

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116484.D
 Acq On : 23 Aug 2019 18:28
 Operator : HP/JU
 Sample : PB122393BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Quant Time: Aug 24 03:34:04 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	6.88	152	116662	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	477824	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	238018	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	401011	20.00	ng	0.00
76) Chrysene-d12	14.03	240	247482	20.00	ng	0.00
87) Perylene-d12	15.49	264	225910	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	717476	89.86	ng	0.01
7) Phenol-d6	6.51	99	893250	91.24	ng	0.00
23) Nitrobenzene-d5	7.44	82	515655	59.04	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	205997	100.79	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	927909	62.78	ng	0.00
79) Terphenyl-d14	12.98	244	894429	67.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	128147	37.069	ng	98
3) Pyridine	3.50	79	321916	30.579	ng	99
4) n-Nitrosodimethylamine	3.45	42	141715	36.875	ng	97
6) Aniline	6.55	93	399023	30.106	ng	99
8) 2-Chlorophenol	6.67	128	312168	37.258	ng	98
9) Benzaldehyde	6.43	77	254132	38.851	ng	96
10) Phenol	6.52	94	404634	38.062	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	300108	37.076	ng	99
12) 1,3-Dichlorobenzene	6.83	146	335768	37.024	ng	96
13) 1,4-Dichlorobenzene	6.90	146	339448	38.891	ng	99
14) 1,2-Dichlorobenzene	7.06	146	317527	38.563	ng	99
15) Benzyl Alcohol	7.02	79	287193	36.249	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	391543	34.985	ng	99
17) 2-Methylphenol	7.13	107	258485	37.235	ng	100
18) Hexachloroethane	7.40	117	125987	37.011	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	228008	34.132	ng	97
20) 3+4-Methylphenols	7.28	107	323324	38.020	ng	96
22) Acetophenone	7.29	105	442354	37.022	ng	# 98
24) Nitrobenzene	7.46	77	343863	38.018	ng	96
25) Isophorone	7.70	82	618079	35.911	ng	100
26) 2-Nitrophenol	7.77	139	149461	45.240	ng	99
27) 2,4-Dimethylphenol	7.81	122	275957	40.032	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	375324	35.311	ng	98
29) 2,4-Dichlorophenol	8.02	162	250822	38.260	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	280269	37.976	ng	97
31) Naphthalene	8.19	128	899453	38.912	ng	99
32) Benzoic acid	7.92	122	173151	39.291	ng	92
33) 4-Chloroaniline	8.23	127	206221	20.322	ng	98
34) Hexachlorobutadiene	8.31	225	151696	37.689	ng	99
35) Caprolactam	8.61	113	25665	11.239	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	267061	36.105	ng	97
37) 2-Methylnaphthalene	8.87	142	590687	37.218	ng	98
38) 1-Methylnaphthalene	8.97	142	552703	37.280	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	248037	38.733	ng	99

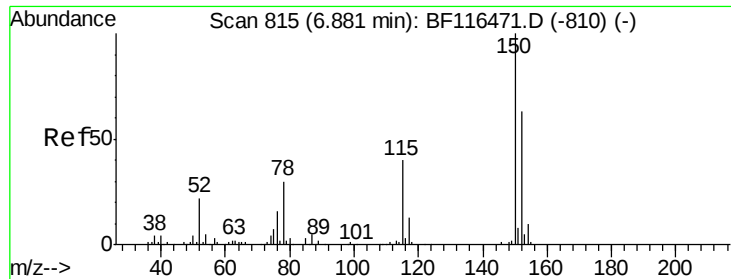
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116484.D
 Acq On : 23 Aug 2019 18:28
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	288811	83.825	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	173803	38.780	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	181083	39.709	ng	94
46) 1,1'-Biphenyl	9.34	154	720124	37.842	ng	99
47) 2-Chloronaphthalene	9.36	162	550957	37.345	ng	99
48) 2-Nitroaniline	9.45	65	162952	36.074	ng	99
49) Acenaphthylene	9.78	152	853480	39.541	ng	99
50) Dimethylphthalate	9.63	163	621699	37.437	ng	99
51) 2,6-Dinitrotoluene	9.69	165	139484	41.035	ng	97
52) Acenaphthene	9.95	154	561416	40.535	ng	99
53) 3-Nitroaniline	9.86	138	95212	23.499	ng	94
54) 2,4-Dinitrophenol	9.96	184	92511	70.613	ng	# 1
55) Dibenzofuran	10.12	168	757440	39.232	ng	99
56) 4-Nitrophenol	10.01	139	217319	69.006	ng	99
57) 2,4-Dinitrotoluene	10.09	165	178135	41.185	ng	96
58) Fluorene	10.46	166	571995	38.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	150104	40.087	ng	97
60) Diethylphthalate	10.33	149	613717	37.600	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	279625	38.212	ng	98
62) 4-Nitroaniline	10.47	138	132117	33.340	ng	95
63) Azobenzene	10.62	77	642175	38.265	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	72292	44.553	ng	97
66) n-Nitrosodiphenylamine	10.57	169	514222	39.602	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	165488	39.363	ng	99
68) Hexachlorobenzene	11.02	284	174115	37.445	ng	99
69) Atrazine	11.09	200	147863	38.007	ng	99
70) Pentachlorophenol	11.20	266	210144	77.459	ng	100
71) Phenanthrene	11.42	178	838448	38.381	ng	100
72) Anthracene	11.47	178	862764	39.303	ng	99
73) Carbazole	11.62	167	740693	37.591	ng	100
74) Di-n-butylphthalate	11.96	149	941843	38.574	ng	100
75) Fluoranthene	12.61	202	841562	37.262	ng	100
77) Benzidine	12.72	184	364005	36.558	ng	98
78) Pyrene	12.83	202	837255	42.304	ng	99
80) Butylbenzylphthalate	13.45	149	354836	41.514	ng	90
81) Benzo(a)anthracene	14.02	228	613831	38.296	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	171172	29.967	ng	98
83) Chrysene	14.06	228	618003	38.040	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	468263	41.085	ng	99
85) Di-n-octyl phthalate	14.63	149	754906	39.014	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	553218	39.753	ng	98
88) Benzo(b)fluoranthene	15.07	252	542745	38.891	ng	98
89) Benzo(k)fluoranthene	15.10	252	522137	41.298	ng	99
90) Benzo(a)pyrene	15.43	252	501977	40.698	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	464361	45.817	ng	100
92) Benzo(g,h,i)perylene	17.40	276	472659	48.918	ng	98

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

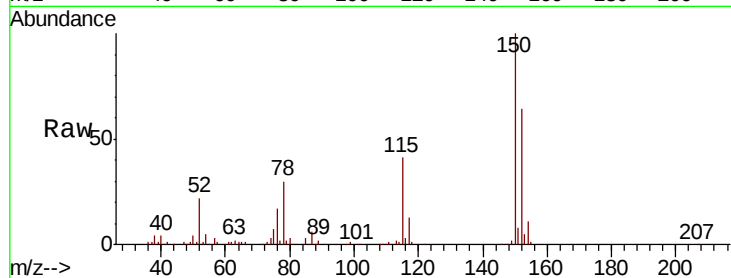


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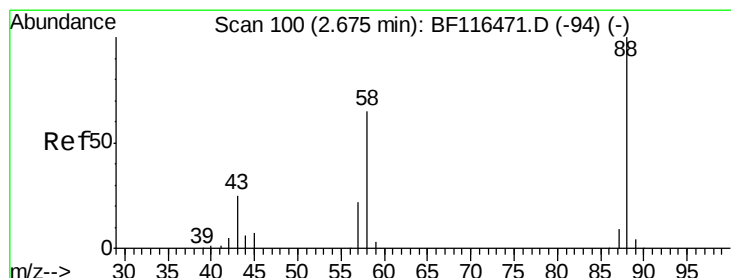
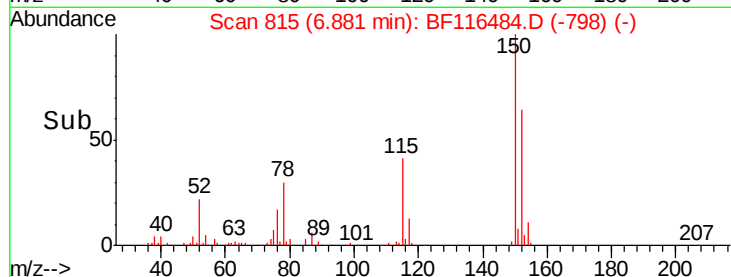
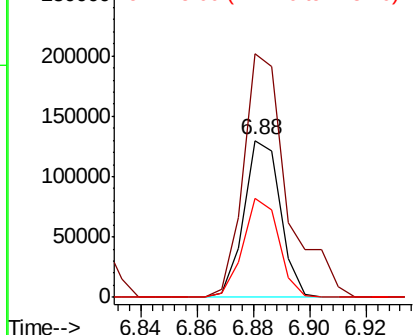
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:152 Resp: 116662
Ion Ratio Lower Upper
152 100
150 155.0 126.7 190.1
115 62.8 50.9 76.3



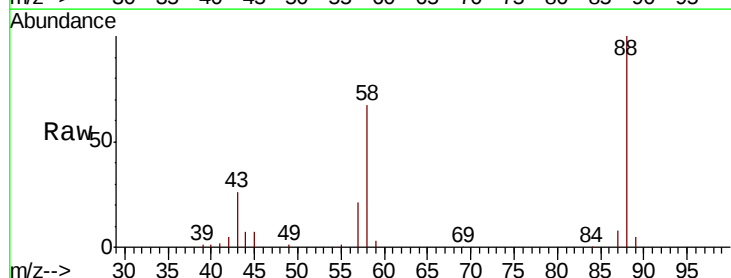
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



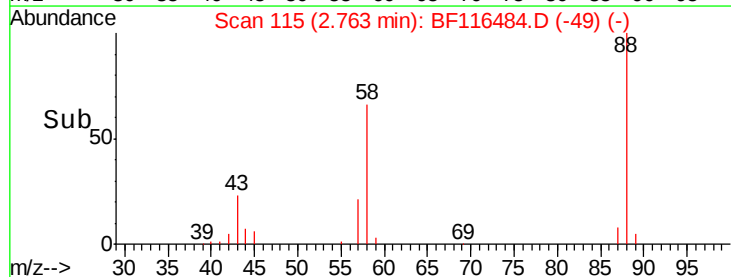
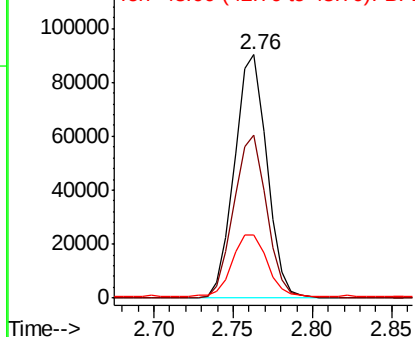
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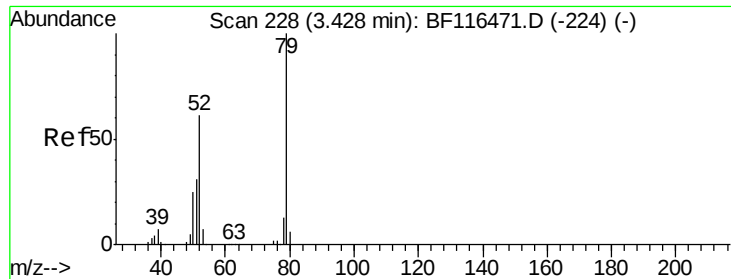
1,4-Dioxane
Concen: 37.069 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion: 88 Resp: 128147
Ion Ratio Lower Upper
88 100
58 68.2 53.4 80.0
43 27.4 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

Pyridine

Concen: 30.579 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.08 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

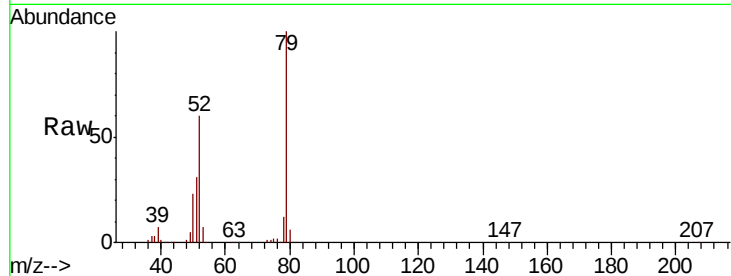
Tgt Ion: 79 Resp: 321916

Ion Ratio Lower Upper

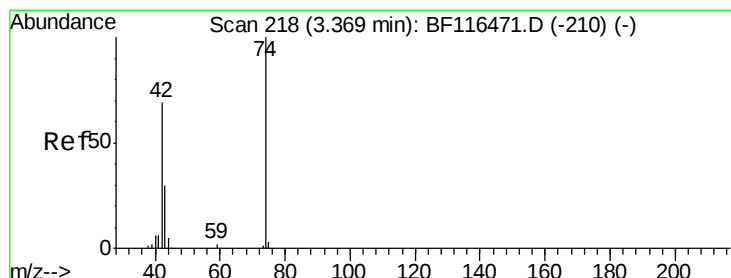
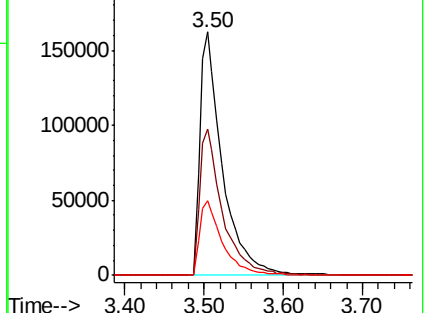
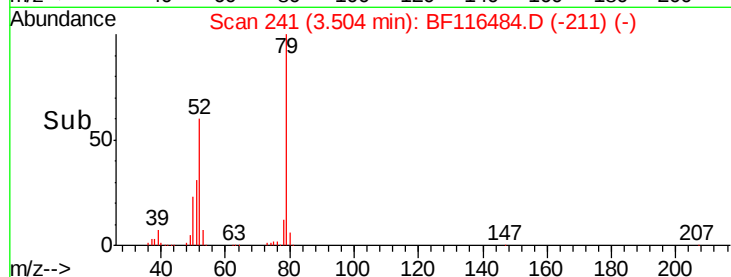
79 100

52 59.9 48.8 73.2

51 30.9 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: 36.875 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

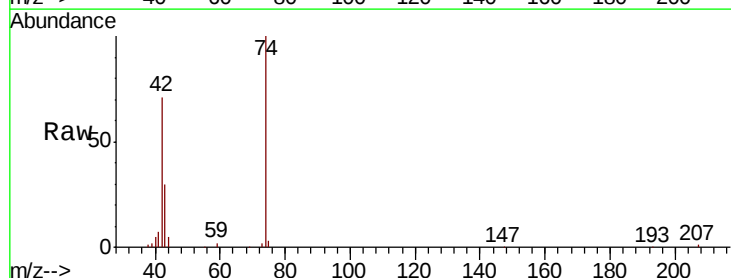
Tgt Ion: 42 Resp: 141715

Ion Ratio Lower Upper

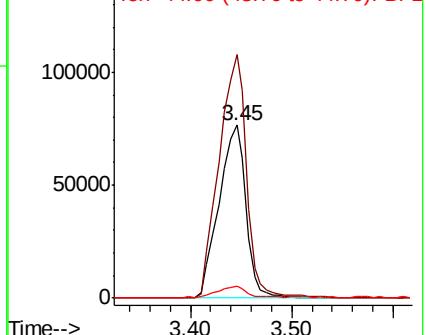
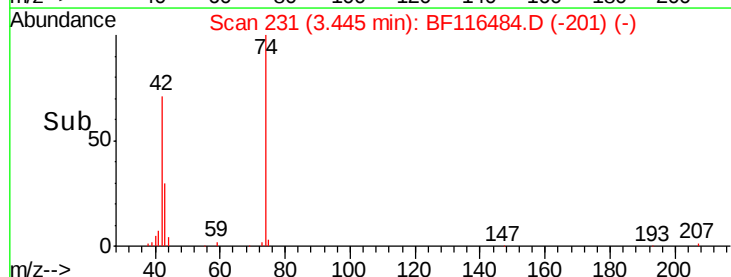
42 100

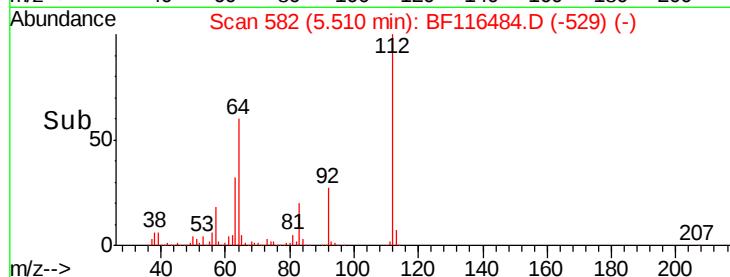
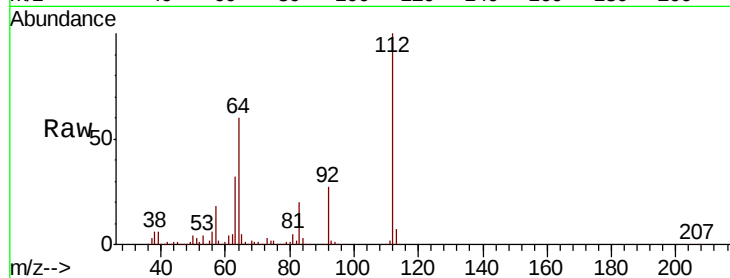
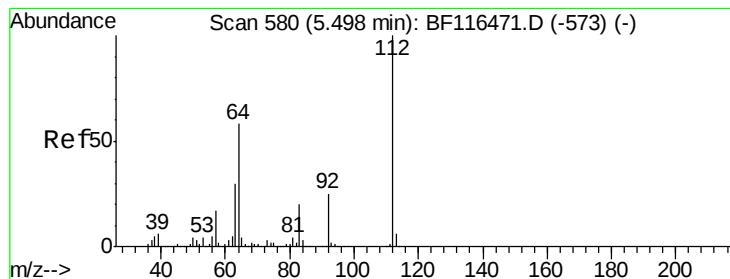
74 140.9 115.3 172.9

44 6.7 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: 89.861 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

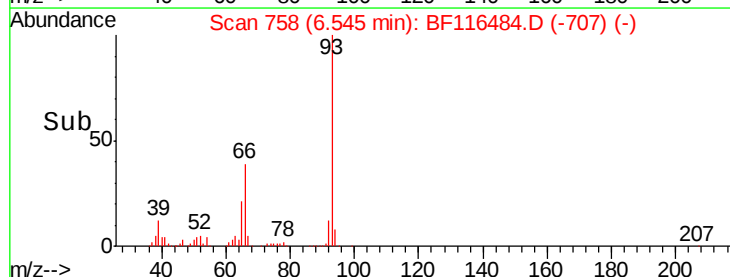
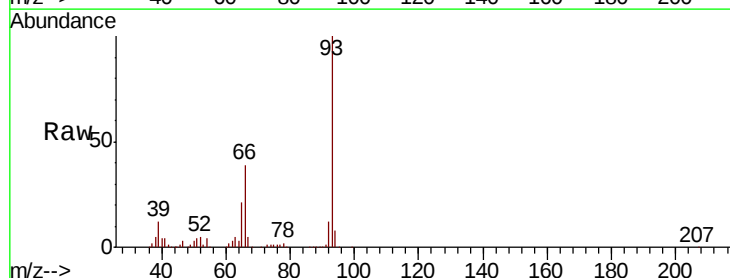
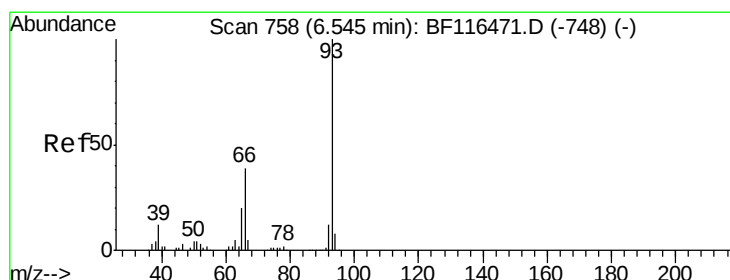
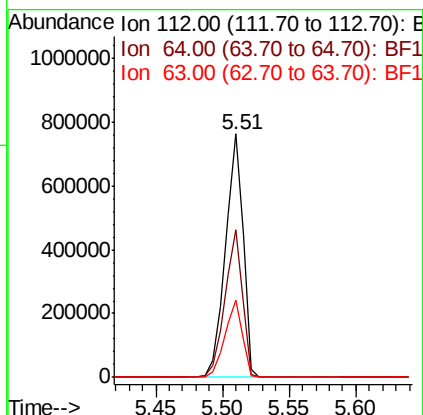
Tgt Ion: 112 Resp: 717476

Ion Ratio Lower Upper

112 100

64 60.5 46.3 69.5

63 31.5 24.2 36.4



#6

Aniline

Concen: 30.106 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

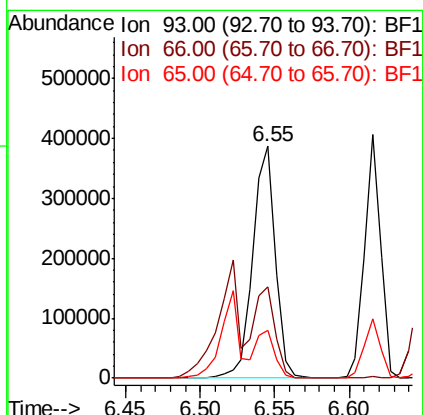
Tgt Ion: 93 Resp: 399023

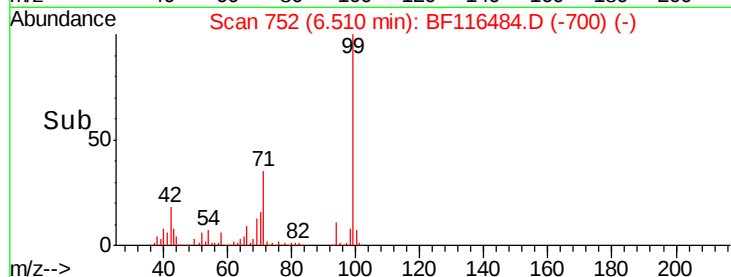
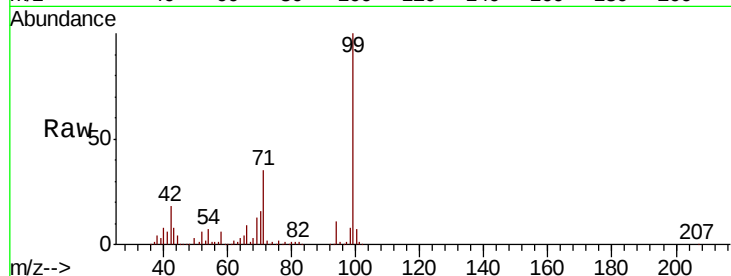
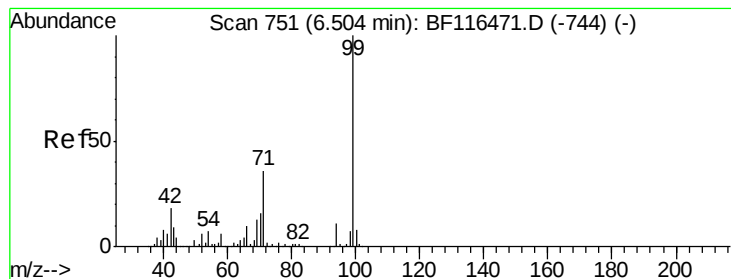
Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

65 20.5 16.3 24.5





#7

Phenol-d6

Concen: 91.242 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

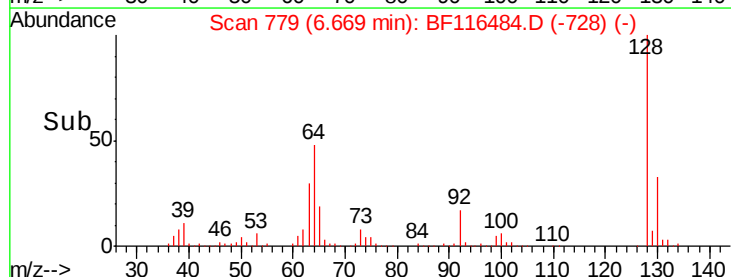
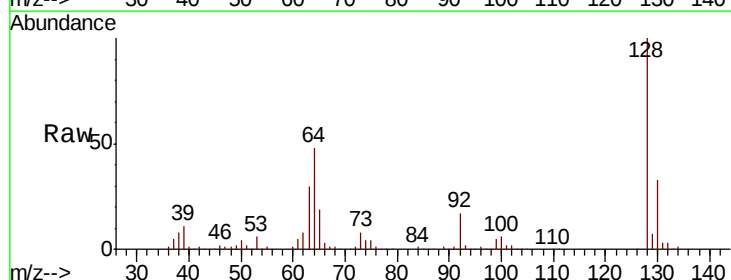
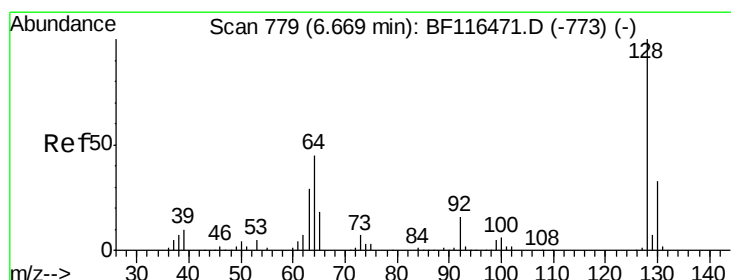
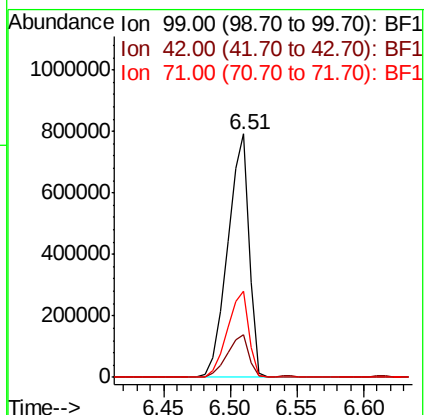
Tgt Ion: 99 Resp: 893250

Ion Ratio Lower Upper

99 100

42 17.5 14.6 21.8

71 35.2 28.5 42.7



#8

2-Chlorophenol

Concen: 37.258 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

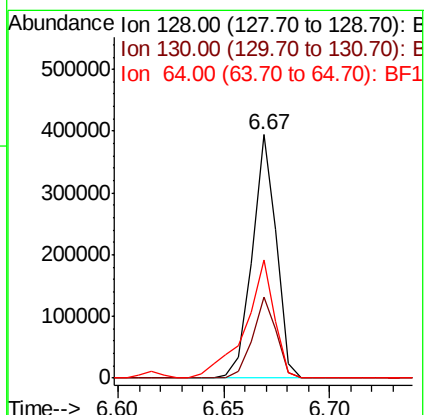
Tgt Ion: 128 Resp: 312168

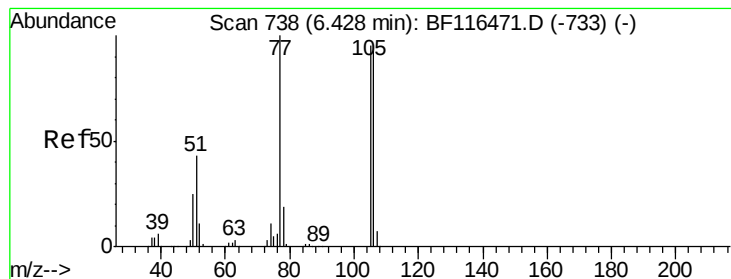
Ion Ratio Lower Upper

128 100

130 33.2 13.4 53.4

64 48.3 26.3 66.3





#9

Benzaldehyde

Concen: 38.851 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

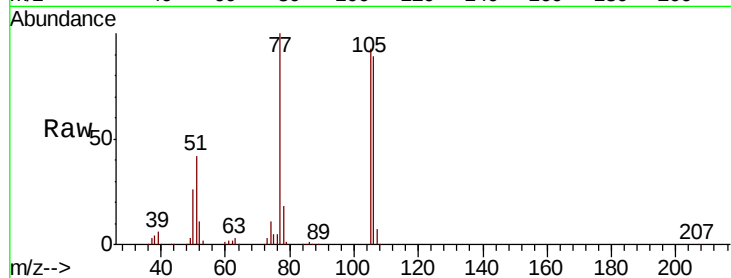
Tgt Ion: 77 Resp: 254132

Ion Ratio Lower Upper

77 100

105 92.6 75.5 115.5

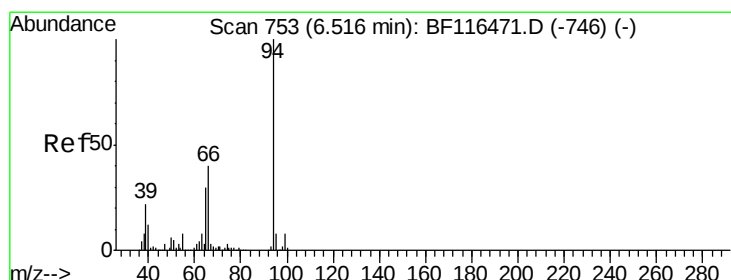
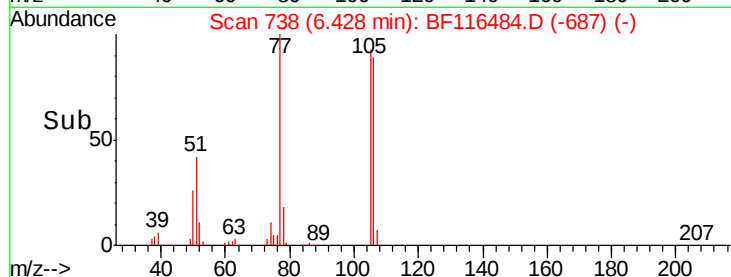
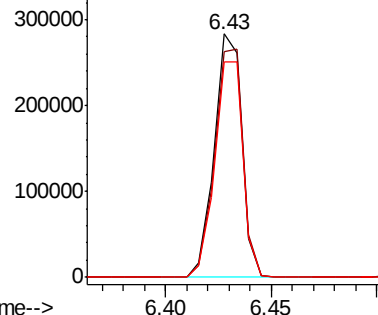
106 88.7 73.2 113.2



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: 38.062 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

