

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119150.D
 Acq On : 29 Feb 2020 00:45
 Operator : CG/JU
 Sample : L1718-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:43:16 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

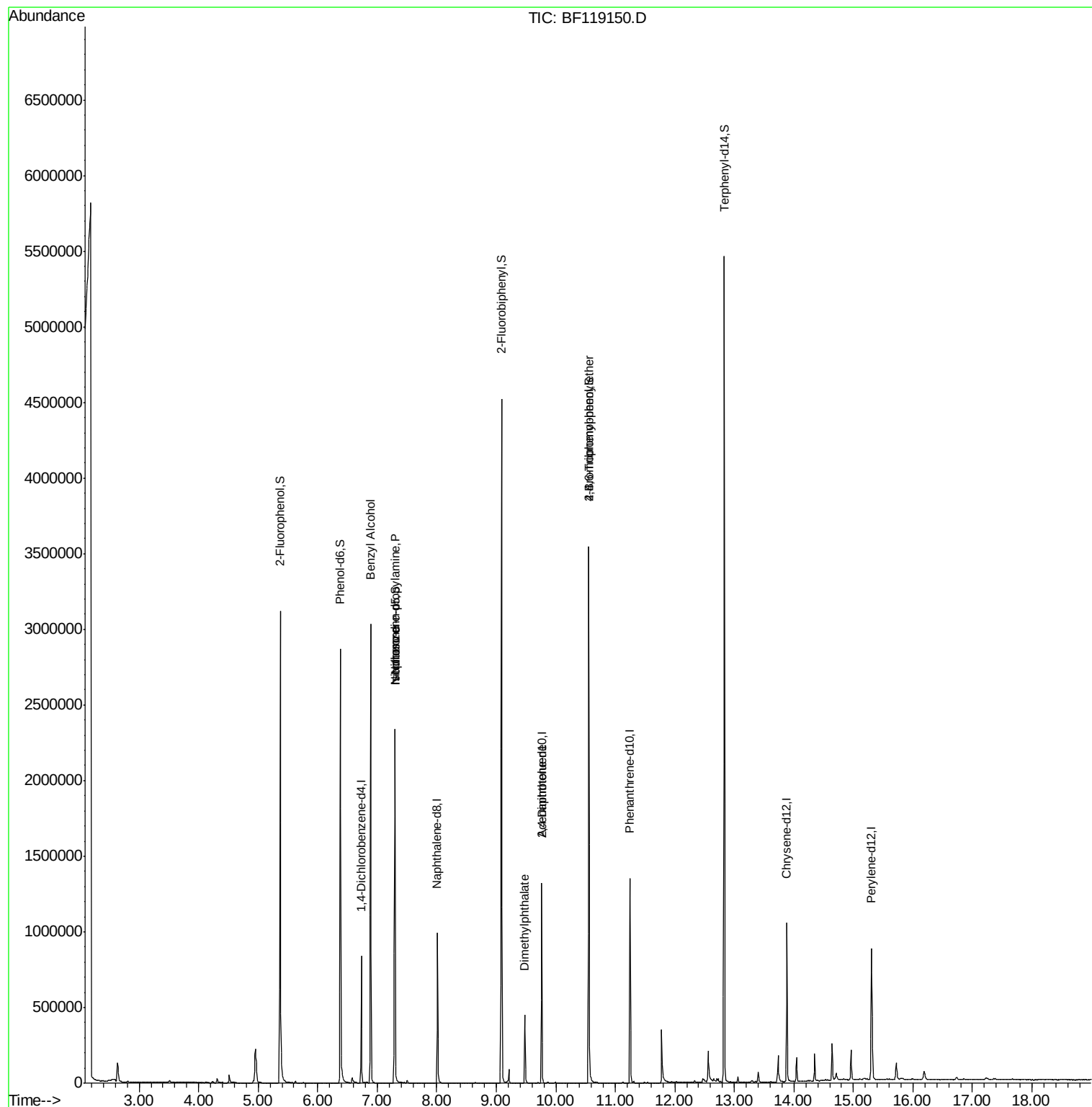
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127596	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	498232	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	277254	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	536125	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	352375	20.00	ng	-0.02
87) Perylene-d12	15.30	264	370731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	937691	122.81	ng	0.00
7) Phenol-d6	6.38	99	1071502	115.39	ng	-0.02
23) Nitrobenzene-d5	7.30	82	802149	85.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	475451	131.09	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1569112	83.37	ng	-0.02
79) Terphenyl-d14	12.83	244	1949338	95.24	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13790	2.055	ng	# 54
19) n-Nitroso-di-n-propylamine	7.30	70	111758	20.655	ng	# 75
25) Isophorone	7.30	82	802140	48.947	ng	# 63
50) Dimethylphthalate	9.48	163	190996	9.009	ng	98
57) 2,4-Dinitrotoluene	9.76	165	35355	5.791	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	30984	4.421	ng	# 1

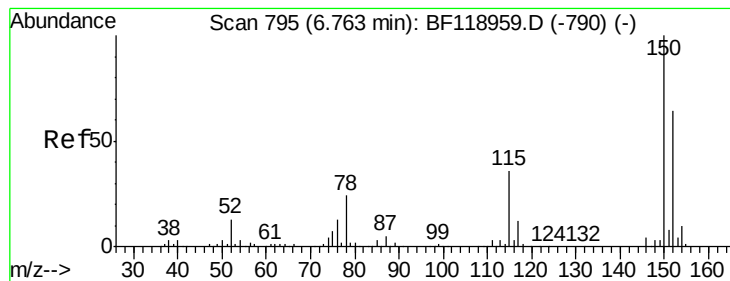
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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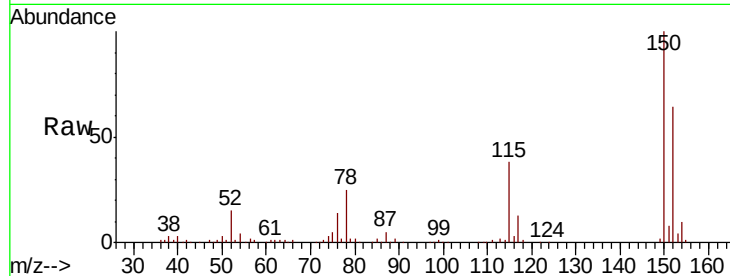


