

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119138.D
 Acq On : 28 Feb 2020 18:56
 Operator : CG/JU
 Sample : L1718-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:39:56 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

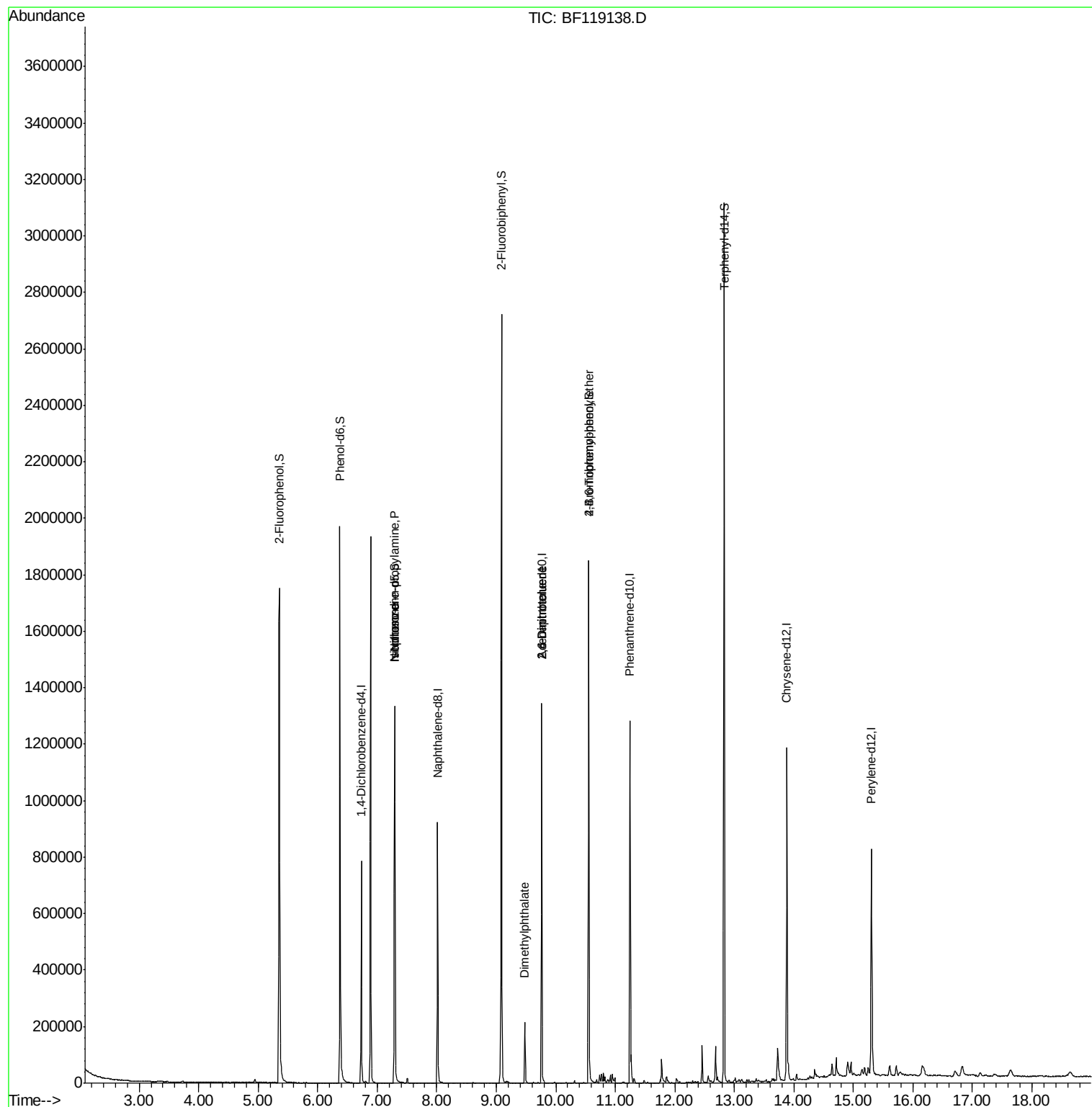
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123275	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	466208	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	263550	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	488797	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	370105	20.00	ng	-0.02
87) Perylene-d12	15.30	264	353159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	582310	78.94	ng	-0.01
7) Phenol-d6	6.37	99	707923	78.91	ng	-0.03
23) Nitrobenzene-d5	7.29	82	458430	51.92	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	249549	72.38	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	872839	48.79	ng	-0.02
79) Terphenyl-d14	12.83	244	1072897	49.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	61753	11.813	ng	# 74
25) Isophorone	7.29	82	451120	29.419	ng	# 63
50) Dimethylphthalate	9.48	163	89998	4.466	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	33680	7.522	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33680	5.803	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	16849	2.637	ng	# 1

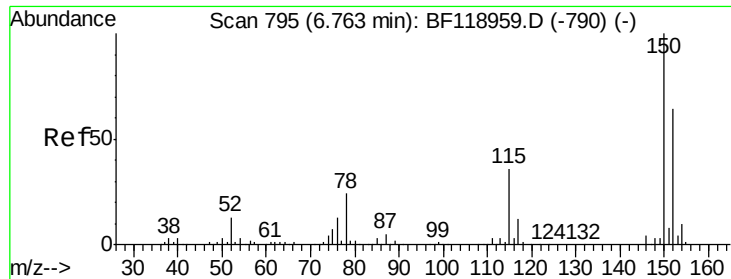
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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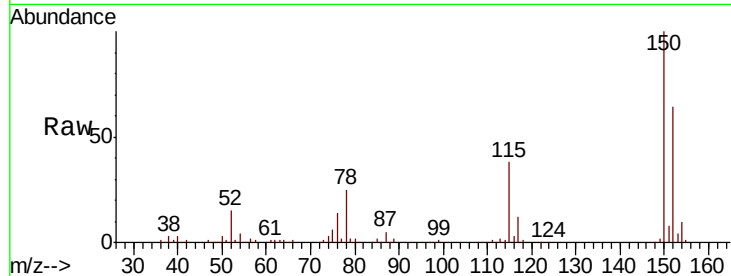


