

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119122.D
 Acq On : 27 Feb 2020 21:08
 Operator : CG/JU
 Sample : L1673-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

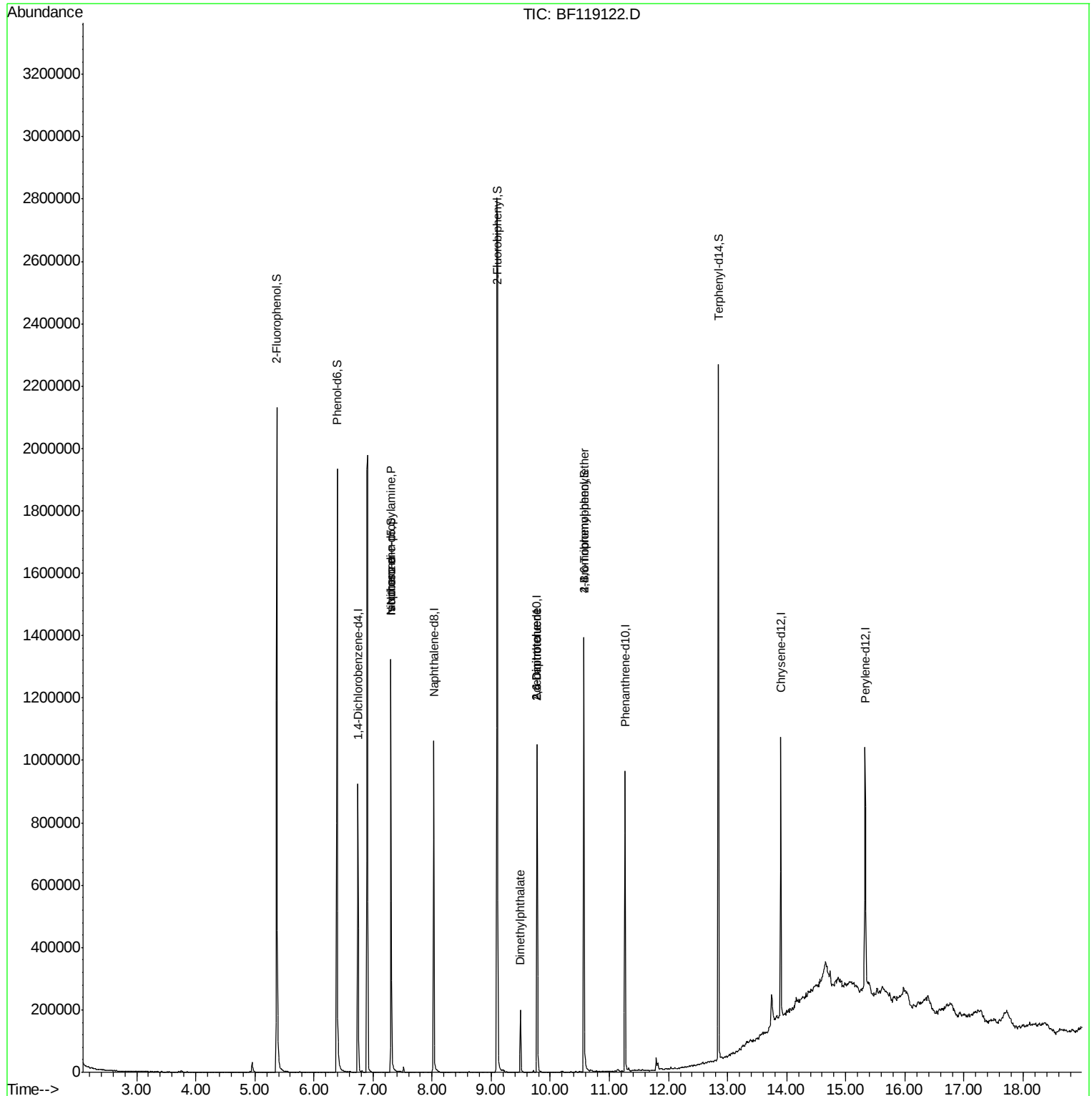
Quant Time: Feb 28 02:57:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	137783	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	491226	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	236635	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	362873	20.00	ng	0.00
76) Chrysene-d12	13.90	240	294686	20.00	ng	0.00
87) Perylene-d12	15.33	264	362656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	644356	78.15	ng	0.00
7) Phenol-d6	6.39	99	766707	76.46	ng	-0.01
23) Nitrobenzene-d5	7.30	82	493700	53.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	190551	61.56	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	950915	59.20	ng	-0.01
79) Terphenyl-d14	12.85	244	844702	49.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	65983	11.293	ng	# 75