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	59.0	49.5	74.3

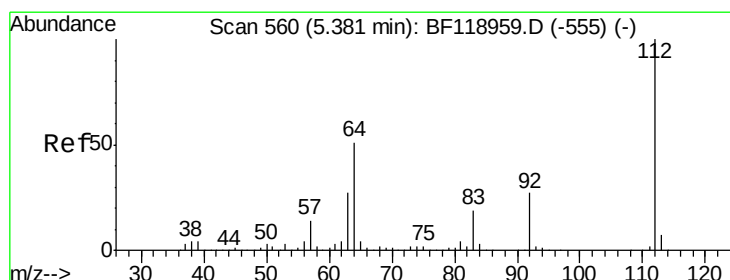
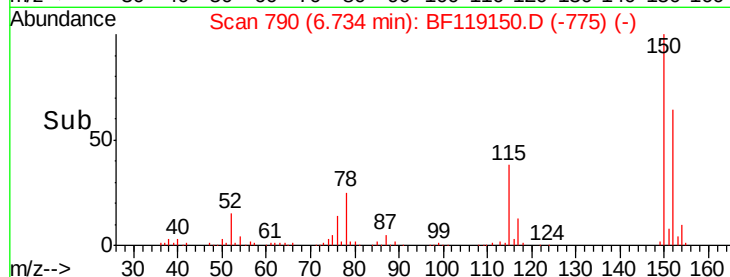
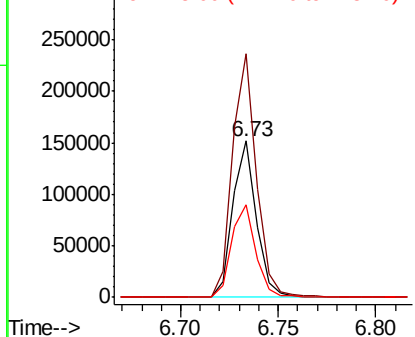


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

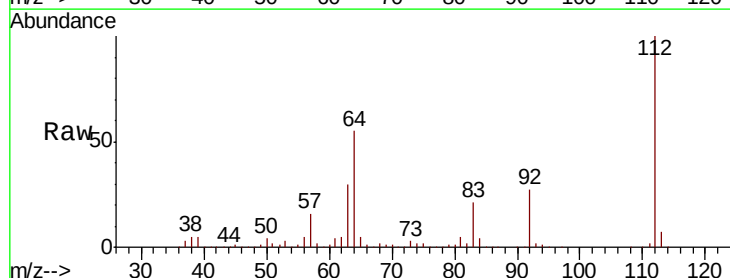
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.813 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.0	67.4
63	30.0	24.2	36.4

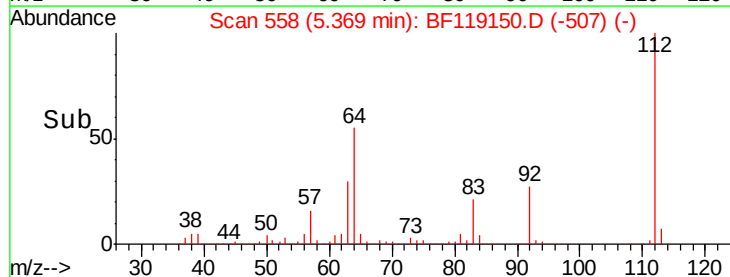
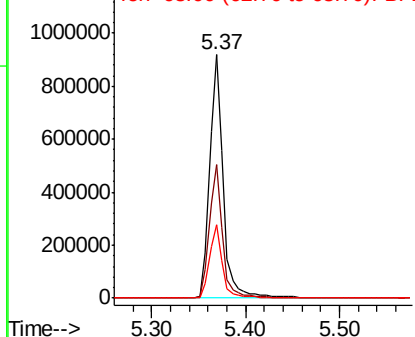


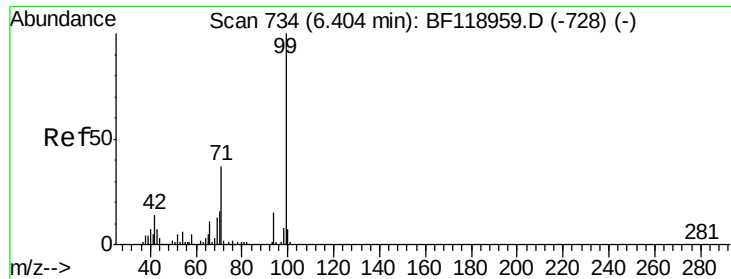
Abundance

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: 115.393 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119150.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_F

ClientSampled :

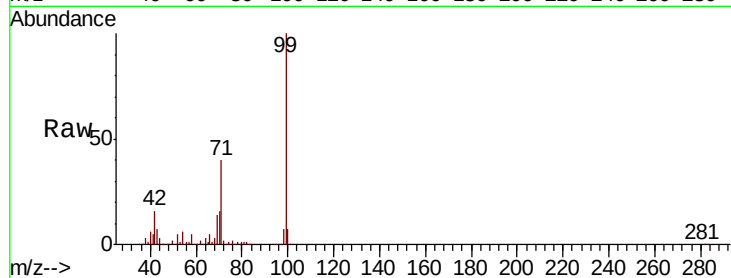
Tot Ion: 99 Resp: 1071502

Ion Ratio Lower Upper

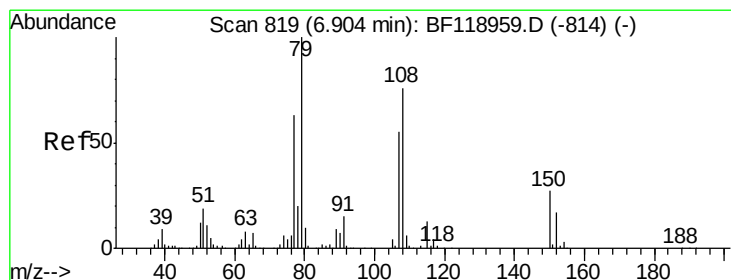
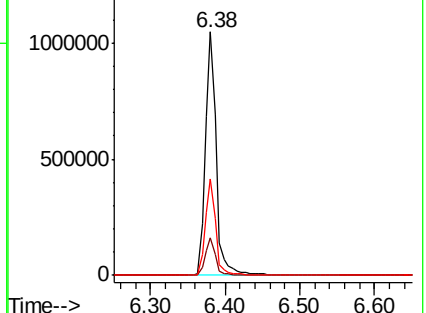
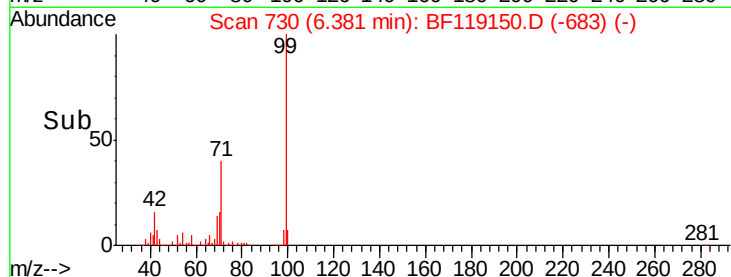
99 100

