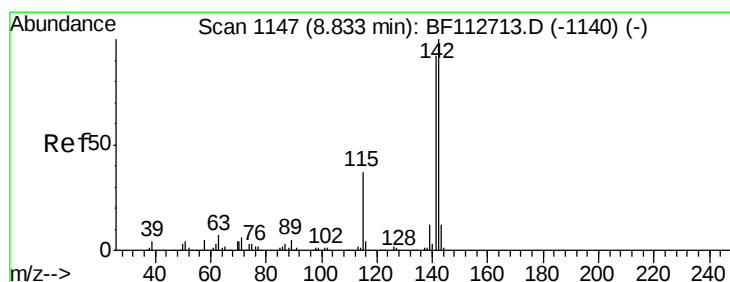
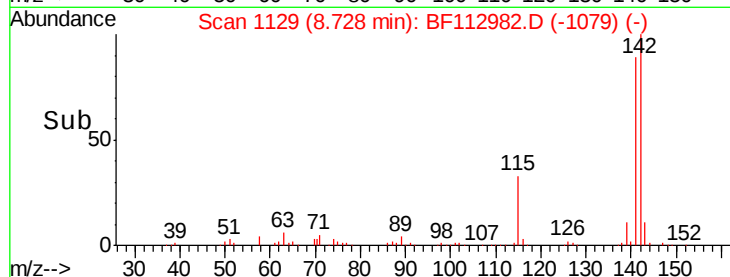
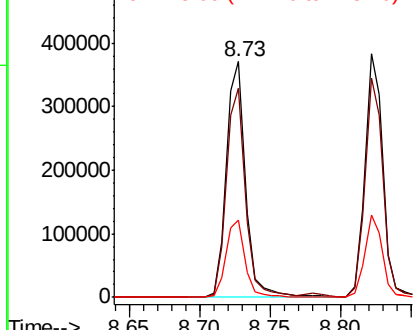


Abundance

Ion 142.00 (141.70 to 142.70): E

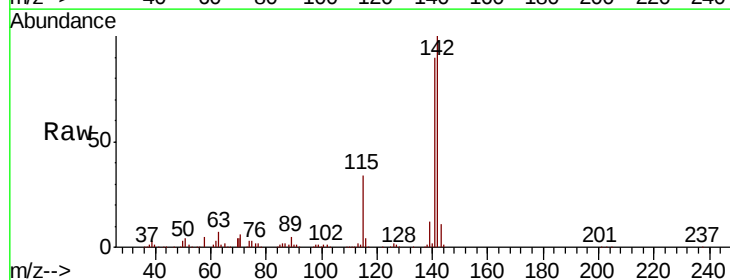
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 21.918 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.5	3.1	4.7

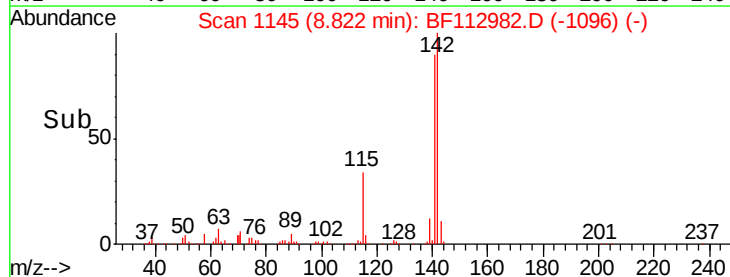
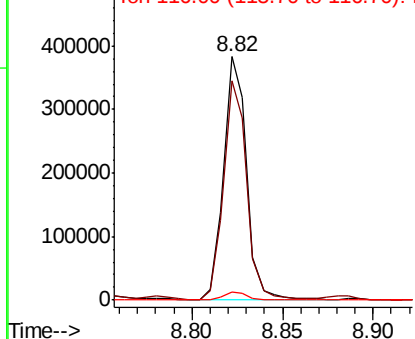


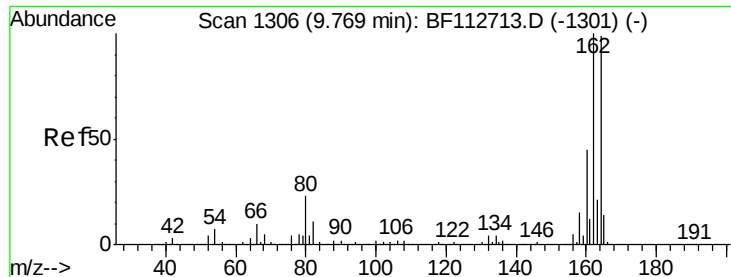
Abundance

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

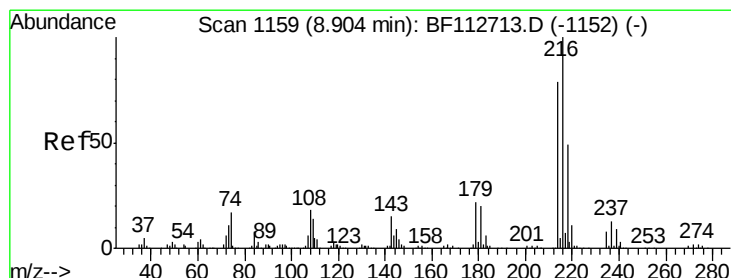
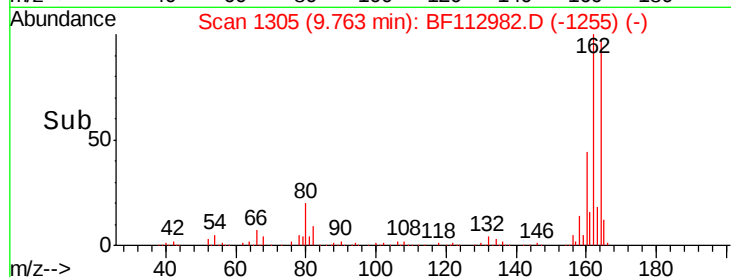
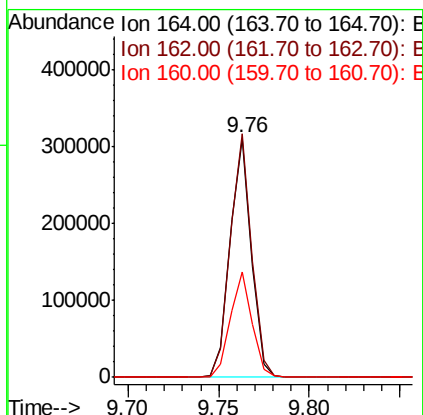
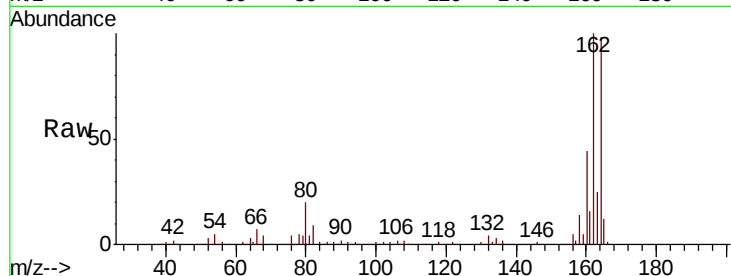




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

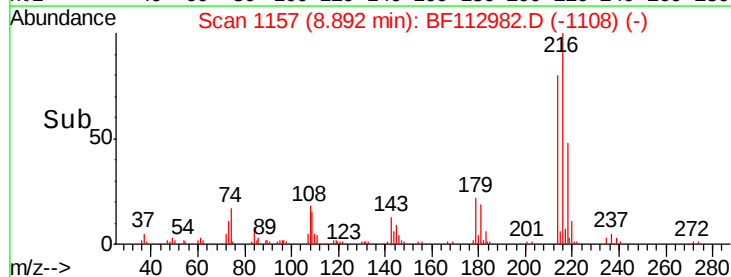
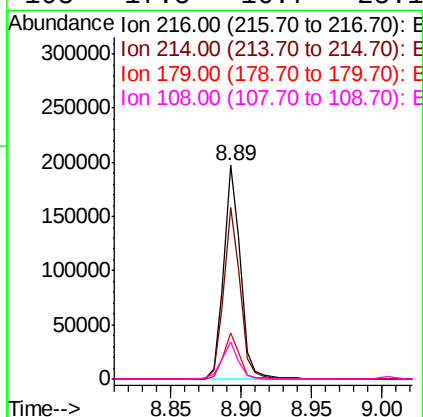
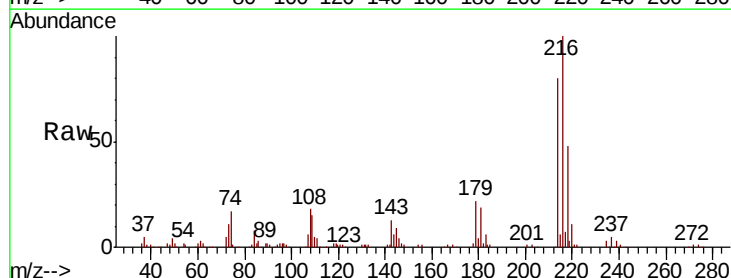
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

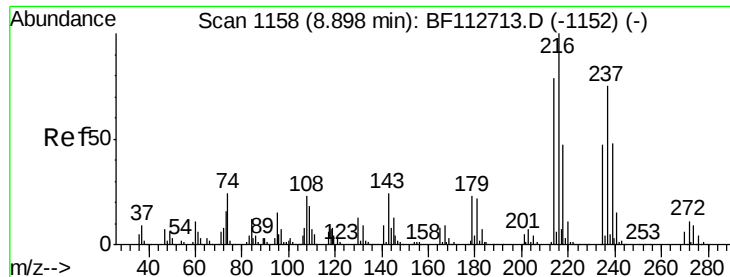
Tgt Ion:164 Resp: 254621
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 44.3 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.842 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion:216 Resp: 162180
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.2 94.8
 179 20.4 17.5 26.3
 108 17.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 11.521 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

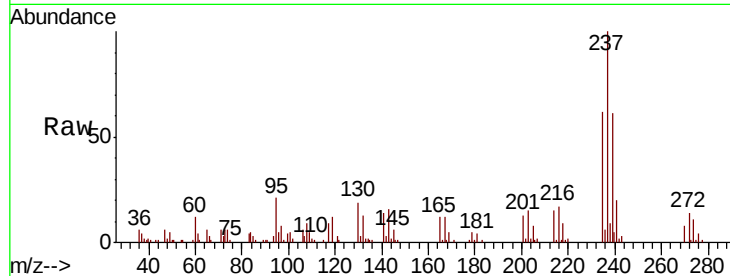
Tgt Ion:237 Resp: 46845

Ion Ratio Lower Upper

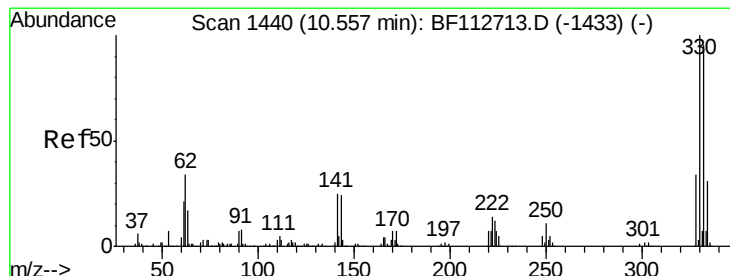
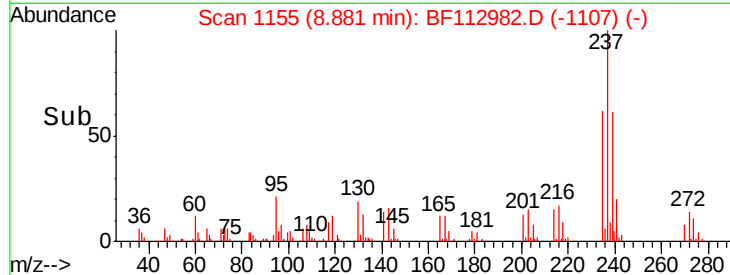
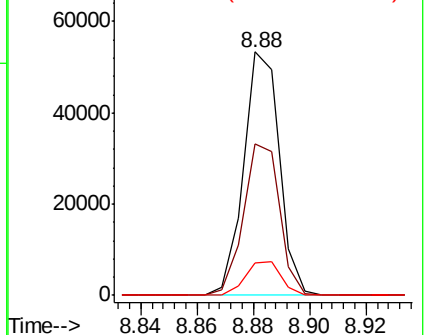
237 100

235 62.1 42.2 82.2

272 13.6 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 83.181 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

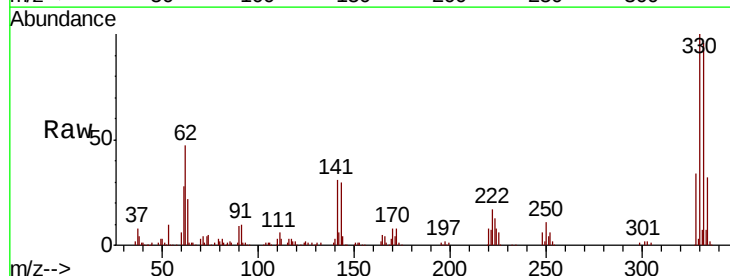
Tgt Ion:330 Resp: 224849

Ion Ratio Lower Upper

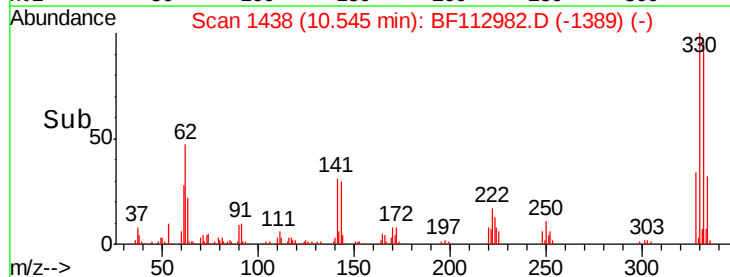
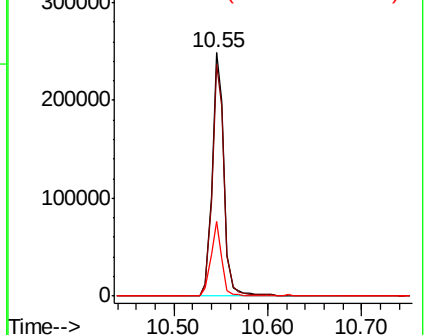
330 100

332 95.9 76.2 114.4

141 28.2 27.0 40.6



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

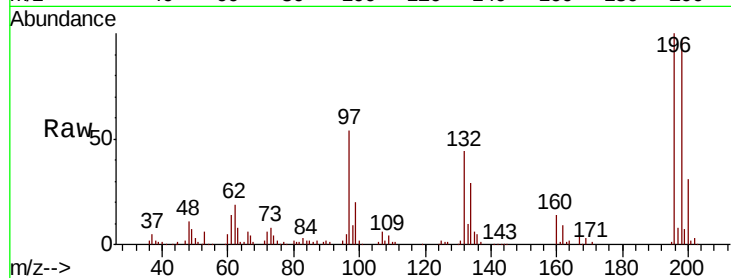




#43
 2,4,6-Trichlorophenol
 Concen: 21.989 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.8	113.8
200	30.8	24.3	36.5

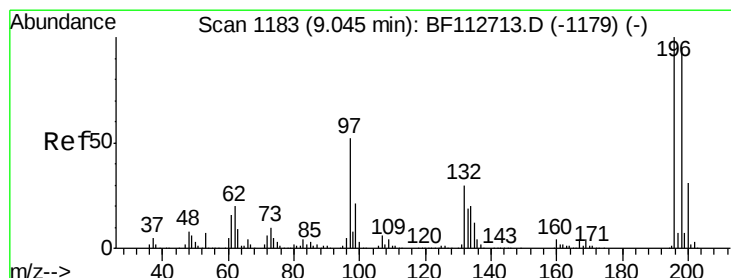
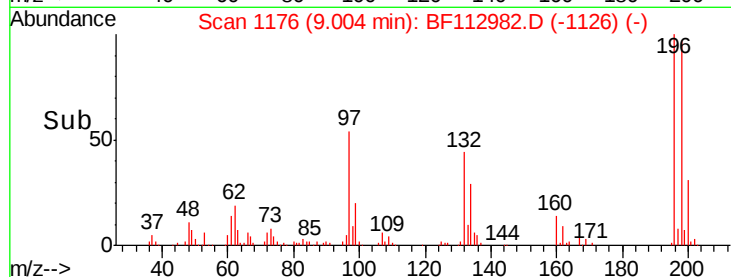
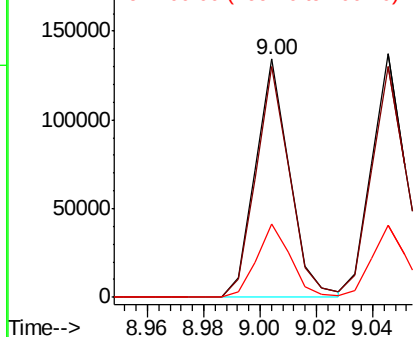


Abundance

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: 22.437 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
97	45.9	41.5	62.3
132	26.6	23.9	35.9