25) Isophorone	7.30	82	486255	30.095	ng	# 63
50) Dimethylphthalate	9.49	163	88801	4.907	ng	100
51) 2,6-Dinitrotoluene	9.77	165	29482	7.333	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	29482	5.658	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	12265	2.586	ng	# 1

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

```
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Sample    : L1673-02  
Misc      :  
ALS Vial  : 19      Sample Multiplier: 1
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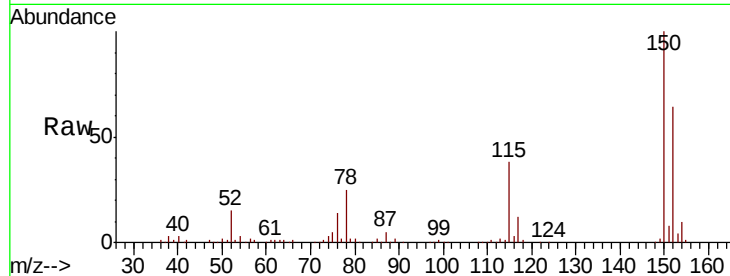


#1

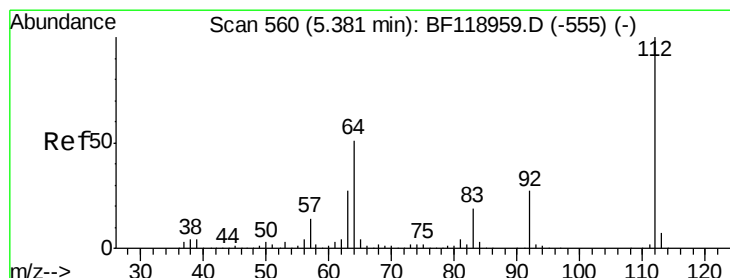
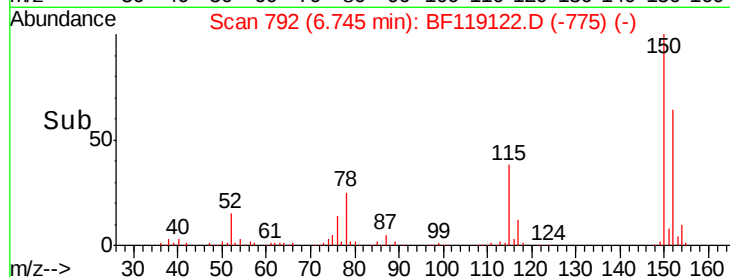
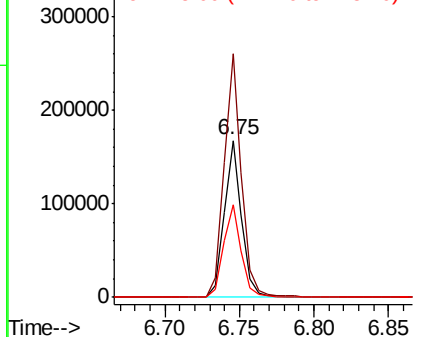
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137783
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.5 49.5 74.3



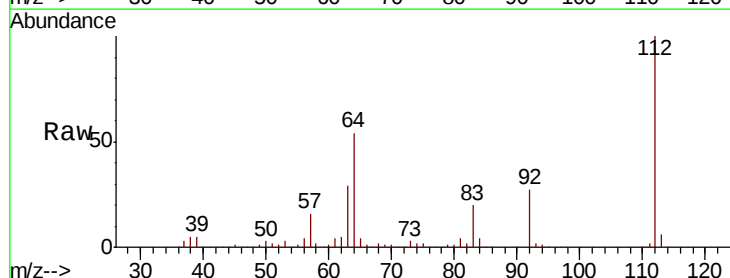
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



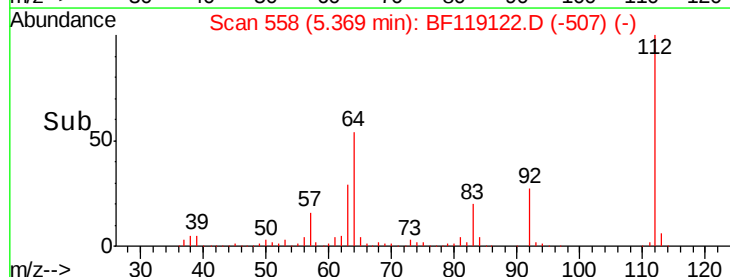
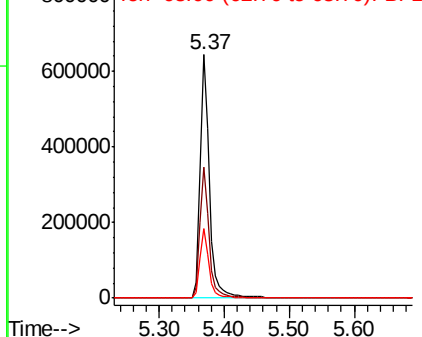
