

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119075.D
 Acq On : 25 Feb 2020 20:16
 Operator : CG/JU
 Sample : L1635-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:28:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

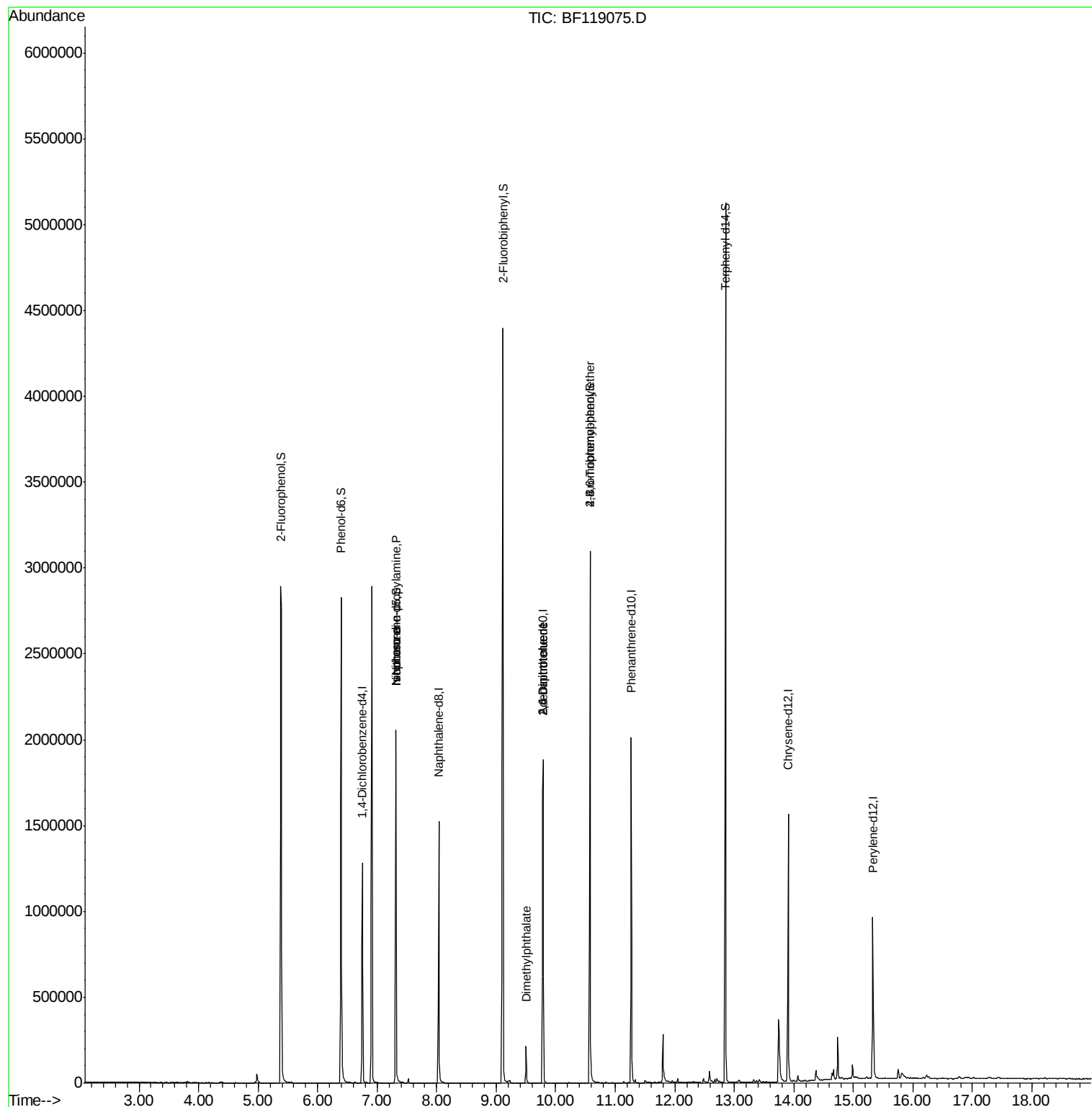
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197817	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	762546	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	421514	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	789368	20.00	ng	0.00
76) Chrysene-d12	13.90	240	572960	20.00	ng	0.00
87) Perylene-d12	15.33	264	448192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	946902	80.00	ng	0.00
7) Phenol-d6	6.40	99	1161031	80.65	ng	0.00
23) Nitrobenzene-d5	7.32	82	766505	53.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	425596	77.18	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1519955	53.12	ng	-0.01
79) Terphenyl-d14	12.85	244	1802302	54.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	106020	12.639	ng	# 75
25) Isophorone	7.32	82	766501	30.560	ng	# 63
50) Dimethylphthalate	9.50	163	107552	3.337	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	55201	7.708	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	55201	5.947	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	27836	2.698	ng	# 1