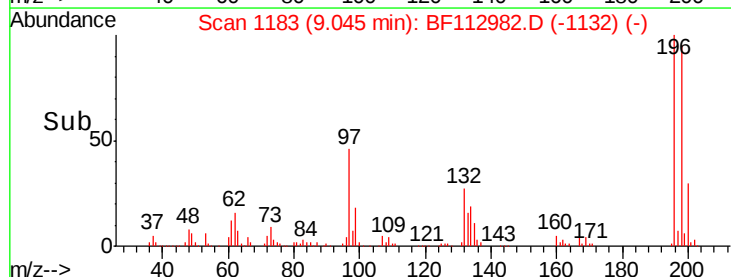
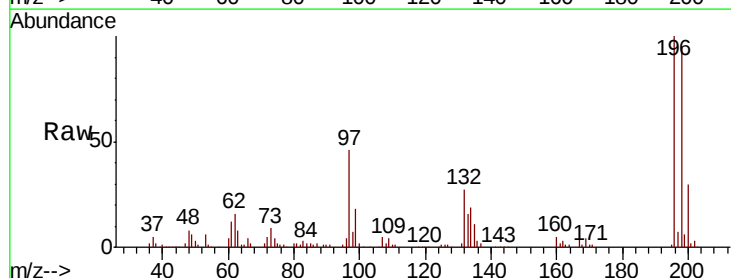
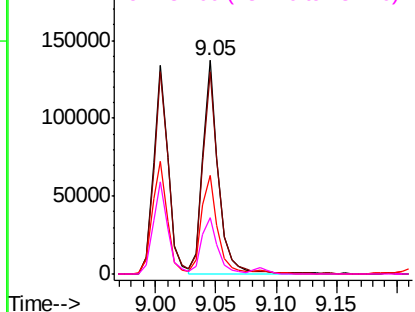
Abundance

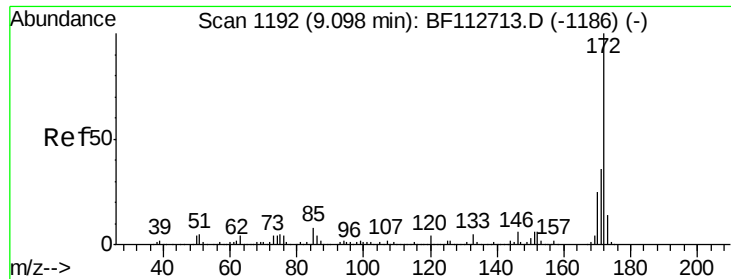
Ion 196.00 (195.70 to 196.70): E

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

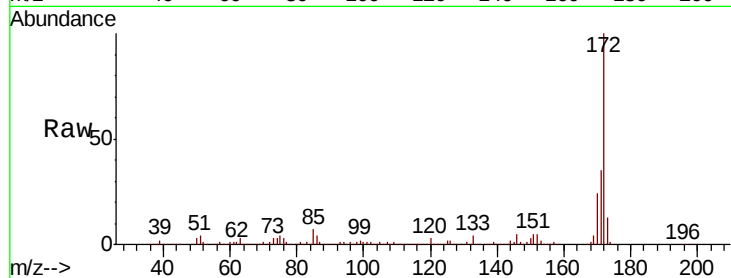




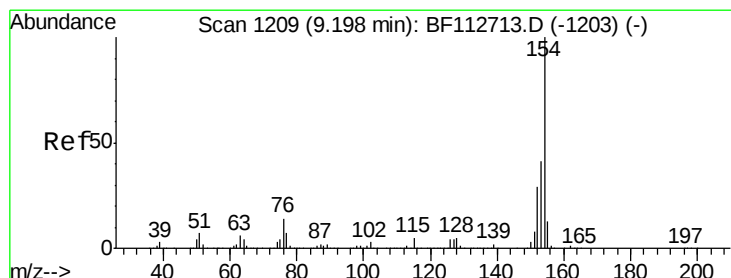
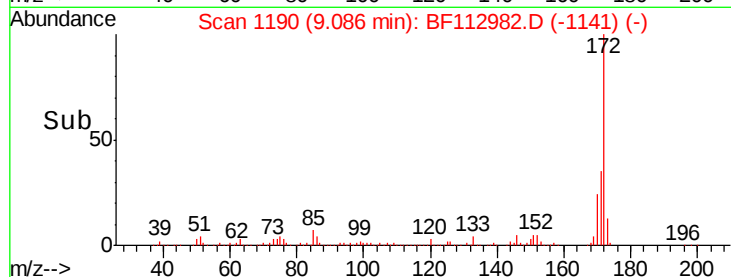
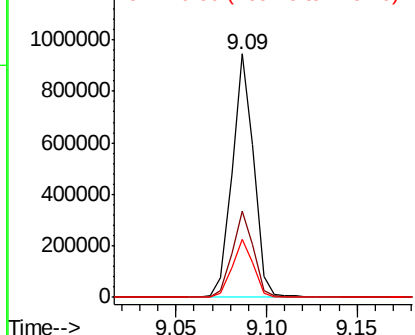
#45
2-Fluorobiphenyl
Concen: 44.867 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion:172 Resp: 782262
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.7 20.0 30.0

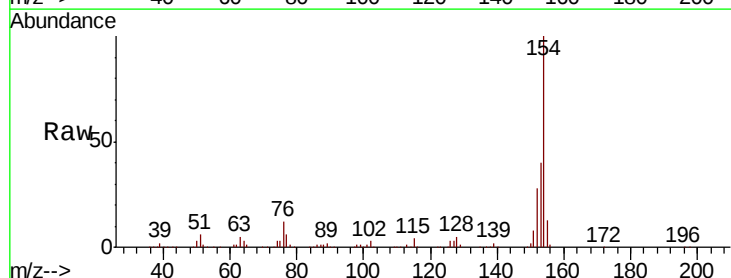


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

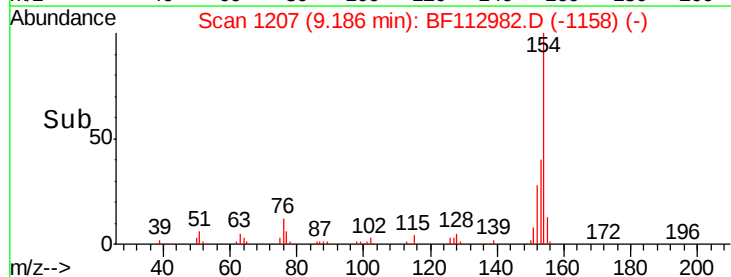
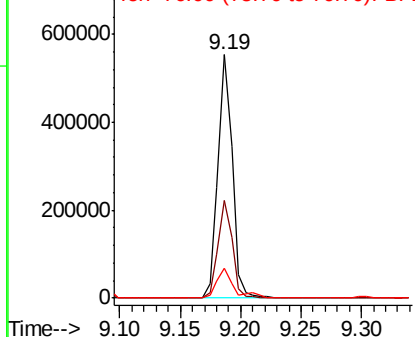


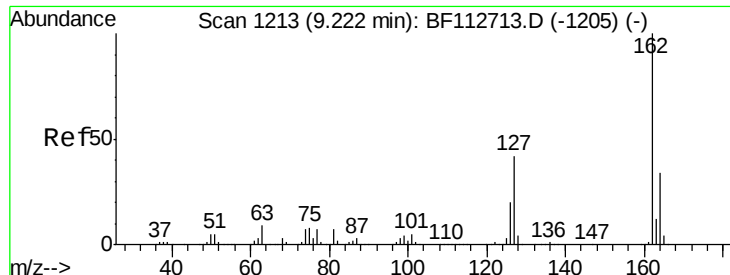
#46
1,1'-Biphenyl
Concen: 21.590 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:154 Resp: 448390
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 12.3 0.0 33.8



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

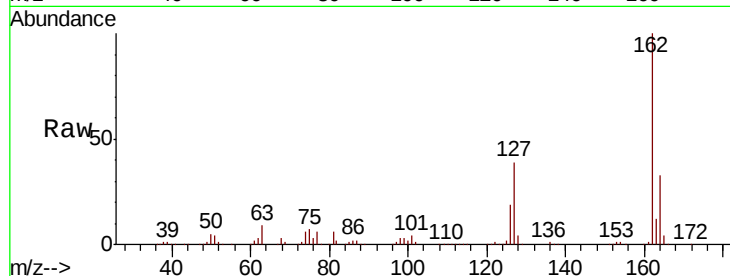




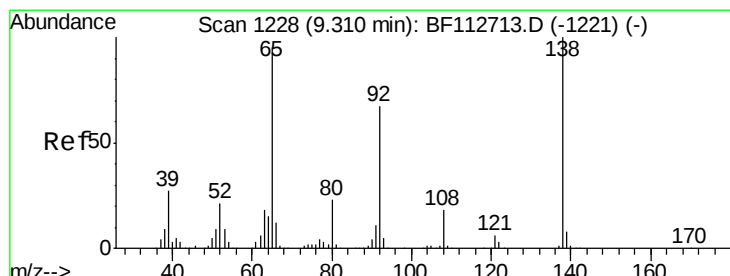
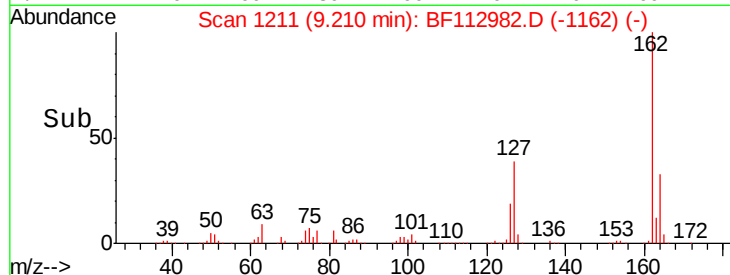
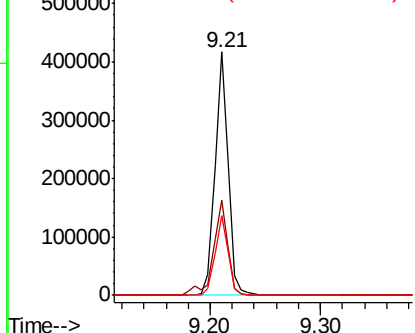
#47
2-Chloronaphthalene
Concen: 21.063 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion: 162 Resp: 341578
Ion Ratio Lower Upper
162 100
127 39.0 33.4 50.2
164 32.8 26.9 40.3

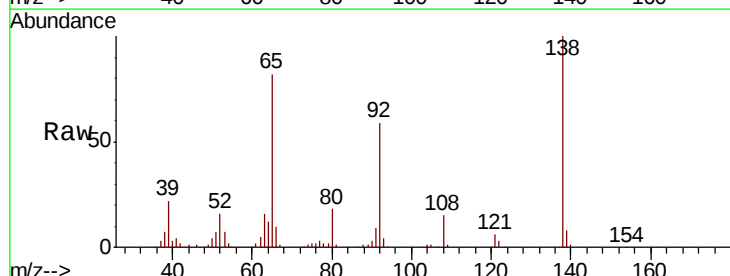


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

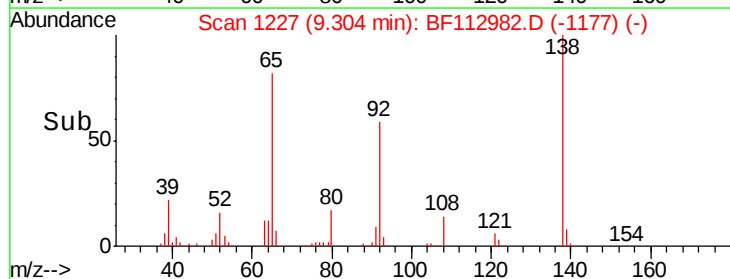
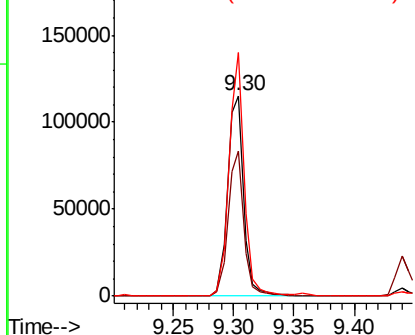


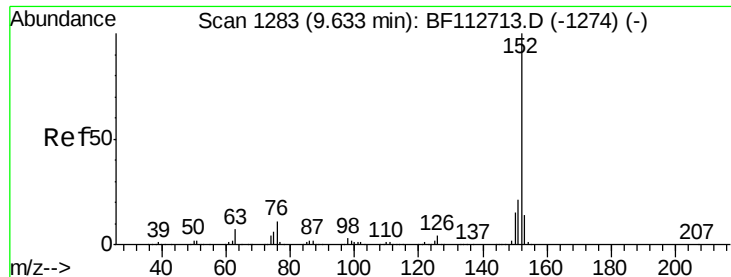
#48
2-Nitroaniline
Concen: 21.863 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 65 Resp: 107768
Ion Ratio Lower Upper
65 100
92 72.1 56.4 84.6
138 121.6 84.6 126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

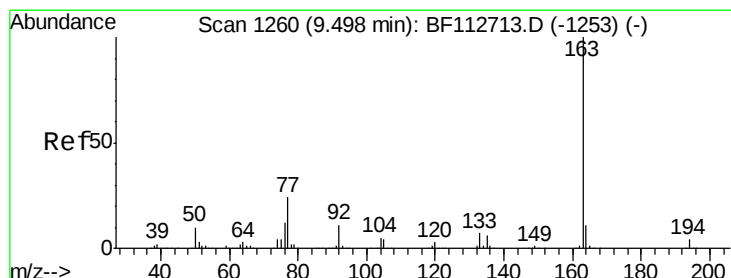
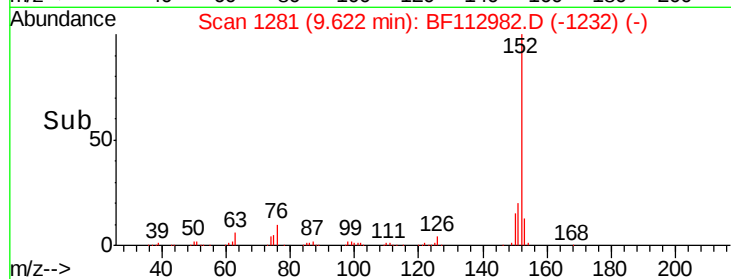
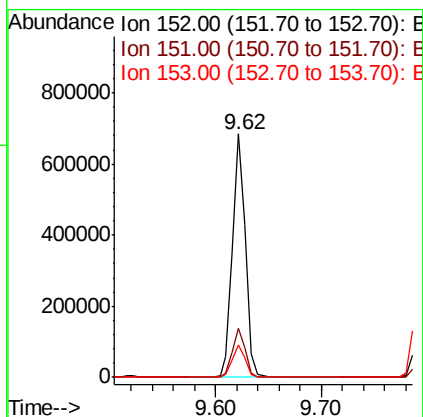
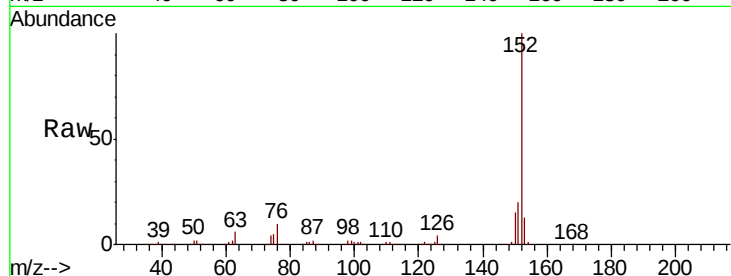




#49
Acenaphthylene
Concen: 20.665 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

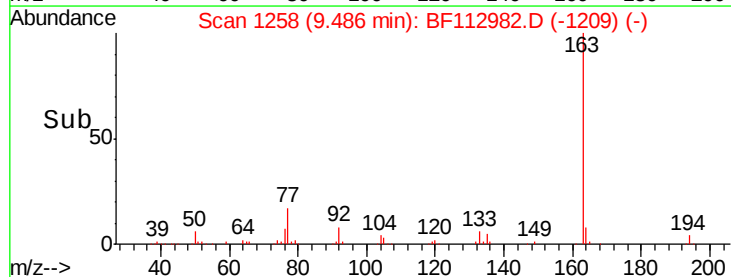
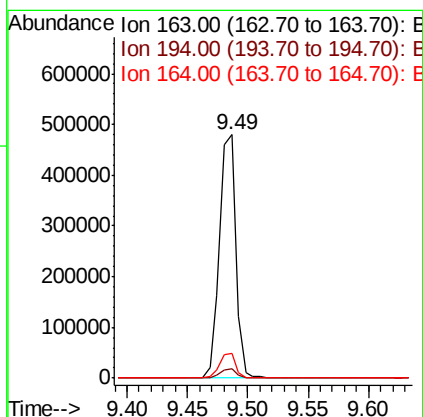
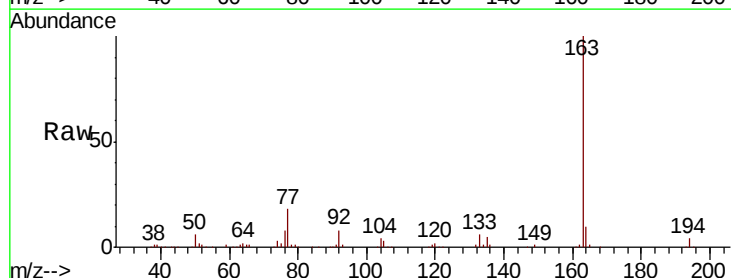
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

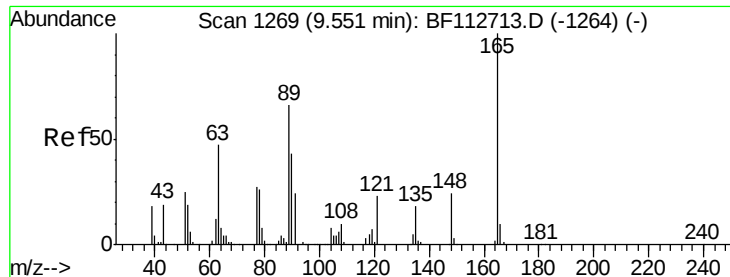
Tgt Ion:152 Resp: 568924
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.3 11.0 16.6



#50
Dimethylphthalate
Concen: 23.904 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:163 Resp: 448781
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 22.069 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

