

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119115.D
 Acq On : 27 Feb 2020 17:42
 Operator : CG/JU
 Sample : L1688-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:55:30 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

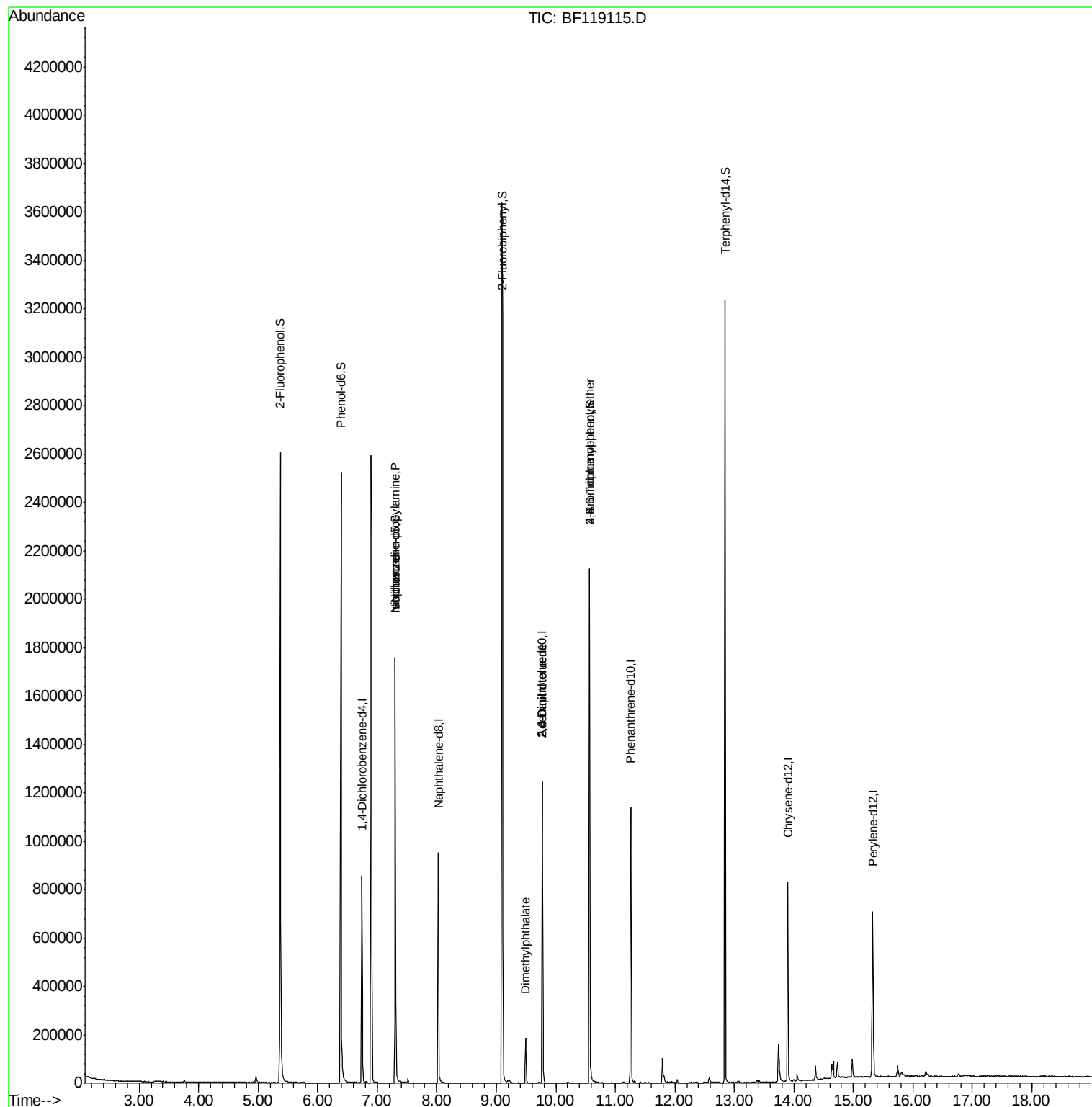
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	133089	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	501812	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	263992	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	442420	20.00	ng	0.00
76) Chrysene-d12	13.90	240	293217	20.00	ng	0.00
87) Perylene-d12	15.32	264	317055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	814266	102.25	ng	0.00
7) Phenol-d6	6.39	99	1002575	103.51	ng	-0.01
23) Nitrobenzene-d5	7.30	82	665050	69.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	313811	90.87	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1252891	69.92	ng	-0.01
79) Terphenyl-d14	12.84	244	1243108	72.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	89738	15.901	ng	# 74
25) Isophorone	7.30	82	657514	39.836	ng	# 63
50) Dimethylphthalate	9.49	163	83546	4.139	ng	# 98
51) 2,6-Dinitrotoluene	9.77	165	33554	7.481	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	33554	5.772	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	20528	3.550	ng	# 1

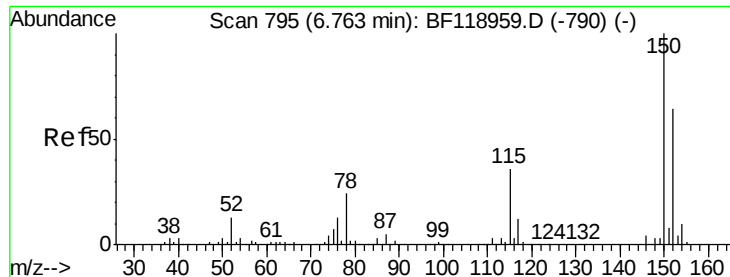
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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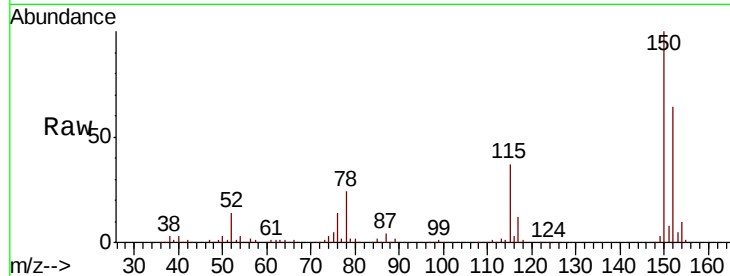


