

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116066.D
 Acq On : 8 Aug 2019 13:56
 Operator : HP/JU
 Sample : PB121894BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142085	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	582070	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	308178	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	532555	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	378055	20.00	ng	0.00
87) Perylene-d12	15.46	264	303210	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	894669	105.41	ng	0.00
7) Phenol-d6	6.48	99	1138203	106.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	735035	72.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322279	107.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1248116	75.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1426514	79.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	164129	38.278	ng	99
3) Pyridine	3.45	79	352043	29.392	ng	98
4) n-Nitrosodimethylamine	3.39	42	162943	34.472	ng	98
6) Aniline	6.50	93	426673	27.822	ng	96
8) 2-Chlorophenol	6.63	128	368688	39.283	ng	95
9) Benzaldehyde	6.39	77	112916	15.282	ng	99
10) Phenol	6.49	94	467541	37.076	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	353651	38.145	ng	97
12) 1,3-Dichlorobenzene	6.78	146	391294	36.075	ng	99
13) 1,4-Dichlorobenzene	6.86	146	401332	36.954	ng	98
14) 1,2-Dichlorobenzene	7.01	146	374019	37.401	ng	99
15) Benzyl Alcohol	6.99	79	305433	37.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	468400	37.040	ng	93
17) 2-Methylphenol	7.10	107	316342	39.806	ng	98
18) Hexachloroethane	7.35	117	146593	36.662	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	252144	37.998	ng	97
20) 3+4-Methylphenols	7.25	107	375758	39.956	ng	97
22) Acetophenone	7.25	105	505364	39.588	ng	99
24) Nitrobenzene	7.42	77	409681	37.626	ng	100
25) Isophorone	7.66	82	746518	38.716	ng	100
26) 2-Nitrophenol	7.74	139	202415	39.438	ng	96
27) 2,4-Dimethylphenol	7.77	122	333359	43.171	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	455106	38.080	ng	99
29) 2,4-Dichlorophenol	7.98	162	322590	39.566	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	349572	37.613	ng	100
31) Naphthalene	8.14	128	1063937	38.843	ng	99
32) Benzoic acid	7.93	122	188933	34.704	ng	99
33) 4-Chloroaniline	8.19	127	291113	23.787	ng	98
34) Hexachlorobutadiene	8.26	225	192820	36.020	ng	98
35) Caprolactam	8.60	113	49520	18.779	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	339563	40.034	ng	99
37) 2-Methylnaphthalene	8.83	142	713387	39.546	ng	99
38) 1-Methylnaphthalene	8.93	142	668666	39.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326393	39.616	ng	100

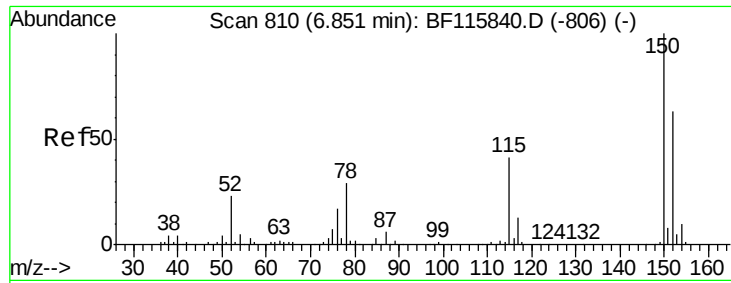
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116066.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	139801	40.922	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	209226	36.895	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	227830	38.865	ng	99
46) 1,1'-Biphenyl	9.30	154	865017	39.758	ng	97
47) 2-Chloronaphthalene	9.32	162	675796	37.319	ng	99
48) 2-Nitroaniline	9.42	65	211408	35.320	ng	99
49) Acenaphthylene	9.73	152	1030816	39.019	ng	98
50) Dimethylphthalate	9.60	163	809755	38.590	ng	99
51) 2,6-Dinitrotoluene	9.66	165	177144	38.847	ng	99
52) Acenaphthene	9.91	154	617894	38.124	ng	100
53) 3-Nitroaniline	9.83	138	144787	25.696	ng	98
54) 2,4-Dinitrophenol	9.95	184	146046	64.632	ng	93
55) Dibenzofuran	10.08	168	904643	38.382	ng	100
56) 4-Nitrophenol	10.01	139	234195	64.883	ng	88
57) 2,4-Dinitrotoluene	10.07	165	229441	37.791	ng	98
58) Fluorene	10.42	166	711076	39.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	197282	40.002	ng	99
60) Diethylphthalate	10.29	149	766420	39.122	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	361409	39.352	ng	98
62) 4-Nitroaniline	10.45	138	189488	32.541	ng	99
63) Azobenzene	10.57	77	784030	38.909	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	113693	40.285	ng	99
66) n-Nitrosodiphenylamine	10.53	169	644896	40.232	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	224066	39.303	ng	97
68) Hexachlorobenzene	10.97	284	248969	37.767	ng	98
69) Atrazine	11.06	200	196694	37.300	ng	98
70) Pentachlorophenol	11.17	266	224033	69.999	ng	99
71) Phenanthrene	11.39	178	1055646	38.774	ng	99
72) Anthracene	11.44	178	1093377	39.682	ng	99
73) Carbazole	11.59	167	987452	39.502	ng	99
74) Di-n-butylphthalate	11.92	149	1193036	40.912	ng	99
75) Fluoranthene	12.57	202	1106691	38.828	ng	98
77) Benzidine	12.69	184	307640	24.087	ng	98
78) Pyrene	12.80	202	1133424	39.772	ng	100
80) Butylbenzylphthalate	13.41	149	505434	41.928	ng	96
81) Benzo(a)anthracene	13.99	228	925061	38.283	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	294222	35.047	ng	96
83) Chrysene	14.03	228	914743	38.993	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	701145	44.758	ng	99
85) Di-n-octyl phthalate	14.58	149	1083694	43.553	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	775379	39.352	ng	99
88) Benzo(b)fluoranthene	15.04	252	876278	49.982	ng	98
89) Benzo(k)fluoranthene	15.07	252	728919	42.686	ng	98
90) Benzo(a)pyrene	15.40	252	746270	47.617	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	658396	48.533	ng	99
92) Benzo(g,h,i)perylene	17.37	276	650100	48.795	ng	98

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

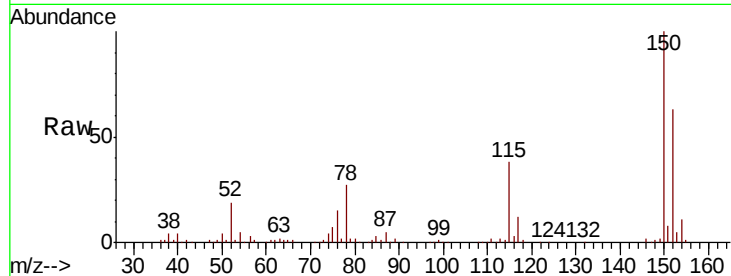


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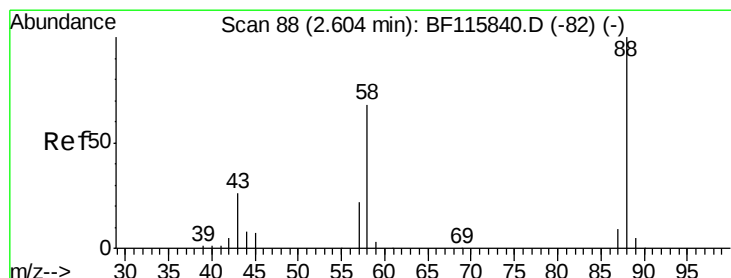
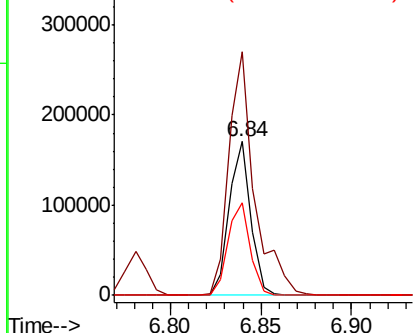
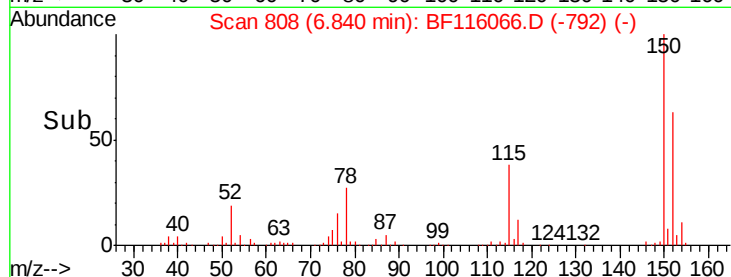
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142085
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 60.4 49.9 74.9



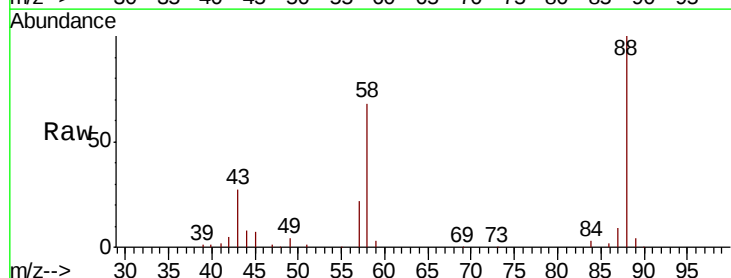
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



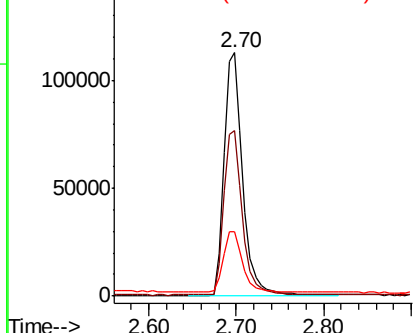
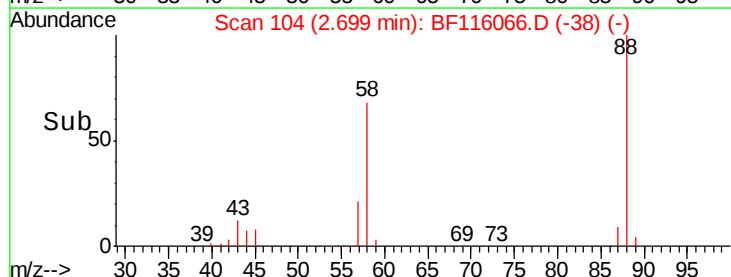
#2

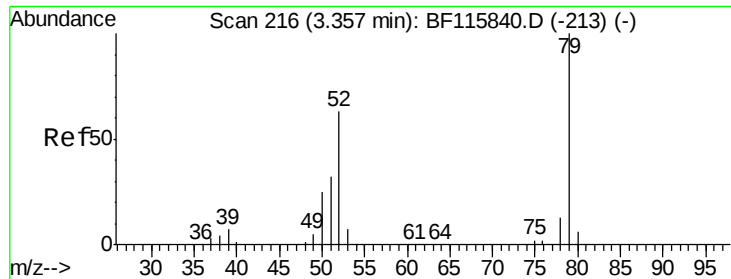
1,4-Dioxane
Concen: 38.278 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion: 88 Resp: 164129
Ion Ratio Lower Upper
88 100
58 67.7 53.7 80.5
43 25.9 21.0 31.4



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





#3

Pvridine

Concen: 29.392 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

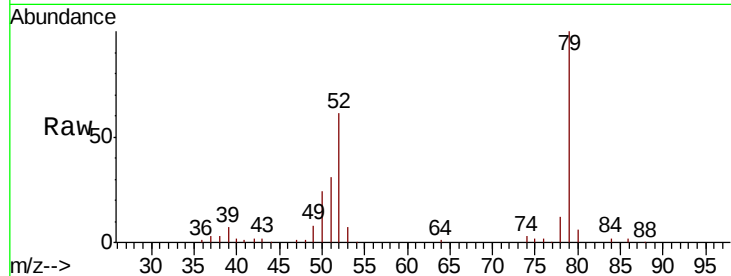
Tot Ion: 79 Resp: 352043

Ion Ratio Lower Upper

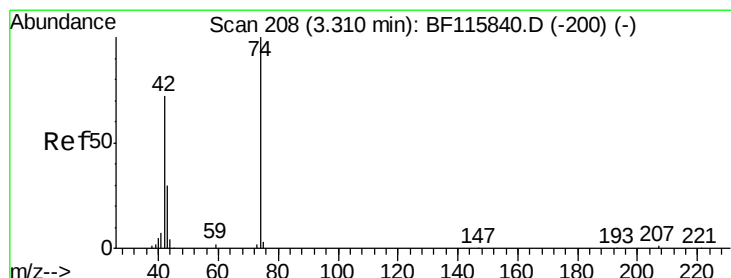
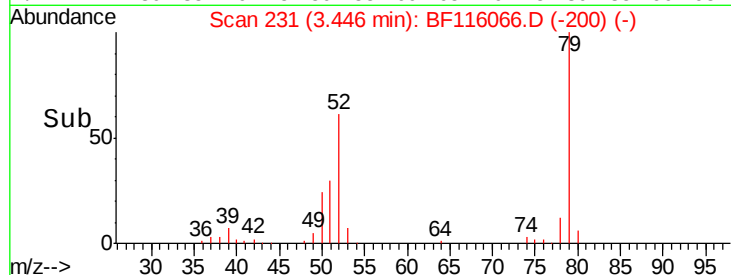
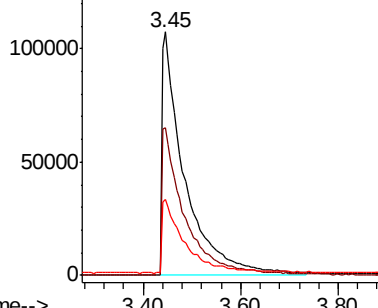
79 100

52 60.6 49.8 74.8

51 31.4 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 34.472 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

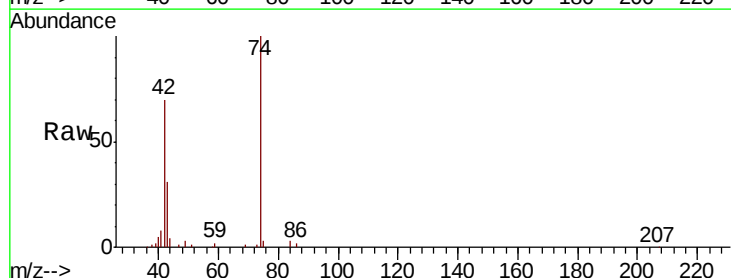
Tgt Ion: 42 Resp: 162943

Ion Ratio Lower Upper

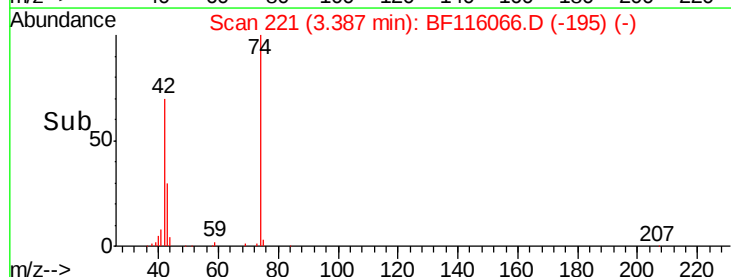
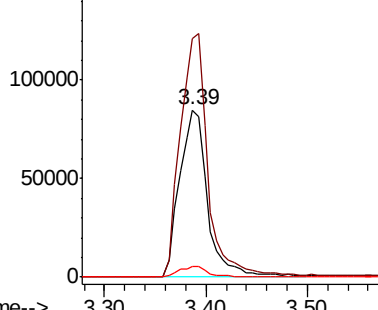
42 100

74 142.5 116.0 174.0

44 6.3 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.411 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

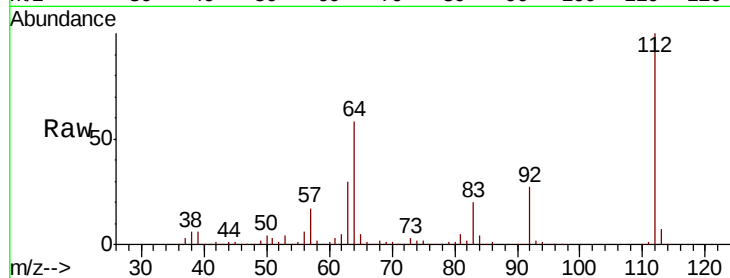
Tot Ion:112 Resp: 894669

Ion Ratio Lower Upper

112 100

64 58.0 45.4 68.2

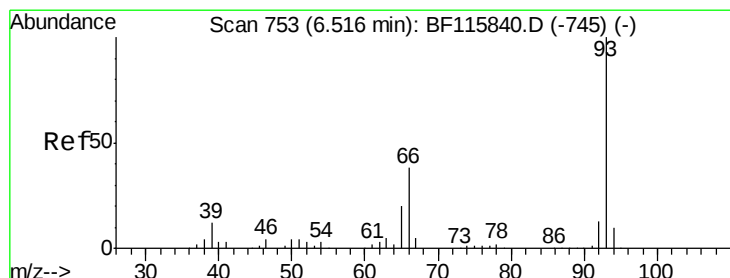
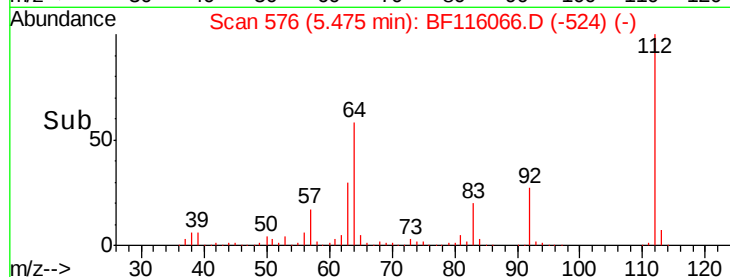
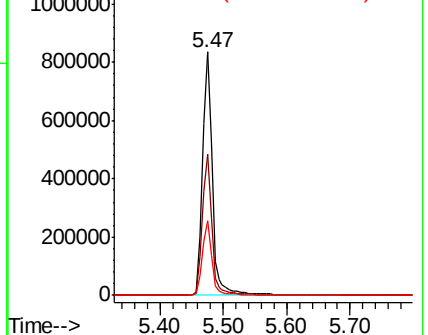
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.822 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

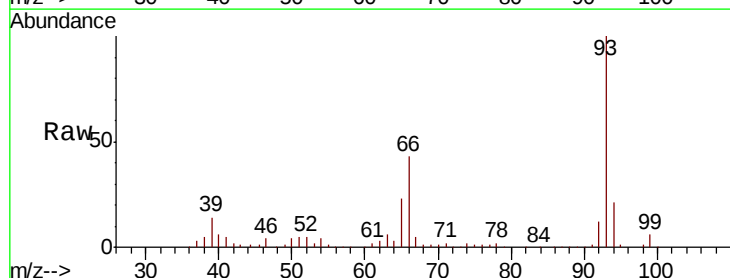
Tgt Ion: 93 Resp: 426673

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.4

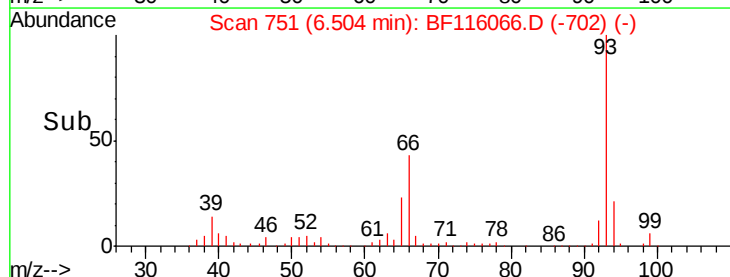
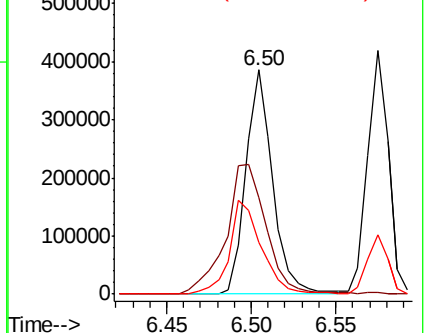
65 23.3 17.0 25.6

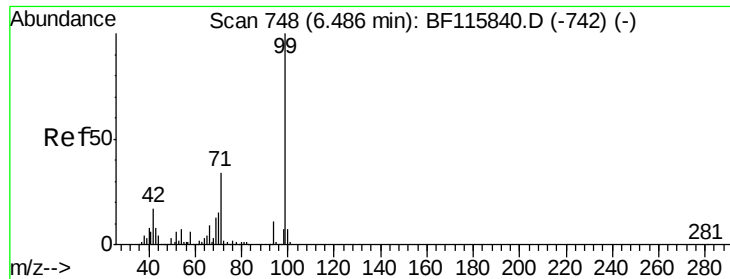


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.291 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

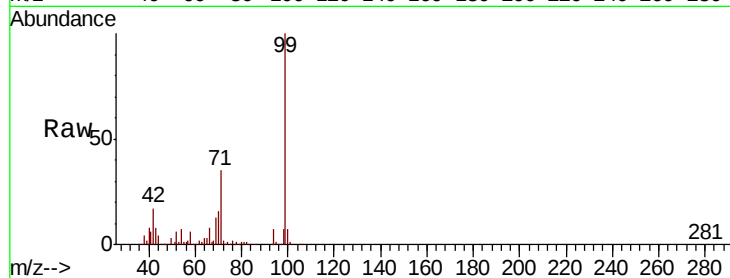
Tot Ion: 99 Resp: 1138203

Ion Ratio Lower Upper

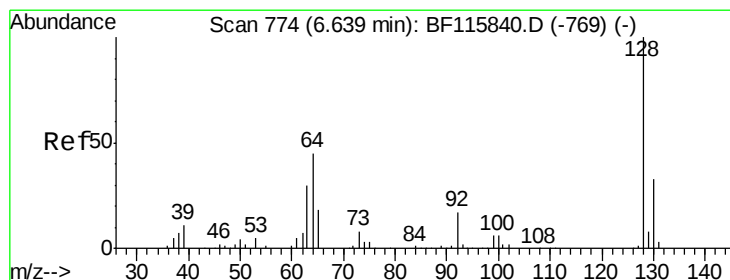
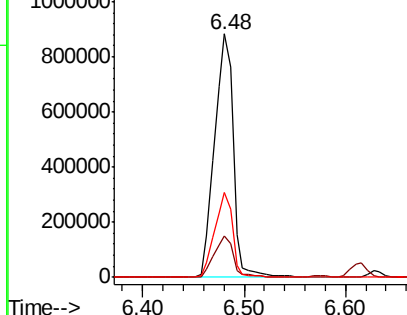
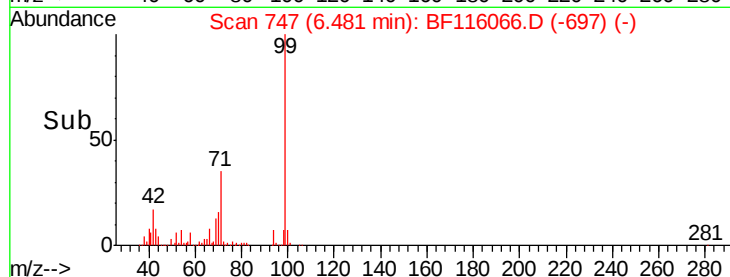
99 100

42 17.2 13.8 20.8

71 34.8 27.3 40.9



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



#8

2-Chlorophenol

Concen: 39.283 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

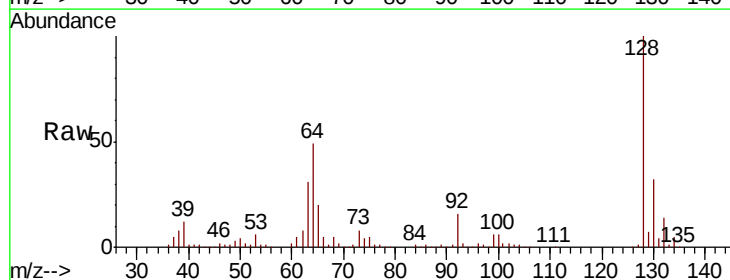
Tgt Ion: 128 Resp: 368688

Ion Ratio Lower Upper

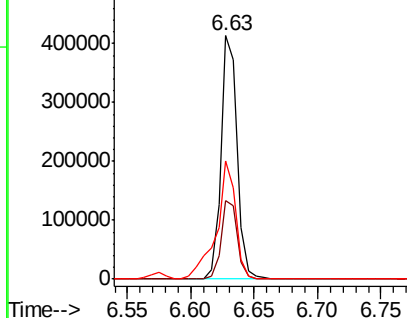
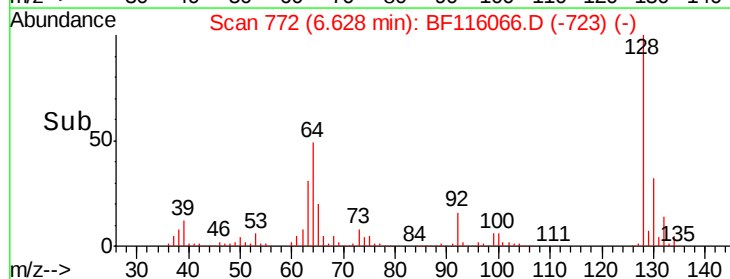
128 100

130 32.1 12.9 52.9

64 48.8 24.3 64.3



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





#9

Benzaldehyde

Concen: 15.282 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

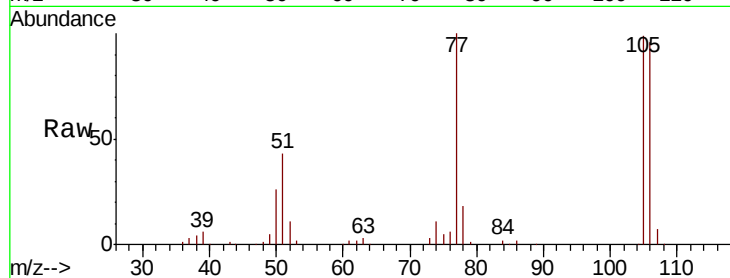
Tot Ion: 77 Resp: 112916

Ion Ratio Lower Upper

77 100

105 99.1 79.2 119.2

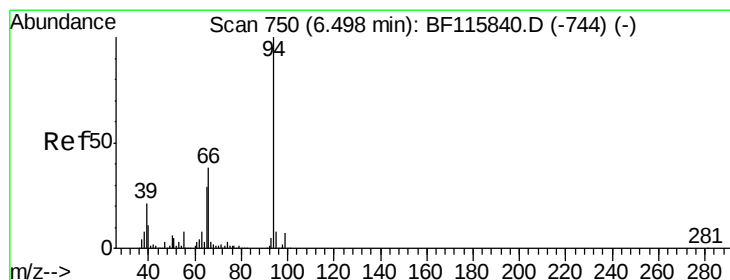
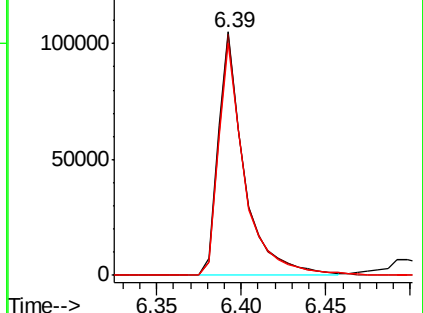
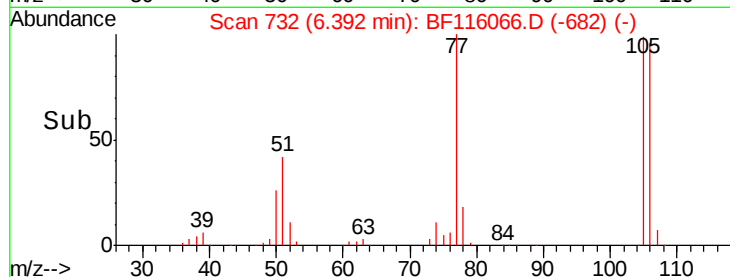
106 95.6 74.3 114.3



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: 37.076 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