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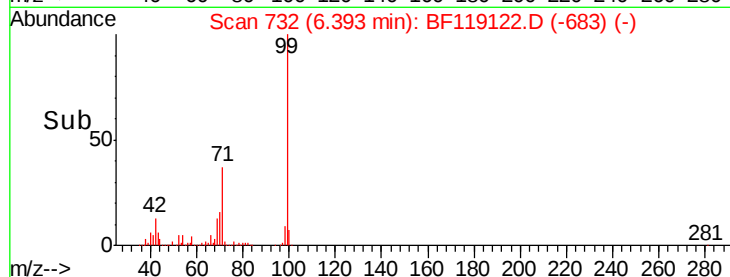
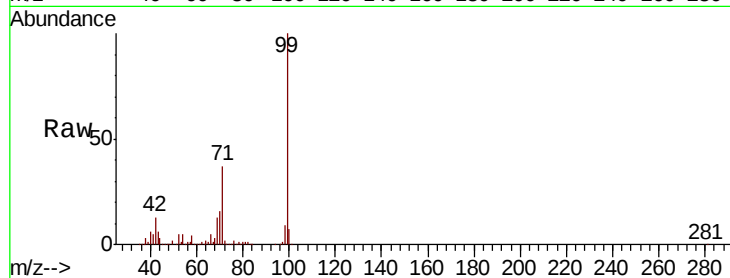
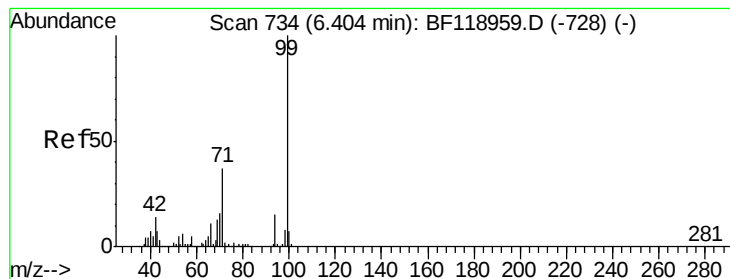
2-Fluorophenol
Concen: 78.154 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Tgt Ion:112 Resp: 644356
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.8 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: 76.464 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

Instrument :

BNA_F

ClientSampleId :

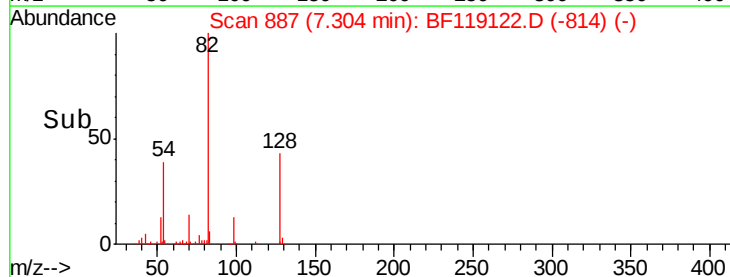
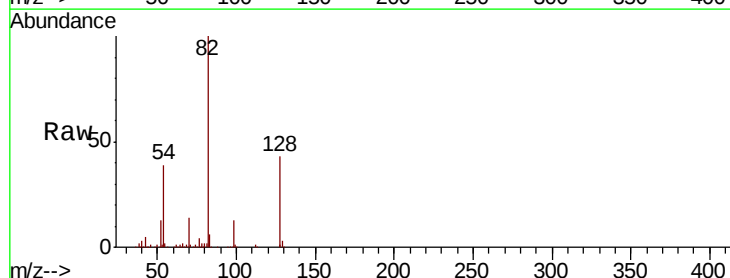
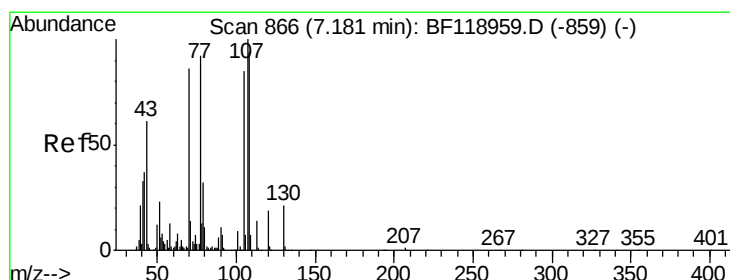
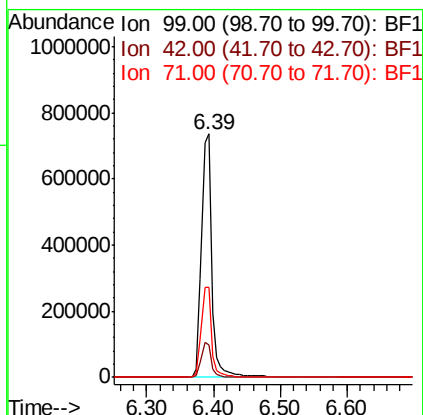
Tot Ion: 99 Resp: 766707

Ion Ratio Lower Upper

99 100

42 13.4 12.6 18.8

71 37.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.293 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

Tgt Ion: 70 Resp: 65983

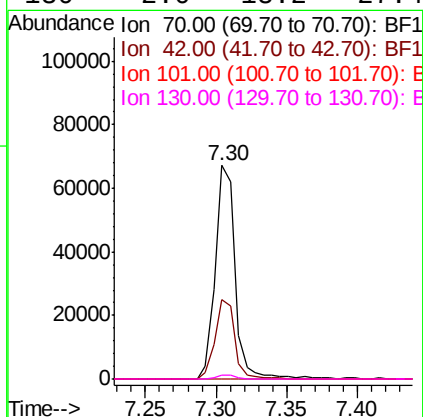
Ion Ratio Lower Upper

70 100

42 37.0 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

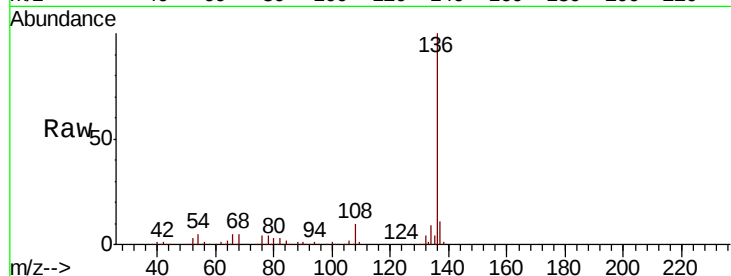