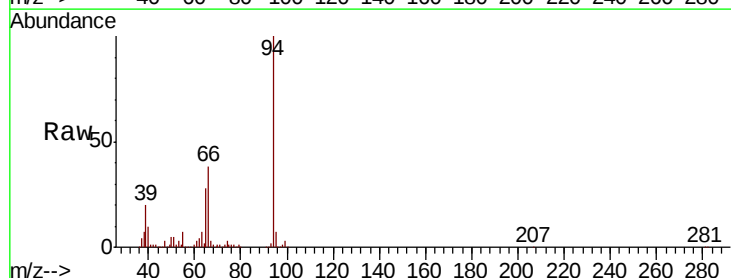
Tgt Ion: 94 Resp: 404634

Ion Ratio Lower Upper

94 100

65 28.4 10.0 50.0

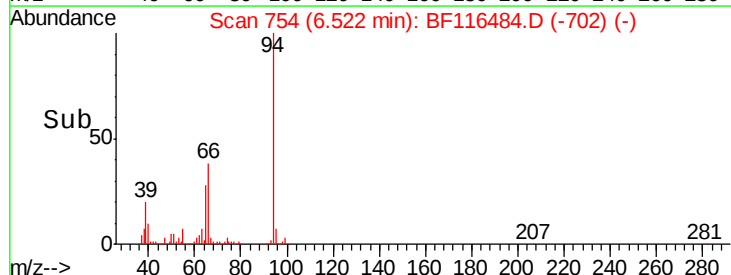
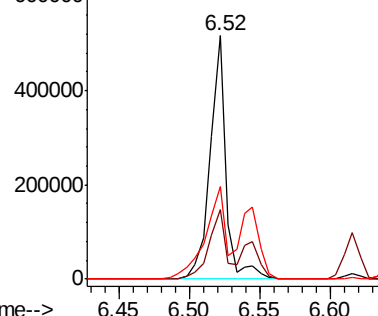
66 38.0 19.8 59.8

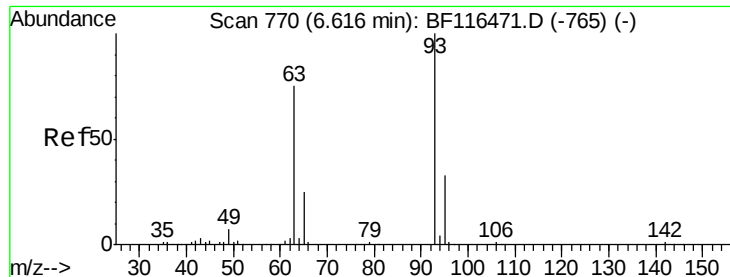


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



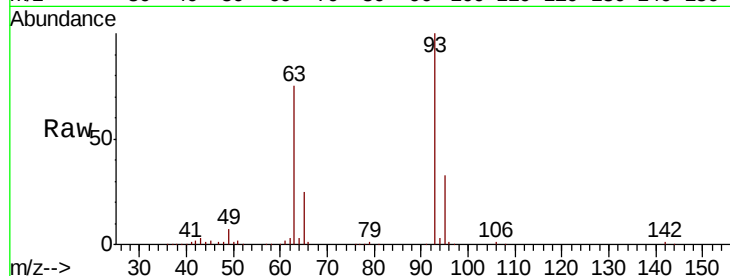


#11
bis(2-Chloroethyl)ether
Concen: 37.076 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

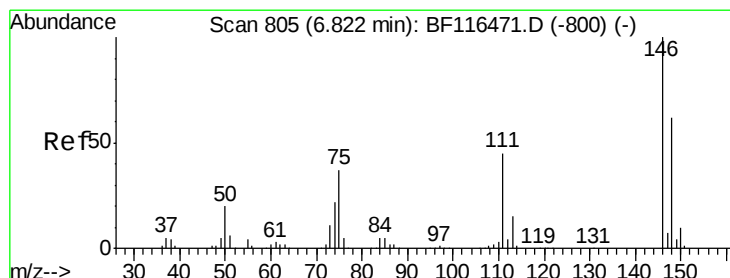
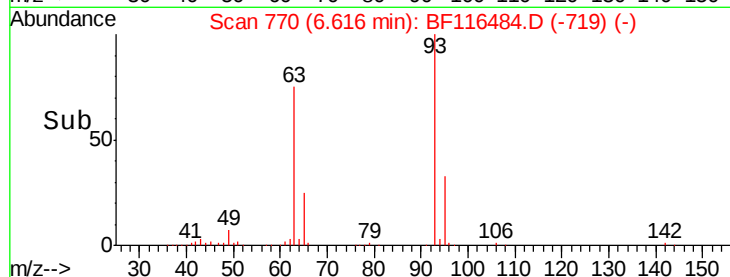
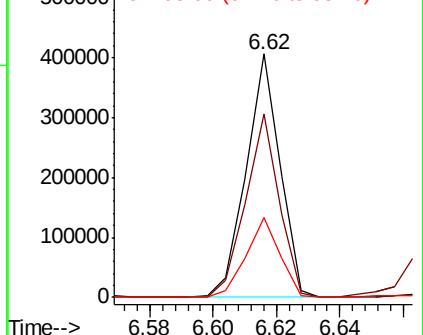
Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion: 93 Resp: 300108

Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.3	94.3
95	32.7	13.3	53.3



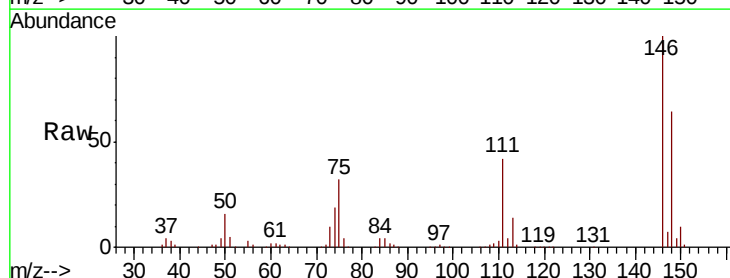
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



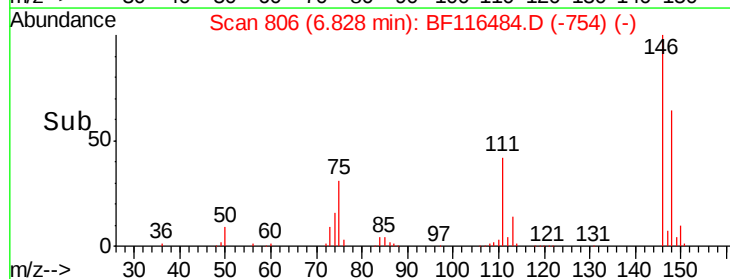
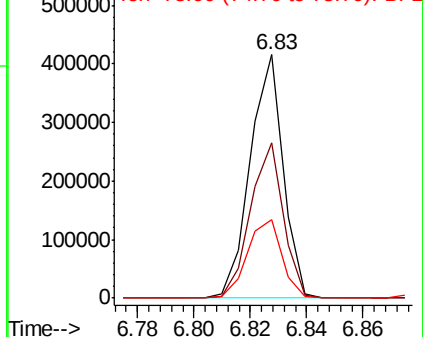
#12
1,3-Dichlorobenzene
Concen: 37.024 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

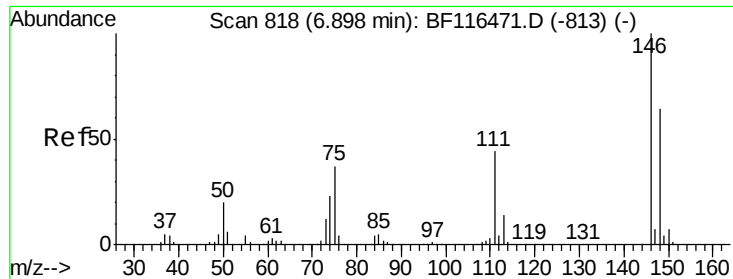
Tgt Ion: 146 Resp: 335768

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	32.1	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

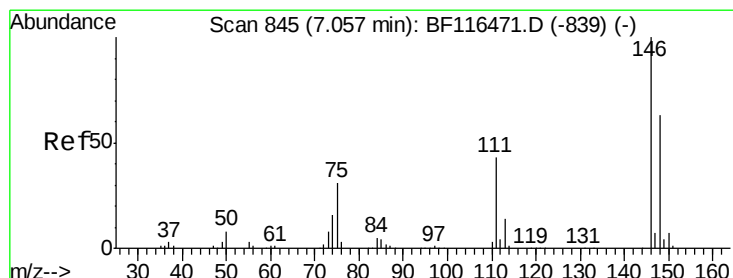
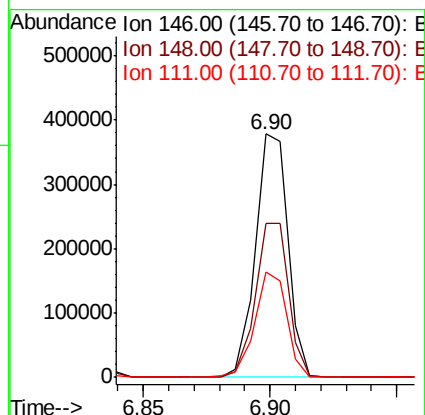
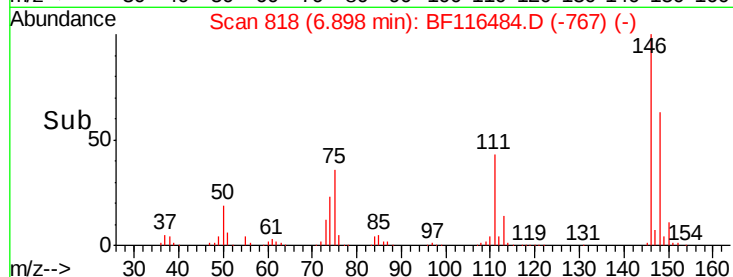
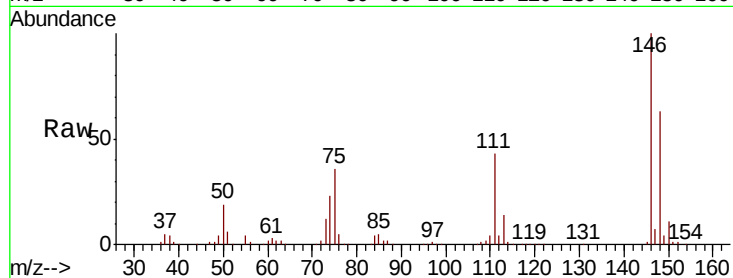




#13
 1,4-Dichlorobenzene
 Concen: 38.891 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

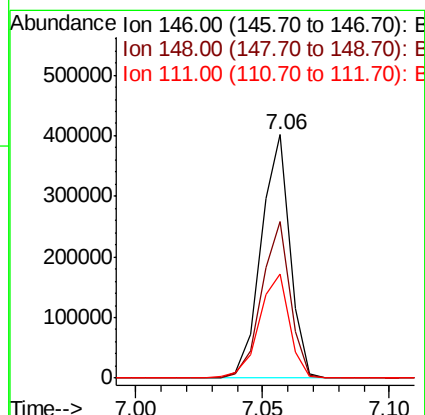
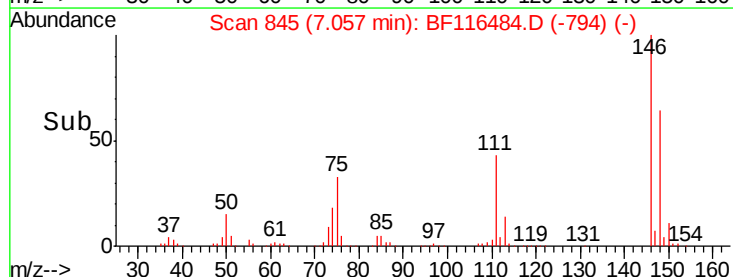
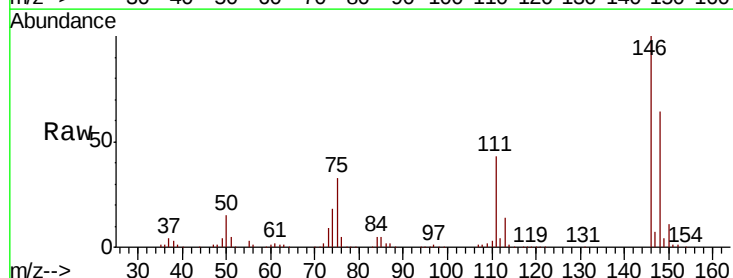
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

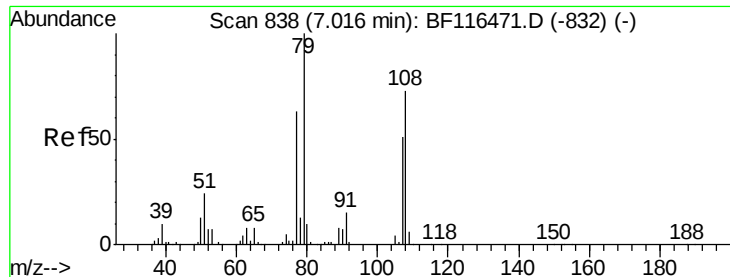
Tgt Ion:146 Resp: 339448
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.4
 111 43.2 35.4 53.2



#14
 1,2-Dichlorobenzene
 Concen: 38.563 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:146 Resp: 317527
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 43.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 36.249 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

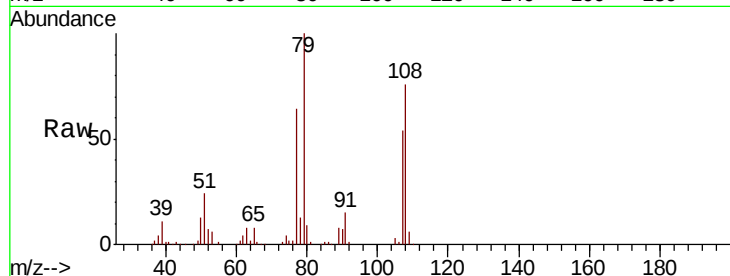
Tgt Ion: 79 Resp: 287193

Ion Ratio Lower Upper

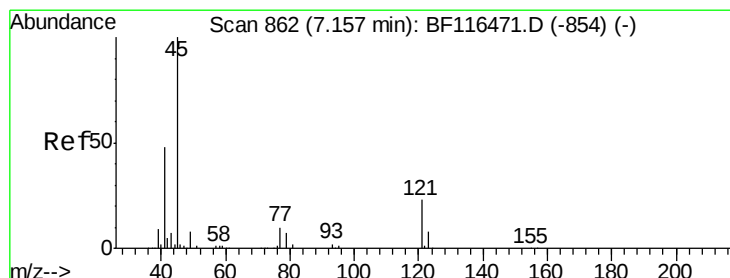
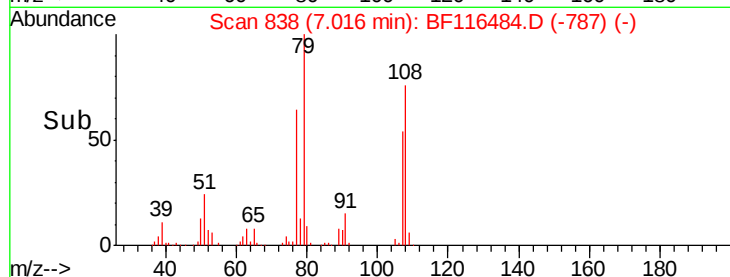
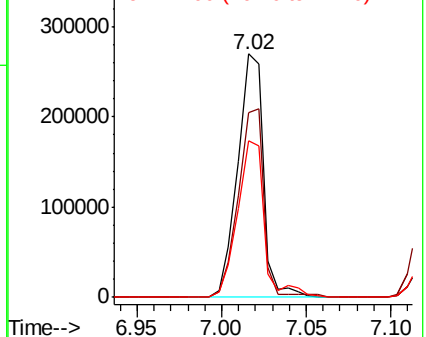
79 100

108 76.0 58.1 87.1

77 64.2 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: 34.985 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

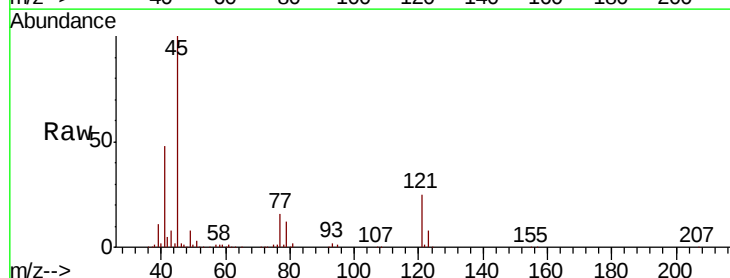
Tgt Ion: 45 Resp: 391543

Ion Ratio Lower Upper

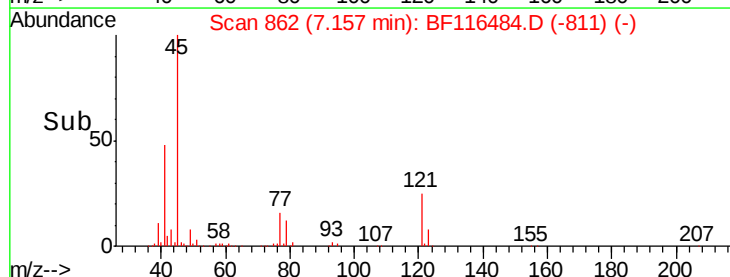
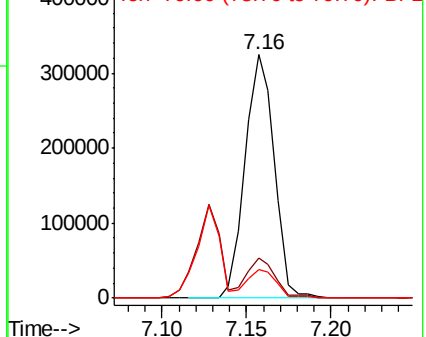
45 100

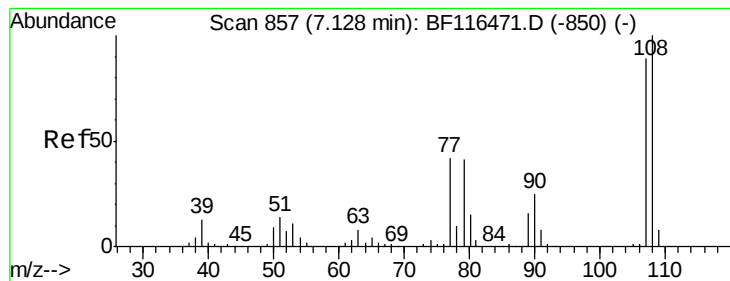
77 16.4 0.0 36.1

79 11.8 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: 37.235 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

Tgt Ion:107 Resp: 258485

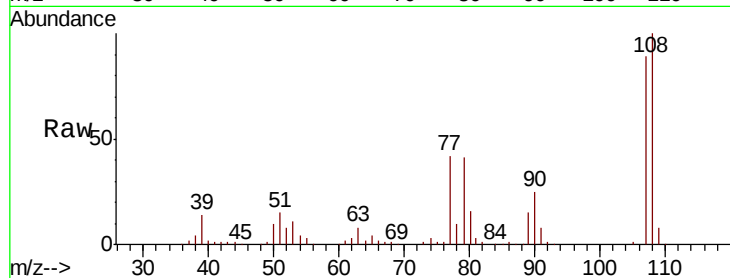
Ion Ratio Lower Upper

107 100

108 111.9 90.0 135.0

77 47.0 37.6 56.4

79 46.1 36.8 55.2

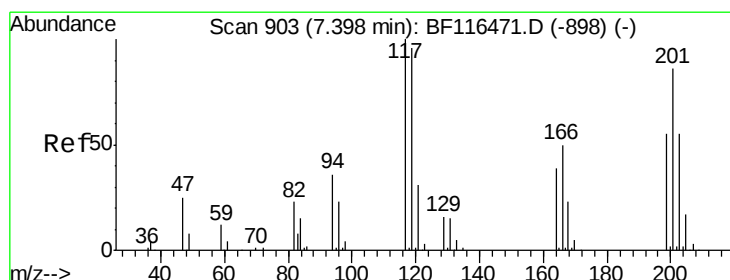
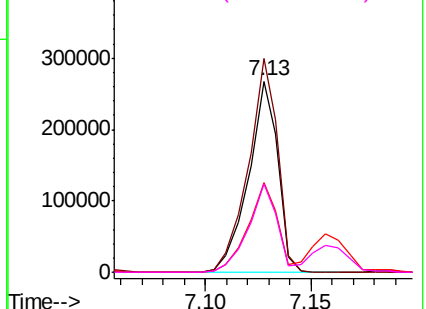
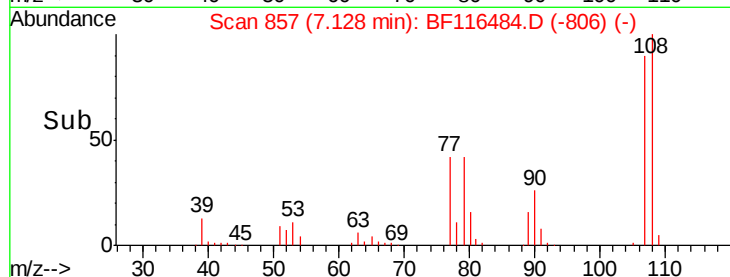


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.011 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

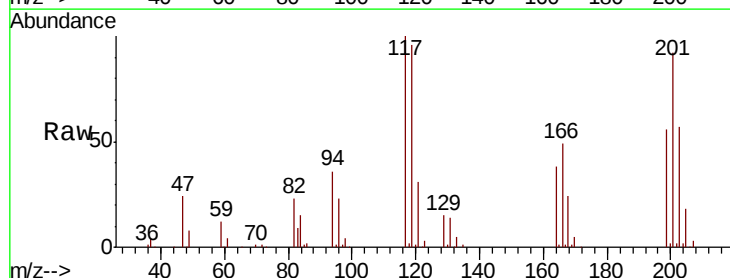
Tgt Ion:117 Resp: 125987

Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6

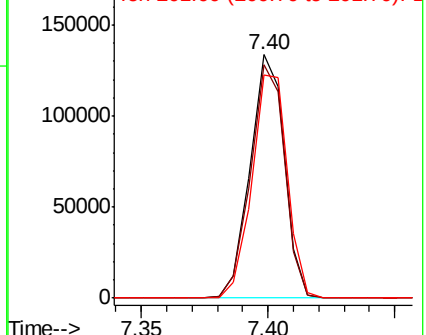
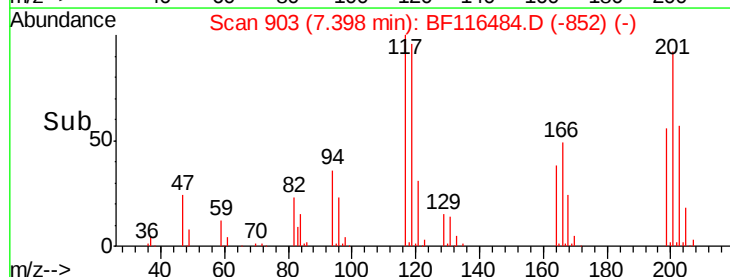
201 91.6 69.1 103.7

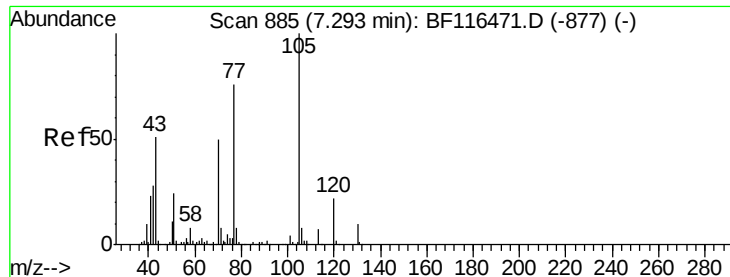


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

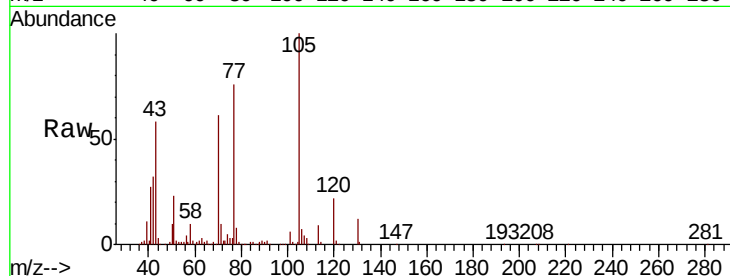




#19
n-Nitroso-di-n-propylamine
Concen: 34.132 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:	70	Resp:	228008
Ion	Ratio	Lower	Upper
70	100		
42	53.0	44.4	66.6
101	9.1	7.1	10.7
130	20.4	15.8	23.8



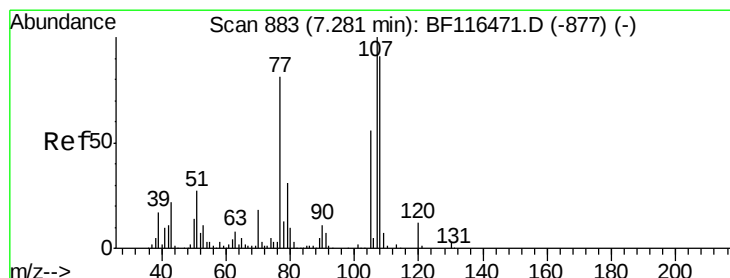
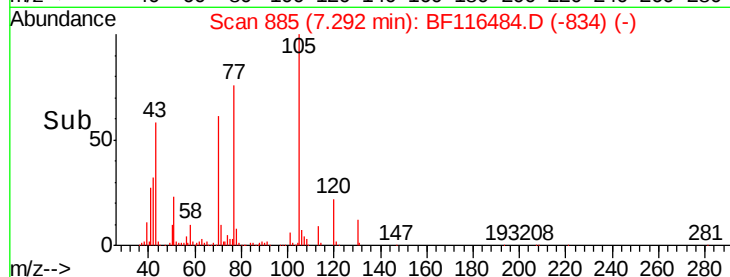
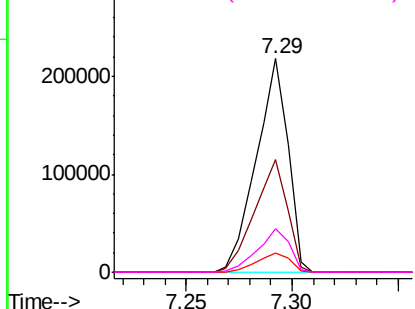
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

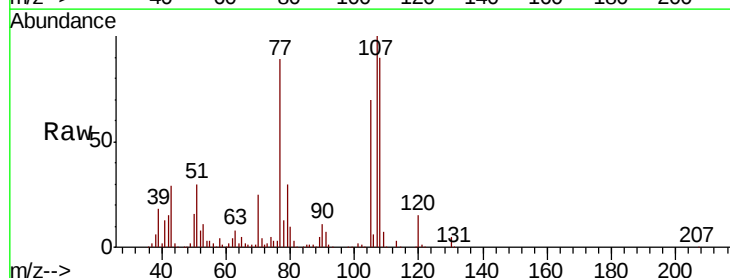
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:	107	Resp:	323324
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.7	110.7
77	88.8	60.6	100.6
79	30.5	11.1	51.1



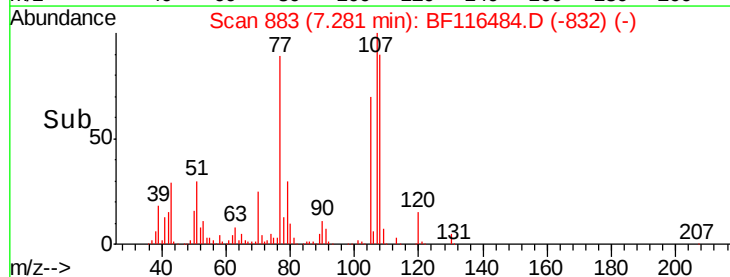
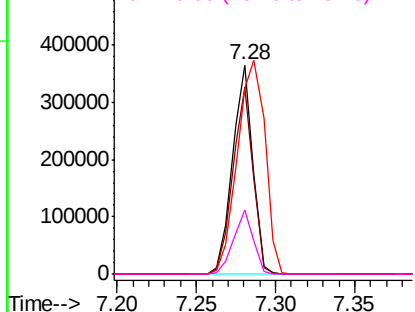
Abundance

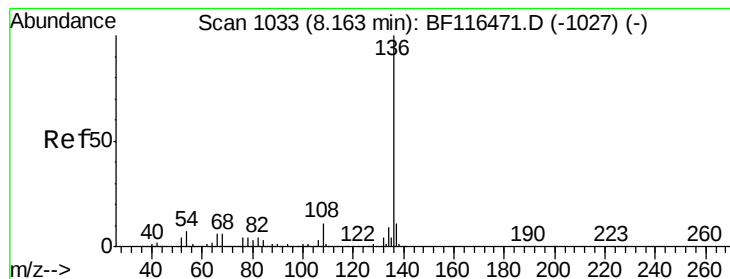
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

Tgt Ion:136 Resp: 477824

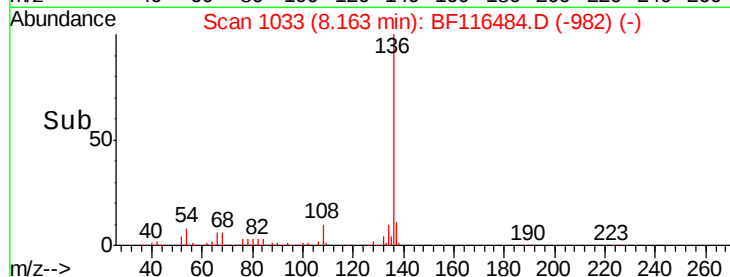
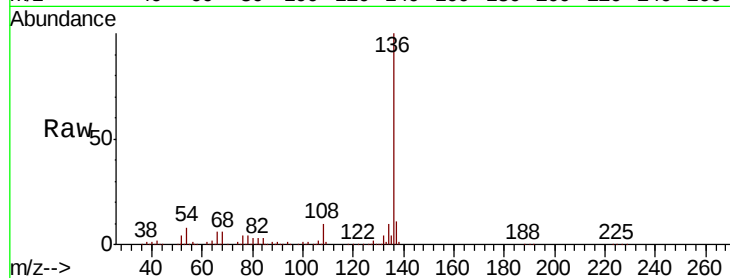
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.6 5.8 8.6