#1

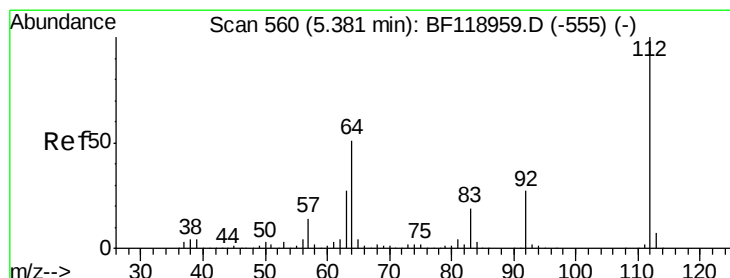
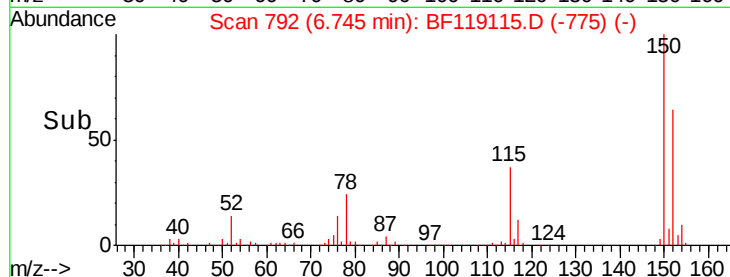
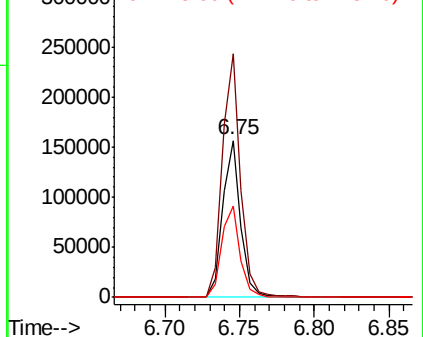
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133089
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.6
115 58.0 49.5 74.3



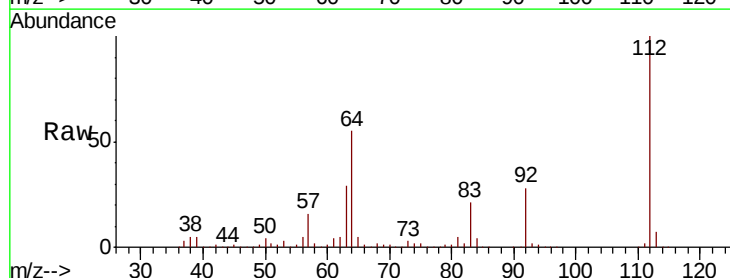
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



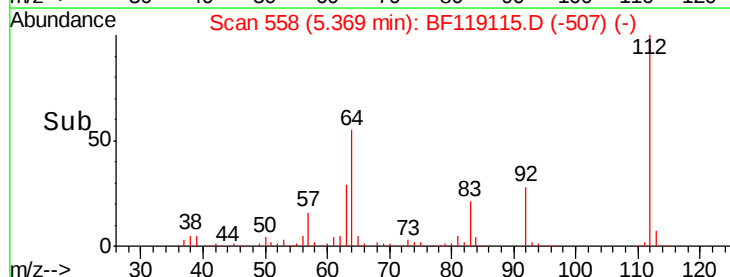
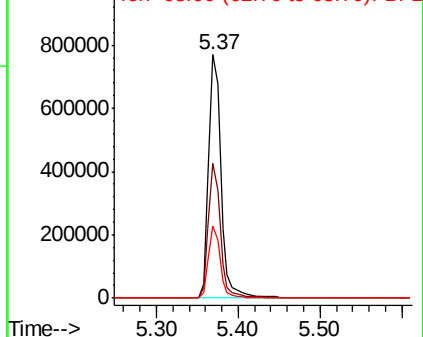
#5

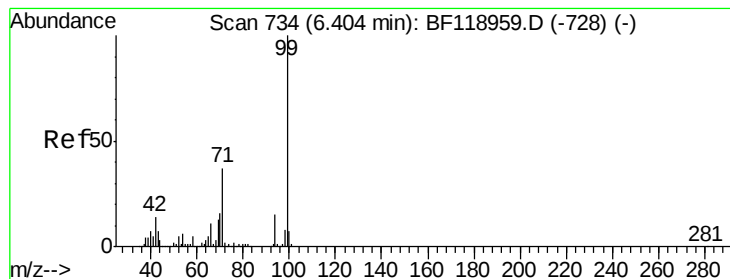
2-Fluorophenol
Concen: 102.246 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Tgt Ion:112 Resp: 814266
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 29.4 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: 103.514 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119115.D

Acq: 27 Feb 2020 17:42

Instrument :

BNA_F

ClientSampleId :

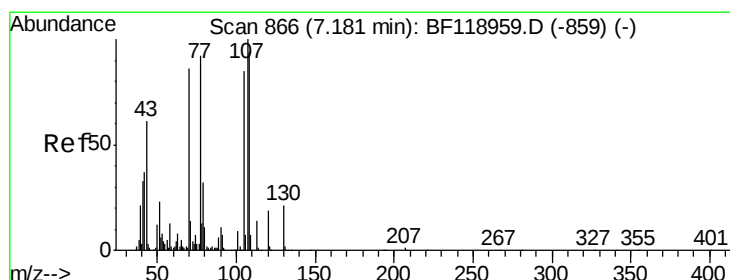
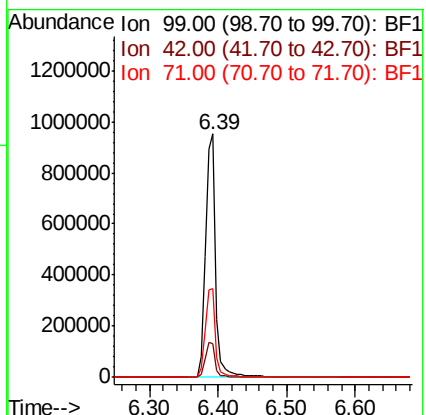
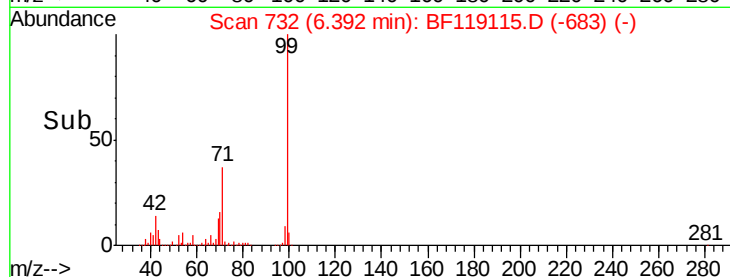
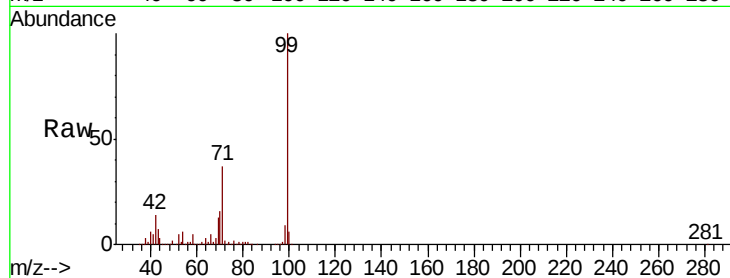
Tot Ion: 99 Resp: 1002575