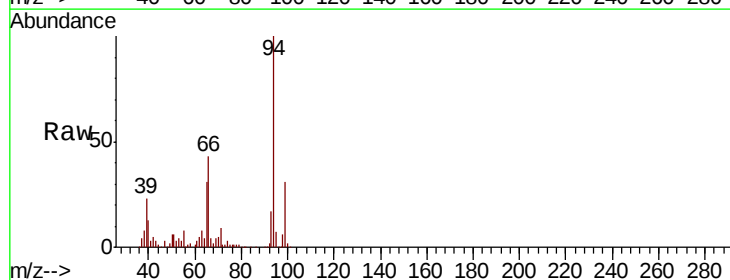
Tgt Ion: 94 Resp: 467541

Ion Ratio Lower Upper

94 100

65 31.4 16.8 56.8

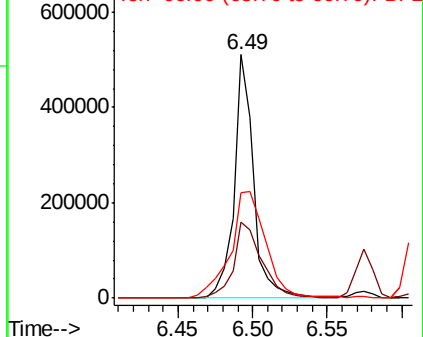
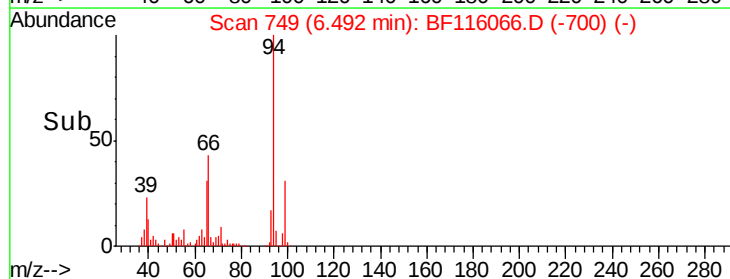
66 43.2 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

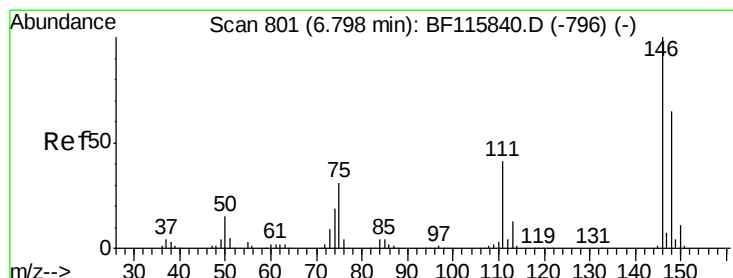
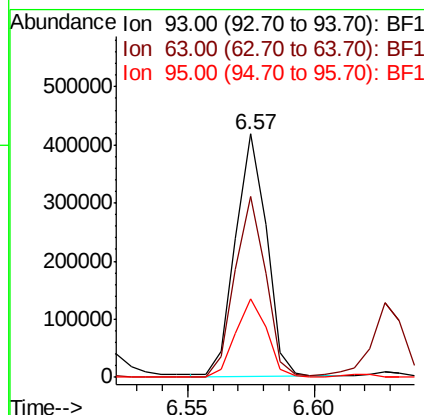
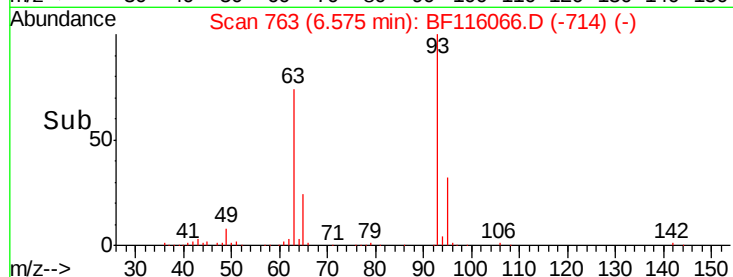
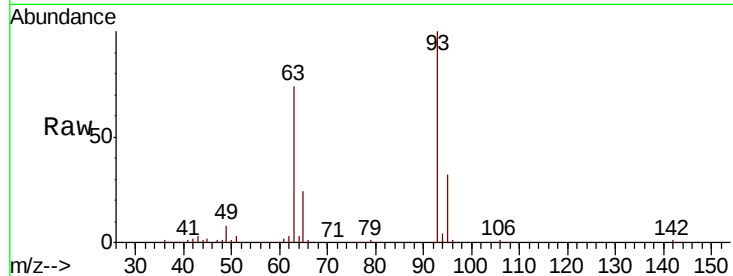




#11
 bis(2-Chloroethyl)ether
 Concen: 38.145 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

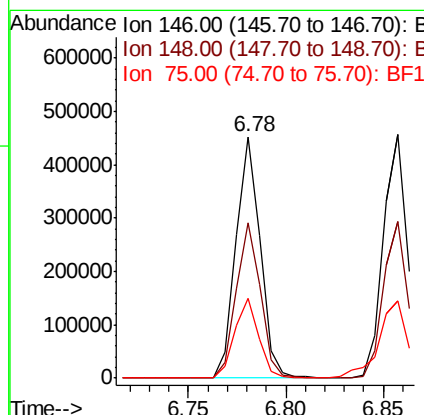
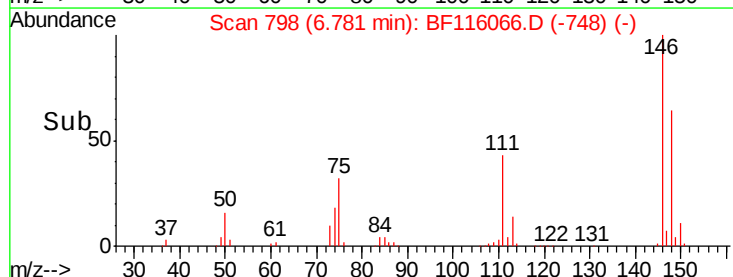
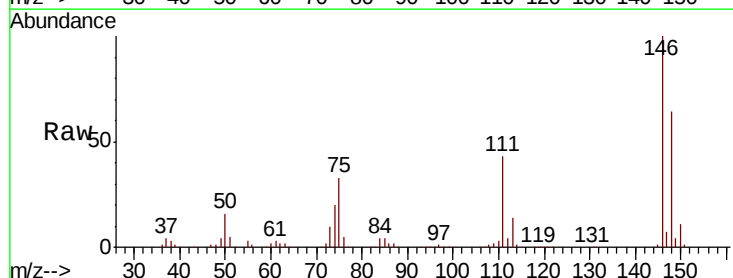
Instrument :
 BNA_F
 ClientSampleId :

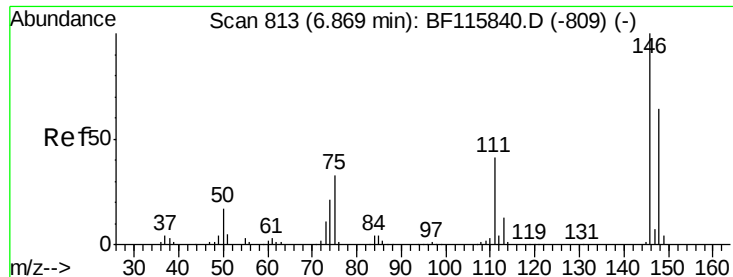
Tot Ion: 93 Resp: 353651
 Ion Ratio Lower Upper
 93 100
 63 74.3 51.9 91.9
 95 32.0 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 36.075 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion: 146 Resp: 391294
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.3 76.9
 75 32.9 27.4 41.2

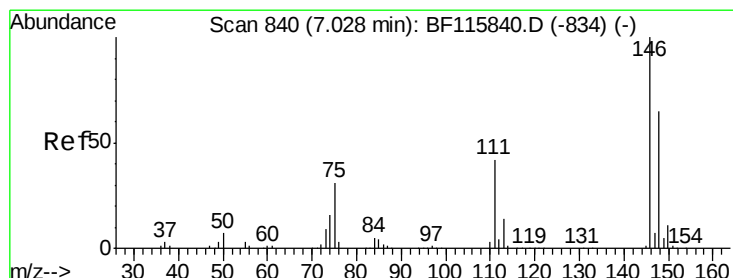
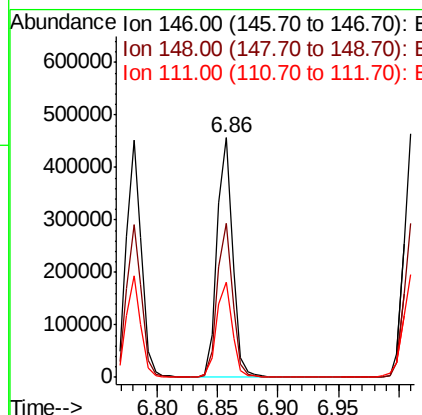
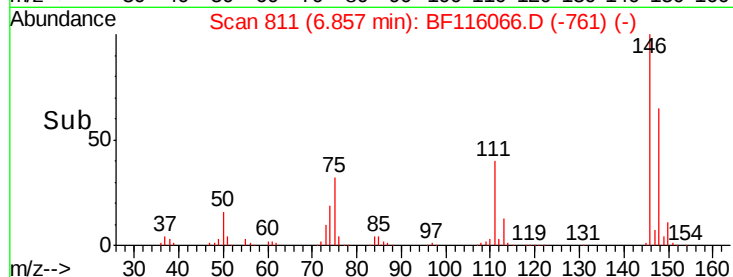
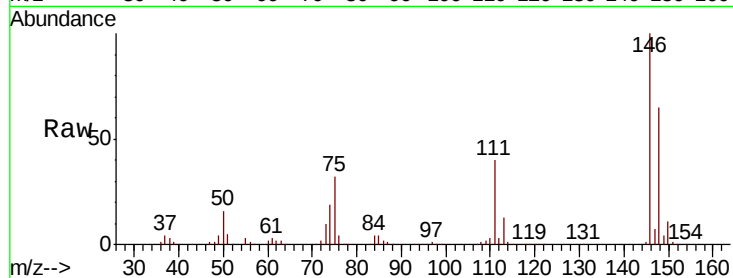




#13
 1,4-Dichlorobenzene
 Concen: 36.954 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

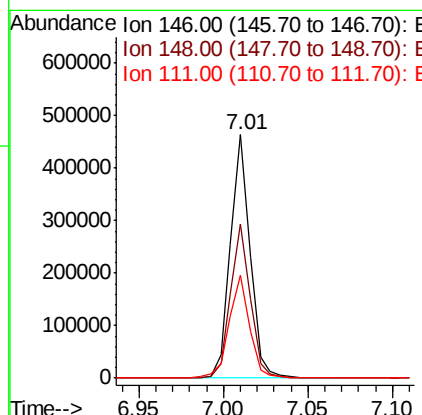
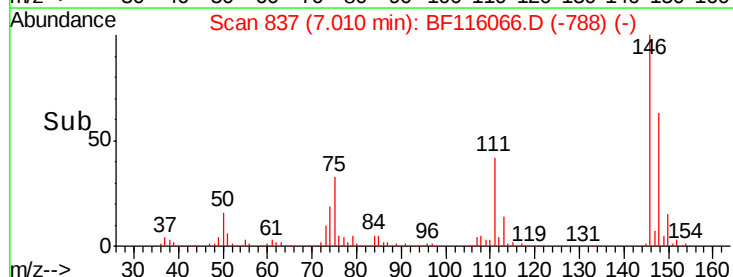
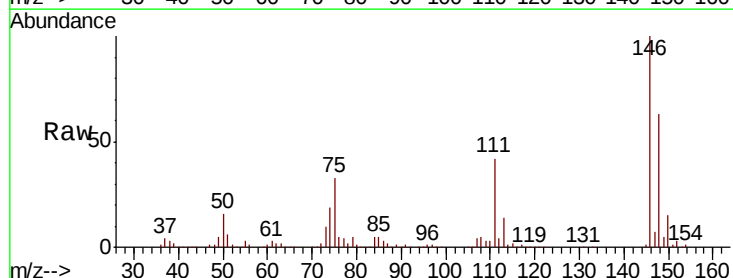
Instrument :
 BNA_F
 ClientSampled :

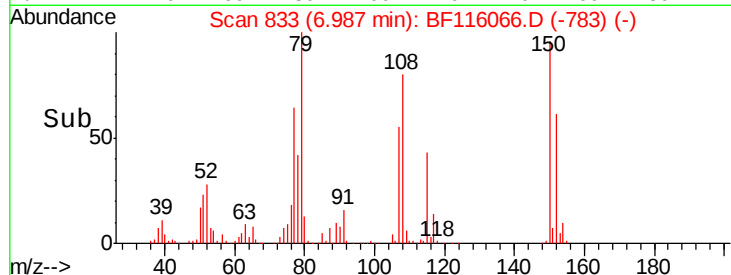
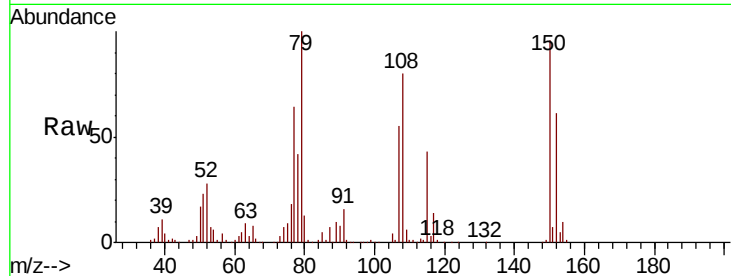
Tot Ion:146 Resp: 401332
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.3 76.9
 111 40.0 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 37.401 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:146 Resp: 374019
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.2 76.8
 111 42.3 33.5 50.3

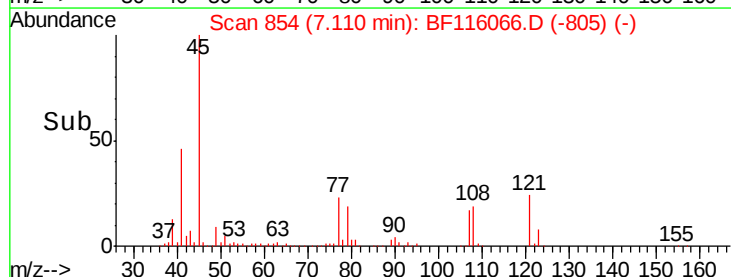
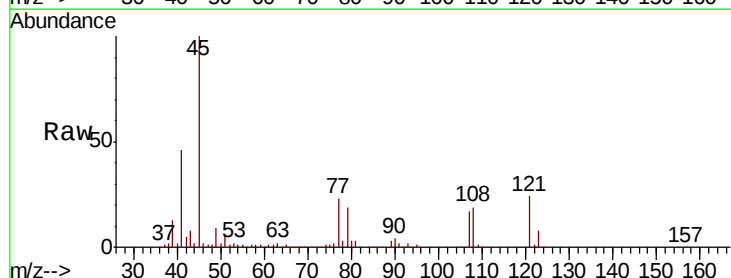
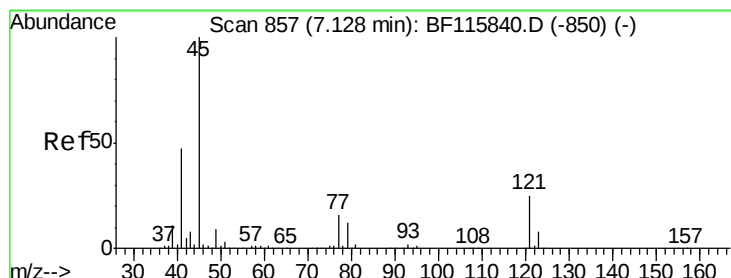
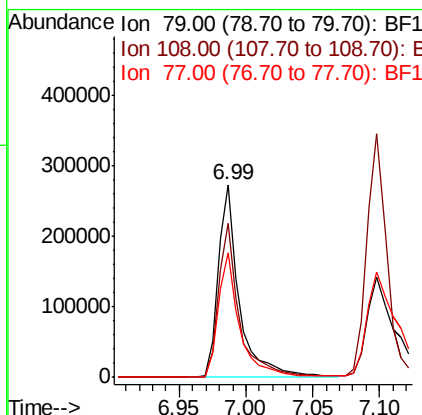




#15
Benzyl Alcohol
Concen: 37.585 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

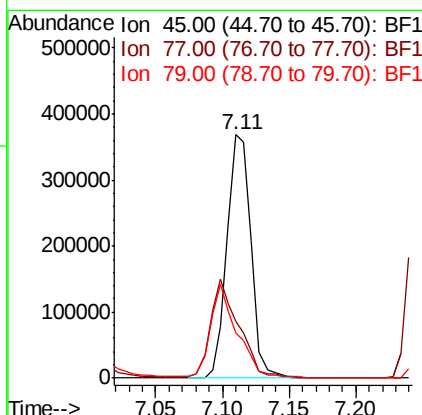
Instrument :
BNA_F
ClientSampleId :

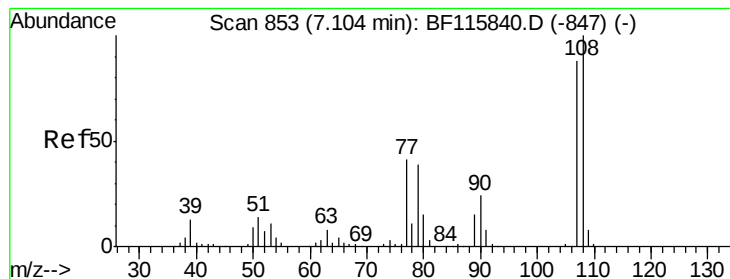
Tot Ion: 79 Resp: 305433
Ion Ratio Lower Upper
79 100
108 79.9 62.7 94.1
77 64.3 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.040 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion: 45 Resp: 468400
Ion Ratio Lower Upper
45 100
77 23.2 0.0 40.0
79 18.6 0.0 35.9





#17

2-Methylphenol

Concen: 39.806 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 316342

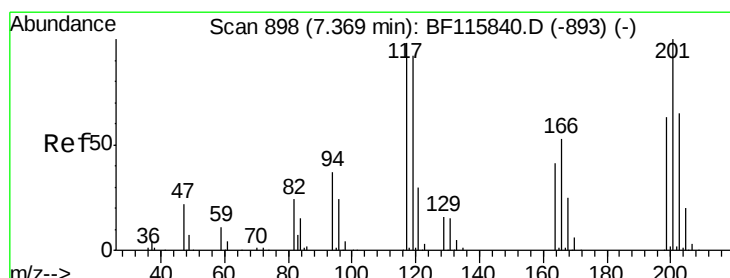
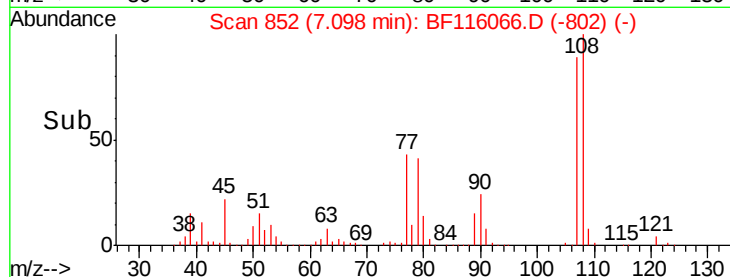
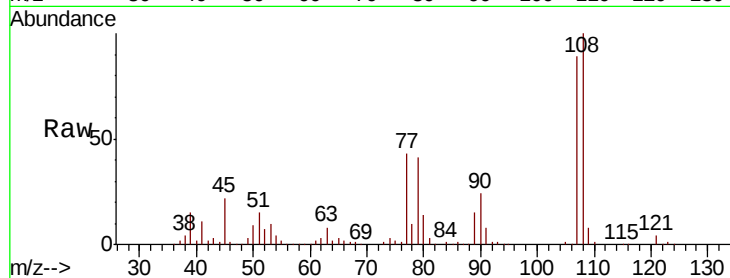
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.2	136.8
77	48.7	40.3	60.5
79	46.0	37.6	56.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.662 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

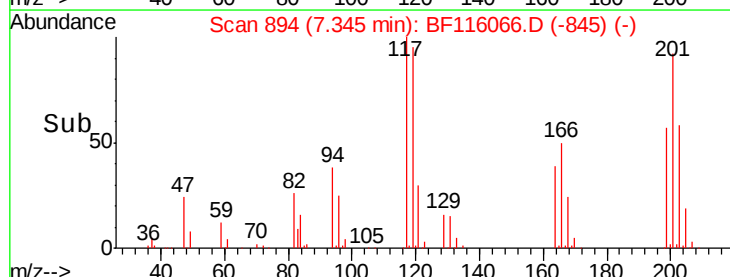
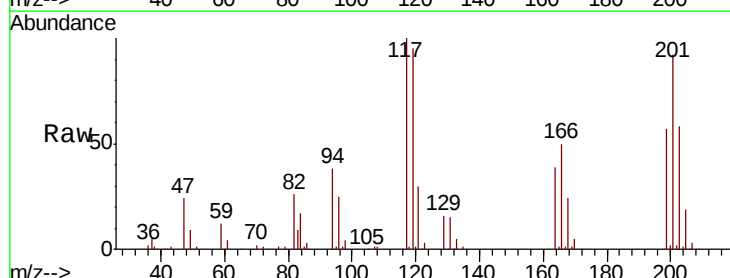
Tgt Ion:117 Resp: 146593

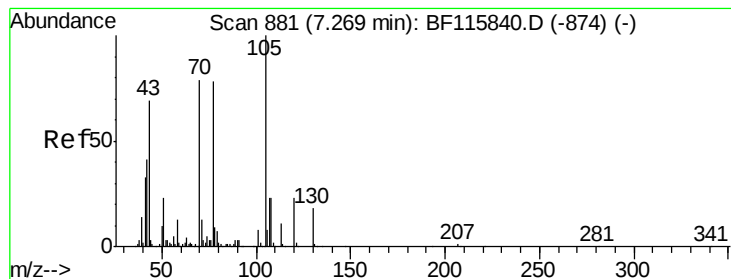
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
201	91.8	77.0	115.4

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.998 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 252144

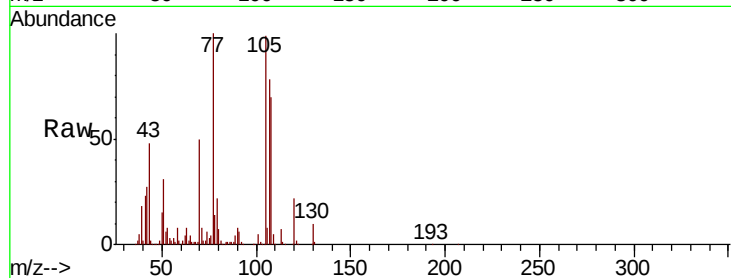
Ion Ratio Lower Upper

70 100

42 54.2 40.9 61.3

101 9.9 7.9 11.9

130 20.8 16.9 25.3



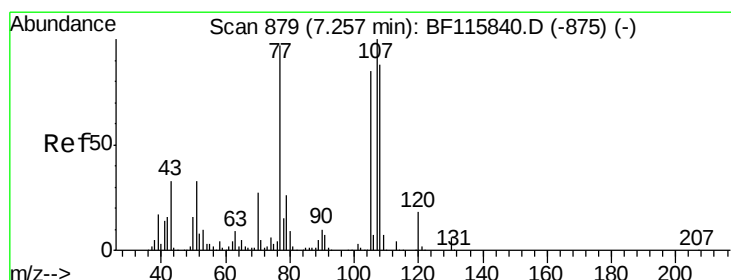
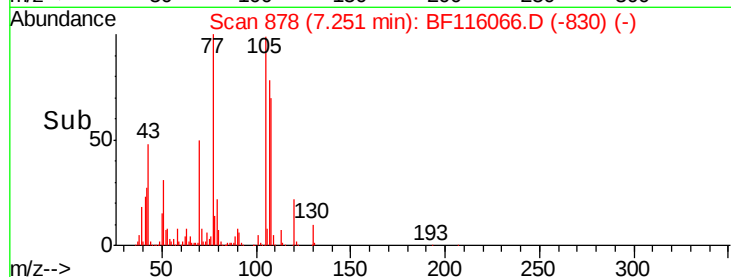
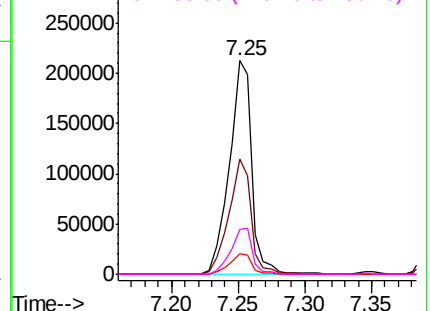
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.956 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:107 Resp: 375758

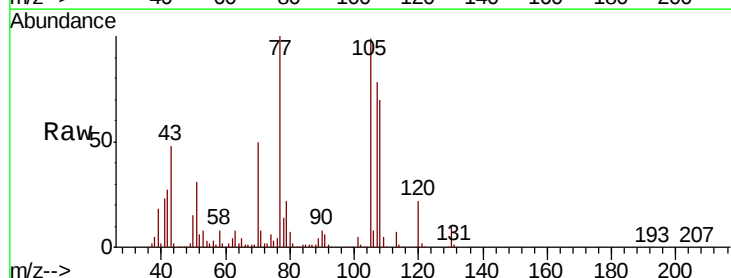
Ion Ratio Lower Upper

107 100

108 90.0 67.6 107.6

77 128.0 104.4 144.4

79 28.5 7.4 47.4



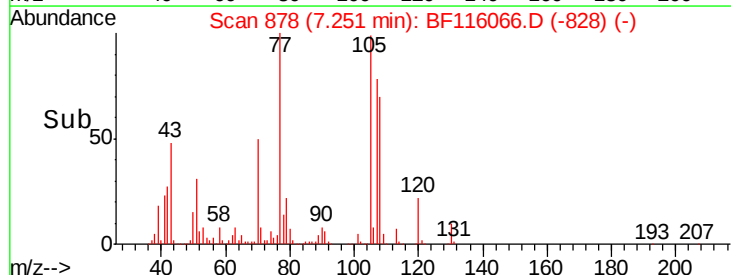
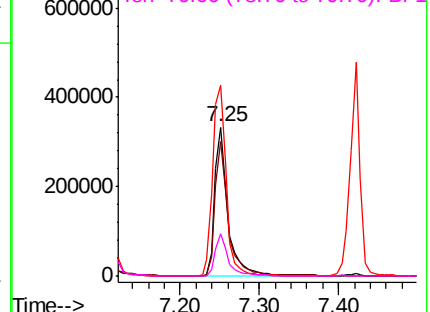
Abundance

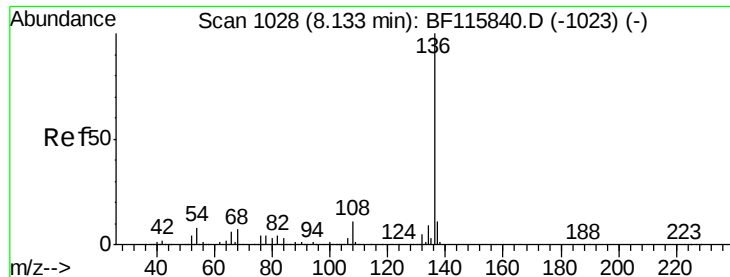
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 582070

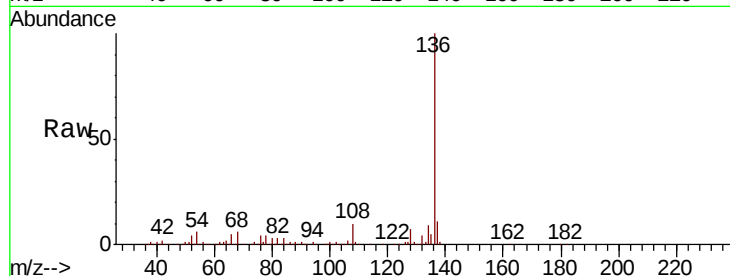
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 5.8 8.6

