

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119264.D
 Acq On : 6 Mar 2020 22:09
 Operator : CG/JU
 Sample : L1761-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:50:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105630	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	395505	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	222477	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	427425	20.00	ng	0.00
76) Chrysene-d12	13.88	240	346202	20.00	ng	0.00
87) Perylene-d12	15.30	264	323222	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	737801	116.73	ng	0.01
7) Phenol-d6	6.38	99	804789	104.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	641061	85.58	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	374127	128.55	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1296690	85.86	ng	0.00
79) Terphenyl-d14	12.83	244	1787461	88.89	ng	0.00

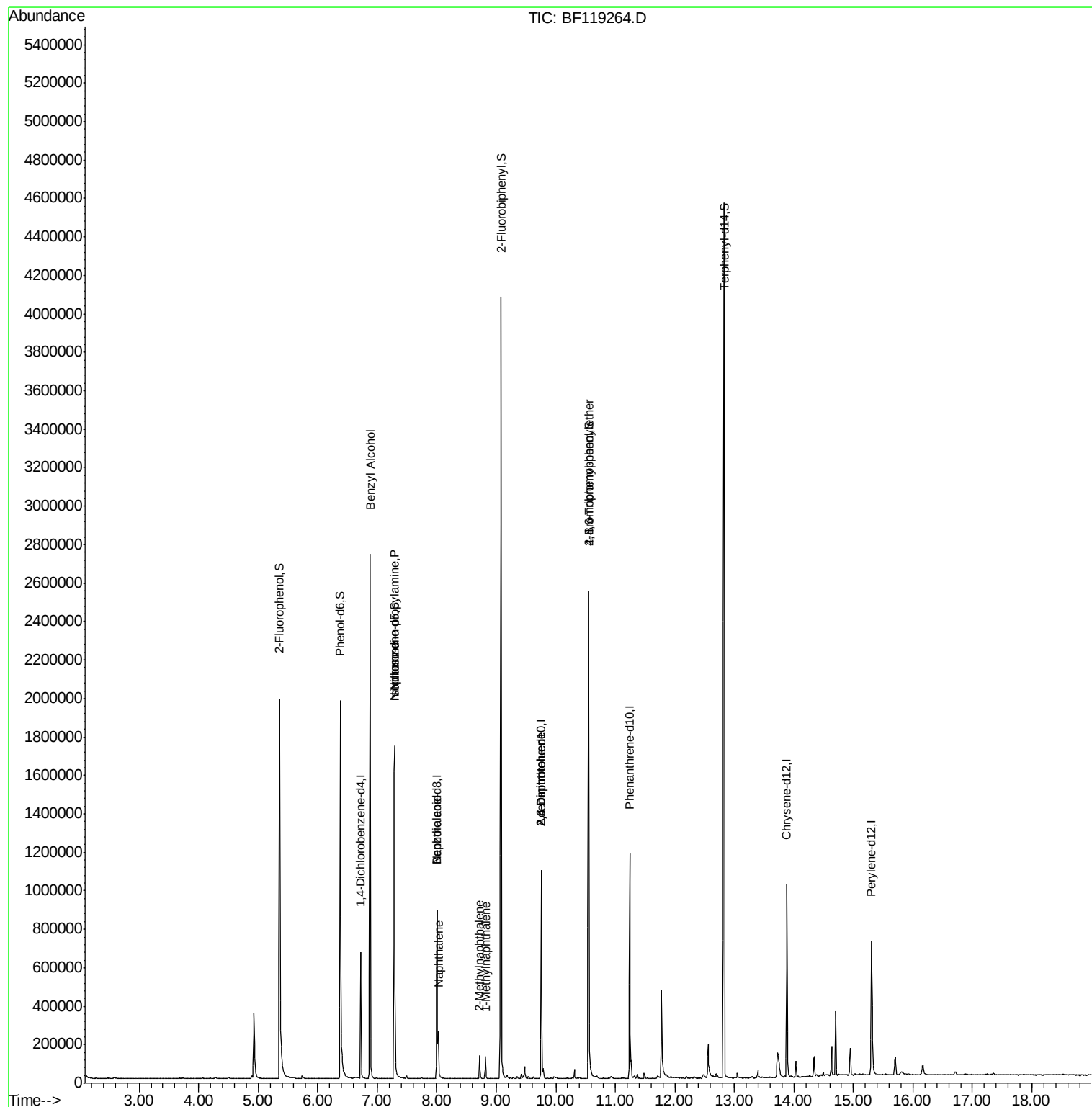
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.88	79	11337	2.041	ng	# 48
19) n-Nitroso-di-n-propylamine	7.29	70	90901	20.294	ng	# 74
25) Isophorone	7.29	82	641061	49.278	ng	# 63
31) Naphthalene	8.03	128	122229	5.959	ng	# 97
32) Benzoic acid	8.00	122	120	6.707	ng	# 1
37) 2-Methylnaphthalene	8.72	142	34439	2.495	ng	# 95
38) 1-Methylnaphthalene	8.82	142	34905	2.689	ng	# 95
51) 2,6-Dinitrotoluene	9.76	165	28439	7.524	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28439	5.805	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	24031	4.301	ng	# 1

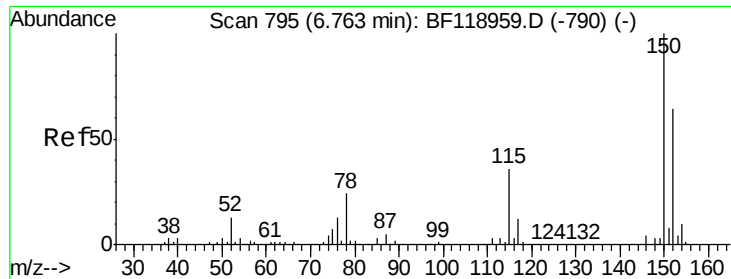
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
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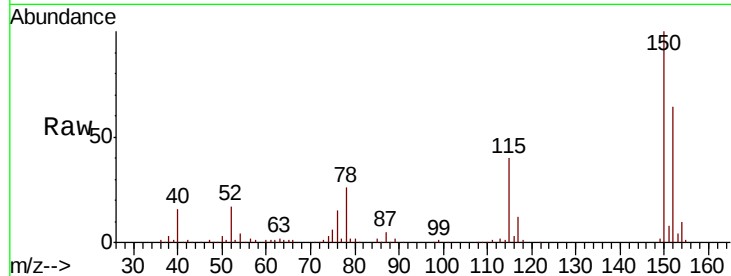


#1

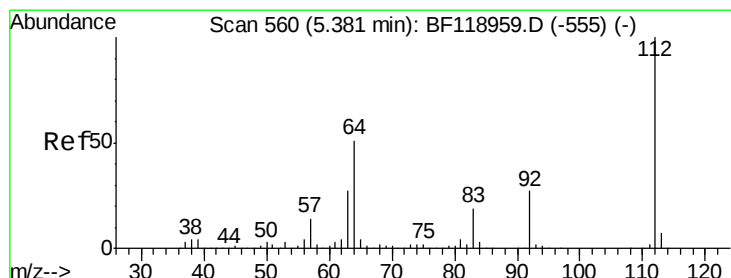
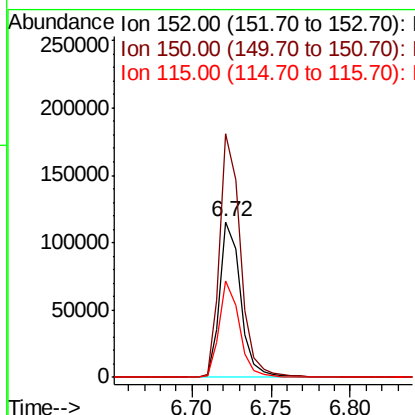
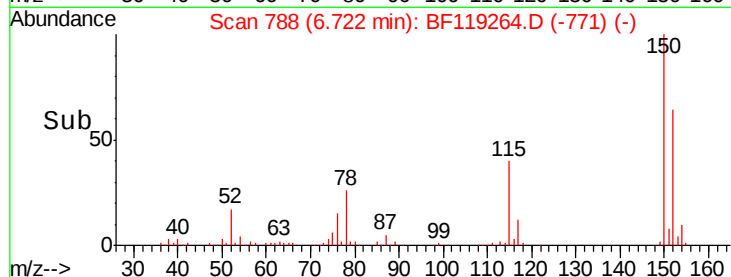
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105630
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 61.9 49.5 74.3



