

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120266.D
 Acq On : 1 May 2020 18:54
 Operator : MA/SJ
 Sample : L2454-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:07:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

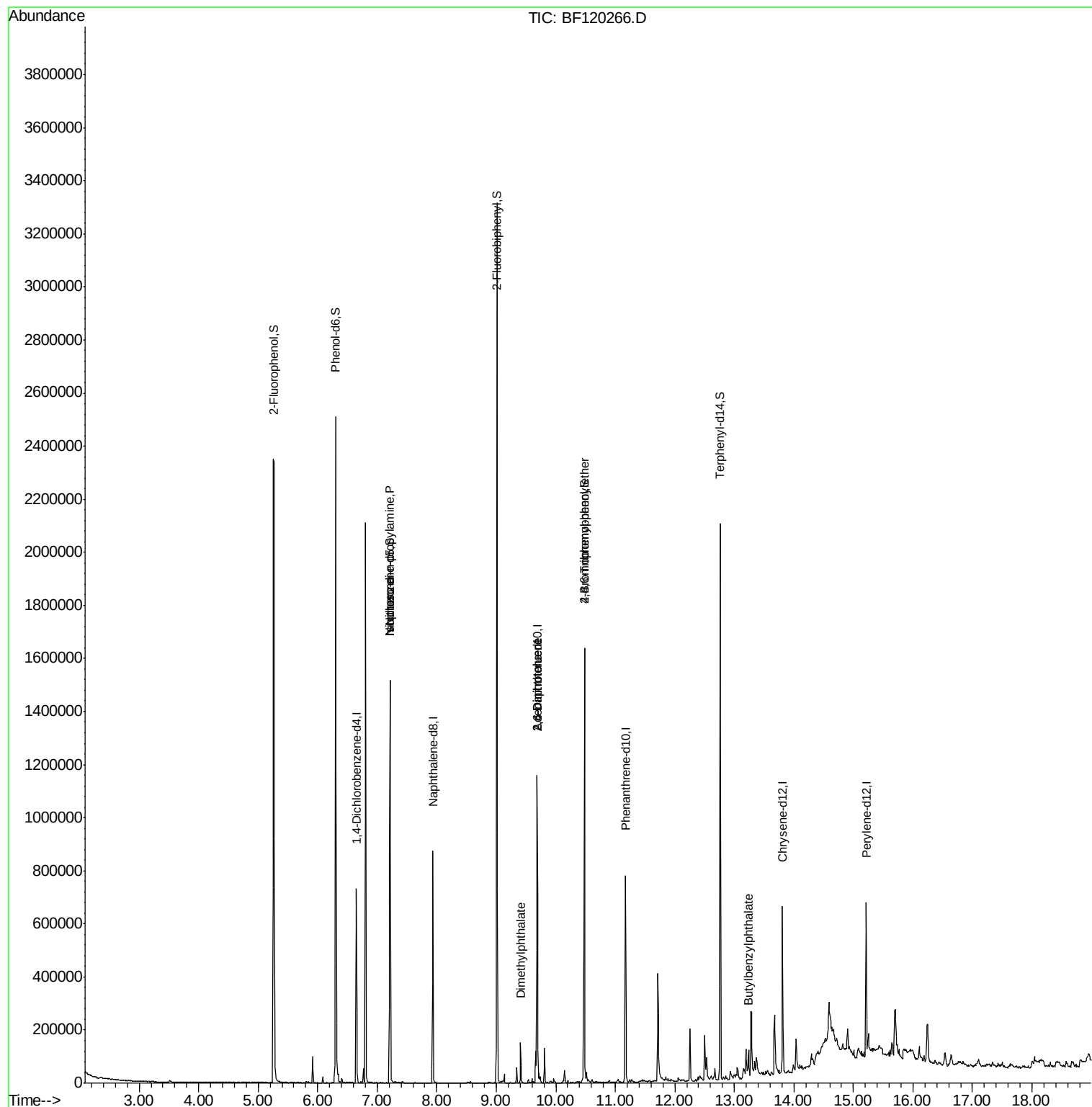
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	105568	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	346125	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	205962	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	293761	20.00	ng	0.00
76) Chrysene-d12	13.82	240	210672	20.00	ng	-0.01
87) Perylene-d12	15.22	264	245088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	674981	110.50	ng	0.00
7) Phenol-d6	6.30	99	772462	98.14	ng	-0.01
23) Nitrobenzene-d5	7.22	82	432051	64.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	188336	74.69	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	988913	68.17	ng	0.00
79) Terphenyl-d14	12.76	244	715374	57.14	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	4725	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	7.22	70	56359	11.135 ng	#	75
25) Isophorone	7.22	82	429872	33.330 ng	#	65
50) Dimethylphthalate	9.41	163	52429	3.291 ng		99
51) 2,6-Dinitrotoluene	9.69	165	26322	7.545 ng	#	25
57) 2,4-Dinitrotoluene	9.69	165	26322	5.727 ng	#	19
67) 4-Bromophenyl-phenylether	10.48	248	11303	3.094 ng	#	1
80) Butylbenzylphthalate	13.24	149	19135	2.220 ng		98

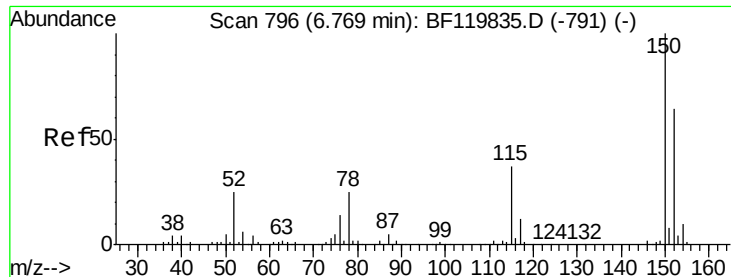
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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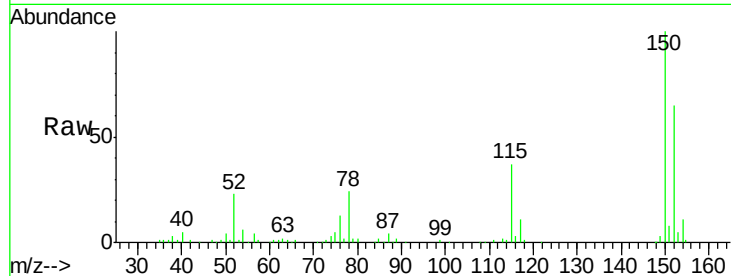