68 5.8 5.2 7.8

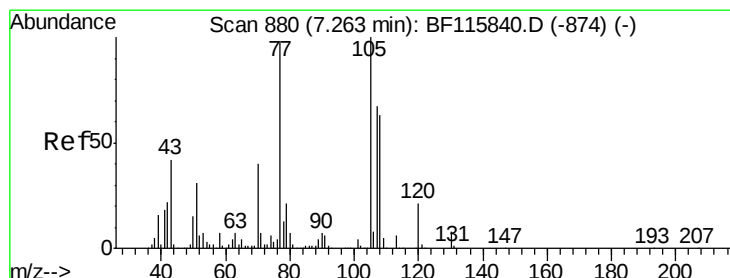
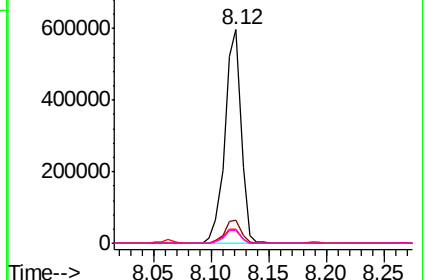
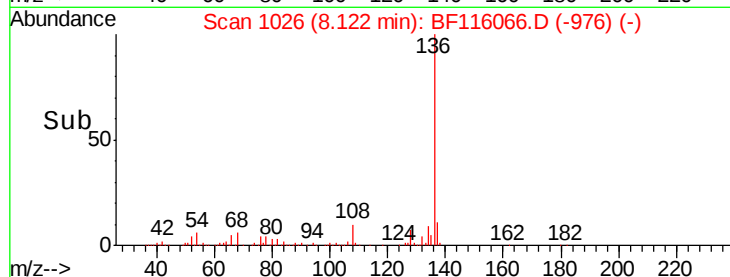


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.588 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:105 Resp: 505364

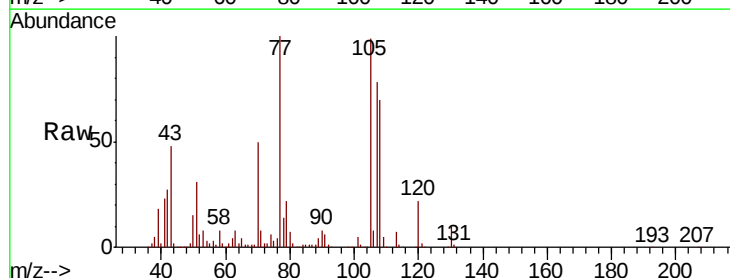
Ion Ratio Lower Upper

105 100

71 8.5 5.9 8.9

51 31.5 25.3 37.9

120 22.1 17.9 26.9

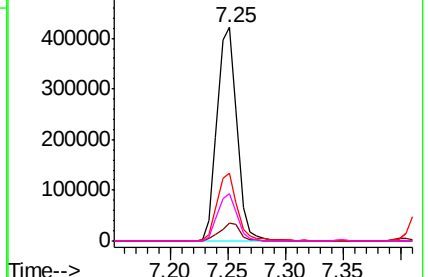
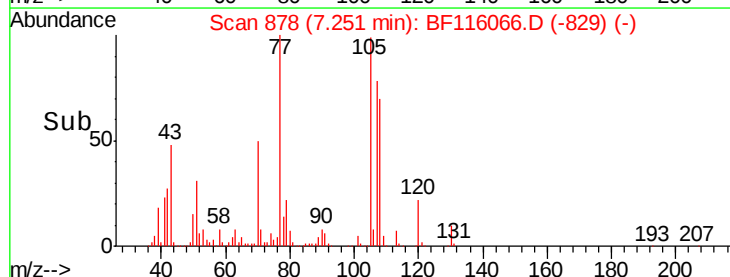


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

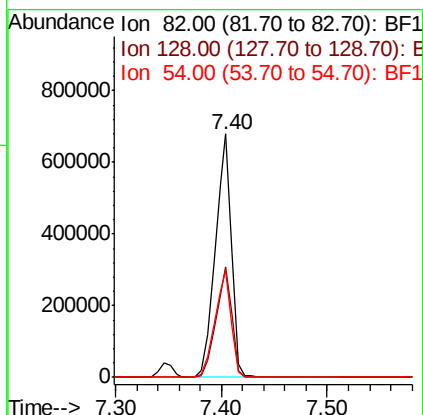
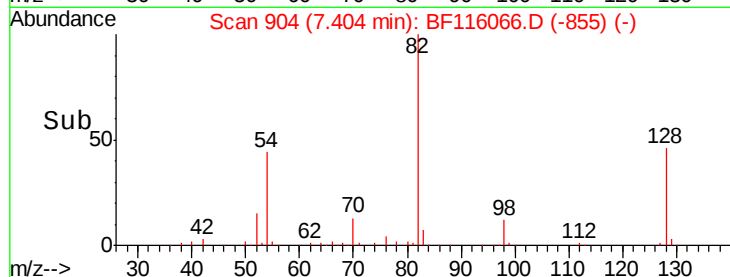
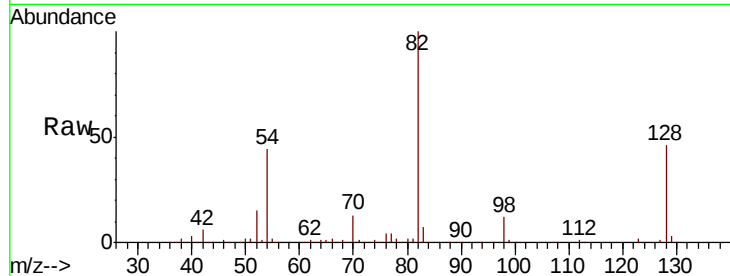




#23
 Nitrobenzene-d5
 Concen: 72.892 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

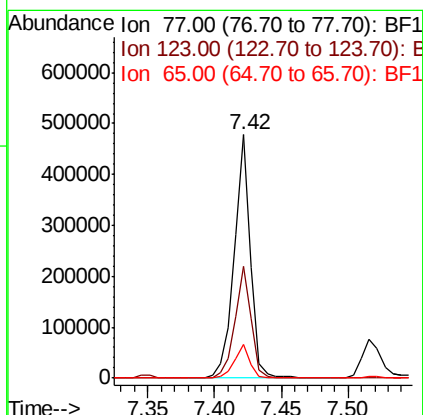
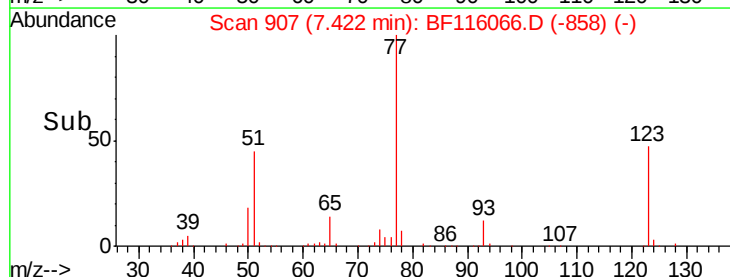
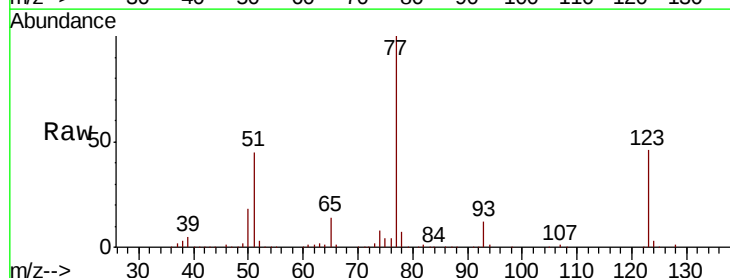
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 735035
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 44.1 36.0 54.0



#24
 Nitrobenzene
 Concen: 37.626 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion: 77 Resp: 409681
 Ion Ratio Lower Upper
 77 100
 123 46.1 36.7 55.1
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 38.716 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

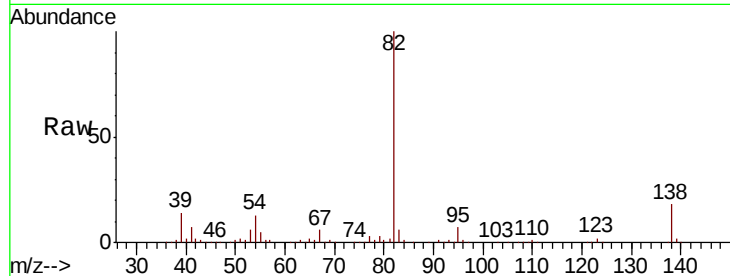
Tot Ion: 82 Resp: 746518

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

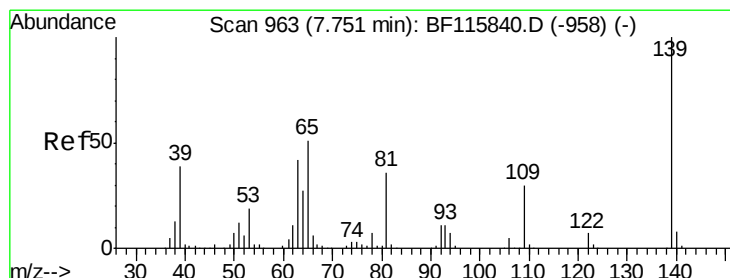
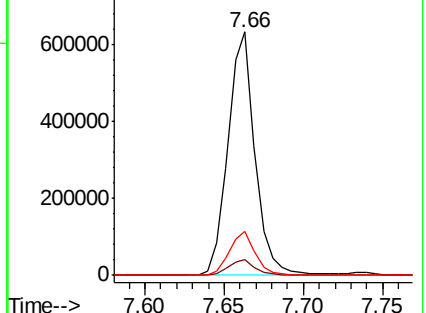
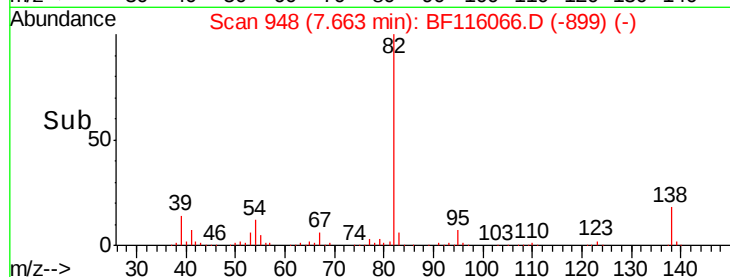
138 18.2 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.438 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

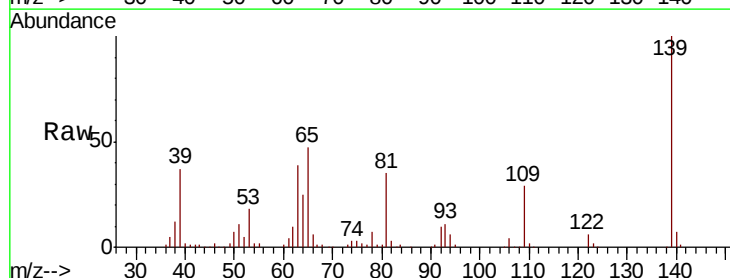
Tgt Ion: 139 Resp: 202415

Ion Ratio Lower Upper

139 100

109 29.1 23.4 35.2

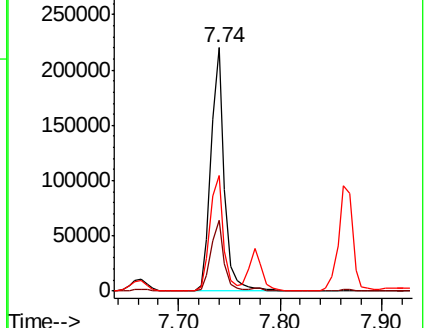
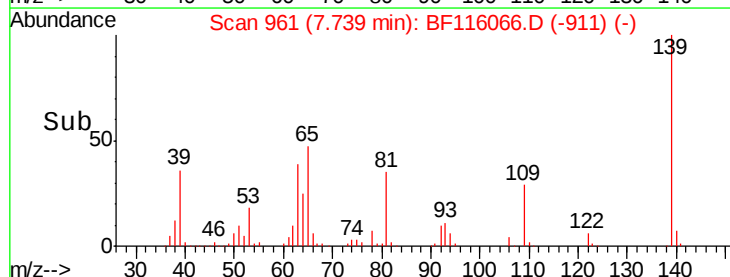
65 47.4 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.171 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

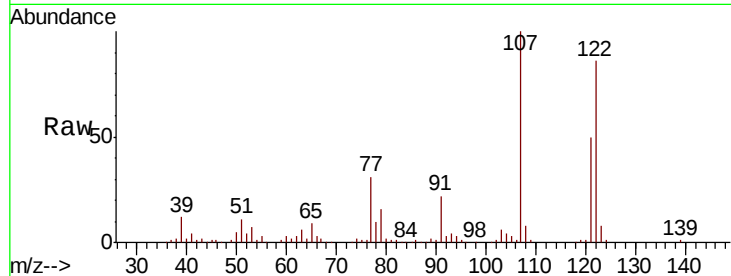
Tot Ion:122 Resp: 333359

Ion Ratio Lower Upper

122 100

107 116.4 93.0 139.6

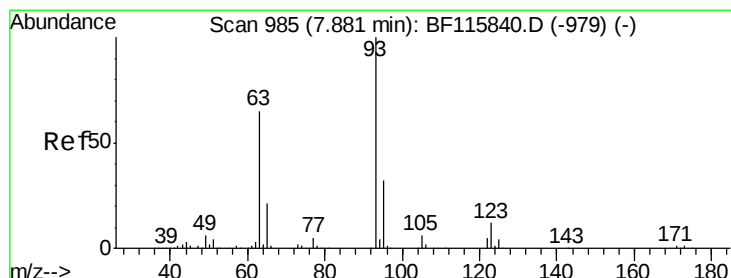
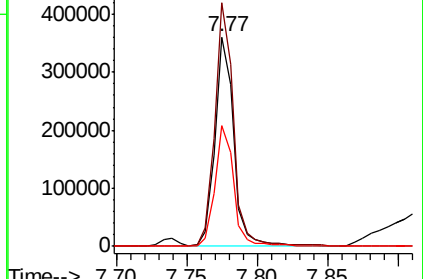
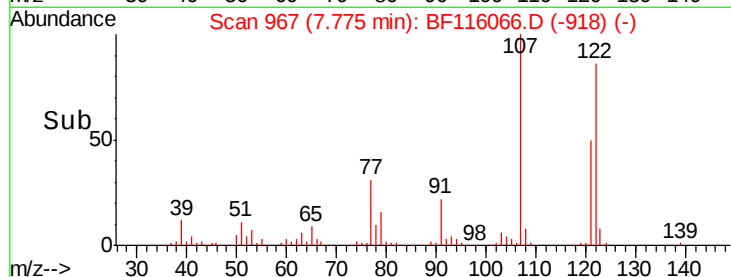
121 57.7 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.080 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

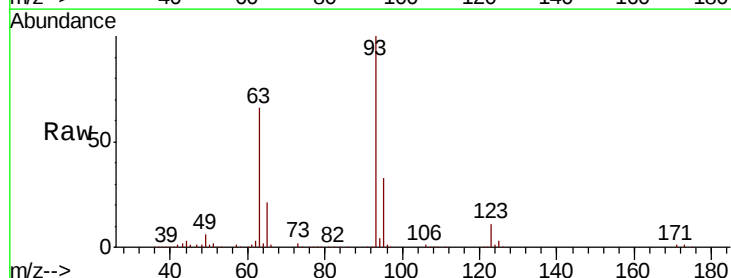
Tgt Ion: 93 Resp: 455106

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

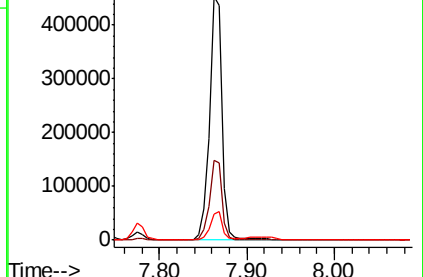
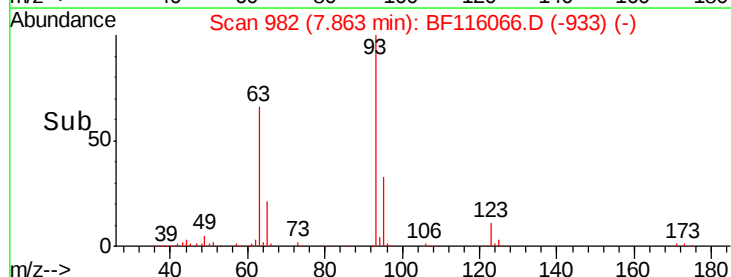
123 10.9 9.2 13.8

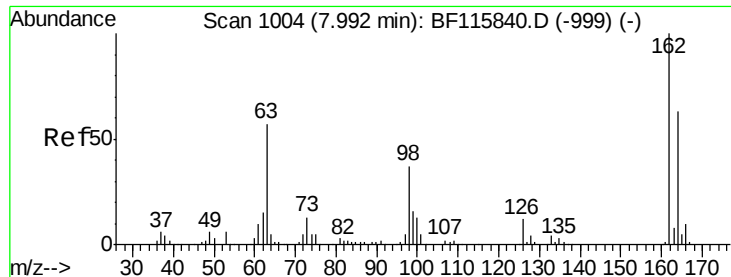


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

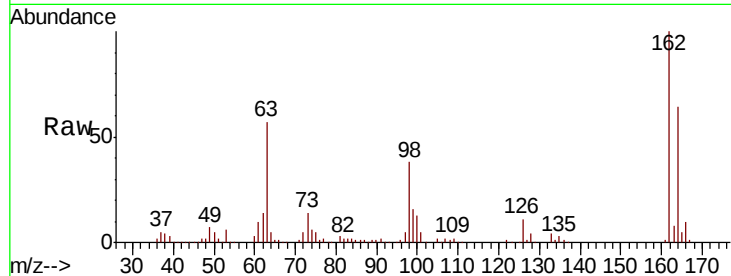




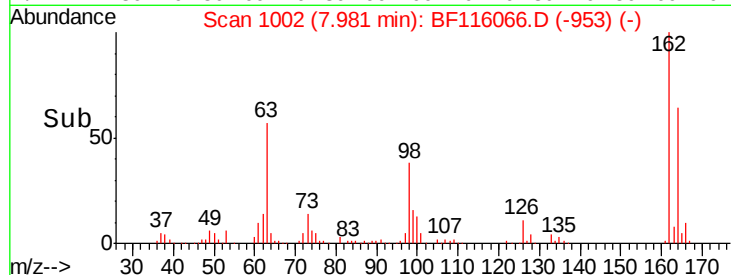
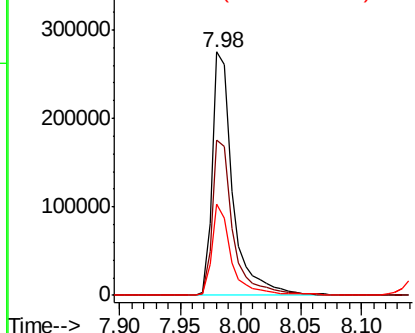
#29
 2,4-Dichlorophenol
 Concen: 39.566 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 322590
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.1 85.1
 98 37.8 15.8 55.8

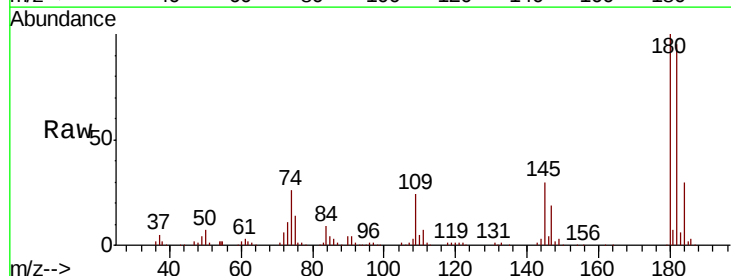


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

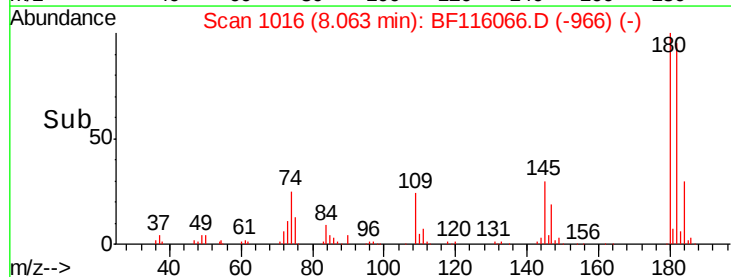
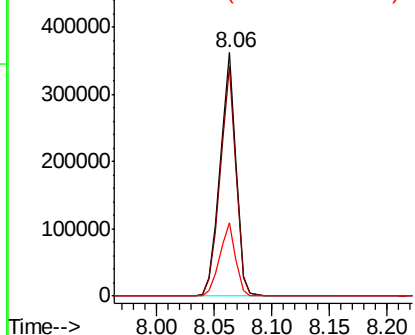


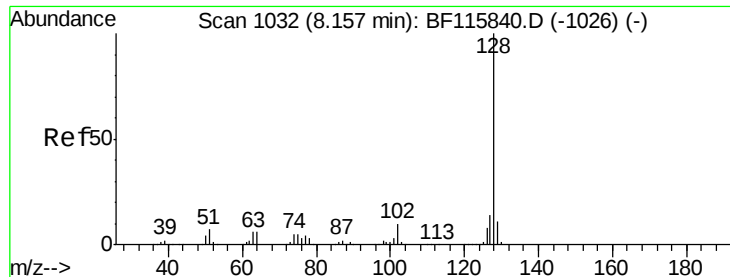
#30
 1,2,4-Trichlorobenzene
 Concen: 37.613 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:180 Resp: 349572
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.7 113.5
 145 30.1 24.3 36.5



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

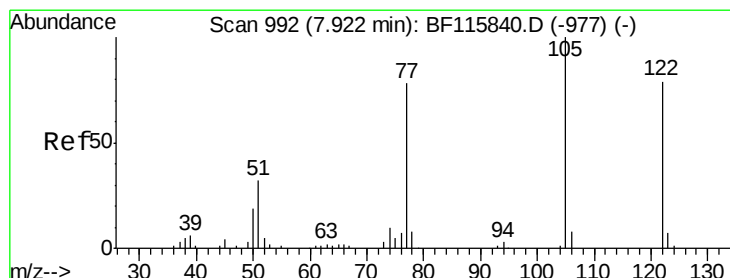
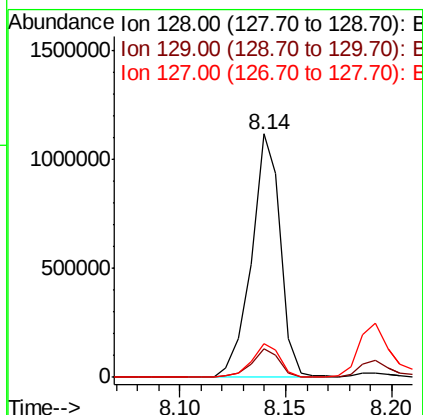
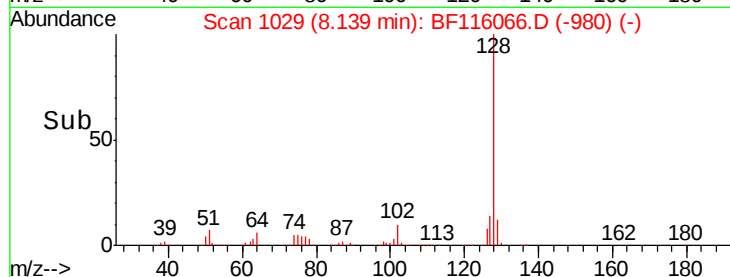
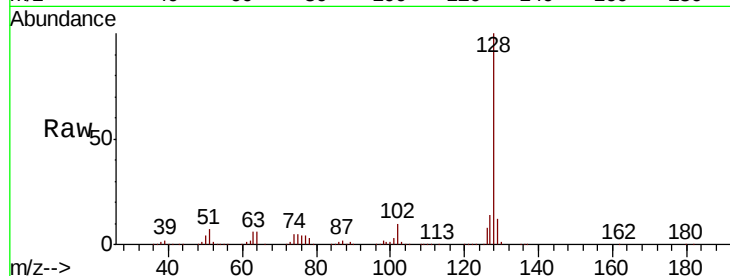




#31
Naphthalene
Concen: 38.843 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

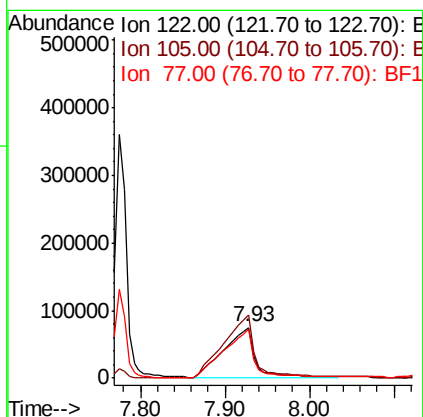
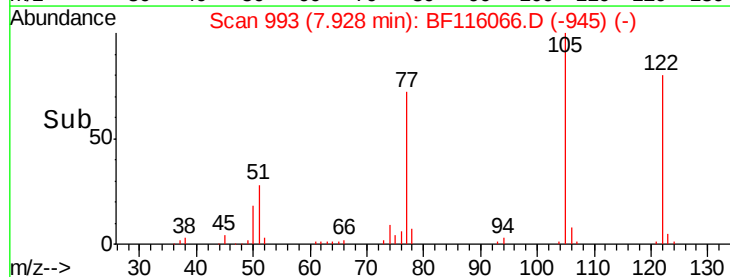
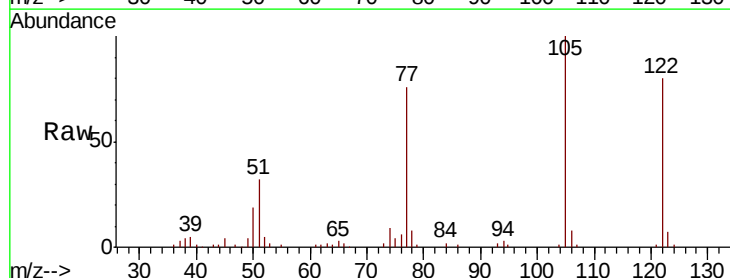
Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1063937
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 34.704 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:122 Resp: 188933
Ion Ratio Lower Upper
122 100
105 125.7 106.1 146.1
77 95.7 76.7 116.7

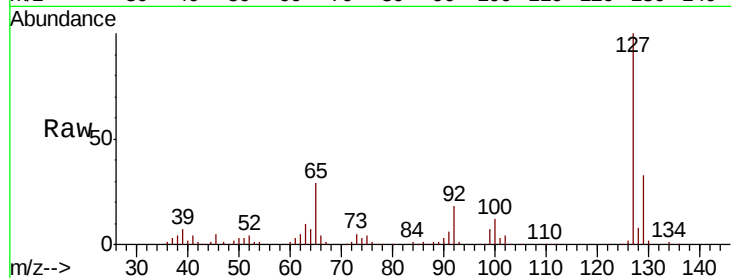




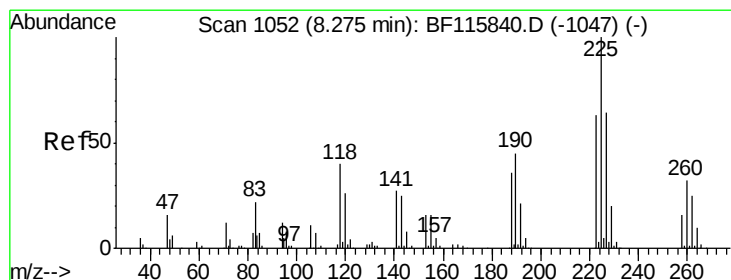
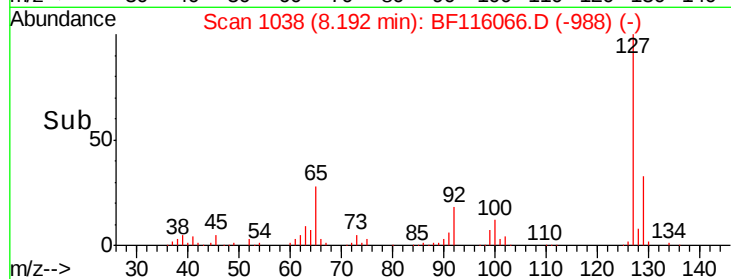
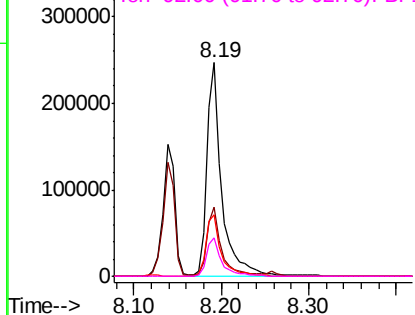
#33
4-Chloroaniline
Concen: 23.787 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	291113
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.0	24.9	37.3
92	18.2	15.7	23.5

