

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116579.D
 Acq On : 27 Aug 2019 12:29
 Operator : HP/JU
 Sample : PB122218BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:47:30 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	66621	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	276902	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	145897	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	256773	20.00	ng	0.00
76) Chrysene-d12	14.03	240	174705	20.00	ng	0.00
87) Perylene-d12	15.49	264	144733	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	460475	100.99	ng	0.00
7) Phenol-d6	6.50	99	579517	103.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	346546	68.47	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	158633	126.63	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	641072	70.76	ng	0.00
79) Terphenyl-d14	12.97	244	677999	72.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	83342	42.217	ng	97
3) Pyridine	3.49	79	206396	34.332	ng	98
4) n-Nitrosodimethylamine	3.43	42	99815	45.481	ng	# 93
6) Aniline	6.53	93	231885	30.637	ng	99
8) 2-Chlorophenol	6.66	128	198211	41.426	ng	99
9) Benzaldehyde	6.42	77	147800	39.567	ng	98
10) Phenol	6.52	94	257868	42.476	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	183980	39.802	ng	98
12) 1,3-Dichlorobenzene	6.82	146	211858	40.908	ng	99
13) 1,4-Dichlorobenzene	6.89	146	215250	43.185	ng	98
14) 1,2-Dichlorobenzene	7.05	146	204739	43.542	ng	97
15) Benzyl Alcohol	7.02	79	190624	42.133	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	214981	33.637	ng	96
17) 2-Methylphenol	7.13	107	170090	42.905	ng	98
18) Hexachloroethane	7.39	117	81357	41.852	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	147304	38.614	ng	97
20) 3+4-Methylphenols	7.27	107	216306	44.541	ng	89
22) Acetophenone	7.28	105	294830	42.580	ng	# 95
24) Nitrobenzene	7.45	77	227100	43.328	ng	94
25) Isophorone	7.69	82	401763	40.281	ng	99
26) 2-Nitrophenol	7.77	139	105792	55.257	ng	97
27) 2,4-Dimethylphenol	7.81	122	179212	44.861	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	234522	38.075	ng	100
29) 2,4-Dichlorophenol	8.01	162	167690	44.140	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	183902	42.999	ng	98
31) Naphthalene	8.18	128	587606	43.867	ng	100
32) Benzoic acid	7.92	122	120962	47.365	ng	96
33) 4-Chloroaniline	8.22	127	131776	22.409	ng	99
34) Hexachlorobutadiene	8.30	225	105062	45.043	ng	98
35) Caprolactam	8.58	113	27126	20.499	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	190552	44.454	ng	98
37) 2-Methylnaphthalene	8.87	142	395949	43.050	ng	96
38) 1-Methylnaphthalene	8.97	142	366414	42.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	172071	43.837	ng	99

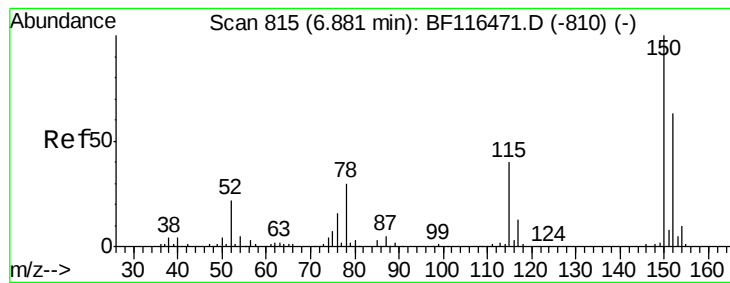
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	219730	104.043	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	119204	43.391	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	126093	45.109	ng	99
46) 1,1'-Biphenyl	9.33	154	493882	42.340	ng	99
47) 2-Chloronaphthalene	9.36	162	380049	42.026	ng	98
48) 2-Nitroaniline	9.45	65	119170	43.039	ng	96
49) Acenaphthylene	9.77	152	584065	44.145	ng	99
50) Dimethylphthalate	9.63	163	437578	42.987	ng	99
51) 2,6-Dinitrotoluene	9.69	165	96782	46.451	ng	94
52) Acenaphthene	9.95	154	406940	47.933	ng	99
53) 3-Nitroaniline	9.85	138	71542	28.806	ng	96
54) 2,4-Dinitrophenol	9.96	184	88075	105.016	ng	# 1
55) Dibenzofuran	10.12	168	518451	43.809	ng	96
56) 4-Nitrophenol	10.02	139	161590	83.709	ng	93
57) 2,4-Dinitrotoluene	10.09	165	131931	49.762	ng	88
58) Fluorene	10.46	166	412223	44.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	102901	44.833	ng	91
60) Diethylphthalate	10.33	149	436346	43.613	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	198980	44.360	ng	98
62) 4-Nitroaniline	10.47	138	105835	43.571	ng	95
63) Azobenzene	10.61	77	439595	42.733	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	62807	57.952	ng	93
66) n-Nitrosodiphenylamine	10.56	169	358127	43.074	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	115254	42.814	ng	95
68) Hexachlorobenzene	11.01	284	122902	41.278	ng	96
69) Atrazine	11.09	200	105887	42.506	ng	98
70) Pentachlorophenol	11.20	266	154552	88.969	ng	100
71) Phenanthrene	11.42	178	610238	43.626	ng	99
72) Anthracene	11.47	178	623958	44.391	ng	100
73) Carbazole	11.62	167	541399	42.911	ng	99
74) Di-n-butylphthalate	11.95	149	665112	42.542	ng	99
75) Fluoranthene	12.60	202	613561	42.427	ng	99
77) Benzidine	12.72	184	295293	42.011	ng	97
78) Pyrene	12.83	202	624948	44.731	ng	99
80) Butylbenzylphthalate	13.44	149	269889	44.730	ng	92
81) Benzo(a)anthracene	14.02	228	494844	43.733	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	121218	30.062	ng	98
83) Chrysene	14.06	228	489387	42.672	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	355773	44.219	ng	97
85) Di-n-octyl phthalate	14.62	149	554117	40.567	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	348379	35.462	ng	96
88) Benzo(b)fluoranthene	15.06	252	437586	48.942	ng	97
89) Benzo(k)fluoranthene	15.09	252	378154	46.686	ng	99
90) Benzo(a)pyrene	15.43	252	370417	46.876	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	292381	45.029	ng	96
92) Benzo(g,h,i)perylene	17.39	276	285693	46.152	ng	95

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

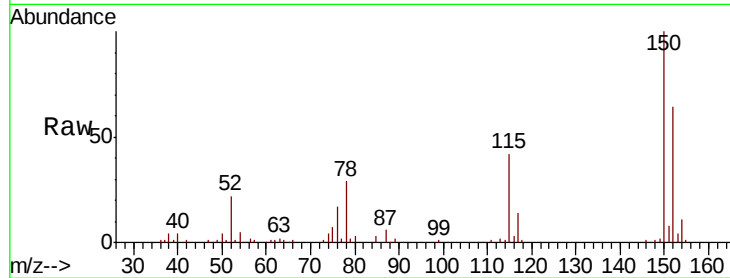


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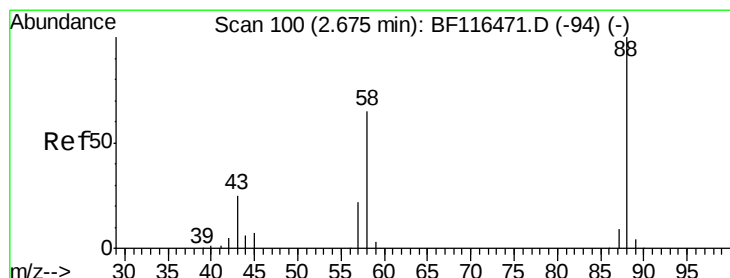
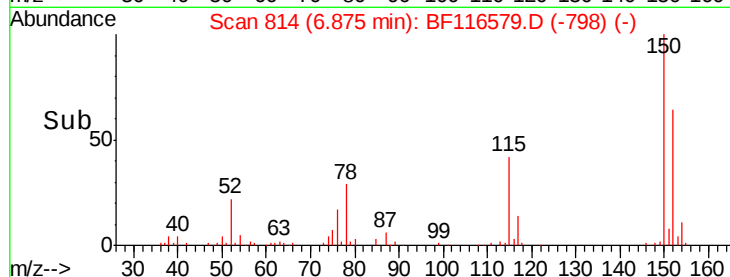
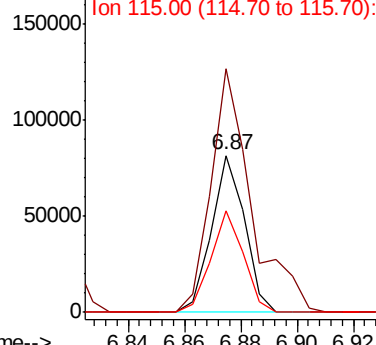
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66621
Ion Ratio Lower Upper
152 100
150 155.2 126.7 190.1
115 64.7 50.9 76.3



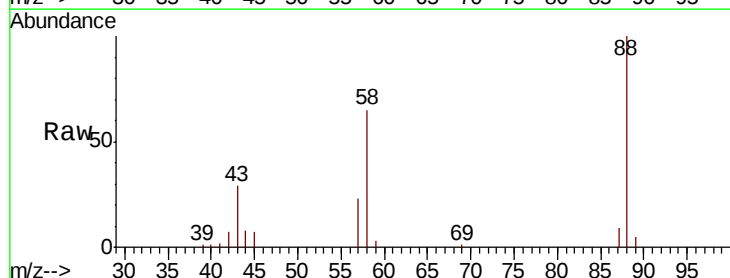
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



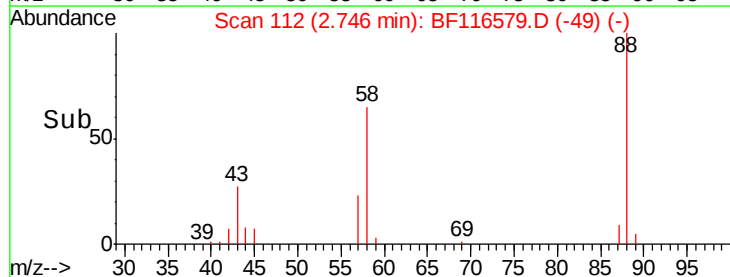
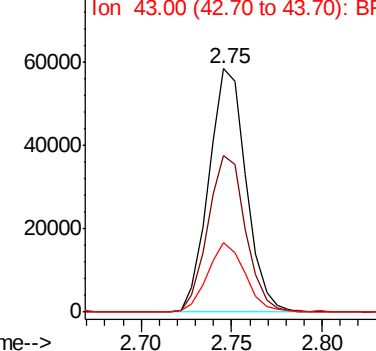
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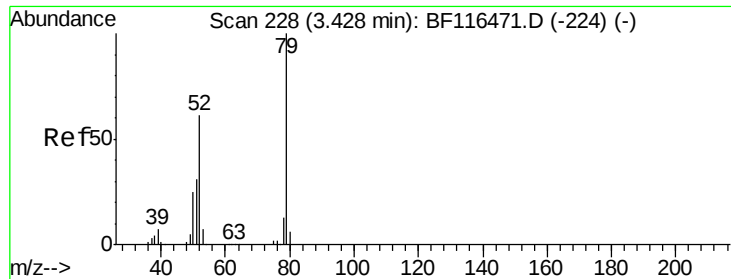
1,4-Dioxane
Concen: 42.217 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.07 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion: 88 Resp: 83342
Ion Ratio Lower Upper
88 100
58 65.2 53.4 80.0
43 28.7 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: 34.332 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

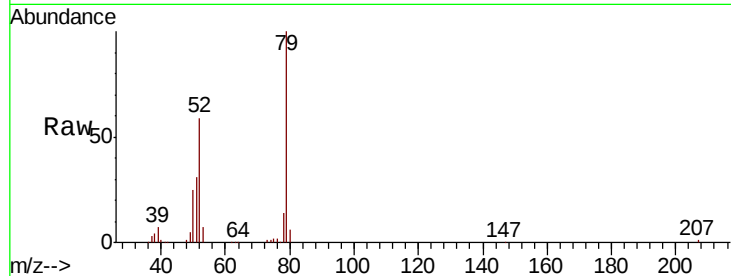
Tot Ion: 79 Resp: 206396

Ion Ratio Lower Upper

79 100

52 58.5 48.8 73.2

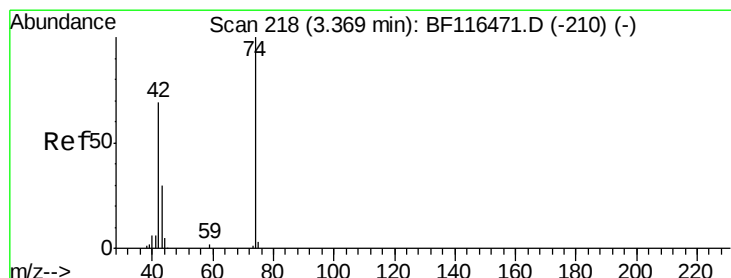
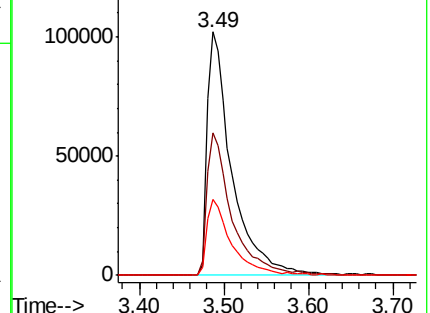
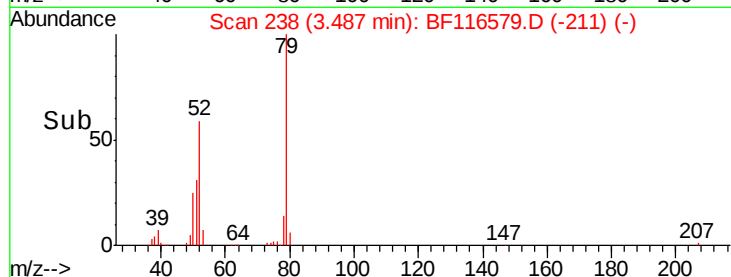
51 31.0 25.2 37.8



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: 45.481 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.06 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

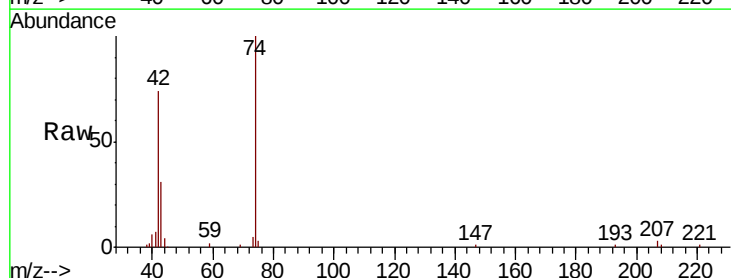
Tgt Ion: 42 Resp: 99815

Ion Ratio Lower Upper

42 100

74 135.3 115.3 172.9

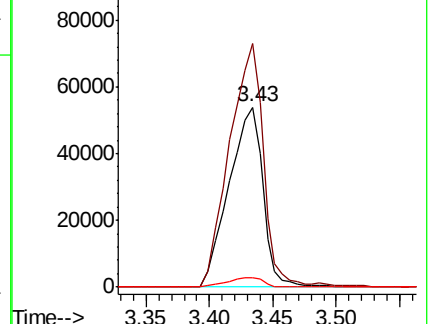
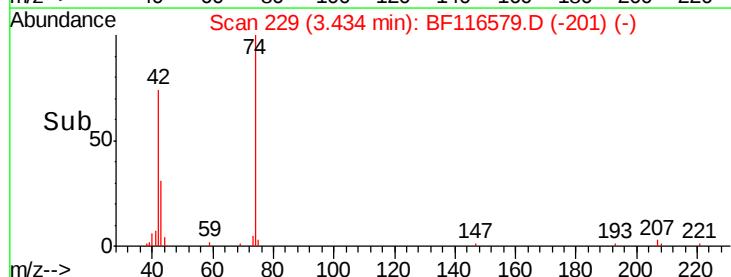
44 5.4 5.8 8.8#

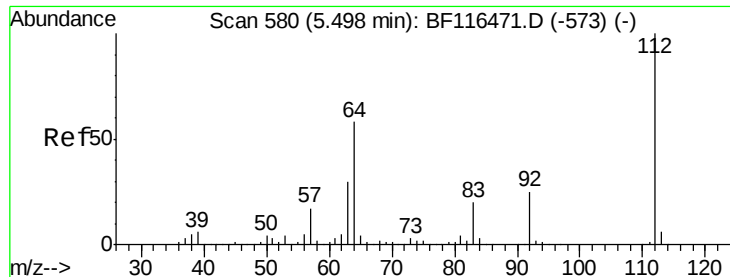


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

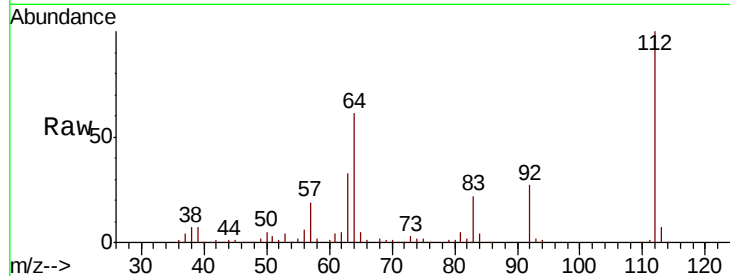




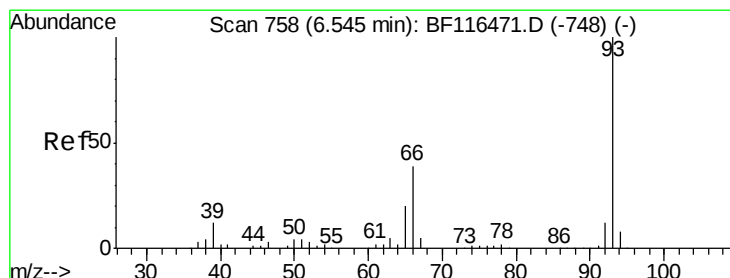
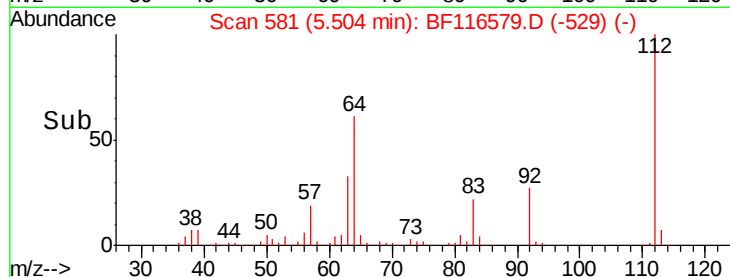
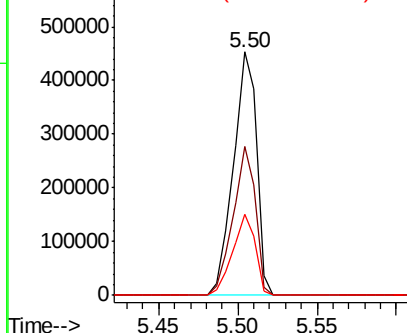
#5
2-Fluorophenol
Concen: 100.992 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 460475
Ion Ratio Lower Upper
112 100
64 61.2 46.3 69.5
63 33.4 24.2 36.4

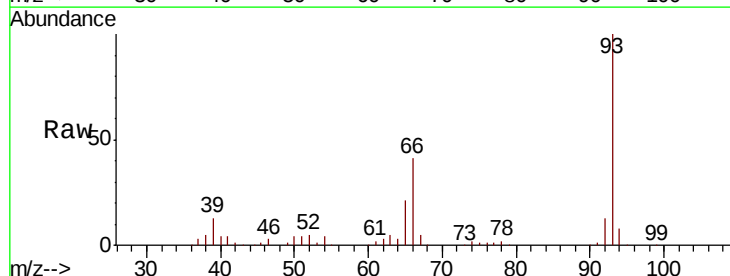


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

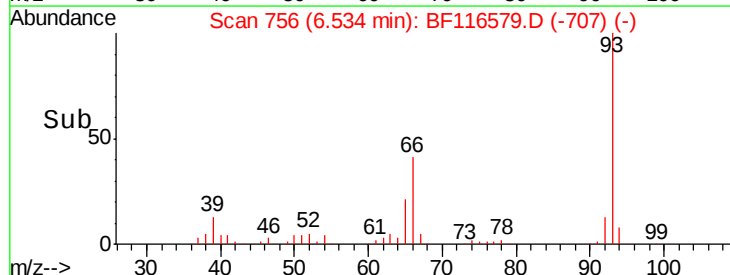
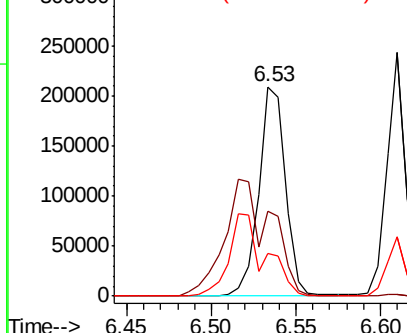


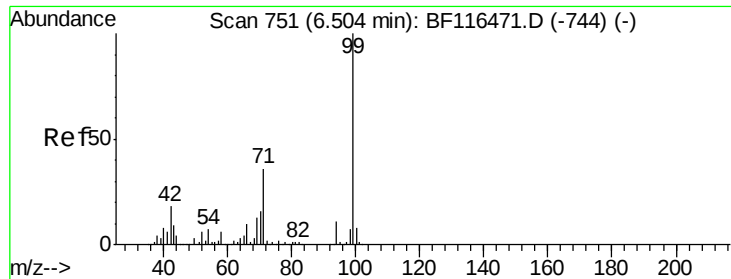
#6
Aniline
Concen: 30.637 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion: 93 Resp: 231885
Ion Ratio Lower Upper
93 100
66 40.6 32.2 48.2
65 20.5 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: 103.659 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

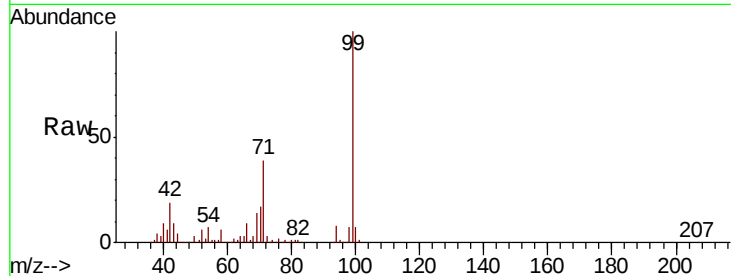
Tot Ion: 99 Resp: 579517

Ion Ratio Lower Upper

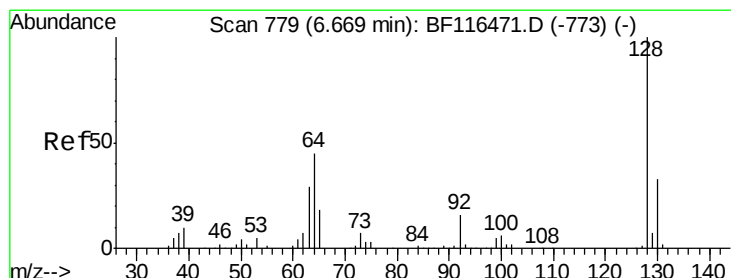
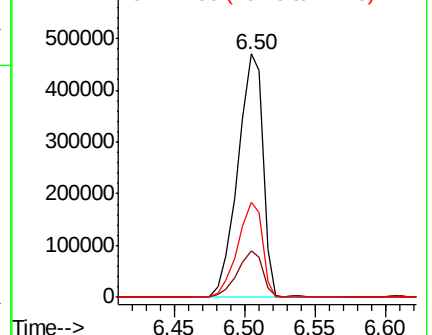
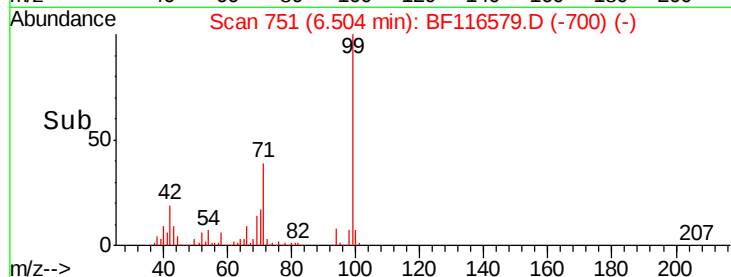
99 100

42 19.0 14.6 21.8

71 39.3 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: 41.426 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

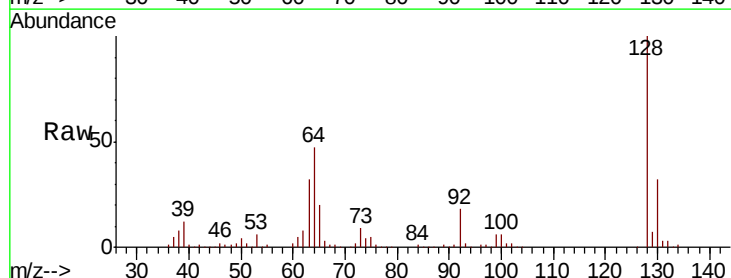
Tgt Ion: 128 Resp: 198211

Ion Ratio Lower Upper

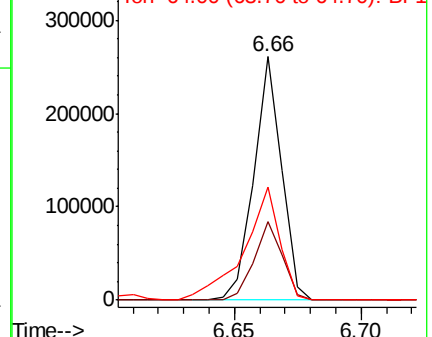
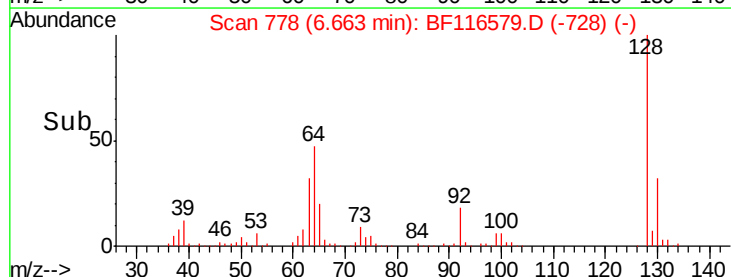
128 100

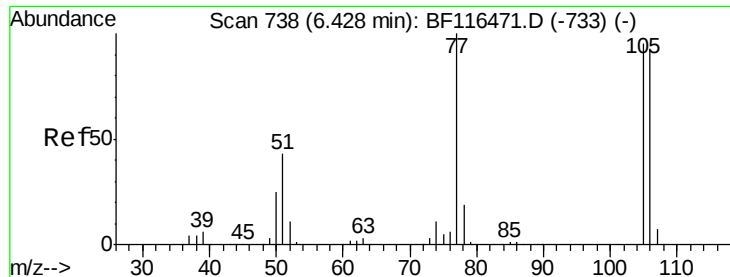
130 32.2 13.4 53.4

64 46.6 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: 39.567 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

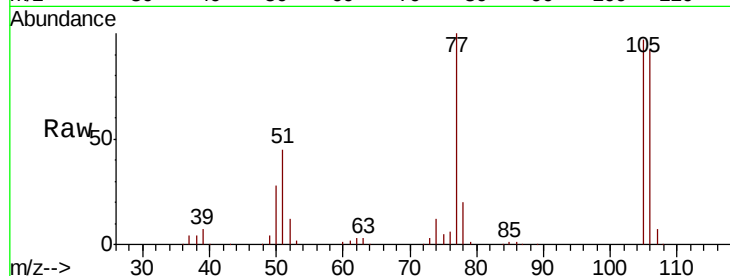
Tot Ion: 77 Resp: 147800

Ion Ratio Lower Upper

77 100

105 97.1 75.5 115.5

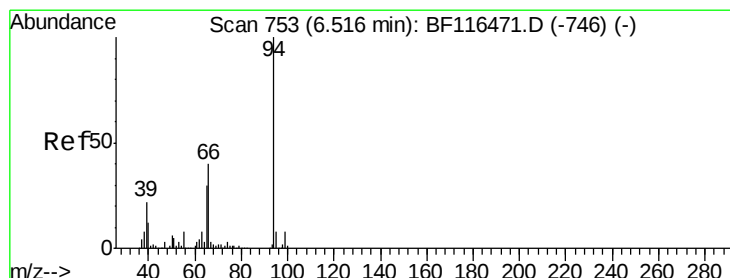
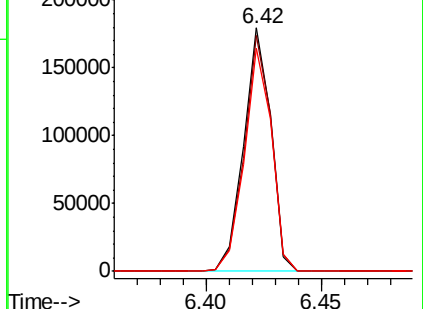
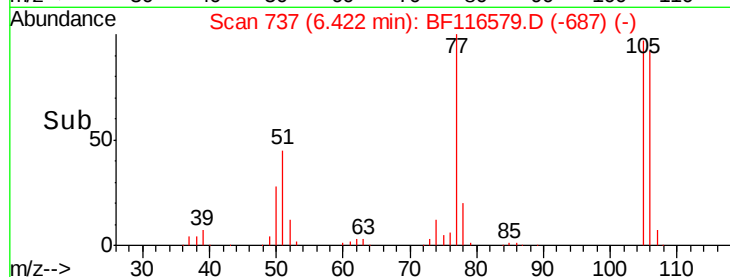
106 91.6 73.2 113.2



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: 42.476 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