Ion Ratio Lower Upper

99 100

42 13.7 12.6 18.8

71 36.7 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.901 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119115.D

Acq: 27 Feb 2020 17:42

Tgt Ion: 70 Resp: 89738

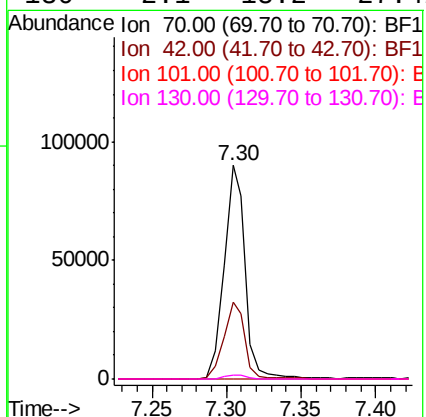
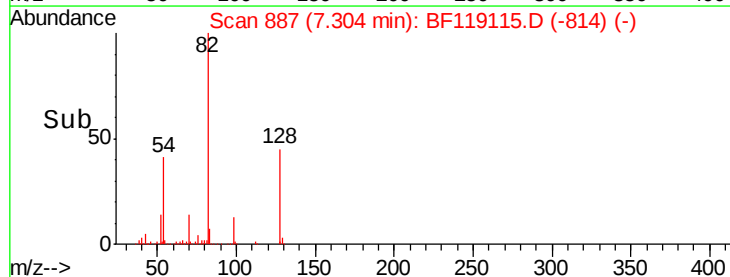
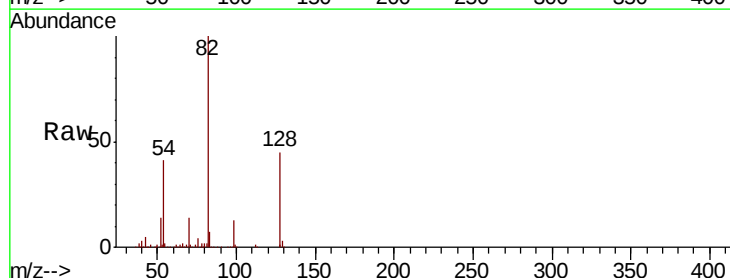
Ion Ratio Lower Upper

70 100

42 36.1 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

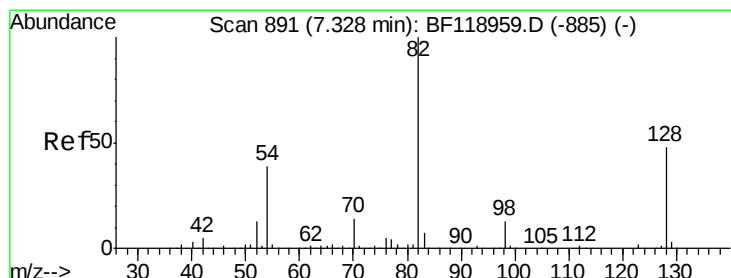
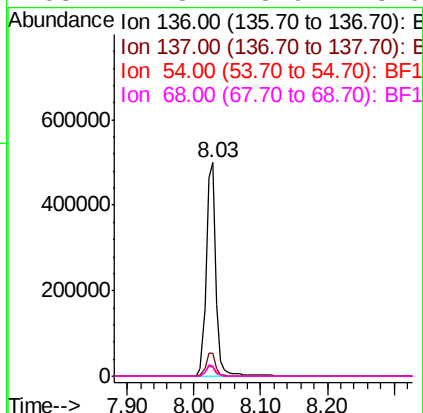
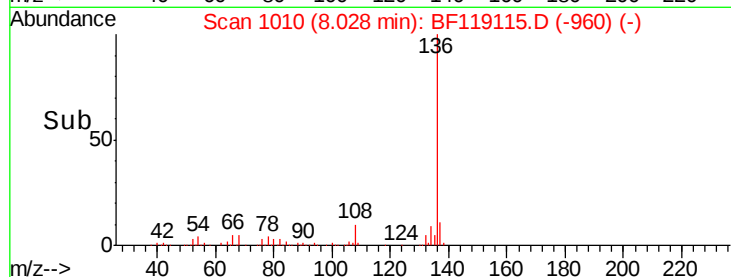
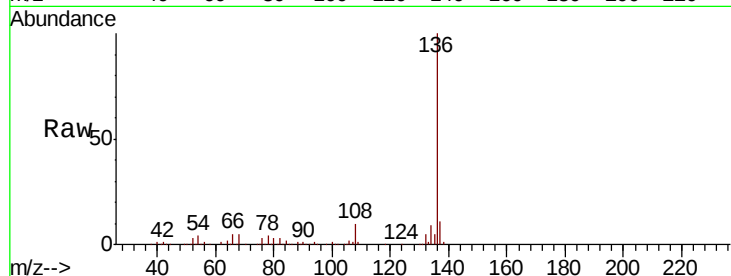