#1

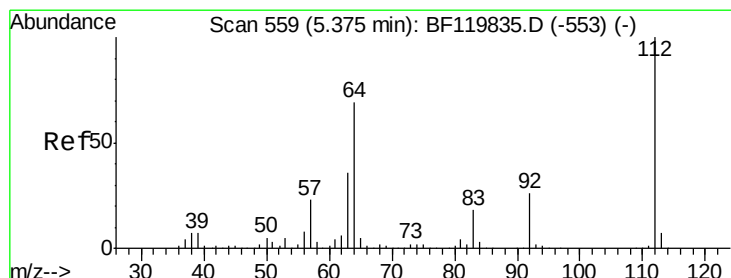
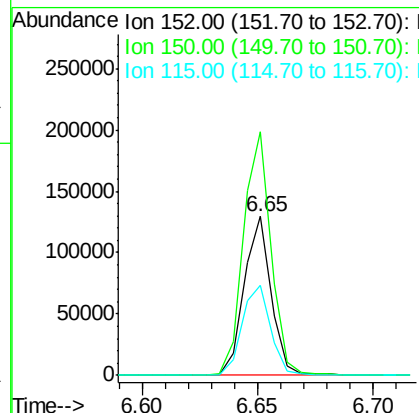
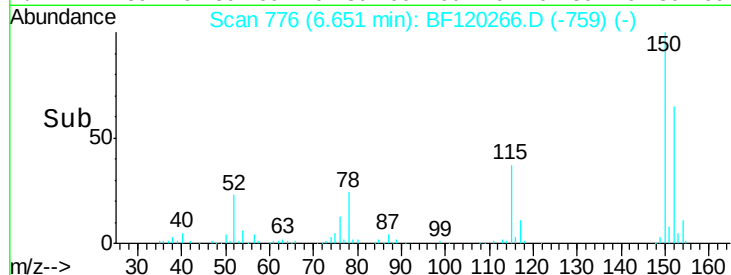
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120266.D
Acq: 1 May 2020 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105568
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 57.0 49.6 74.4



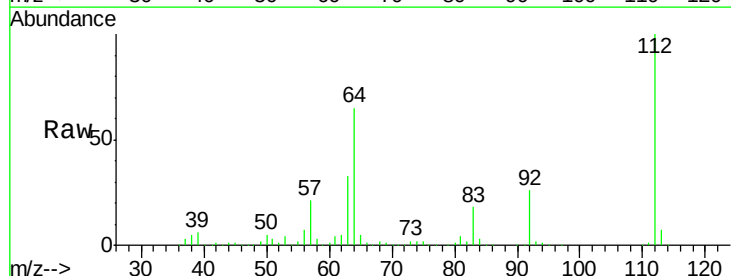
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



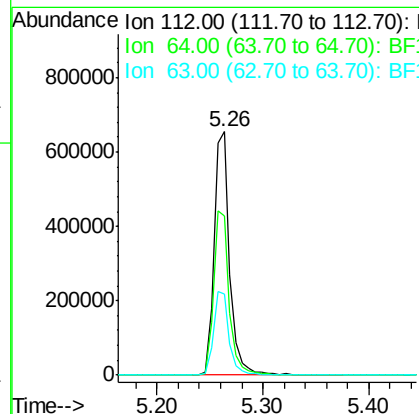
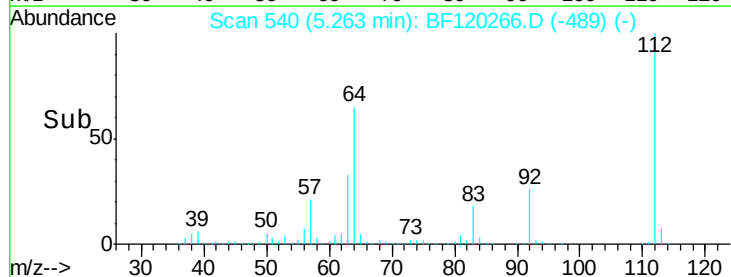
#5

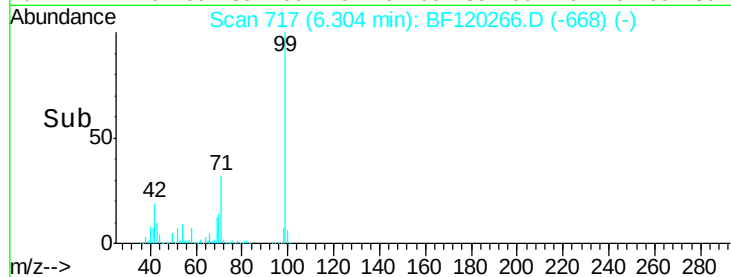
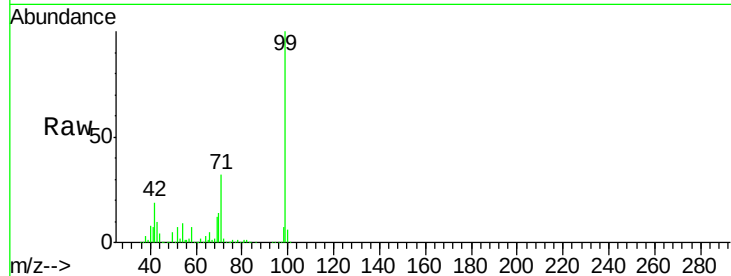
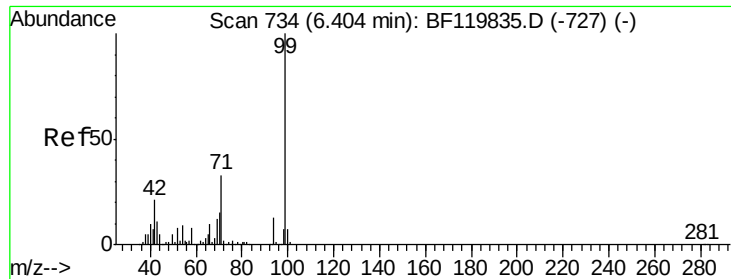
2-Fluorophenol
Concen: 110.497 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120266.D
Acq: 1 May 2020 18:54

Tgt Ion:112 Resp: 674981
Ion Ratio Lower Upper
112 100
64 65.3 56.7 85.1
63 33.5 29.5 44.3



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





#7

Phenol-d6

Concen: 98.137 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

Instrument :

BNA_F

ClientSampled :

