

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119120.D
 Acq On : 27 Feb 2020 20:09
 Operator : CG/JU
 Sample : L1700-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:57:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

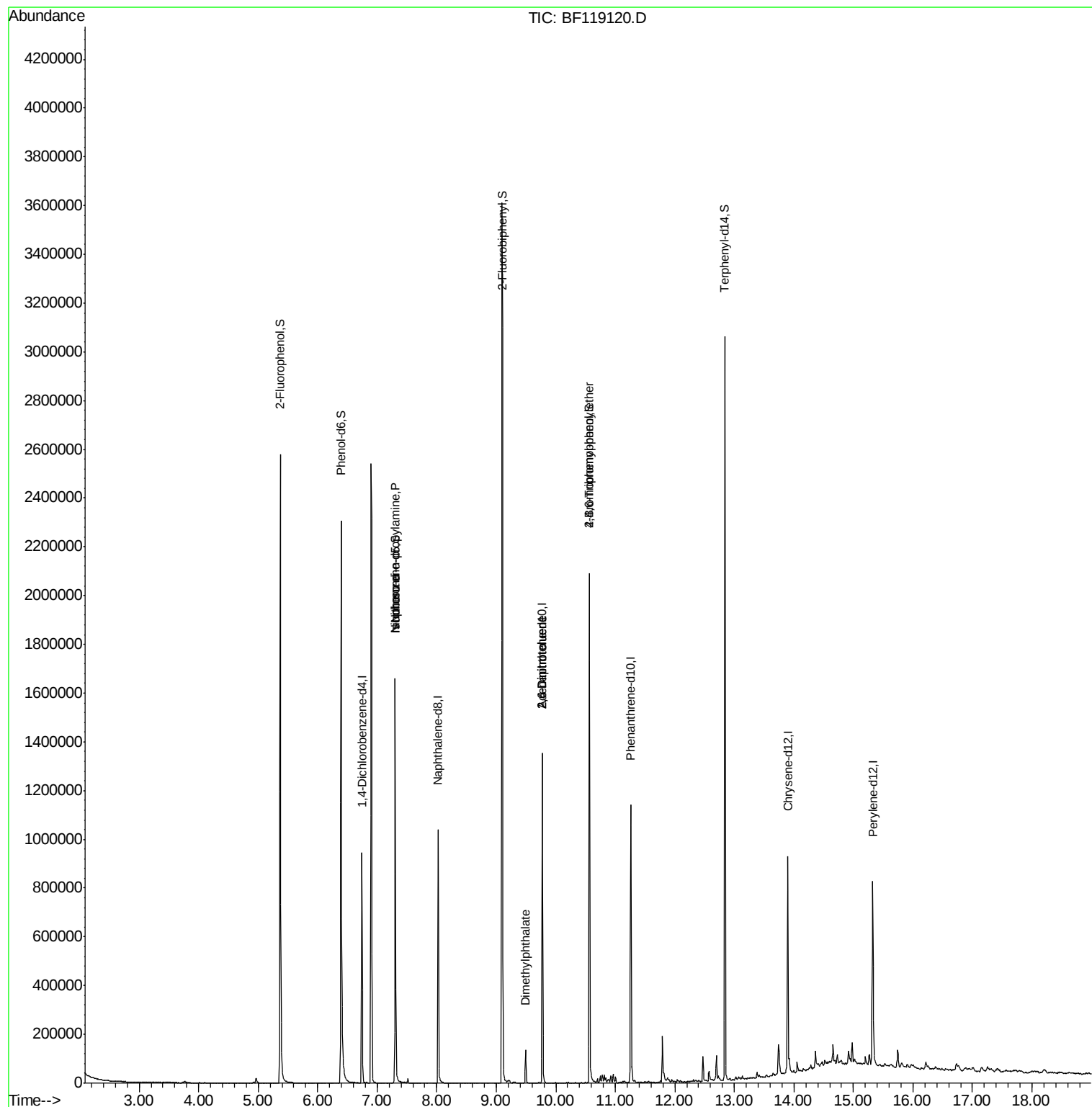
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145241	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	537940	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	271561	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	456842	20.00	ng	0.00
76) Chrysene-d12	13.90	240	293886	20.00	ng	0.00
87) Perylene-d12	15.32	264	354857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	814147	93.68	ng	0.00
7) Phenol-d6	6.39	99	991704	93.82	ng	-0.01
23) Nitrobenzene-d5	7.30	82	642407	63.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	293054	82.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1210422	65.66	ng	-0.01
79) Terphenyl-d14	12.85	244	1156100	67.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	88188	14.319	ng	# 74
25) Isophorone	7.30	82	629069	35.553	ng	# 63
50) Dimethylphthalate	9.49	163	57018	2.746	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	34428	7.462	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	34428	5.757	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	19051	3.190	ng	# 1

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

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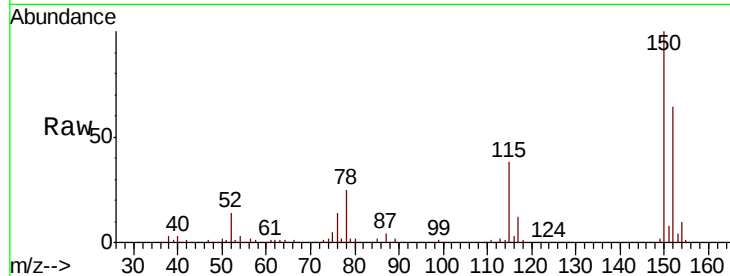