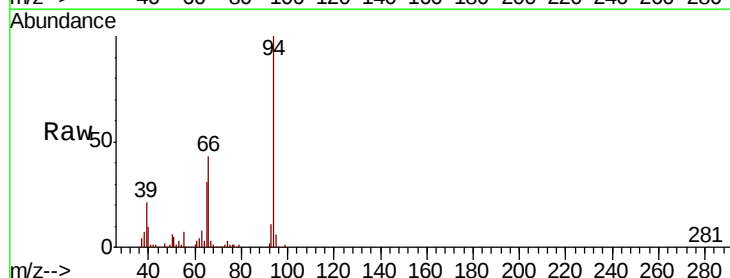
Tgt Ion: 94 Resp: 257868

Ion Ratio Lower Upper

94 100

65 30.6 10.0 50.0

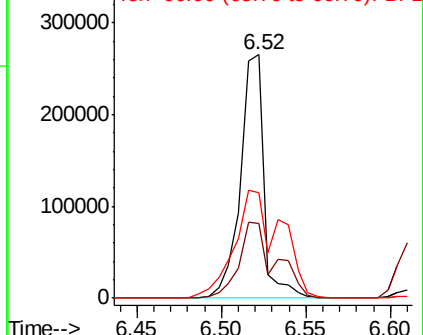
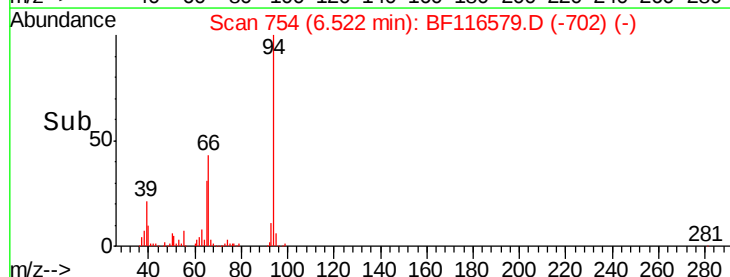
66 43.3 19.8 59.8

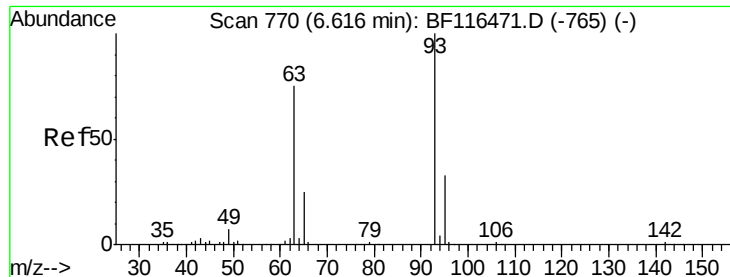


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.802 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

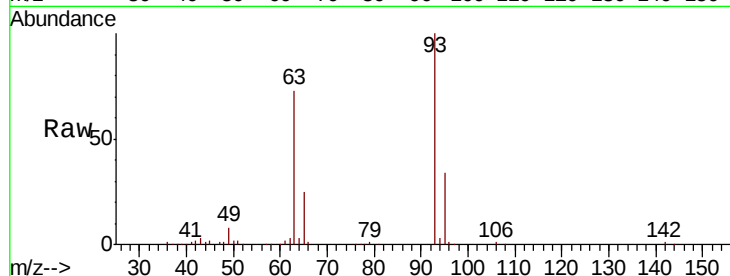
Tot Ion: 93 Resp: 183980

Ion Ratio Lower Upper

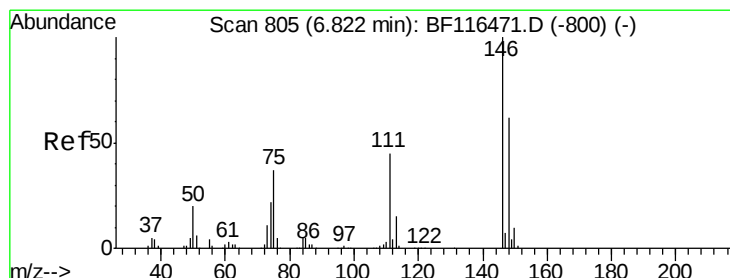
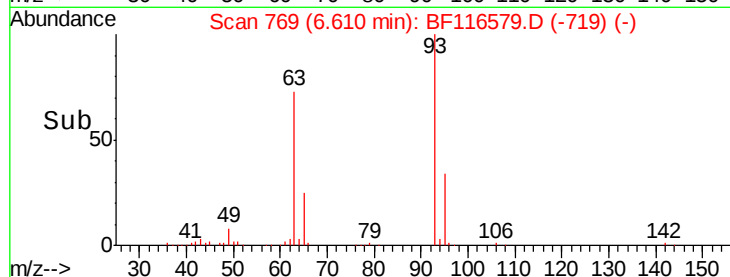
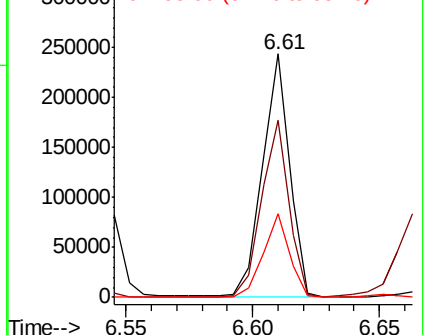
93 100

63 72.9 54.3 94.3

95 34.1 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: 40.908 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

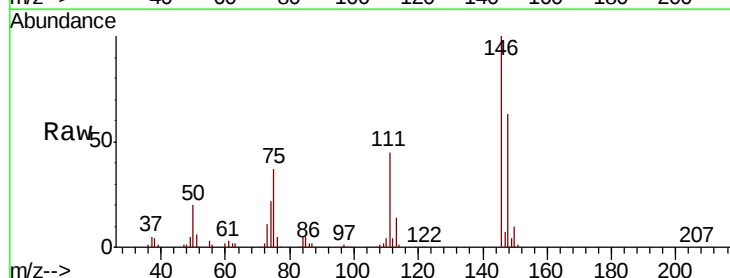
Tgt Ion: 146 Resp: 211858

Ion Ratio Lower Upper

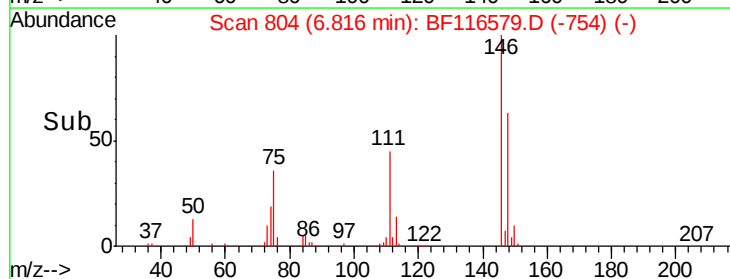
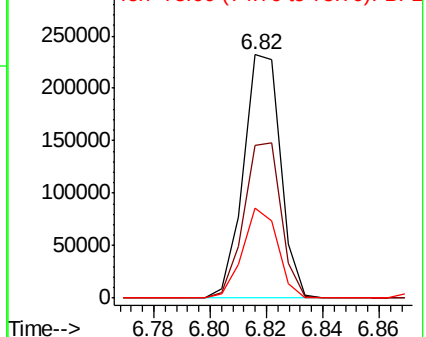
146 100

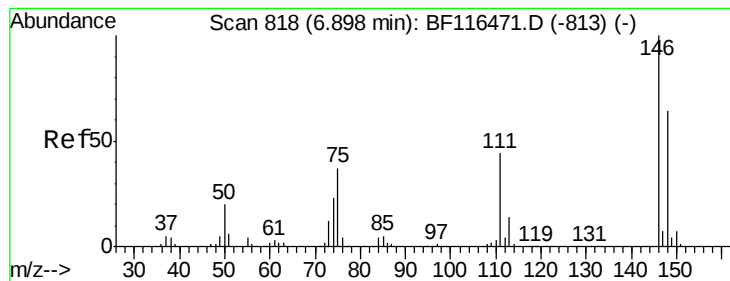
148 62.8 49.8 74.8

75 37.1 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: 43.185 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

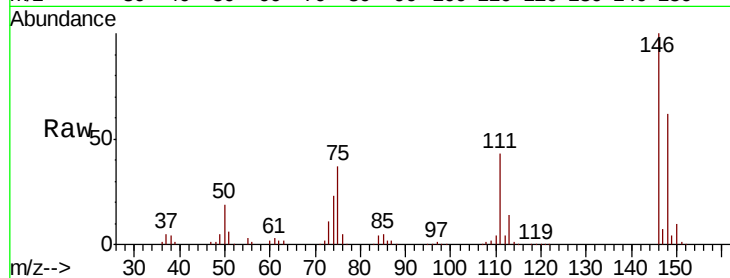
Tot Ion:146 Resp: 215250

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.4

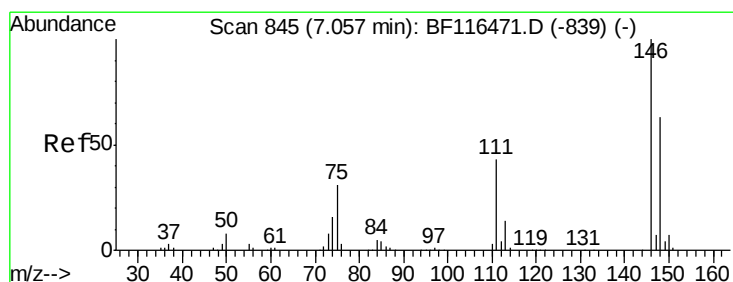
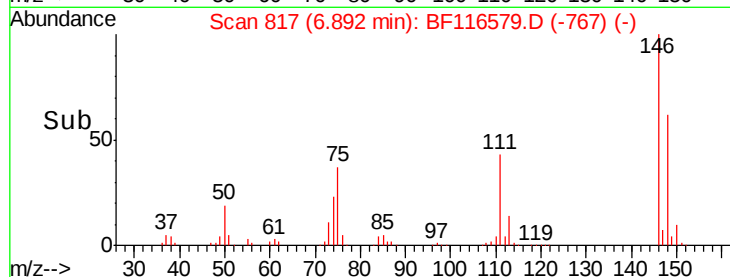
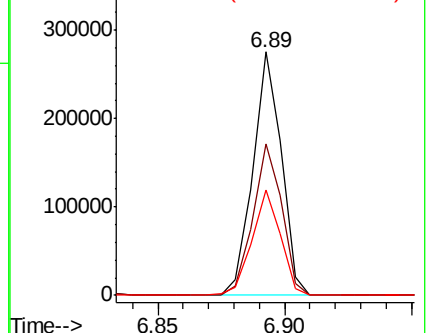
111 43.1 35.4 53.2



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: 43.542 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

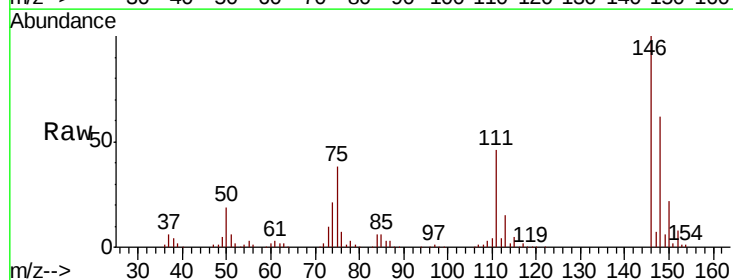
Tgt Ion:146 Resp: 204739

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

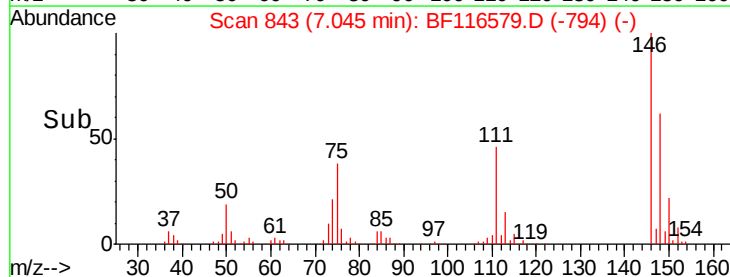
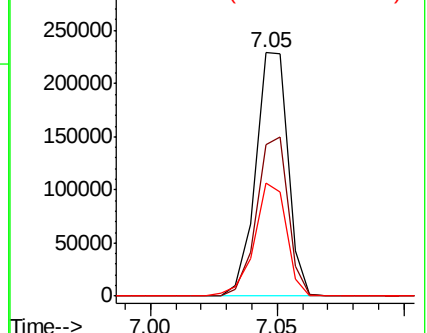
111 46.5 34.5 51.7

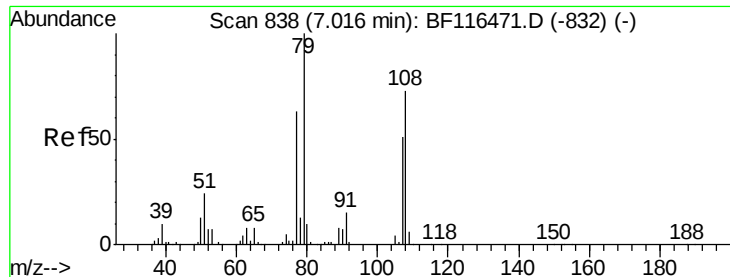


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.133 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

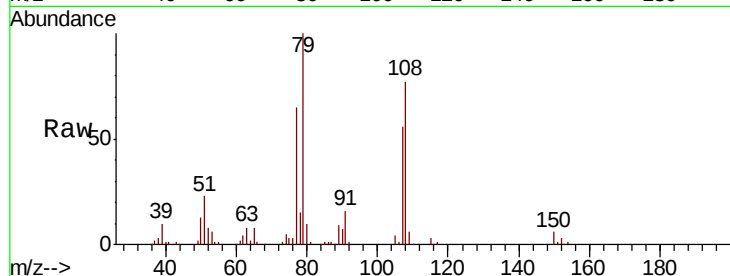
Tot Ion: 79 Resp: 190624

Ion Ratio Lower Upper

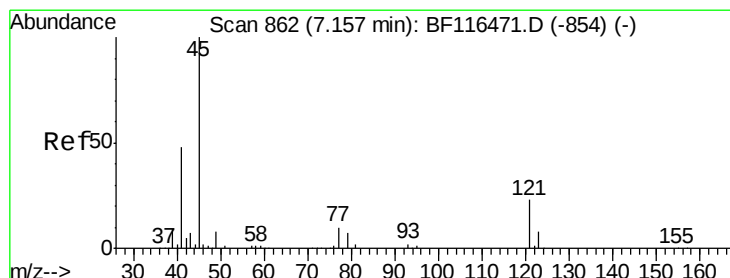
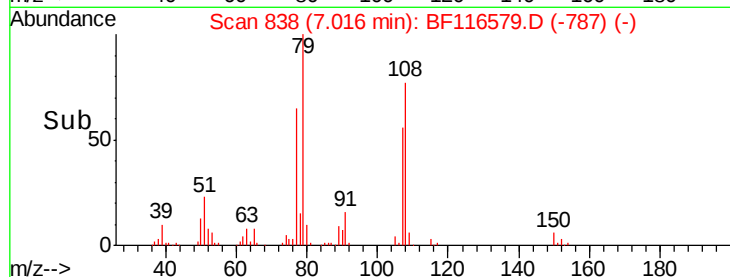
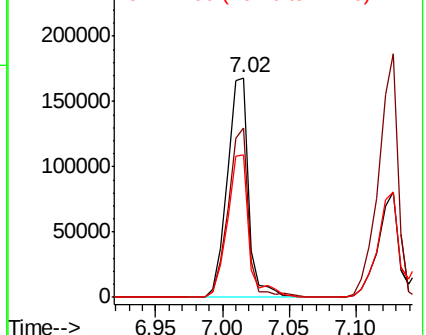
79 100

108 77.1 58.1 87.1

77 64.8 50.6 76.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.637 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

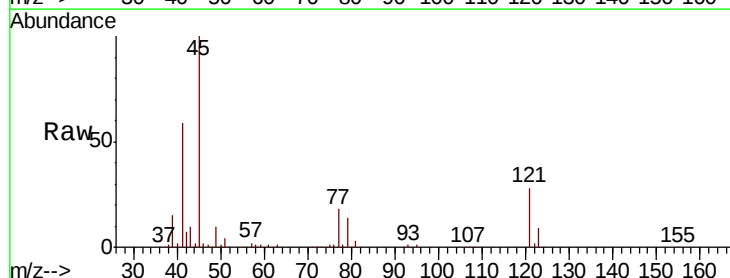
Tgt Ion: 45 Resp: 214981

Ion Ratio Lower Upper

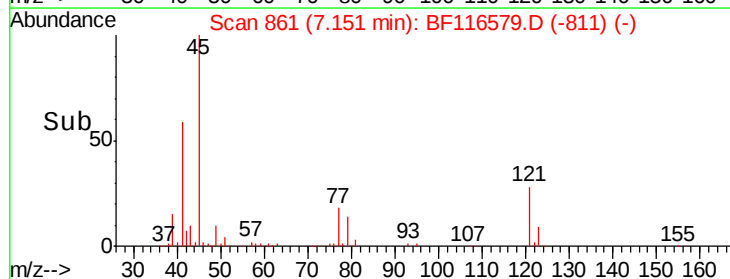
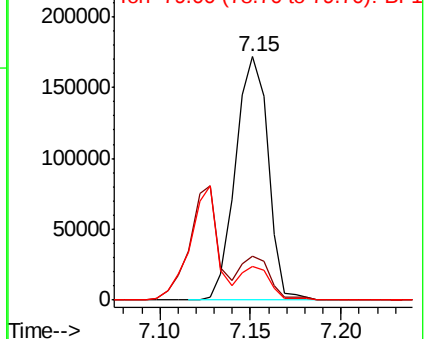
45 100

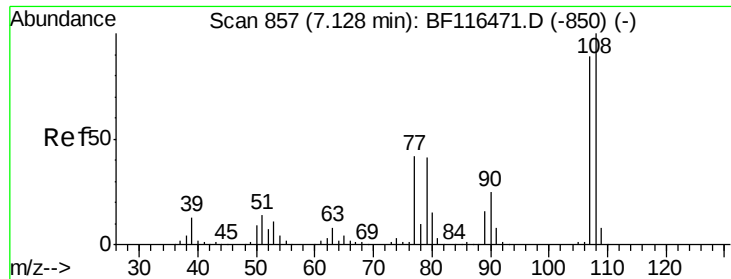
77 18.0 0.0 36.1

79 13.7 0.0 32.3



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

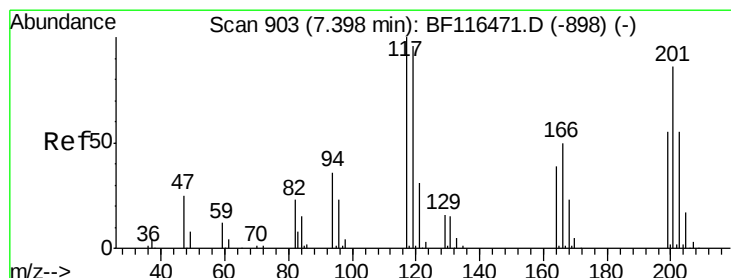
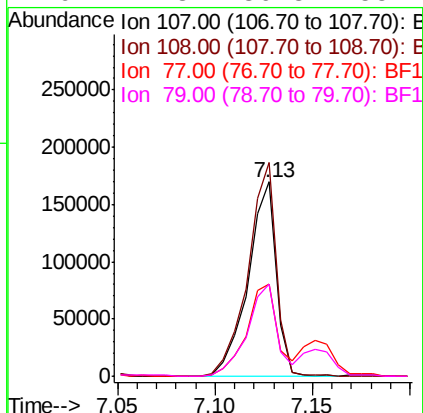
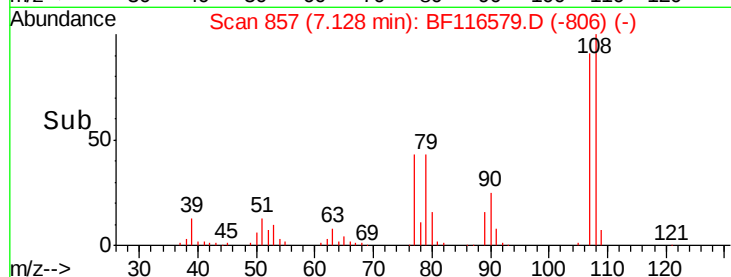
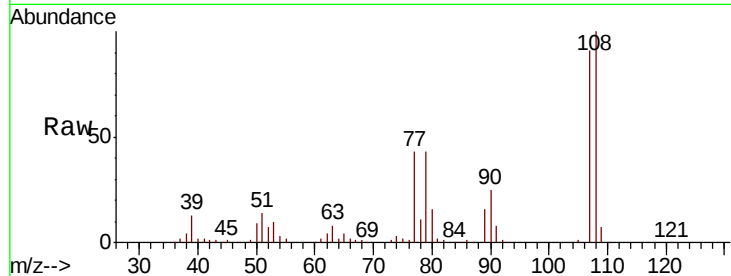




#17
2-Methylphenol
Concen: 42.905 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

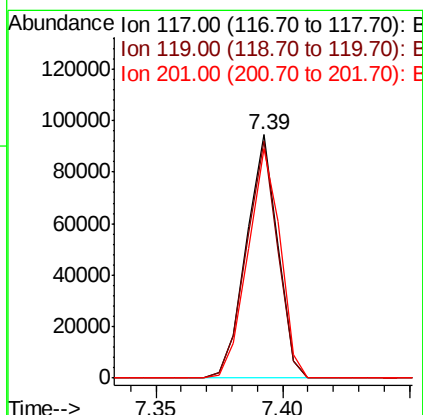
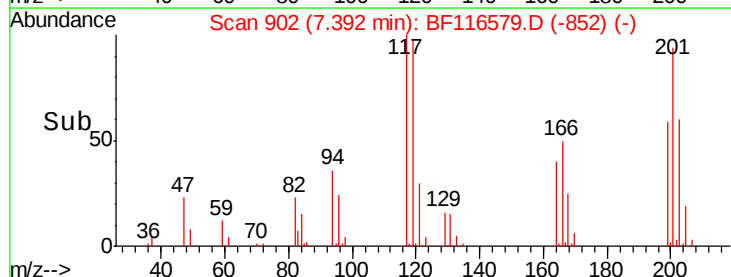
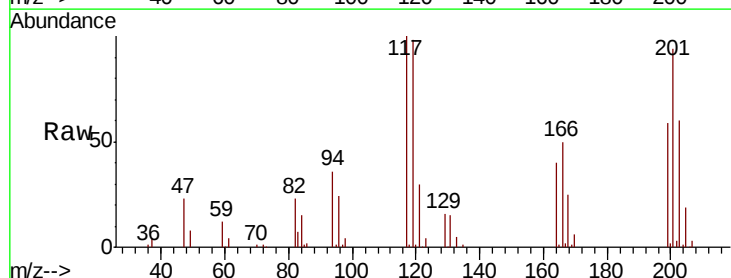
Instrument :
BNA_F
ClientSampled :

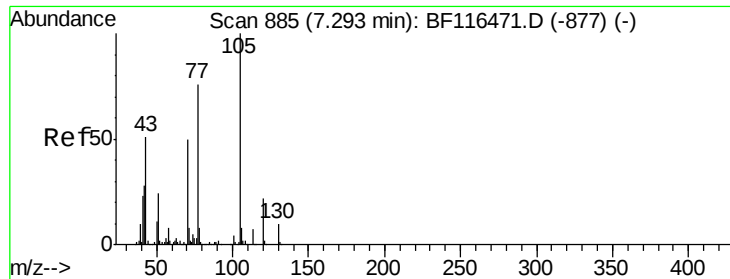
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.0	135.0
77	47.3	37.6	56.4
79	47.3	36.8	55.2



#18
Hexachloroethane
Concen: 41.852 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.6
201	94.3	69.1	103.7

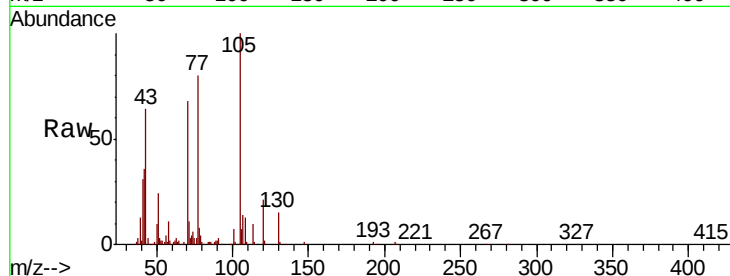




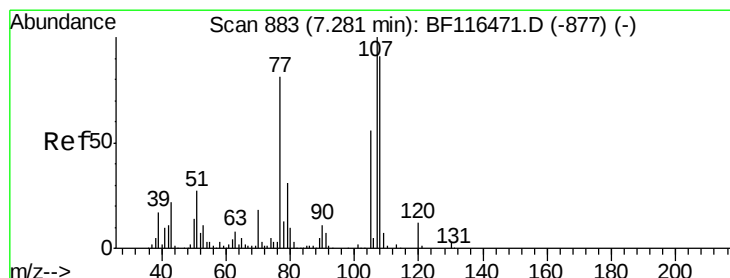
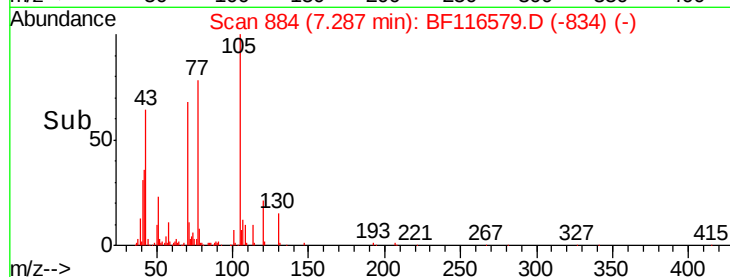
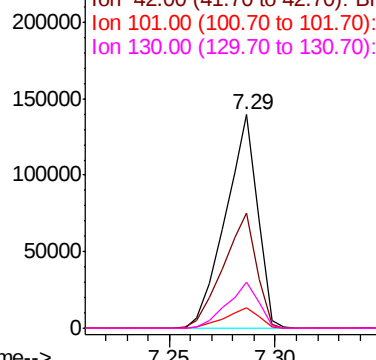
#19
n-Nitroso-di-n-propylamine
Concen: 38.614 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	147304
Ion	Ratio	Lower	Upper
70	100		
42	53.9	44.4	66.6
101	9.8	7.1	10.7
130	21.5	15.8	23.8

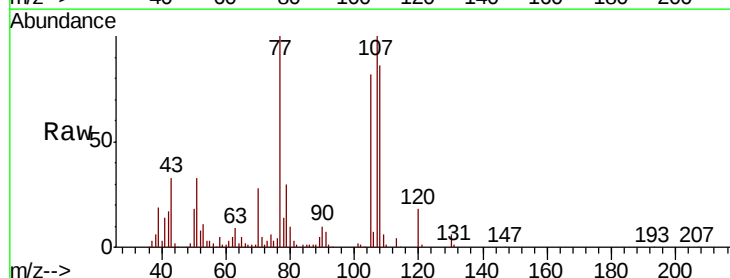


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

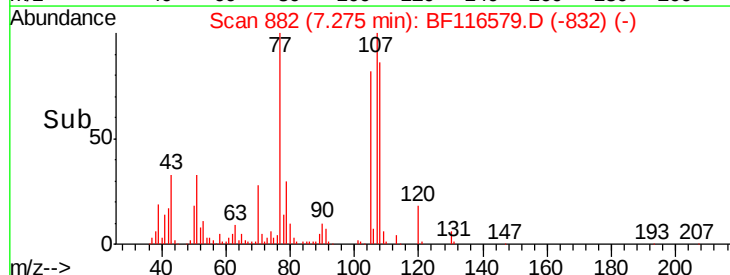
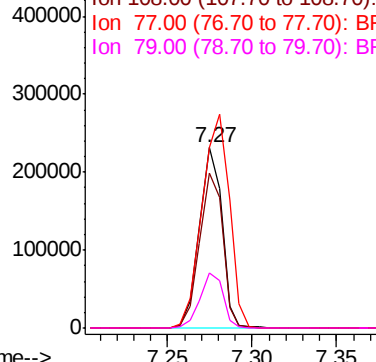


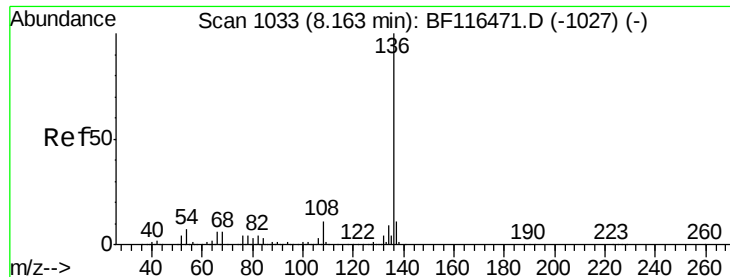
#20
3+4-Methylphenols
Concen: 44.541 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:	107	Resp:	216306
Ion	Ratio	Lower	Upper
107	100		
108	85.9	70.7	110.7
77	100.2	60.6	100.6
79	30.3	11.1	51.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 276902

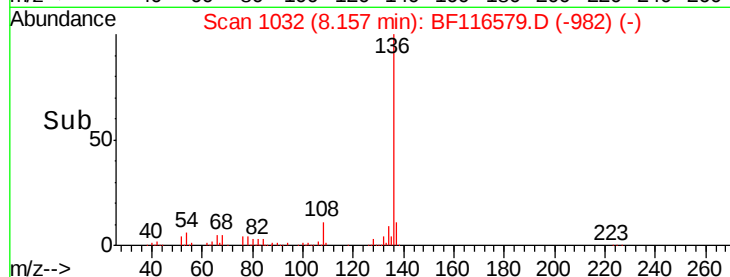
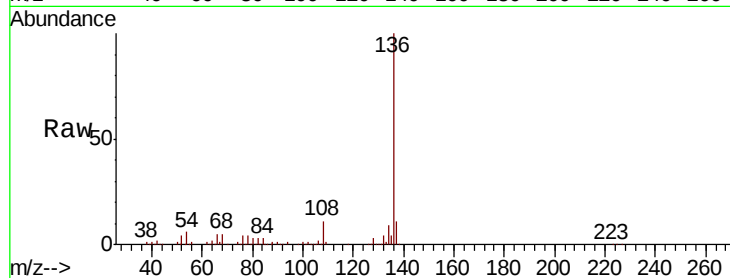
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.2 5.8 8.6