68 6.2 5.1 7.7

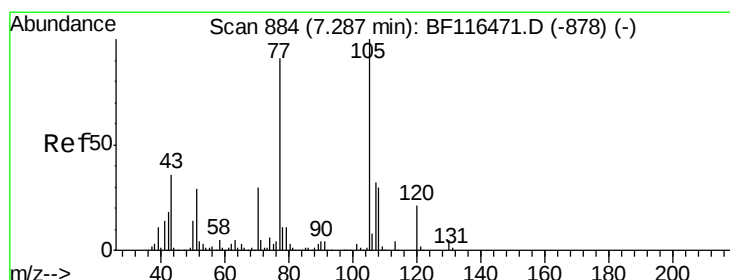
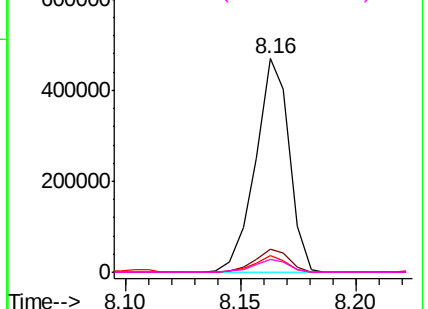


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.022 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Tgt Ion:105 Resp: 442354

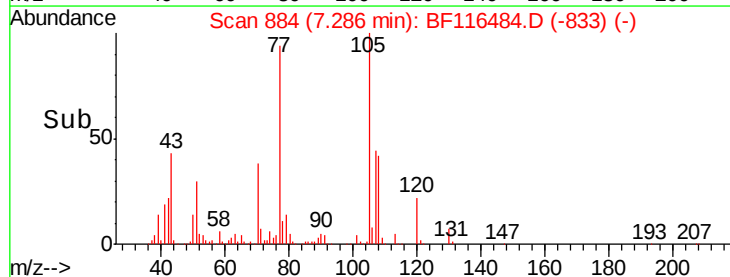
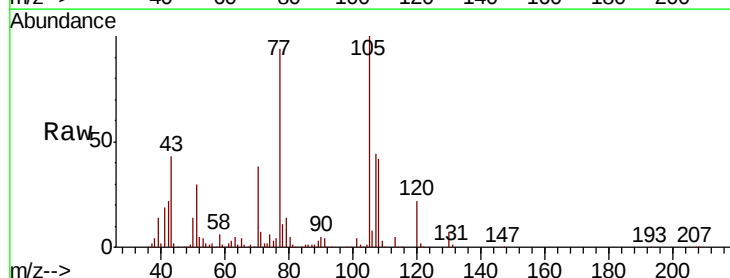
Ion Ratio Lower Upper

105 100

71 6.6 4.2 6.2#

51 29.6 23.0 34.4

120 21.7 16.5 24.7

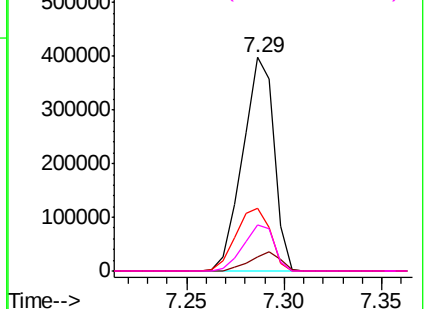


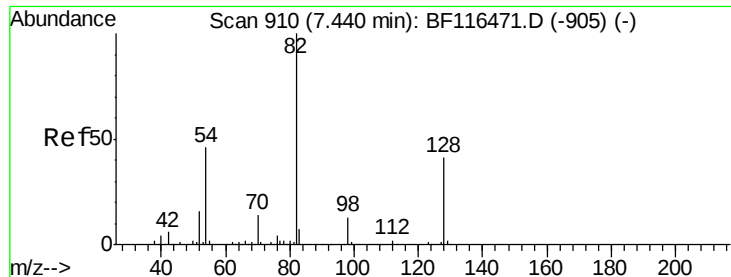
Abundance Ion 105.00 (104.70 to 105.70): E

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

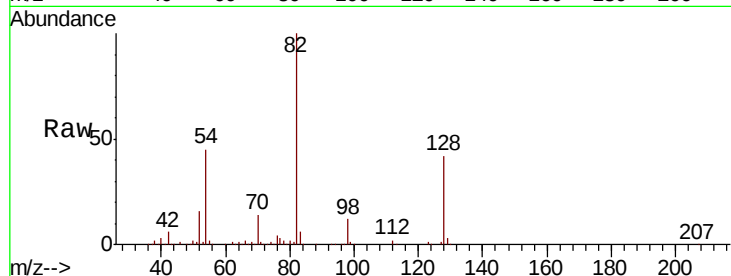




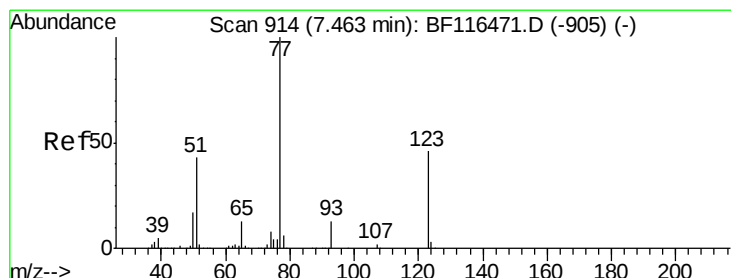
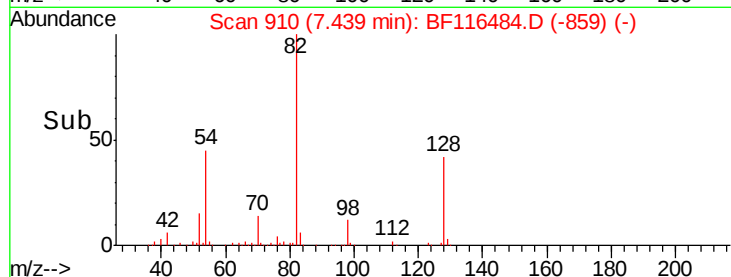
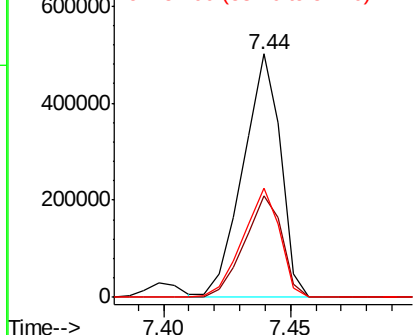
#23
 Nitrobenzene-d5
 Concen: 59.042 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion: 82 Resp: 515655
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.2 48.4
 54 44.8 36.5 54.7

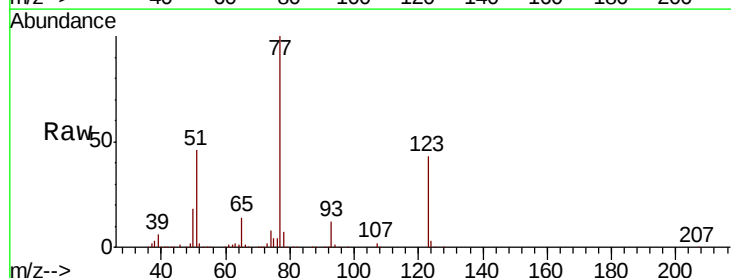


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

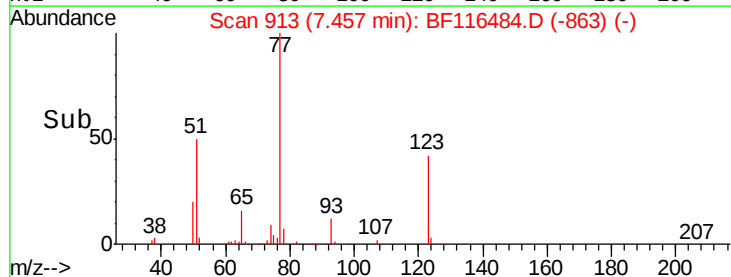
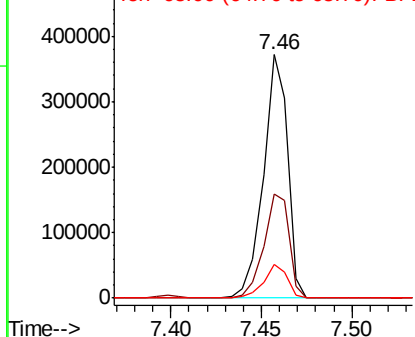


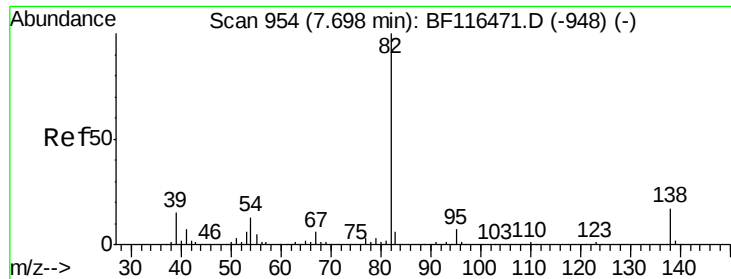
#24
 Nitrobenzene
 Concen: 38.018 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion: 77 Resp: 343863
 Ion Ratio Lower Upper
 77 100
 123 42.8 37.0 55.4
 65 13.6 10.5 15.7



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





#25

Isophorone

Concen: 35.911 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

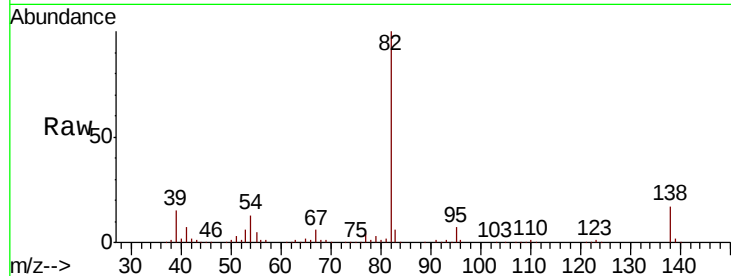
Tgt Ion: 82 Resp: 618079

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

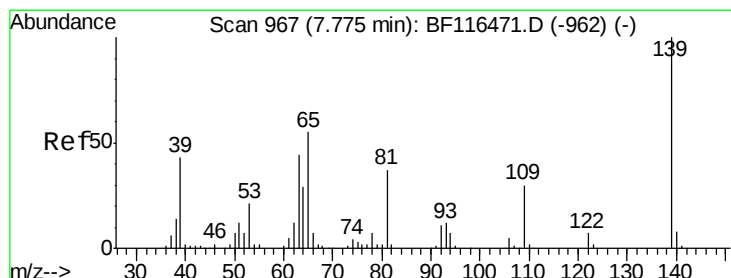
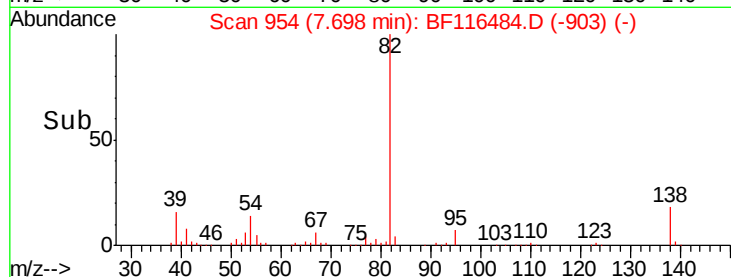
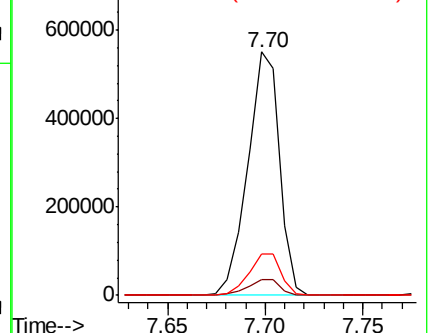
138 16.8 13.3 19.9



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: 45.240 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

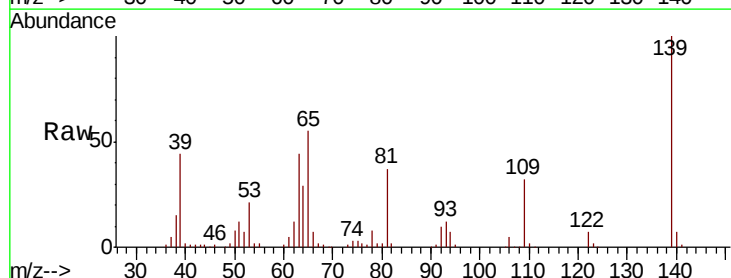
Tgt Ion: 139 Resp: 149461

Ion Ratio Lower Upper

139 100

109 31.7 24.3 36.5

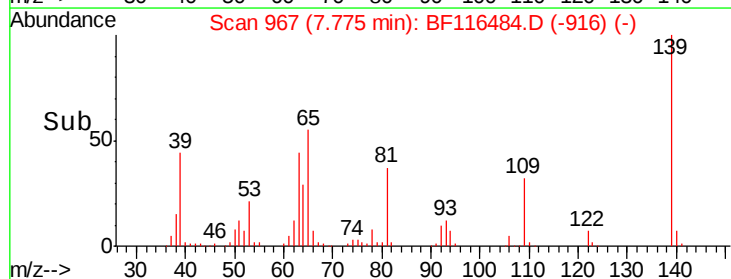
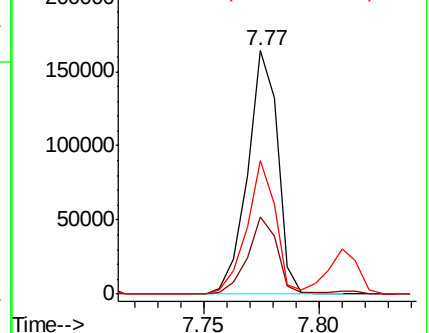
65 55.0 44.0 66.0

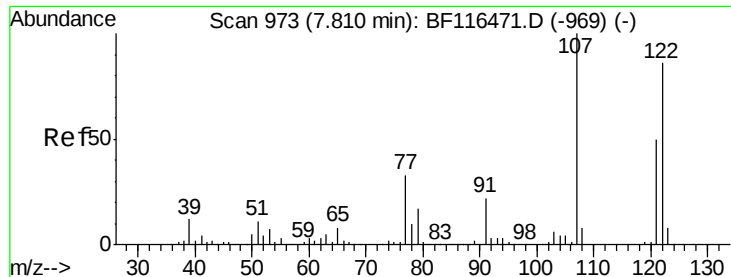


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

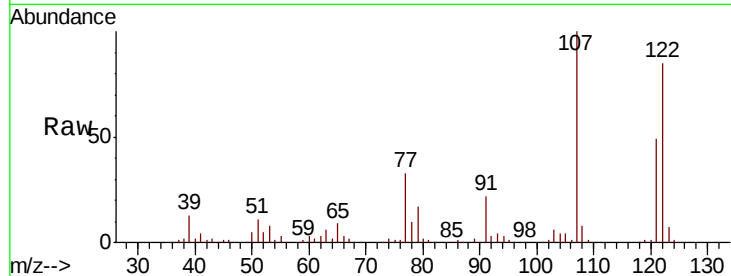




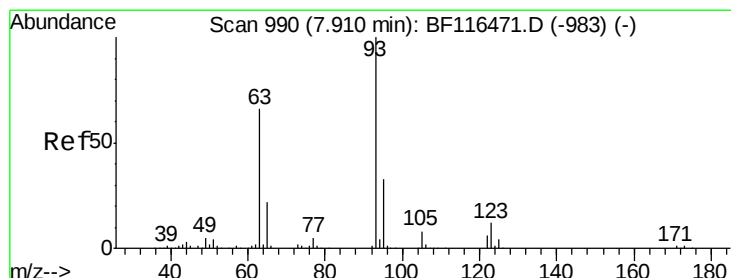
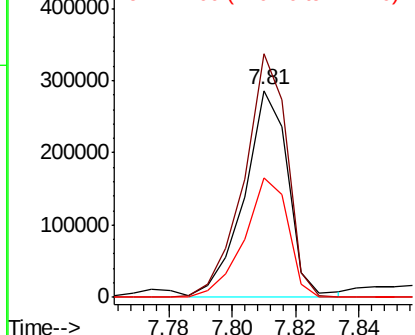
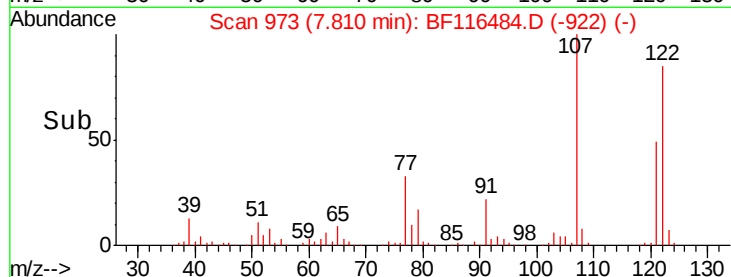
#27
 2,4-Dimethylphenol
 Concen: 40.032 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion: 122 Resp: 275957
 Ion Ratio Lower Upper
 122 100
 107 117.7 92.4 138.6
 121 58.0 46.2 69.4

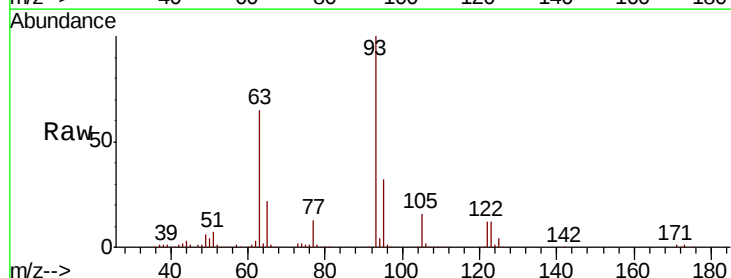


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

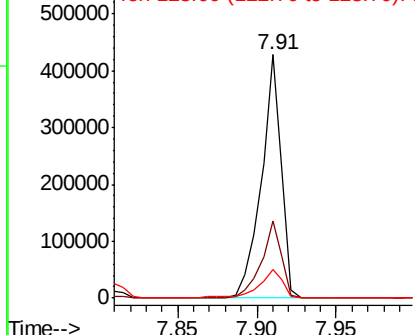
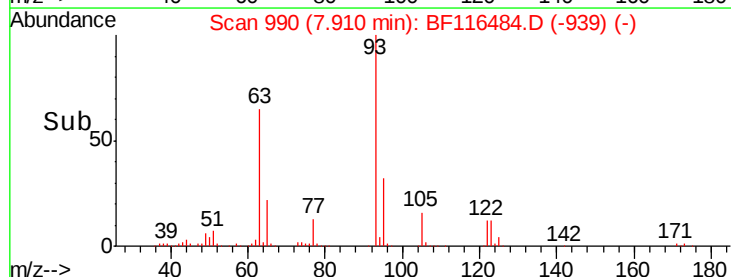


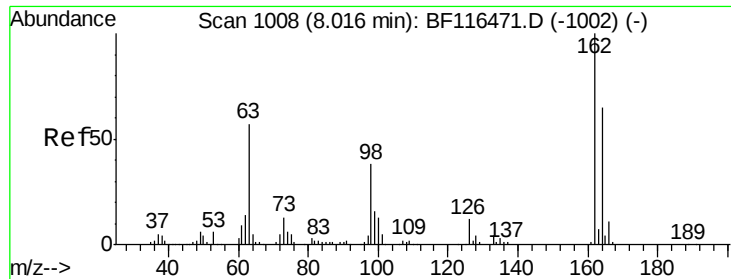
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.311 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion: 93 Resp: 375324
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.3 39.5
 123 11.9 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

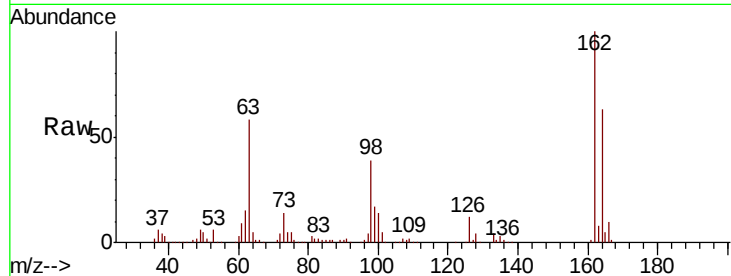




#29
 2,4-Dichlorophenol
 Concen: 38.260 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.9	84.9
98	38.6	17.9	57.9

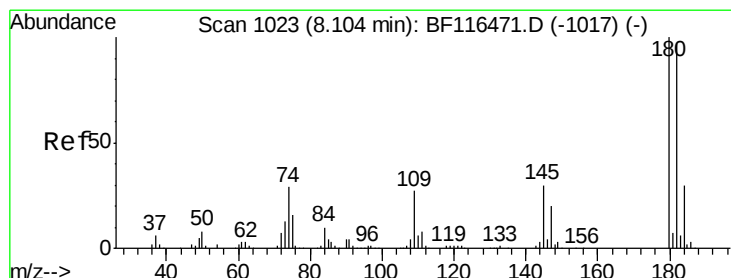
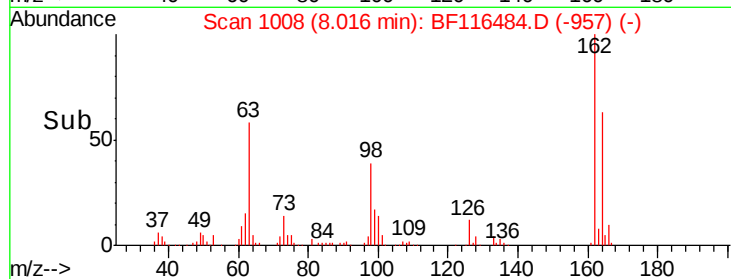
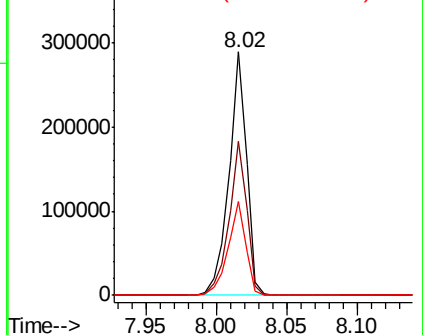


Abundance

Ion 162.00 (161.70 to 162.70): E

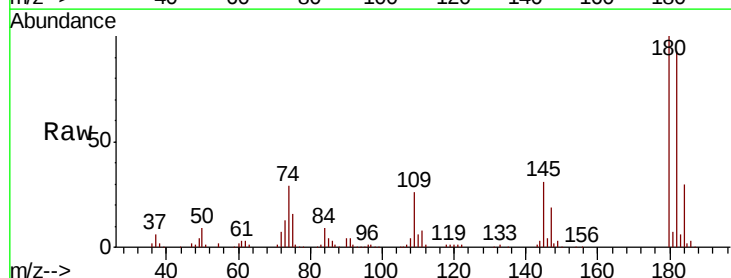
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.976 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.4	116.0
145	30.6	24.3	36.5

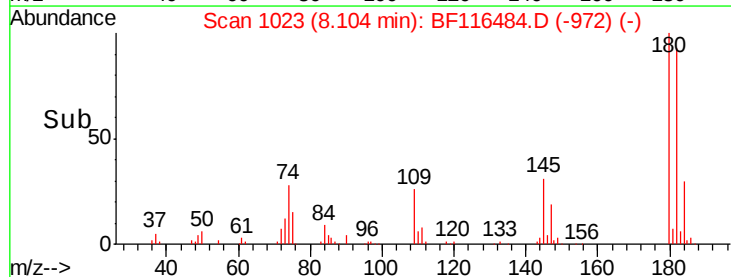
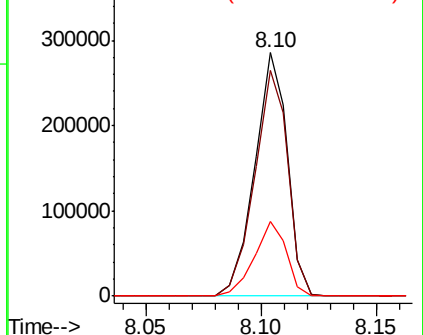


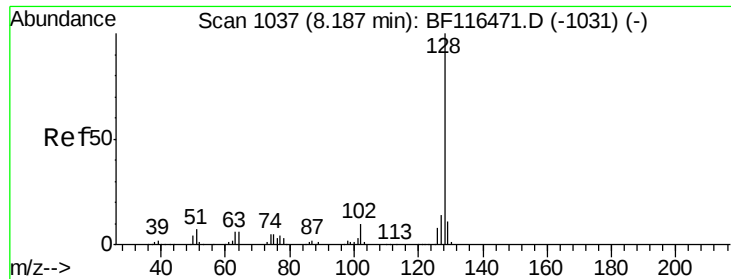
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

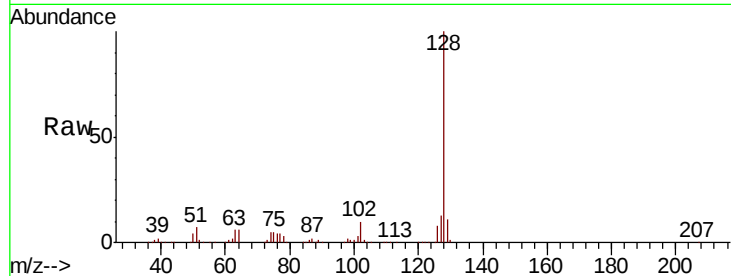




#31
Naphthalene
Concen: 38.912 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.9	16.3

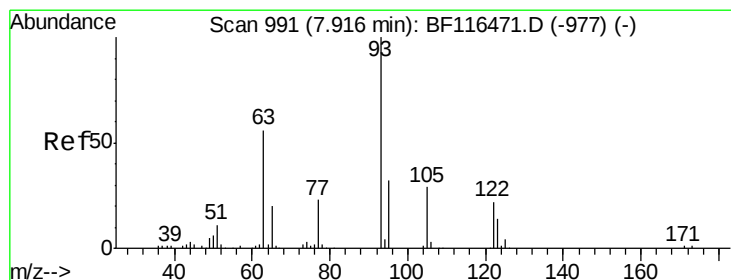
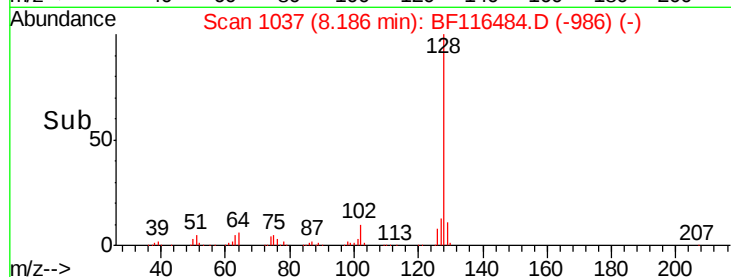
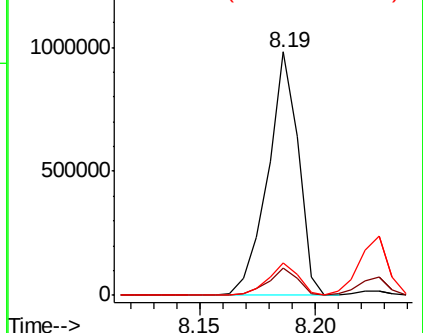


Abundance

Ion 128.00 (127.70 to 128.70): E

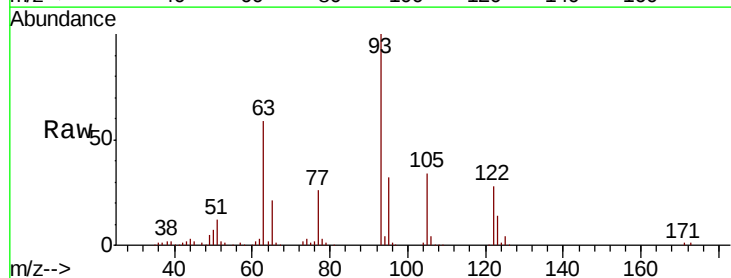
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.291 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	109.9	149.9
77	95.1	84.9	124.9

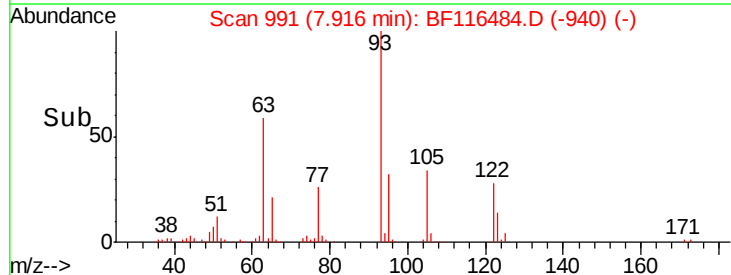
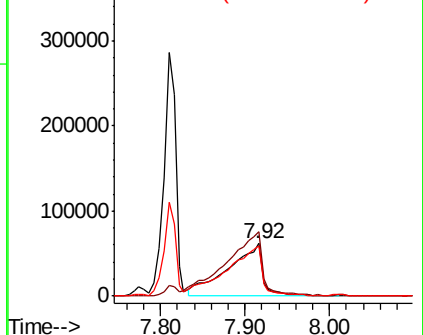


