

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116581.D
 Acq On : 27 Aug 2019 13:24
 Operator : HP/JU
 Sample : PB122453BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:48:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	62913	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	266243	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	143201	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	250335	20.00	ng	0.00
76) Chrysene-d12	14.03	240	174110	20.00	ng	0.00
87) Perylene-d12	15.49	264	143063	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	437304	101.56	ng	0.00
7) Phenol-d6	6.50	99	552198	104.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	328695	67.54	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	146807	119.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	608488	68.43	ng	-0.01
79) Terphenyl-d14	12.97	244	638315	68.48	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.75	88	73710	39.539	ng	97
3) Pyridine	3.49	79	169283	29.818	ng	96
4) n-Nitrosodimethylamine	3.43	42	85844	41.421	ng	94
6) Aniline	6.53	93	223069	31.209	ng	99
8) 2-Chlorophenol	6.66	128	188701	41.763	ng	99
9) Benzaldehyde	6.42	77	138513	39.267	ng	98
10) Phenol	6.52	94	243690	42.506	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	174200	39.907	ng	97
12) 1,3-Dichlorobenzene	6.82	146	198441	40.576	ng	98
13) 1,4-Dichlorobenzene	6.89	146	205774	43.717	ng	99
14) 1,2-Dichlorobenzene	7.05	146	195119	43.942	ng	98
15) Benzyl Alcohol	7.01	79	181213	42.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	205593	34.064	ng	96
17) 2-Methylphenol	7.13	107	161359	43.102	ng	98
18) Hexachloroethane	7.39	117	77615	42.280	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	139923	38.841	ng	97
20) 3+4-Methylphenols	7.27	107	206281	44.980	ng	# 88
22) Acetophenone	7.28	105	281404	42.268	ng	# 96
24) Nitrobenzene	7.45	77	215352	42.731	ng	97
25) Isophorone	7.69	82	376264	39.235	ng	99
26) 2-Nitrophenol	7.77	139	99891	54.263	ng	98
27) 2,4-Dimethylphenol	7.80	122	171437	44.633	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	224960	37.984	ng	99
29) 2,4-Dichlorophenol	8.01	162	160326	43.891	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	175186	42.601	ng	100
31) Naphthalene	8.18	128	562644	43.685	ng	99
32) Benzoic acid	7.92	122	115083	46.867	ng	96
33) 4-Chloroaniline	8.22	127	134817	23.844	ng	99
34) Hexachlorobutadiene	8.30	225	101118	45.088	ng	100
35) Caprolactam	8.61	113	21028	16.527	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	178799	43.382	ng	99
37) 2-Methylnaphthalene	8.87	142	376081	42.527	ng	97
38) 1-Methylnaphthalene	8.97	142	349944	42.362	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	161149	41.827	ng	98

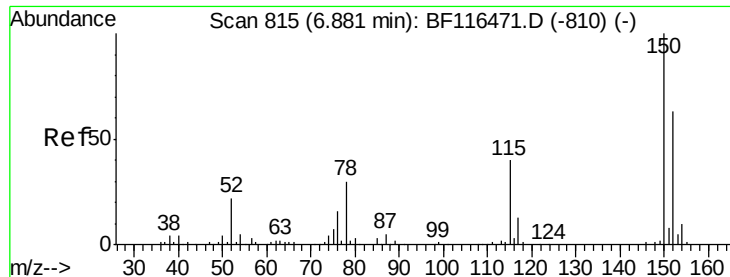
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116581.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	209400	101.019	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	112230	41.622	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	120181	43.804	ng	98
46) 1,1'-Biphenyl	9.33	154	466177	40.717	ng	98
47) 2-Chloronaphthalene	9.36	162	360043	40.564	ng	99
48) 2-Nitroaniline	9.45	65	115364	42.449	ng	98
49) Acenaphthylene	9.77	152	557370	42.921	ng	99
50) Dimethylphthalate	9.63	163	408215	40.857	ng	100
51) 2,6-Dinitrotoluene	9.69	165	92150	45.060	ng	100
52) Acenaphthene	9.95	154	383376	46.008	ng	100
53) 3-Nitroaniline	9.85	138	67314	27.614	ng	97
54) 2,4-Dinitrophenol	9.96	184	82274	100.353	ng	# 1
55) Dibenzofuran	10.12	168	491538	42.317	ng	97
56) 4-Nitrophenol	10.01	139	154686	81.641	ng	92
57) 2,4-Dinitrotoluene	10.09	165	122582	47.106	ng	97
58) Fluorene	10.46	166	385034	42.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	97728	43.381	ng	98
60) Diethylphthalate	10.33	149	408519	41.601	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	188719	42.865	ng	94
62) 4-Nitroaniline	10.47	138	100214	42.034	ng	93
63) Azobenzene	10.61	77	416430	41.243	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	57439	54.796	ng	84
66) n-Nitrosodiphenylamine	10.56	169	334149	41.224	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	107196	40.845	ng	98
68) Hexachlorobenzene	11.01	284	115780	39.886	ng	98
69) Atrazine	11.09	200	98869	40.710	ng	99
70) Pentachlorophenol	11.20	266	145348	85.823	ng	99
71) Phenanthrene	11.42	178	578432	42.416	ng	99
72) Anthracene	11.47	178	588568	42.950	ng	100
73) Carbazole	11.62	167	508794	41.364	ng	99
74) Di-n-butylphthalate	11.95	149	624556	40.975	ng	100
75) Fluoranthene	12.60	202	581159	41.220	ng	99
77) Benzidine	12.72	184	268645	38.350	ng	98
78) Pyrene	12.83	202	586040	42.089	ng	100
80) Butylbenzylphthalate	13.44	149	253782	42.204	ng	93
81) Benzo(a)anthracene	14.02	228	465414	41.273	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	116781	29.061	ng	98
83) Chrysene	14.05	228	466790	40.841	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	331375	41.327	ng	99
85) Di-n-octyl phthalate	14.62	149	520456	38.233	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	326480	33.346	ng	96
88) Benzo(b)fluoranthene	15.07	252	392511	44.413	ng	97
89) Benzo(k)fluoranthene	15.10	252	380783	47.559	ng	98
90) Benzo(a)pyrene	15.43	252	351620	45.017	ng	97
91) Dibenzo(a,h)anthracene	16.97	278	277384	43.218	ng	97
92) Benzo(g,h,i)perylene	17.40	276	267882	43.780	ng	# 93

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

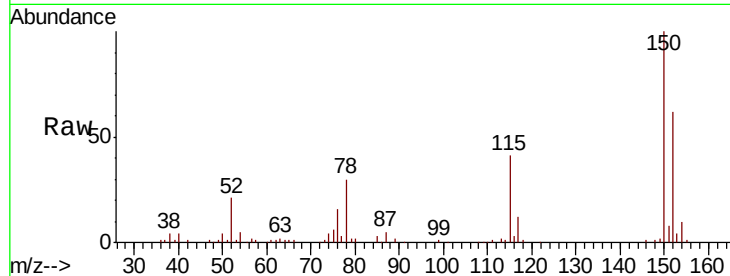


#1

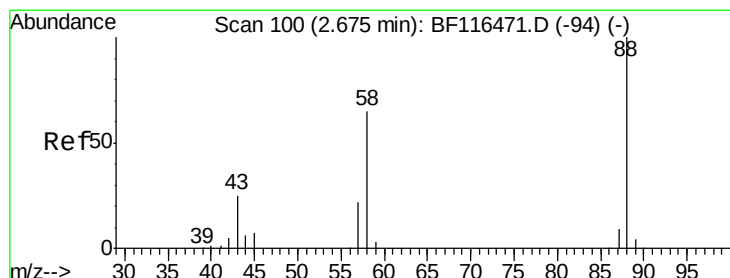
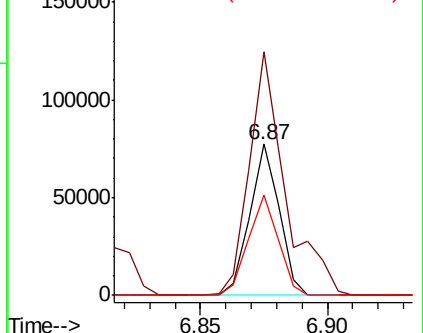
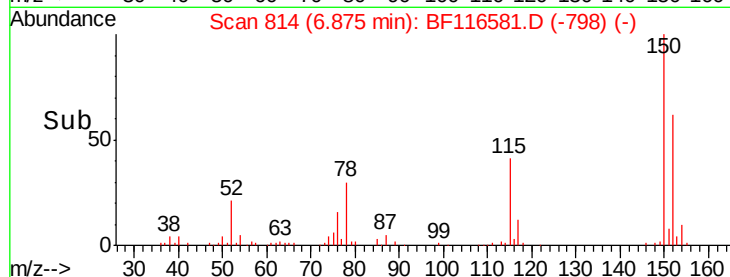
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62913
Ion Ratio Lower Upper
152 100
150 161.3 126.7 190.1
115 66.3 50.9 76.3



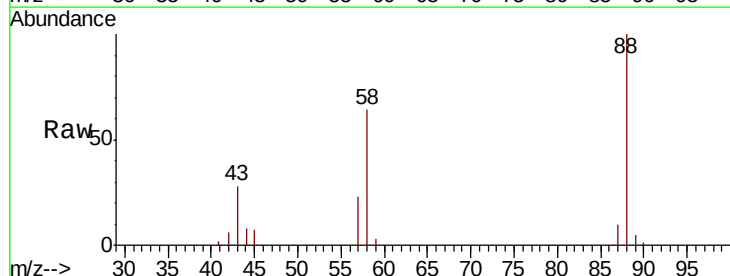
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



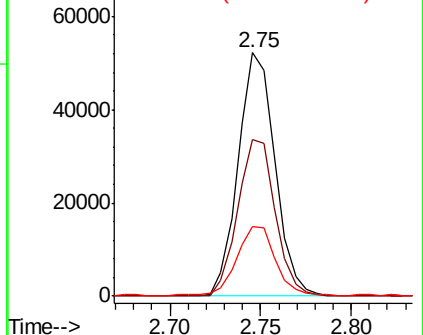
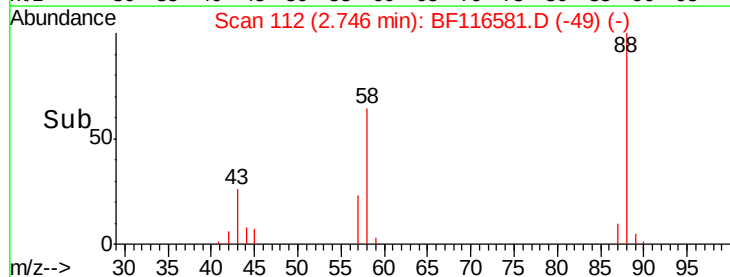
#2

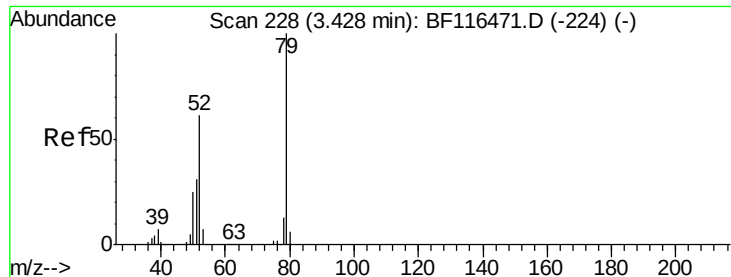
1,4-Dioxane
Concen: 39.539 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.07 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion: 88 Resp: 73710
Ion Ratio Lower Upper
88 100
58 65.4 53.4 80.0
43 30.6 21.2 31.8



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





#3

Pvridine

Concen: 29.818 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

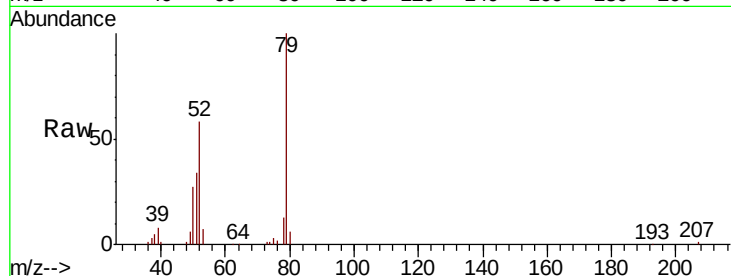
Tot Ion: 79 Resp: 169283

Ion Ratio Lower Upper

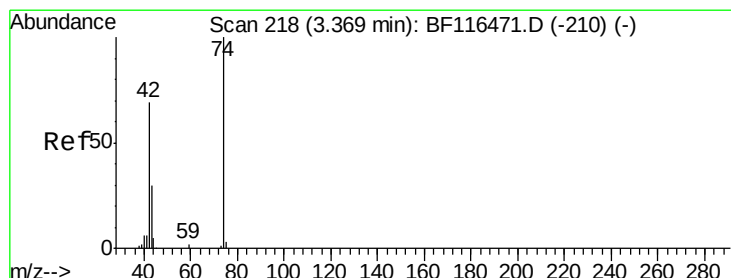
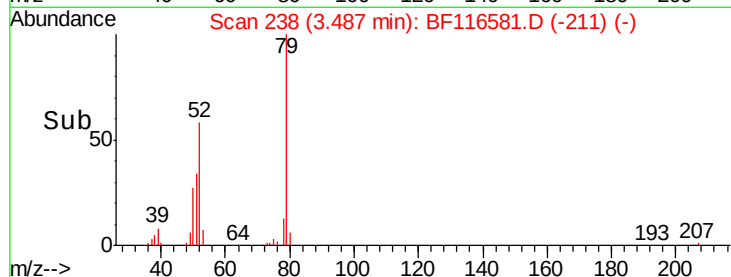
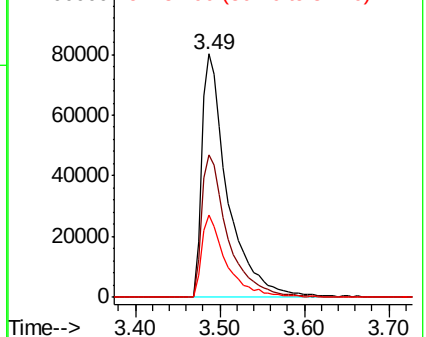
79 100

52 58.4 48.8 73.2

51 33.7 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: 41.421 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.06 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

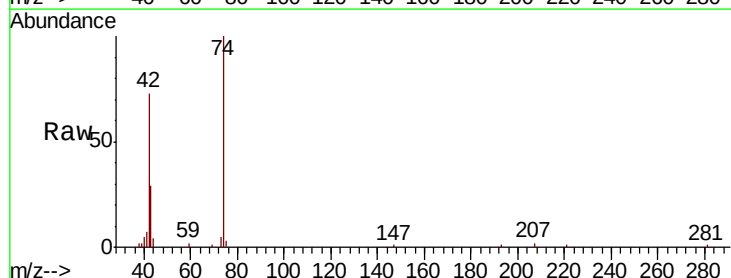
Tgt Ion: 42 Resp: 85844

Ion Ratio Lower Upper

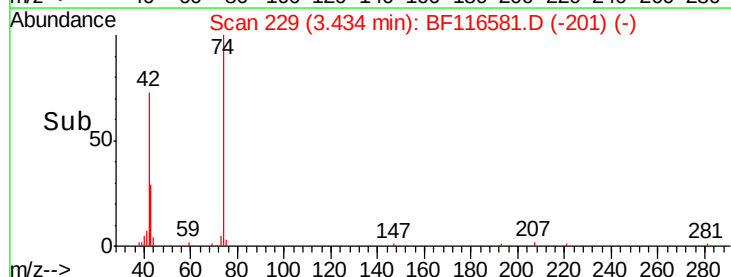
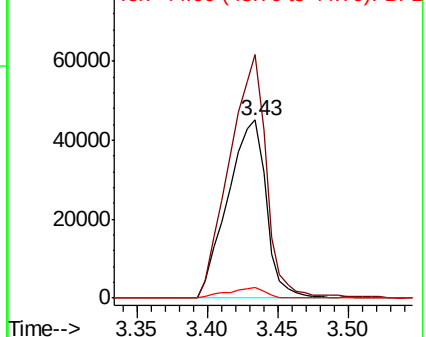
42 100

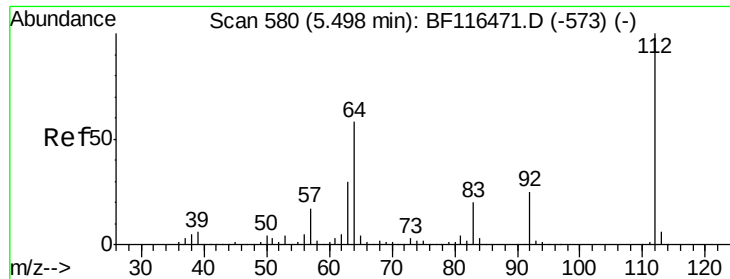
74 136.6 115.3 172.9

44 5.9 5.8 8.8



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

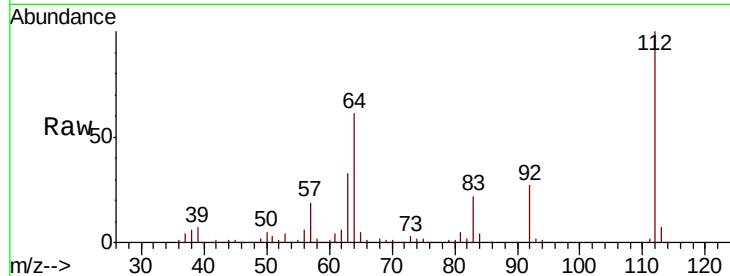




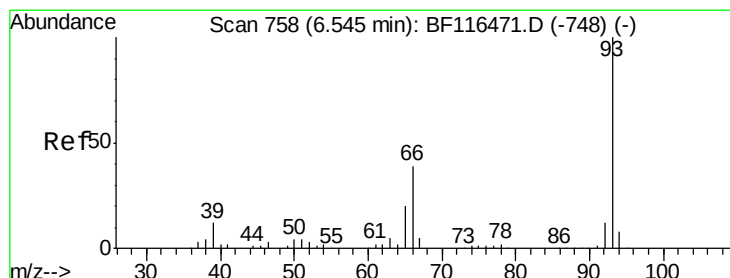
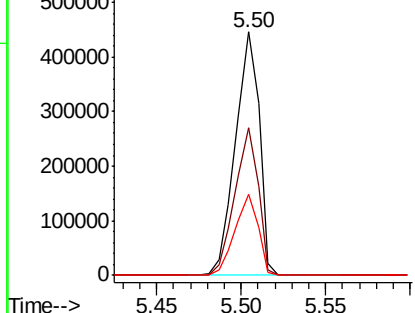
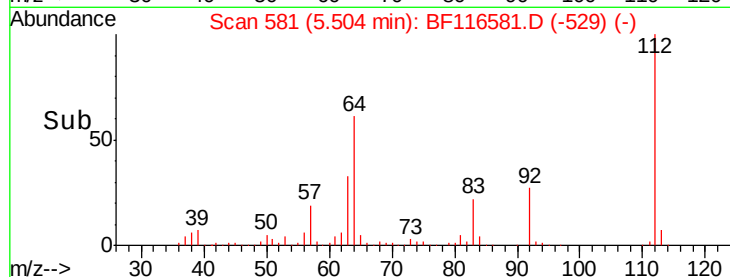
#5
2-Fluorophenol
Concen: 101.563 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 437304
Ion Ratio Lower Upper
112 100
64 60.7 46.3 69.5
63 33.4 24.2 36.4

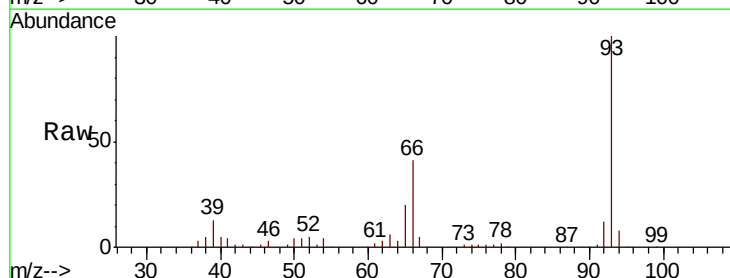


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

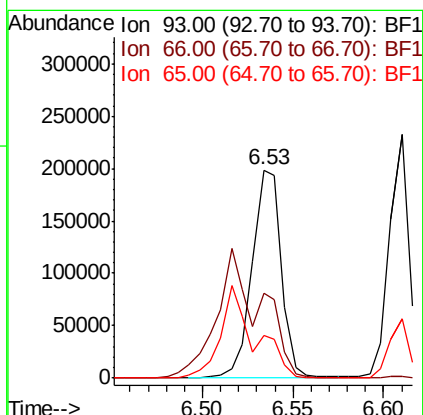
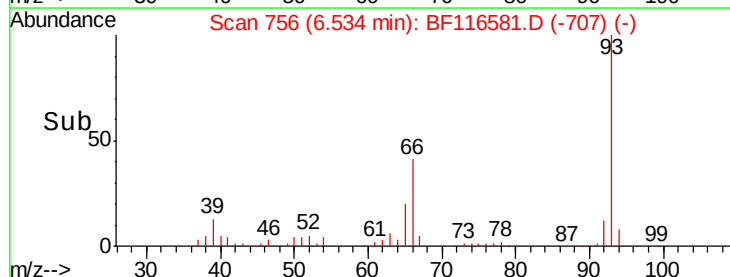


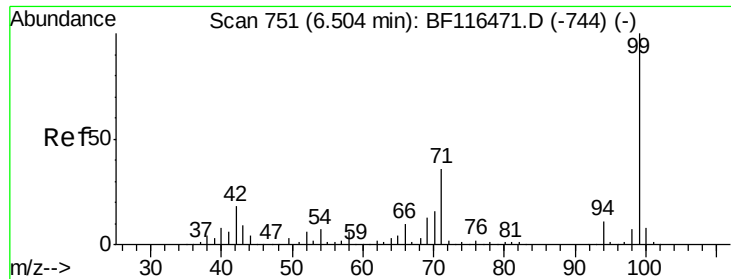
#6
Aniline
Concen: 31.209 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion: 93 Resp: 223069
Ion Ratio Lower Upper
93 100
66 41.0 32.2 48.2
65 20.3 16.3 24.5



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: 104.594 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

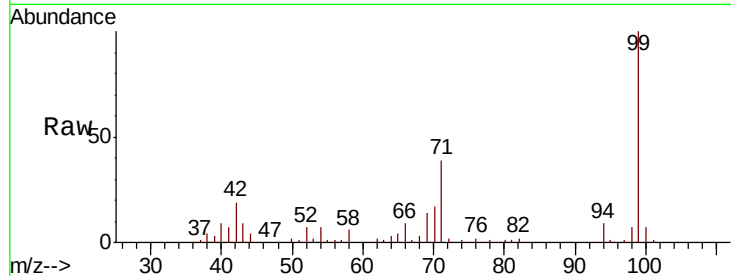
Tot Ion: 99 Resp: 552198

Ion Ratio Lower Upper

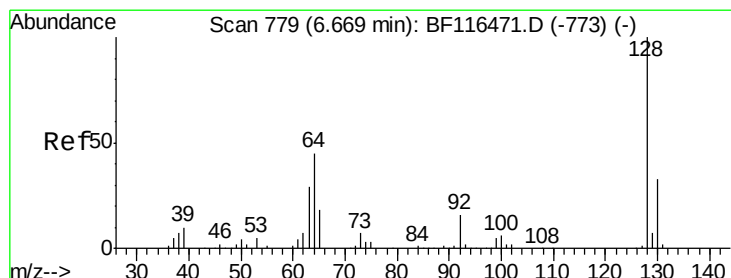
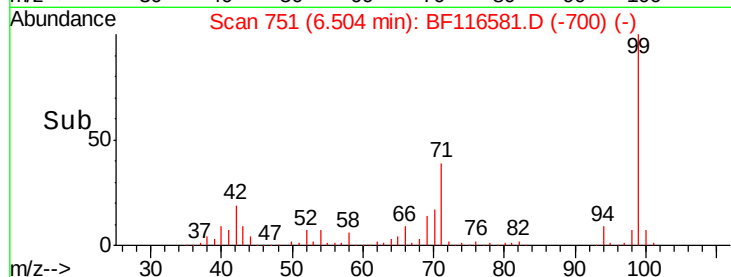
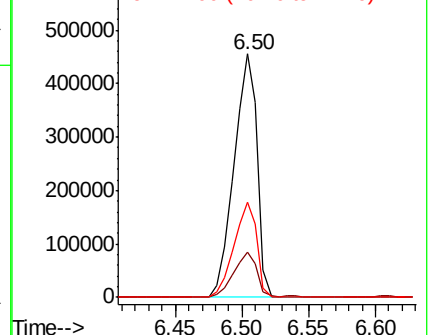
99 100

42 18.8 14.6 21.8

71 38.9 28.5 42.7



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: 41.763 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

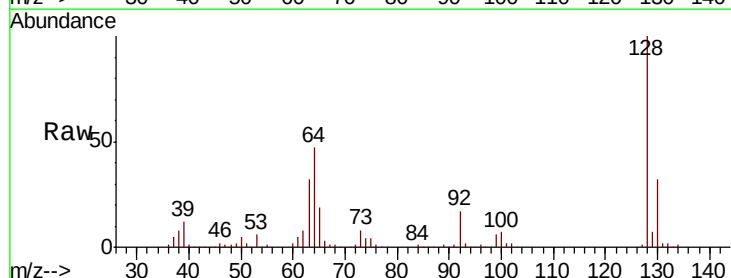
Tgt Ion: 128 Resp: 188701

Ion Ratio Lower Upper

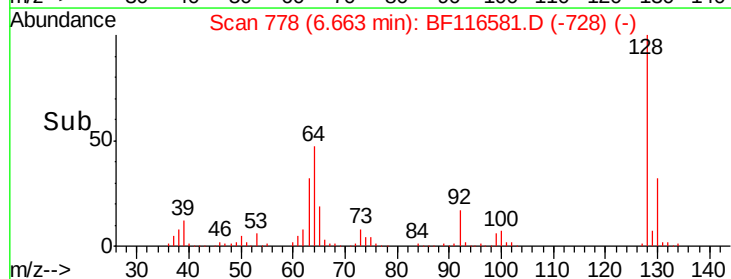
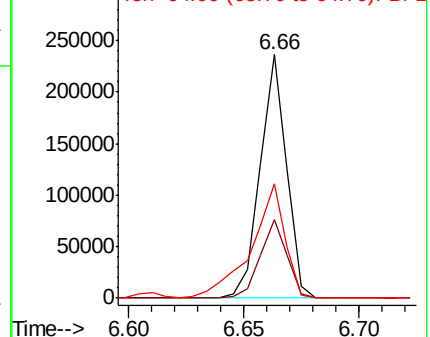
128 100

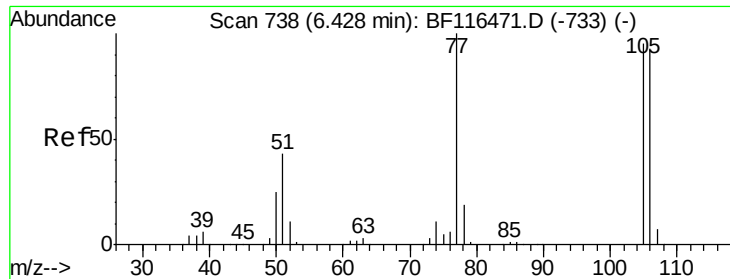
130 32.5 13.4 53.4

64 46.7 26.3 66.3



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: 39.267 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

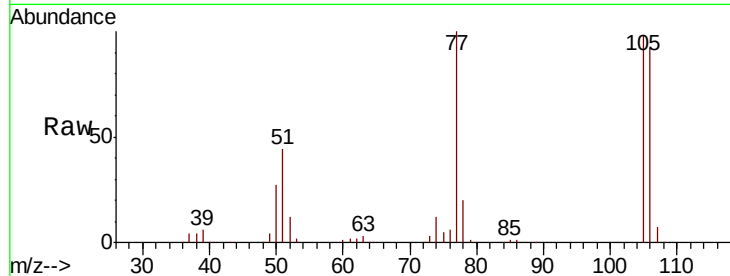
Tot Ion: 77 Resp: 138513

Ion Ratio Lower Upper

77 100

105 97.8 75.5 115.5

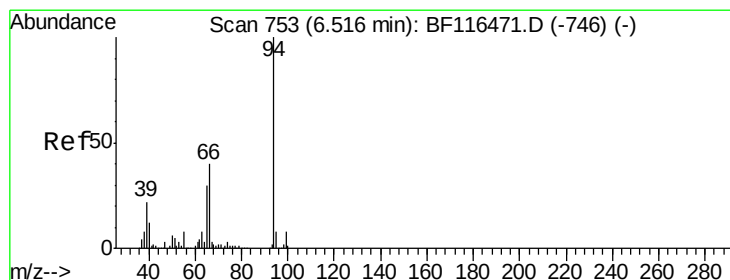
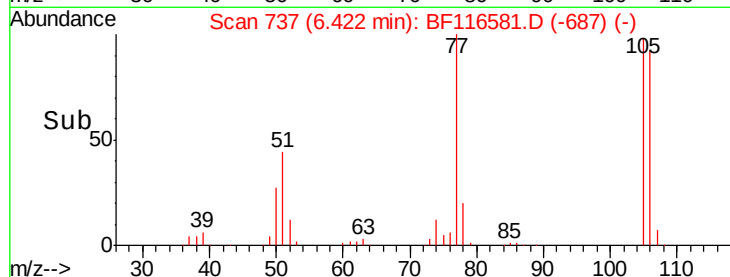
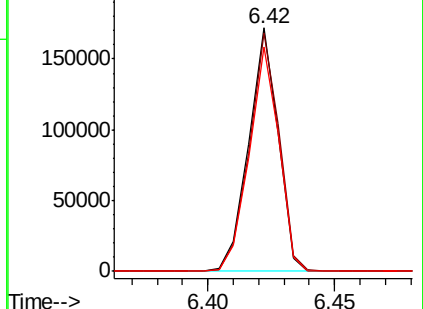
106 92.2 73.2 113.2



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: 42.506 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