42 15.6 12.6 18.8

71 39.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.055 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119150.D

Acq: 29 Feb 2020 00:45

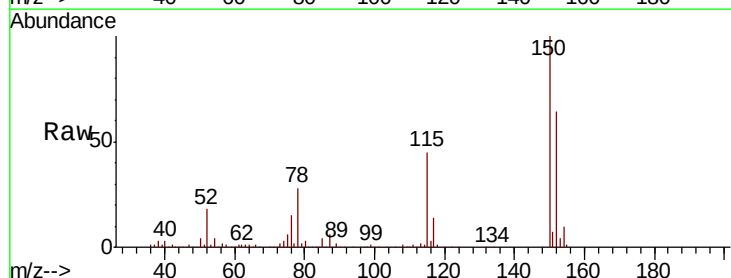
Tgt Ion: 79 Resp: 13790

Ion Ratio Lower Upper

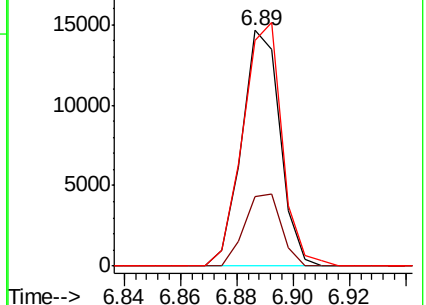
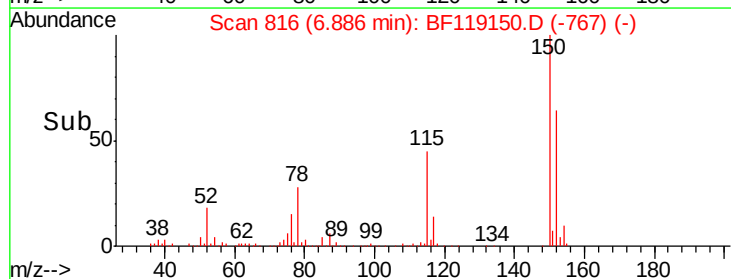
79 100

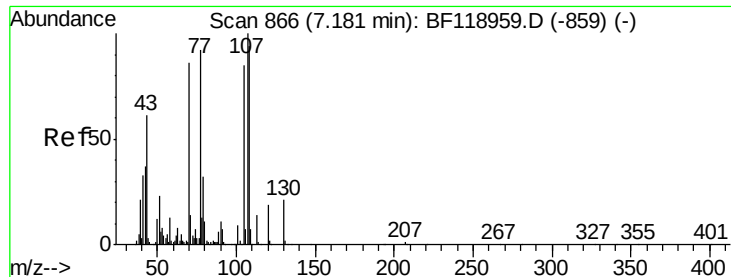
108 29.3 58.2 87.2#

77 95.6 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

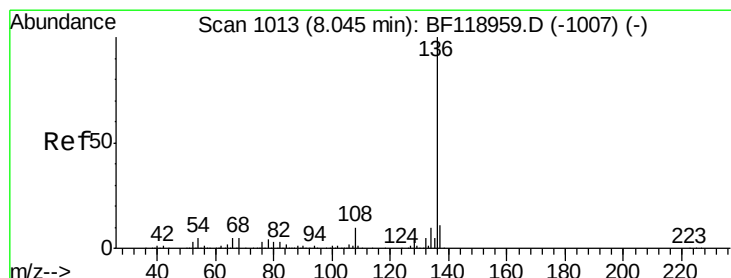
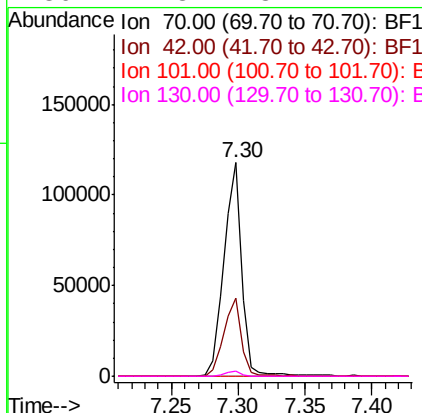
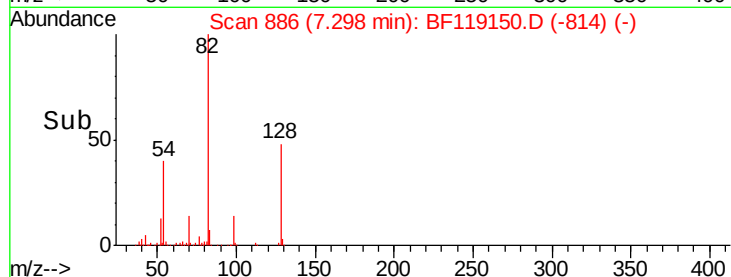
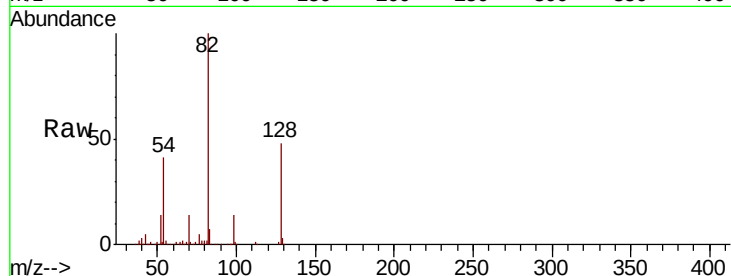




#19
n-Nitroso-di-n-propylamine
Concen: 20.655 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