#1

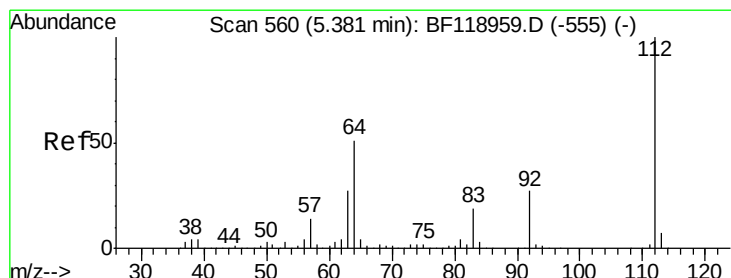
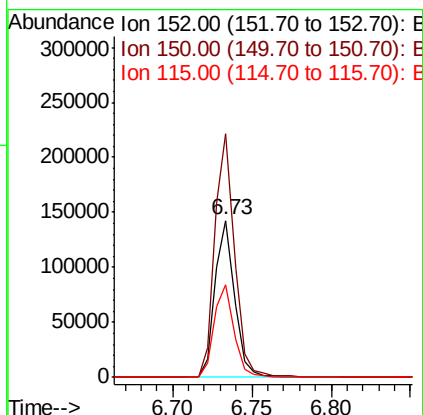
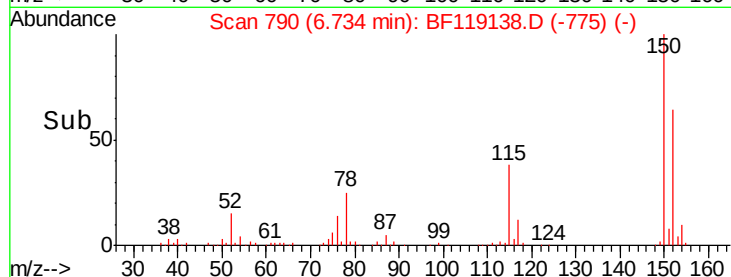
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.6
115	59.2	49.5	74.3



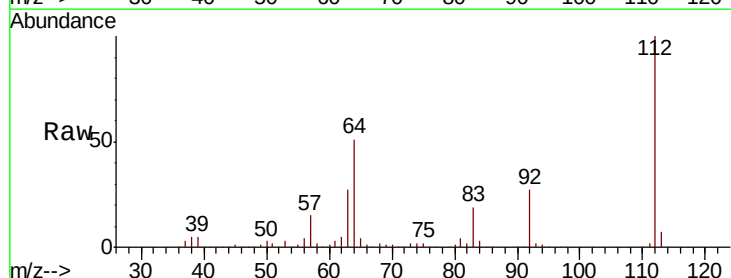
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



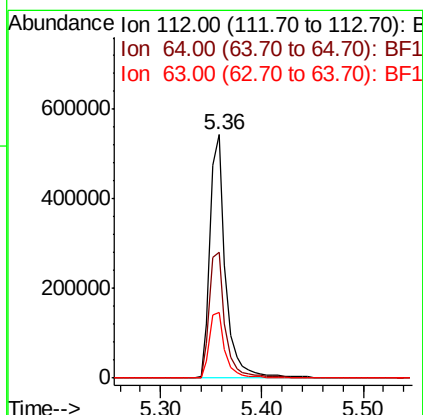
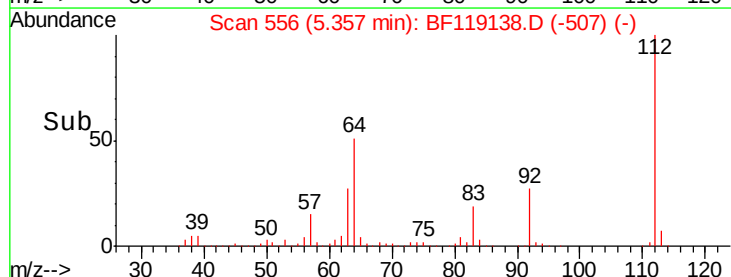
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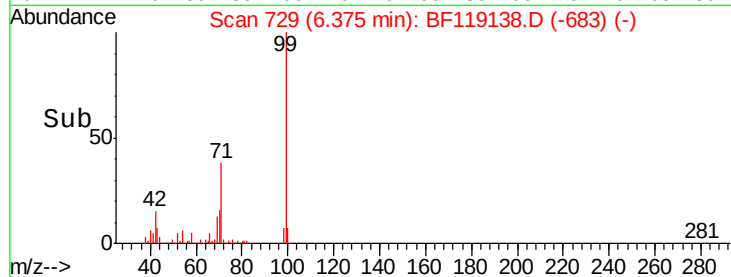
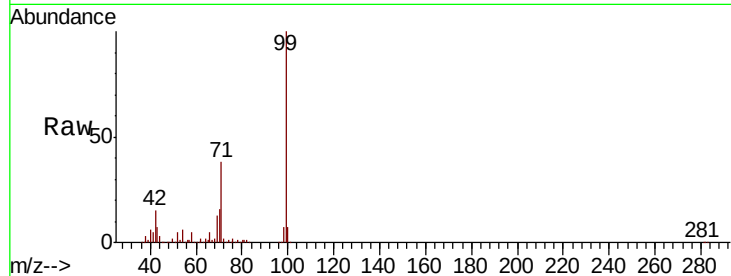
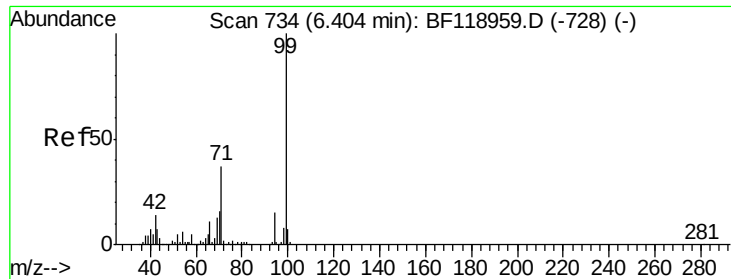
2-Fluorophenol
Concen: 78.941 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.0	67.4
63	27.2	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: 78.910 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