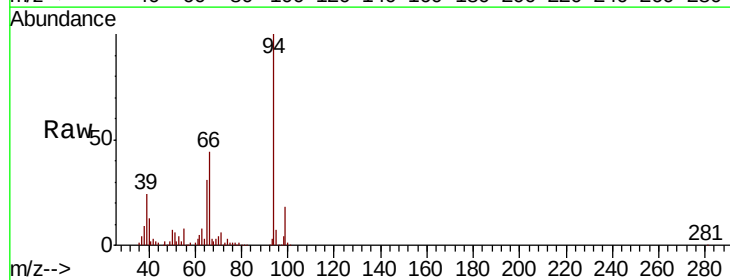
Tgt Ion: 94 Resp: 243690

Ion Ratio Lower Upper

94 100

65 31.4 10.0 50.0

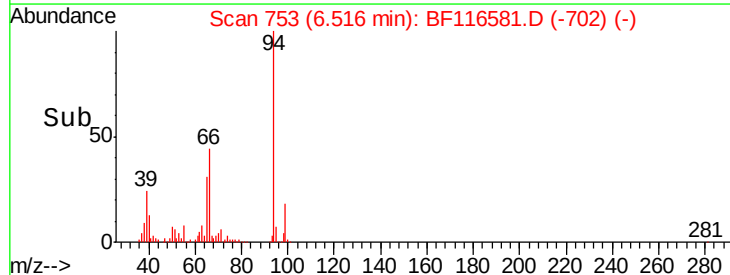
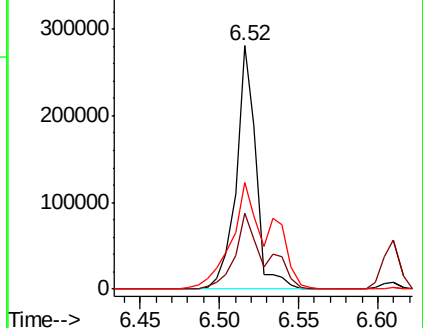
66 44.0 19.8 59.8

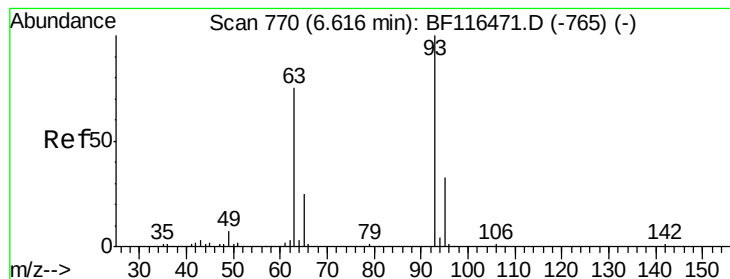


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.907 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

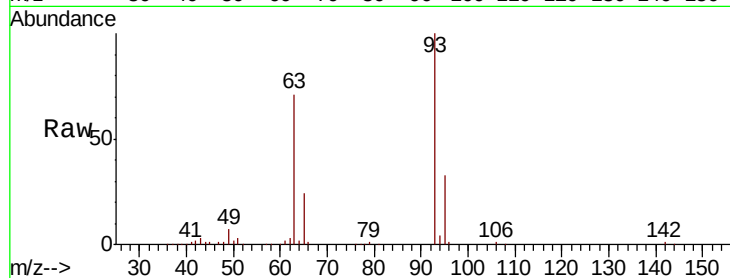
Tot Ion: 93 Resp: 174200

Ion Ratio Lower Upper

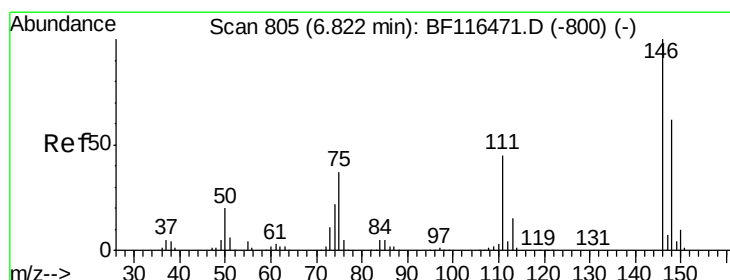
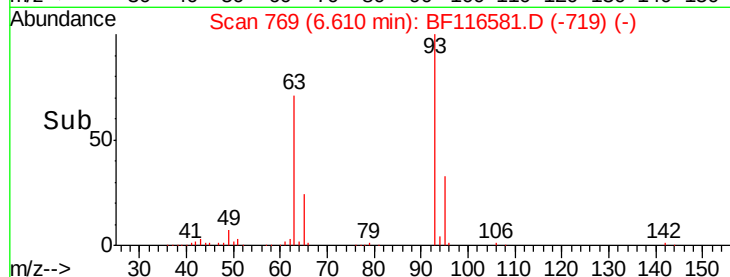
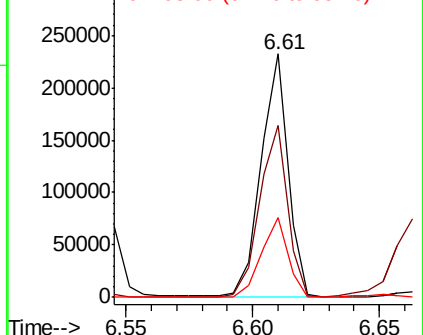
93 100

63 70.8 54.3 94.3

95 32.8 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 40.576 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

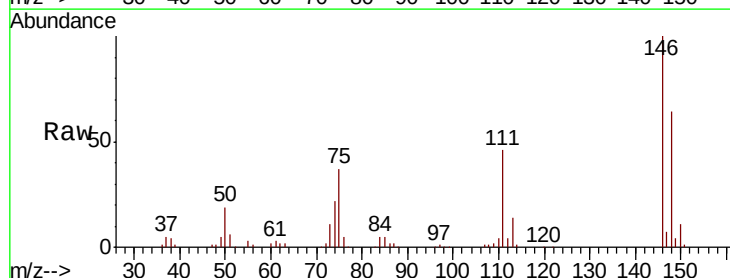
Tgt Ion: 146 Resp: 198441

Ion Ratio Lower Upper

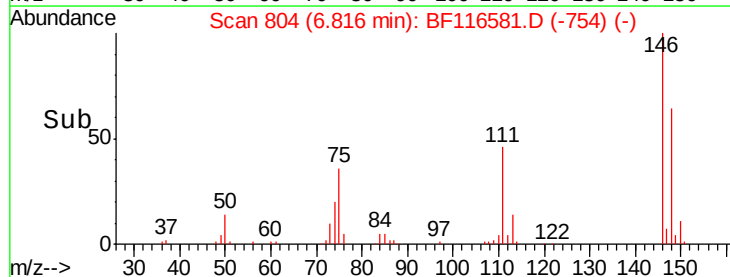
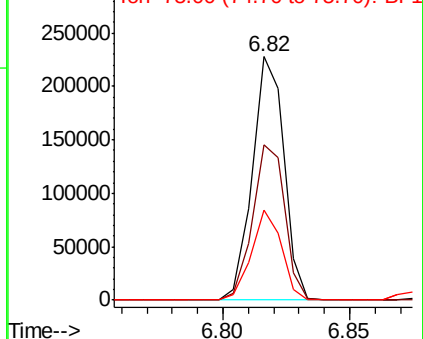
146 100

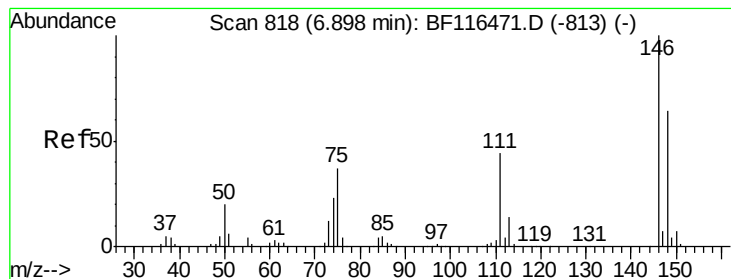
148 63.9 49.8 74.8

75 37.2 29.3 43.9



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





#13

1,4-Dichlorobenzene

Concen: 43.717 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

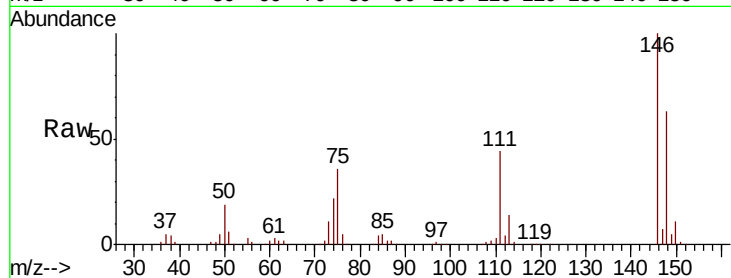
Tot Ion:146 Resp: 205774

Ion Ratio Lower Upper

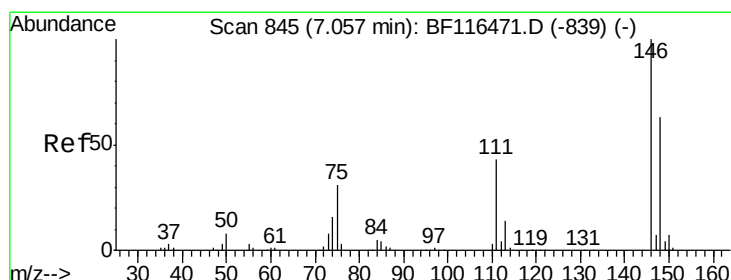
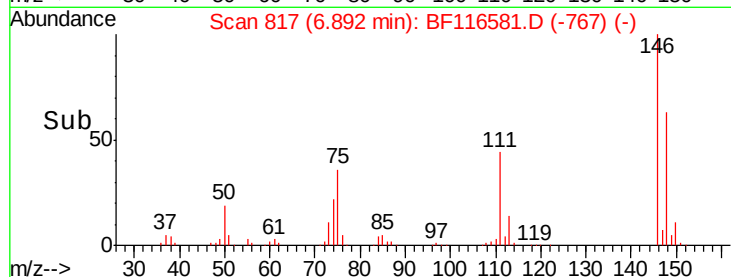
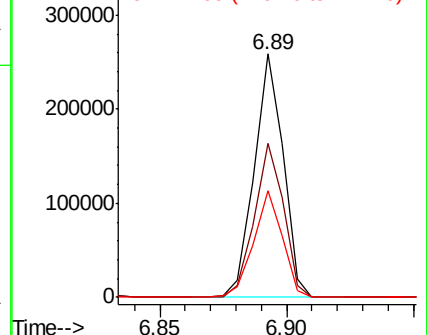
146 100

148 63.2 51.0 76.4

111 43.7 35.4 53.2



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



#14

1,2-Dichlorobenzene

Concen: 43.942 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

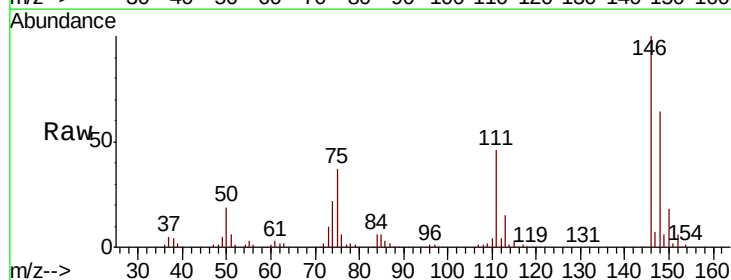
Tgt Ion:146 Resp: 195119

Ion Ratio Lower Upper

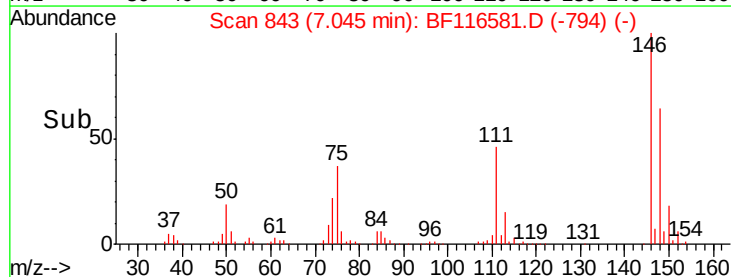
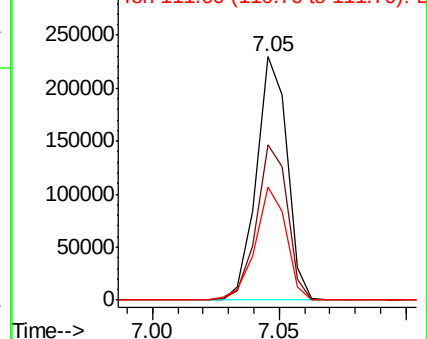
146 100

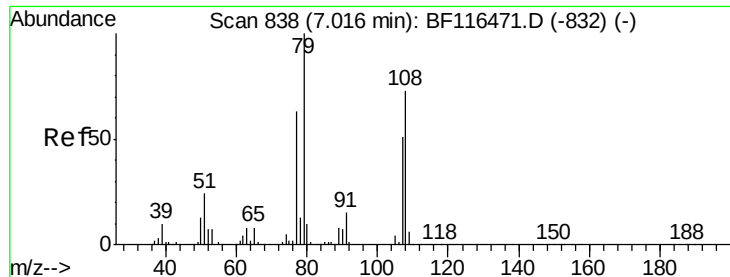
148 63.6 50.8 76.2

111 46.3 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 42.414 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampled :

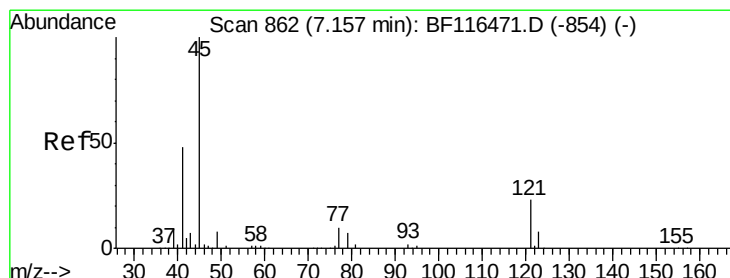
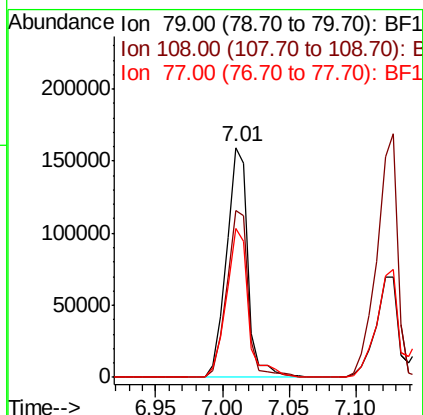
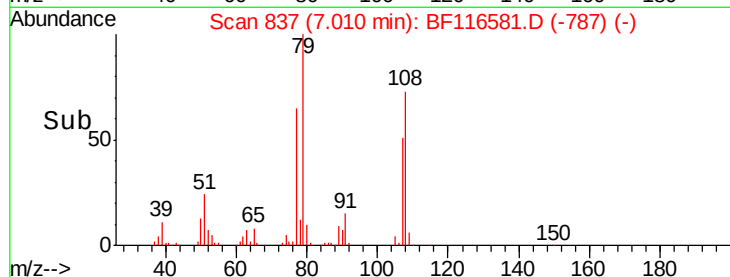
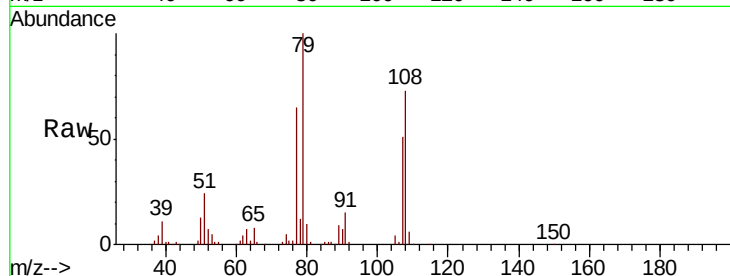
Tot Ion: 79 Resp: 181213

Ion Ratio Lower Upper

79 100

108 72.7 58.1 87.1

77 64.7 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.064 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

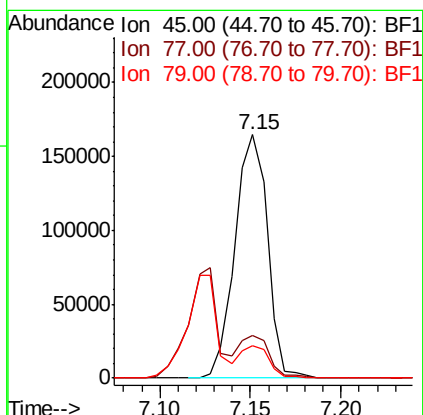
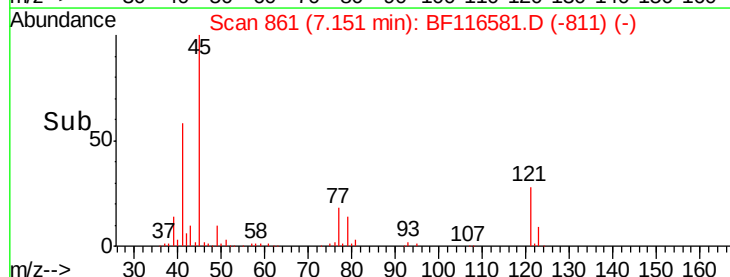
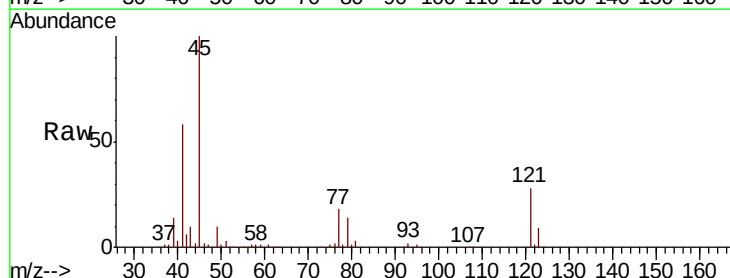
Tgt Ion: 45 Resp: 205593

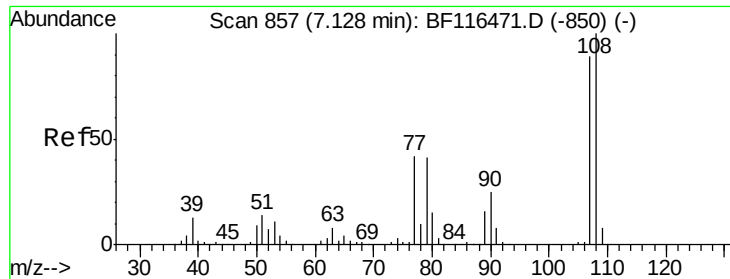
Ion Ratio Lower Upper

45 100

77 17.7 0.0 36.1

79 13.6 0.0 32.3





#17

2-Methylphenol

Concen: 43.102 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 161359

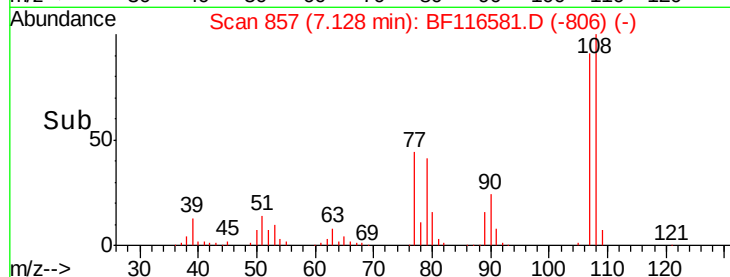
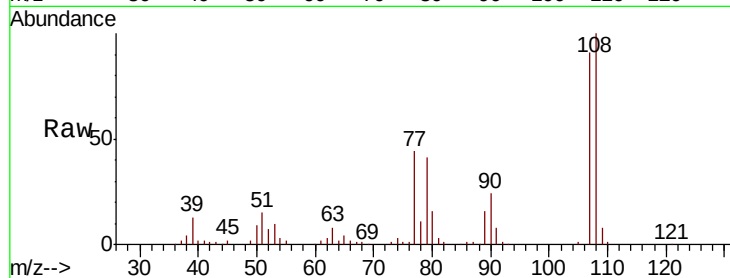
Ion Ratio Lower Upper

107 100

108 109.4 90.0 135.0

77 48.4 37.6 56.4

79 45.0 36.8 55.2

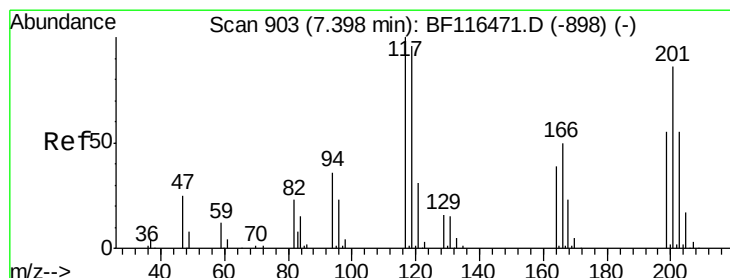
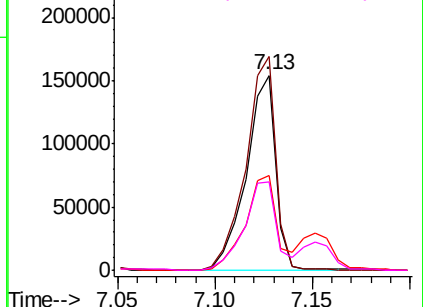


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.280 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

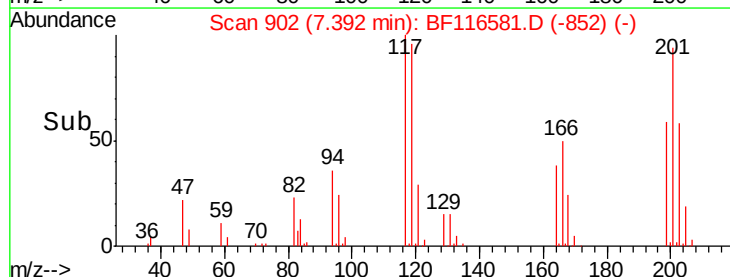
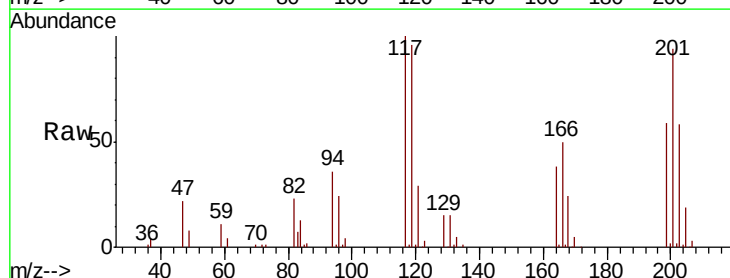
Tgt Ion:117 Resp: 77615

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

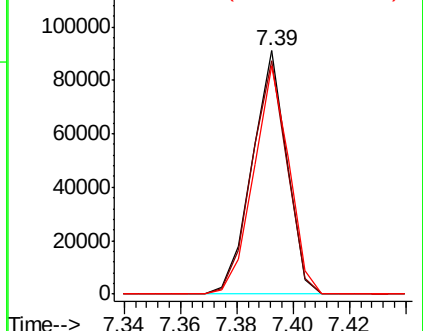
201 93.6 69.1 103.7

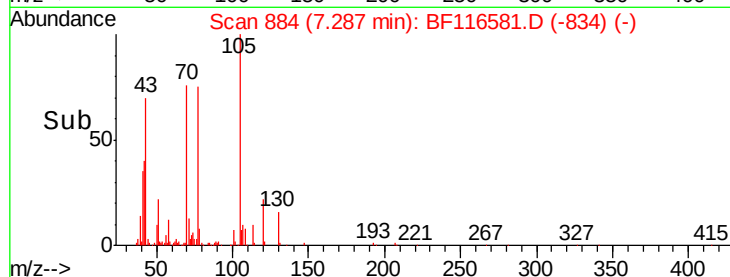
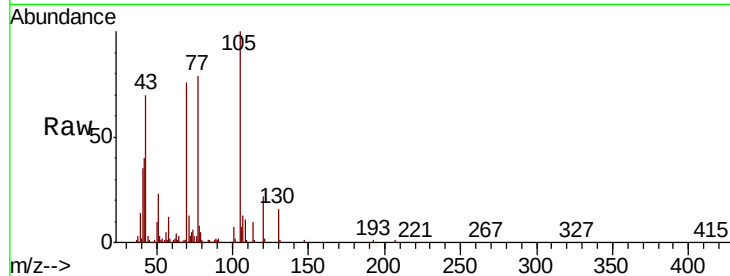
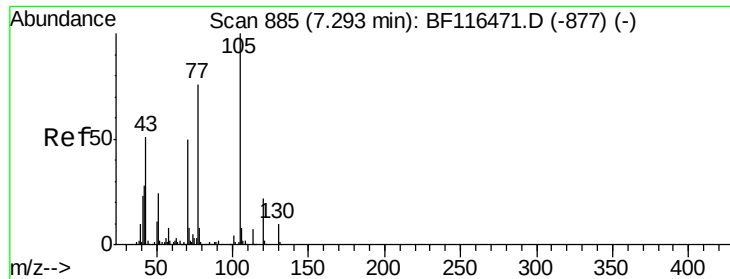


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

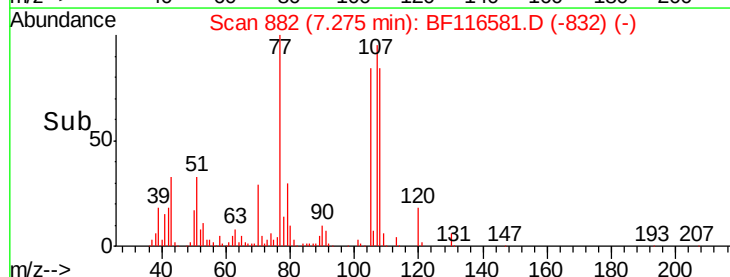
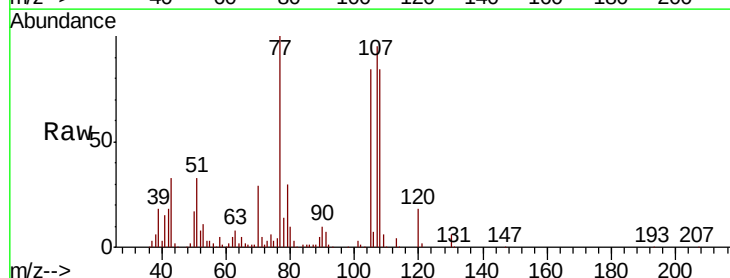
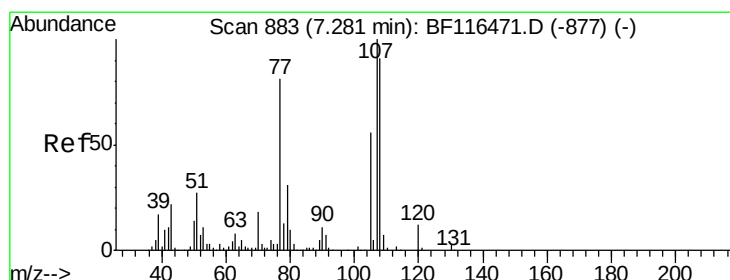
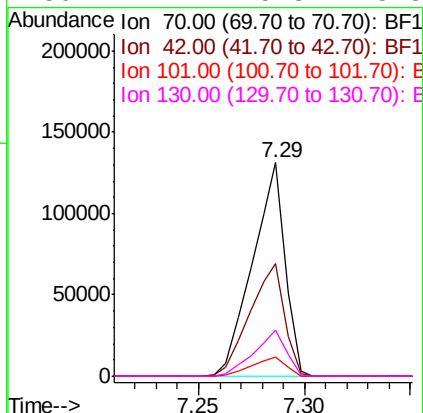




#19
n-Nitroso-di-n-propylamine
Concen: 38.841 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

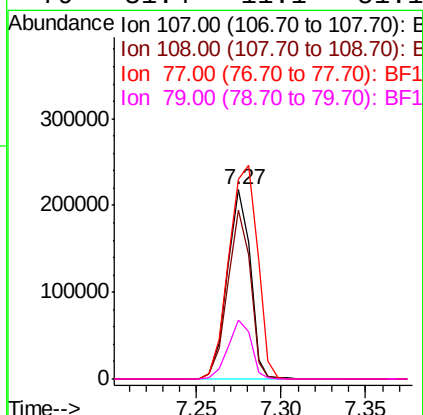
Instrument :
BNA_F
ClientSampleId :

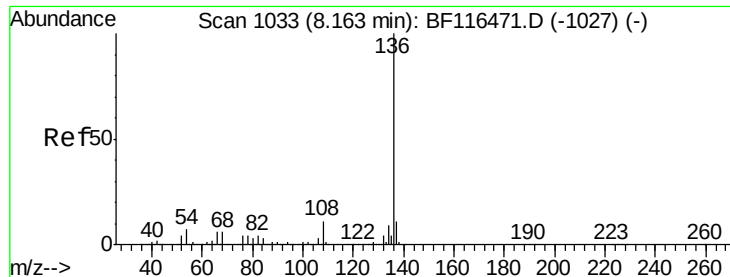
Tot Ion:	70	Resp:	139923
Ion	Ratio	Lower	Upper
70	100		
42	52.9	44.4	66.6
101	9.1	7.1	10.7
130	21.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 44.980 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	107	Resp:	206281
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.7	110.7
77	105.8	60.6	100.6#
79	31.4	11.1	51.1

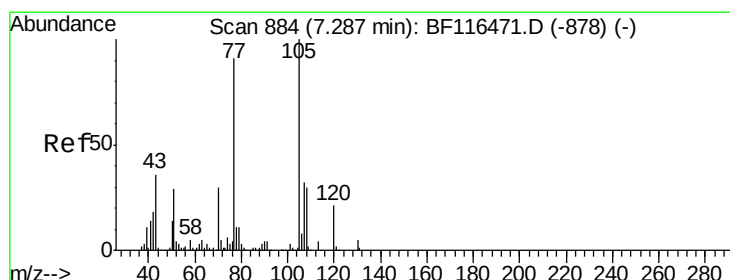
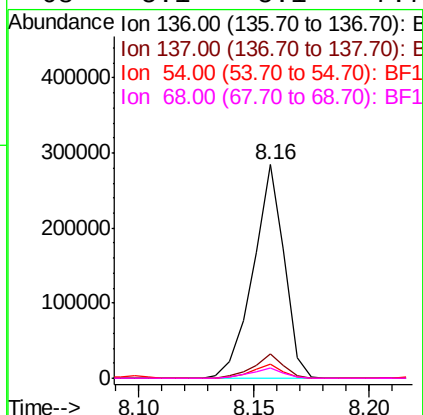
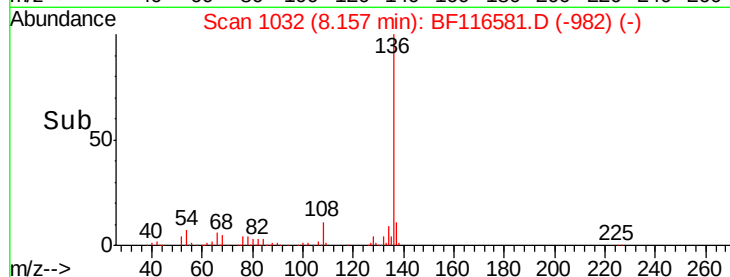
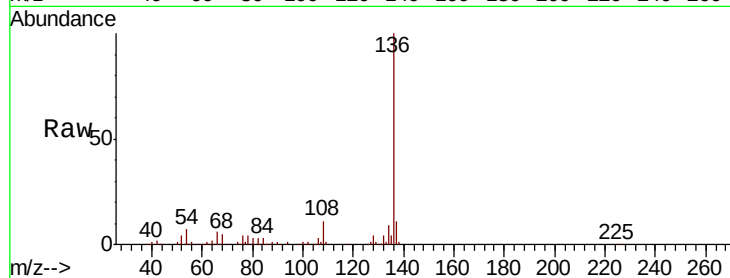