68 5.2 5.1 7.7

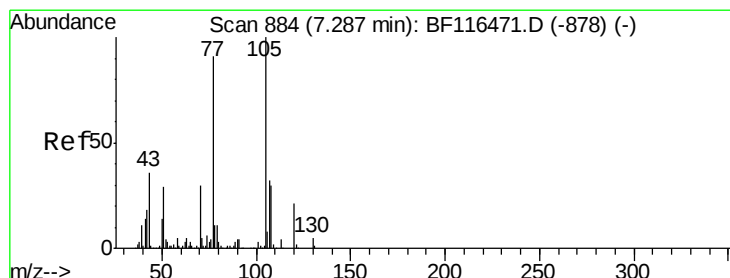
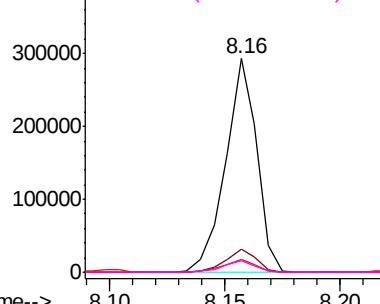


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.580 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Tgt Ion:105 Resp: 294830

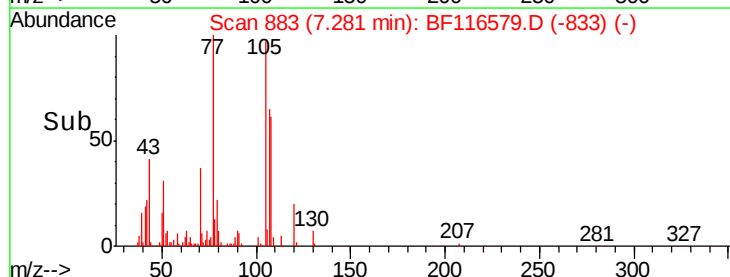
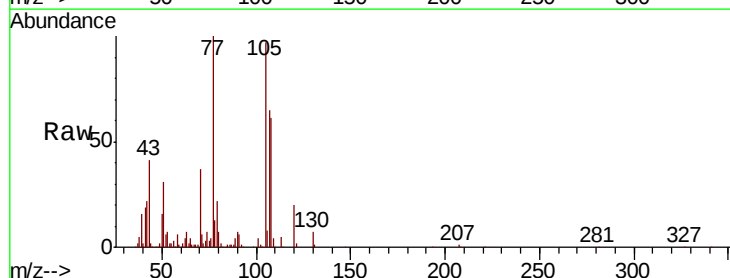
Ion Ratio Lower Upper

105 100

71 6.6 4.2 6.2#

51 32.5 23.0 34.4

120 21.1 16.5 24.7

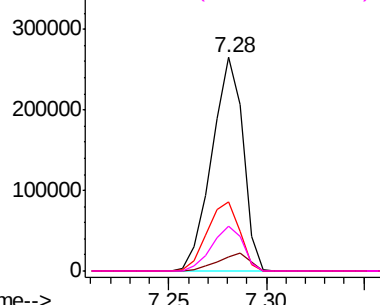


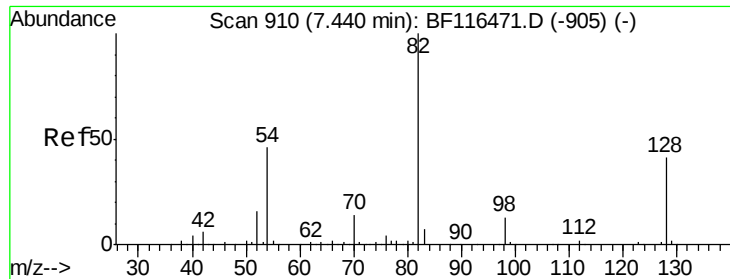
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

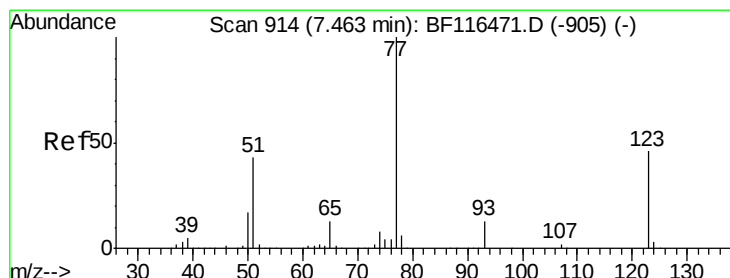
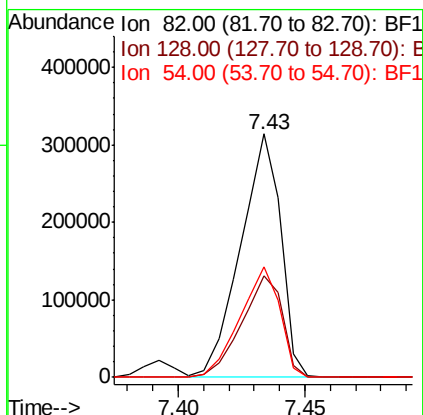
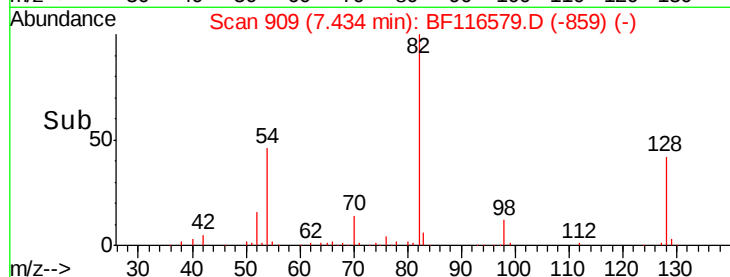
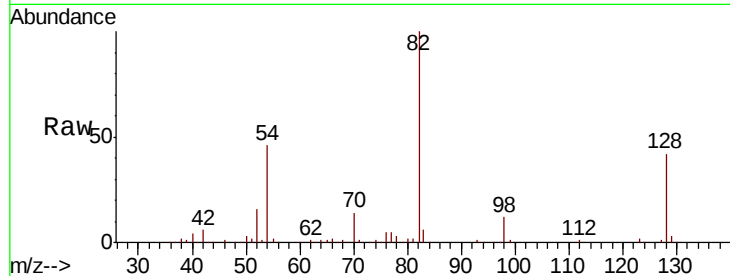




#23
 Nitrobenzene-d5
 Concen: 68.470 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

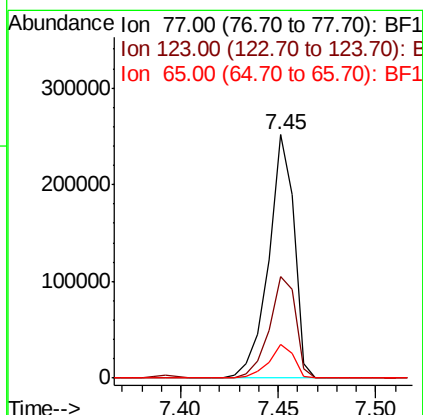
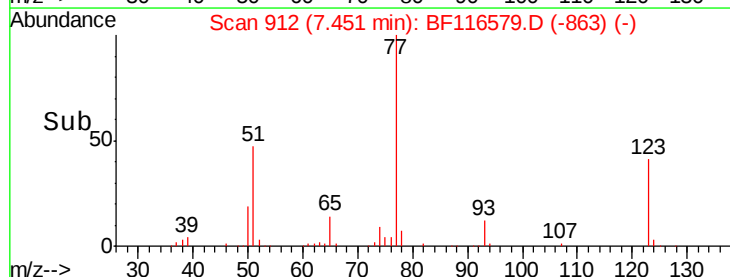
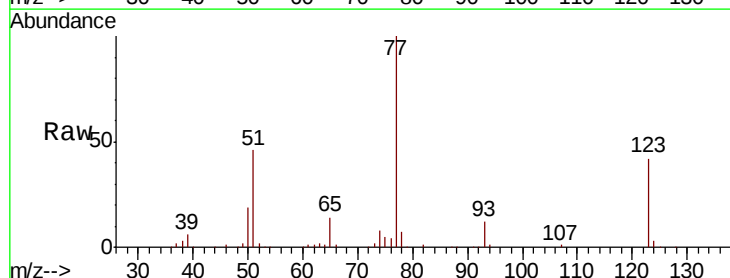
Instrument :
 BNA_F
 ClientSampleId :

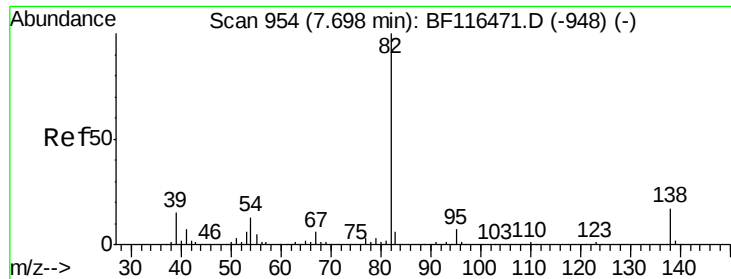
Tot Ion	82	Resp	346546
Ion Ratio	100	Lower	Upper
128	41.9	32.2	48.4
54	45.6	36.5	54.7



#24
 Nitrobenzene
 Concen: 43.328 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	77	Resp	227100
Ion Ratio	100	Lower	Upper
123	41.7	37.0	55.4
65	13.6	10.5	15.7





#25

Isophorone

Concen: 40.281 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

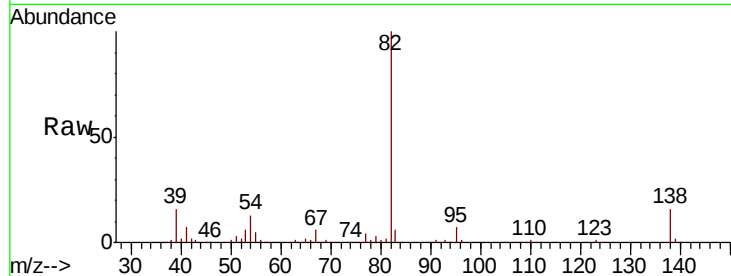
Tot Ion: 82 Resp: 401763

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

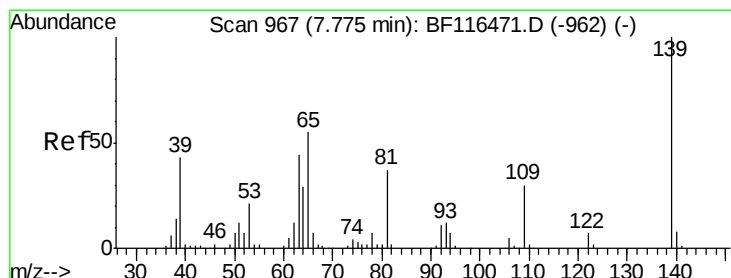
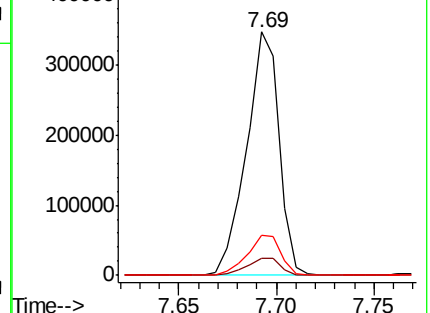
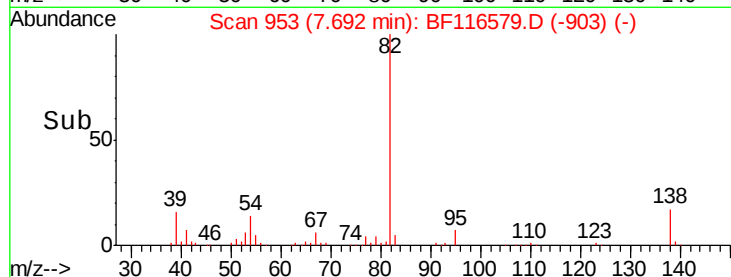
138 16.3 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.257 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

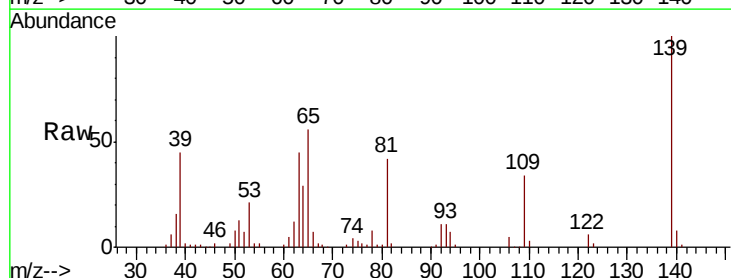
Tgt Ion: 139 Resp: 105792

Ion Ratio Lower Upper

139 100

109 33.6 24.3 36.5

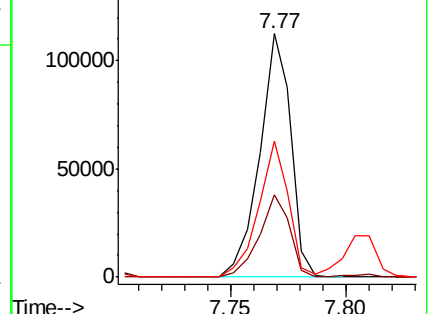
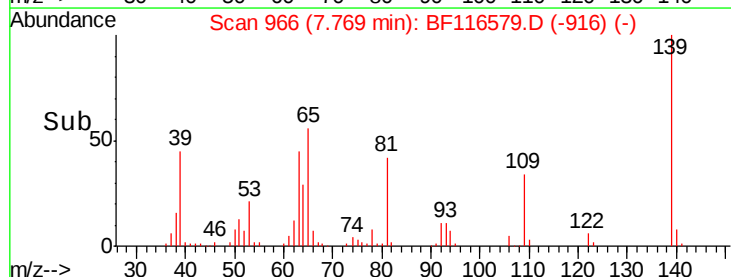
65 55.7 44.0 66.0

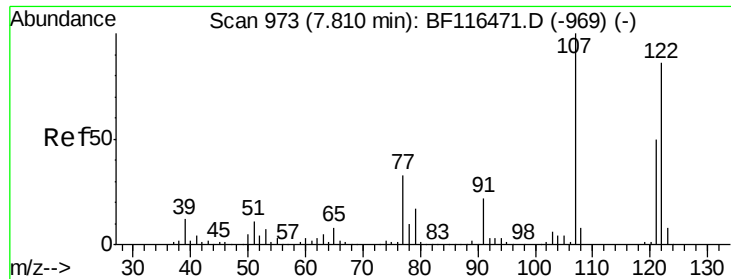


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

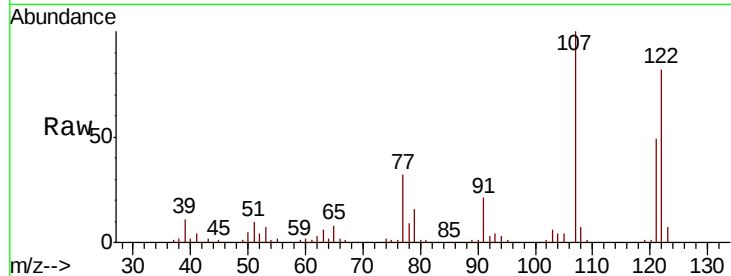




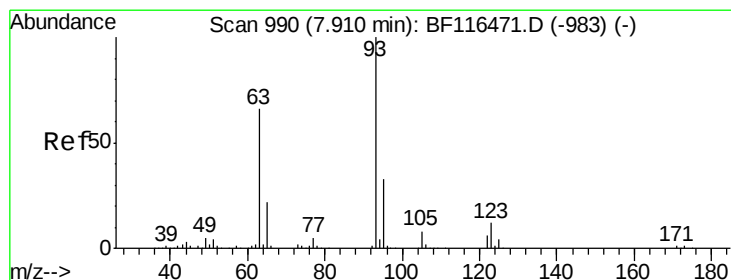
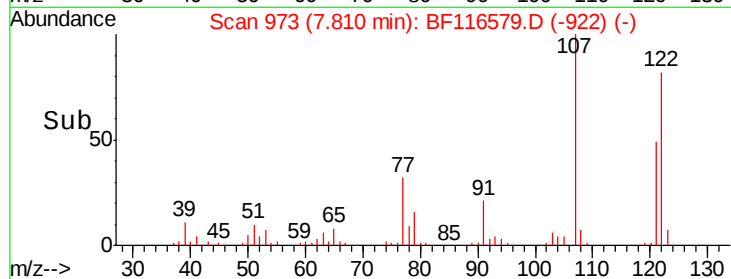
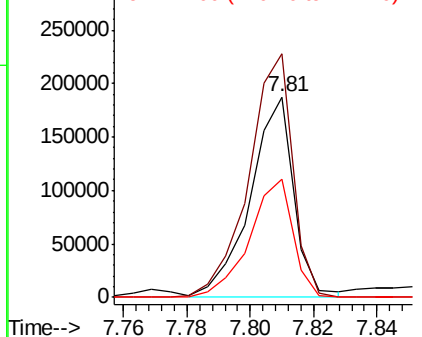
#27
 2,4-Dimethylphenol
 Concen: 44.861 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 179212
 Ion Ratio Lower Upper
 122 100
 107 121.6 92.4 138.6
 121 59.3 46.2 69.4

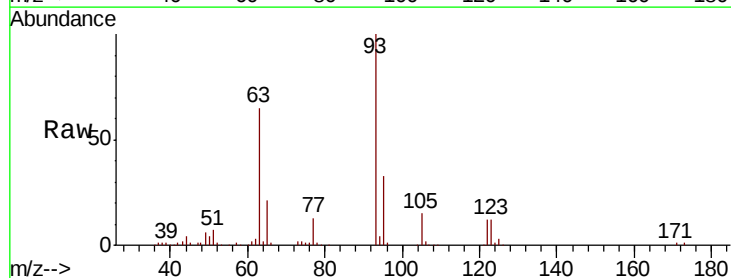


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

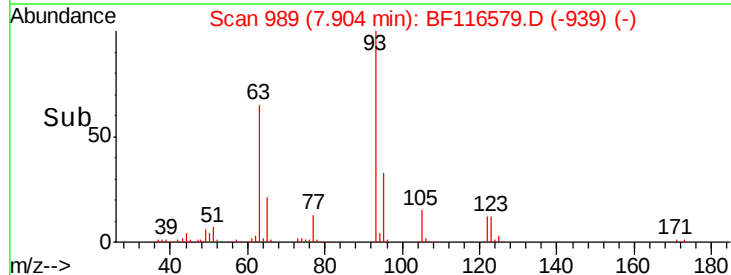
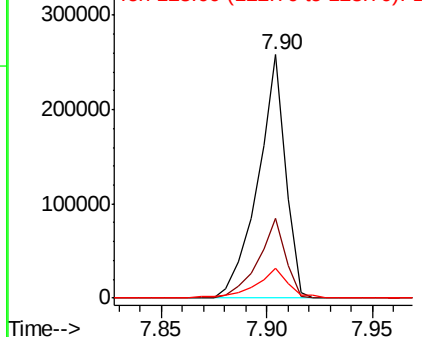


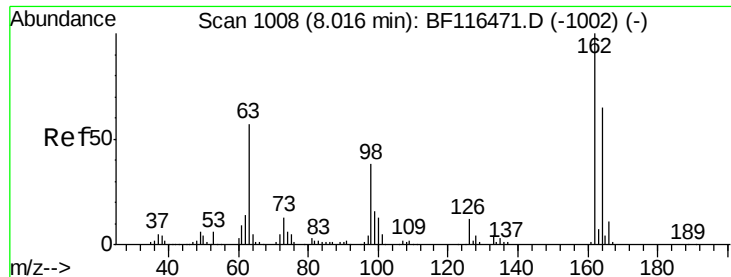
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.075 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion: 93 Resp: 234522
 Ion Ratio Lower Upper
 93 100
 95 32.9 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

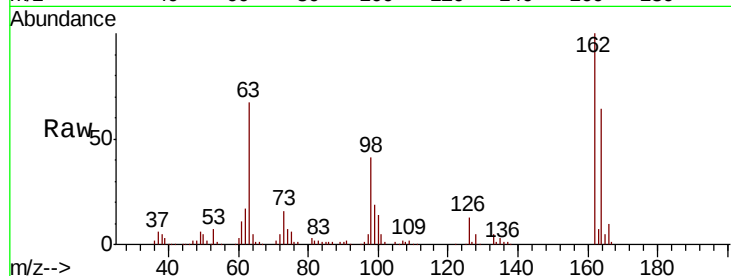




#29
 2,4-Dichlorophenol
 Concen: 44.140 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	40.5	17.9	57.9

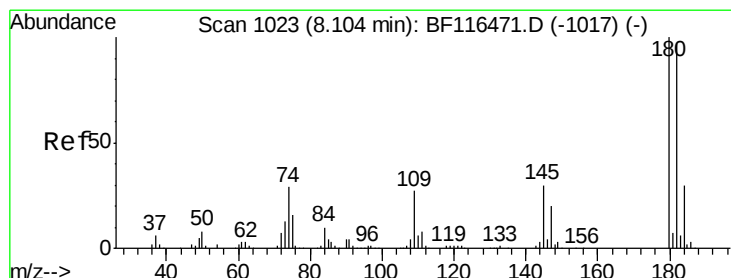
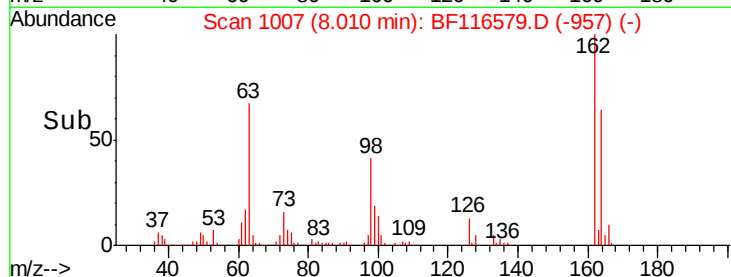
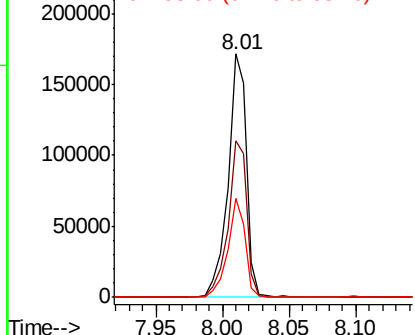


Abundance

Ion 162.00 (161.70 to 162.70): E

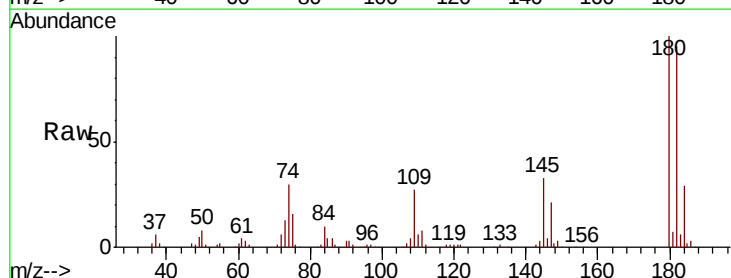
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.999 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	32.7	24.3	36.5

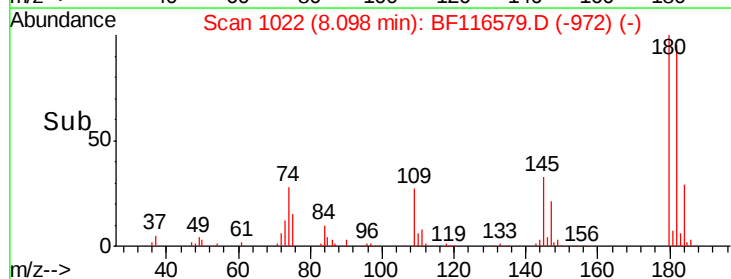
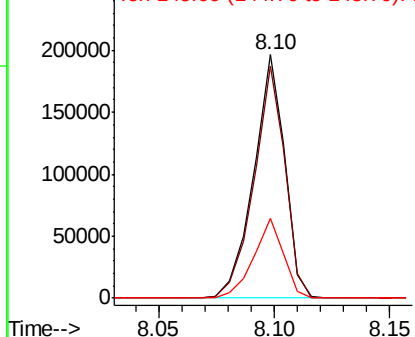


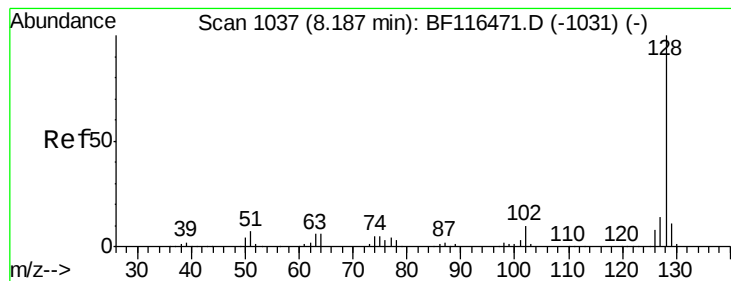
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.867 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

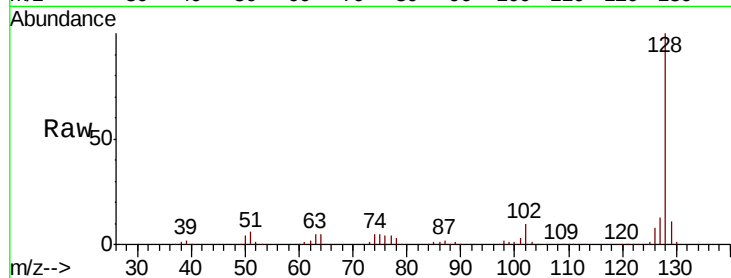
Tot Ion:128 Resp: 587606

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

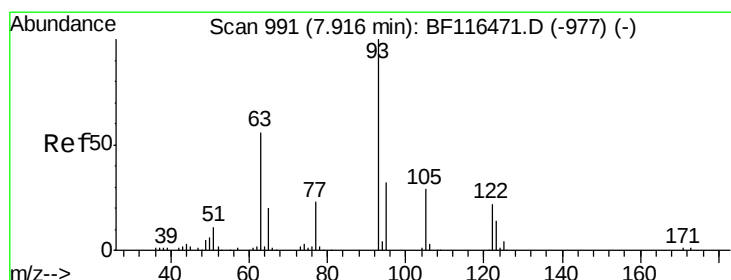
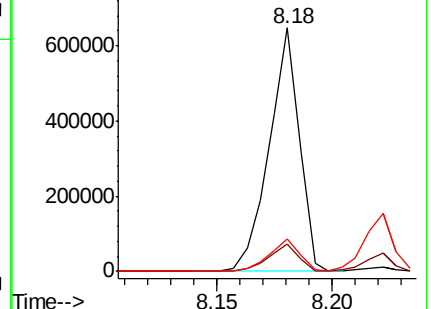
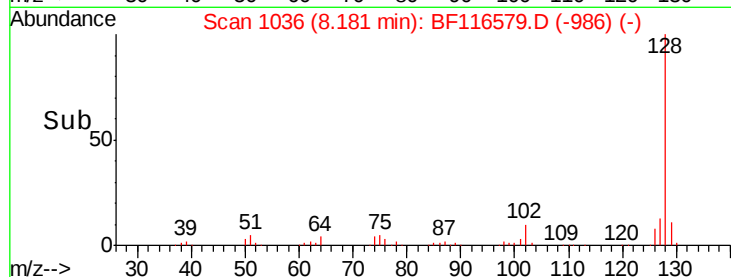
127 13.4 10.9 16.3



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: 47.365 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

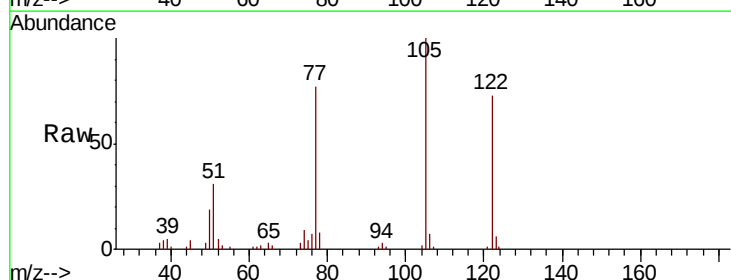
Tgt Ion:122 Resp: 120962

Ion Ratio Lower Upper

122 100

105 137.2 109.9 149.9

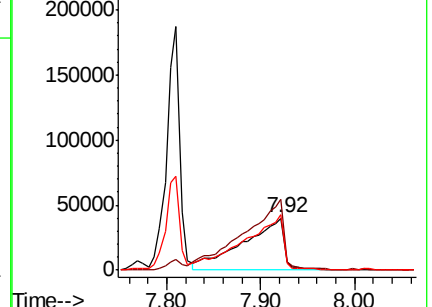
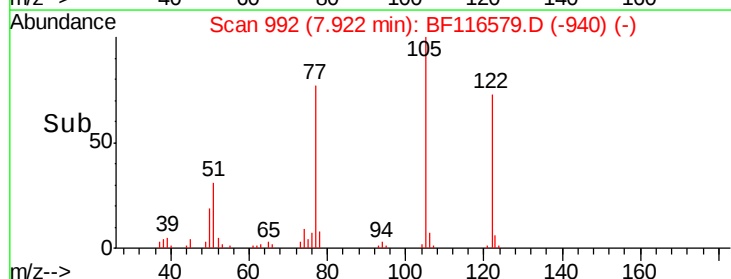
77 106.2 84.9 124.9

