

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116179.D
 Acq On : 11 Aug 2019 6:44
 Operator : HP/JU
 Sample : K4165-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 04:26:15 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	149470	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	577055	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	278339	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	385894	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268796	20.00	ng	0.00
87) Perylene-d12	15.47	264	251434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	717345	80.34	ng	0.00
7) Phenol-d6	6.48	99	900931	79.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	572198	57.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	180699	66.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	889630	59.87	ng	-0.01
79) Terphenyl-d14	12.93	244	652366	51.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	151797	33.653	ng	98
3) Pyridine	3.42	79	401261	31.846	ng	99
4) n-Nitrosodimethylamine	3.37	42	170757	34.341	ng	98
6) Aniline	6.50	93	444899	27.577	ng	93
8) 2-Chlorophenol	6.63	128	405404	41.061	ng	97
9) Benzaldehyde	6.39	77	207955	26.755	ng	96
10) Phenol	6.49	94	512882	38.662	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	394544	40.453	ng	99
12) 1,3-Dichlorobenzene	6.78	146	430292	37.710	ng	99
13) 1,4-Dichlorobenzene	6.86	146	441949	38.683	ng	98
14) 1,2-Dichlorobenzene	7.01	146	407964	38.780	ng	99
15) Benzyl Alcohol	6.99	79	329355	38.526	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	513081	38.568	ng	97
17) 2-Methylphenol	7.10	107	331761	39.684	ng	99
18) Hexachloroethane	7.35	117	150729	35.833	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	274476	39.320	ng	97
20) 3+4-Methylphenols	7.25	107	404637	40.901	ng	# 88
22) Acetophenone	7.25	105	536191	42.368	ng	99
24) Nitrobenzene	7.42	77	438022	40.579	ng	99
25) Isophorone	7.66	82	801783	41.944	ng	100
26) 2-Nitrophenol	7.74	139	206979	40.678	ng	98
27) 2,4-Dimethylphenol	7.77	122	348487	45.523	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	499145	42.128	ng	99
29) 2,4-Dichlorophenol	7.99	162	342621	42.388	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	367016	39.834	ng	99
31) Naphthalene	8.14	128	1111096	40.917	ng	99
32) Benzoic acid	7.90	122	60728	11.252	ng	96
33) 4-Chloroaniline	8.19	127	281454	23.197	ng	99
34) Hexachlorobutadiene	8.26	225	211190	39.794	ng	100
35) Caprolactam	8.57	113	65888	25.204	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	338309	40.233	ng	98
37) 2-Methylnaphthalene	8.83	142	729773	40.806	ng	99
38) 1-Methylnaphthalene	8.93	142	671975	39.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	336339	45.200	ng	99

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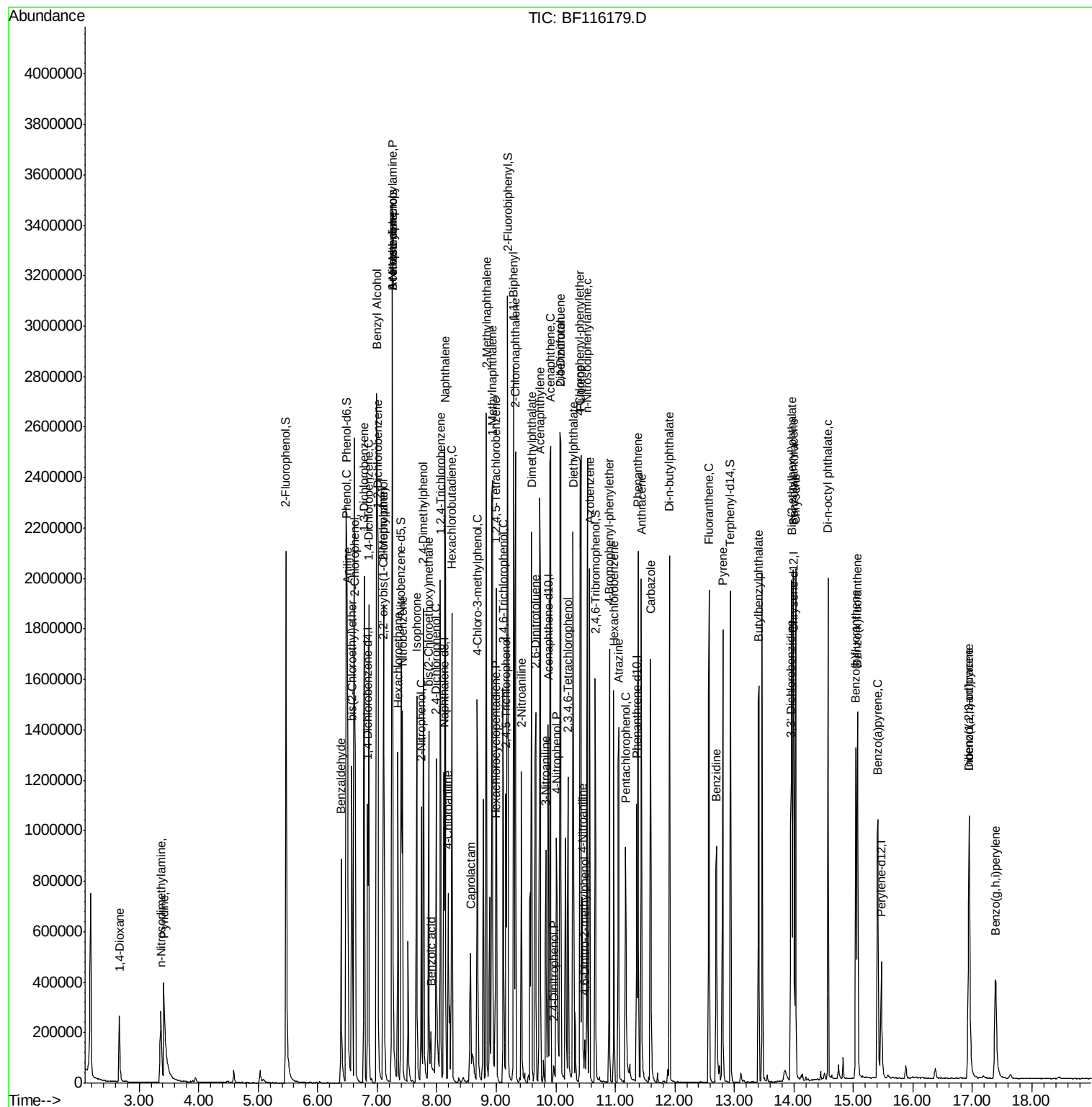
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	47818	19.177	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	205226	40.069	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	215872	40.773	ng	99
46) 1,1'-Biphenyl	9.29	154	869831	44.265	ng	99
47) 2-Chloronaphthalene	9.32	162	677505	41.425	ng	99
48) 2-Nitroaniline	9.42	65	211919	39.201	ng	94
49) Acenaphthylene	9.73	152	979857	41.066	ng	99
50) Dimethylphthalate	9.59	163	979597	51.689	ng	100
51) 2,6-Dinitrotoluene	9.66	165	169187	41.079	ng	97
52) Acenaphthene	9.91	154	584067	39.900	ng	99
53) 3-Nitroaniline	9.83	138	151633	29.796	ng	98
54) 2,4-Dinitrophenol	9.96	184	16143	14.766	ng	96
55) Dibenzofuran	10.08	168	836651	39.302	ng	100
56) 4-Nitrophenol	10.01	139	199117	61.079	ng	92
57) 2,4-Dinitrotoluene	10.07	165	196808	35.891	ng	95
58) Fluorene	10.42	166	645148	39.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	155326	34.871	ng	99
60) Diethylphthalate	10.29	149	753768	42.600	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	341726	41.198	ng	99
62) 4-Nitroaniline	10.45	138	155847	29.633	ng	97
63) Azobenzene	10.57	77	721627	39.652	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	23359	11.423	ng	80
66) n-Nitrosodiphenylamine	10.53	169	584020	50.281	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	194734	47.140	ng	98
68) Hexachlorobenzene	10.97	284	200664	42.008	ng	97
69) Atrazine	11.06	200	175186	45.847	ng	100
70) Pentachlorophenol	11.17	266	152207	65.631	ng	99
71) Phenanthrene	11.39	178	825789	41.859	ng	99
72) Anthracene	11.44	178	857789	42.964	ng	99
73) Carbazole	11.59	167	748906	41.345	ng	99
74) Di-n-butylphthalate	11.91	149	1038582	49.151	ng	99
75) Fluoranthene	12.57	202	769241	37.246	ng	99
77) Benzidine	12.70	184	480702	52.935	ng	97
78) Pyrene	12.80	202	778661	38.429	ng	99
80) Butylbenzylphthalate	13.41	149	367538	42.881	ng	98
81) Benzo(a)anthracene	13.99	228	705878	41.086	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	268072	44.912	ng	97
83) Chrysene	14.03	228	688857	41.299	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	547858	49.188	ng	100
85) Di-n-octyl phthalate	14.57	149	917088	51.839	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	524946	37.472	ng	100
88) Benzo(b)fluoranthene	15.04	252	657740	45.242	ng	99
89) Benzo(k)fluoranthene	15.07	252	598668	42.278	ng	99
90) Benzo(a)pyrene	15.41	252	569546	43.825	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	449509	39.958	ng	99
92) Benzo(g,h,i)perylene	17.39	276	418903	37.916	ng	100

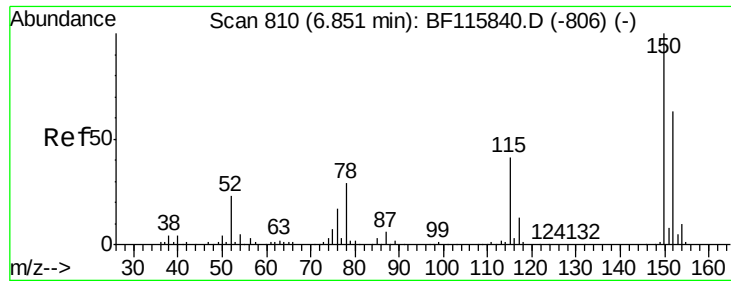
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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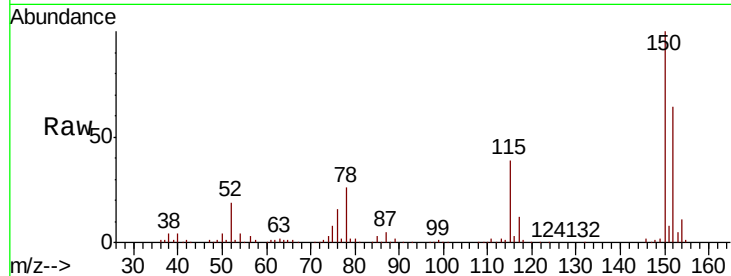


#1

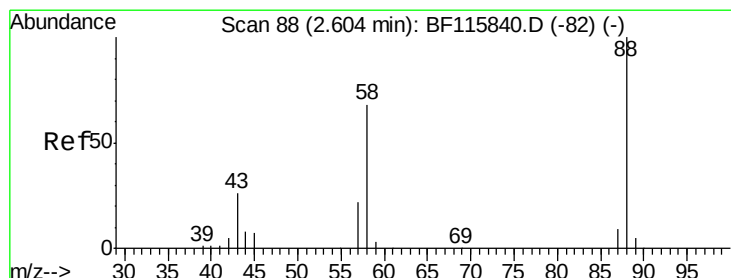
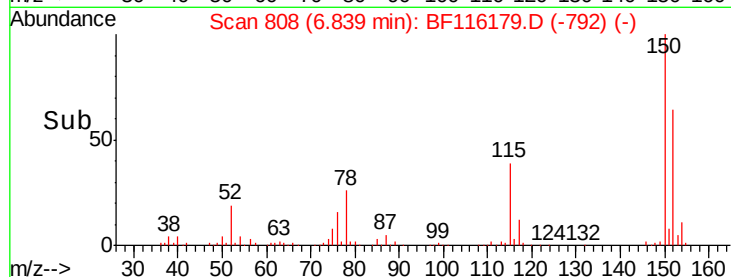
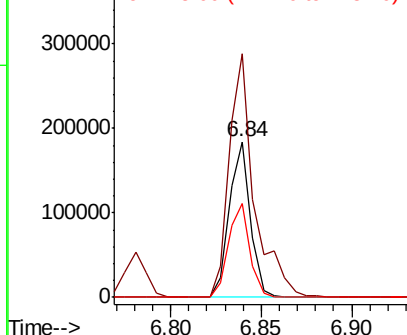
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149470
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 60.6 49.9 74.9



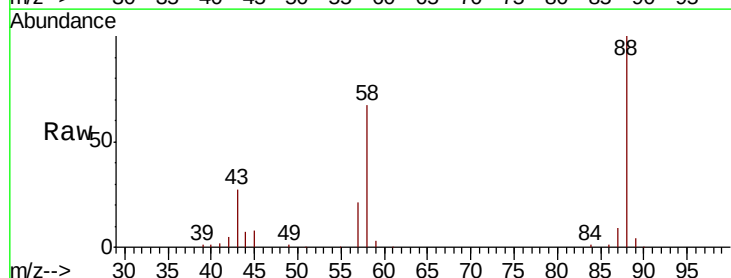
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



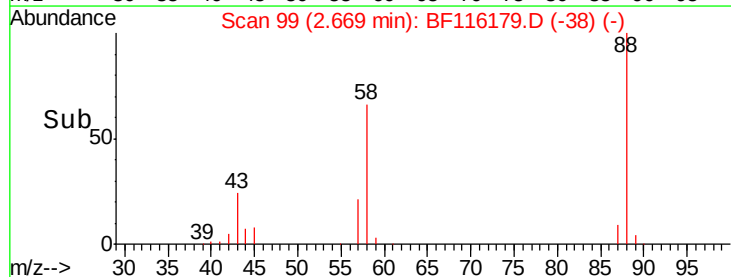
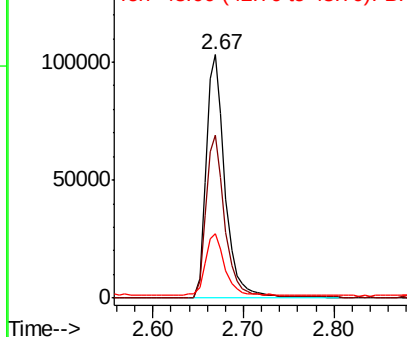
#2

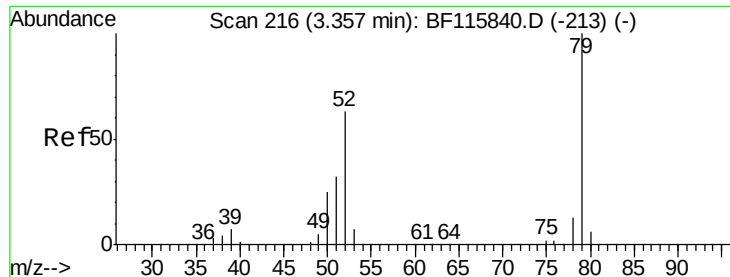
1,4-Dioxane
Concen: 33.653 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion: 88 Resp: 151797
Ion Ratio Lower Upper
88 100
58 68.6 53.7 80.5
43 25.4 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: 31.846 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.05 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

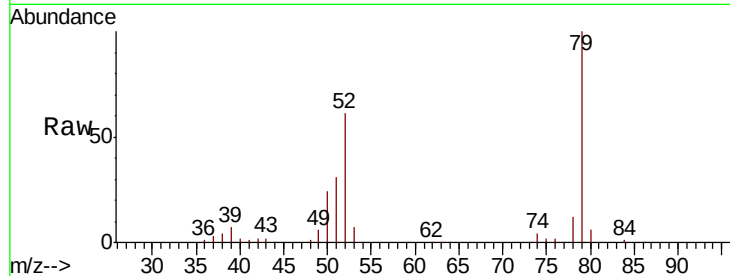
Tot Ion: 79 Resp: 401261

Ion Ratio Lower Upper

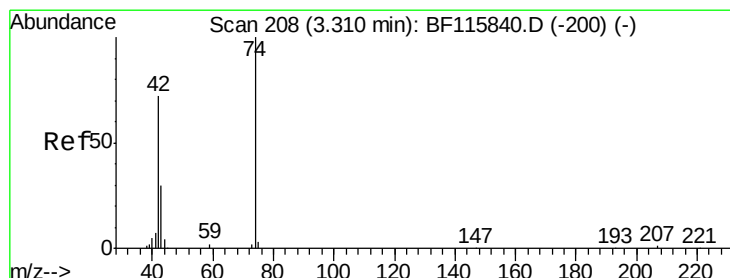
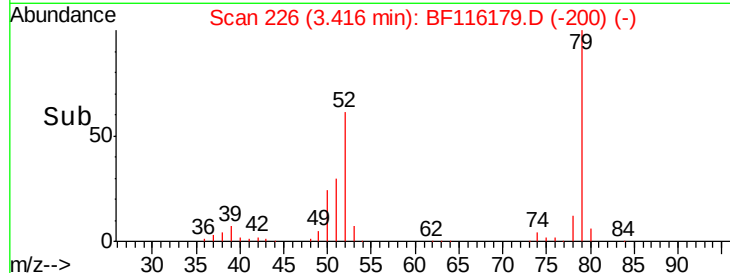
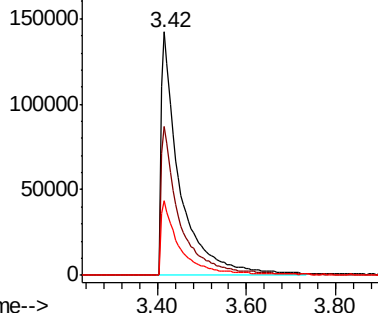
79 100

52 61.3 49.8 74.8

51 30.6 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 34.341 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

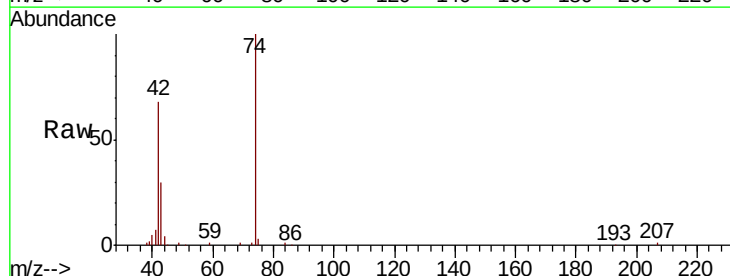
Tgt Ion: 42 Resp: 170757

Ion Ratio Lower Upper

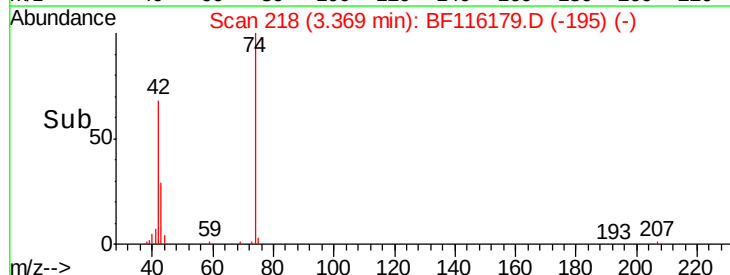
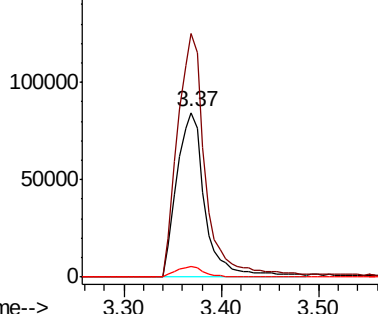
42 100

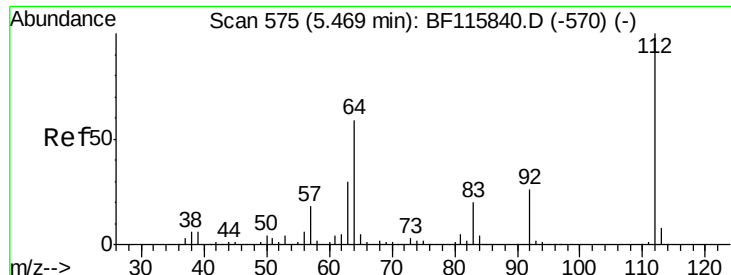
74 147.7 116.0 174.0

44 6.5 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: 80.343 ng

RT: 5.47 min Scan# 575

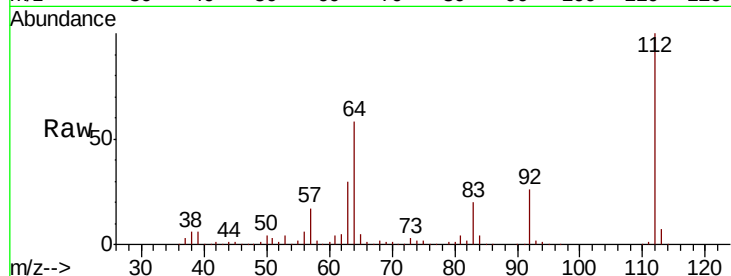
Delta R.T. -0.00 min

Lab File: BF116179.D

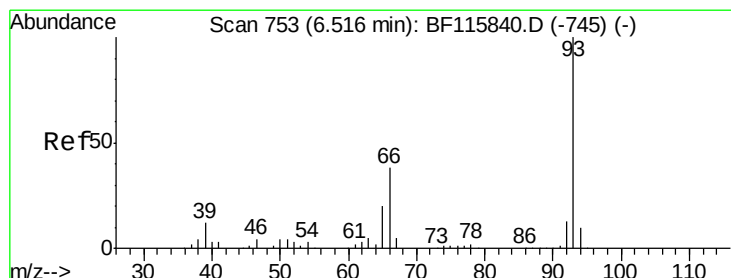
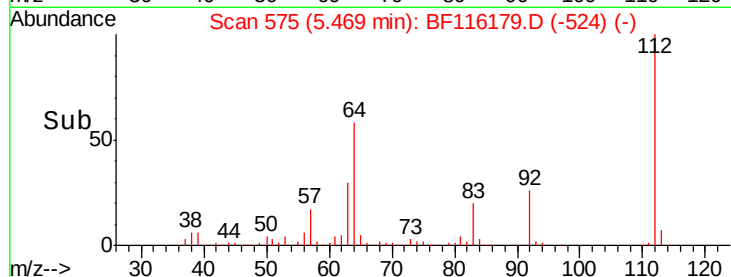
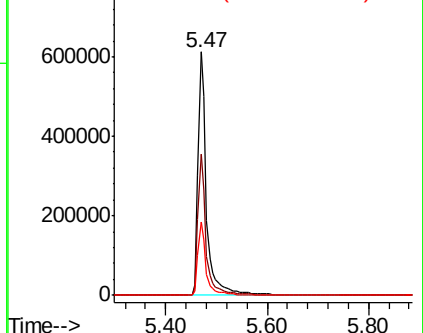
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	717345
Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.4	68.2
63	30.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.577 ng

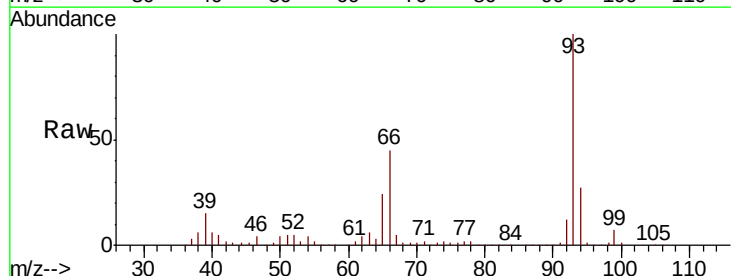
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

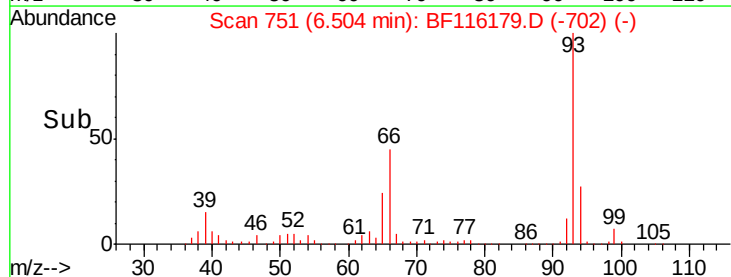
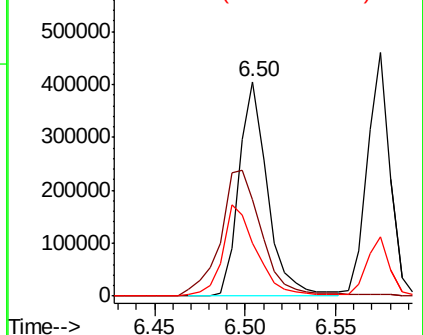
Lab File: BF116179.D

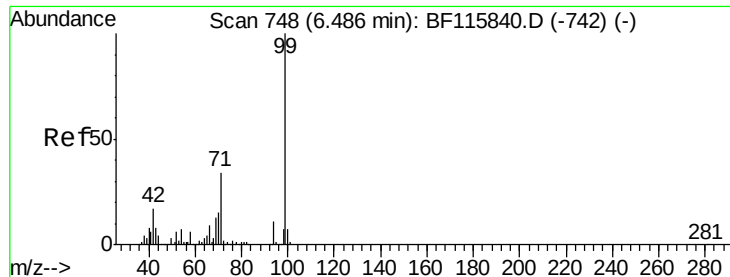
Acq: 11 Aug 2019 6:44

Tgt Ion:	93	Resp:	444899
Ion	Ratio	Lower	Upper
93	100		
66	44.7	32.2	48.4
65	24.5	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: 79.976 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

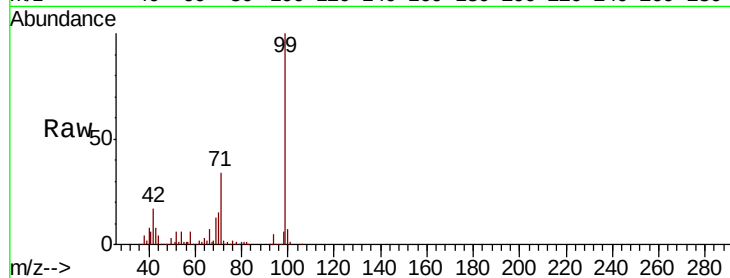
Tot Ion: 99 Resp: 900931

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

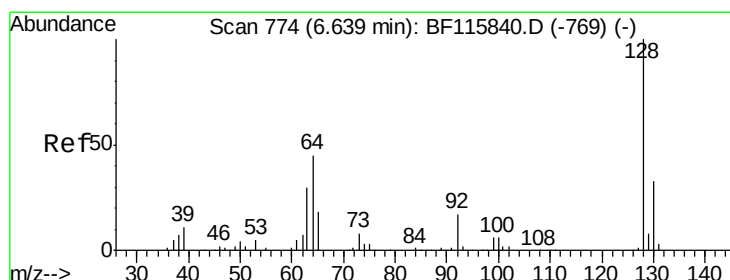
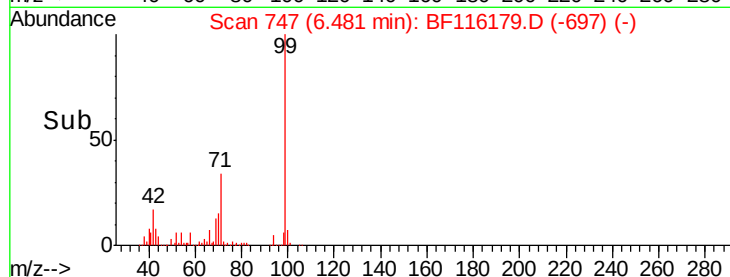
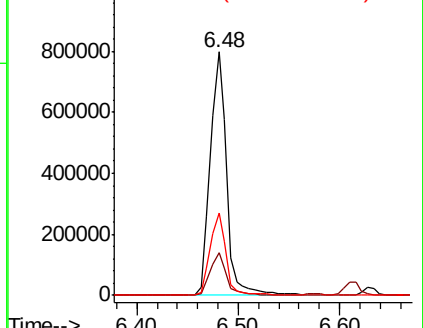
71 33.7 27.3 40.9



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: 41.061 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

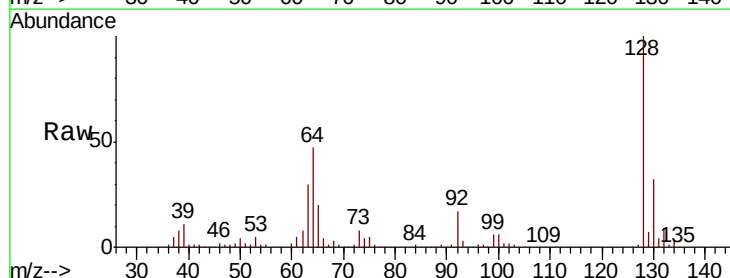
Tgt Ion: 128 Resp: 405404

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

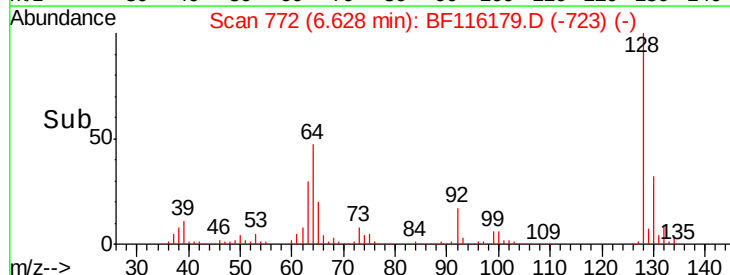
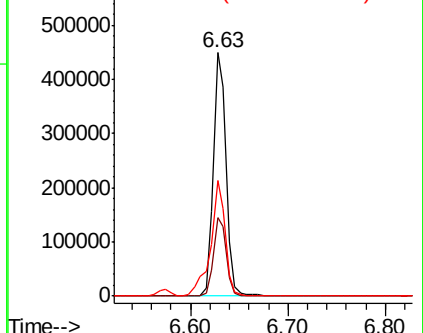
64 47.4 24.3 64.3

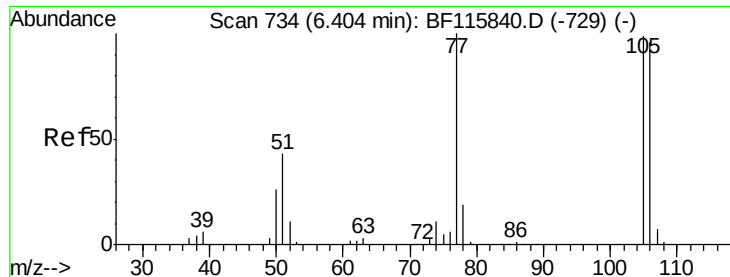


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.755 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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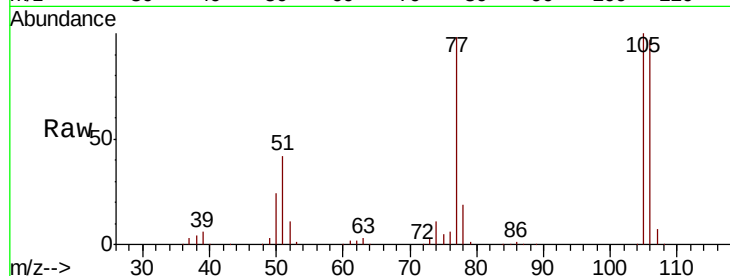
Tot Ion: 77 Resp: 207955