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

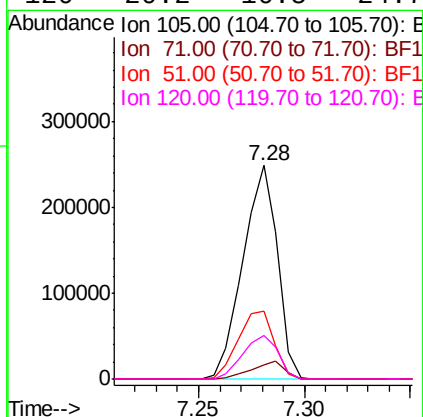
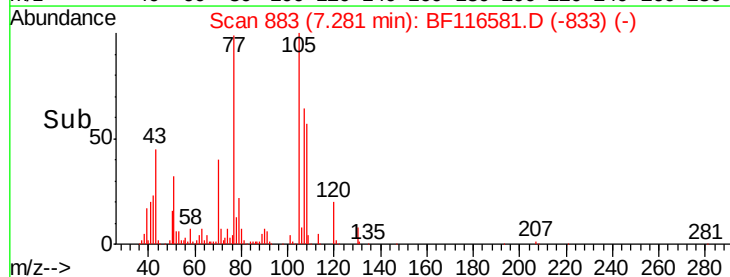
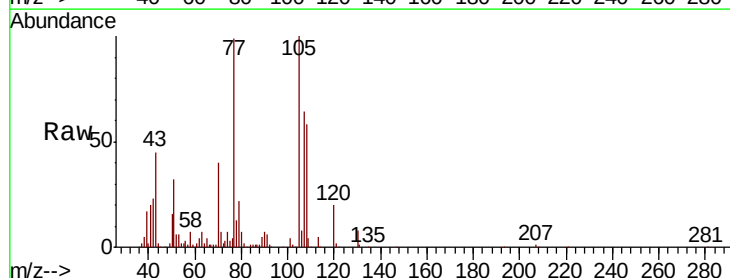
Instrument :
BNA_F
ClientSampleId :

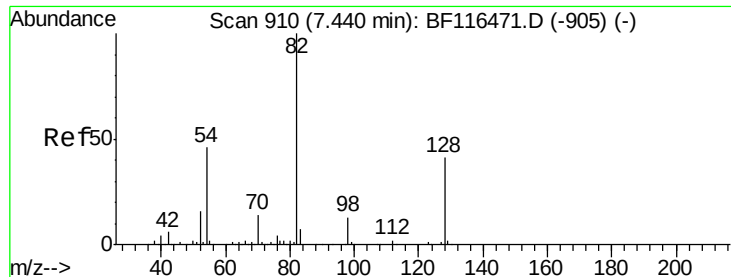
Tot Ion:136	Resp:	266243
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 6.5	5.8	8.6
68 5.1	5.1	7.7#



#22
Acetophenone
Concen: 42.268 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt	Ion:105	Resp:	281404
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.2	6.2#
51	31.6	23.0	34.4
120	20.2	16.5	24.7

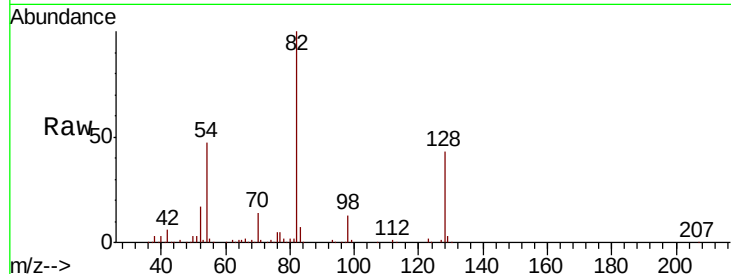




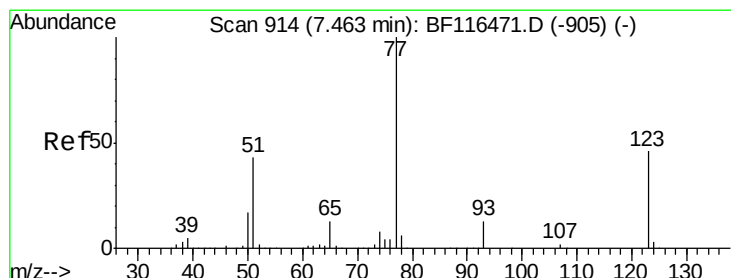
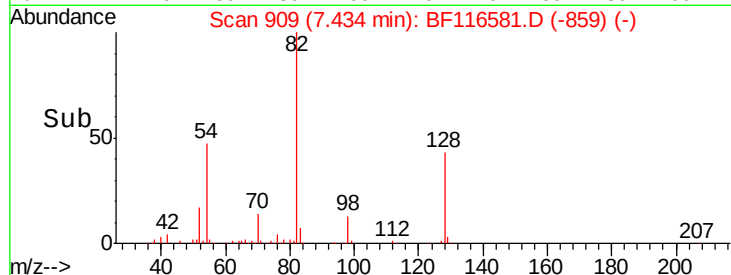
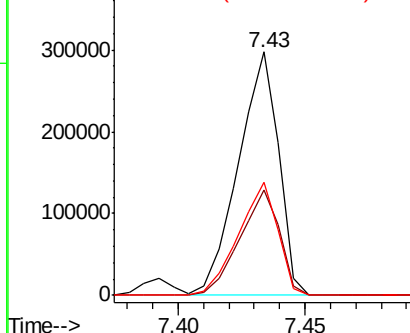
#23
 Nitrobenzene-d5
 Concen: 67.543 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	328695
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.2	48.4
54	46.5	36.5	54.7

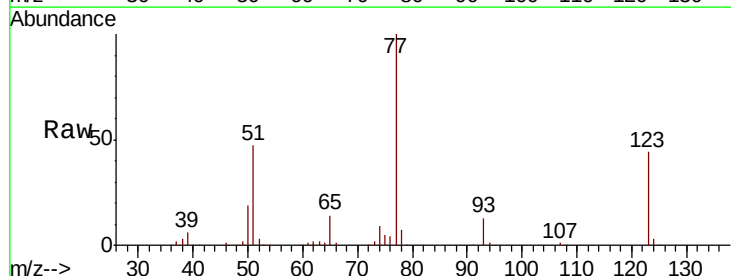


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

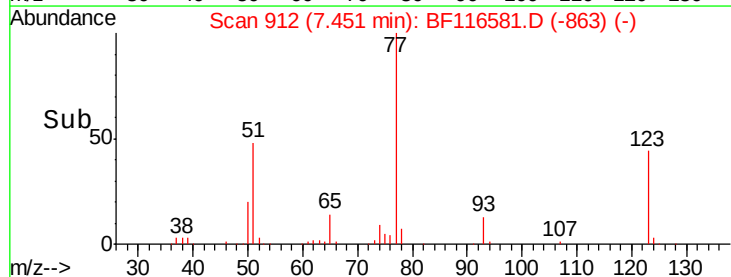
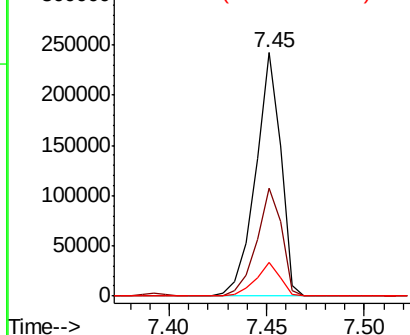


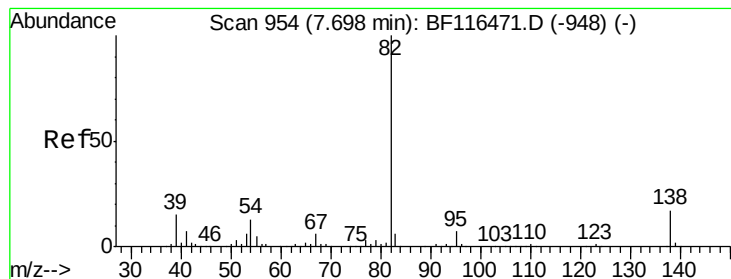
#24
 Nitrobenzene
 Concen: 42.731 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	77	Resp	215352
Ion Ratio	Lower	Upper	
77	100		
123	44.1	37.0	55.4
65	13.7	10.5	15.7



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: 39.235 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

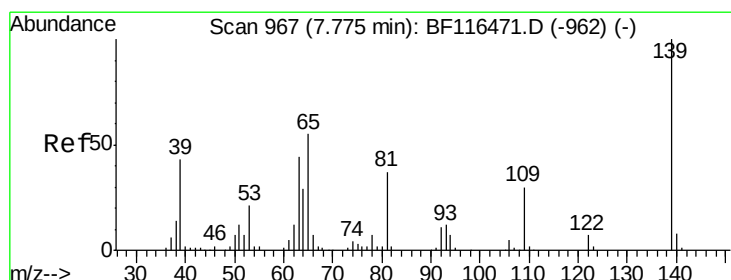
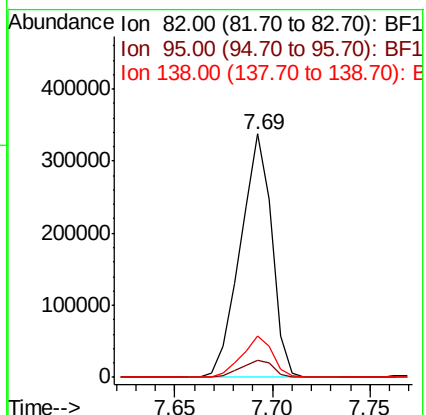
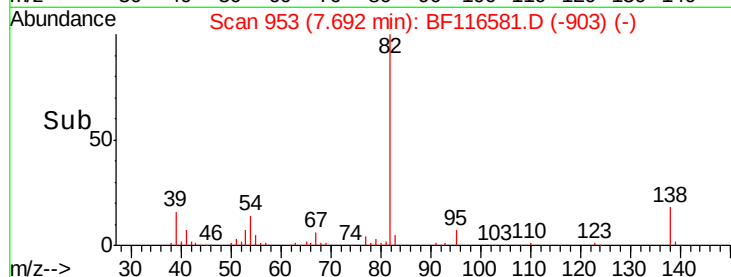
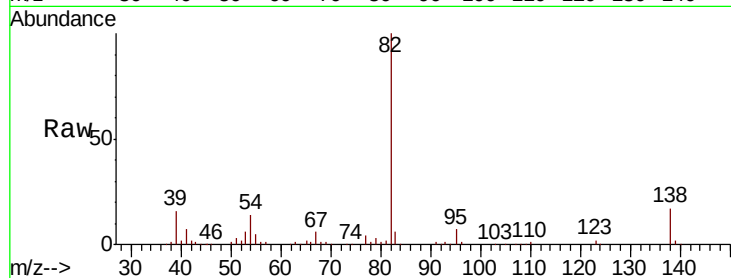
Tot Ion: 82 Resp: 376264

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 17.1 13.3 19.9



#26

2-Nitrophenol

Concen: 54.263 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

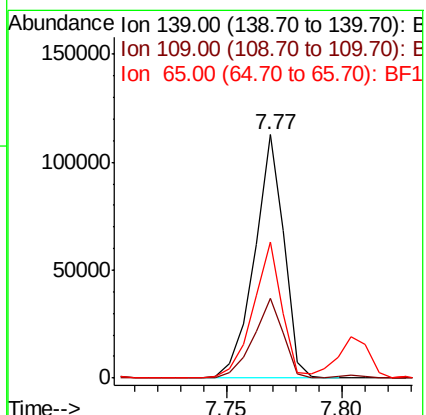
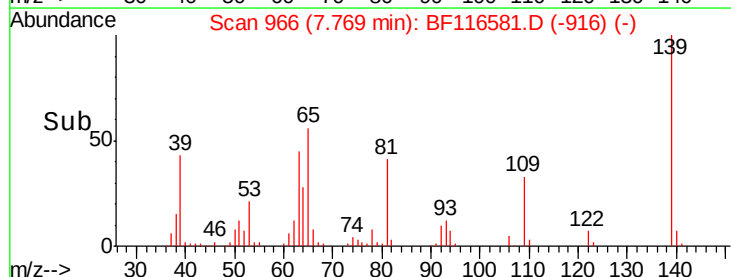
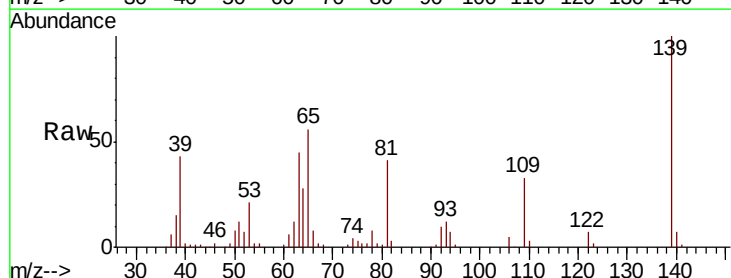
Tgt Ion: 139 Resp: 99891

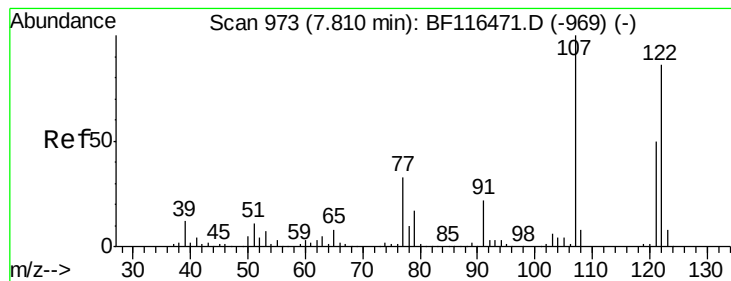
Ion Ratio Lower Upper

139 100

109 32.9 24.3 36.5

65 55.9 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 44.633 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

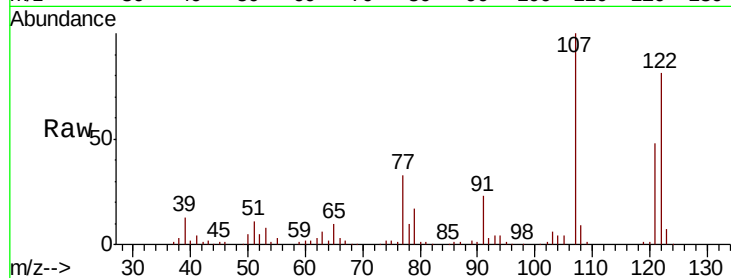
Tot Ion:122 Resp: 171437

Ion Ratio Lower Upper

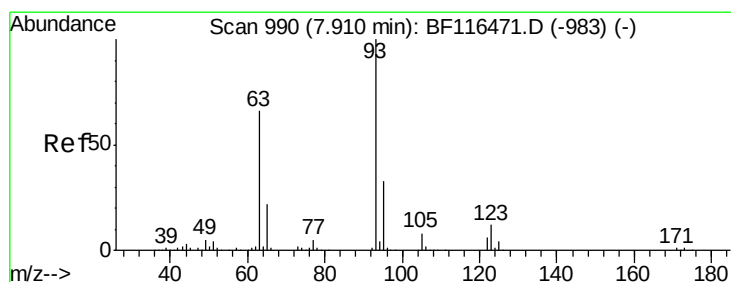
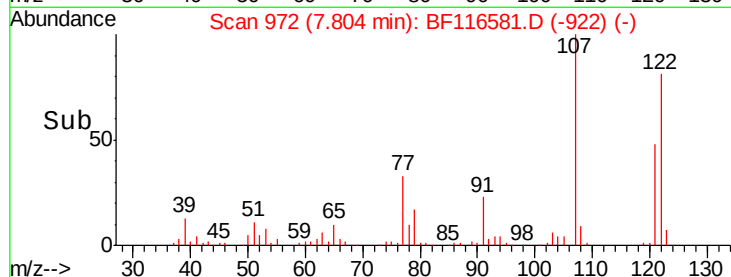
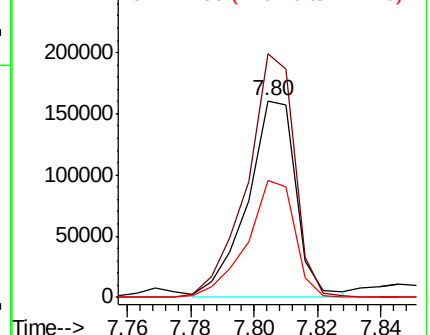
122 100

107 124.0 92.4 138.6

121 59.8 46.2 69.4



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: 37.984 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

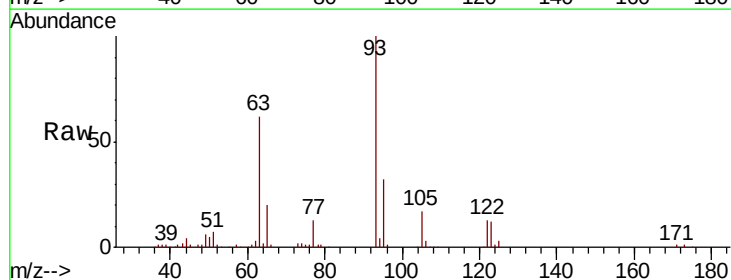
Tgt Ion: 93 Resp: 224960

Ion Ratio Lower Upper

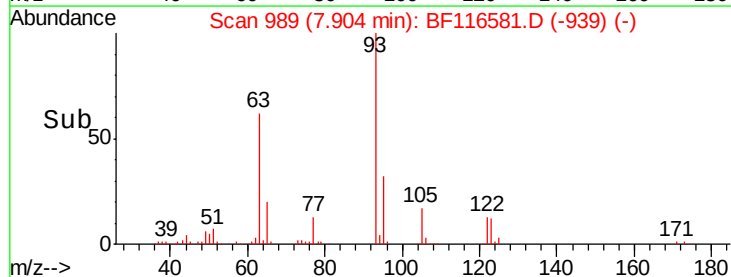
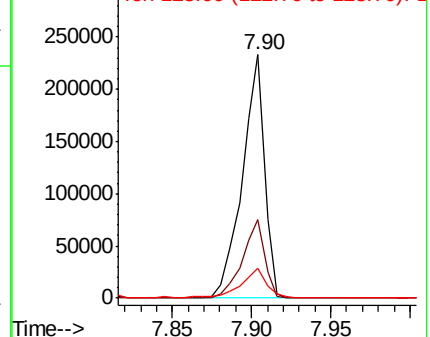
93 100

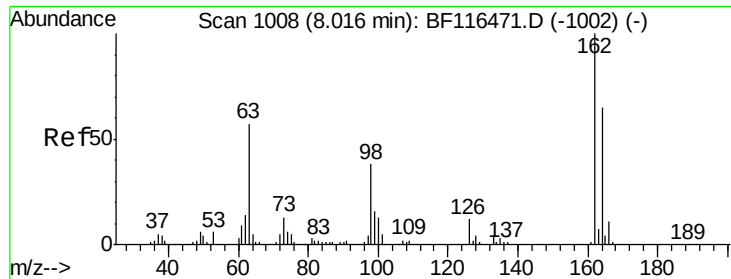
95 32.3 26.3 39.5

123 12.2 9.8 14.6



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

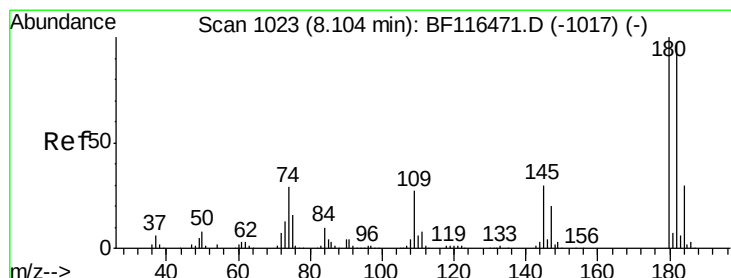
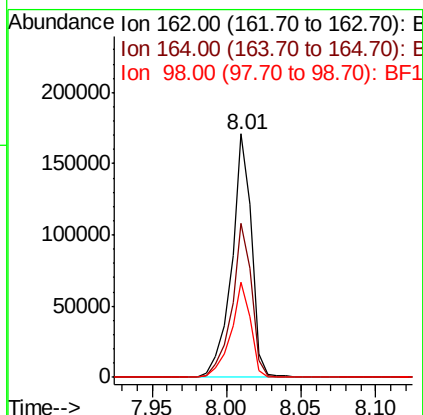
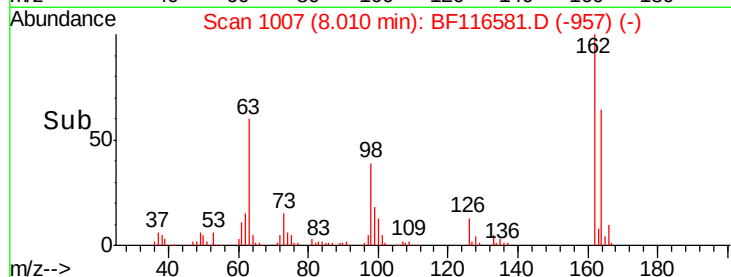
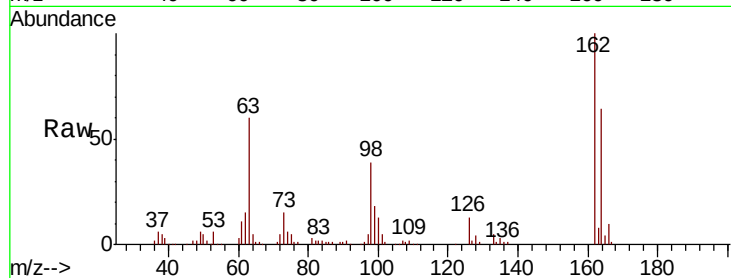




#29
2,4-Dichlorophenol
Concen: 43.891 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

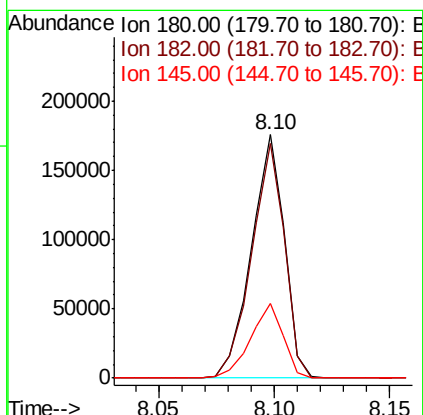
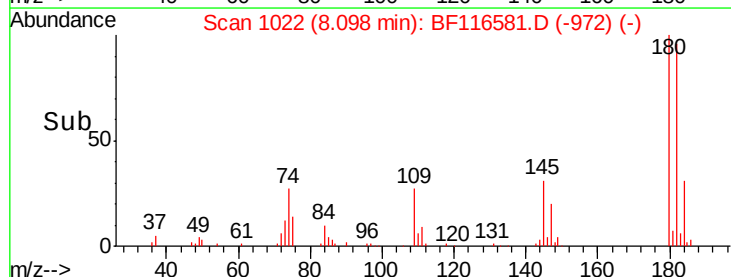
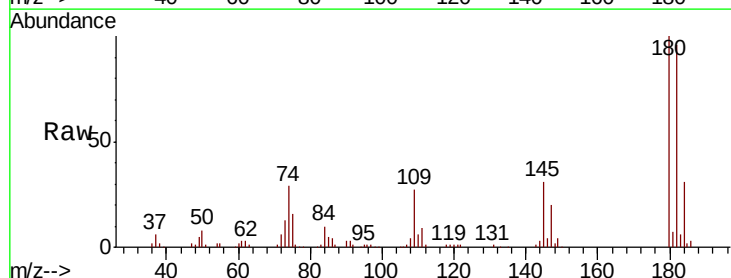
Instrument :
BNA_F
ClientSampled :

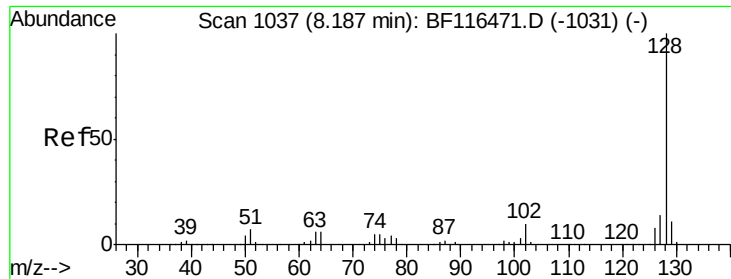
Tot Ion	162	Resp	160326
Ion Ratio	100	Lower	Upper
162	100		
164	63.5	44.9	84.9
98	38.9	17.9	57.9



#30
1,2,4-Trichlorobenzene
Concen: 42.601 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	180	Resp	175186
Ion Ratio	100	Lower	Upper
180	100		
182	96.5	77.4	116.0
145	30.6	24.3	36.5

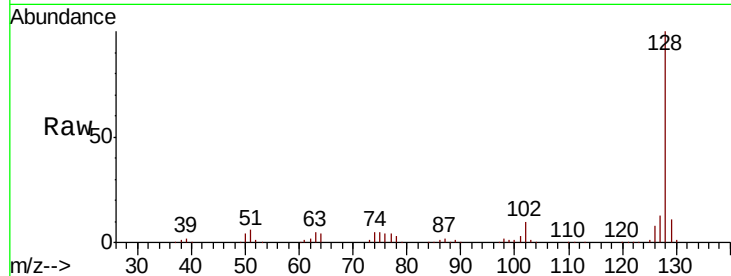




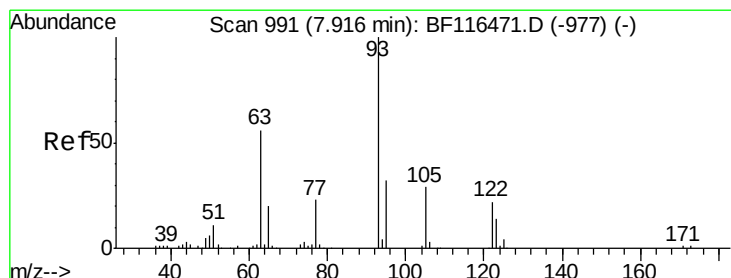
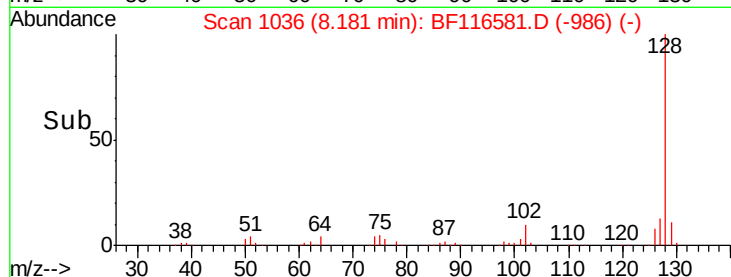
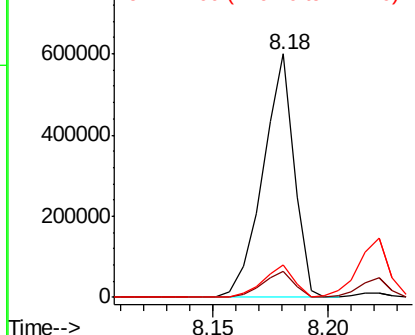
#31
Naphthalene
Concen: 43.685 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 562644
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.9 16.3

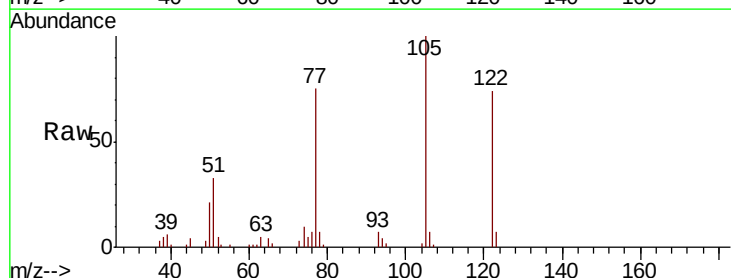


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

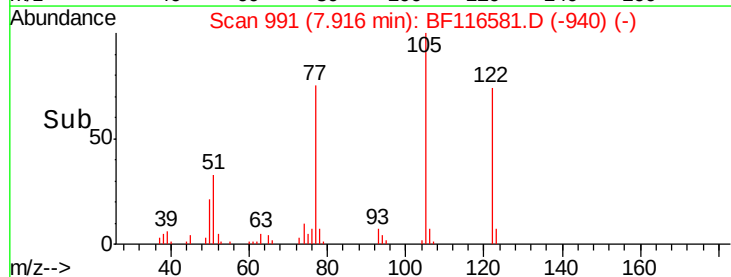
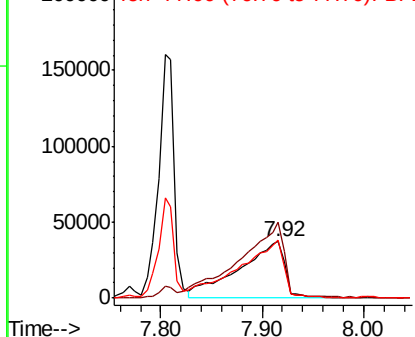


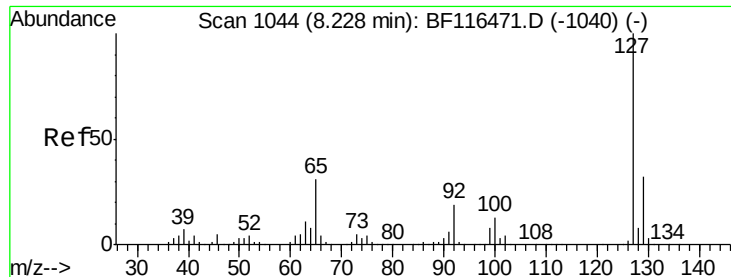
#32
Benzoic acid
Concen: 46.867 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:122 Resp: 115083
Ion Ratio Lower Upper
122 100
105 135.7 109.9 149.9
77 101.8 84.9 124.9