#1

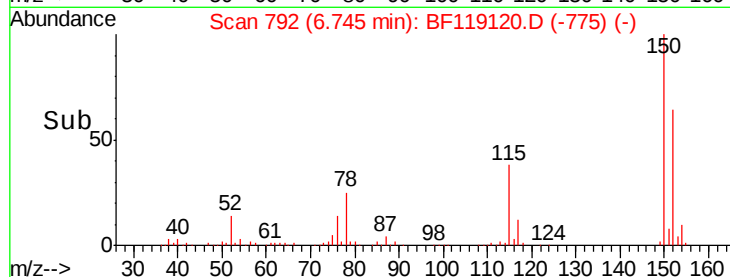
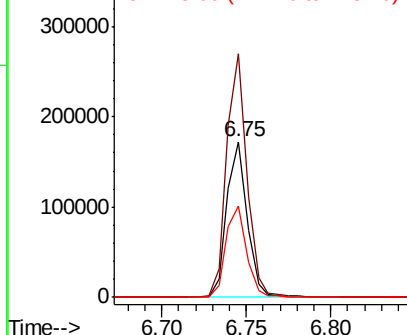
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145241
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.9 49.5 74.3



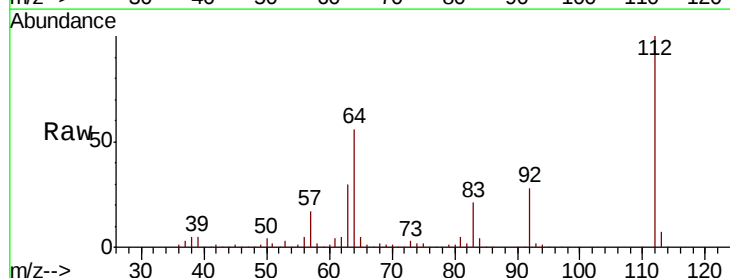
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



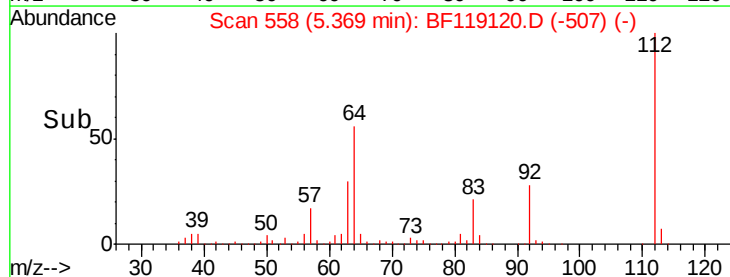
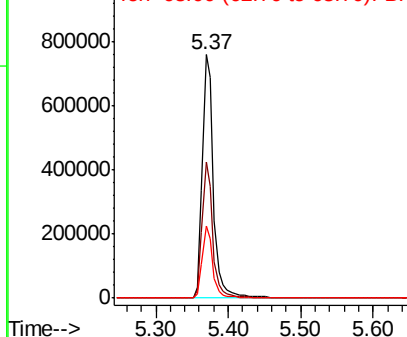
#5

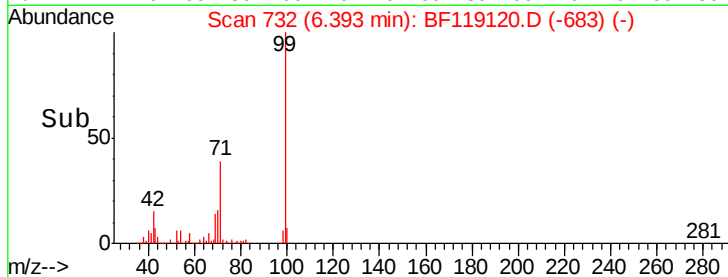
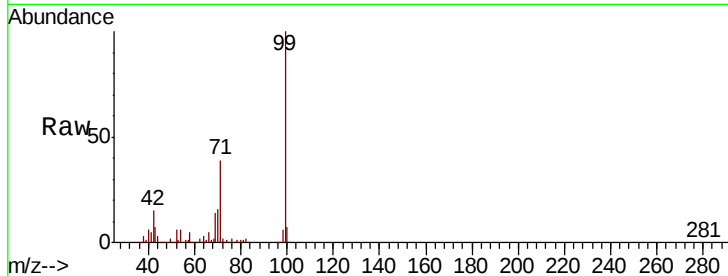
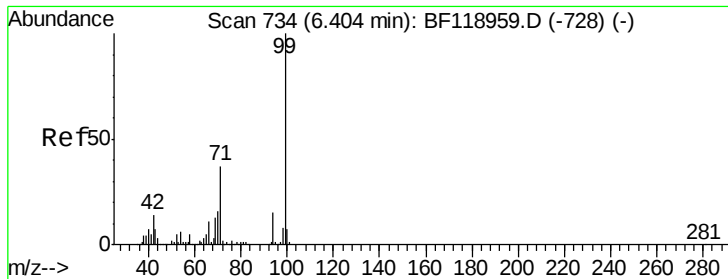
2-Fluorophenol
Concen: 93.678 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Tgt Ion:112 Resp: 814147
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 29.8 24.2 36.4



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: 93.824 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Instrument :

BNA_F

ClientSampled :