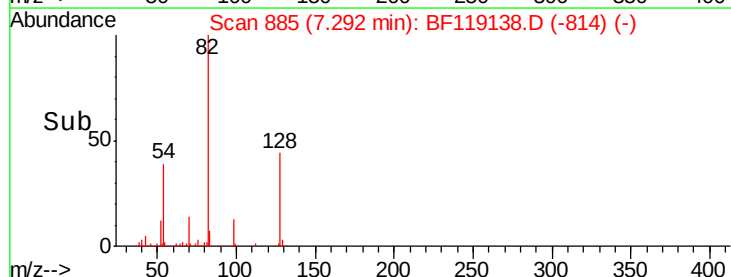
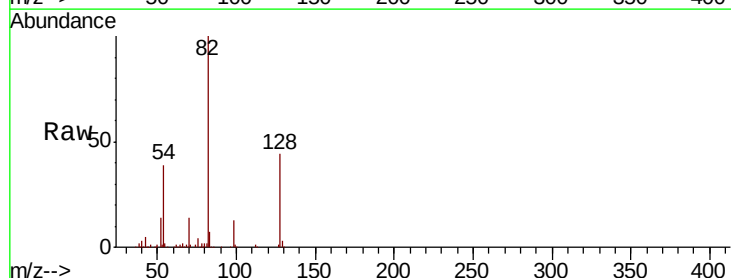
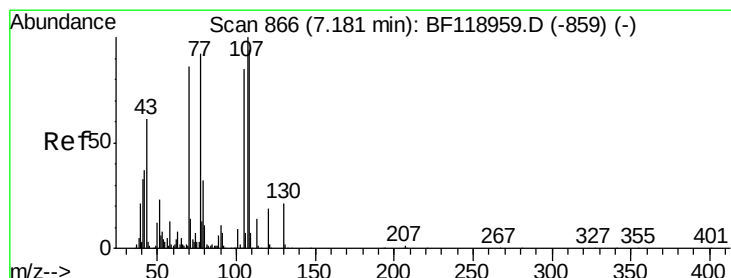
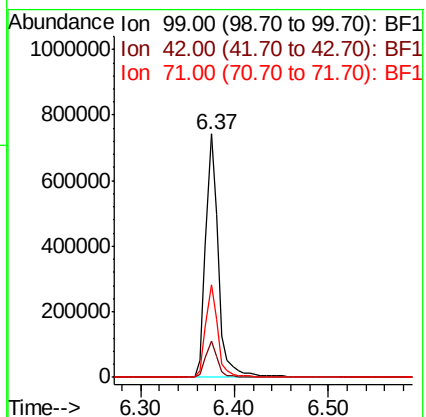
Tot Ion: 99 Resp: 707923

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

71 38.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.813 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Tgt Ion: 70 Resp: 61753

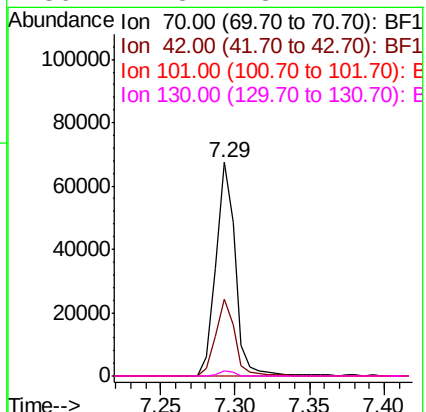
Ion Ratio Lower Upper

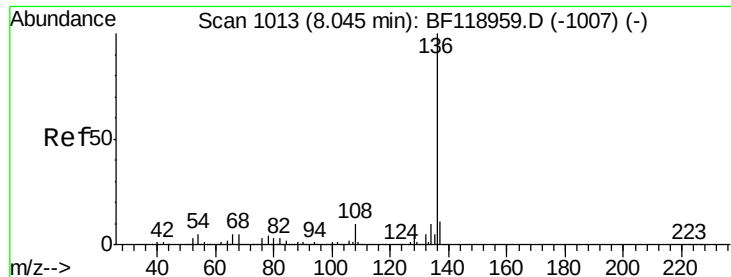
70 100

42 36.1 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

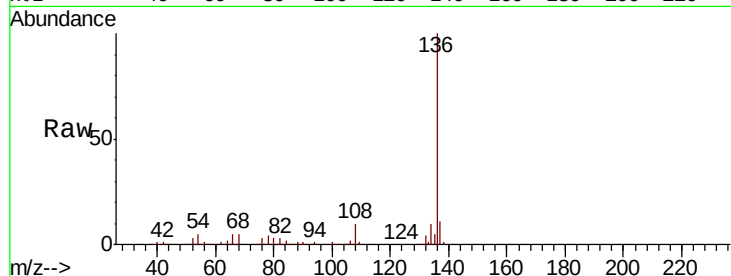




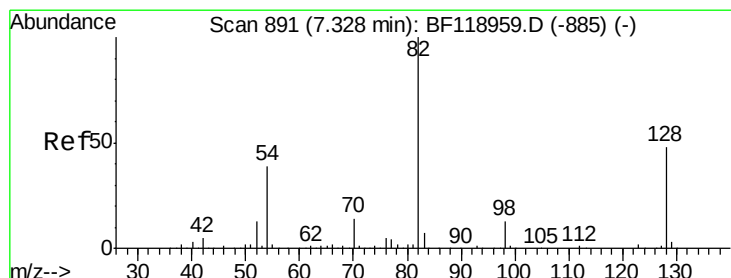
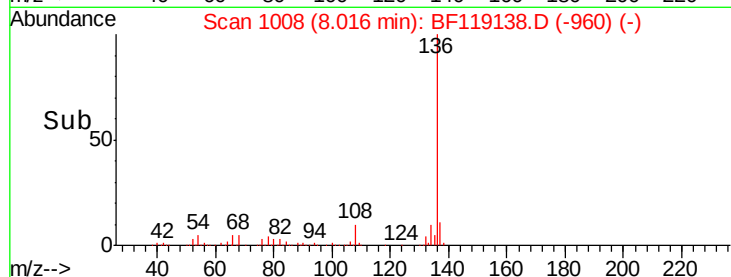
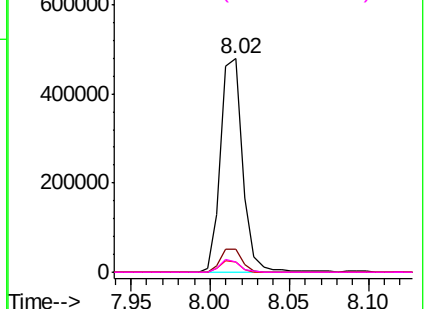
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	466208
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	4.6	3.8 5.6
68	4.8	3.9 5.9