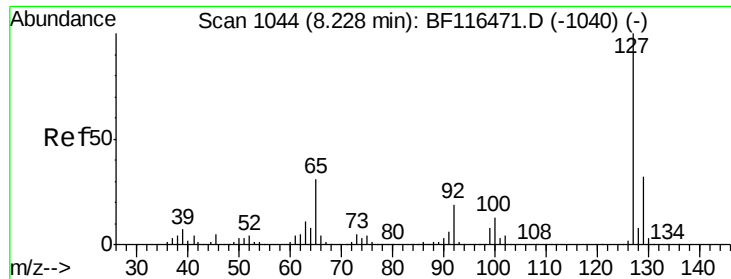
Abundance

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

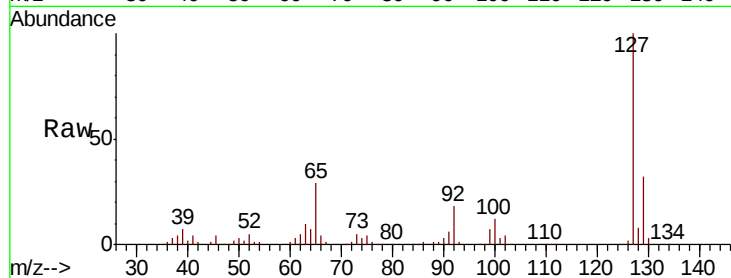




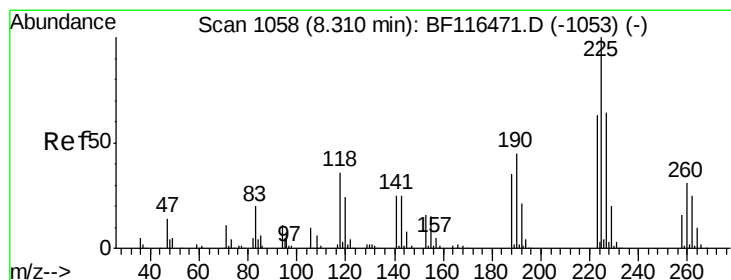
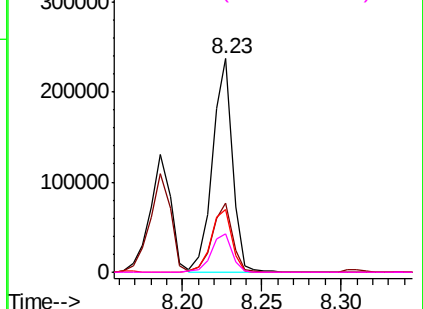
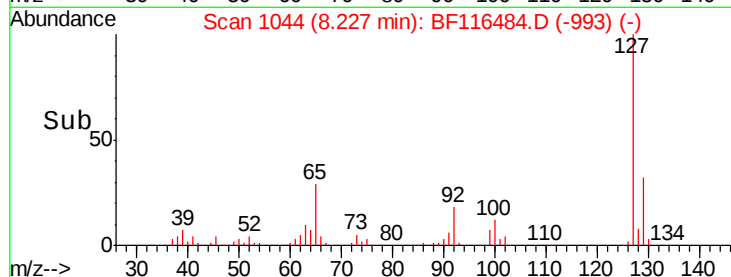
#33
 4-Chloroaniline
 Concen: 20.322 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:	127	Resp:	206221
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	29.1	25.0	37.6
92	18.1	15.0	22.6

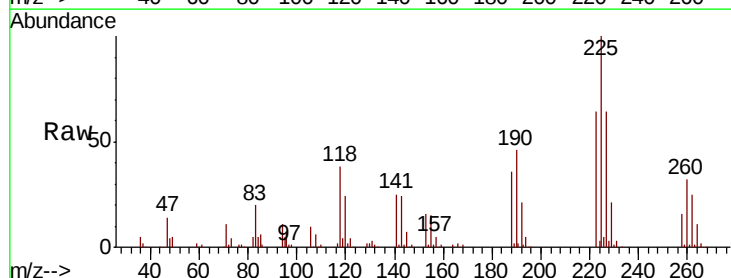


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

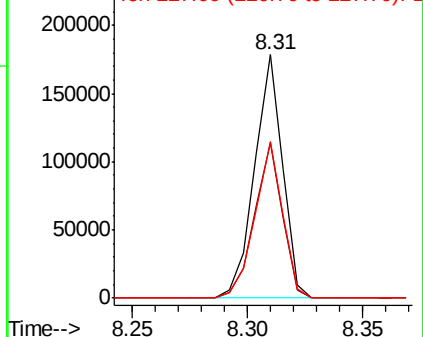
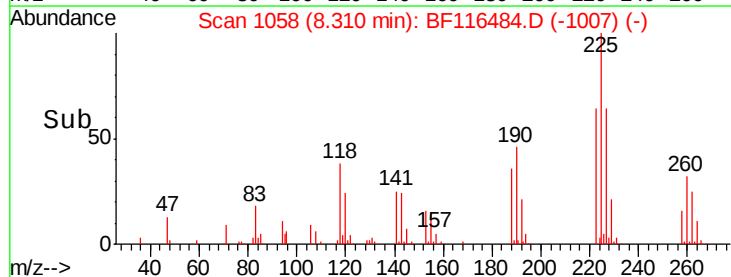


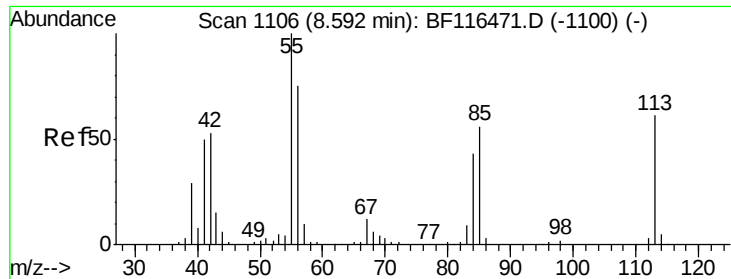
#34
 Hexachlorobutadiene
 Concen: 37.689 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:	225	Resp:	151696
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	64.4	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

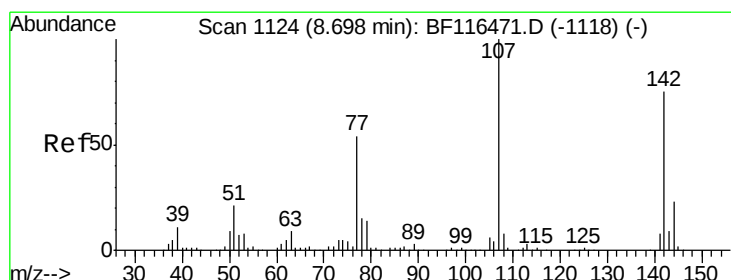
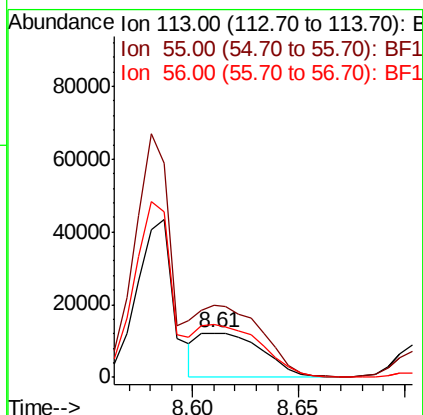
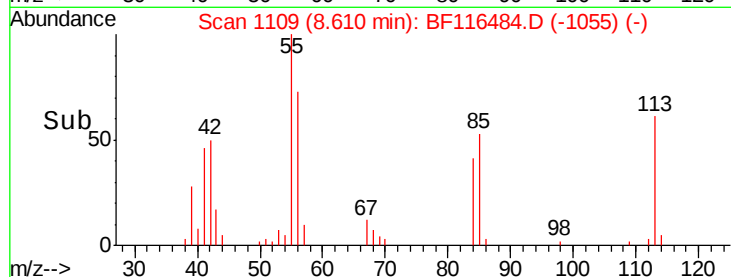
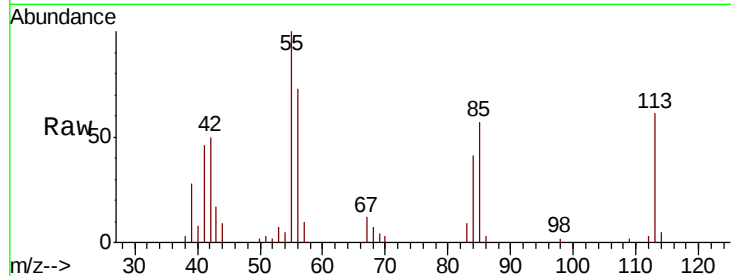




#35
 Caprolactam
 Concen: 11.239 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

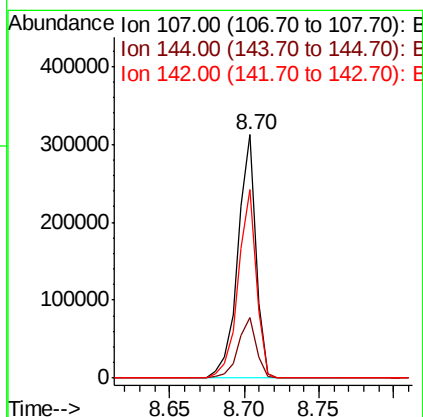
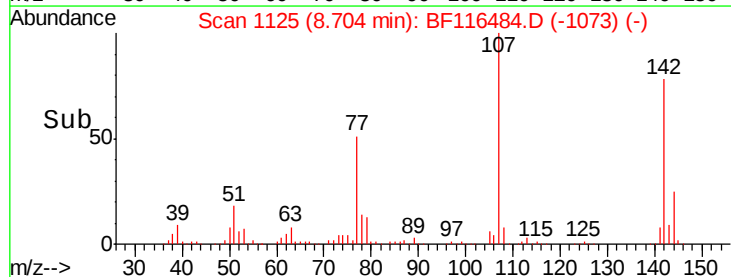
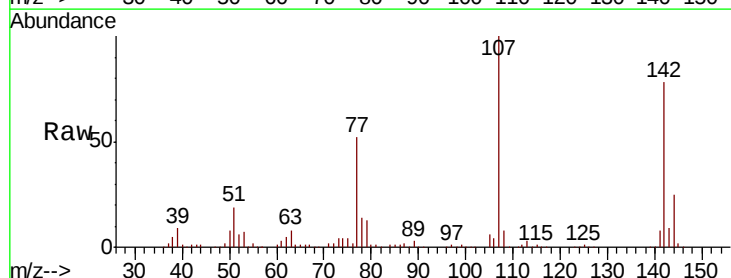
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

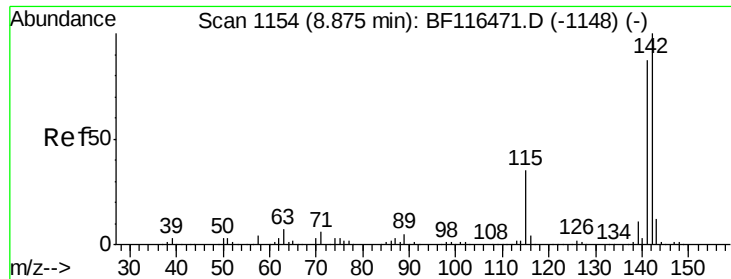
Tgt Ion:113 Resp: 25665
 Ion Ratio Lower Upper
 113 100
 55 162.7 143.6 183.6
 56 119.4 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 36.105 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:107 Resp: 267061
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.8 28.2
 142 77.7 59.8 89.6

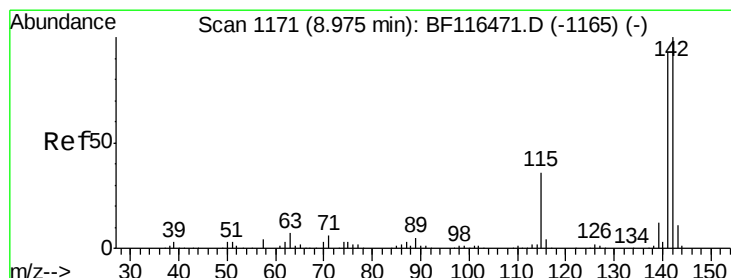
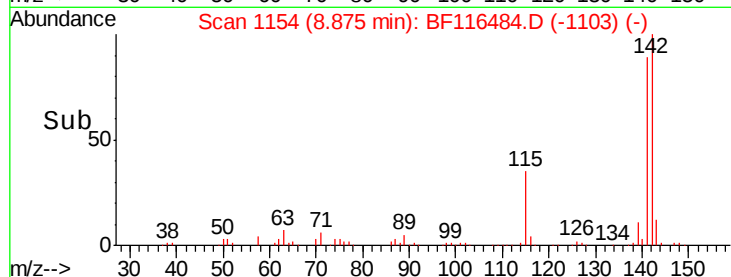
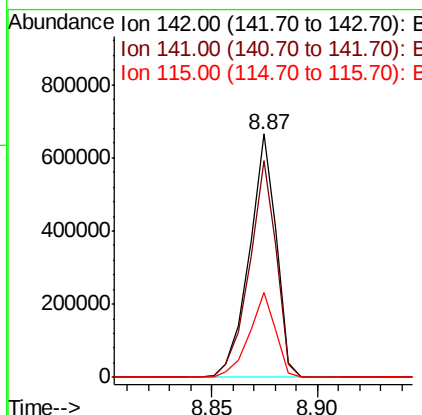
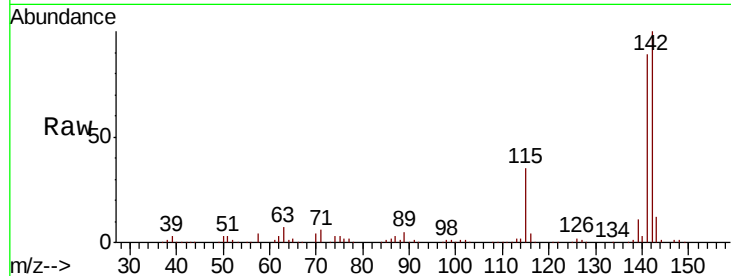




#37
 2-Methylnaphthalene
 Concen: 37.218 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

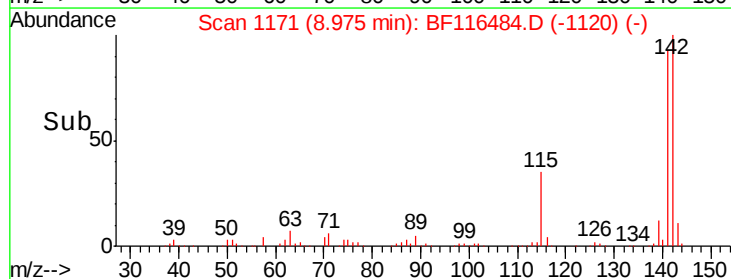
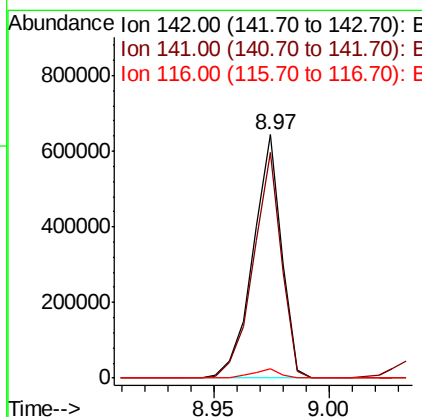
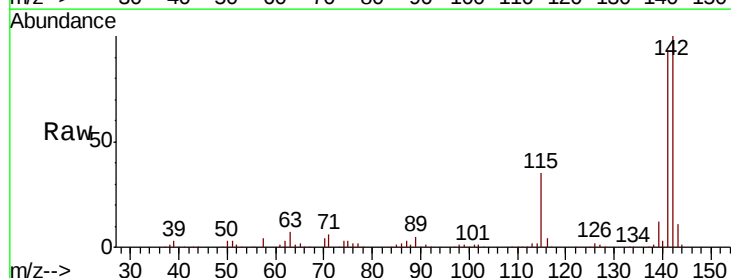
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

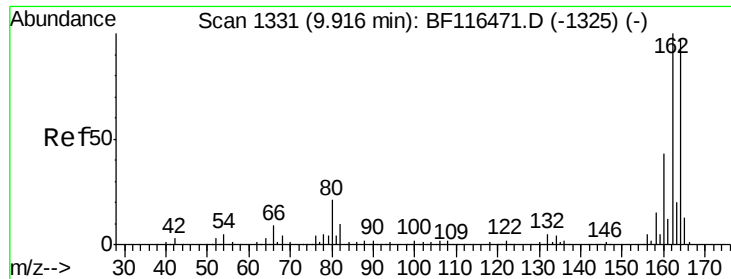
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.6
115	35.1	27.7	41.5



#38
 1-Methylnaphthalene
 Concen: 37.280 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.2
116	3.7	2.9	4.3

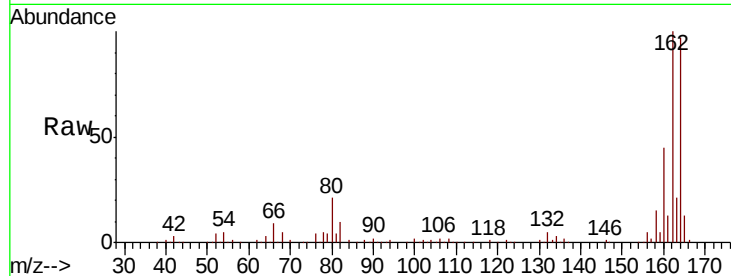




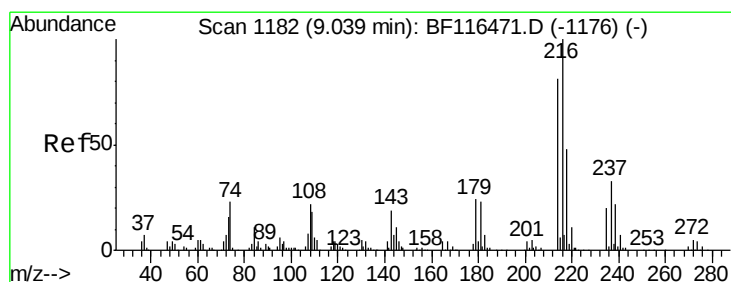
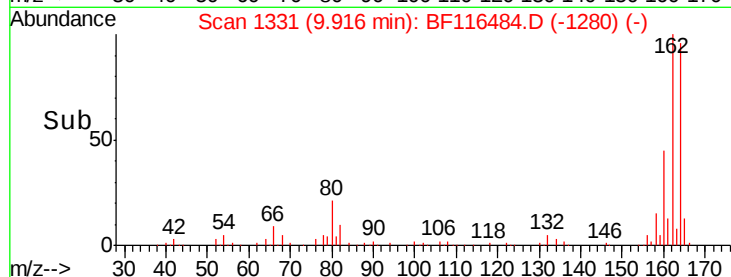
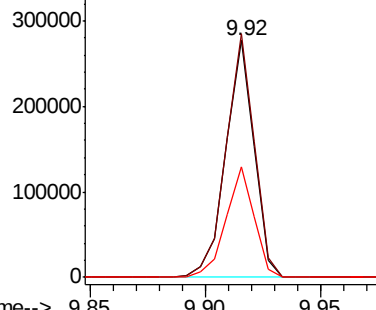
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:164 Resp: 238018
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 46.4 35.8 53.8

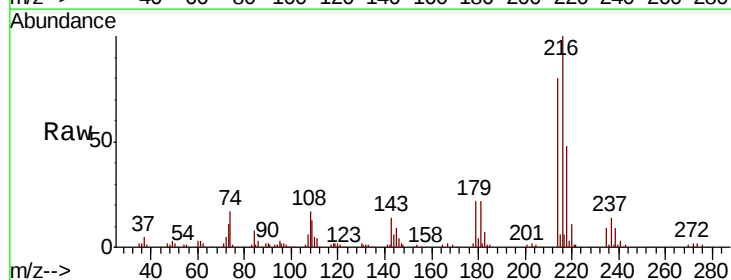


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

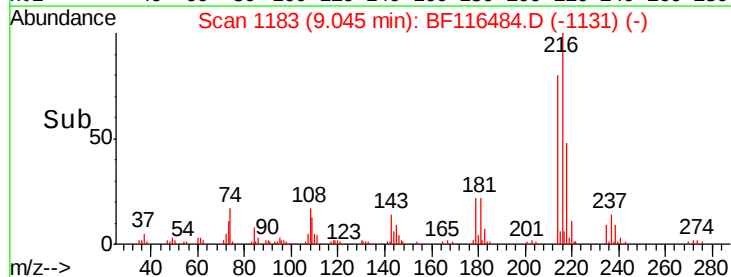
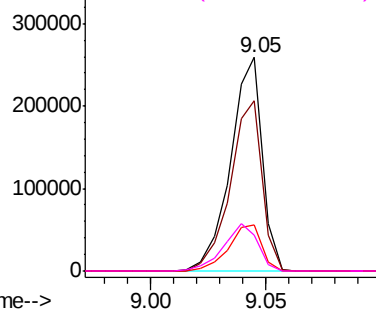


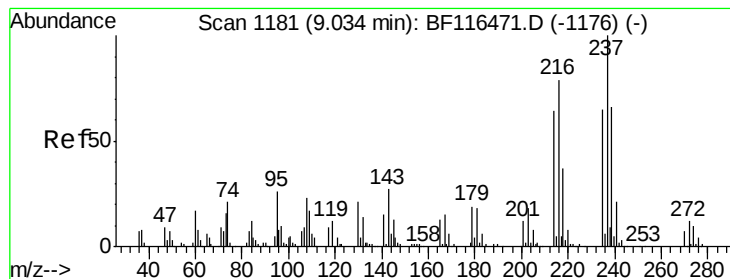
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.733 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:216 Resp: 248037
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.8
179 22.5 18.5 27.7
108 23.6 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: 83.825 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

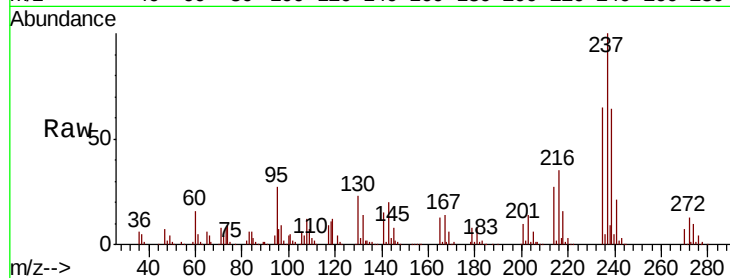
Tgt Ion:237 Resp: 288811

Ion Ratio Lower Upper

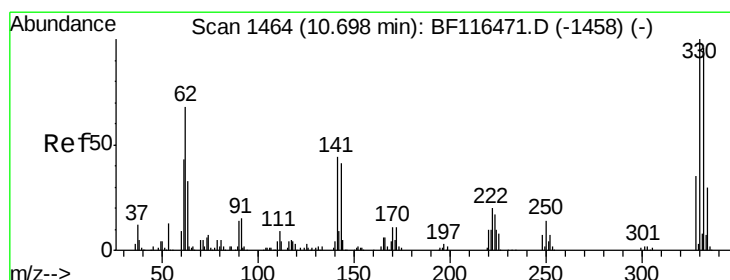
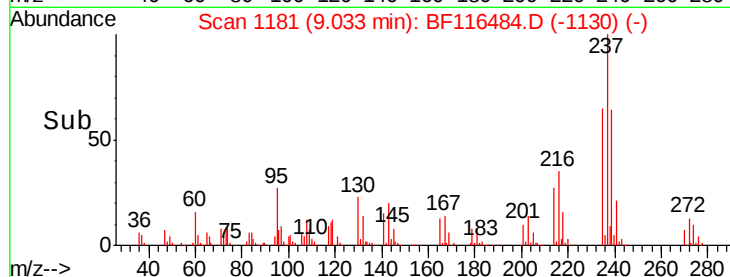
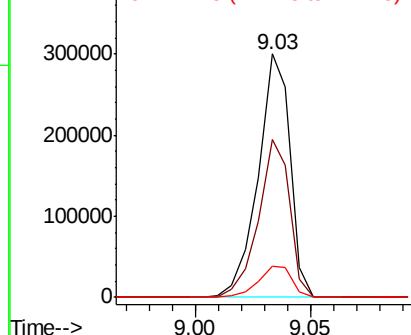
237 100

235 64.7 44.8 84.8

272 12.8 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: 100.791 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

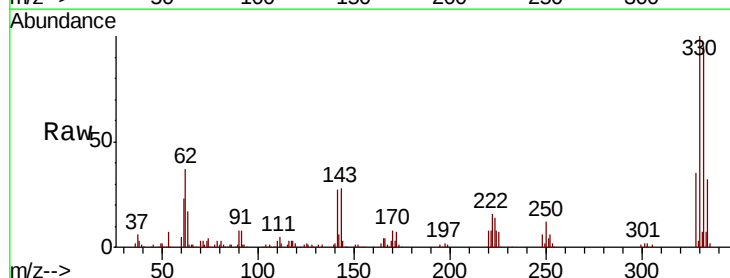
Tgt Ion:330 Resp: 205997

Ion Ratio Lower Upper

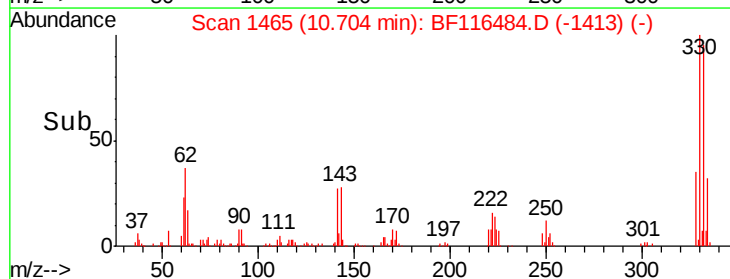
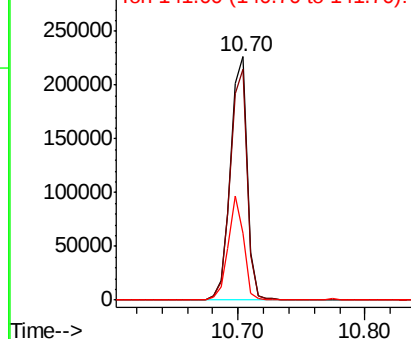
330 100

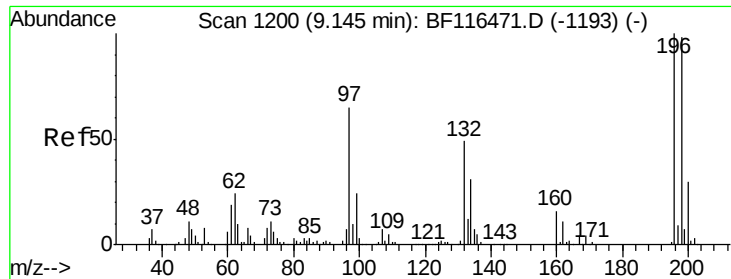
332 95.9 77.2 115.8

141 39.7 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

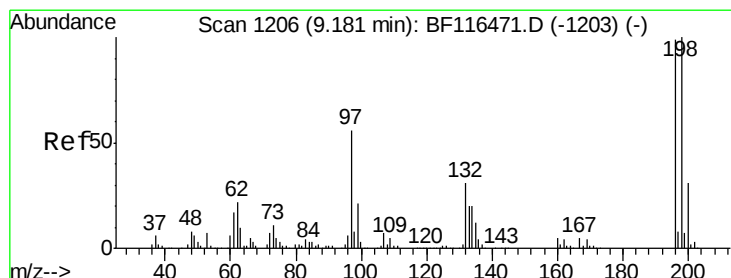
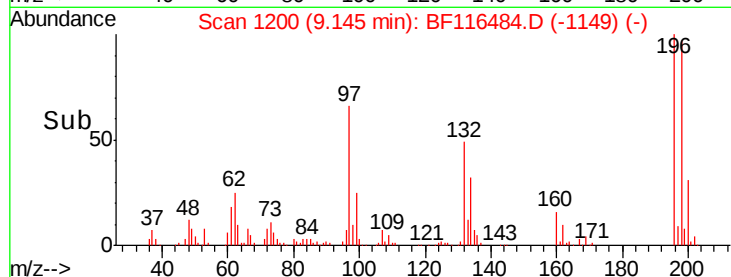
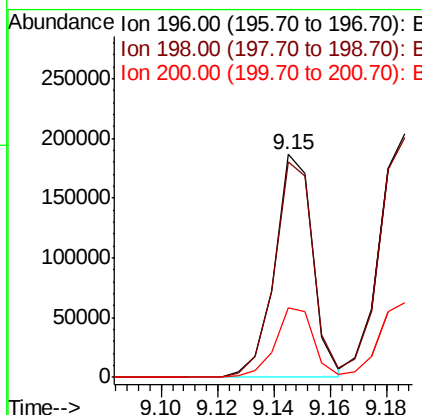
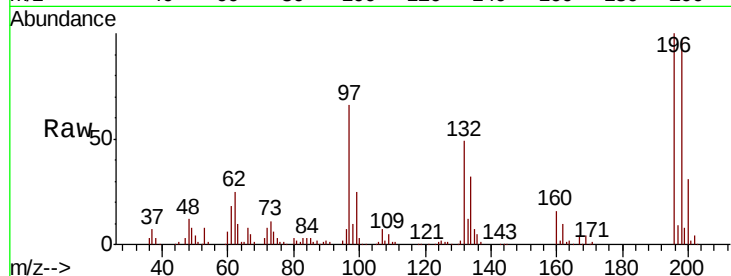




#43
 2,4,6-Trichlorophenol
 Concen: 38.780 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

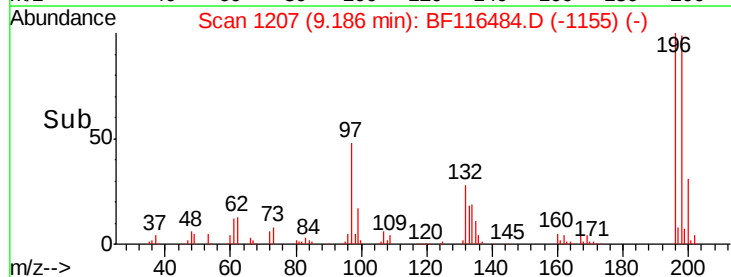
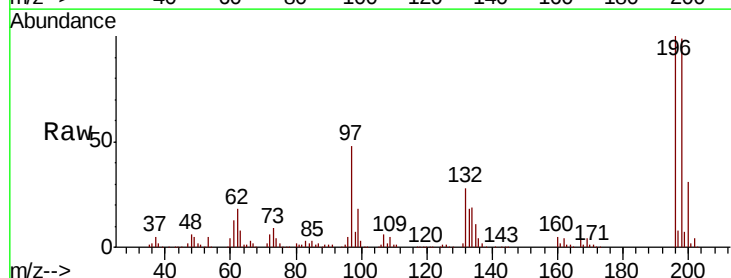
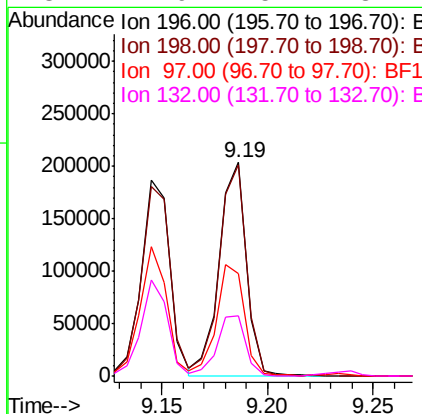
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

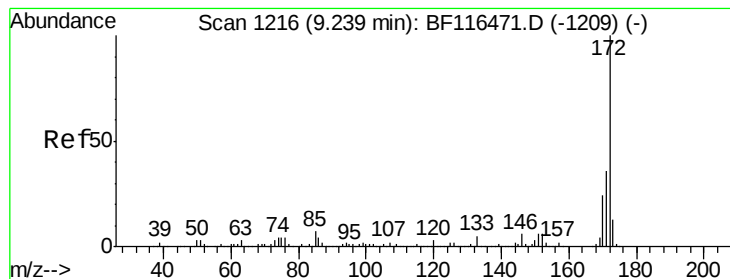
Tgt Ion:196 Resp: 173803
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.0 117.0
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.709 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:196 Resp: 181083
 Ion Ratio Lower Upper
 196 100
 198 98.6 80.8 121.2
 97 47.9 45.7 68.5
 132 27.9 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 62.781 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