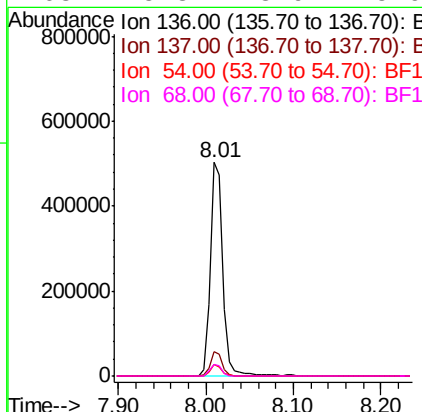
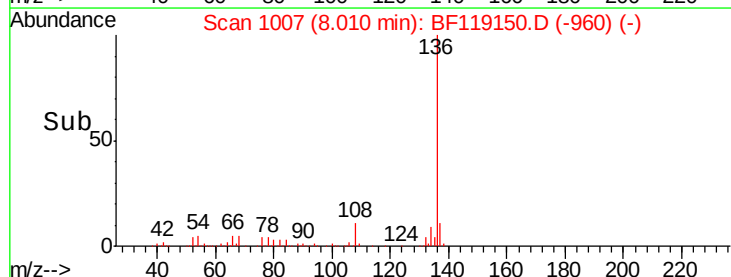
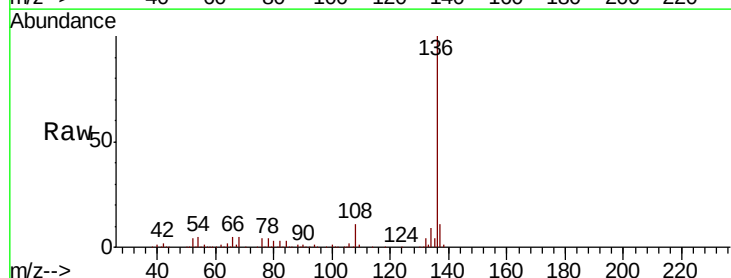
Instrument :
BNA_F
ClientSampleId :

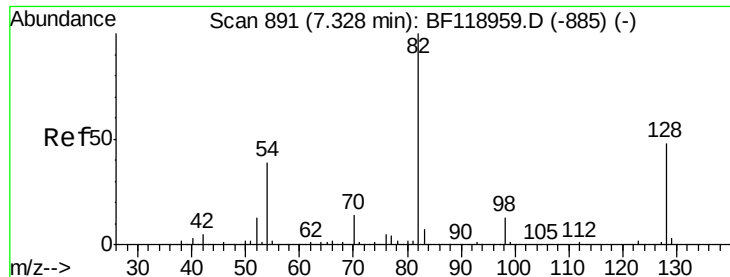
Tot Ion: 70 Resp: 111758
Ion Ratio Lower Upper
70 100
42 36.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Tgt Ion: 136 Resp: 498232
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.3 3.8 5.6
68 5.3 3.9 5.9

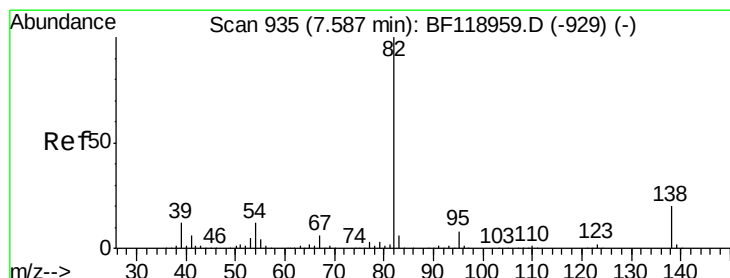
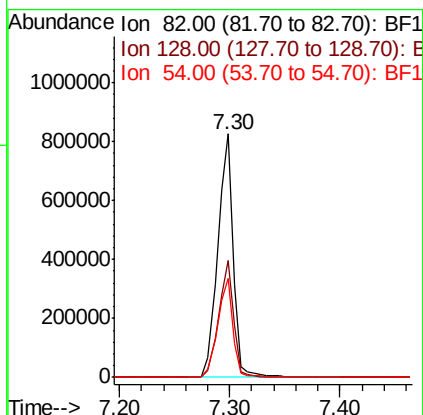
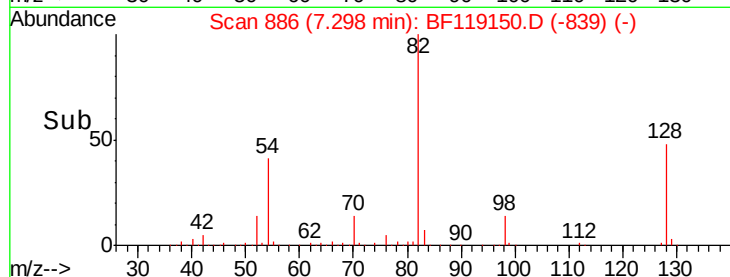
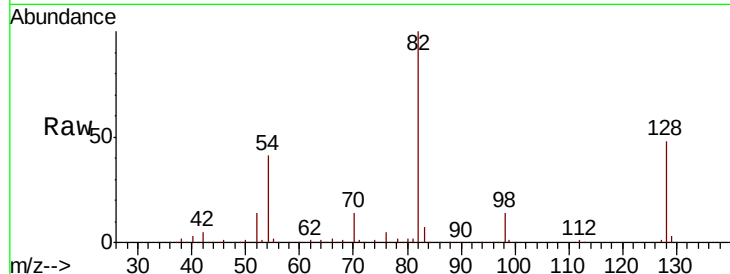




#23
Nitrobenzene-d5
Concen: 85.008 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

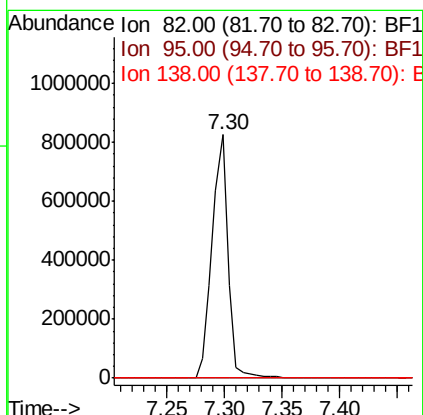
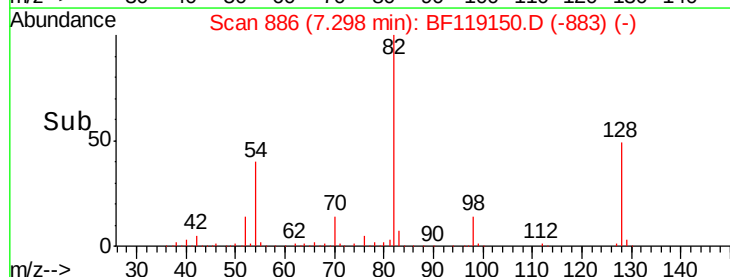
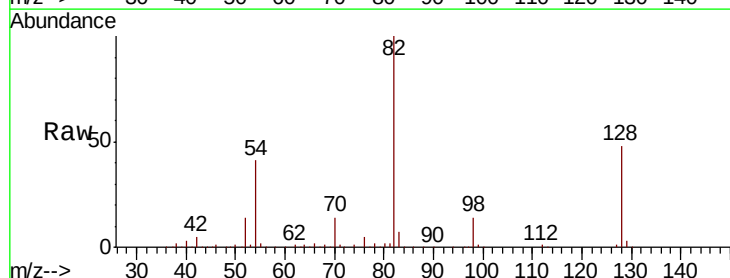
Instrument :
BNA_F
ClientSampleId :