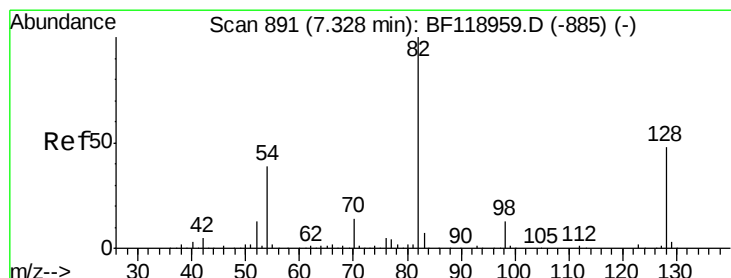
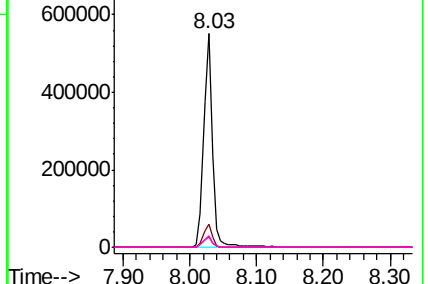
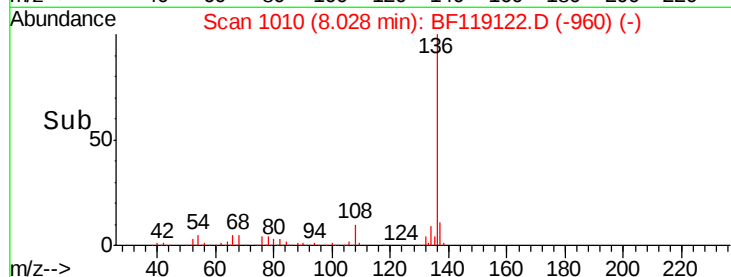
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	491226
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	4.7	3.8 5.6
68	5.3	3.9 5.9

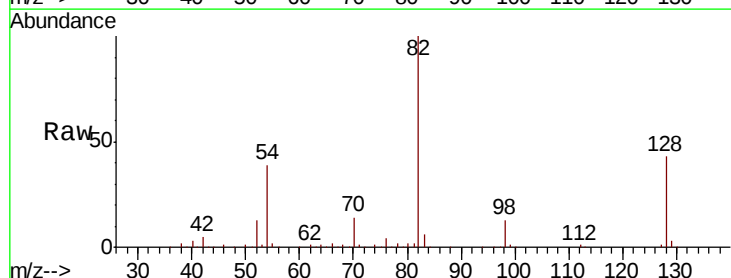


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

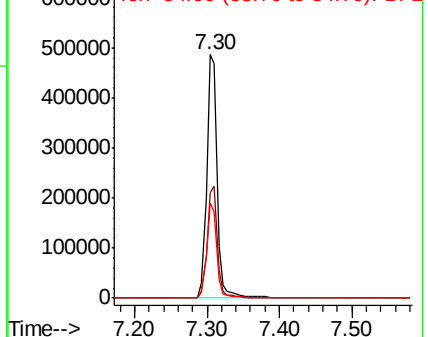
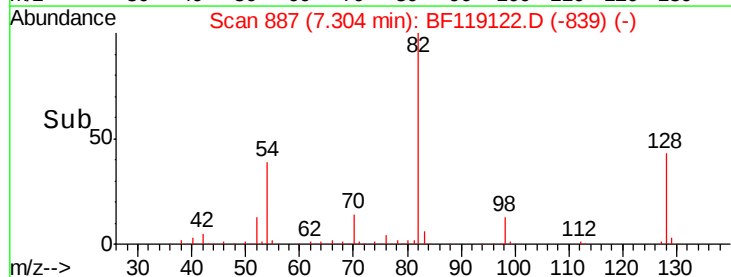


#23
Nitrobenzene-d5
Concen: 53.066 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Tgt Ion: 82	Resp:	493700
Ion	Ratio	Lower Upper
82	100	
128	43.4	37.9 56.9
54	39.3	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

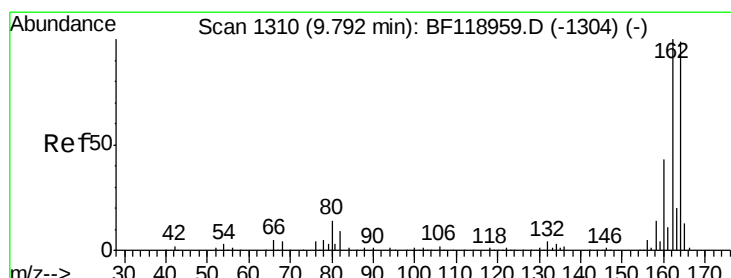
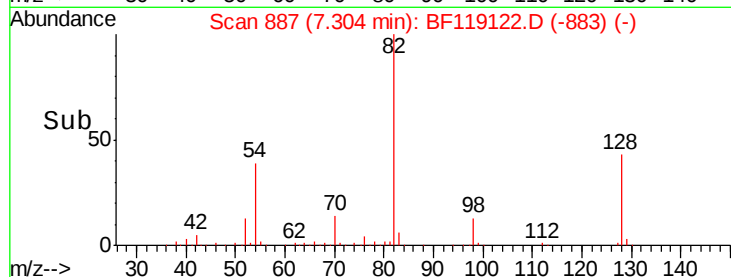
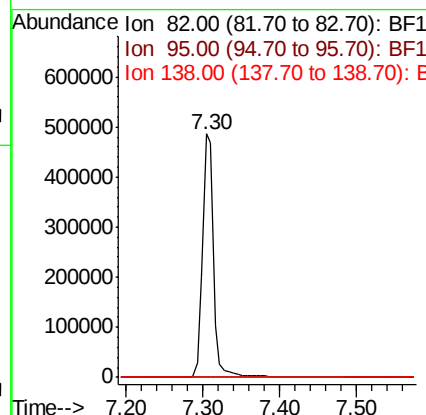
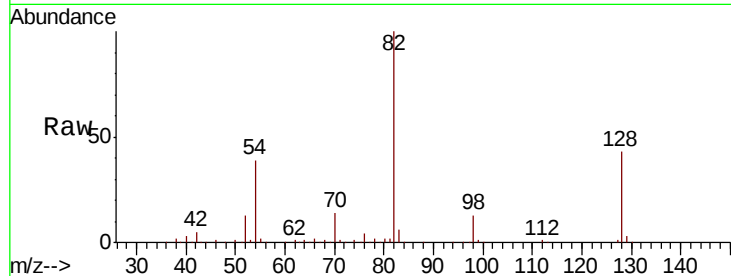




#25
Isophorone
Concen: 30.095 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

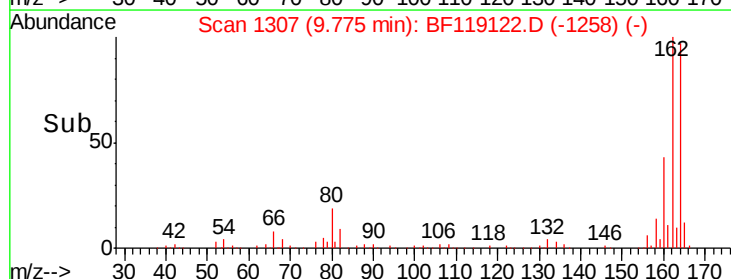
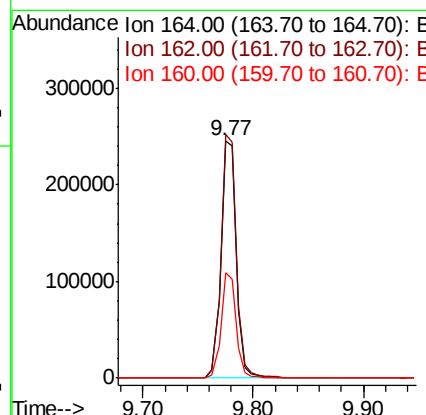