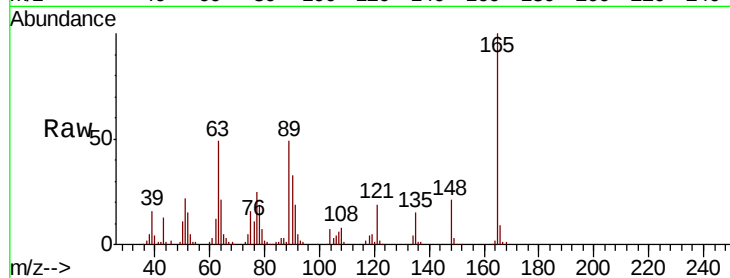
Tgt Ion:165 Resp: 86283

Ion Ratio Lower Upper

165 100

63 49.0 54.1 81.1#

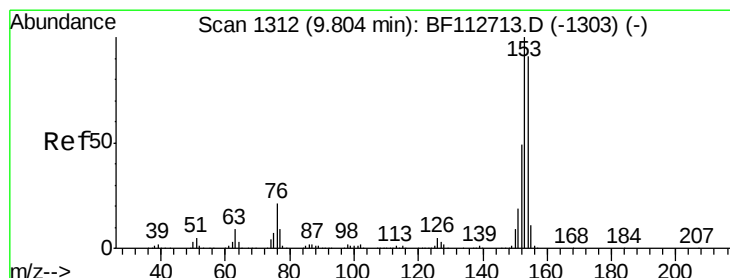
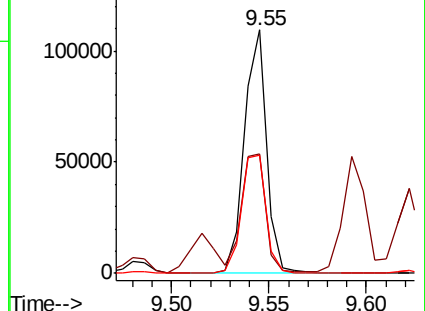
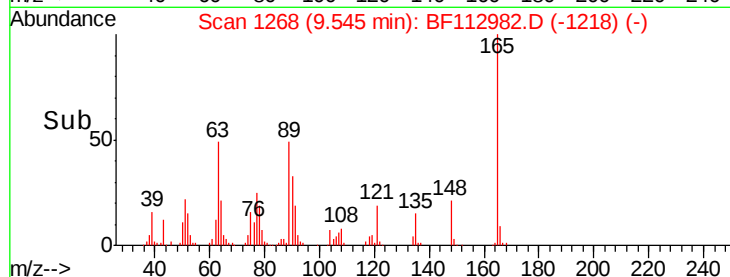
89 48.5 52.8 79.2#



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: 20.872 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

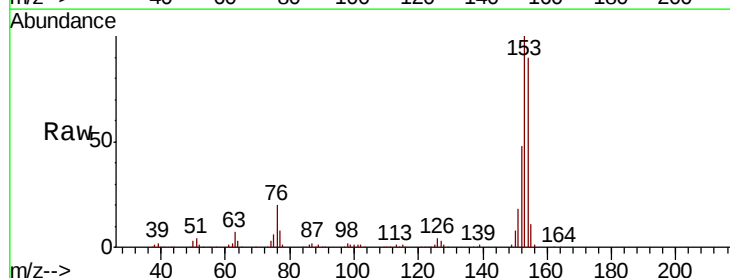
Tgt Ion:154 Resp: 336024

Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.8

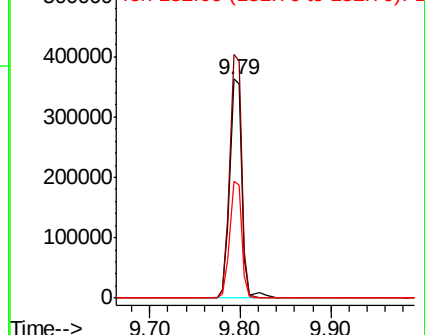
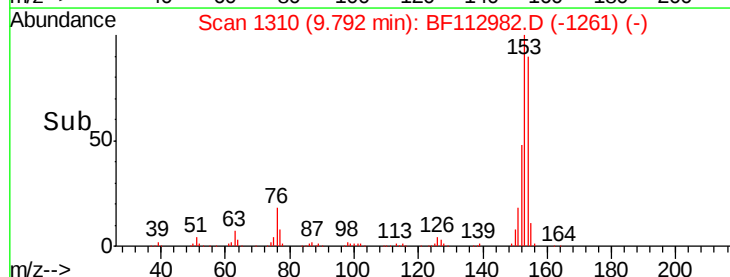
152 53.4 43.0 64.6

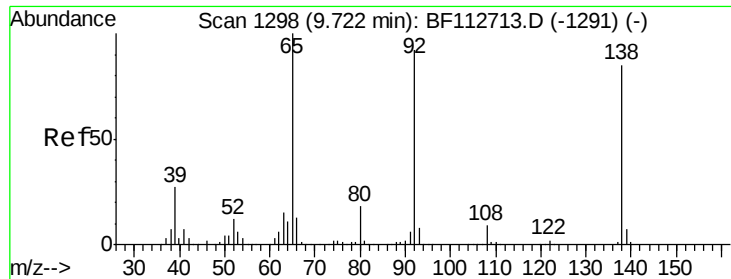


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

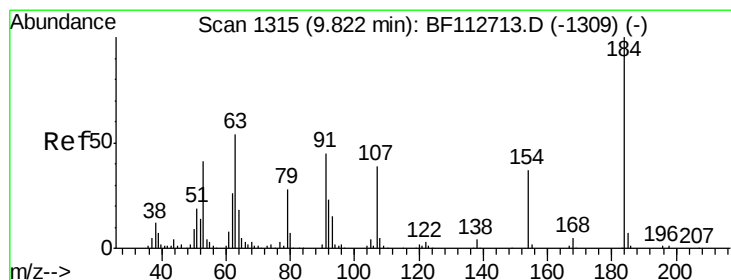
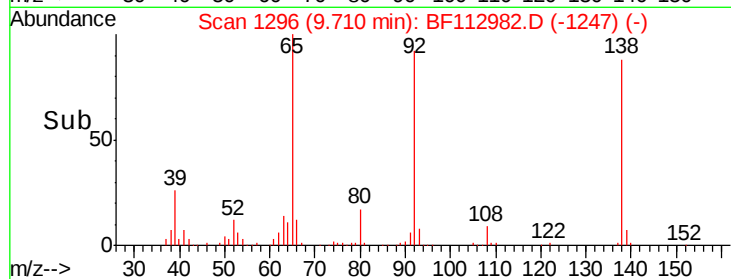
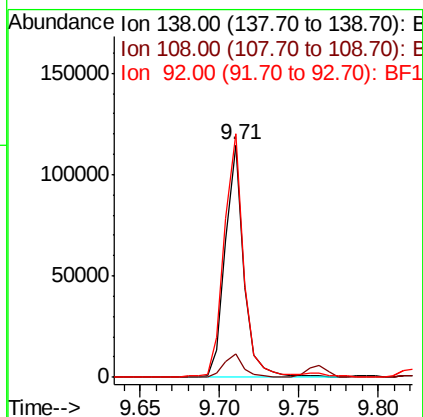
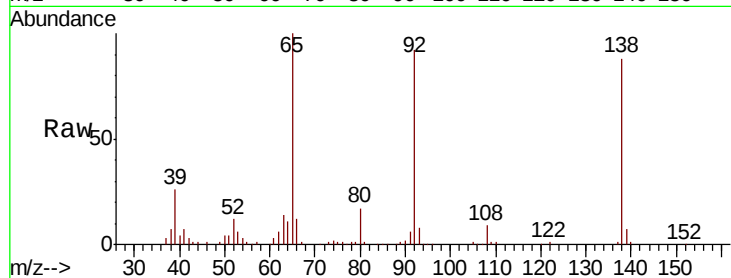




#53
3-Nitroaniline
Concen: 19.698 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

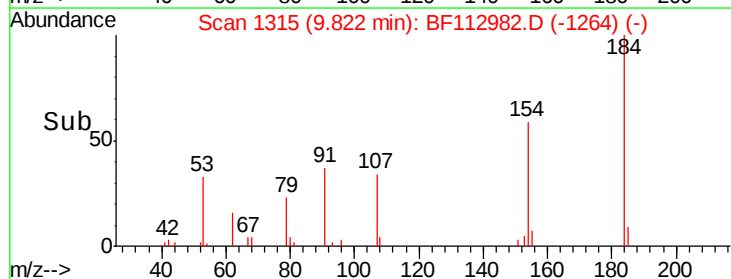
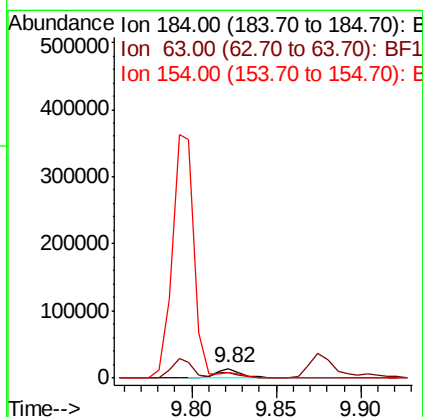
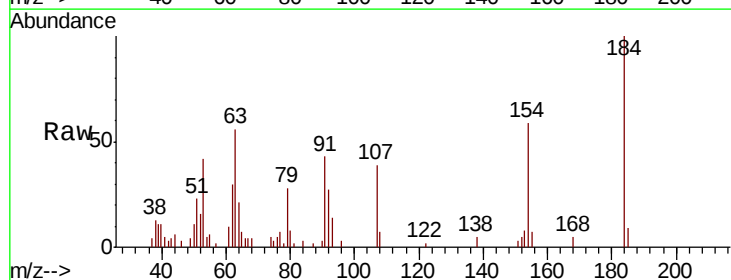
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

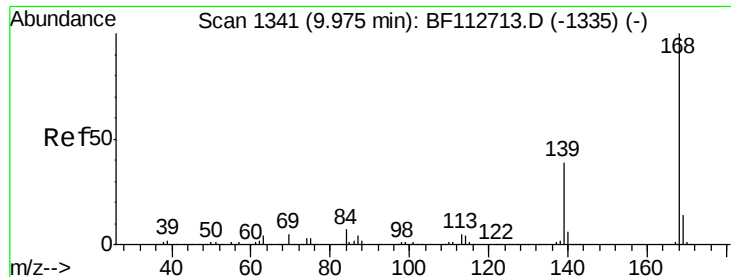
Tgt Ion:138 Resp: 93838
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 104.7 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 15.440 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:184 Resp: 15632
Ion Ratio Lower Upper
184 100
63 56.1 45.3 67.9
154 59.3 46.0 69.0

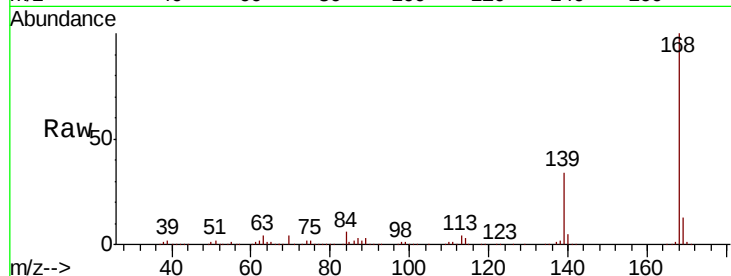




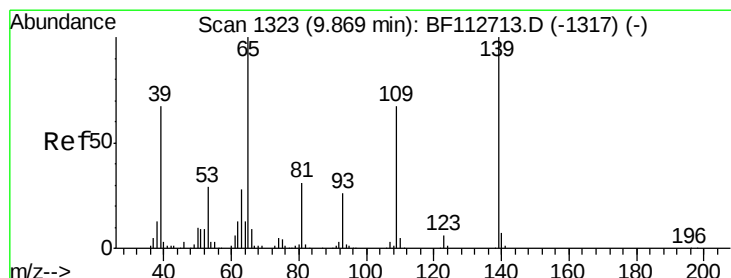
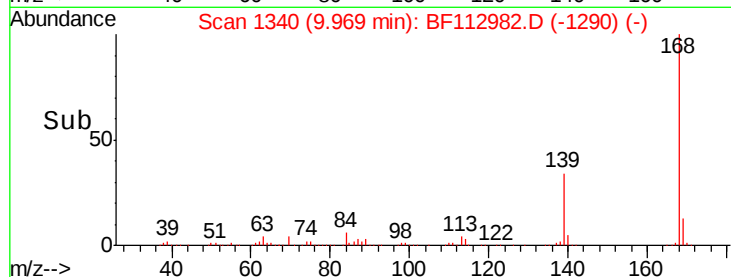
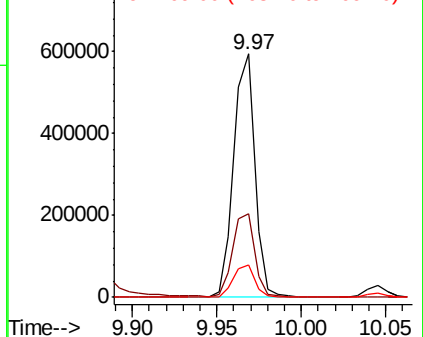
#55
Dibenzofuran
Concen: 22.156 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion:168 Resp: 518433
Ion Ratio Lower Upper
168 100
139 34.4 31.3 46.9
169 13.2 11.3 16.9

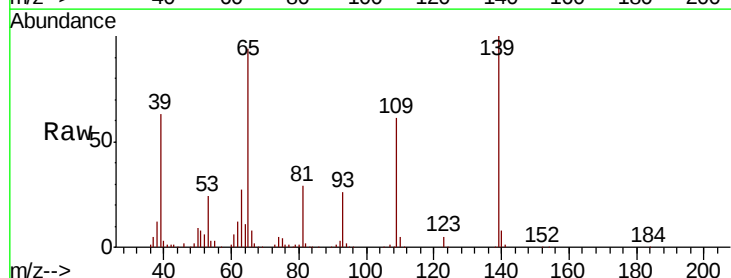


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

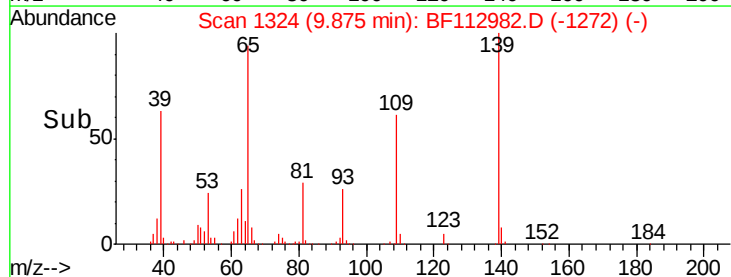
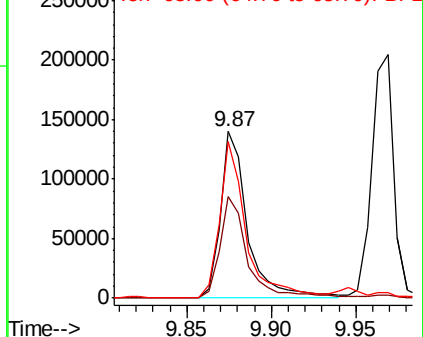


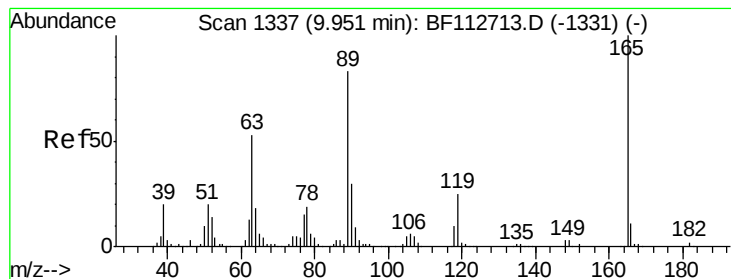
#56
4-Nitrophenol
Concen: 40.569 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:139 Resp: 157074
Ion Ratio Lower Upper
139 100
109 61.0 46.8 86.8
65 94.3 80.7 120.7



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





#57

2,4-Dinitrotoluene

Concen: 24.252 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

Tgt Ion:165 Resp: 117859

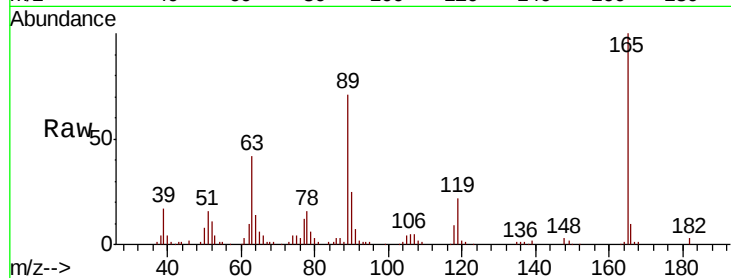
Ion Ratio Lower Upper

165 100

63 42.1 42.2 63.2#

89 71.3 66.2 99.4

182 2.6 1.8 2.6

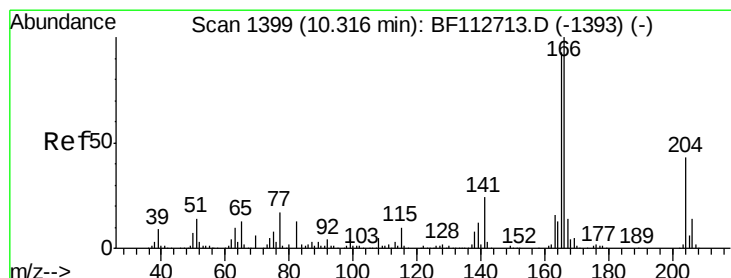
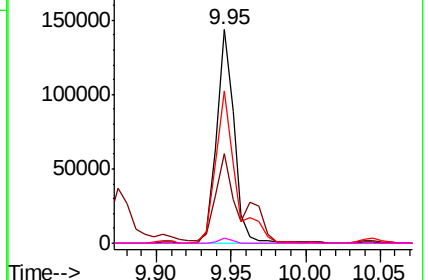
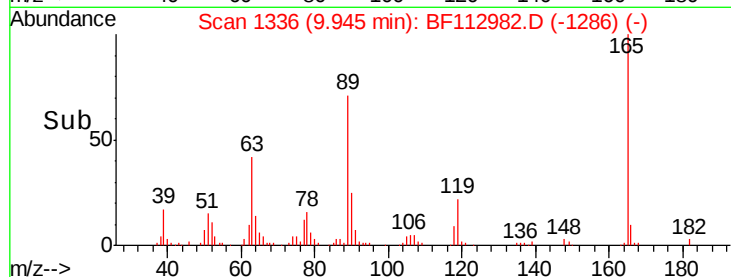