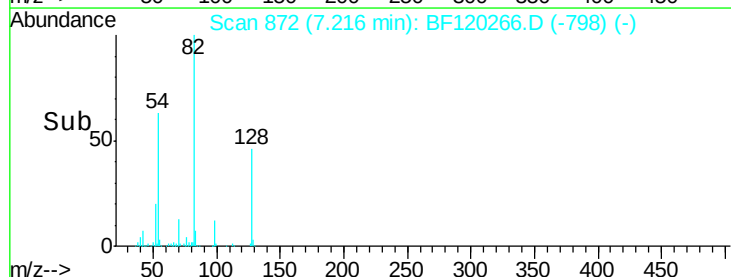
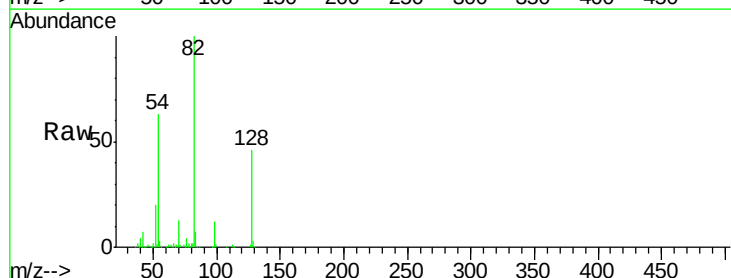
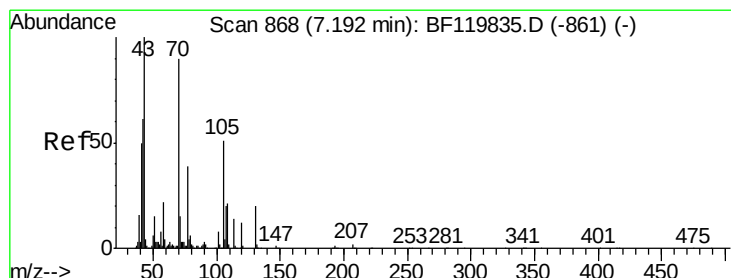
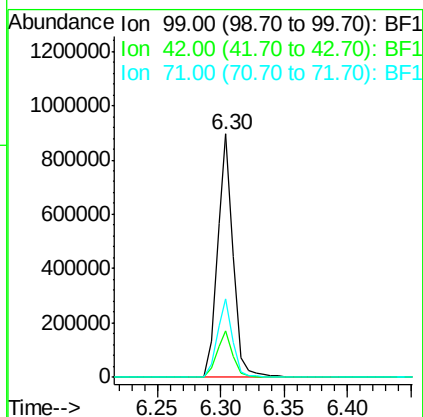
Tot Ion: 99 Resp: 772462

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 32.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.135 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

Tgt Ion: 70 Resp: 56359

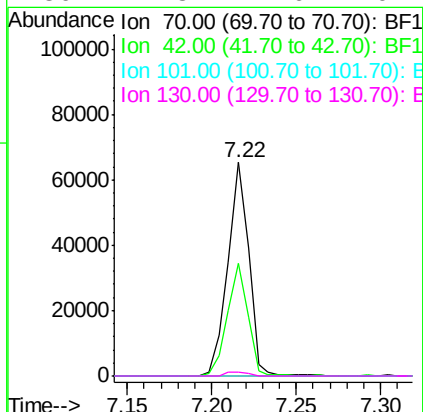
Ion Ratio Lower Upper

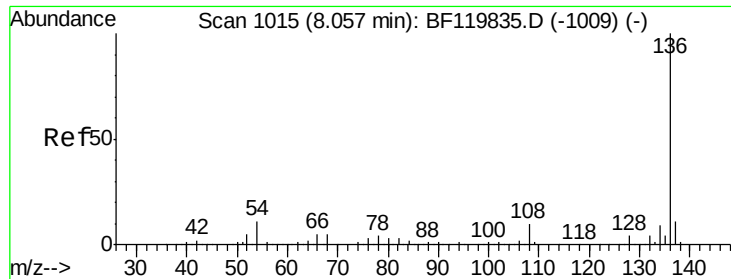
70 100

42 52.8 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

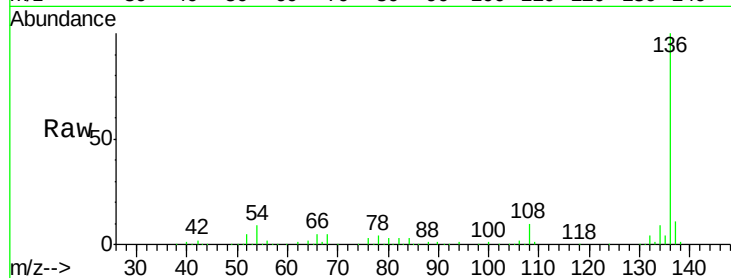




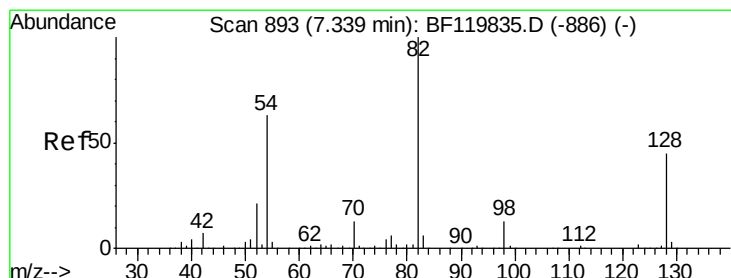
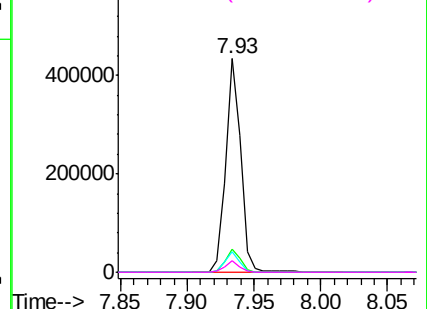
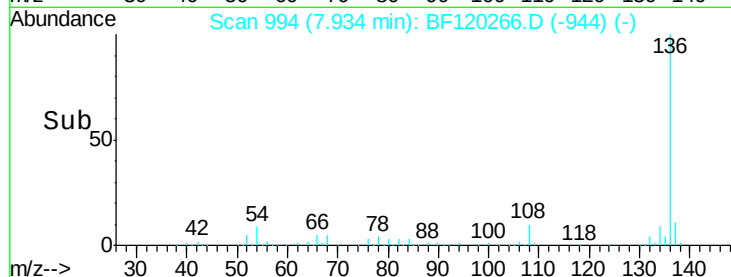
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120266.D
Acq: 1 May 2020 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	346125
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	9.3	9.1 13.7
68	5.3	4.6 6.8

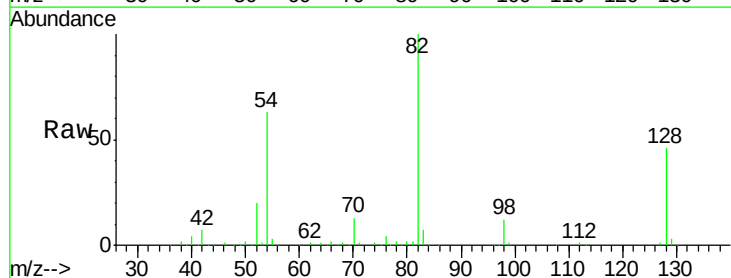


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

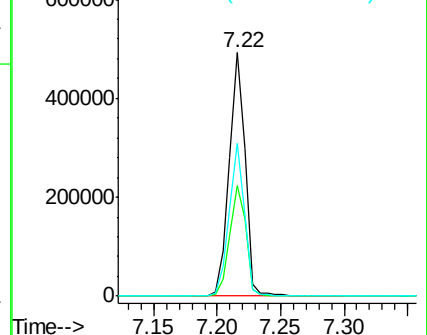
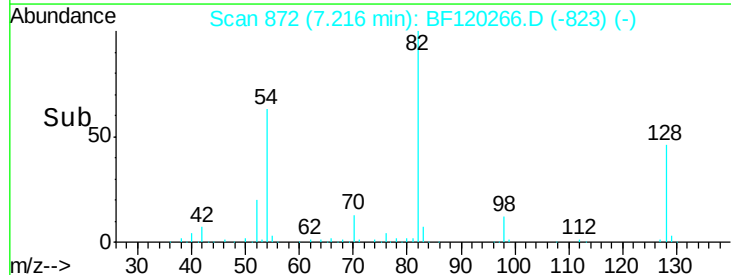