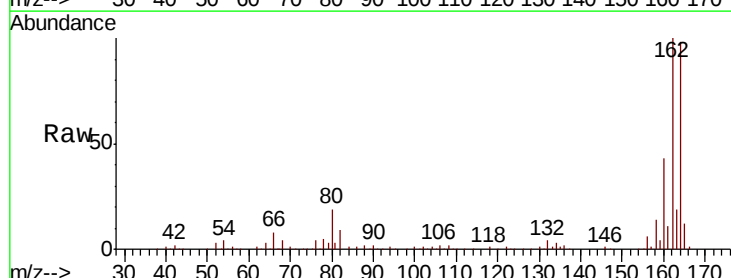
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 486255
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Tgt Ion: 164 Resp: 236635
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.8
160 44.1 36.0 54.0

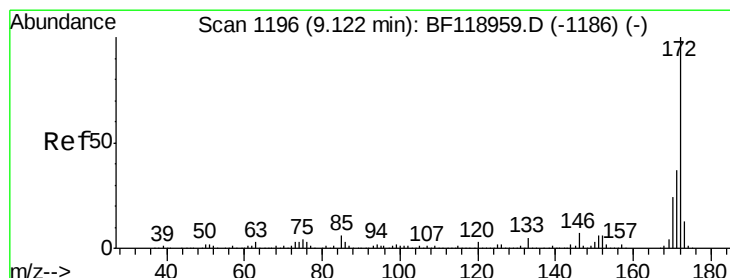
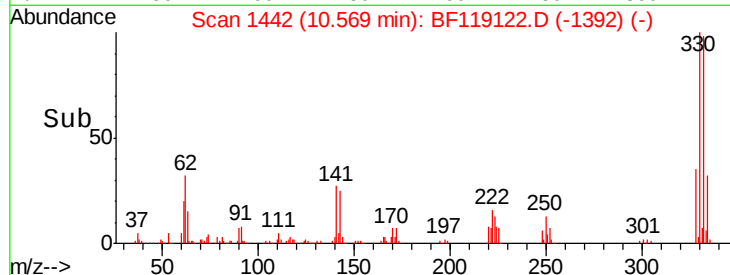
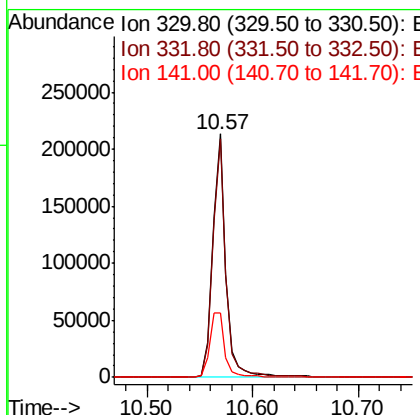
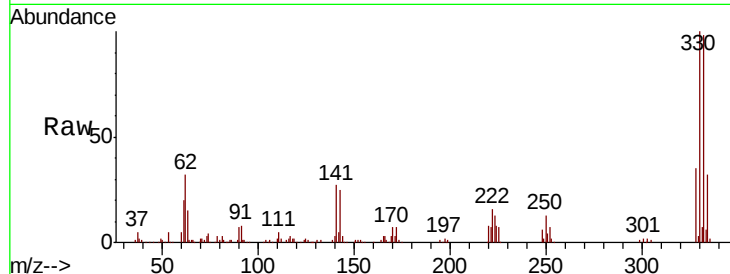




#42
 2,4,6-Tribromophenol
 Concen: 61.556 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119122.D
 Acq: 27 Feb 2020 21:08

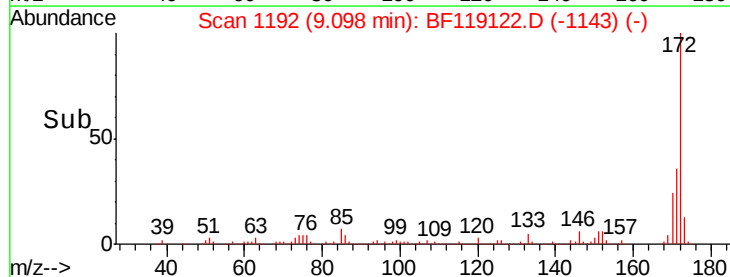
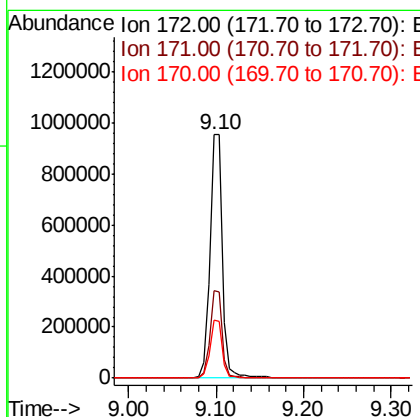
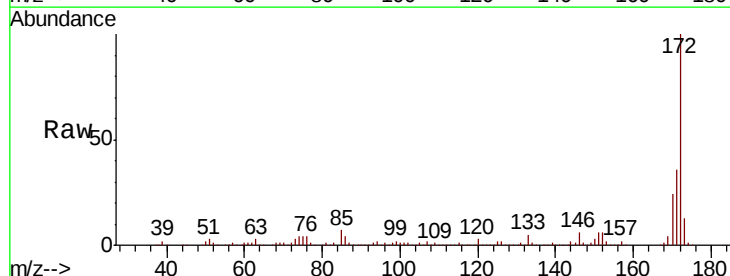
Instrument :
 BNA_F
 ClientSampled :

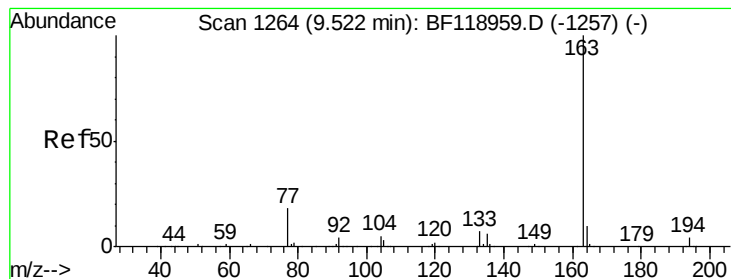
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	30.8	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 59.199 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119122.D
 Acq: 27 Feb 2020 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.8	20.2	30.2