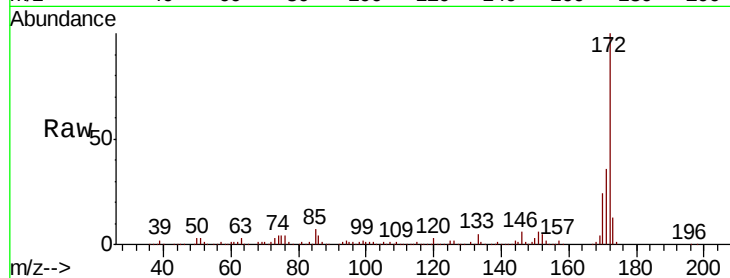
Tgt Ion:172 Resp: 927909

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

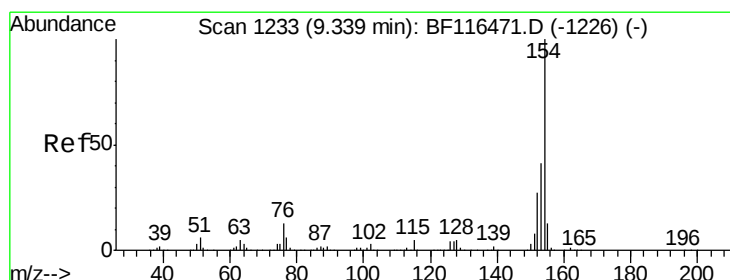
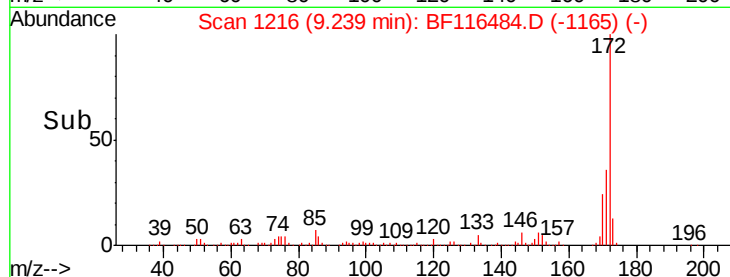
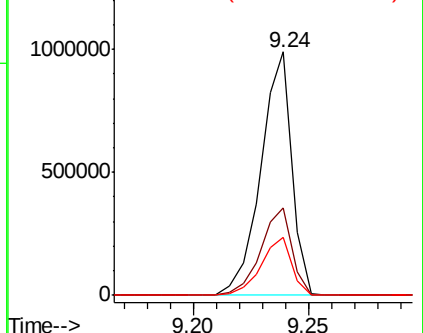
170 23.7 19.4 29.0



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: 37.842 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

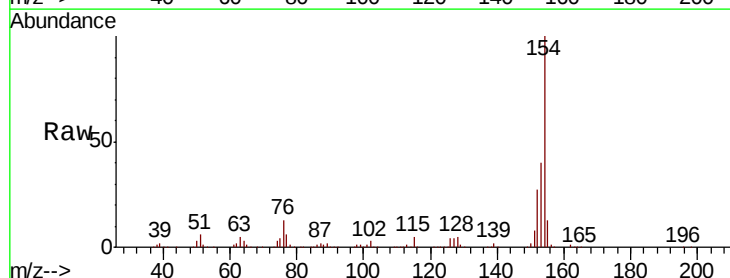
Tgt Ion:154 Resp: 720124

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

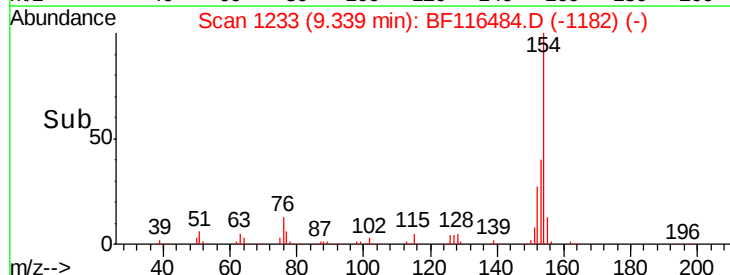
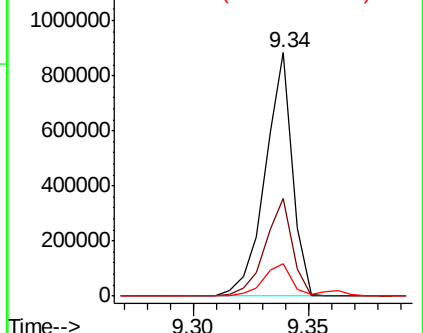
76 13.1 0.0 32.9

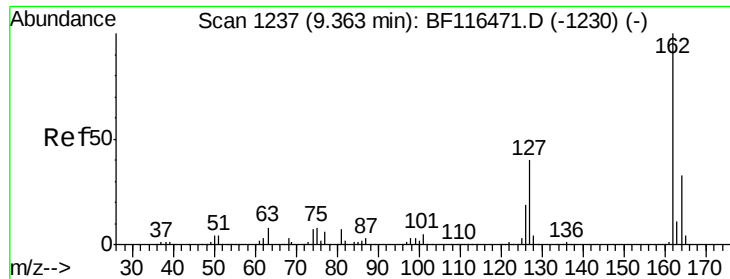


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

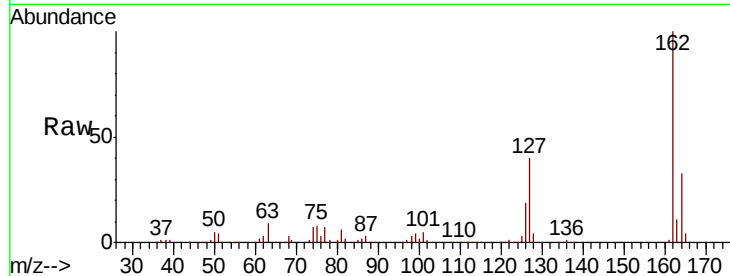




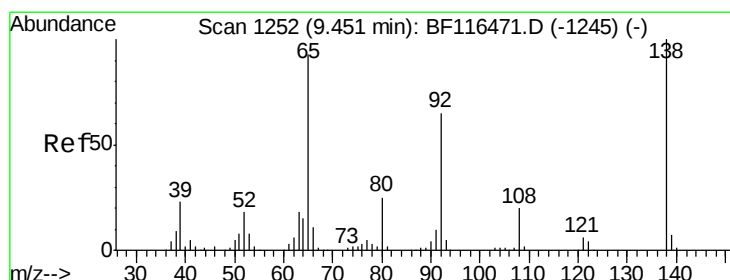
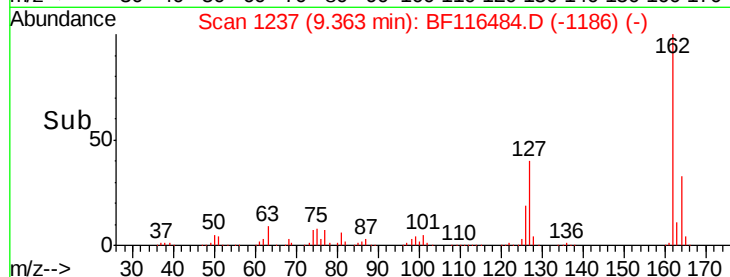
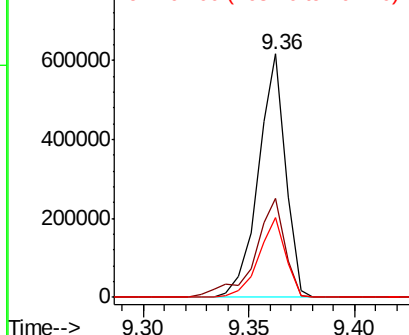
#47
2-Chloronaphthalene
Concen: 37.345 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.5	48.7
164	32.8	26.7	40.1

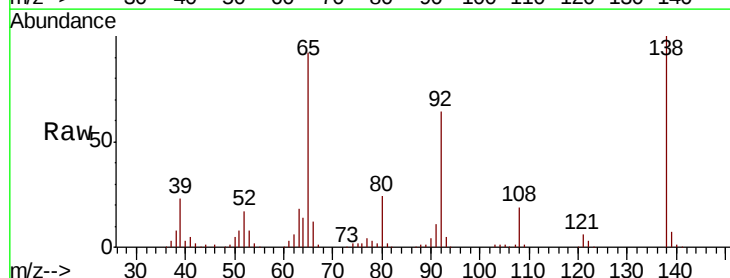


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

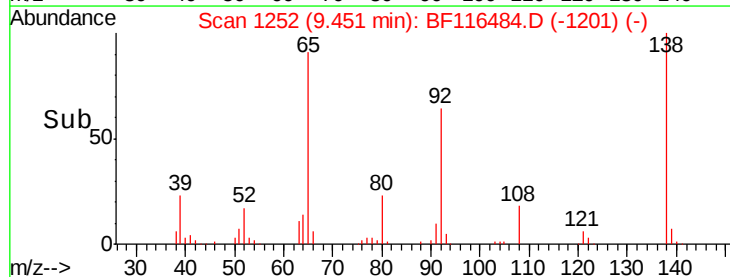
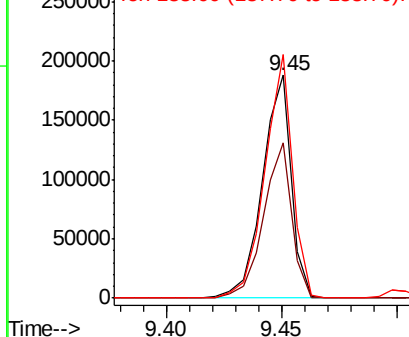


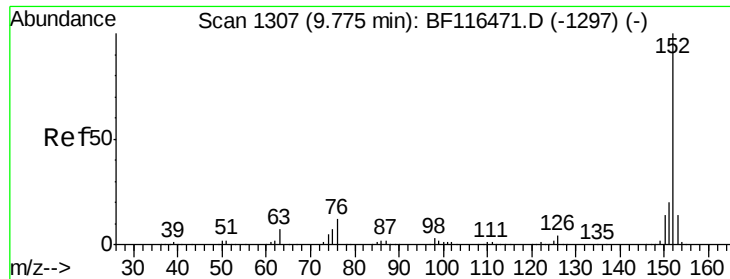
#48
2-Nitroaniline
Concen: 36.074 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.2	84.2
138	109.2	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: 39.541 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

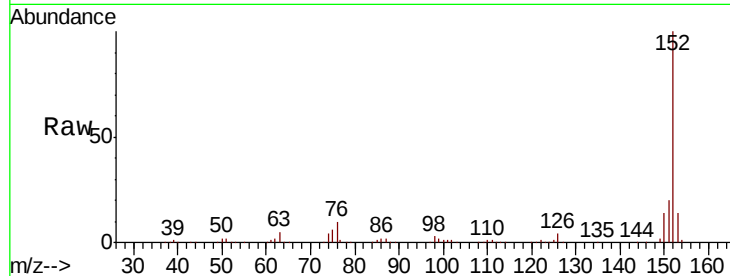
Tgt Ion:152 Resp: 853480

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

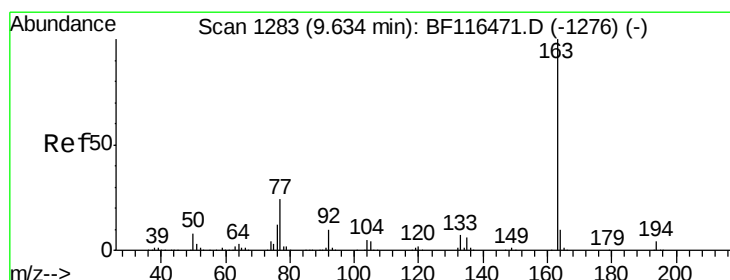
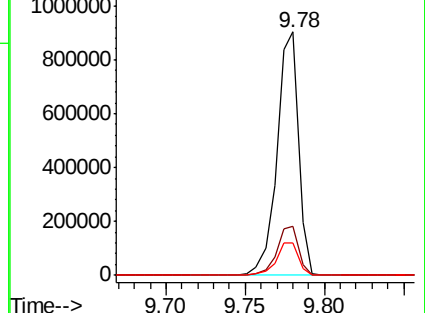
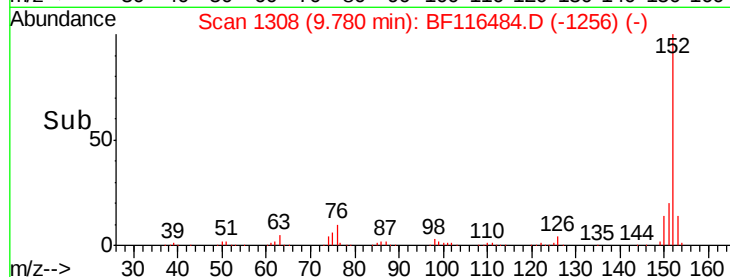
153 13.5 11.4 17.0



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: 37.437 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

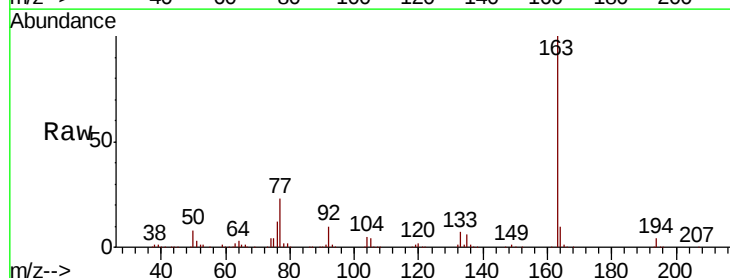
Tgt Ion:163 Resp: 621699

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

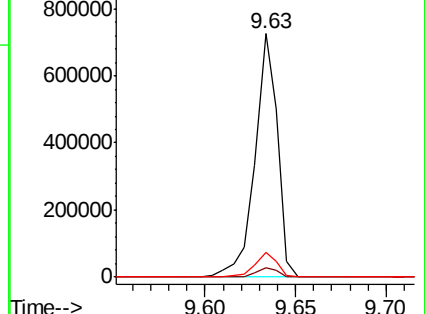
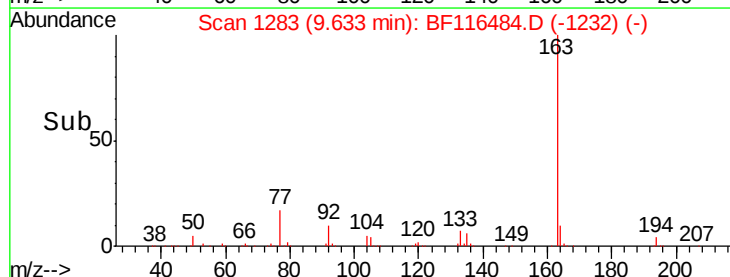
164 9.9 8.2 12.2

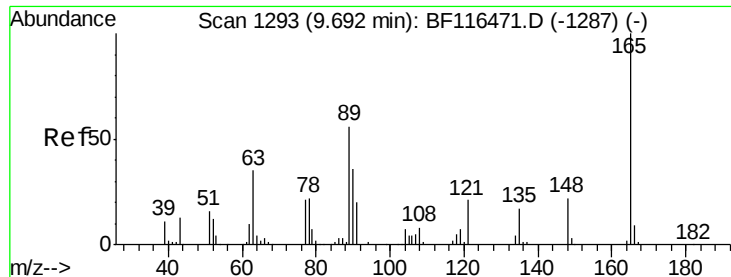


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

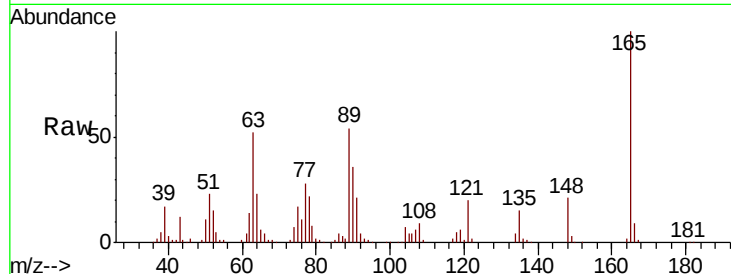




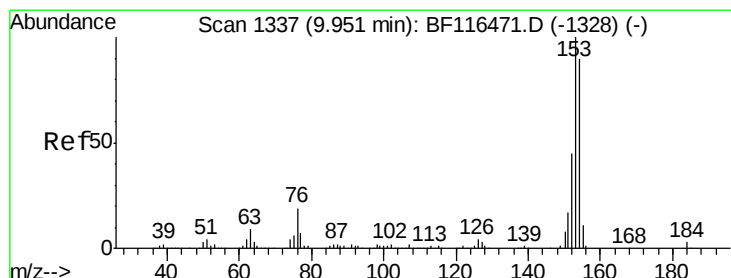
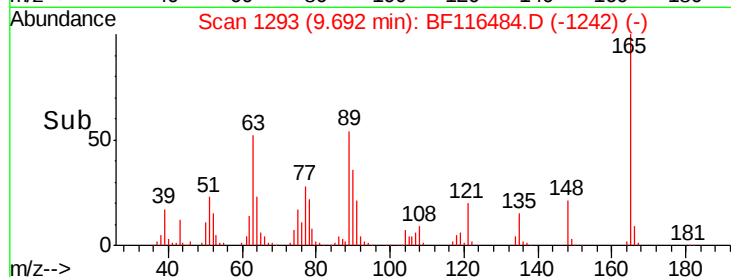
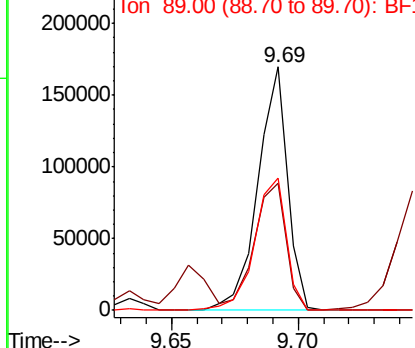
#51
 2,6-Dinitrotoluene
 Concen: 41.035 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:165 Resp: 139484
 Ion Ratio Lower Upper
 165 100
 63 52.0 43.7 65.5
 89 54.5 45.1 67.7

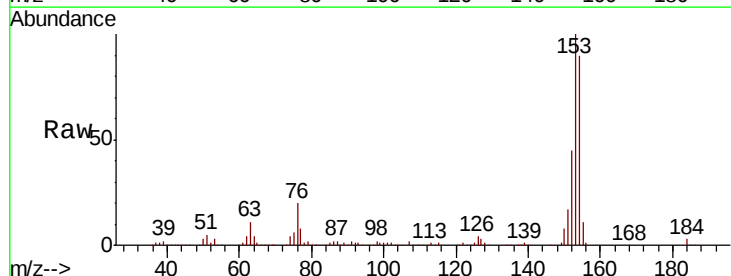


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

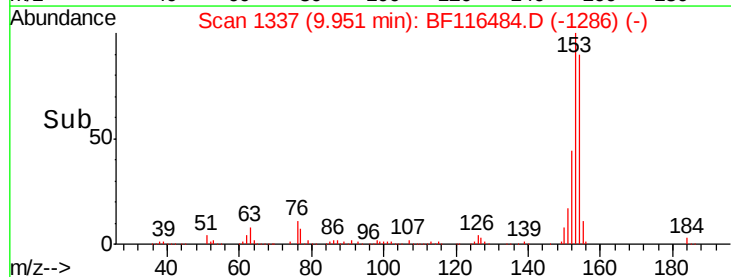
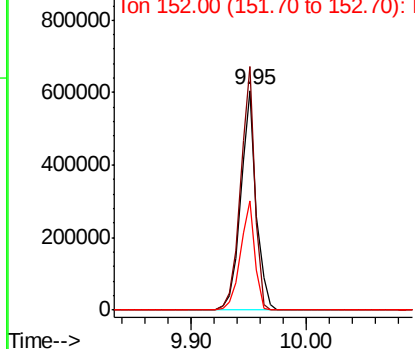


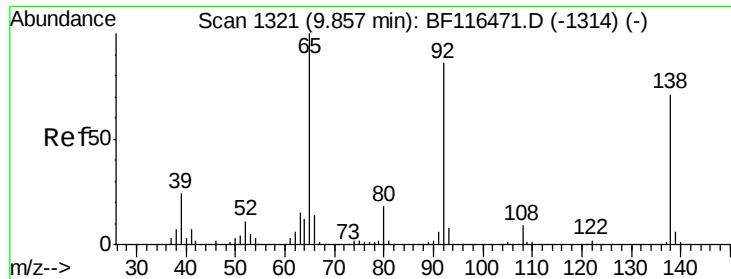
#52
 Acenaphthene
 Concen: 40.535 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:154 Resp: 561416
 Ion Ratio Lower Upper
 154 100
 153 110.9 89.3 133.9
 152 49.7 40.2 60.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

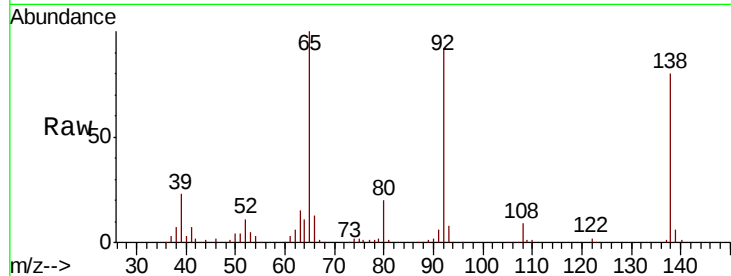




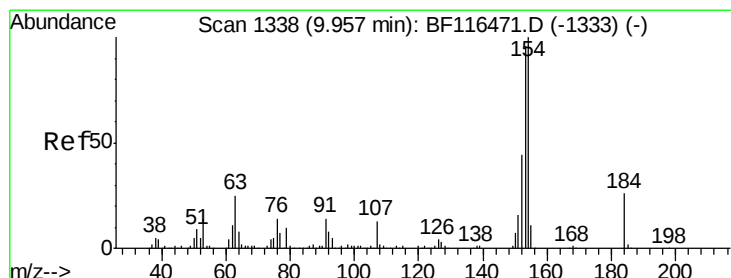
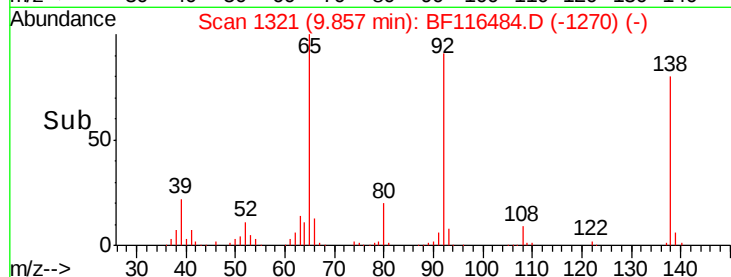
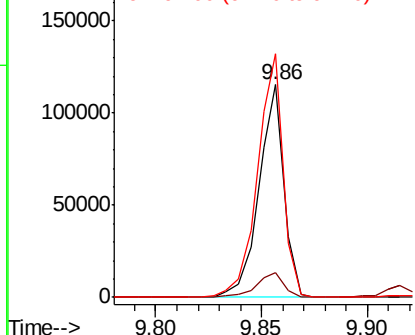
#53
 3-Nitroaniline
 Concen: 23.499 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:138 Resp: 95212
 Ion Ratio Lower Upper
 138 100
 108 11.8 10.0 15.0
 92 114.5 97.7 146.5

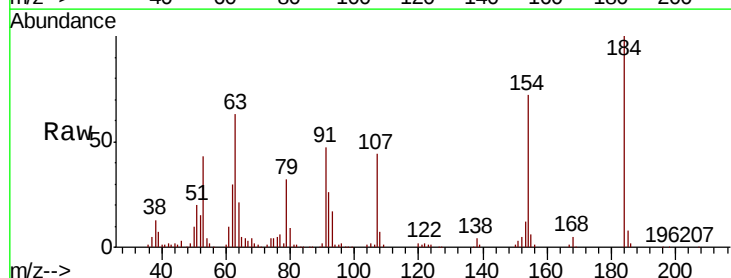


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

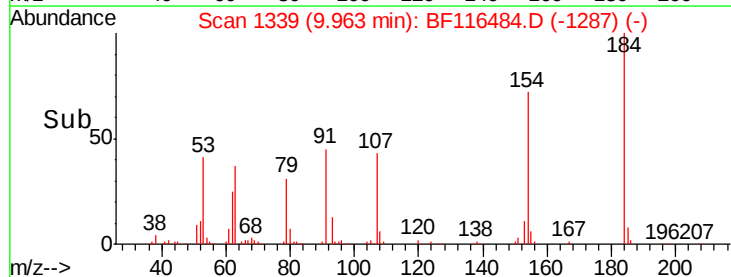
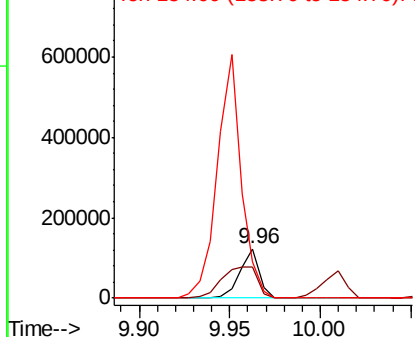


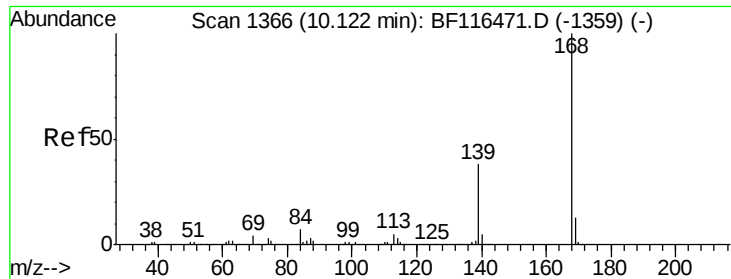
#54
 2,4-Dinitrophenol
 Concen: 70.613 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:184 Resp: 92511
 Ion Ratio Lower Upper
 184 100
 63 62.8 78.2 117.4#
 154 71.9 320.4 480.6#



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

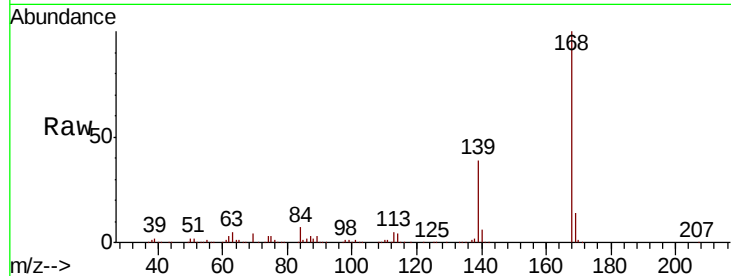




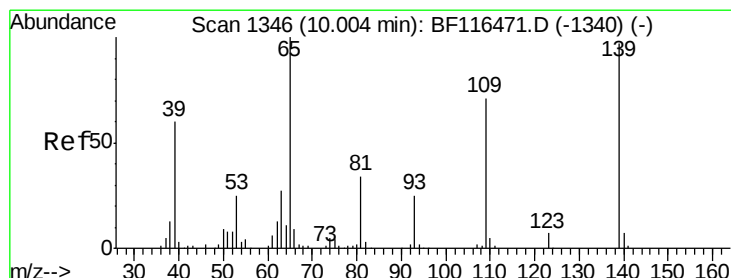
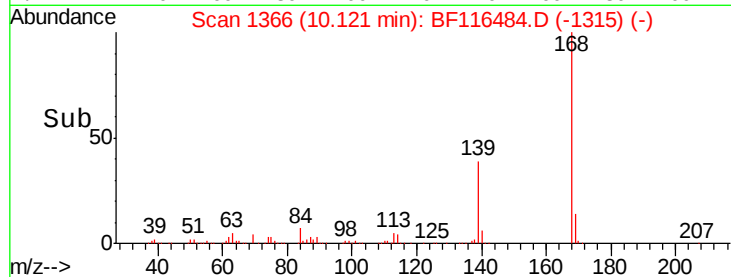
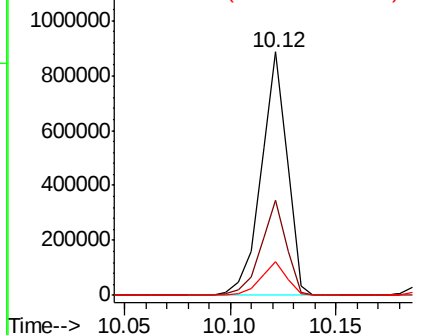
#55
 Dibenzofuran
 Concen: 39.232 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:168 Resp: 757440
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.7 46.1
 169 13.6 10.7 16.1

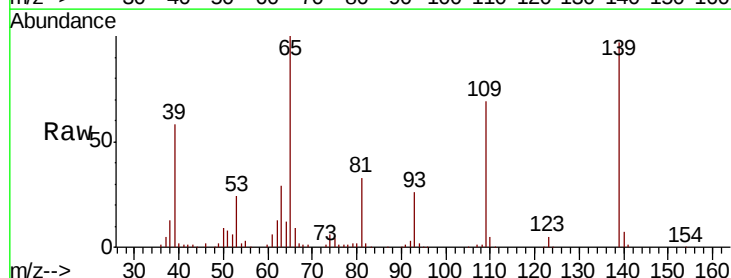


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

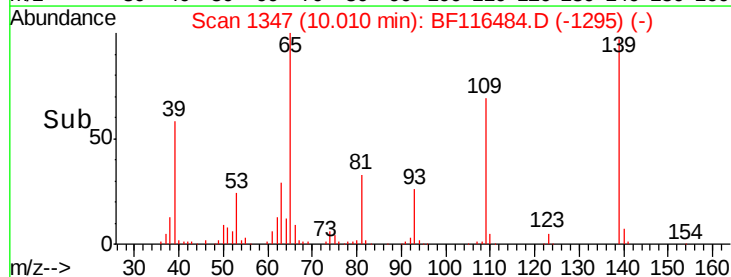
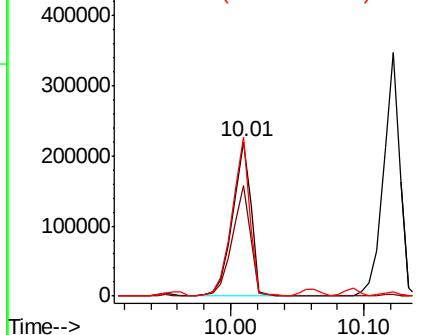