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 23.726 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

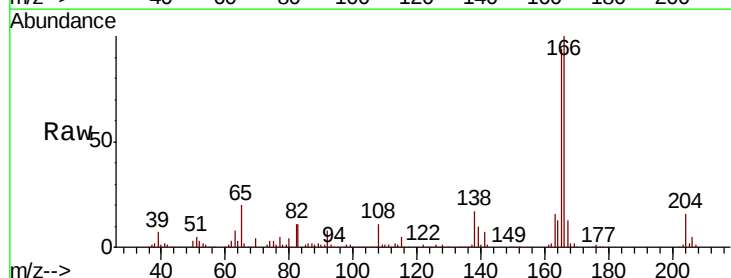
Tgt Ion:166 Resp: 394028

Ion Ratio Lower Upper

166 100

165 93.6 74.7 112.1

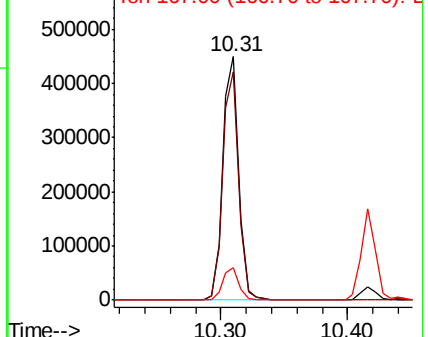
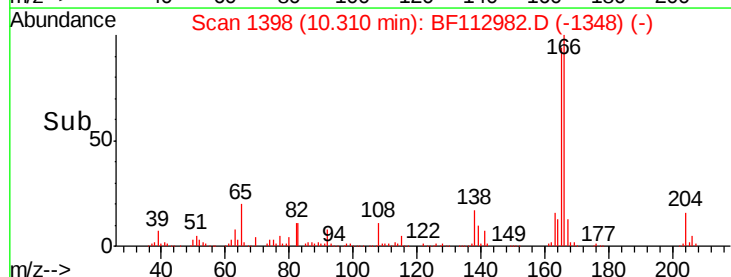
167 13.2 11.0 16.6

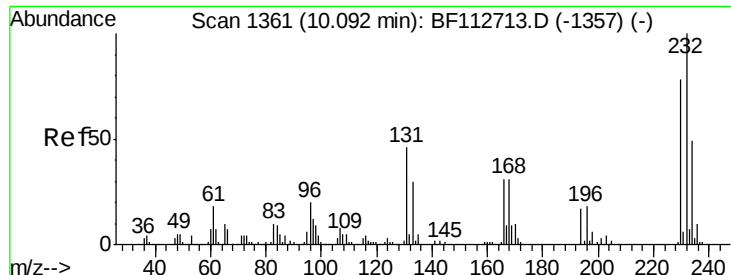


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

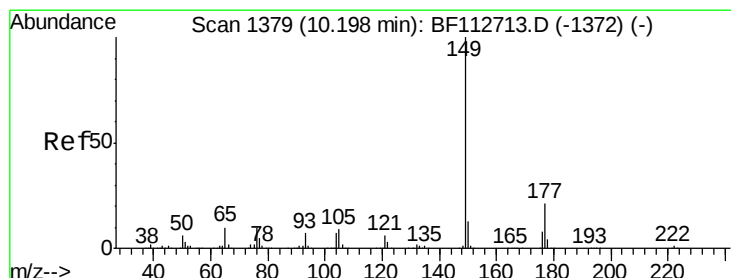
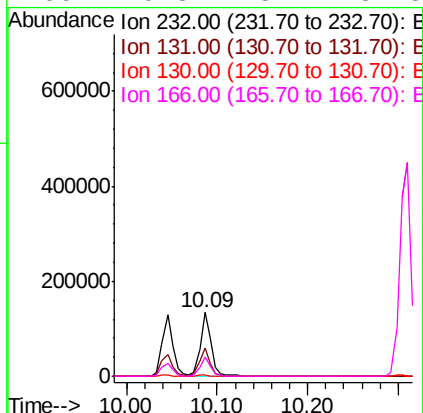
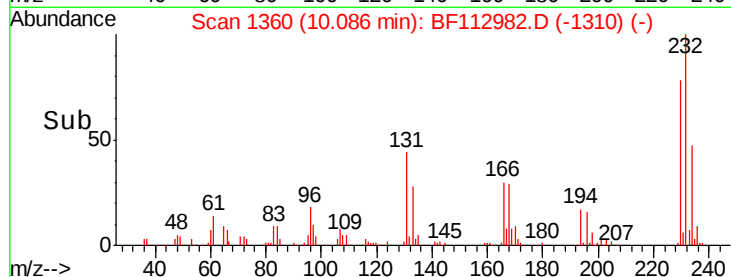
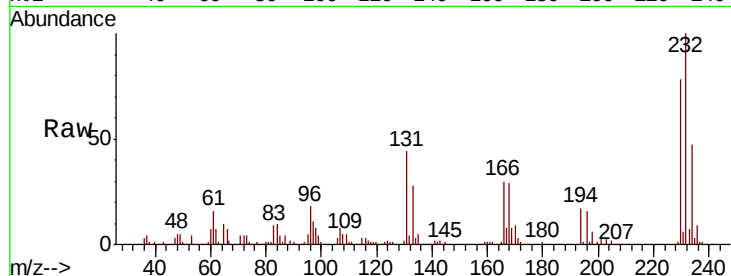




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.847 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

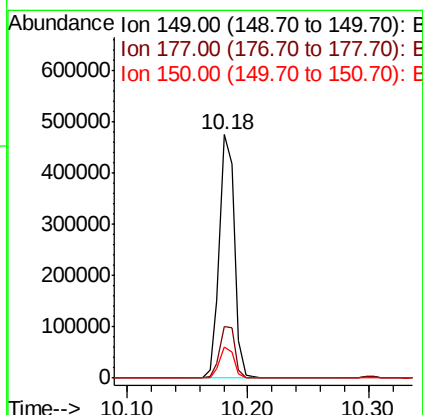
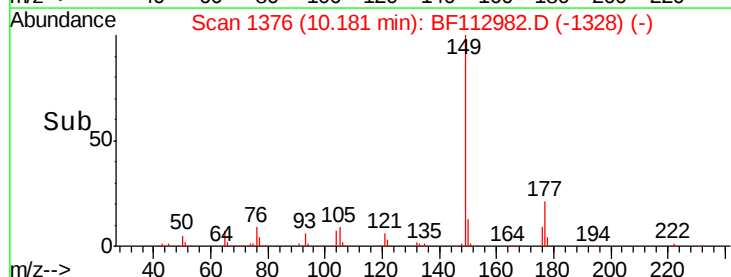
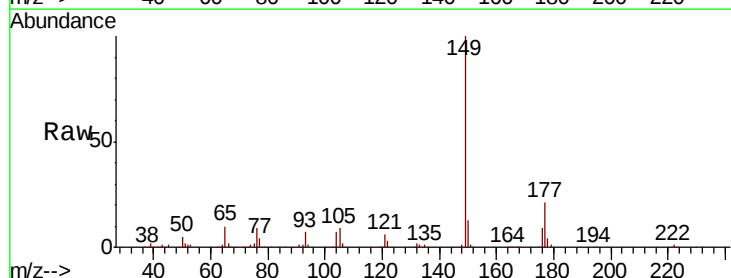
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

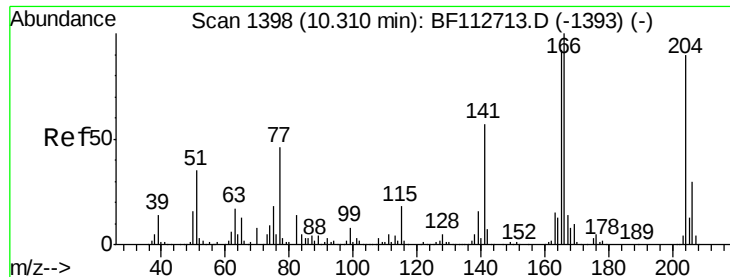
Tgt Ion: 232 Resp: 114340
Ion Ratio Lower Upper
232 100
131 40.7 38.7 58.1
130 2.0 1.9 2.9
166 29.3 25.2 37.8



#60
Diethylphthalate
Concen: 20.440 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 149 Resp: 405298
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 10.0 15.0

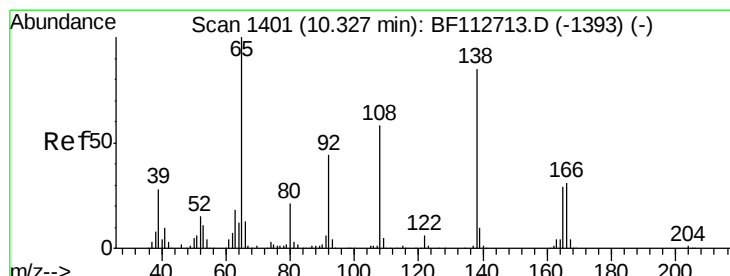
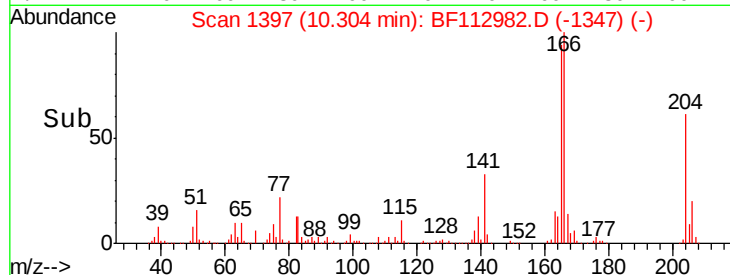
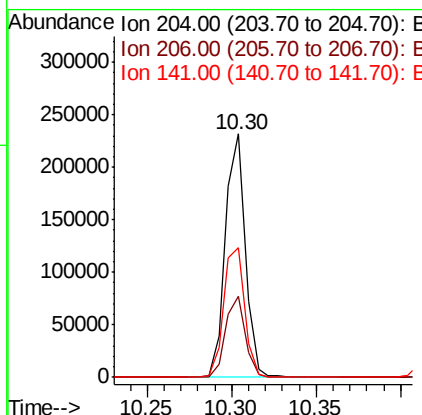
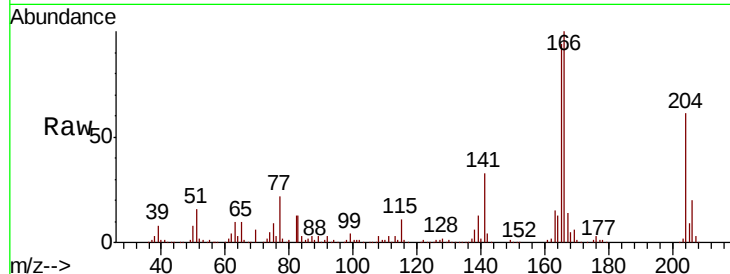




#61
 4-Chlorophenyl-phenylether
 Concen: 24.685 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

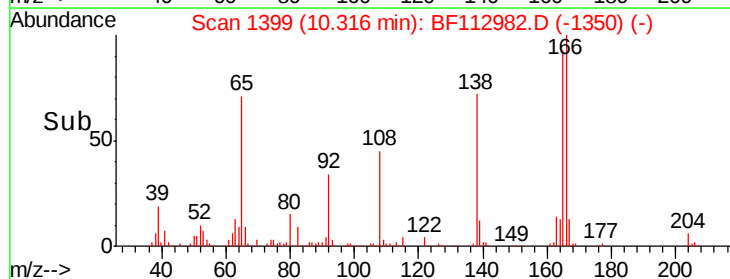
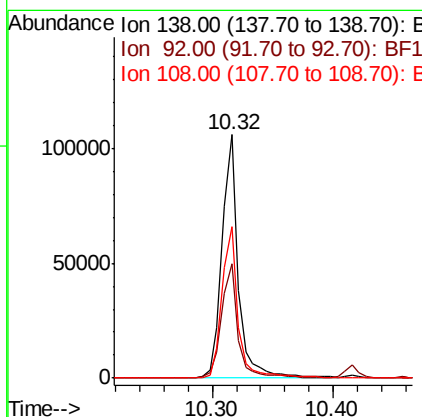
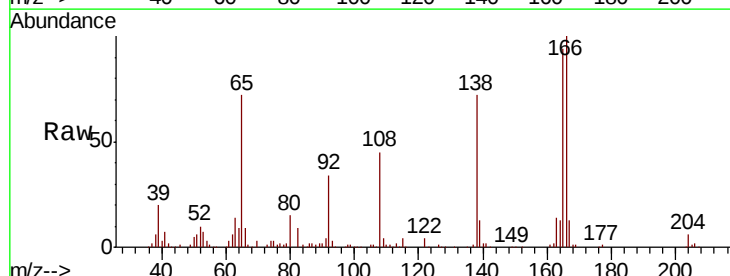
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

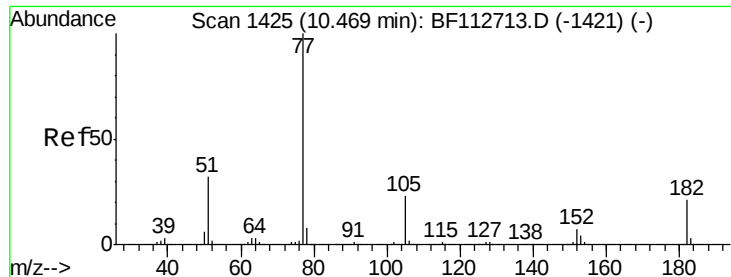
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	53.4	50.8	76.2



#62
 4-Nitroaniline
 Concen: 22.518 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.3	71.3
108	62.0	48.1	88.1





#63

Azobenzene

Concen: 19.469 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

Tgt Ion: 77 Resp: 395410

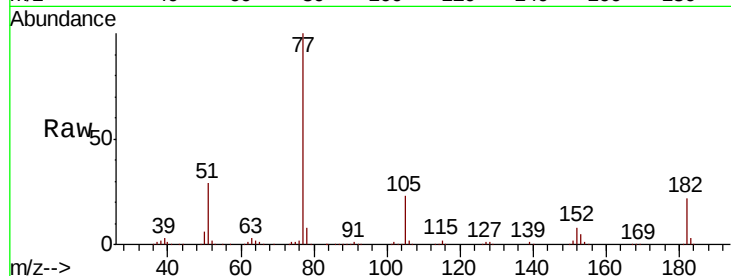
Ion Ratio Lower Upper

77 100

182 22.2 1.4 41.4

105 22.7 2.6 42.6

51 28.9 12.0 52.0

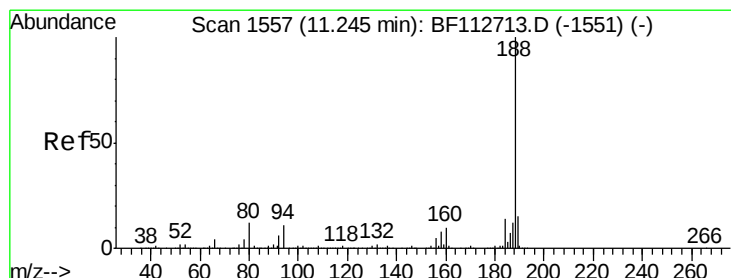
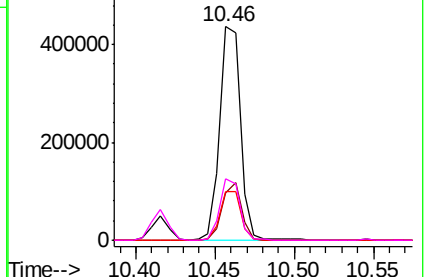
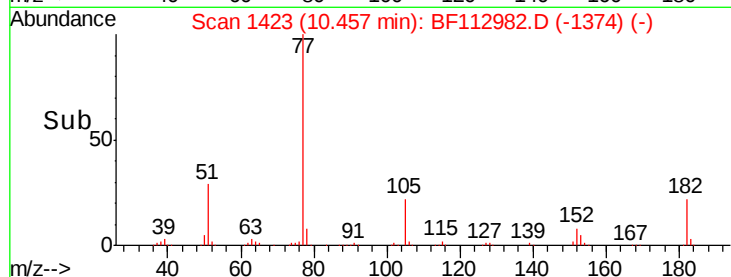


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

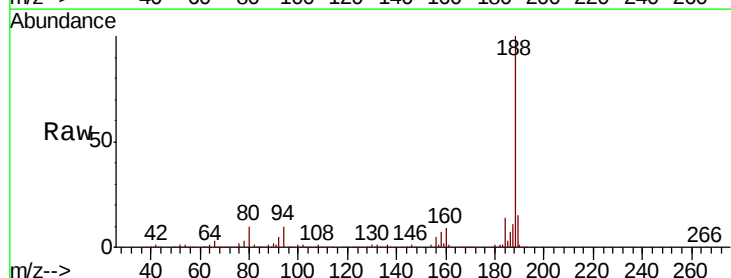
Tgt Ion: 188 Resp: 561666

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

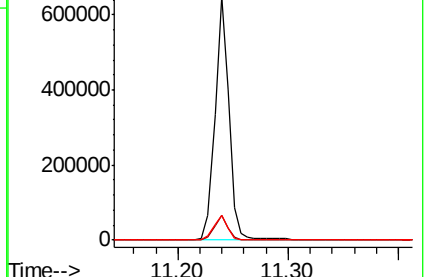
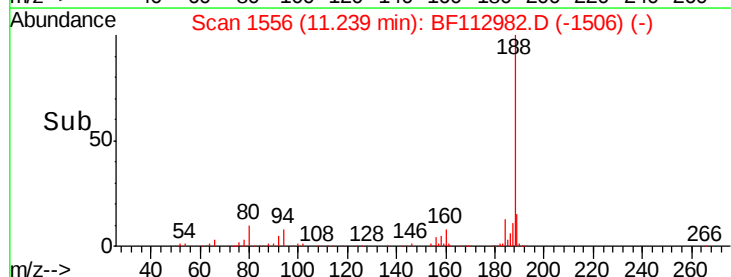
80 10.1 9.2 13.8