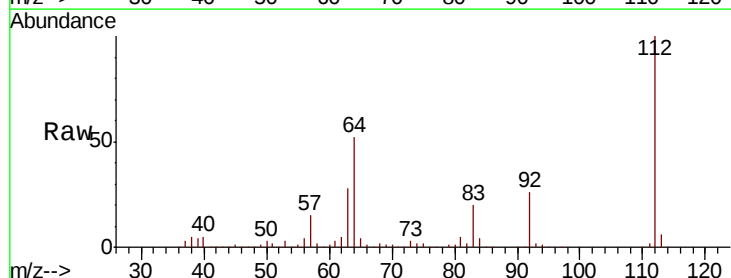
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



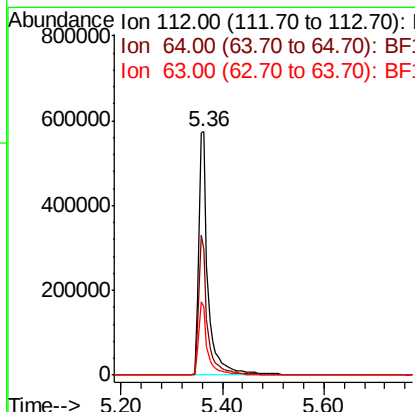
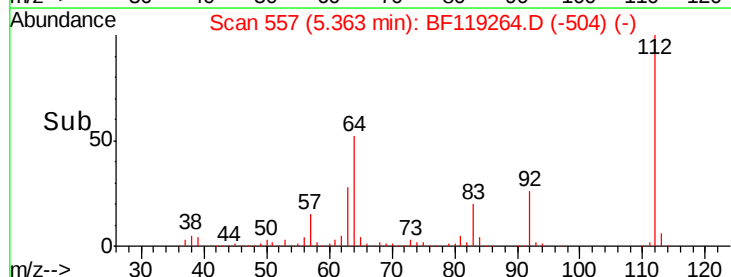
#5

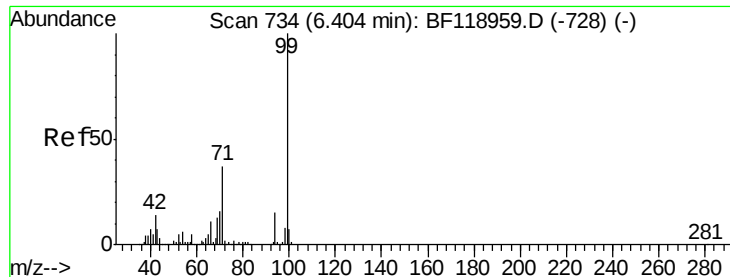
2-Fluorophenol
Concen: 116.728 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion:112 Resp: 737801
Ion Ratio Lower Upper
112 100
64 51.7 45.0 67.4
63 27.9 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: 104.693 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

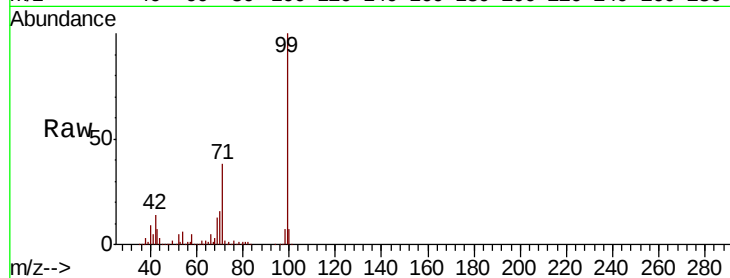
Tot Ion: 99 Resp: 804789

Ion Ratio Lower Upper

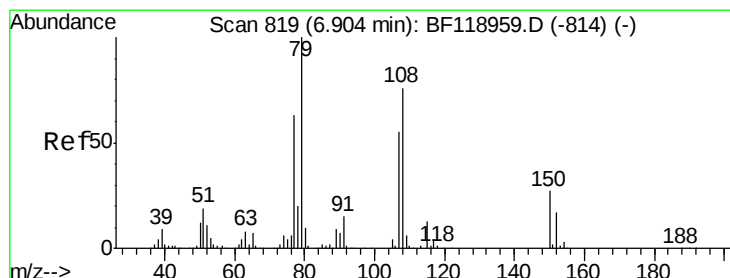
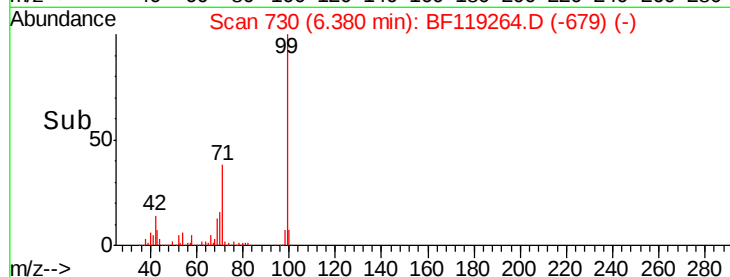
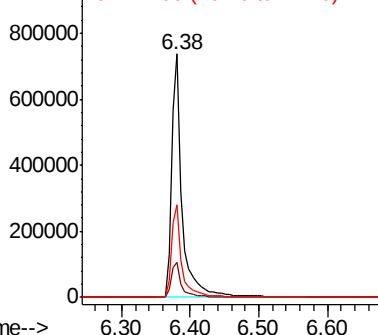
99 100

42 14.4 12.6 18.8

71 38.0 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: 2.041 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

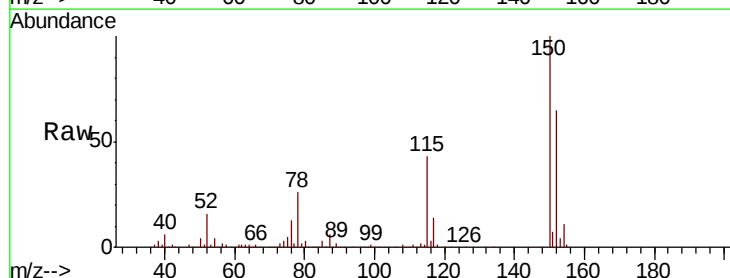
Tgt Ion: 79 Resp: 11337

Ion Ratio Lower Upper

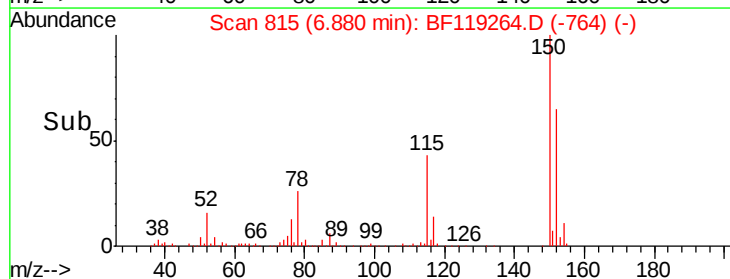
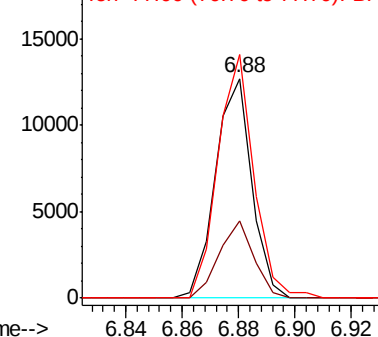
79 100