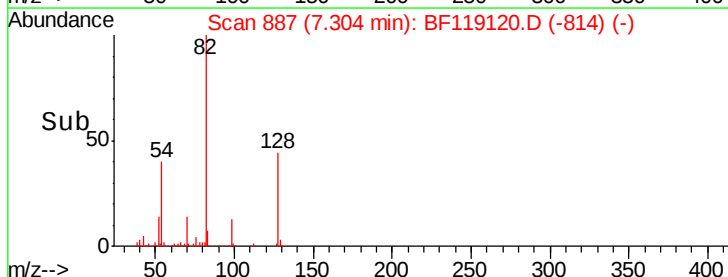
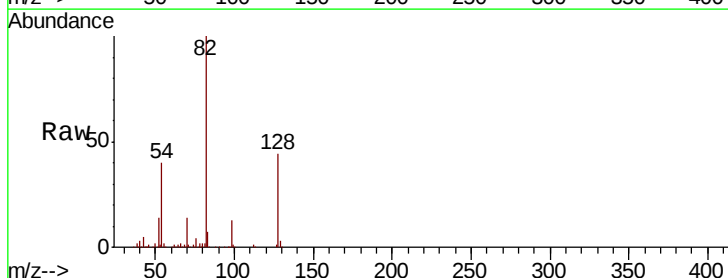
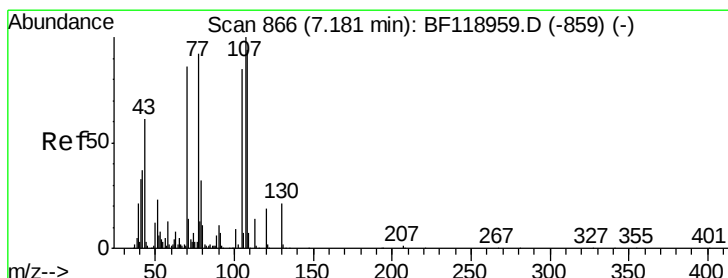
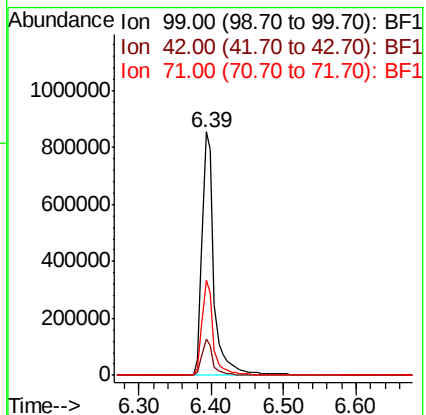
Tot Ion: 99 Resp: 991704

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.319 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Tgt Ion: 70 Resp: 88188

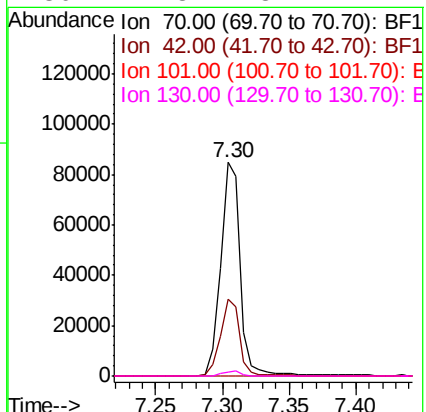
Ion Ratio Lower Upper

70 100

42 36.2 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#

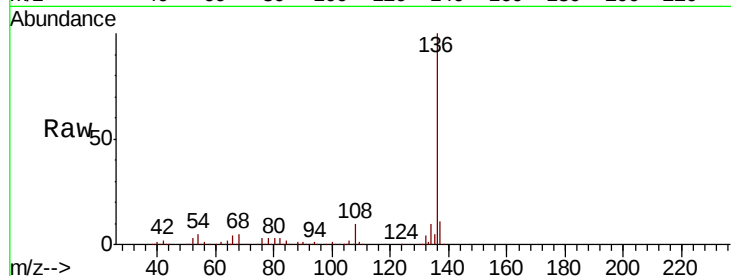




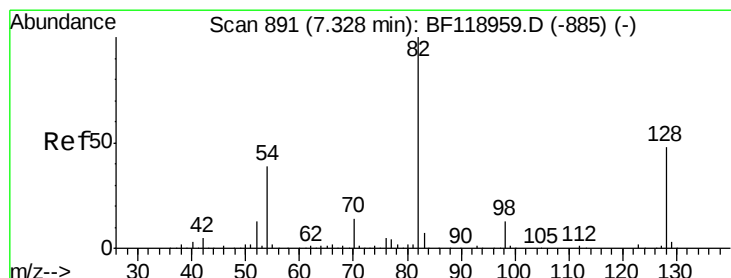
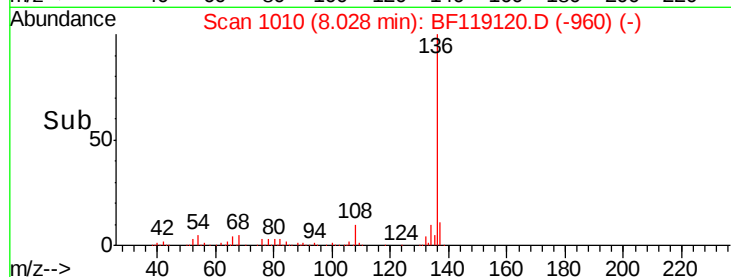
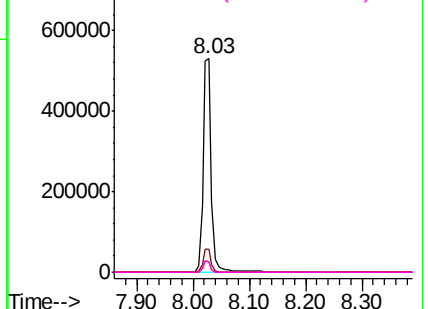
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	537940	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 4.5	3.8	5.6	
68 4.9	3.9	5.9	

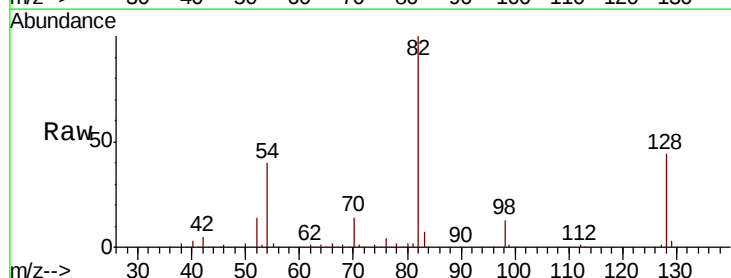


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

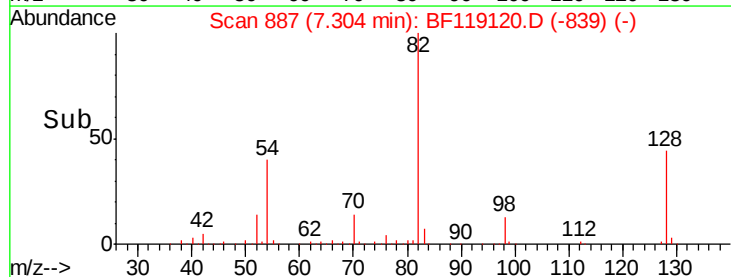
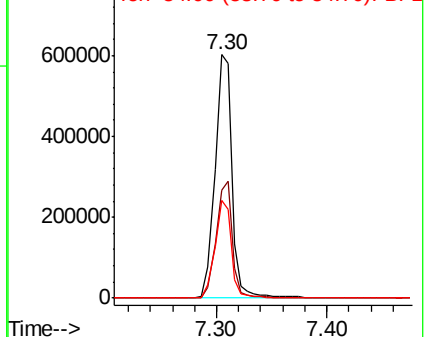