#50

Dimethylphthalate

Concen: 4.907 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

Instrument :

BNA_F

ClientSampleId :

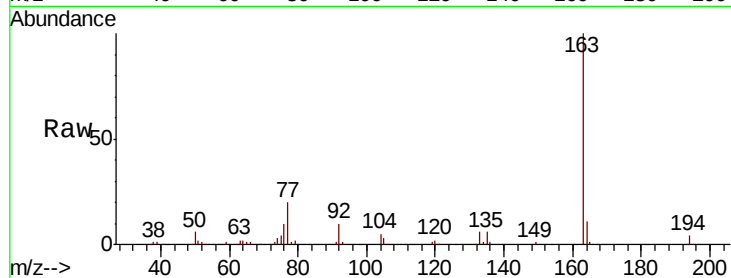
Tot Ion:163 Resp: 88801

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

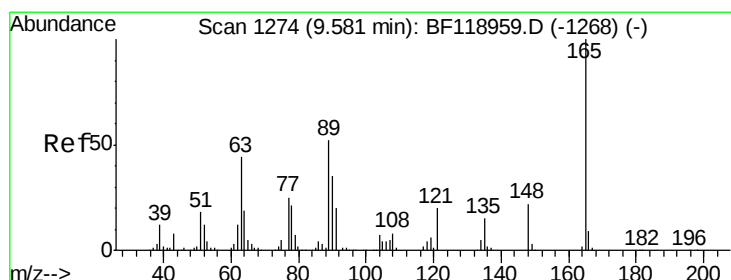
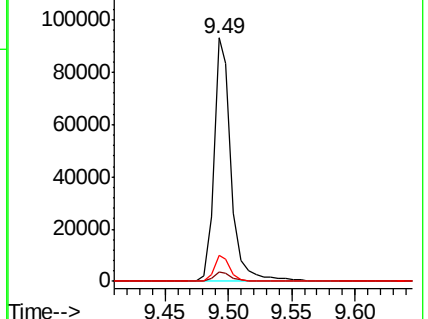
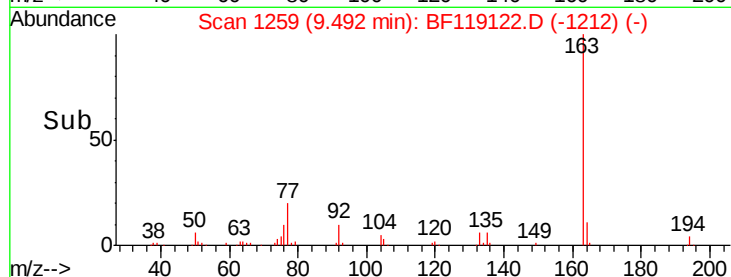
164 10.5 8.4 12.6



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: 7.333 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

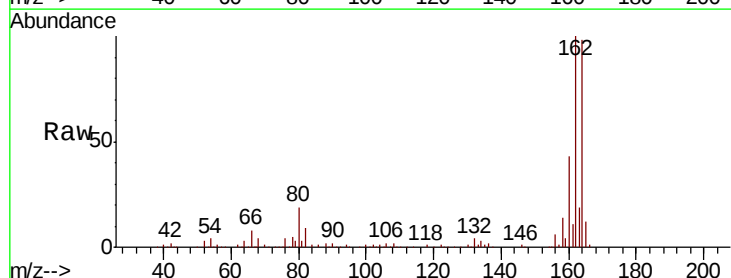
Tgt Ion:165 Resp: 29482

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

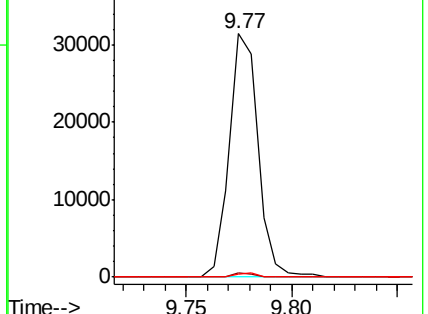
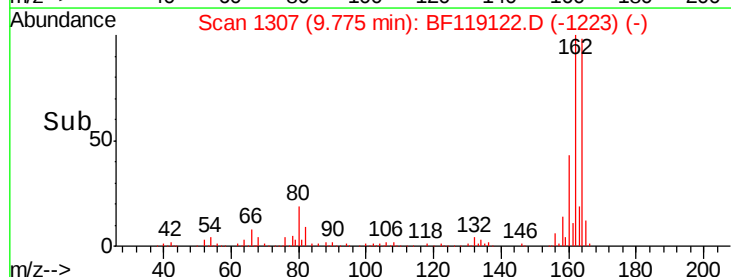
89 1.5 38.3 57.5#

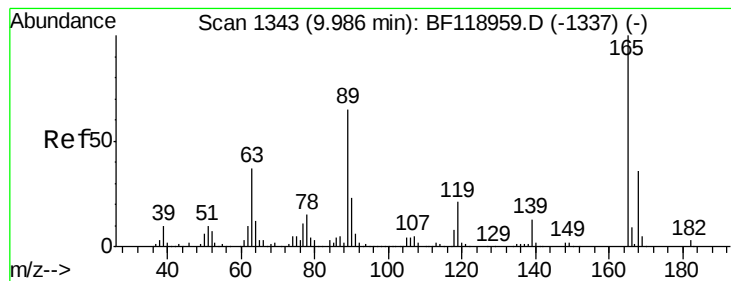


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

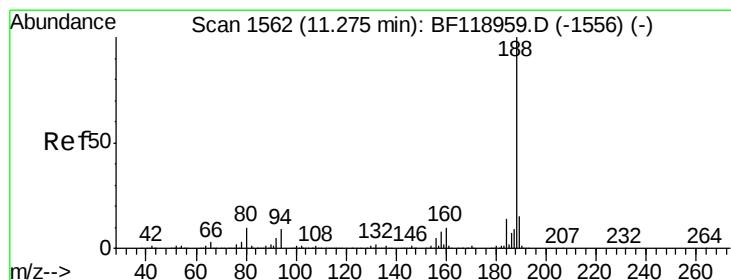
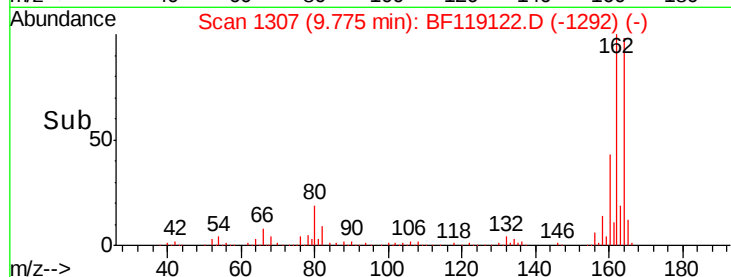
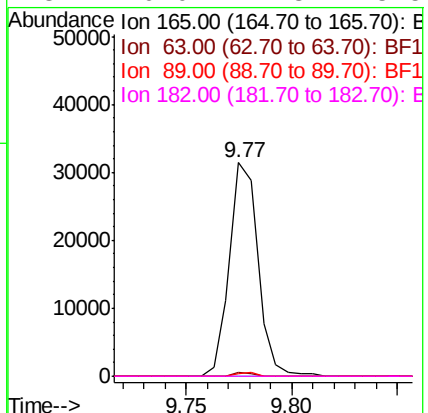
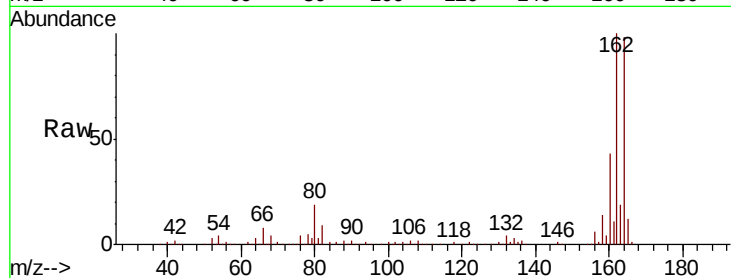




#57
 2,4-Dinitrotoluene