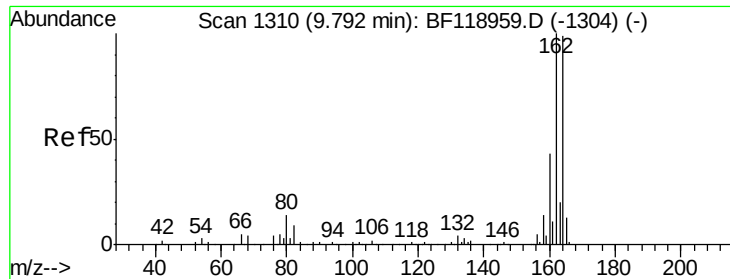
Tot Ion: 82 Resp: 802149
Ion Ratio Lower Upper
82 100
128 48.0 37.9 56.9
54 40.6 33.4 50.2



#25
Isophorone
Concen: 48.947 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Tgt Ion: 82 Resp: 802140
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

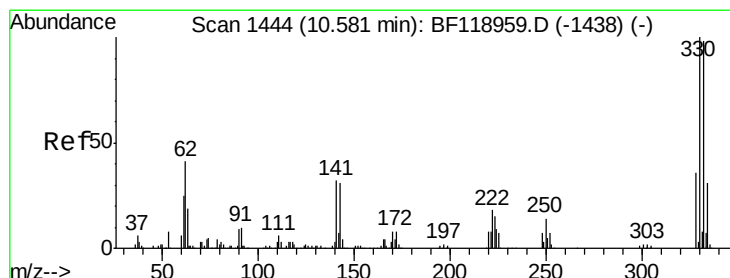
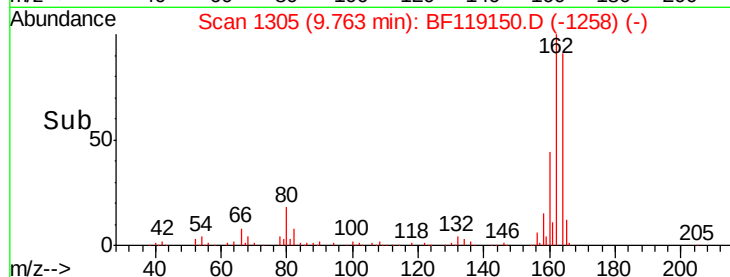
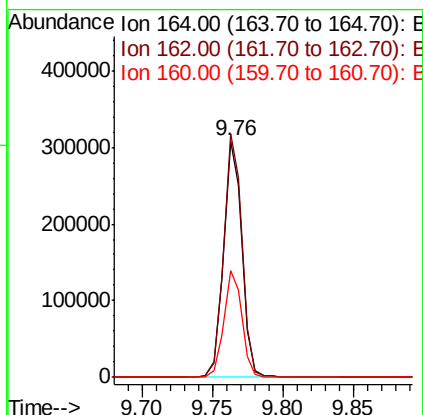
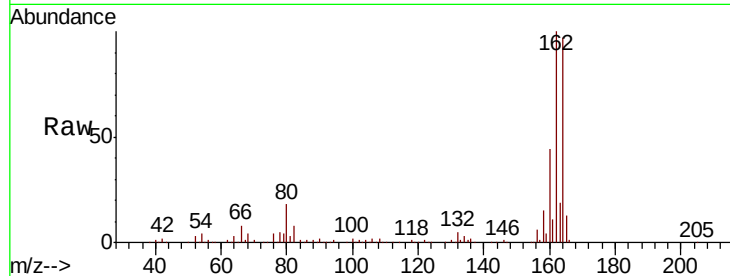




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

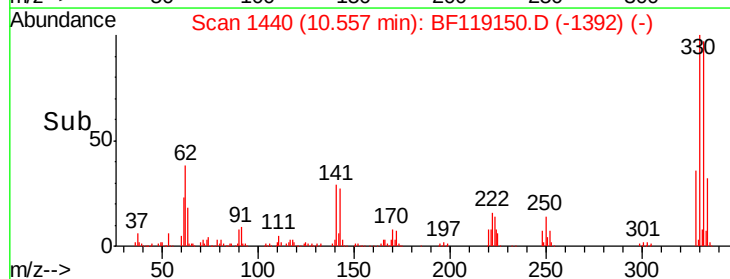
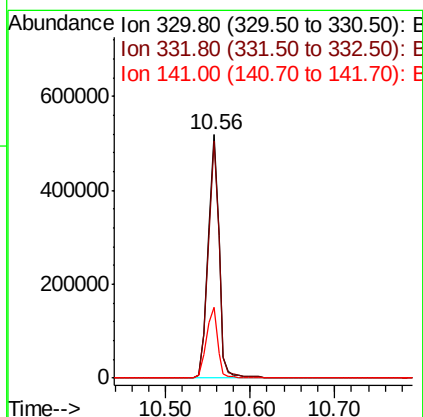
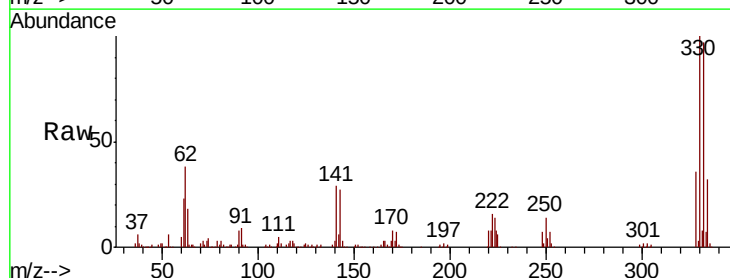
Instrument :
BNA_F
ClientSampleId :