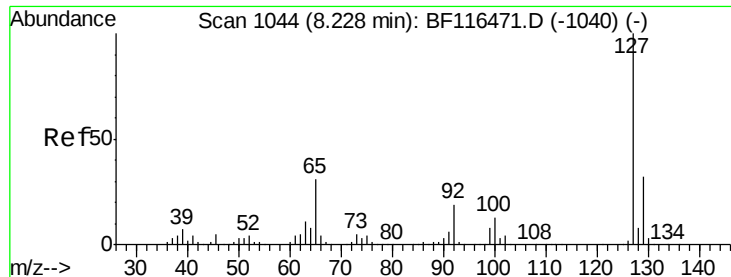


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

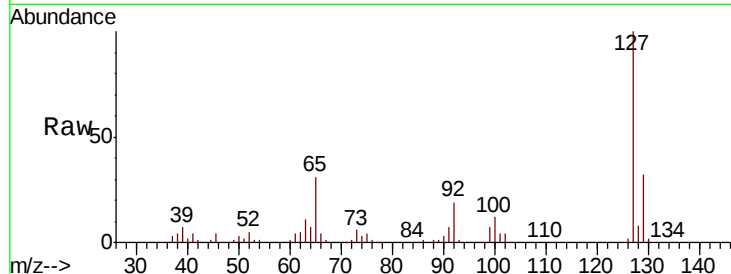




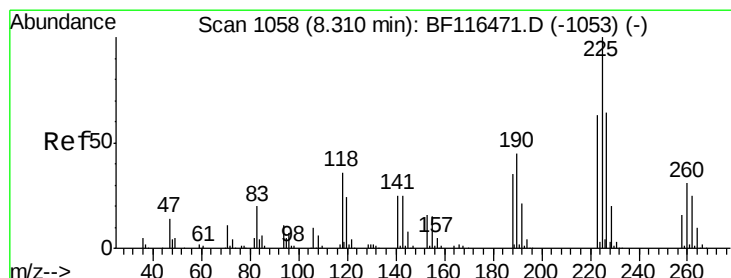
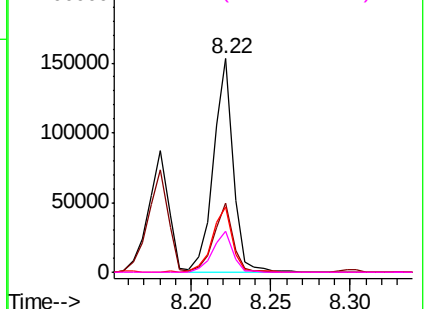
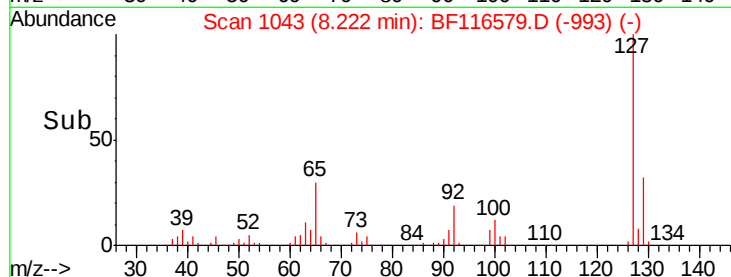
#33
4-Chloroaniline
Concen: 22.409 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	131776
Ion Ratio	Lower	Upper
127 100		
129 32.2	25.7	38.5
65 30.7	25.0	37.6
92 19.0	15.0	22.6

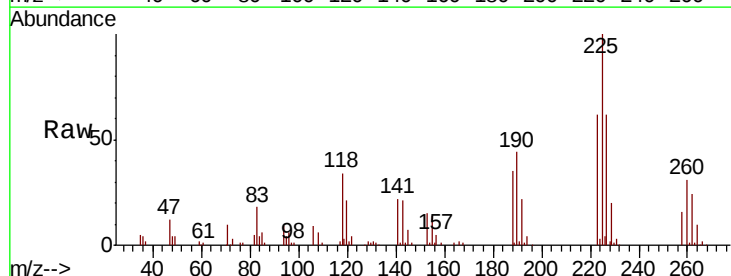


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

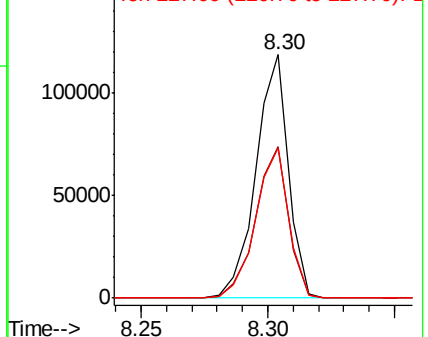
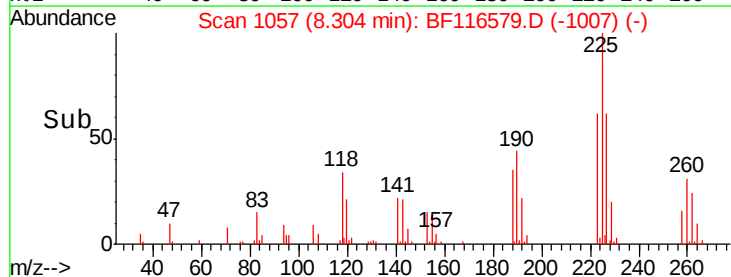


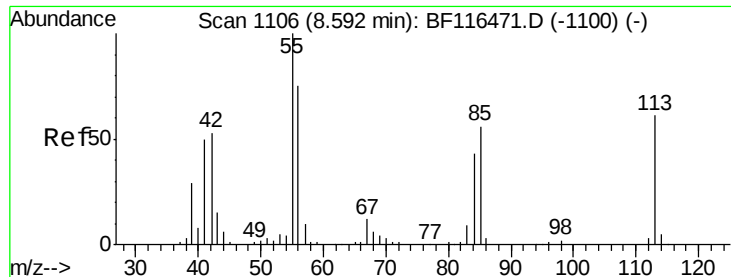
#34
Hexachlorobutadiene
Concen: 45.043 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:225	Resp:	105062
Ion Ratio	Lower	Upper
225 100		
223 62.0	50.3	75.5
227 61.9	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

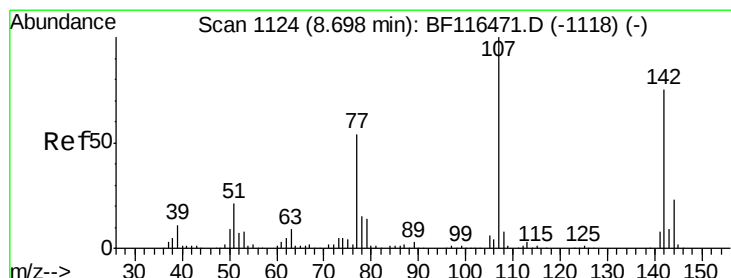
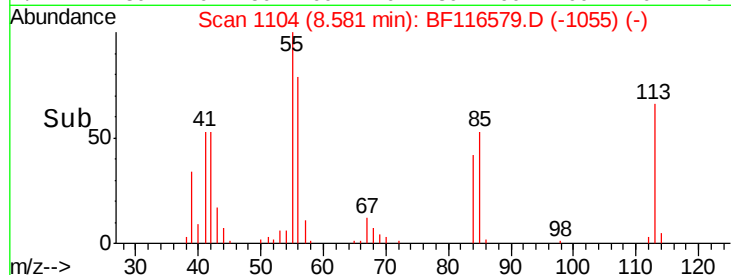
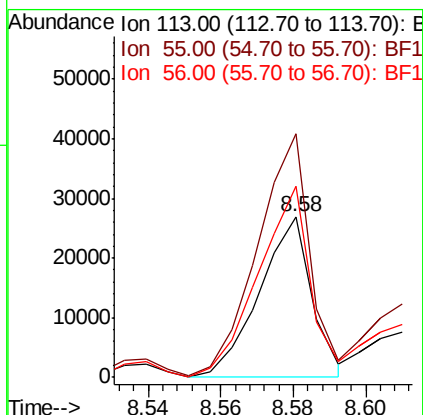
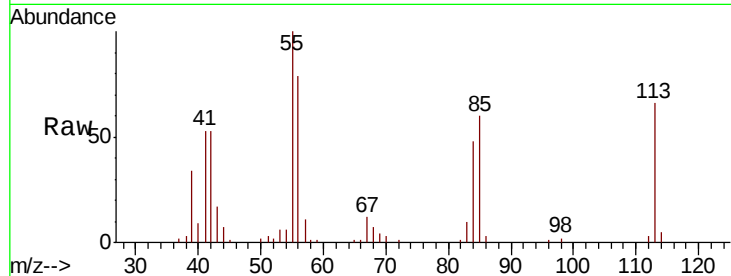




#35
 Caprolactam
 Concen: 20.499 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

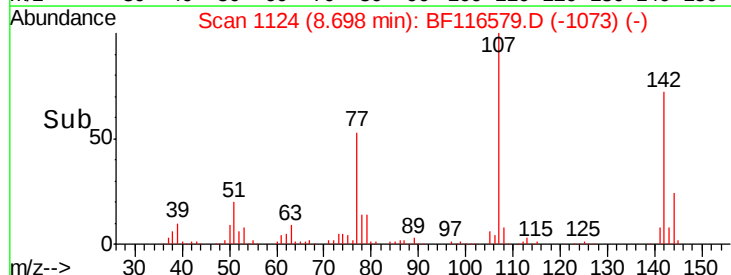
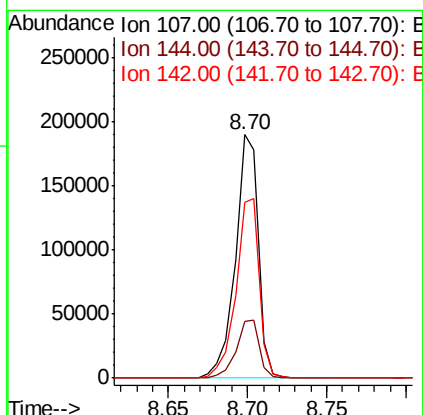
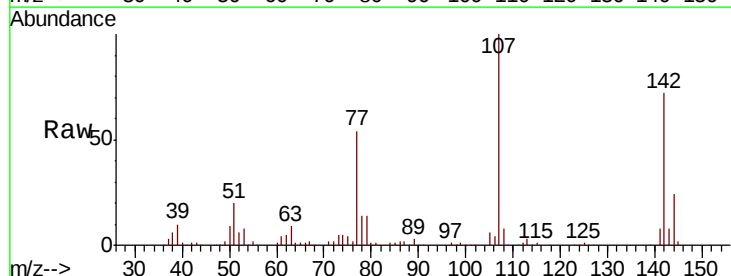
Instrument :
 BNA_F
 ClientSampled :

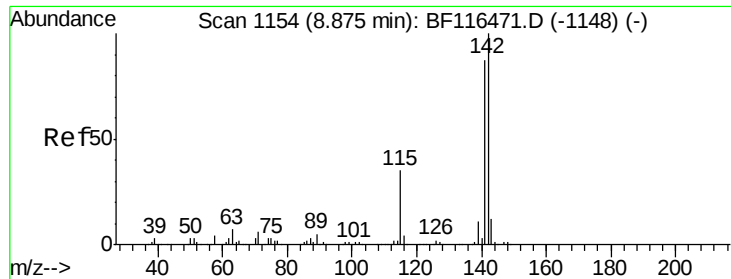
Tot Ion:113 Resp: 27126
 Ion Ratio Lower Upper
 113 100
 55 151.6 143.6 183.6
 56 119.1 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.454 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion:107 Resp: 190552
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.8 28.2
 142 72.0 59.8 89.6

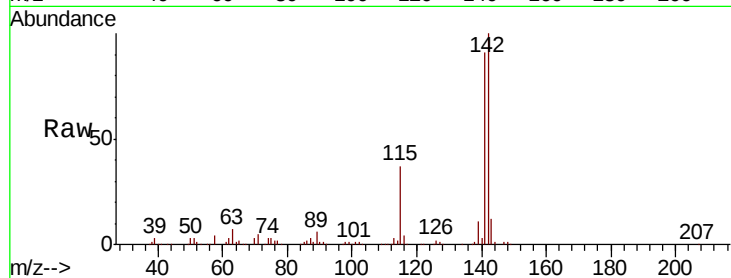




#37
2-Methylnaphthalene
Concen: 43.050 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.8	104.6
115	37.1	27.7	41.5

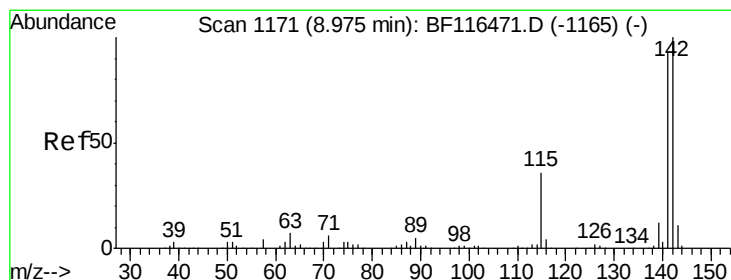
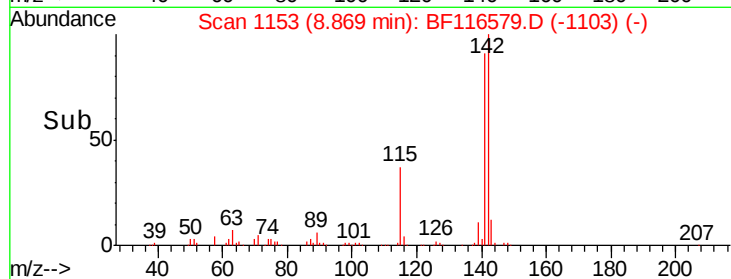
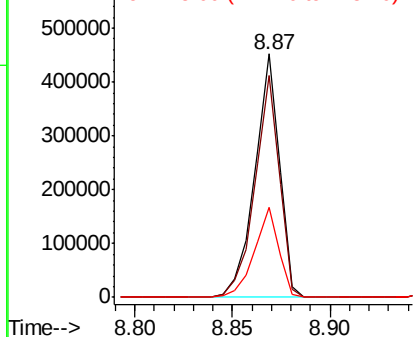


Abundance

Ion 142.00 (141.70 to 142.70): E

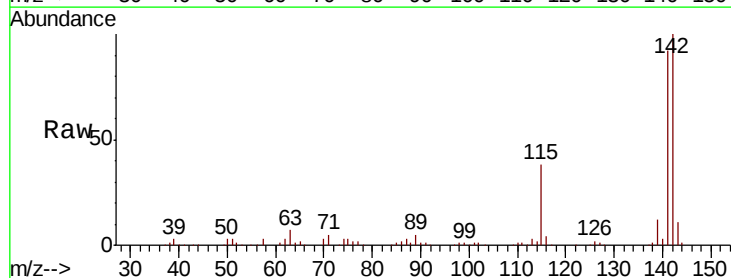
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.648 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.2
116	3.9	2.9	4.3

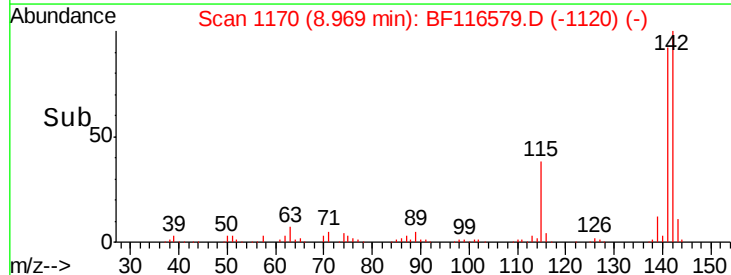
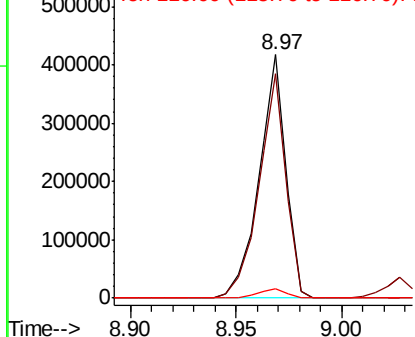


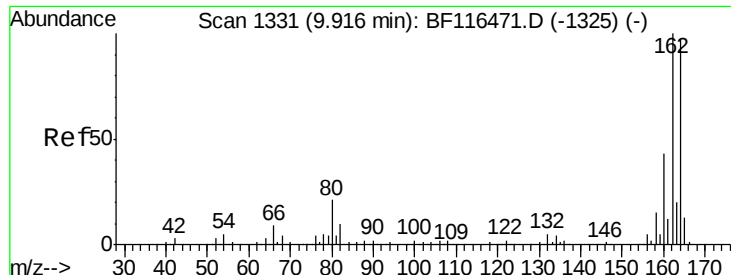
Abundance

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: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampled :

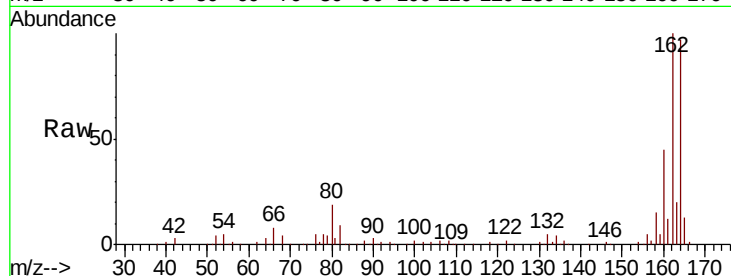
Tot Ion:164 Resp: 145897

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 45.8 35.8 53.8

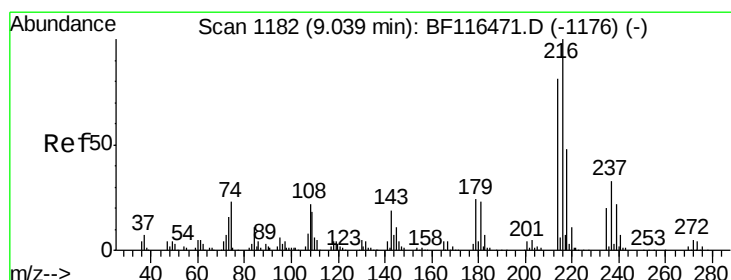
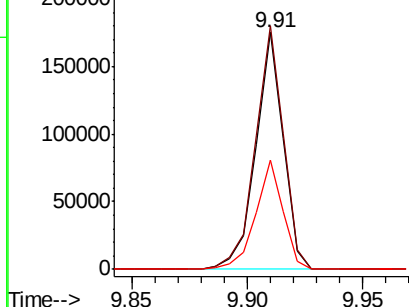
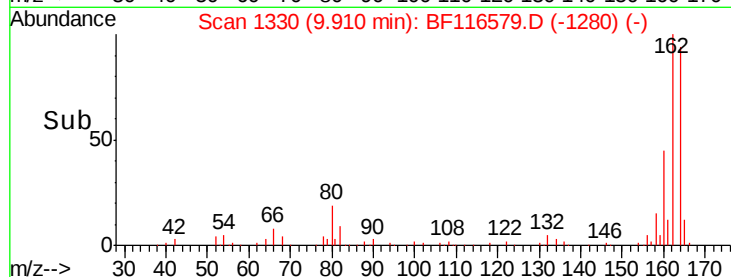


Abundance

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: 43.837 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Tgt Ion:216 Resp: 172071

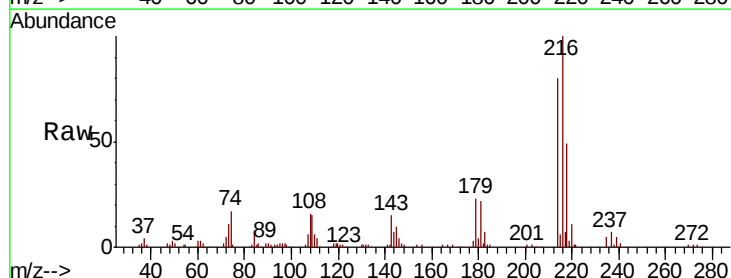
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 23.4 18.5 27.7

108 24.3 17.3 25.9



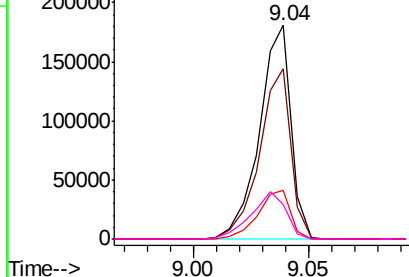
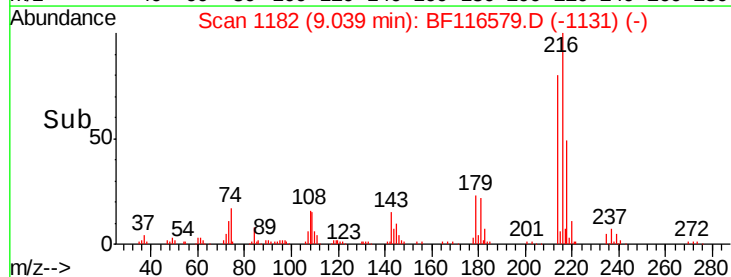
Abundance

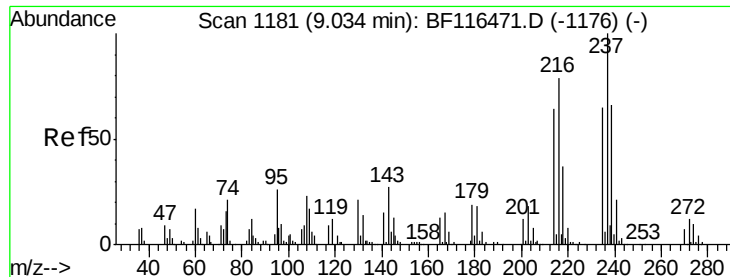
Ion 216.00 (215.70 to 216.70): E

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: 104.043 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

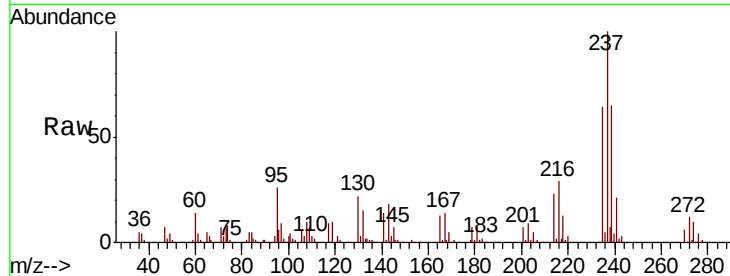
Tot Ion:237 Resp: 219730

Ion Ratio Lower Upper

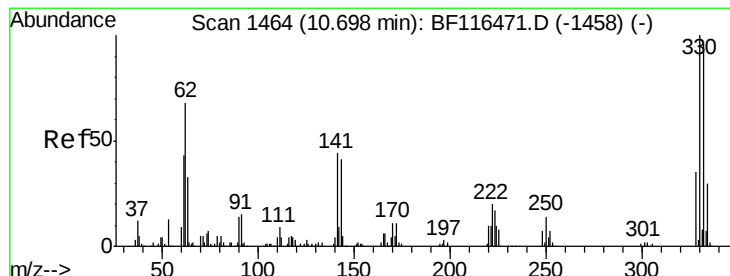
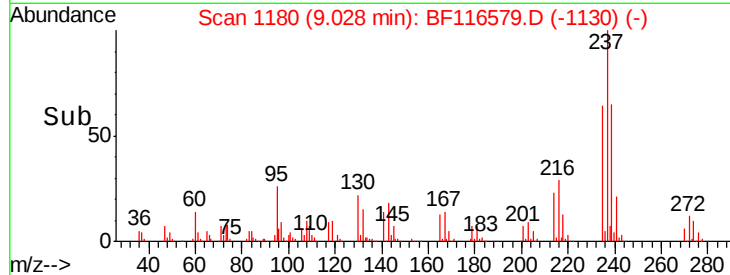
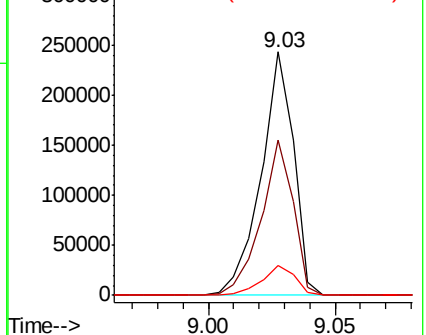
237 100

235 63.7 44.8 84.8

272 12.4 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: 126.625 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

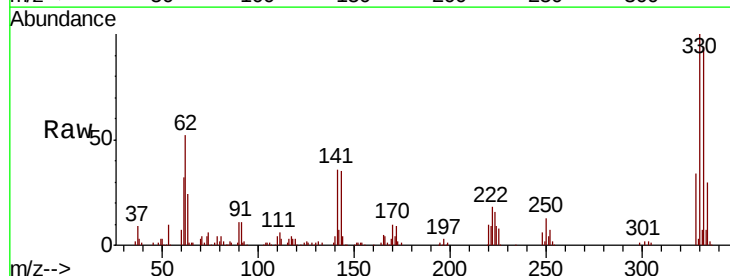
Tgt Ion:330 Resp: 158633

Ion Ratio Lower Upper

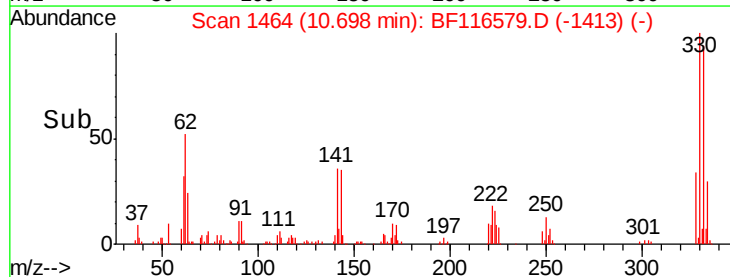
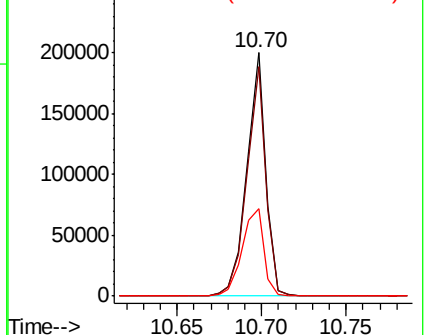
330 100

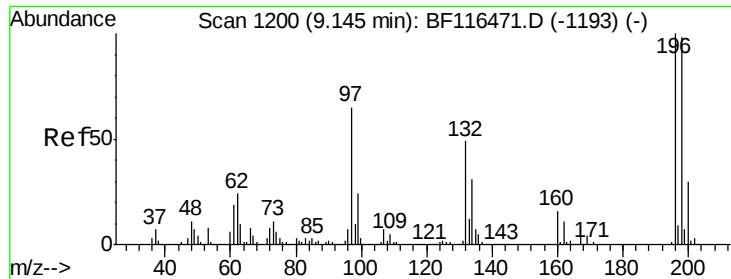
332 94.5 77.2 115.8

141 40.6 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

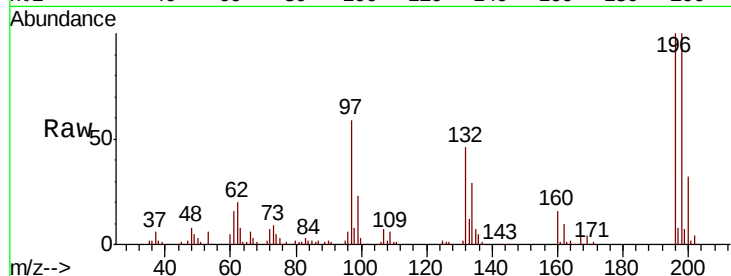




#43
 2,4,6-Trichlorophenol
 Concen: 43.391 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	119204
Ion	Ratio	Lower	Upper
196	100		
198	99.8	78.0	117.0
200	32.0	24.2	36.2

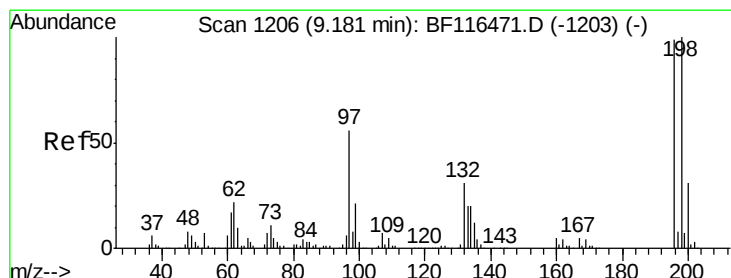
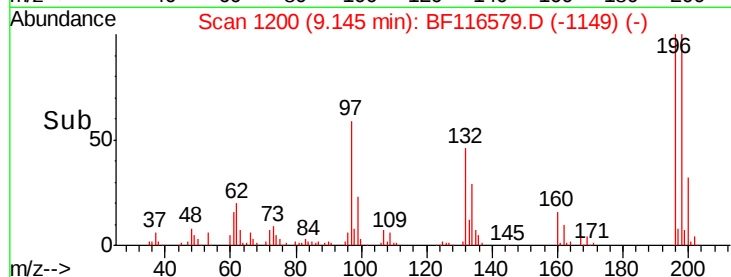
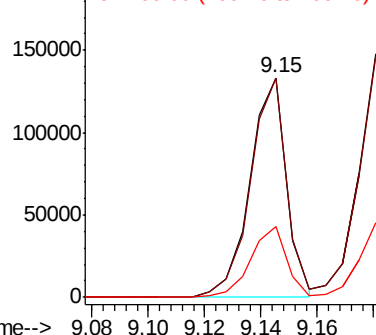


Abundance

Ion 196.00 (195.70 to 196.70): E

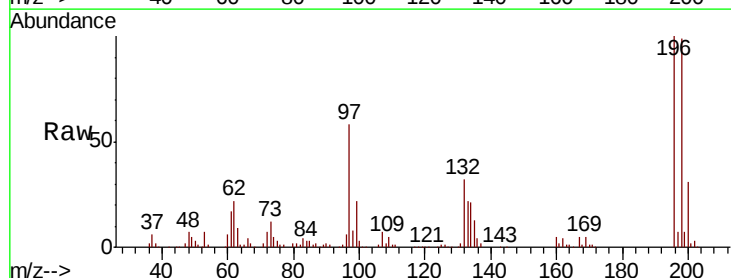
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.109 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	196	Resp	126093
Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.8	121.2
97	57.9	45.7	68.5
132	32.2	25.1	37.7



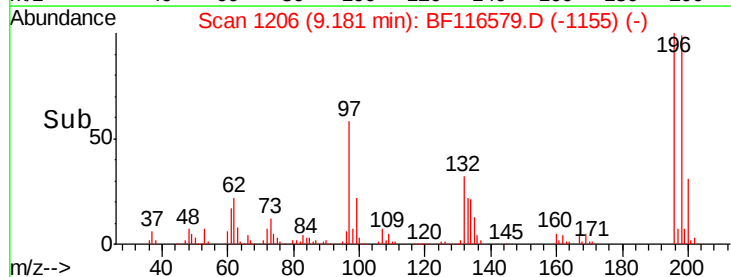
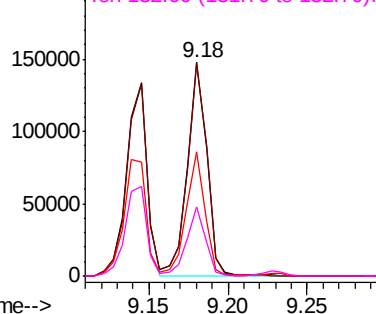
Abundance