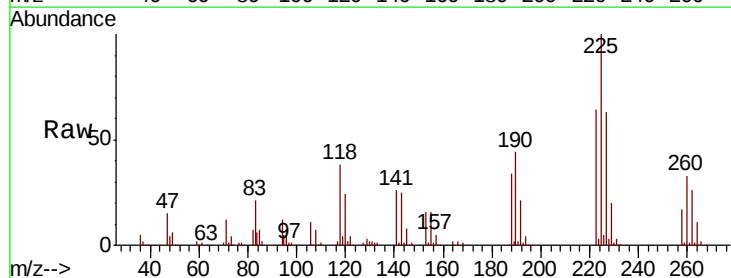


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

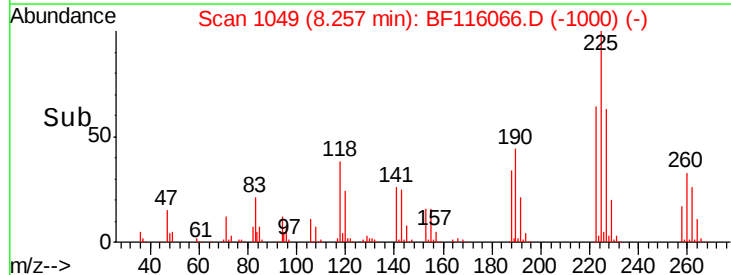
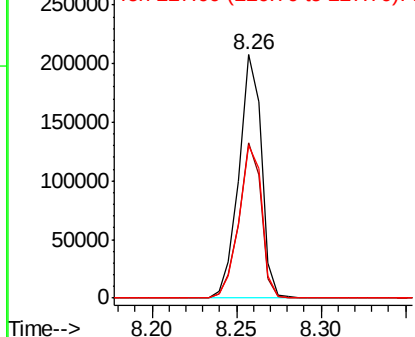


#34
Hexachlorobutadiene
Concen: 36.020 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:	225	Resp:	192820
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	62.7	51.0	76.4



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

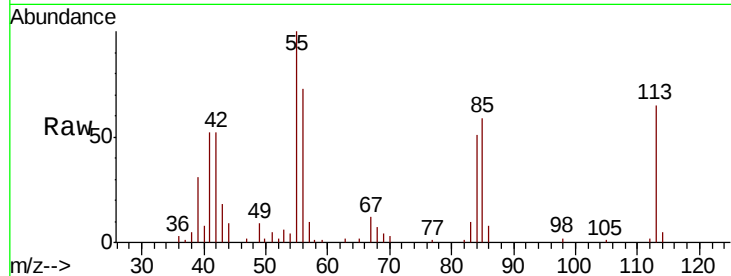




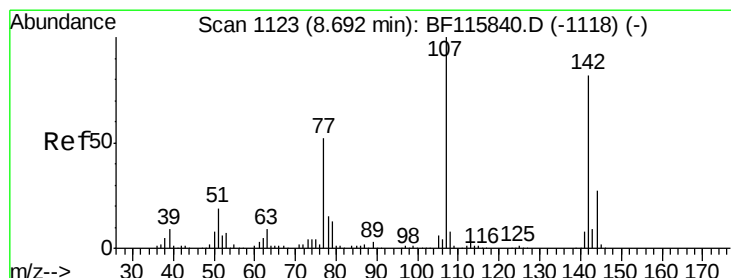
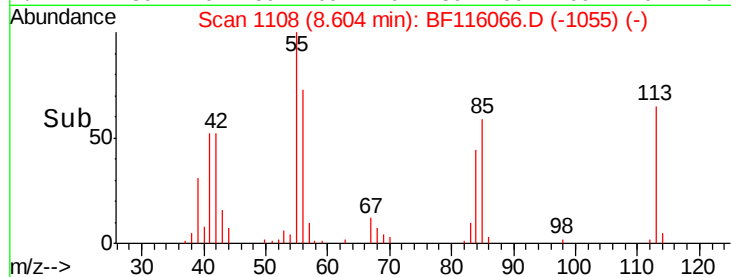
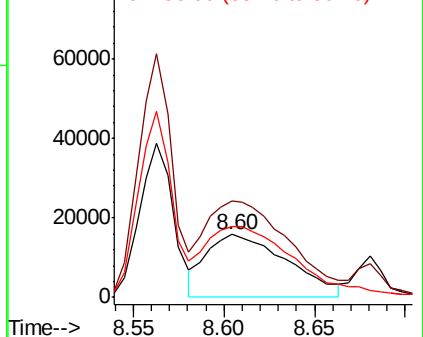
#35
Caprolactam
Concen: 18.779 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 49520
Ion Ratio Lower Upper
113 100
55 153.2 144.3 184.3
56 111.4 97.1 137.1

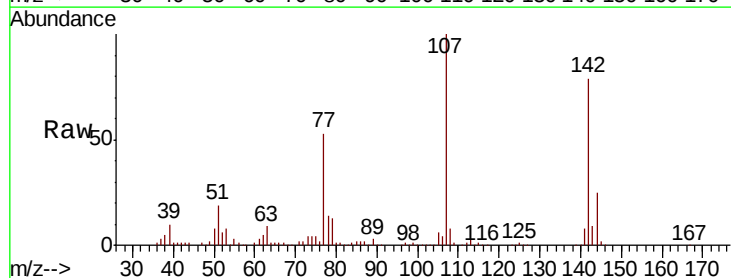


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

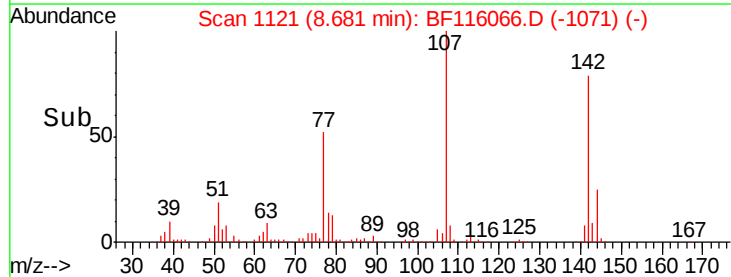
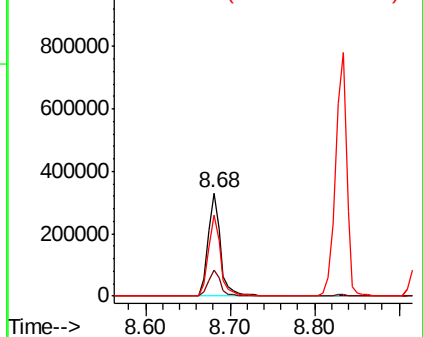


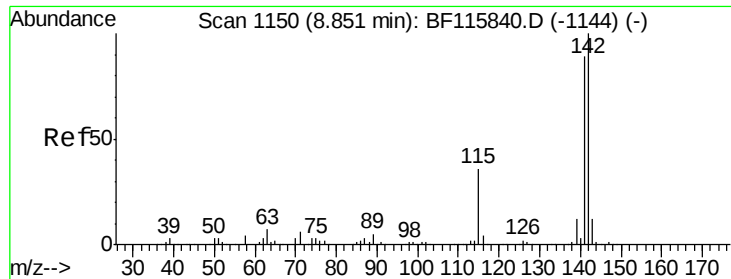
#36
4-Chloro-3-methylphenol
Concen: 40.034 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:107 Resp: 339563
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 78.6 61.7 92.5



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

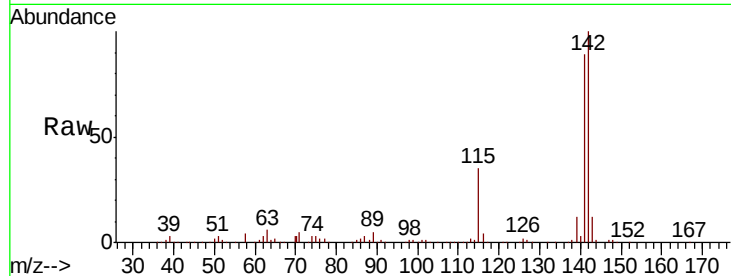




#37
2-Methylnaphthalene
Concen: 39.546 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	34.9	29.0	43.6

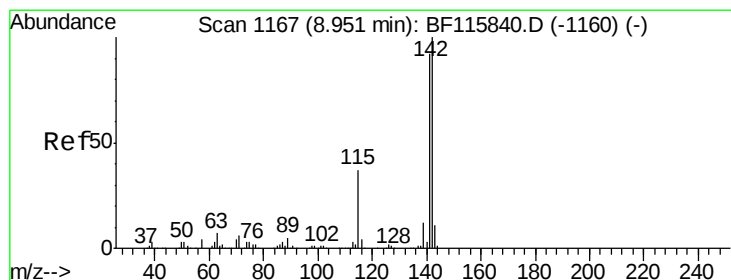
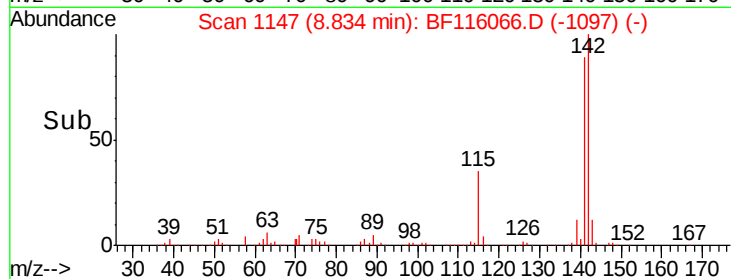
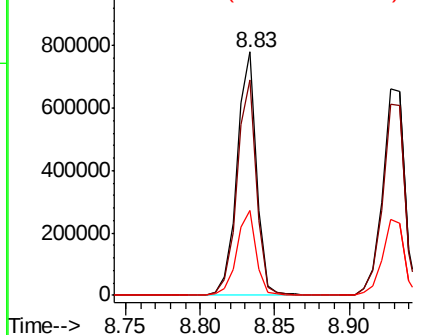


Abundance

Ion 142.00 (141.70 to 142.70): E

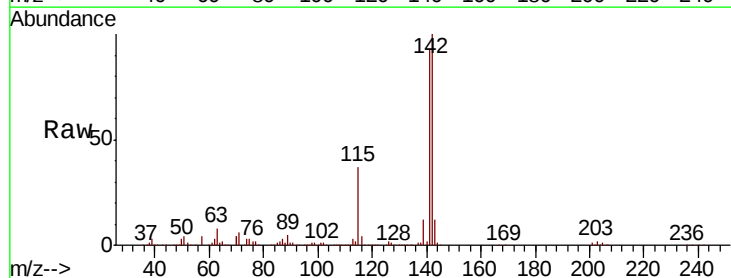
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.181 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.4	111.6
116	3.9	3.1	4.7

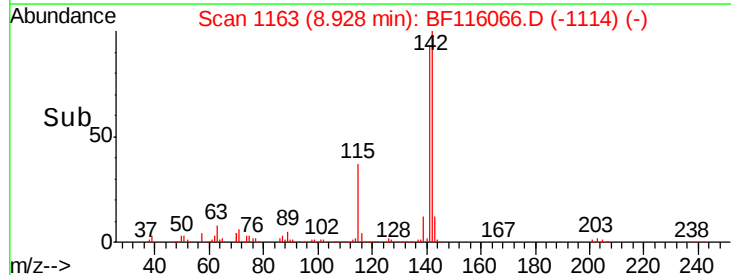
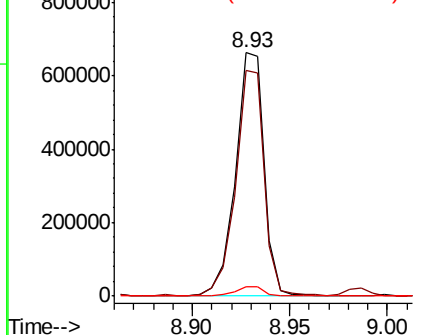


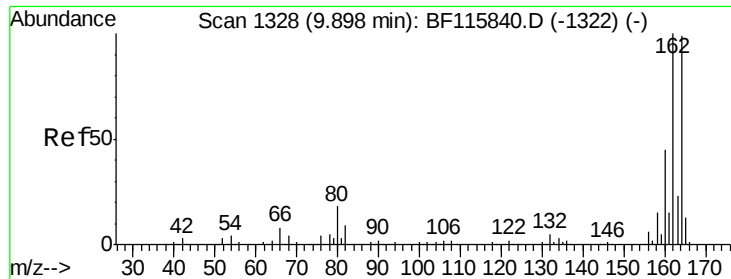
Abundance

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

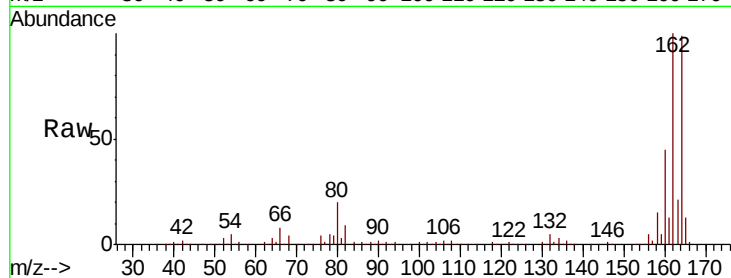




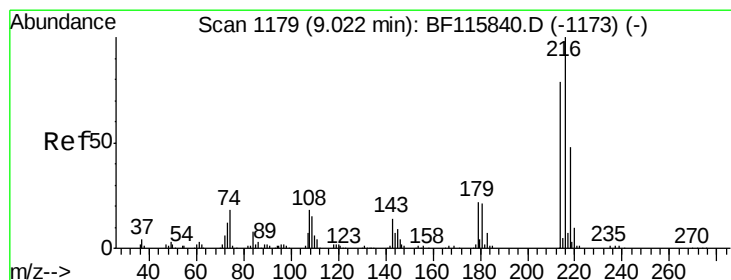
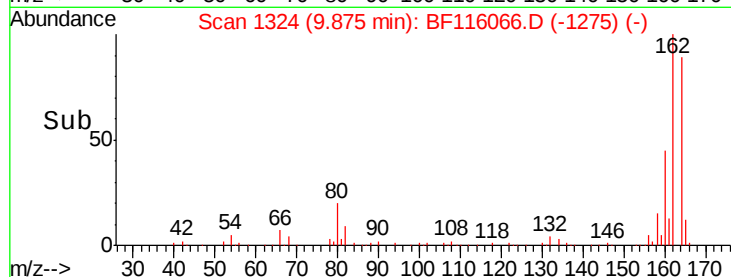
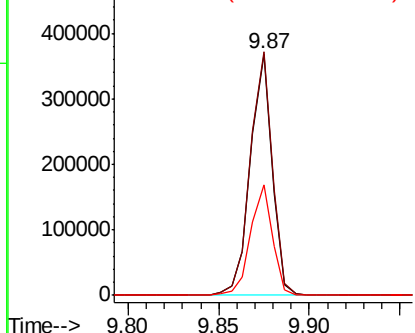
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 308178
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 124.0
 160 45.5 37.6 56.4

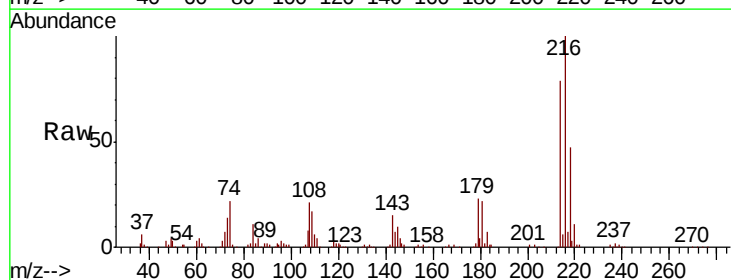


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

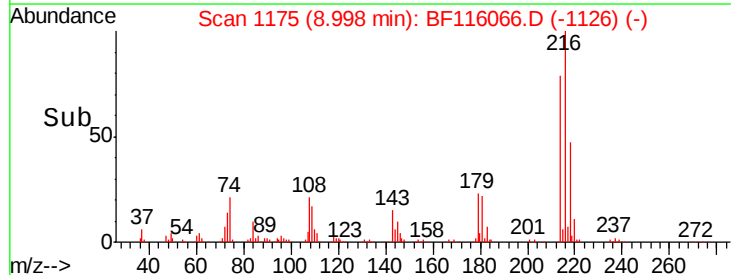
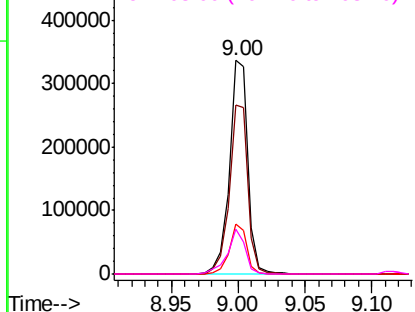


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.616 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:216 Resp: 326393
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.6 95.4
 179 22.2 17.8 26.8
 108 20.5 16.5 24.7



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

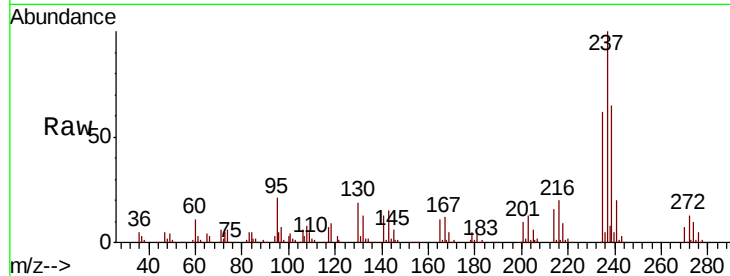




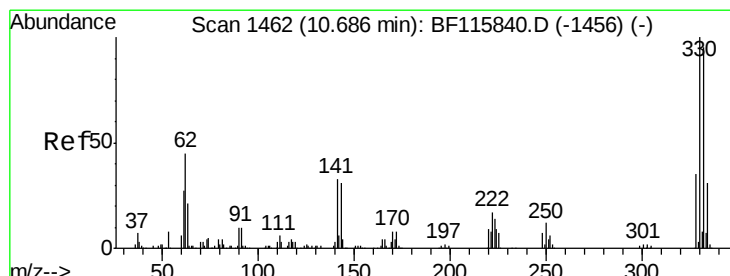
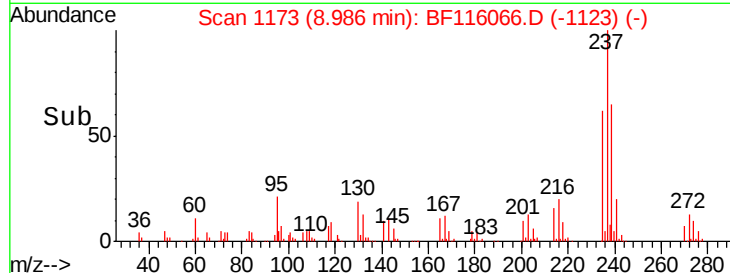
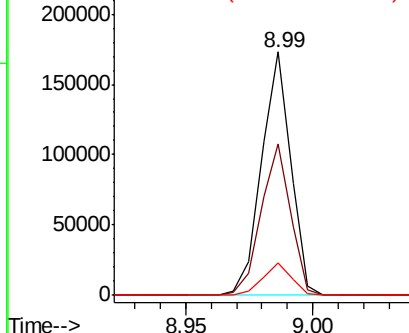
#41
Hexachlorocyclopentadiene
Concen: 40.922 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237	Resp:	139801
Ion Ratio	Lower	Upper
237	100	
235	62.4	43.4 83.4
272	13.5	0.0 33.2

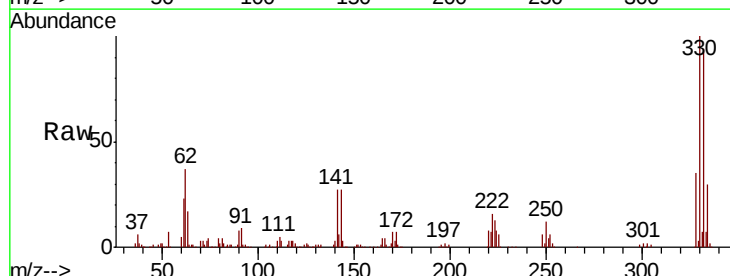


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

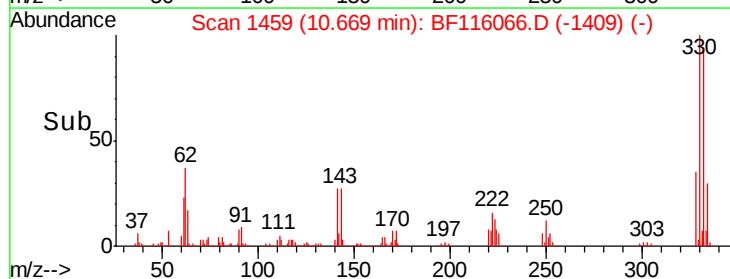
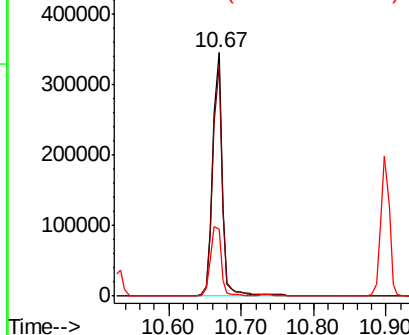


#42
2,4,6-Tribromophenol
Concen: 107.862 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:330	Resp:	322279
Ion Ratio	Lower	Upper
330	100	
332	95.2	76.8 115.2
141	32.1	26.3 39.5



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

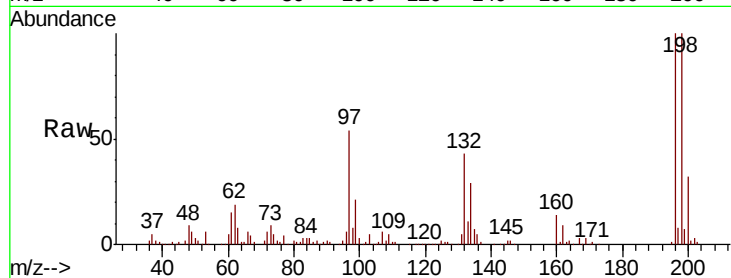




#43
 2,4,6-Trichlorophenol
 Concen: 36.895 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	79.2	118.8
200	32.1	25.2	37.8

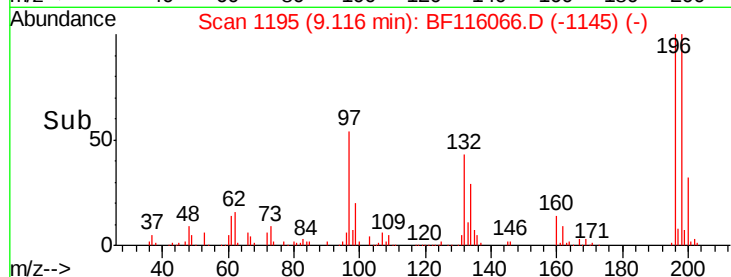
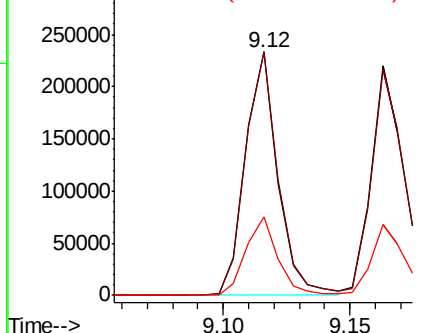


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.865 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	78.8	118.2
97	51.2	42.2	63.4
132	29.3	24.0	36.0

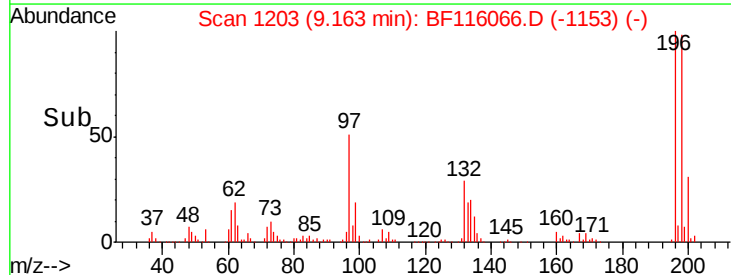
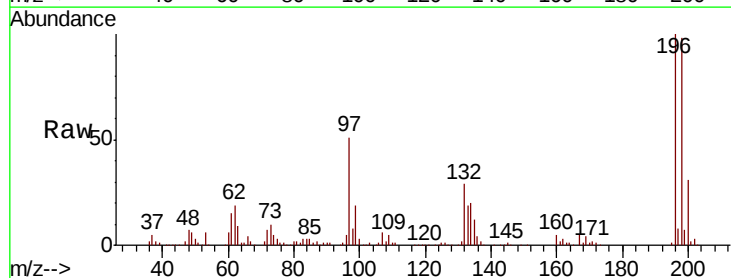
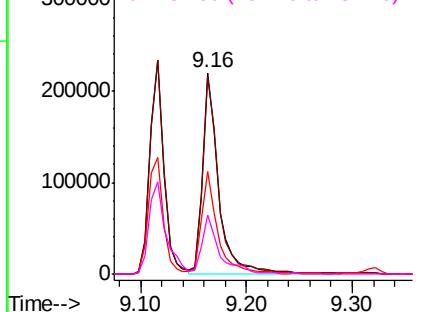
Abundance

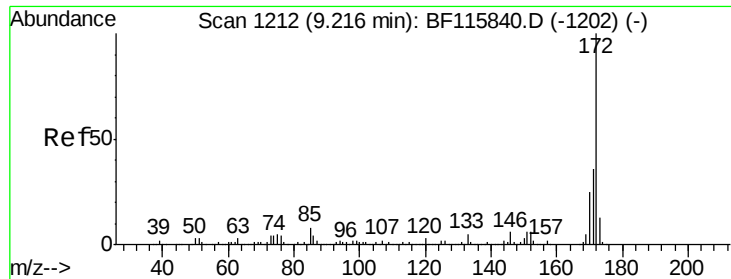
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

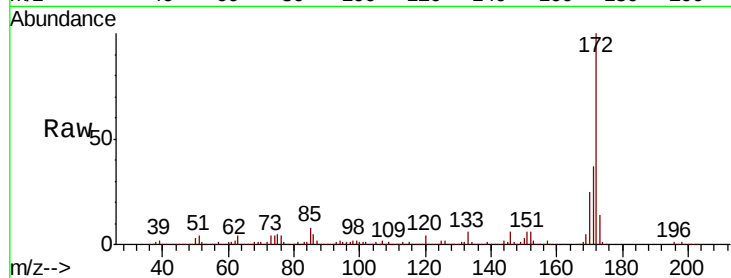




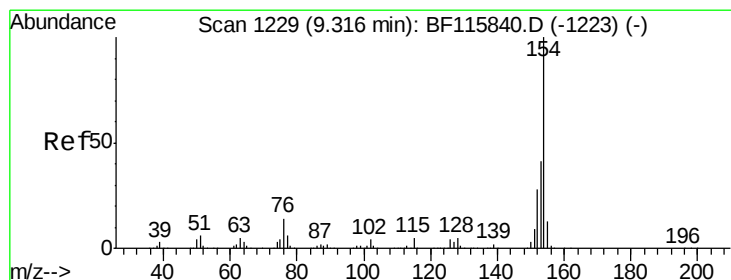
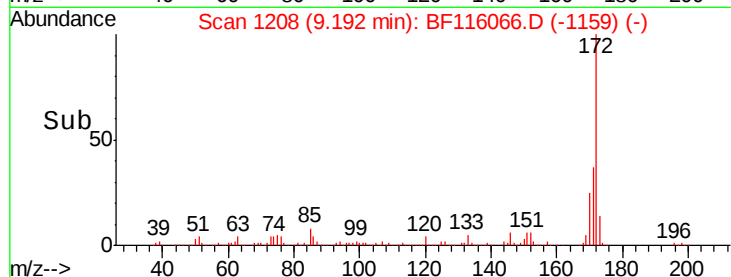
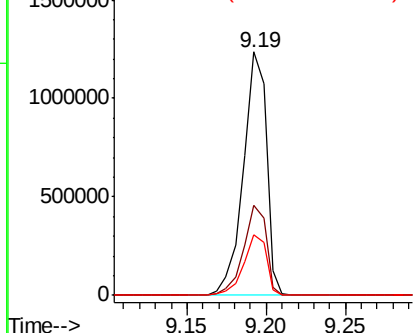
#45
2-Fluorobiphenyl
Concen: 75.859 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1248116
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.1 20.1 30.1