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

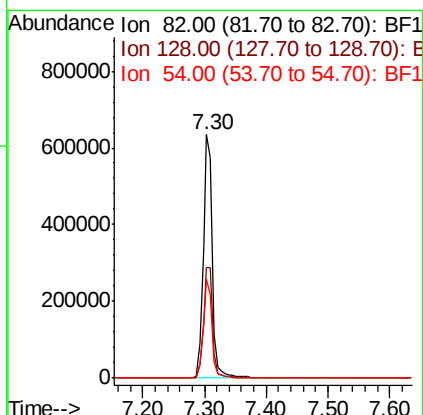
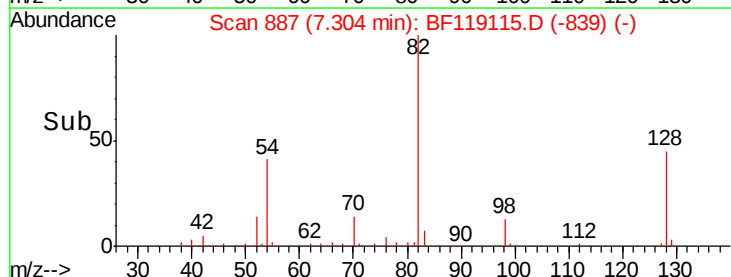
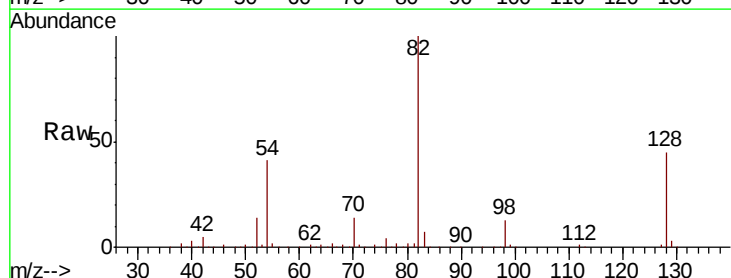
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	501812
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	4.4	3.8 5.6
68	4.8	3.9 5.9



#23
Nitrobenzene-d5
Concen: 69.976 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Tgt Ion: 82	Resp:	665050
Ion	Ratio	Lower Upper
82	100	
128	45.4	37.9 56.9
54	40.6	33.4 50.2

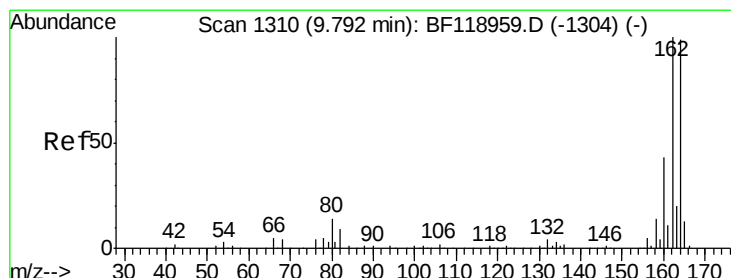
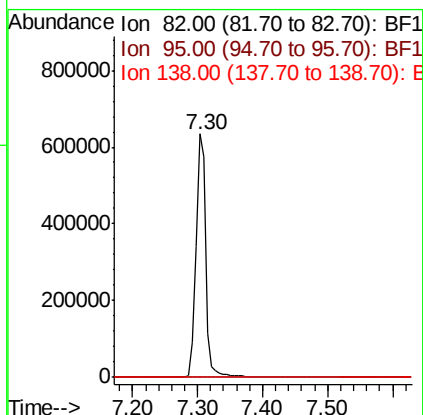
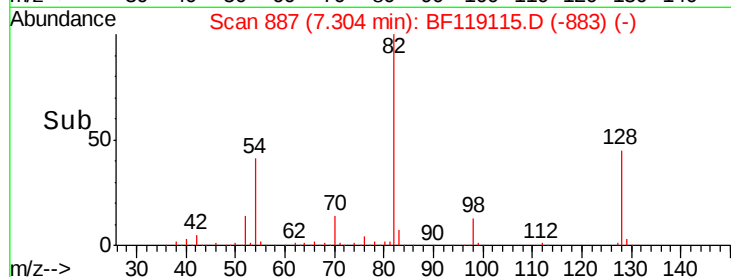
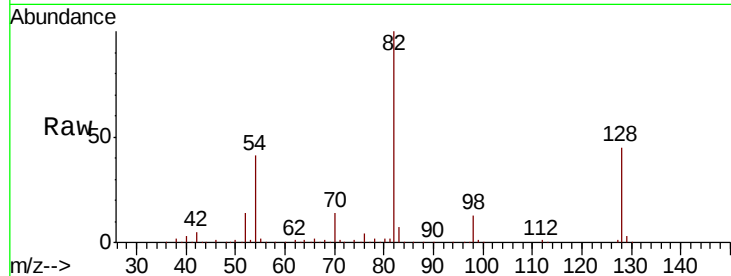




#25
Isophorone
Concen: 39.836 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

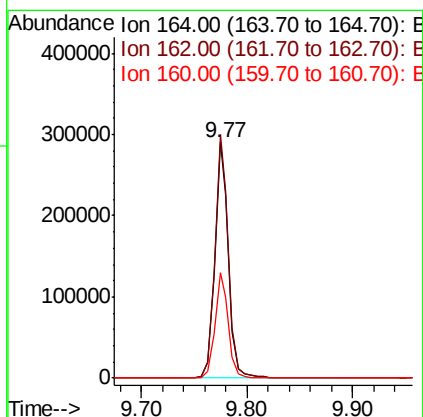
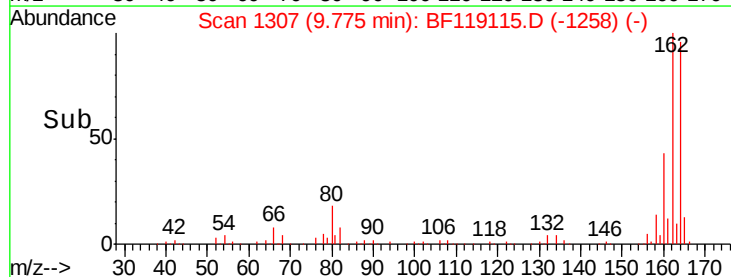
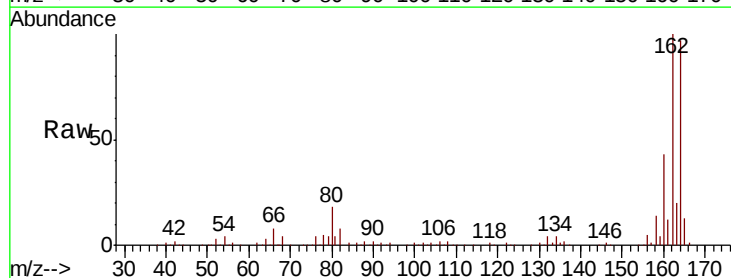
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 657514
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: BF119115.D
Acq: 27 Feb 2020 17:42