Ion Ratio Lower Upper

77 100

105 102.2 79.2 119.2

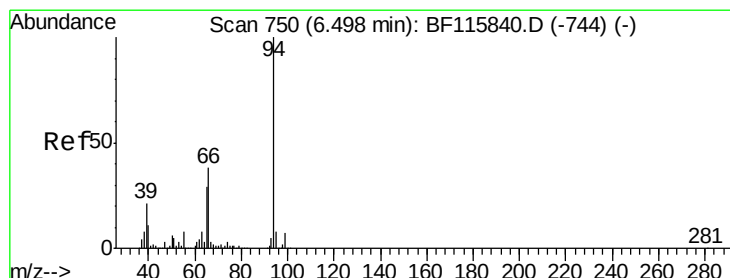
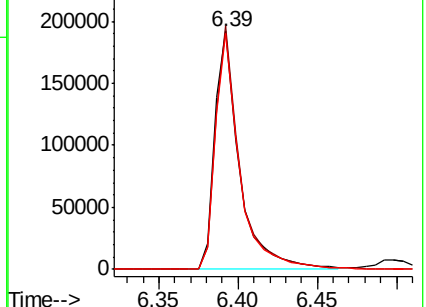
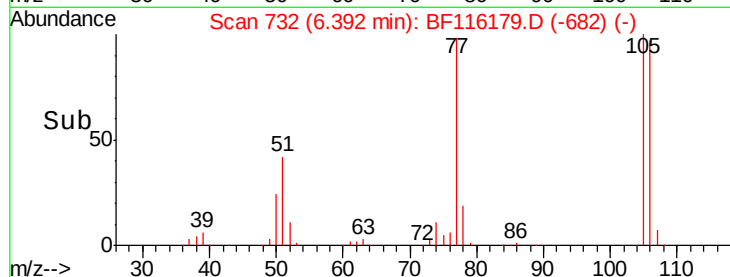
106 99.2 74.3 114.3



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: 38.662 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

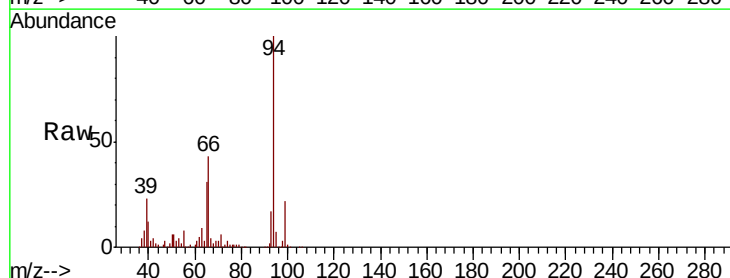
Tgt Ion: 94 Resp: 512882

Ion Ratio Lower Upper

94 100

65 31.3 16.8 56.8

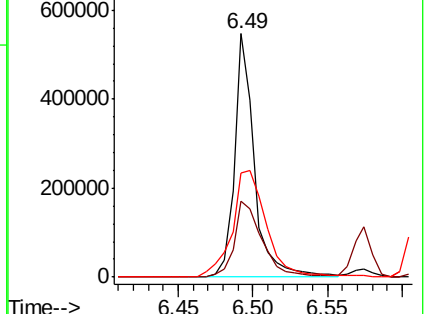
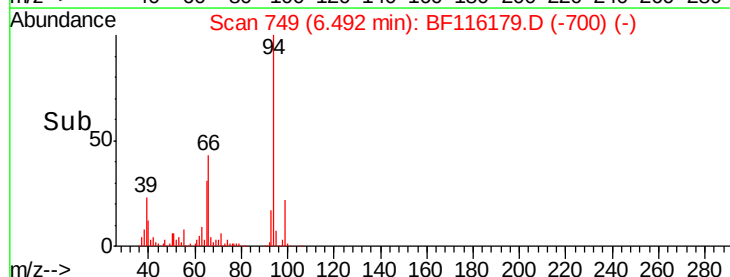
66 42.7 34.2 74.2

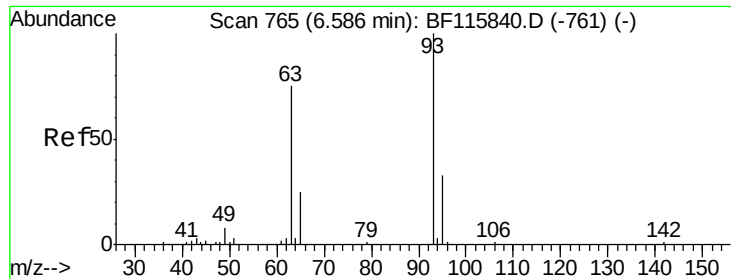


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

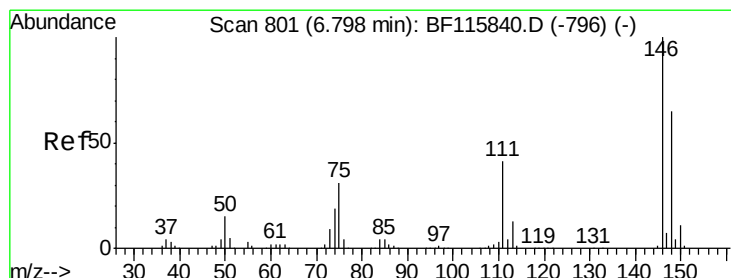
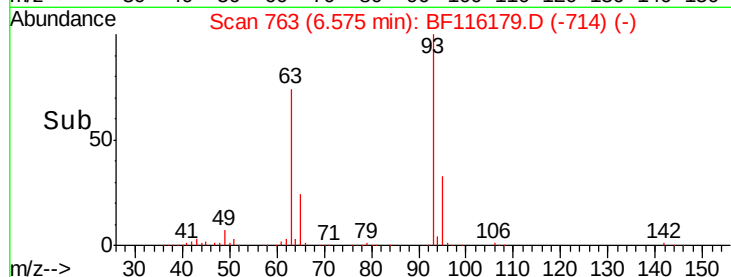
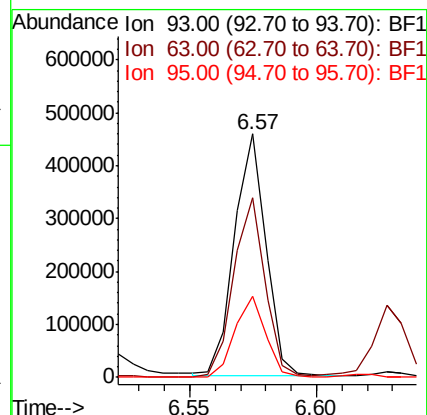
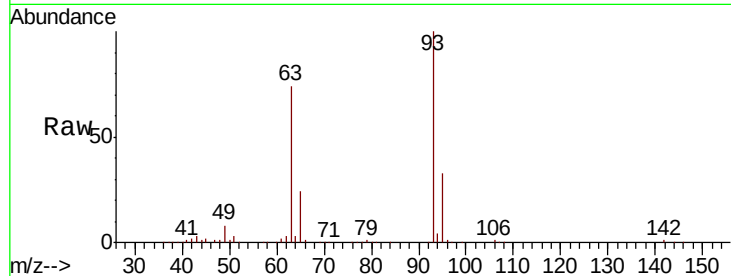




#11
bis(2-Chloroethyl)ether
Concen: 40.453 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

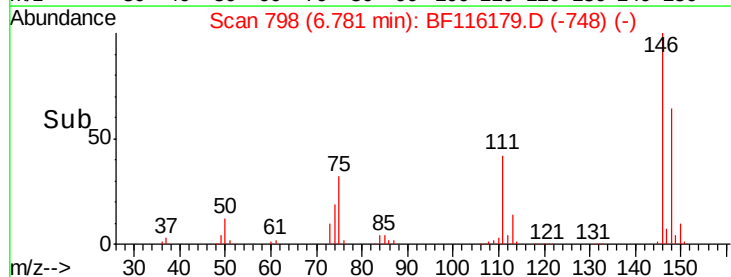
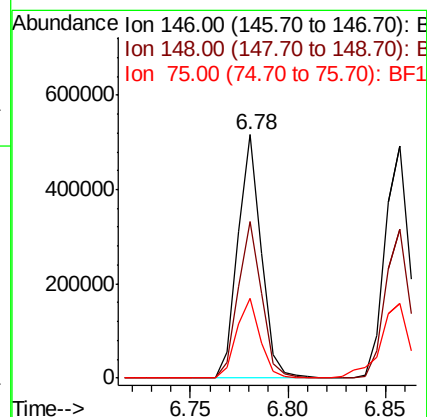
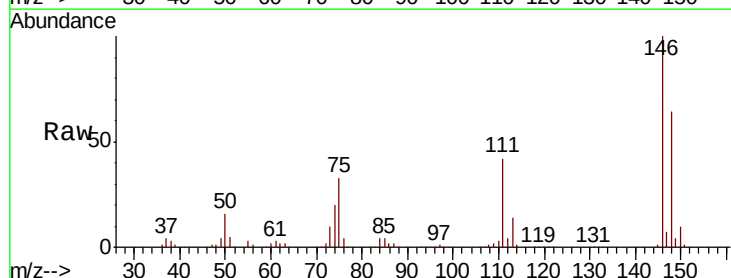
Instrument :
BNA_F
ClientSampleId :

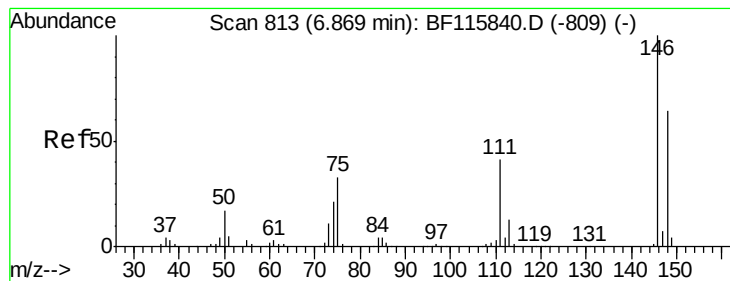
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	51.9	91.9
95	33.1	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 37.710 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	32.6	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 38.683 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

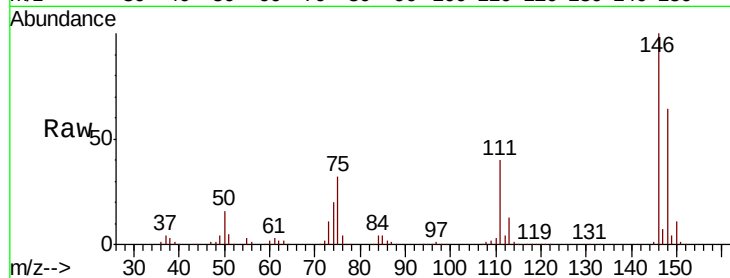
Tot Ion:146 Resp: 441949

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

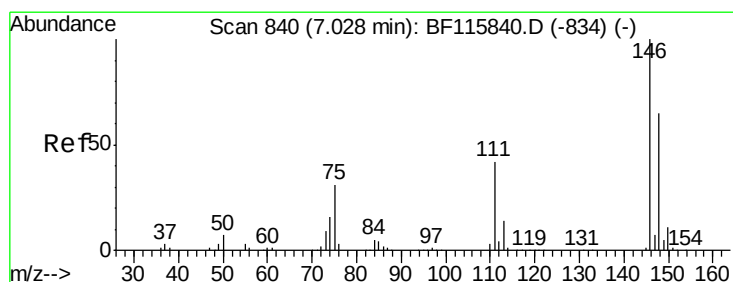
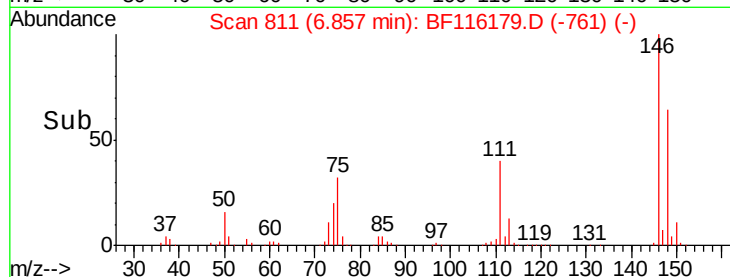
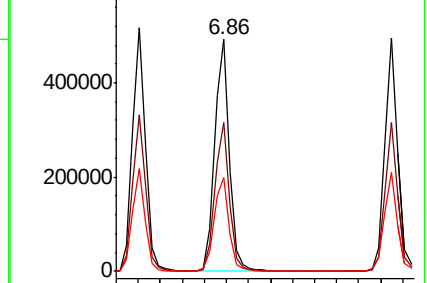
111 40.3 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.780 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

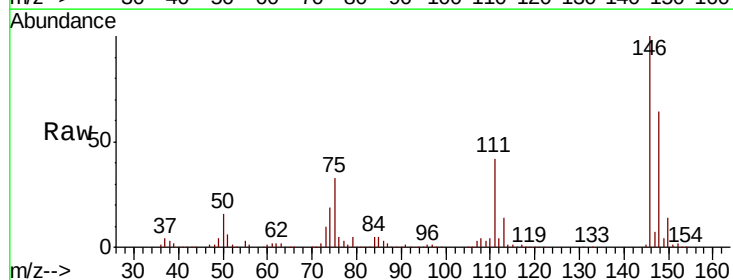
Tgt Ion:146 Resp: 407964

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

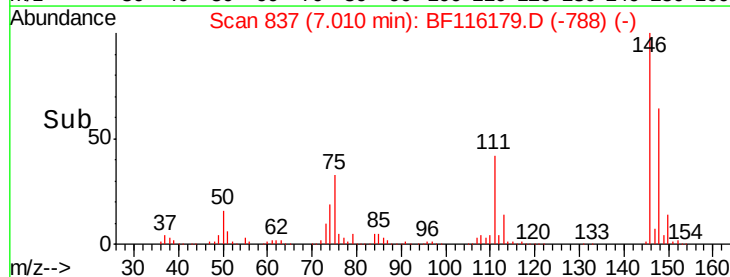
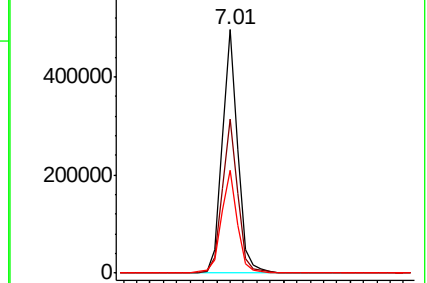
111 42.2 33.5 50.3

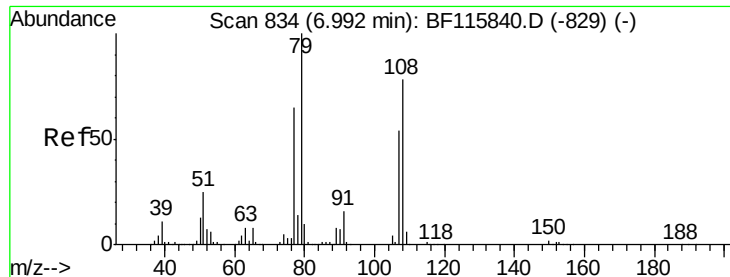


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.526 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampled :

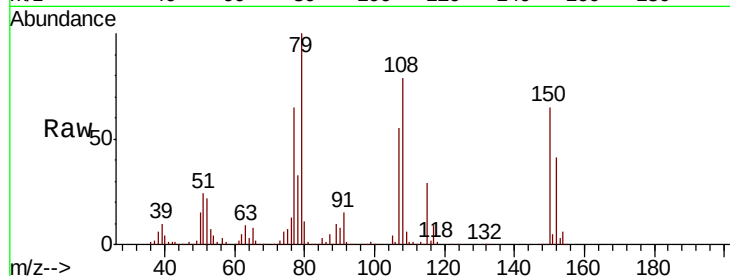
Tot Ion: 79 Resp: 329355

Ion Ratio Lower Upper

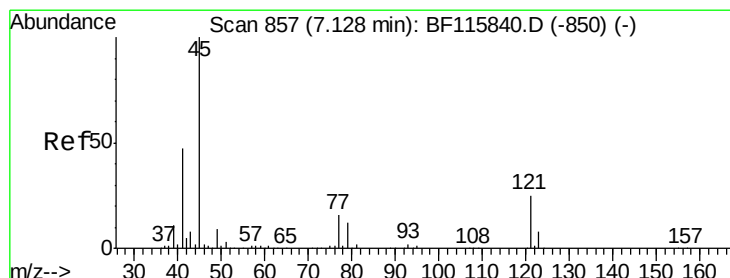
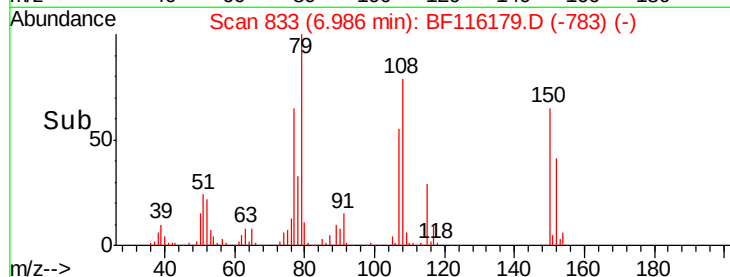
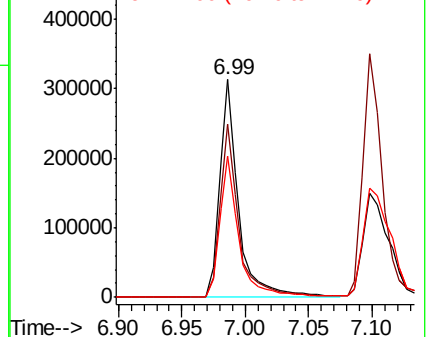
79 100

108 79.5 62.7 94.1

77 64.7 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.568 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

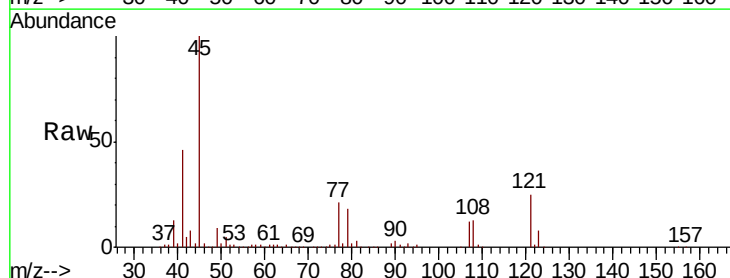
Tgt Ion: 45 Resp: 513081

Ion Ratio Lower Upper

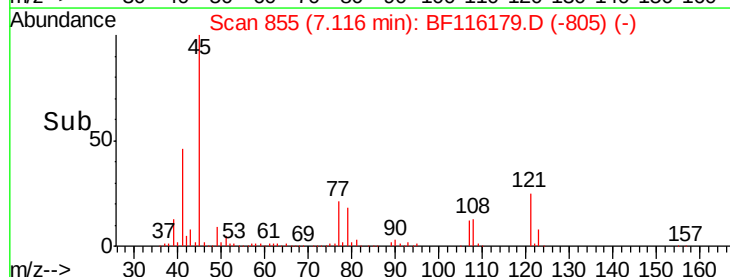
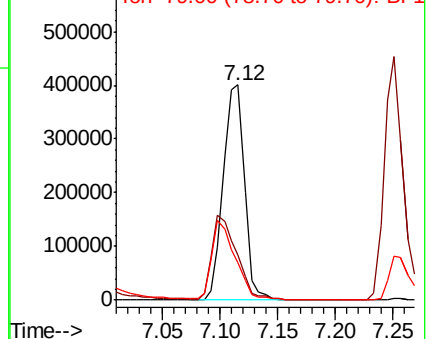
45 100

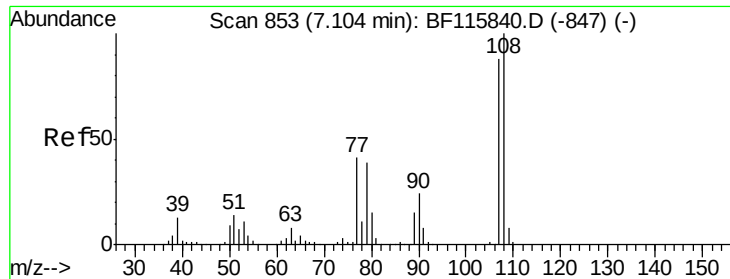
77 21.3 0.0 40.0

79 17.6 0.0 35.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

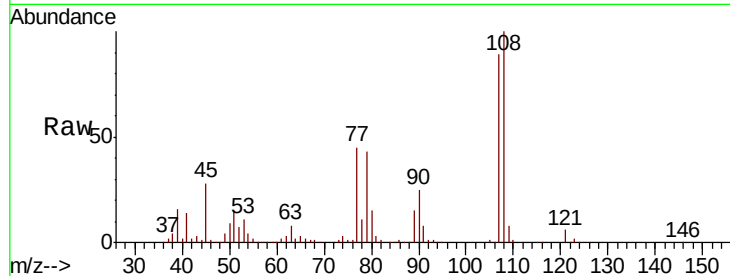




#17
2-Methylphenol
Concen: 39.684 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.2	136.8
77	50.6	40.3	60.5
79	47.9	37.6	56.4



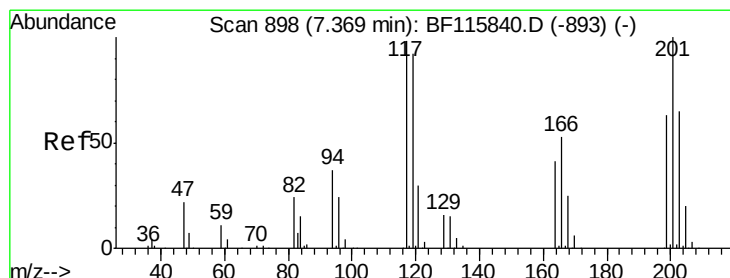
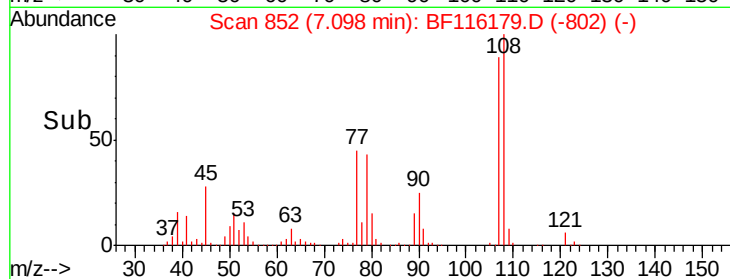
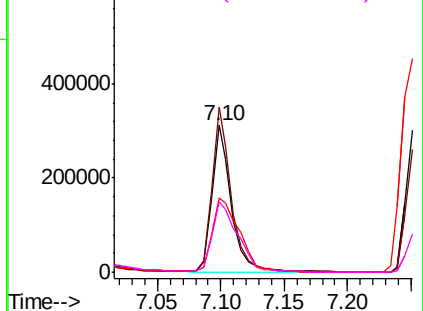
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

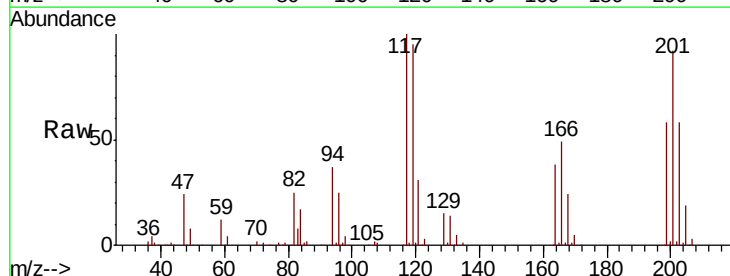
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.833 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
201	91.8	77.0	115.4

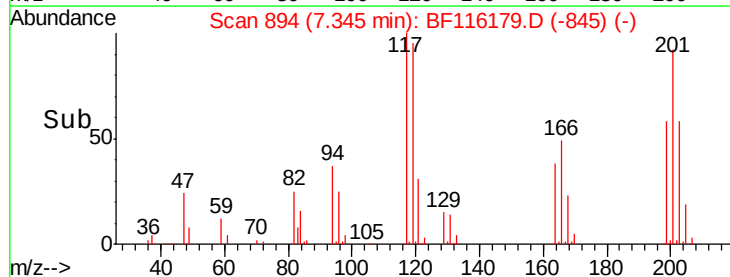
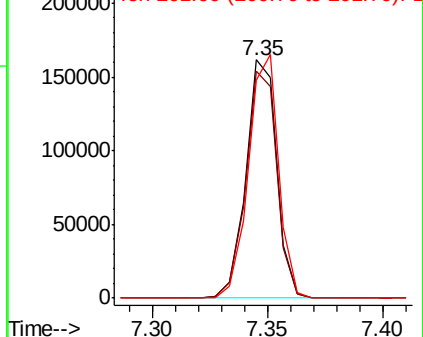


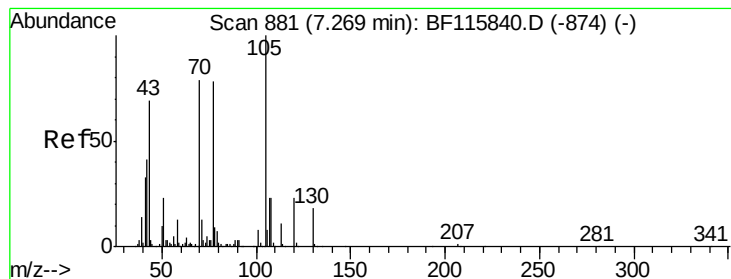
Abundance

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: 39.320 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 274476

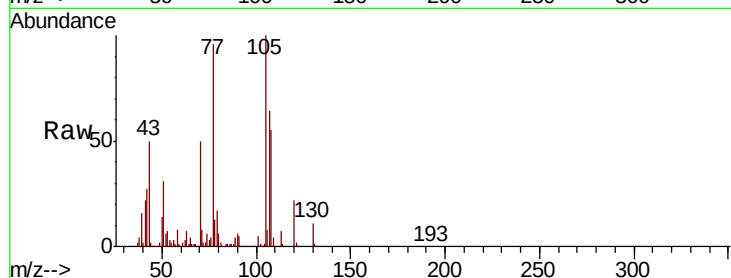
Ion Ratio Lower Upper

70 100

42 54.5 40.9 61.3

101 9.7 7.9 11.9

130 21.2 16.9 25.3



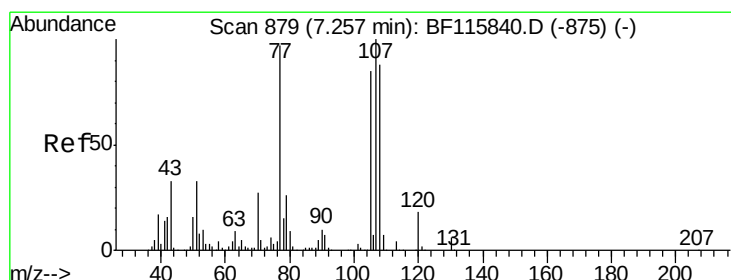
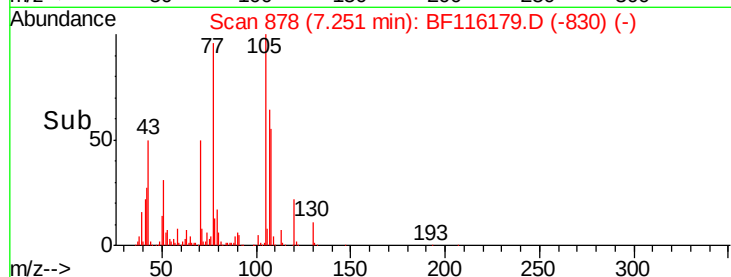
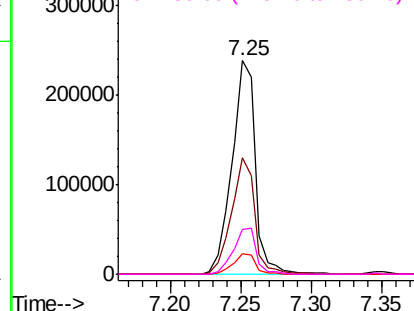
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.901 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Tgt Ion:107 Resp: 404637

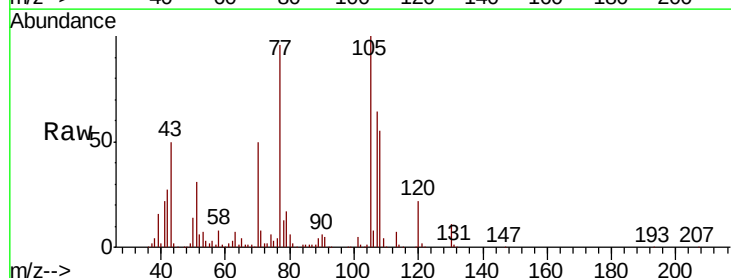
Ion Ratio Lower Upper

107 100

108 85.9 67.6 107.6

77 149.9 104.4 144.4#

79 27.1 7.4 47.4



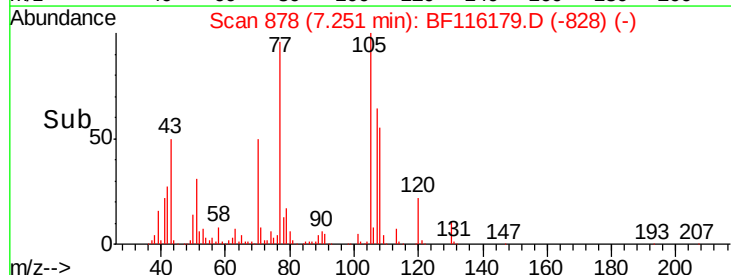
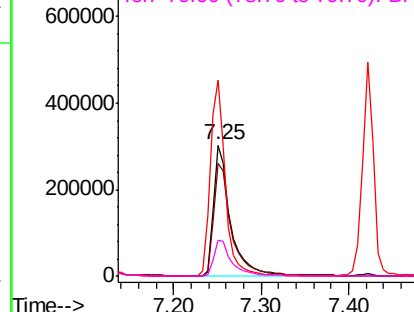
Abundance