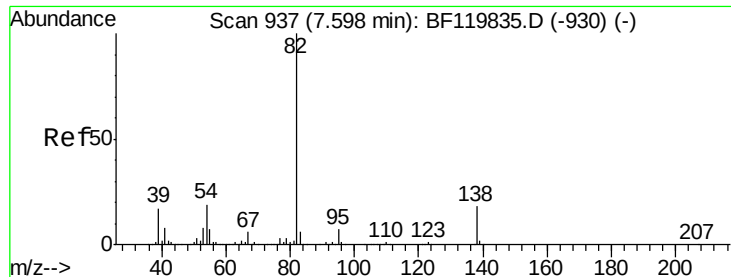
#23
Nitrobenzene-d5
Concen: 64.577 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120266.D
Acq: 1 May 2020 18:54

Tgt Ion: 82	Resp:	432051
Ion Ratio	Lower	Upper
82	100	
128	45.5	36.3 54.5
54	62.7	50.6 75.8



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





#25

Isophorone

Concen: 33.330 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.27 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

Instrument :

BNA_F

ClientSampleId :

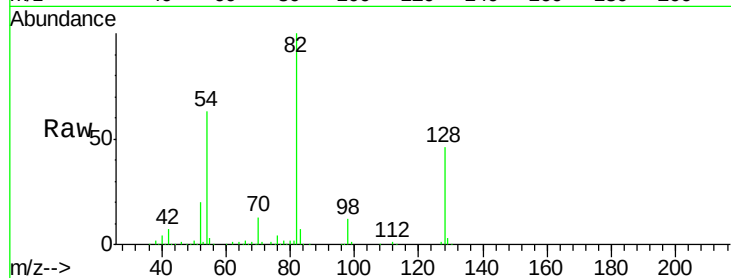
Tot Ion: 82 Resp: 429872

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

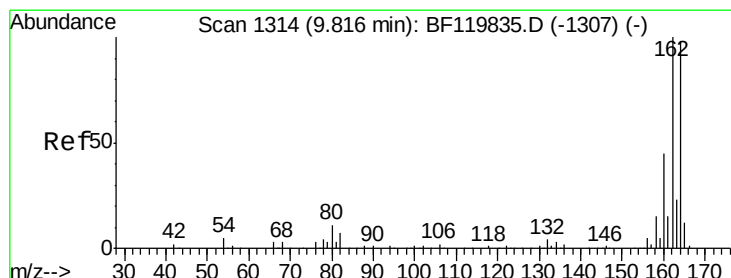
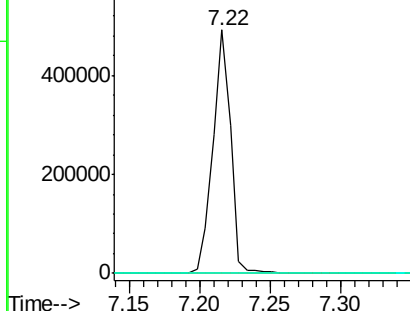
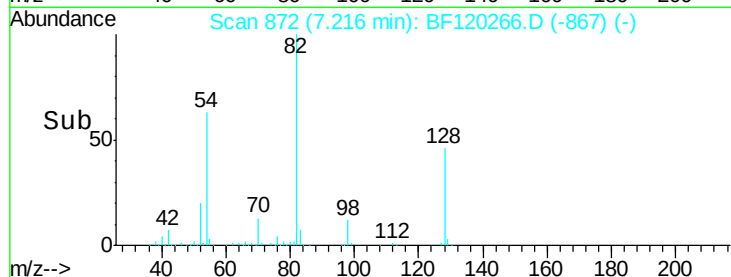
138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

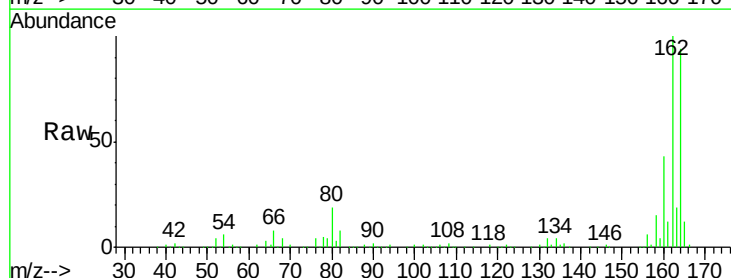
Tgt Ion: 164 Resp: 205962

Ion Ratio Lower Upper

164 100

162 106.1 80.6 121.0

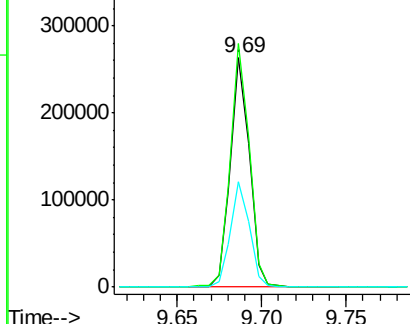
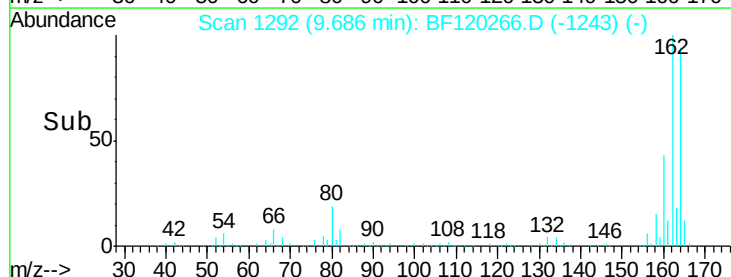
160 45.8 35.7 53.5