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

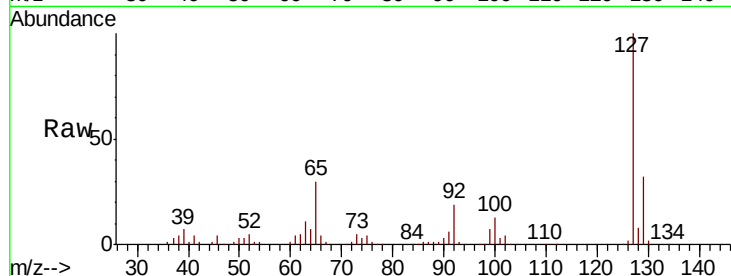




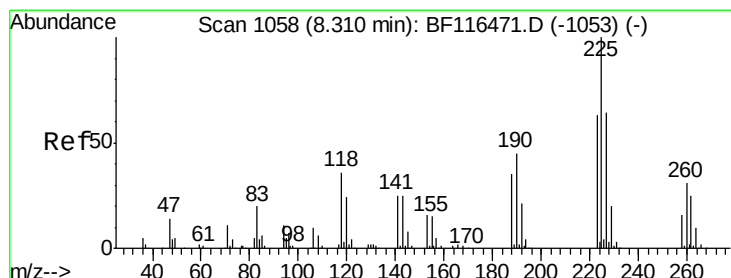
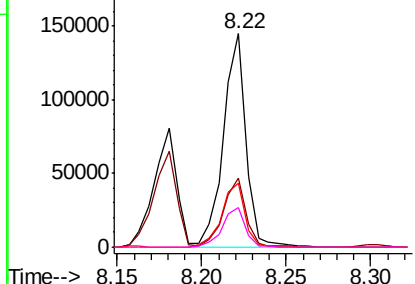
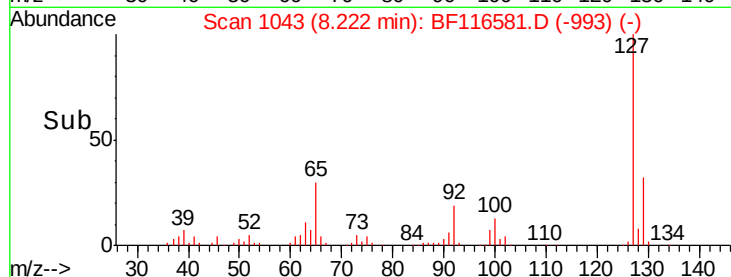
#33
4-Chloroaniline
Concen: 23.844 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	134817
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	29.7	25.0	37.6
92	18.7	15.0	22.6

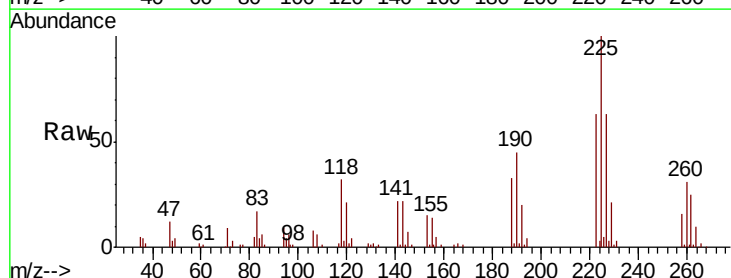


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

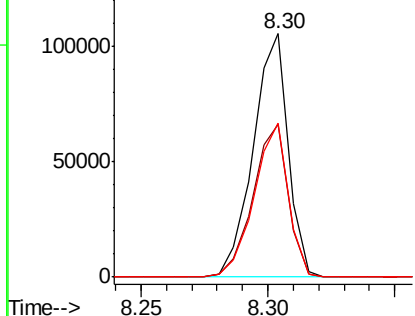
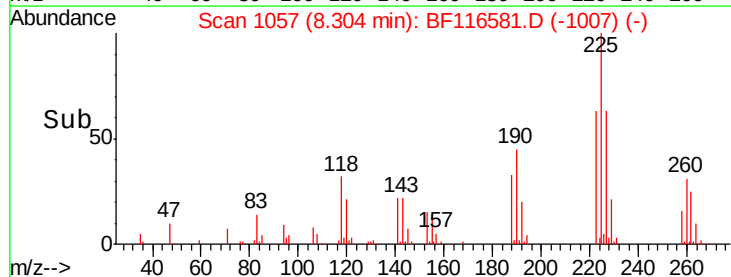


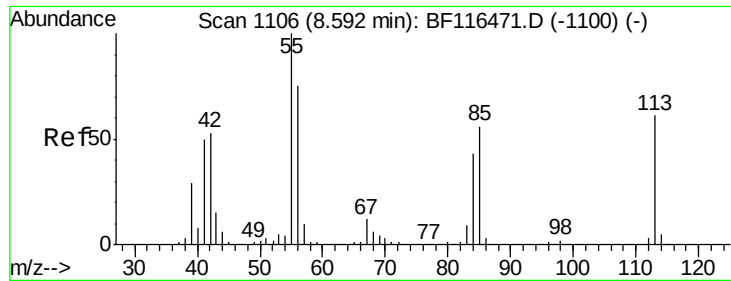
#34
Hexachlorobutadiene
Concen: 45.088 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	225	Resp:	101118
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.2	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

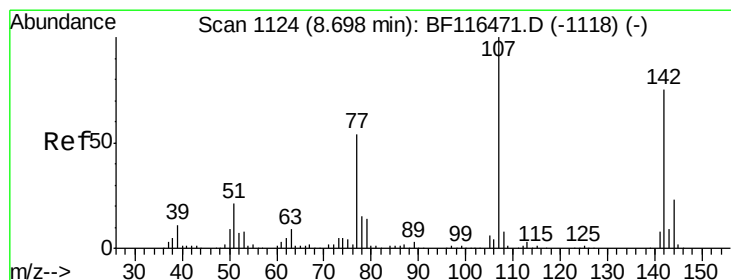
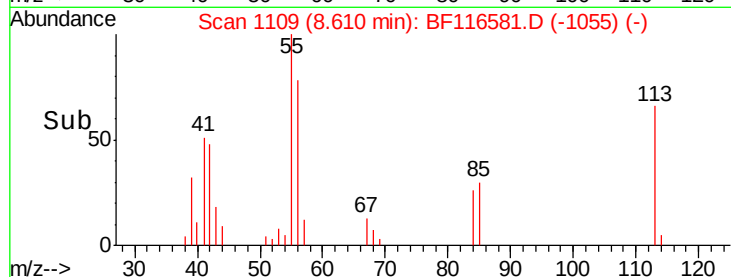
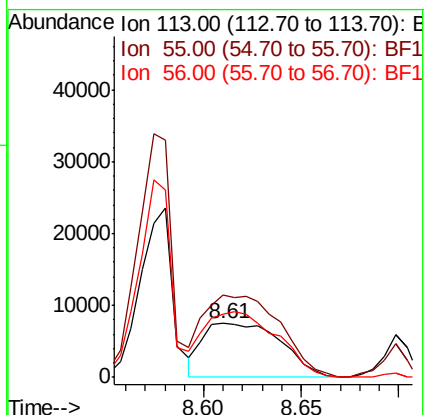
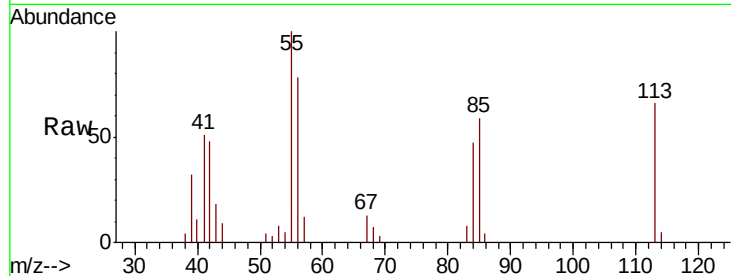




#35
Caprolactam
Concen: 16.527 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

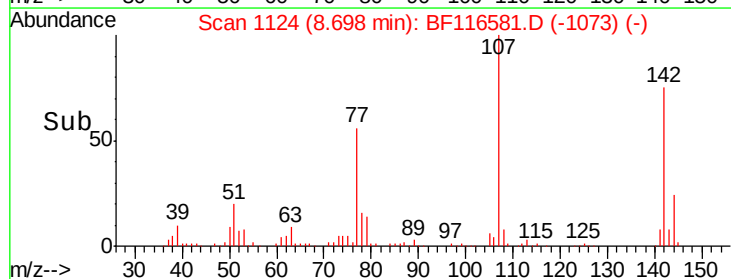
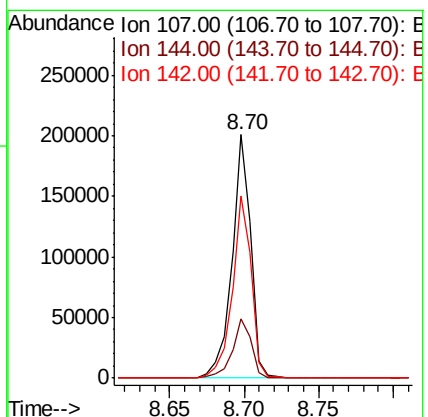
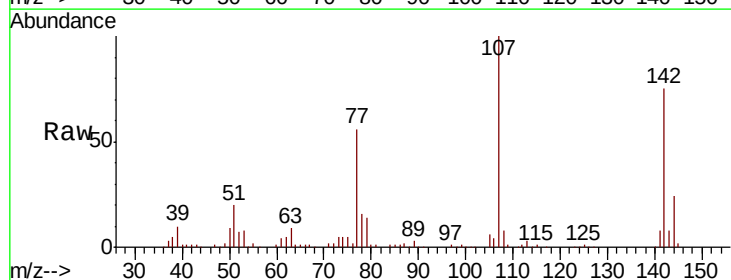
Instrument :
BNA_F
ClientSampleId :

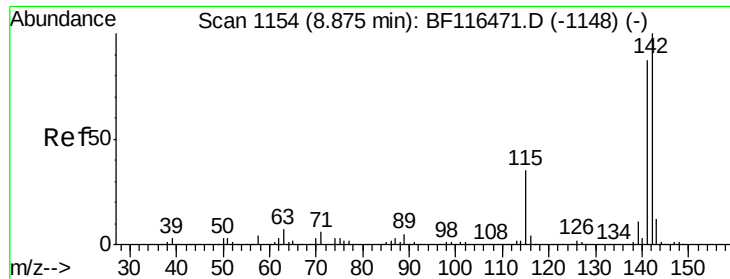
Tot Ion:113 Resp: 21028
Ion Ratio Lower Upper
113 100
55 151.9 143.6 183.6
56 118.1 102.3 142.3



#36
4-Chloro-3-methylphenol
Concen: 43.382 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:107 Resp: 178799
Ion Ratio Lower Upper
107 100
144 24.4 18.8 28.2
142 74.8 59.8 89.6

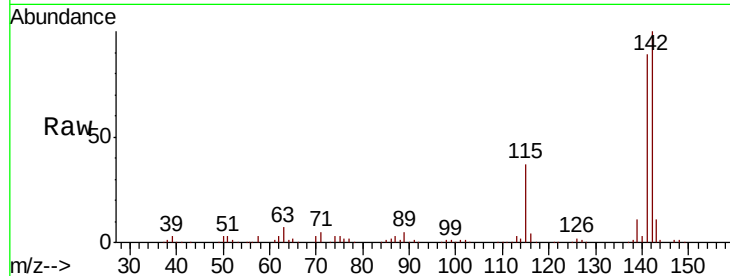




#37
 2-Methylnaphthalene
 Concen: 42.527 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.6
115	37.0	27.7	41.5

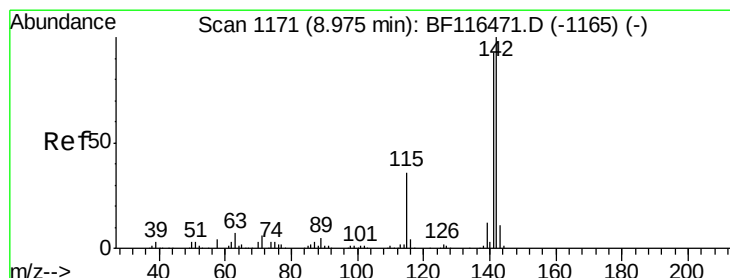
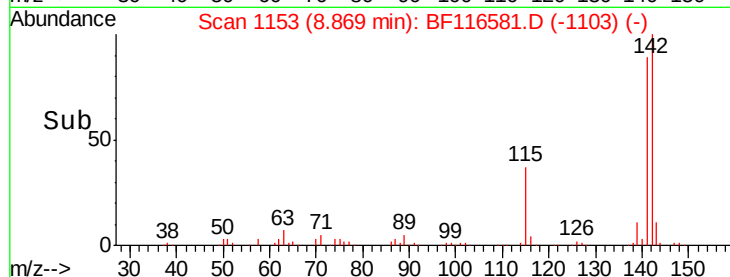
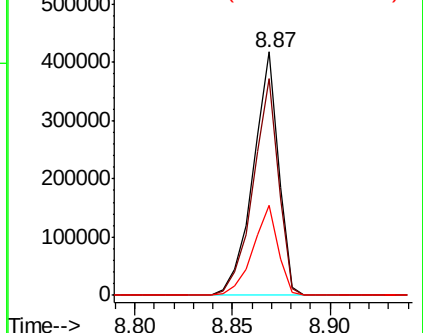


Abundance

Ion 142.00 (141.70 to 142.70): E

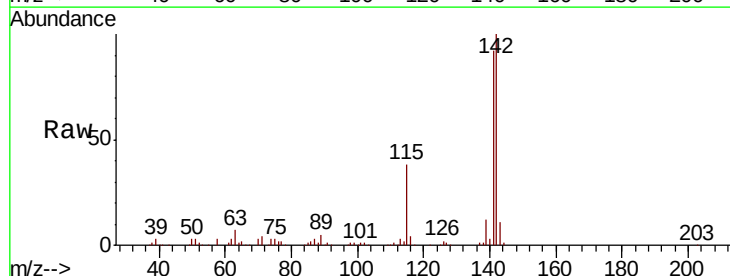
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.362 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.2
116	4.0	2.9	4.3

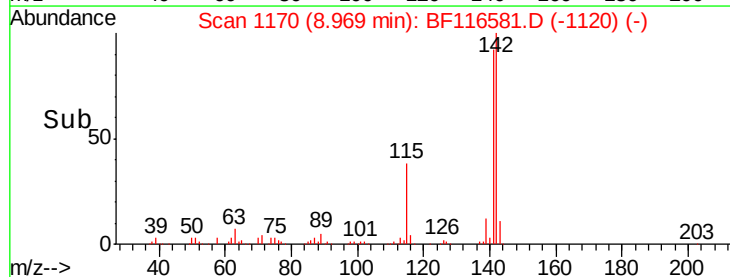
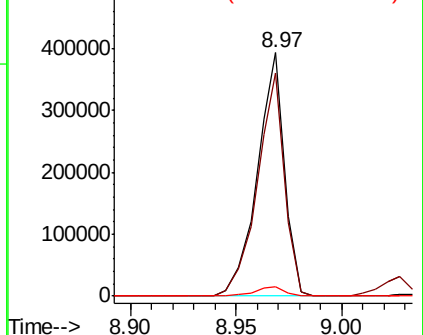


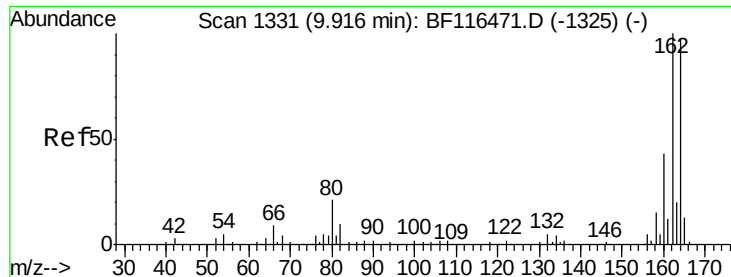
Abundance

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

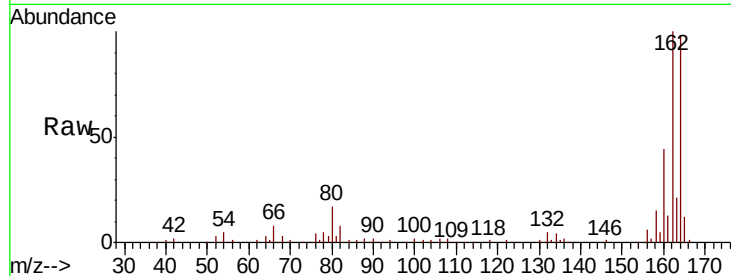




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.3	35.8	53.8

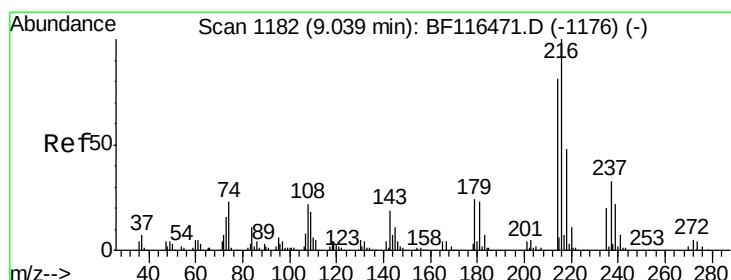
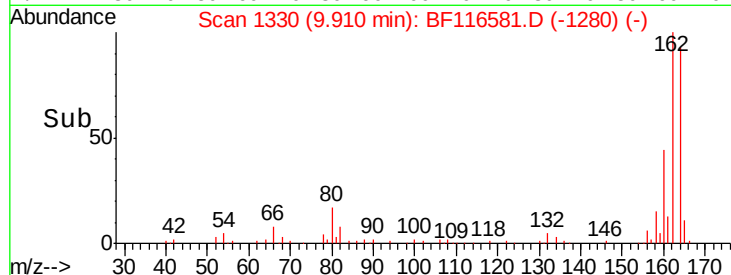
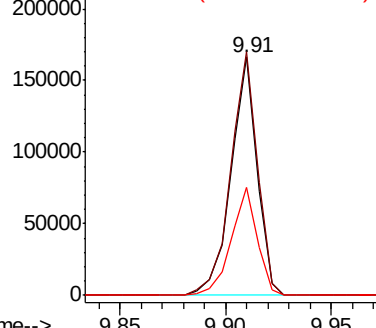


Abundance

Ion 164.00 (163.70 to 164.70): E

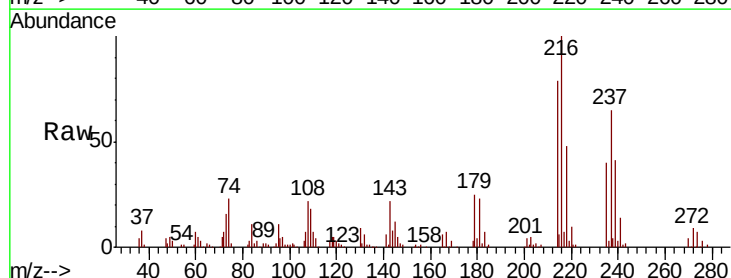
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.827 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	24.6	18.5	27.7
108	24.0	17.3	25.9



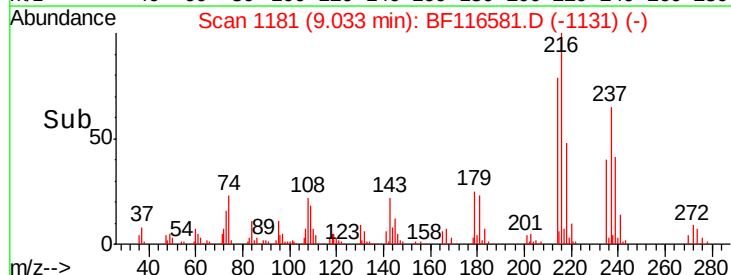
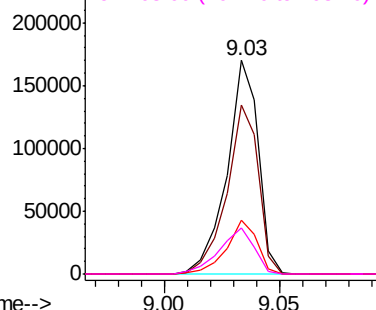
Abundance

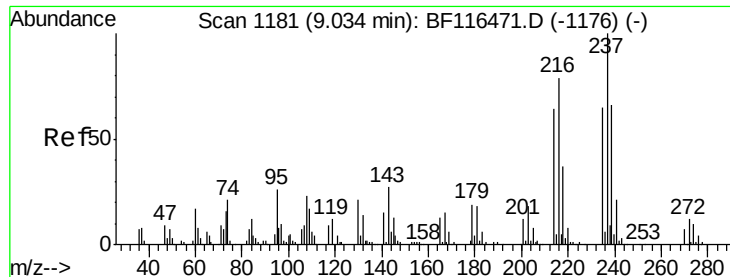
Ion 216.00 (215.70 to 216.70): E

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

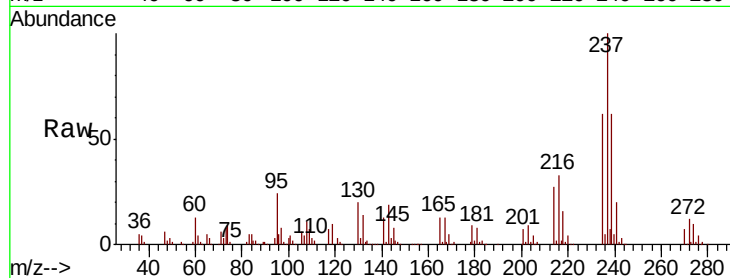




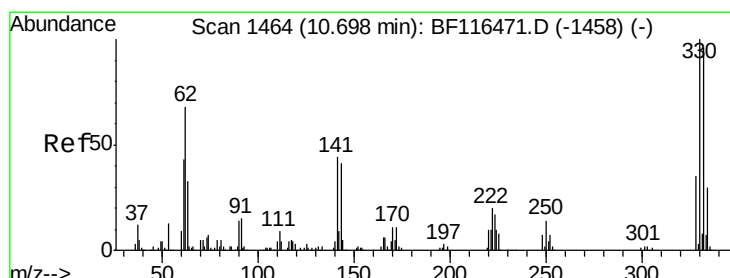
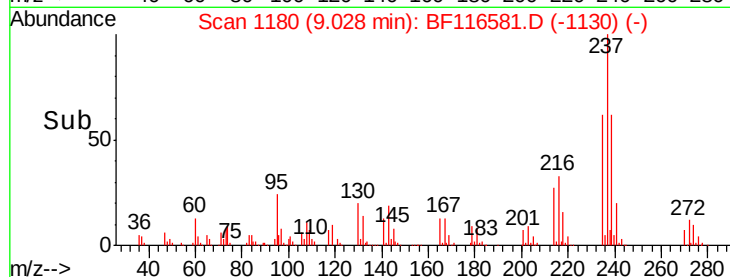
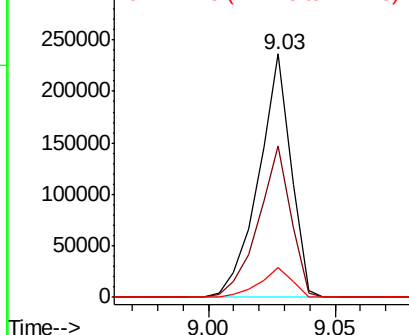
#41
Hexachlorocyclopentadiene
Concen: 101.019 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.3	0.0	32.5

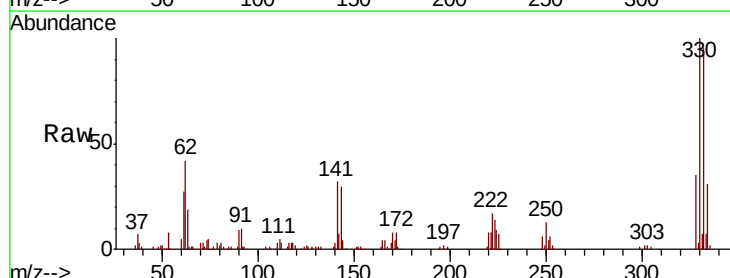


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

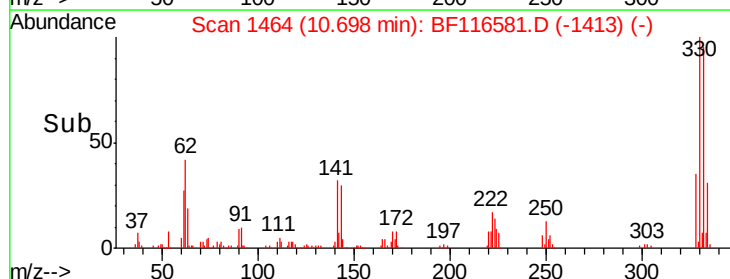
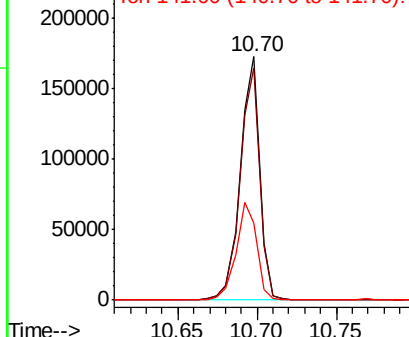


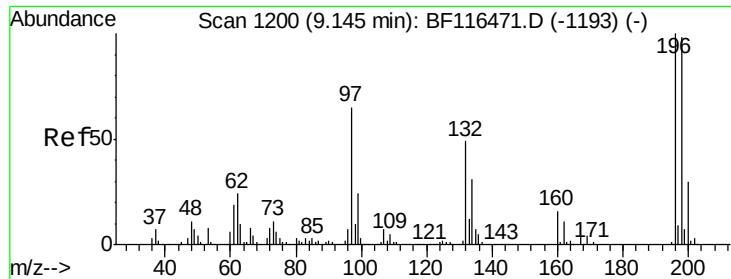
#42
2,4,6-Tribromophenol
Concen: 119.392 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	42.3	33.3	49.9



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

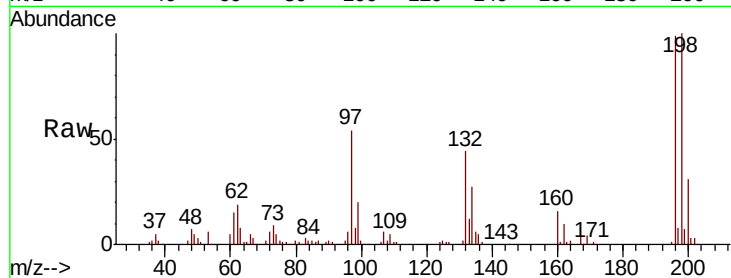




#43
 2,4,6-Trichlorophenol
 Concen: 41.622 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	112230
Ion	Ratio	Lower	Upper
196	100		
198	101.2	78.0	117.0
200	31.3	24.2	36.2

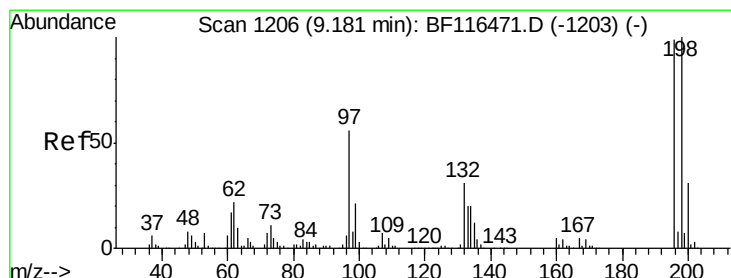
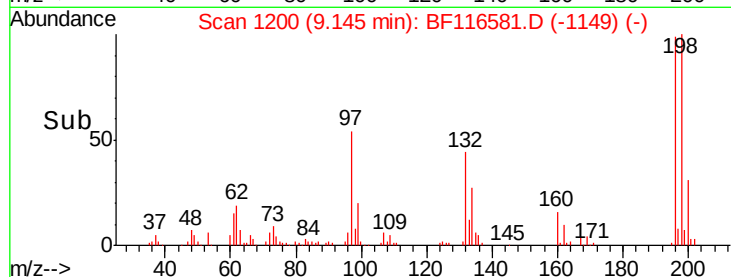
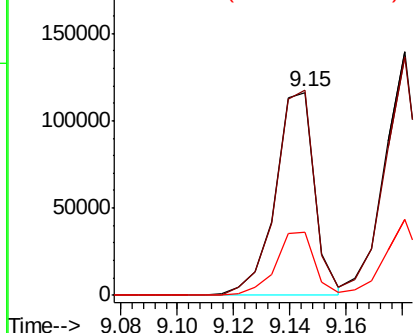


Abundance

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: 43.804 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	196	Resp	120181
Ion	Ratio	Lower	Upper
196	100		
198	98.1	80.8	121.2
97	55.7	45.7	68.5
132	30.7	25.1	37.7

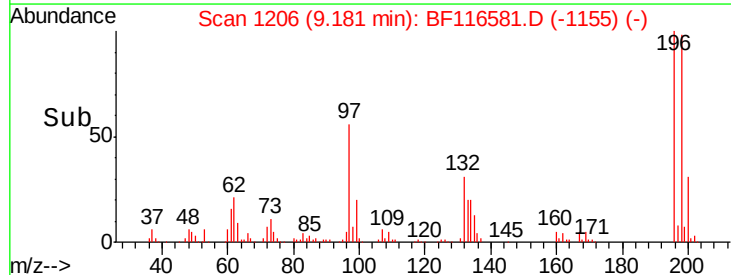
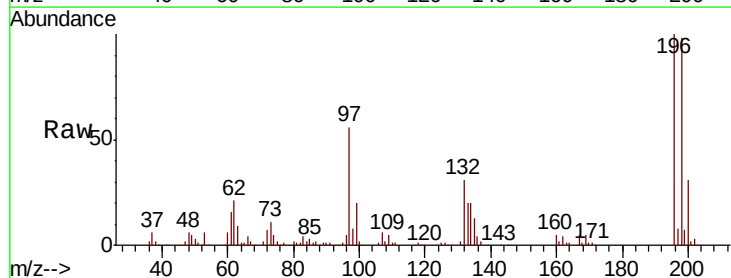
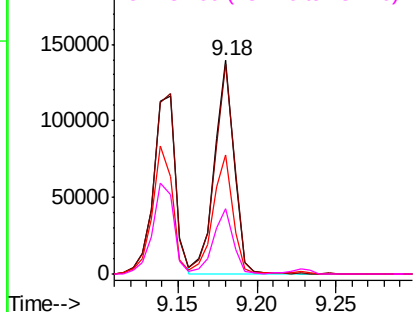
Abundance

