

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119133.D
 Acq On : 28 Feb 2020 15:59
 Operator : CG/JU
 Sample : L1688-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:38:02 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

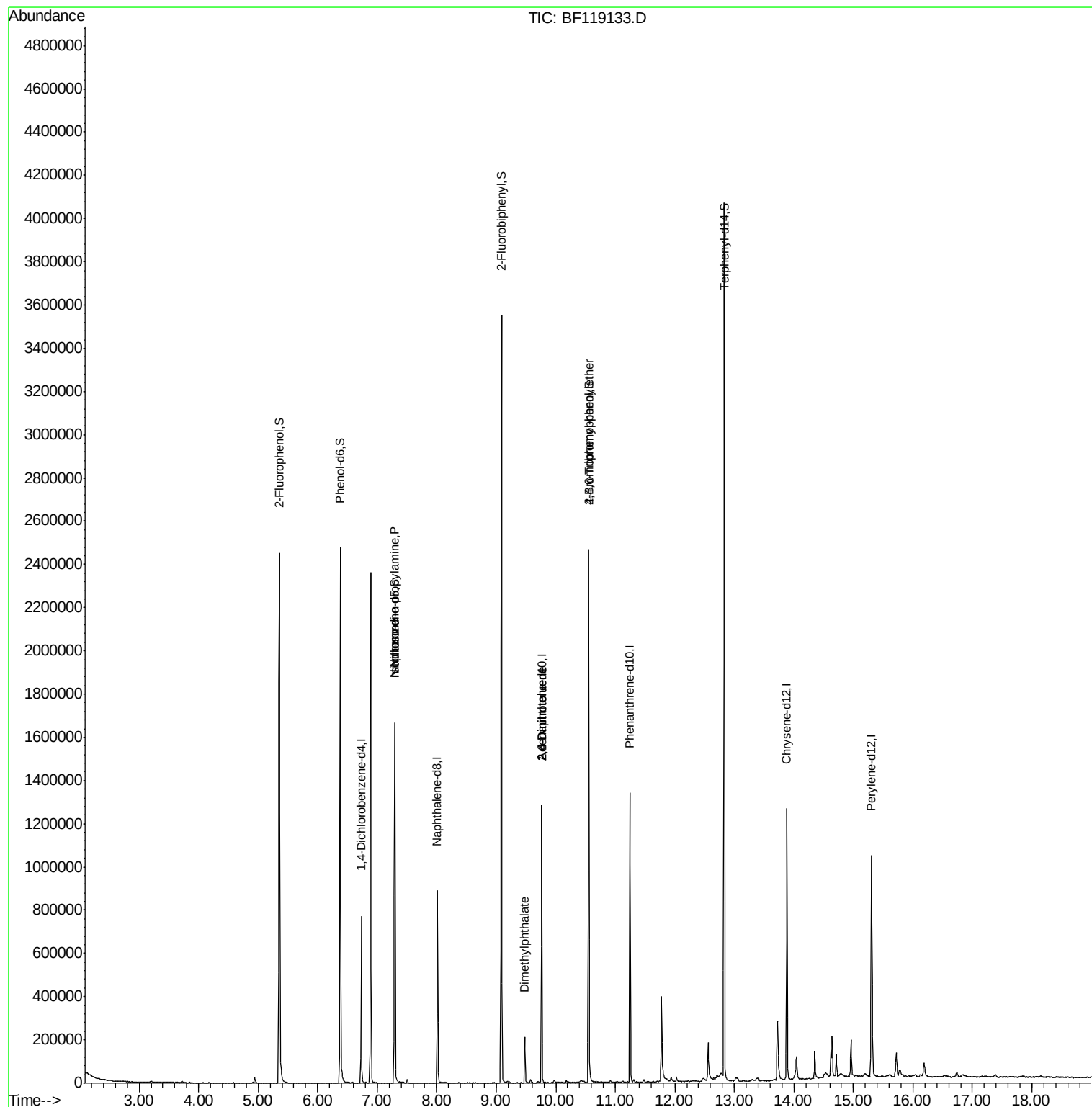
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120425	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	457216	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	255242	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	487476	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	423124	20.00	ng	-0.02
87) Perylene-d12	15.30	264	433610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	744253	103.28	ng	-0.01
7) Phenol-d6	6.38	99	917662	104.71	ng	-0.02
23) Nitrobenzene-d5	7.29	82	608501	70.27	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	344231	103.09	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1172572	67.68	ng	-0.02
79) Terphenyl-d14	12.83	244	1534859	62.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	83064	16.266	ng	# 76
25) Isophorone	7.29	82	601199	39.977	ng	# 63
50) Dimethylphthalate	9.48	163	84604	4.335	ng	98
51) 2,6-Dinitrotoluene	9.76	165	32766	7.556	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	32766	5.830	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	22192	3.483	ng	# 1

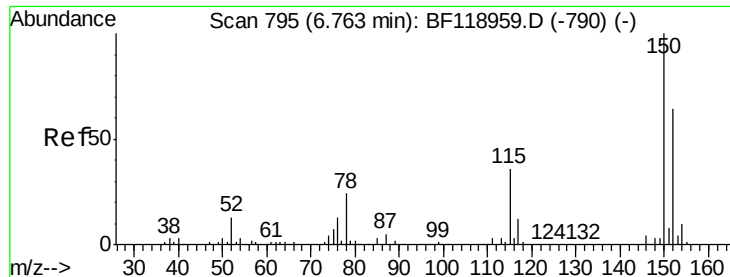
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119133.D
Acq On : 28 Feb 2020 15:59
Operator : CG/JU
Sample : L1688-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 02 02:38:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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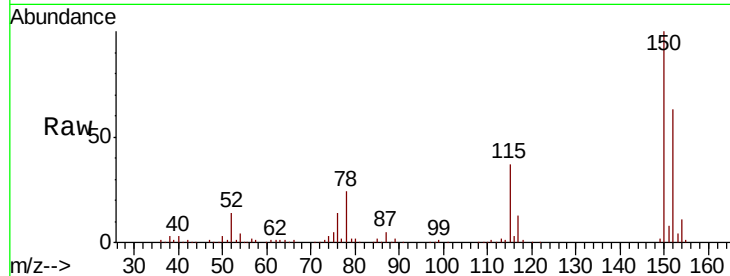