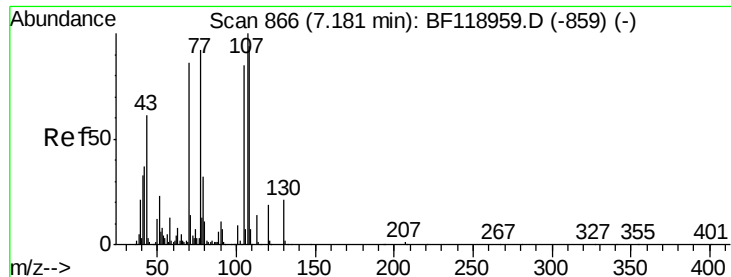
108 35.1 58.2 87.2#

77 110.8 51.2 76.8#



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

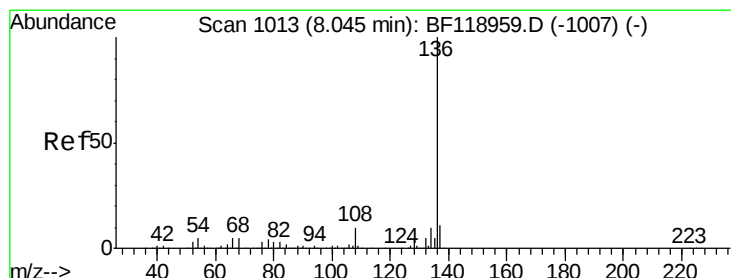
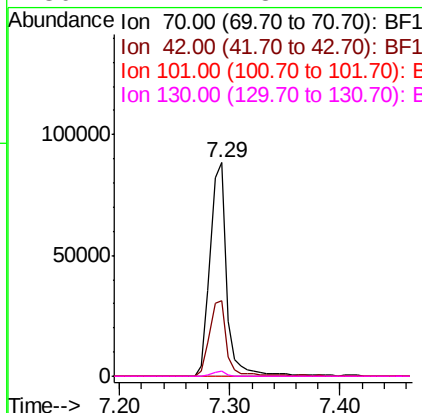
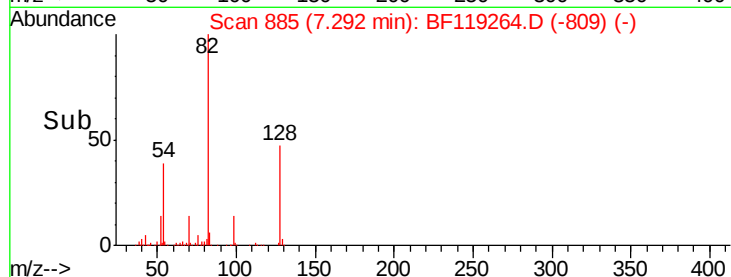
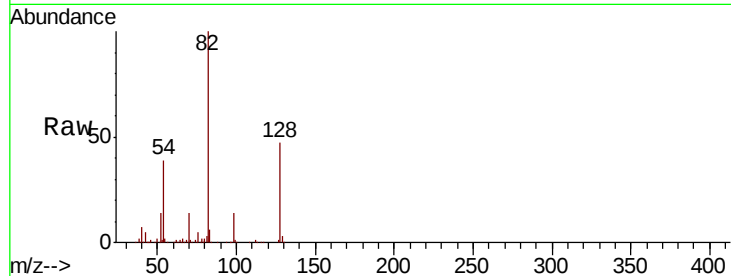




#19
n-Nitroso-di-n-propylamine
Concen: 20.294 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

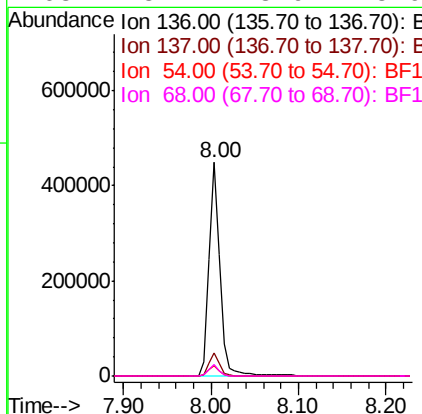
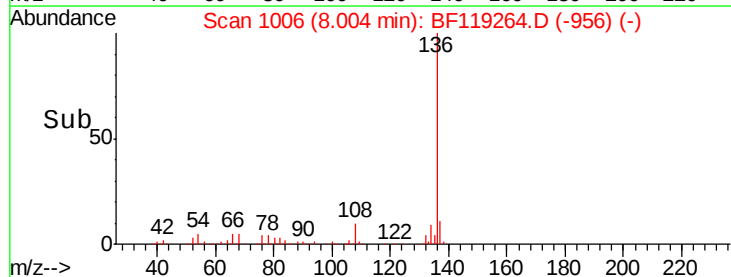
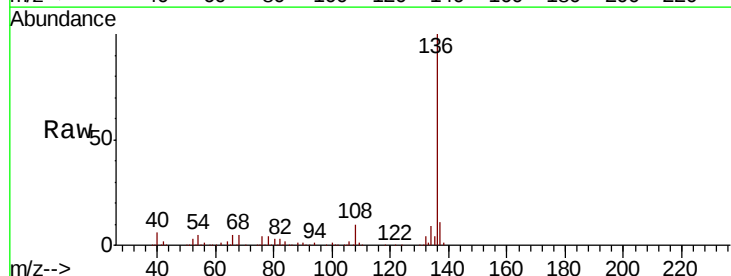
Instrument :
BNA_F
ClientSampleId :

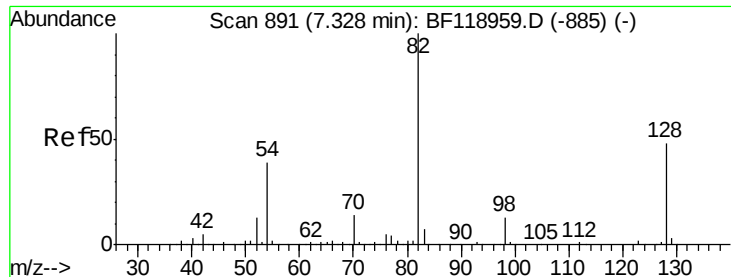
Tot Ion: 70 Resp: 90901
Ion Ratio Lower Upper
70 100
42 35.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion: 136 Resp: 395505
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.0 3.8 5.6
68 5.2 3.9 5.9

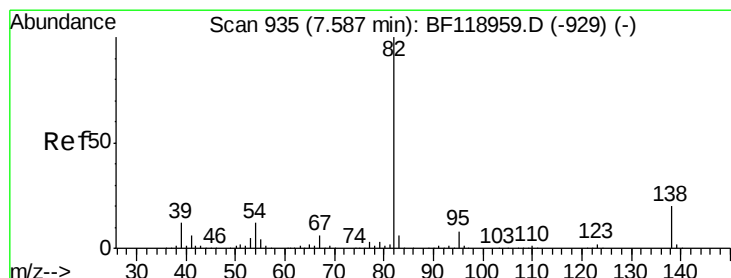
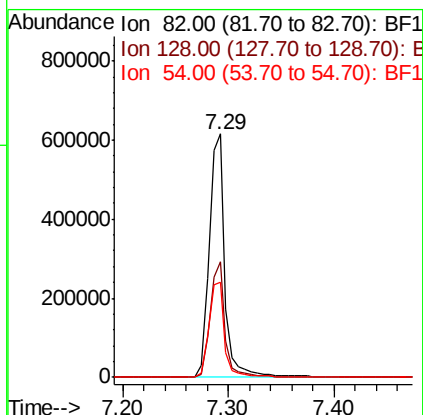
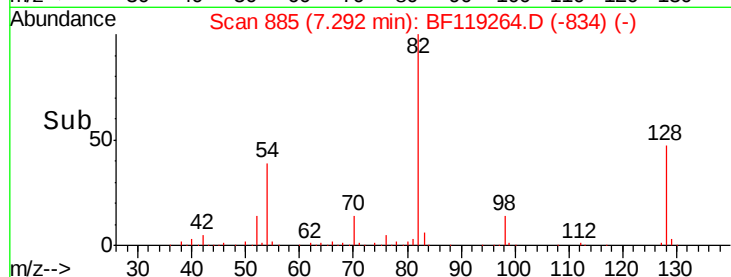
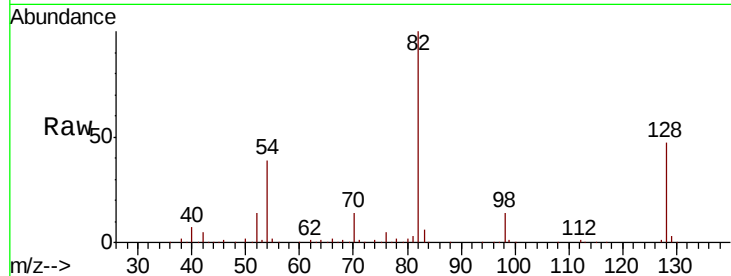