 Concen: 5.658 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119122.D
 Acq: 27 Feb 2020 21:08

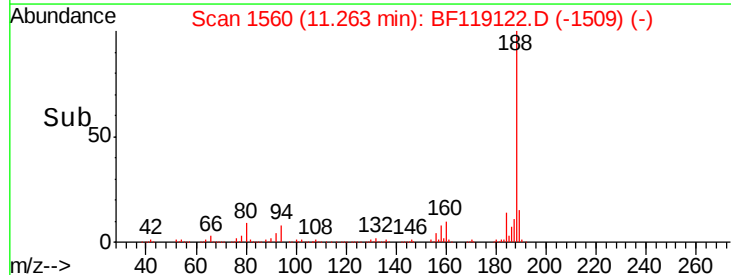
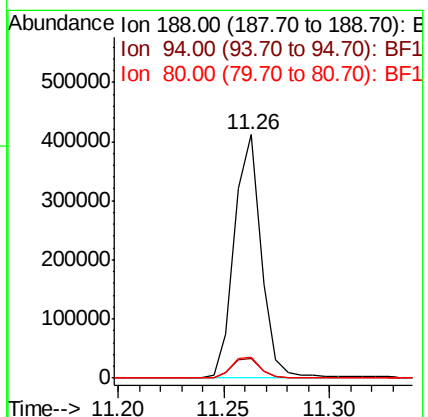
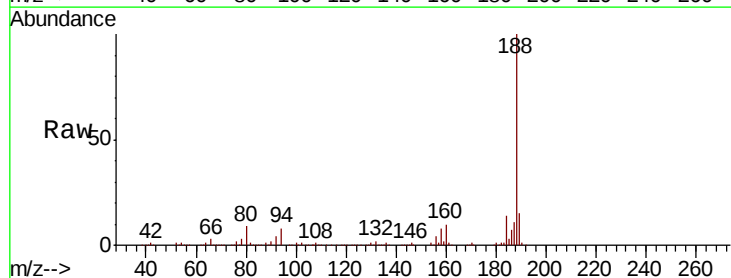
Instrument :
 BNA_F
 ClientSampleId :

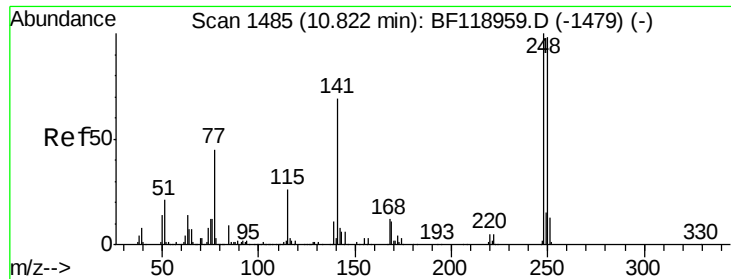
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.5	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF119122.D
 Acq: 27 Feb 2020 21:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.6	7.8	11.8

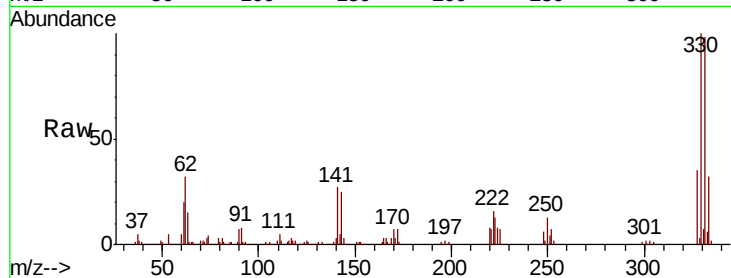




#67
4-Bromophenyl-phenylether
Concen: 2.586 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119122.D
Acq: 27 Feb 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.7	115.1#
141	429.1	60.7	91.1#

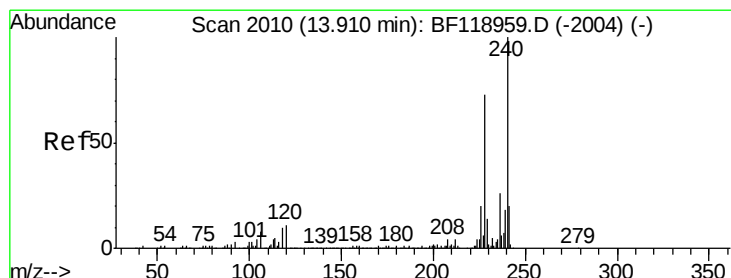
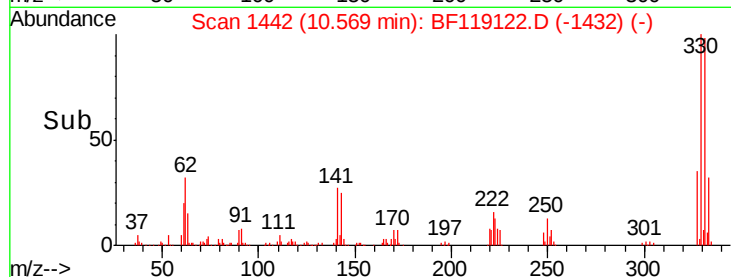
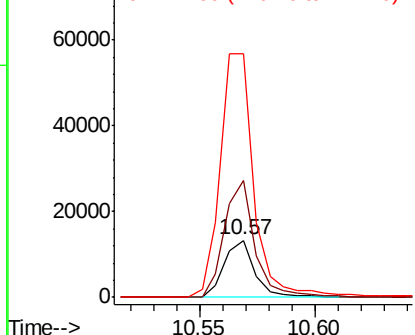


Abundance

Ion 248.00 (247.70 to 248.70): E

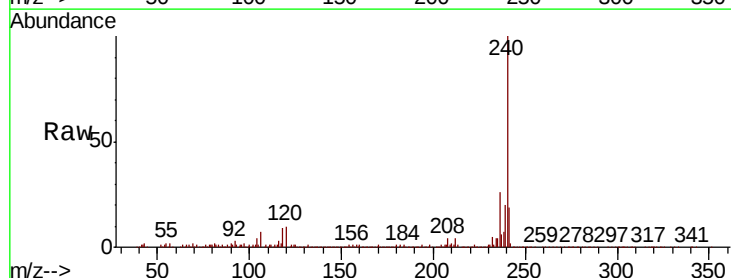
Ion 250.00 (249.70 to 250.70): E