#56
 4-Nitrophenol
 Concen: 69.006 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:139 Resp: 217319
 Ion Ratio Lower Upper
 139 100
 109 71.7 53.4 93.4
 65 103.3 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

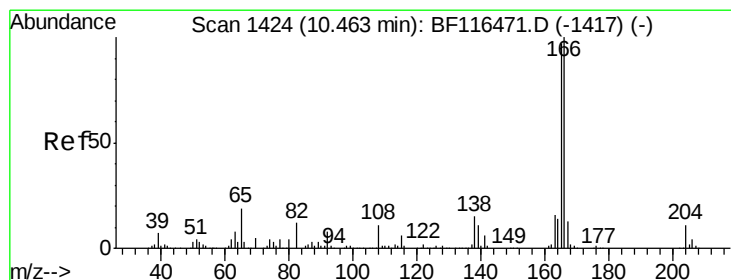
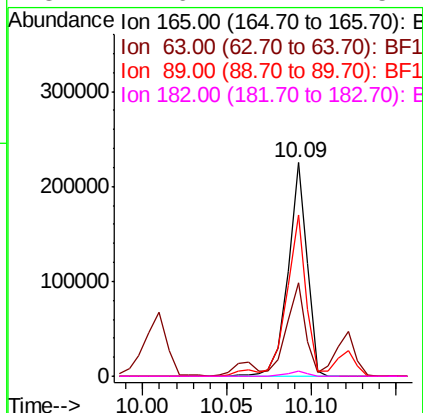
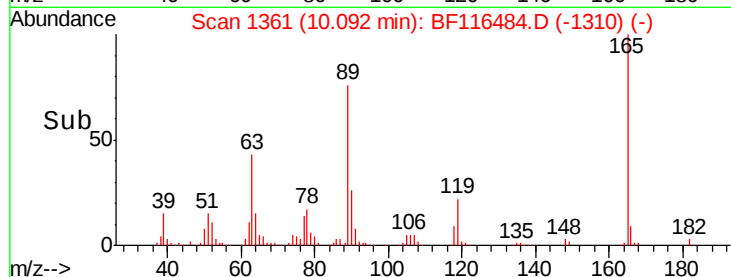
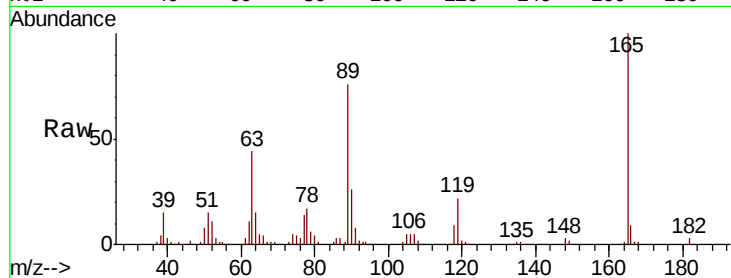




#57
2,4-Dinitrotoluene
Concen: 41.185 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

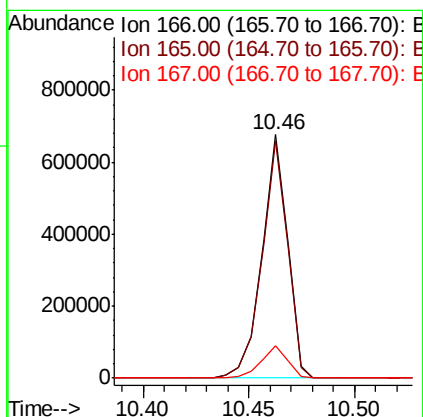
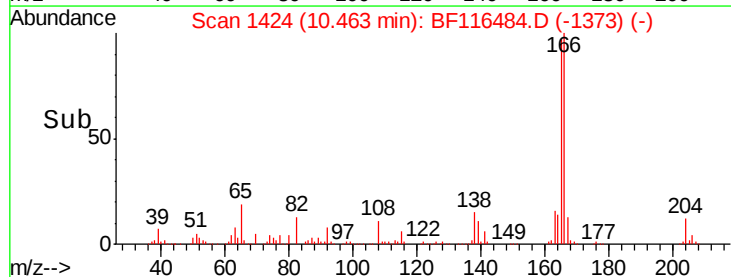
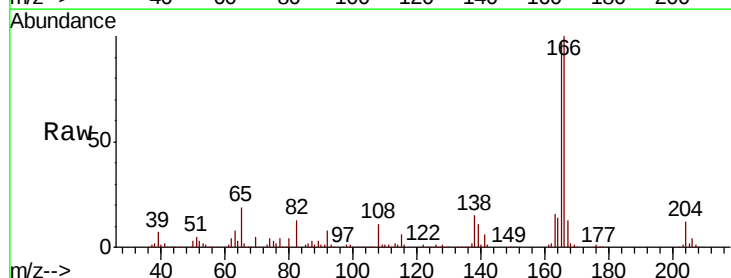
Instrument :
BNA_F
ClientSampleId :
PB122393BS

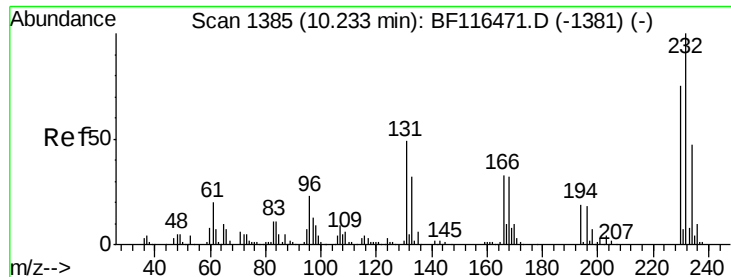
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	36.9	55.3
89	75.6	63.4	95.0
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.133 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.0
167	13.4	10.8	16.2

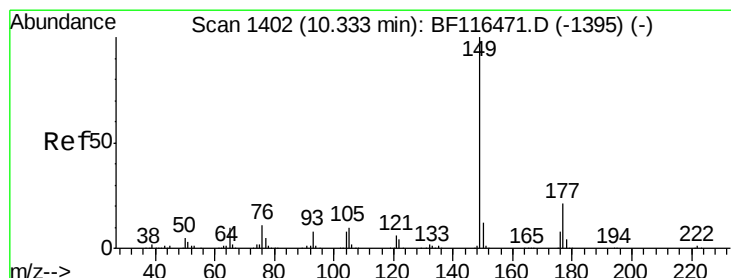
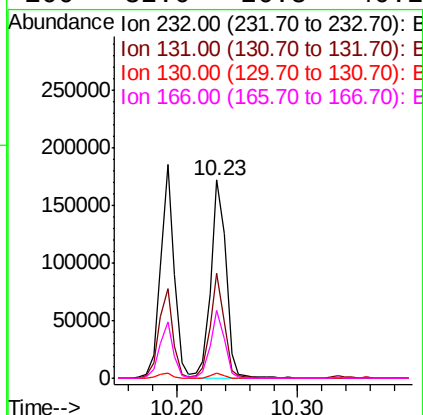
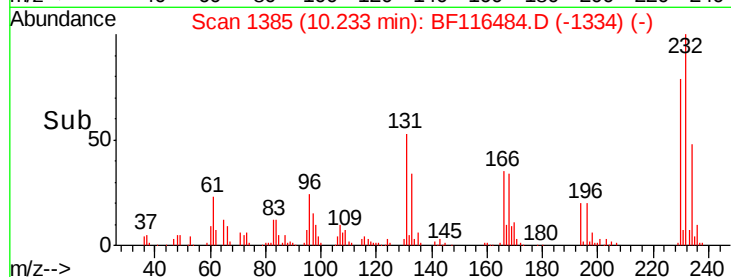
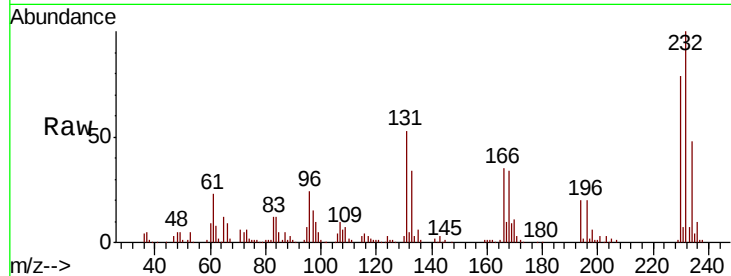




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.087 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

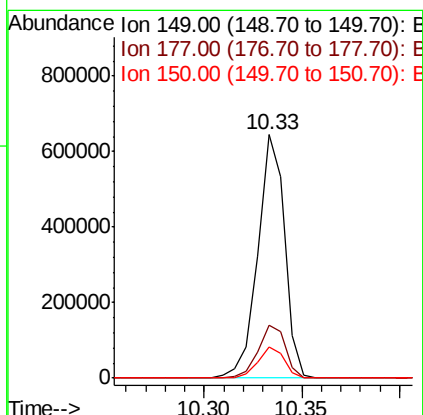
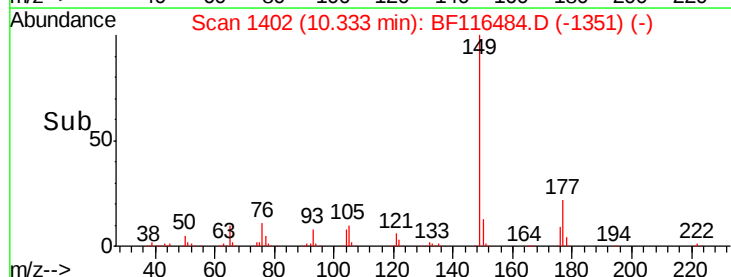
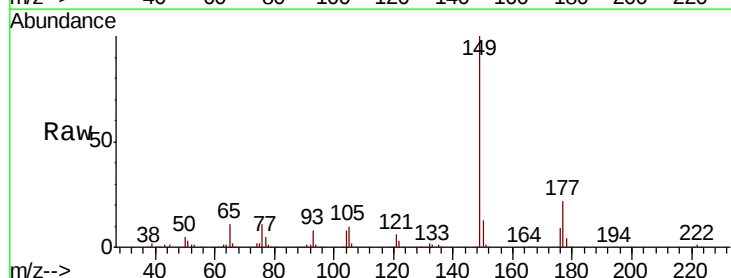
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	40.8	61.2
130	2.5	1.8	2.8
166	32.0	26.8	40.2



#60
 Diethylphthalate
 Concen: 37.600 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	9.8	14.6

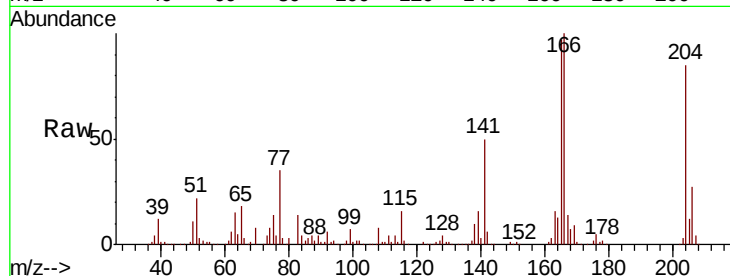




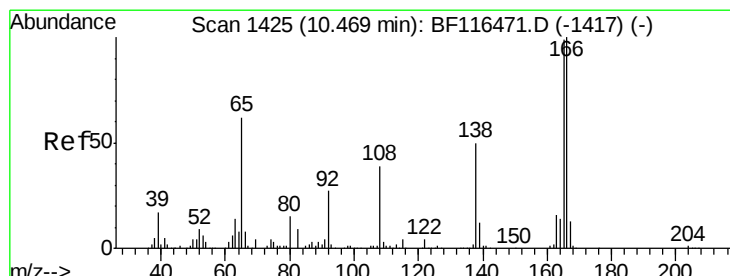
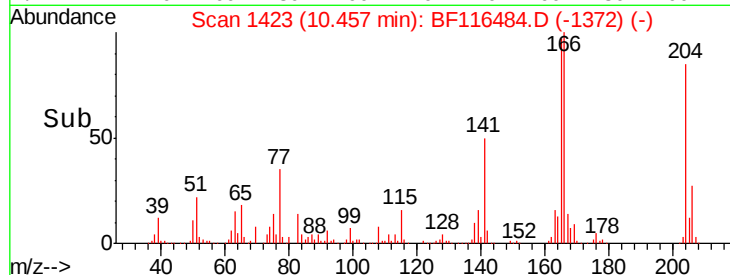
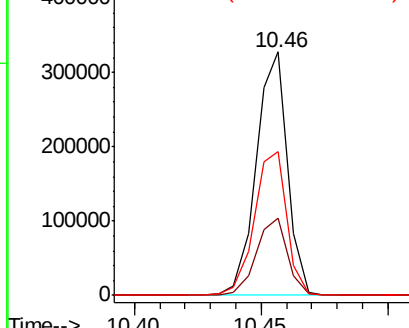
#61
 4-Chlorophenyl-phenylether
 Concen: 38.212 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:204 Resp: 279625
 Ion Ratio Lower Upper
 204 100
 206 31.9 25.9 38.9
 141 59.1 48.6 73.0

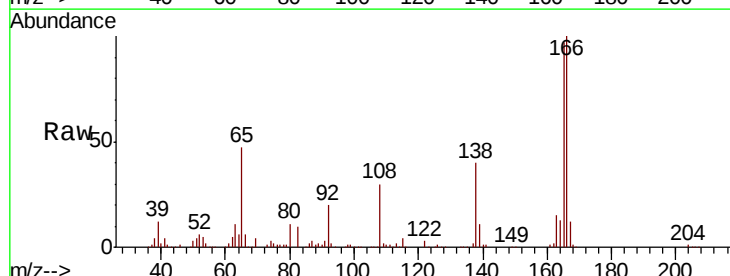


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

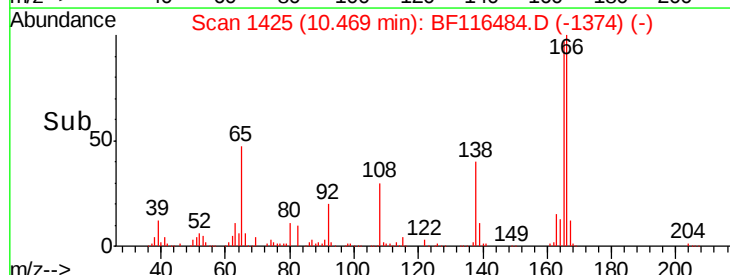
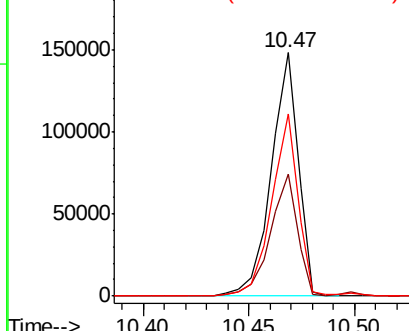


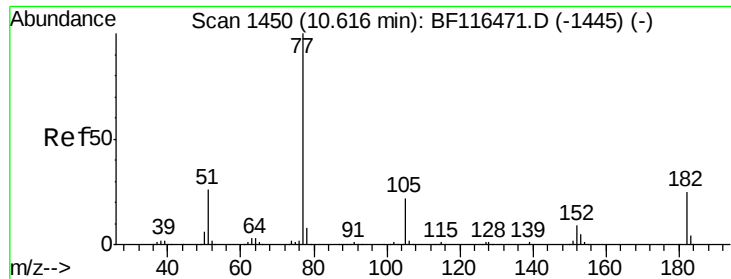
#62
 4-Nitroaniline
 Concen: 33.340 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:138 Resp: 132117
 Ion Ratio Lower Upper
 138 100
 92 50.1 34.9 74.9
 108 74.6 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: 38.265 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

Tgt Ion: 77 Resp: 642175

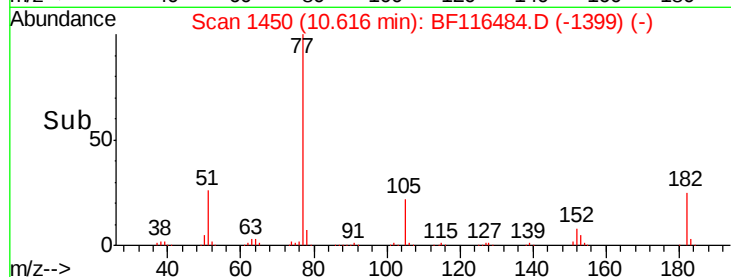
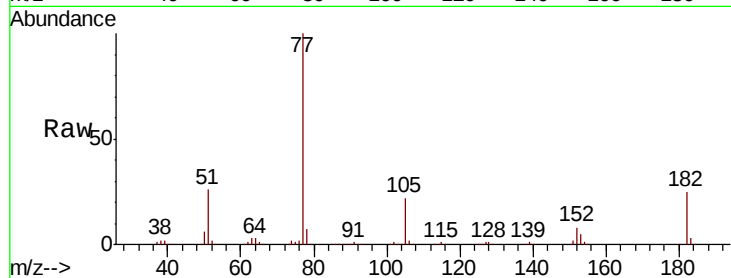
Ion Ratio Lower Upper

77 100

182 25.2 5.4 45.4

105 21.9 1.6 41.6

51 25.9 6.2 46.2



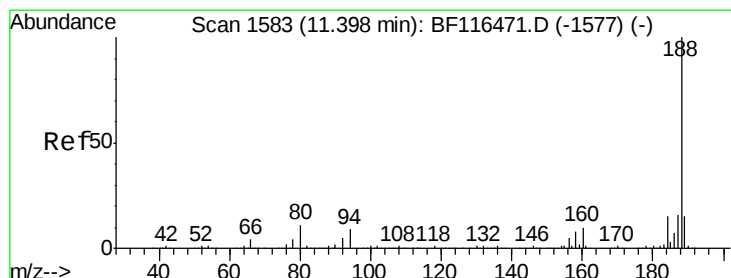
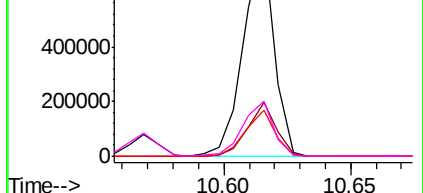
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

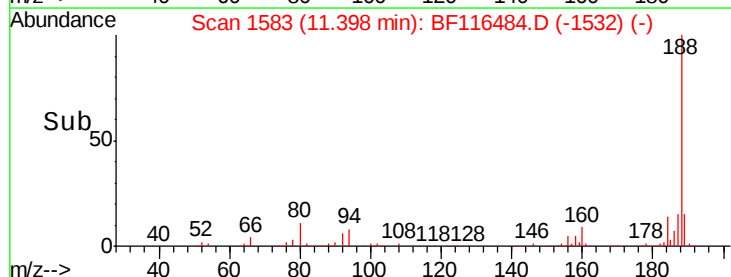
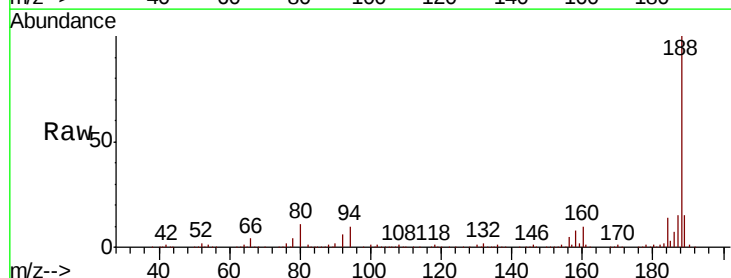
Tgt Ion: 188 Resp: 401011

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 11.2 8.6 12.8

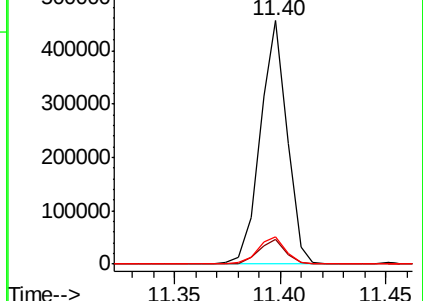


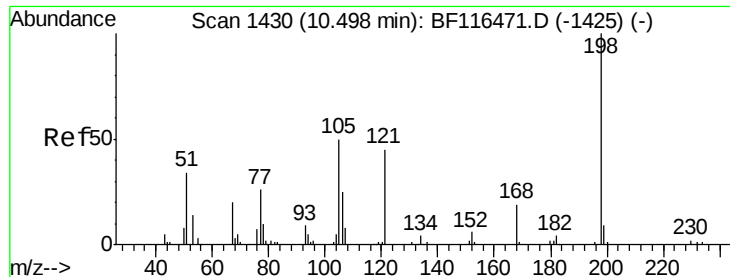
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

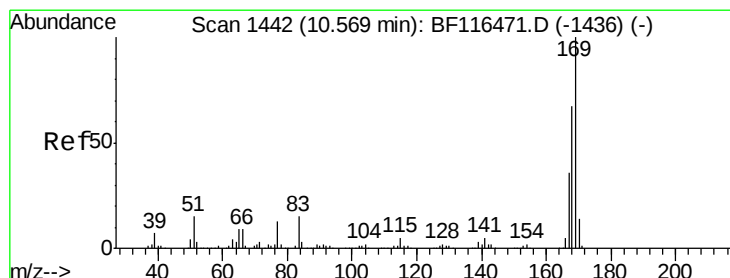
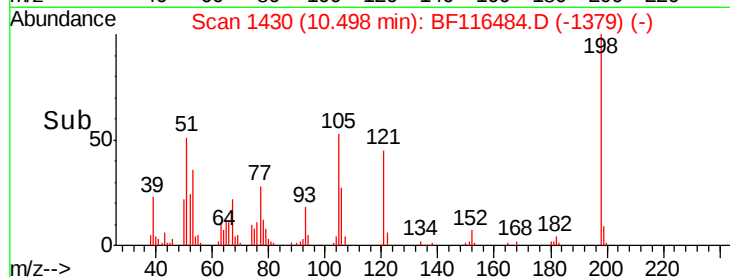
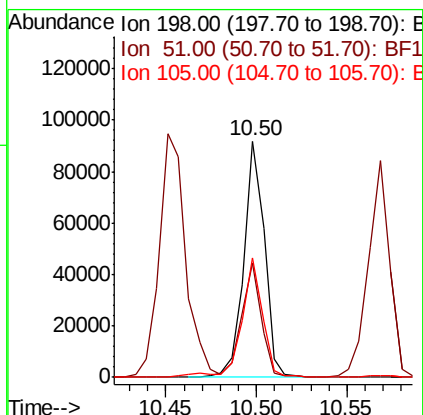
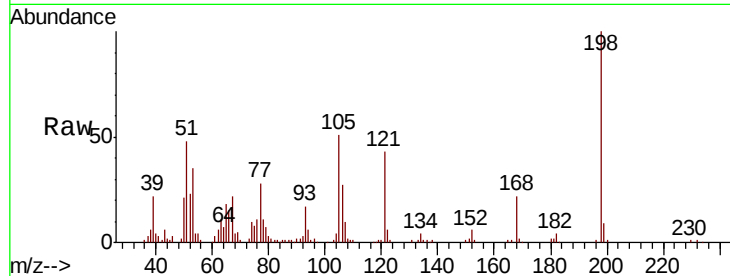




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.553 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

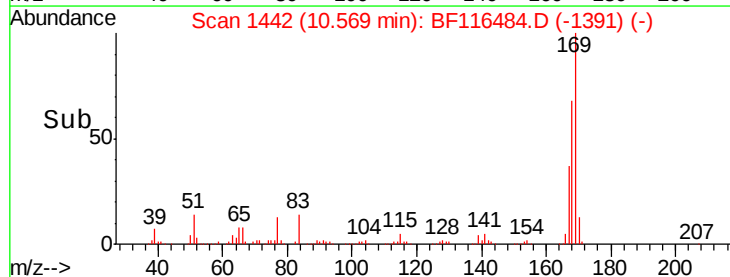
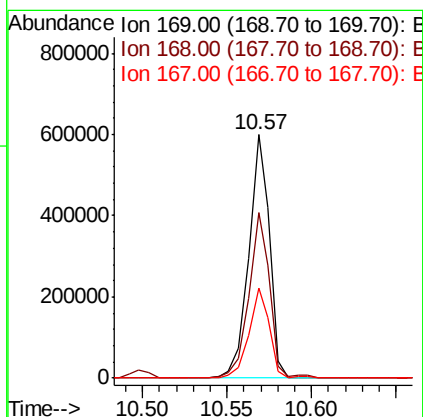
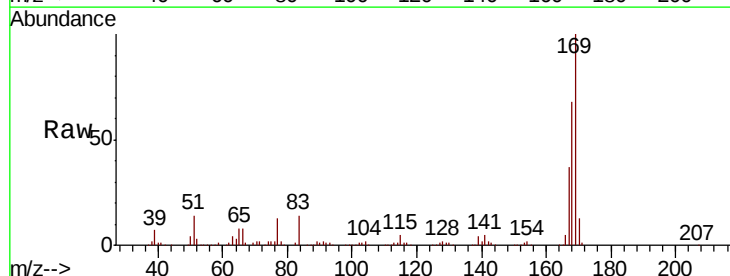
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

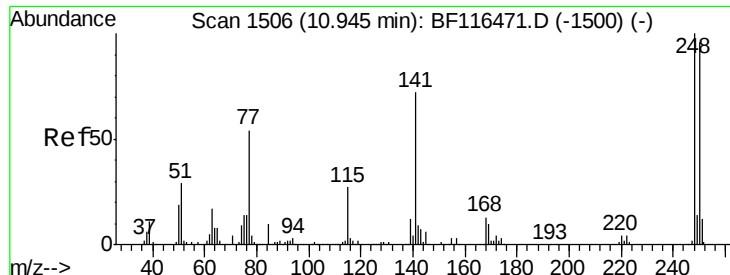
Tgt Ion:198 Resp: 72292
 Ion Ratio Lower Upper
 198 100
 51 48.3 30.4 70.4
 105 50.6 32.8 72.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.602 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:169 Resp: 514222
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.6 80.4
 167 36.8 28.7 43.1

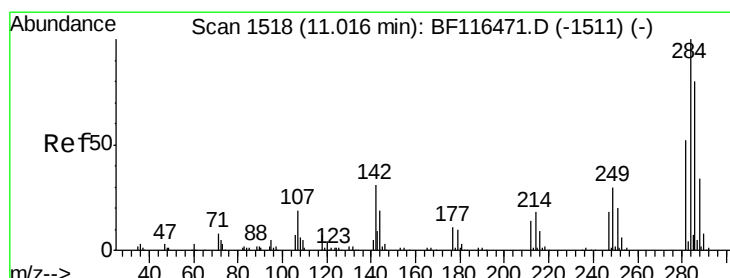
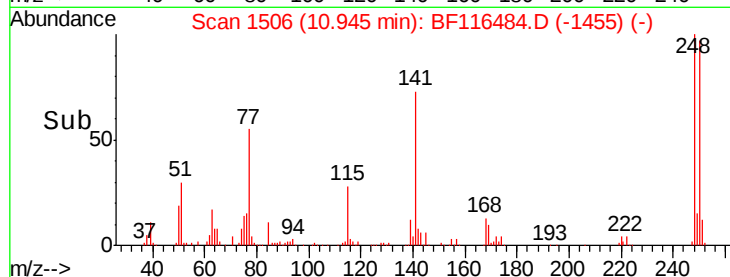
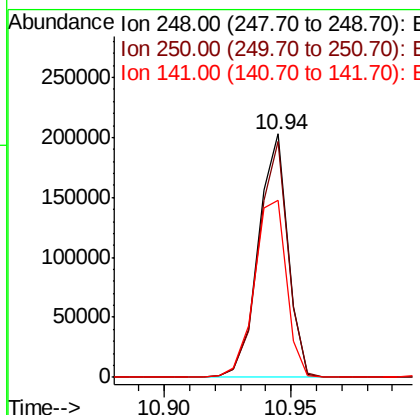
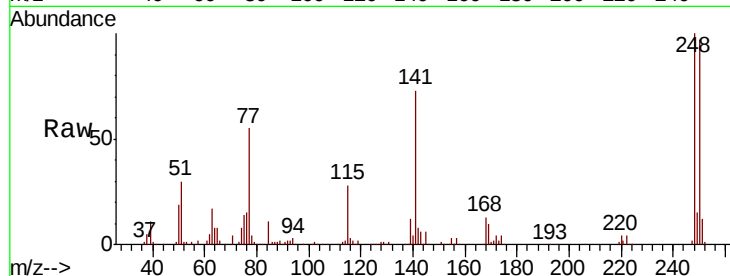




#67
 4-Bromophenyl-phenylether
 Concen: 39.363 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

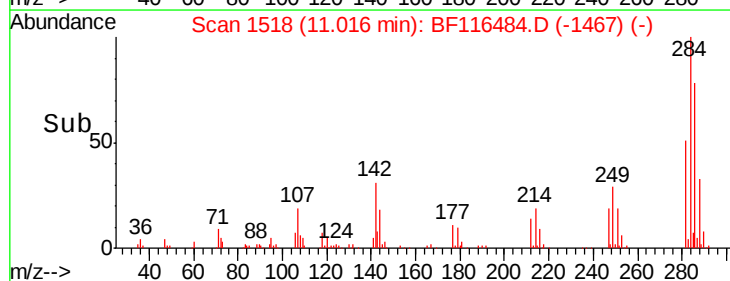
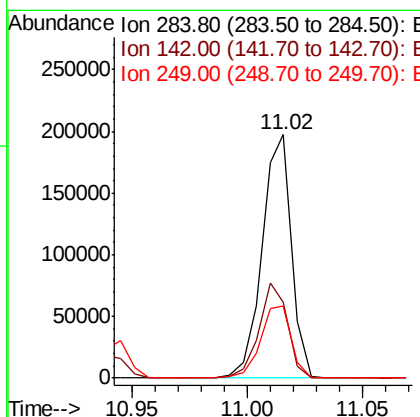
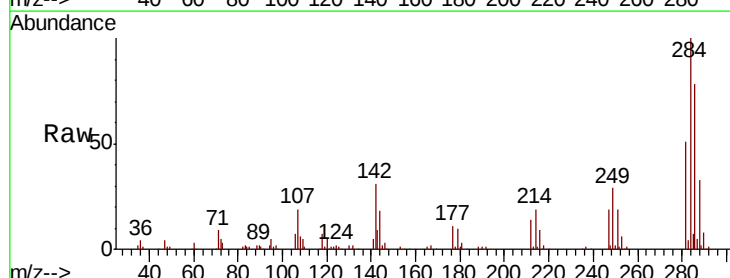
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