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	58.7	49.5	74.3

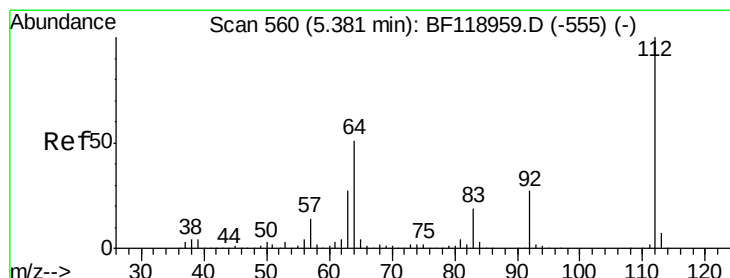
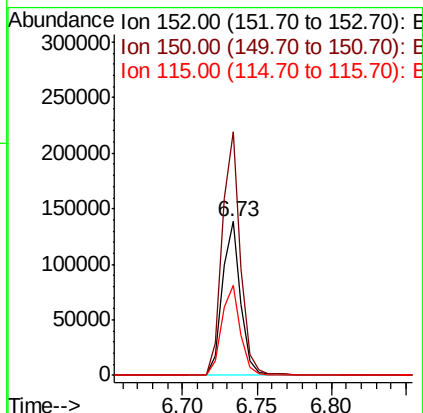
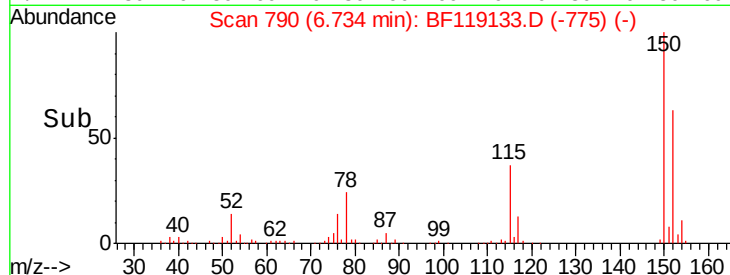


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

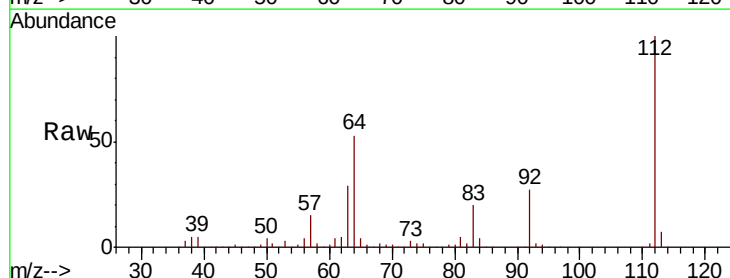
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.282 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.0	67.4
63	28.6	24.2	36.4

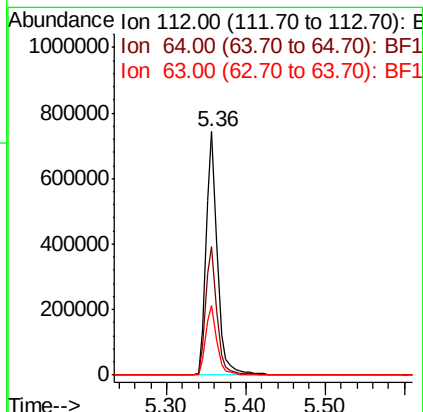
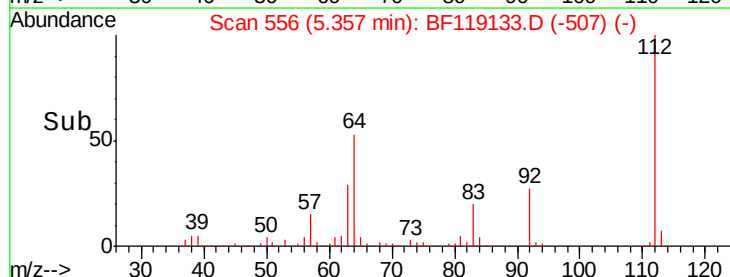


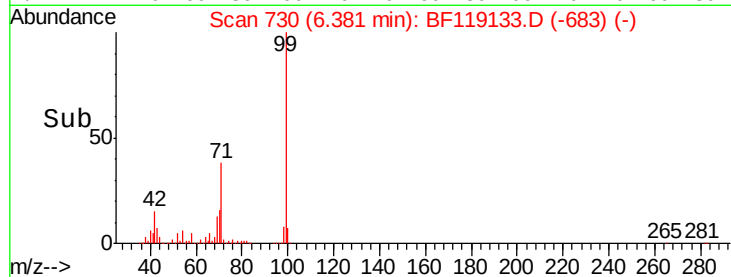
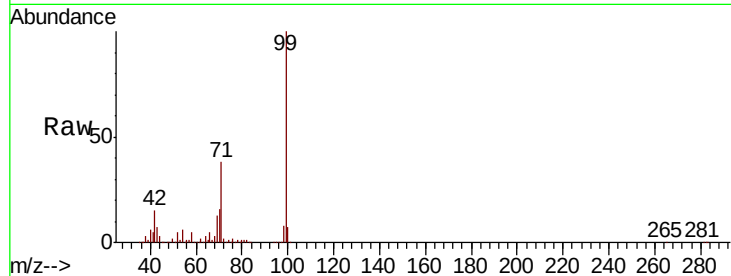
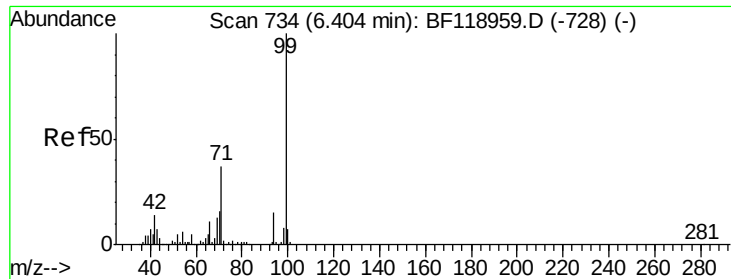
Abundance

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: 104.710 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