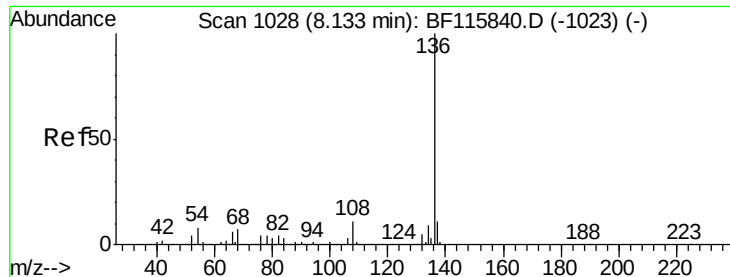
Ion 107.00 (106.70 to 107.70): E

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

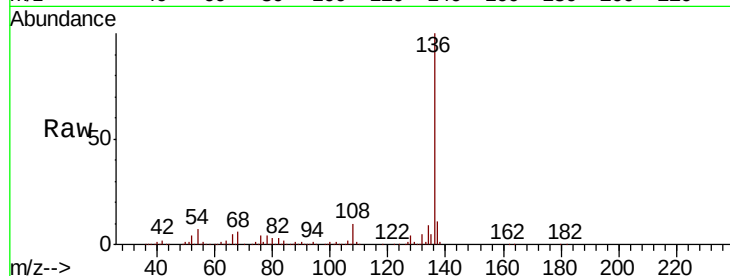




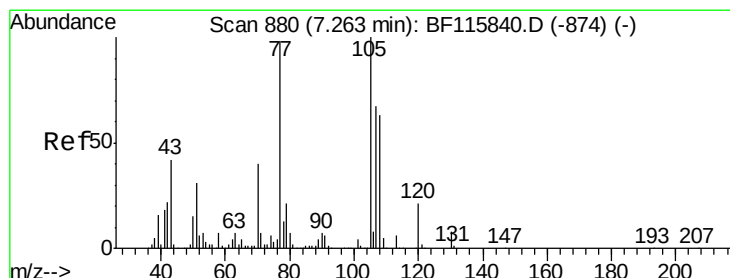
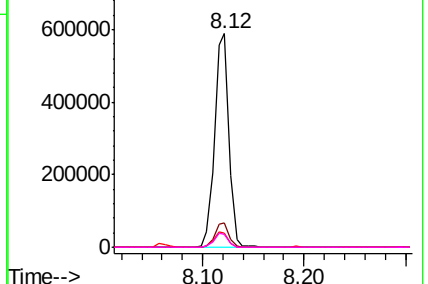
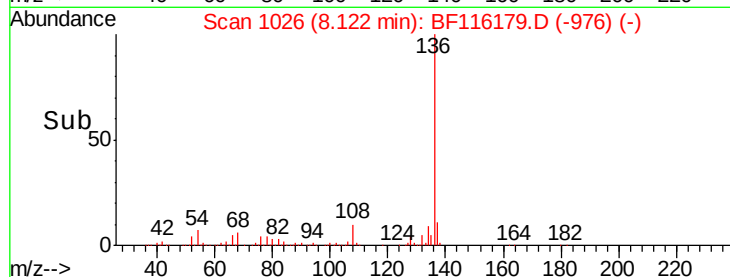
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	577055
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.8	5.8 8.6
68	5.9	5.2 7.8

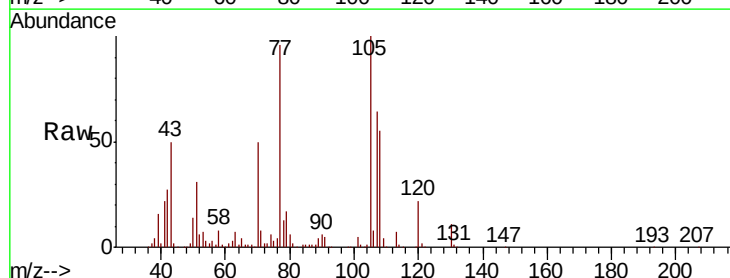


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

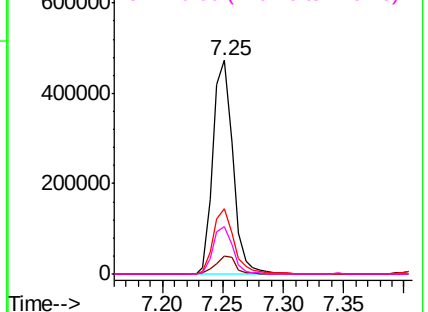
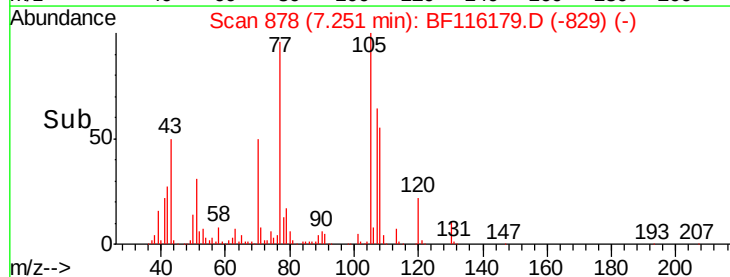


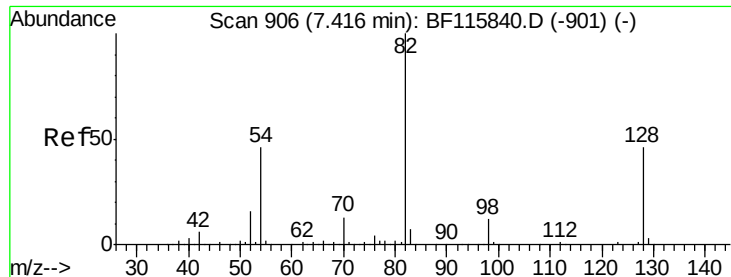
#22
Acetophenone
Concen: 42.368 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:105	Resp:	536191
Ion Ratio	Lower	Upper
105	100	
71	8.5	5.9 8.9
51	30.8	25.3 37.9
120	21.9	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

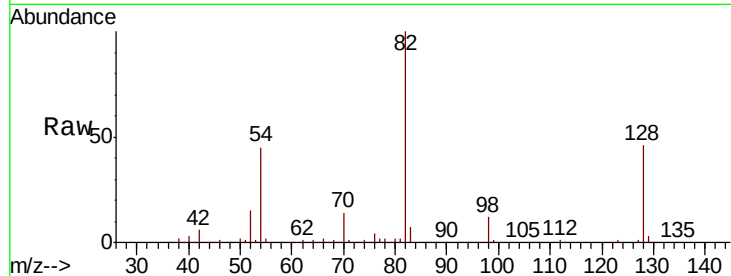




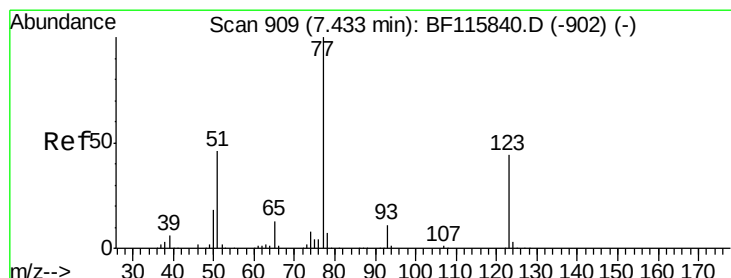
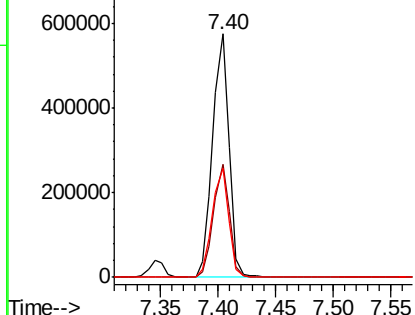
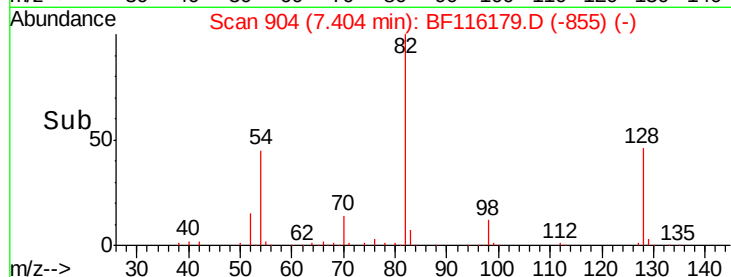
#23
 Nitrobenzene-d5
 Concen: 57.237 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	572198
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	44.8	36.0	54.0

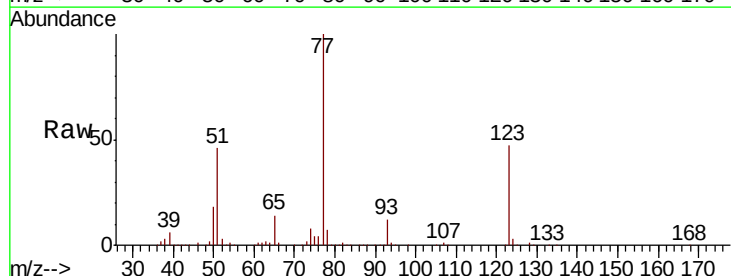


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

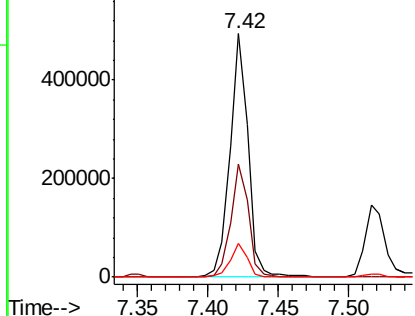
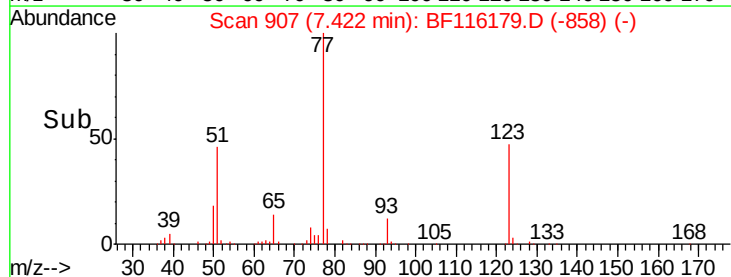


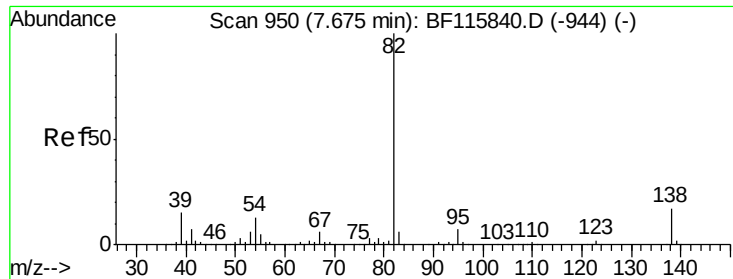
#24
 Nitrobenzene
 Concen: 40.579 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	77	Resp	438022
Ion Ratio	Lower	Upper	
77	100		
123	46.5	36.7	55.1
65	13.6	10.6	16.0



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

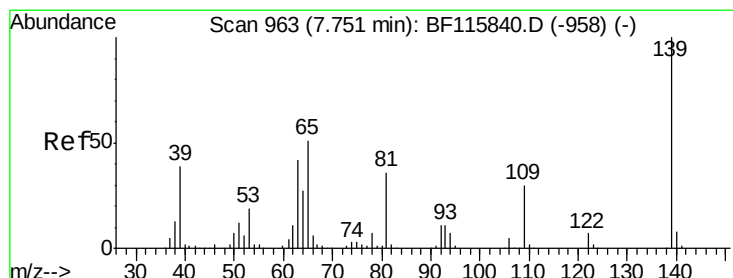
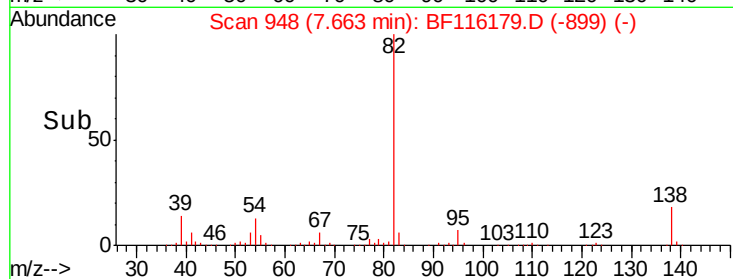
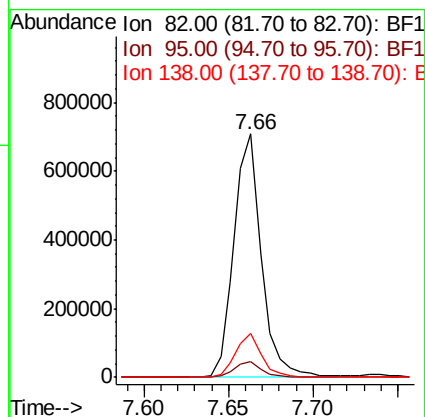
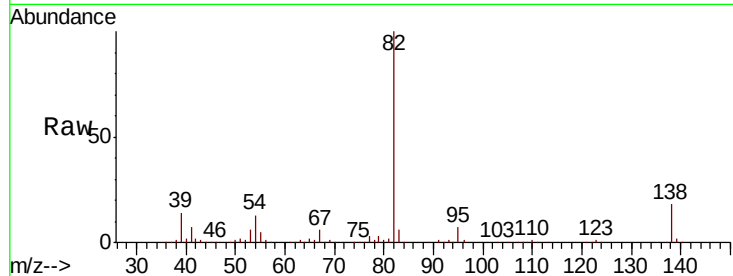




#25
Isophorone
Concen: 41.944 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

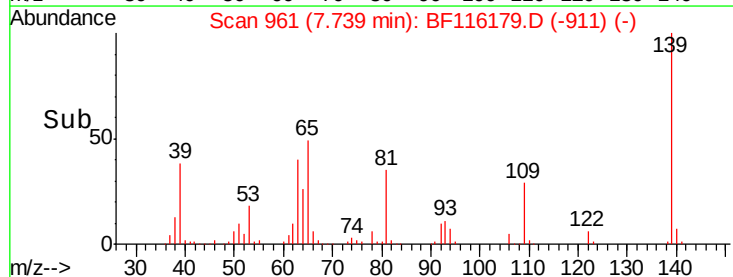
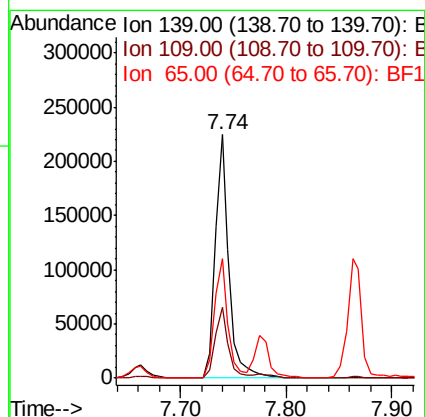
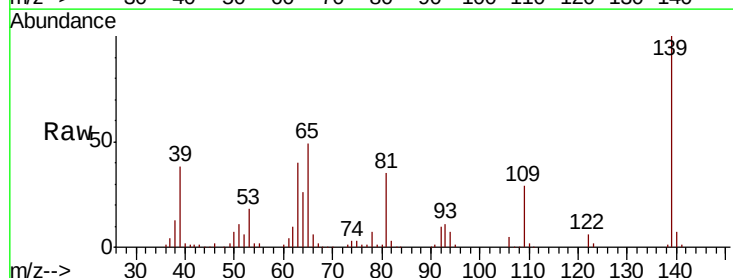
Instrument :
BNA_F
ClientSampleId :

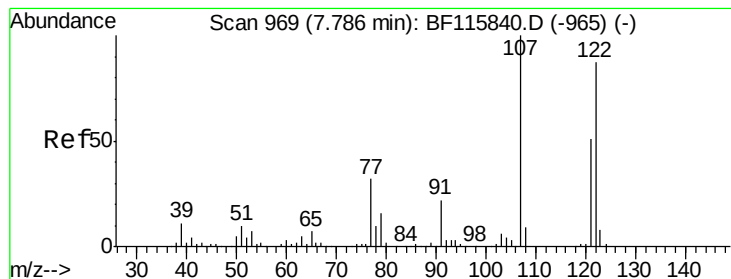
Tot Ion: 82 Resp: 801783
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 40.678 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion: 139 Resp: 206979
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.2
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 45.523 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

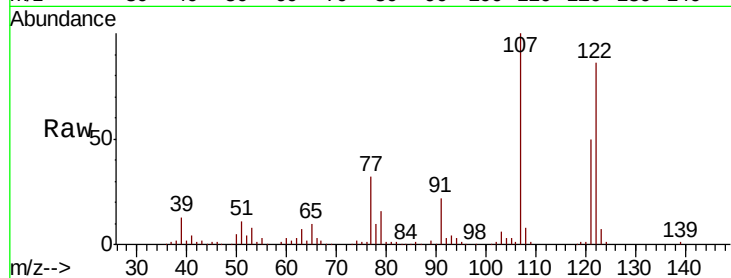
Tot Ion:122 Resp: 348487

Ion Ratio Lower Upper

122 100

107 116.8 93.0 139.6

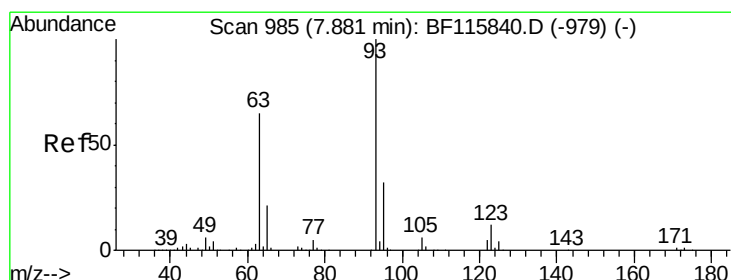
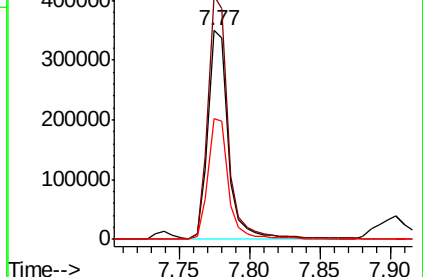
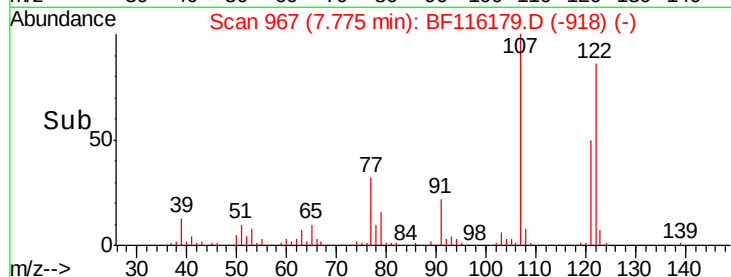
121 58.2 47.6 71.4



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: 42.128 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

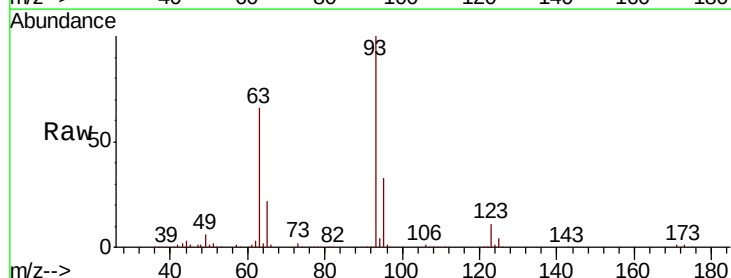
Tgt Ion: 93 Resp: 499145

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

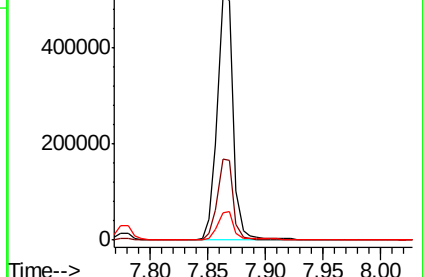
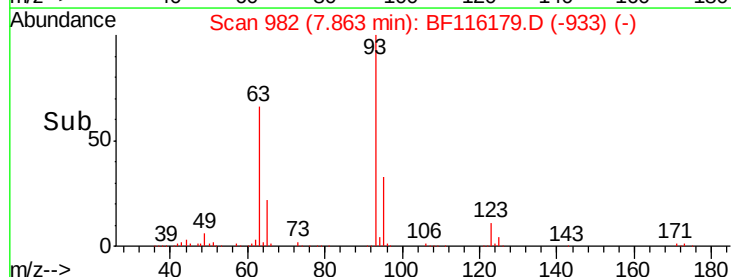
123 11.3 9.2 13.8

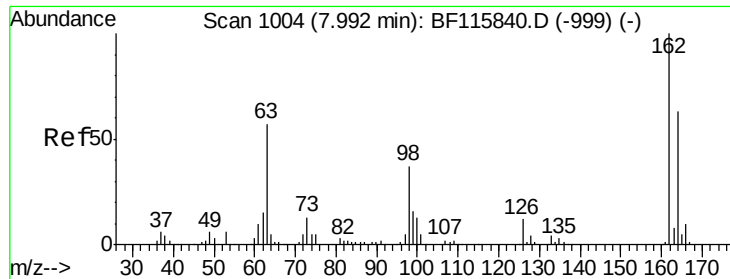


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

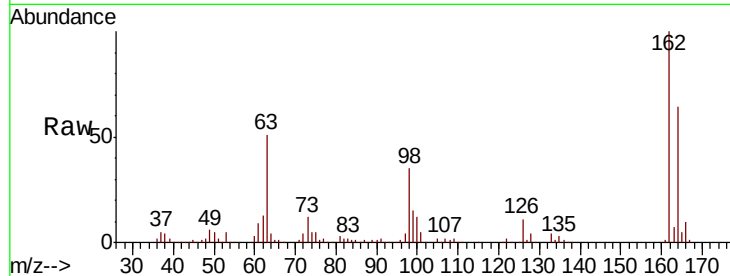




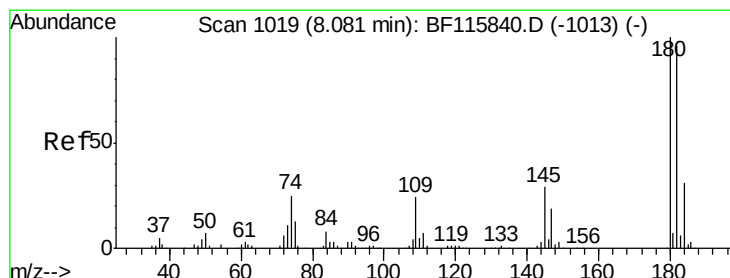
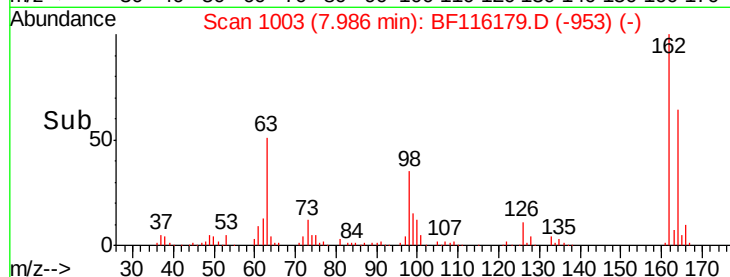
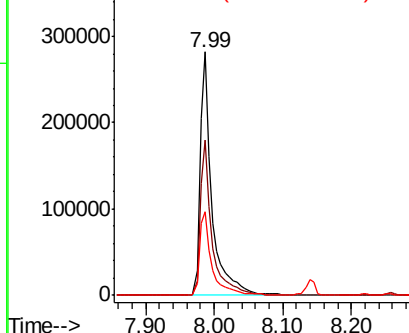
#29
 2,4-Dichlorophenol
 Concen: 42.388 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.1	85.1
98	34.5	15.8	55.8

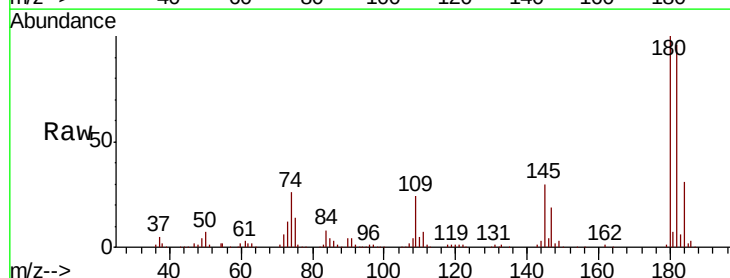


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

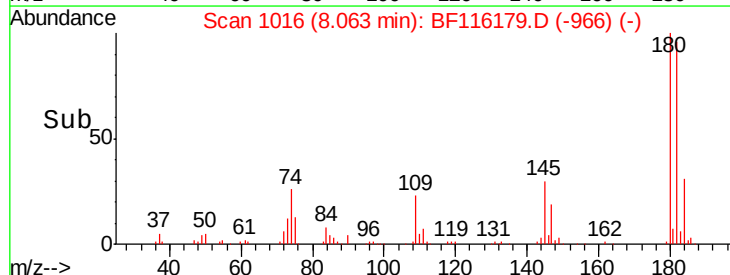
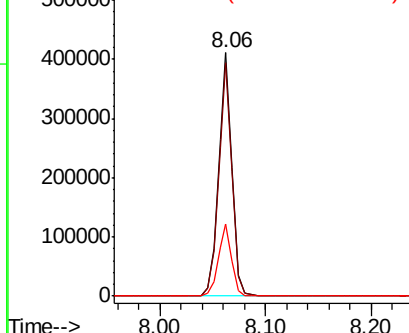


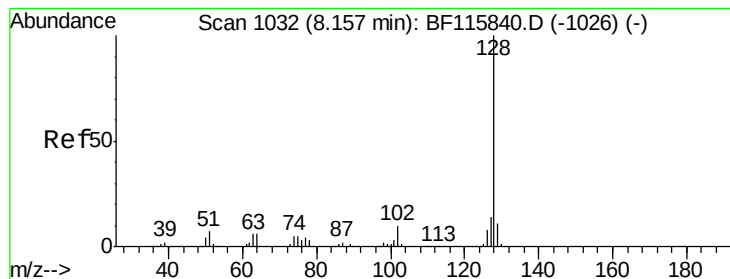
#30
 1,2,4-Trichlorobenzene
 Concen: 39.834 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.7	113.5
145	29.6	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: 40.917 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

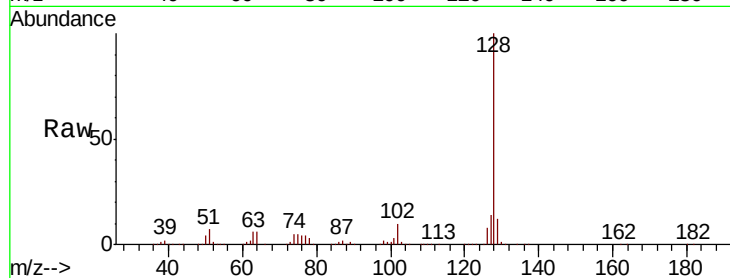
Tot Ion:128 Resp: 1111096

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

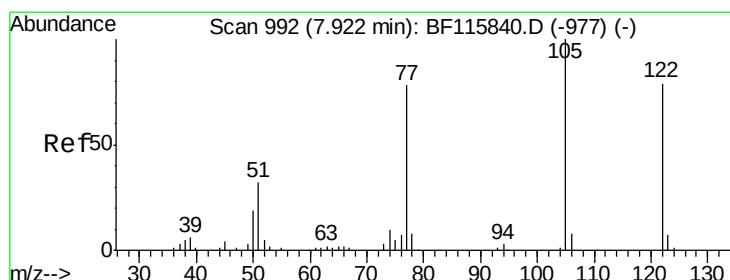
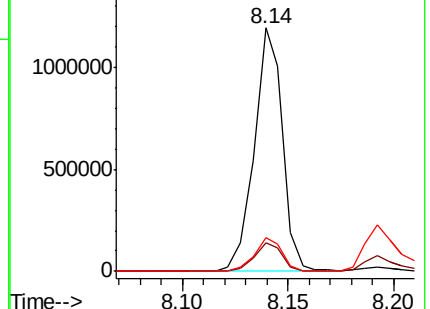
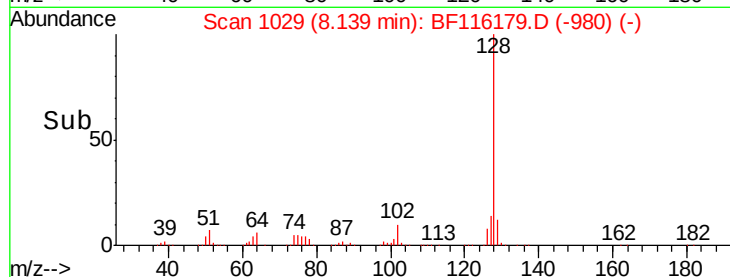
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.252 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

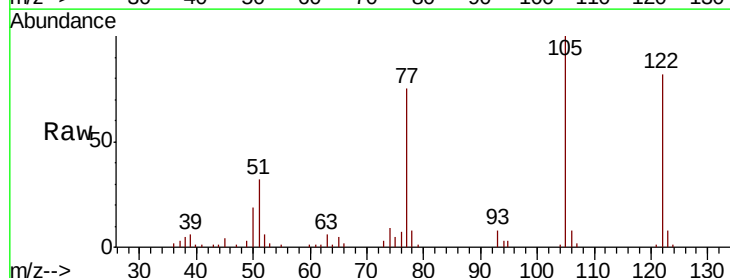
Tgt Ion:122 Resp: 60728

Ion Ratio Lower Upper

122 100

105 121.5 106.1 146.1

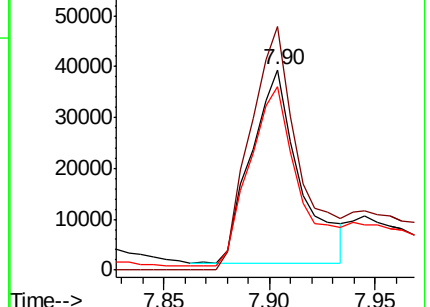
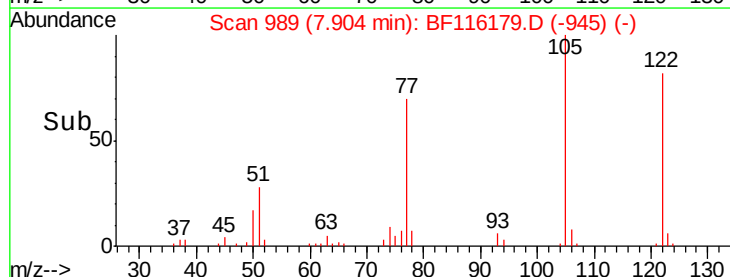
77 91.7 76.7 116.7