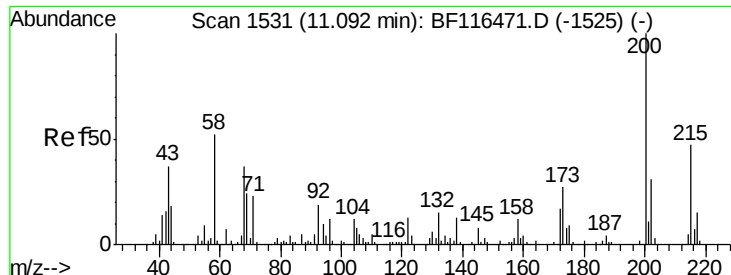
Tgt Ion:248 Resp: 165488
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.6
 141 73.0 57.4 86.0



#68
 Hexachlorobenzene
 Concen: 37.445 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:284 Resp: 174115
 Ion Ratio Lower Upper
 284 100
 142 31.3 24.6 36.8
 249 29.4 24.1 36.1

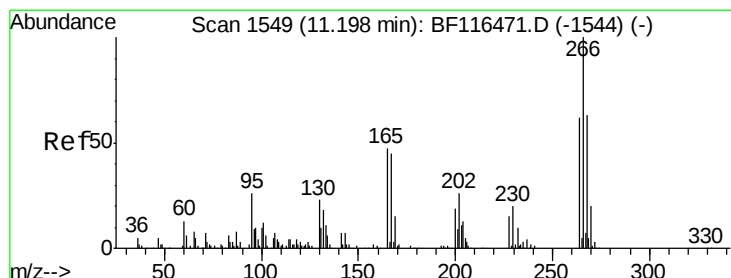
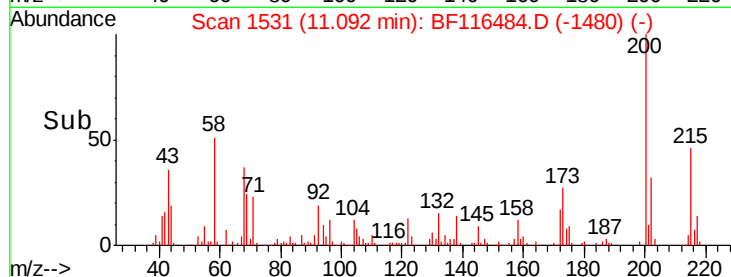
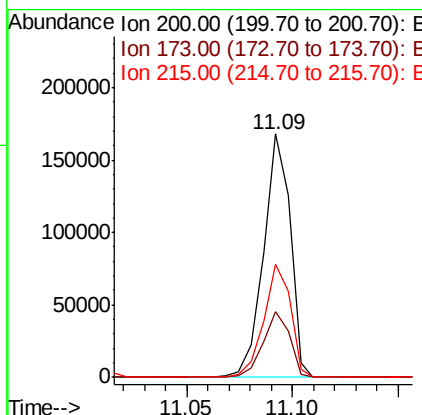
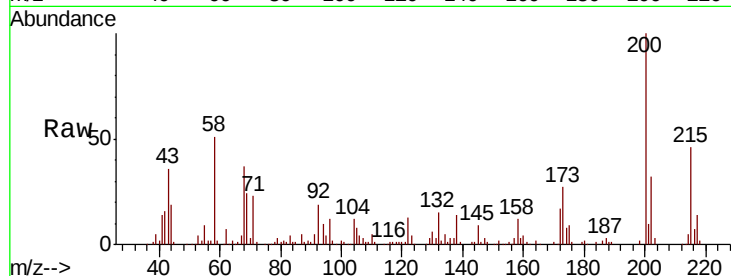




#69
Atrazine
Concen: 38.007 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

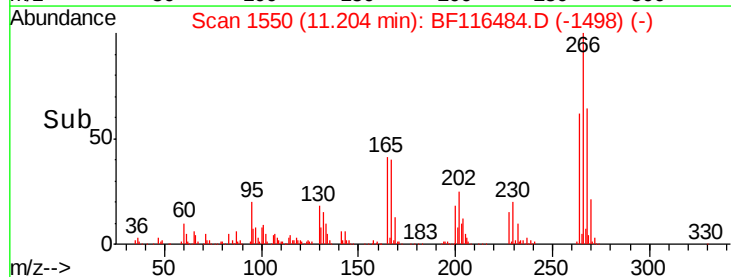
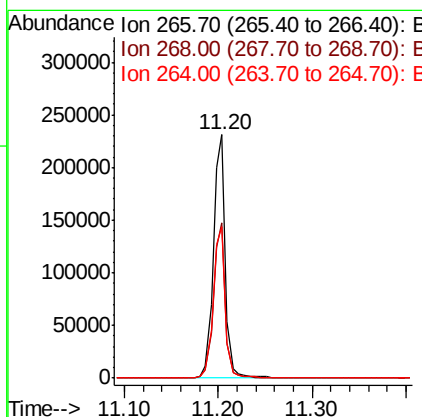
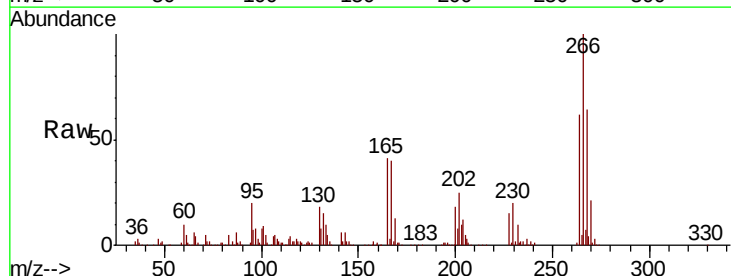
Instrument :
BNA_F
ClientSampleId :
PB122393BS

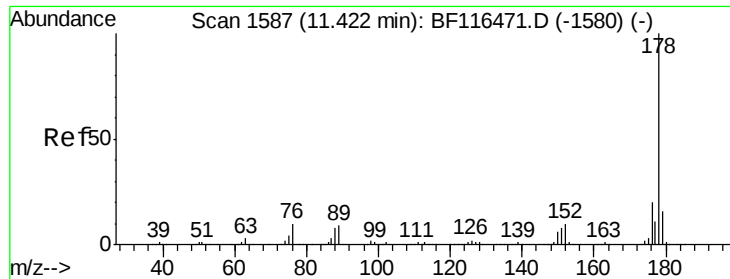
Tgt Ion:200 Resp: 147863
Ion Ratio Lower Upper
200 100
173 26.8 7.3 47.3
215 46.4 26.7 66.7



#70
Pentachlorophenol
Concen: 77.459 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:266 Resp: 210144
Ion Ratio Lower Upper
266 100
268 63.5 50.7 76.1
264 62.5 50.0 75.0

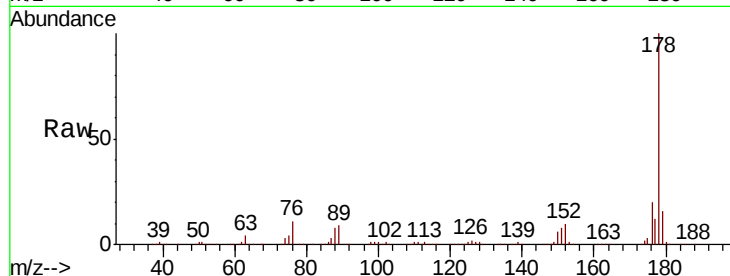




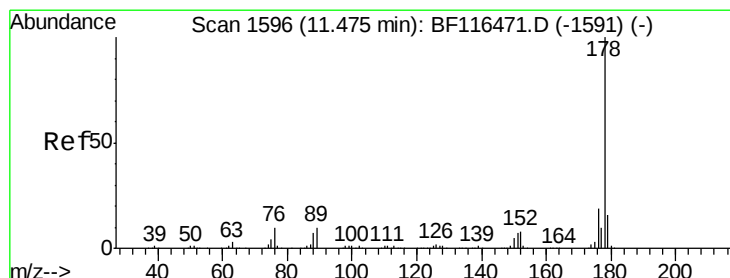
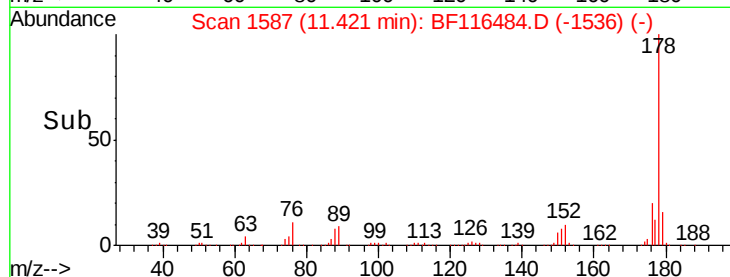
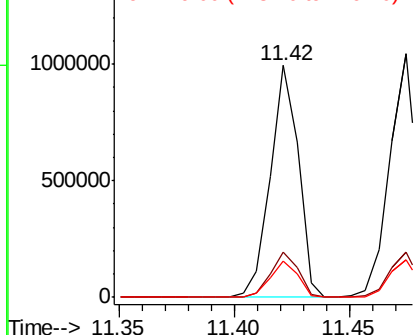
#71
Phenanthrene
Concen: 38.381 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampled :
PB122393BS

Tgt Ion:178 Resp: 838448
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.8 19.2

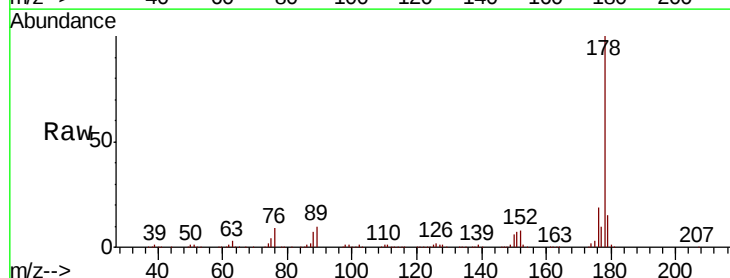


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

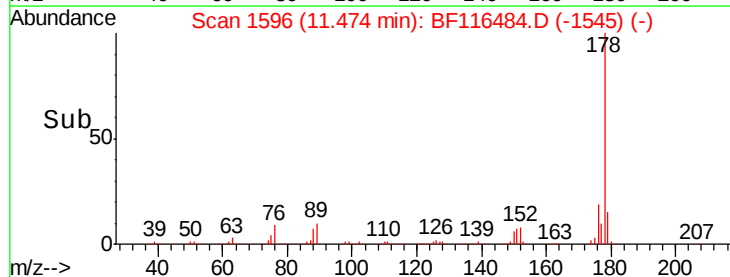
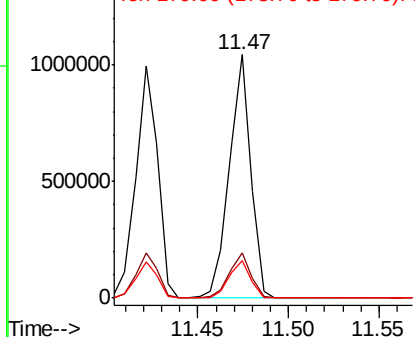


#72
Anthracene
Concen: 39.303 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:178 Resp: 862764
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.4 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

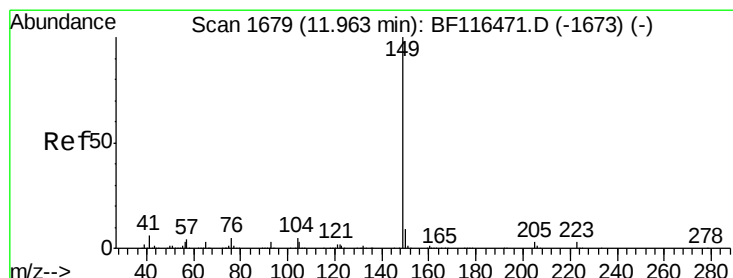
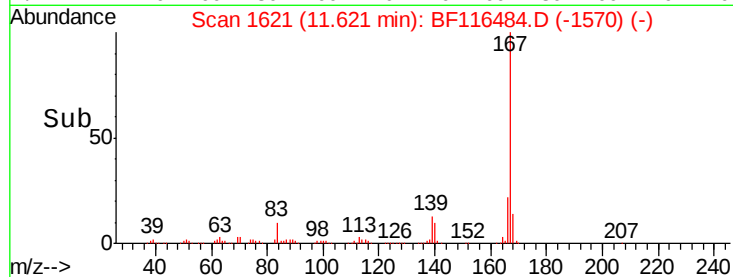
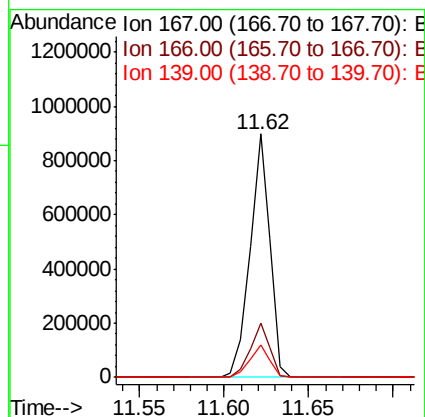
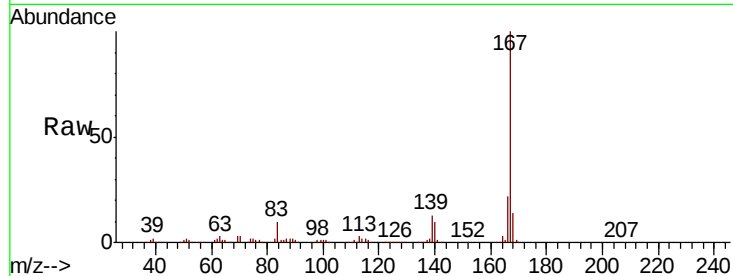




#73
 Carbazole
 Concen: 37.591 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

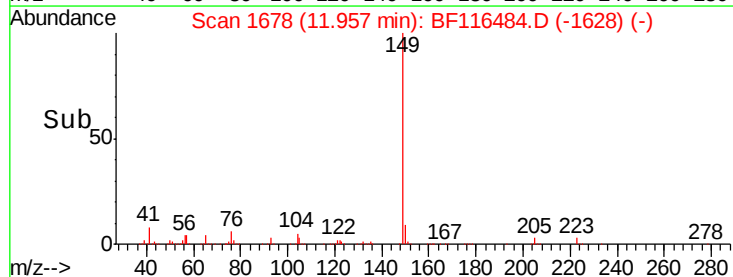
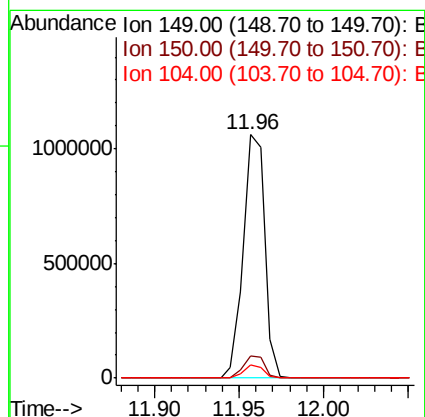
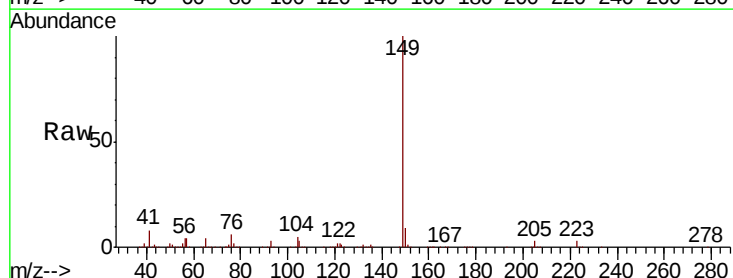
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

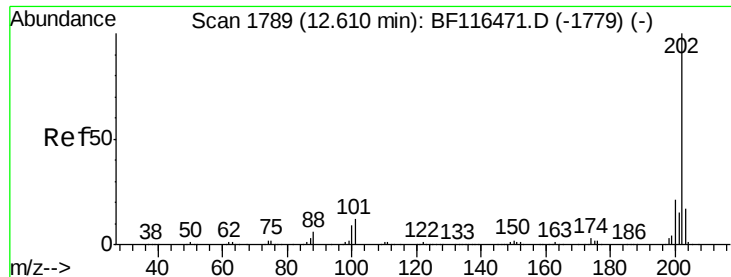
Tgt Ion:167 Resp: 740693
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.574 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion:149 Resp: 941843
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.1 6.1

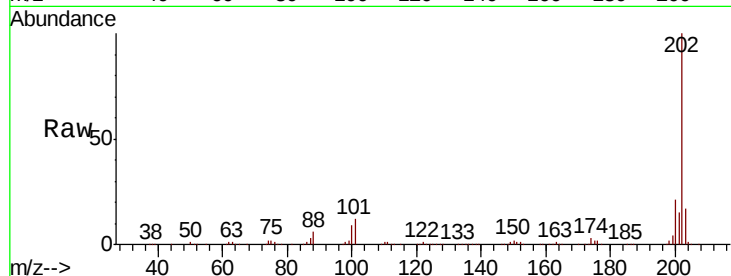




#75
 Fluoranthene
 Concen: 37.262 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
203	17.4	0.0	37.5

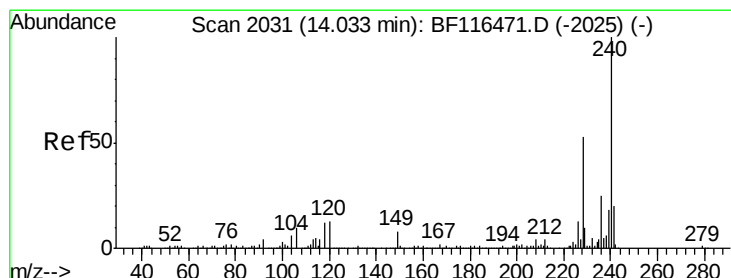
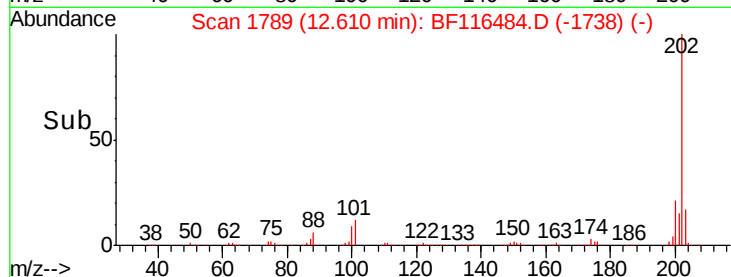
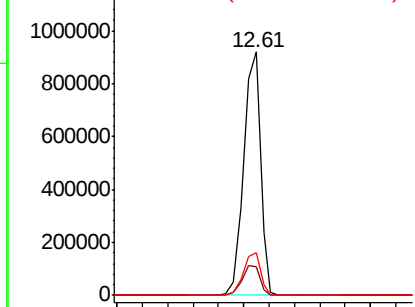


Abundance

Ion 202.00 (201.70 to 202.70): E

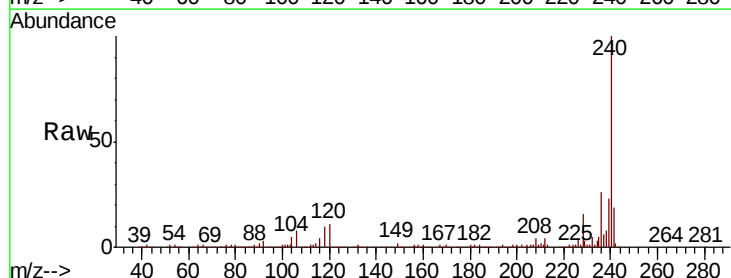
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116484.D
 Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.5	15.7
236	26.5	20.2	30.2

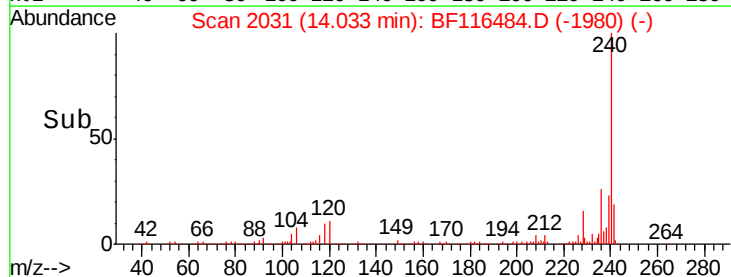
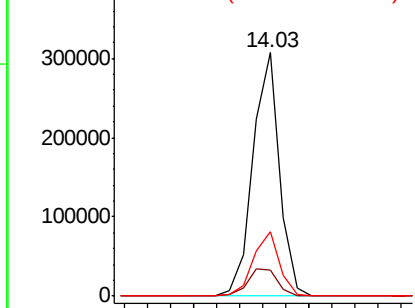


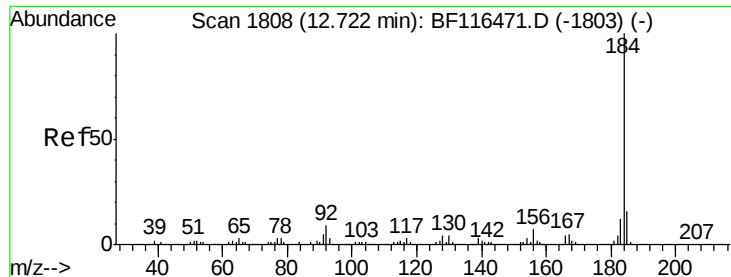
Abundance

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: 36.558 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

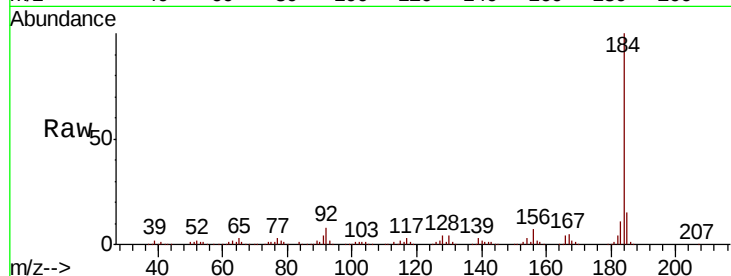
Tgt Ion:184 Resp: 364005

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

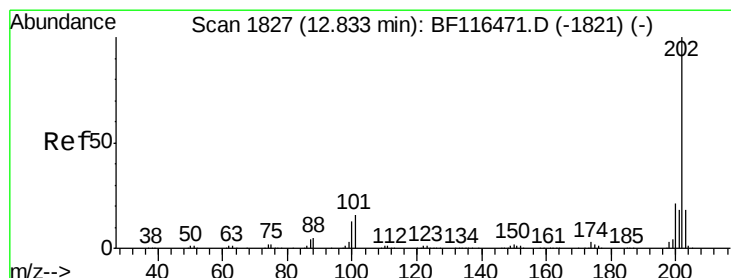
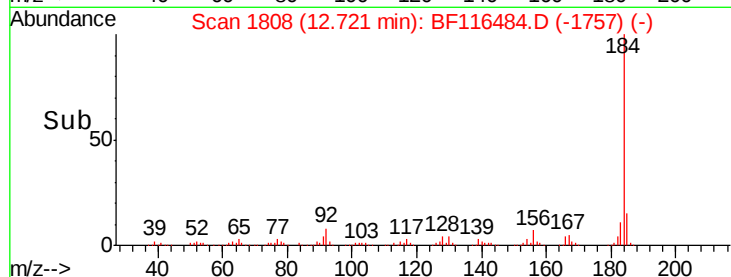
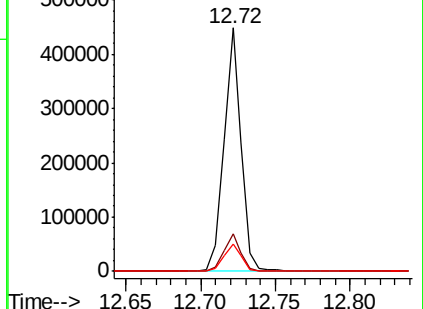
183 11.5 9.8 14.6



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: 42.304 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

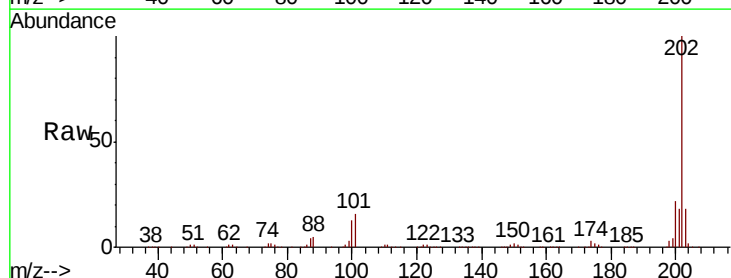
Tgt Ion:202 Resp: 837255

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

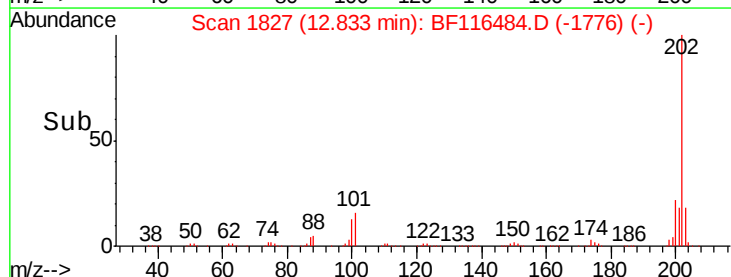
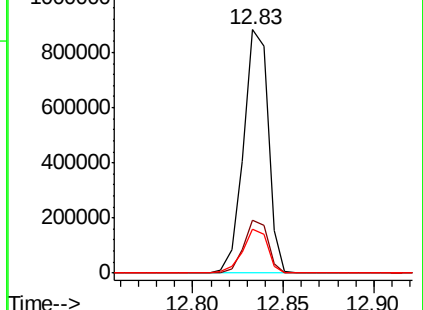
203 18.0 14.2 21.4

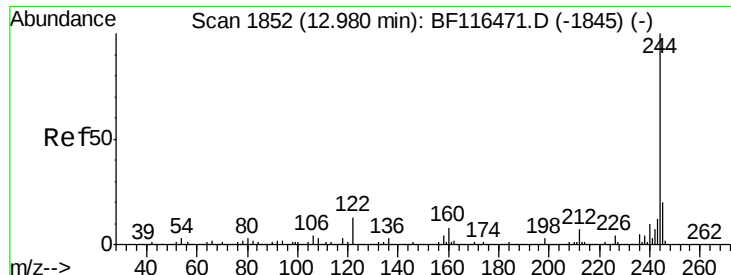


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.508 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

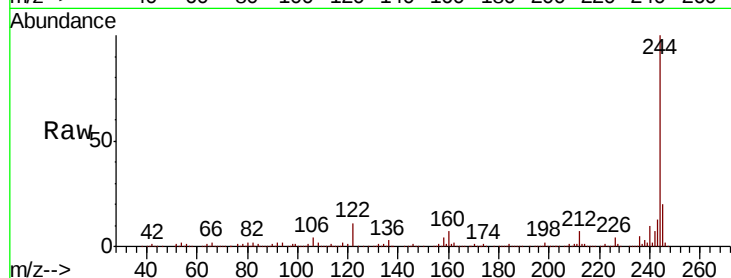
Tgt Ion:244 Resp: 894429

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

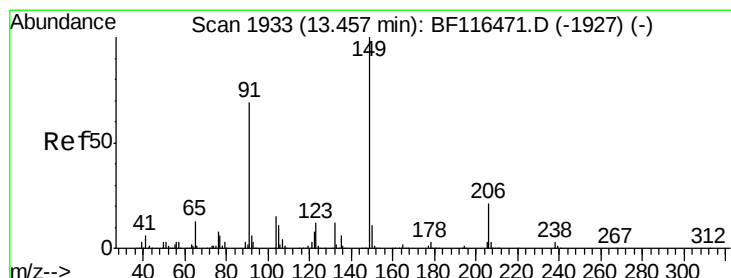
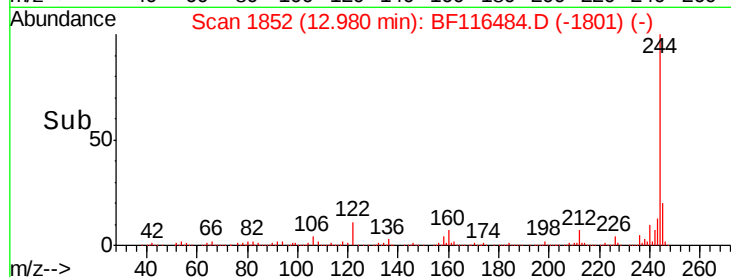
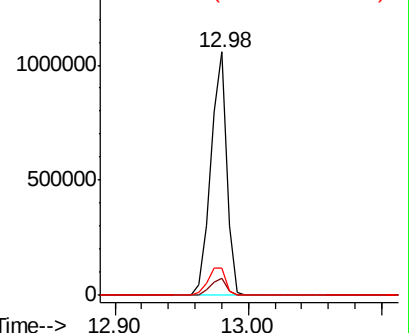
122 11.4 10.2 15.4



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: 41.514 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

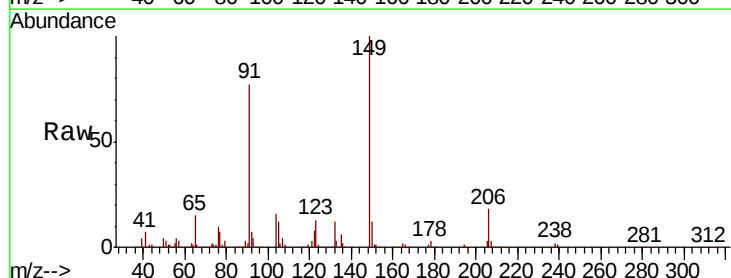
Tgt Ion:149 Resp: 354836

Ion Ratio Lower Upper

149 100

91 77.4 54.9 82.3

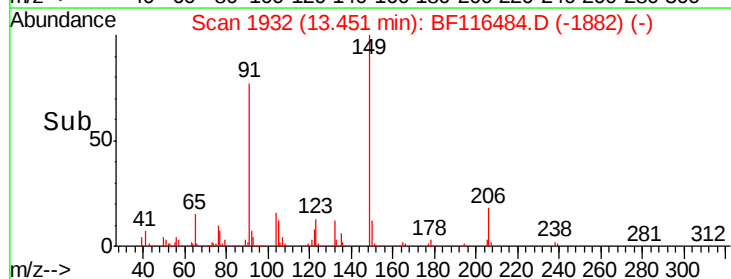
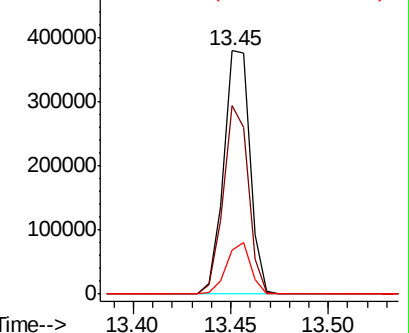
206 18.1 16.6 24.8