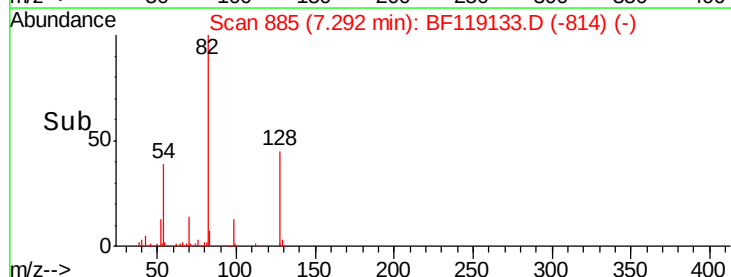
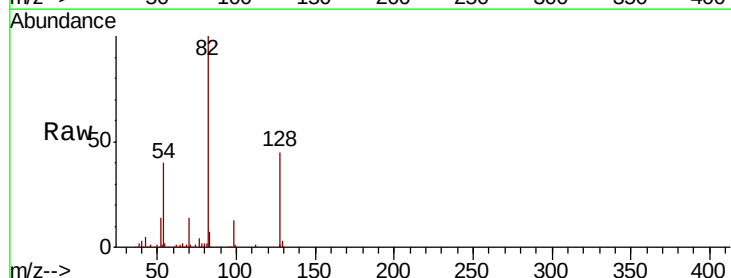
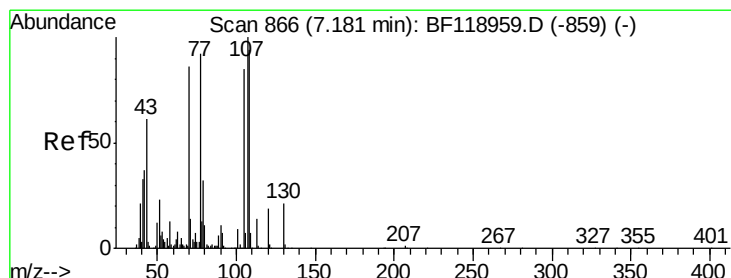
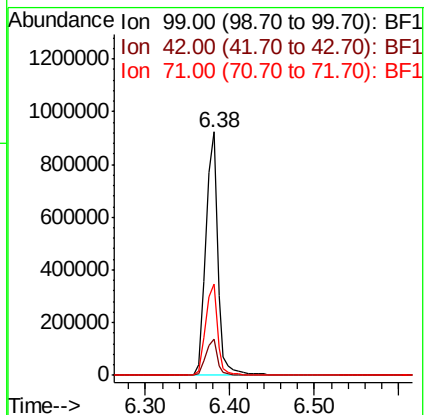
Tot Ion: 99 Resp: 917662

Ion Ratio Lower Upper

99 100

42 14.7 12.6 18.8

71 37.7 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.266 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Tgt Ion: 70 Resp: 83064

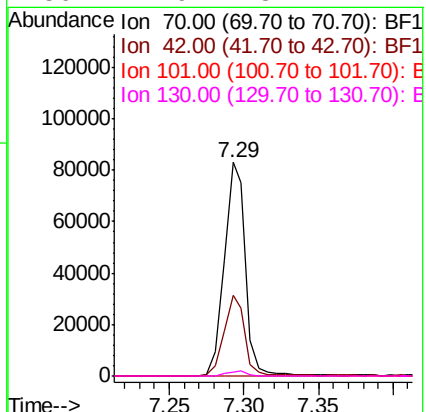
Ion Ratio Lower Upper

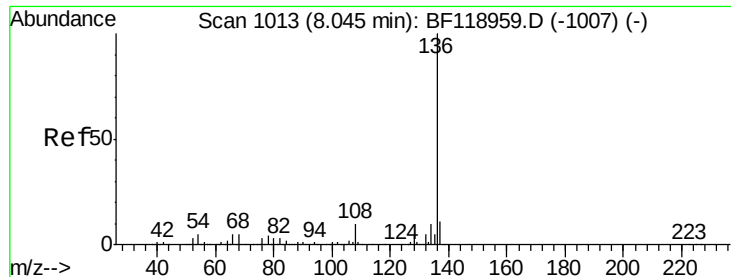
70 100

42 37.7 38.0 57.0#

101 0.0 8.2 12.4#

130 1.9 18.2 27.4#

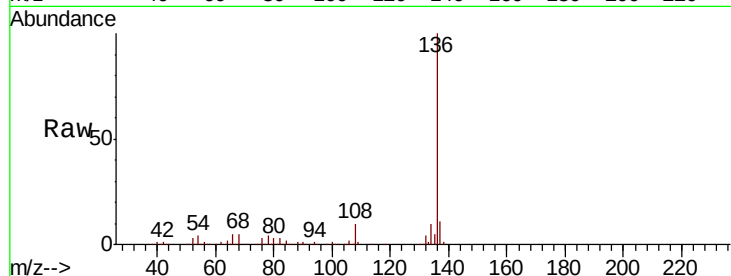




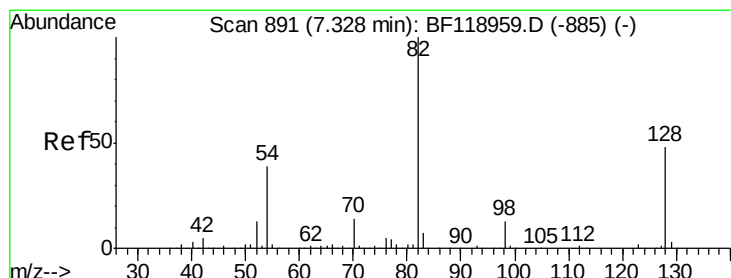
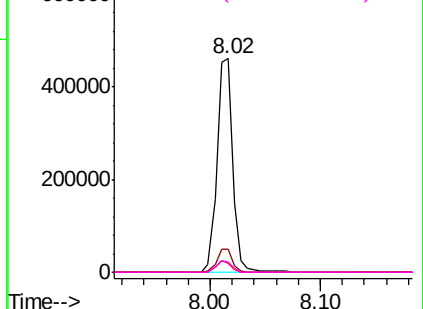
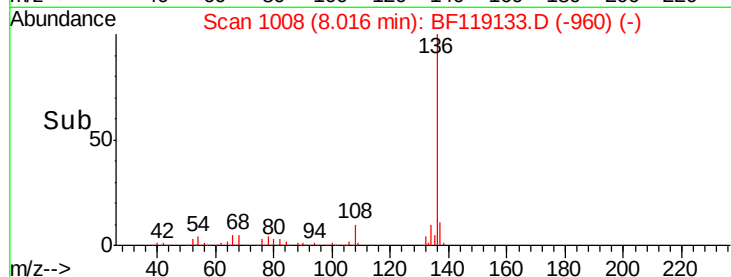
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	457216
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	4.5	3.8 5.6
68	4.8	3.9 5.9