#23
Nitrobenzene-d5
Concen: 85.582 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

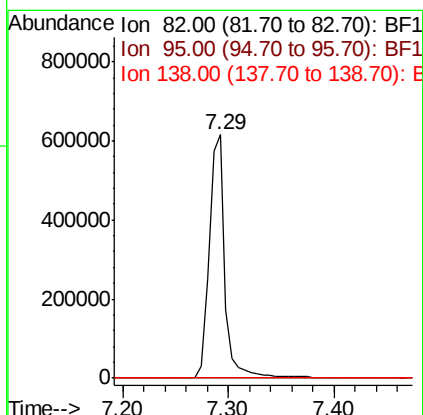
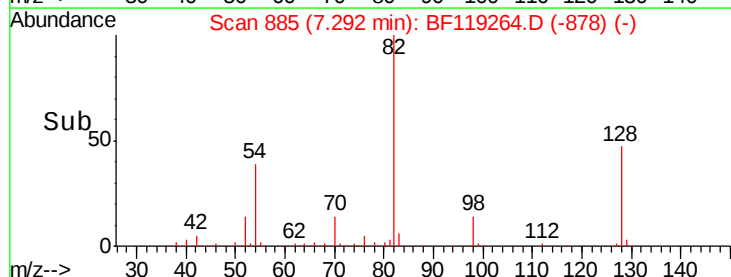
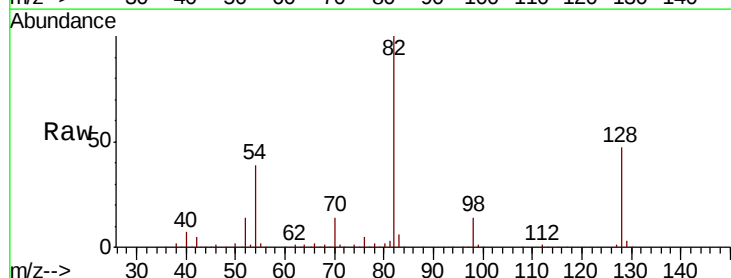
Instrument :
BNA_F
ClientSampleId :

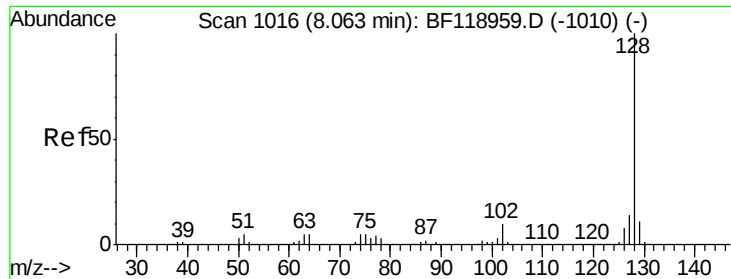
Tot Ion: 82 Resp: 641061
Ion Ratio Lower Upper
82 100
128 47.5 37.9 56.9
54 39.3 33.4 50.2



#25
Isophorone
Concen: 49.278 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion: 82 Resp: 641061
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

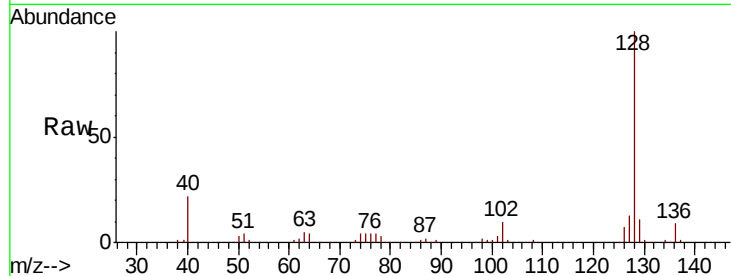




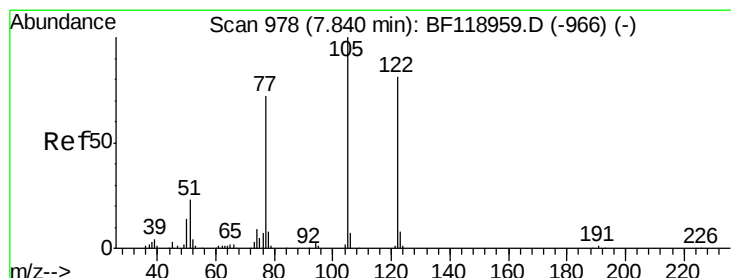
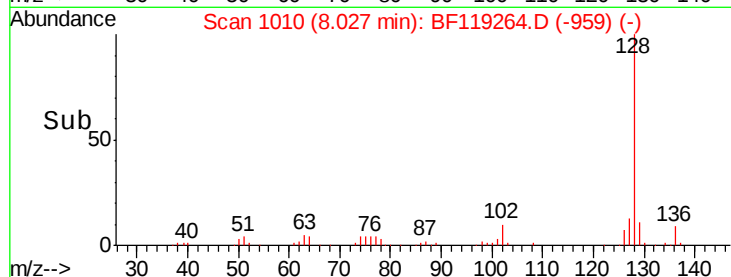
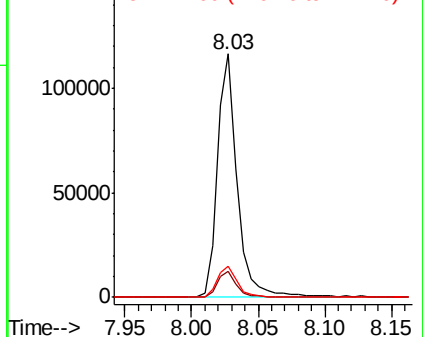
#31
Naphthalene
Concen: 5.959 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 122229
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 12.9 11.4 17.2

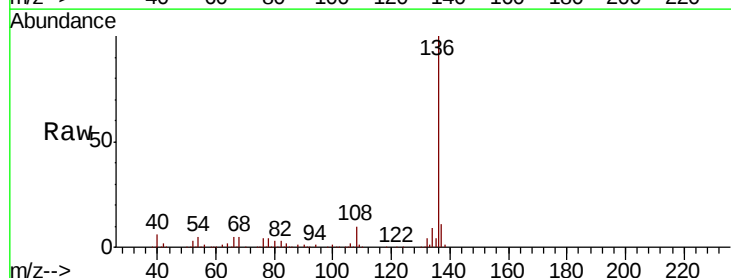


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

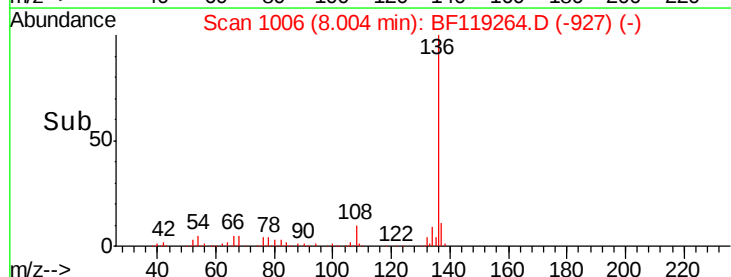
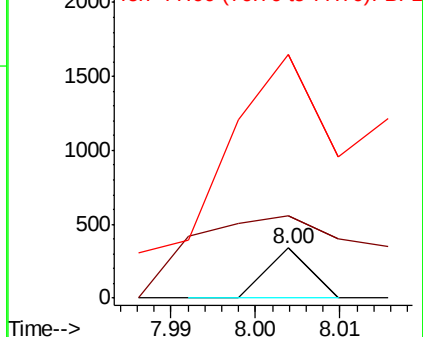