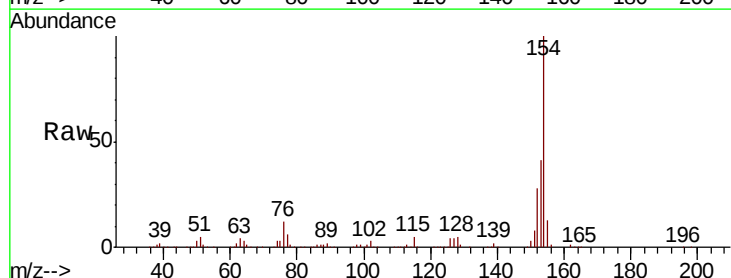


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

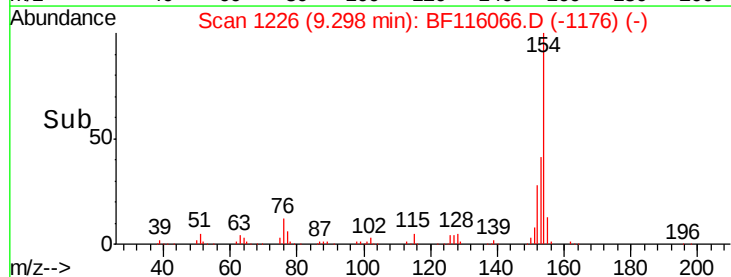
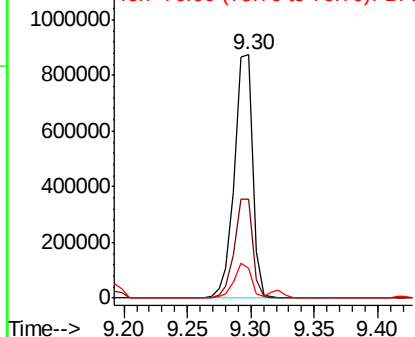


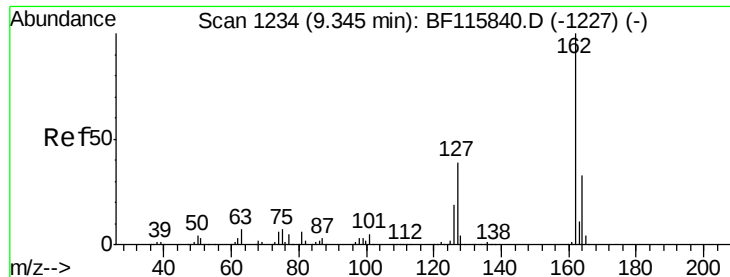
#46
1,1'-Biphenyl
Concen: 39.758 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:154 Resp: 865017
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 12.3 0.0 35.2



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

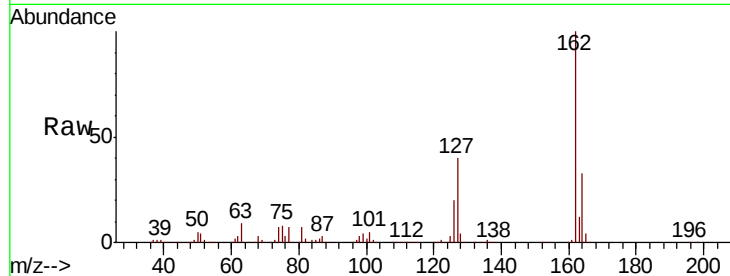




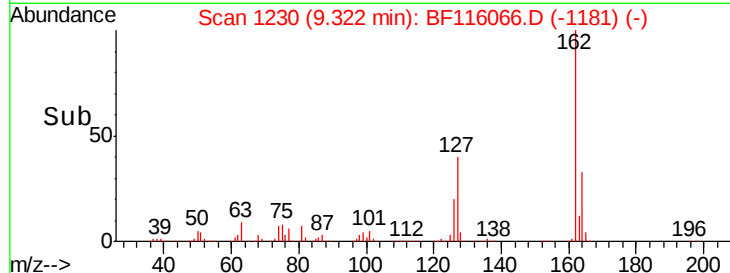
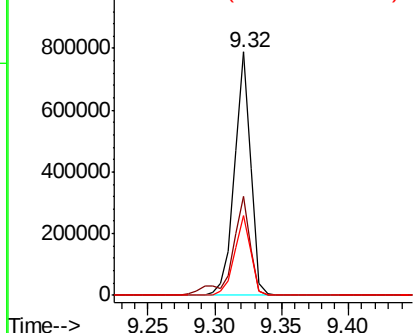
#47
2-Chloronaphthalene
Concen: 37.319 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.8	49.2
164	32.9	26.6	39.8

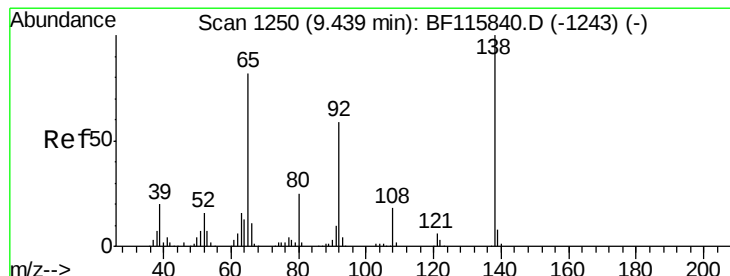


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

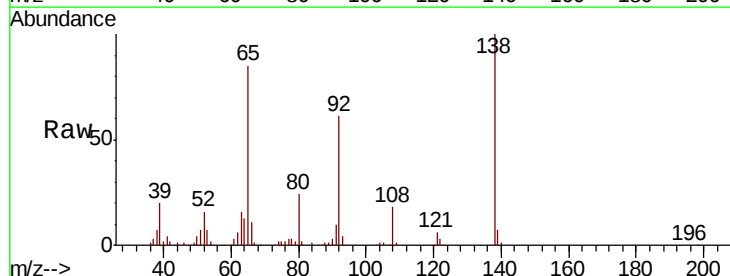
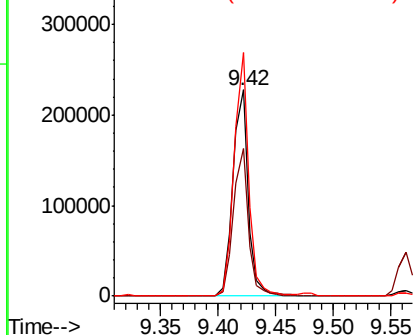


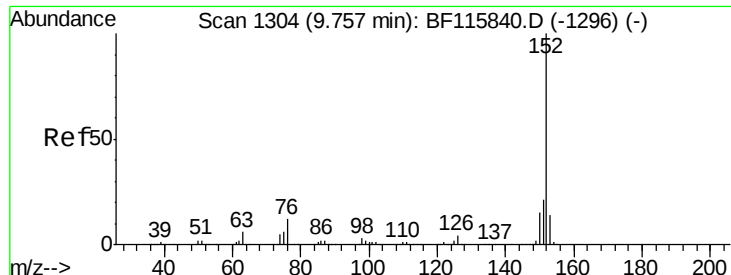
#48
2-Nitroaniline
Concen: 35.320 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.8	86.8
138	118.1	94.0	141.0



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: 39.019 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

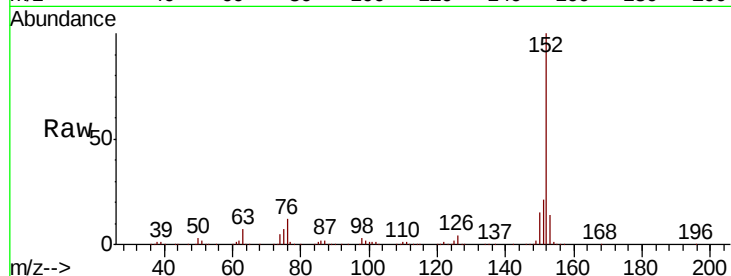
Tot Ion:152 Resp: 1030816

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

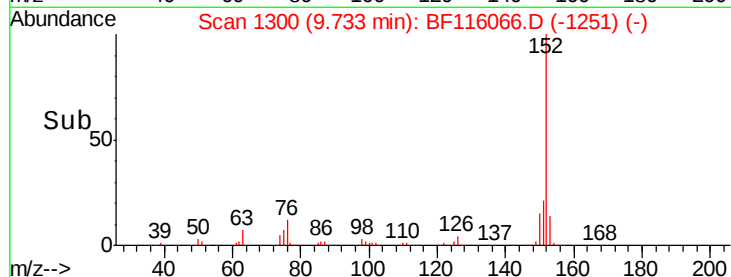
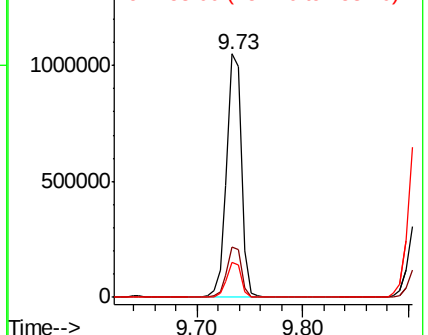
153 14.1 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.590 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

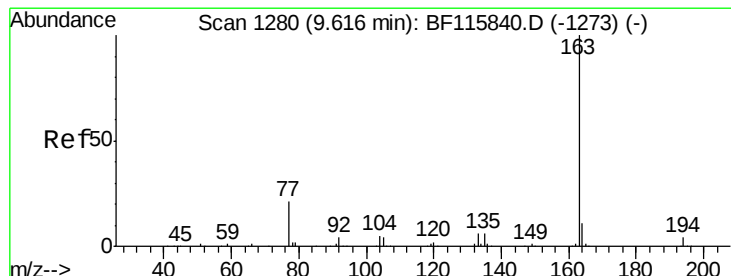
Tgt Ion:163 Resp: 809755

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

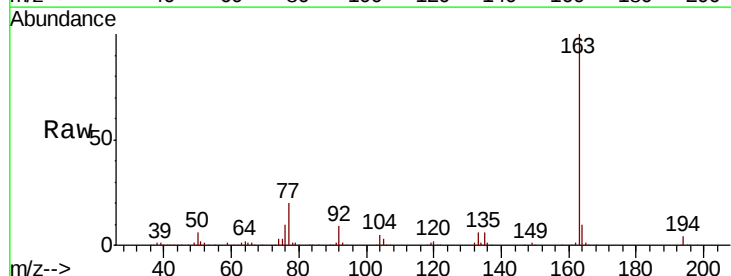
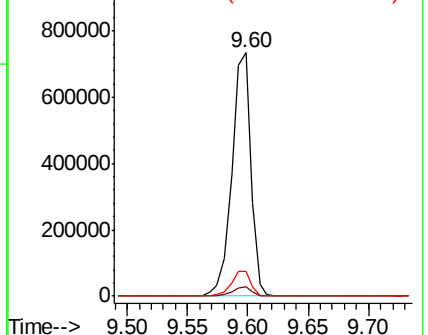
164 10.0 8.4 12.6

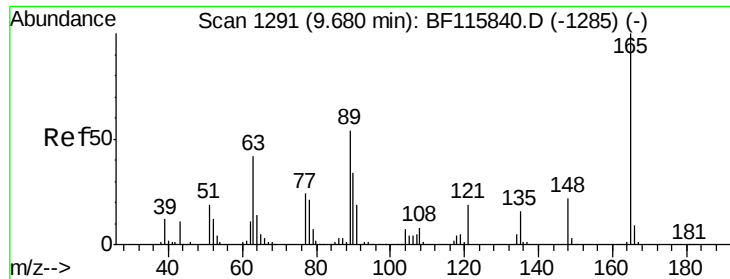


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.847 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

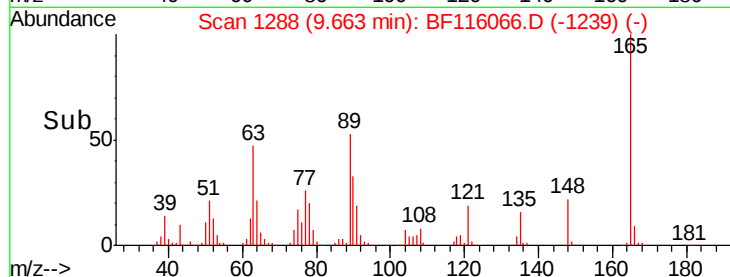
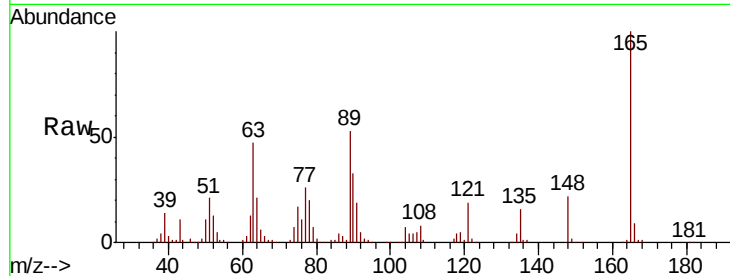
Tot Ion:165 Resp: 177144

Ion Ratio Lower Upper

165 100

63 47.0 38.2 57.2

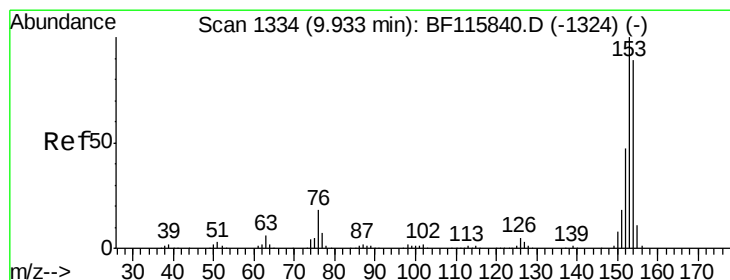
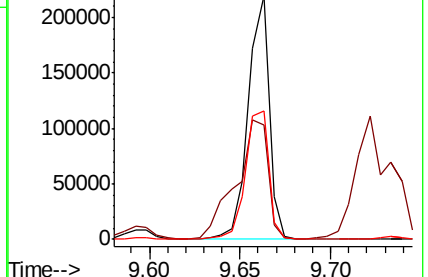
89 52.8 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.124 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

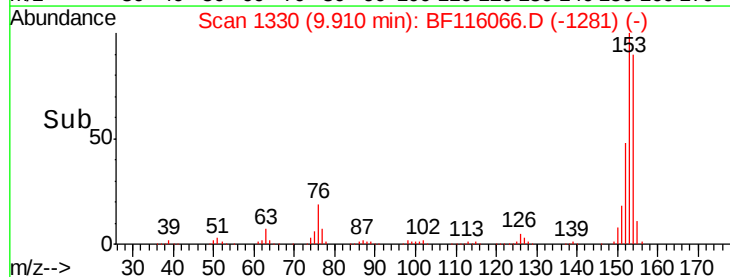
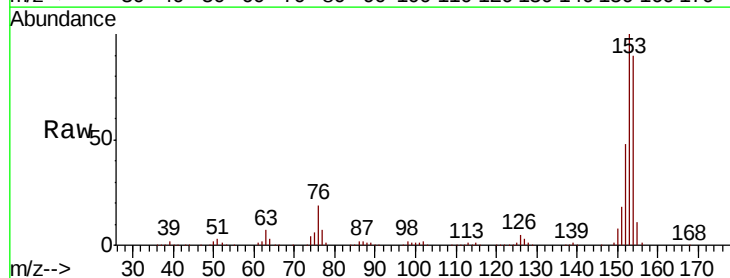
Tgt Ion:154 Resp: 617894

Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.0

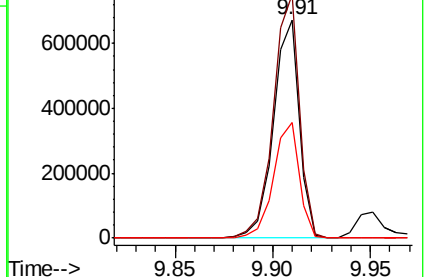
152 52.9 42.3 63.5

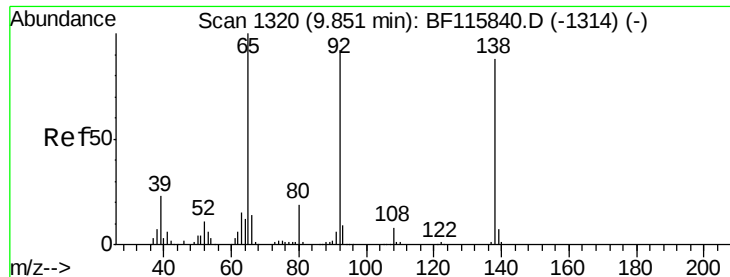


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

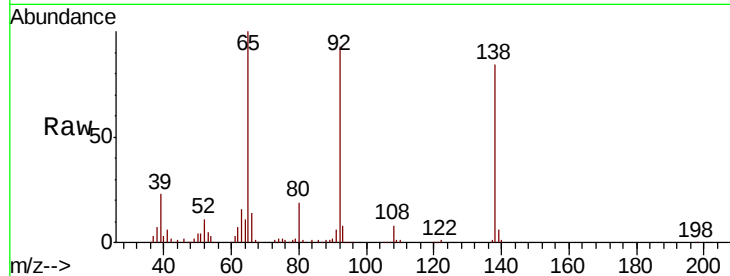




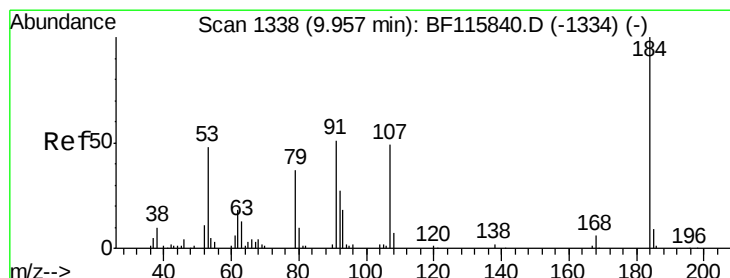
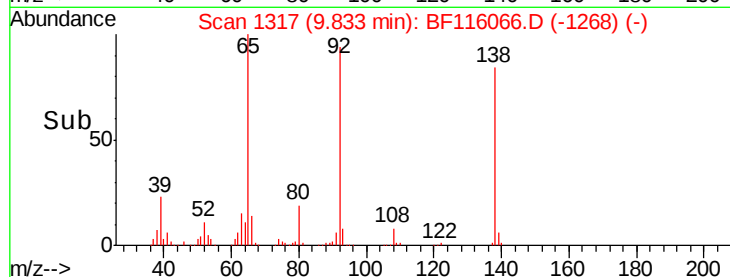
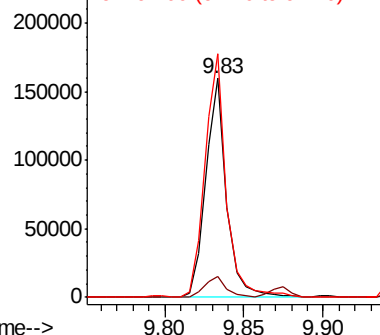
#53
3-Nitroaniline
Concen: 25.696 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 144787
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 111.2 91.0 136.6

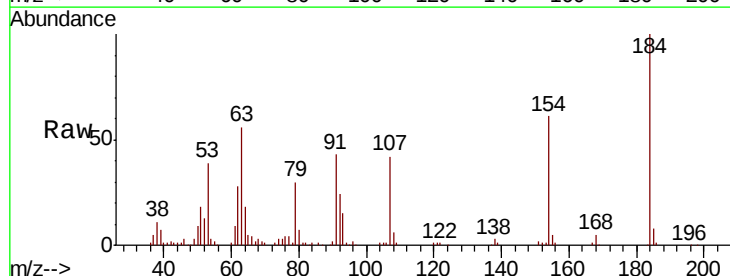


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

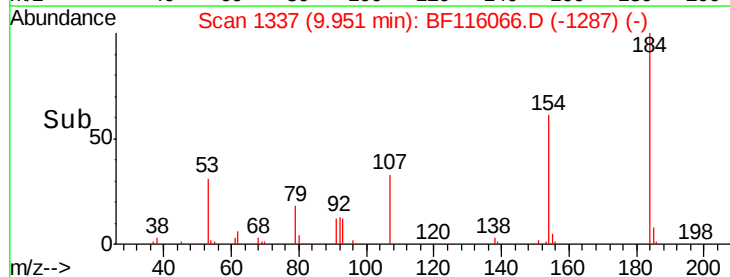
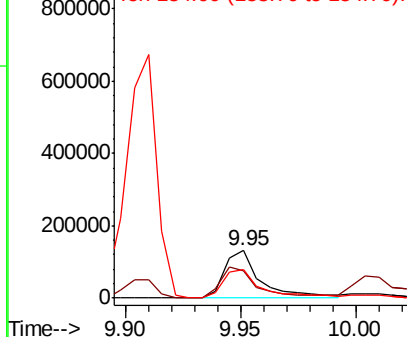


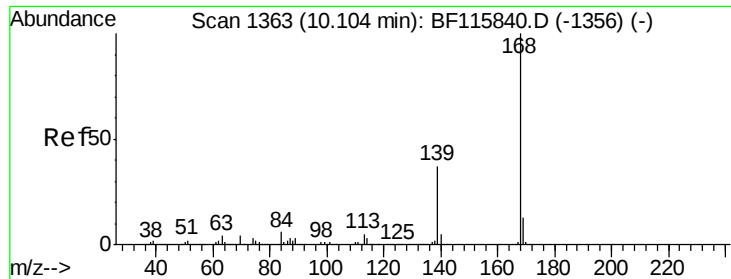
#54
2,4-Dinitrophenol
Concen: 64.632 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:184 Resp: 146046
Ion Ratio Lower Upper
184 100
63 56.5 53.0 79.4
154 60.8 50.1 75.1



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





#55

Dibenzofuran

Concen: 38.382 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

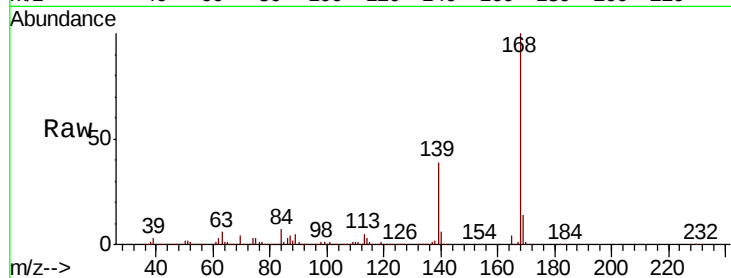
Tot Ion:168 Resp: 904643

Ion Ratio Lower Upper

168 100

139 39.0 31.4 47.2

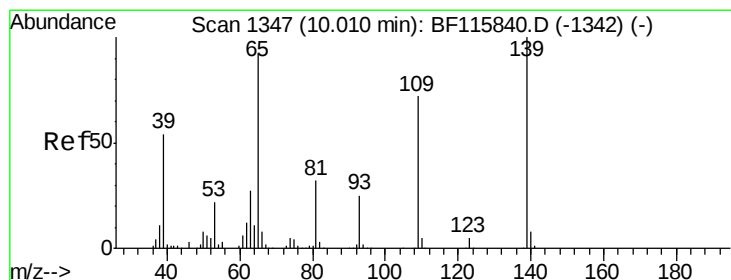
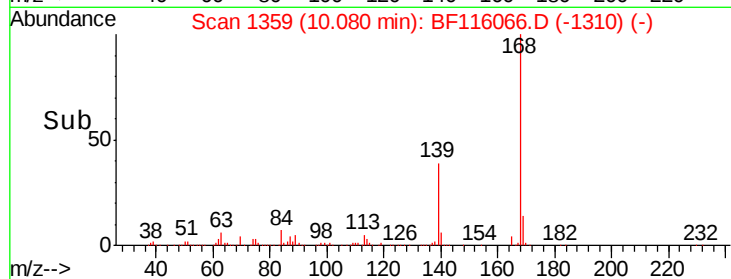
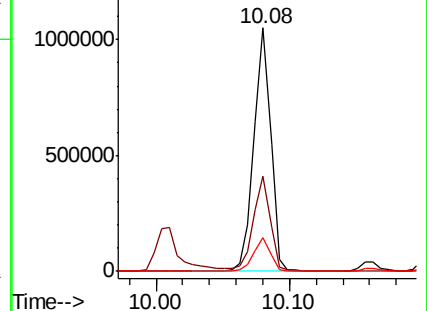
169 13.6 10.9 16.3



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: 64.883 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

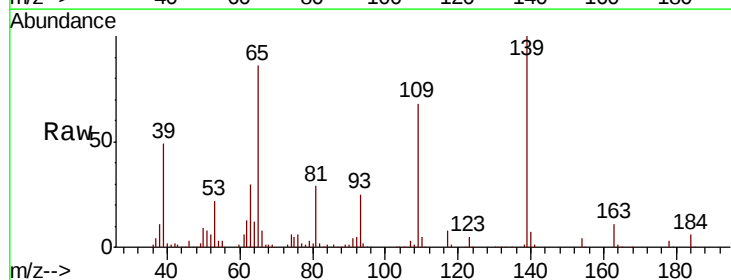
Tgt Ion:139 Resp: 234195

Ion Ratio Lower Upper

139 100

109 68.2 54.4 94.4

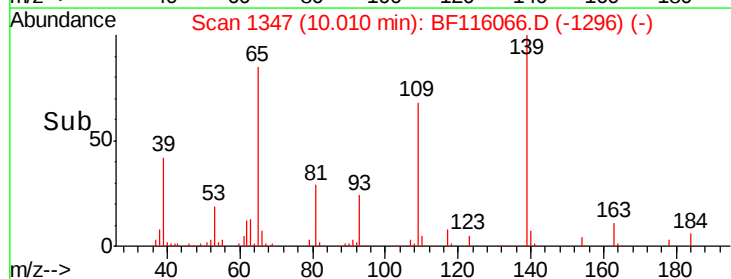
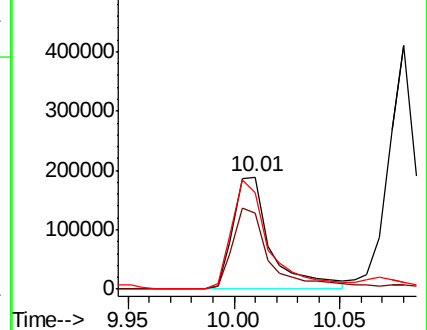
65 85.7 80.6 120.6

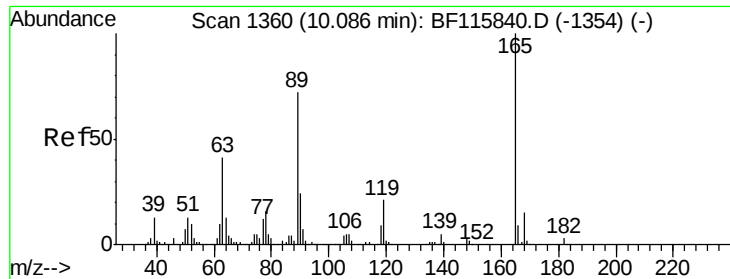


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.791 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 229441