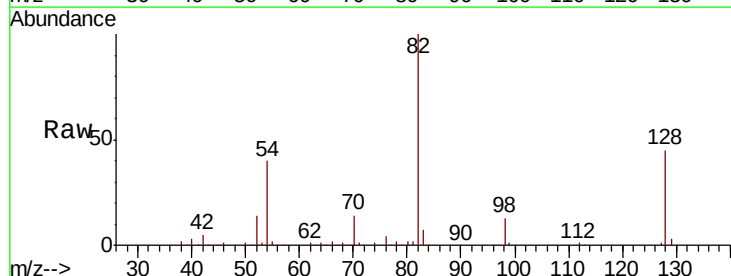


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

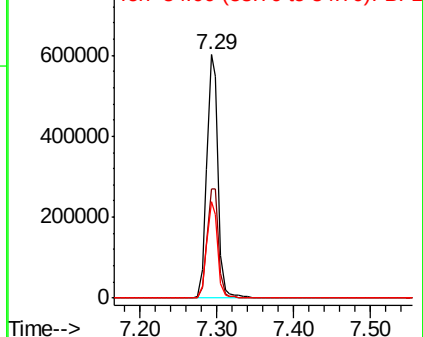
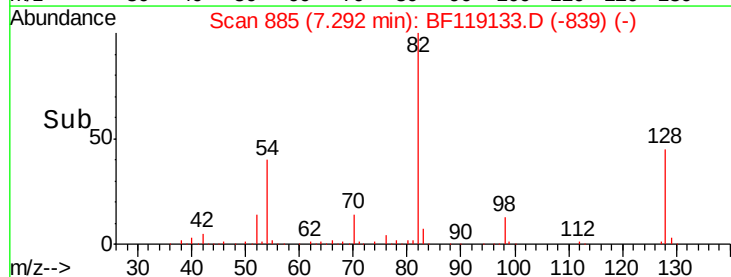


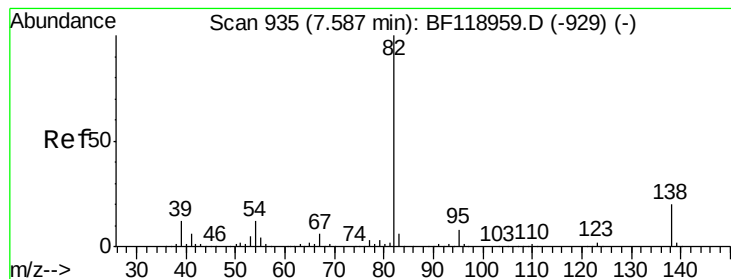
#23
Nitrobenzene-d5
Concen: 70.271 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Tgt Ion: 82	Resp:	608501
Ion	Ratio	Lower Upper
82	100	
128	45.1	37.9 56.9
54	39.7	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: 39.977 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.29 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

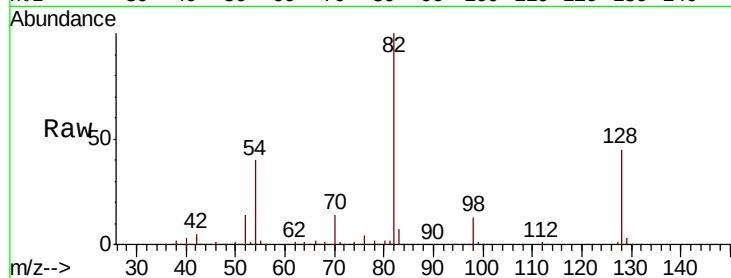
Tot Ion: 82 Resp: 601199

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

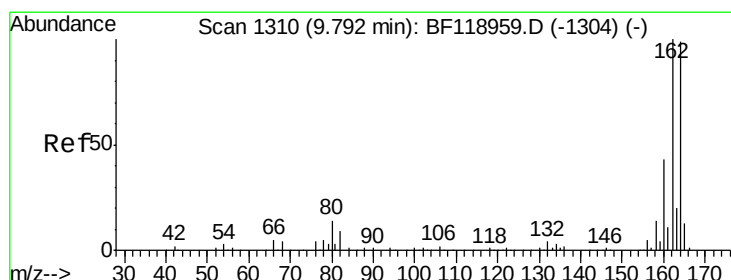
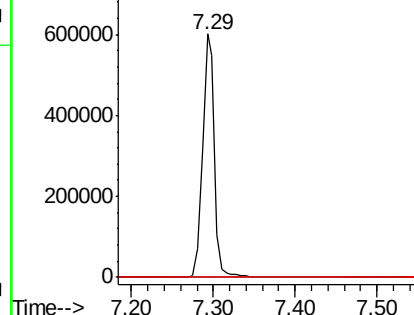
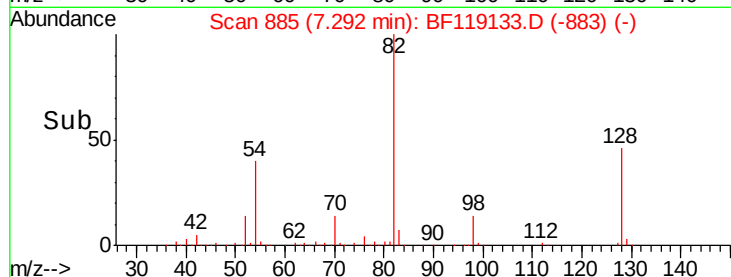
138 0.0 15.7 23.5#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

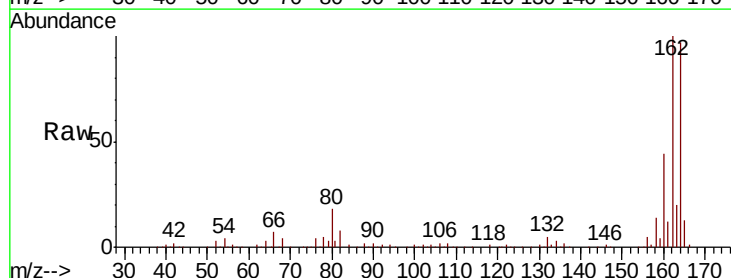
Tgt Ion: 164 Resp: 255242

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

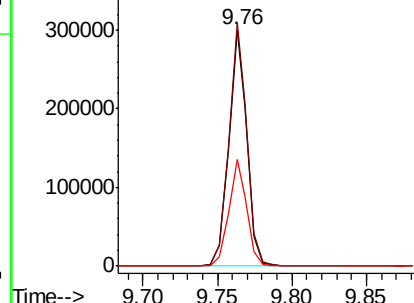
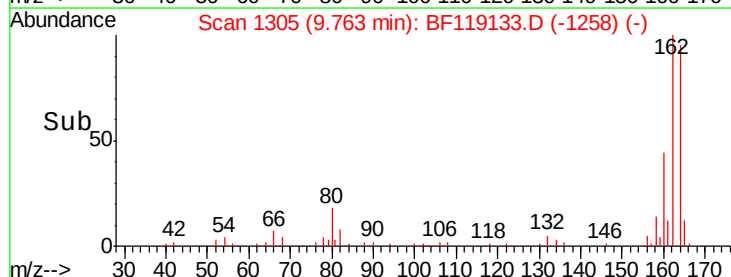
160 45.0 36.0 54.0