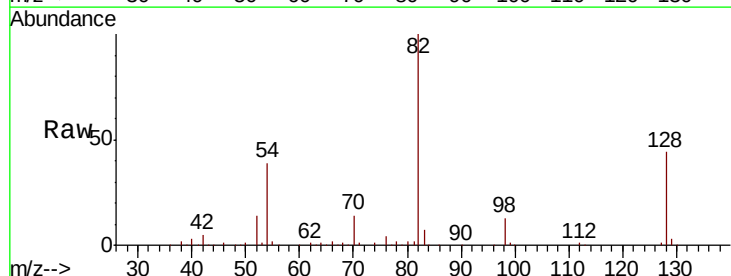


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

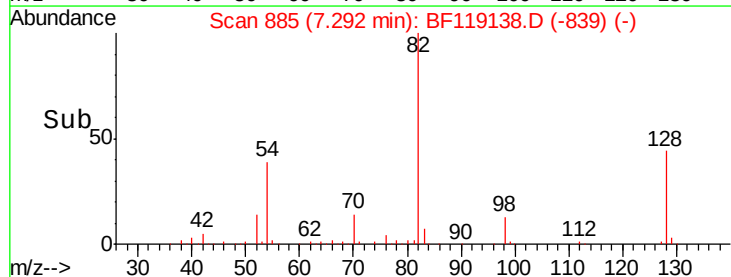
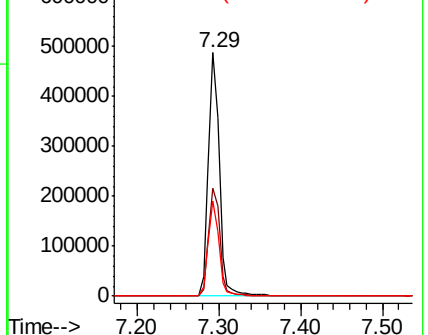


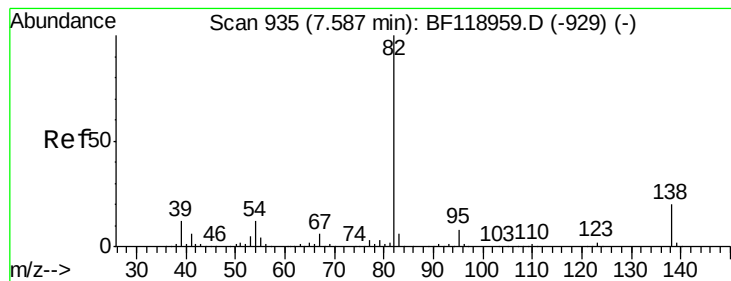
#23
Nitrobenzene-d5
Concen: 51.919 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Tgt Ion: 82	Resp:	458430
Ion Ratio	Lower	Upper
82	100	
128	44.1	37.9 56.9
54	38.9	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: 29.419 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

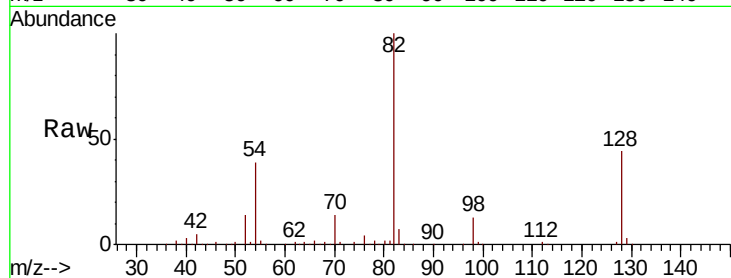
Tot Ion: 82 Resp: 451120

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

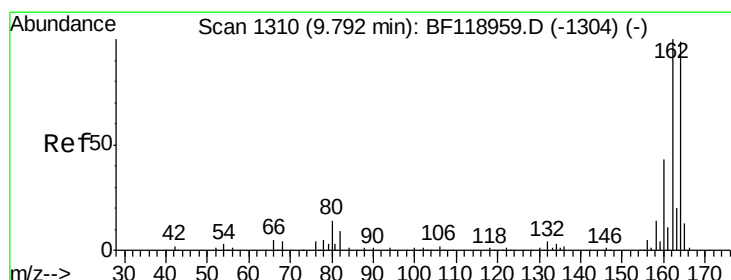
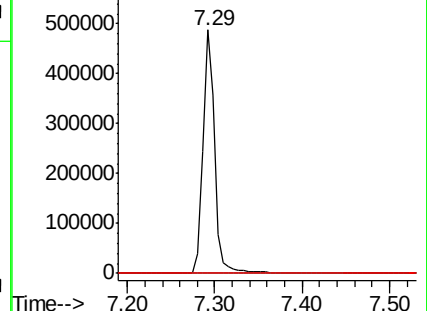
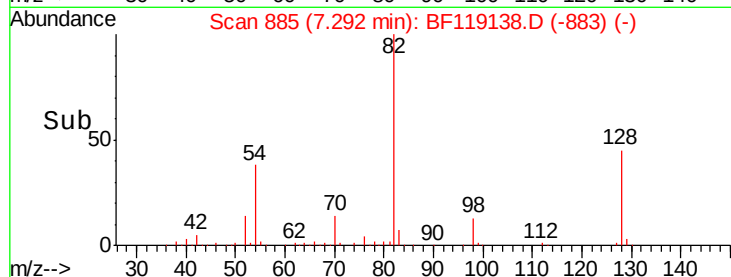
138 0.0 15.7 23.5#



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

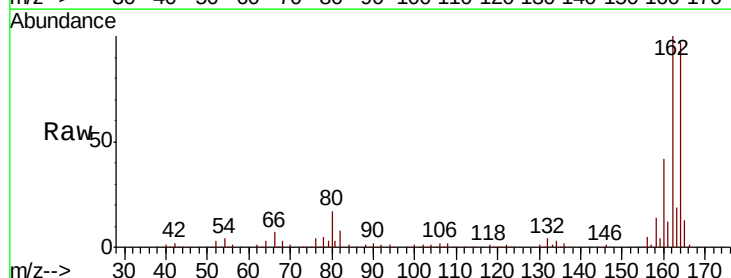
Tgt Ion:164 Resp: 263550

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

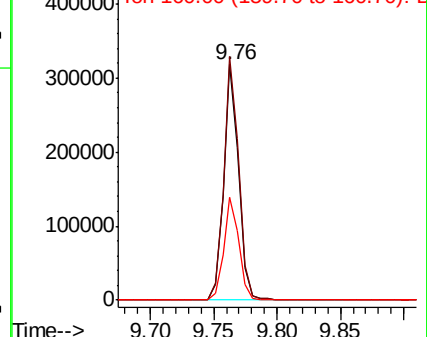
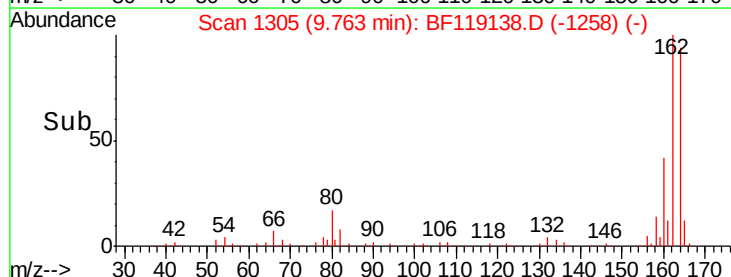
160 43.5 36.0 54.0