#23
Nitrobenzene-d5
Concen: 63.054 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Tgt	Ion: 82	Resp:	642407
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.9	56.9
54	40.1	33.4	50.2



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: 35.553 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Instrument :

BNA_F

ClientSampleId :

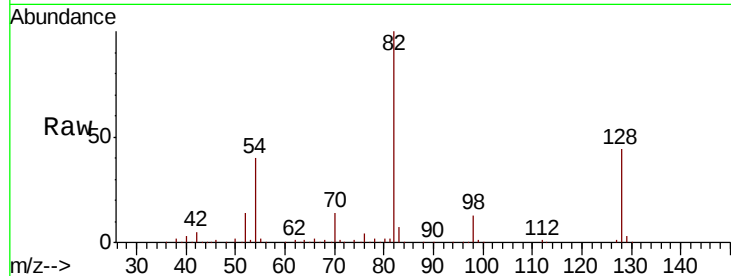
Tot Ion: 82 Resp: 629069

Ion Ratio Lower Upper

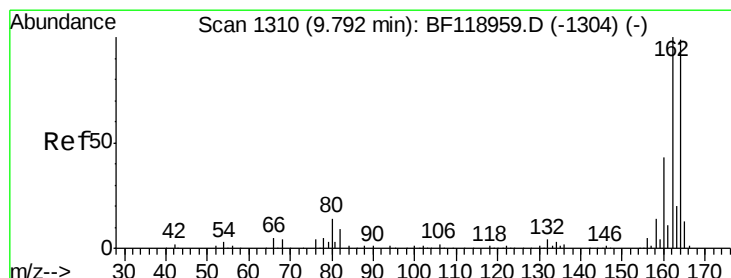
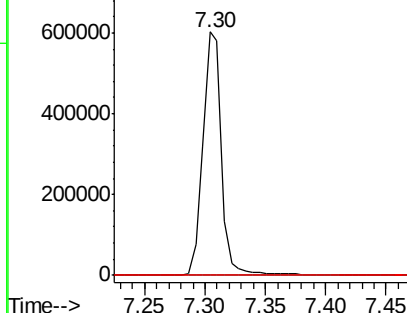
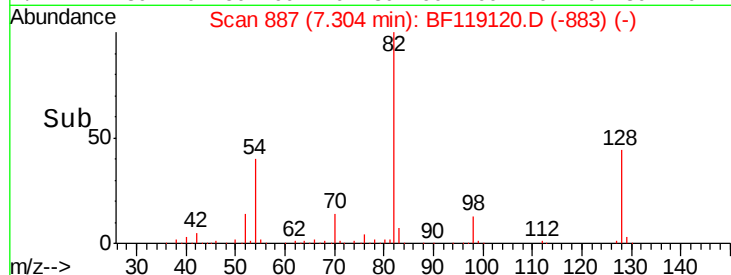
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

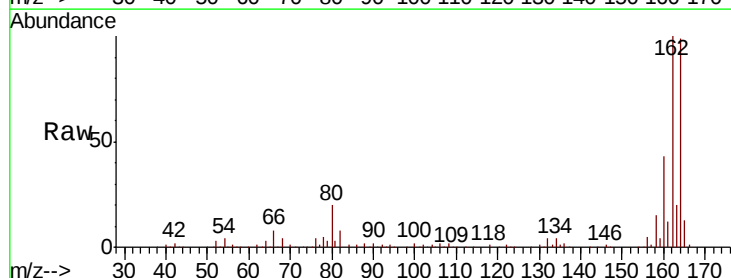
Tgt Ion: 164 Resp: 271561

Ion Ratio Lower Upper

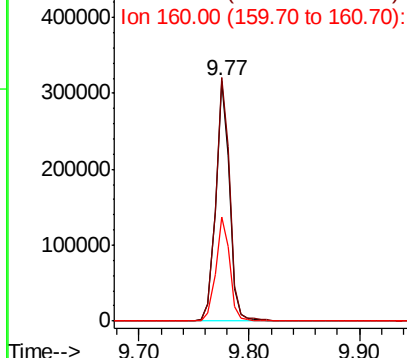
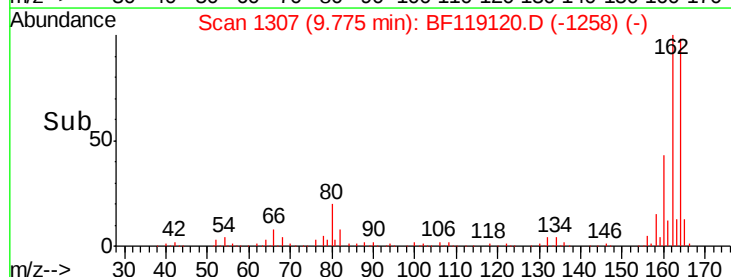
164 100

162 101.4 81.8 122.8

160 43.4 36.0 54.0



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

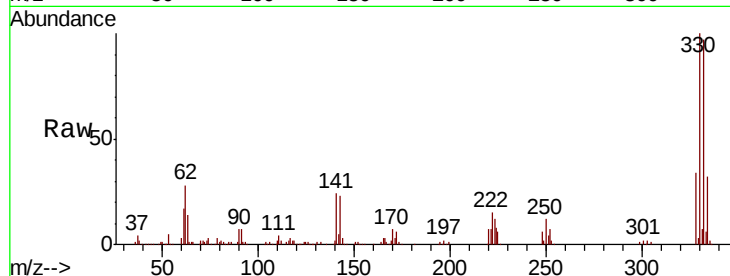




#42
 2,4,6-Tribromophenol
 Concen: 82.493 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	30.5	22.9	34.3