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: BF119122.D
Acq: 27 Feb 2020 21:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.9	21.0	31.4

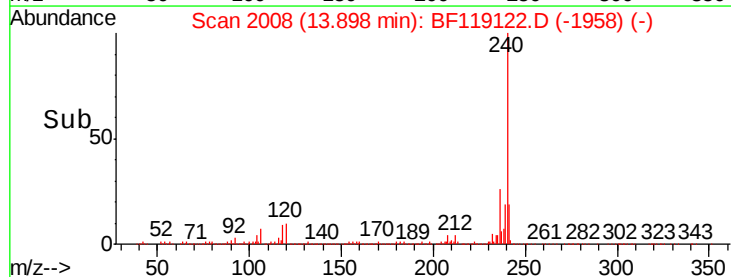
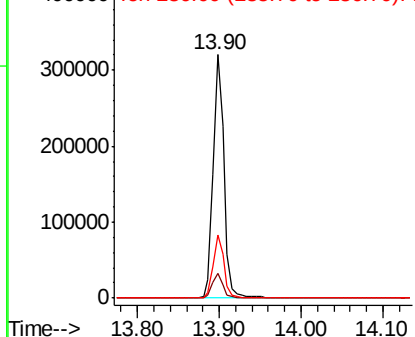


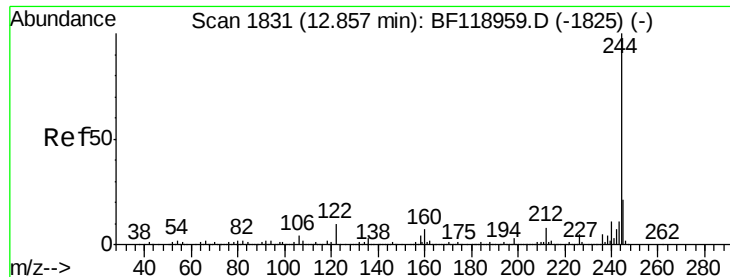
Abundance

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: 49.351 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

Instrument :

BNA_F

ClientSampleId :

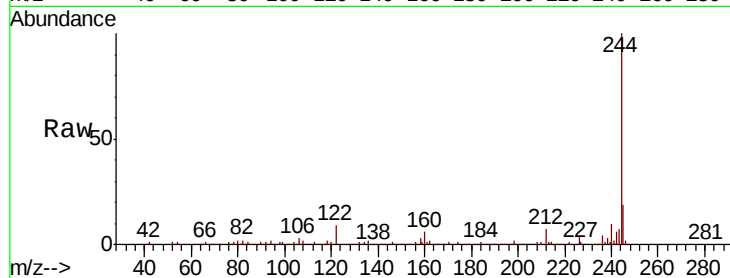
Tot Ion:244 Resp: 844702

Ion Ratio Lower Upper

244 100

212 6.8 6.6 10.0

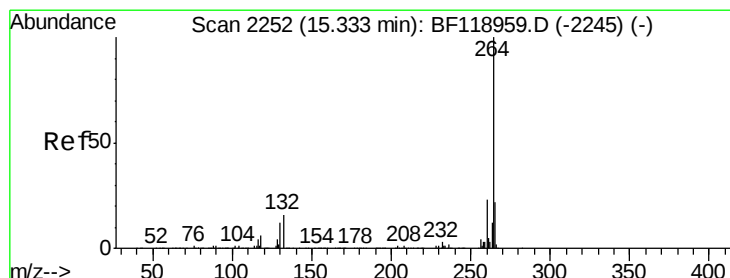
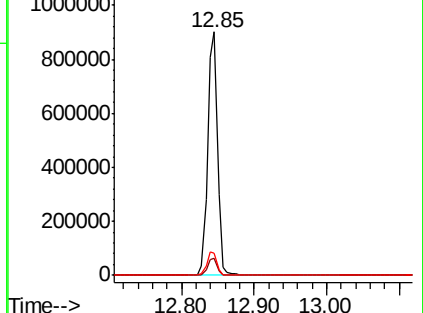
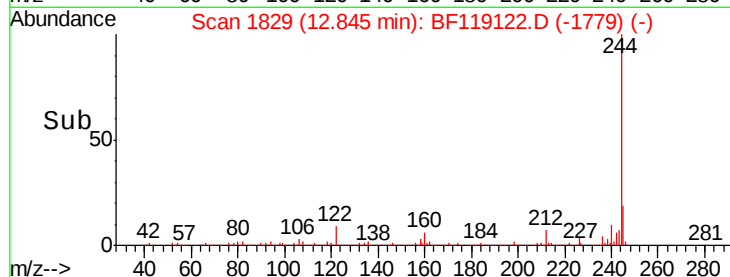
122 8.9 8.2 12.2



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: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF119122.D

Acq: 27 Feb 2020 21:08

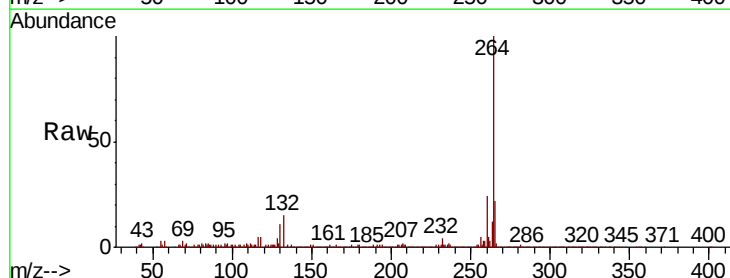
Tgt Ion:264 Resp: 362656

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 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