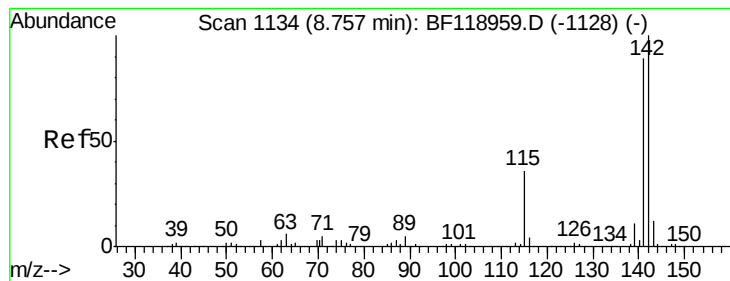
#32
Benzoic acid
Concen: 6.707 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.16 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 163.4 106.3 146.3#
77 486.1 73.1 113.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 2.495 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

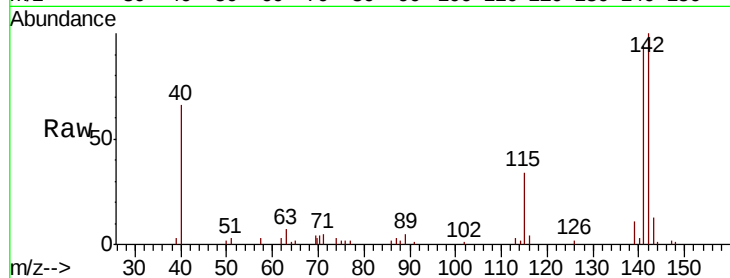
Tot Ion:142 Resp: 34439

Ion Ratio Lower Upper

142 100

141 93.9 72.3 108.5

115 34.3 30.6 45.8

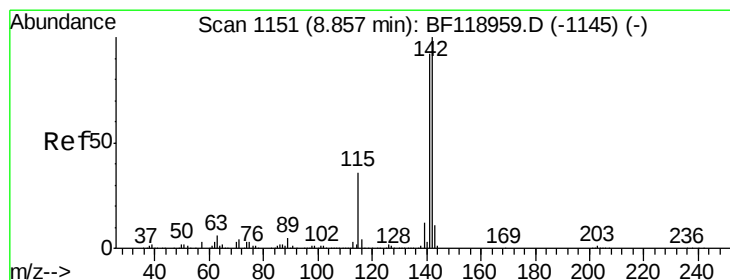
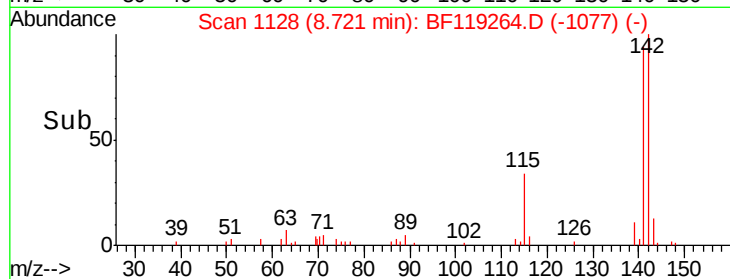
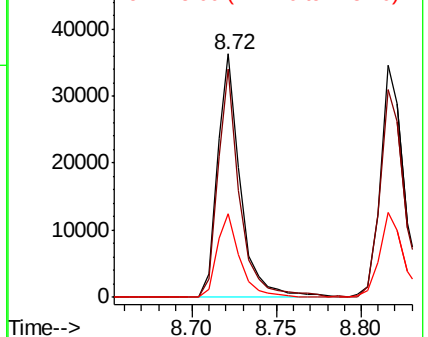


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.689 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

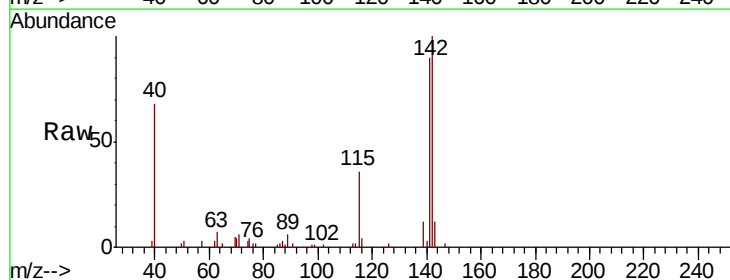
Tgt Ion:142 Resp: 34905

Ion Ratio Lower Upper

142 100

141 89.8 75.8 113.6

116 3.9 3.1 4.7

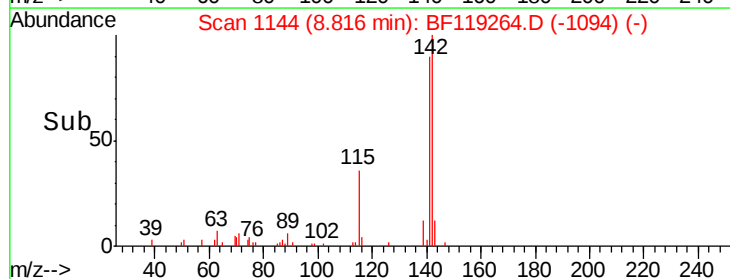
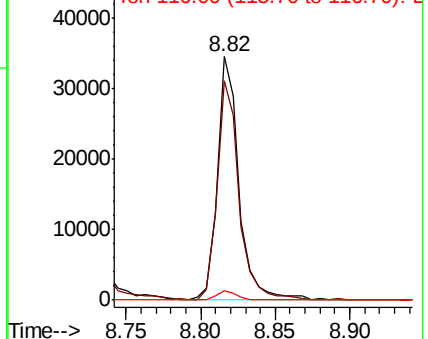


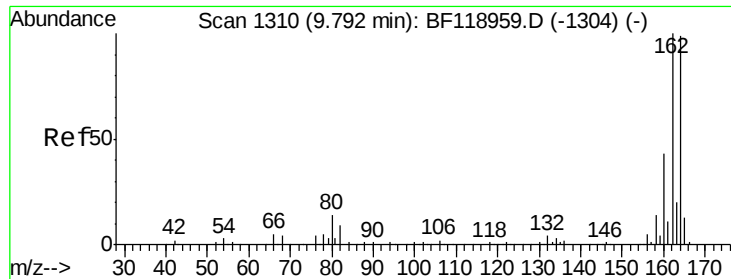
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