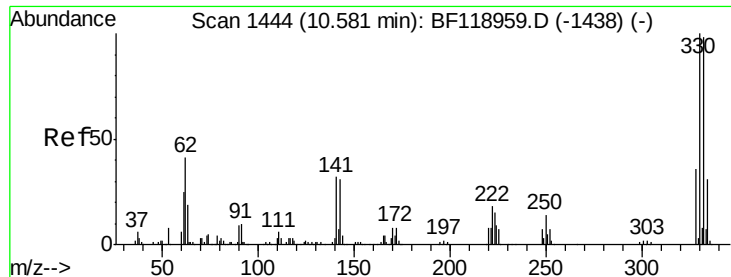


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 72.382 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

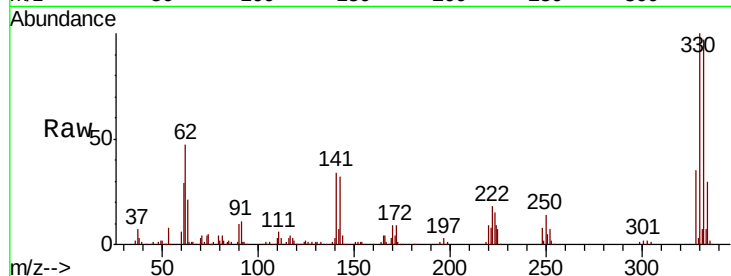
Tot Ion:330 Resp: 249549

Ion Ratio Lower Upper

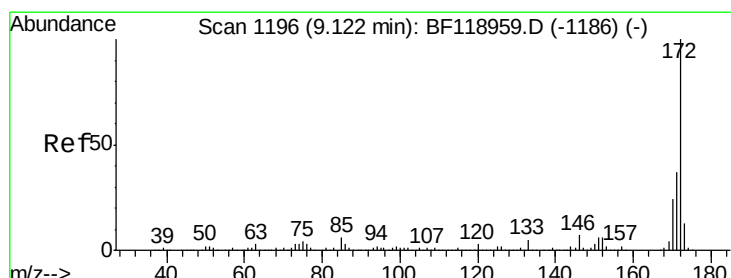
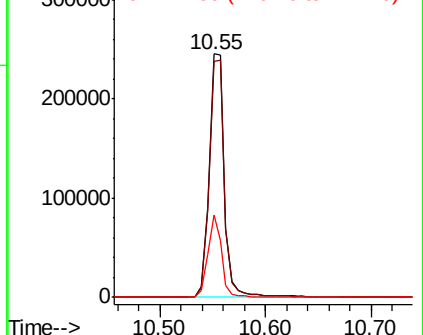
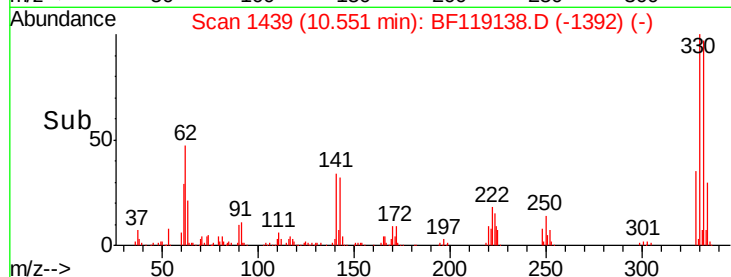
330 100

332 97.7 76.0 114.0

141 30.4 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: 48.789 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

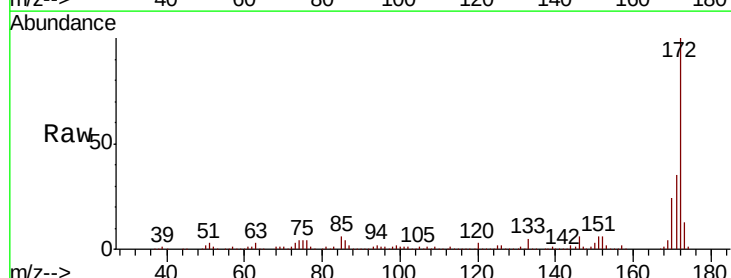
Tgt Ion:172 Resp: 872839

Ion Ratio Lower Upper

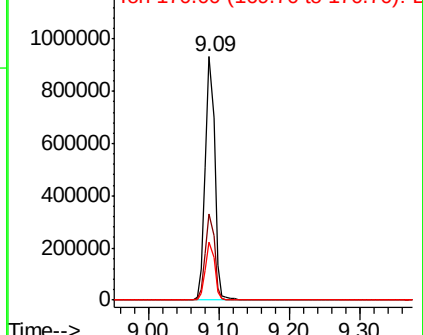
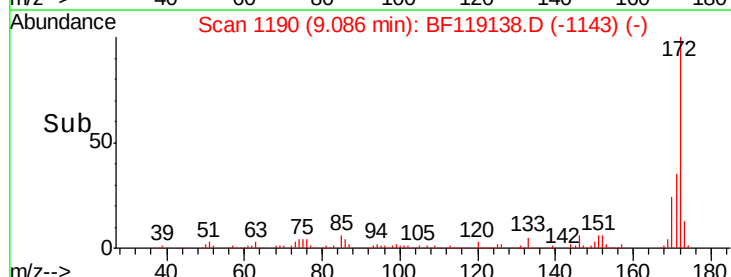
172 100