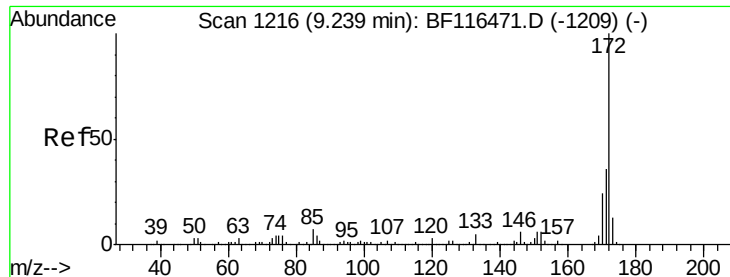
Ion 196.00 (195.70 to 196.70): E

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

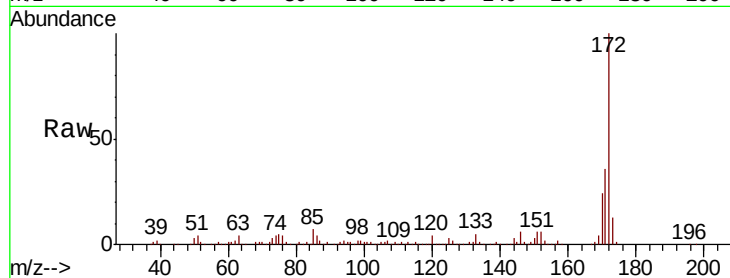




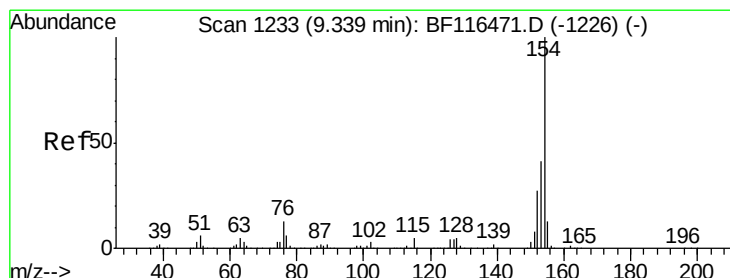
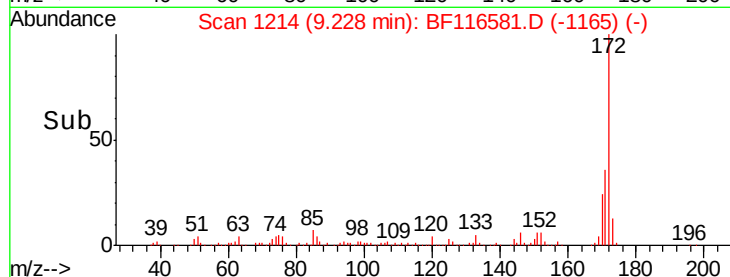
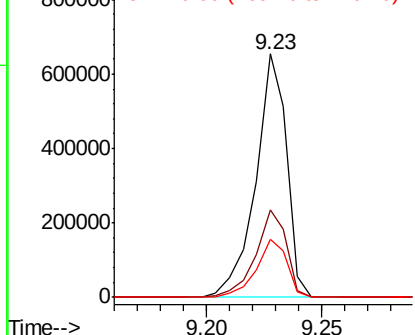
#45
2-Fluorobiphenyl
Concen: 68.429 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 608488
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.8 19.4 29.0

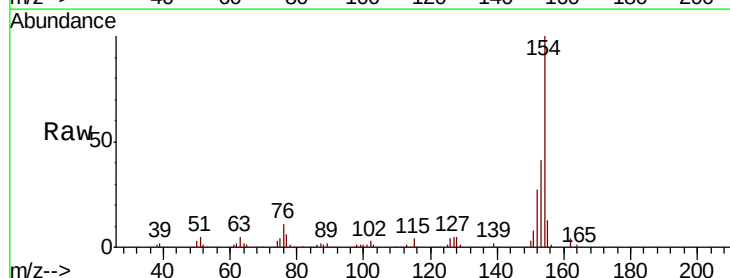


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

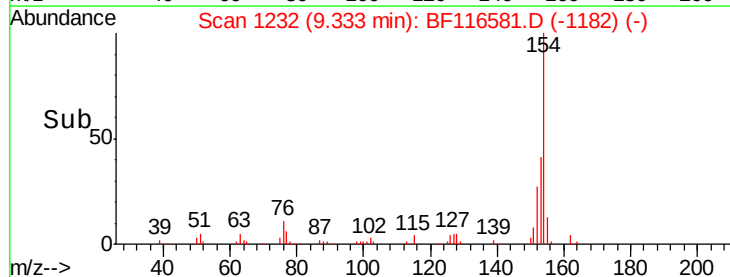
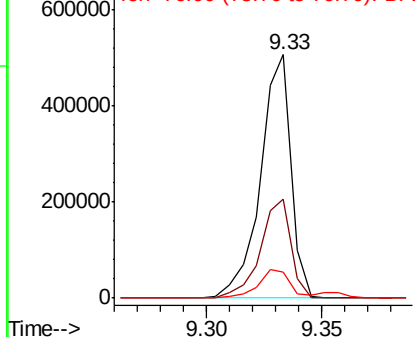


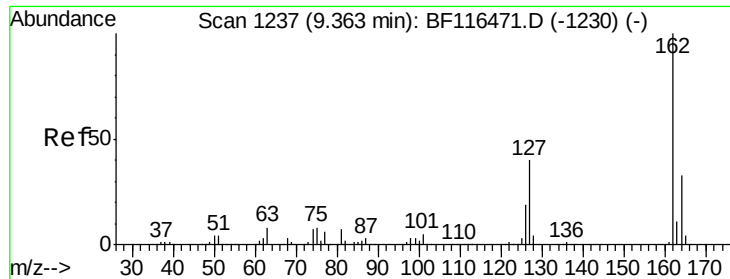
#46
1,1'-Biphenyl
Concen: 40.717 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:154 Resp: 466177
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 10.9 0.0 32.9



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

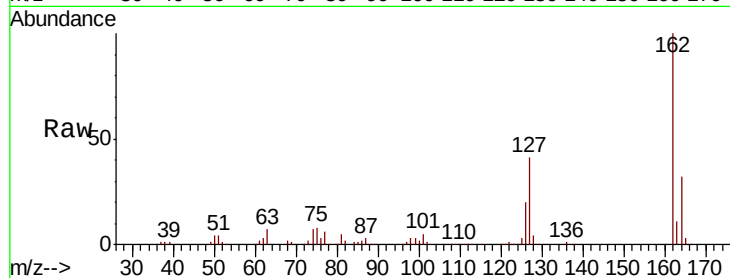




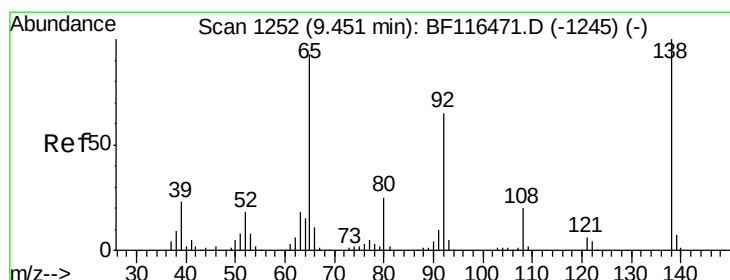
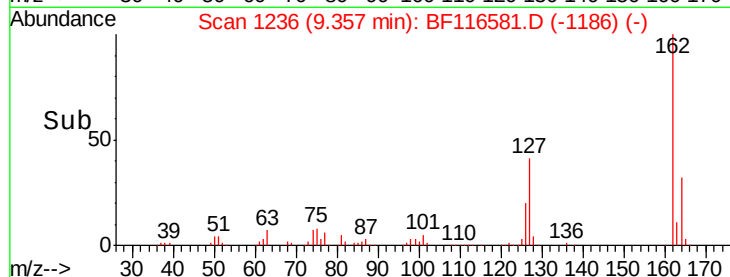
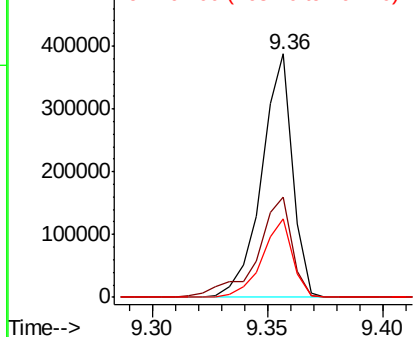
#47
 2-Chloronaphthalene
 Concen: 40.564 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 360043
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.5 48.7
 164 32.5 26.7 40.1

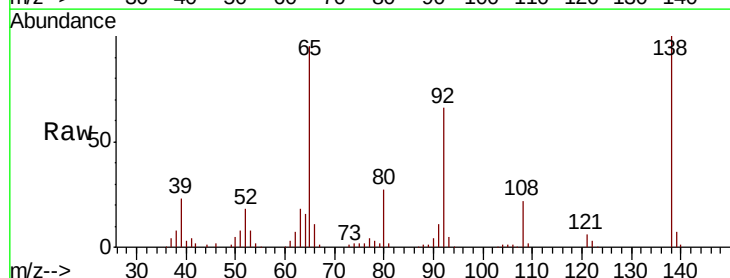


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

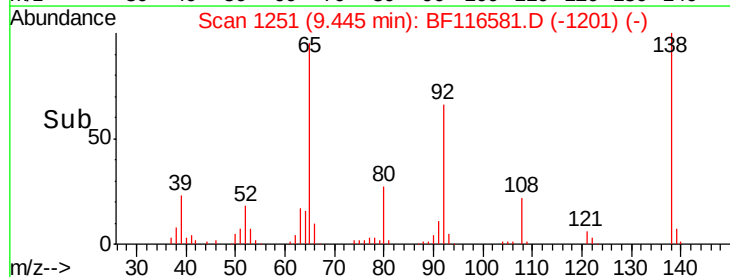
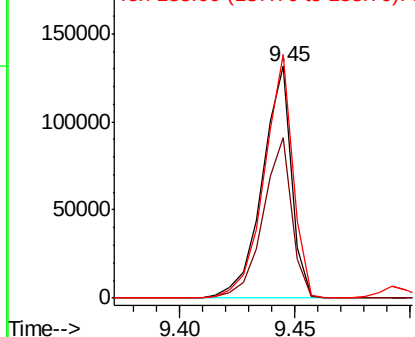


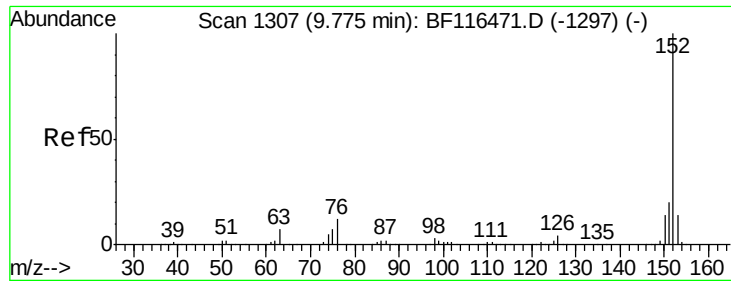
#48
 2-Nitroaniline
 Concen: 42.449 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion: 65 Resp: 115364
 Ion Ratio Lower Upper
 65 100
 92 69.4 56.2 84.2
 138 105.2 86.0 129.0



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: 42.921 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

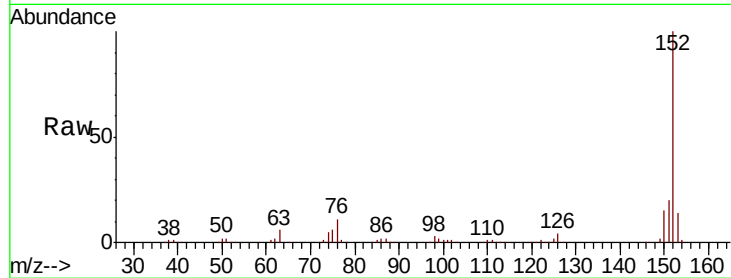
Tot Ion:152 Resp: 557370

Ion Ratio Lower Upper

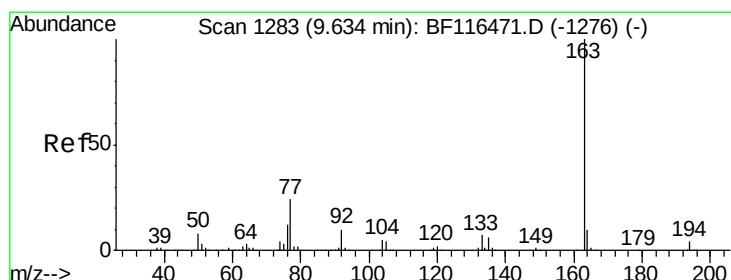
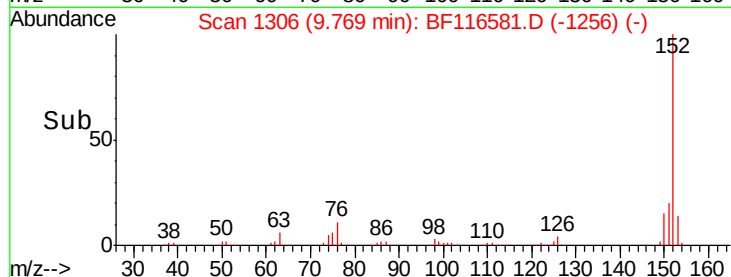
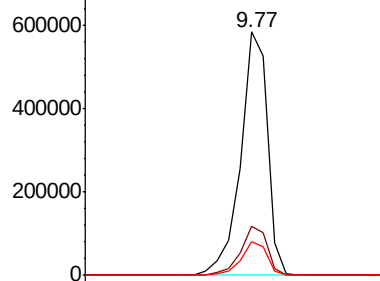
152 100

151 20.4 16.1 24.1

153 13.7 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.857 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

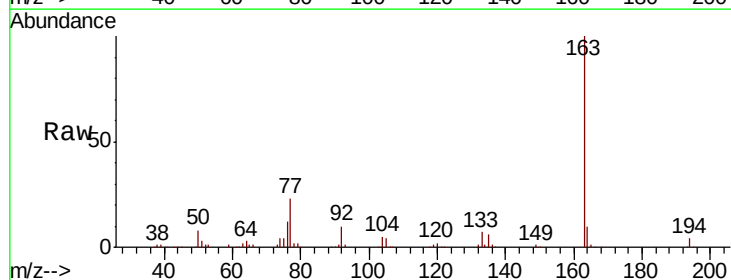
Tgt Ion:163 Resp: 408215

Ion Ratio Lower Upper

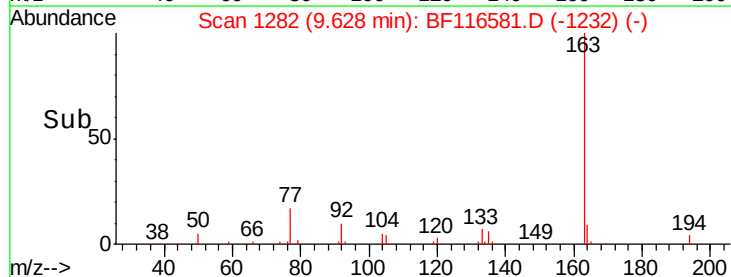
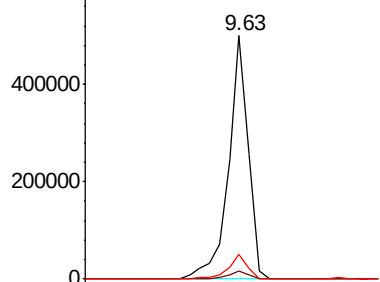
163 100

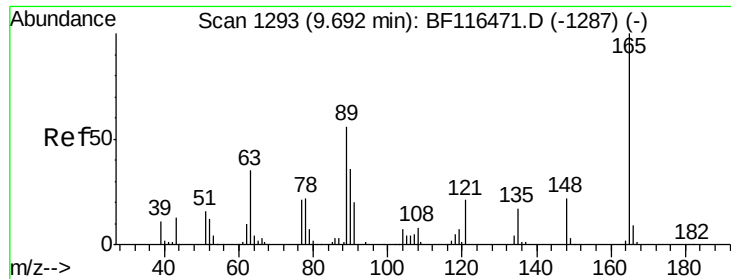
194 3.6 2.9 4.3

164 10.2 8.2 12.2



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

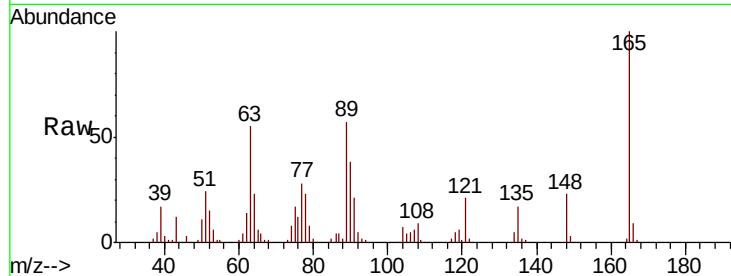




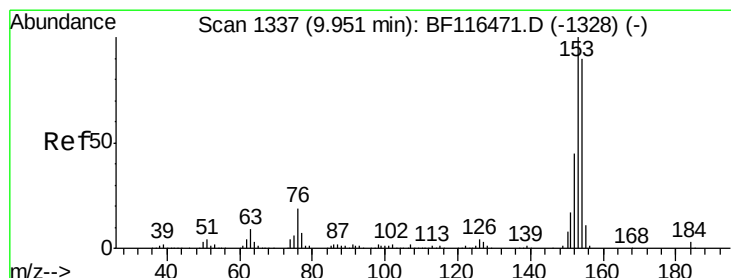
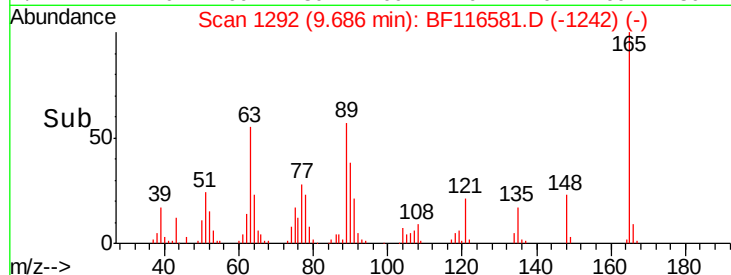
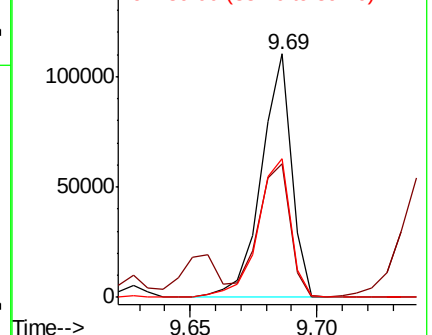
#51
 2,6-Dinitrotoluene
 Concen: 45.060 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 92150
 Ion Ratio Lower Upper
 165 100
 63 54.7 43.7 65.5
 89 57.0 45.1 67.7

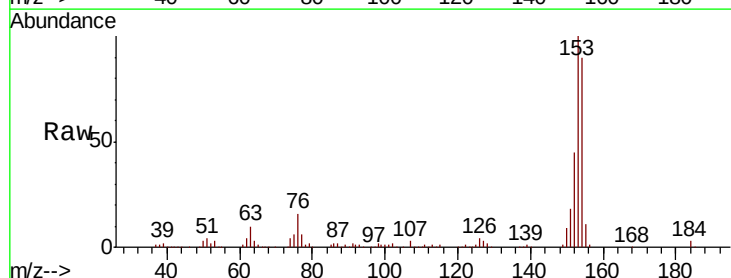


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

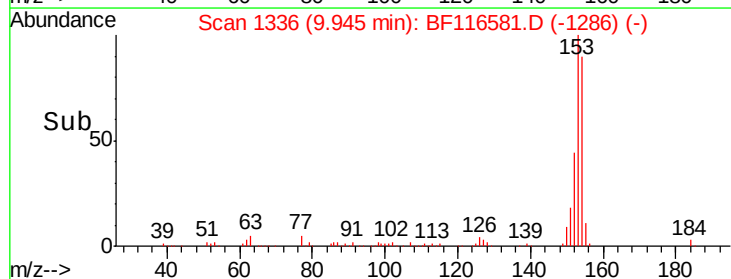
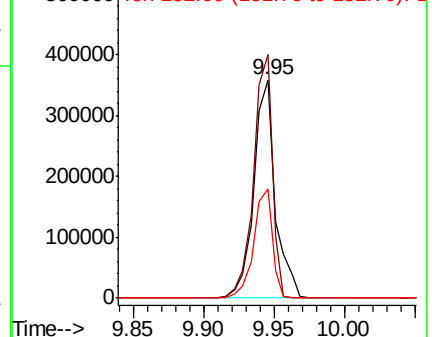


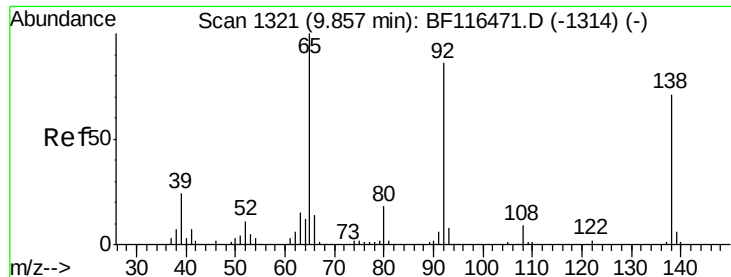
#52
 Acenaphthene
 Concen: 46.008 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion:154 Resp: 383376
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.3 133.9
 152 50.0 40.2 60.4



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

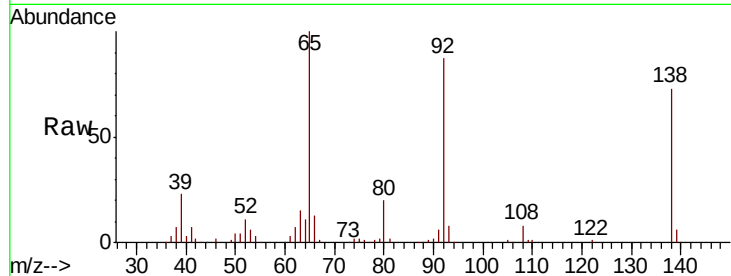




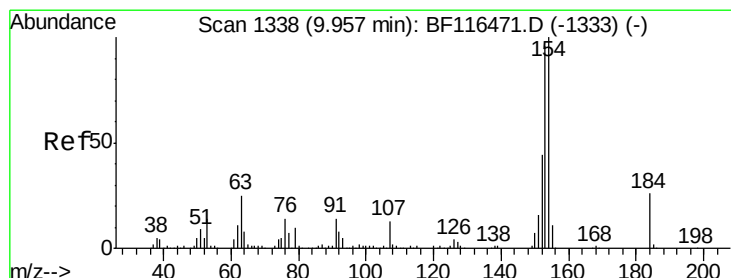
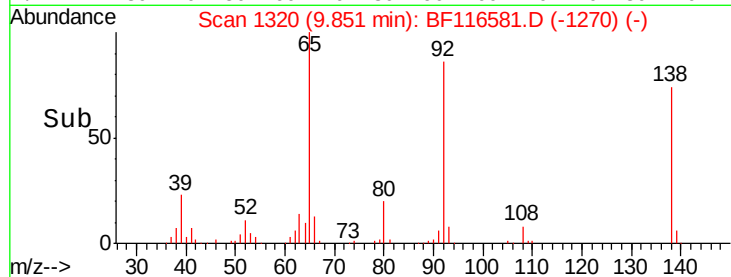
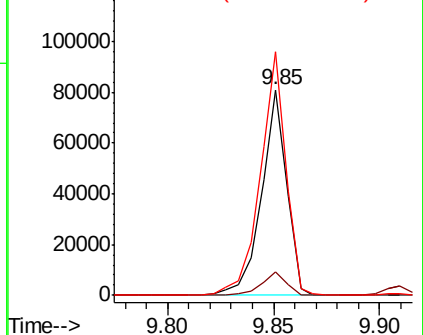
#53
3-Nitroaniline
Concen: 27.614 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 67314
Ion Ratio Lower Upper
138 100
108 11.1 10.0 15.0
92 118.4 97.7 146.5

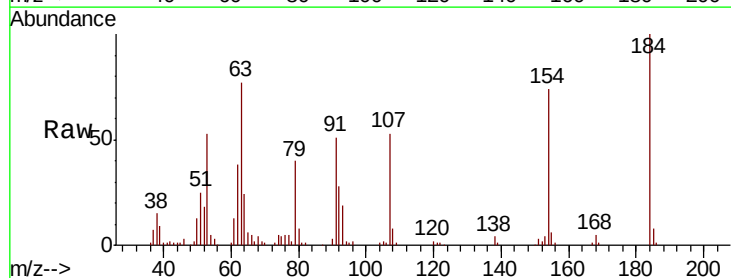


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

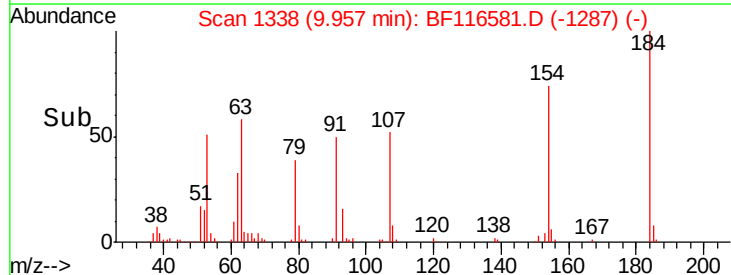
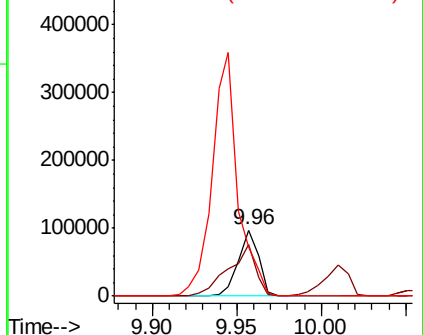


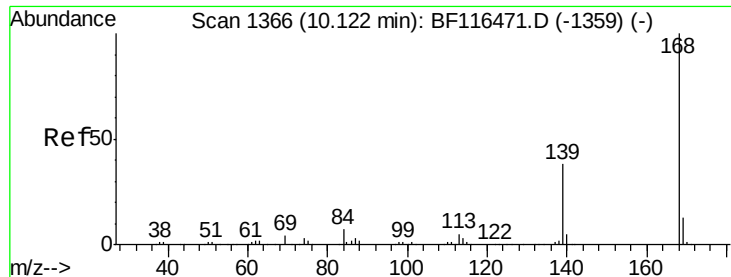
#54
2,4-Dinitrophenol
Concen: 100.353 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:184 Resp: 82274
Ion Ratio Lower Upper
184 100
63 77.5 78.2 117.4#
154 73.9 320.4 480.6#



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

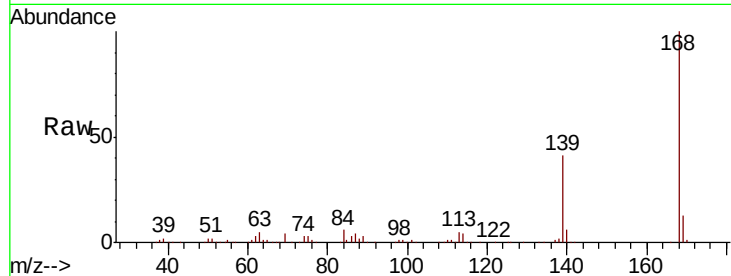




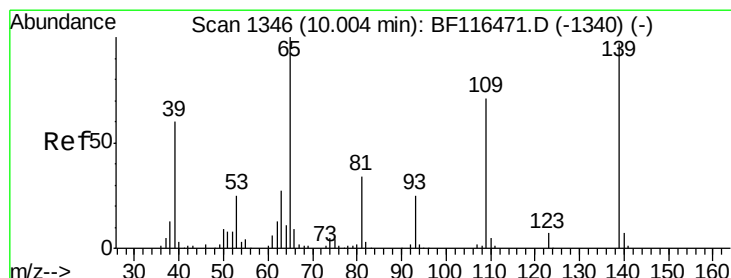
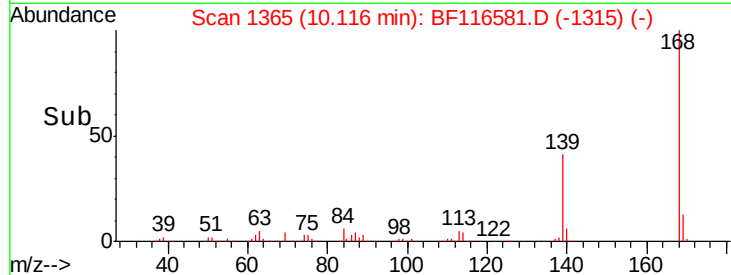
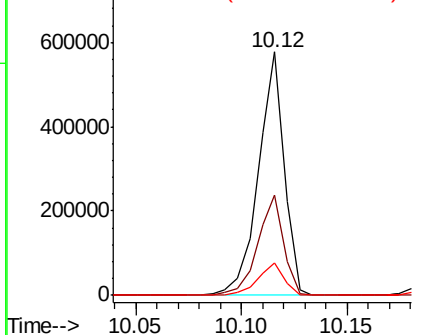
#55
Dibenzenofuran
Concen: 42.317 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 491538
Ion Ratio Lower Upper
168 100
139 40.9 30.7 46.1
169 13.4 10.7 16.1

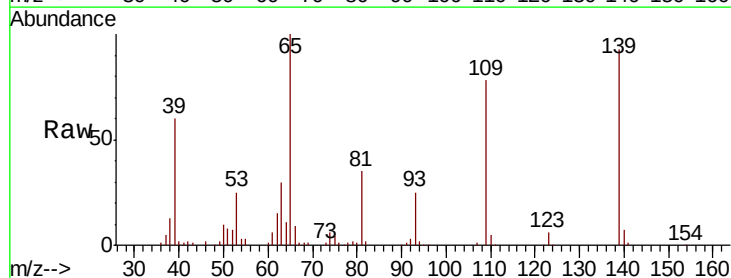


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

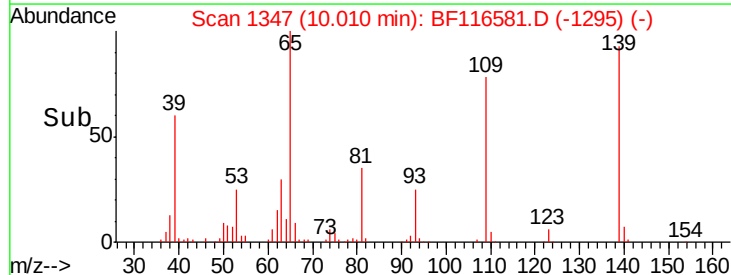
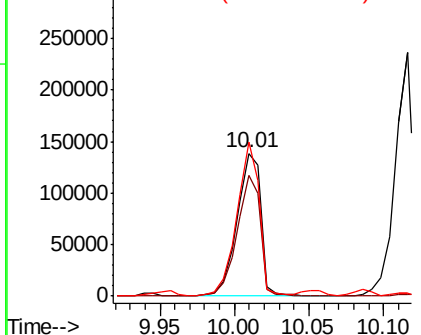