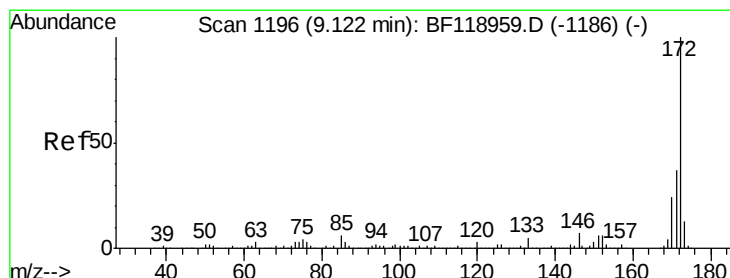
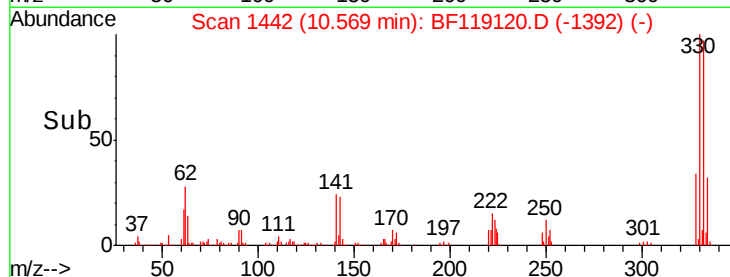
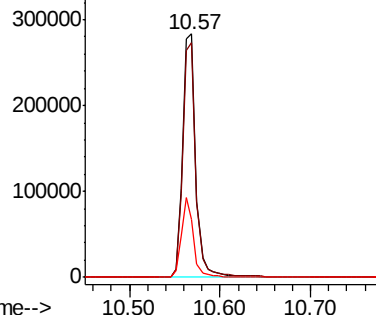


Abundance

Ion 329.80 (329.50 to 330.50): E

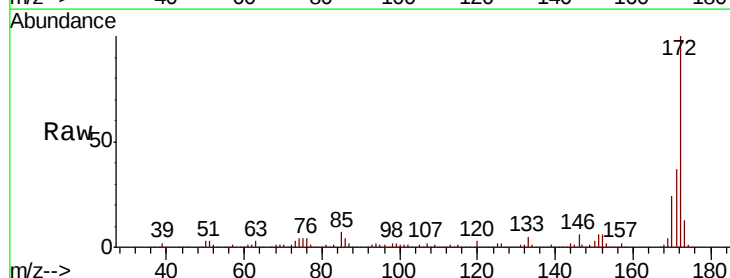
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.663 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.9	20.2	30.2

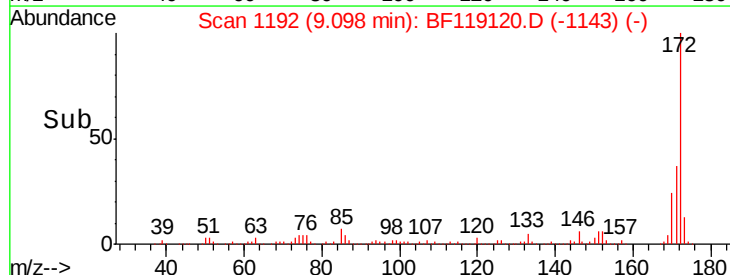
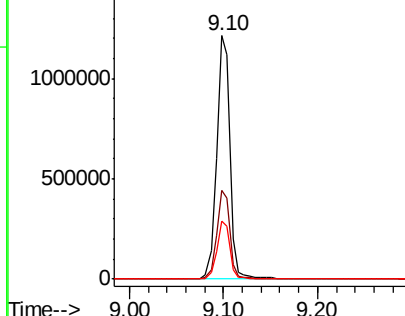


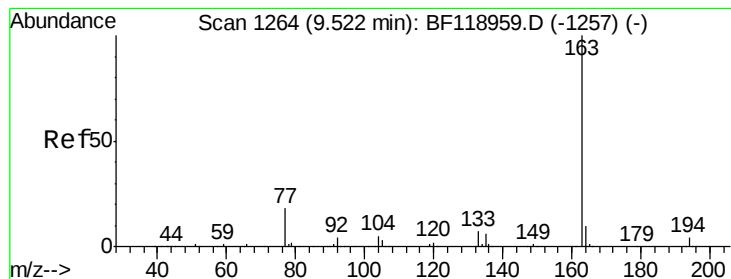
Abundance

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





#50

Dimethylphthalate

Concen: 2.746 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Instrument :

BNA_F

ClientSampleId :