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

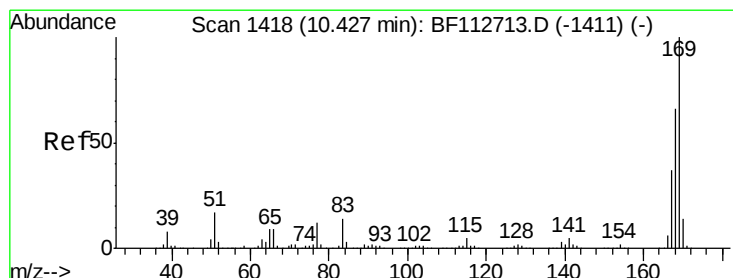
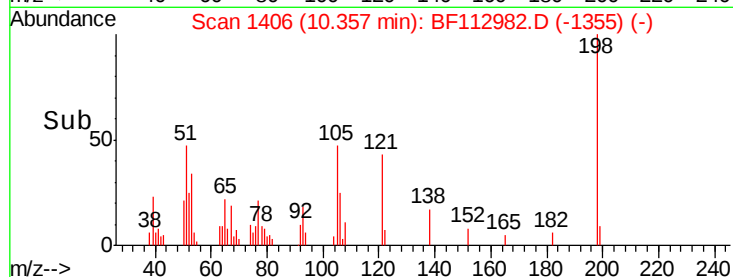
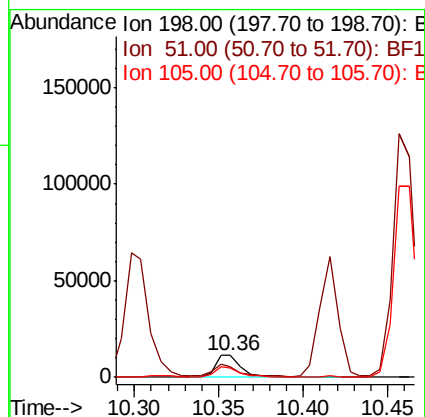
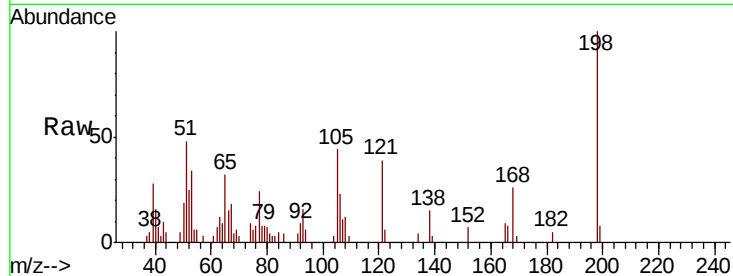




#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.521 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

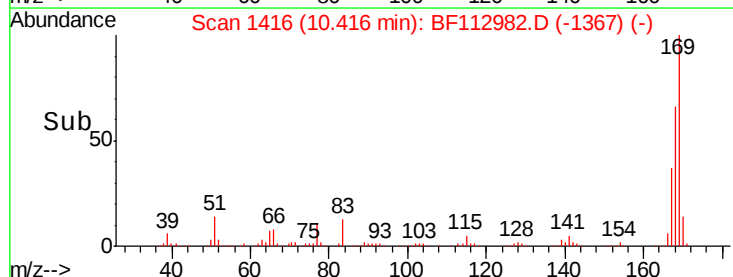
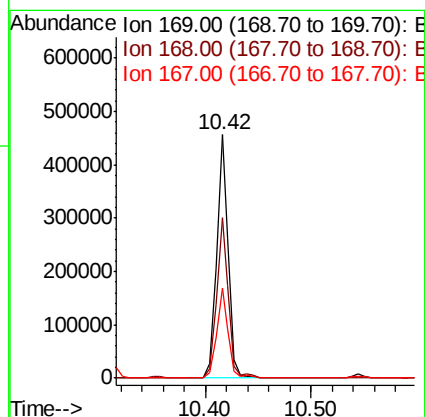
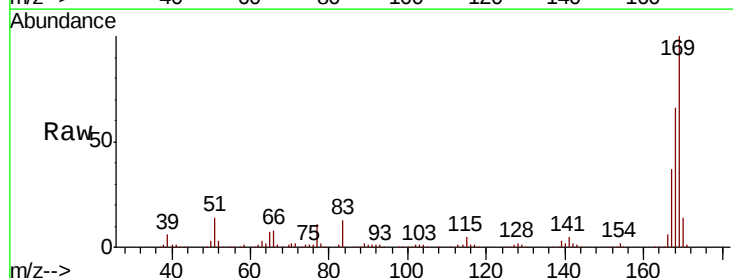
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion:198 Resp: 12531
 Ion Ratio Lower Upper
 198 100
 51 47.8 43.8 83.8
 105 43.5 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 19.727 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion:169 Resp: 355344
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.0 79.6
 167 36.8 29.3 43.9

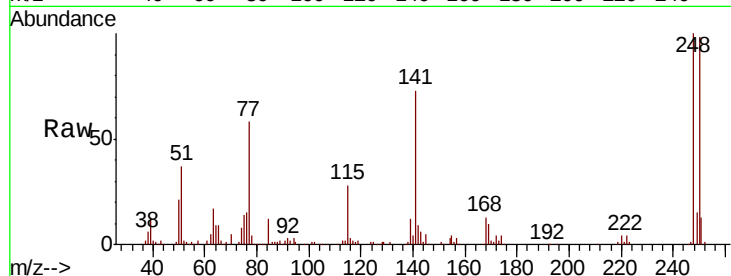




#67
4-Bromophenyl-phenylether
Concen: 20.923 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.5	116.3
141	73.0	62.4	93.6

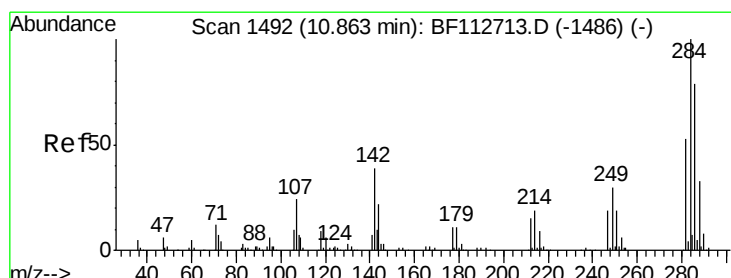
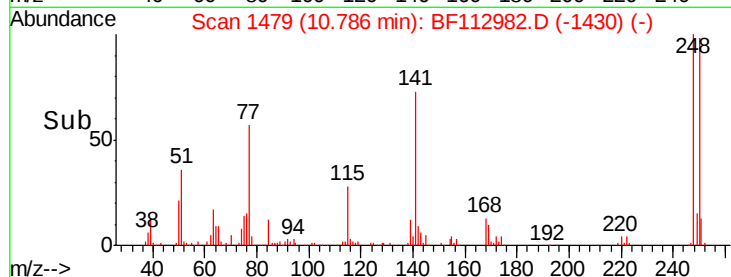
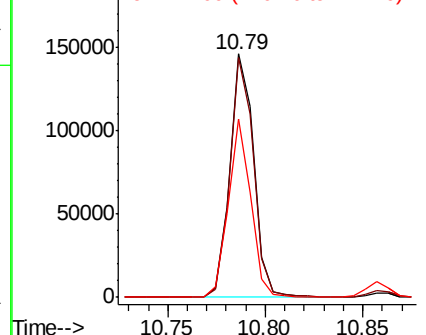


Abundance

Ion 248.00 (247.70 to 248.70): E

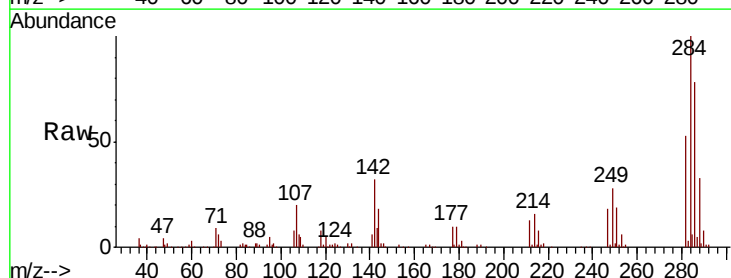
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 22.026 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	31.0	46.6
249	28.5	23.6	35.4

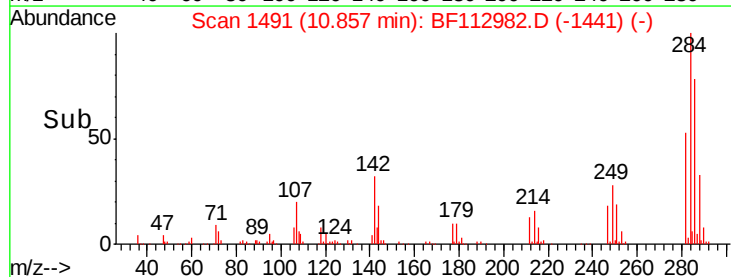
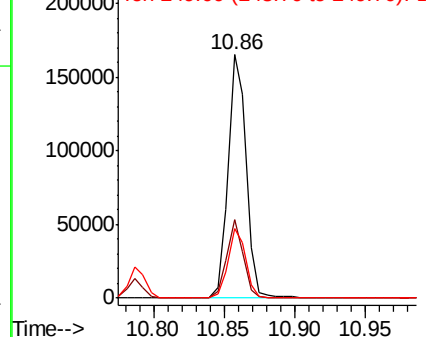


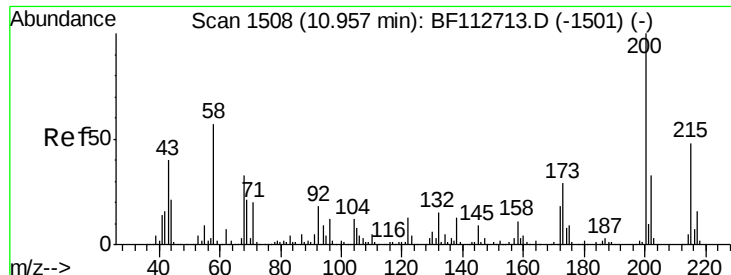
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

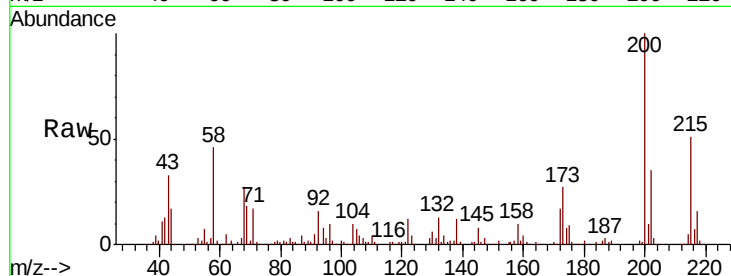




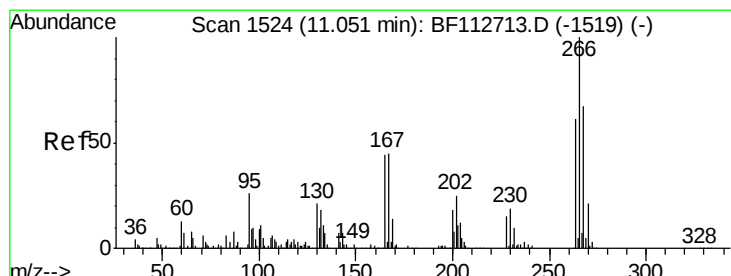
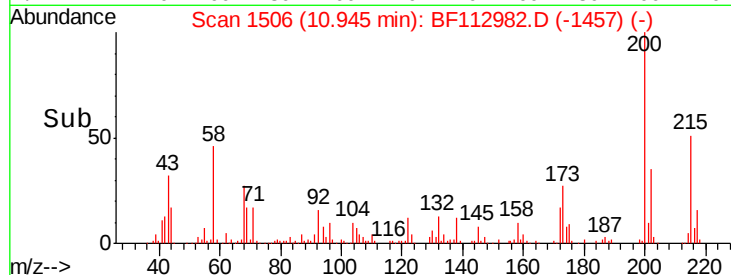
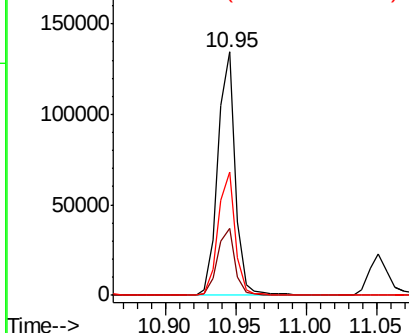
#69
Atrazine
Concen: 20.976 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion:200 Resp: 115721
Ion Ratio Lower Upper
200 100
173 27.4 9.1 49.1
215 50.7 28.2 68.2

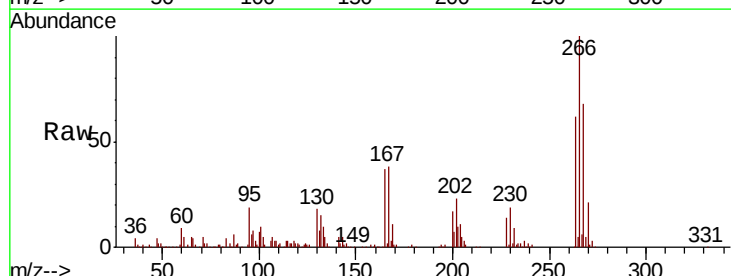


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

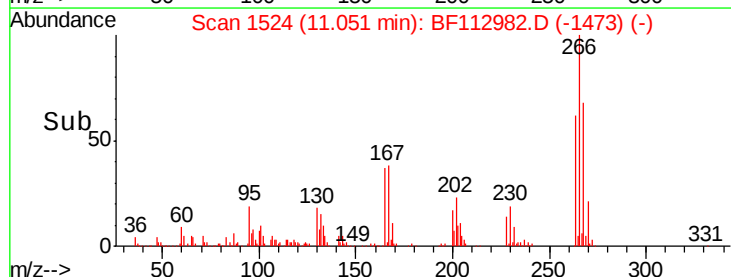
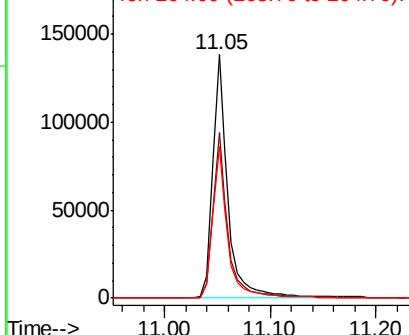


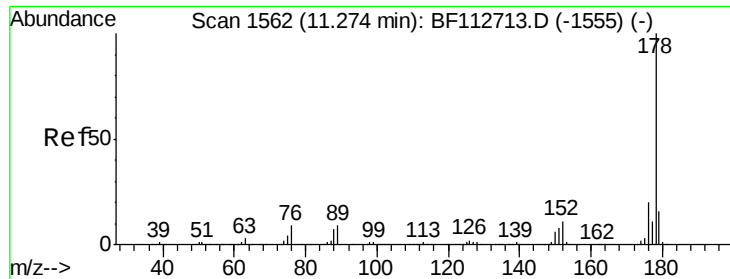
#70
Pentachlorophenol
Concen: 36.197 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:266 Resp: 142080
Ion Ratio Lower Upper
266 100
268 67.8 53.3 79.9
264 62.0 48.9 73.3



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

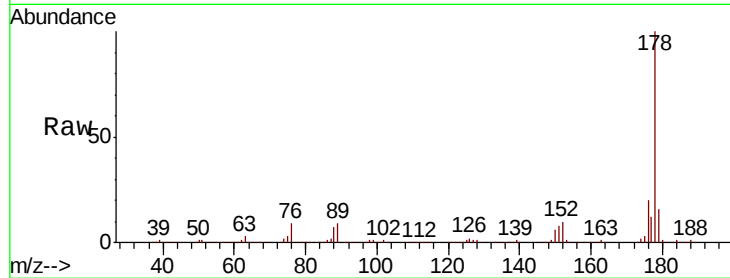




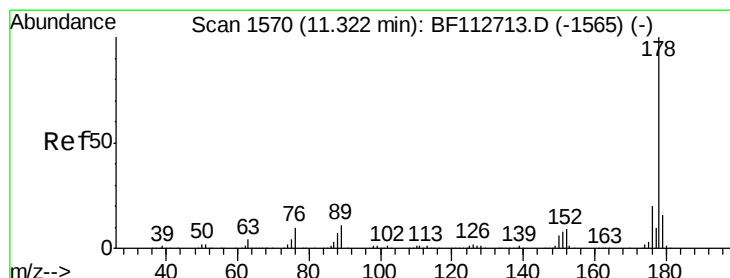
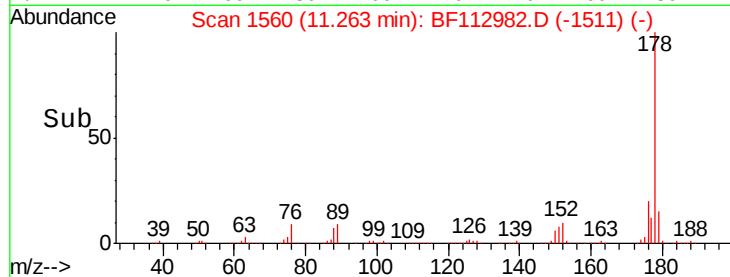
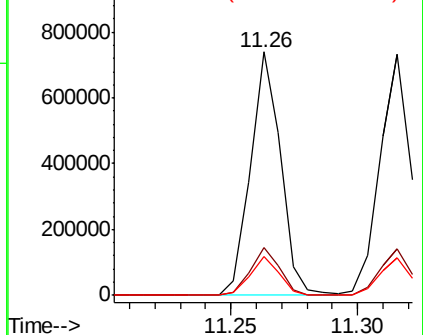
#71
 Phenanthrene
 Concen: 21.977 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