Tgt Ion:164 Resp: 263992
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.8
160 44.7 36.0 54.0

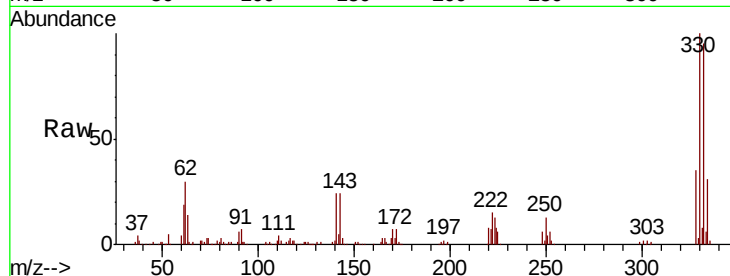




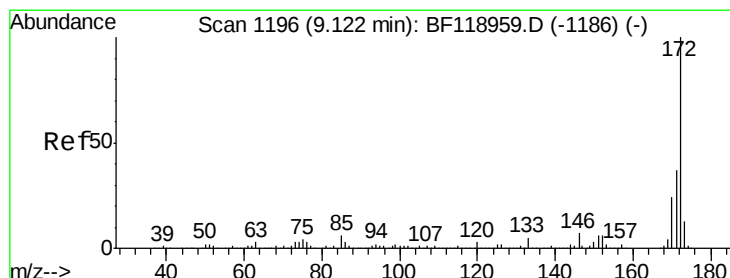
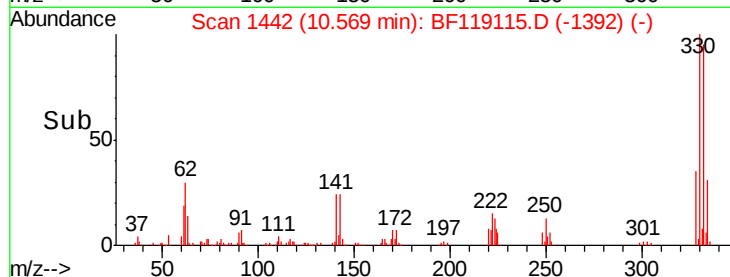
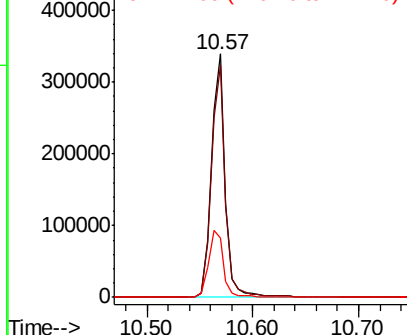
#42
 2,4,6-Tribromophenol
 Concen: 90.869 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 313811
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 29.5 22.9 34.3

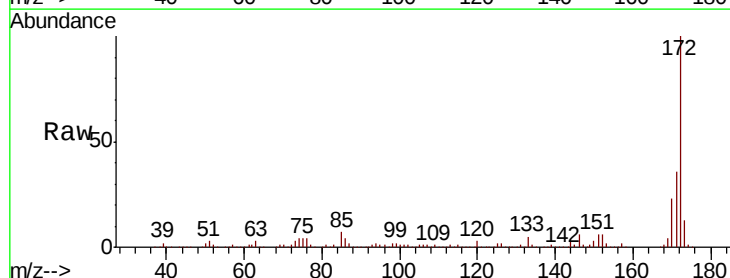


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

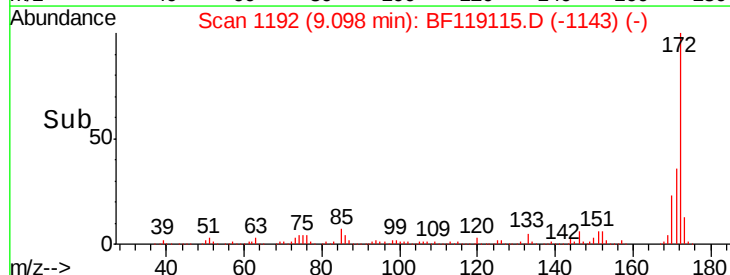
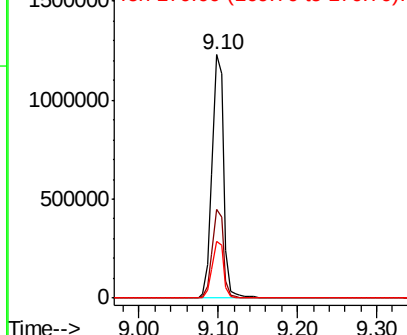


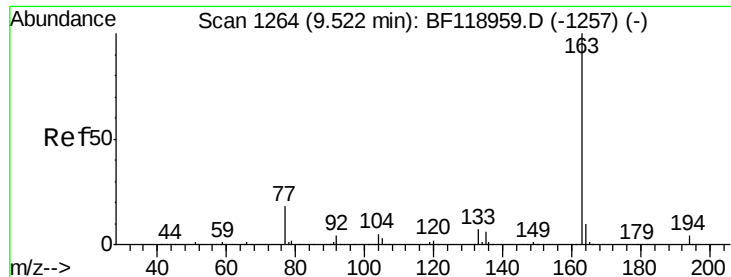
#45
 2-Fluorobiphenyl
 Concen: 69.916 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

Tgt Ion:172 Resp: 1252891
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.4 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