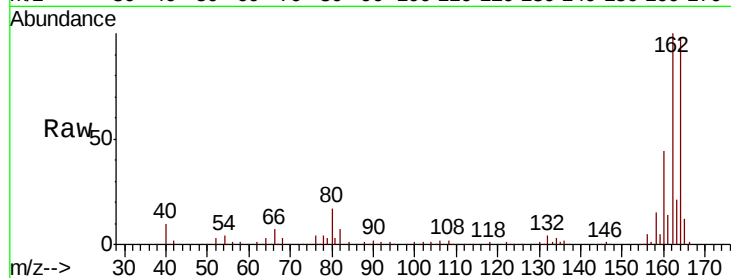
Tot Ion:164 Resp: 222477

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

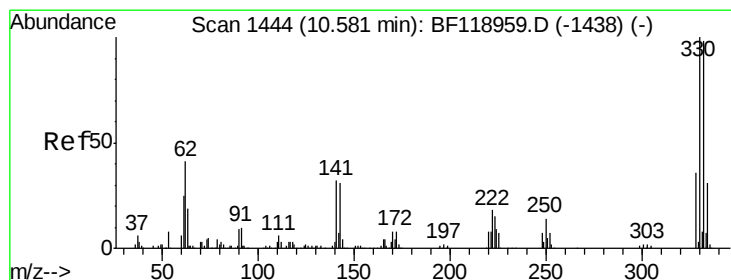
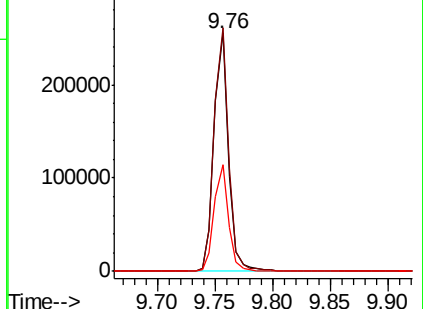
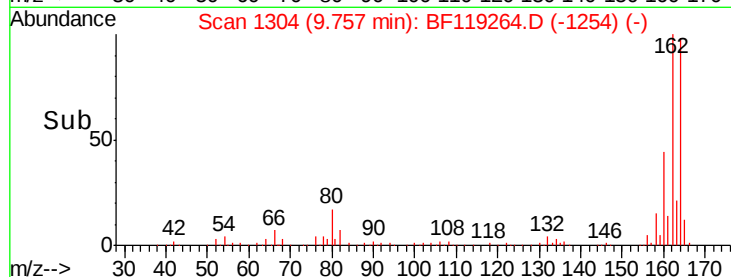
160 44.9 36.0 54.0



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: 128.549 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

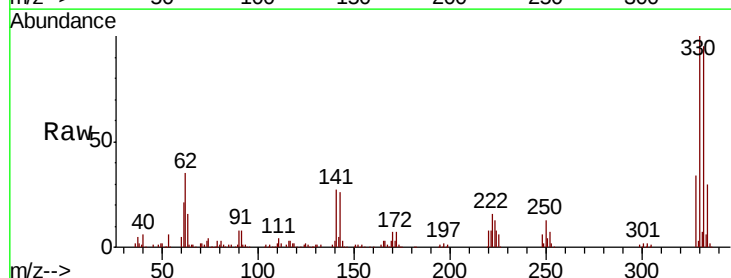
Tgt Ion:330 Resp: 374127

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

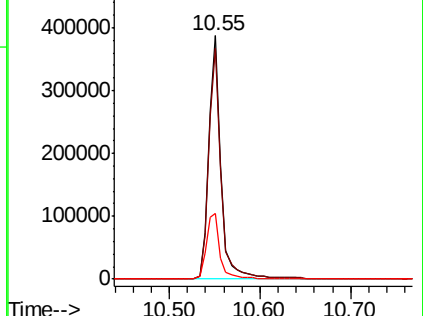
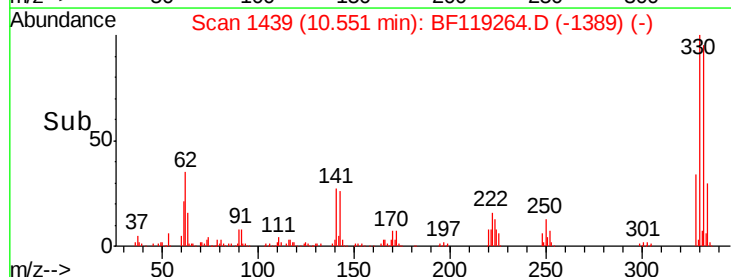
141 30.2 22.9 34.3

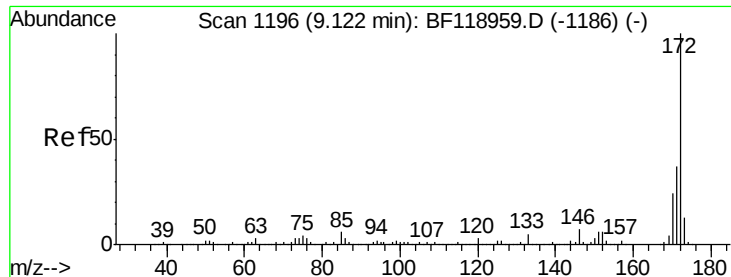


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



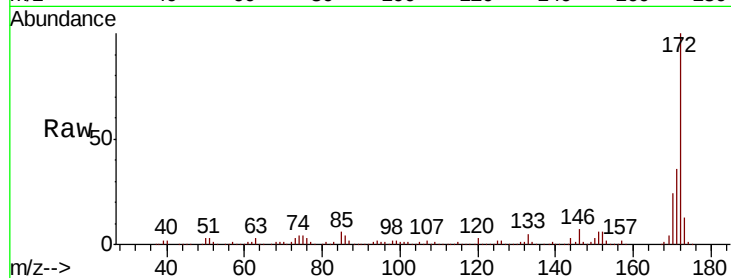


#45
 2-Fluorobiphenyl
 Concen: 85.863 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

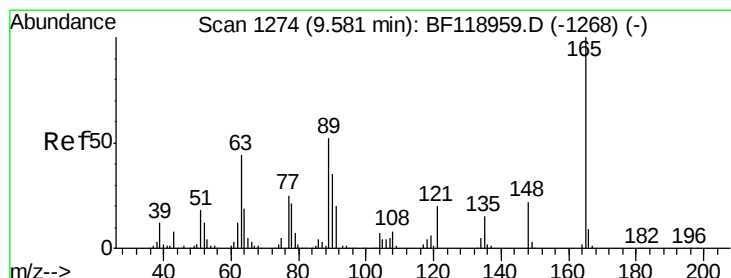
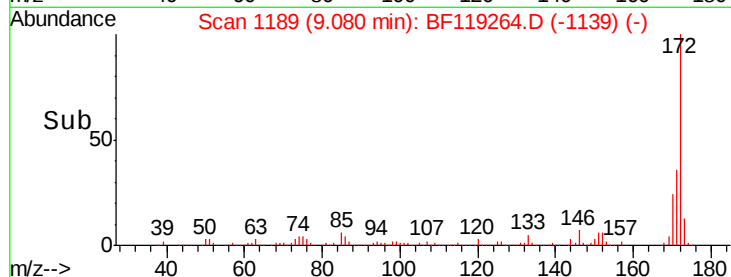
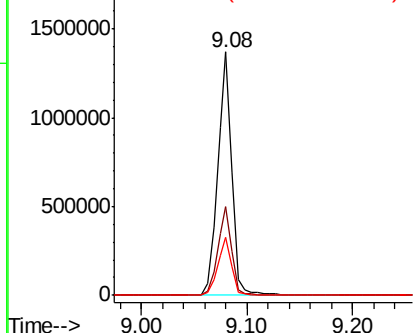
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1296690

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.1	20.2	30.2



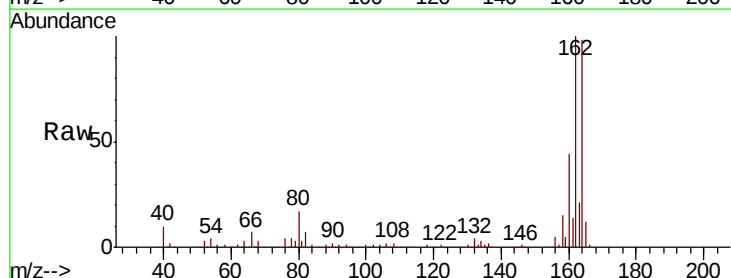
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