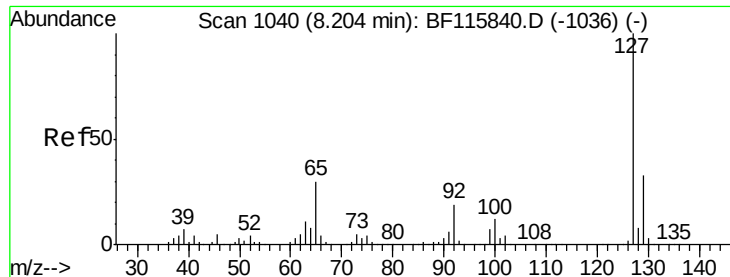


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

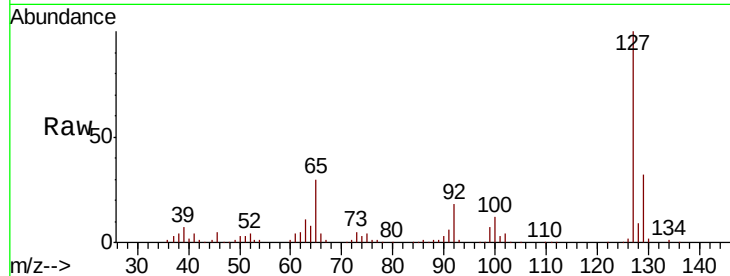




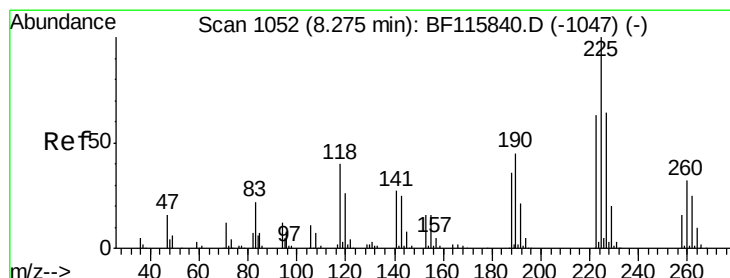
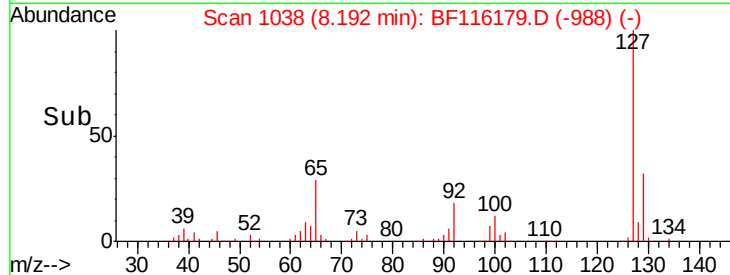
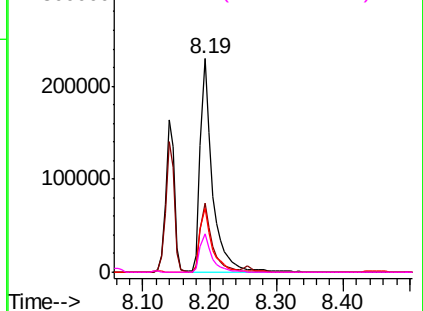
#33
4-Chloroaniline
Concen: 23.197 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	281454
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.2	24.9	37.3
92	18.3	15.7	23.5

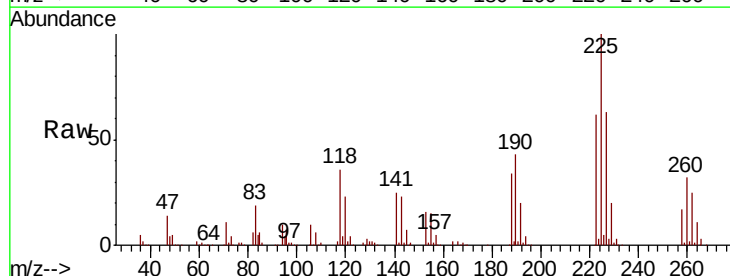


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

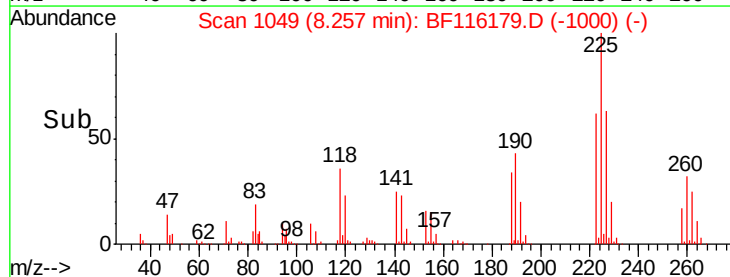
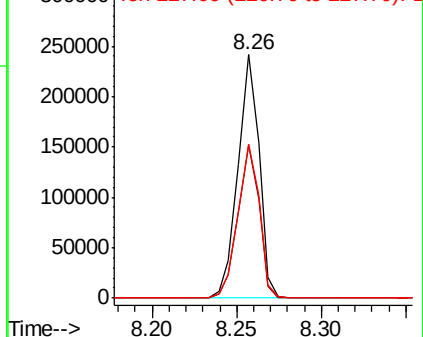


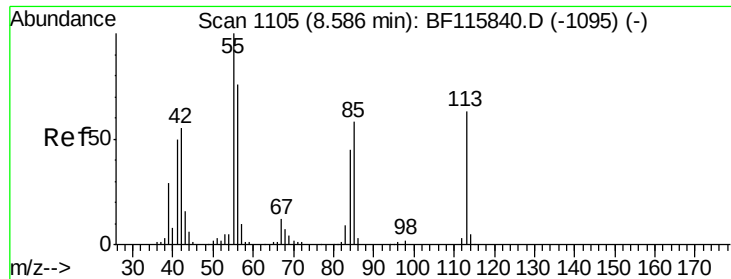
#34
Hexachlorobutadiene
Concen: 39.794 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:	225	Resp:	211190
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	63.0	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

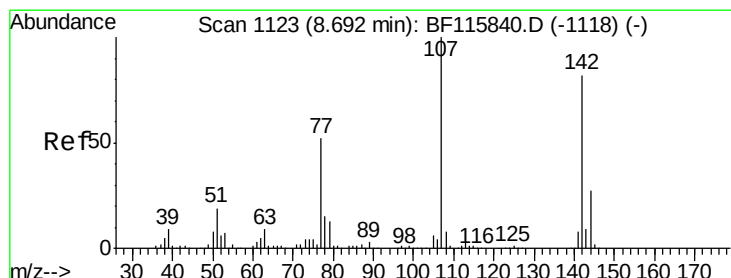
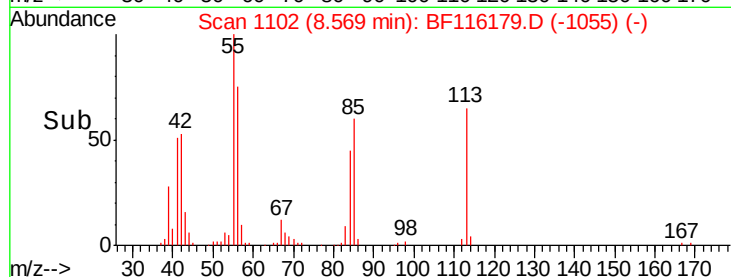
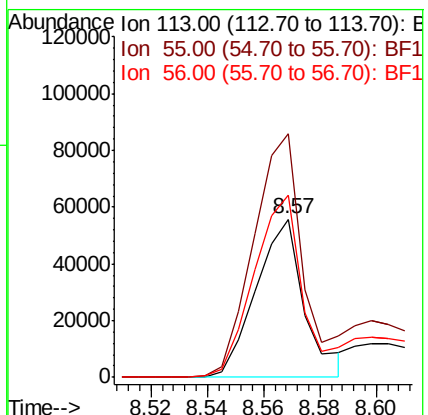
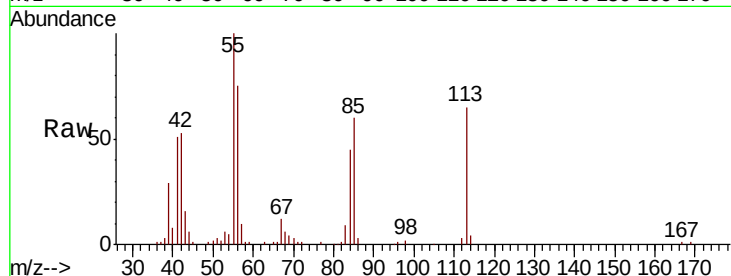




#35
Caprolactam
Concen: 25.204 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

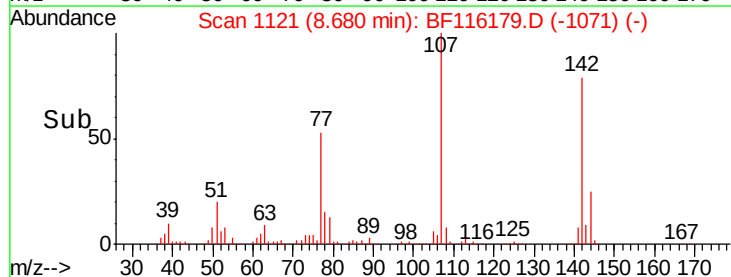
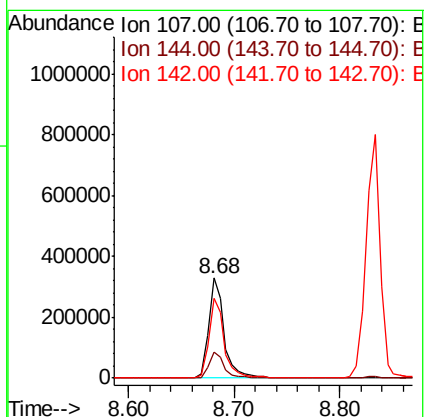
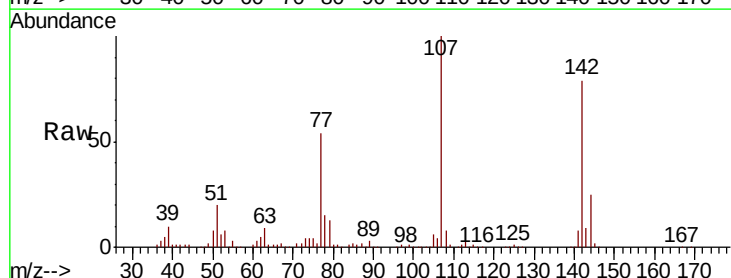
Instrument :
BNA_F
ClientSampled :

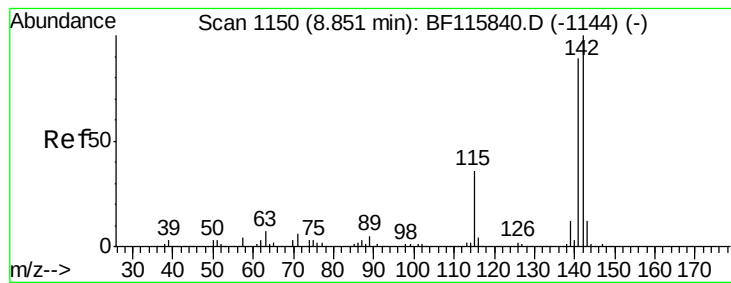
Tot Ion:113 Resp: 65888
Ion Ratio Lower Upper
113 100
55 154.1 144.3 184.3
56 115.4 97.1 137.1



#36
4-Chloro-3-methylphenol
Concen: 40.233 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:107 Resp: 338309
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.2
142 79.4 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.806 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

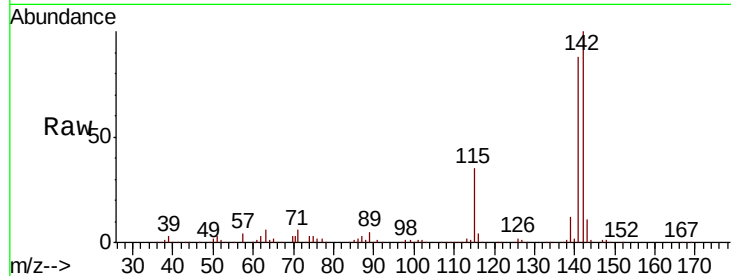
Tot Ion:142 Resp: 729773

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

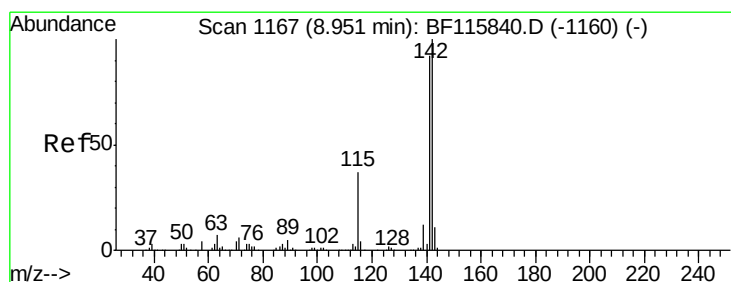
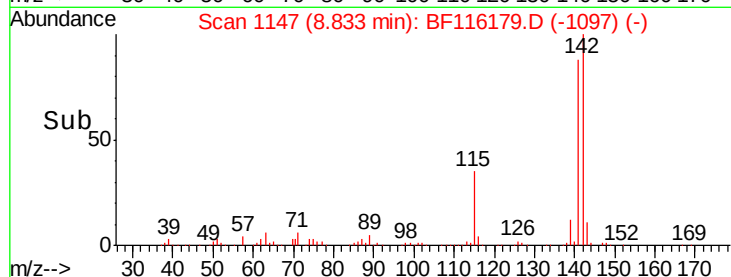
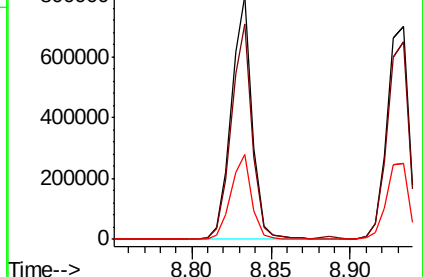
115 34.7 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.717 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

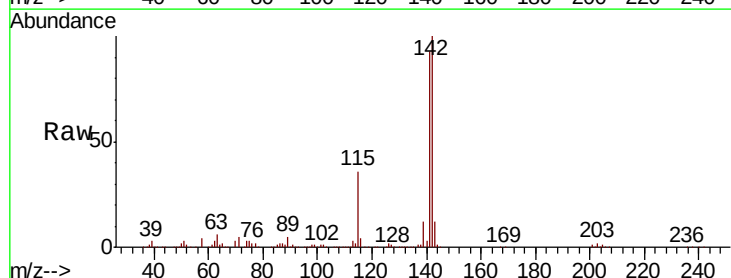
Tgt Ion:142 Resp: 671975

Ion Ratio Lower Upper

142 100

141 92.7 74.4 111.6

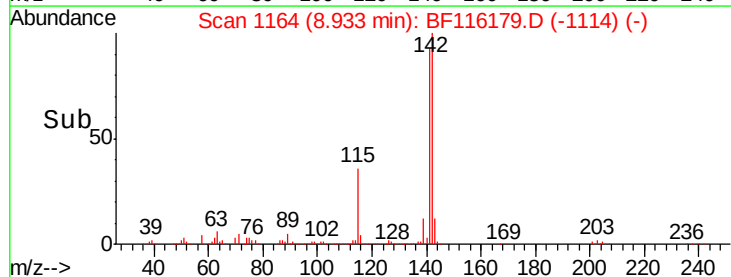
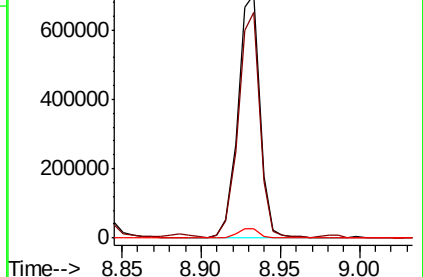
116 3.7 3.1 4.7

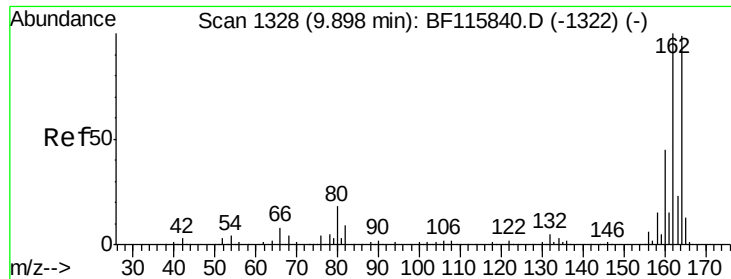


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

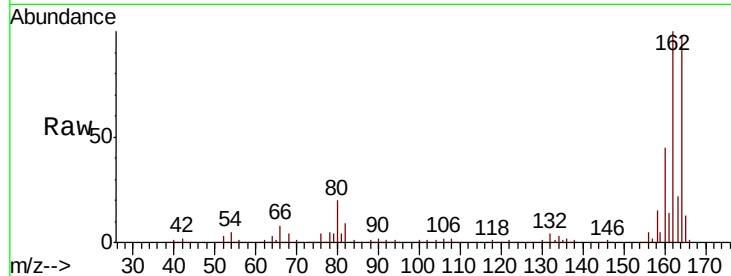




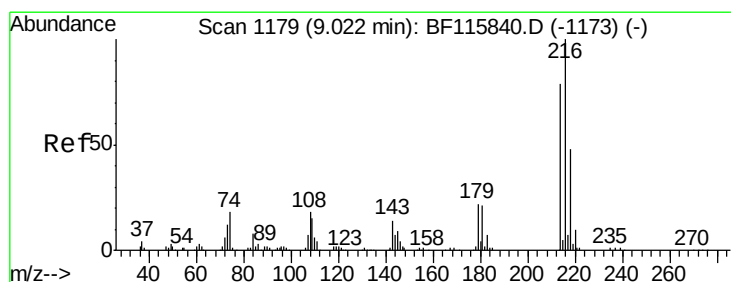
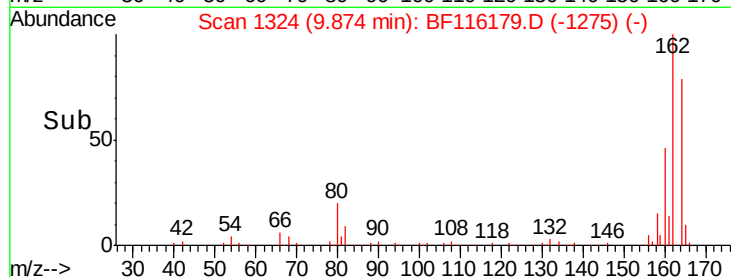
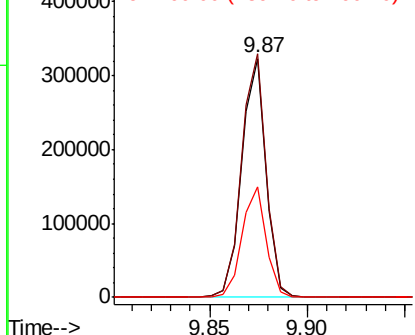
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 278339
Ion Ratio Lower Upper
164 100
162 102.0 82.6 124.0
160 46.0 37.6 56.4

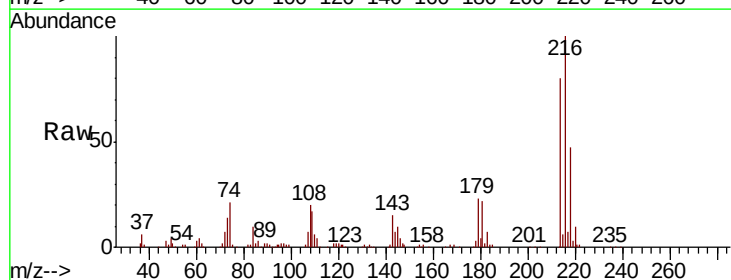


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

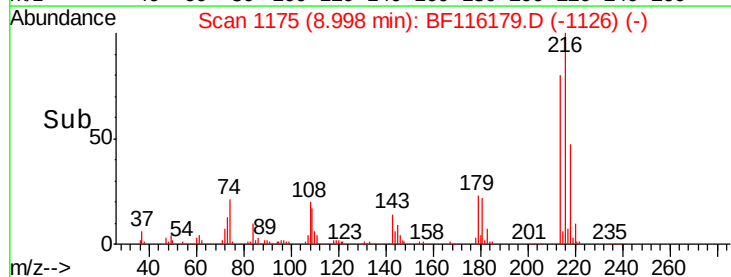
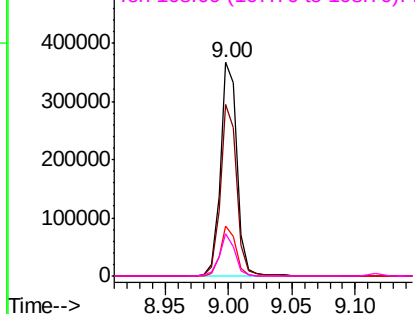


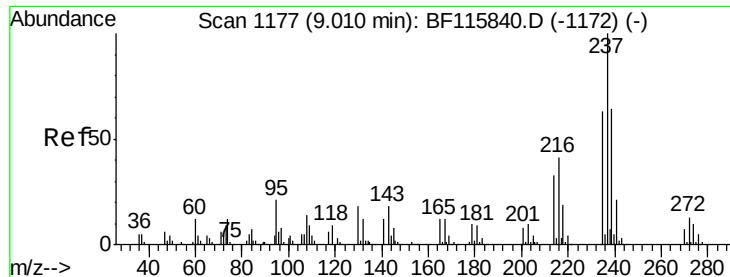
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.200 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:216 Resp: 336339
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 22.2 17.8 26.8
108 19.0 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

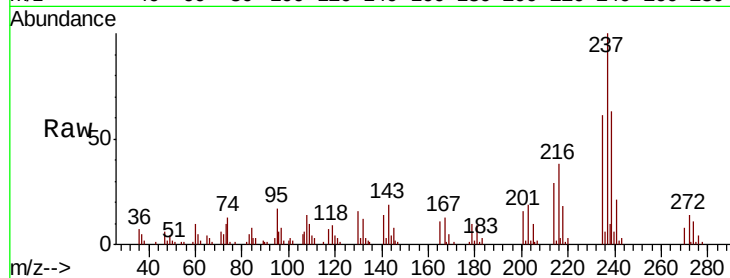




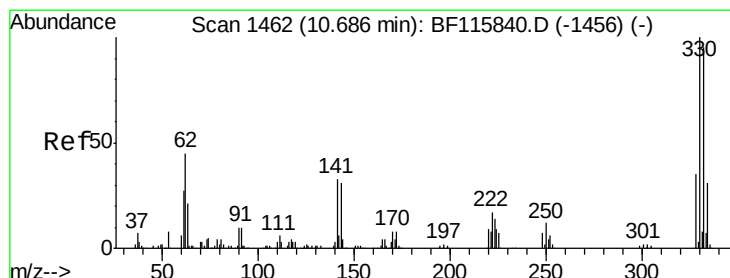
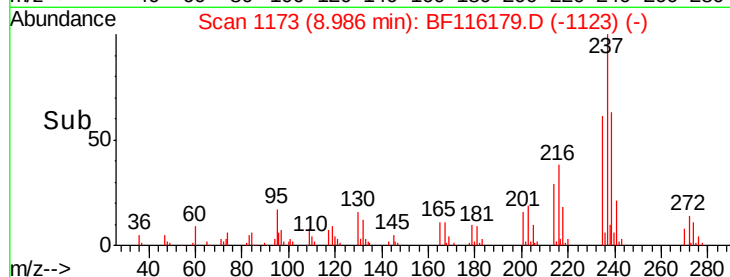
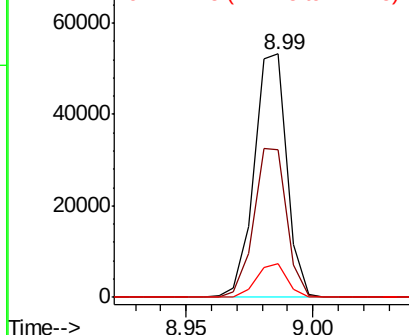
#41
Hexachlorocyclopentadiene
Concen: 19.177 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 47818
Ion Ratio Lower Upper
237 100
235 60.5 43.4 83.4
272 14.0 0.0 33.2

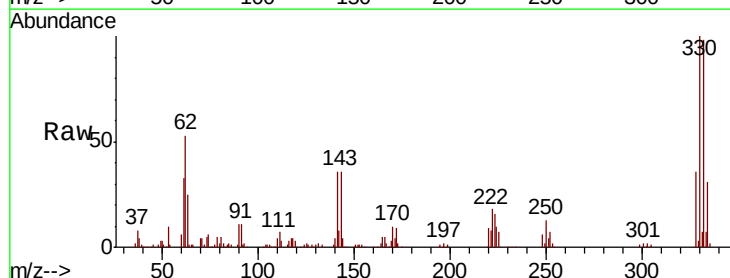


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

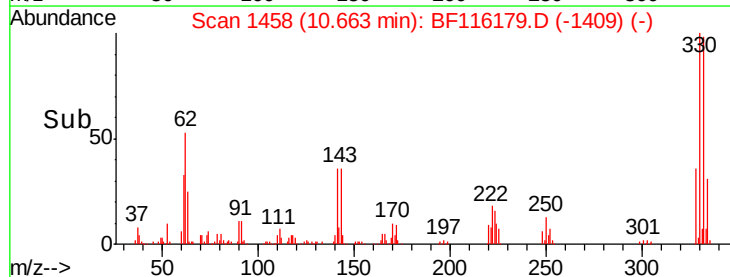
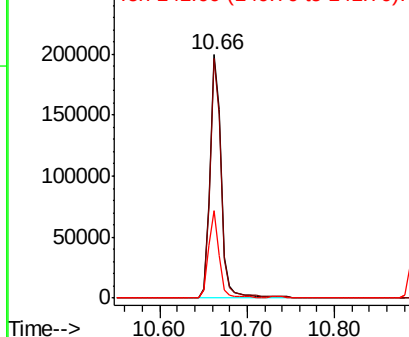


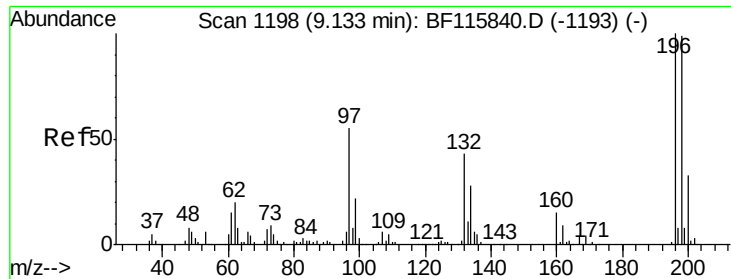
#42
2,4,6-Tribromophenol
Concen: 66.961 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:330 Resp: 180699
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 33.9 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

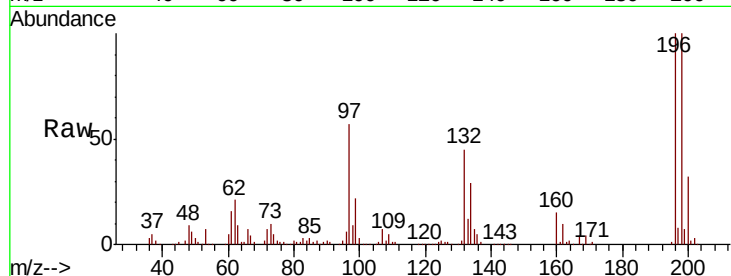




#43
 2,4,6-Trichlorophenol
 Concen: 40.069 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	205226
Ion Ratio	Lower	Upper	
196	100		
198	100.0	79.2	118.8
200	32.1	25.2	37.8

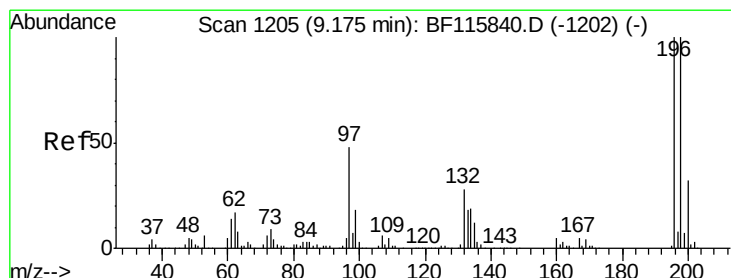
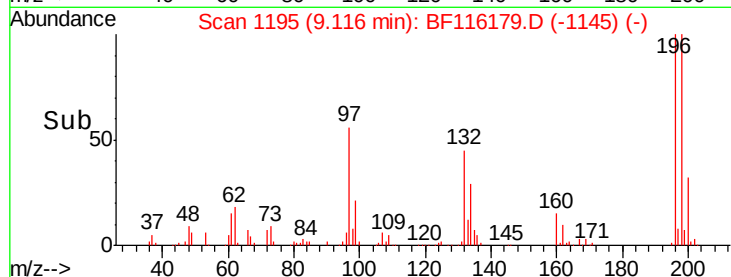
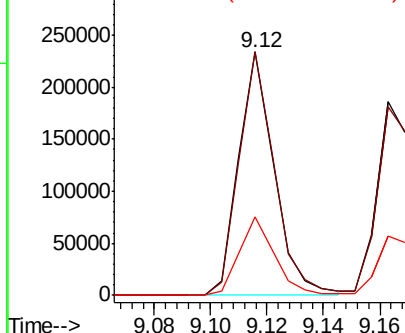


Abundance

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: 40.773 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	196	Resp	215872
Ion Ratio	Lower	Upper	
196	100		
198	97.2	78.8	118.2
97	51.7	42.2	63.4
132	29.3	24.0	36.0

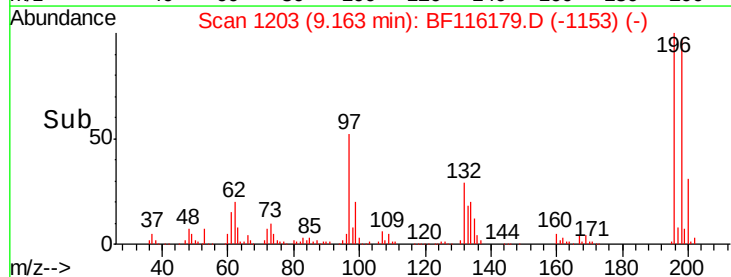
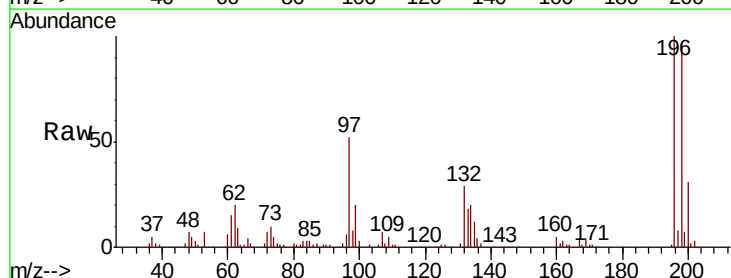
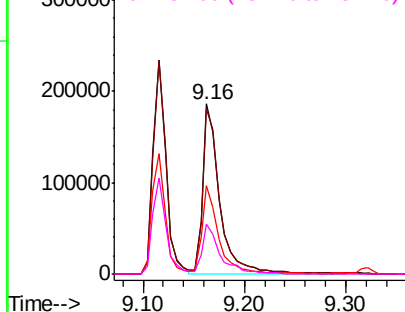
Abundance