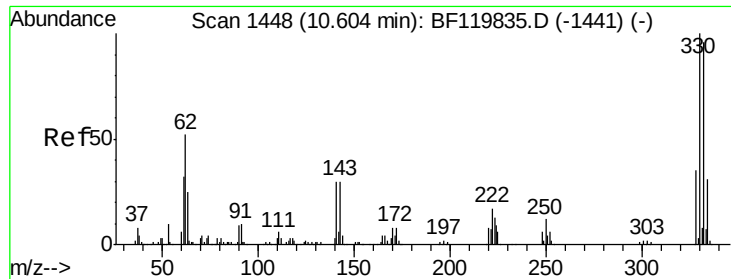


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

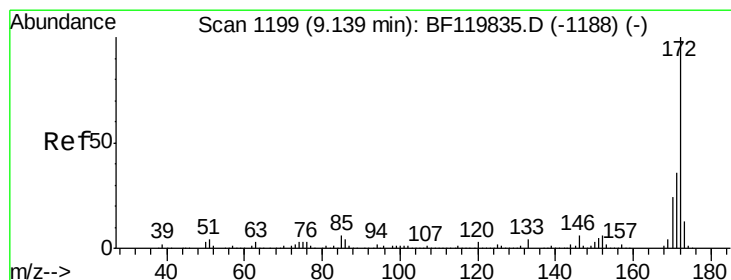
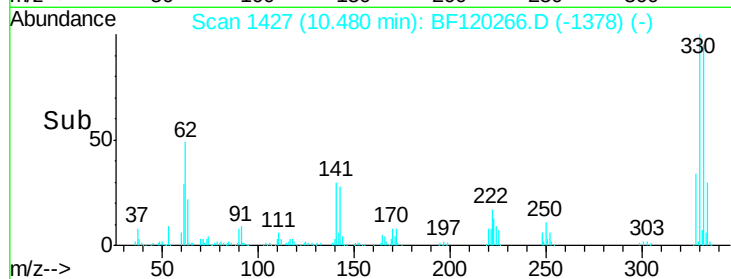
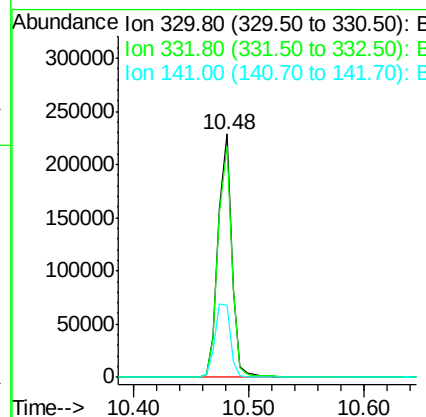
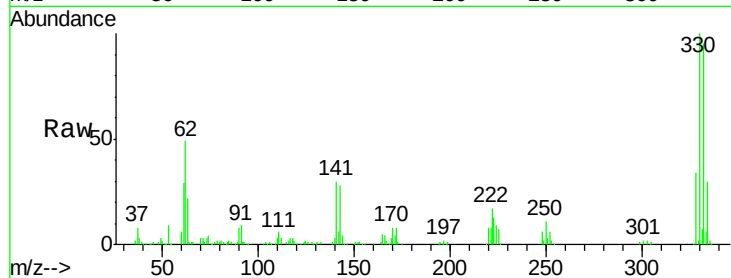




#42
 2,4,6-Tribromophenol
 Concen: 74.687 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

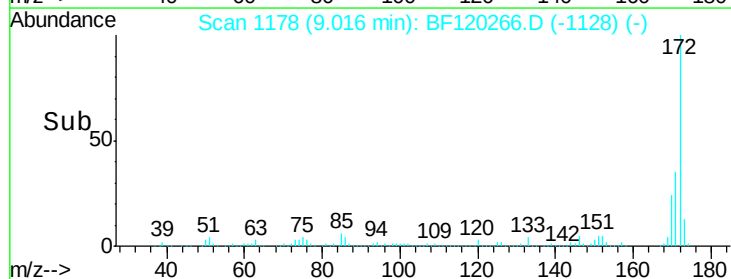
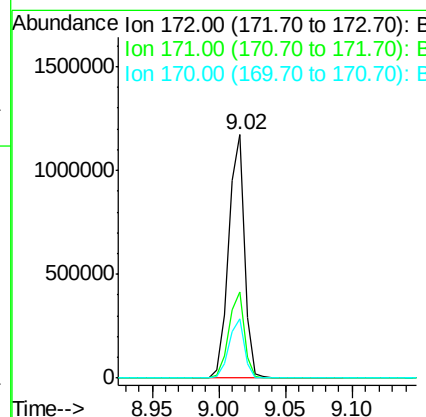
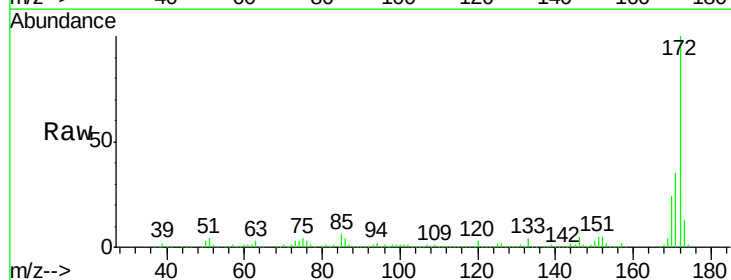
Instrument :
 BNA_F
 ClientSampleId :

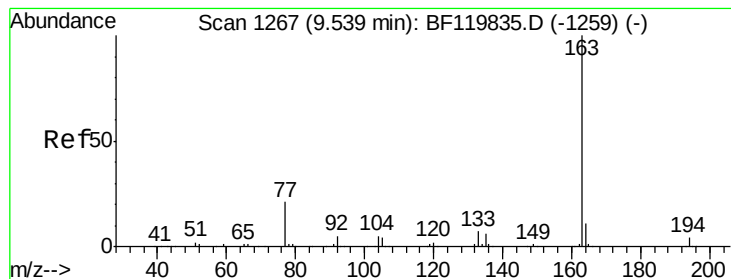
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	34.3	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 68.170 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.1	20.2	30.2





#50

Dimethylphthalate

Concen: 3.291 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

Instrument :

BNA_F

ClientSampleId :