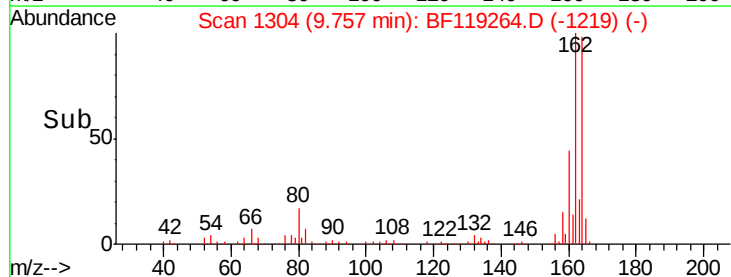
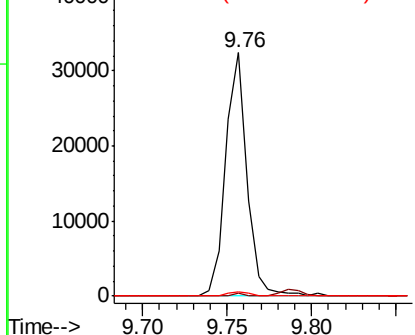
#51
 2,6-Dinitrotoluene
 Concen: 7.524 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

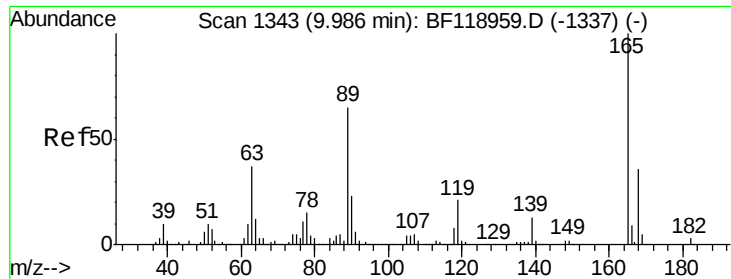
Tgt Ion:165 Resp: 28439

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.7	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

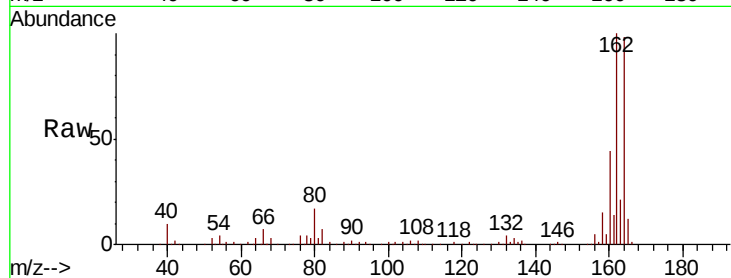




#57
2,4-Dinitrotoluene
Concen: 5.805 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#



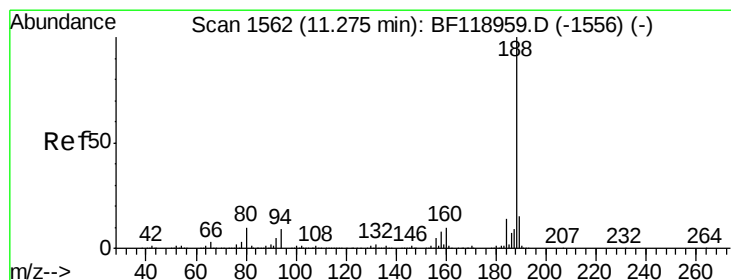
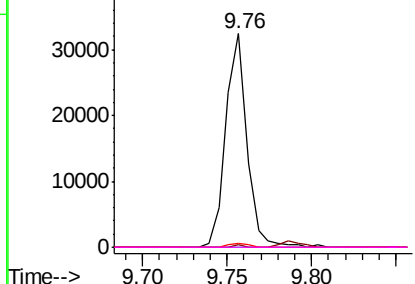
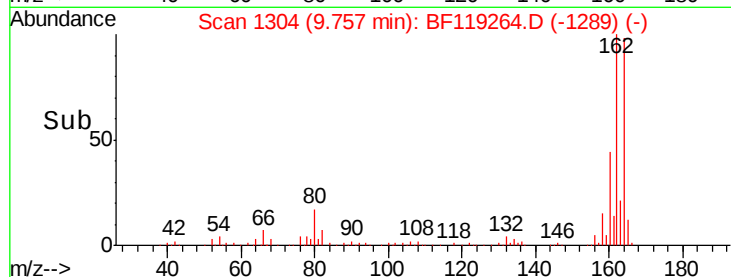
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

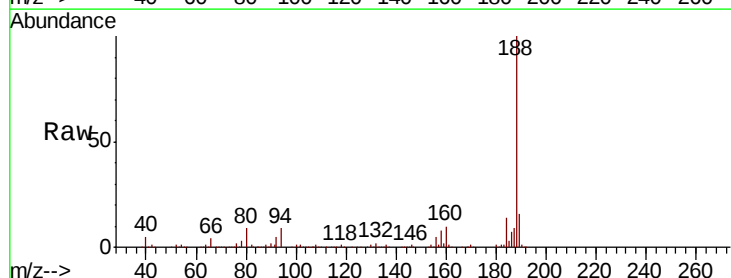
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.4	7.8	11.8

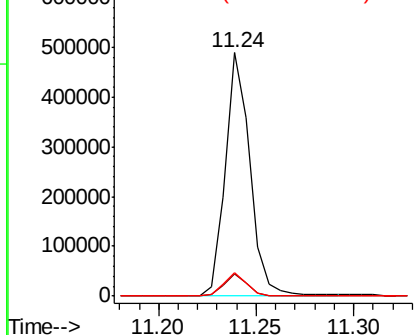
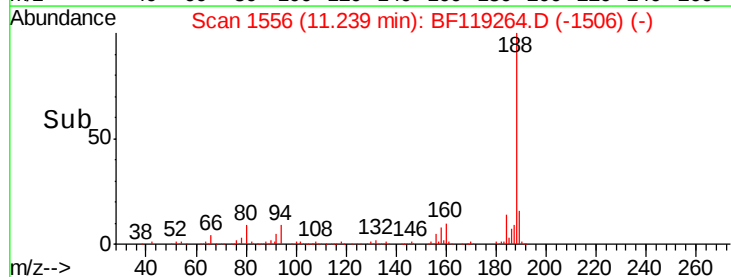