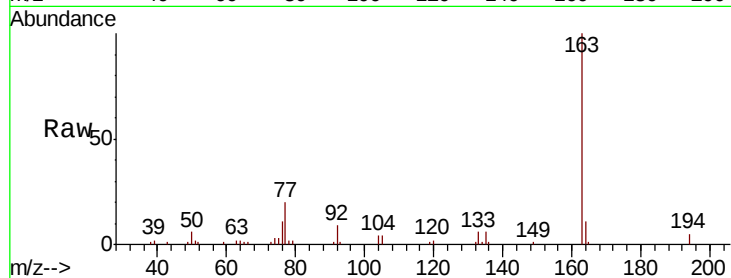
Tot Ion:163 Resp: 57018

Ion Ratio Lower Upper

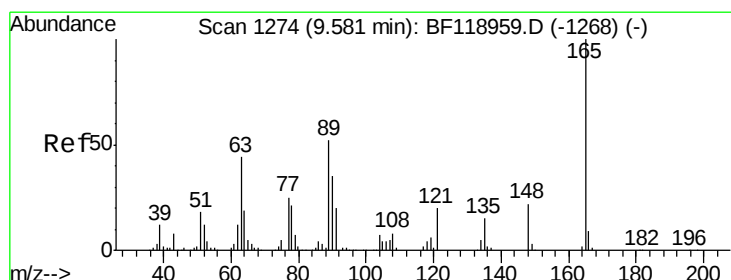
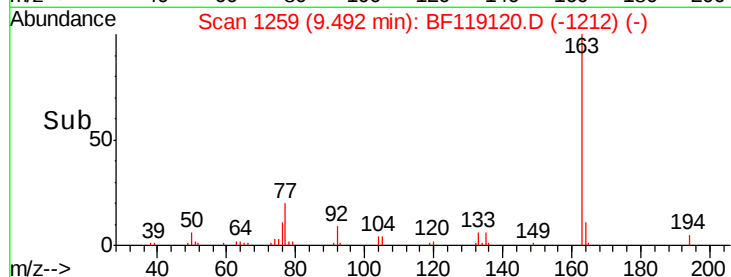
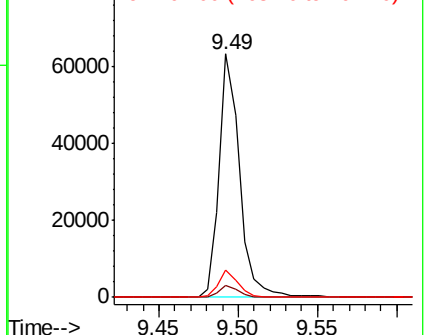
163 100

194 4.7 3.5 5.3

164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.462 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

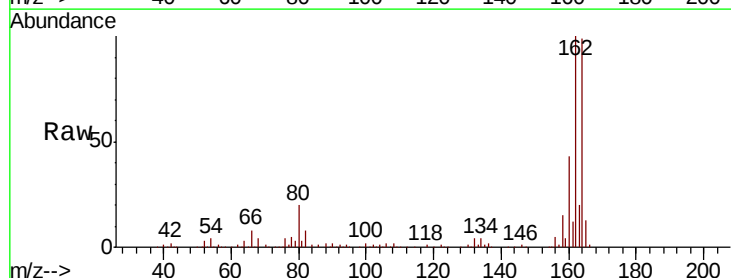
Tgt Ion:165 Resp: 34428

Ion Ratio Lower Upper

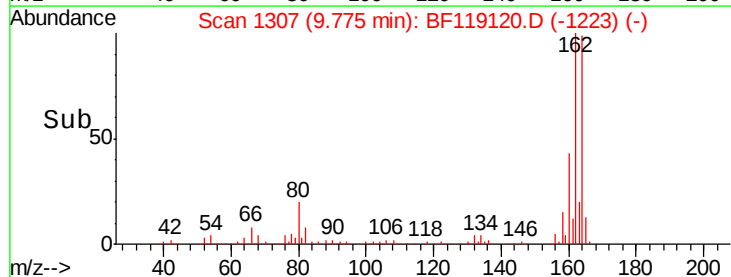
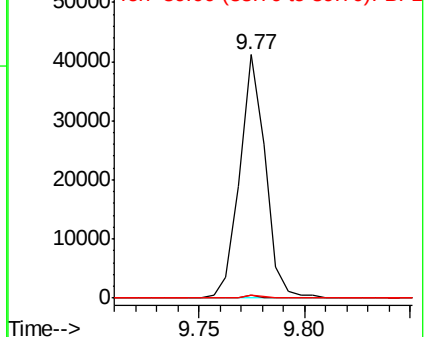
165 100

63 1.3 34.3 51.5#

89 1.2 38.3 57.5#



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

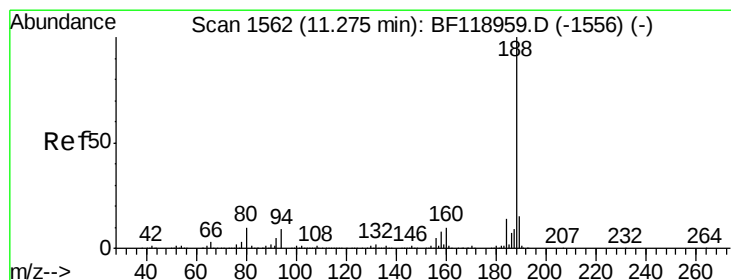
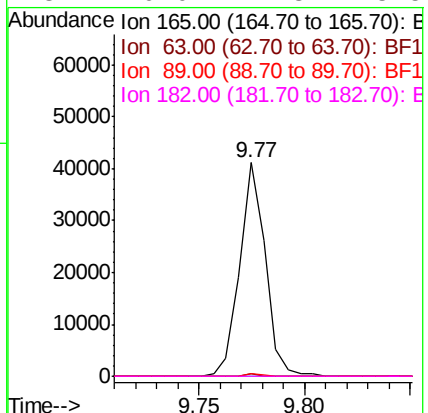
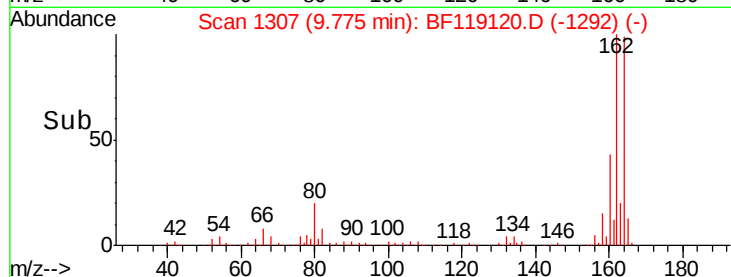
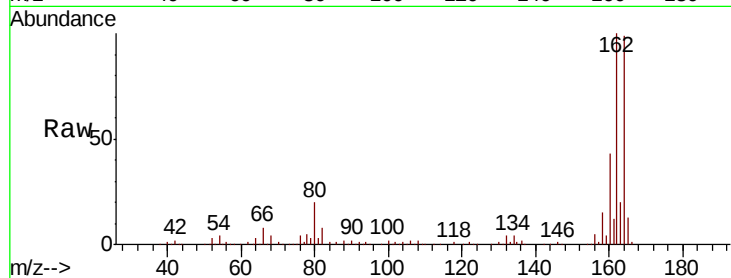