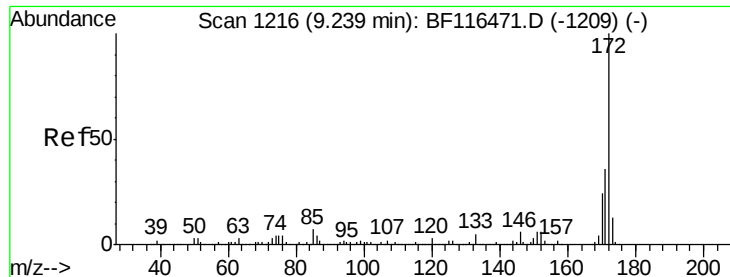
Ion 196.00 (195.70 to 196.70): E

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

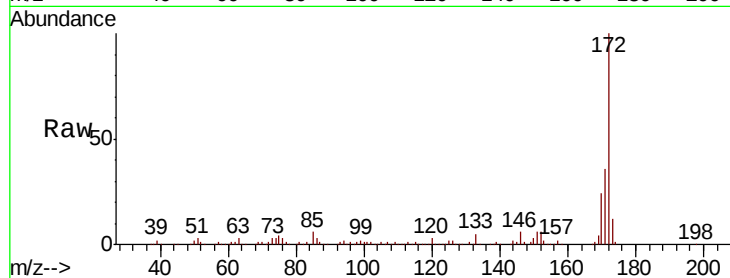




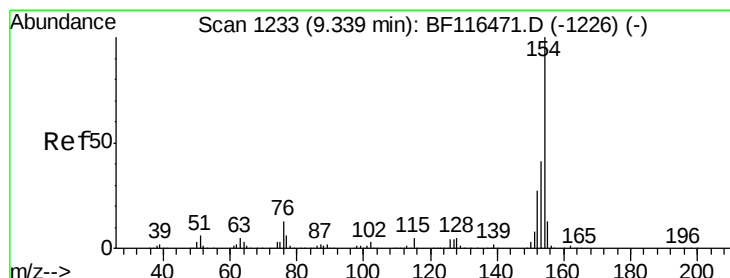
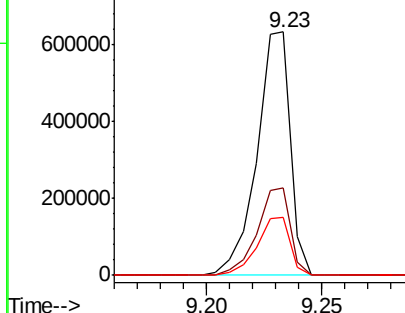
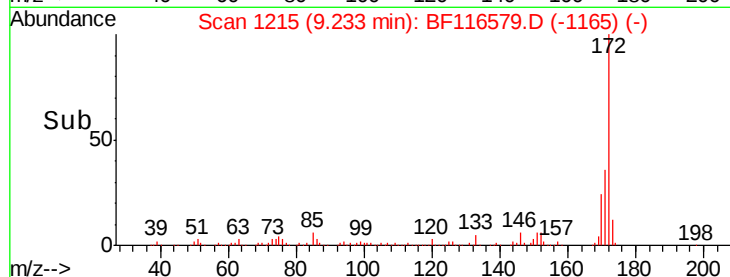
#45
 2-Fluorobiphenyl
 Concen: 70.761 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 641072
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.9 19.4 29.0

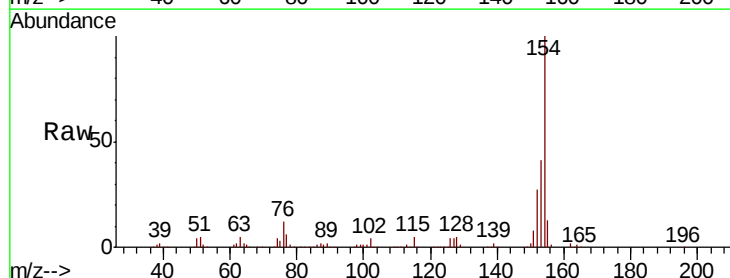


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

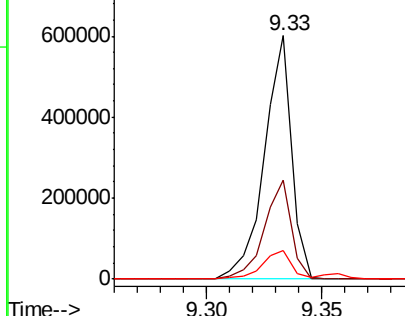
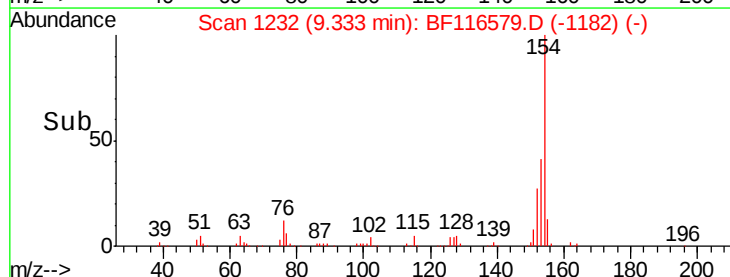


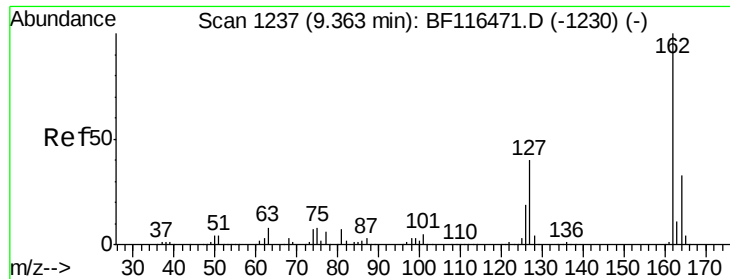
#46
 1,1'-Biphenyl
 Concen: 42.340 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion:154 Resp: 493882
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 11.8 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

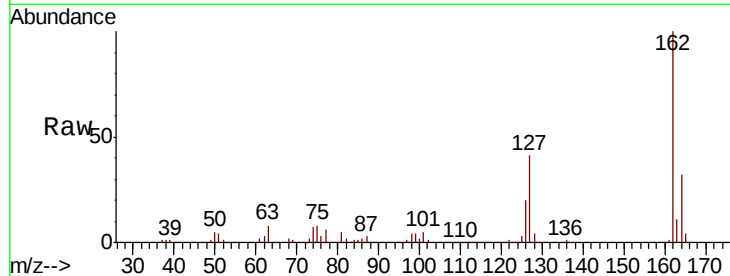




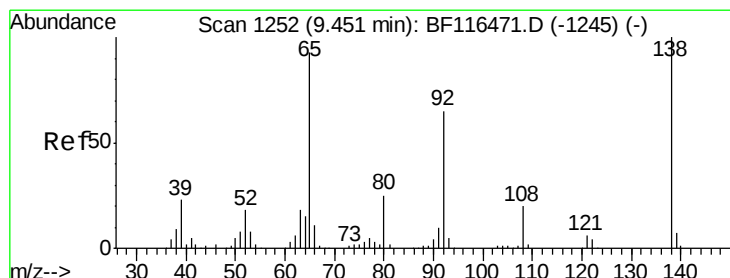
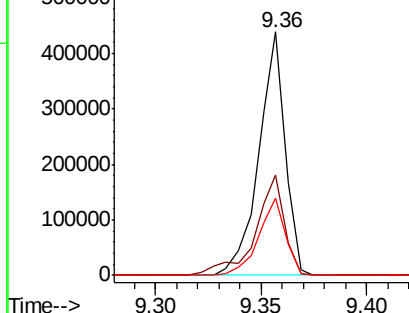
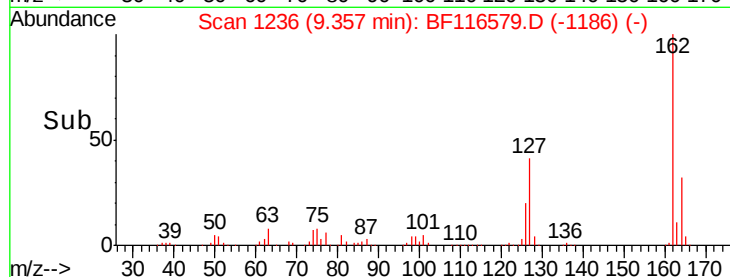
#47
 2-Chloronaphthalene
 Concen: 42.026 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.5	48.7
164	31.9	26.7	40.1

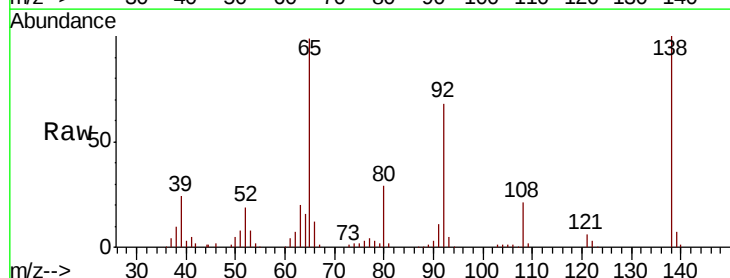


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

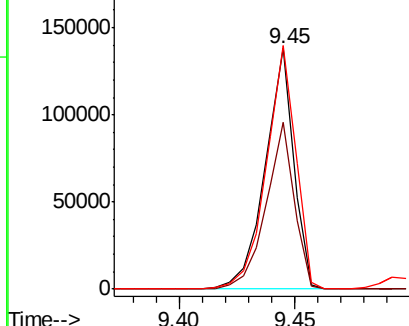
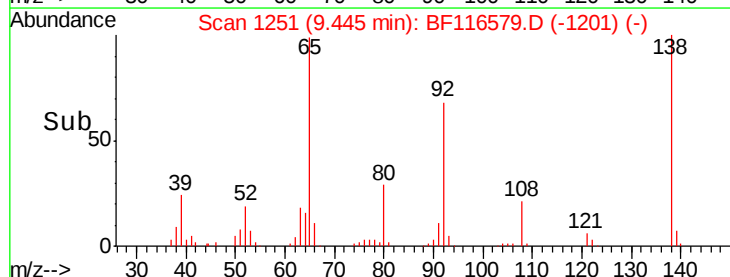


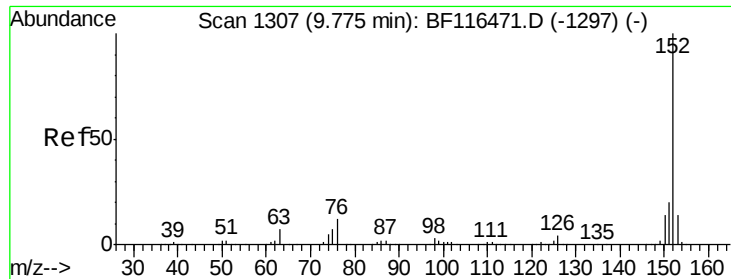
#48
 2-Nitroaniline
 Concen: 43.039 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	56.2	84.2
138	101.2	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: 44.145 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

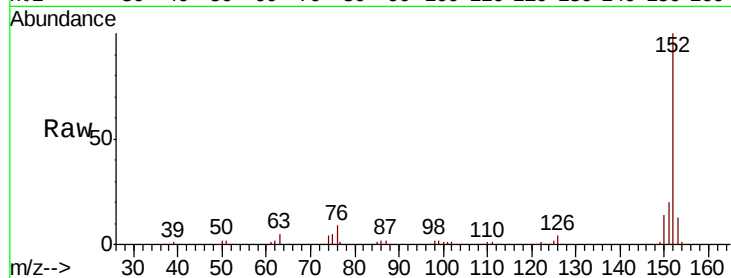
Tot Ion:152 Resp: 584065

Ion Ratio Lower Upper

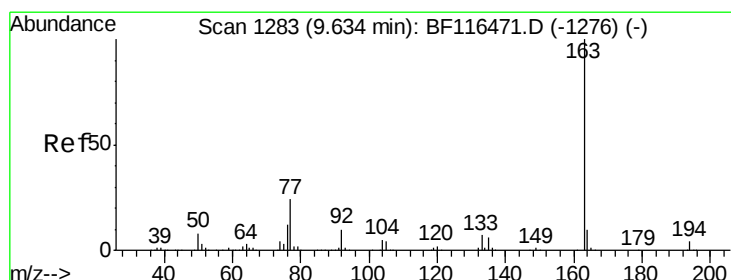
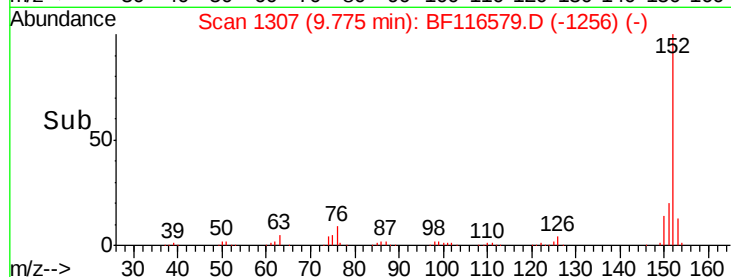
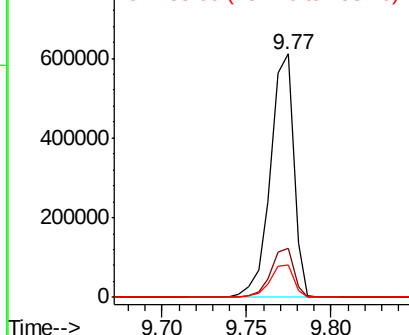
152 100

151 20.4 16.1 24.1

153 13.3 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: 42.987 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

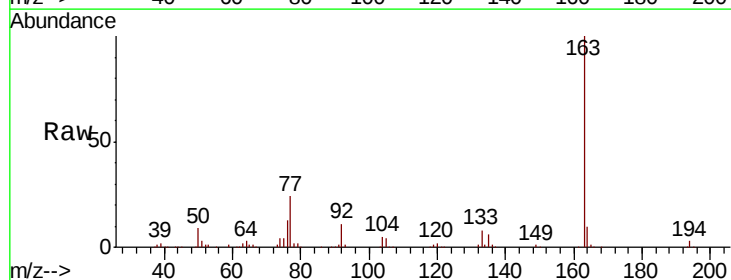
Tgt Ion:163 Resp: 437578

Ion Ratio Lower Upper

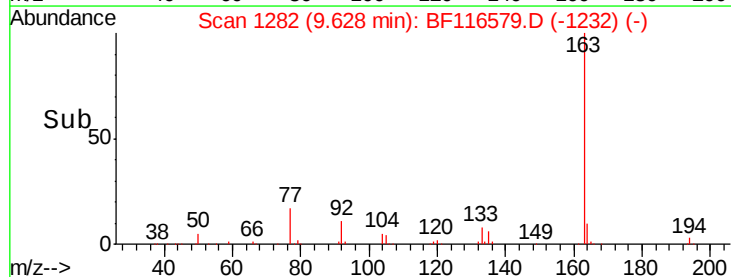
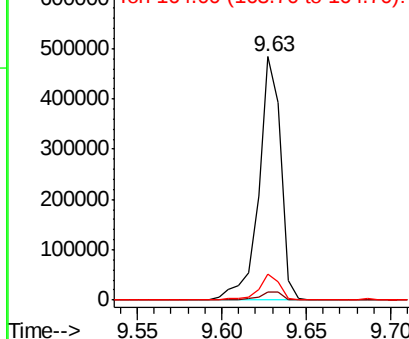
163 100

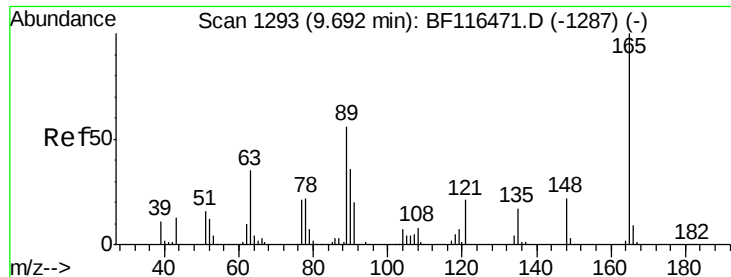
194 3.4 2.9 4.3

164 10.4 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

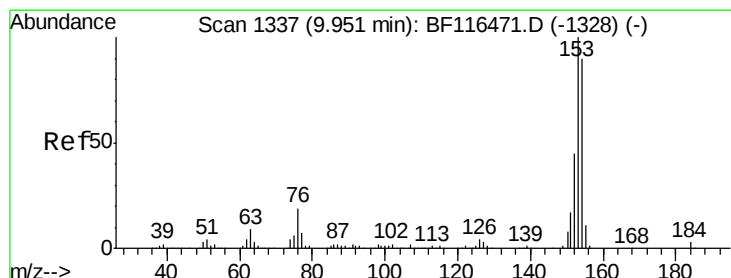
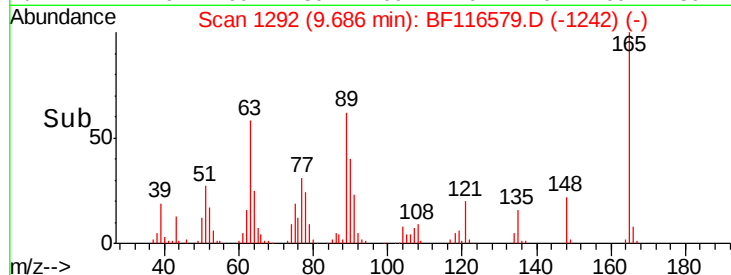
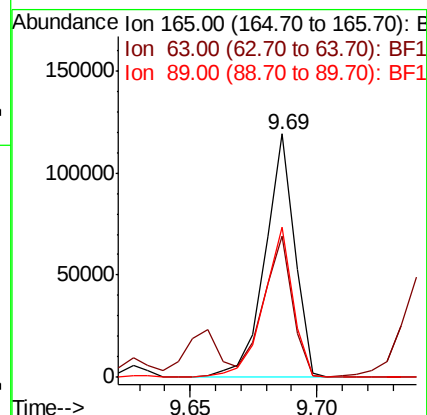
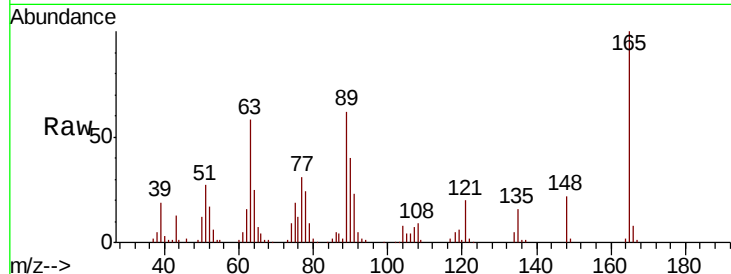




#51
 2,6-Dinitrotoluene
 Concen: 46.451 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

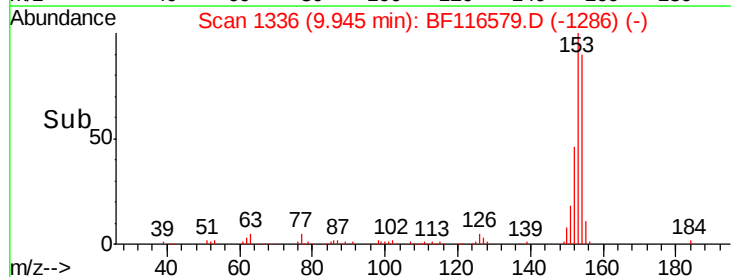
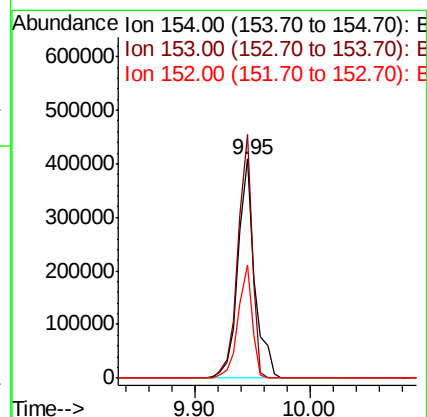
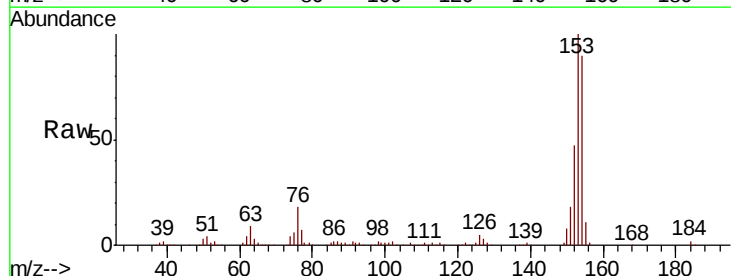
Instrument :
 BNA_F
 ClientSampleId :

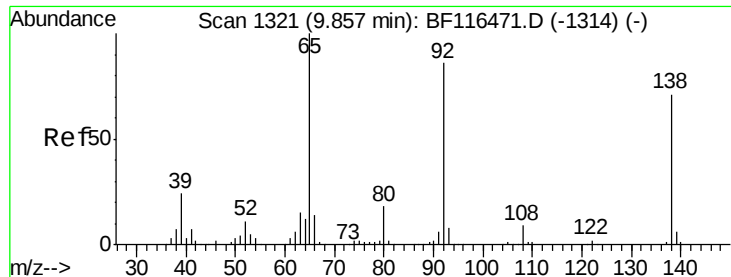
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	43.7	65.5
89	61.8	45.1	67.7



#52
 Acenaphthene
 Concen: 47.933 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.3	133.9
152	51.7	40.2	60.4

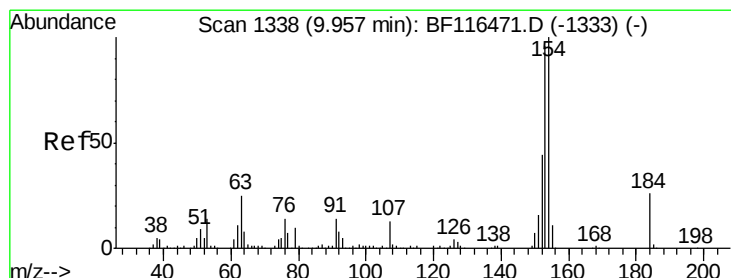
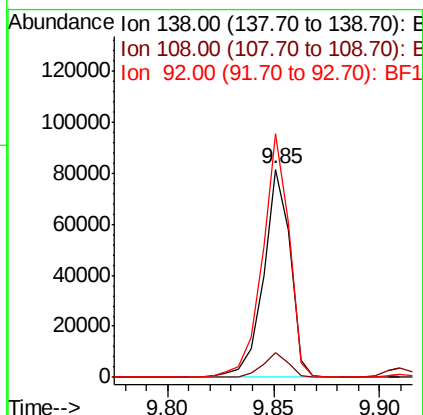
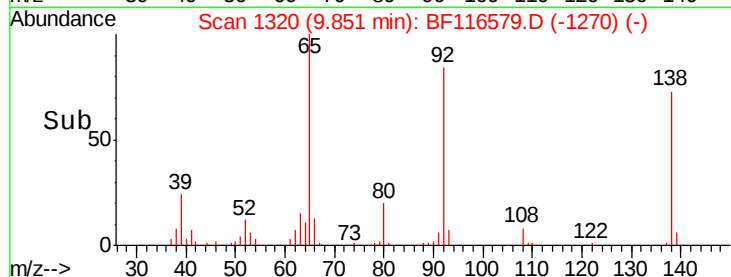
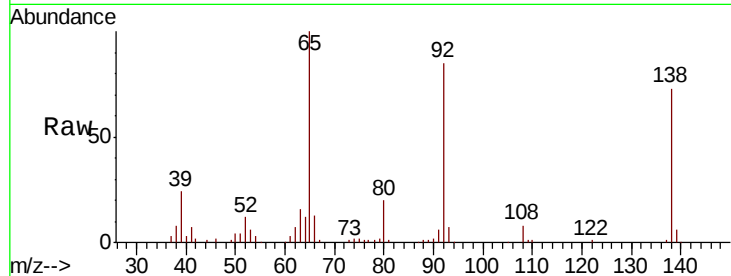




#53
 3-Nitroaniline
 Concen: 28.806 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

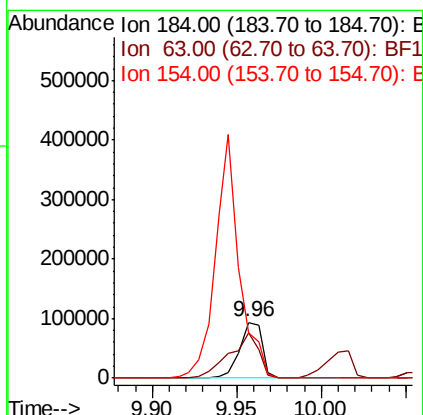
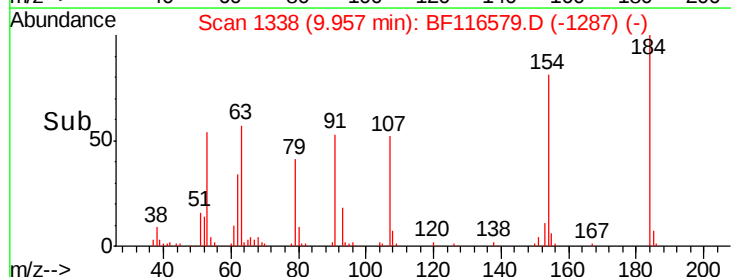
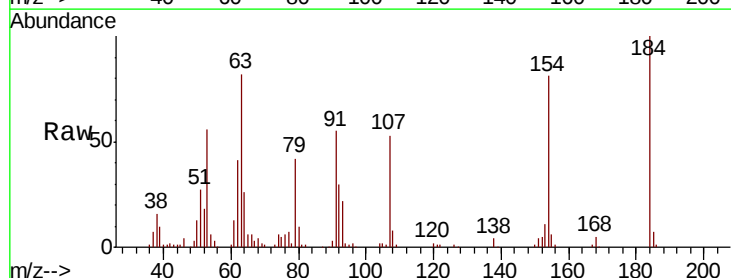
Instrument :
 BNA_F
 ClientSampleId :

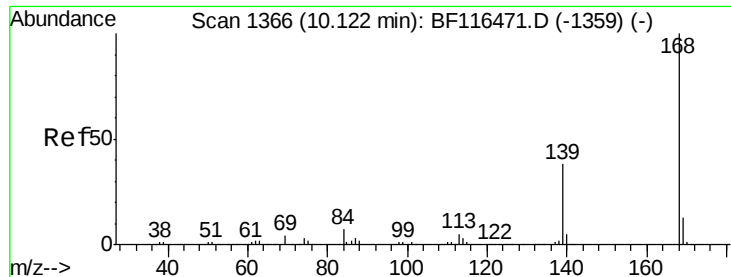
Tot Ion:138 Resp: 71542
 Ion Ratio Lower Upper
 138 100
 108 11.7 10.0 15.0
 92 117.2 97.7 146.5



#54
 2,4-Dinitrophenol
 Concen: 105.016 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion:184 Resp: 88075
 Ion Ratio Lower Upper
 184 100
 63 81.6 78.2 117.4
 154 81.2 320.4 480.6#

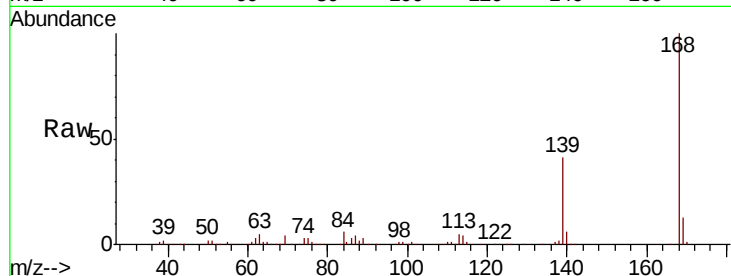




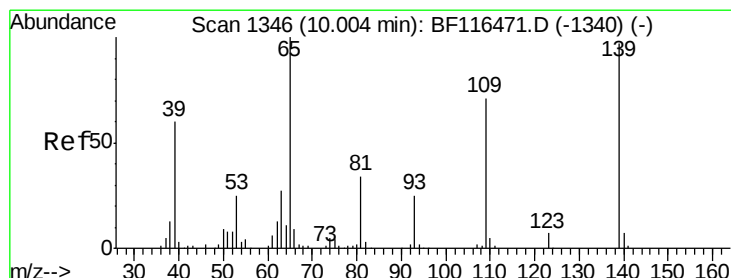
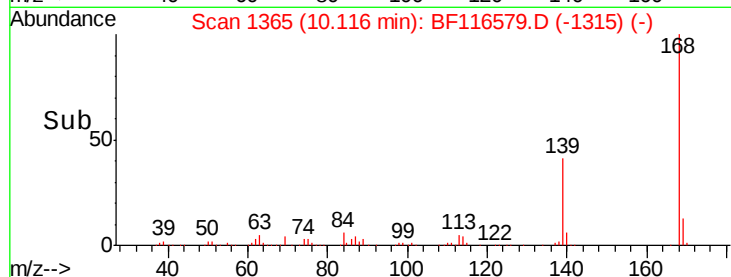
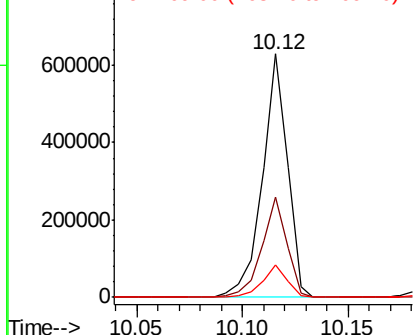
#55
Dibenzofuran
Concen: 43.809 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 518451
Ion Ratio Lower Upper
168 100
139 41.3 30.7 46.1
169 13.1 10.7 16.1