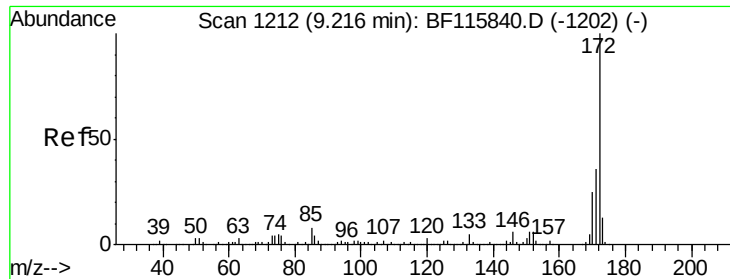
Ion 196.00 (195.70 to 196.70): E

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

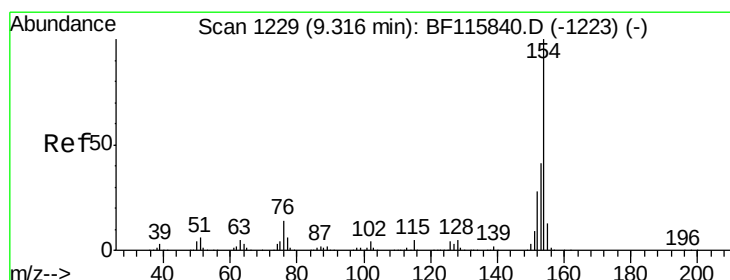
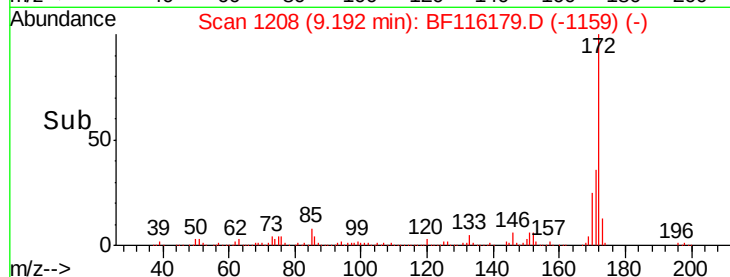
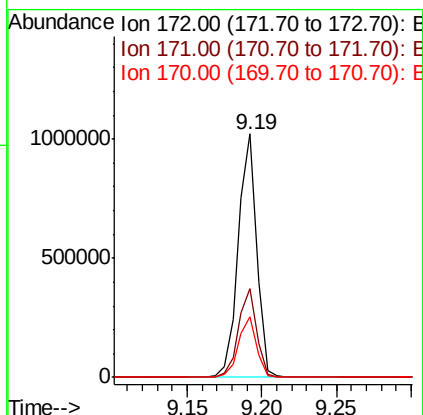
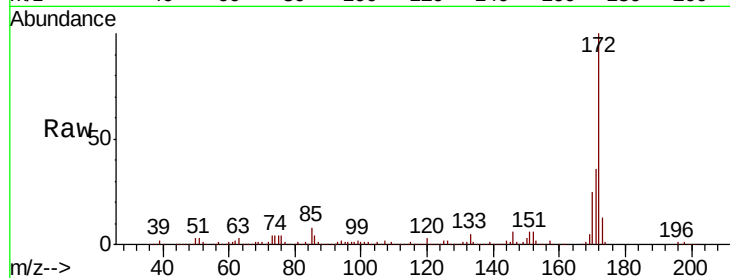




#45
2-Fluorobiphenyl
Concen: 59.867 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

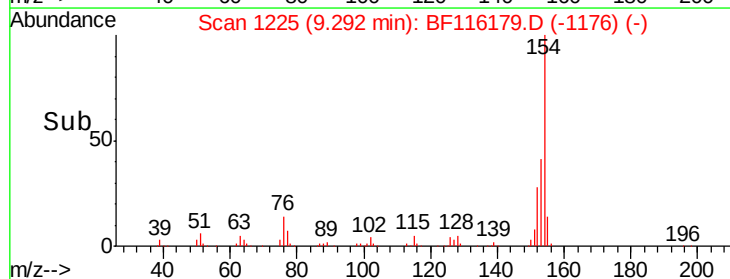
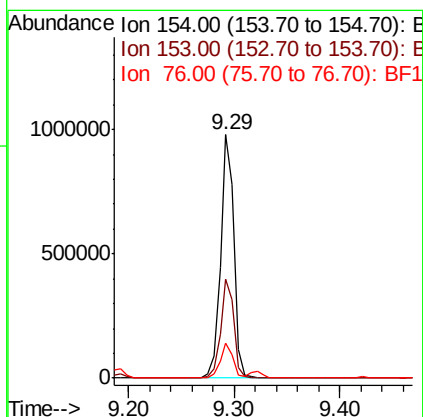
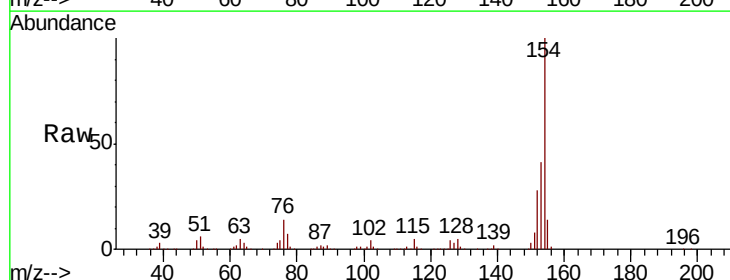
Instrument :
BNA_F
ClientSampleId :

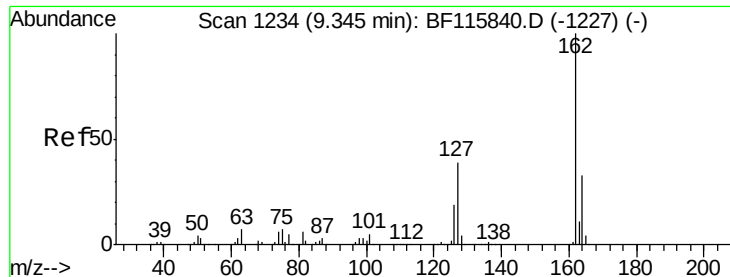
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.8	20.1	30.1



#46
1,1'-Biphenyl
Concen: 44.265 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	14.1	0.0	35.2

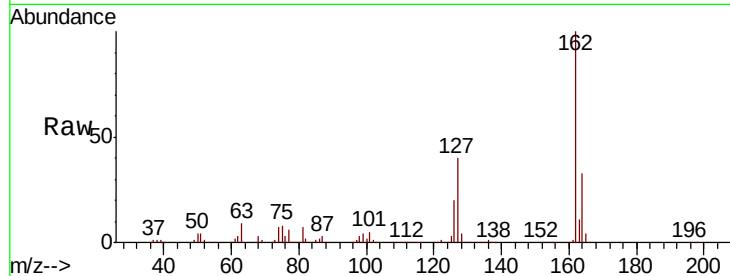




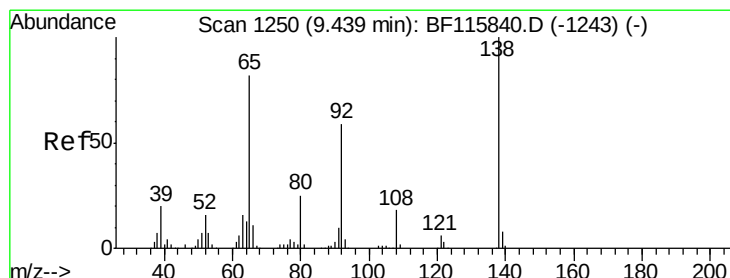
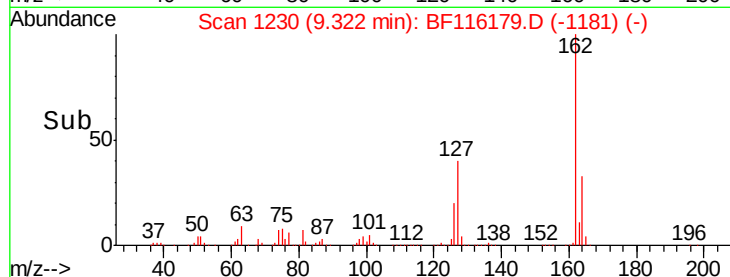
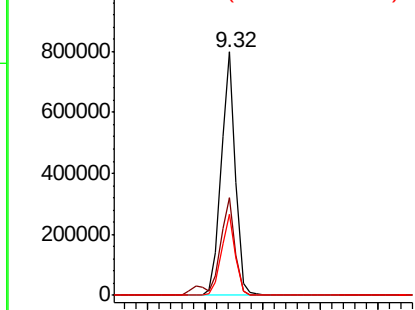
#47
2-Chloronaphthalene
Concen: 41.425 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.8	49.2
164	33.2	26.6	39.8

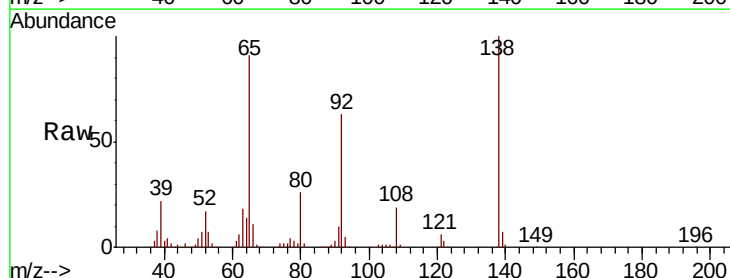


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

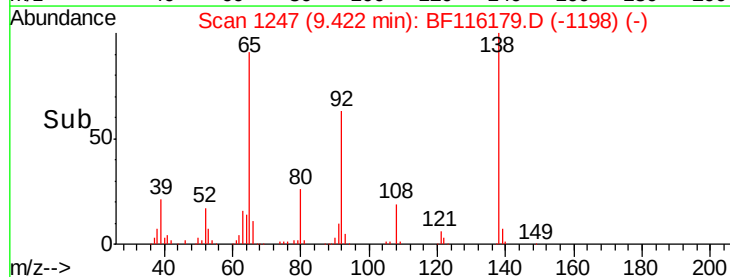
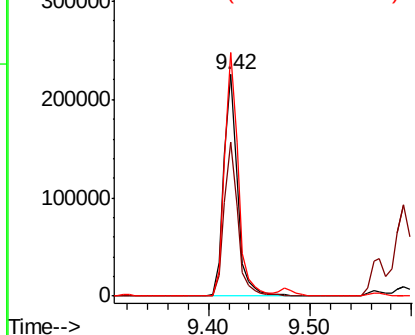


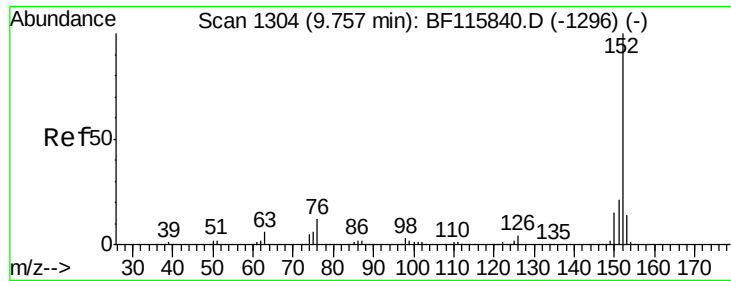
#48
2-Nitroaniline
Concen: 39.201 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	57.8	86.8
138	109.9	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: 41.066 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampled :

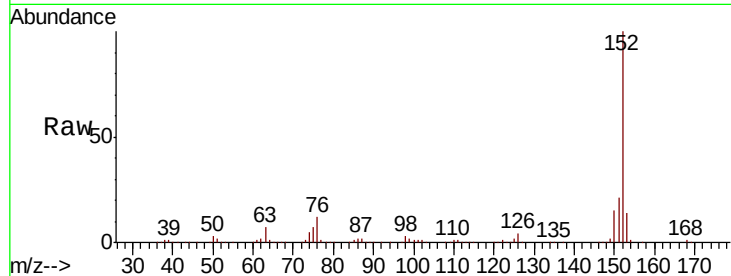
Tot Ion:152 Resp: 979857

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

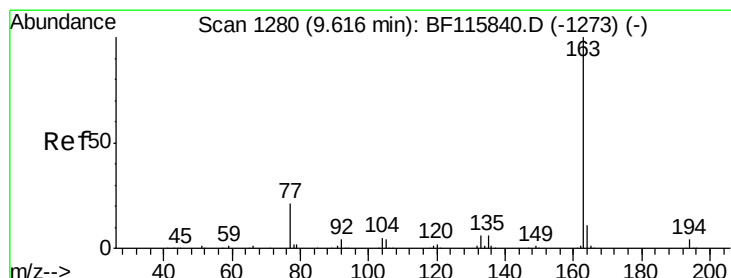
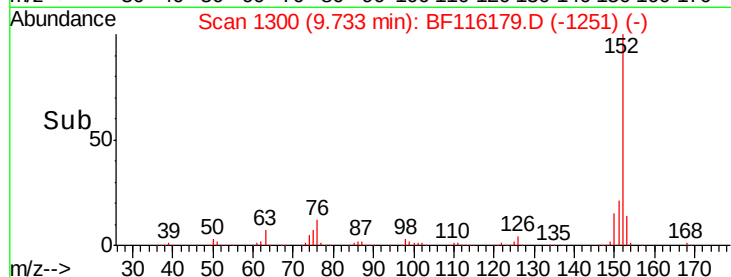
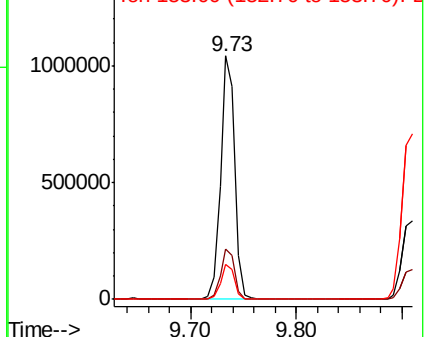
153 14.4 11.8 17.8



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: 51.689 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

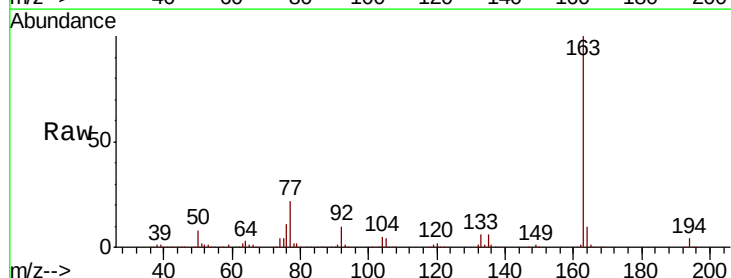
Tgt Ion:163 Resp: 979597

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

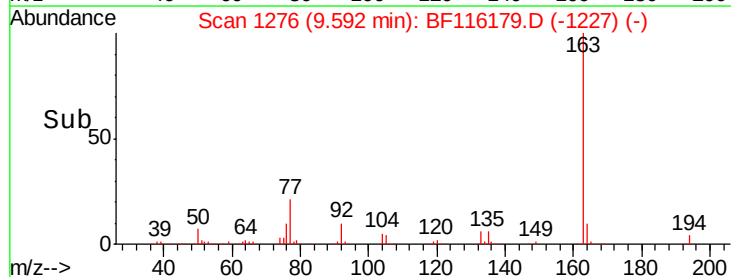
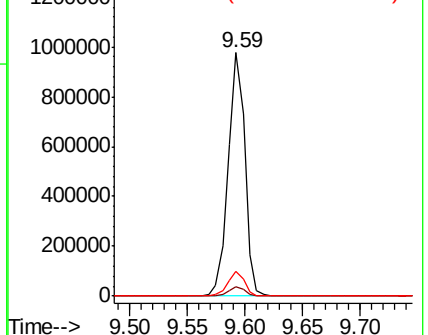
164 10.4 8.4 12.6

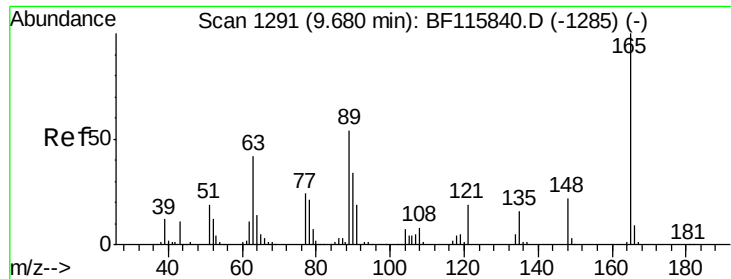


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

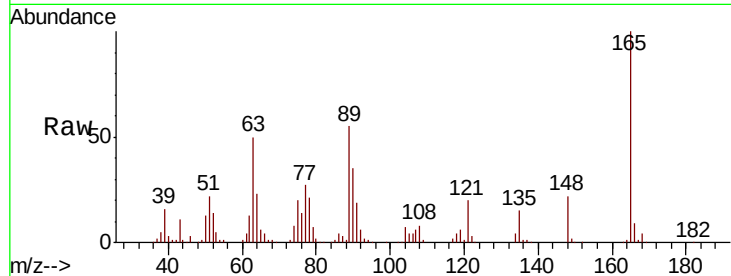




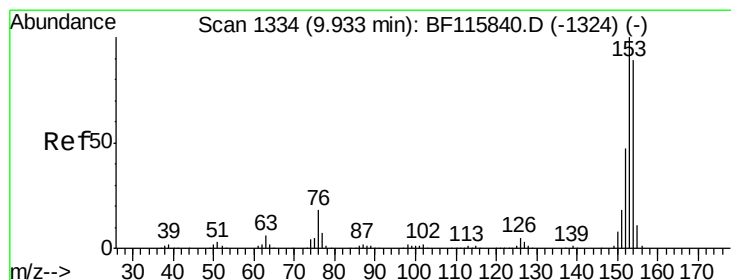
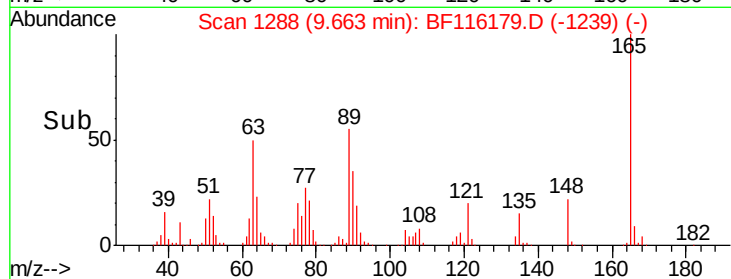
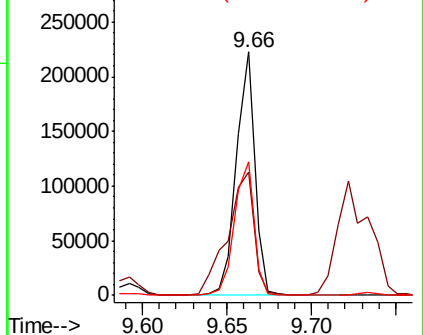
#51
 2,6-Dinitrotoluene
 Concen: 41.079 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	38.2	57.2
89	55.0	42.9	64.3

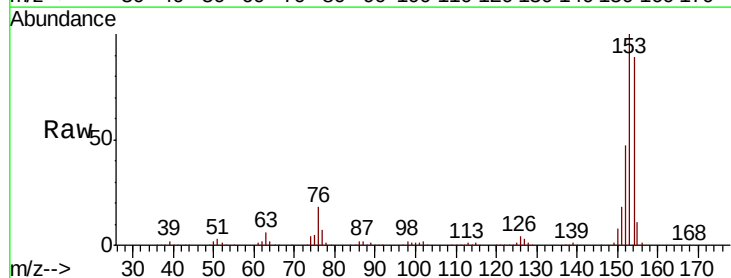


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

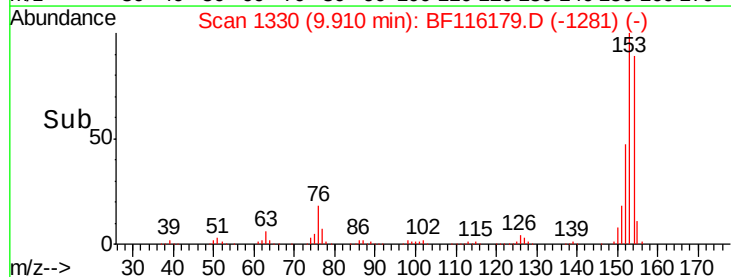
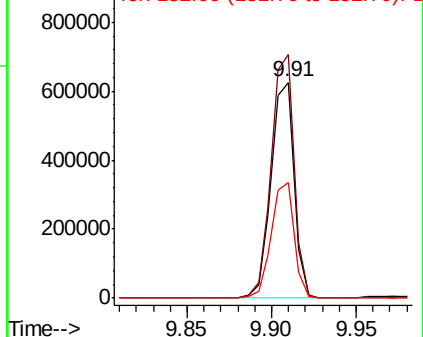


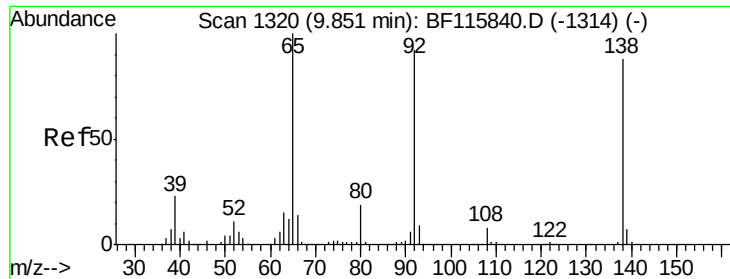
#52
 Acenaphthene
 Concen: 39.900 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.0
152	53.4	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

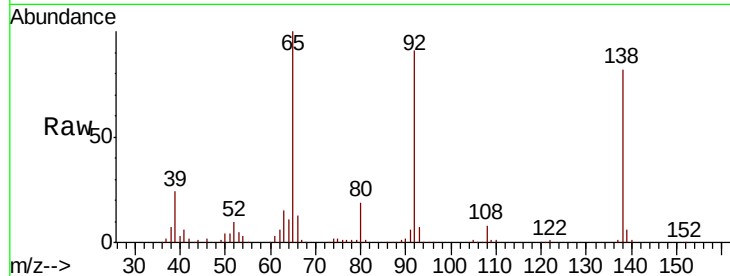




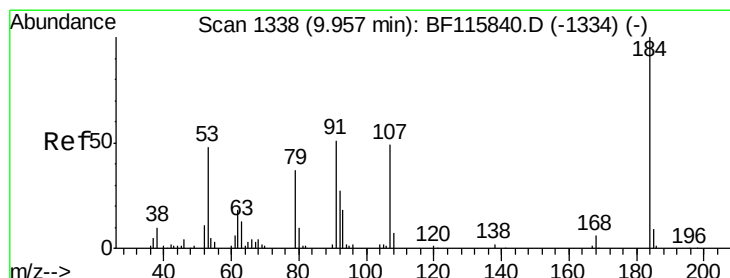
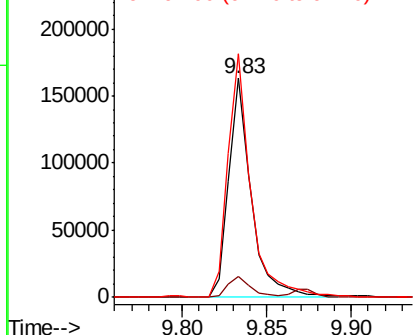
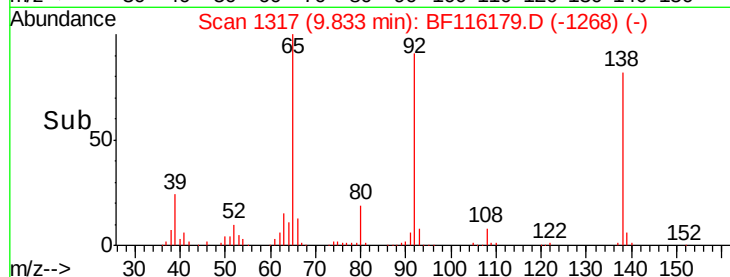
#53
 3-Nitroaniline
 Concen: 29.796 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 151633
 Ion Ratio Lower Upper
 138 100
 108 9.3 8.0 12.0
 92 111.2 91.0 136.6

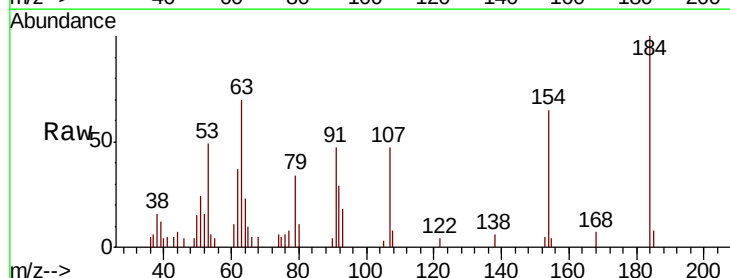


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

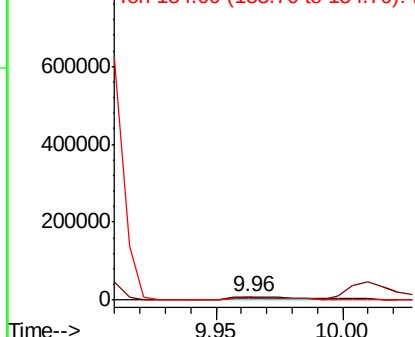
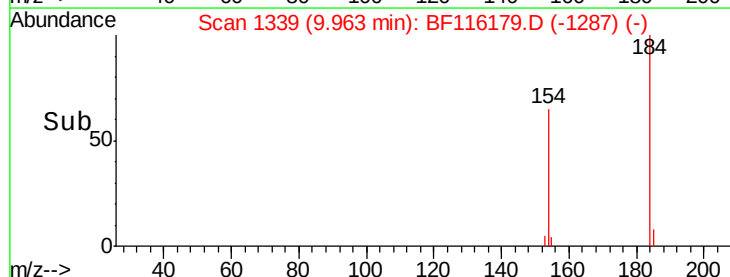


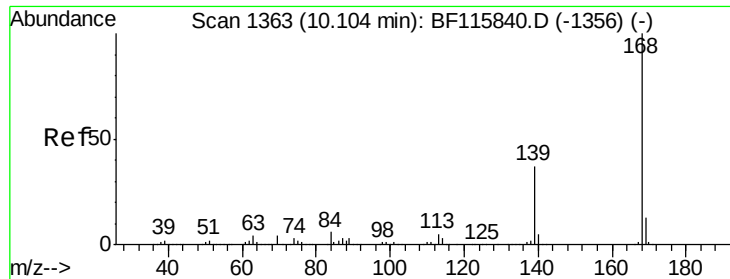
#54
 2,4-Dinitrophenol
 Concen: 14.766 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion:184 Resp: 16143
 Ion Ratio Lower Upper
 184 100
 63 70.2 53.0 79.4
 154 64.9 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

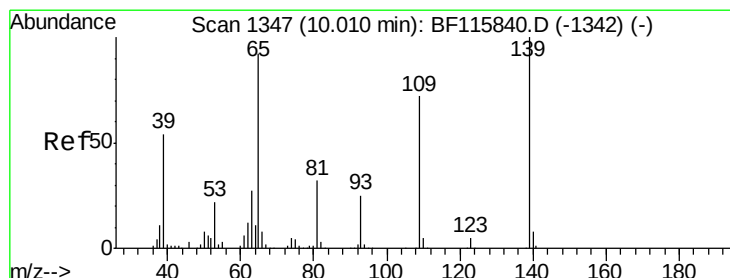
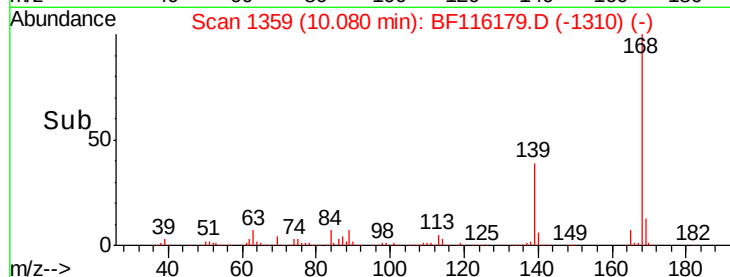
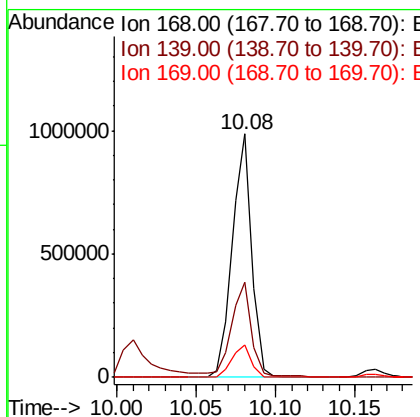
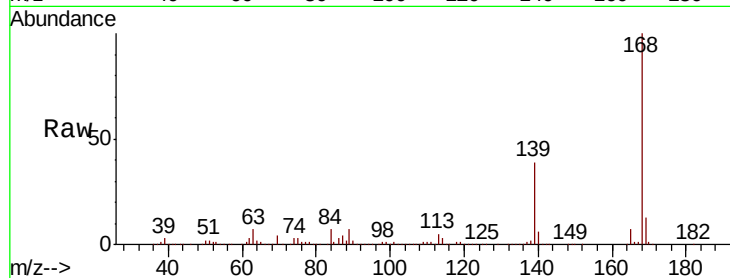




#55
Dibenzofuran
Concen: 39.302 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

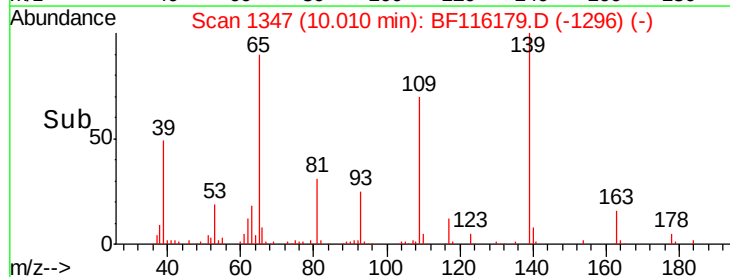
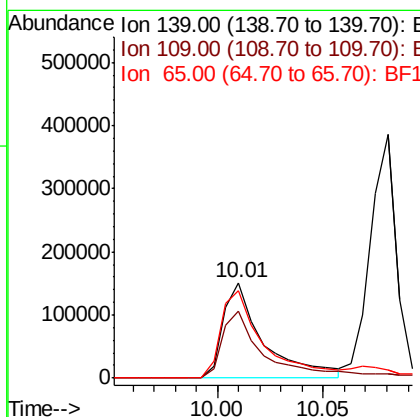
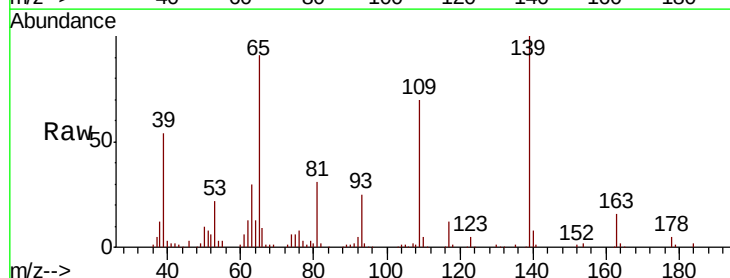
Instrument :
BNA_F
ClientSampleId :