Tgt Ion:178 Resp: 614161
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 16.0 12.7 19.1

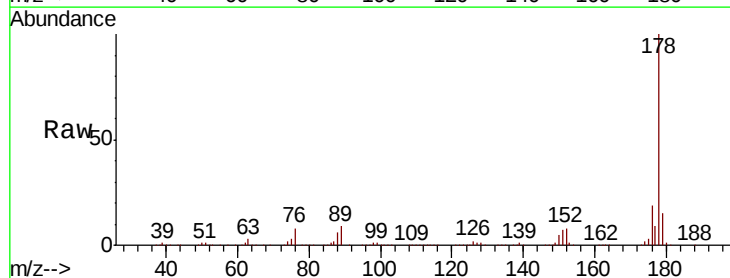


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

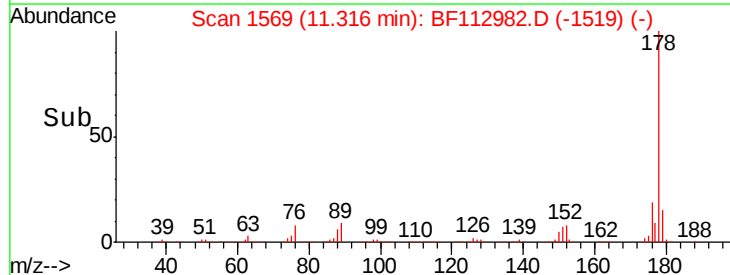
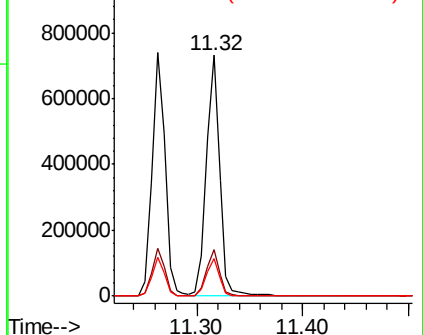


#72
 Anthracene
 Concen: 21.975 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion:178 Resp: 642831
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.5 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

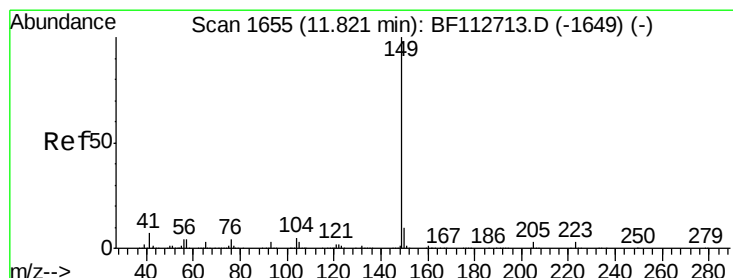
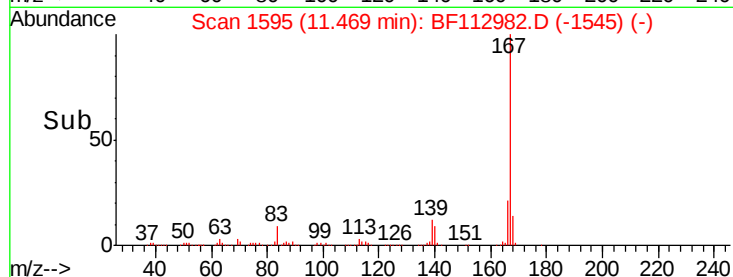
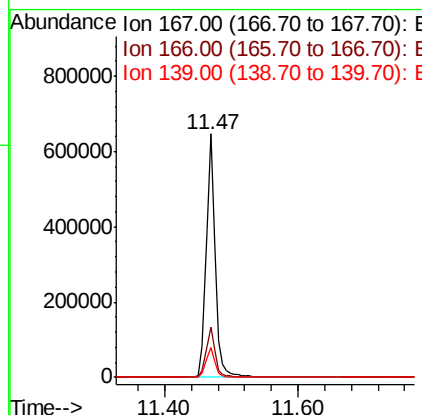
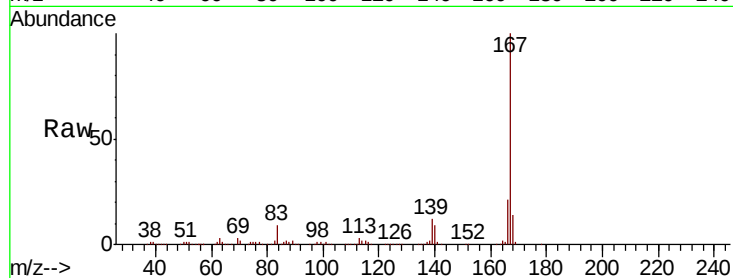




#73
 Carbazole
 Concen: 20.936 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

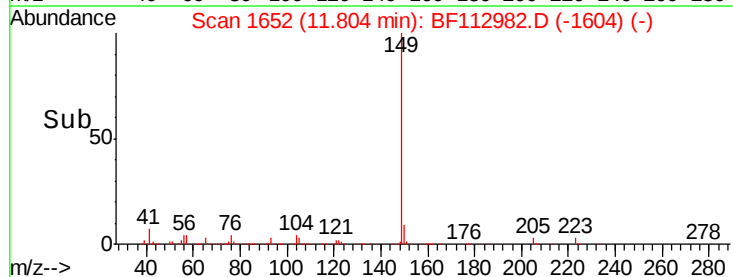
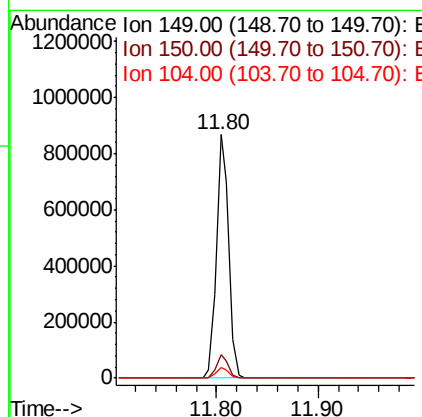
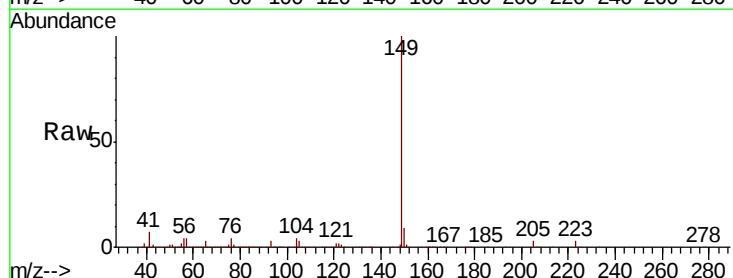
Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619MSD

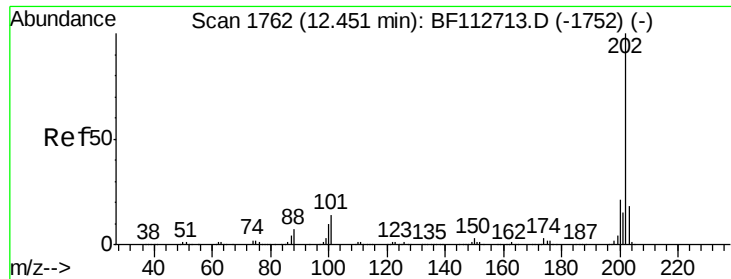
Tgt Ion:167 Resp: 597427
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.5 26.3
 139 12.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 21.256 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF112982.D
 Acq: 12 Mar 2019 4:21

Tgt Ion:149 Resp: 727312
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 20.636 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

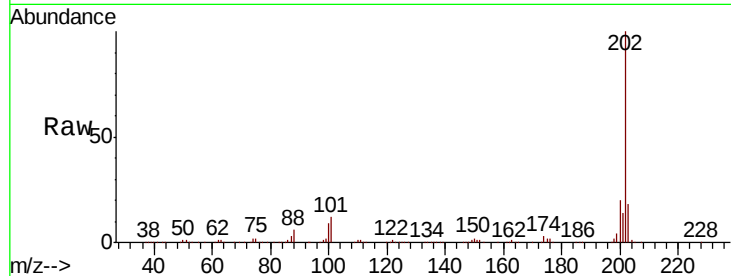
Tgt Ion: 202 Resp: 617825

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.8

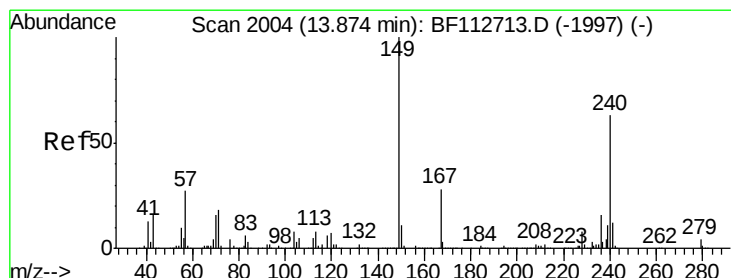
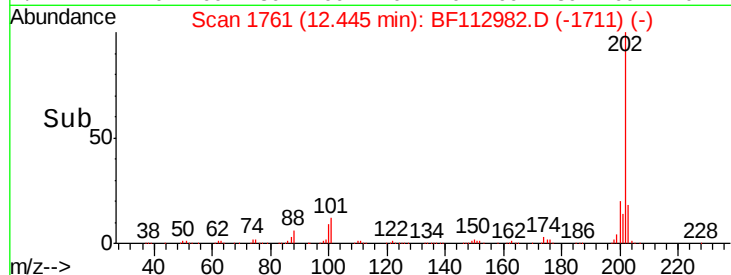
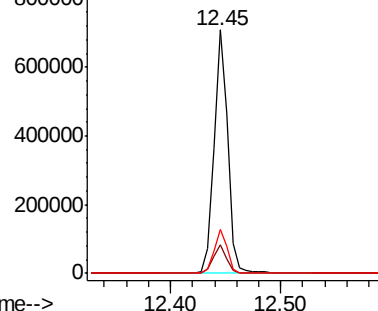
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

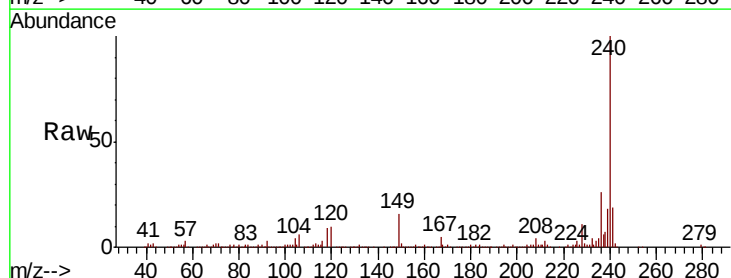
Tgt Ion: 240 Resp: 405522

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

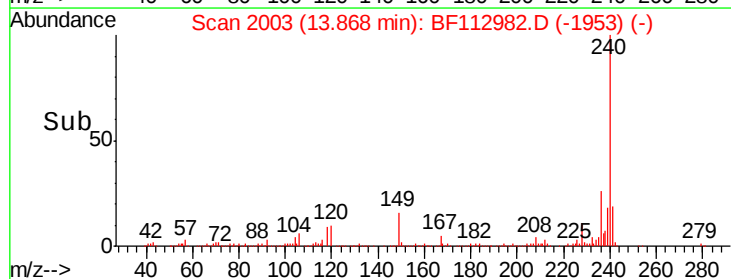
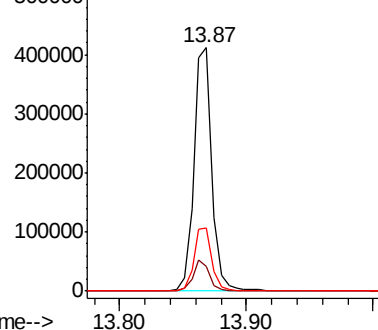
236 25.8 20.7 31.1

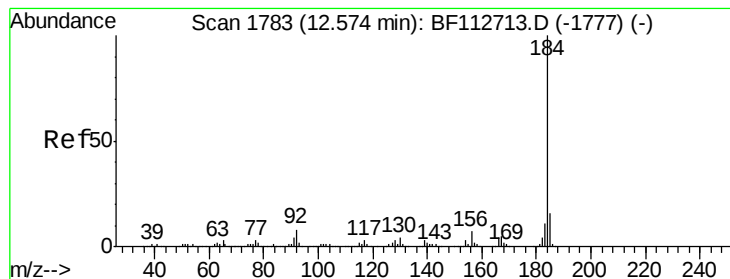


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.087 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

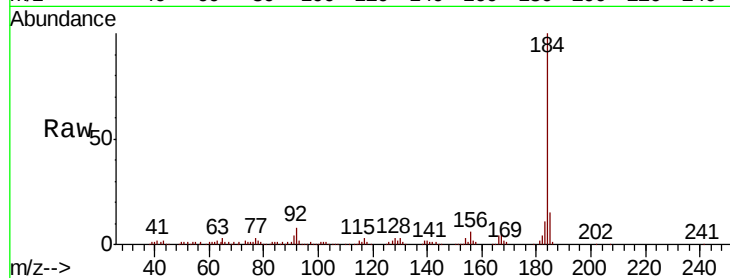
Tgt Ion:184 Resp: 233253

Ion Ratio Lower Upper

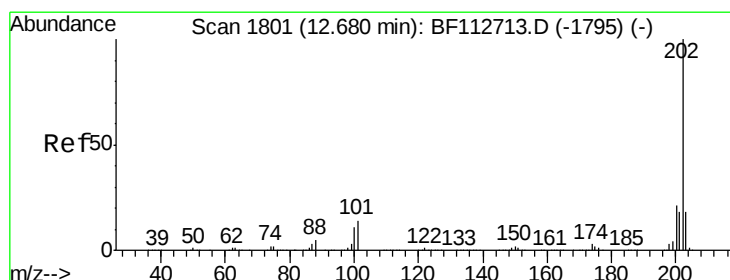
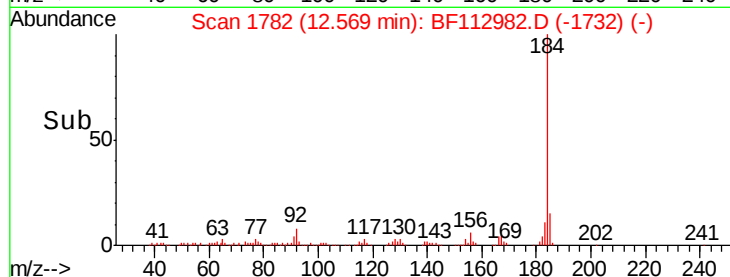
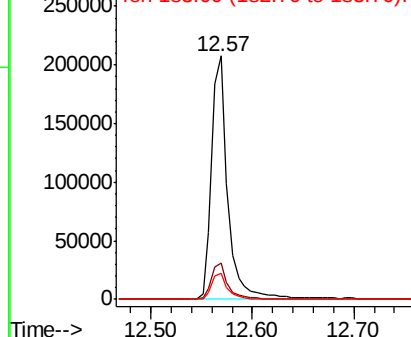
184 100

185 15.1 12.6 18.8

183 10.7 8.6 12.8



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



#78

Pyrene

Concen: 18.081 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

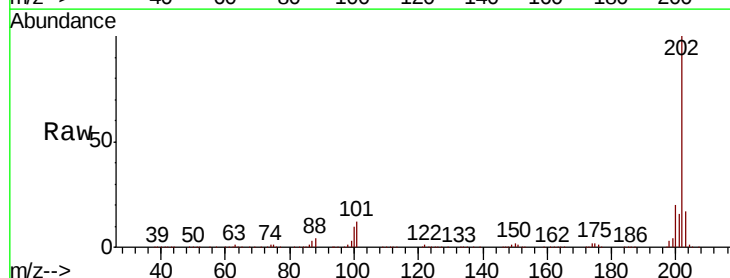
Tgt Ion:202 Resp: 618109

Ion Ratio Lower Upper

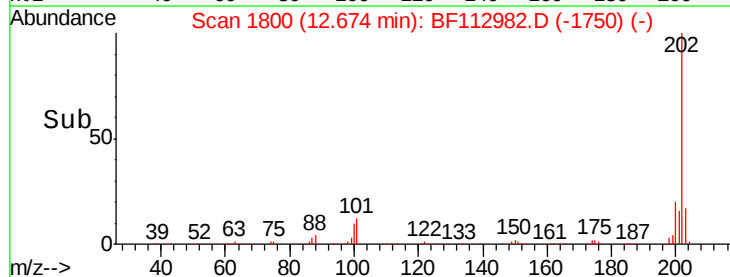
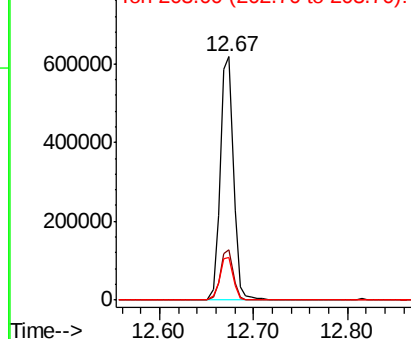
202 100