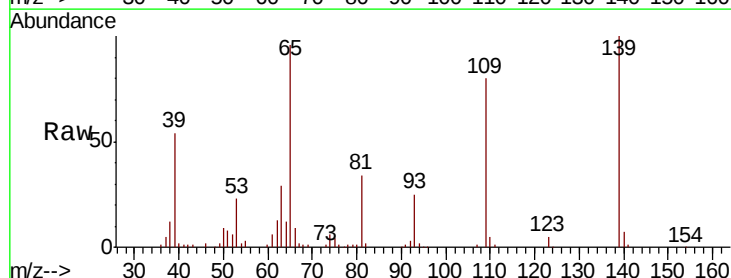


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

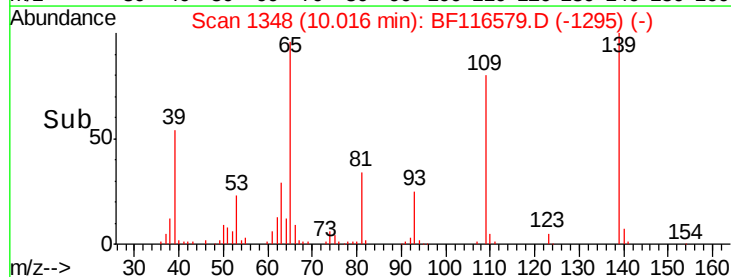
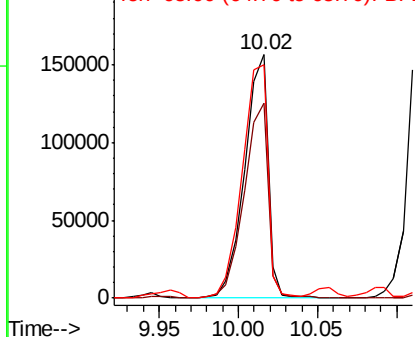


#56
4-Nitrophenol
Concen: 83.709 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:139 Resp: 161590
Ion Ratio Lower Upper
139 100
109 80.0 53.4 93.4
65 95.8 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

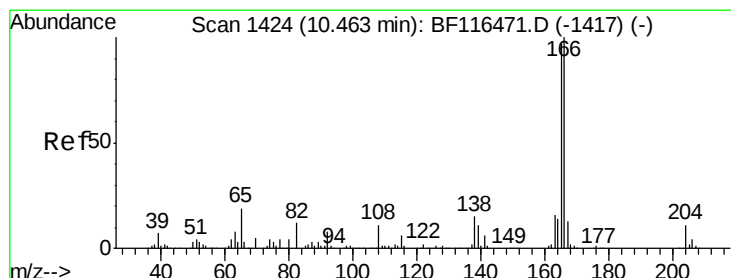
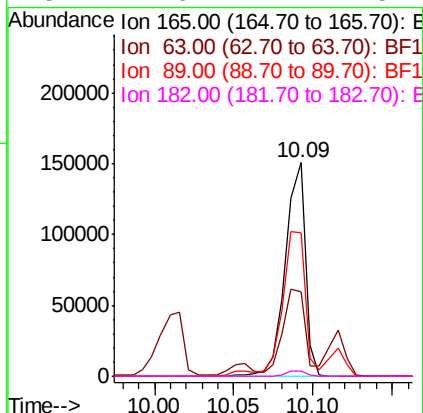
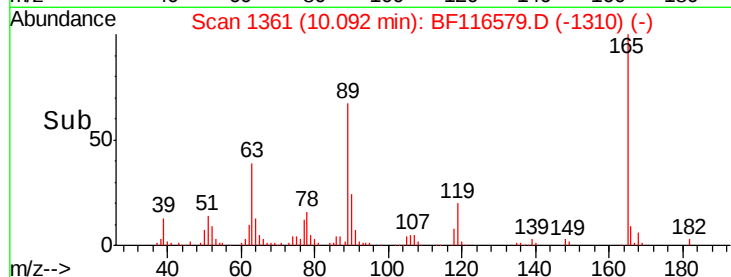
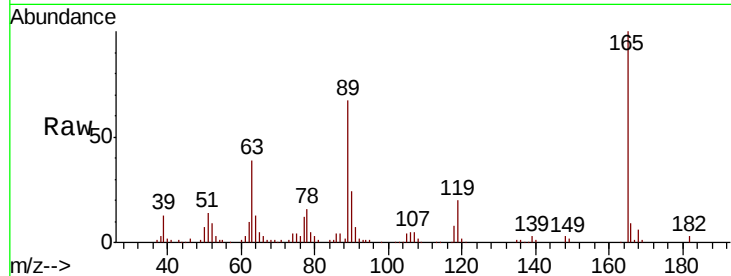




#57
2,4-Dinitrotoluene
Concen: 49.762 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

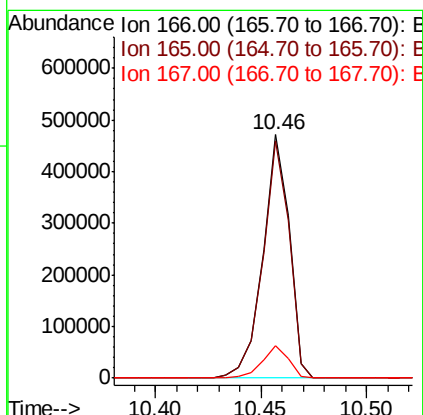
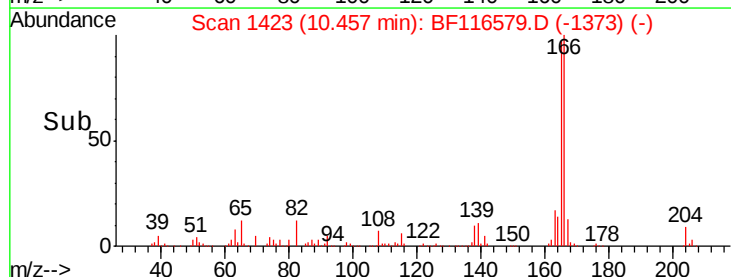
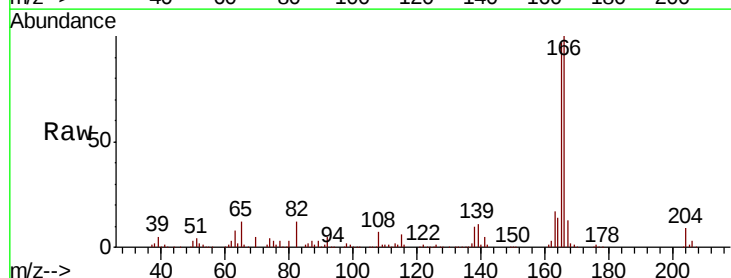
Instrument :
BNA_F
ClientSampleId :

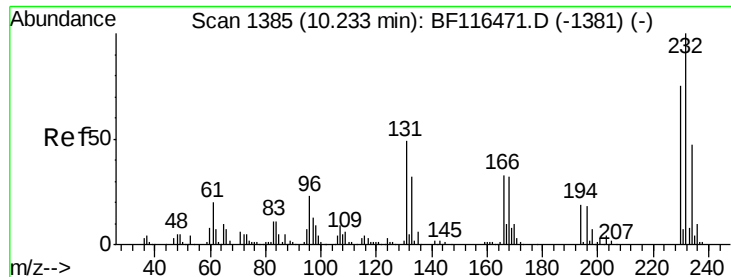
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	36.9	55.3
89	67.3	63.4	95.0
182	2.6	2.1	3.1



#58
Fluorene
Concen: 44.834 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.4	116.0
167	13.4	10.8	16.2

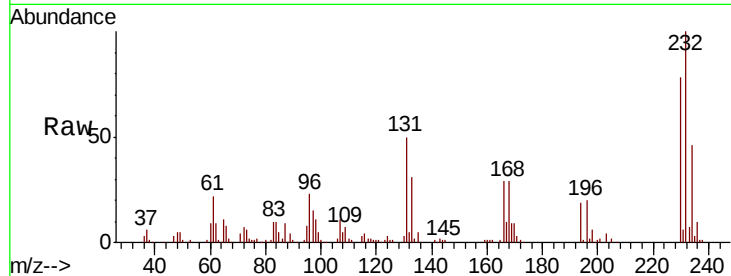




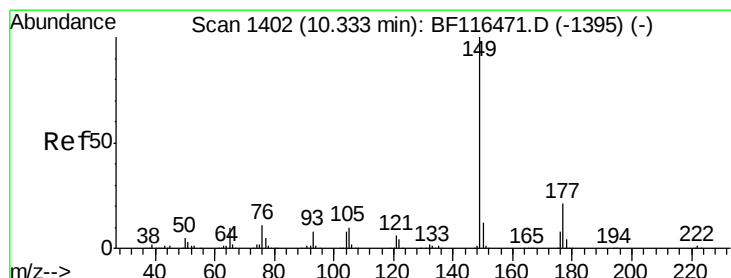
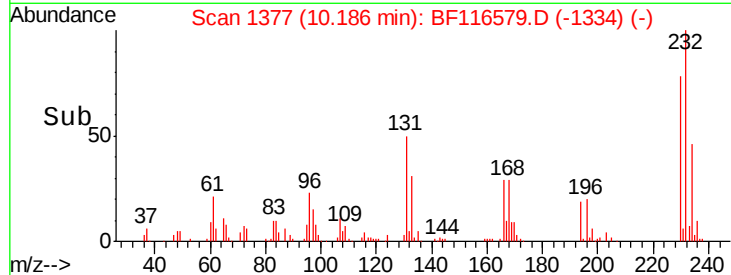
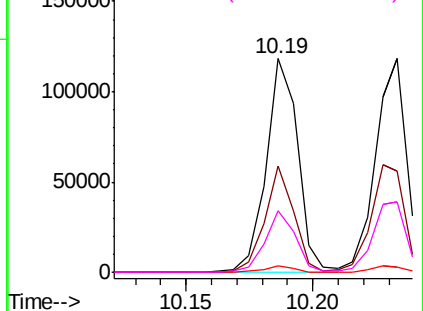
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.833 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.05 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	40.8	61.2
130	2.7	1.8	2.8
166	27.6	26.8	40.2

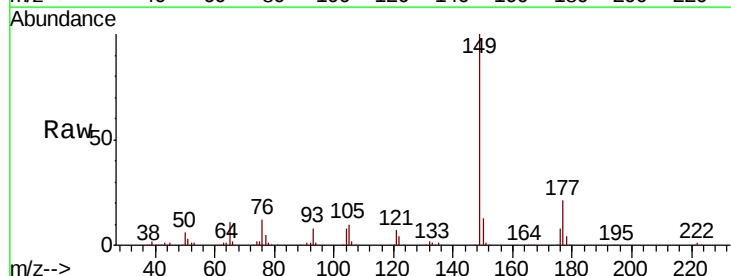


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

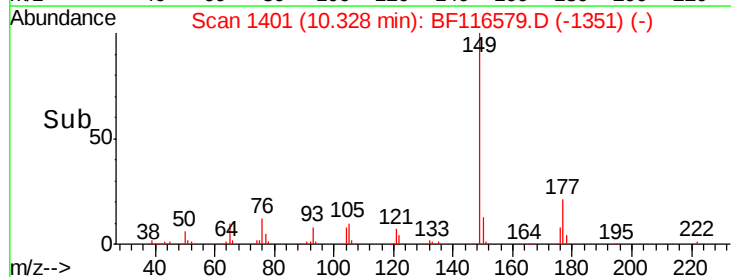
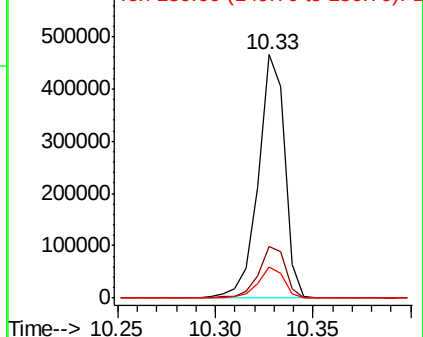


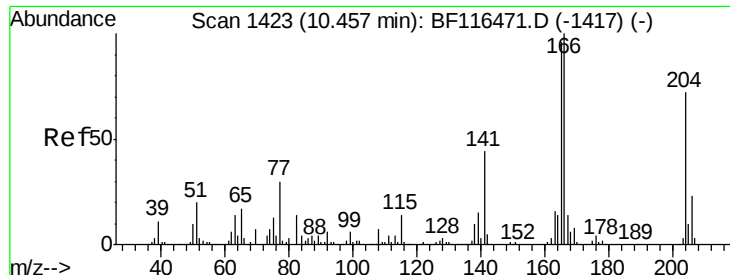
#60
Diethylphthalate
Concen: 43.613 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.1	25.7
150	12.6	9.8	14.6



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

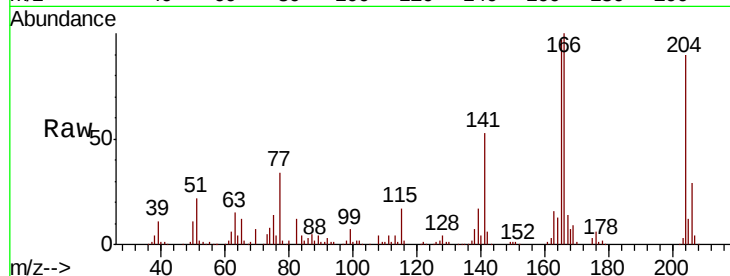




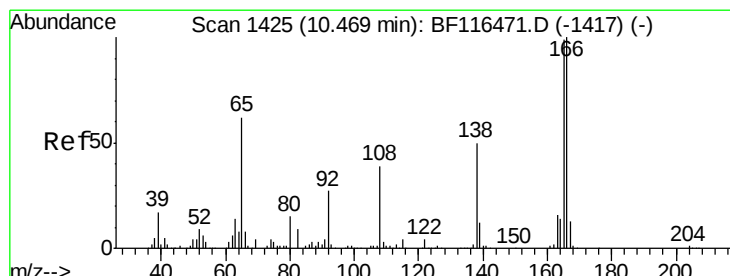
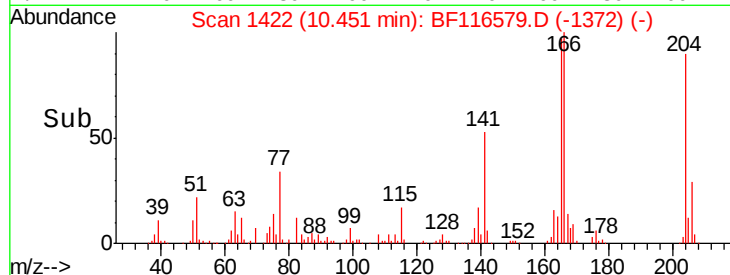
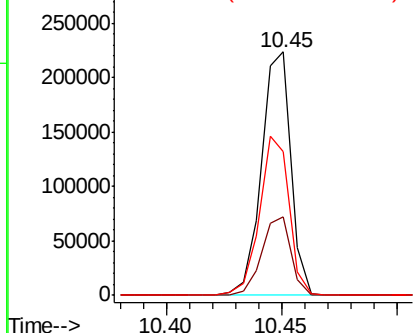
#61
 4-Chlorophenyl-phenylether
 Concen: 44.360 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.9	38.9
141	59.2	48.6	73.0



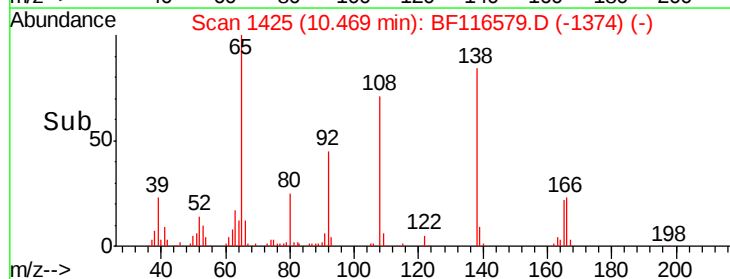
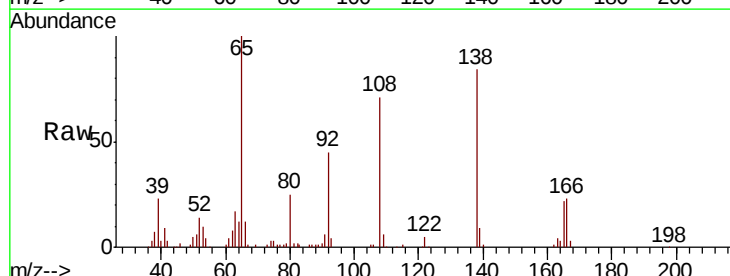
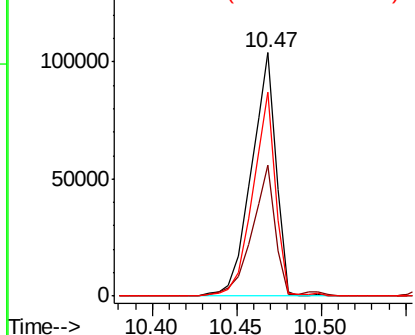
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.571 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	34.9	74.9
108	83.8	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

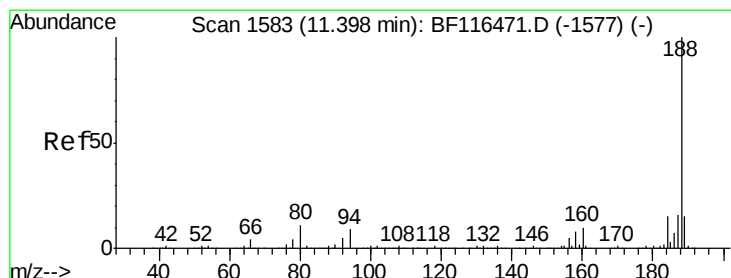
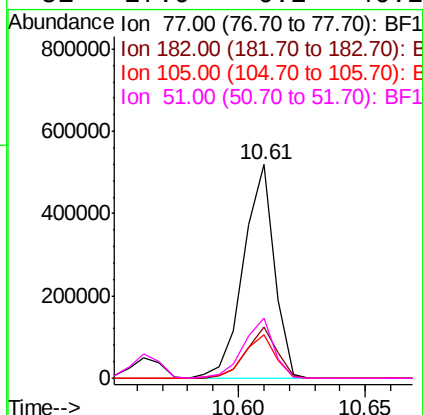
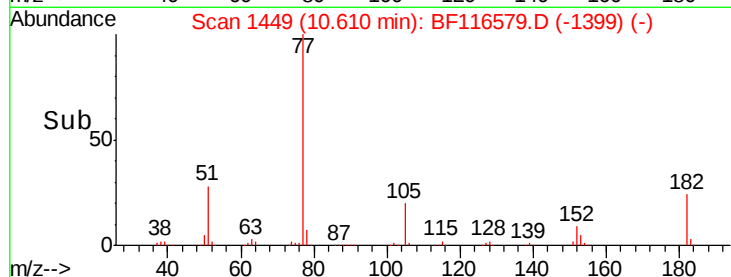
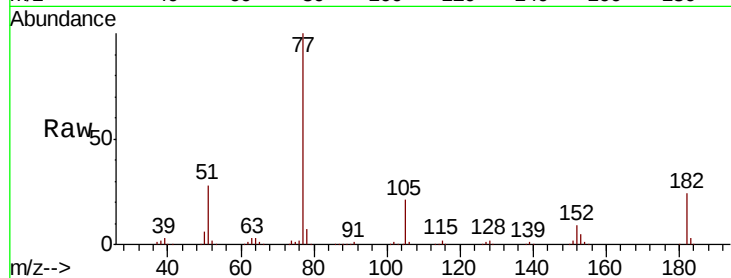




#63
Azobenzene
Concen: 42.733 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

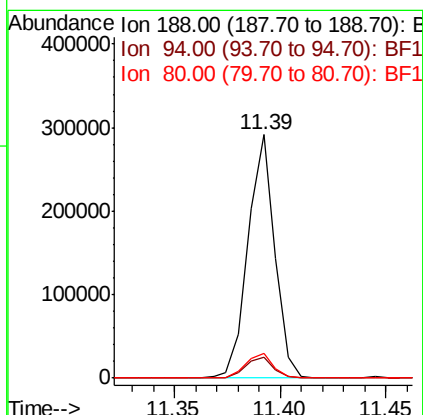
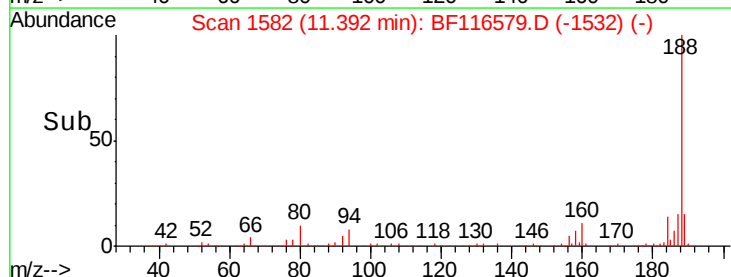
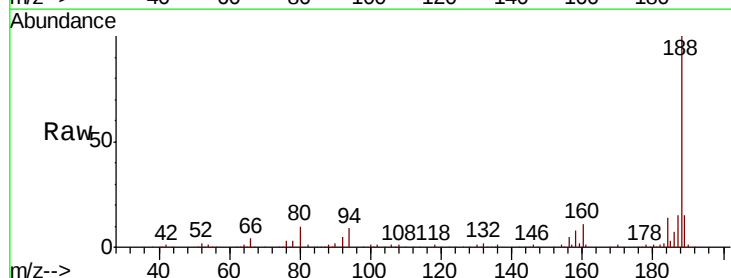
Instrument :
BNA_F
ClientSampleId :

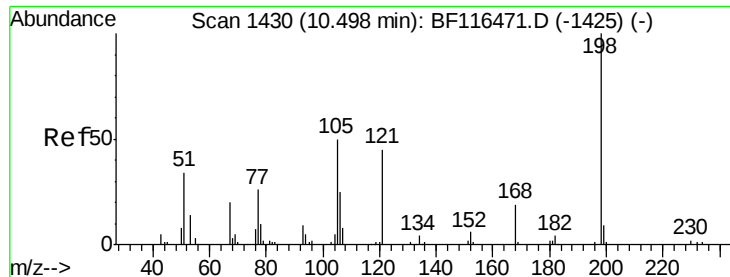
Tot Ion:	77	Resp:	439595
Ion	Ratio	Lower	Upper
77	100		
182	24.0	5.4	45.4
105	20.6	1.6	41.6
51	27.9	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:	188	Resp:	256773
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	10.1	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 57.952 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

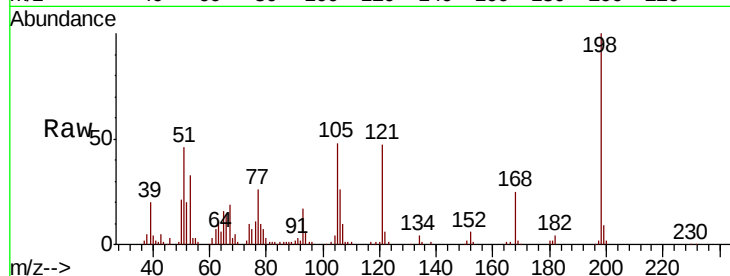
Tot Ion:198 Resp: 62807

Ion Ratio Lower Upper

198 100

51 46.1 30.4 70.4

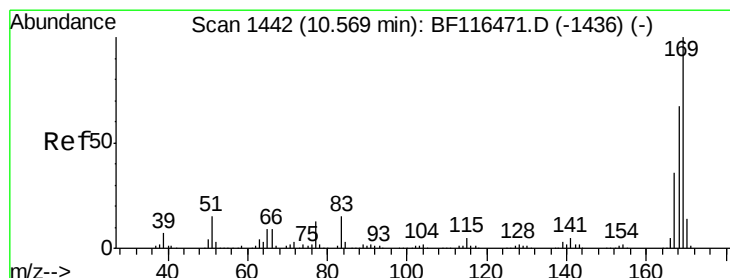
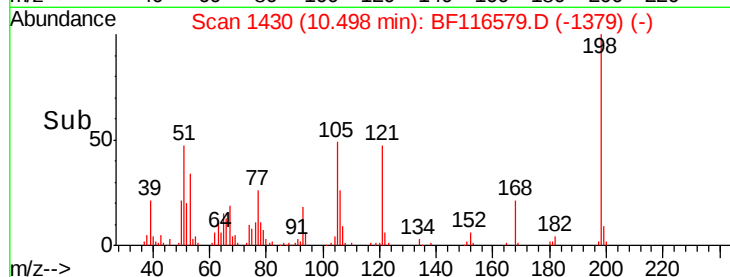
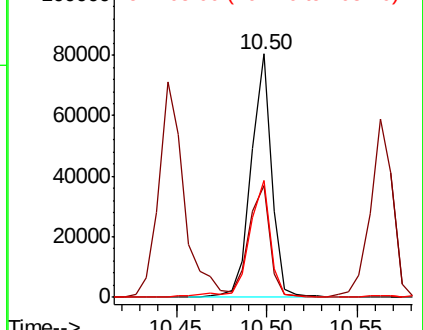
105 48.0 32.8 72.8



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: 43.074 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

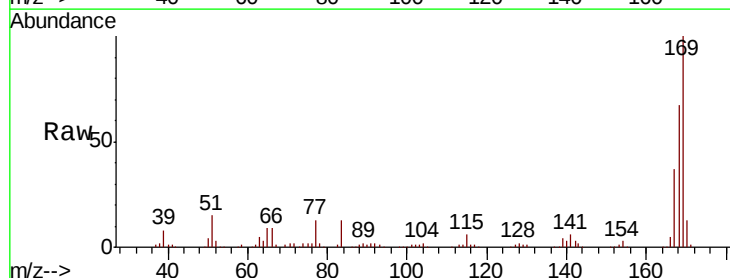
Tgt Ion:169 Resp: 358127

Ion Ratio Lower Upper

169 100

168 66.9 53.6 80.4

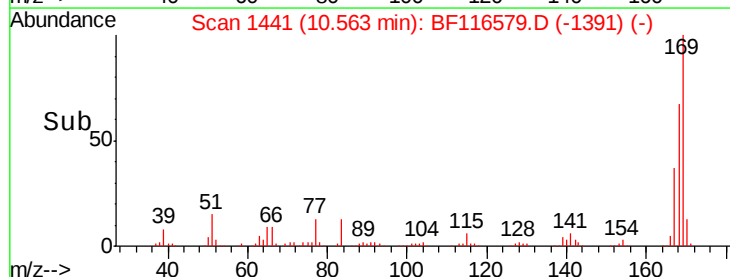
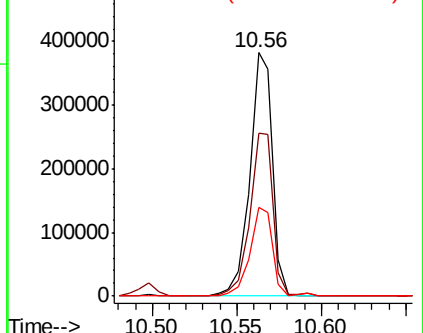
167 36.6 28.7 43.1

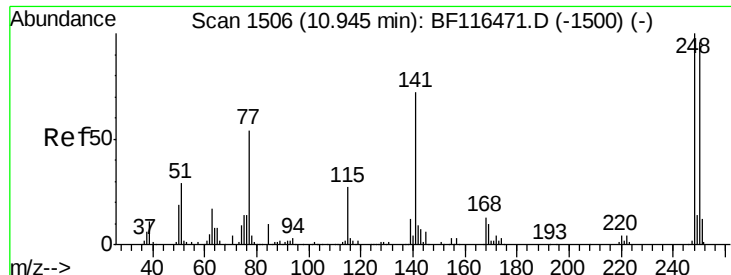


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

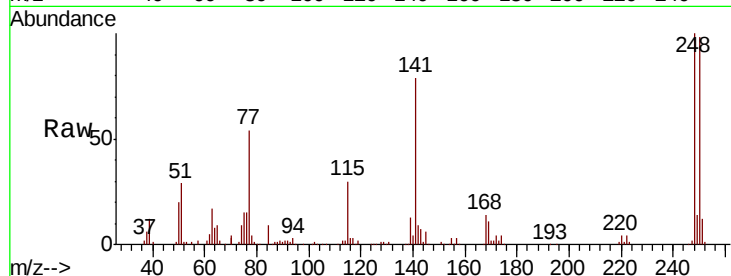




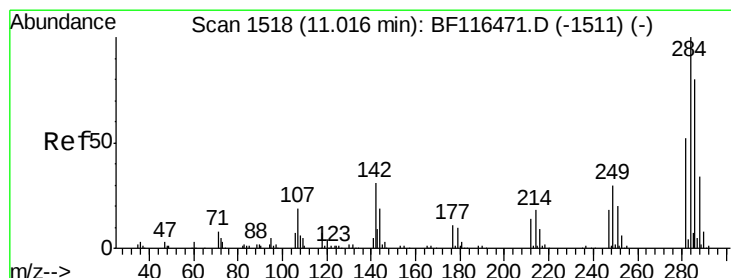
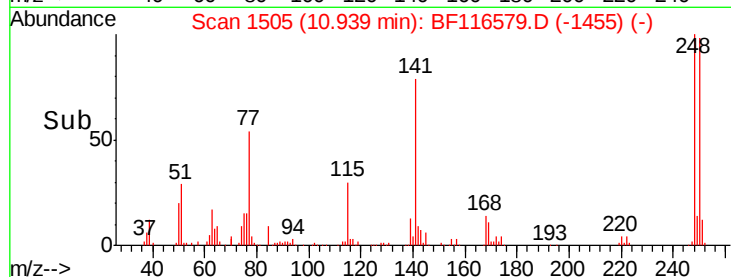
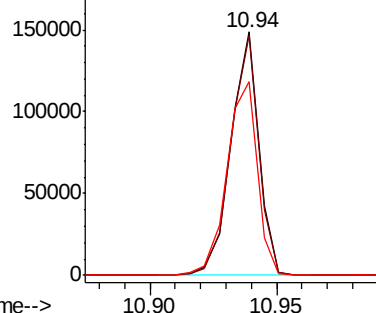
#67
4-Bromophenyl-phenylether
Concen: 42.814 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 115254
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.6
141 79.5 57.4 86.0