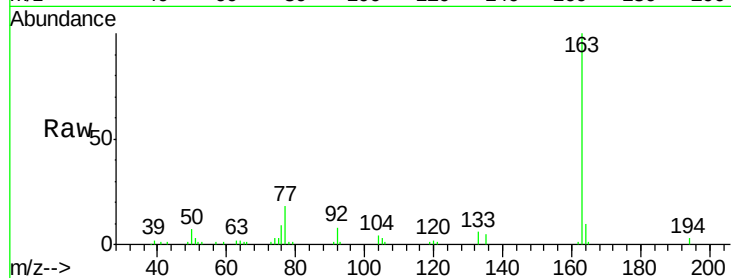
Tot Ion:163 Resp: 52429

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

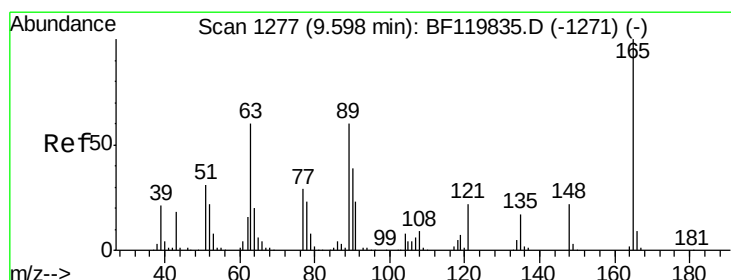
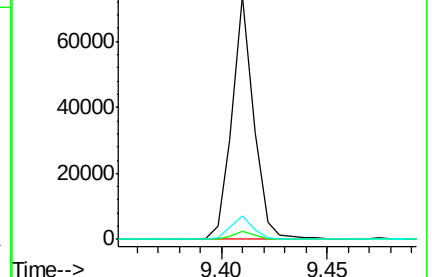
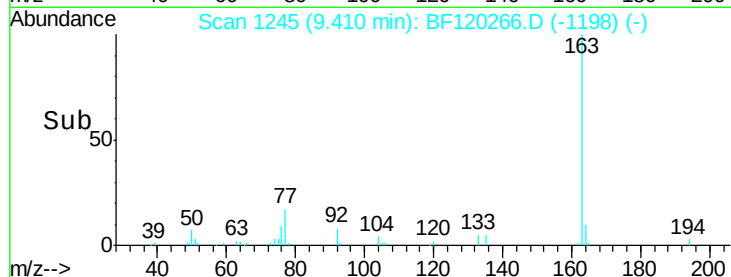
164 9.8 8.2 12.2



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: 7.545 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.19 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

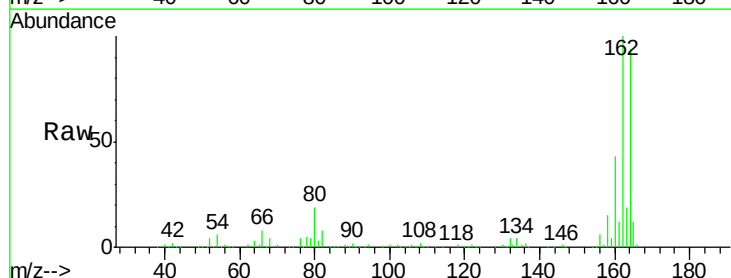
Tgt Ion:165 Resp: 26322

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

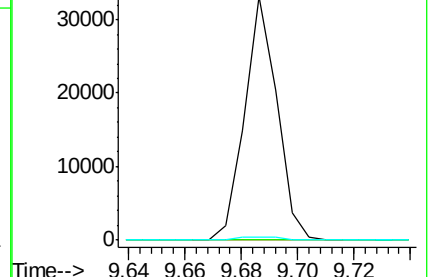
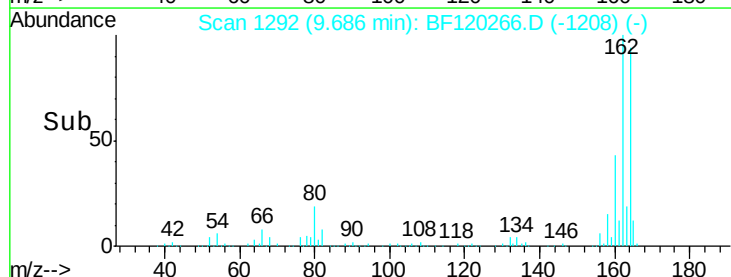
89 1.3 41.5 62.3#

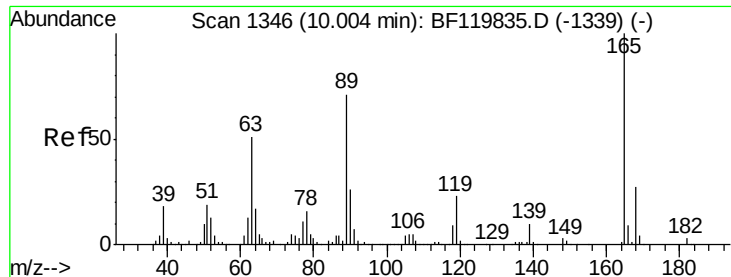


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

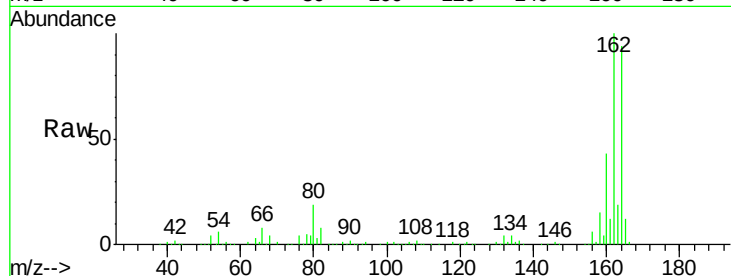




#57
 2,4-Dinitrotoluene
 Concen: 5.727 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

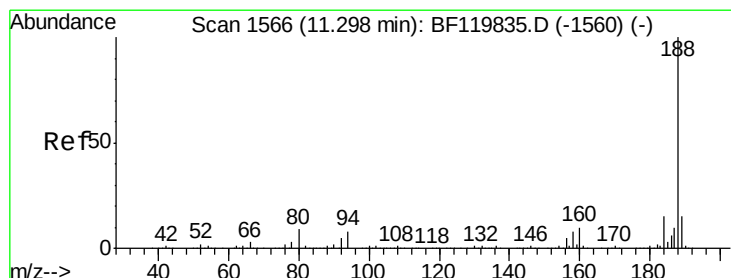
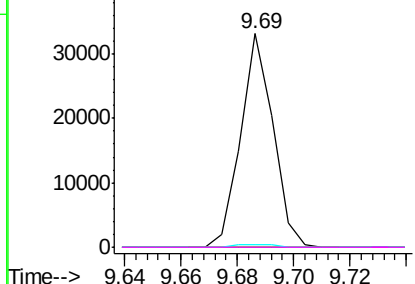
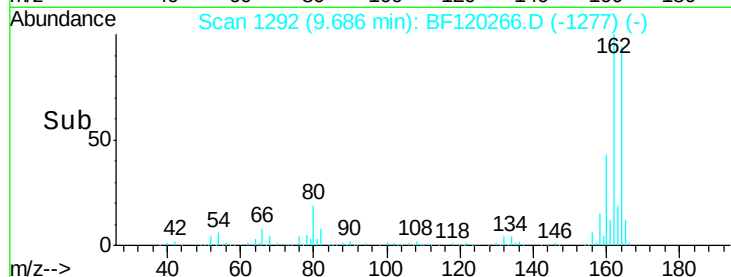