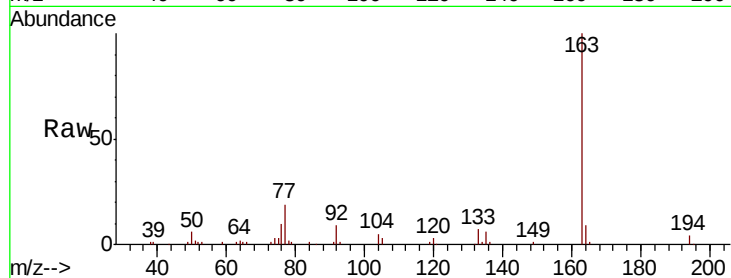




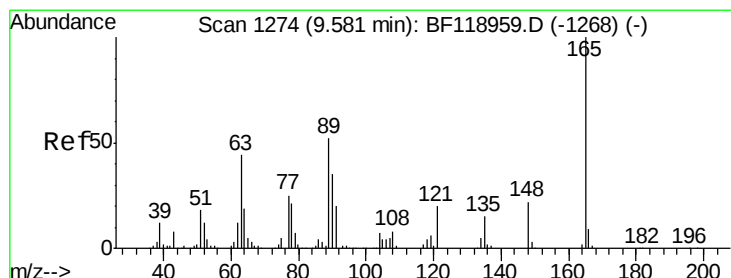
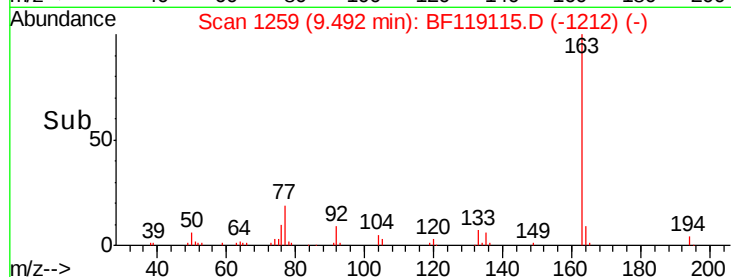
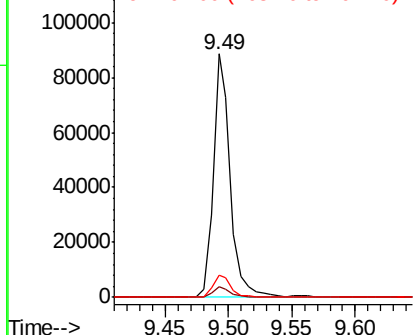
#50
Dimethylphthalate
Concen: 4.139 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 83546
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.3 8.4 12.6

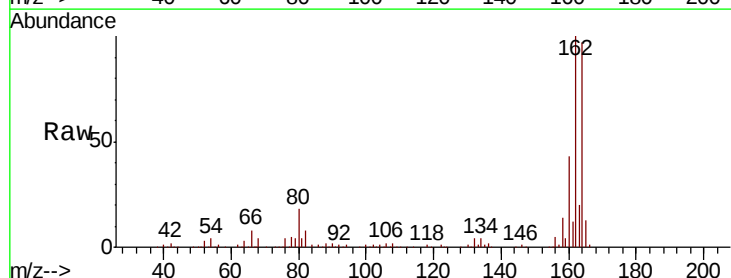


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

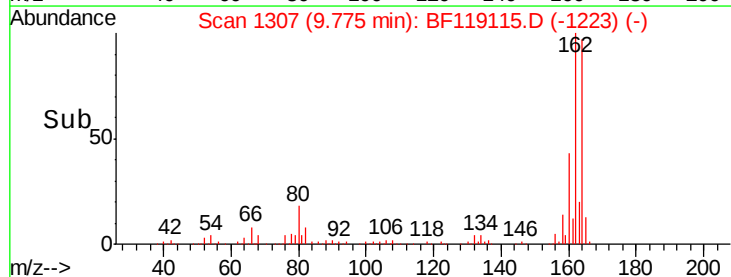
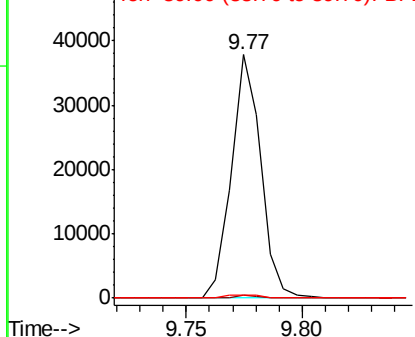


#51
2,6-Dinitrotoluene
Concen: 7.481 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.19 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Tgt Ion:165 Resp: 33554
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 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

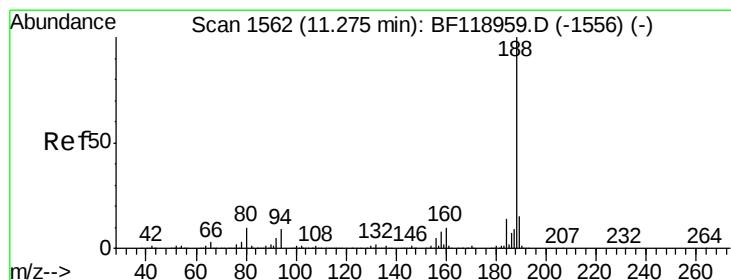
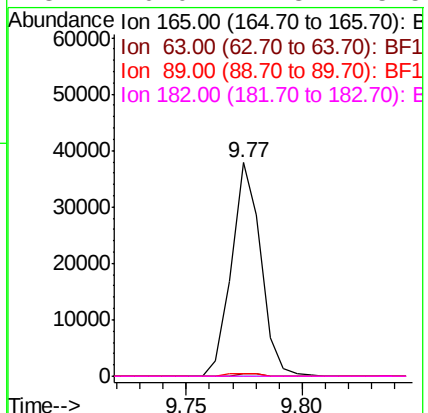
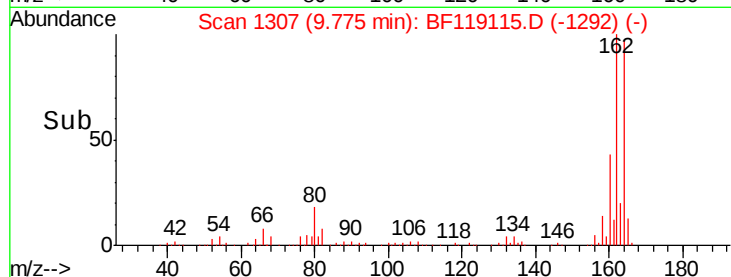
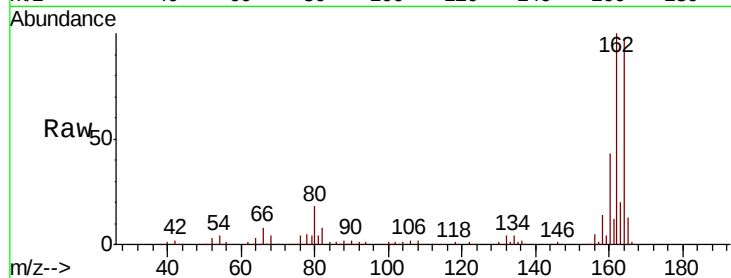