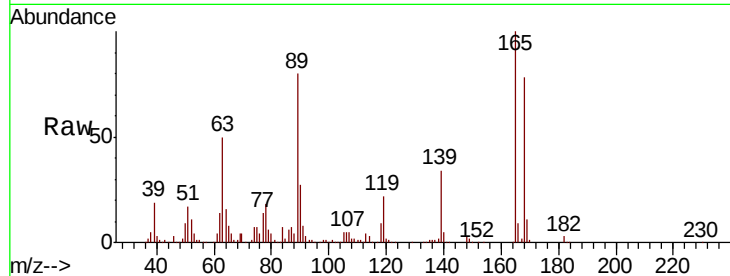
Ion Ratio Lower Upper

165 100

63 50.1 39.6 59.4

89 79.9 62.2 93.2

182 2.8 2.1 3.1

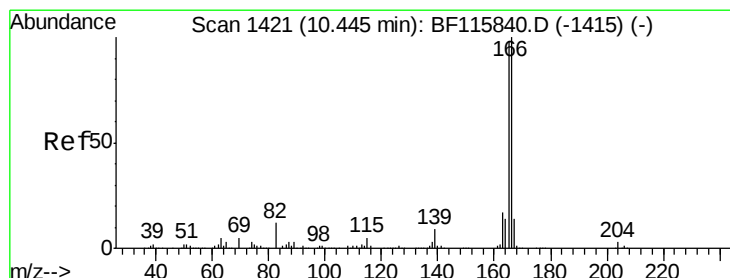
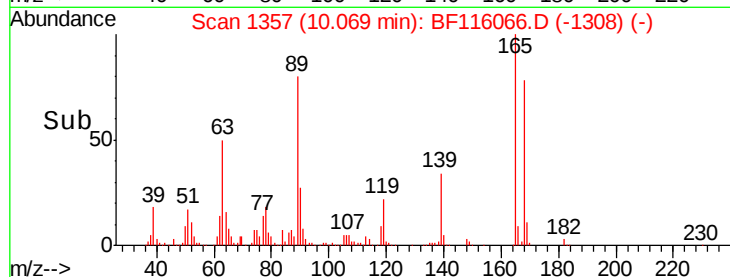
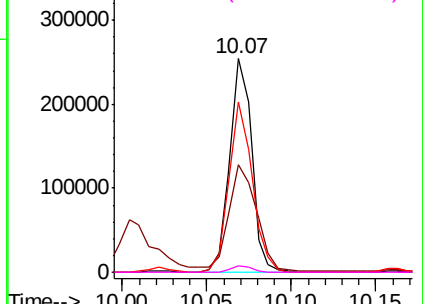


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.212 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

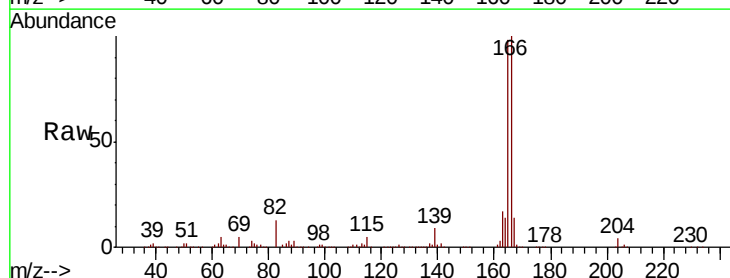
Tgt Ion:166 Resp: 711076

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

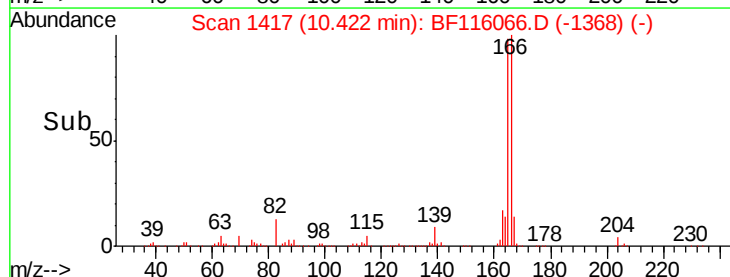
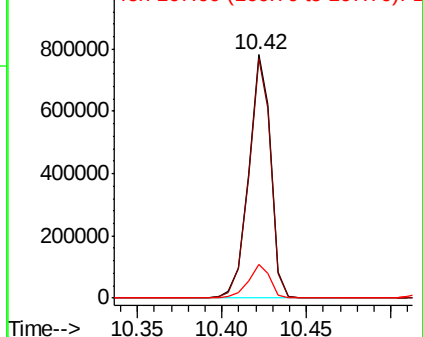
167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

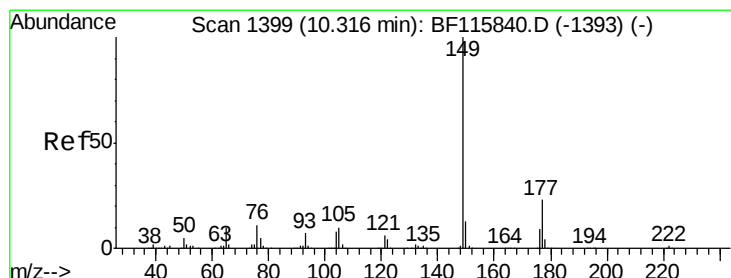
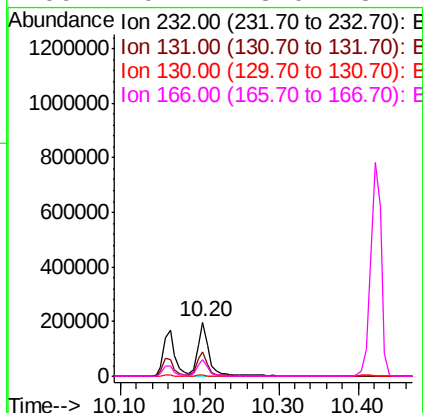
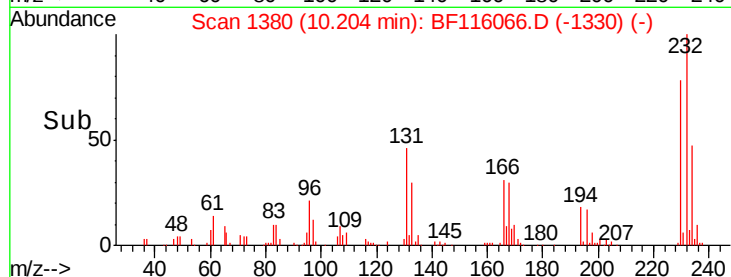
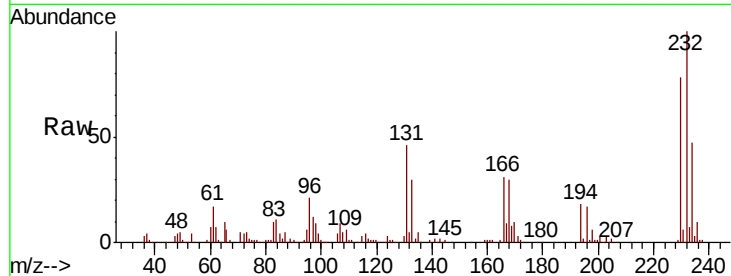




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.002 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

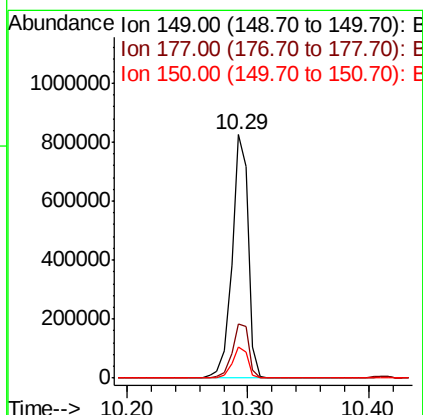
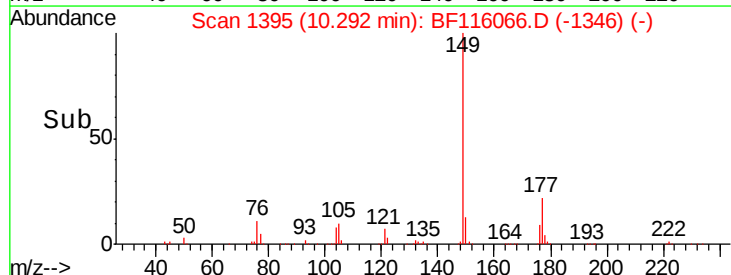
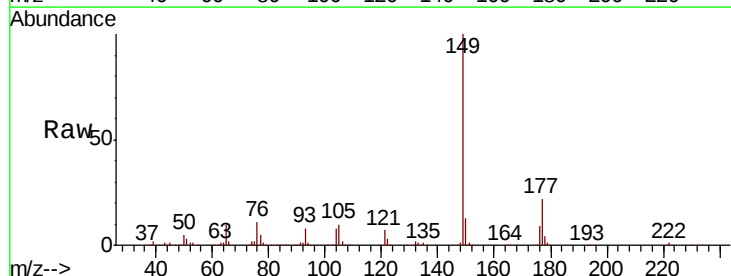
Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 197282
Ion Ratio Lower Upper
232 100
131 44.5 36.2 54.2
130 2.4 1.9 2.9
166 29.2 23.0 34.4



#60
Diethylphthalate
Concen: 39.122 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:149 Resp: 766420
Ion Ratio Lower Upper
149 100
177 22.4 18.8 28.2
150 12.7 10.2 15.4

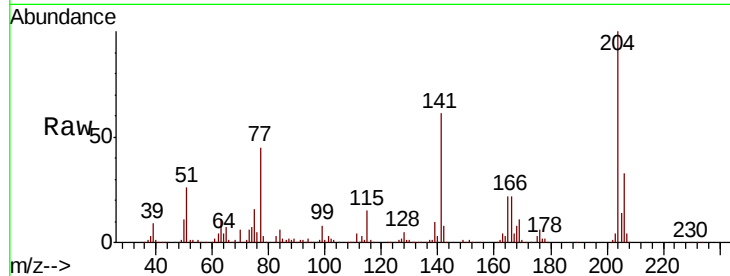




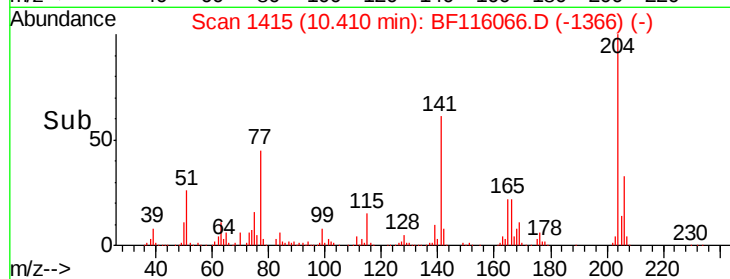
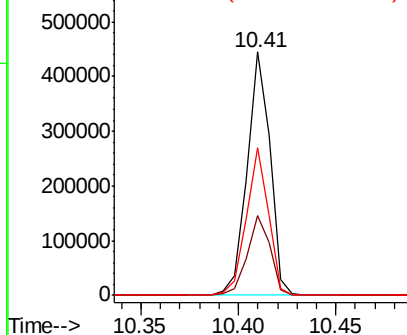
#61
4-Chlorophenyl-phenylether
Concen: 39.352 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 361409
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 60.6 46.4 69.6

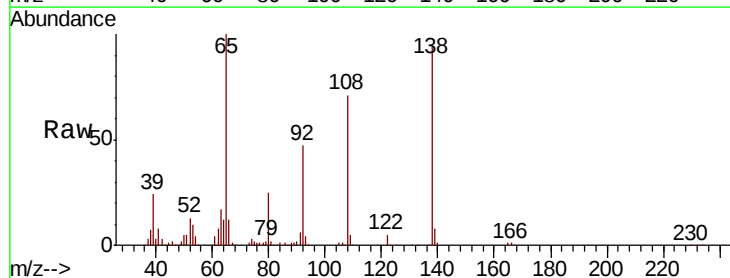


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

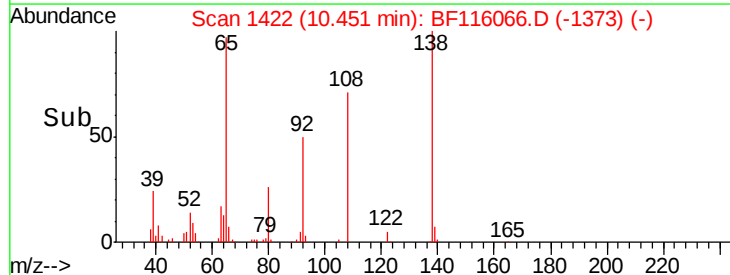
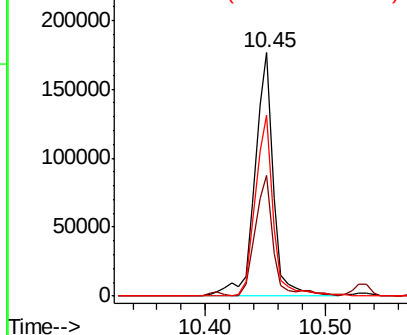


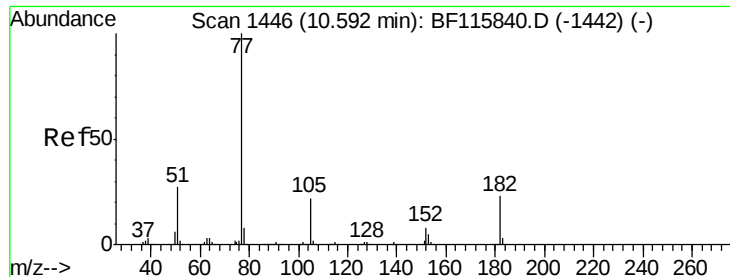
#62
4-Nitroaniline
Concen: 32.541 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:138 Resp: 189488
Ion Ratio Lower Upper
138 100
92 49.7 29.0 69.0
108 74.2 54.7 94.7



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





#63

Azobenzene

Concen: 38.909 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 784030

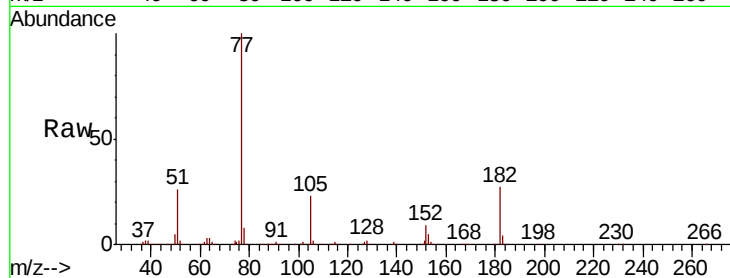
Ion Ratio Lower Upper

77 100

182 27.2 4.0 44.0

105 23.1 2.0 42.0

51 25.8 7.5 47.5

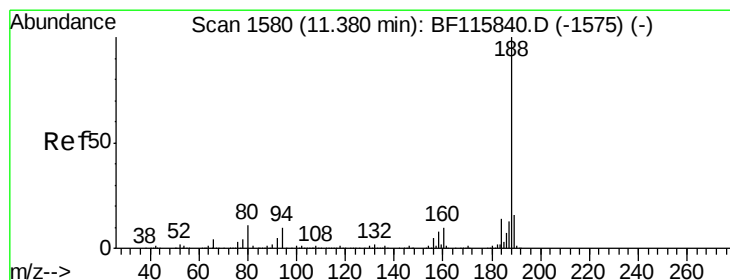
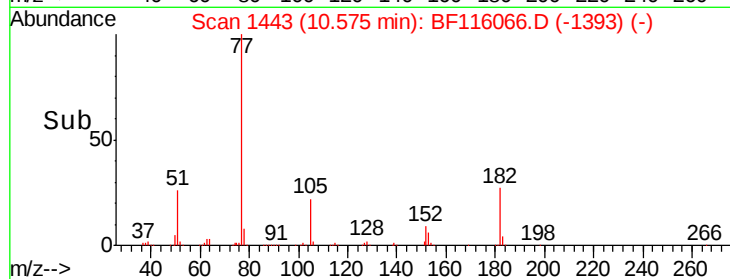
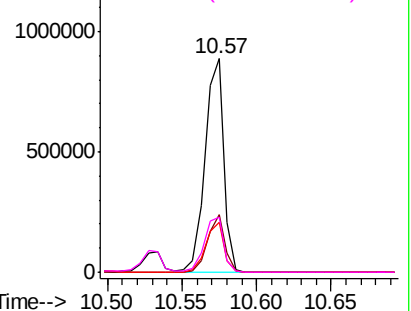


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

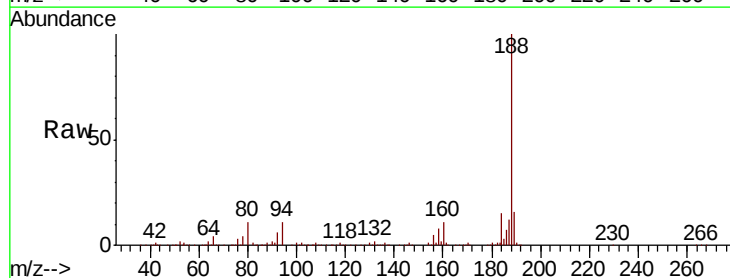
Tgt Ion: 188 Resp: 532555

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

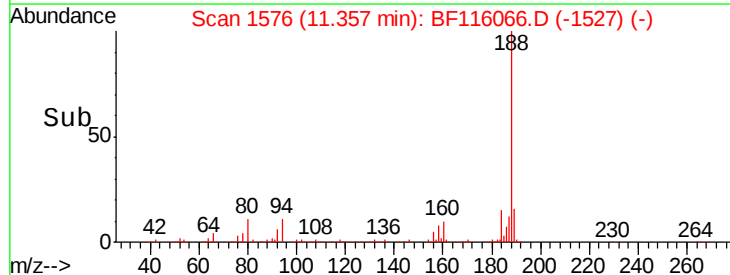
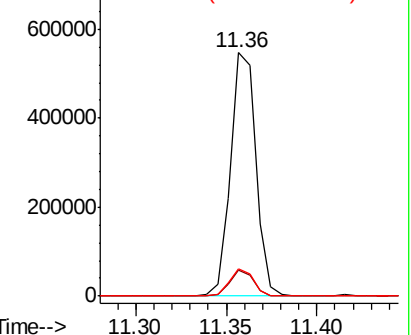
80 11.4 8.7 13.1

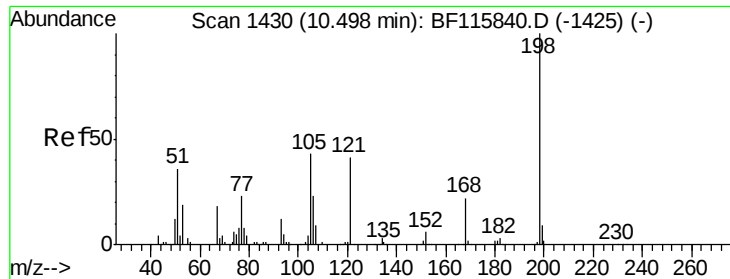


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.285 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

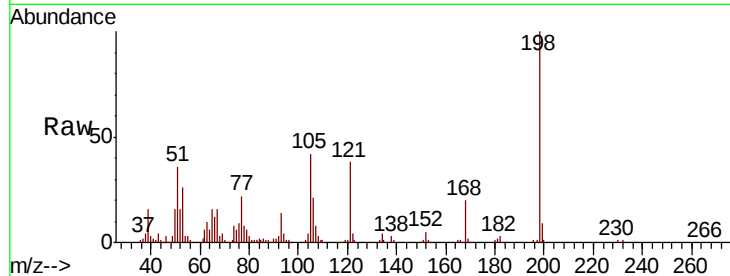
Tot Ion:198 Resp: 113693

Ion Ratio Lower Upper

198 100

51 36.4 17.0 57.0

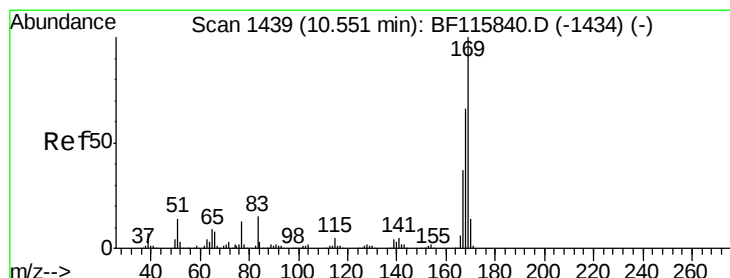
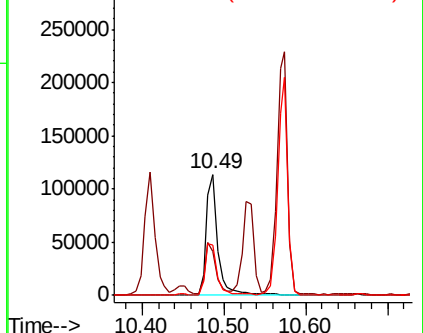
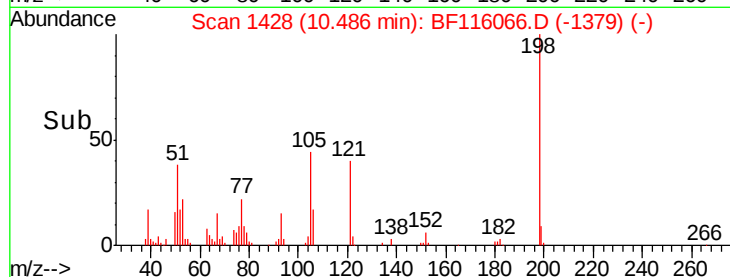
105 41.6 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.232 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

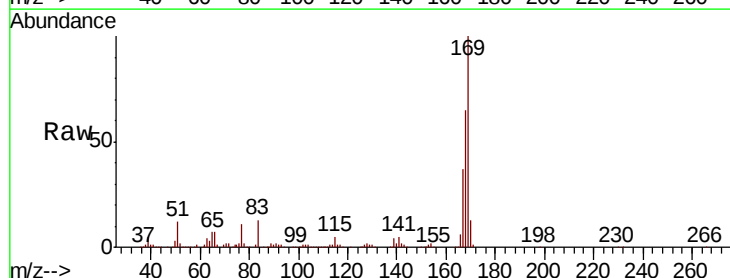
Tgt Ion:169 Resp: 644896

Ion Ratio Lower Upper

169 100

168 65.2 53.8 80.6

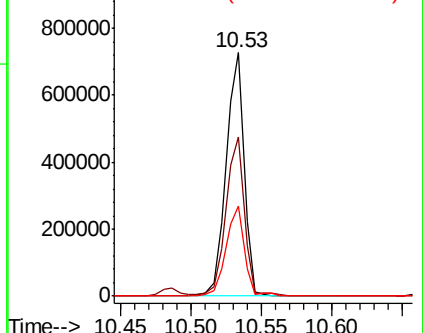
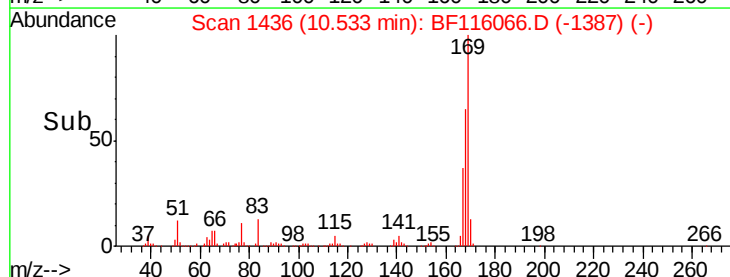
167 36.7 29.6 44.4

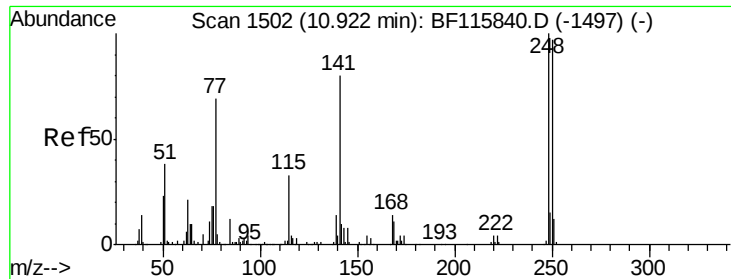


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

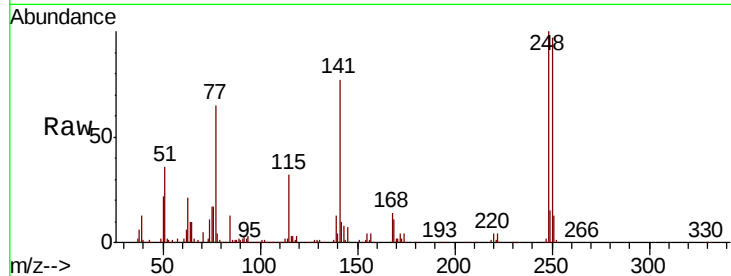




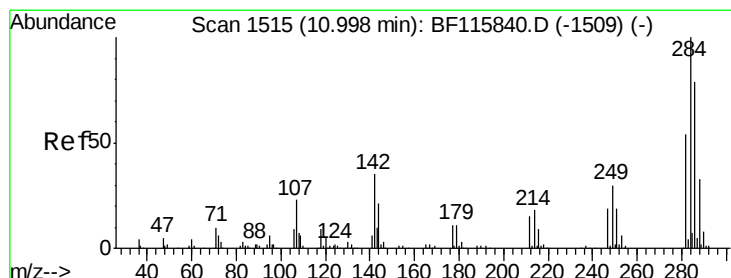
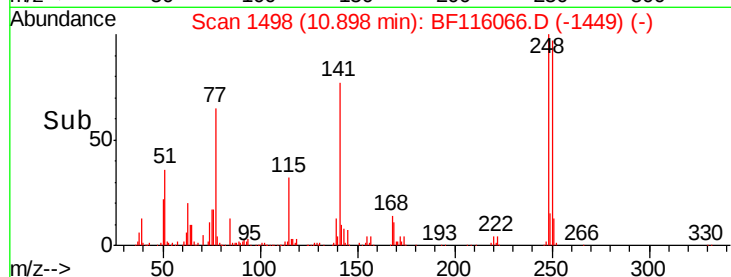
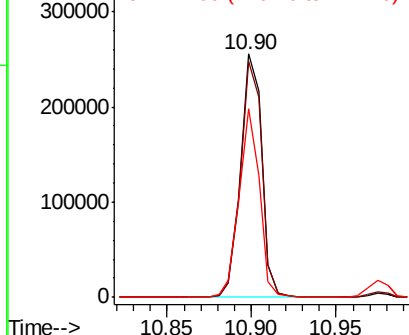
#67
4-Bromophenyl-phenylether
Concen: 39.303 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.2
141	77.2	56.8	85.2

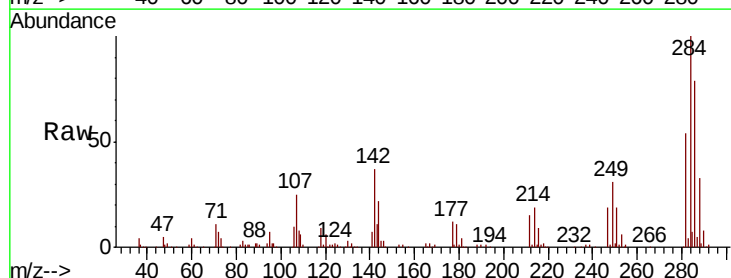


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

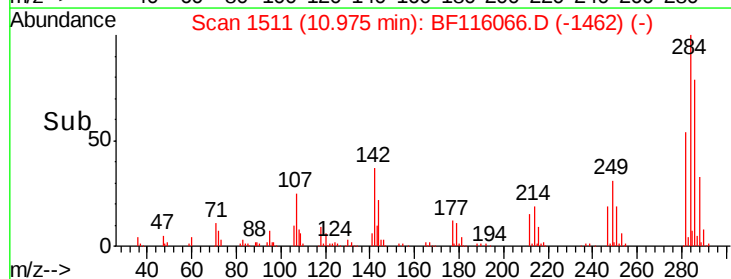
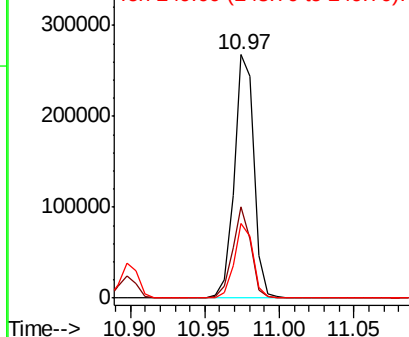


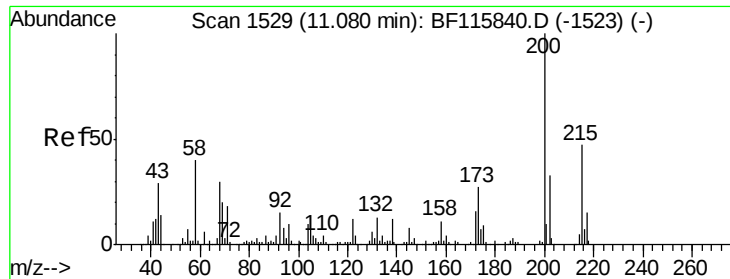
#68
Hexachlorobenzene
Concen: 37.767 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.4	42.6
249	30.9	24.5	36.7