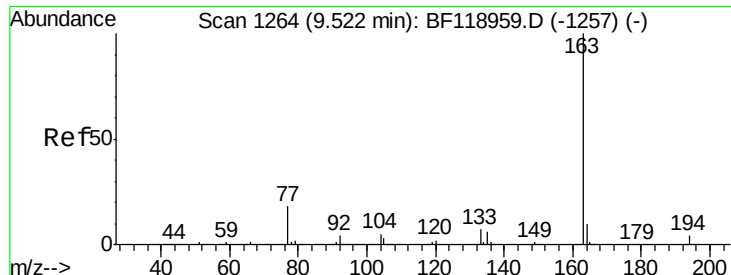
171 35.5 30.6 45.8

170 24.0 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

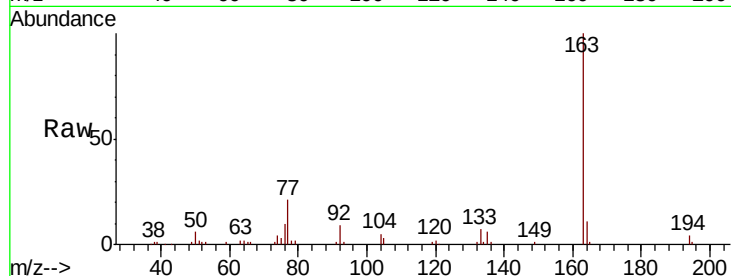




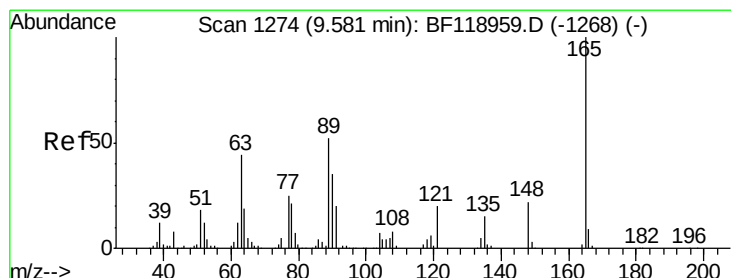
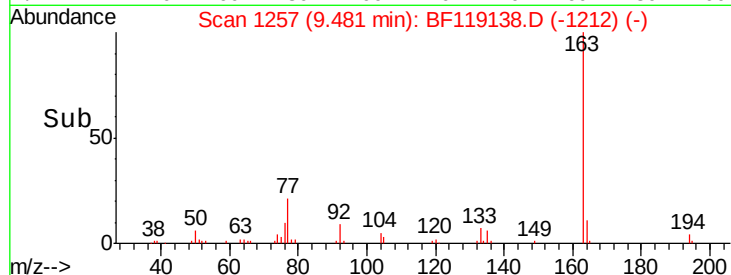
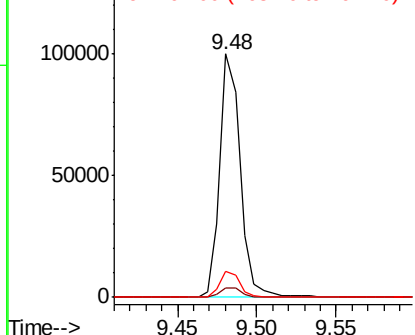
#50
Dimethylphthalate
Concen: 4.466 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.5	8.4	12.6

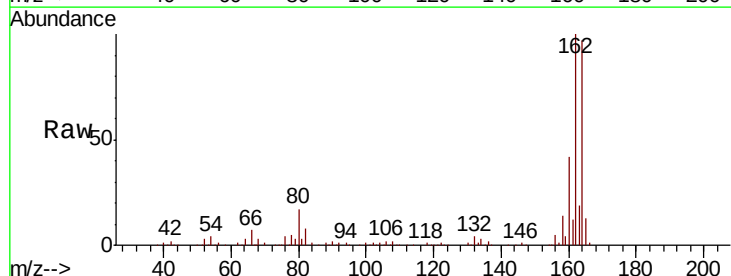


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

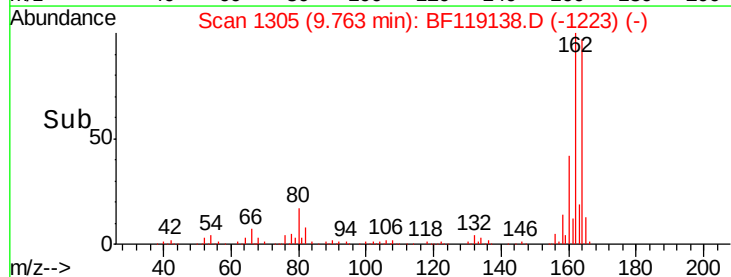
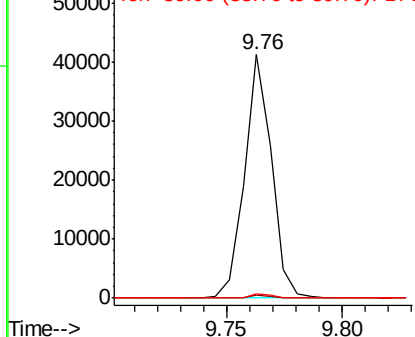


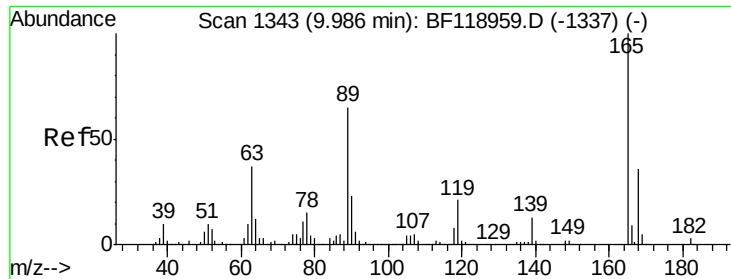
#51
2,6-Dinitrotoluene
Concen: 7.522 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.18 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.9	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