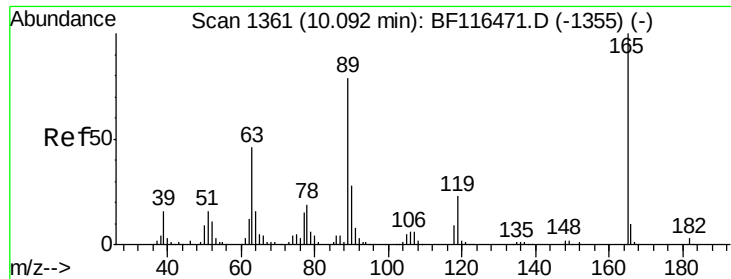
#56
4-Nitrophenol
Concen: 81.641 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:139 Resp: 154686
Ion Ratio Lower Upper
139 100
109 84.2 53.4 93.4
65 107.6 83.0 123.0



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

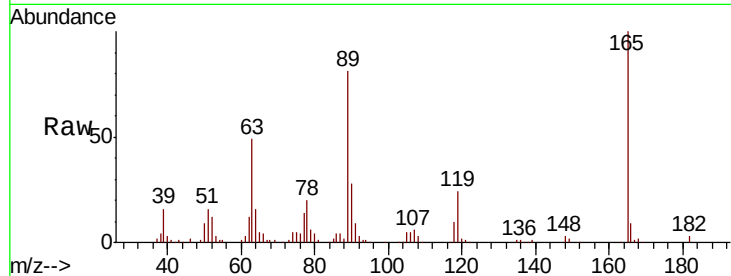




#57
2,4-Dinitrotoluene
Concen: 47.106 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	122582
Ion	Ratio	Lower	Upper
165	100		
63	49.3	36.9	55.3
89	81.2	63.4	95.0
182	2.5	2.1	3.1



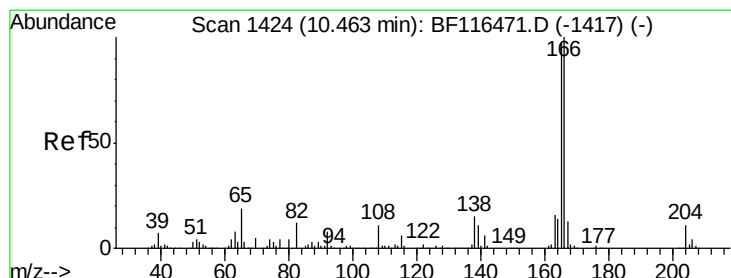
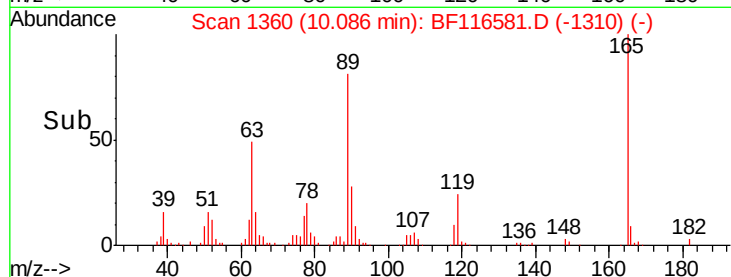
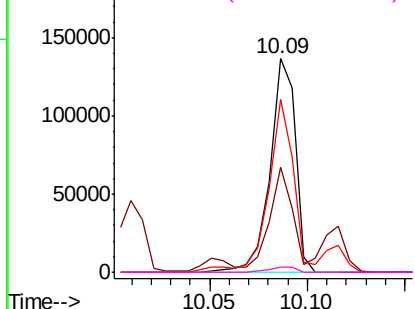
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

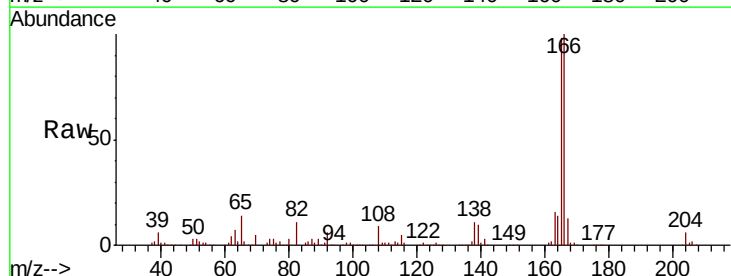
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.665 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	166	Resp:	385034
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.0
167	13.0	10.8	16.2

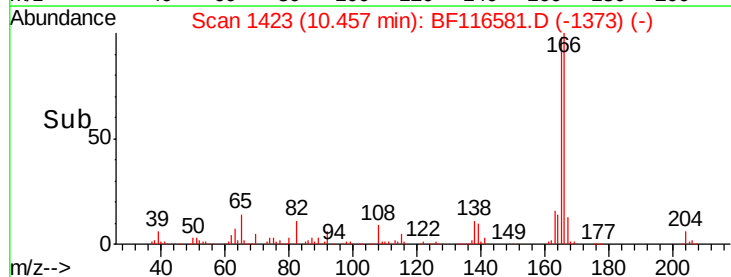
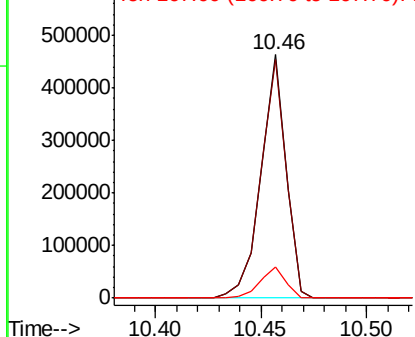


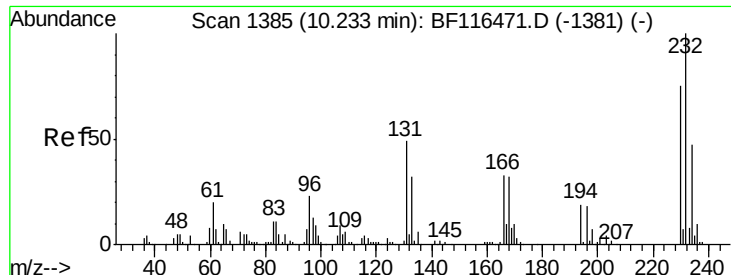
Abundance

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

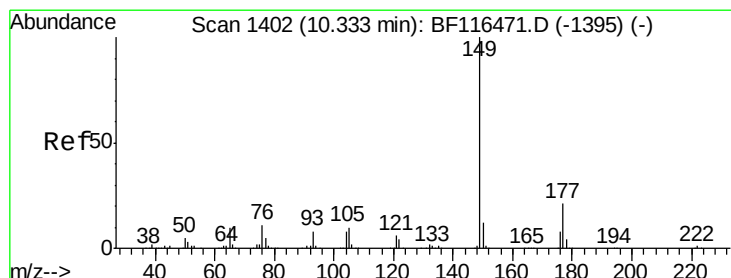
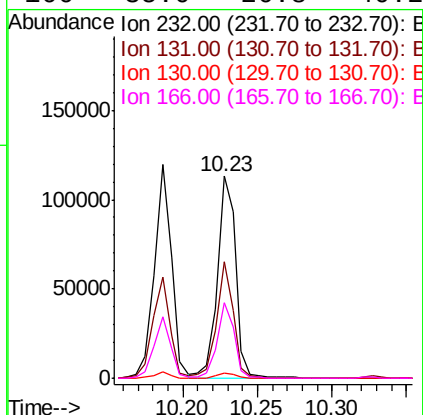
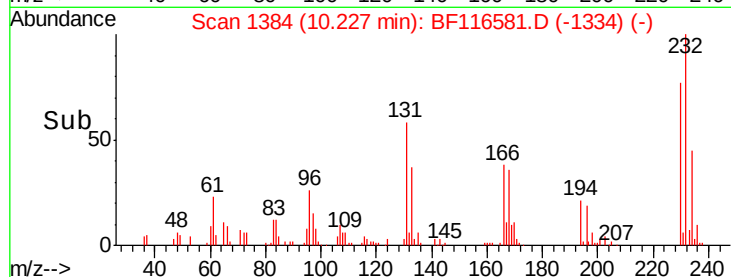
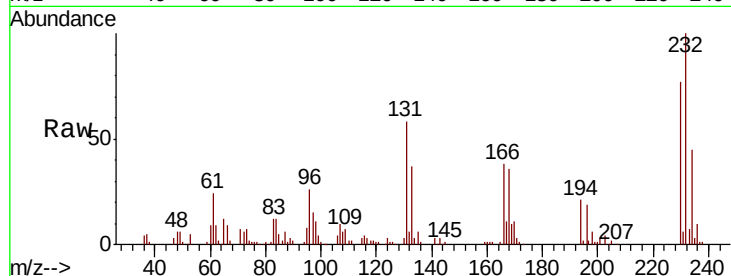




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.381 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

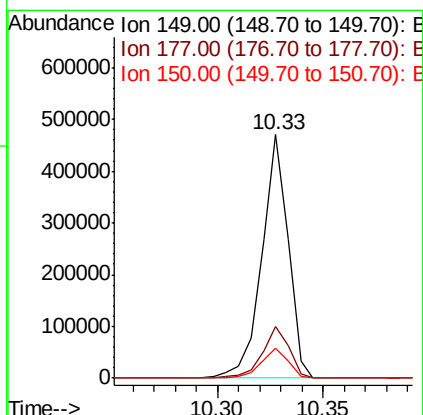
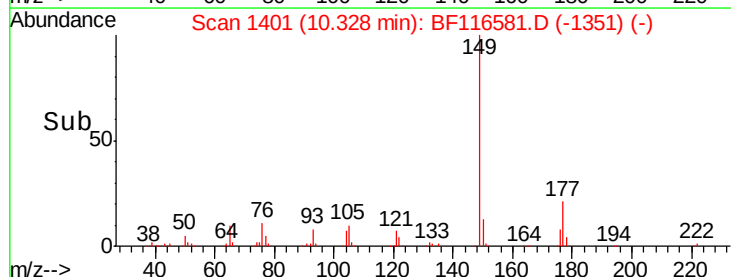
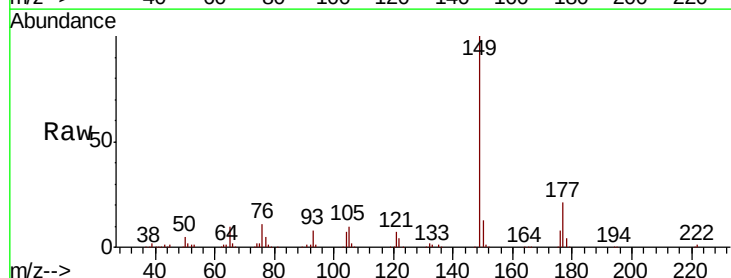
Instrument :
BNA_F
ClientSampleId :

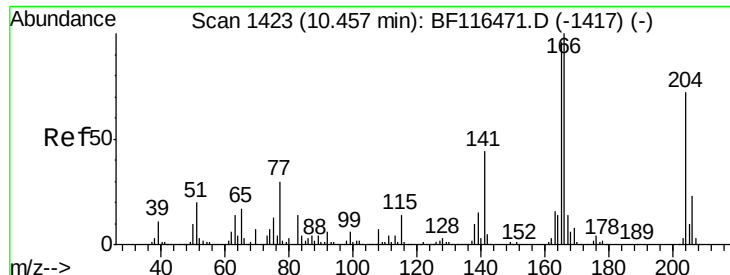
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.3	40.8	61.2
130	2.5	1.8	2.8
166	35.0	26.8	40.2



#60
Diethylphthalate
Concen: 41.601 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.5	9.8	14.6

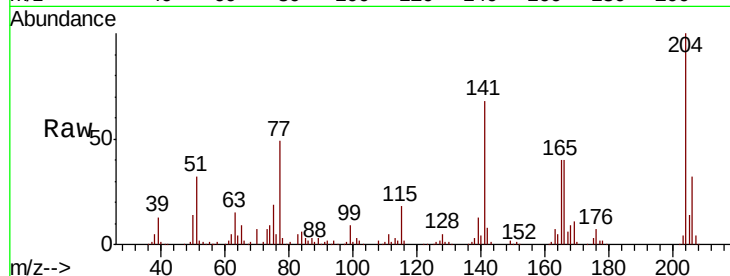




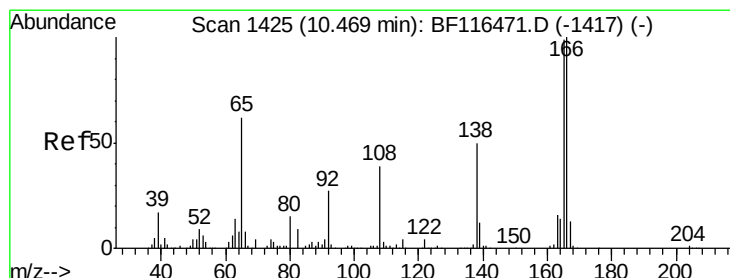
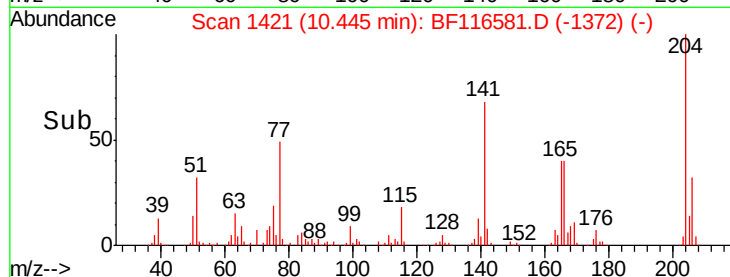
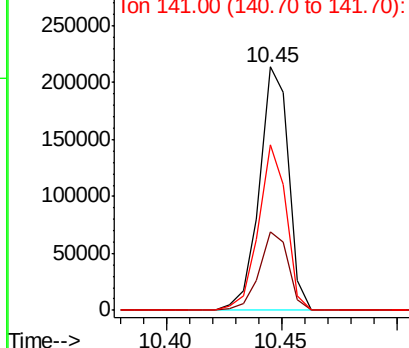
#61
 4-Chlorophenyl-phenylether
 Concen: 42.865 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 188719
 Ion Ratio Lower Upper
 204 100
 206 32.0 25.9 38.9
 141 68.0 48.6 73.0

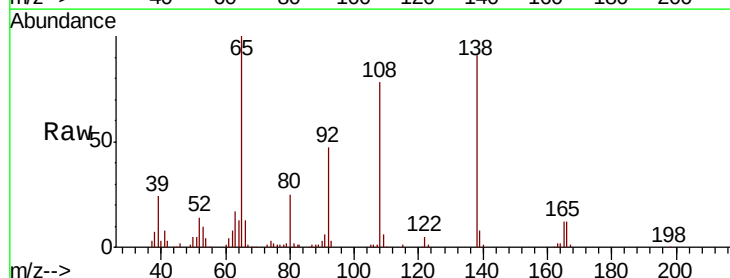


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

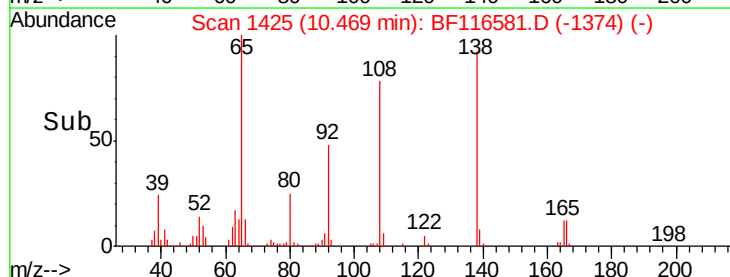
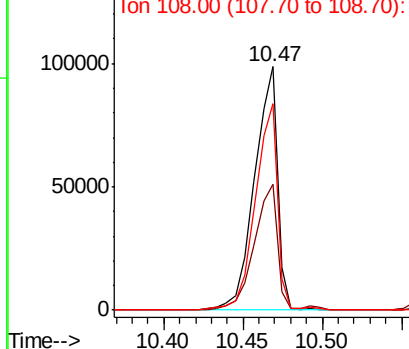


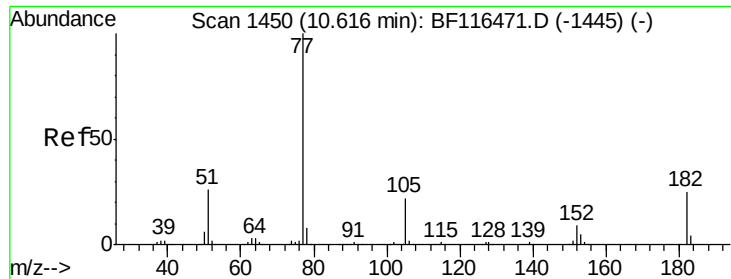
#62
 4-Nitroaniline
 Concen: 42.034 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion:138 Resp: 100214
 Ion Ratio Lower Upper
 138 100
 92 51.9 34.9 74.9
 108 84.8 57.7 97.7



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

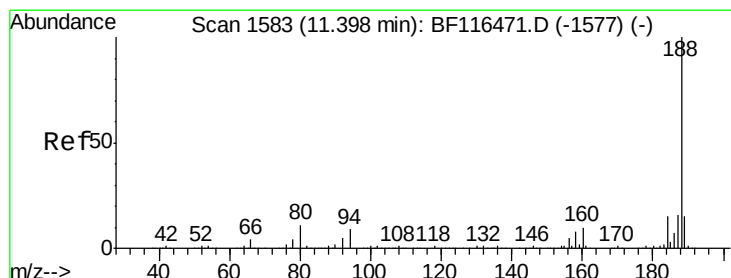
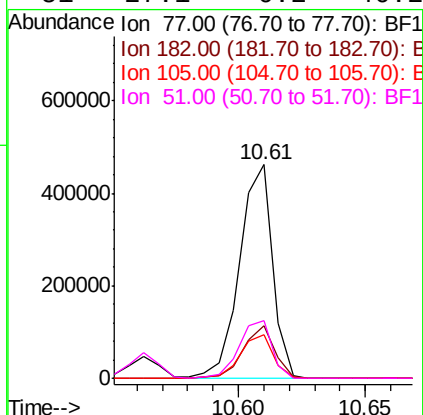
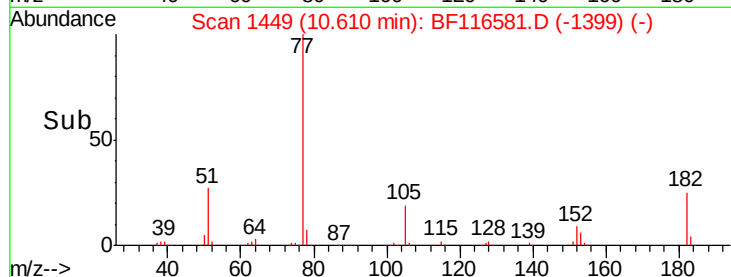
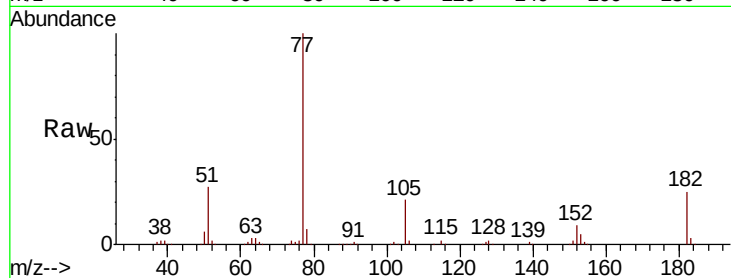




#63
Azobenzene
Concen: 41.243 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

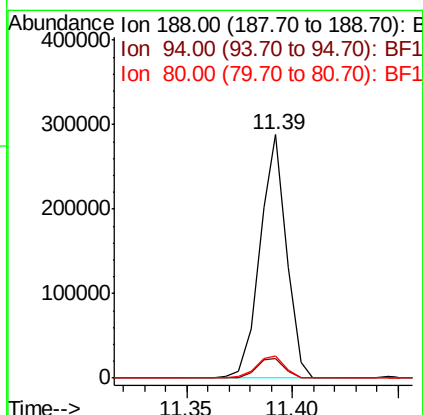
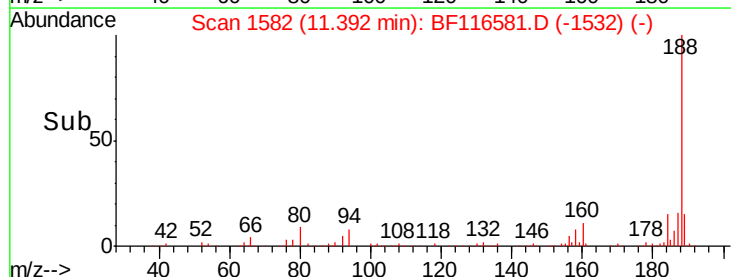
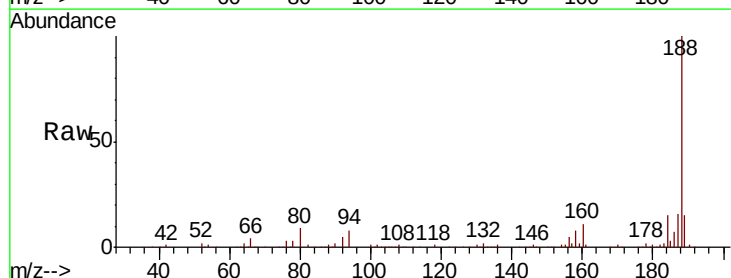
Instrument :
BNA_F
ClientSampleId :

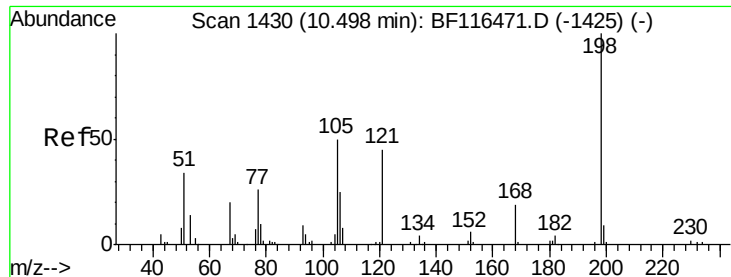
Tot Ion:	77	Resp:	416430
Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.4	45.4
105	20.5	1.6	41.6
51	27.1	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:	188	Resp:	250335
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.2	8.6	12.8

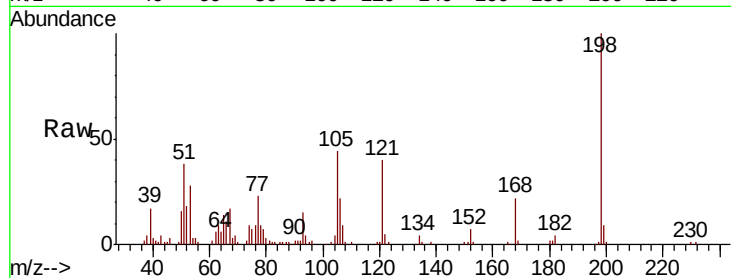




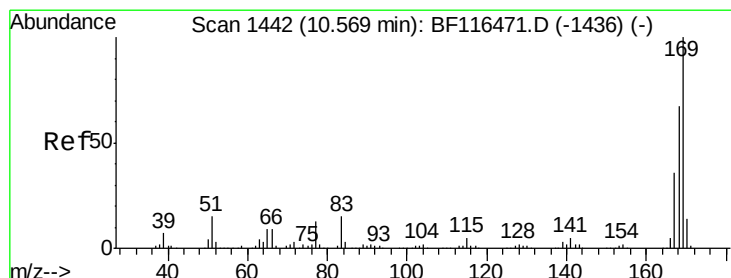
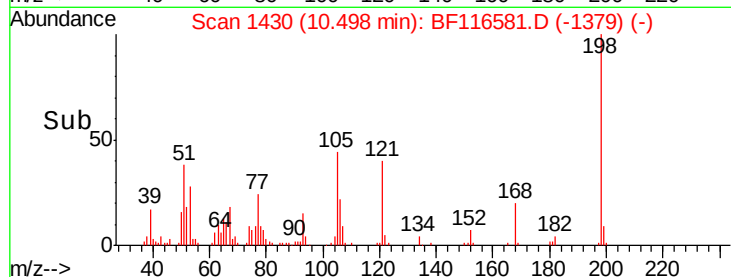
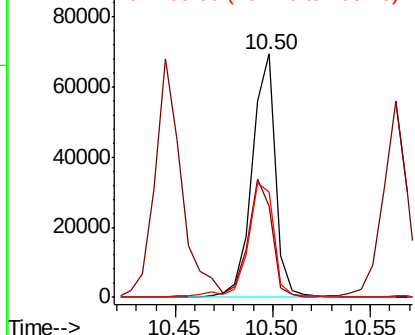
#65
4,6-Dinitro-2-methylphenol
Concen: 54.796 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 57439
Ion Ratio Lower Upper
198 100
51 37.7 30.4 70.4
105 43.5 32.8 72.8

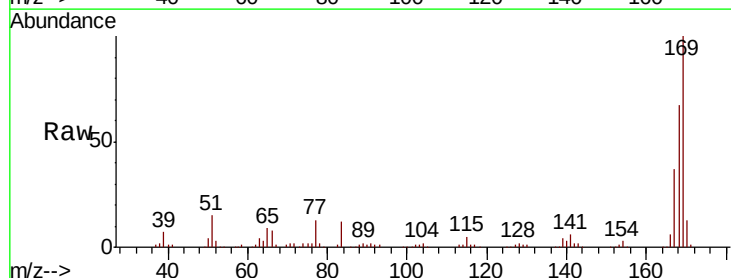


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

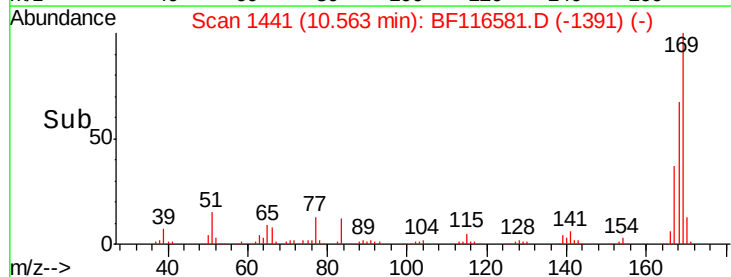
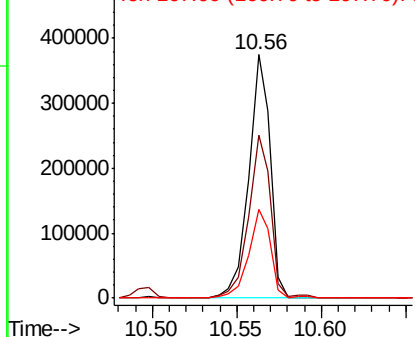


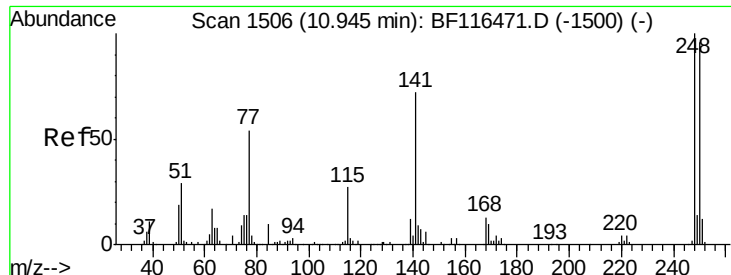
#66
n-Nitrosodiphenylamine
Concen: 41.224 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:169 Resp: 334149
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.7 28.7 43.1



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

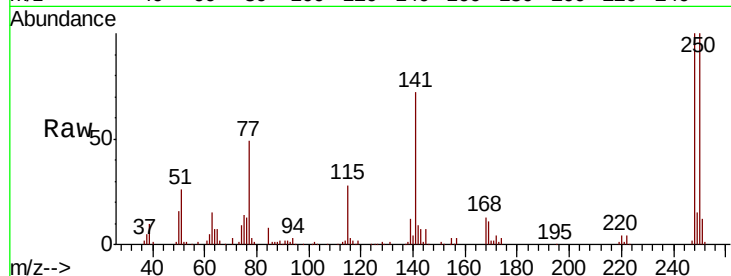




#67
 4-Bromophenyl-phenylether
 Concen: 40.845 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.6
141	72.0	57.4	86.0

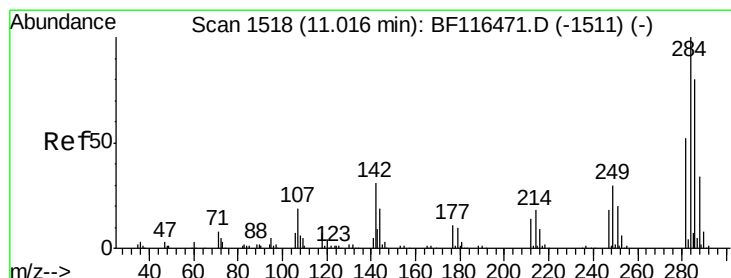
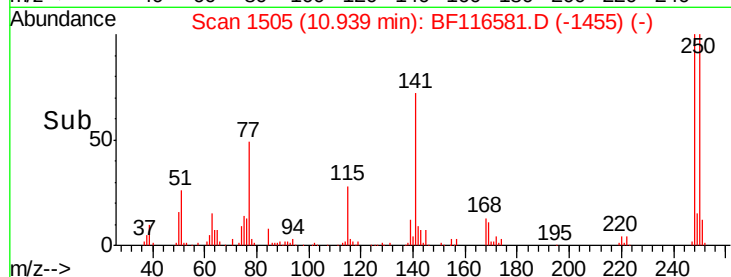
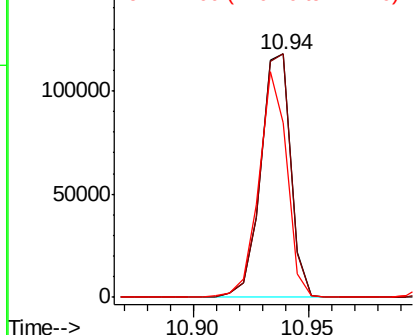


Abundance

Ion 248.00 (247.70 to 248.70): E

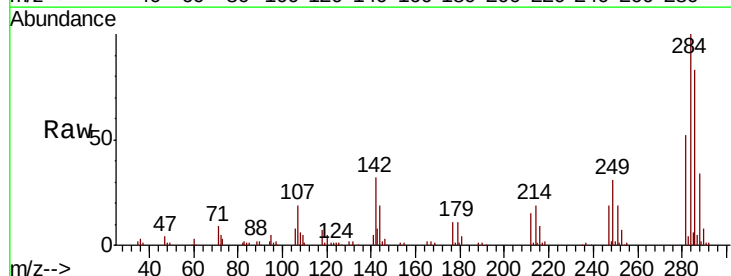
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.886 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	24.6	36.8
249	30.9	24.1	36.1