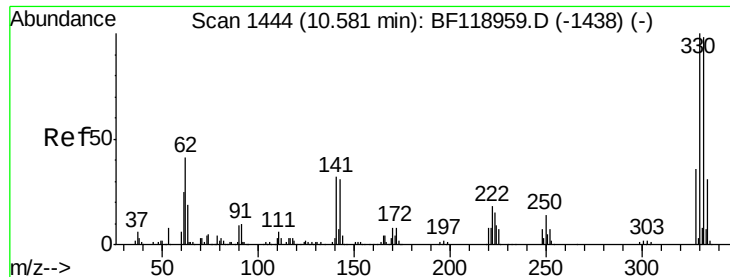


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.094 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampled :

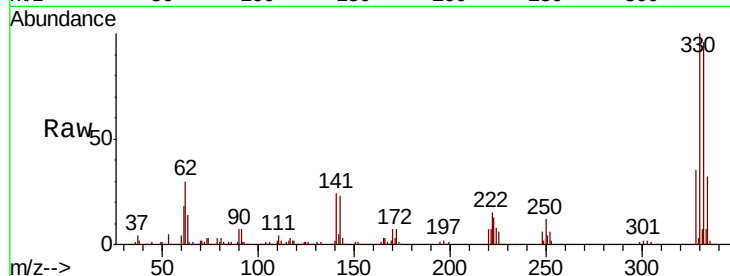
Tot Ion:330 Resp: 344231

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

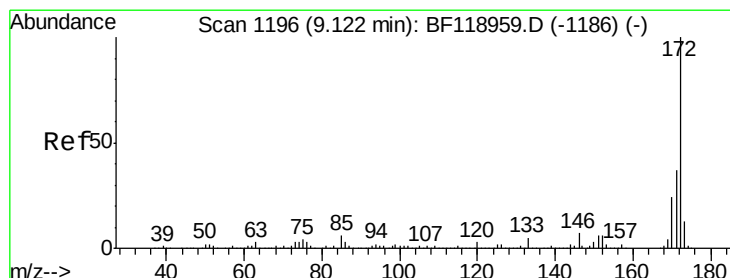
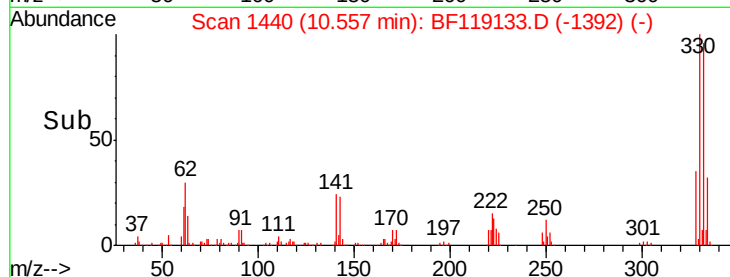
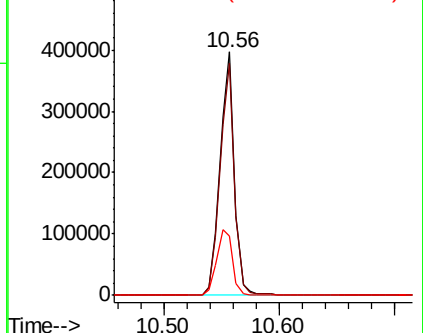
141 29.9 22.9 34.3



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: 67.677 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

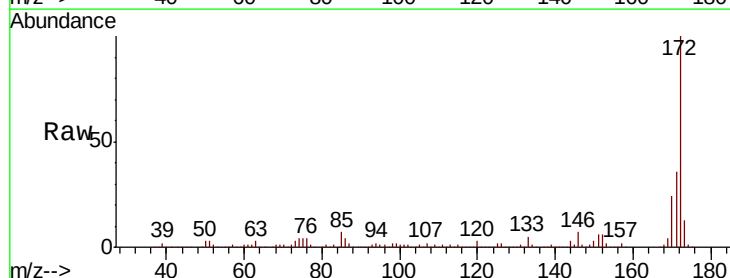
Tgt Ion:172 Resp: 1172572

Ion Ratio Lower Upper

172 100

171 36.4 30.6 45.8

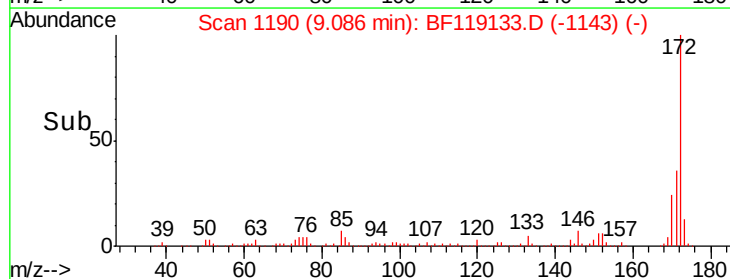
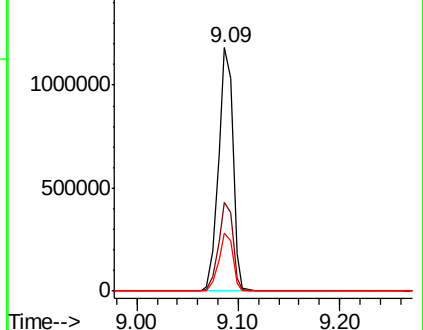
170 24.1 20.2 30.2

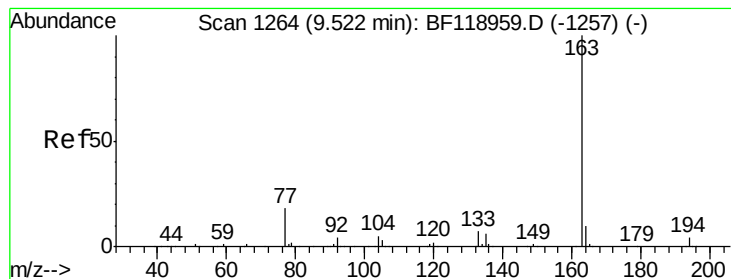


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.335 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