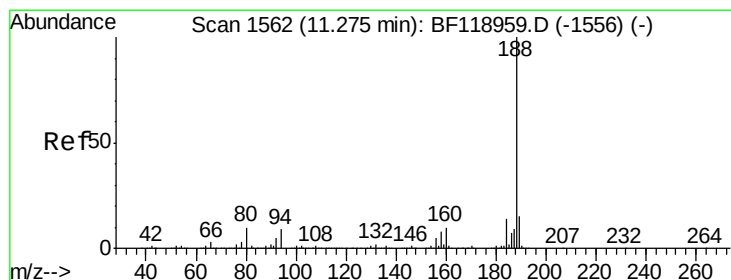
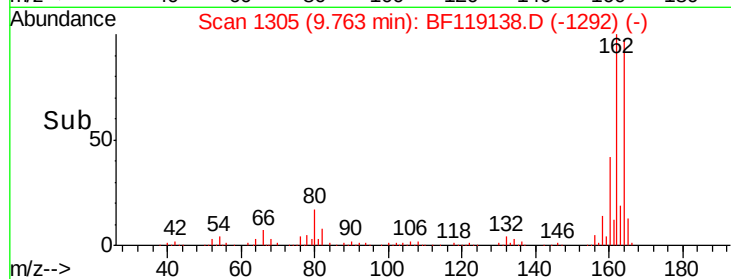
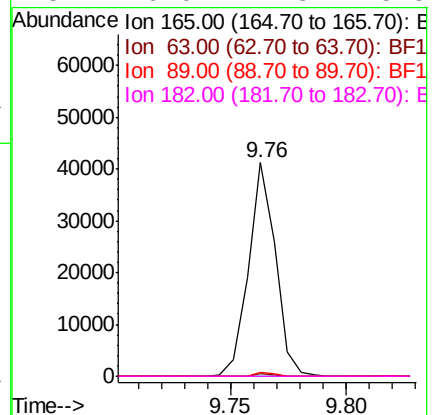
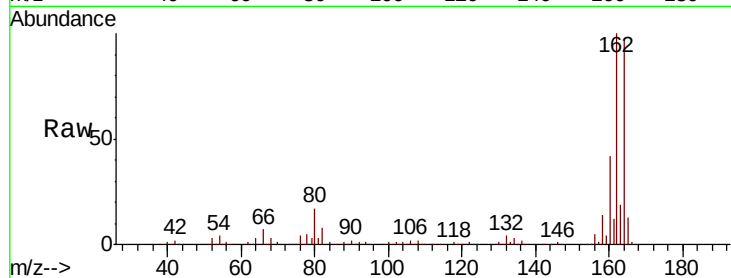




#57
 2,4-Dinitrotoluene
 Concen: 5.803 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

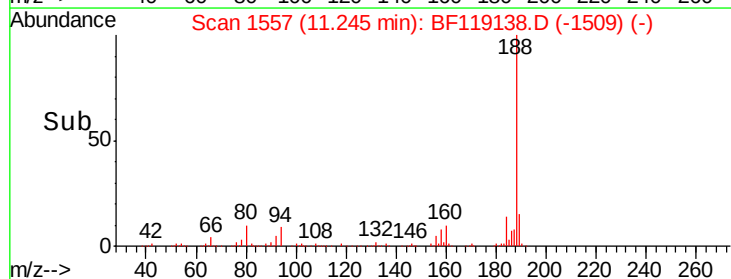
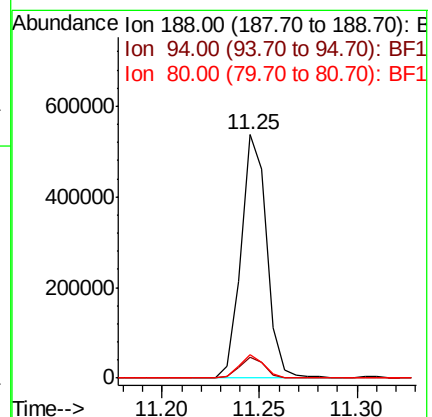
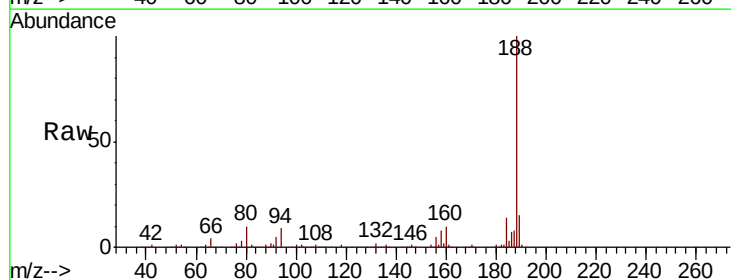
Instrument :
 BNA_F
 ClientSampleId :

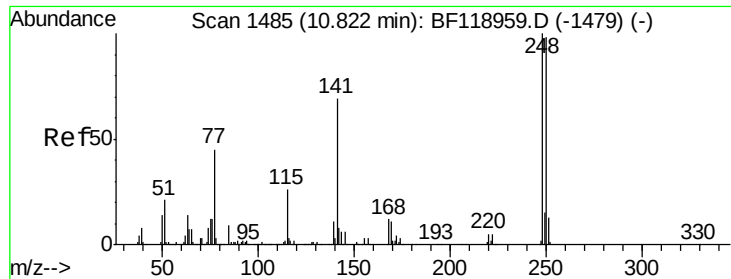
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.9	60.2	90.4#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119138.D
 Acq: 28 Feb 2020 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.8	7.8	11.8

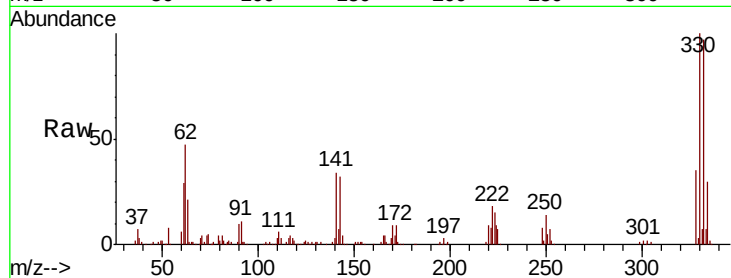




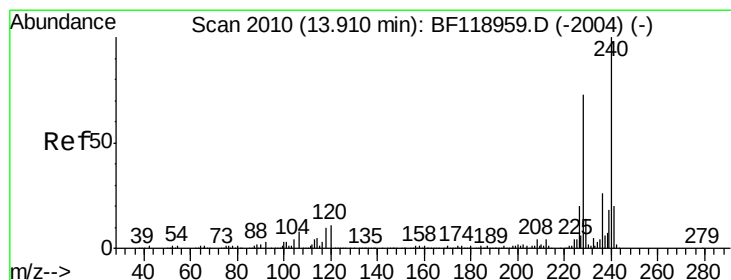
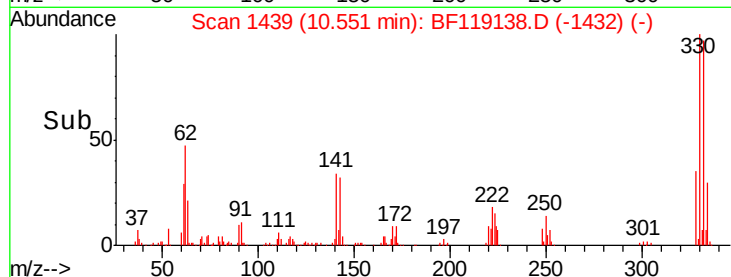
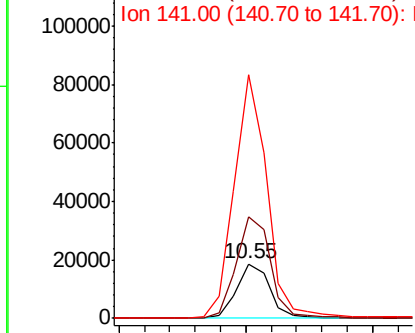
#67
4-Bromophenyl-phenylether
Concen: 2.637 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16849
Ion Ratio Lower Upper
248 100
250 185.8 76.7 115.1#
141 445.2 60.7 91.1#