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

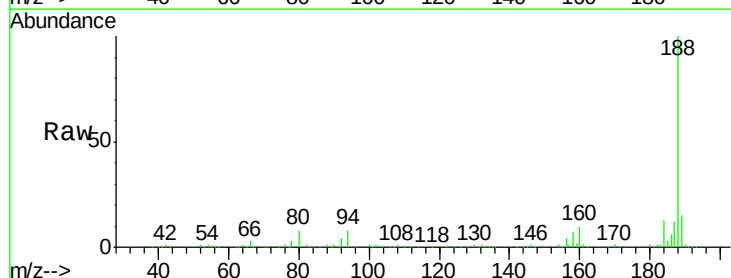
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

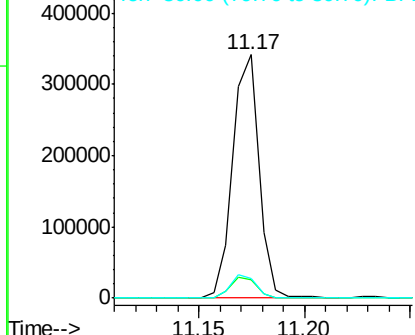
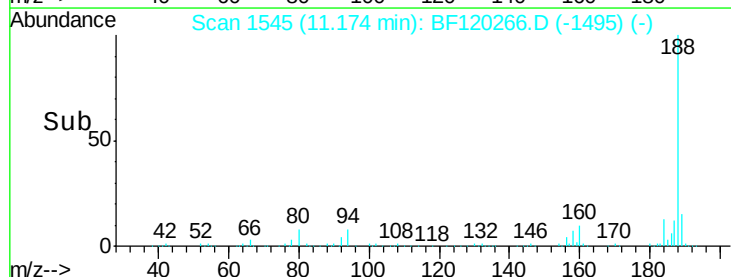
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.5	11.3
80	7.8	9.0	13.4#

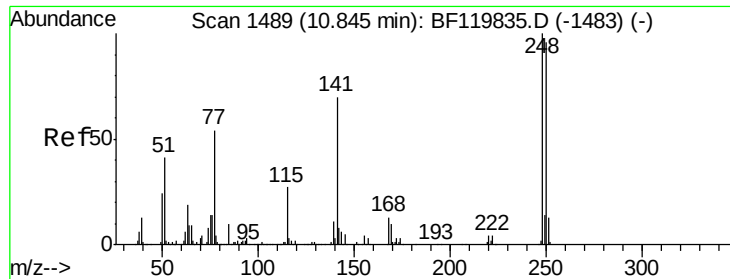


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

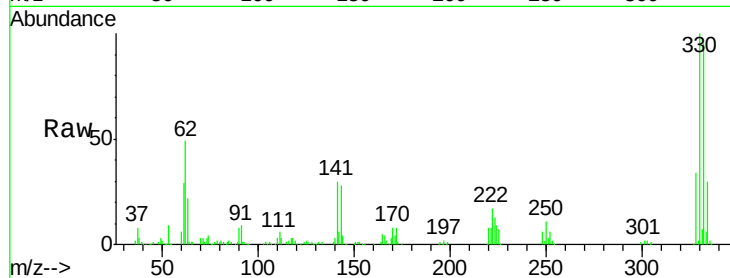




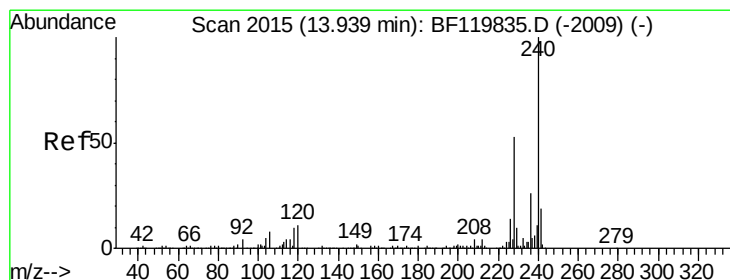
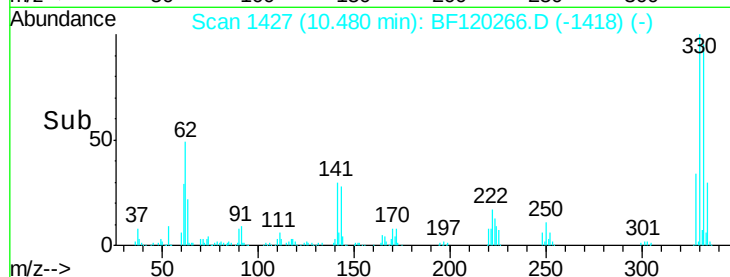
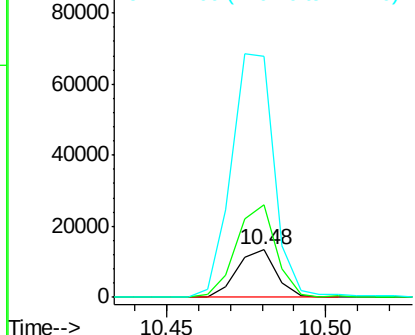
#67
 4-Bromophenyl-phenylether
 Concen: 3.094 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11303
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.3 115.9#
 141 507.1 58.6 87.8#

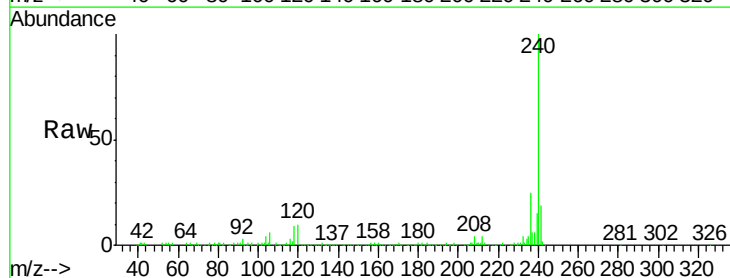


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

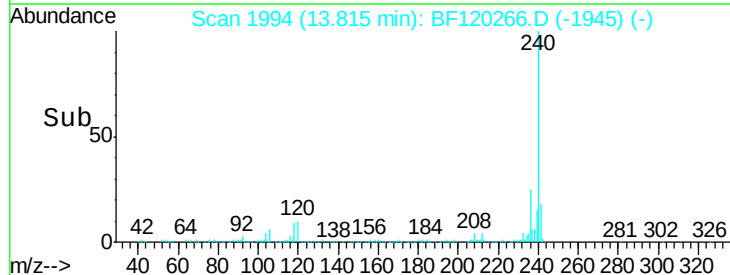
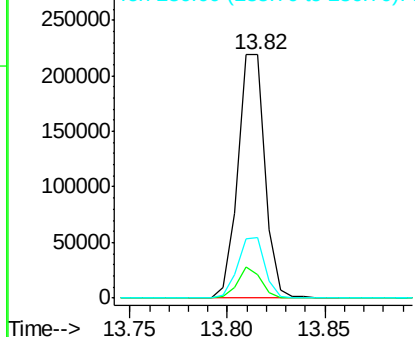