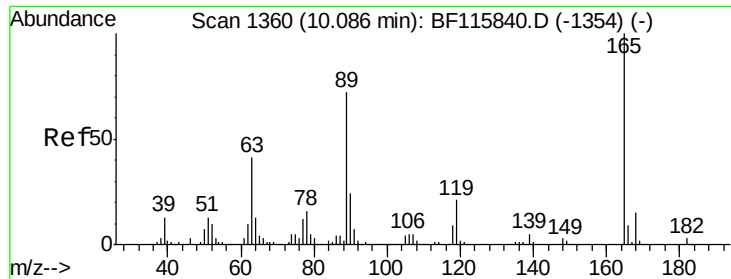
Tot Ion:168 Resp: 836651
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 61.079 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:139 Resp: 199117
Ion Ratio Lower Upper
139 100
109 69.5 54.4 94.4
65 90.9 80.6 120.6

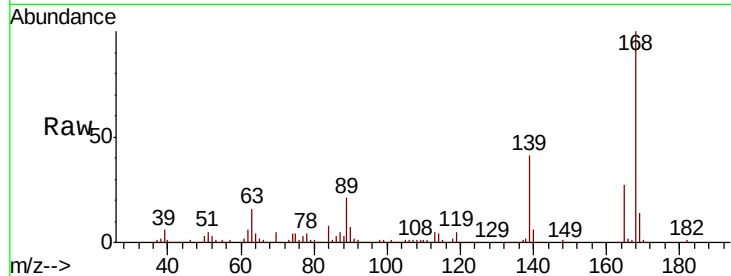




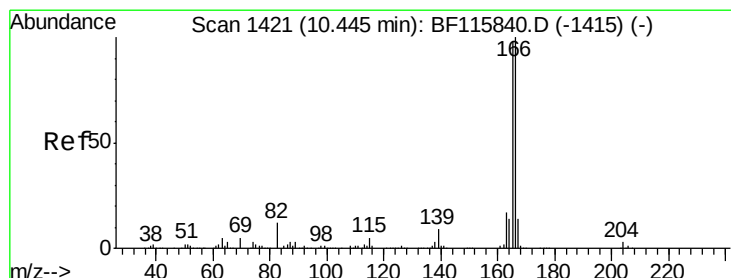
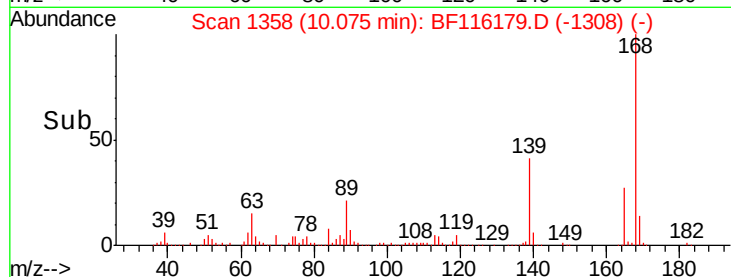
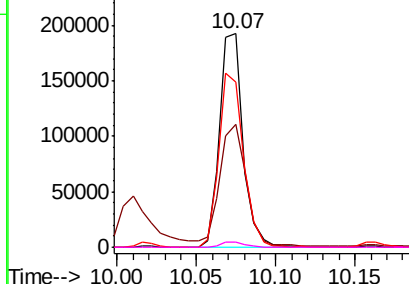
#57
2,4-Dinitrotoluene
Concen: 35.891 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	39.6	59.4
89	77.5	62.2	93.2
182	2.5	2.1	3.1

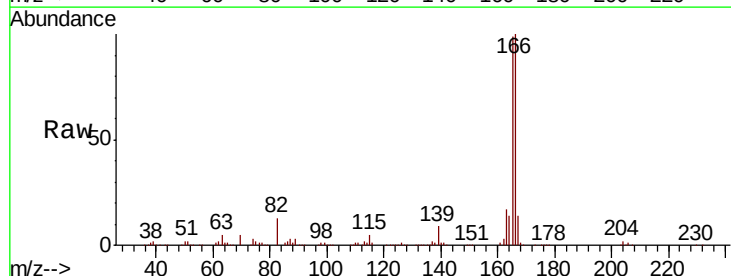


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

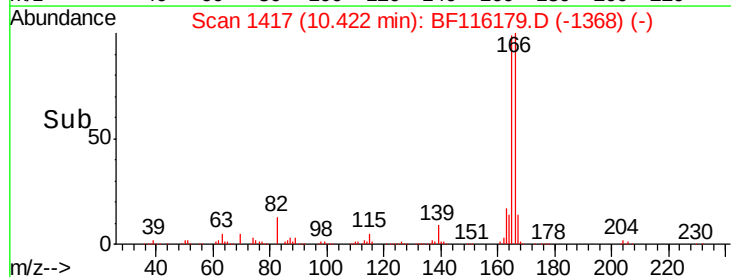
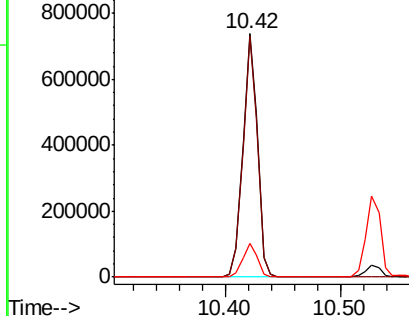


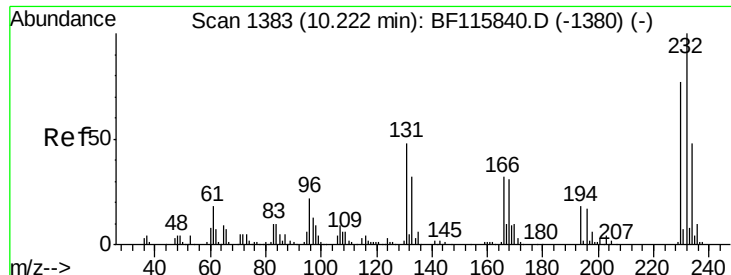
#58
Fluorene
Concen: 39.391 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.4	117.6
167	13.6	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

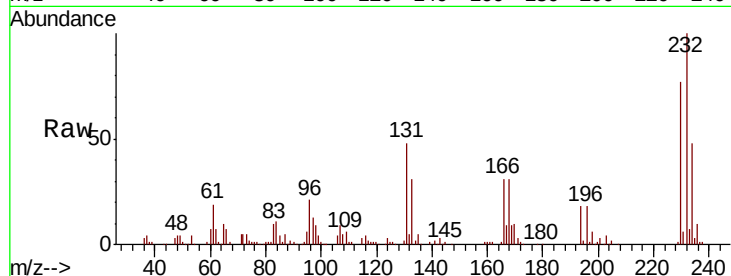




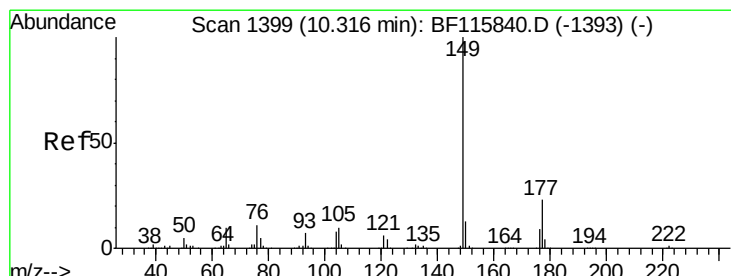
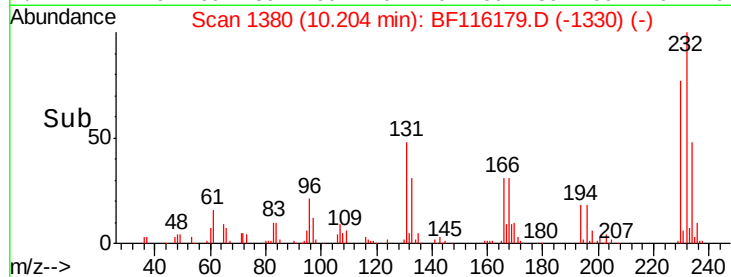
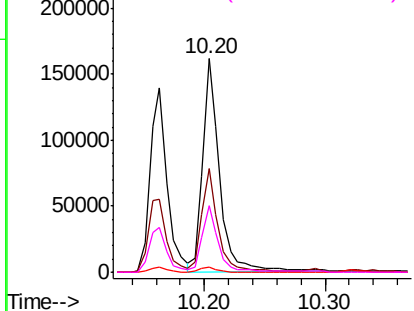
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.871 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	155326
Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.2	54.2
130	2.4	1.9	2.9
166	29.4	23.0	34.4

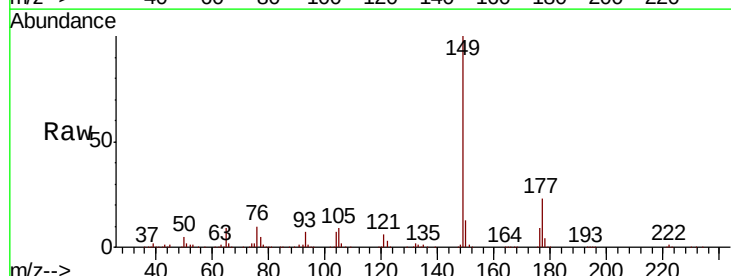


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

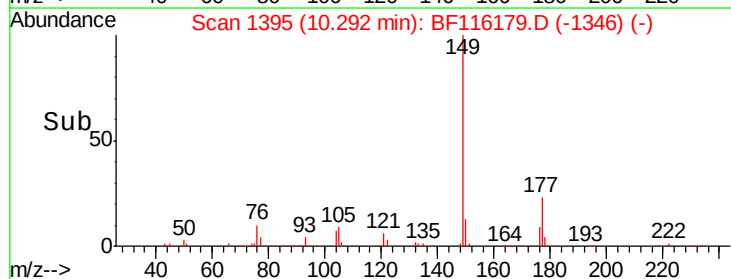
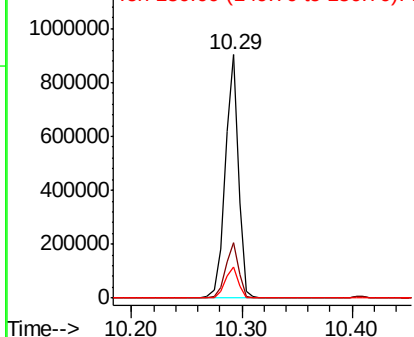


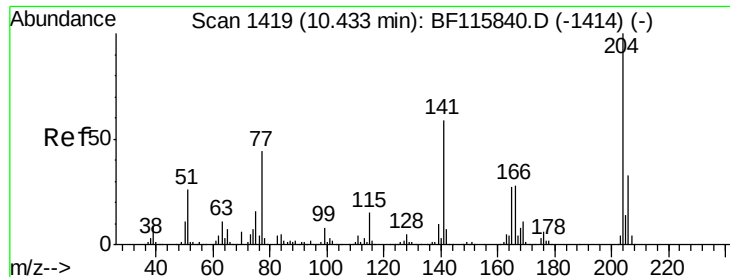
#60
 Diethylphthalate
 Concen: 42.600 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion:	149	Resp:	753768
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.7	10.2	15.4



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

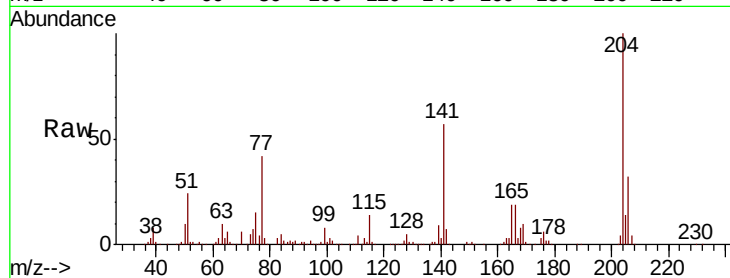




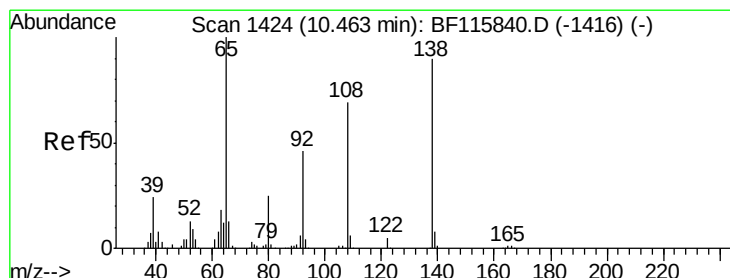
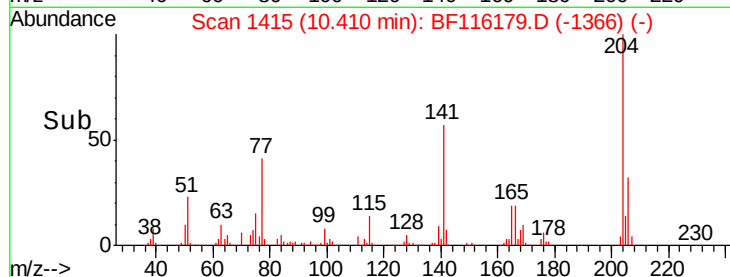
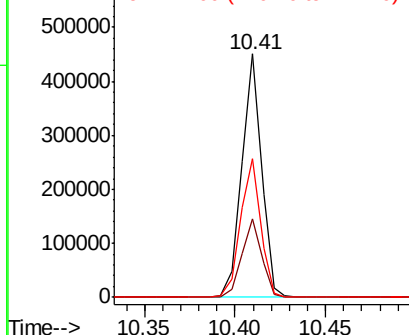
#61
4-Chlorophenyl-phenylether
Concen: 41.198 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 341726
Ion Ratio Lower Upper
204 100
206 32.2 26.4 39.6
141 56.9 46.4 69.6

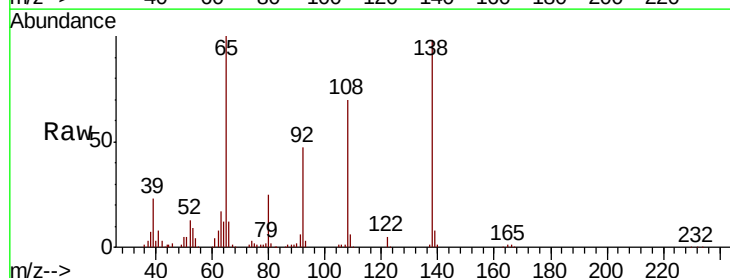


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

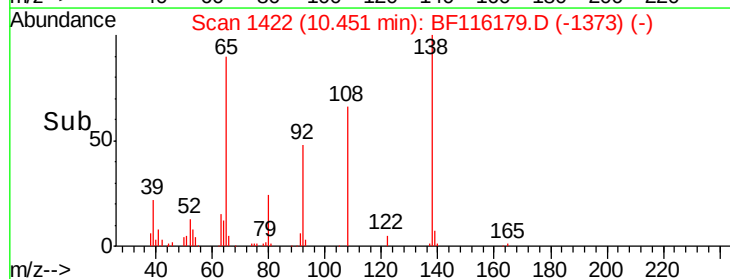
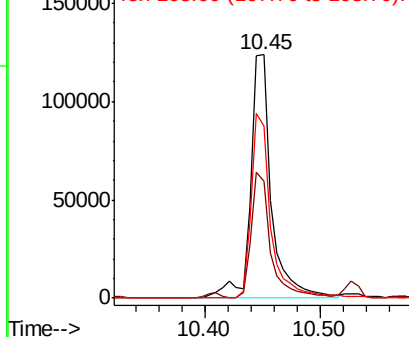


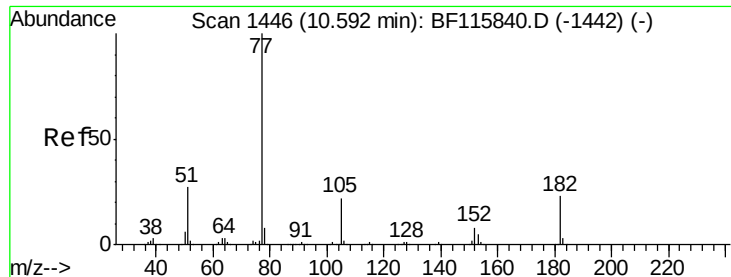
#62
4-Nitroaniline
Concen: 29.633 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:138 Resp: 155847
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 70.7 54.7 94.7



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





#63

Azobenzene

Concen: 39.652 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 721627

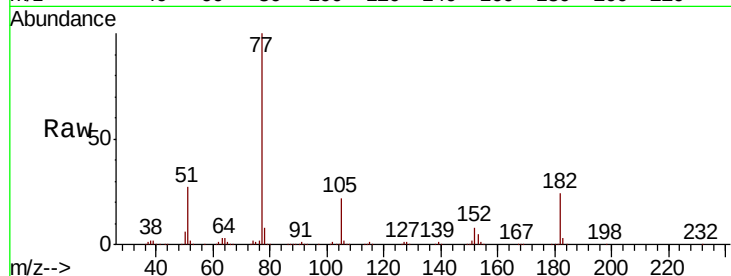
Ion Ratio Lower Upper

77 100

182 23.7 4.0 44.0

105 21.8 2.0 42.0

51 26.7 7.5 47.5

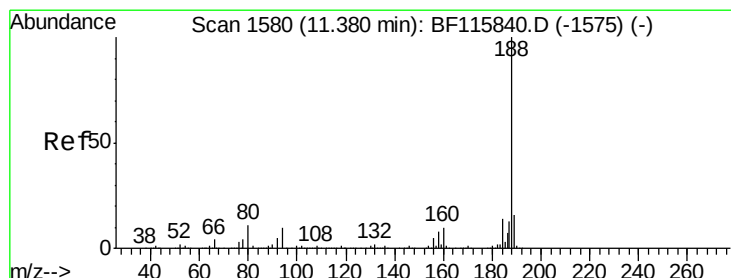
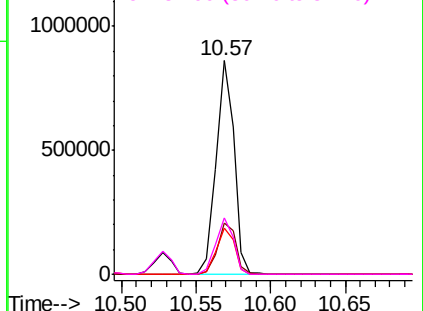
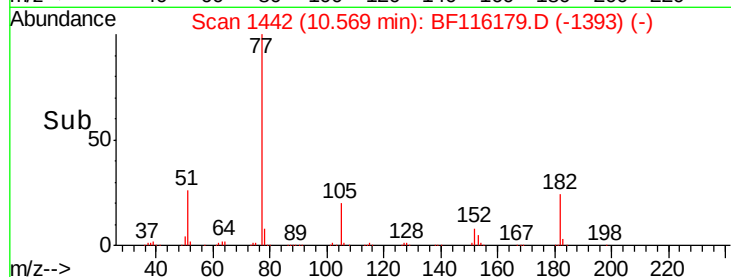


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF116179.D

Acq: 11 Aug 2019 6:44

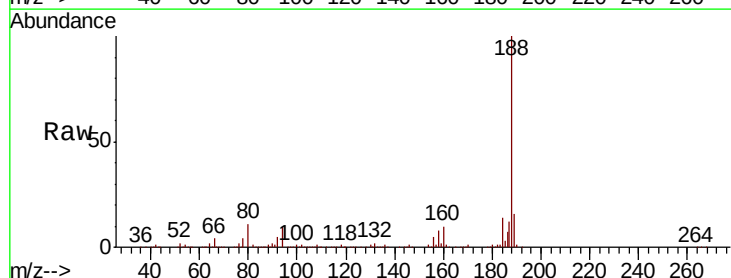
Tgt Ion: 188 Resp: 385894

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

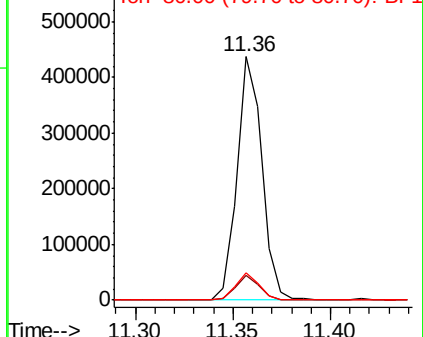
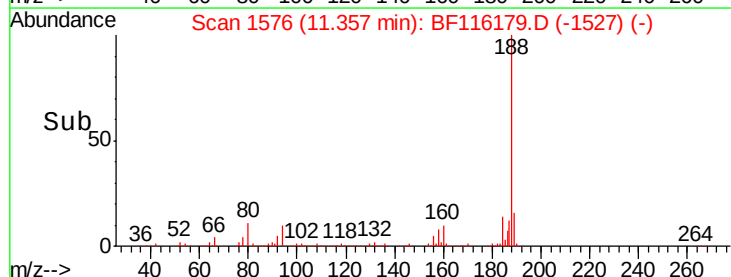
80 11.2 8.7 13.1

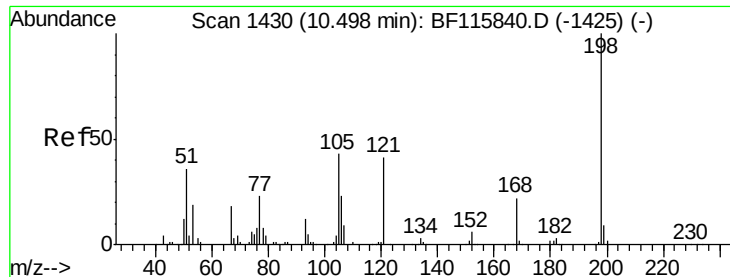


Abundance Ion 188.00 (187.70 to 188.70): E

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: 11.423 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

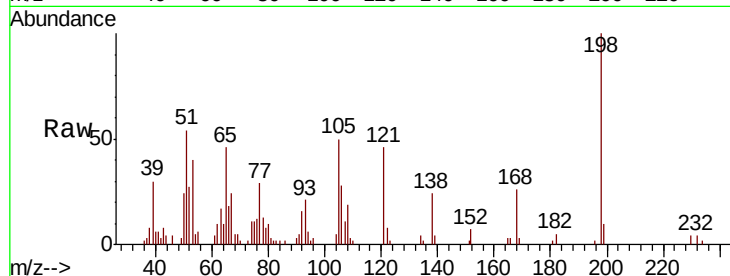
Tot Ion:198 Resp: 23359

Ion Ratio Lower Upper

198 100

51 53.8 17.0 57.0

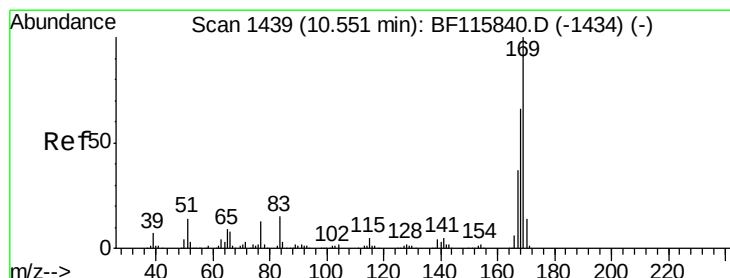
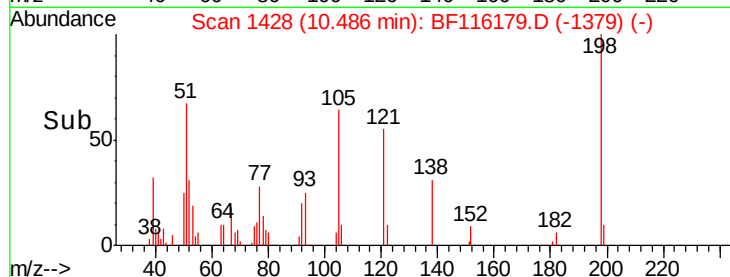
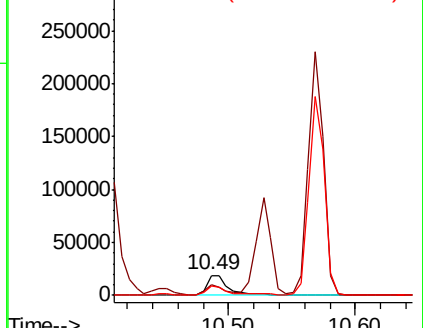
105 49.6 21.6 61.6



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: 50.281 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

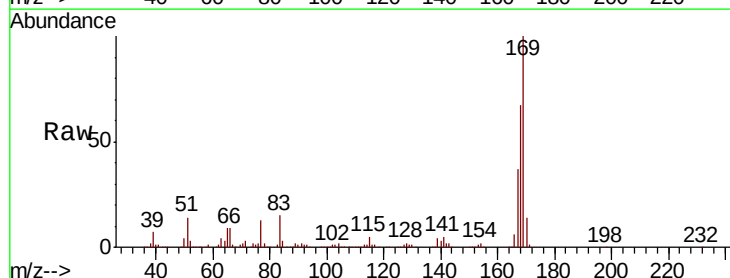
Tgt Ion:169 Resp: 584020

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

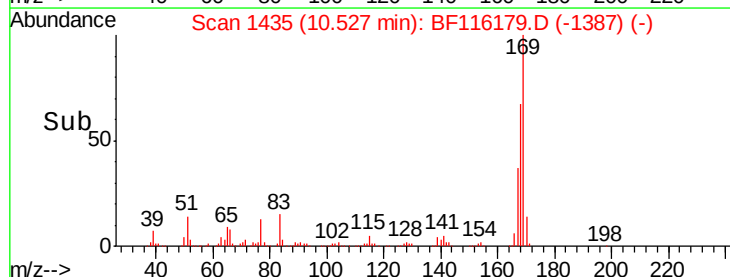
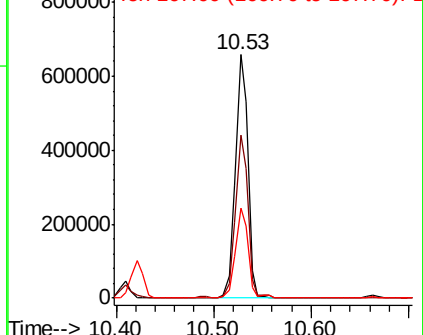
167 37.2 29.6 44.4

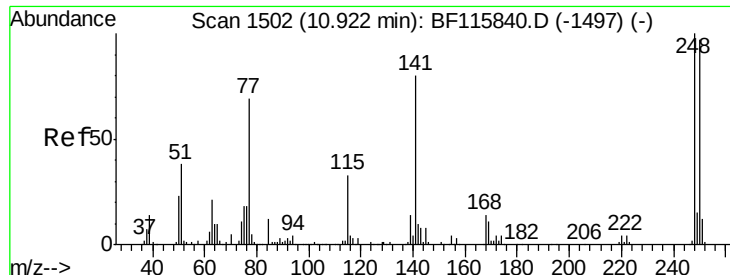


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

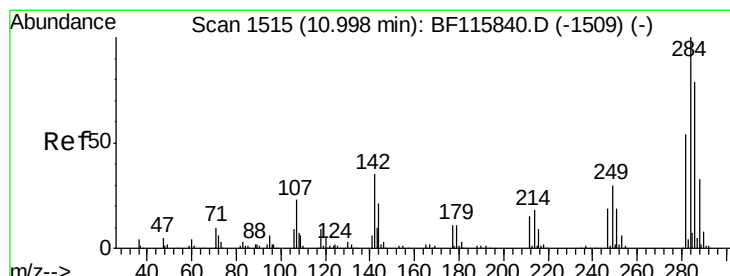
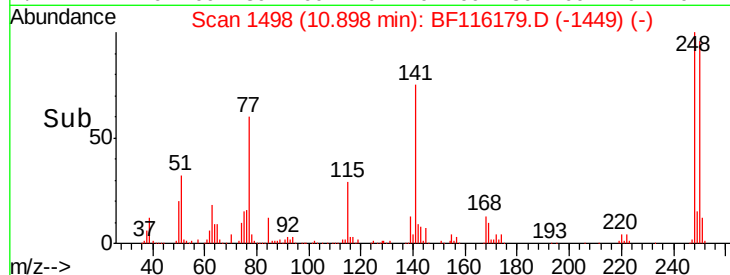
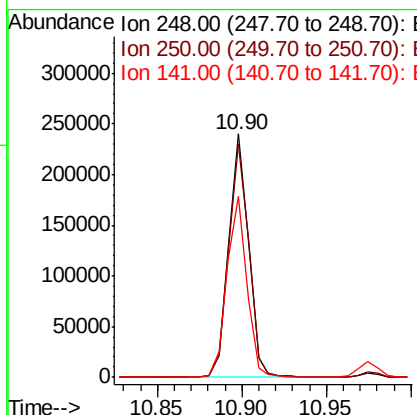
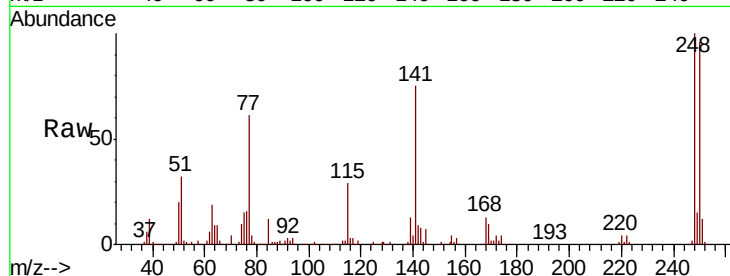




#67
 4-Bromophenyl-phenylether
 Concen: 47.140 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

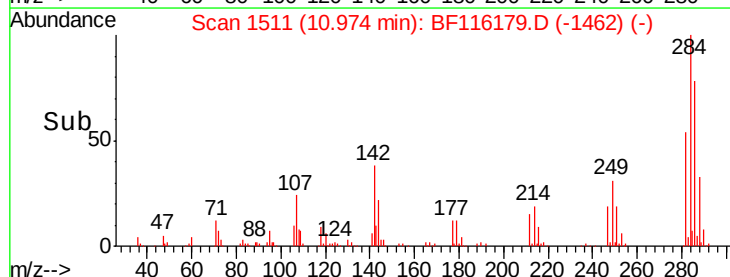
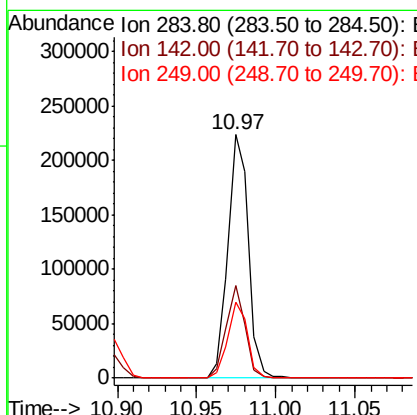
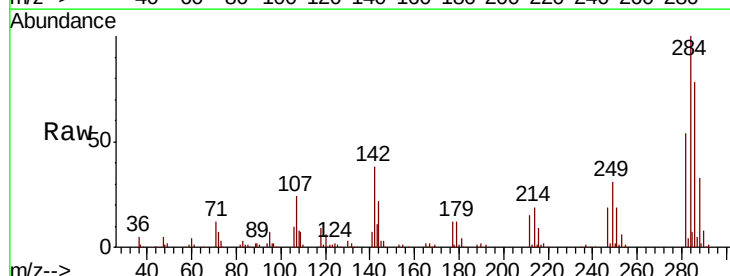
Instrument :
 BNA_F
 ClientSampleId :