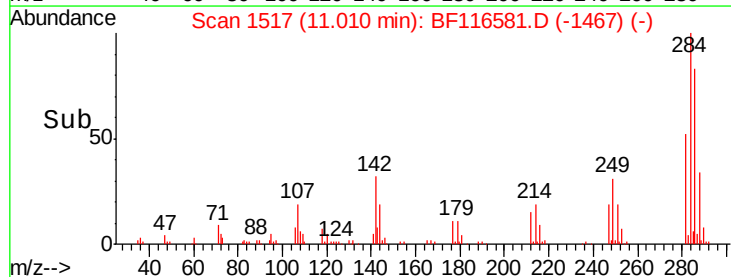
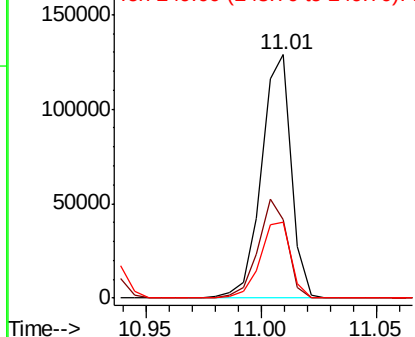


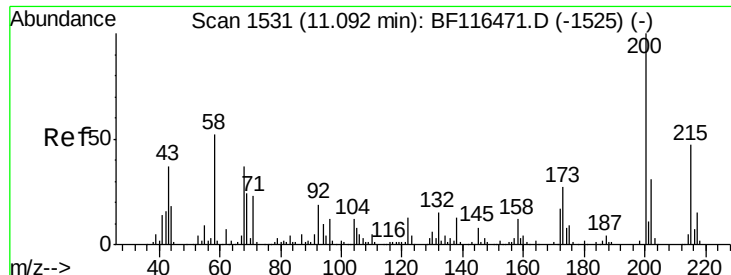
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

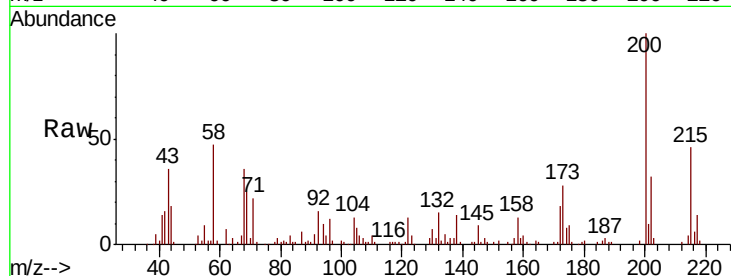




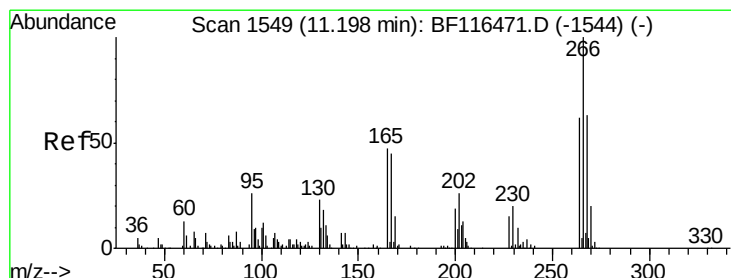
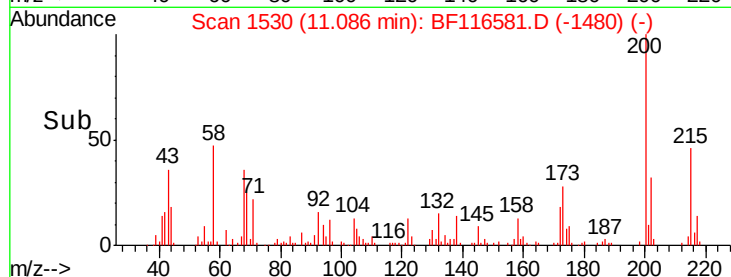
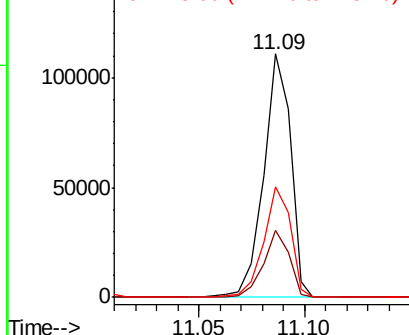
#69
 Atrazine
 Concen: 40.710 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.3	47.3
215	45.6	26.7	66.7

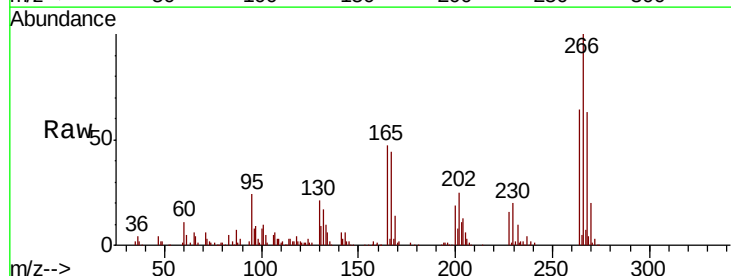


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

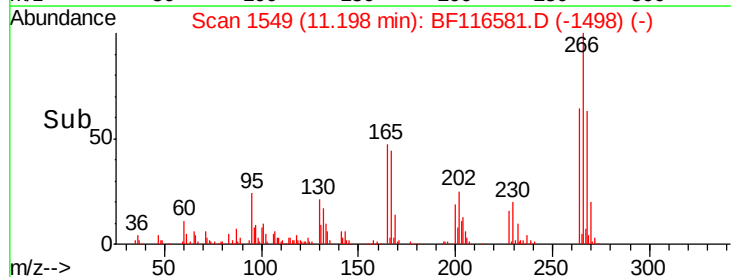
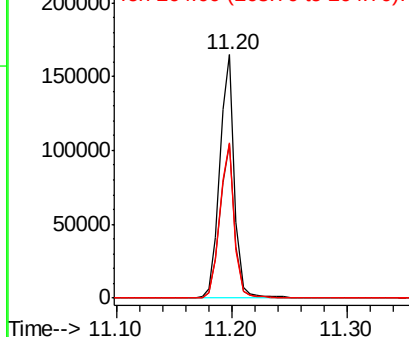


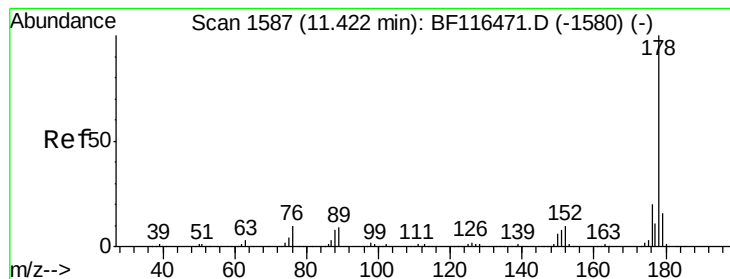
#70
 Pentachlorophenol
 Concen: 85.823 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	63.7	50.0	75.0



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: 42.416 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampled :

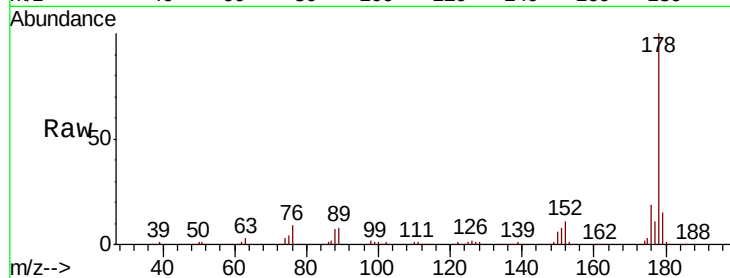
Tot Ion:178 Resp: 578432

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

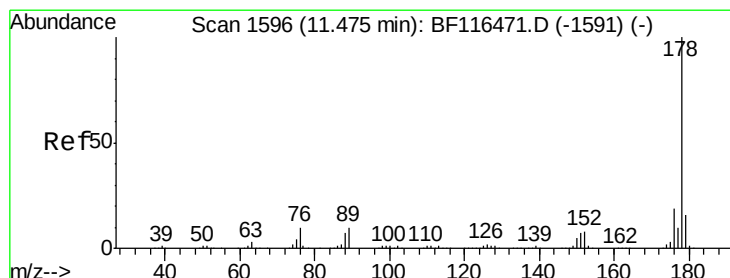
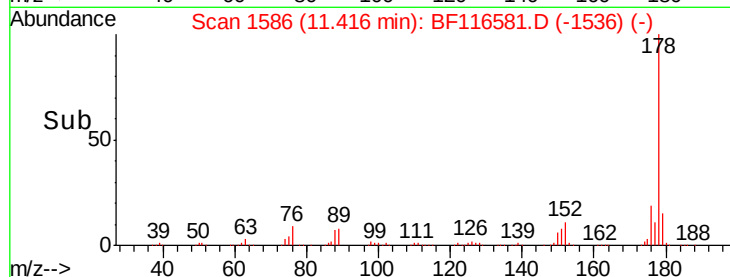
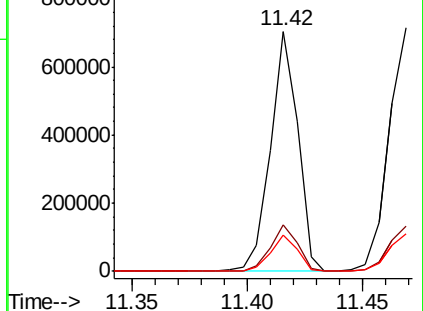
179 15.3 12.8 19.2



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: 42.950 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

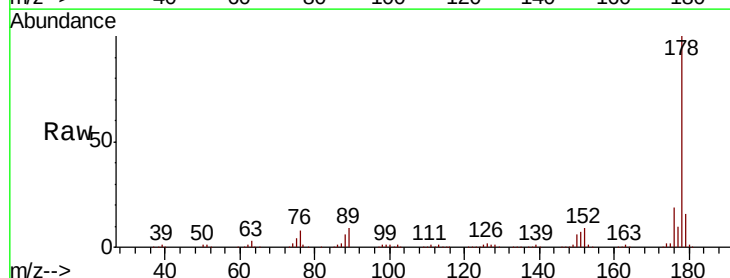
Tgt Ion:178 Resp: 588568

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

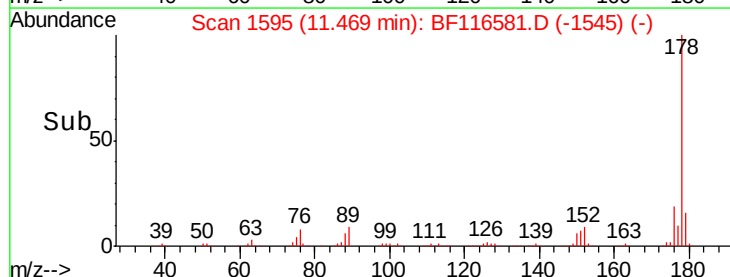
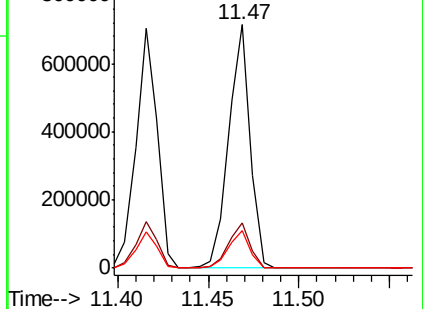
179 15.7 12.5 18.7

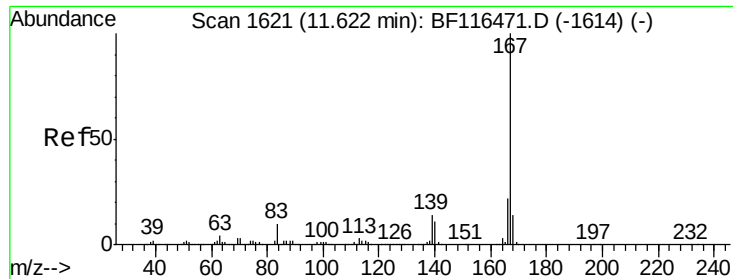


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

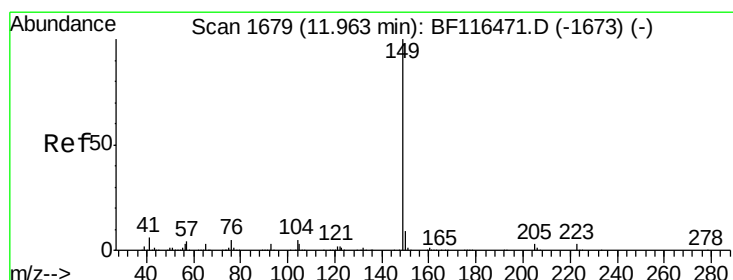
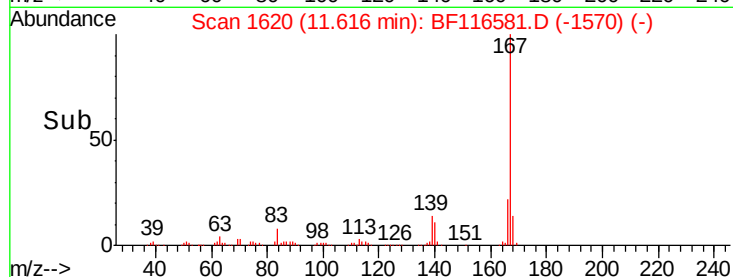
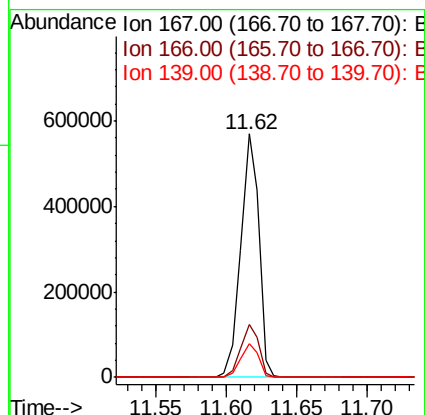
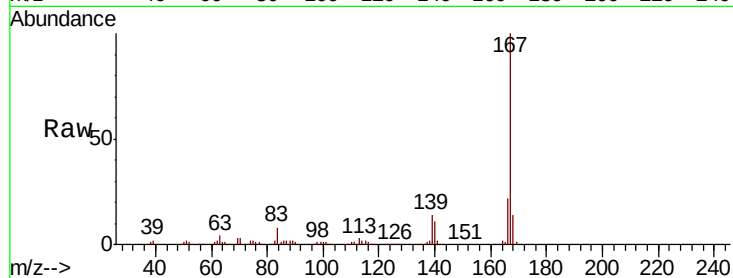




#73
 Carbazole
 Concen: 41.364 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

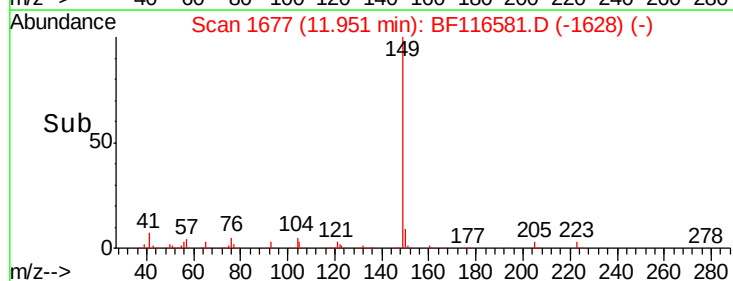
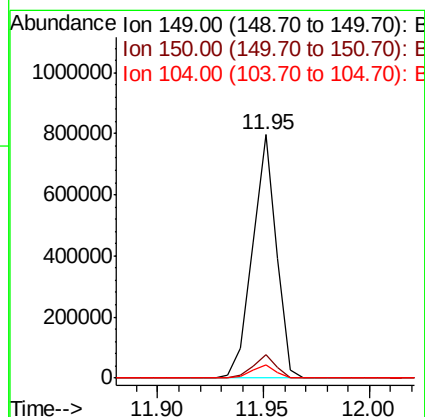
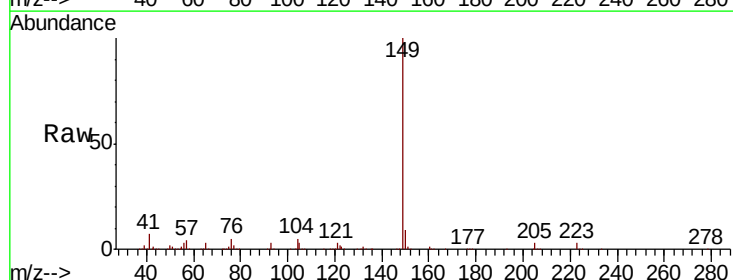
Instrument :
 BNA_F
 ClientSampleId :

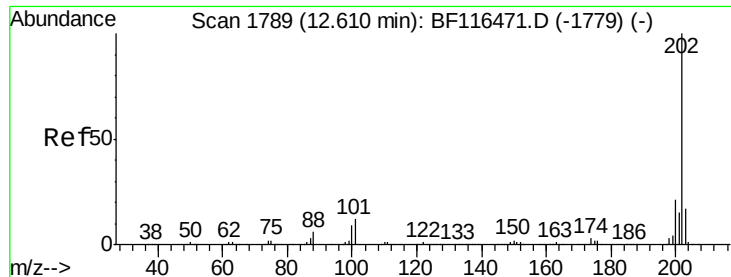
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.8	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 40.975 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.4	4.1	6.1

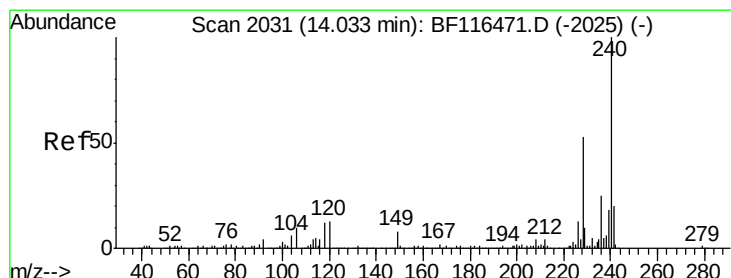
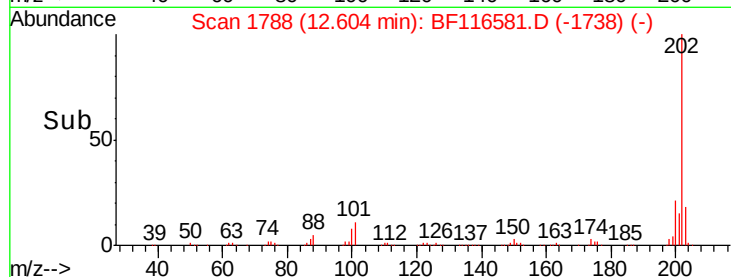
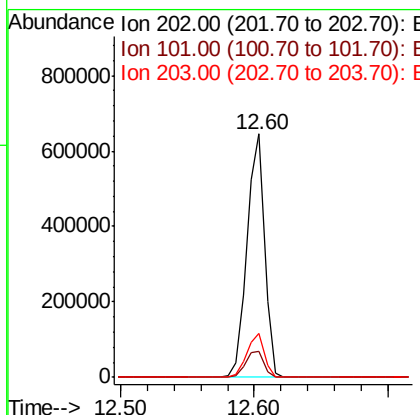
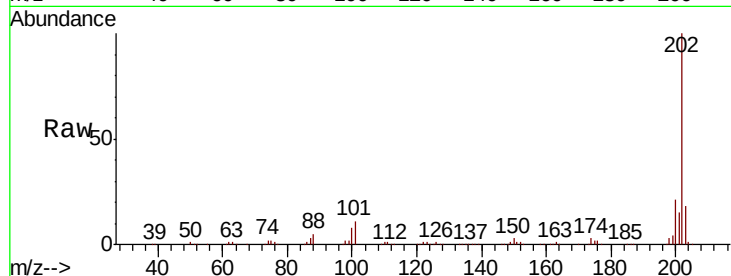




#75
 Fluoranthene
 Concen: 41.220 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

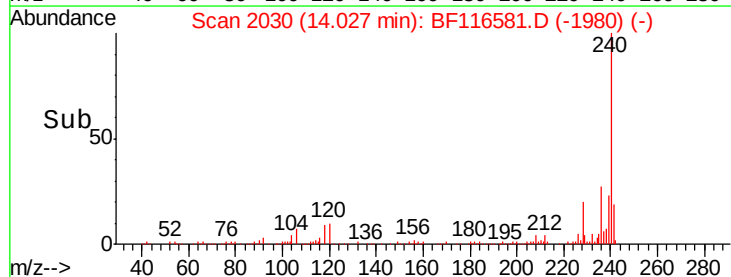
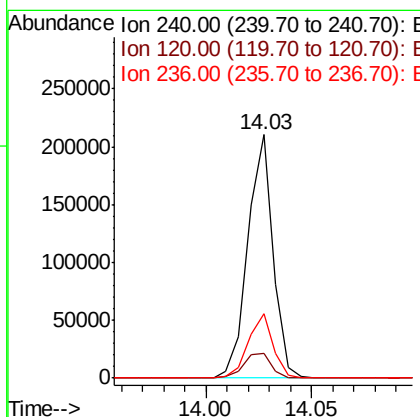
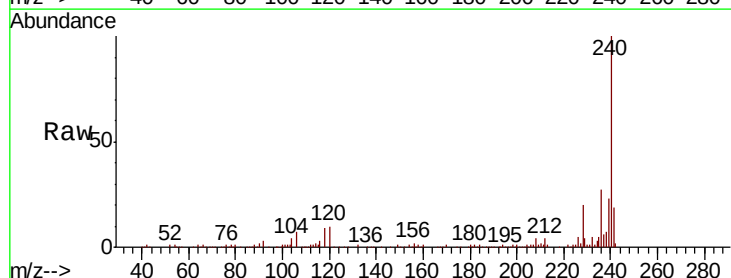
Instrument :
 BNA_F
 ClientSampleId :

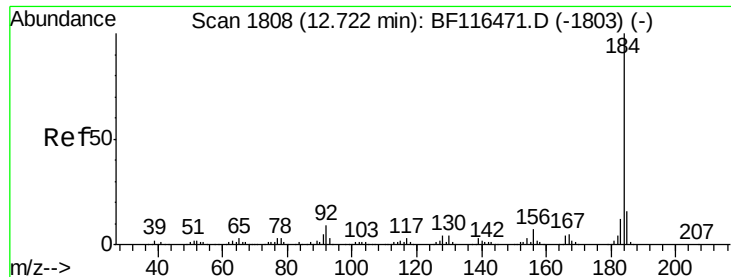
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.8	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.5	15.7#
236	26.6	20.2	30.2





#77

Benzidine

Concen: 38.350 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

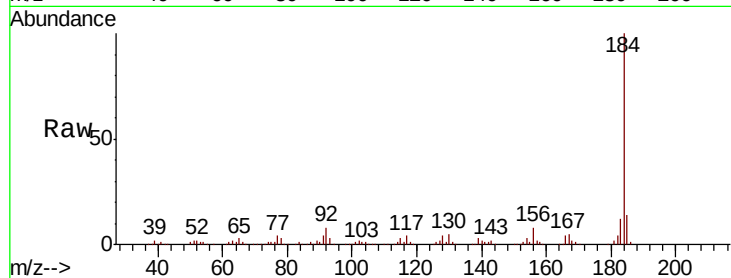
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 268645

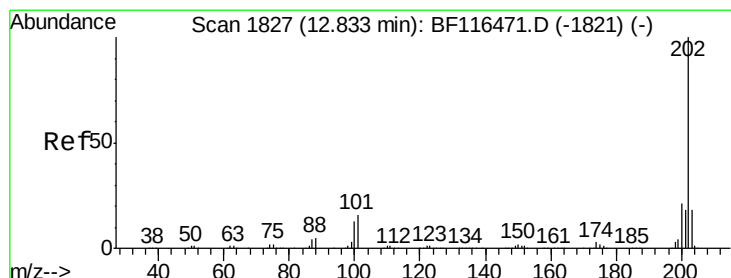
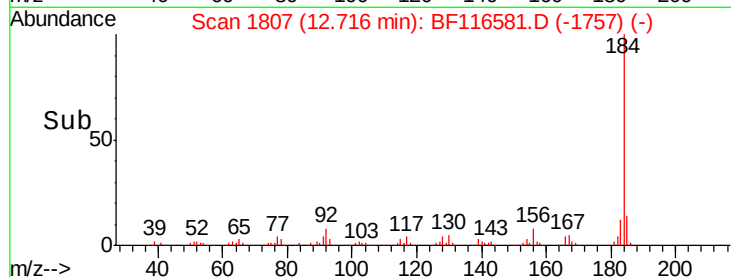
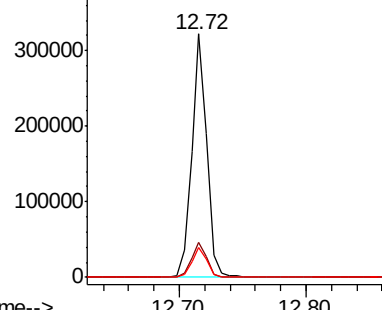
Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.4
183	12.4	9.8	14.6



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: 42.089 ng

RT: 12.83 min Scan# 1827

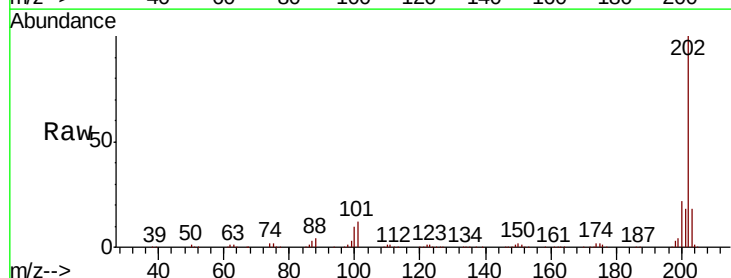
Delta R.T. -0.00 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Tgt Ion:202 Resp: 586040

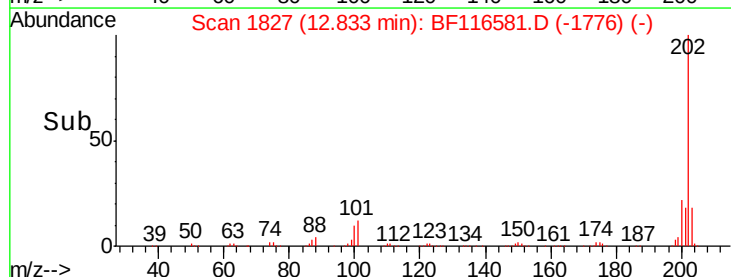
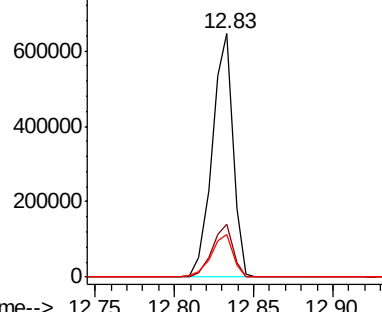
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.7	14.2	21.4

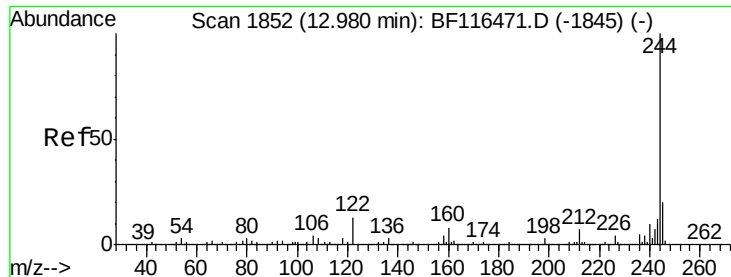


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

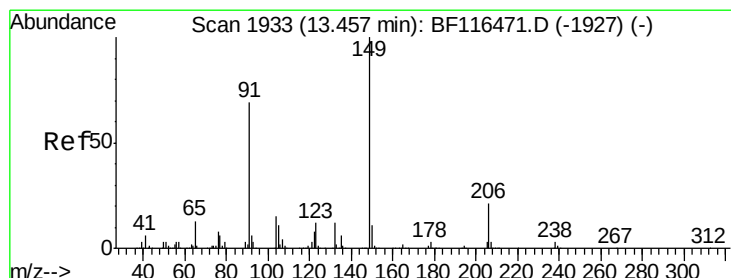
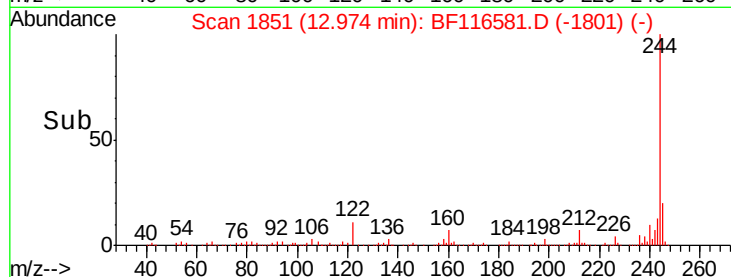
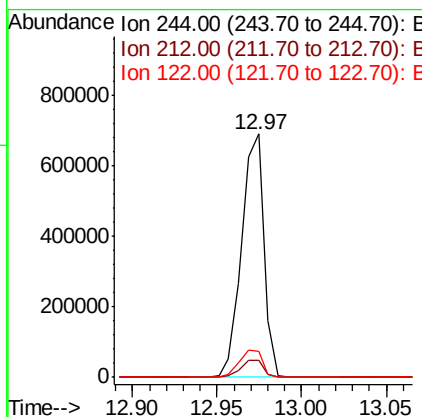
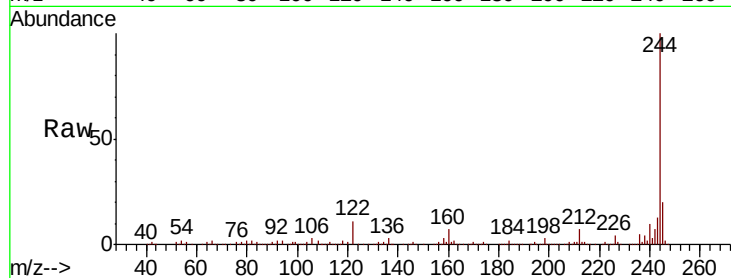




#79
 Terphenyl-d14
 Concen: 68.480 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