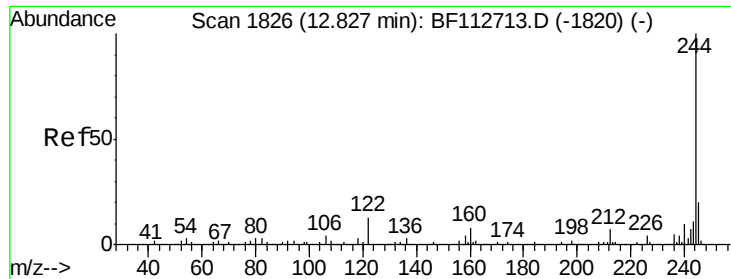
200 20.4 17.0 25.4

203 17.3 14.4 21.6



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





#79

Terphenyl-d14

Concen: 44.271 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

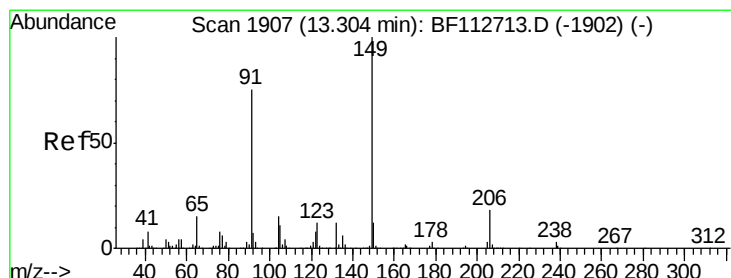
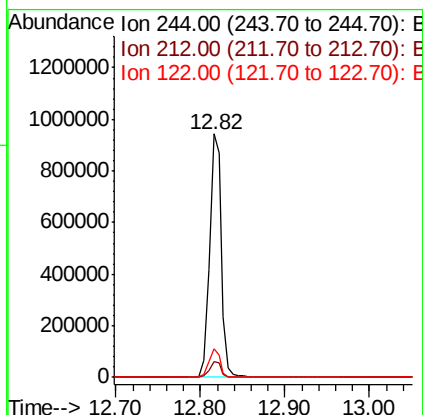
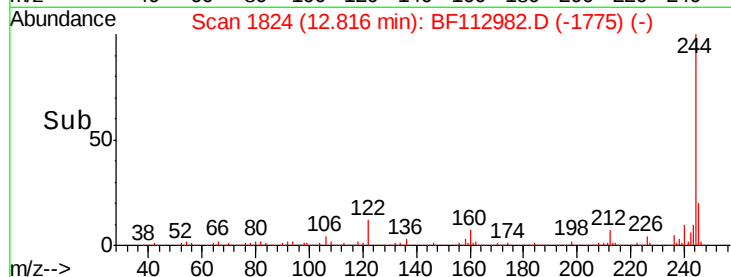
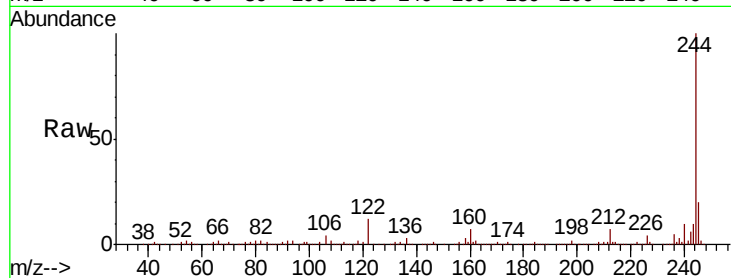
Tgt Ion:244 Resp: 926133

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.9 10.5 15.7



#80

Butylbenzylphthalate

Concen: 19.190 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

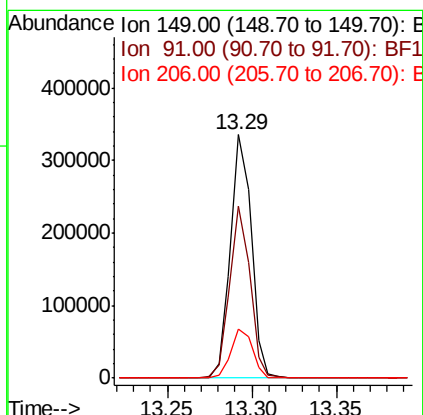
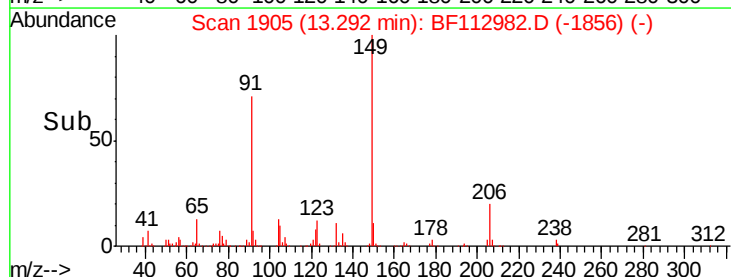
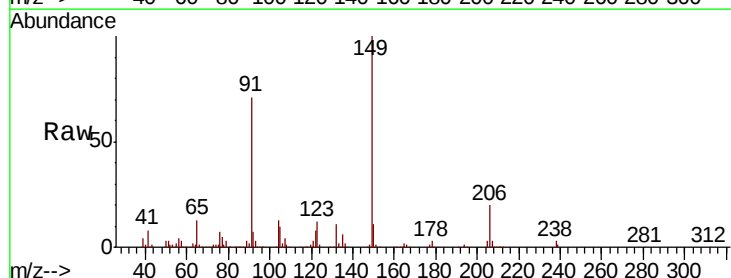
Tgt Ion:149 Resp: 289572

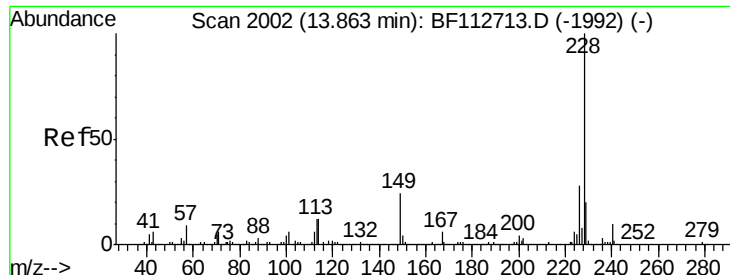
Ion Ratio Lower Upper

149 100

91 70.8 59.9 89.9

206 19.9 14.7 22.1





#81

Benzo(a)anthracene

Concen: 17.961 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

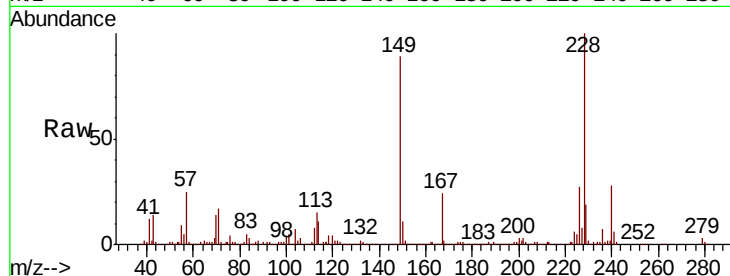
Tgt Ion:228 Resp: 504794

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.4

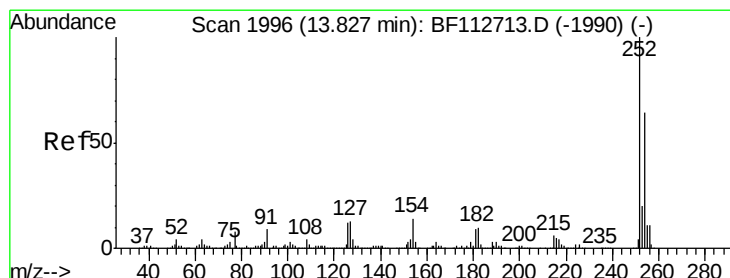
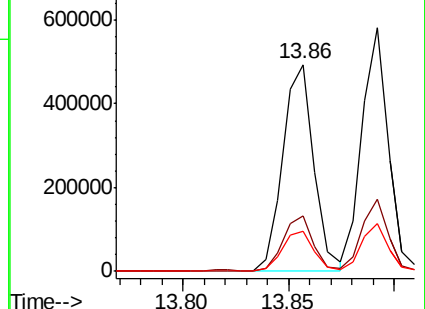
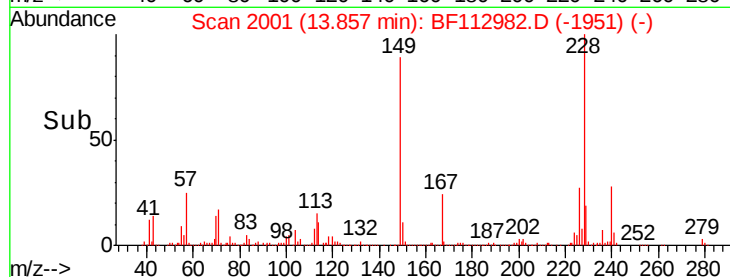
229 19.4 16.0 24.0



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: 18.775 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

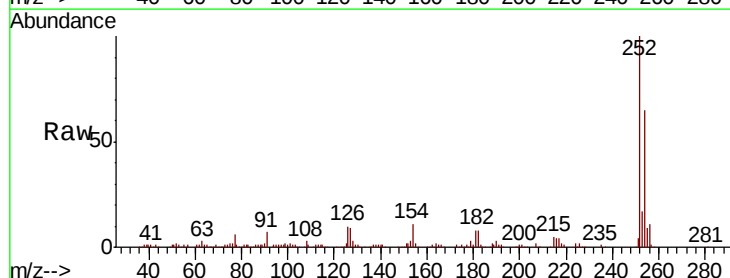
Tgt Ion:252 Resp: 199573

Ion Ratio Lower Upper

252 100

254 64.6 51.1 76.7

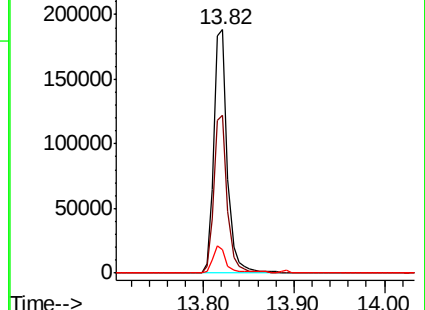
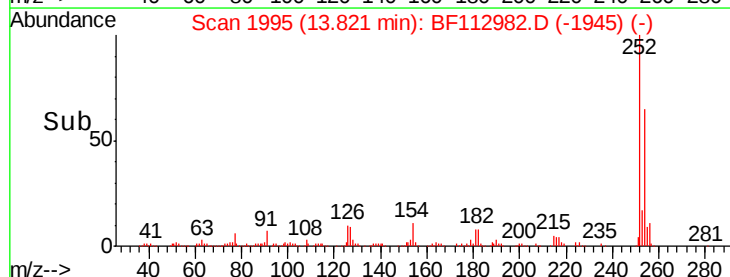
126 9.7 9.9 14.9#

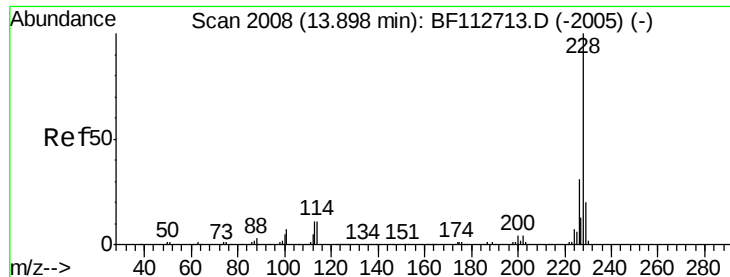


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 18.682 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

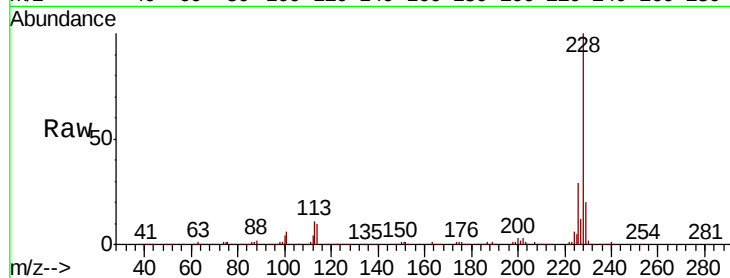
Tgt Ion: 228 Resp: 514328

Ion Ratio Lower Upper

228 100

226 29.5 24.9 37.3

229 19.6 16.3 24.5

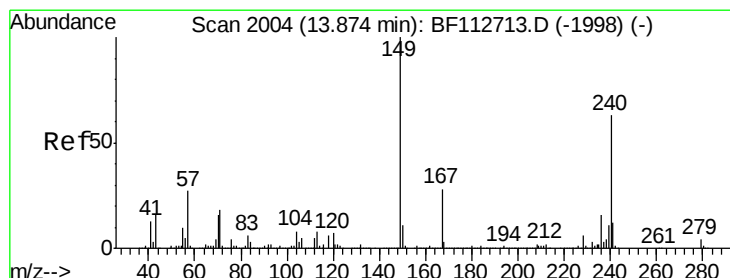
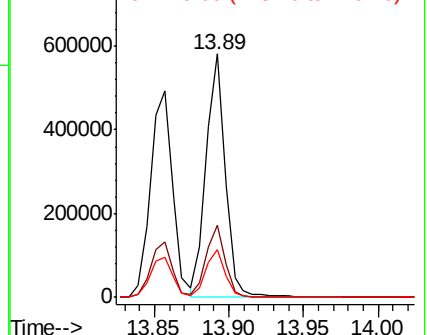
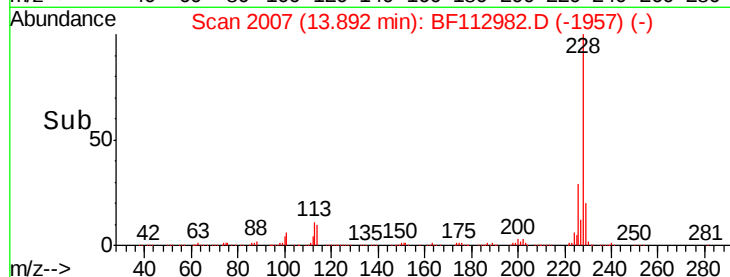


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.811 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

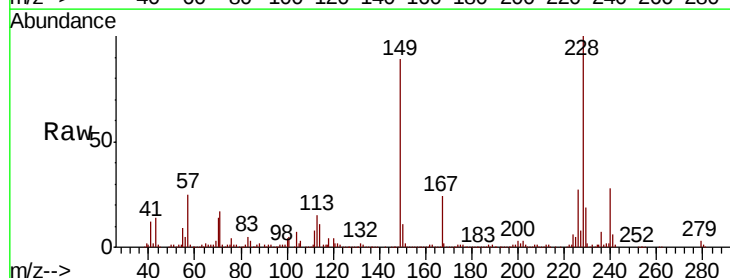
Tgt Ion: 149 Resp: 386050

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

279 3.7 3.3 4.9

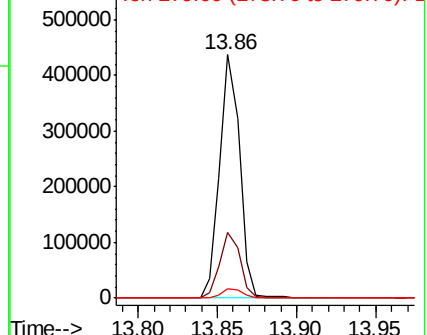
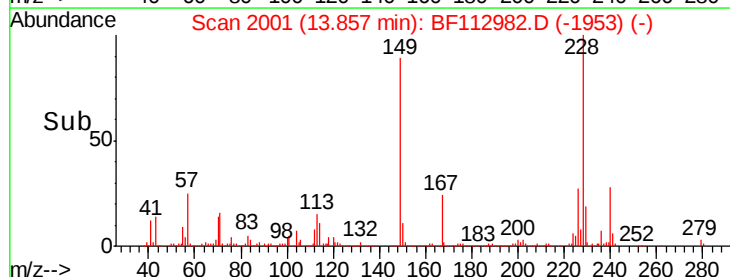


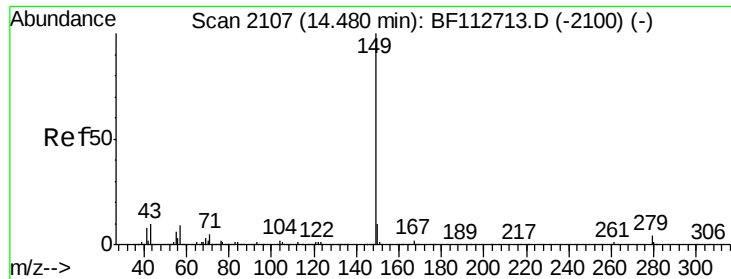
Abundance

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

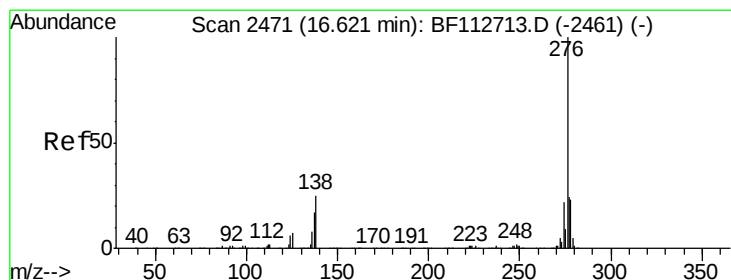
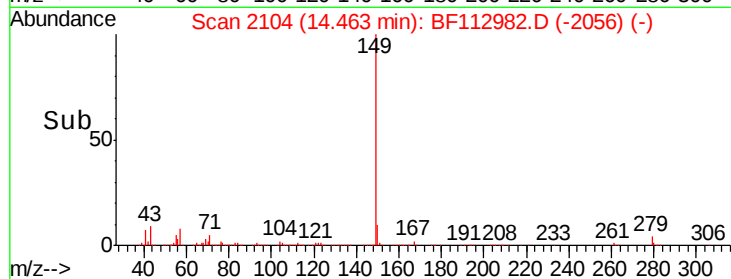
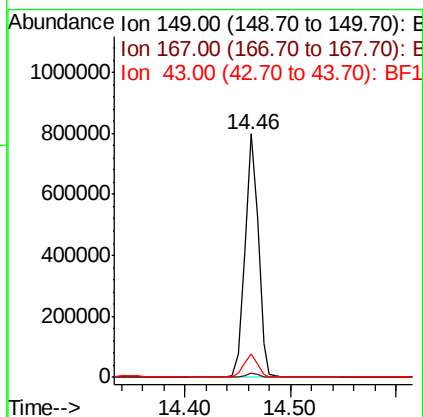
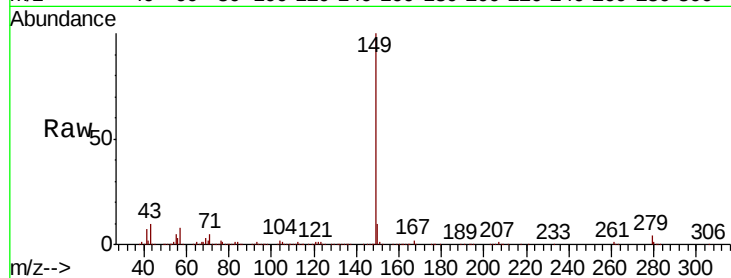