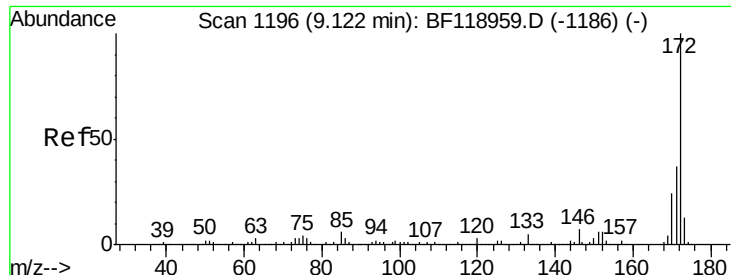
Tot Ion:164 Resp: 277254
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 45.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 131.088 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Tgt Ion:330 Resp: 475451
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 29.7 22.9 34.3

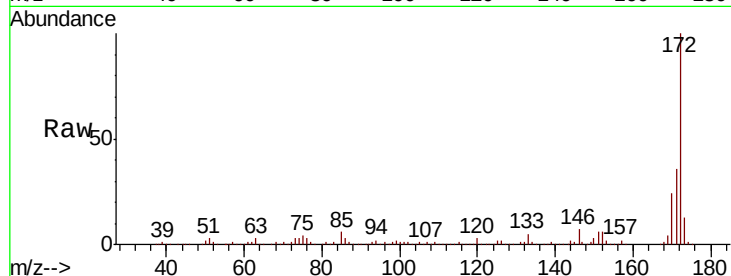




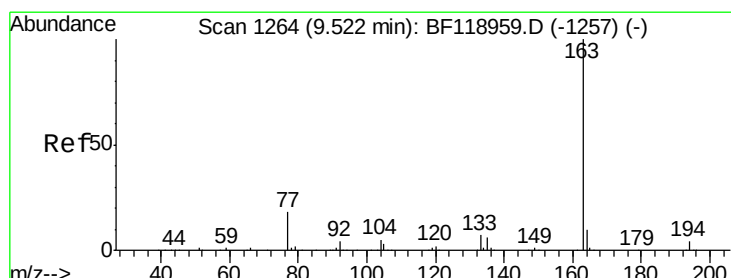
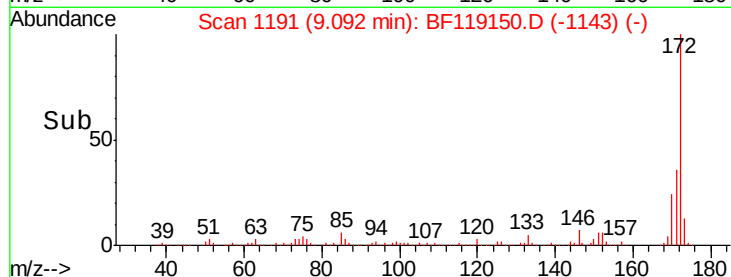
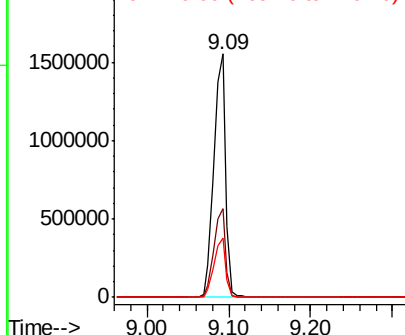
#45
2-Fluorobiphenyl
Concen: 83.374 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1569112
Ion Ratio Lower Upper
172 100
171 36.4 30.6 45.8
170 24.2 20.2 30.2

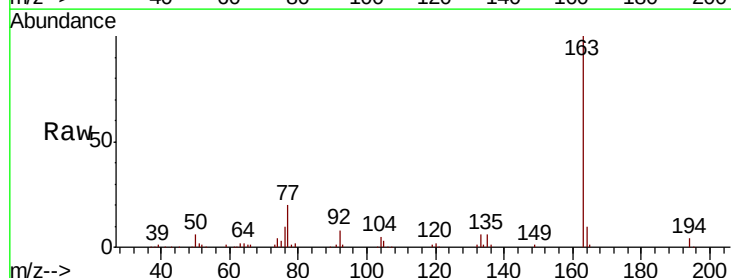


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

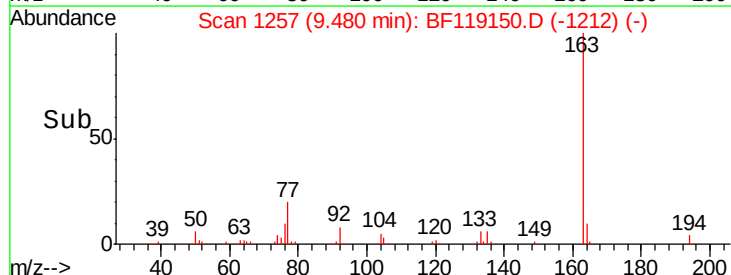
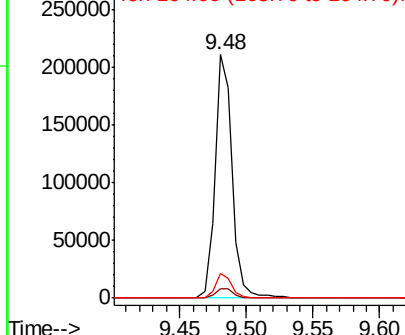


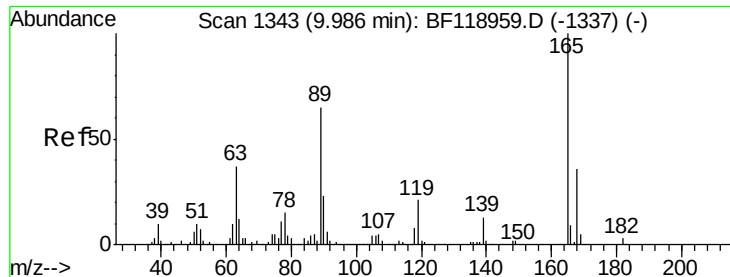
#50
Dimethylphthalate
Concen: 9.009 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF119150.D
Acq: 29 Feb 2020 00:45

Tgt Ion:163 Resp: 190996
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.0 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