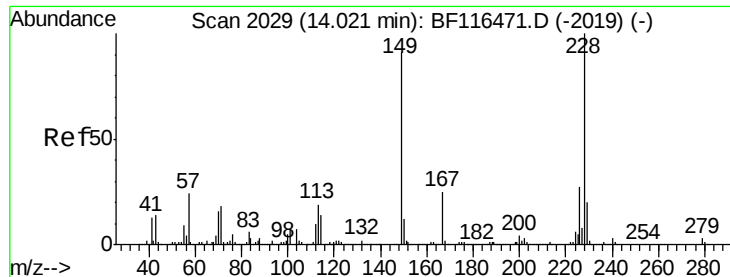


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.296 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

Instrument :

BNA_F

ClientSampleId :

PB122393BS

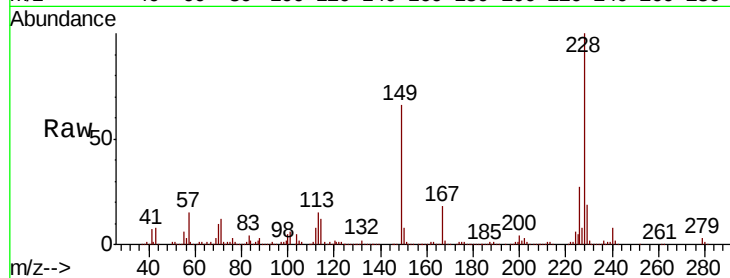
Tgt Ion:228 Resp: 613831

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.4 15.9 23.9

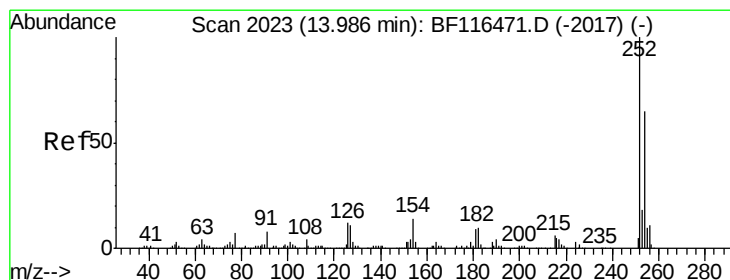
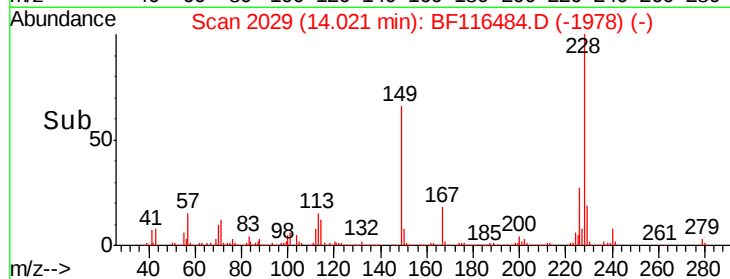
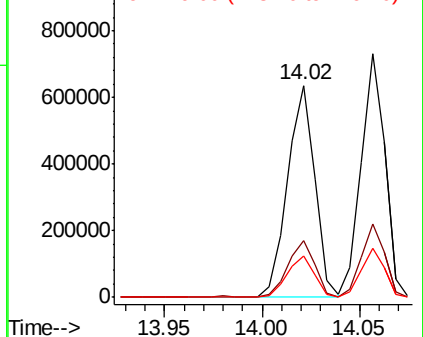


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.967 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116484.D

Acq: 23 Aug 2019 18:28

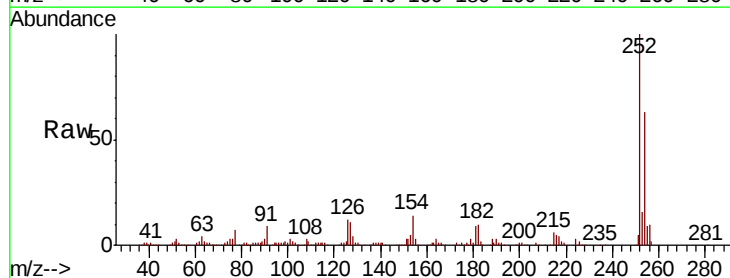
Tgt Ion:252 Resp: 171172

Ion Ratio Lower Upper

252 100

254 63.1 51.9 77.9

126 12.1 9.4 14.0

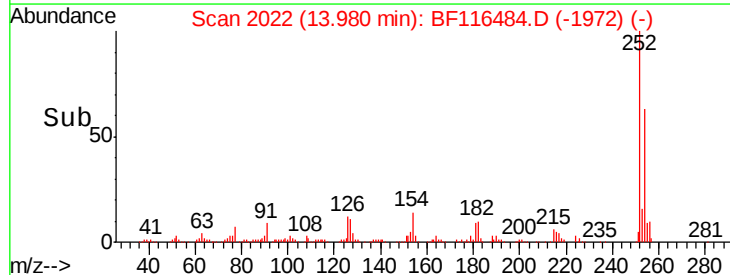
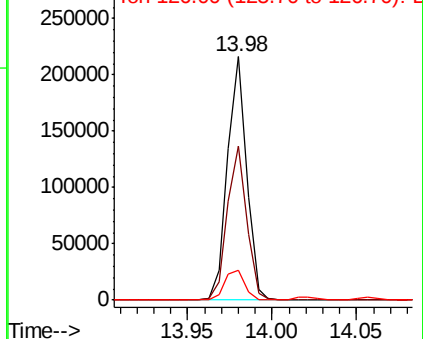


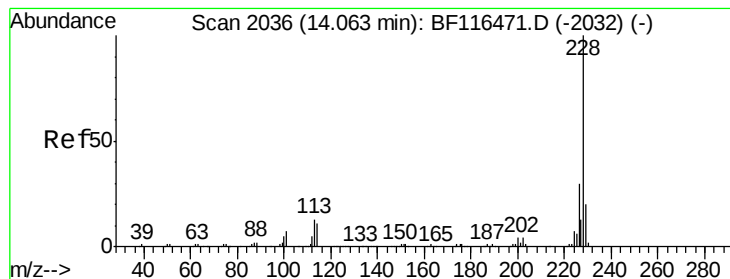
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

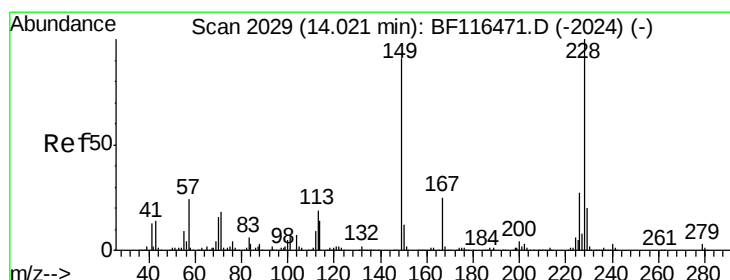
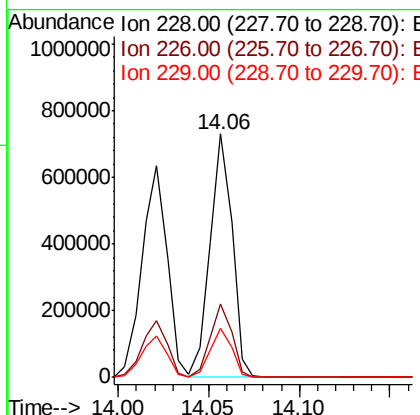
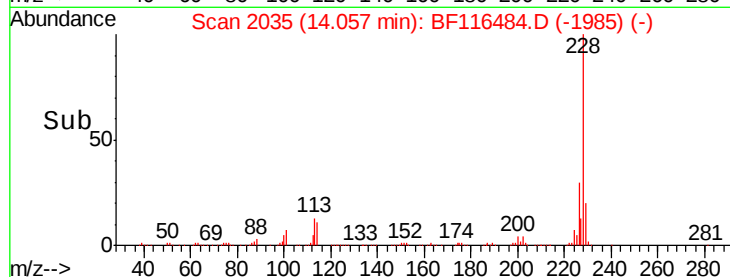
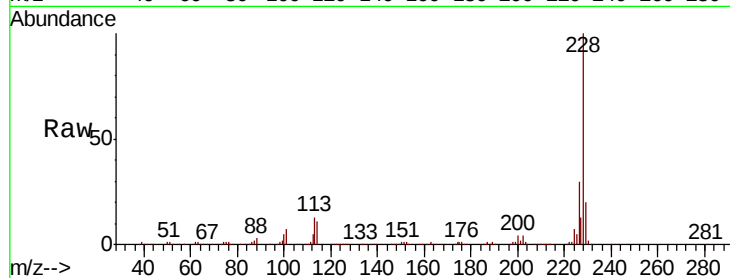




#83
Chrysene
Concen: 38.040 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

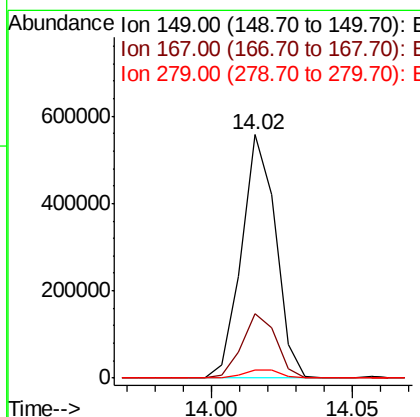
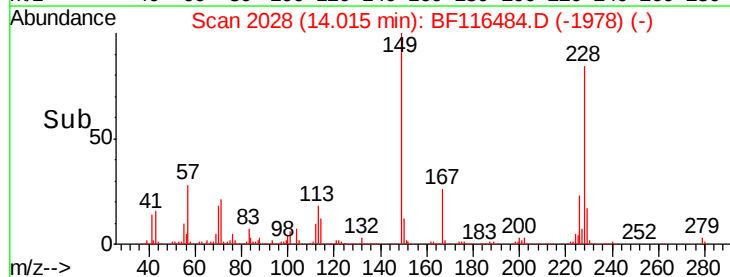
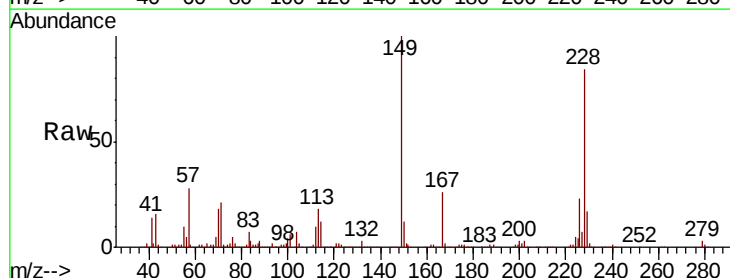
Instrument :
BNA_F
ClientSampleId :
PB122393BS

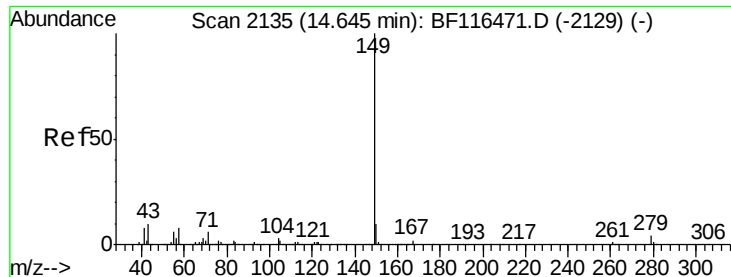
Tgt Ion: 228 Resp: 618003
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.085 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion: 149 Resp: 468263
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.6
279 3.2 3.0 4.4

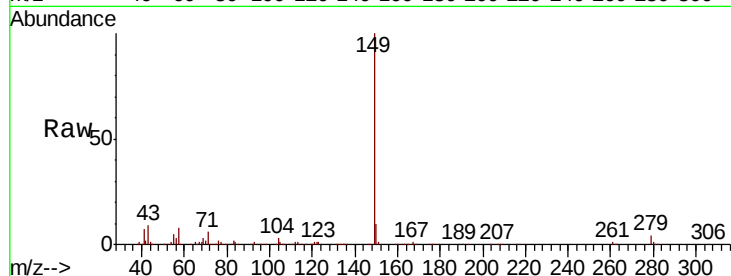




#85
Di-n-octyl phthalate
Concen: 39.014 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.8	11.8

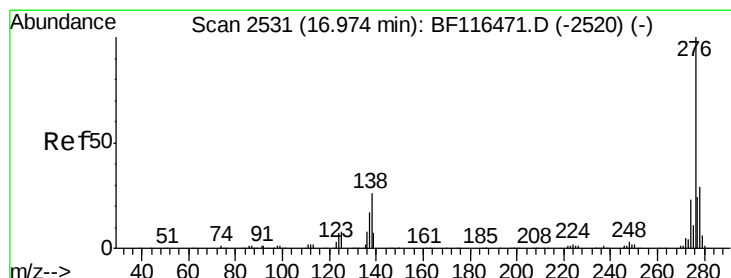
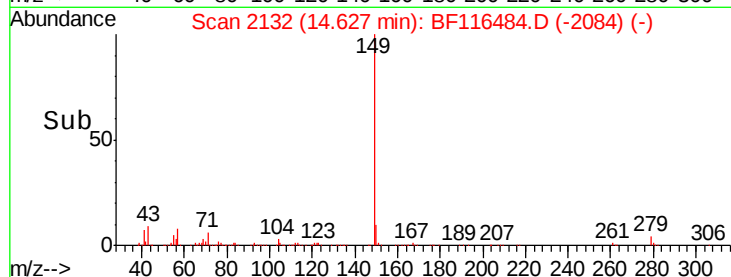
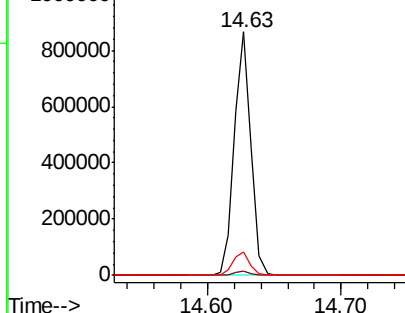


Abundance

Ion 149.00 (148.70 to 149.70): E

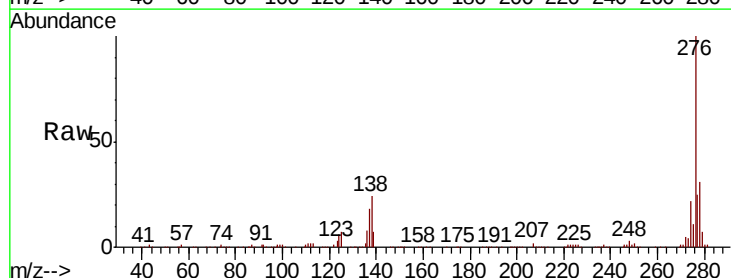
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.753 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.9	34.3
277	25.8	19.9	29.9

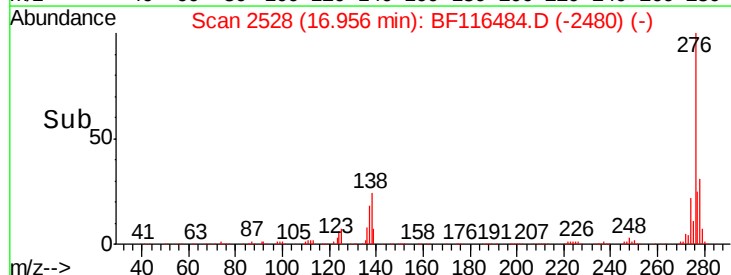
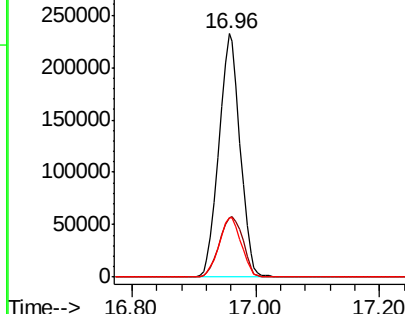


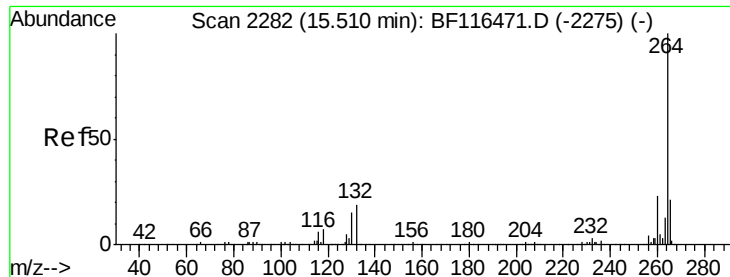
Abundance

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

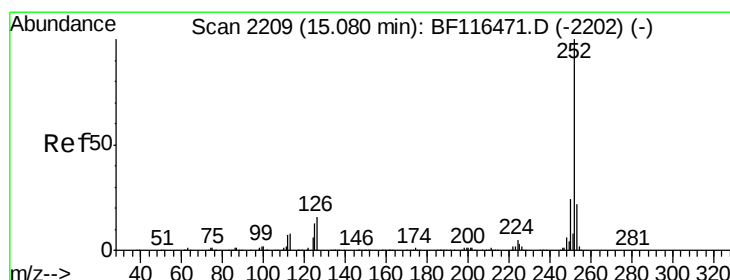
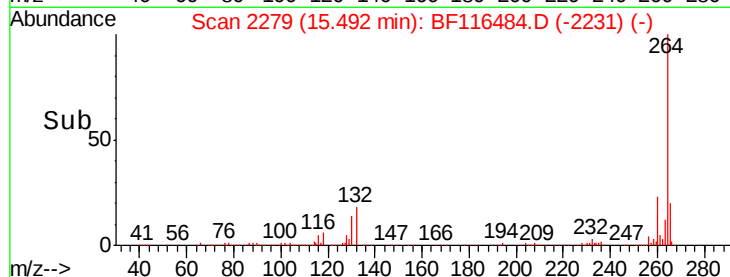
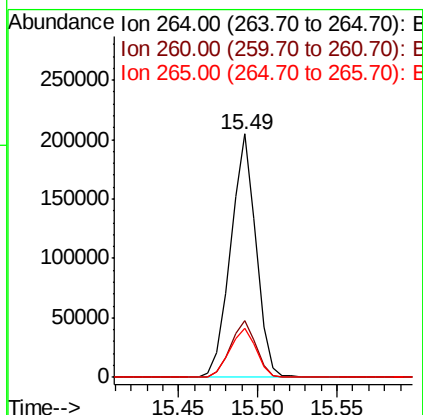
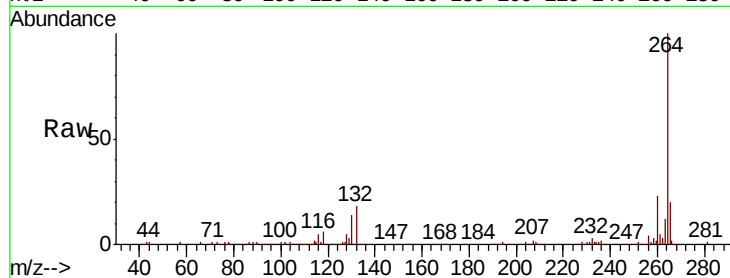




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

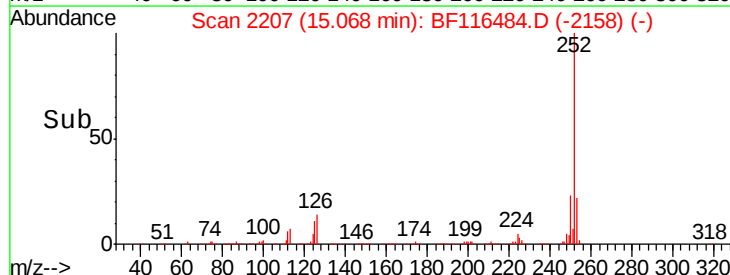
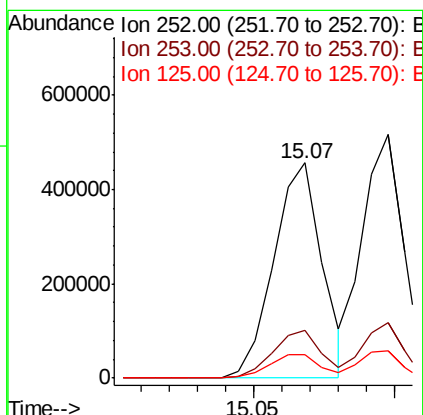
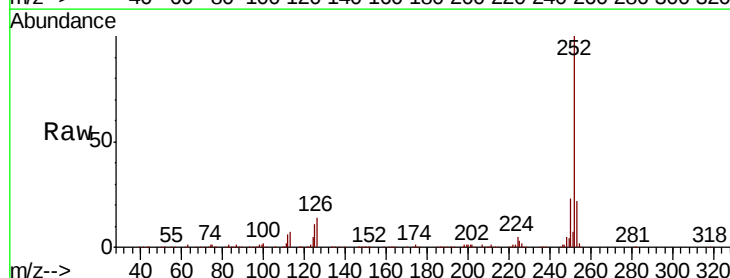
Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:264 Resp: 225910
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 20.2 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.891 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:252 Resp: 542745
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.9 10.1 15.1

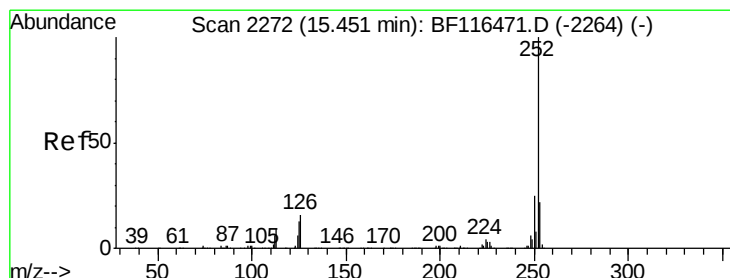
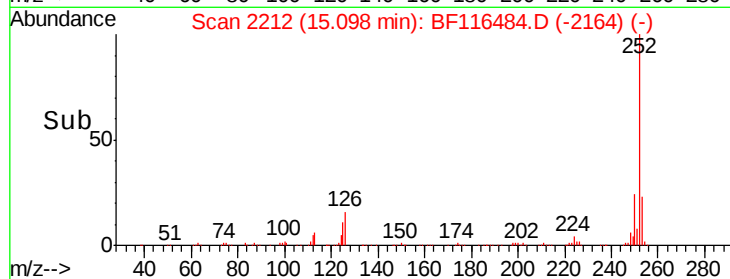
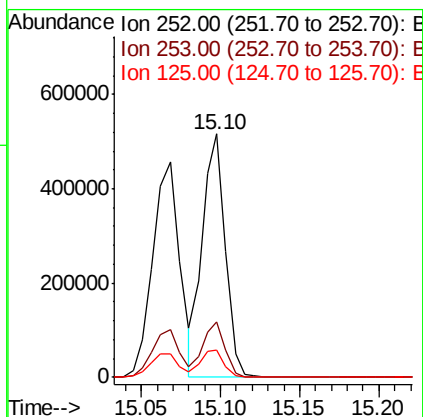
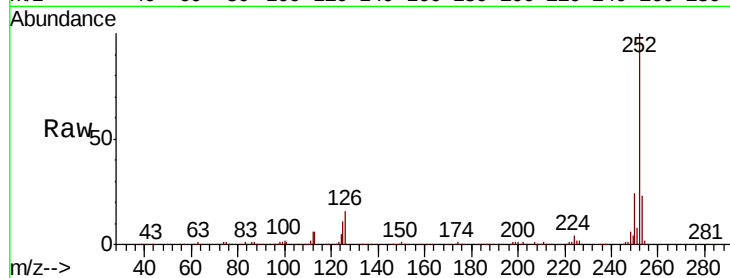




#89
Benzo(k)fluoranthene
Concen: 41.298 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

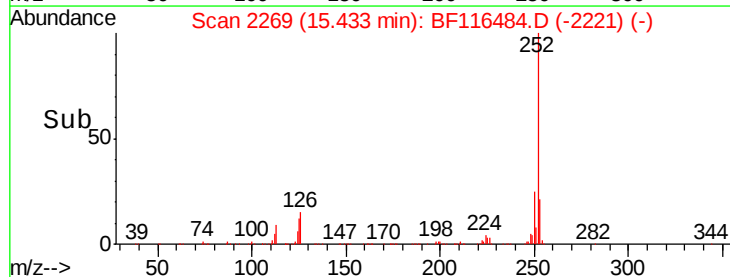
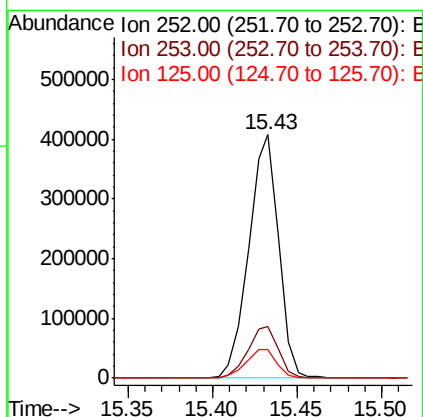
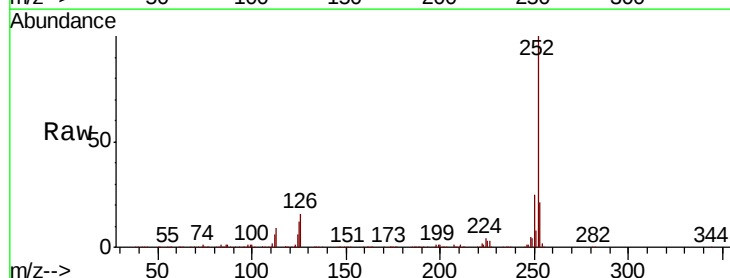
Instrument :
BNA_F
ClientSampleId :
PB122393BS

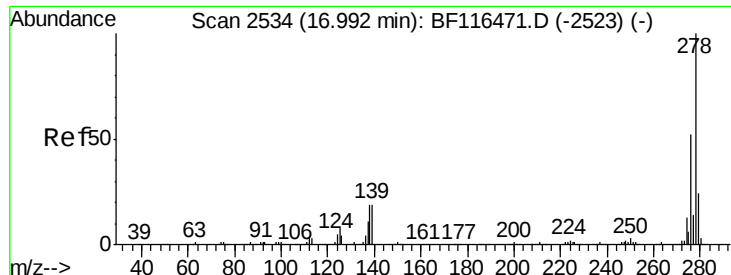
Tgt Ion:252 Resp: 522137
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.698 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion:252 Resp: 501977
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 11.8 10.2 15.4

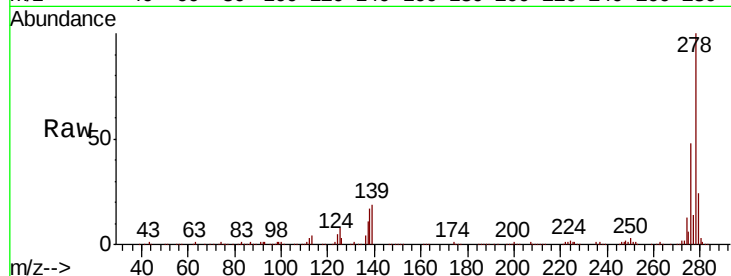




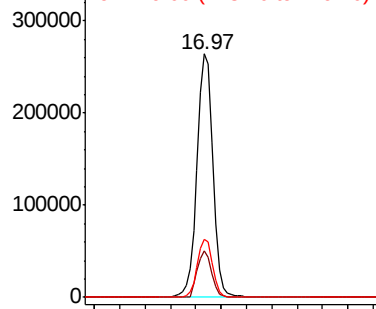
#91
Dibenzo(a,h)anthracene
Concen: 45.817 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Instrument :
BNA_F
ClientSampleId :
PB122393BS

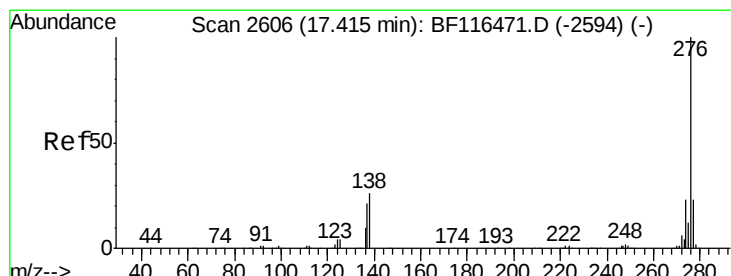
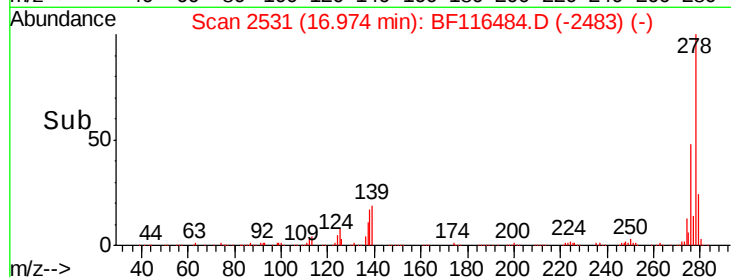
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.3	22.9
279	23.9	19.0	28.6



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

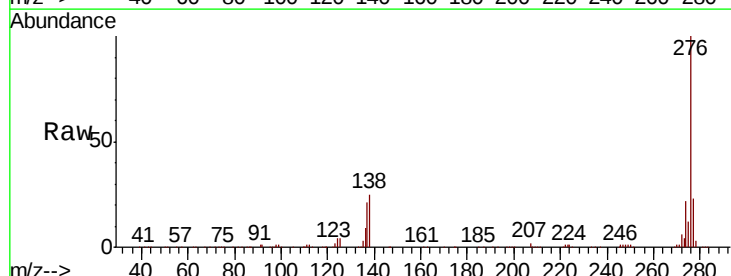


Time--> 16.80 17.00 17.20

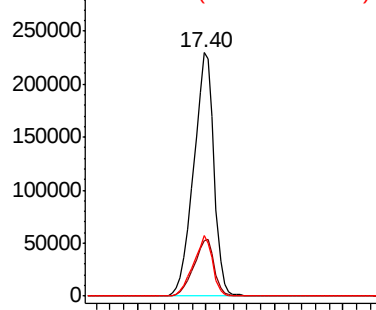


#92
Benzo(g,h,i)perylene
Concen: 48.918 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116484.D
Acq: 23 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	24.9	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



Time--> 17.30 17.40 17.50 17.60