#57
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

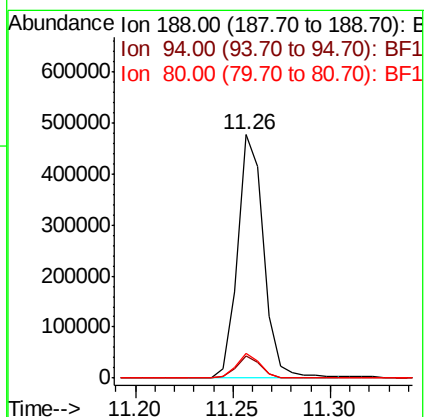
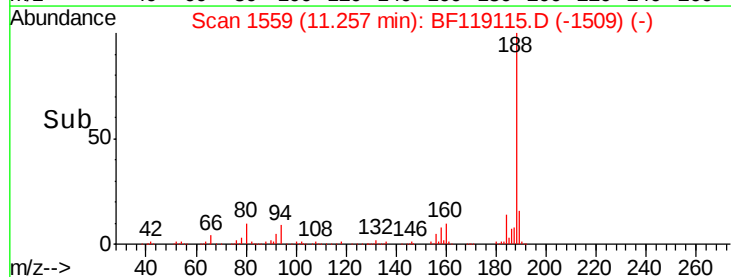
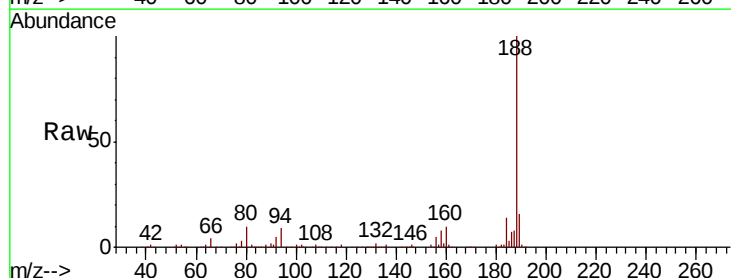
Instrument :
 BNA_F
 ClientSampleId :

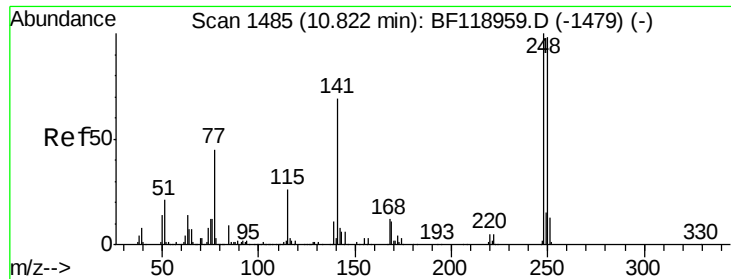
Tot Ion:165	Resp:	33554
Ion Ratio	Lower	Upper
165	100	
63	1.4	42.3 63.5#
89	1.4	60.2 90.4#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

Tgt Ion:188	Resp:	442420
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.1 10.7
80	10.3	7.8 11.8

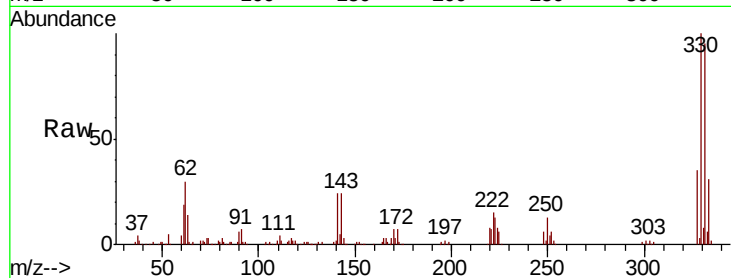




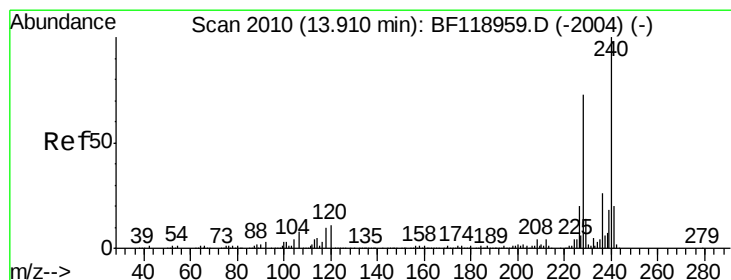
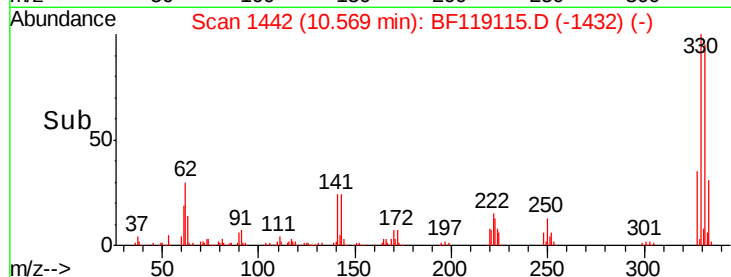
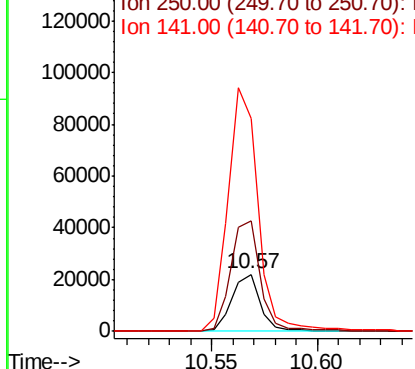
#67
4-Bromophenyl-phenylether
Concen: 3.550 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20528
Ion Ratio Lower Upper
248 100
250 193.7 76.7 115.1#
141 374.8 60.7 91.1#