Instrument :

BNA_F

ClientSampled :

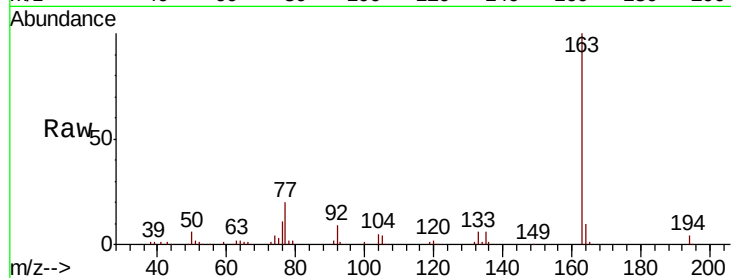
Tot Ion:163 Resp: 84604

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

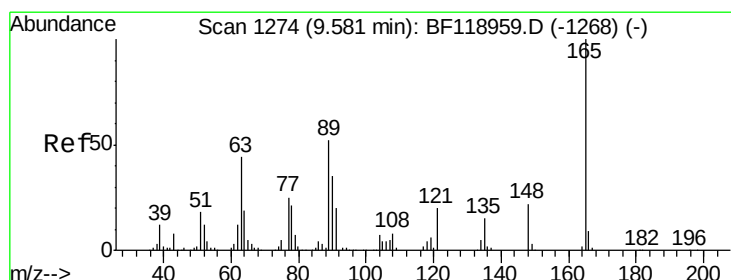
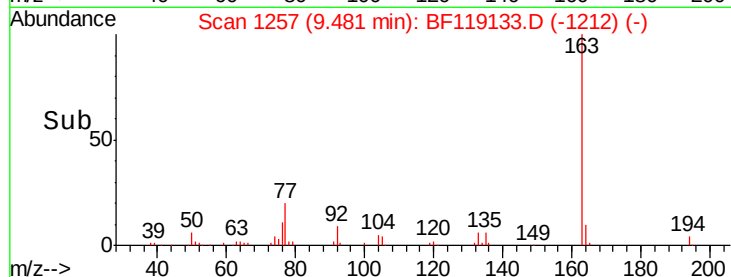
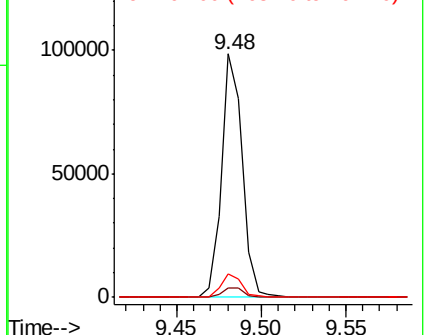
164 9.8 8.4 12.6



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: 7.556 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.18 min

Lab File: BF119133.D

Acq: 28 Feb 2020 15:59

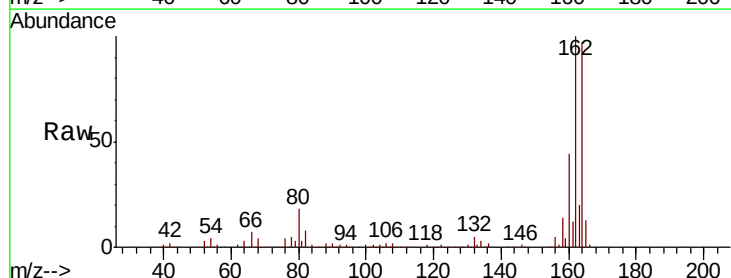
Tgt Ion:165 Resp: 32766

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

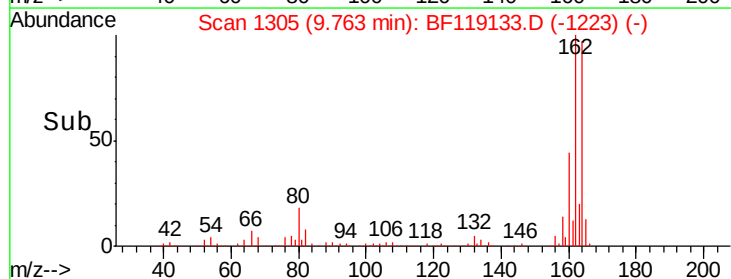
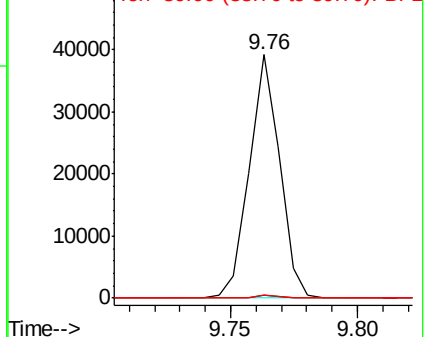
89 1.5 38.3 57.5#