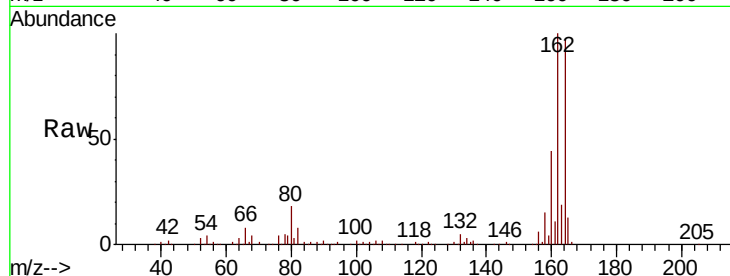




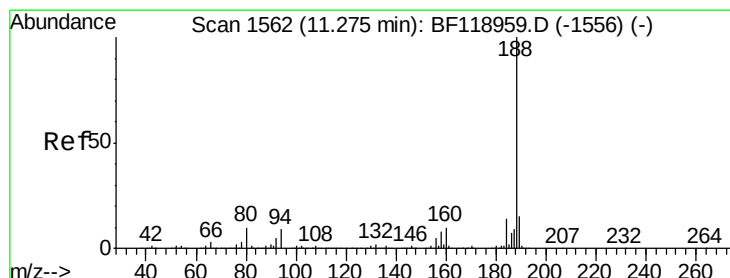
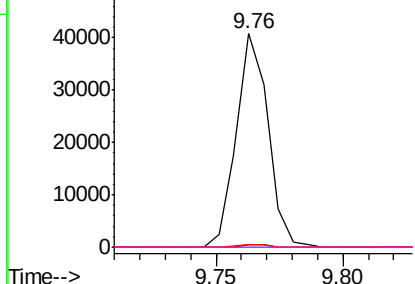
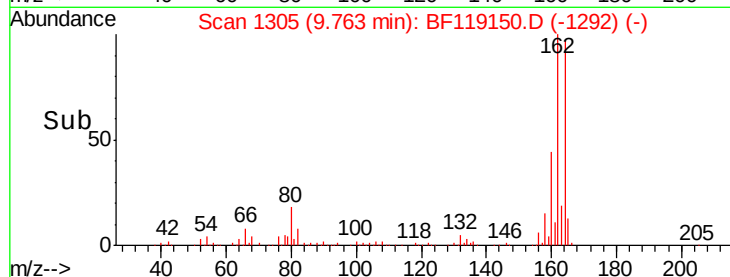
#57
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.22 min
 Lab File: BF119150.D
 Acq: 29 Feb 2020 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	35355
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#

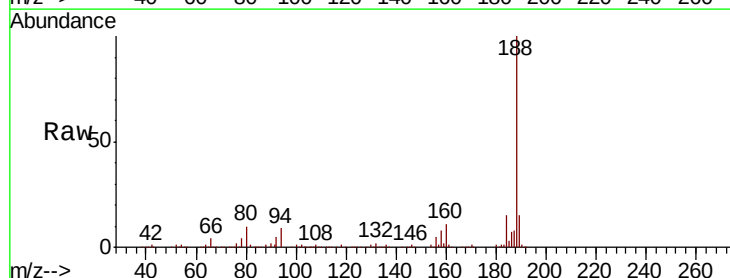


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

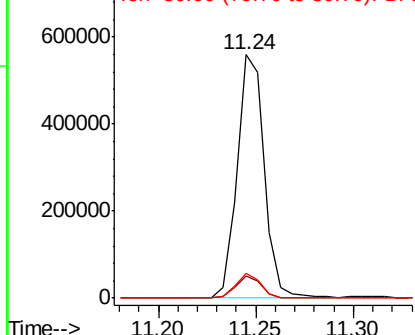
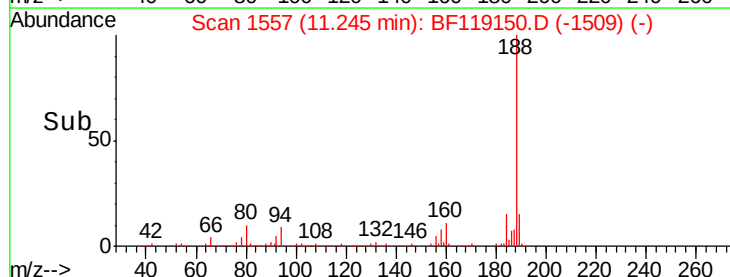


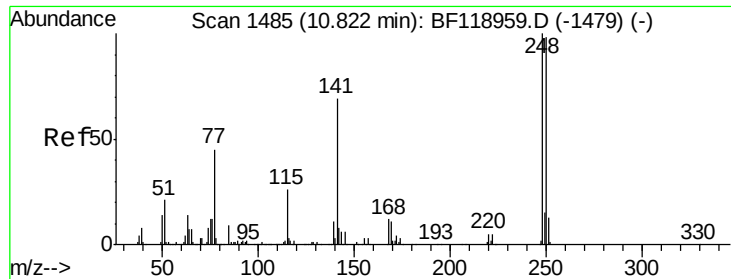
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119150.D
 Acq: 29 Feb 2020 00:45

Tgt Ion:	188	Resp:	536125
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.9	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 4.421 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF119150.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_F

ClientSampleId :

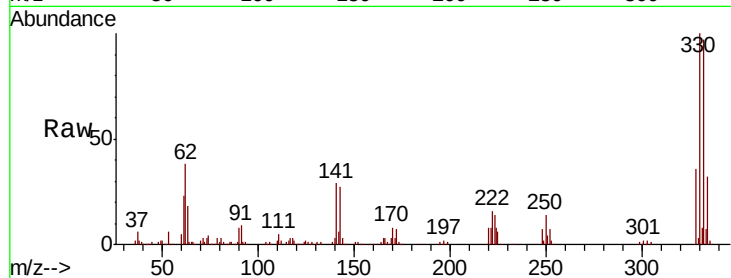
Tot Ion:248 Resp: 30984

Ion Ratio Lower Upper

248 100

250 204.5 76.7 115.1#

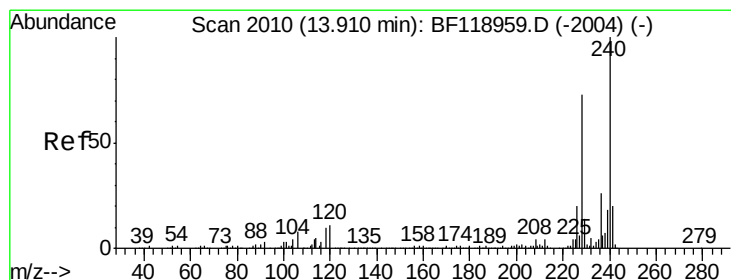
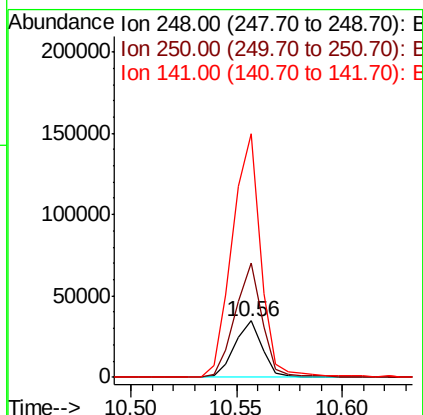
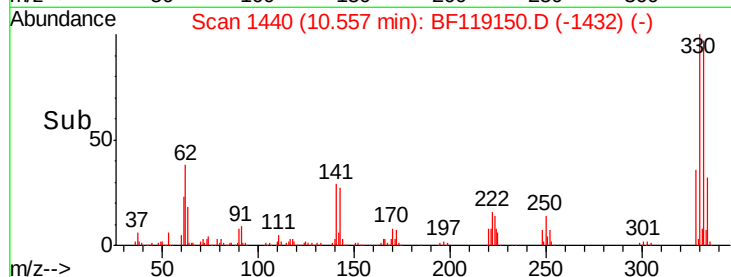
141 434.0 60.7 91.1#