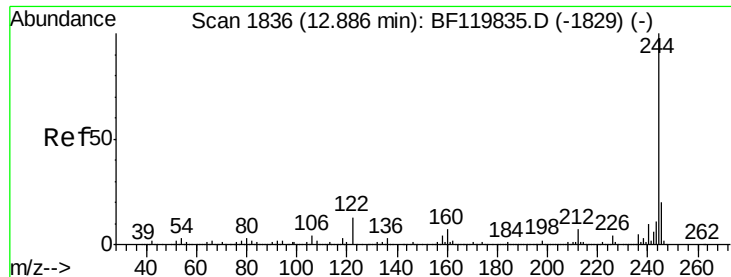
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120266.D
 Acq: 1 May 2020 18:54

Tgt Ion:240 Resp: 210672
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.6 15.8#
 236 25.1 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





#79

Terphenyl-d14

Concen: 57.137 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

Instrument :

BNA_F

ClientSampleId :

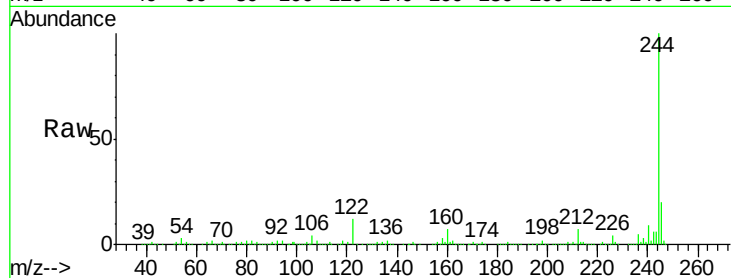
Tot Ion:244 Resp: 715374

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

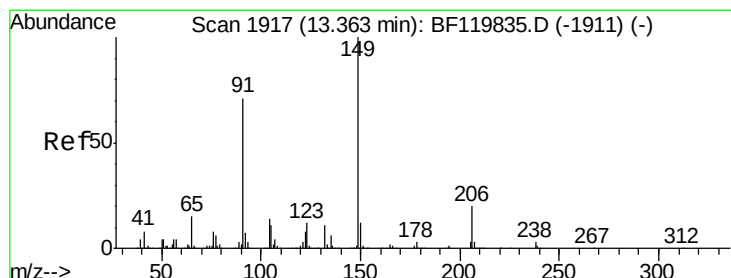
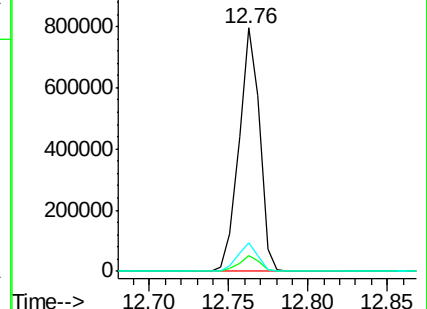
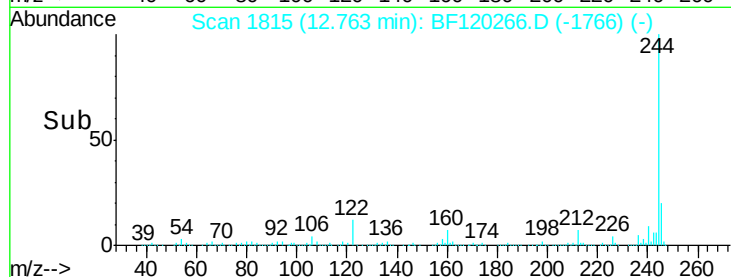
122 12.0 10.3 15.5



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: 2.220 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BF120266.D

Acq: 1 May 2020 18:54

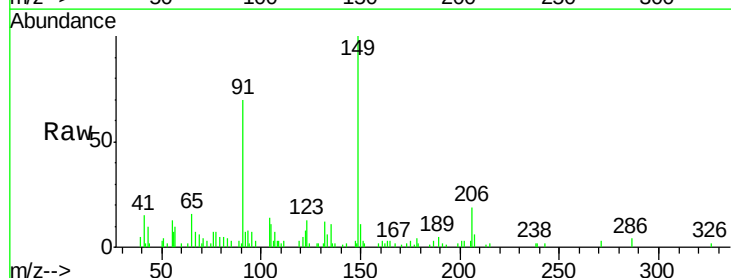
Tgt Ion:149 Resp: 19135

Ion Ratio Lower Upper

149 100

91 69.5 54.7 82.1

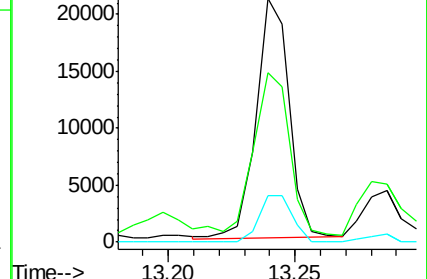
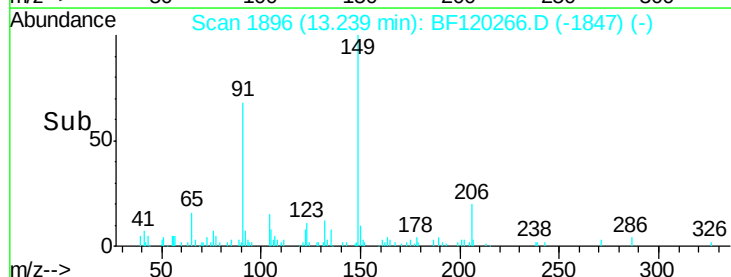
206 19.2 16.2 24.2

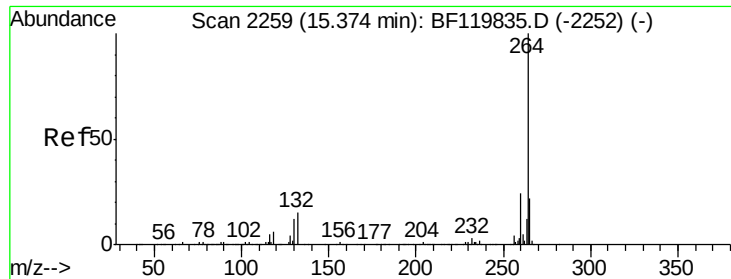


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

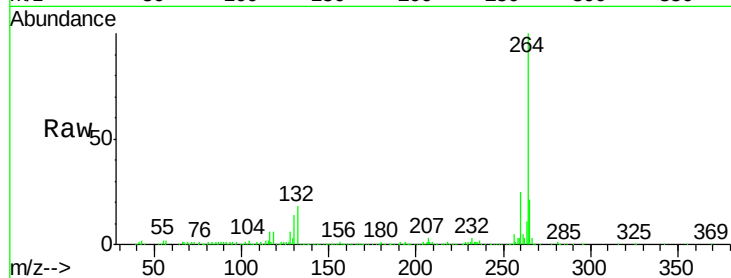




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF120266.D
Acq: 1 May 2020 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