#57
 2,4-Dinitrotoluene
 Concen: 5.757 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

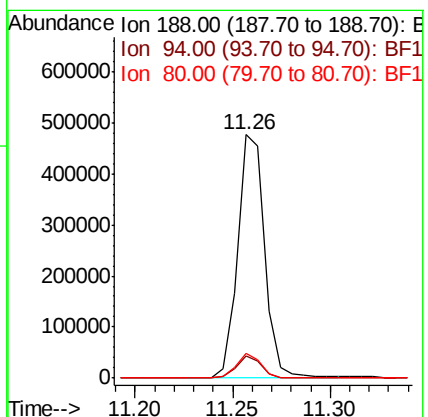
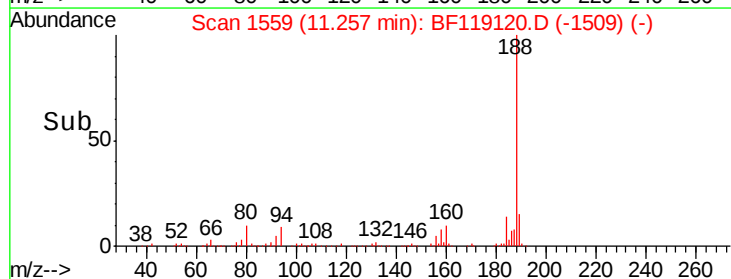
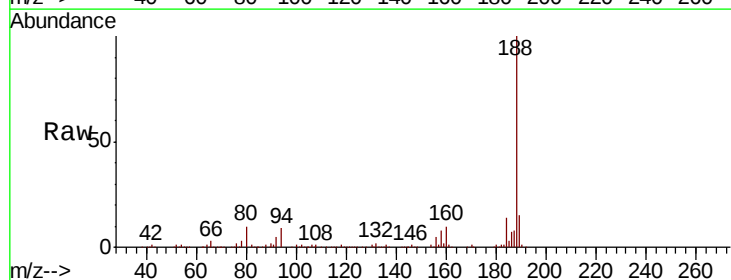
Instrument :
 BNA_F
 ClientSampleId :

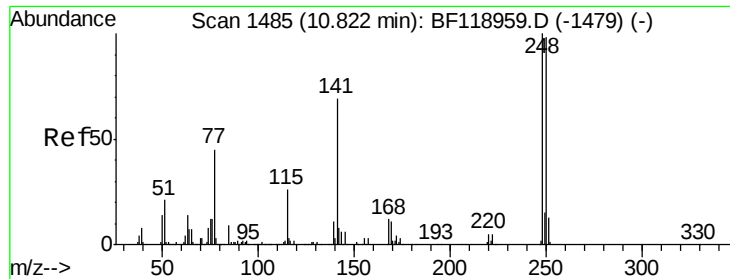
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119120.D
 Acq: 27 Feb 2020 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.1	7.8	11.8

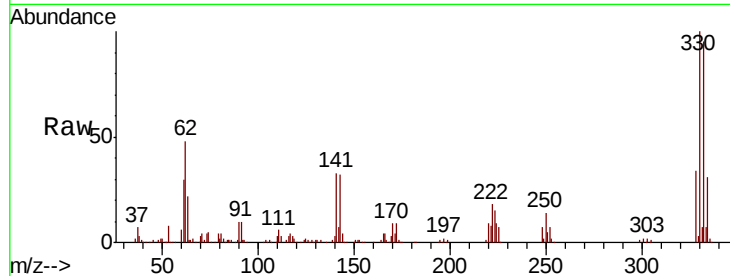




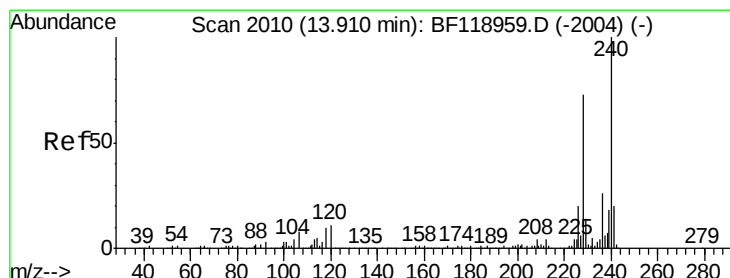
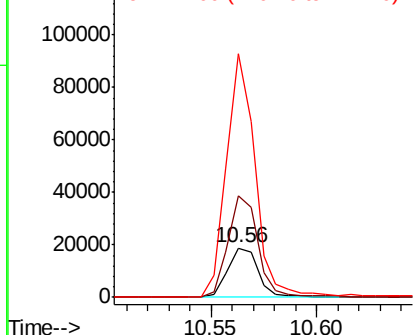
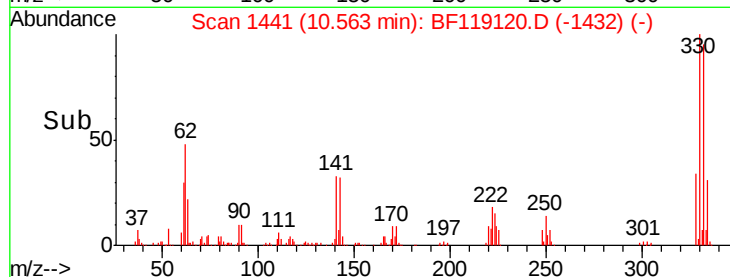
#67
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19051
Ion Ratio Lower Upper
248 100
250 204.5 76.7 115.1#
141 492.2 60.7 91.1#