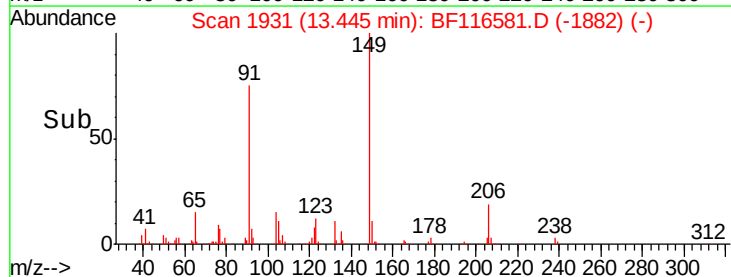
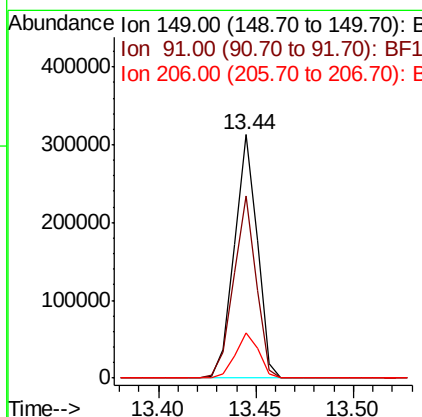
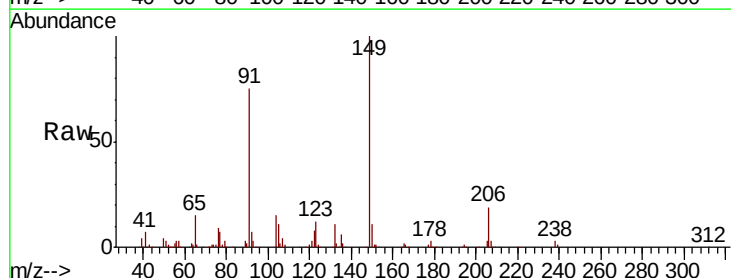
Instrument :
 BNA_F
 ClientSampleId :

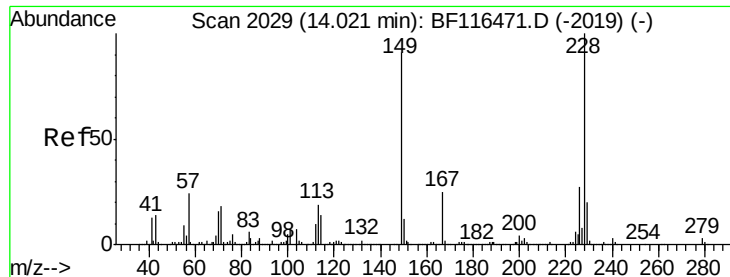
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.5	10.2	15.4



#80
 Butylbenzylphthalate
 Concen: 42.204 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	54.9	82.3
206	18.6	16.6	24.8





#81

Benzo(a)anthracene

Concen: 41.273 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

Instrument :

BNA_F

ClientSampleId :

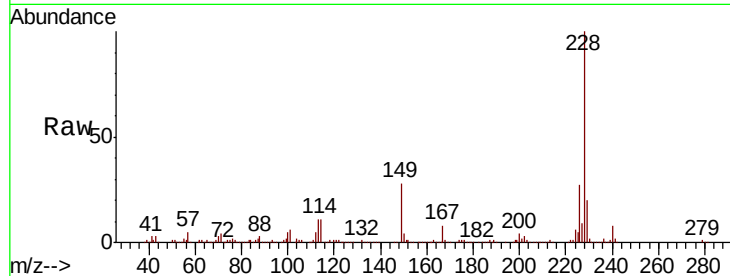
Tot Ion:228 Resp: 465414

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

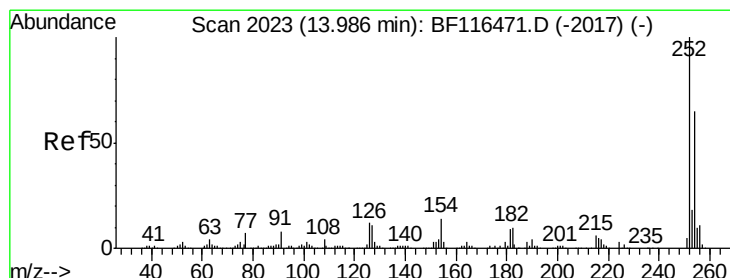
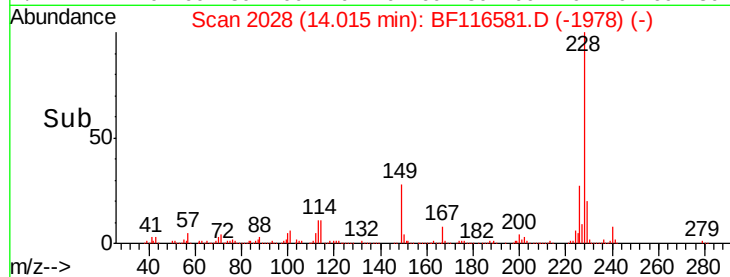
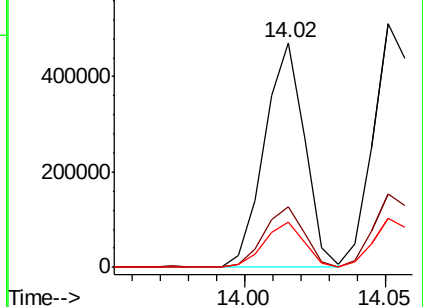
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.061 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116581.D

Acq: 27 Aug 2019 13:24

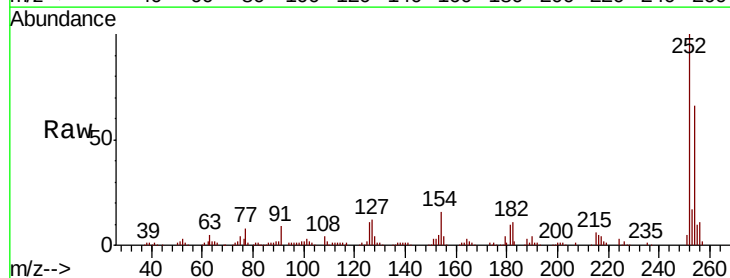
Tgt Ion:252 Resp: 116781

Ion Ratio Lower Upper

252 100

254 66.5 51.9 77.9

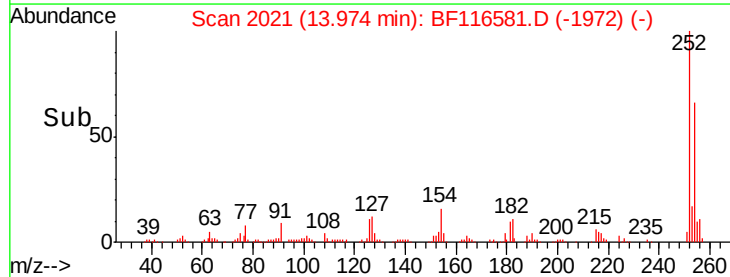
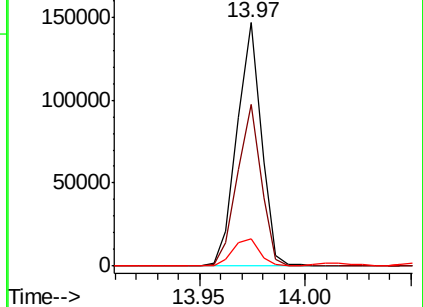
126 11.1 9.4 14.0

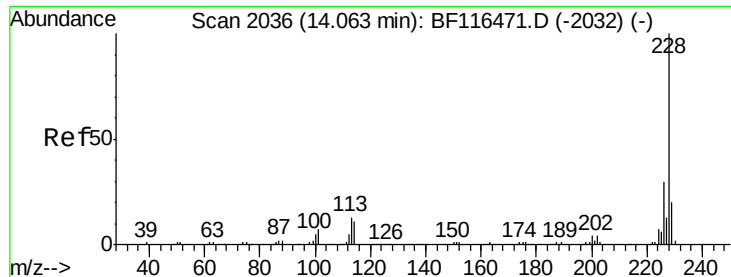


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

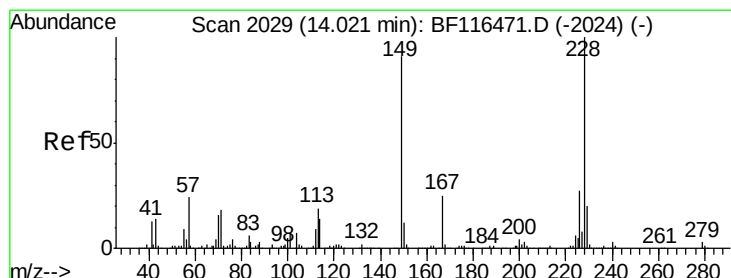
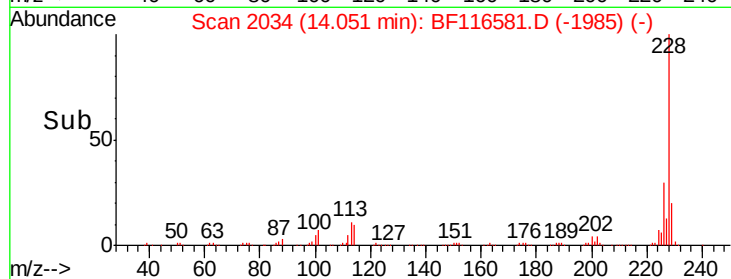
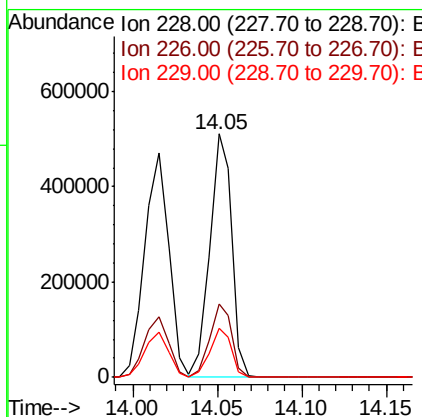
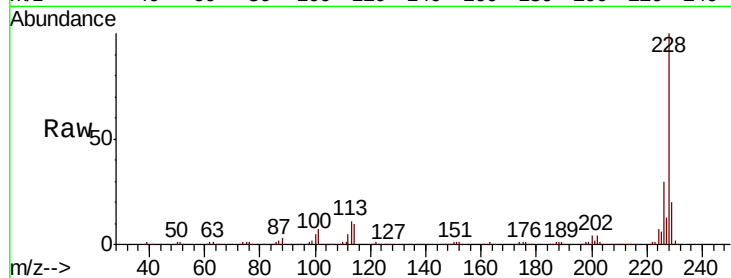




#83
 Chrysene
 Concen: 40.841 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

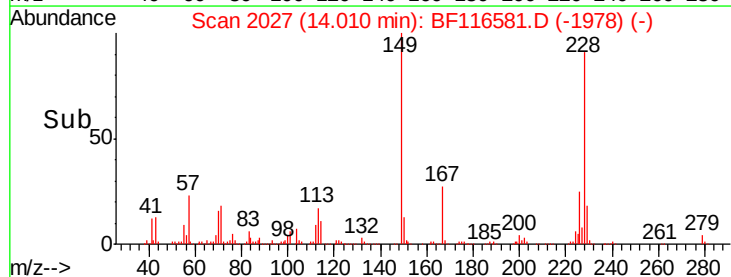
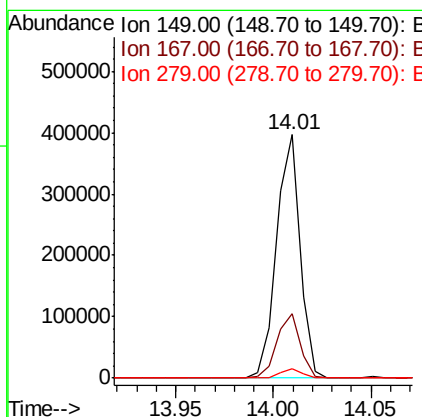
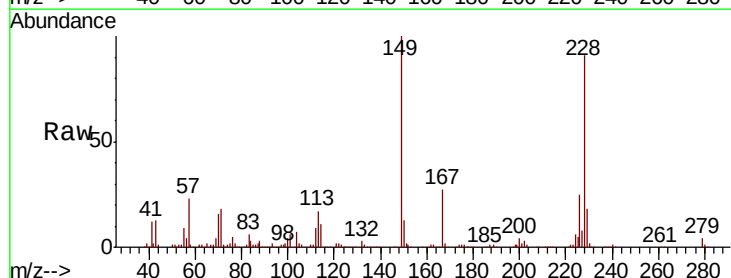
Instrument :
 BNA_F
 ClientSampleId :

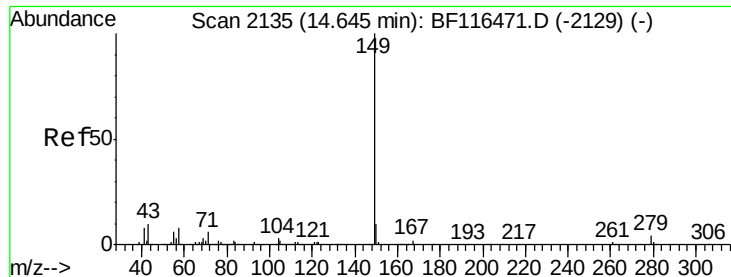
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	20.1	15.8	23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.327 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF116581.D
 Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.6
279	3.9	3.0	4.4

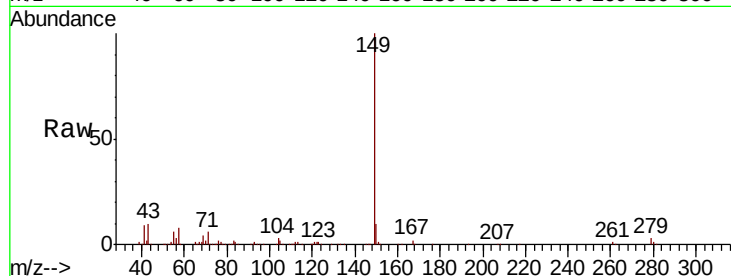




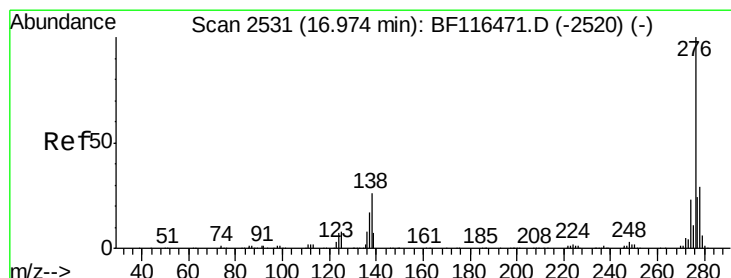
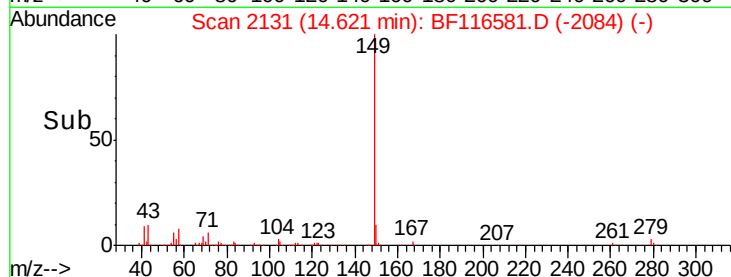
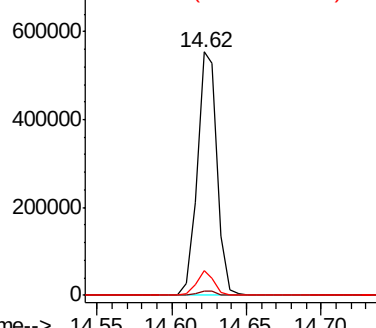
#85
Di-n-octyl phthalate
Concen: 38.233 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.8	11.8

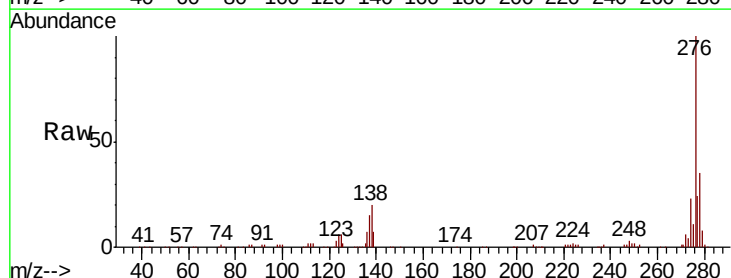


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

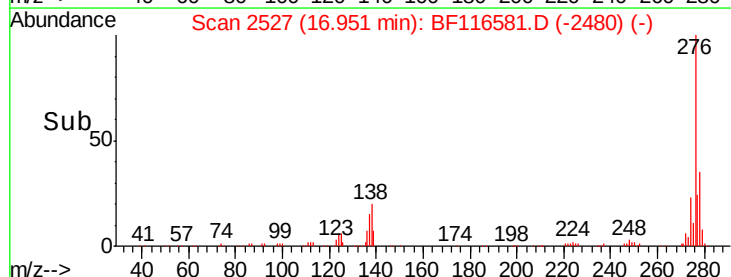
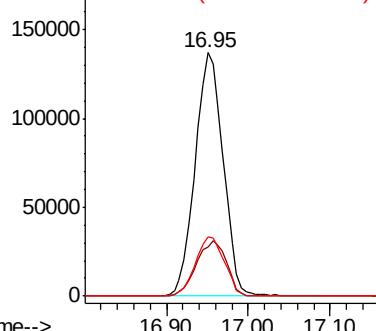


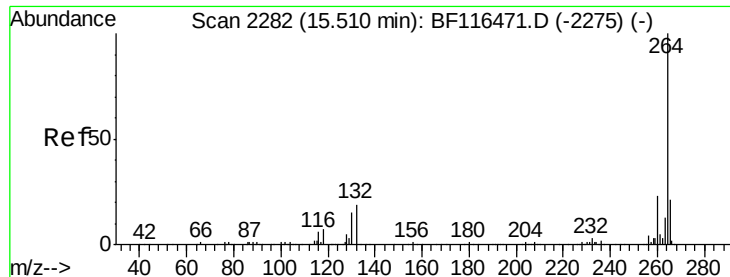
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.346 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.9	34.3
277	25.1	19.9	29.9



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

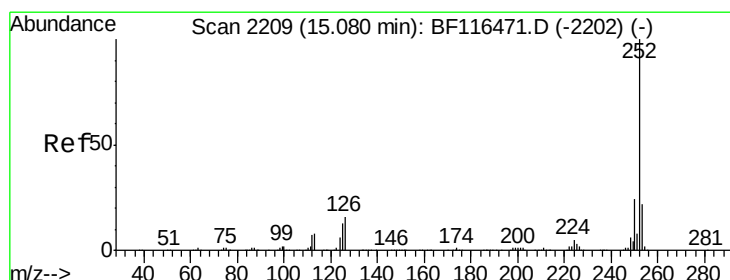
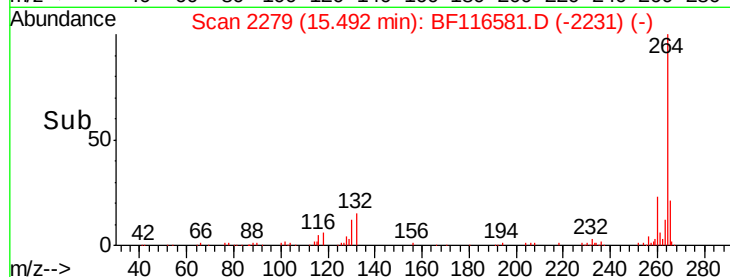
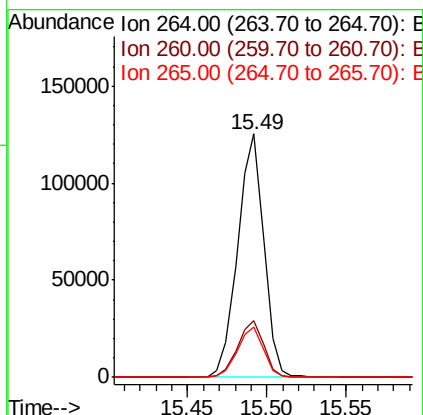
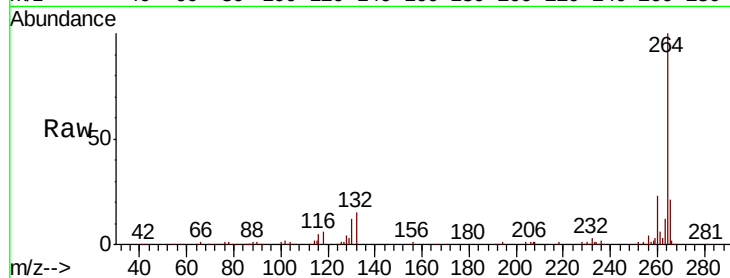




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

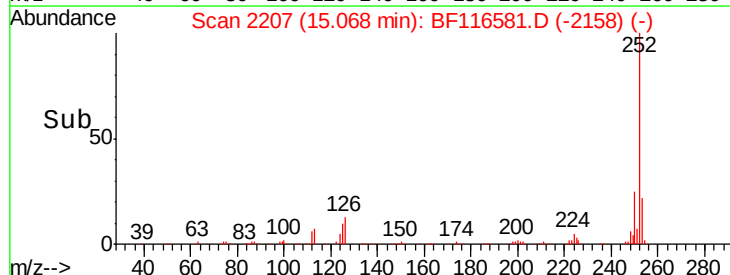
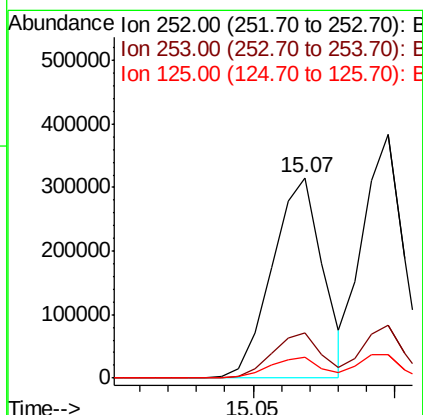
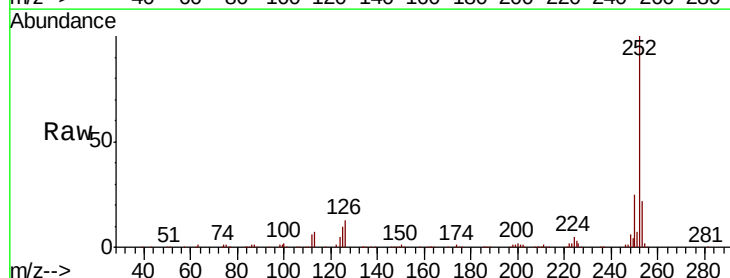
Instrument :
BNA_F
ClientSampleId :

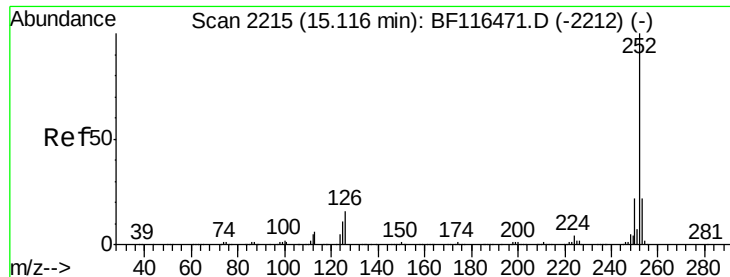
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.5	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 44.413 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	10.1	15.1

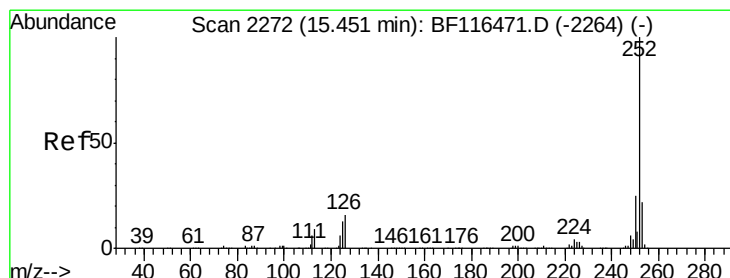
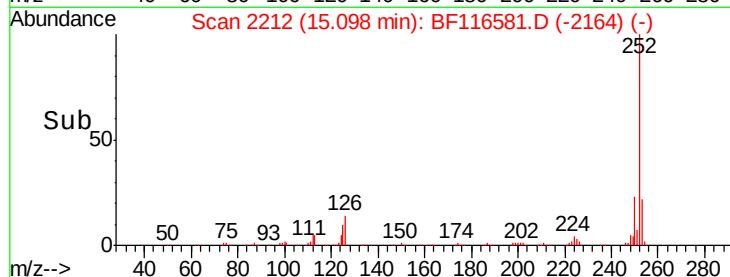
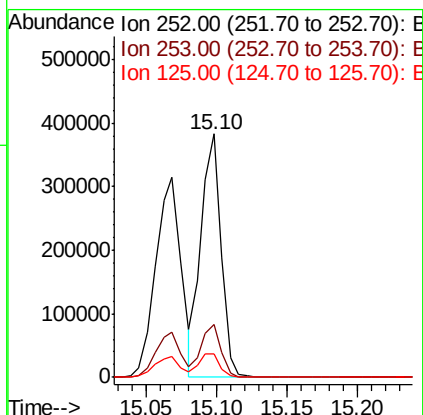
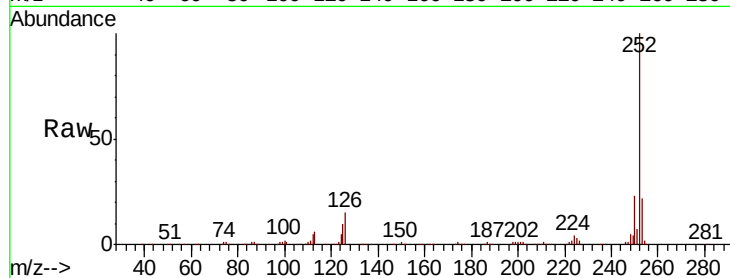




#89
Benzo(k)fluoranthene
Concen: 47.559 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

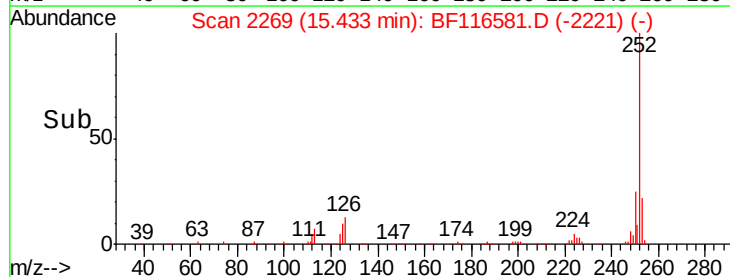
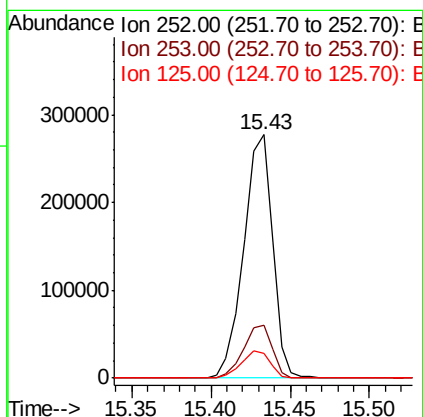
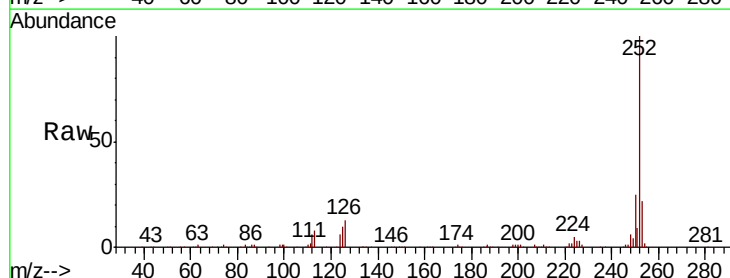
Instrument :
BNA_F
ClientSampled :

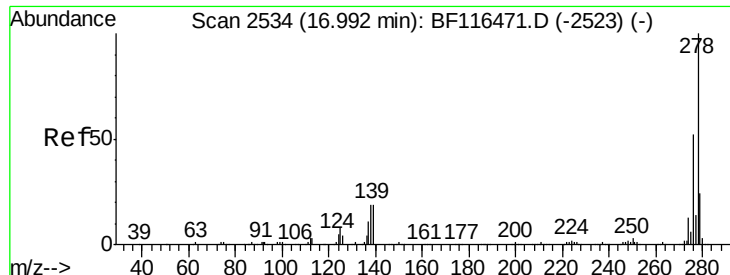
Tot Ion:252 Resp: 380783
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 45.017 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion:252 Resp: 351620
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.4 10.2 15.4

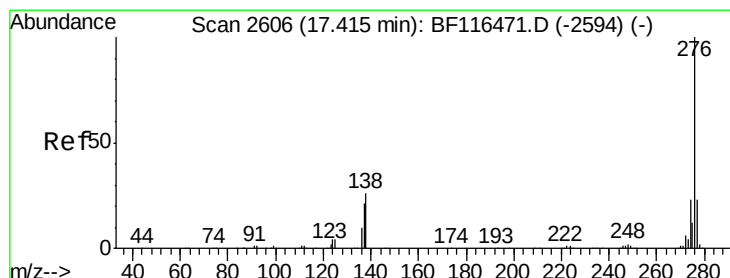
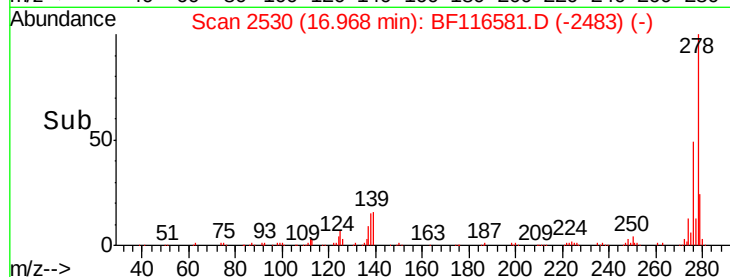
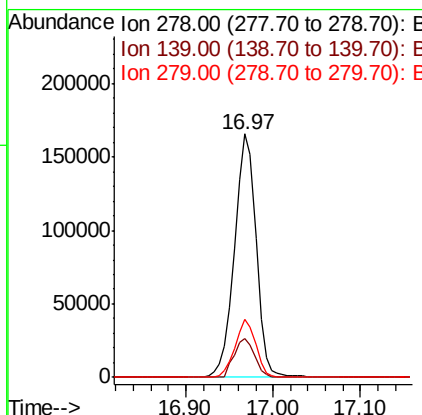
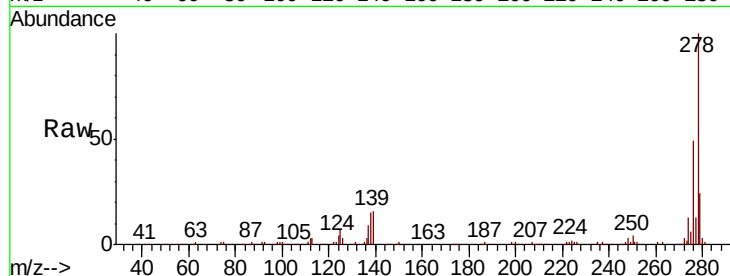




#91
Dibenzo(a,h)anthracene
Concen: 43.218 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.3	22.9
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 43.780 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116581.D
Acq: 27 Aug 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.7	28.1
138	20.6	20.8	31.2