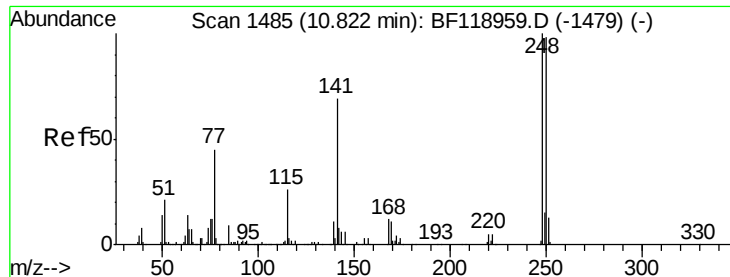
Abundance

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

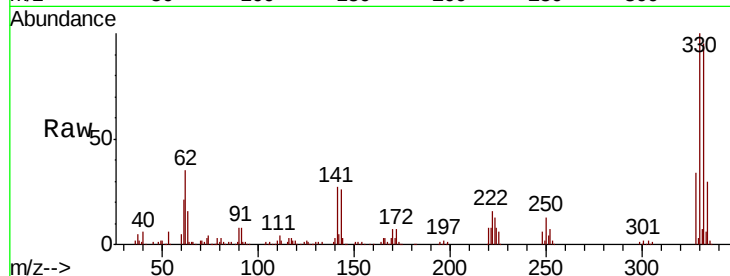




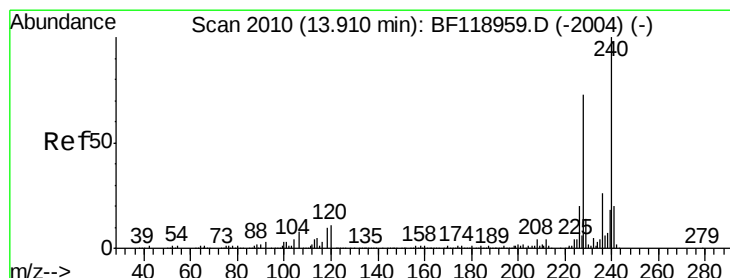
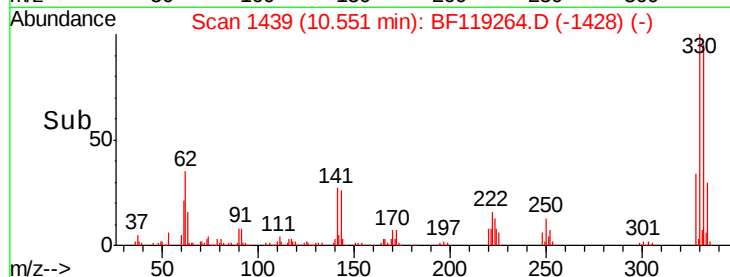
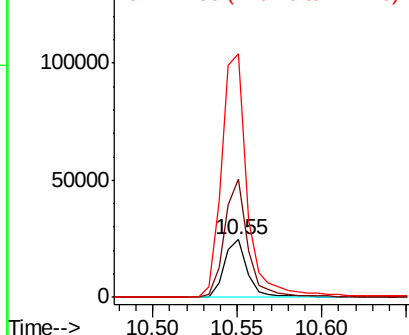
#67
4-Bromophenyl-phenylether
Concen: 4.301 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 24031
Ion Ratio Lower Upper
248 100
250 206.4 76.7 115.1#
141 423.9 60.7 91.1#

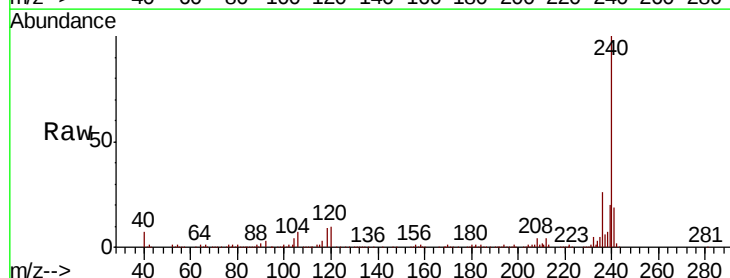


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

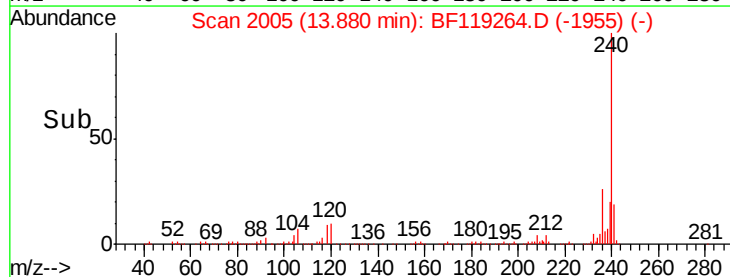
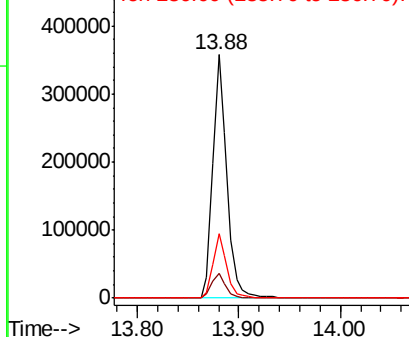


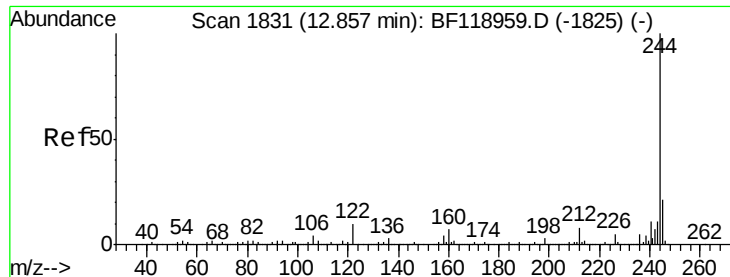
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion:240 Resp: 346202
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.3 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: 88.891 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

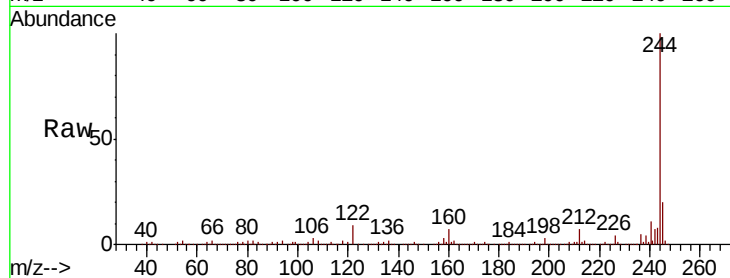
Tot Ion:244 Resp: 1787461

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

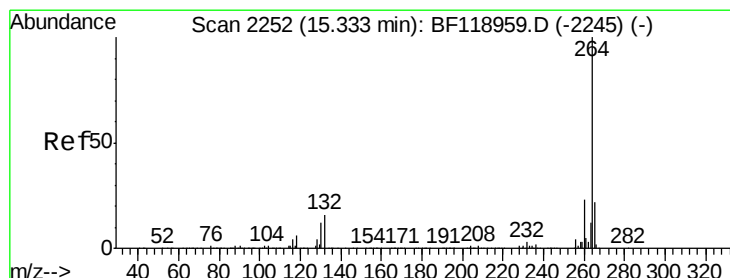
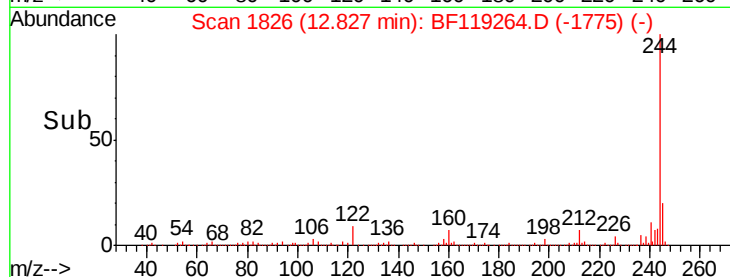
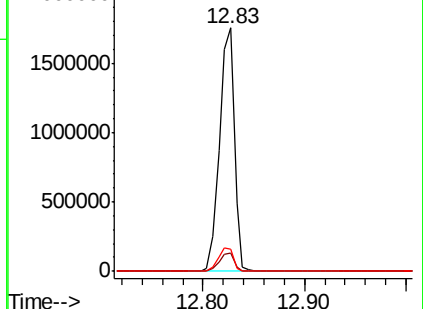
122 9.2 8.2 12.2



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. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

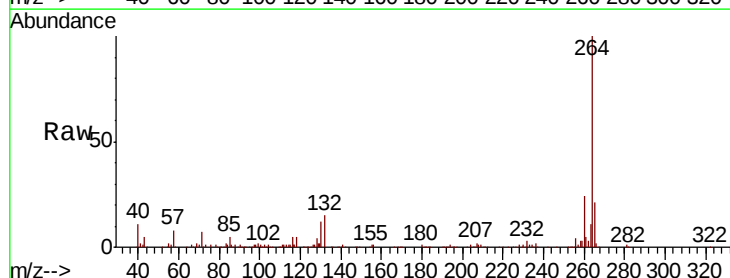
Tgt Ion:264 Resp: 323222

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.0 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