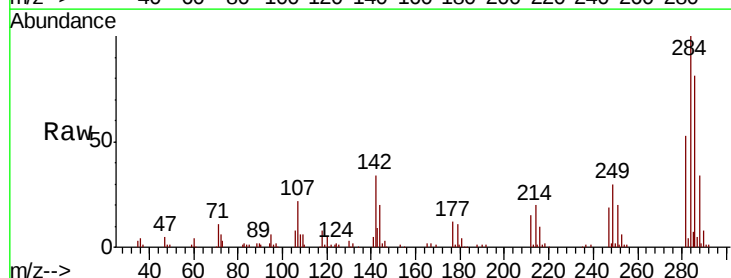


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

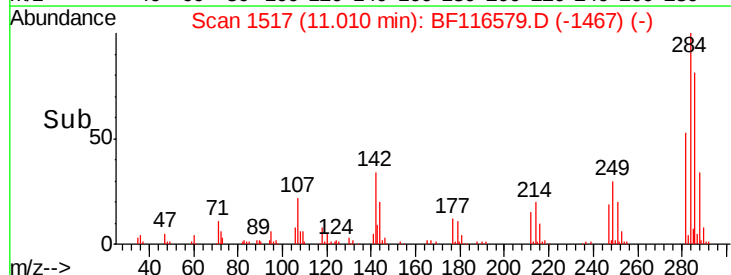
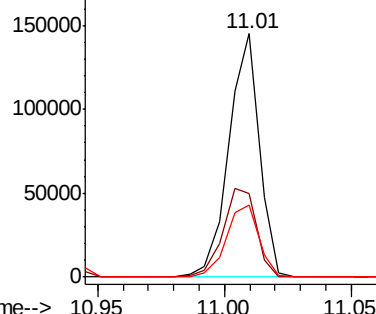


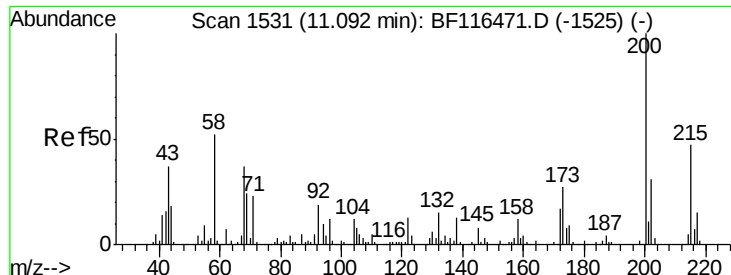
#68
Hexachlorobenzene
Concen: 41.278 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:284 Resp: 122902
Ion Ratio Lower Upper
284 100
142 34.1 24.6 36.8
249 29.5 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.506 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampled :

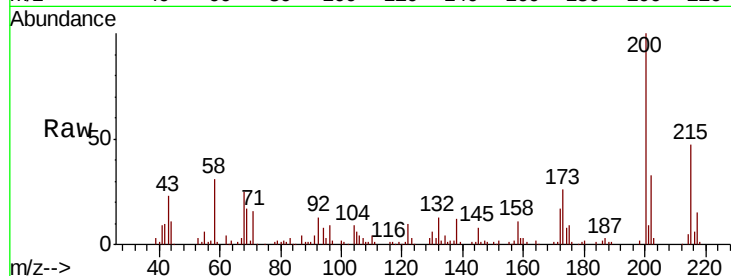
Tot Ion:200 Resp: 105887

Ion Ratio Lower Upper

200 100

173 25.6 7.3 47.3

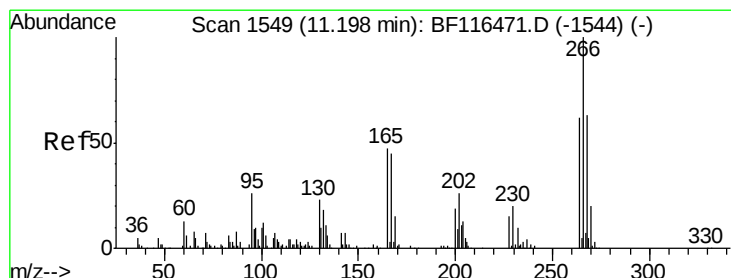
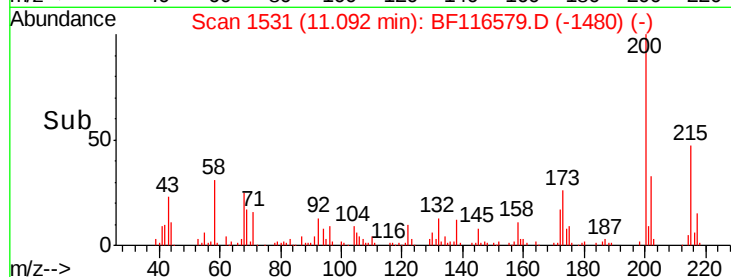
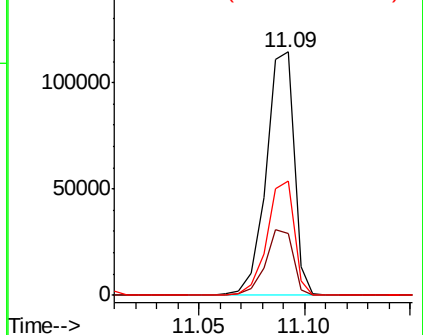
215 47.0 26.7 66.7



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: 88.969 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

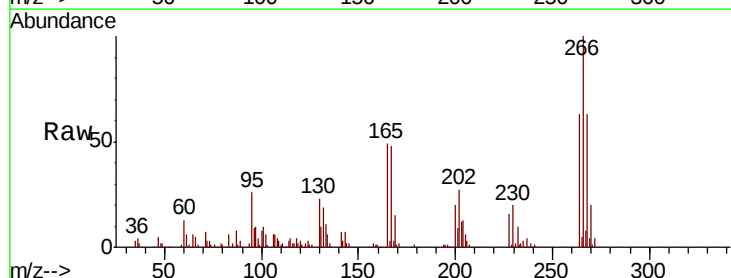
Tgt Ion:266 Resp: 154552

Ion Ratio Lower Upper

266 100

268 63.4 50.7 76.1

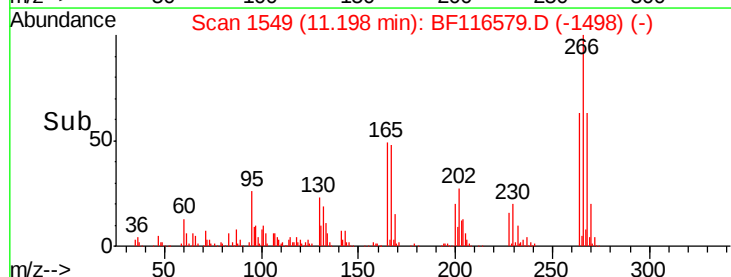
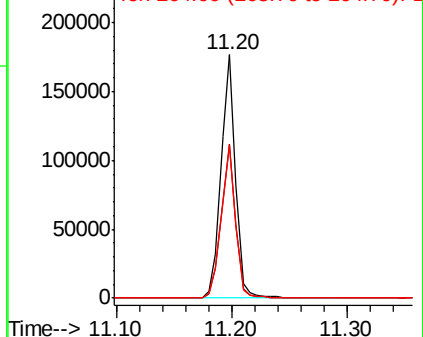
264 62.6 50.0 75.0

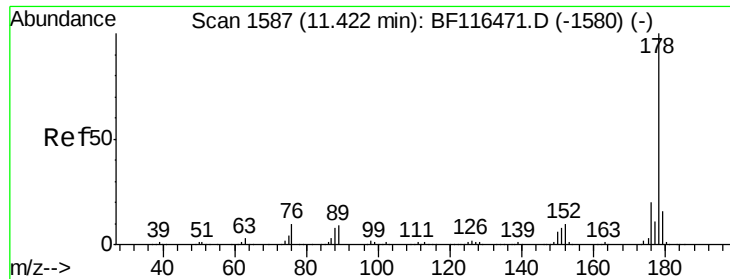


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

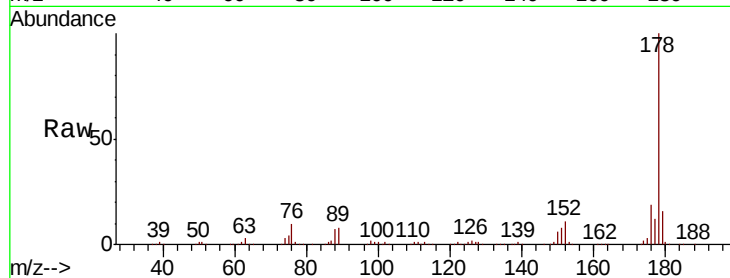




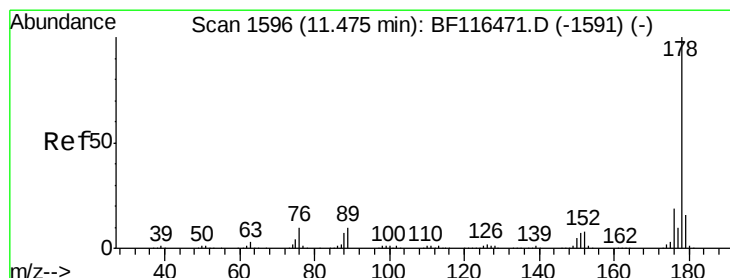
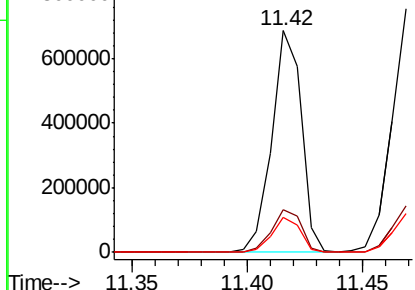
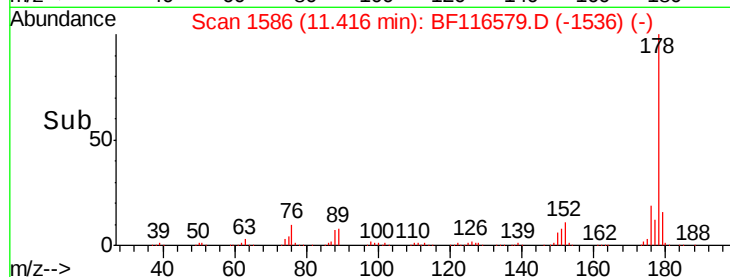
#71
 Phenanthrene
 Concen: 43.626 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 610238
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.7 12.8 19.2

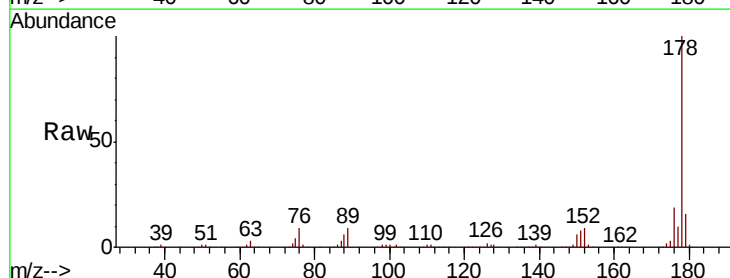


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

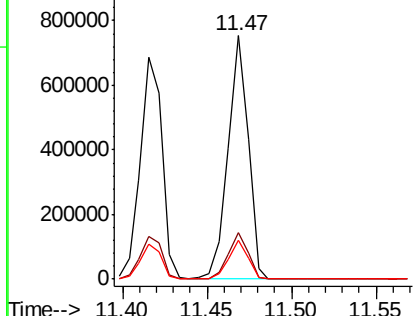
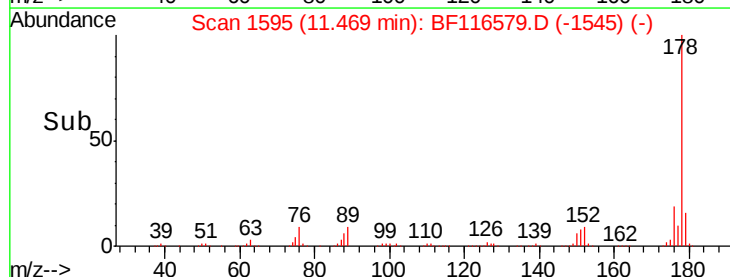


#72
 Anthracene
 Concen: 44.391 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion:178 Resp: 623958
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.8 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: 42.911 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

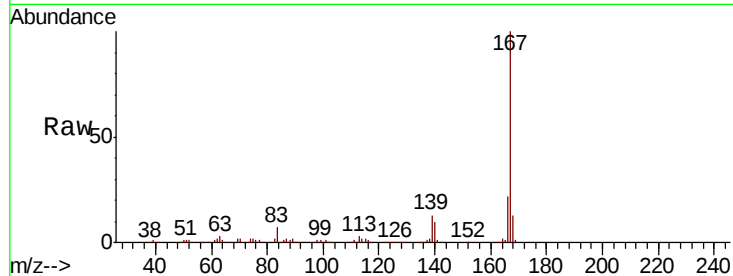
Tot Ion:167 Resp: 541399

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

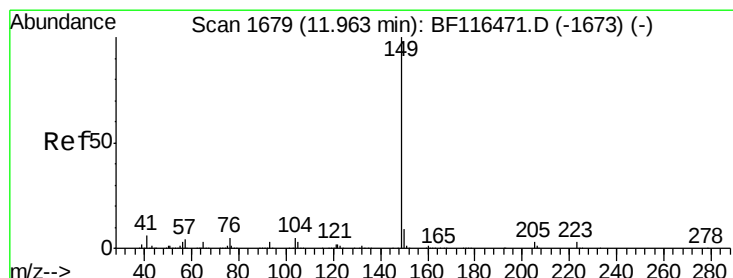
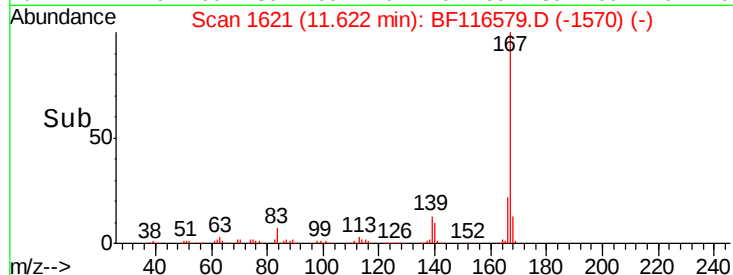
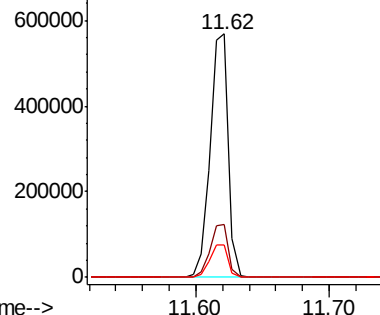
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.542 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

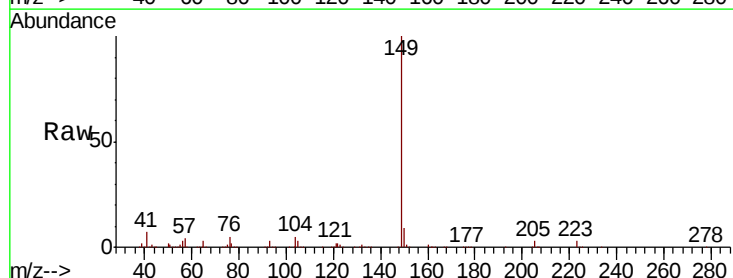
Tgt Ion:149 Resp: 665112

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

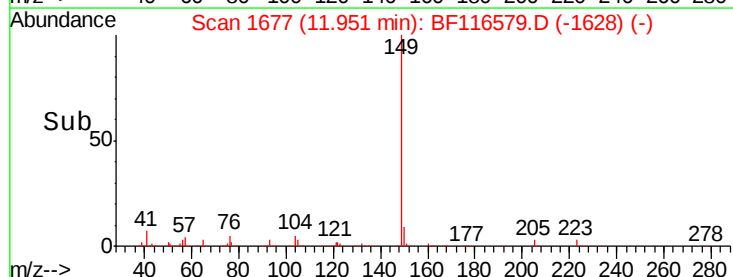
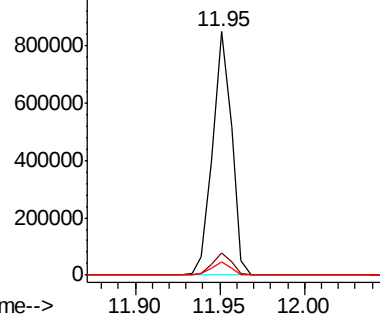
104 5.3 4.1 6.1

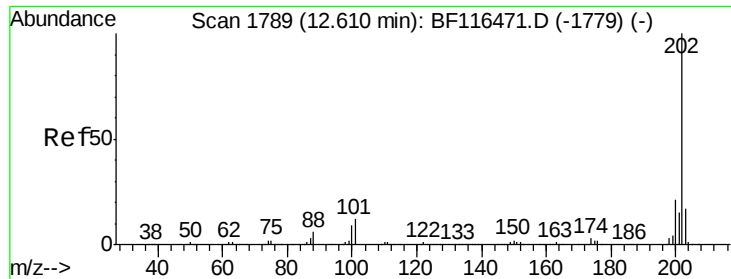


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

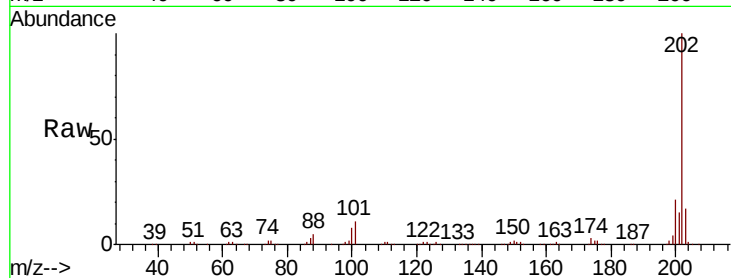




#75
 Fluoranthene
 Concen: 42.427 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.3	0.0	37.5

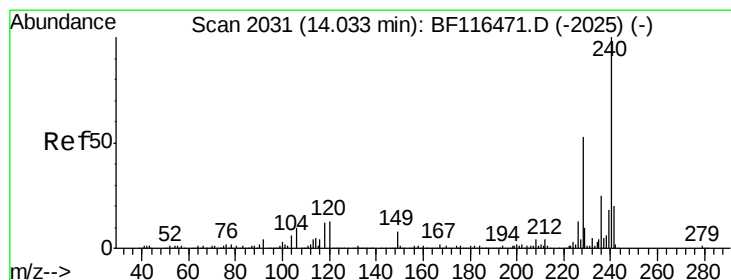
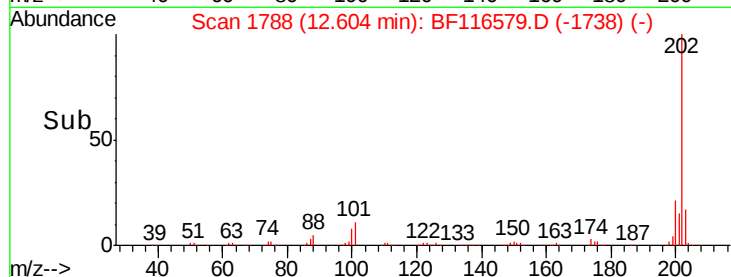
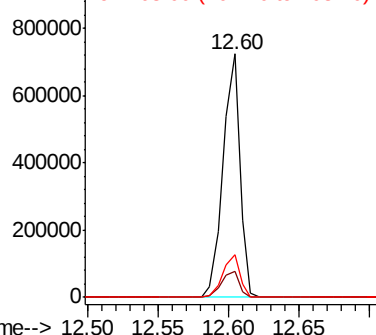


Abundance

Ion 202.00 (201.70 to 202.70): E

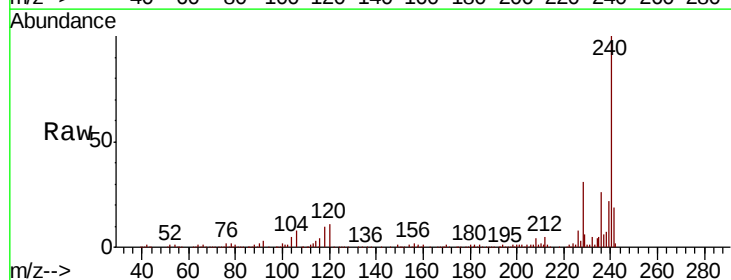
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.5	15.7
236	26.0	20.2	30.2

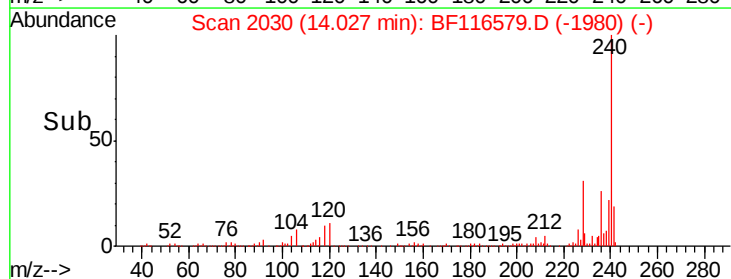
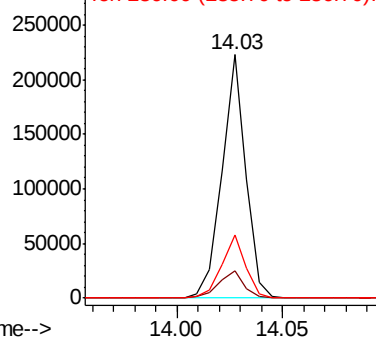


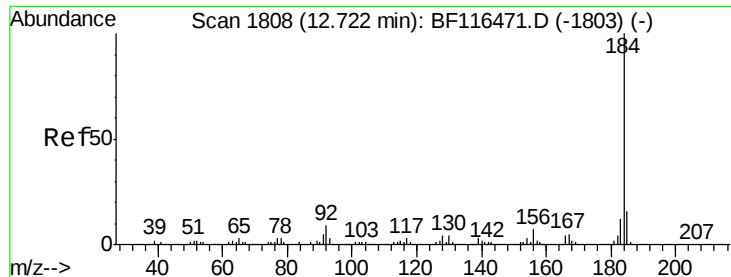
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.011 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

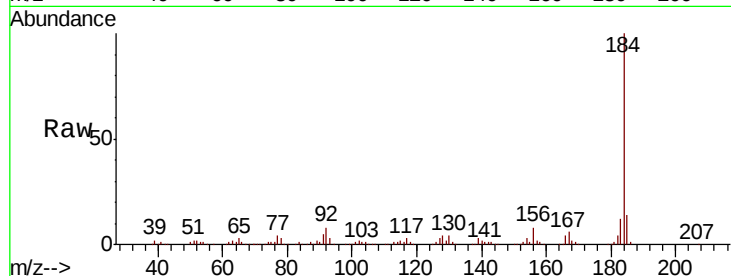
Tot Ion:184 Resp: 295293

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.4

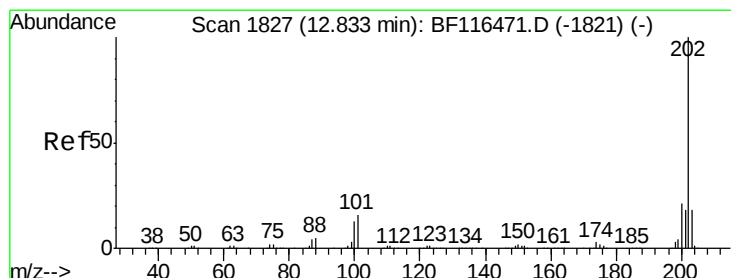
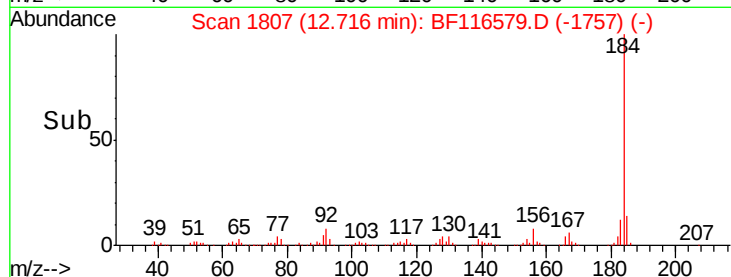
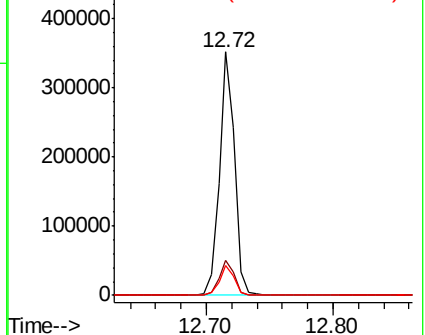
183 12.5 9.8 14.6



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: 44.731 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

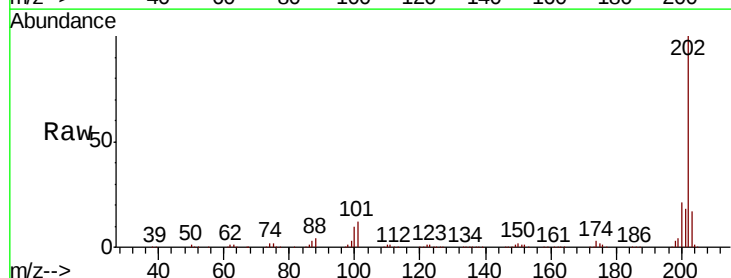
Tgt Ion:202 Resp: 624948

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

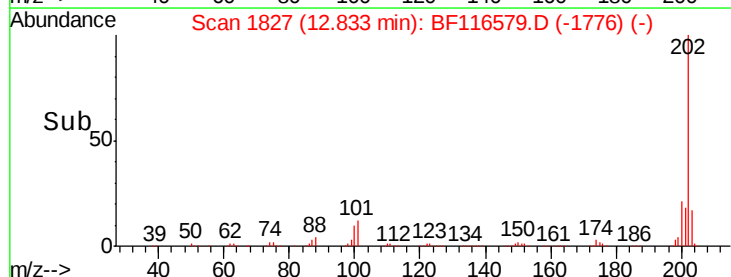
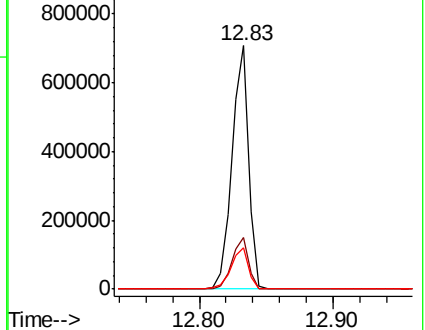
203 17.1 14.2 21.4

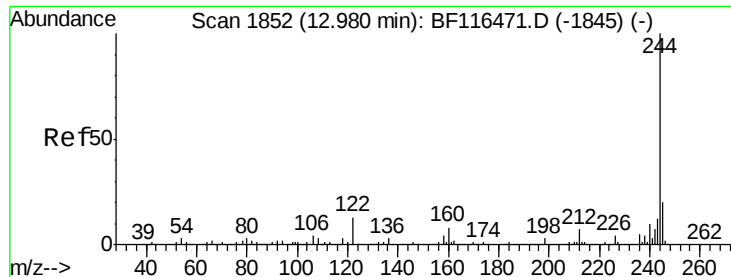


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.490 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

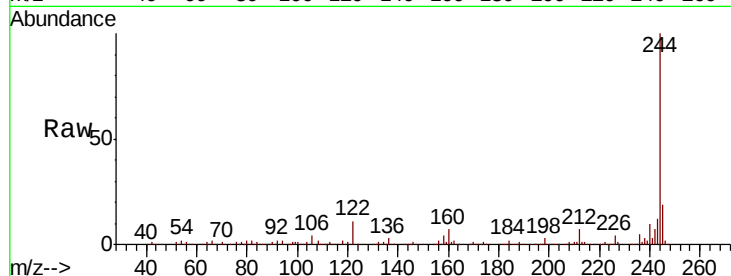
Tot Ion:244 Resp: 677999

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

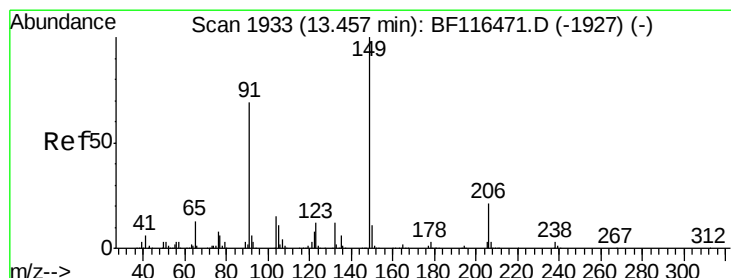
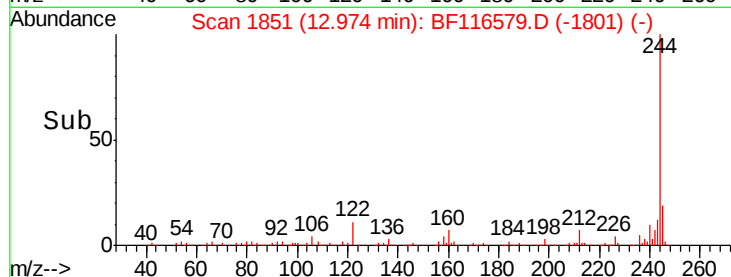
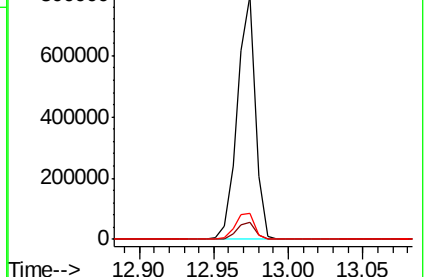
122 10.7 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.730 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF116579.D

Acq: 27 Aug 2019 12:29

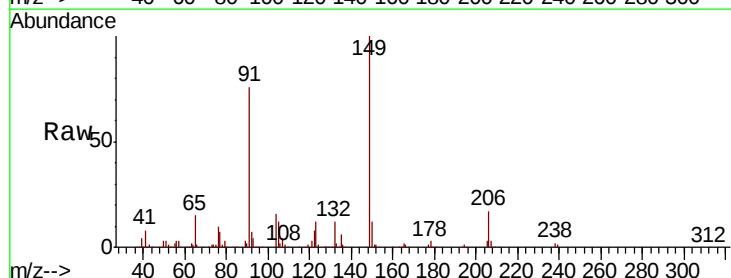
Tgt Ion:149 Resp: 269889

Ion Ratio Lower Upper

149 100

91 75.8 54.9 82.3

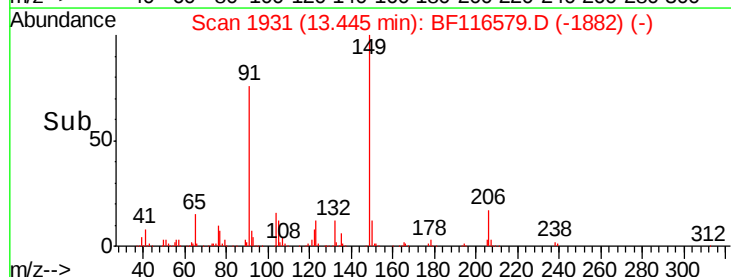
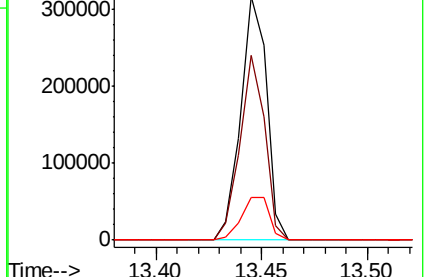
206 17.4 16.6 24.8