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: BF119150.D

Acq: 29 Feb 2020 00:45

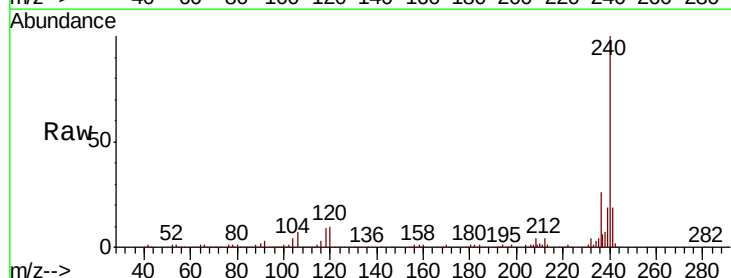
Tgt Ion:240 Resp: 352375

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

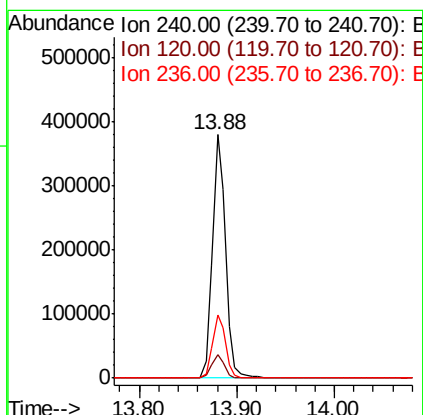
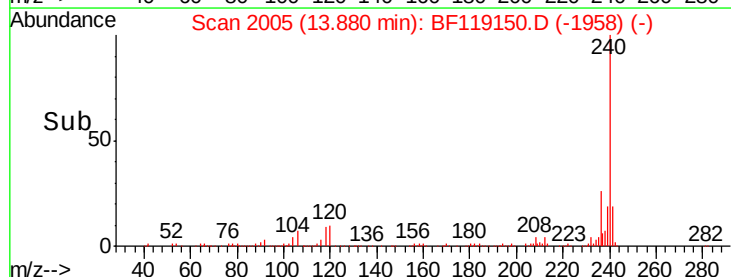
236 25.9 21.0 31.4

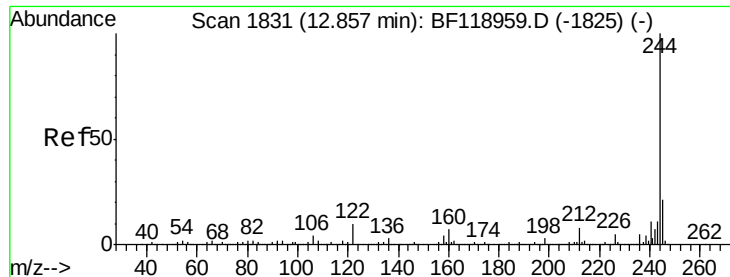


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



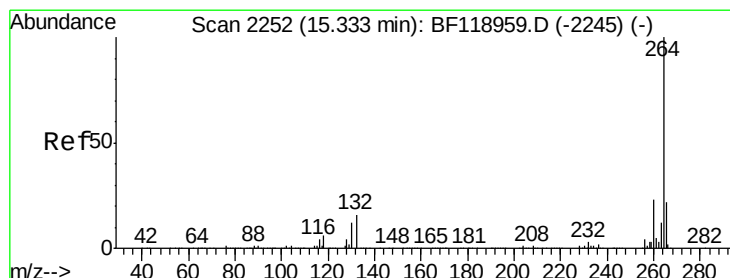
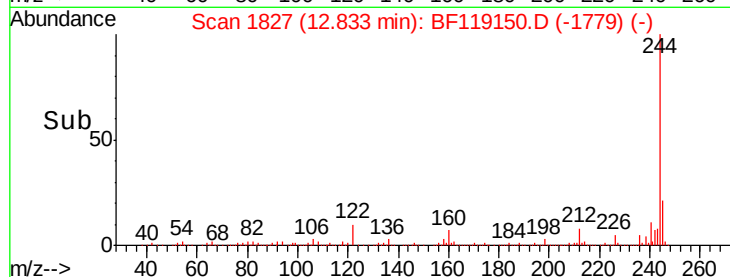
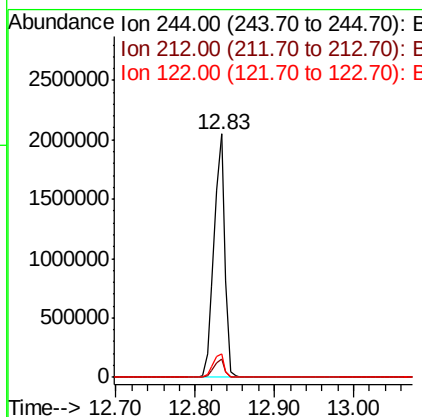
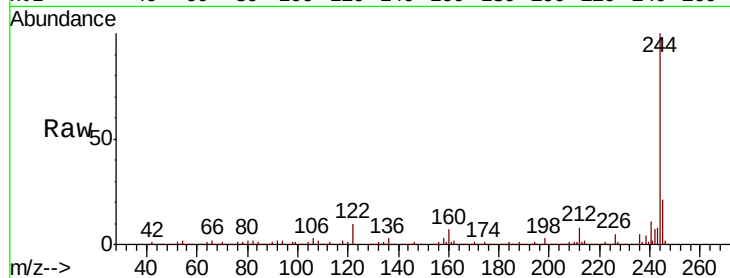


#79
 Terphenyl-d14
 Concen: 95.243 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119150.D
 Acq: 29 Feb 2020 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1949338

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	9.7	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: BF119150.D
 Acq: 29 Feb 2020 00:45

Tgt Ion:264 Resp: 370731

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.8	17.7	26.5