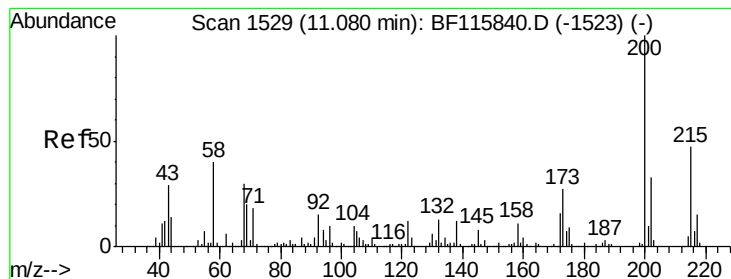
Tot Ion:248 Resp: 194734
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.2
 141 74.5 56.8 85.2



#68
 Hexachlorobenzene
 Concen: 42.008 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion:284 Resp: 200664
 Ion Ratio Lower Upper
 284 100
 142 37.9 28.4 42.6
 249 31.2 24.5 36.7





#69

Atrazine

Concen: 45.847 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

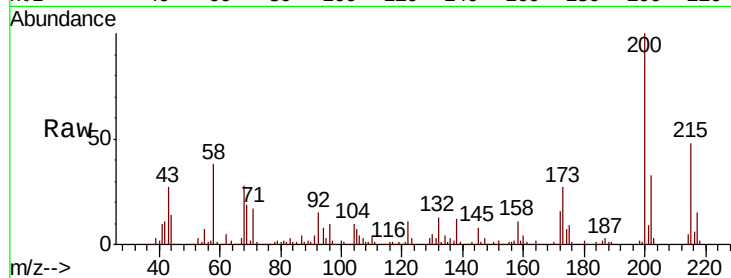
Tot Ion:200 Resp: 175186

Ion Ratio Lower Upper

200 100

173 27.4 6.8 46.8

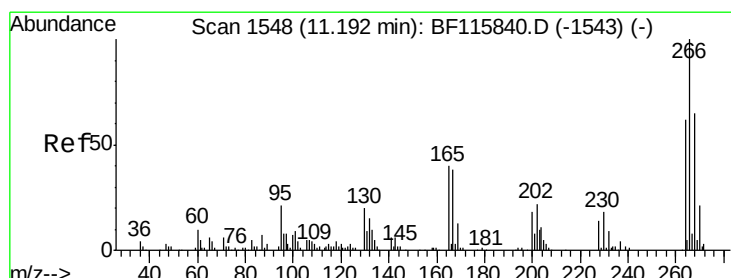
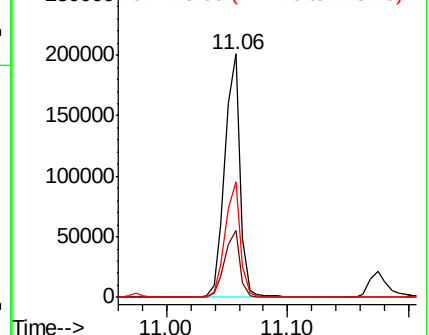
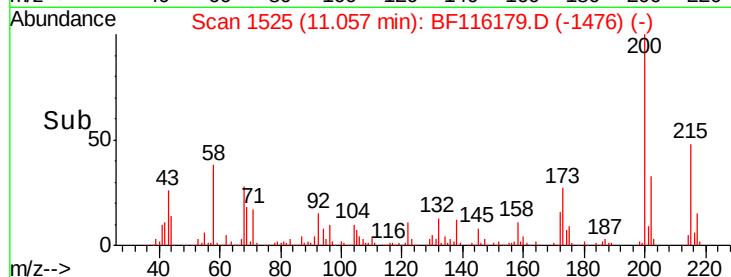
215 47.6 27.5 67.5



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: 65.631 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

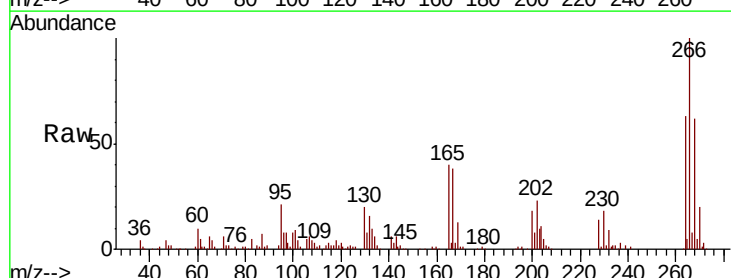
Tgt Ion:266 Resp: 152207

Ion Ratio Lower Upper

266 100

268 61.8 48.8 73.2

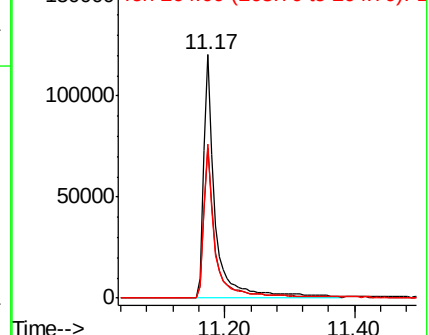
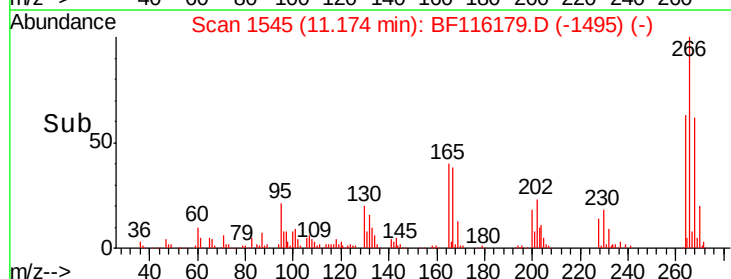
264 63.1 50.6 76.0

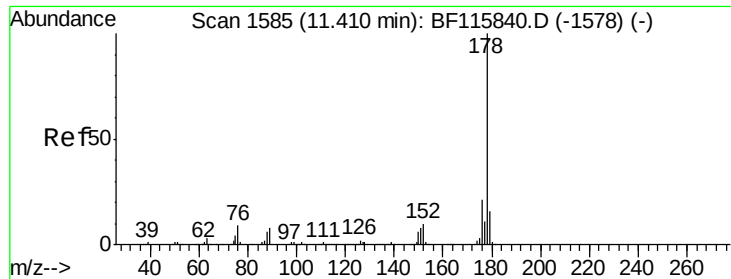


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

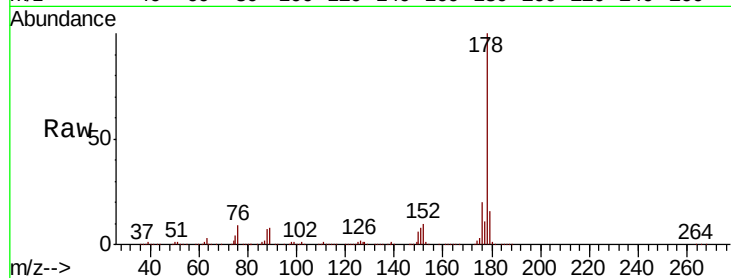




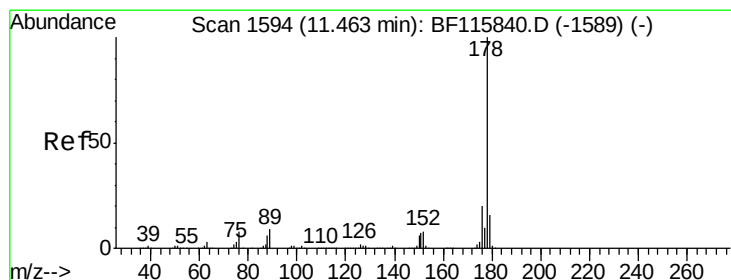
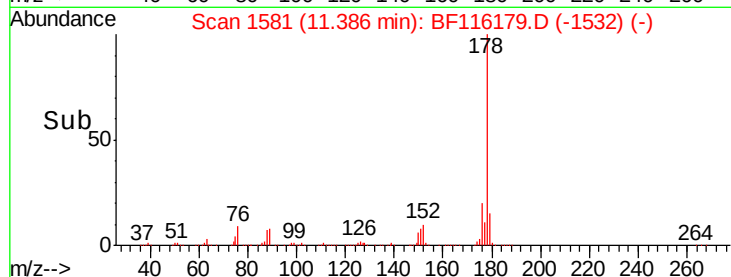
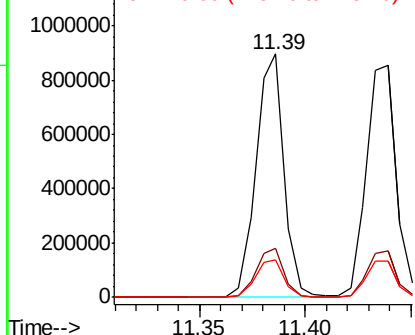
#71
Phenanthrene
Concen: 41.859 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 825789
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 15.5 12.5 18.7

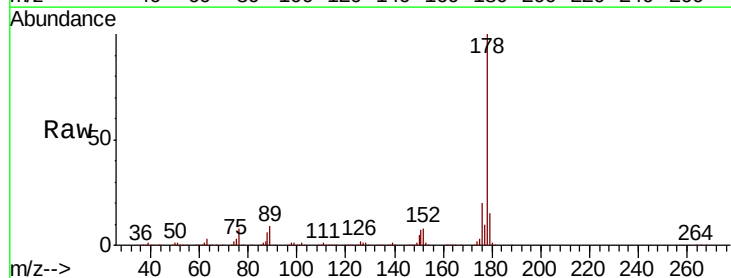


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

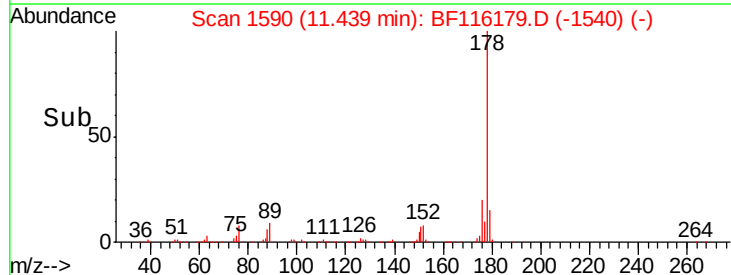
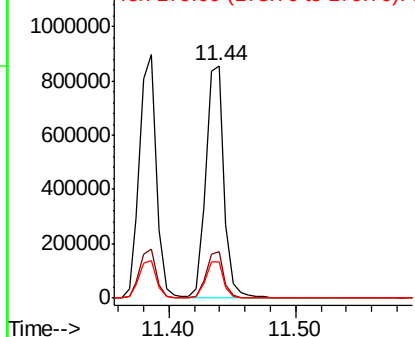


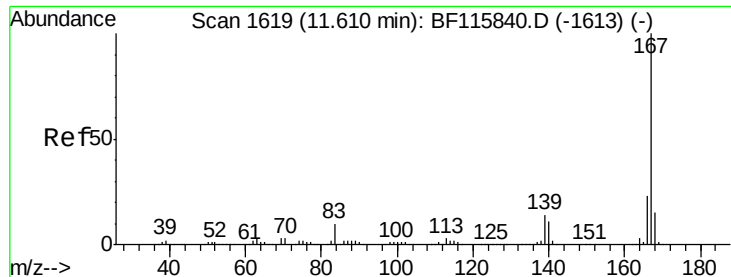
#72
Anthracene
Concen: 42.964 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:178 Resp: 857789
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.5 13.0 19.6



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

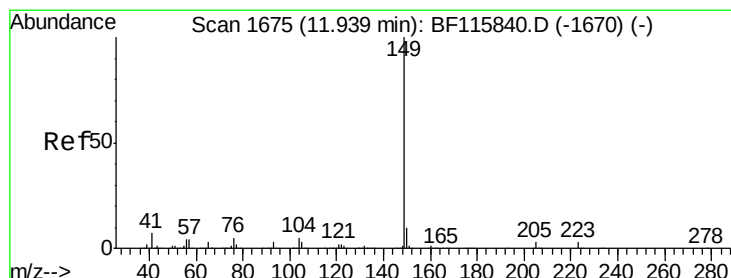
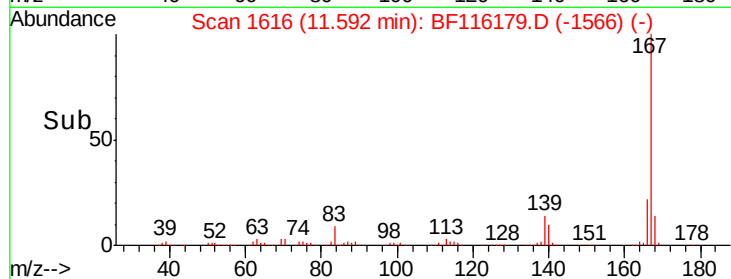
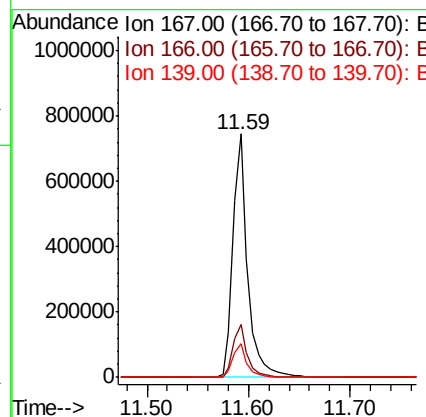
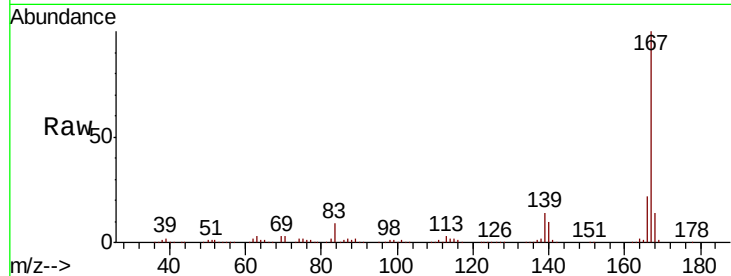




#73
 Carbazole
 Concen: 41.345 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

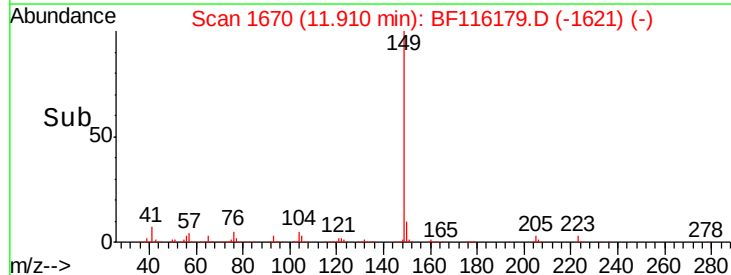
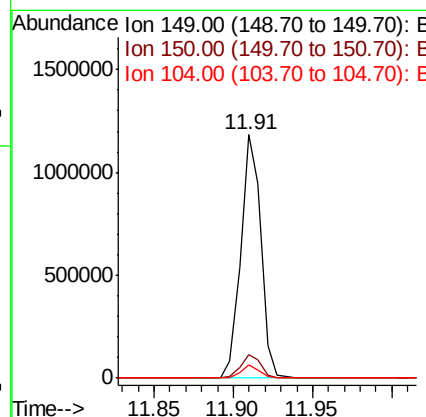
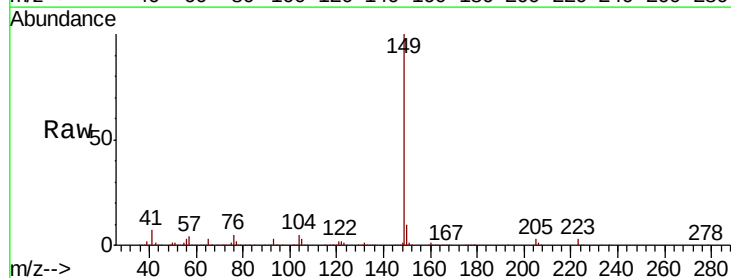
Instrument :
 BNA_F
 ClientSampleId :

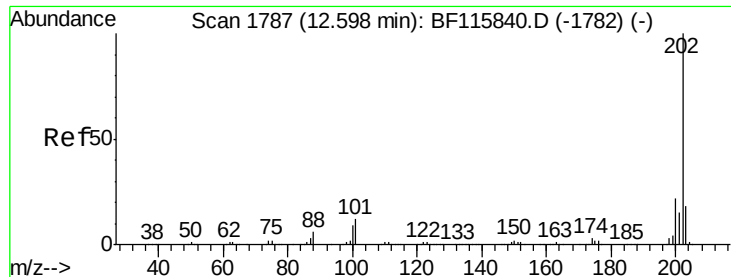
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.6	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 49.151 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.4	4.5	6.7

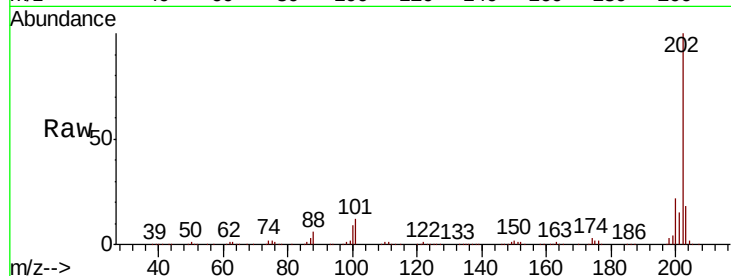




#75
Fluoranthene
Concen: 37.246 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
203	17.9	0.0	37.8

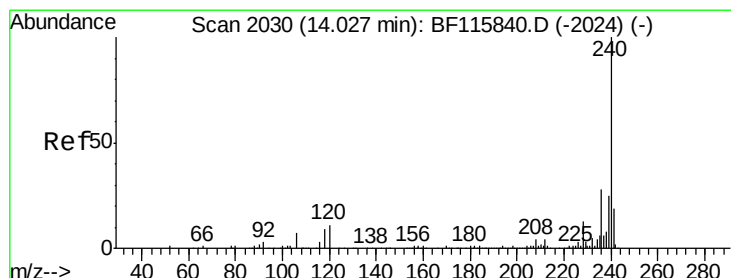
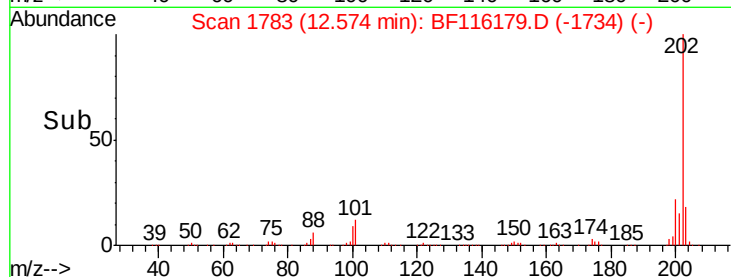
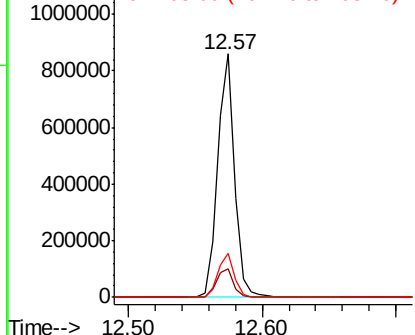


Abundance

Ion 202.00 (201.70 to 202.70): E

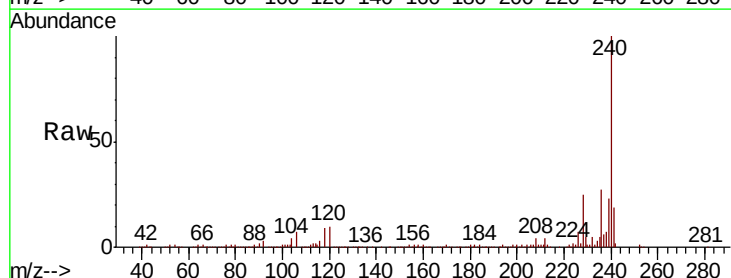
Ion 101.00 (100.70 to 101.70): E

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: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.7	16.1#
236	26.6	22.2	33.2

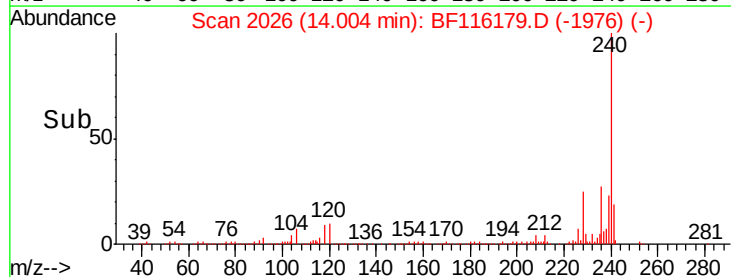
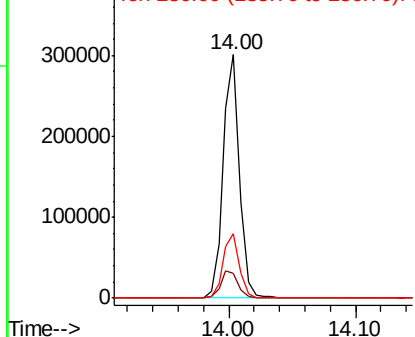


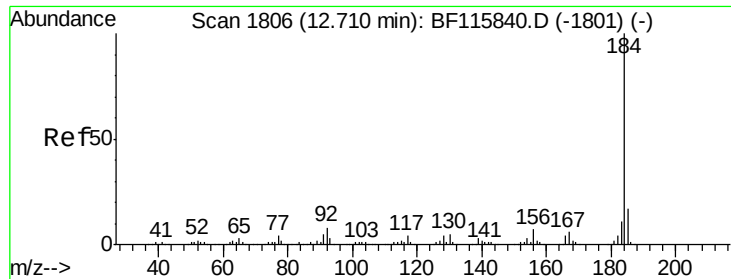
Abundance

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: 52.935 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampled :

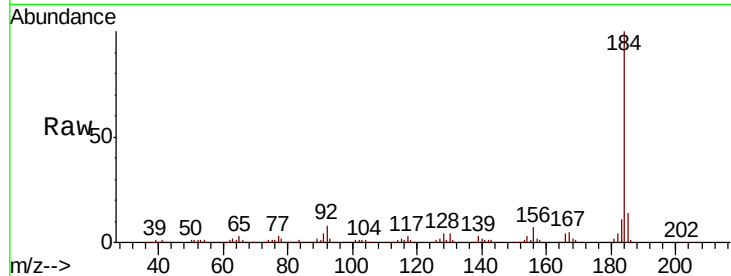
Tot Ion:184 Resp: 480702

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

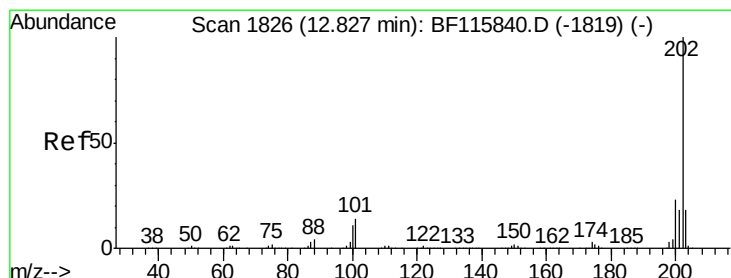
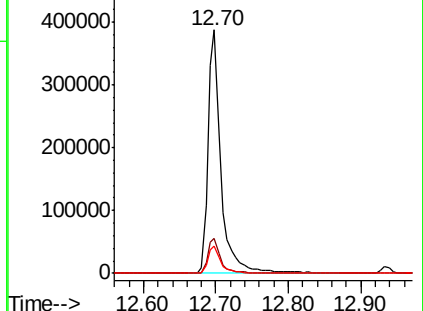
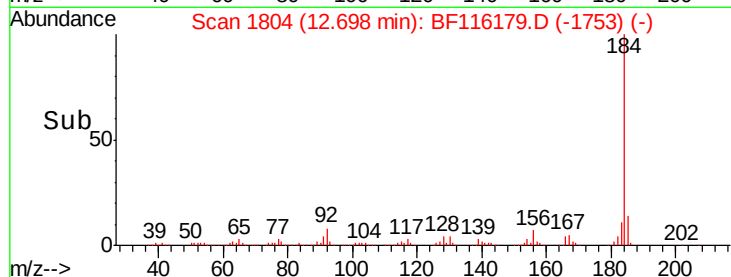
183 11.2 9.4 14.0



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: 38.429 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

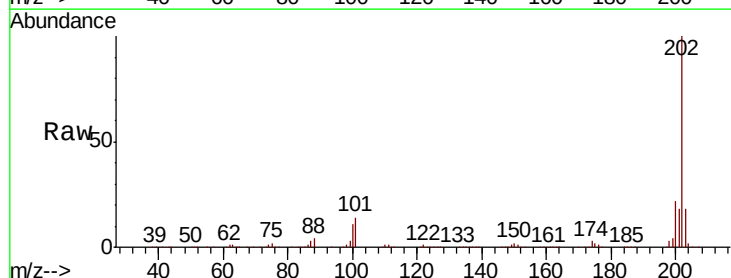
Tgt Ion:202 Resp: 778661

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

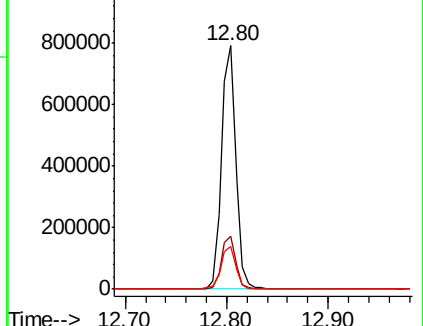
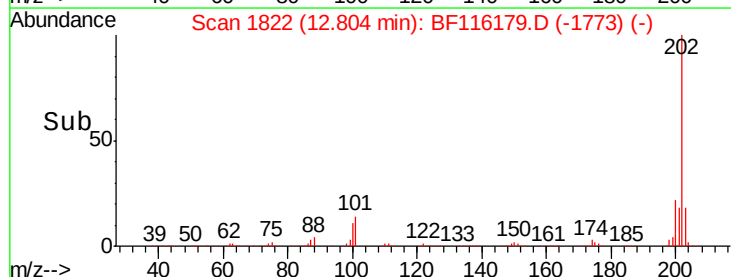
203 17.6 14.1 21.1

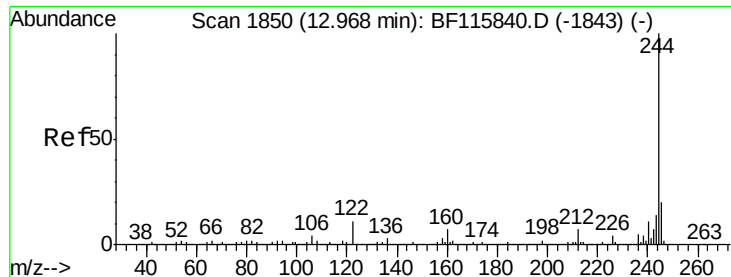


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.141 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

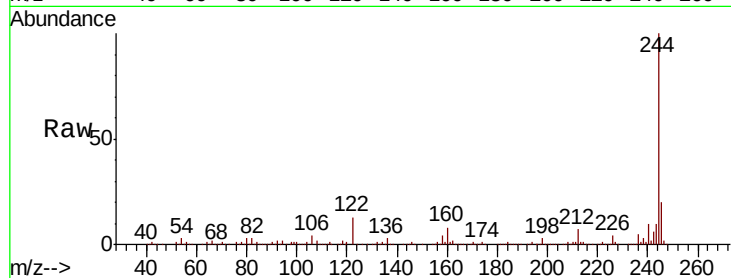
Tot Ion:244 Resp: 652366

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

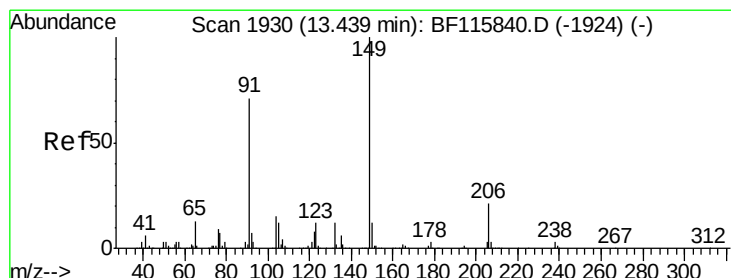
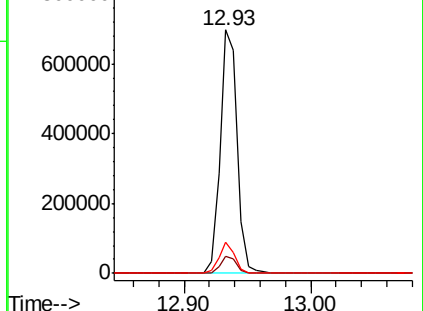
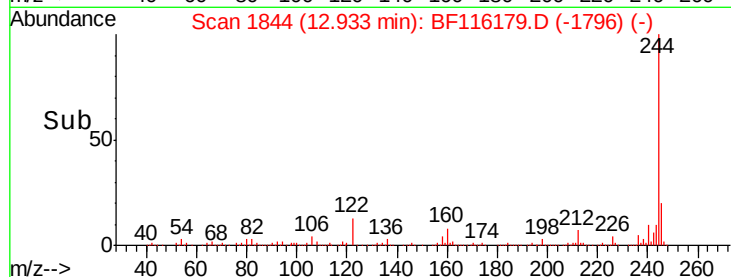
122 12.7 9.0 13.4



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: 42.881 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

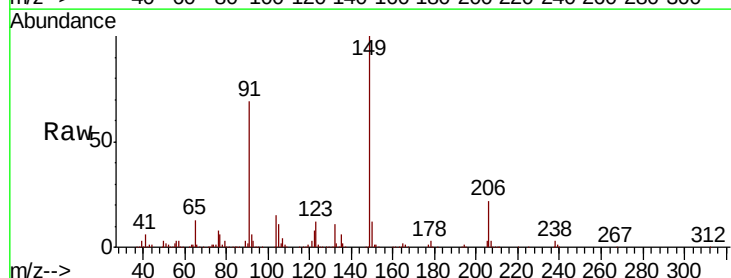
Tgt Ion:149 Resp: 367538

Ion Ratio Lower Upper

149 100

91 68.6 56.3 84.5

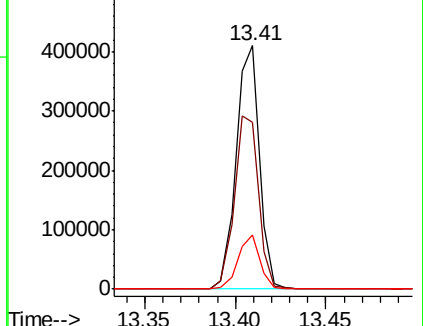
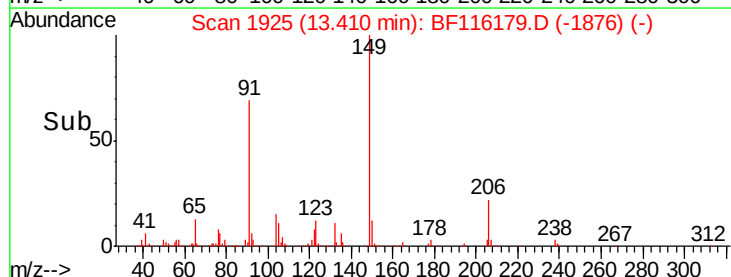
206 22.1 18.0 27.0