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





#69

Atrazine

Concen: 37.300 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

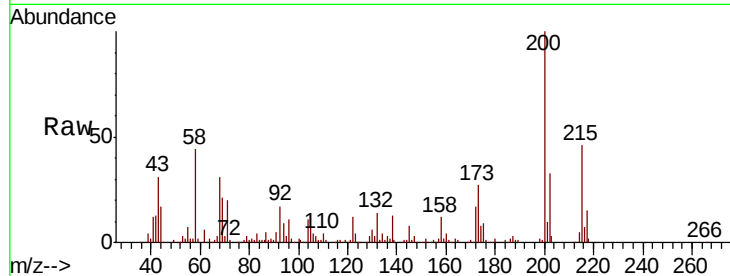
Tot Ion:200 Resp: 196694

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

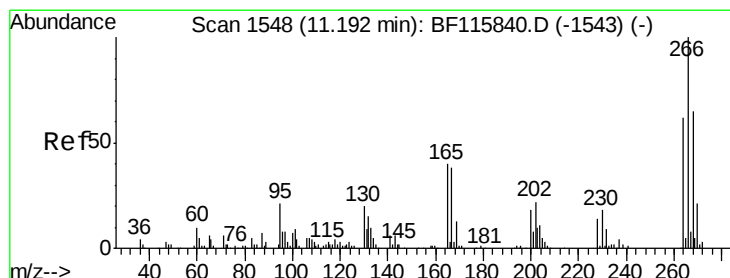
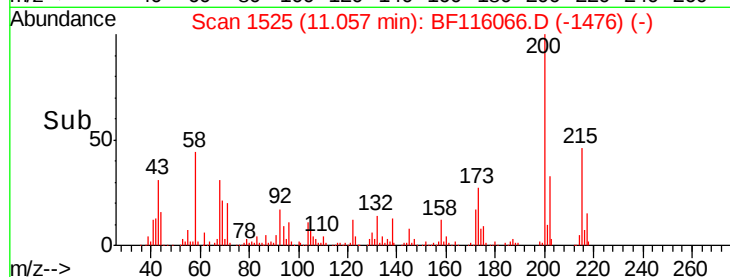
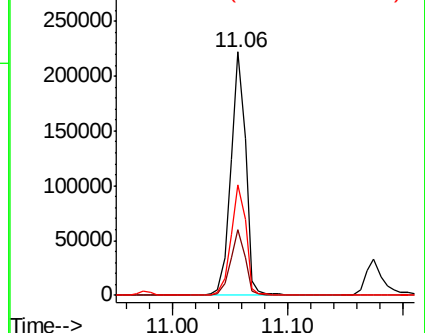
215 45.6 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.999 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

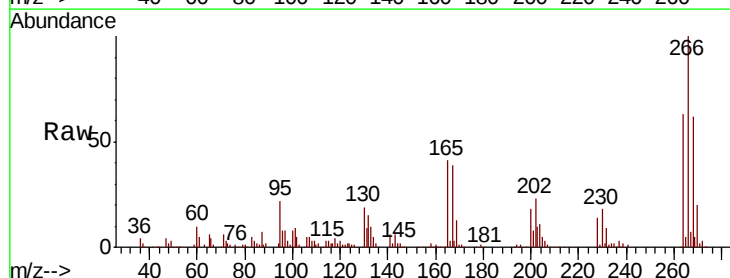
Tgt Ion:266 Resp: 224033

Ion Ratio Lower Upper

266 100

268 62.3 48.8 73.2

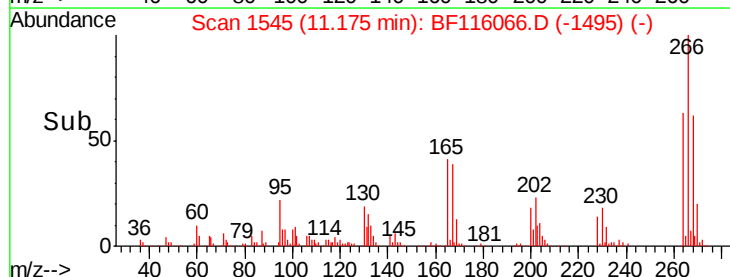
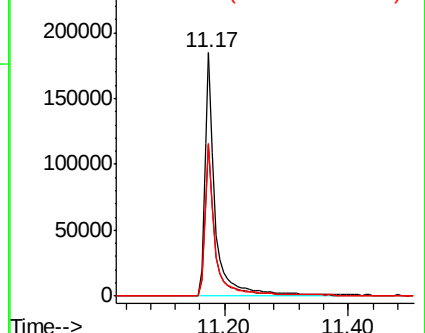
264 62.5 50.6 76.0

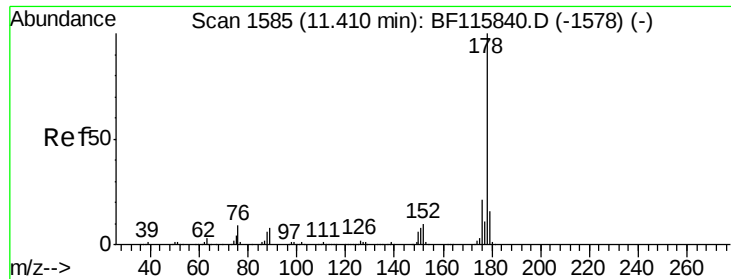


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

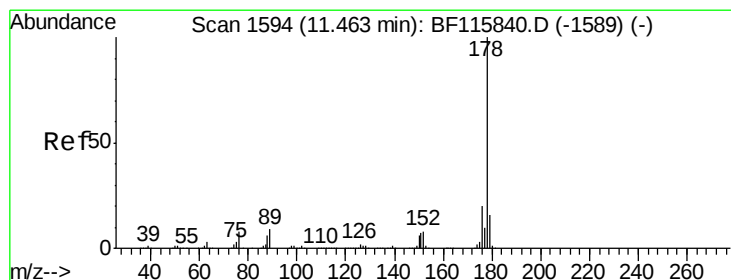
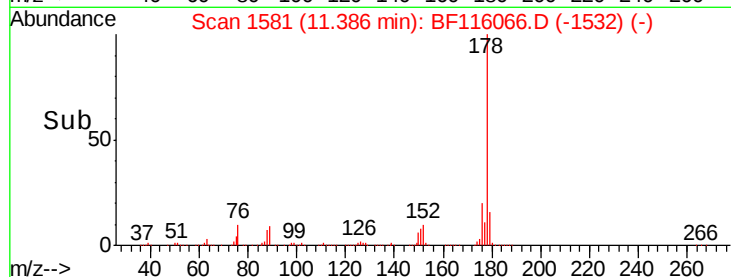
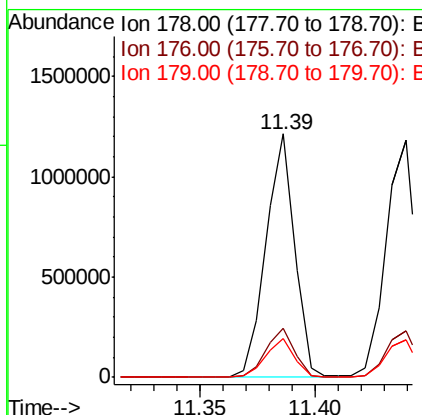
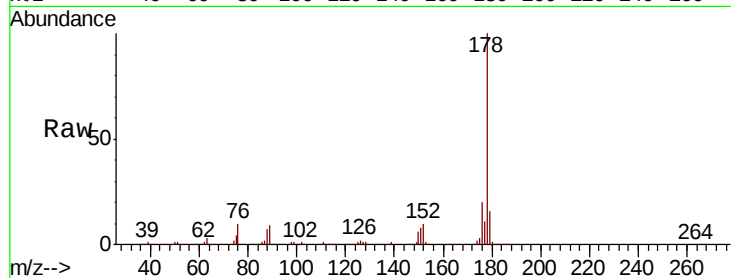




#71
Phenanthrene
Concen: 38.774 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

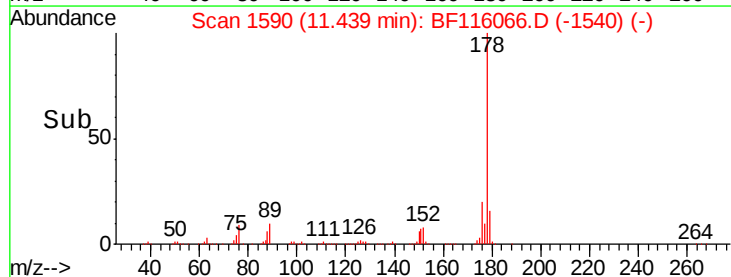
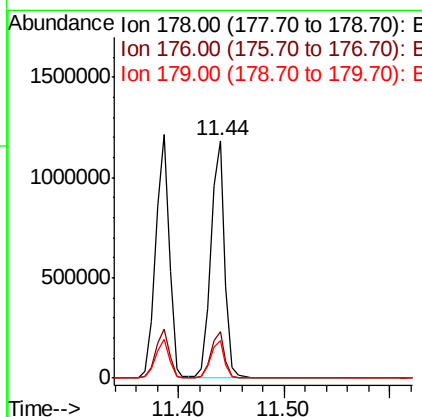
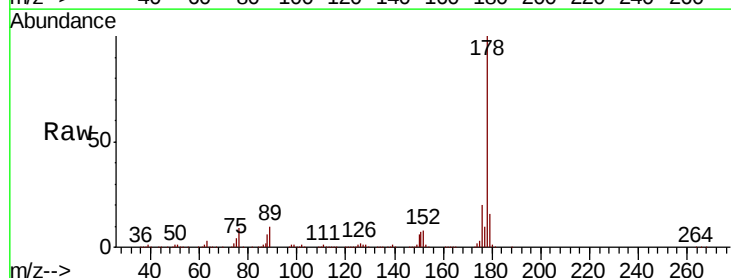
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1055646
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 15.8 12.5 18.7



#72
Anthracene
Concen: 39.682 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:178 Resp: 1093377
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 13.0 19.6

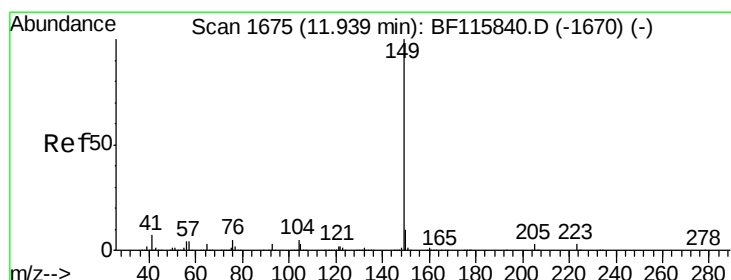
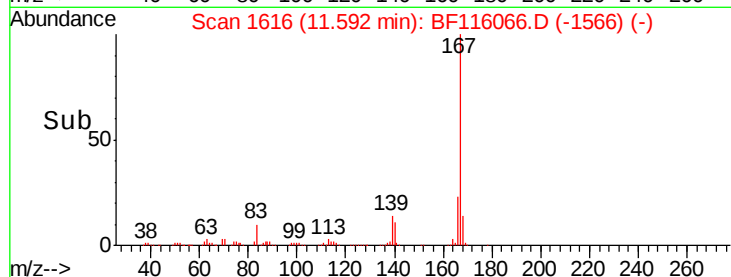
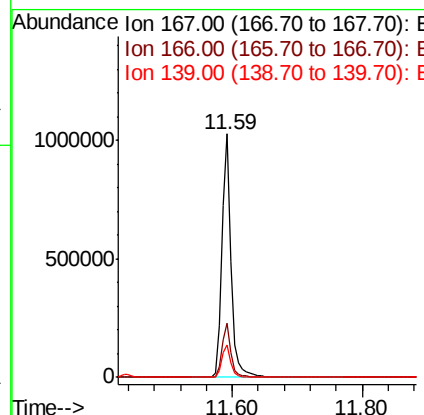
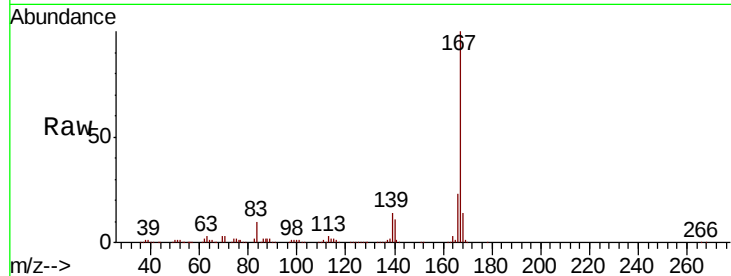




#73
 Carbazole
 Concen: 39.502 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

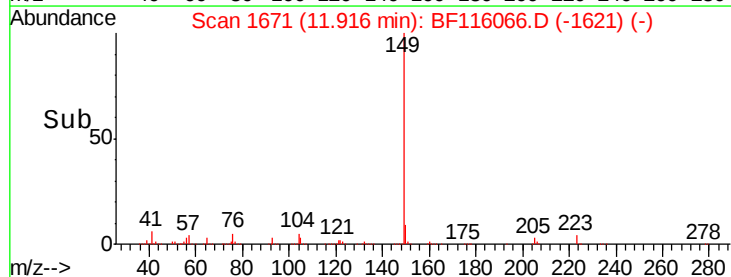
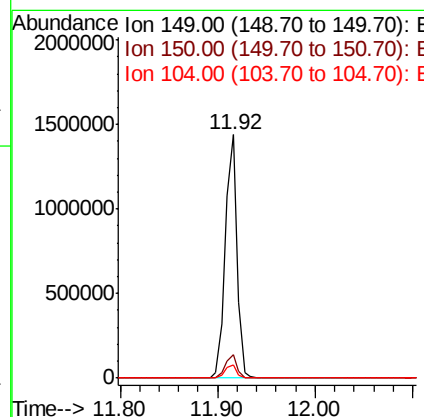
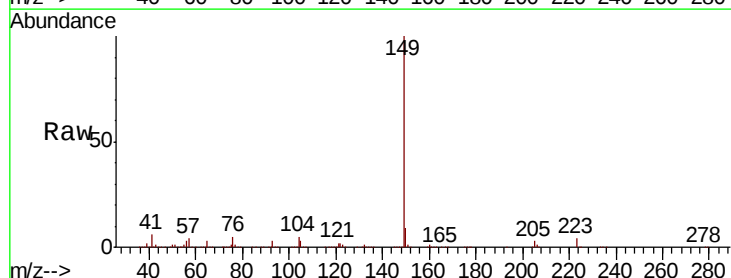
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 987452
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.5 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 40.912 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:149 Resp: 1193036
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.0 12.0
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 38.828 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

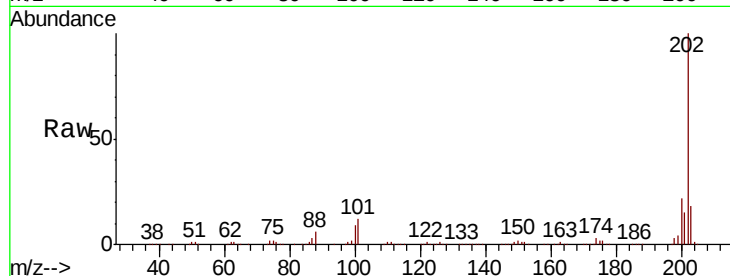
Tot Ion:202 Resp: 1106691

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.2

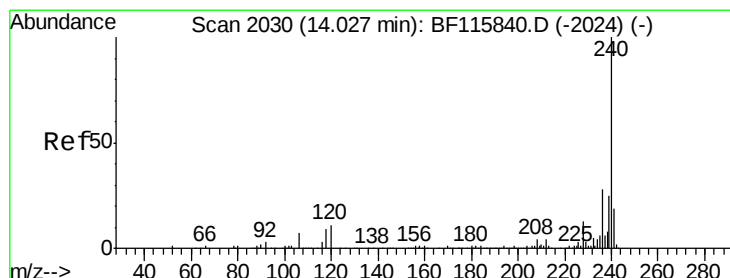
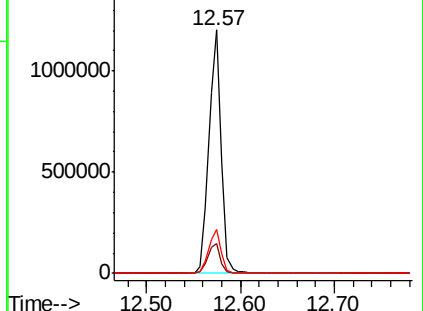
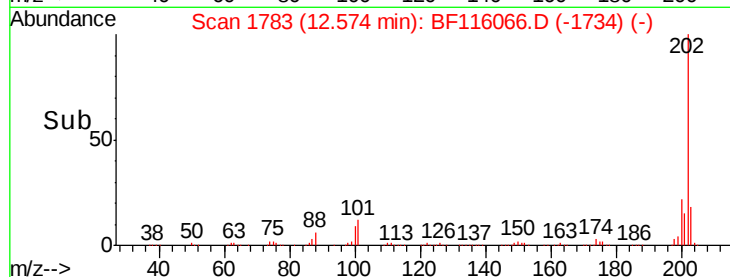
203 18.2 0.0 37.8



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

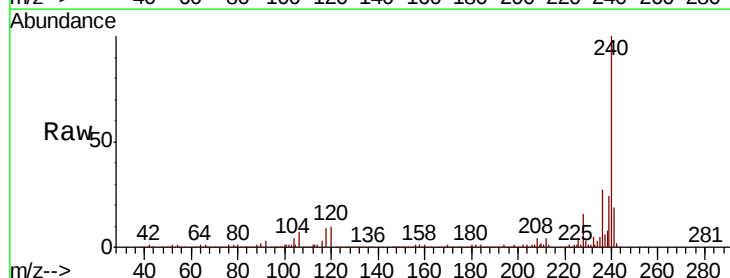
Tgt Ion:240 Resp: 378055

Ion Ratio Lower Upper

240 100

120 10.2 10.7 16.1#

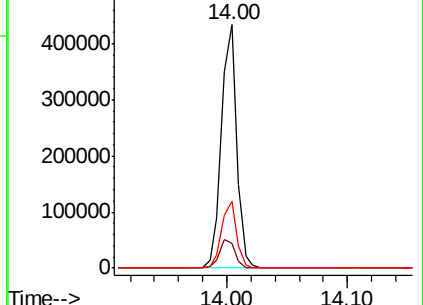
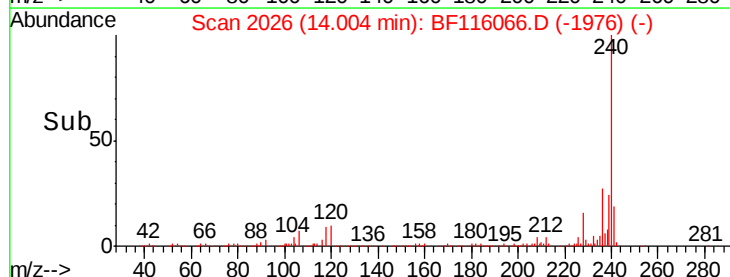
236 27.3 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.087 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

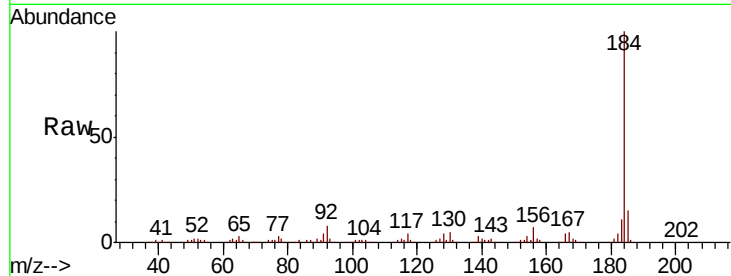
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 307640

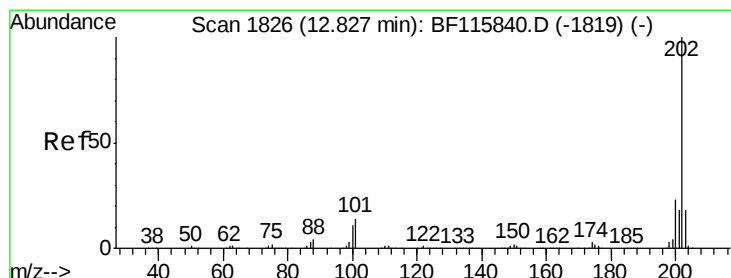
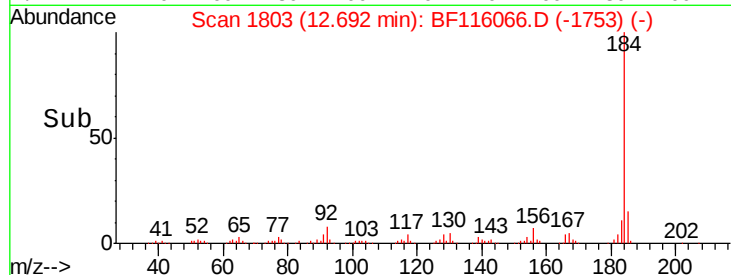
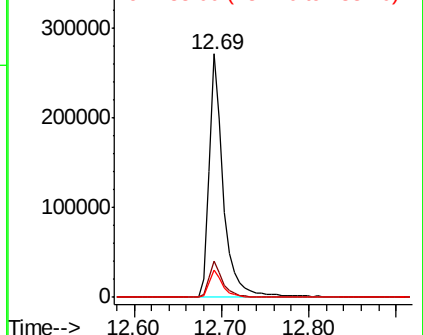
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.8	19.2
183	11.5	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.772 ng

RT: 12.80 min Scan# 1822

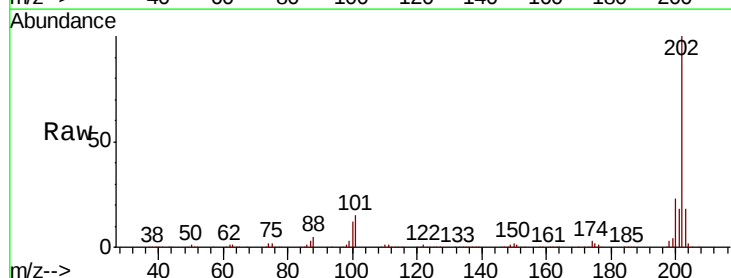
Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Tgt Ion:202 Resp: 1133424

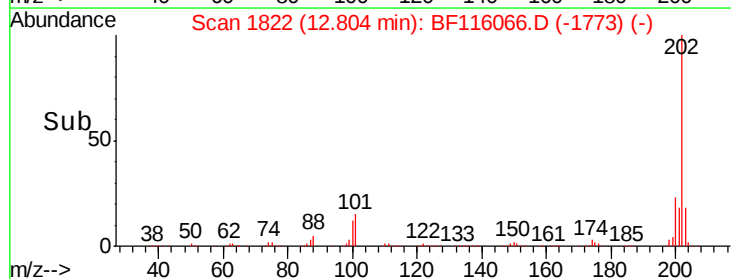
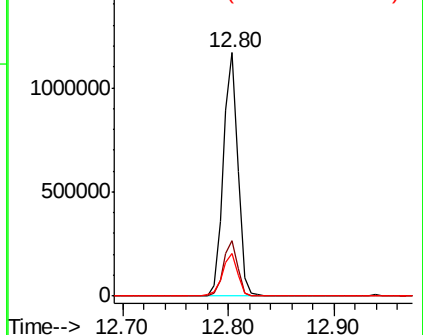
Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	17.7	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.510 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

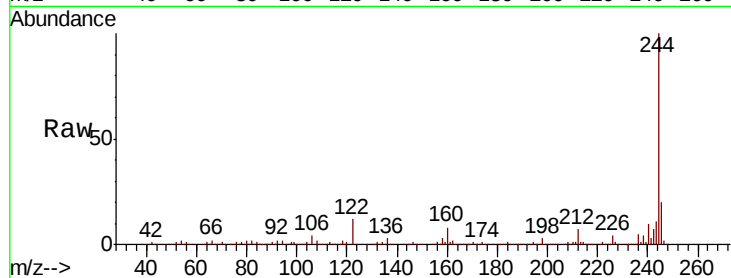
Tot Ion:244 Resp: 1426514

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

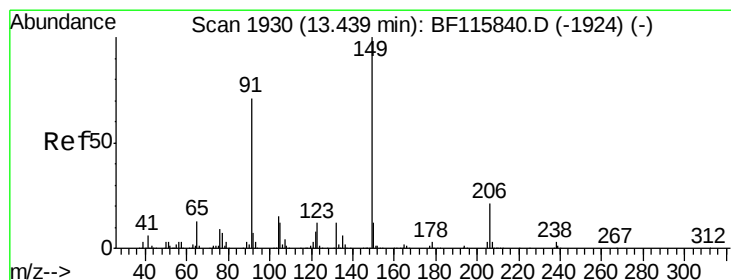
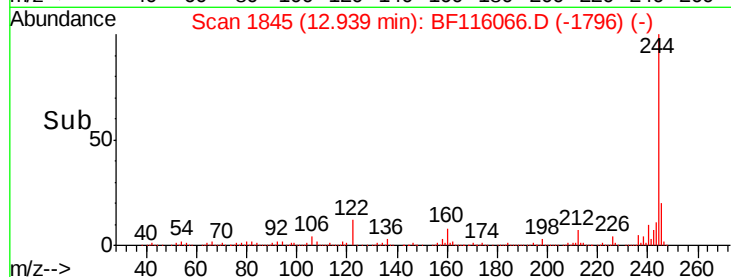
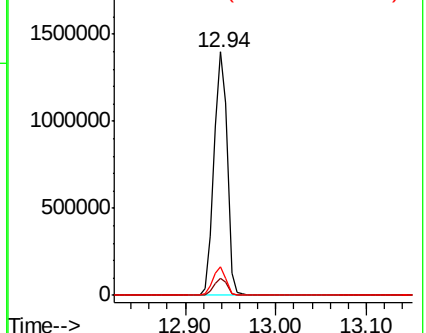
122 11.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.928 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

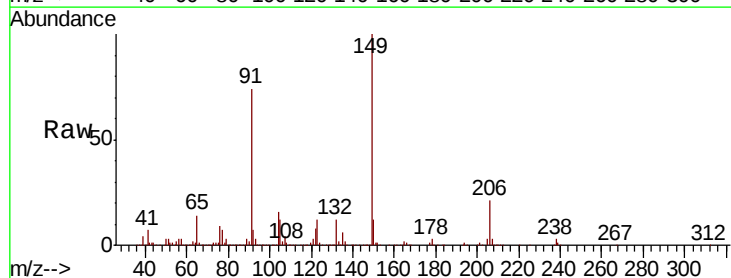
Tgt Ion:149 Resp: 505434

Ion Ratio Lower Upper

149 100

91 73.5 56.3 84.5

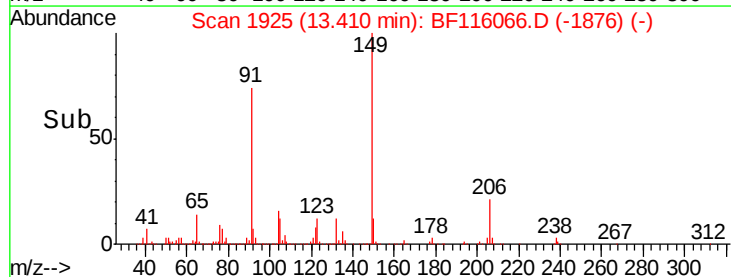
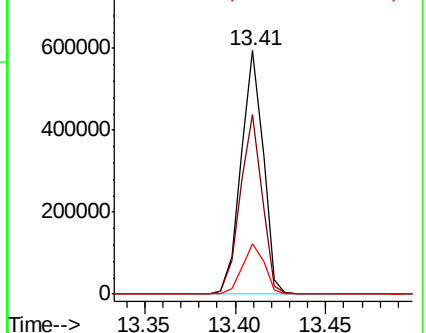
206 20.8 18.0 27.0

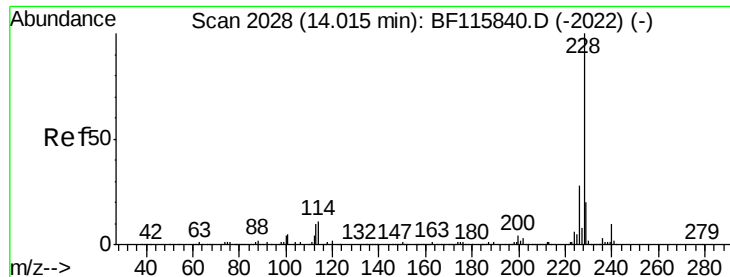


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.283 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampleId :