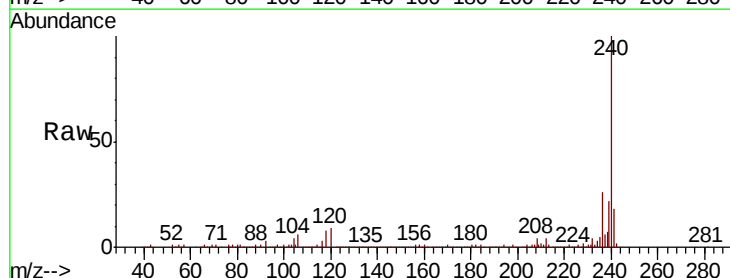


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

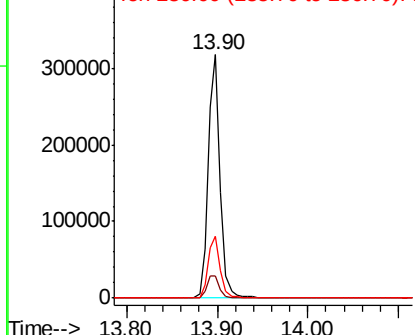
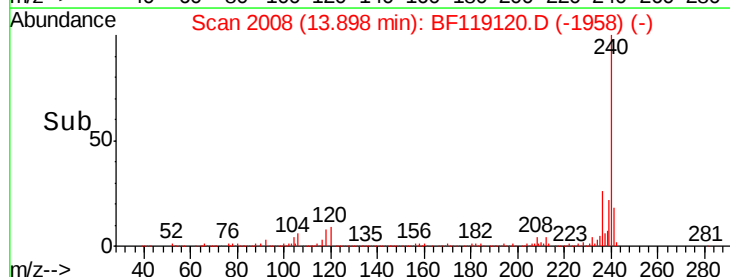


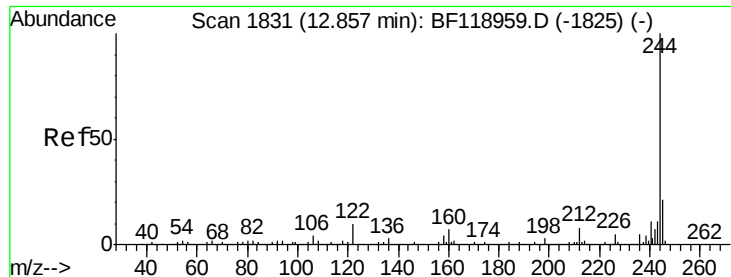
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119120.D
Acq: 27 Feb 2020 20:09

Tgt Ion:240 Resp: 293886
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.7 21.0 31.4



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: 67.728 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

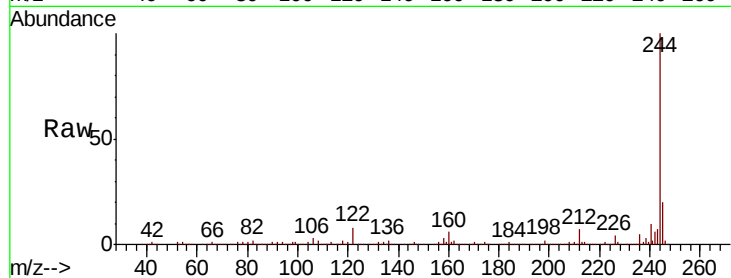
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1156100

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	10.0
122	8.4	8.2	12.2

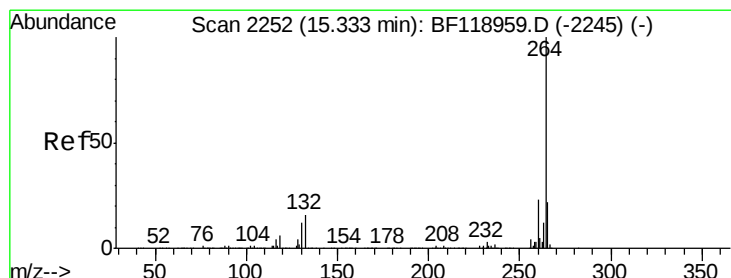
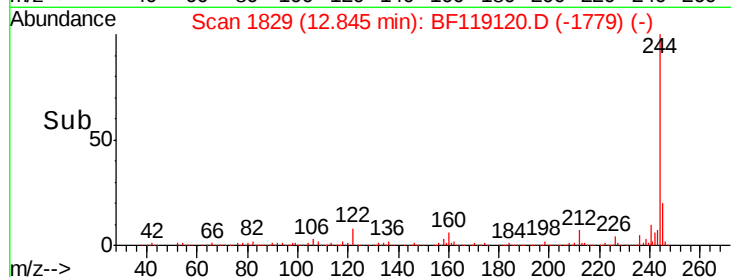
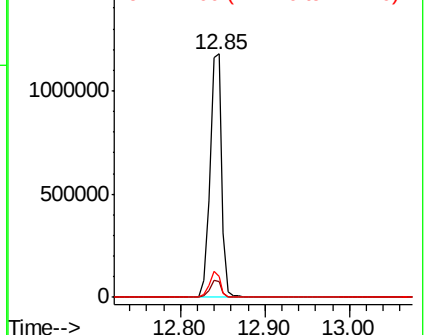


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

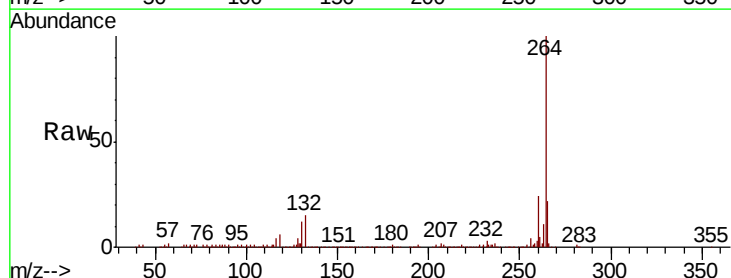
Delta R.T. -0.00 min

Lab File: BF119120.D

Acq: 27 Feb 2020 20:09

Tgt Ion:264 Resp: 354857

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	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