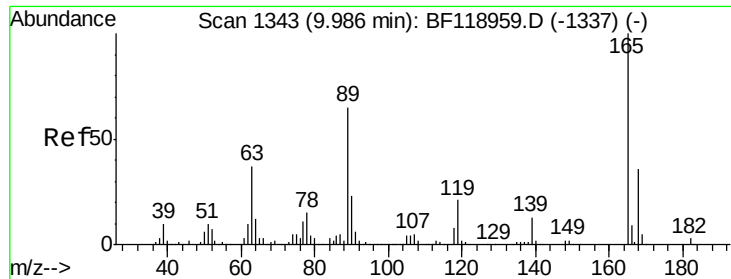


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

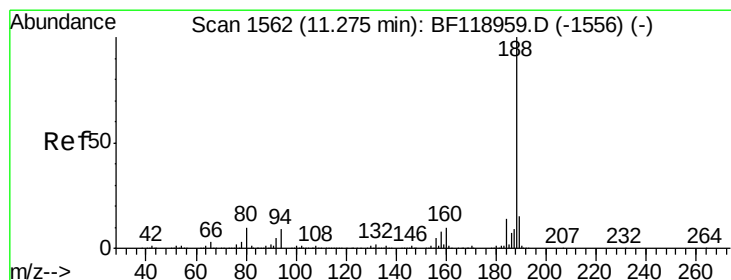
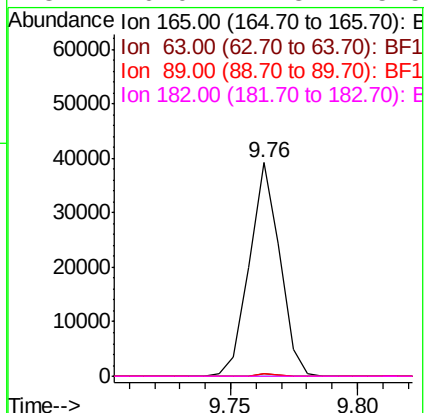
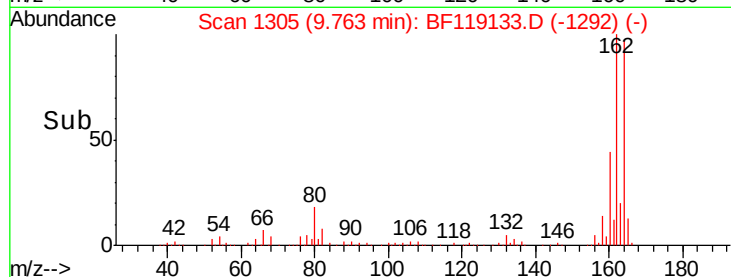
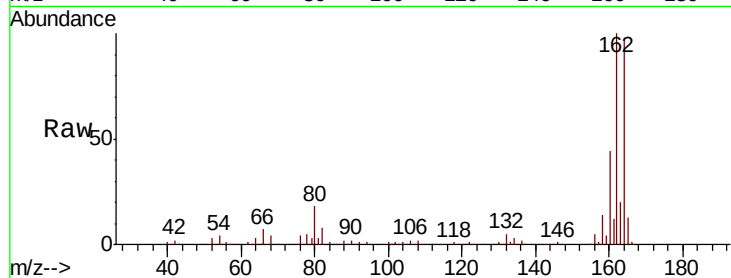




#57
2,4-Dinitrotoluene
Concen: 5.830 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.22 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

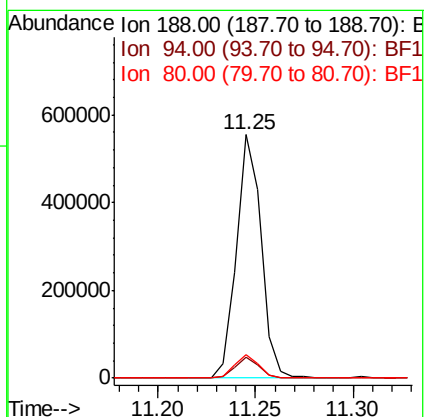
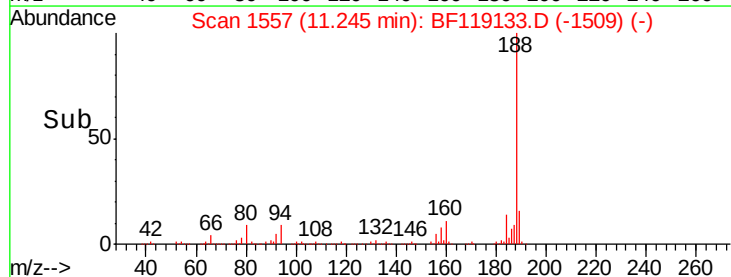
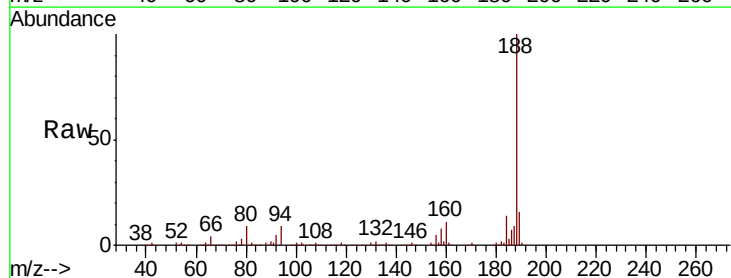
Instrument :
BNA_F
ClientSampleId :

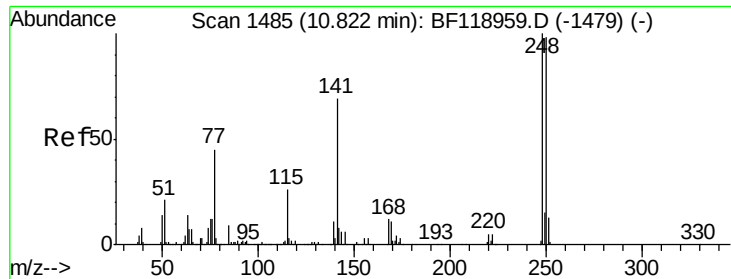
Tot Ion:165	Resp:	32766
Ion Ratio	Lower	Upper
165 100		
63 1.2	42.3	63.5#
89 1.5	60.2	90.4#
182 0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Tgt Ion:188	Resp:	487476
Ion Ratio	Lower	Upper
188 100		
94 8.8	7.1	10.7
80 9.4	7.8	11.8

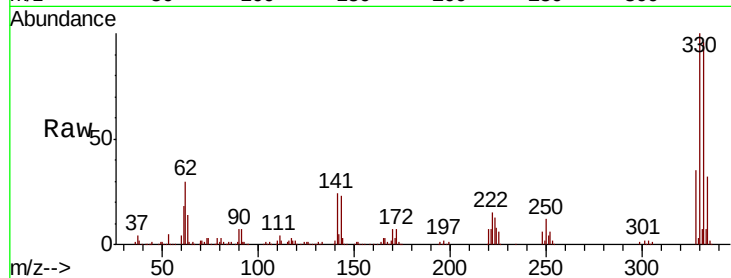




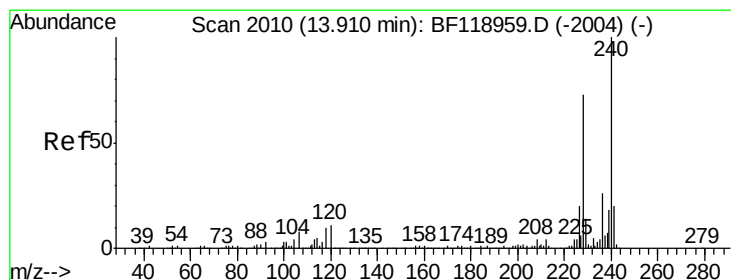
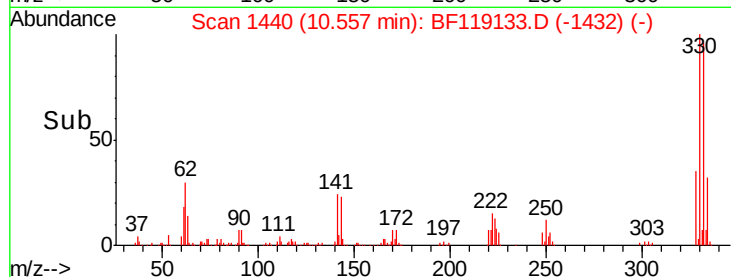
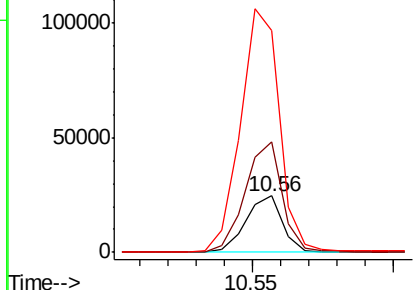
#67
4-Bromophenyl-phenylether
Concen: 3.483 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 22192
Ion Ratio Lower Upper
248 100
250 194.3 76.7 115.1#
141 391.5 60.7 91.1#