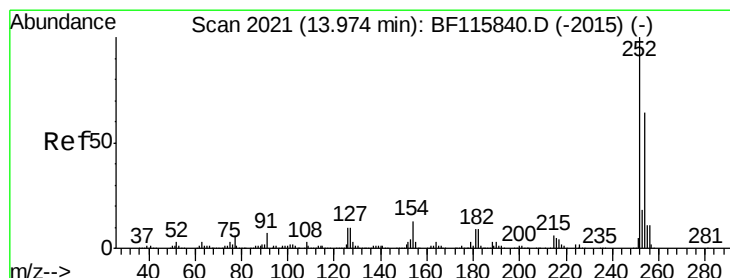
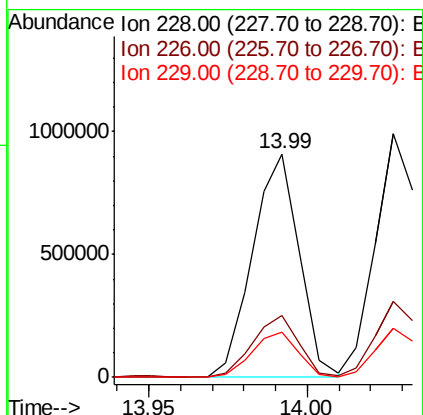
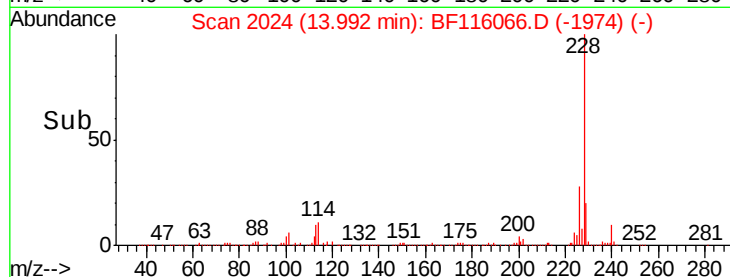
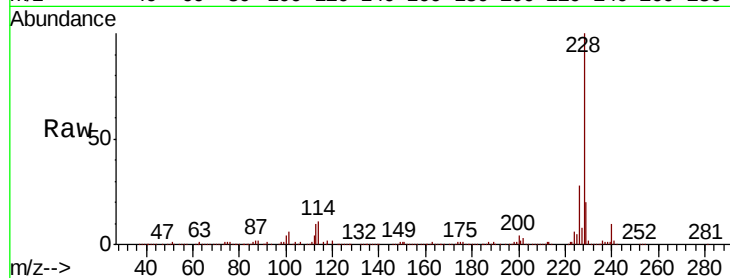
Tot Ion:228 Resp: 925061

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 20.0 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 35.047 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

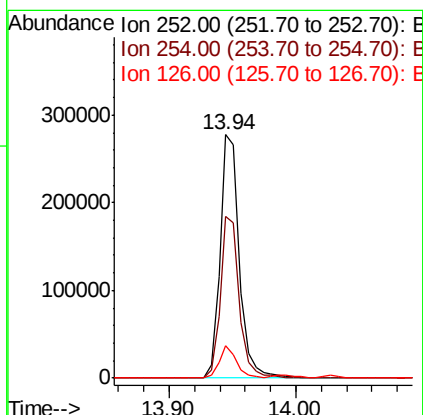
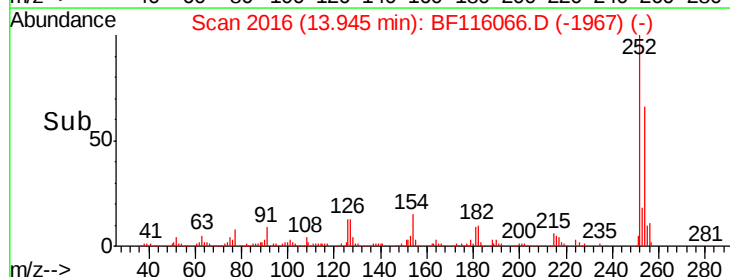
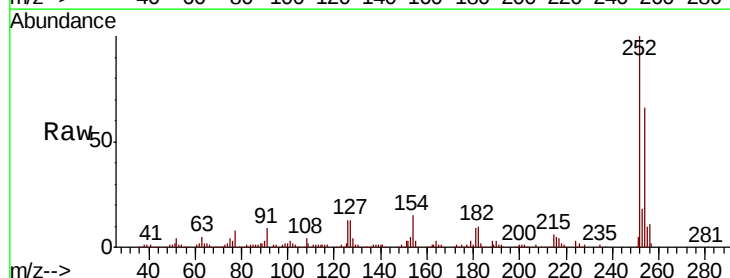
Tgt Ion:252 Resp: 294222

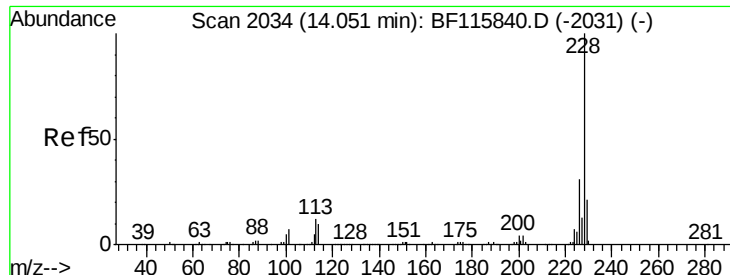
Ion Ratio Lower Upper

252 100

254 66.5 50.9 76.3

126 13.3 9.8 14.8

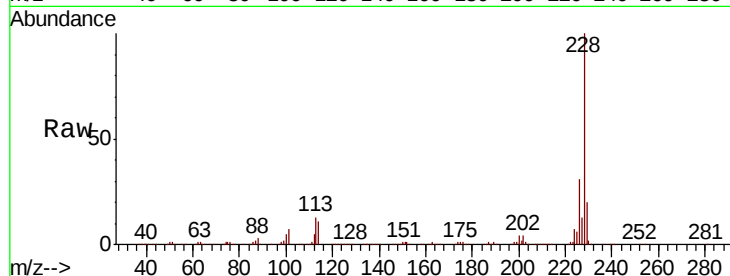




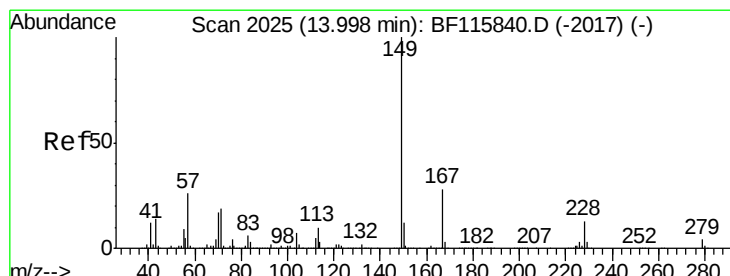
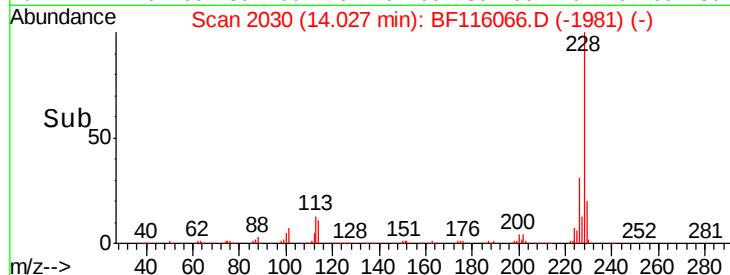
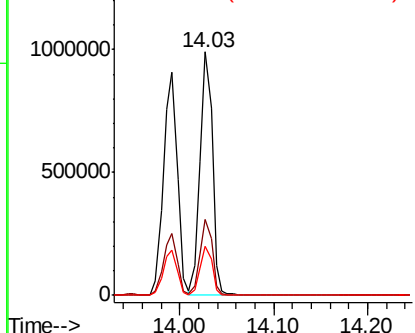
#83
 Chrvsene
 Concen: 38.993 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 914743
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.5 38.3
 229 20.3 16.6 24.8

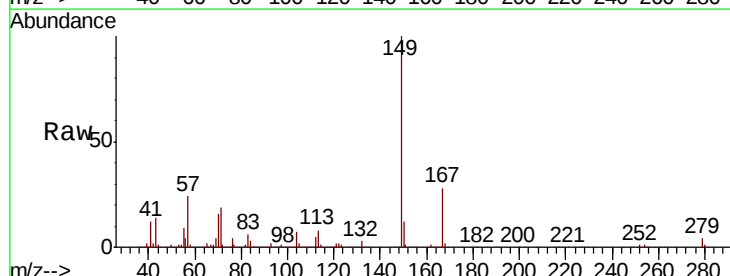


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

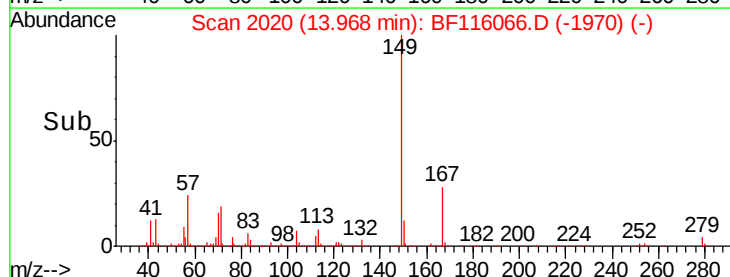
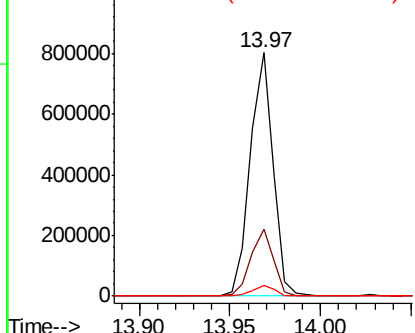


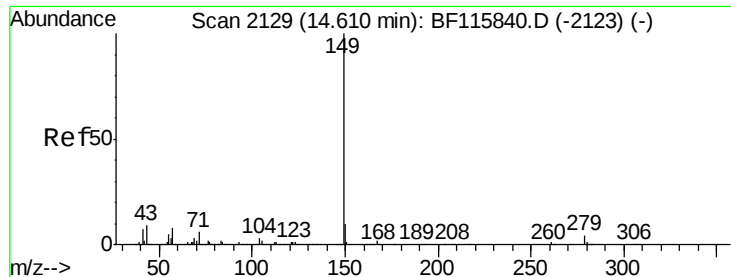
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.758 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116066.D
 Acq: 8 Aug 2019 13:56

Tgt Ion:149 Resp: 701145
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

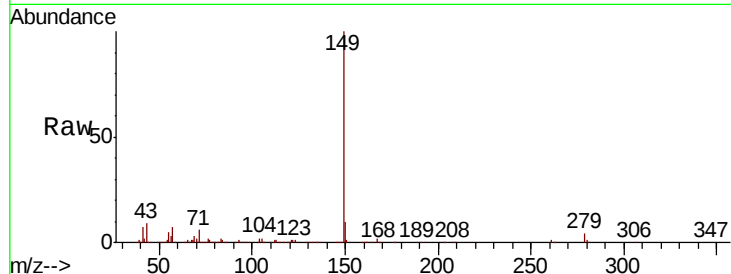




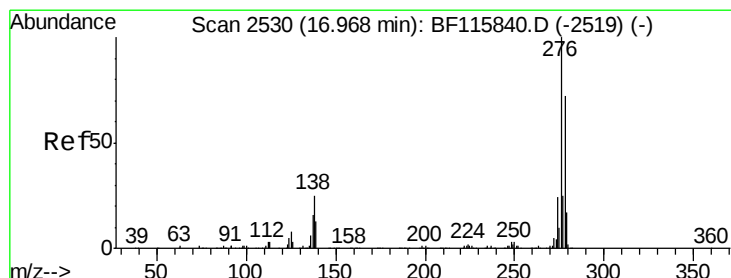
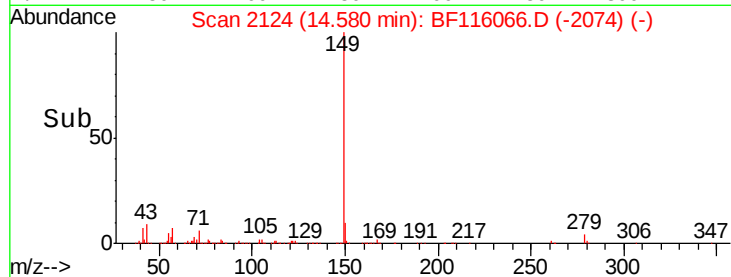
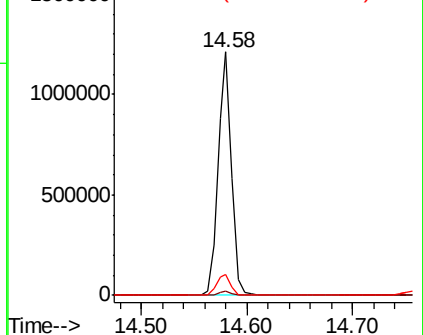
#85
Di-n-octyl phthalate
Concen: 43.553 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1083694
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.5 11.3

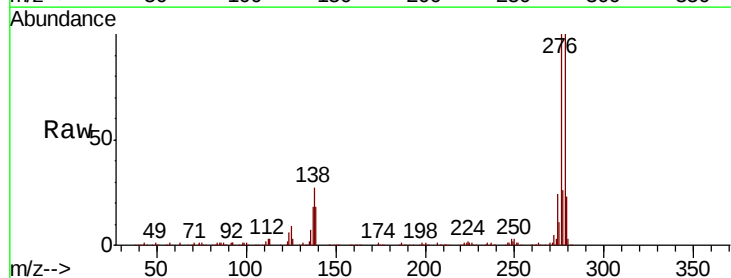


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

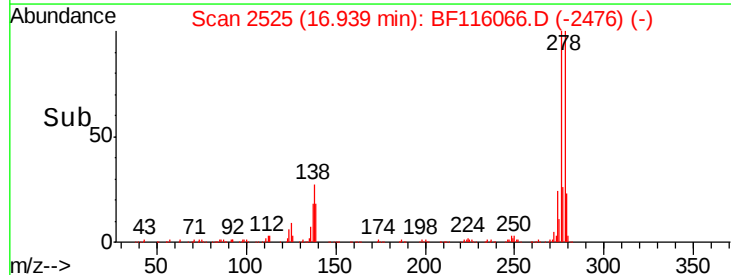
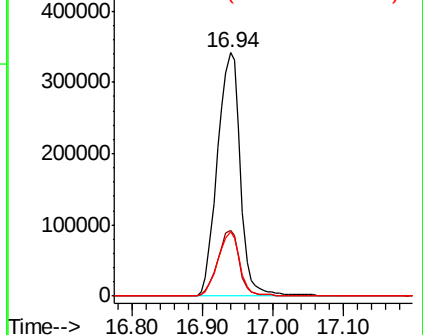


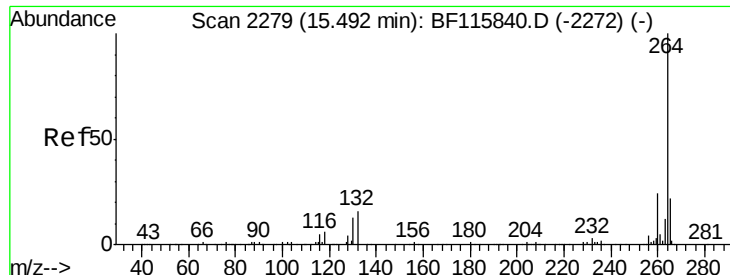
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.352 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:276 Resp: 775379
Ion Ratio Lower Upper
276 100
138 25.9 20.4 30.6
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

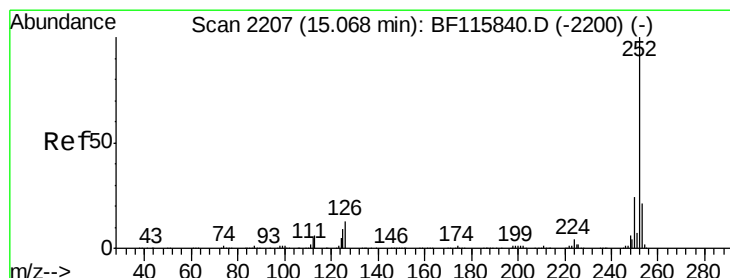
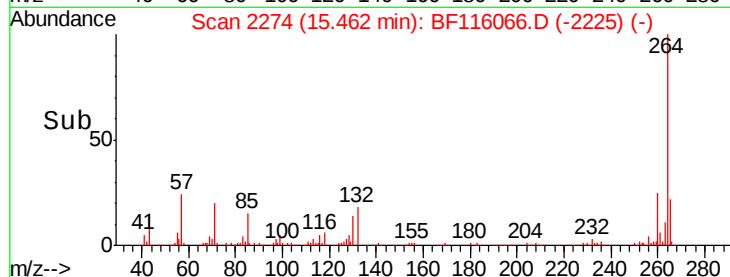
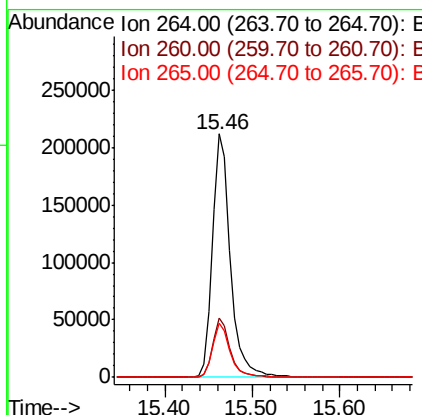
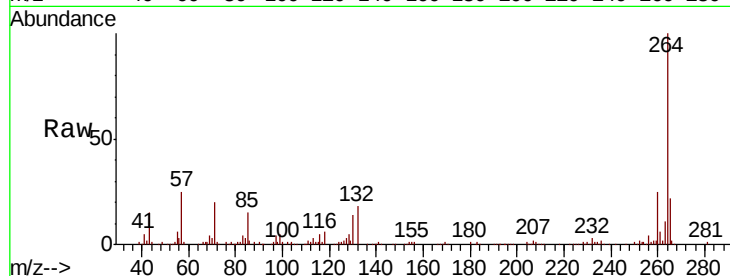




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

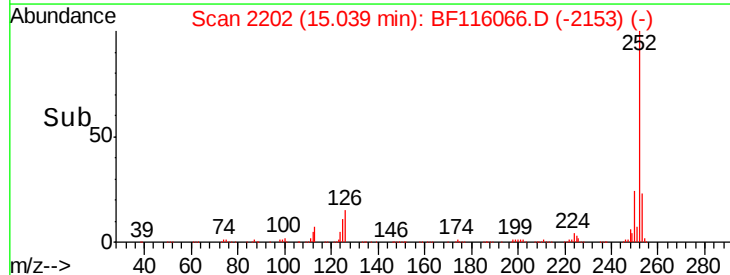
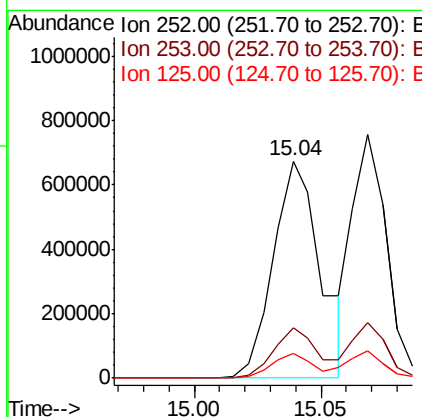
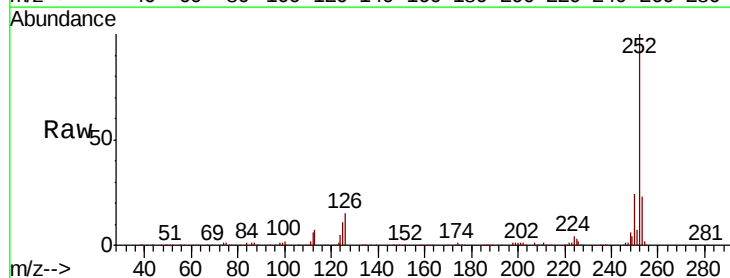
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 303210
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 22.2 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 49.982 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:252 Resp: 876278
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.3 8.4 12.6

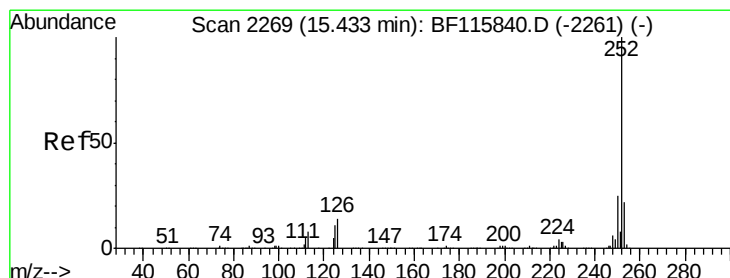
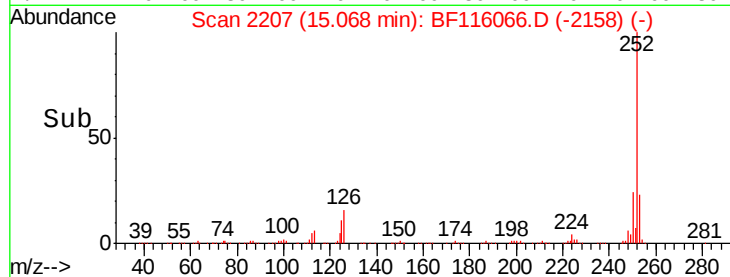
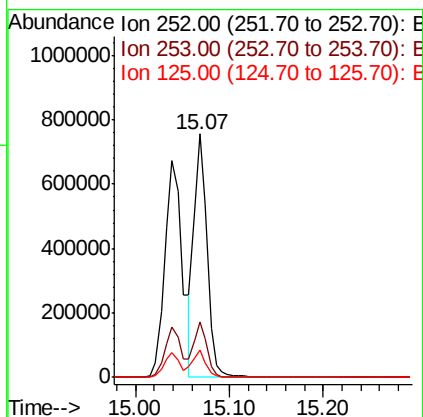
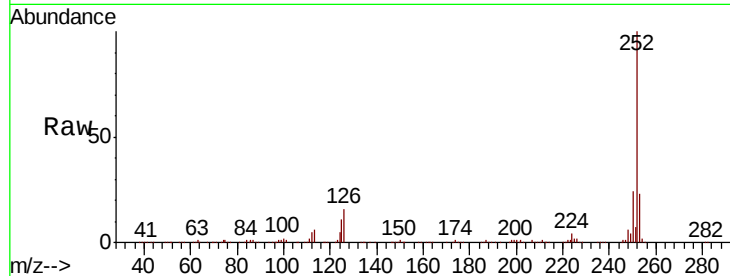




#89
Benzo(k)fluoranthene
Concen: 42.686 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

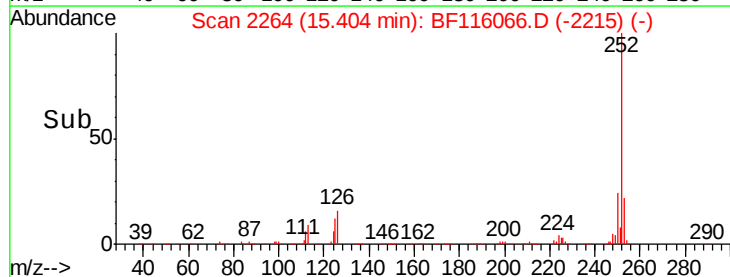
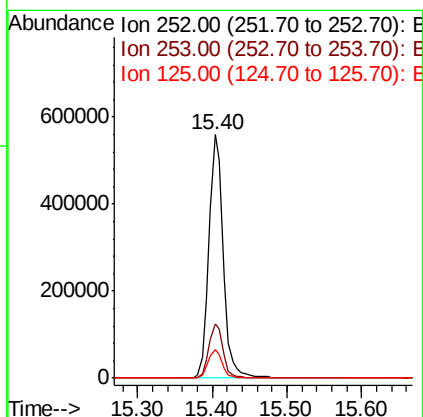
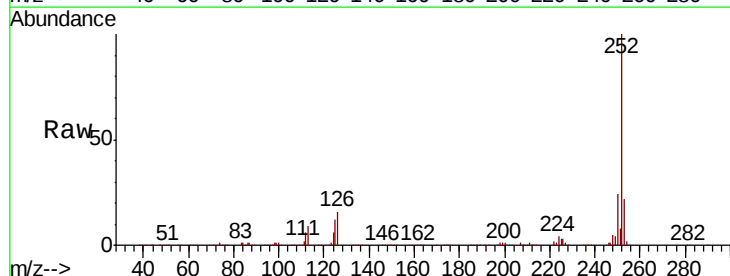
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 728919
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.617 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116066.D
Acq: 8 Aug 2019 13:56

Tgt Ion:252 Resp: 746270
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.533 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

Instrument :

BNA_F

ClientSampled :

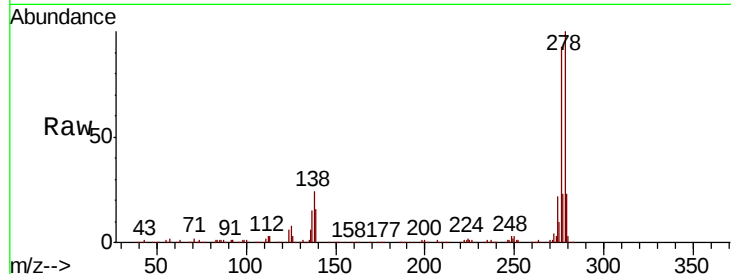
Tot Ion:278 Resp: 658396

Ion Ratio Lower Upper

278 100

139 16.2 12.8 19.2

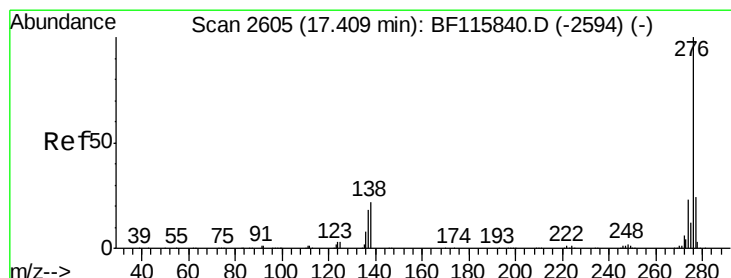
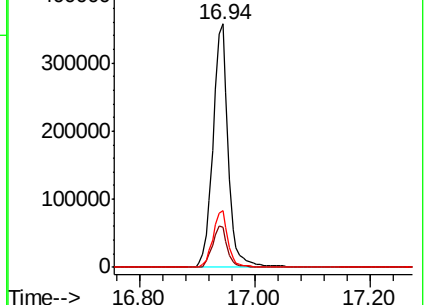
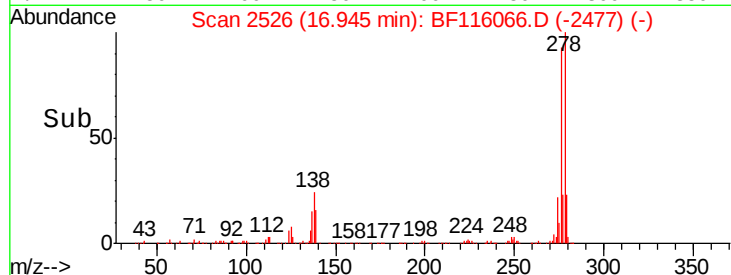
279 23.2 18.8 28.2



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: 48.795 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BF116066.D

Acq: 8 Aug 2019 13:56

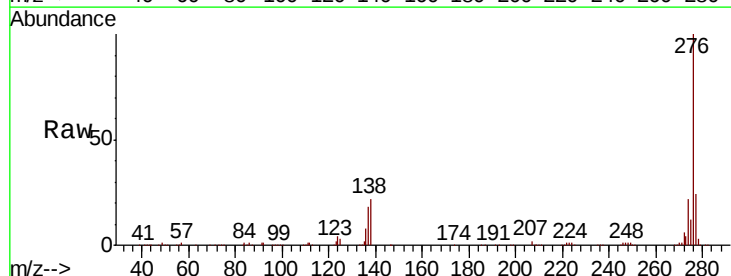
Tgt Ion:276 Resp: 650100

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 22.5 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