#85
Di-n-octyl phthalate
Concen: 22.717 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

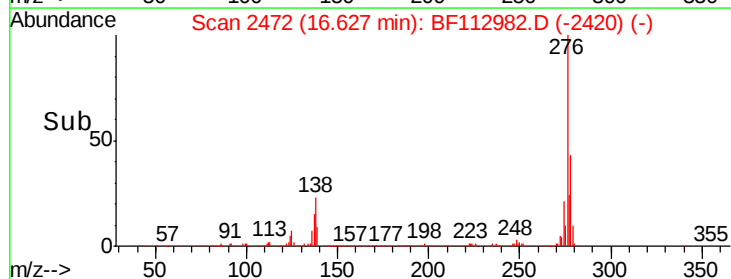
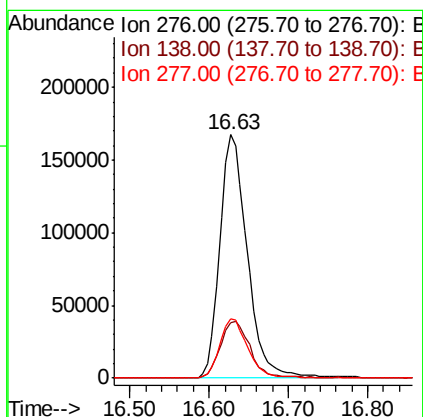
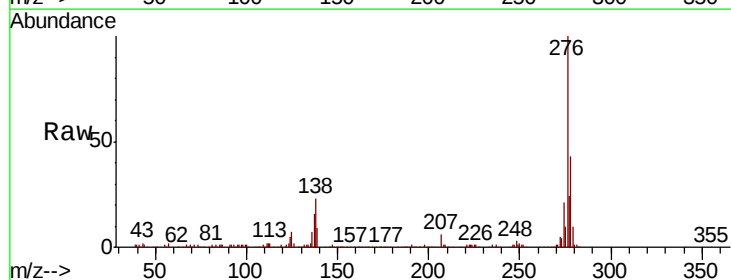
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

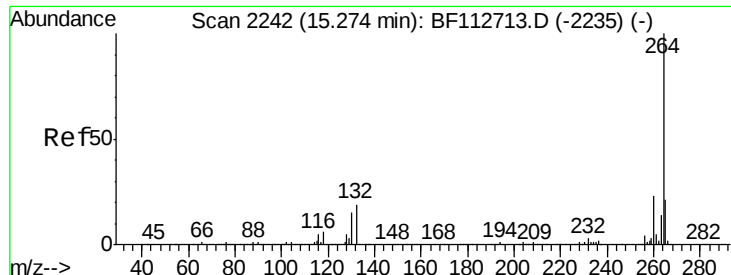
Tgt Ion:149 Resp: 690426
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 9.0 13.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 17.140 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:276 Resp: 402278
Ion Ratio Lower Upper
276 100
138 25.5 23.2 34.8
277 25.0 19.9 29.9



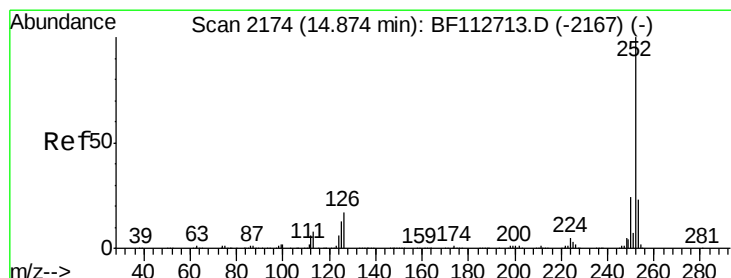
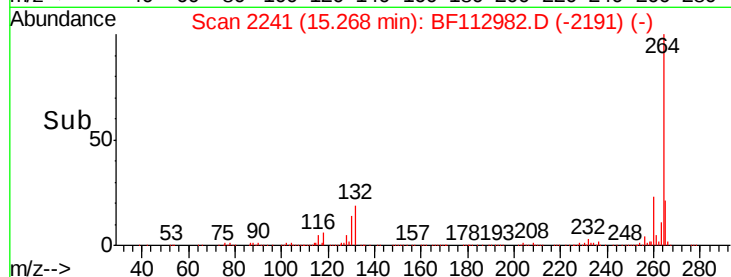
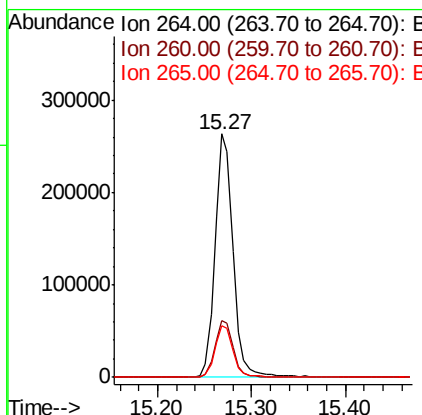
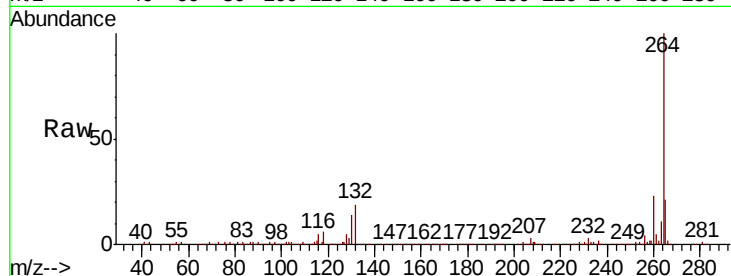


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

Tgt Ion: 264 Resp: 354827

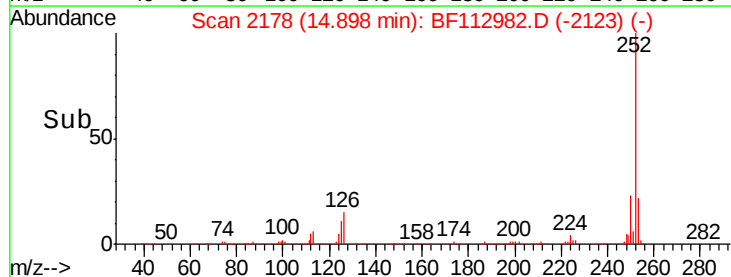
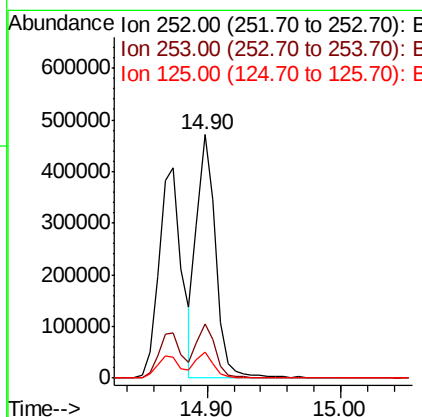
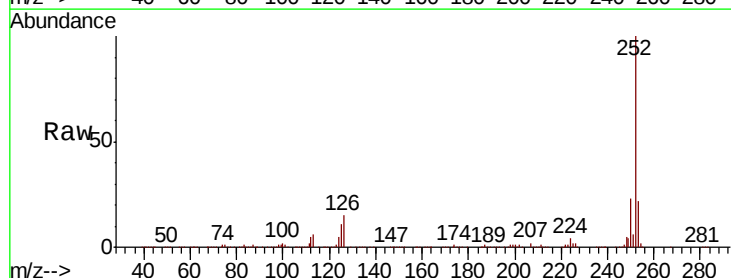
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.2	25.8

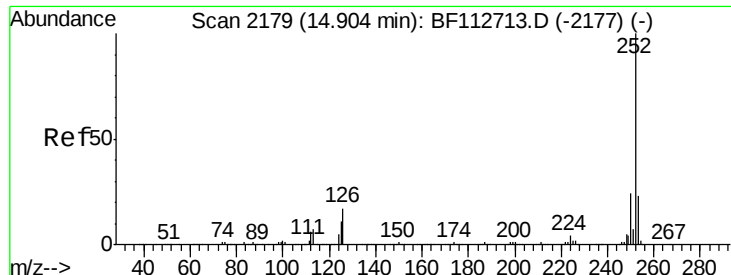


#88
Benzo(b)fluoranthene
Concen: 19.862 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion: 252 Resp: 455864

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.7	10.2	15.2

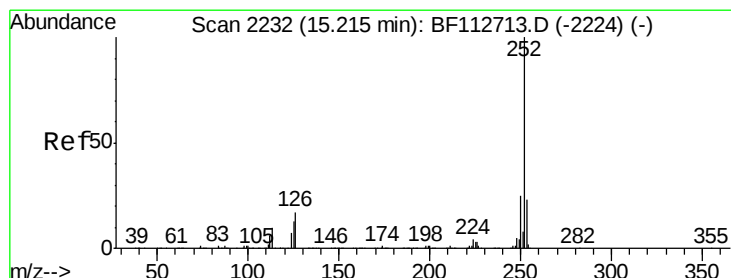
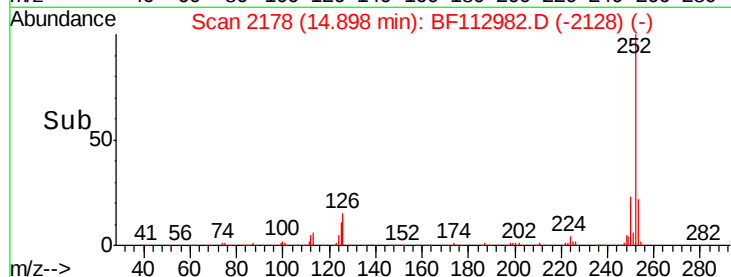
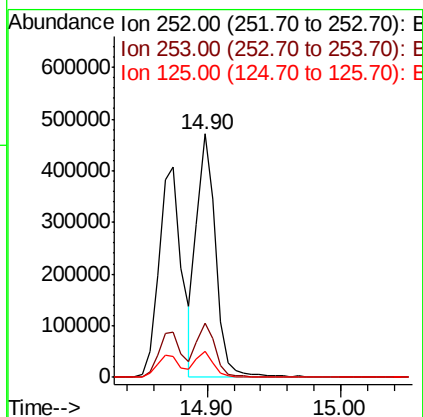
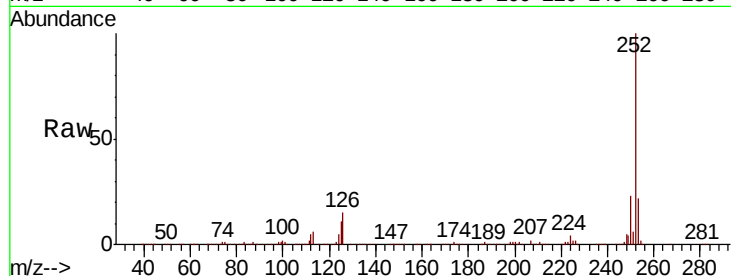




#89
Benzo(k)fluoranthene
Concen: 21.928 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

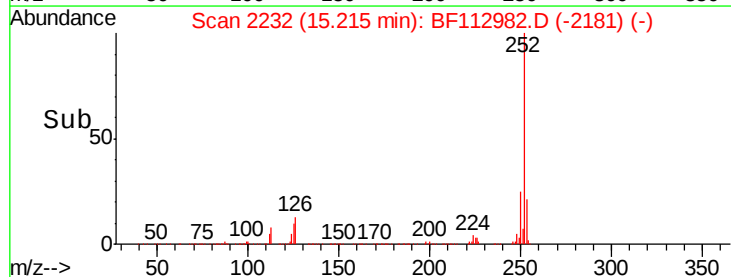
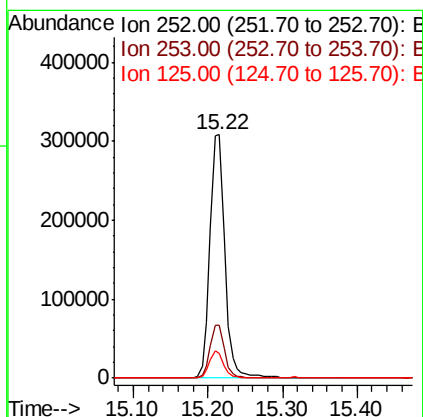
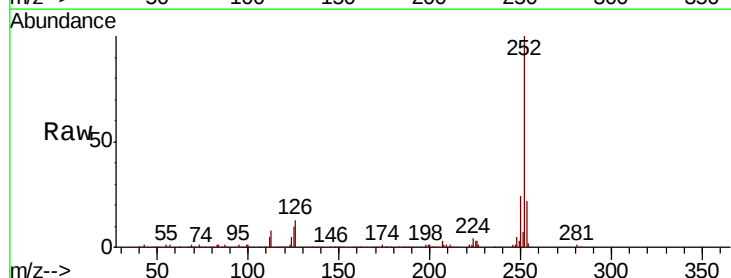
Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MSD

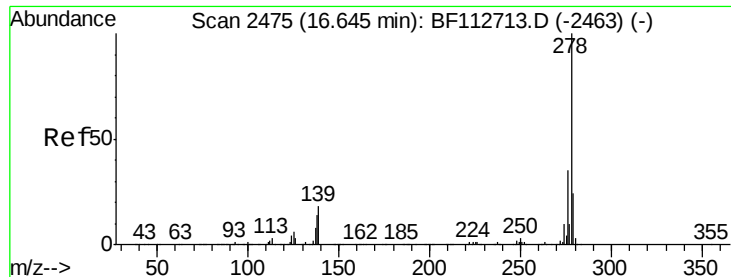
Tgt Ion:252 Resp: 455864
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.7 9.8 14.6



#90
Benzo(a)pyrene
Concen: 21.022 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112982.D
Acq: 12 Mar 2019 4:21

Tgt Ion:252 Resp: 426769
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 10.3 10.7 16.1#





#91

Dibenzo(a,h)anthracene

Concen: 20.136 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619MSD

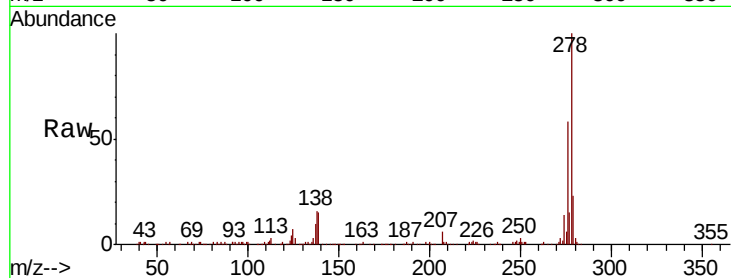
Tgt Ion:278 Resp: 348817

Ion Ratio Lower Upper

278 100

139 15.3 14.3 21.5

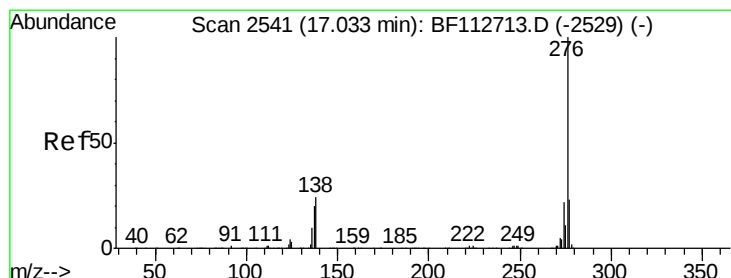
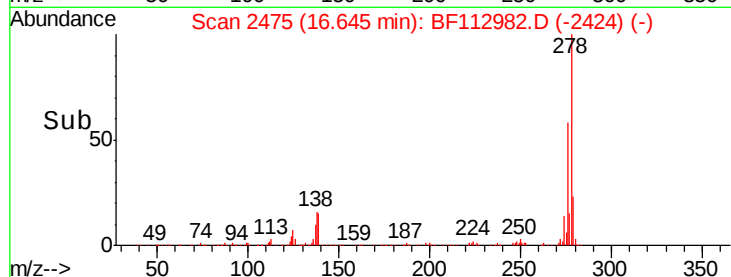
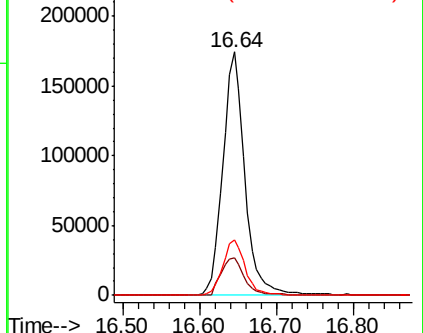
279 22.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 18.342 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF112982.D

Acq: 12 Mar 2019 4:21

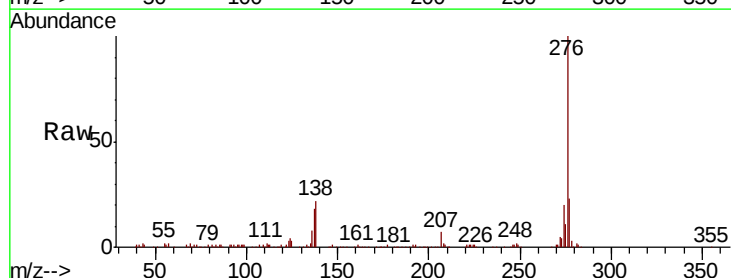
Tgt Ion:276 Resp: 319058

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 21.6 19.4 29.0



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