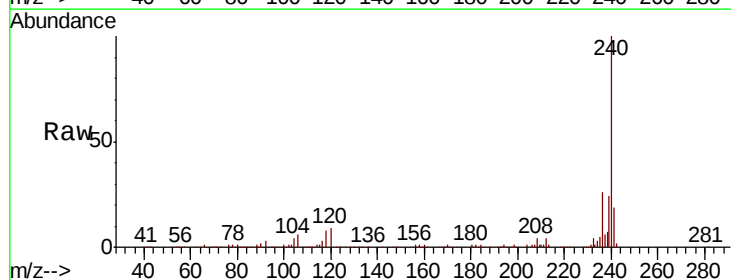


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

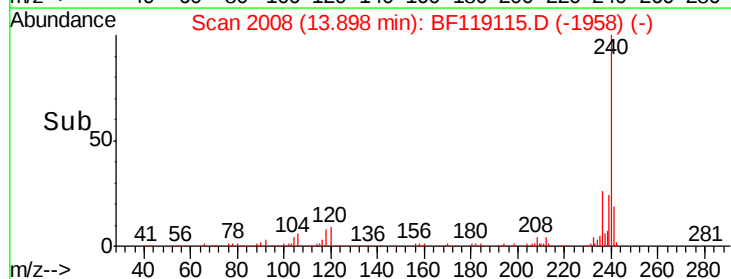
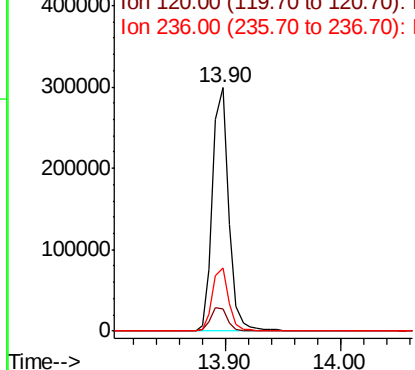


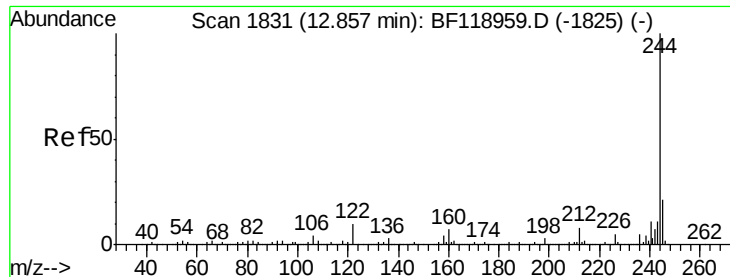
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119115.D
Acq: 27 Feb 2020 17:42

Tgt Ion:240 Resp: 293217
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.8 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



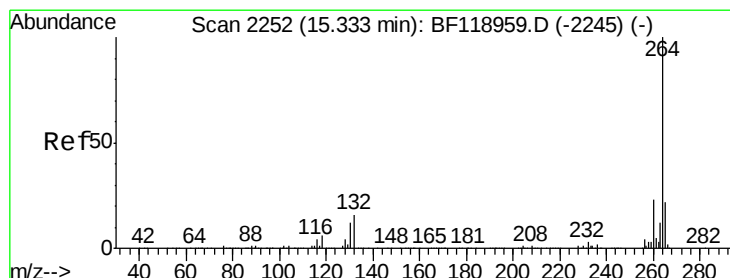
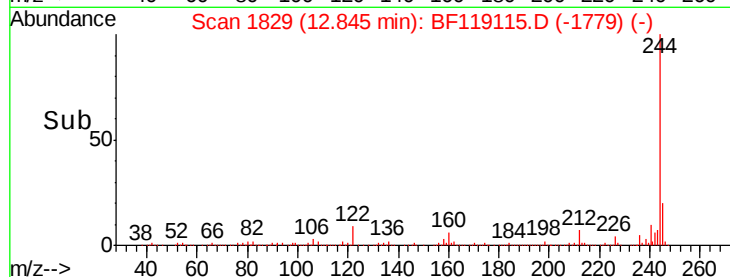
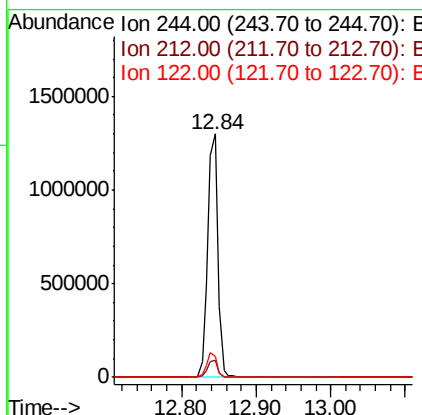
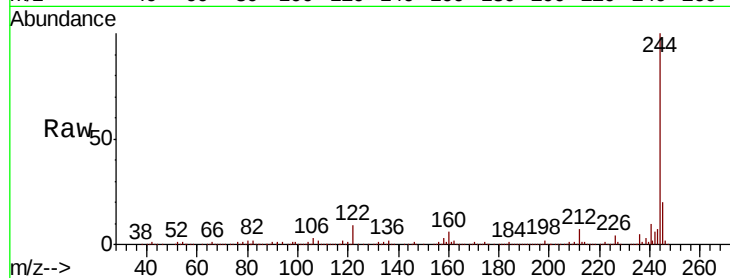


#79
 Terphenyl-d14
 Concen: 72.991 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1243108

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.8	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF119115.D
 Acq: 27 Feb 2020 17:42

Tgt Ion:264 Resp: 317055

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.7	26.5