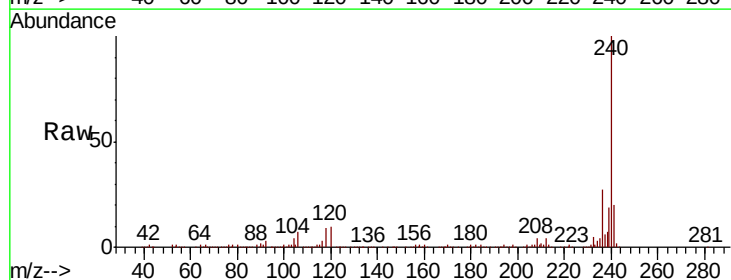


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

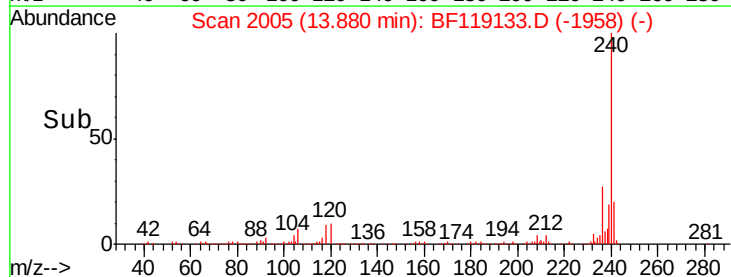
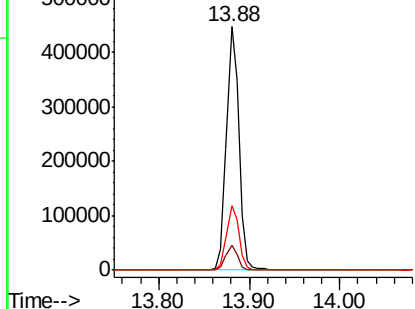


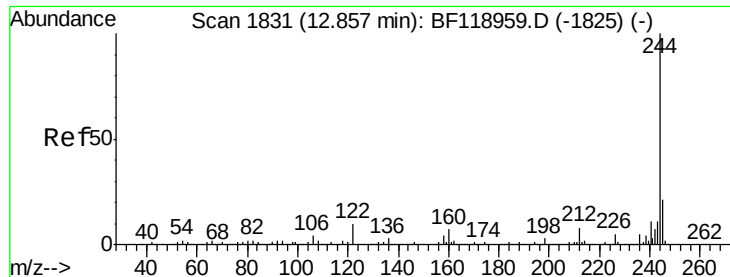
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119133.D
Acq: 28 Feb 2020 15:59

Tgt Ion:240 Resp: 423124
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.6 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



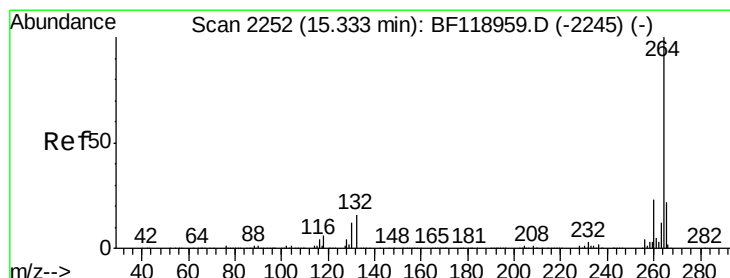
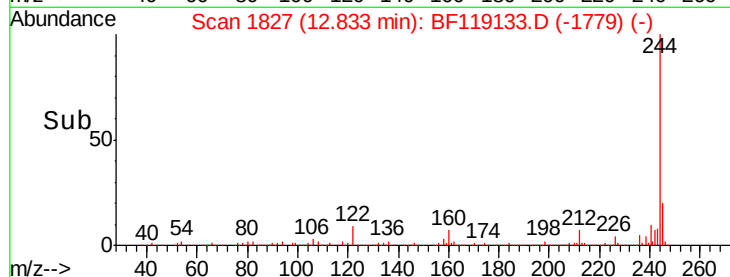
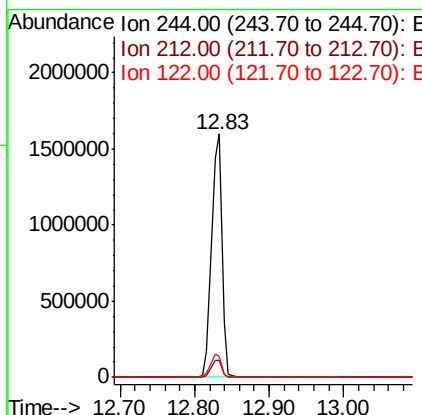
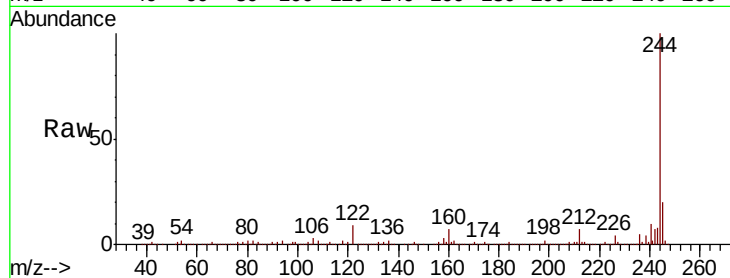


#79
 Terphenyl-d14
 Concen: 62.453 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119133.D
 Acq: 28 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1534859

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.7	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119133.D
 Acq: 28 Feb 2020 15:59

Tgt Ion:264 Resp: 433610

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	17.7	26.5