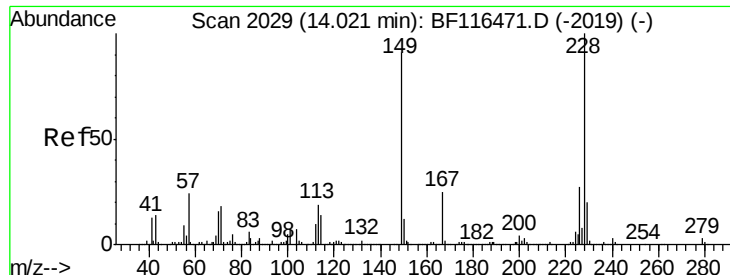


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

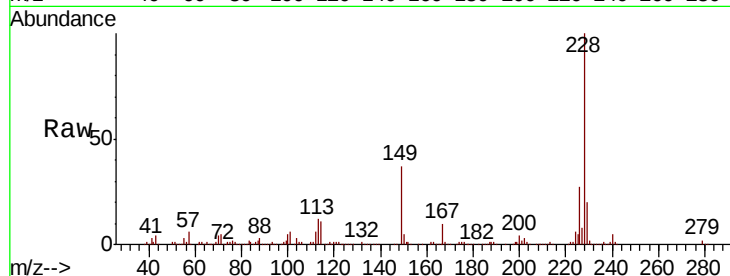




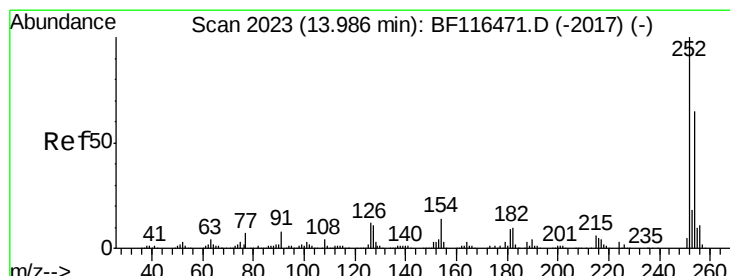
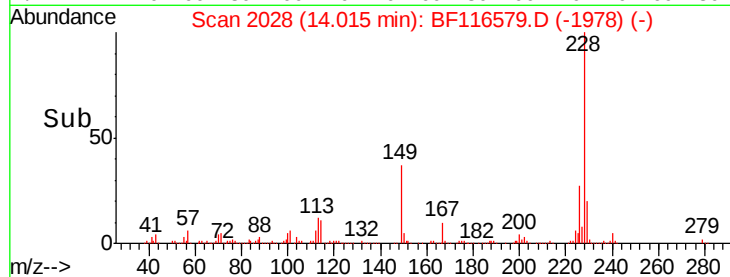
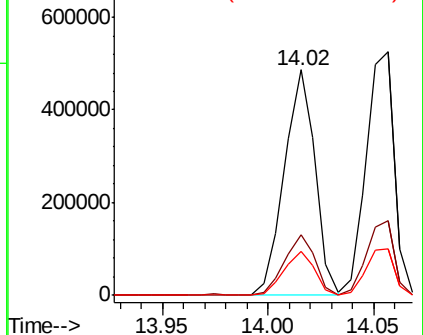
#81
Benzo(a)anthracene
Concen: 43.733 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 494844
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.5 15.9 23.9

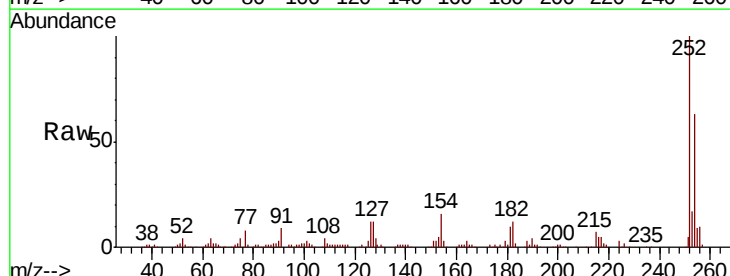


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

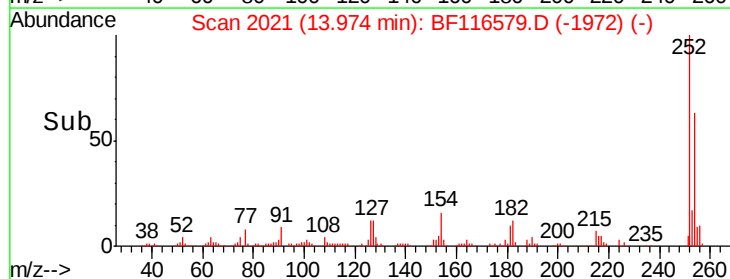
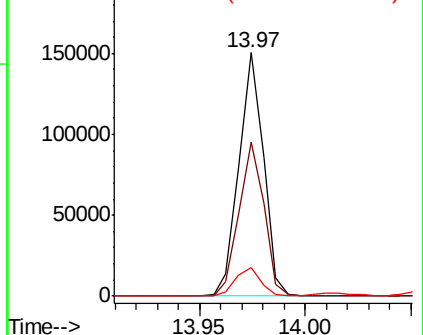


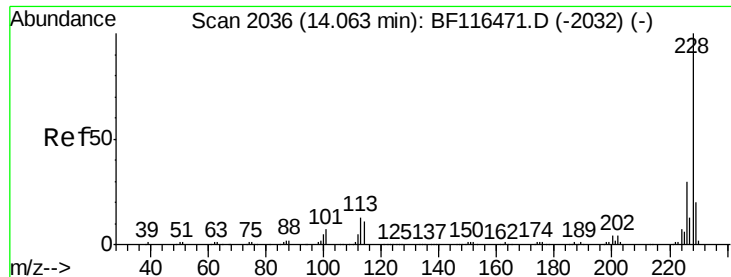
#82
3,3'-Dichlorobenzidine
Concen: 30.062 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:252 Resp: 121218
Ion Ratio Lower Upper
252 100
254 63.1 51.9 77.9
126 11.8 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

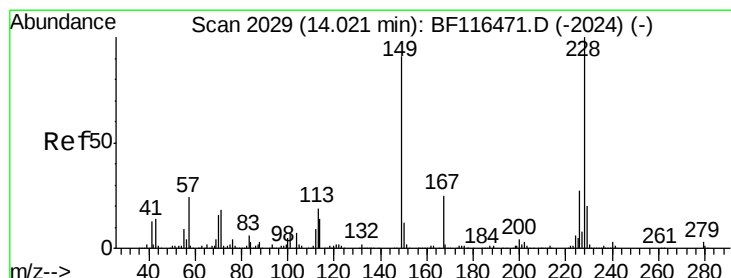
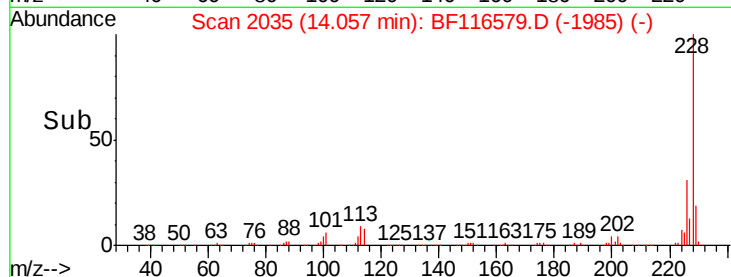
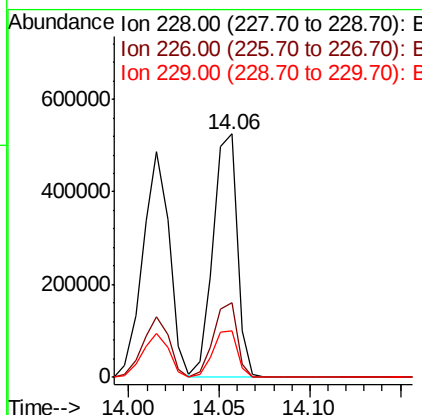
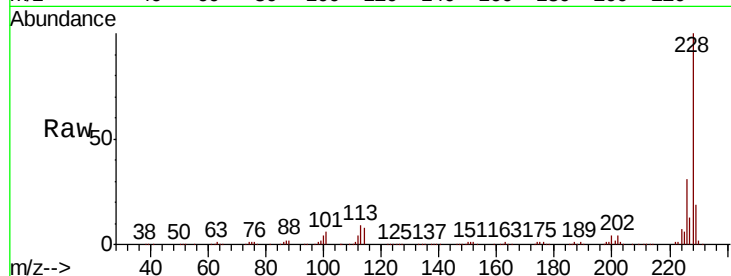




#83
 Chrysene
 Concen: 42.672 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

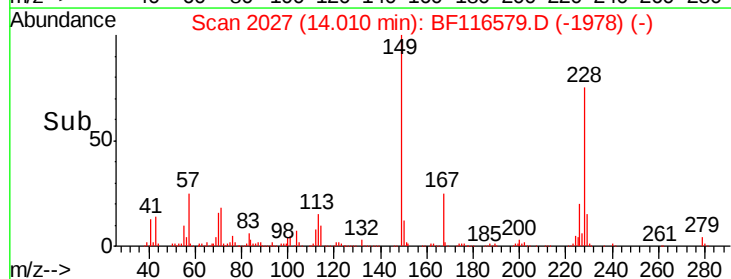
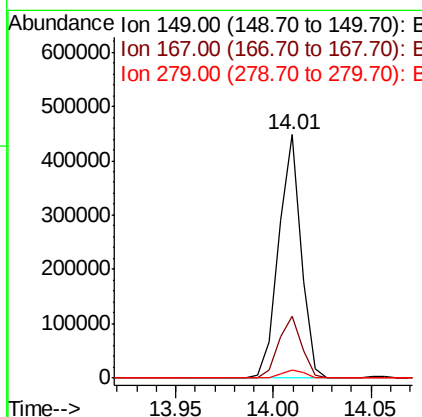
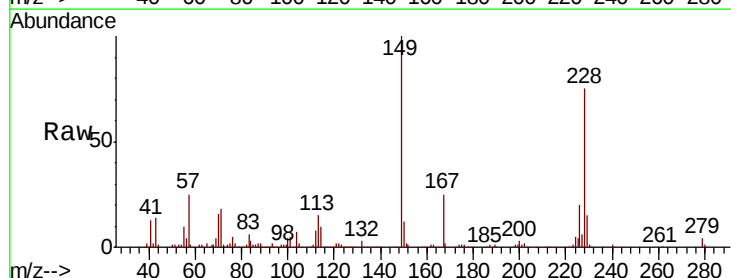
Instrument :
 BNA_F
 ClientSampleId :

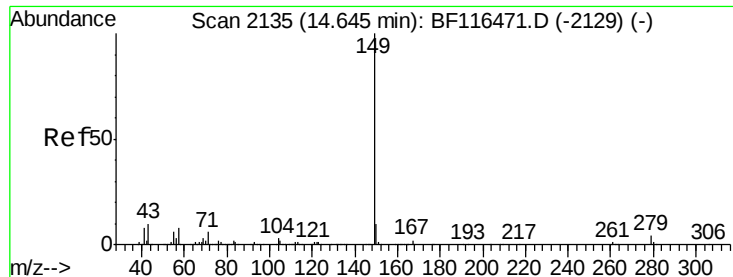
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.0	15.8	23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.219 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF116579.D
 Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.8	32.6
279	3.5	3.0	4.4

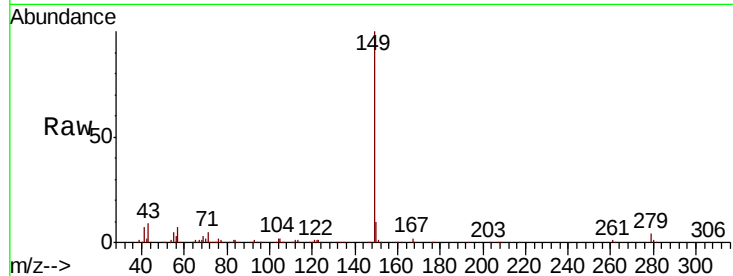




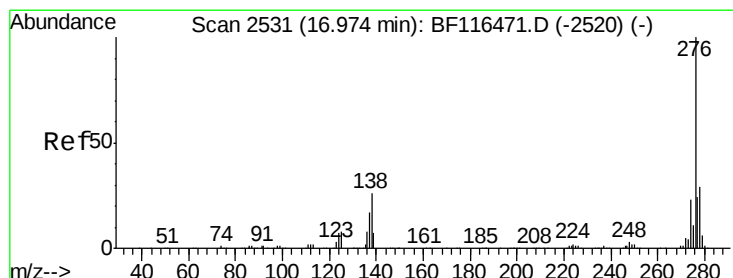
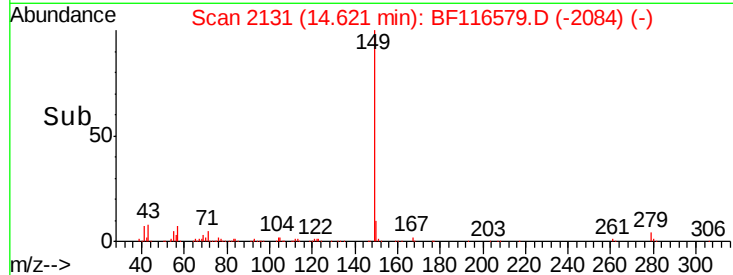
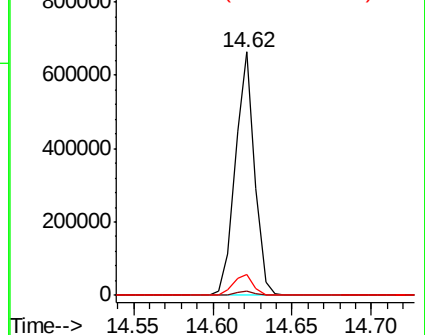
#85
Di-n-octyl phthalate
Concen: 40.567 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.8	11.8

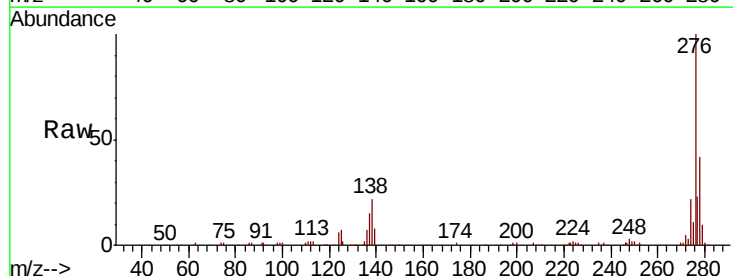


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

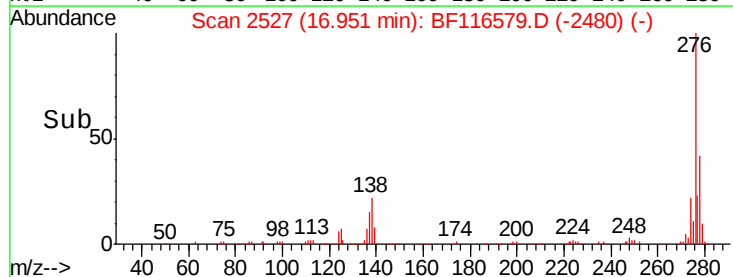
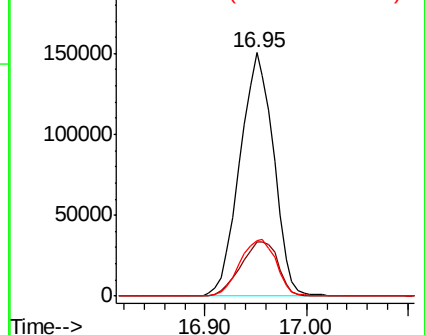


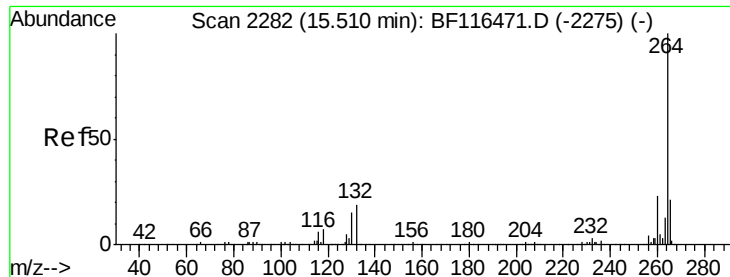
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.462 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	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

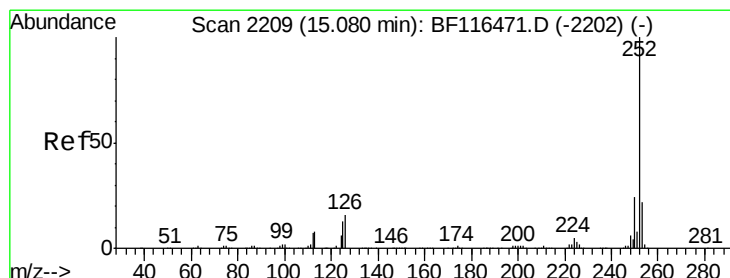
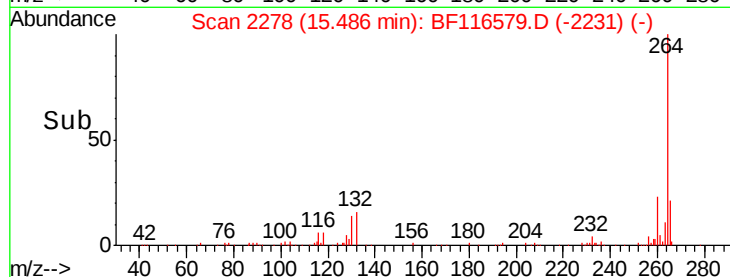
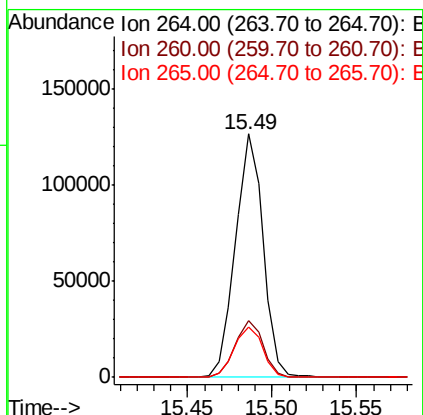
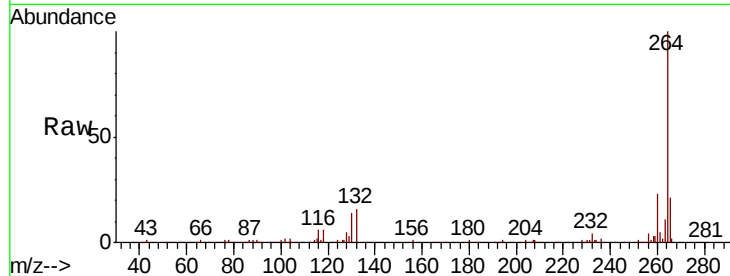




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

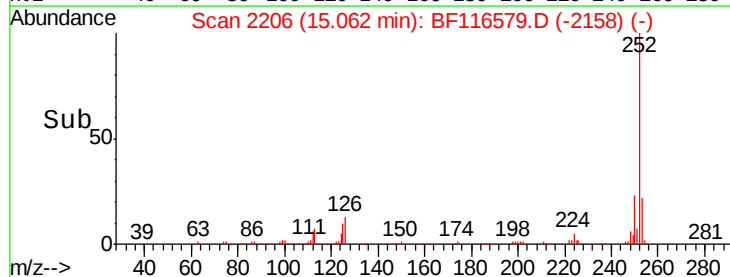
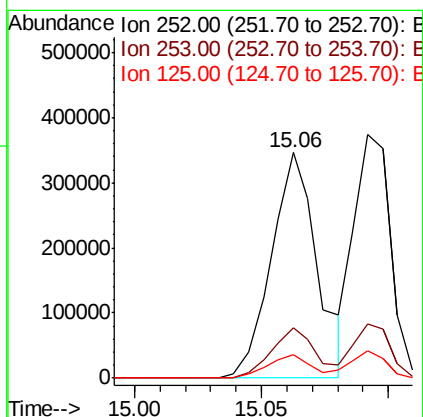
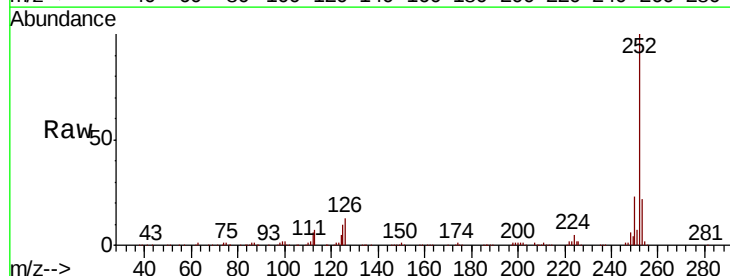
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 144733
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 20.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 48.942 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:252 Resp: 437586
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 10.1 15.1

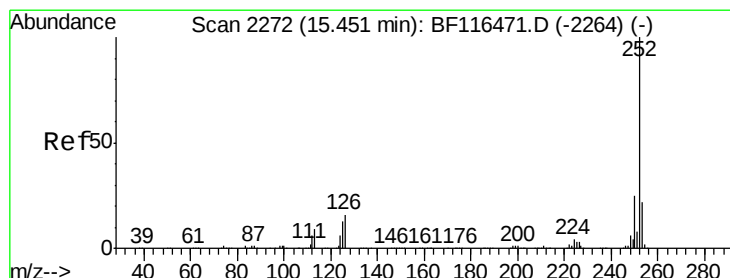
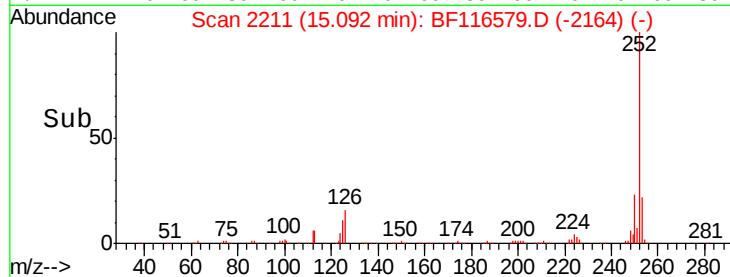
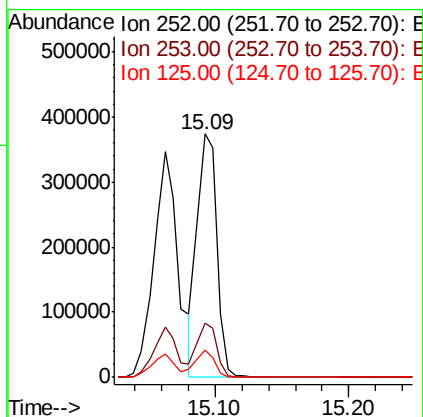
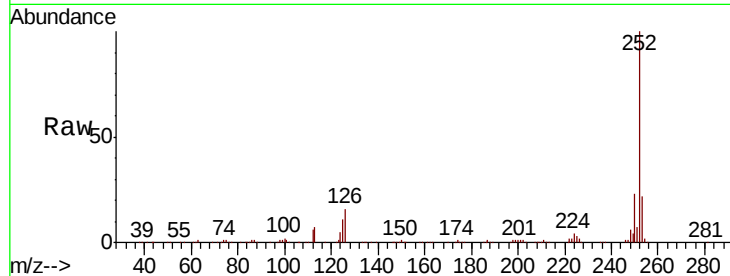




#89
Benzo(k)fluoranthene
Concen: 46.686 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

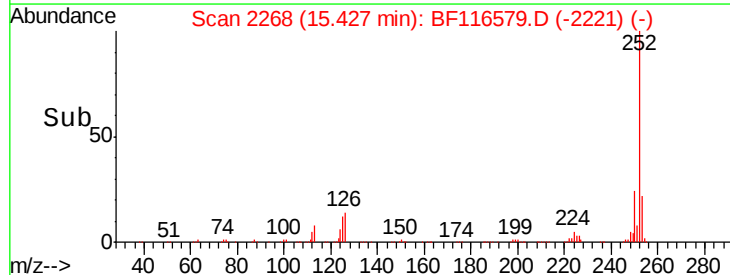
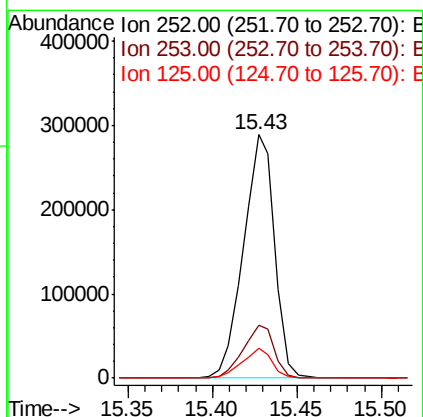
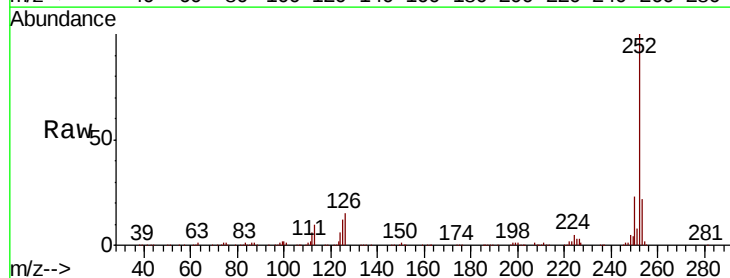
Instrument :
BNA_F
ClientSampleId :

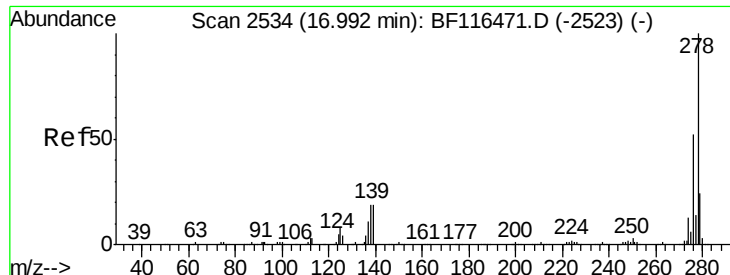
Tot Ion:252 Resp: 378154
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 46.876 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion:252 Resp: 370417
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.0 10.2 15.4

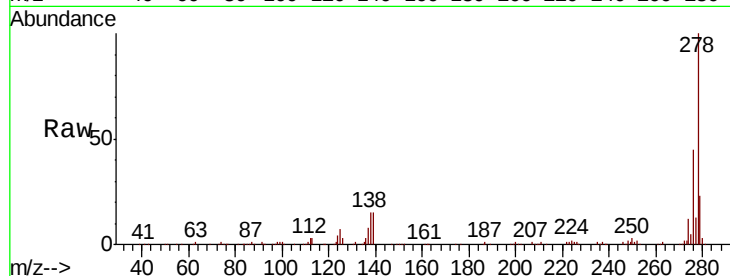




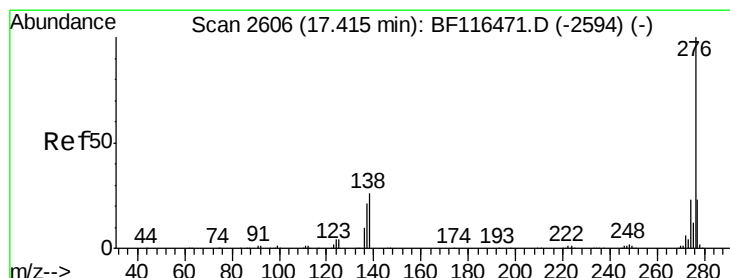
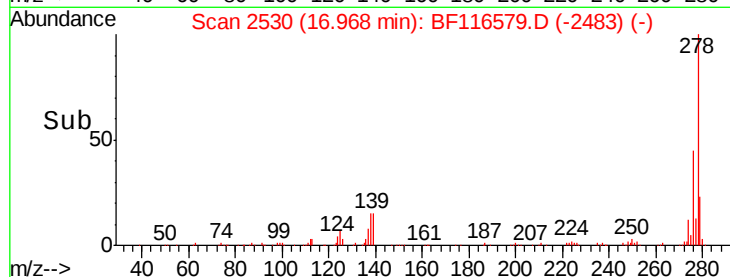
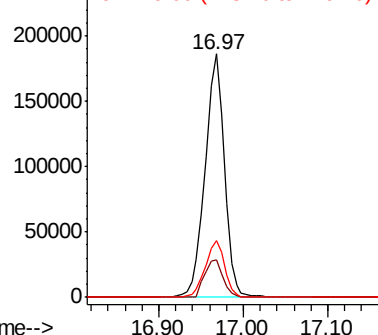
#91
Dibenzo(a,h)anthracene
Concen: 45.029 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.3	22.9
279	23.4	19.0	28.6

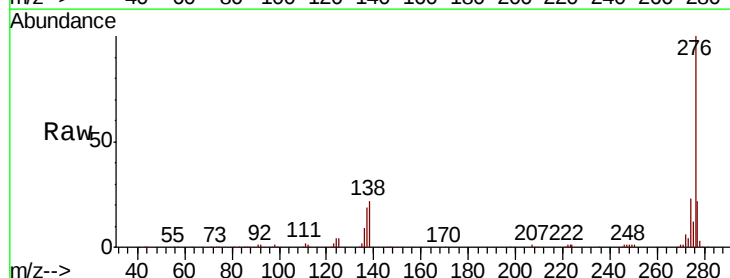


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.152 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116579.D
Acq: 27 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.7	28.1
138	21.9	20.8	31.2



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