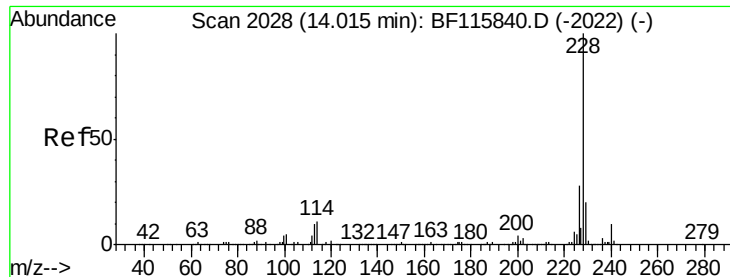


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

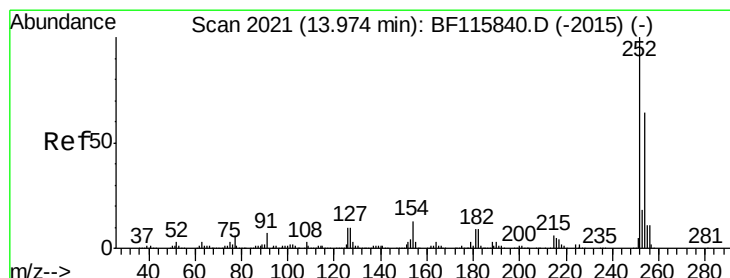
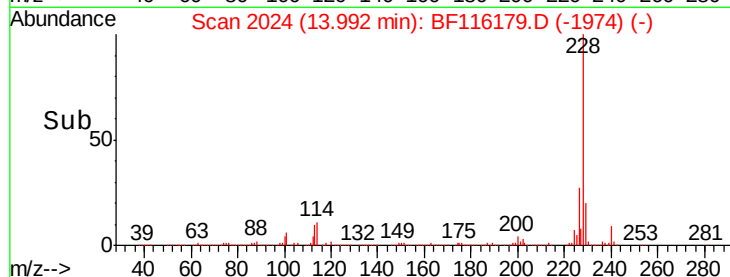
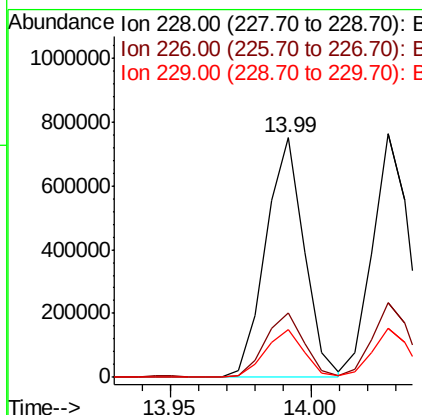
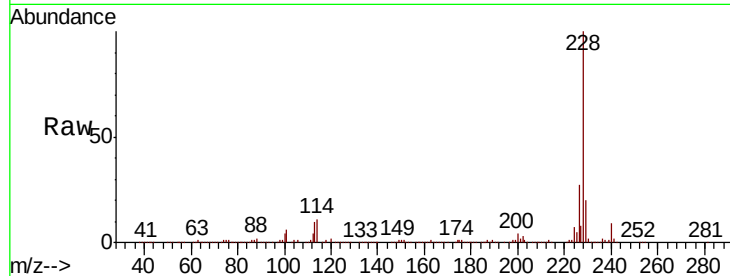




#81
Benzo(a)anthracene
Concen: 41.086 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

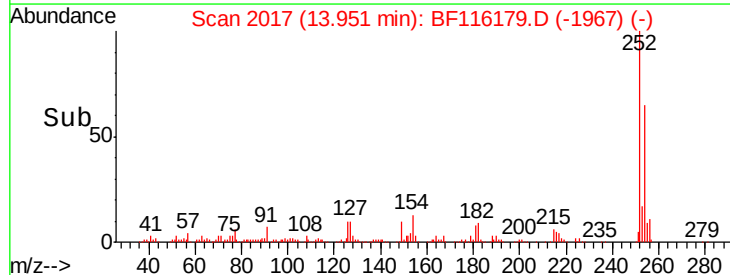
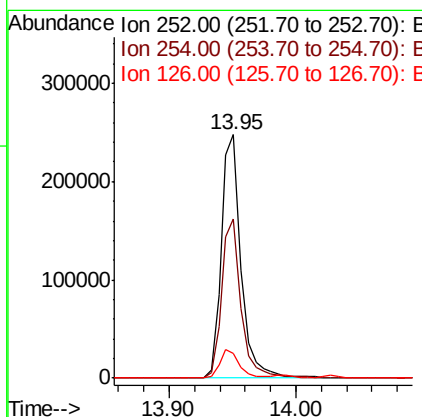
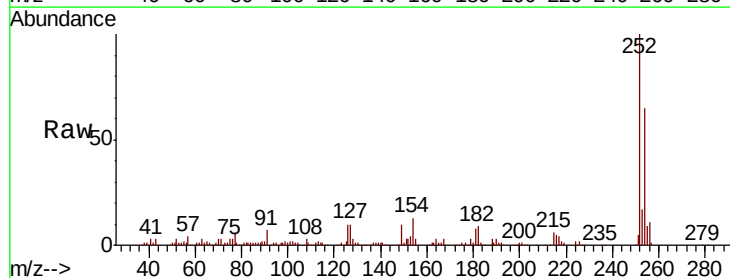
Instrument :
BNA_F
ClientSampleId :

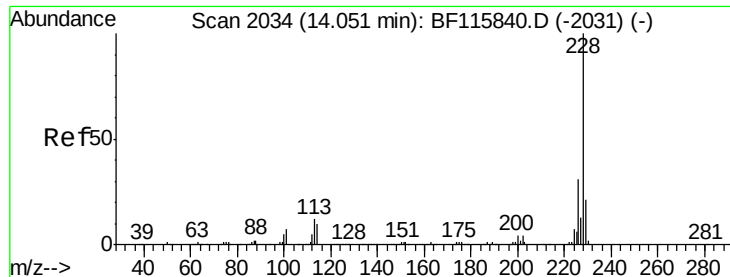
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	19.8	16.2	24.4



#82
3,3'-Dichlorobenzidine
Concen: 44.912 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.9	76.3
126	10.3	9.8	14.8

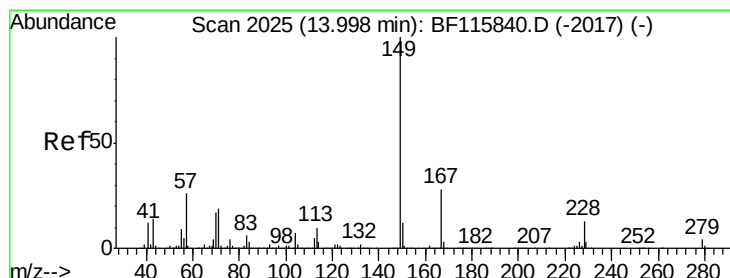
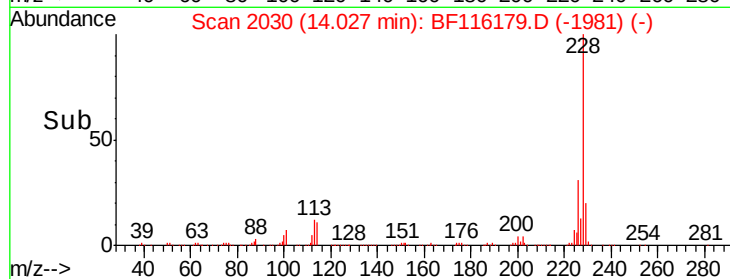
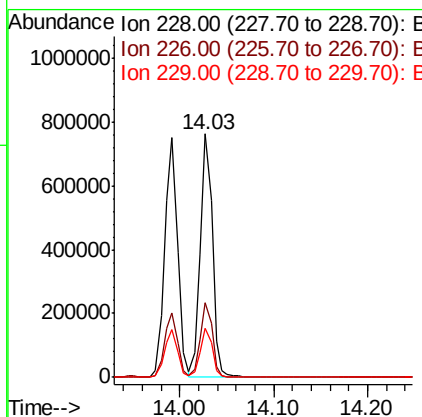
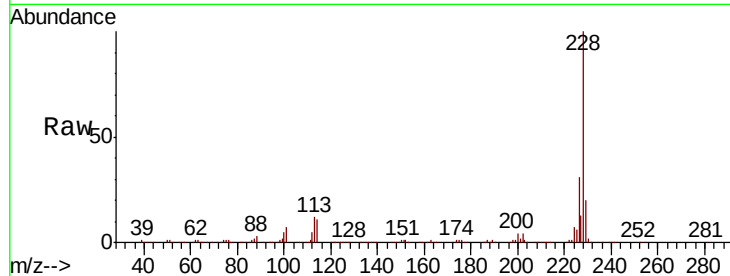




#83
 Chrysene
 Concen: 41.299 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

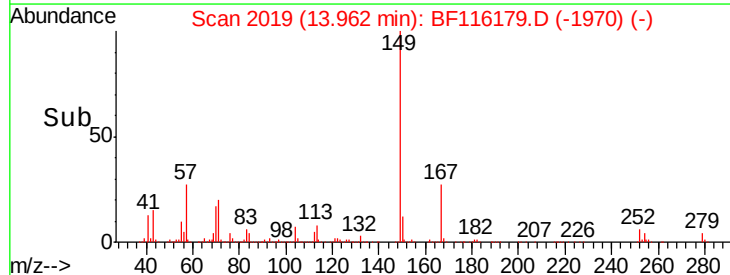
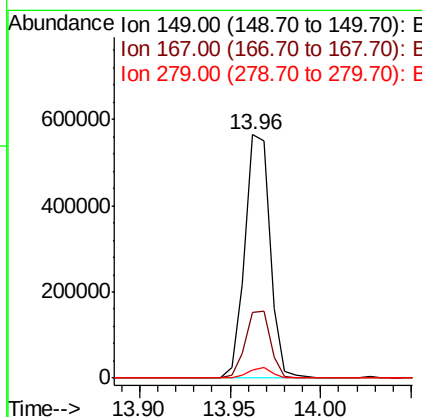
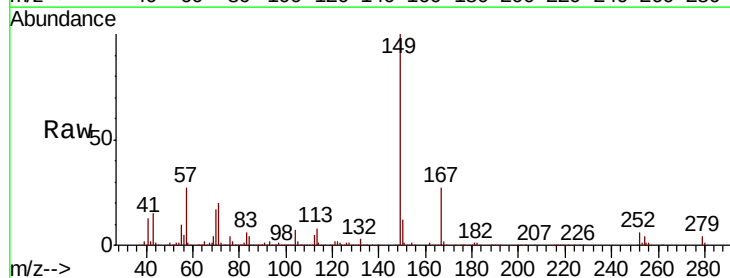
Instrument :
 BNA_F
 ClientSampled :

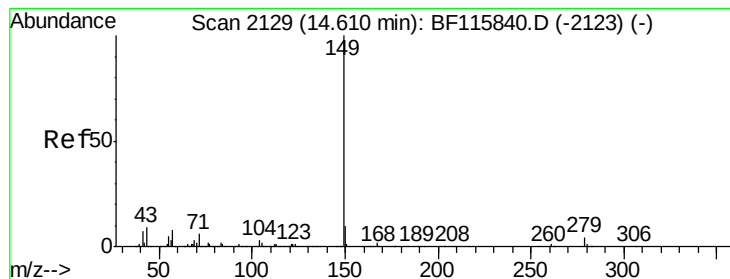
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.1	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.188 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116179.D
 Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	3.5	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 51.839 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

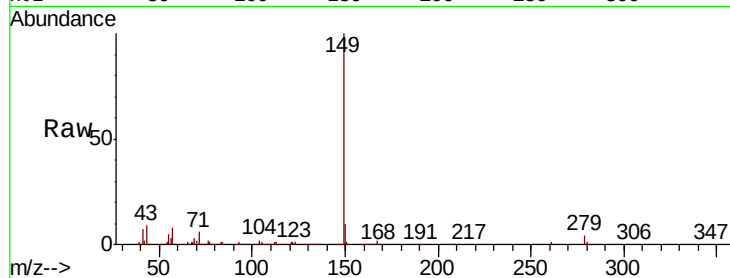
Tot Ion:149 Resp: 917088

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

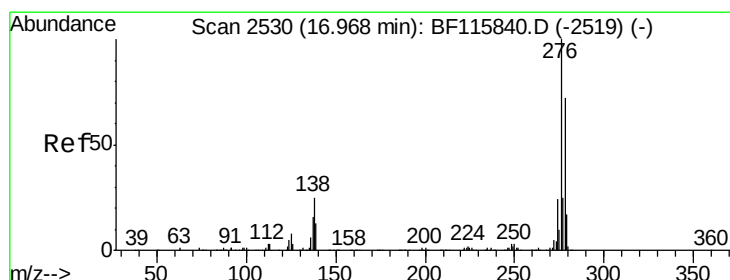
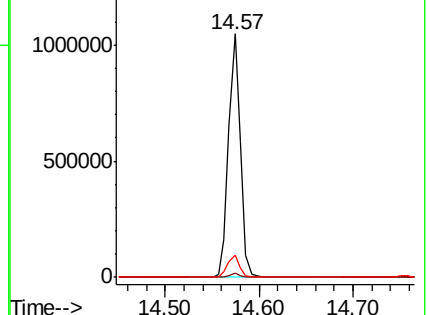
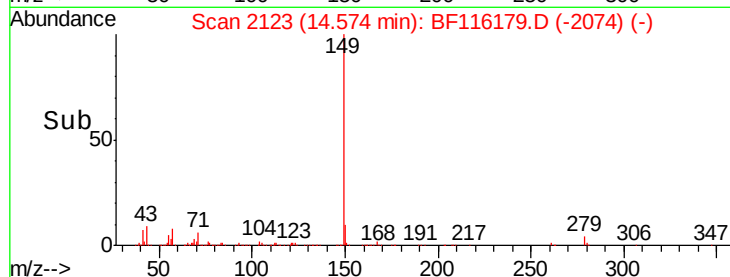
43 9.0 7.5 11.3



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: 37.472 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

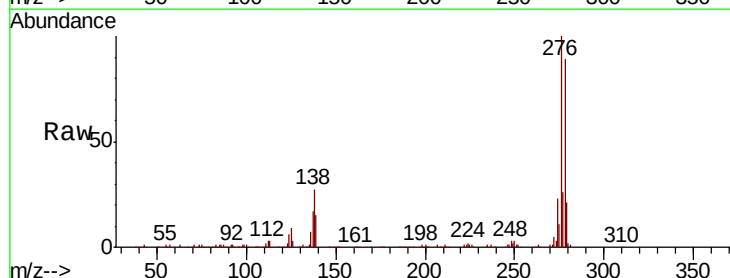
Tgt Ion:276 Resp: 524946

Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

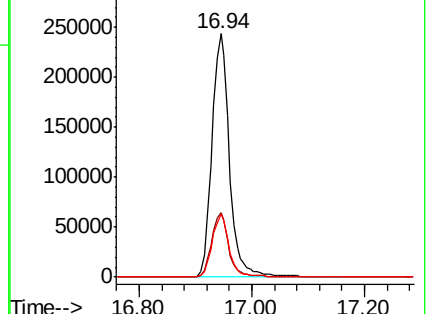
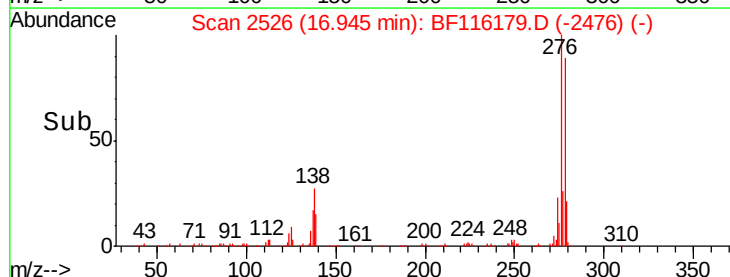
277 25.1 20.0 30.0

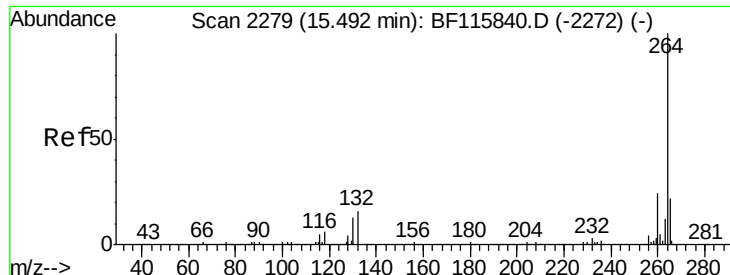


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



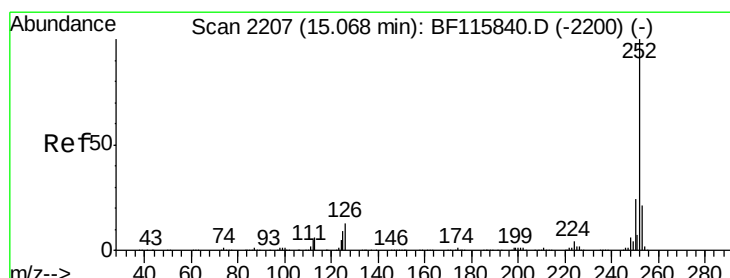
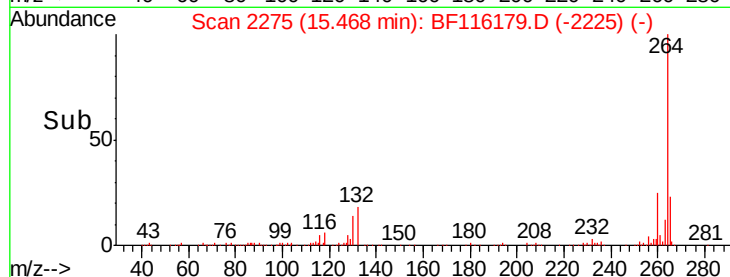
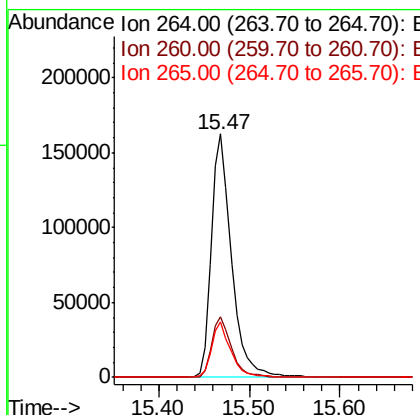
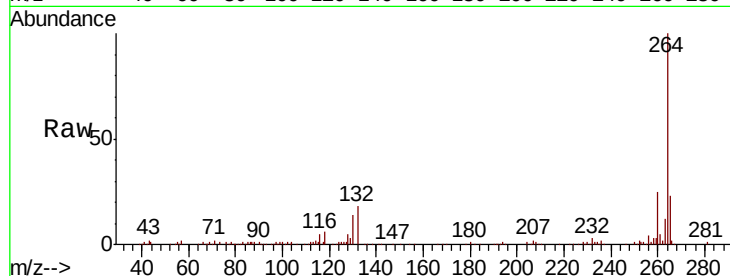


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 251434

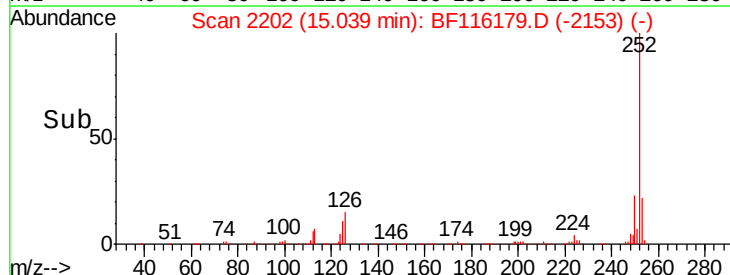
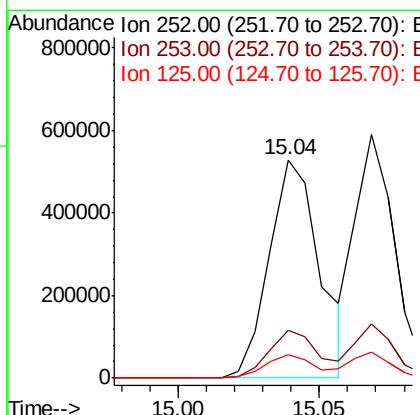
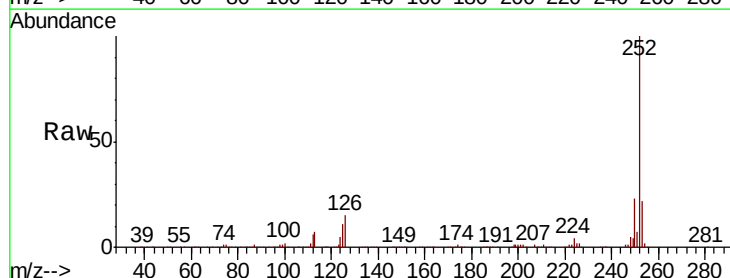
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.6	17.4	26.0

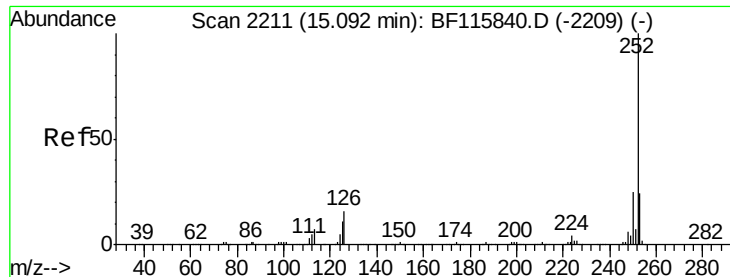


#88
Benzo(b)fluoranthene
Concen: 45.242 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion:252 Resp: 657740

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.0	8.4	12.6

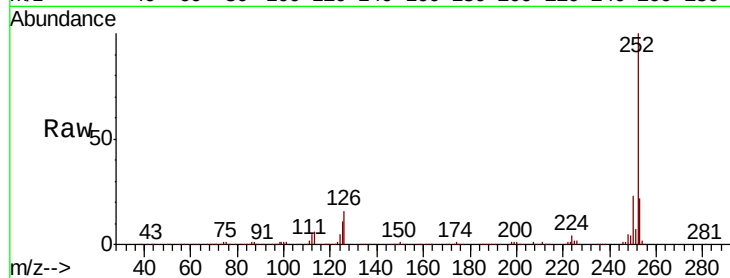




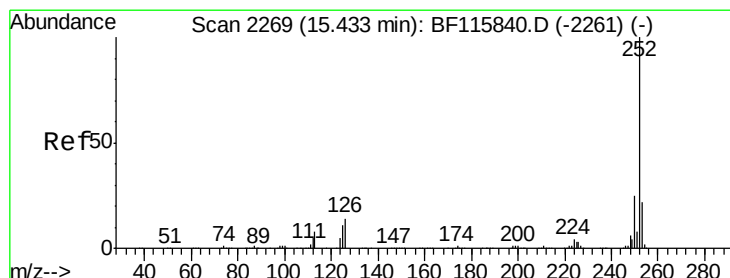
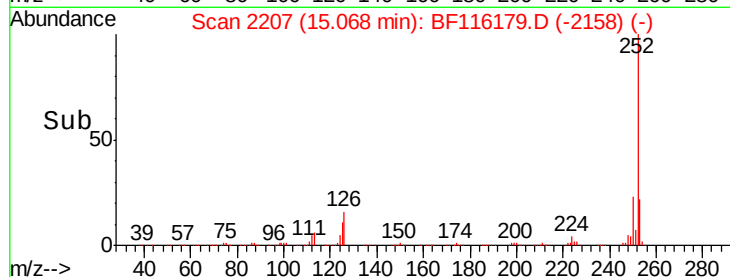
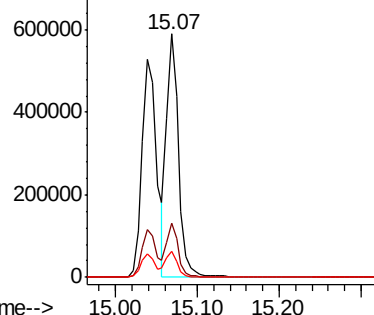
#89
Benzo(k)fluoranthene
Concen: 42.278 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.6	7.7	11.5

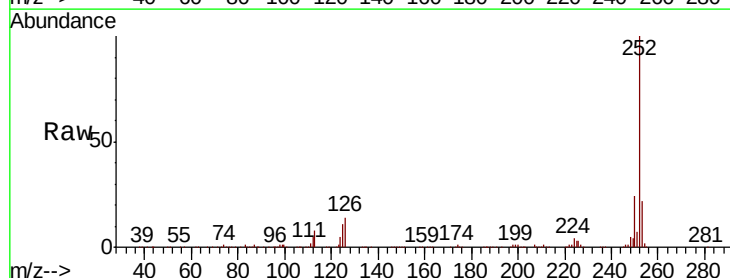


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

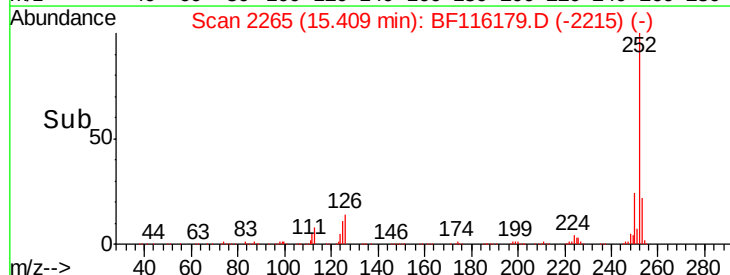
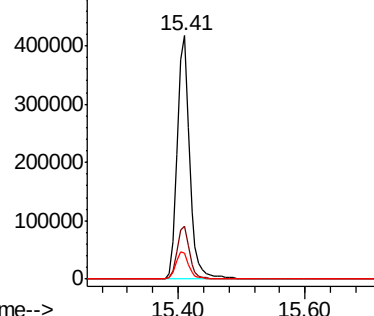


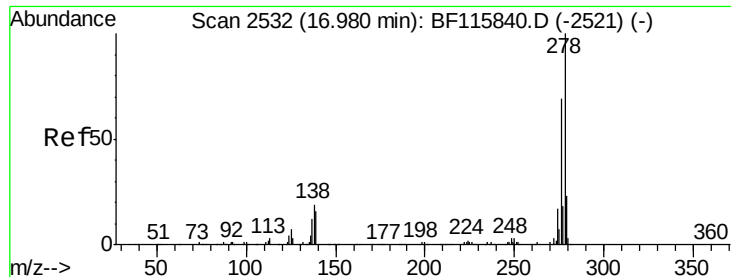
#90
Benzo(a)pyrene
Concen: 43.825 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116179.D
Acq: 11 Aug 2019 6:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.8	8.9	13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 39.958 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

Instrument :

BNA_F

ClientSampleId :

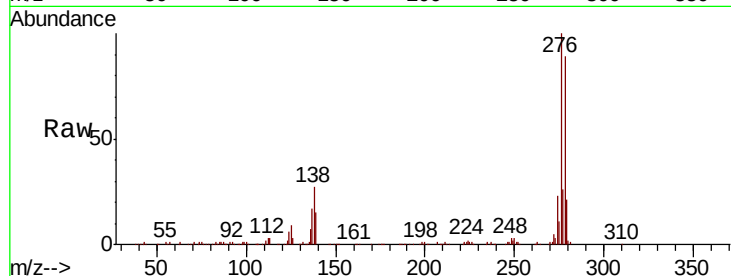
Tot Ion:278 Resp: 449509

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

279 23.7 18.8 28.2

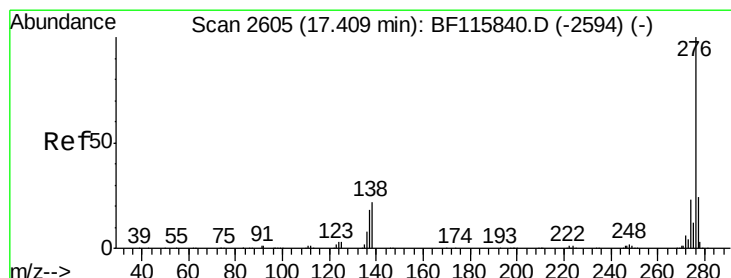
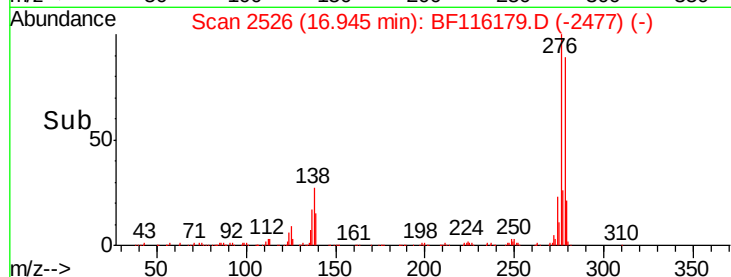
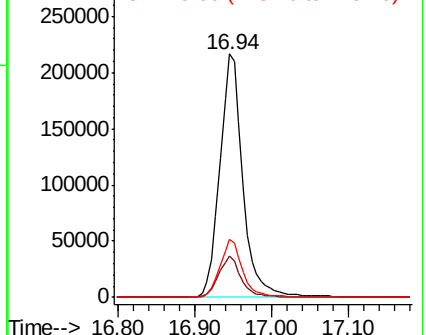


Abundance

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: 37.916 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF116179.D

Acq: 11 Aug 2019 6:44

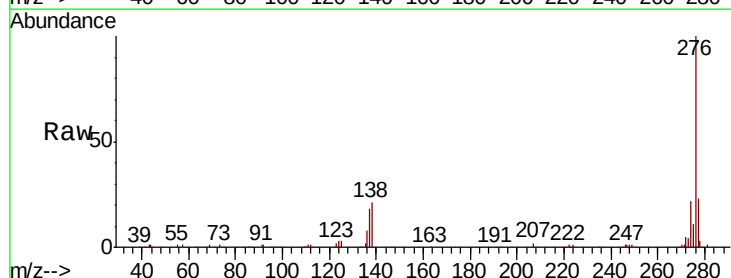
Tgt Ion:276 Resp: 418903

Ion Ratio Lower Upper

276 100

277 22.8 18.4 27.6

138 21.1 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