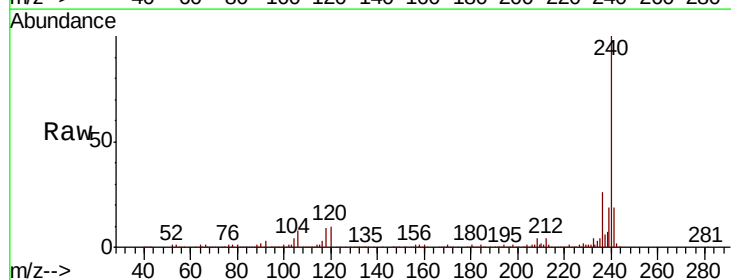


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

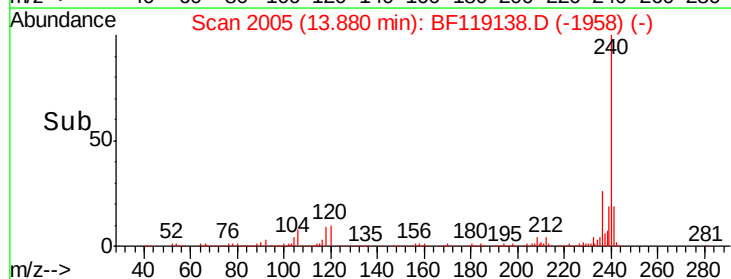
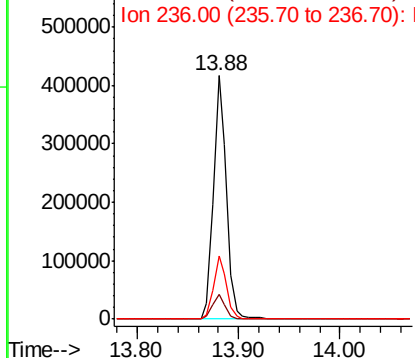


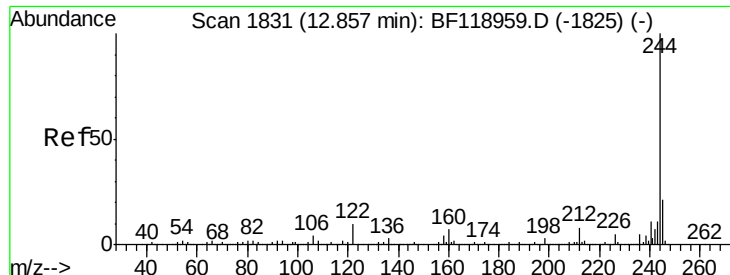
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119138.D
Acq: 28 Feb 2020 18:56

Tgt Ion:240 Resp: 370105
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.1 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: 49.910 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

Instrument :

BNA_F

ClientSampleId :

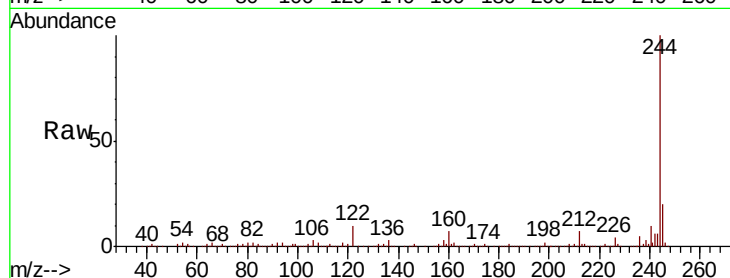
Tot Ion:244 Resp: 1072897

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

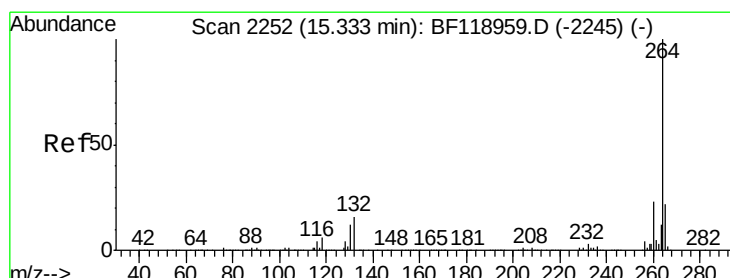
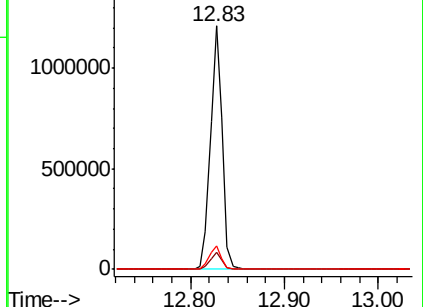
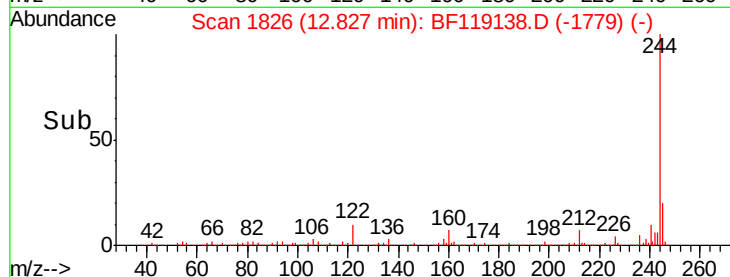
122 9.6 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119138.D

Acq: 28 Feb 2020 18:56

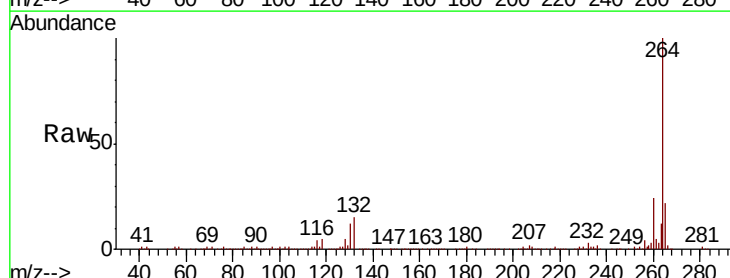
Tgt Ion:264 Resp: 353159

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.0 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