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

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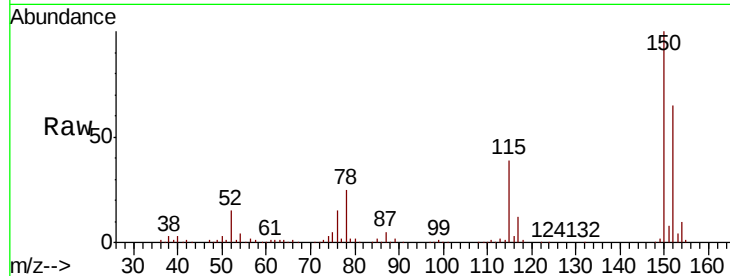


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	59.5	44.6	67.0

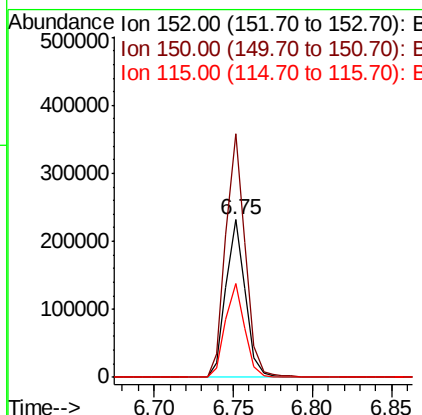
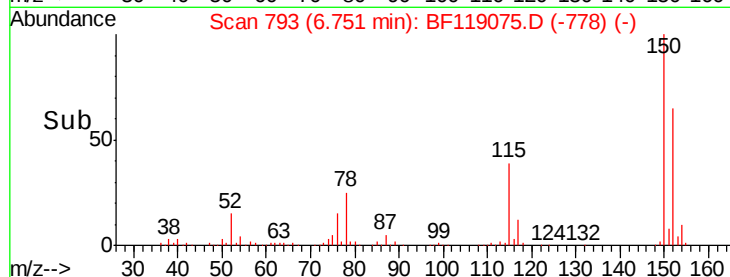


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

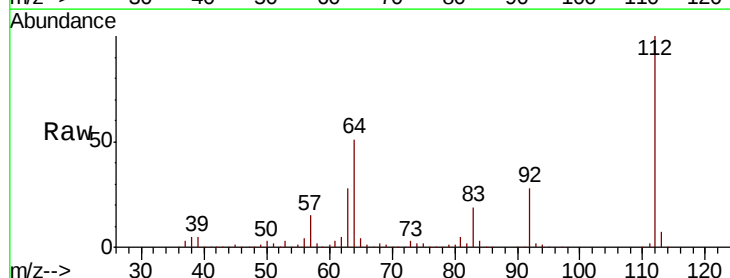
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.995 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	40.4	60.6
63	27.7	21.3	31.9

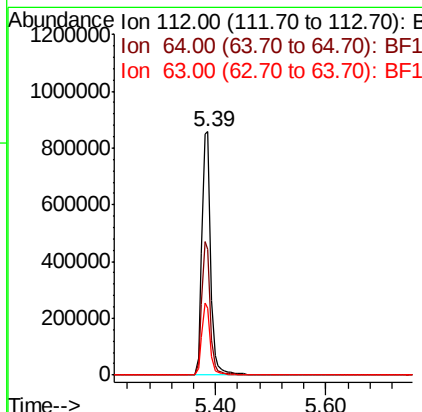
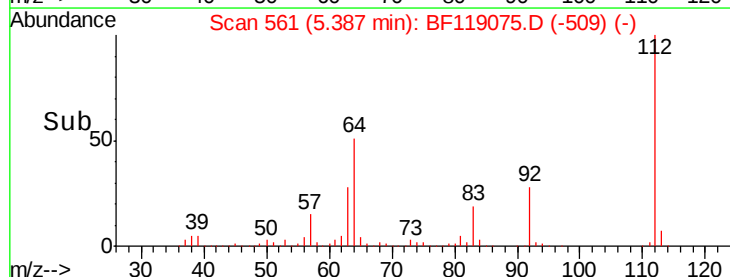


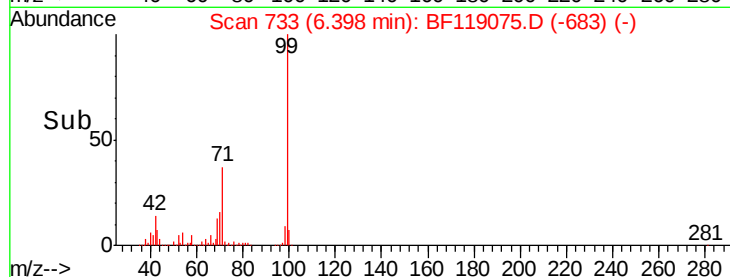
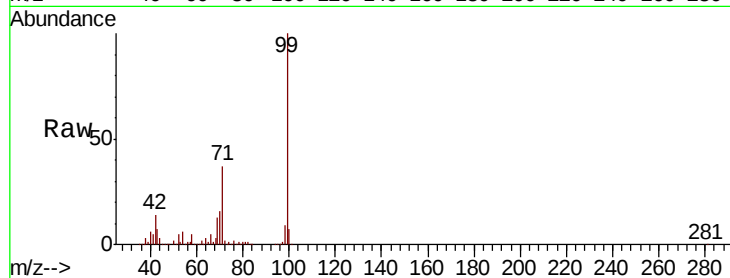
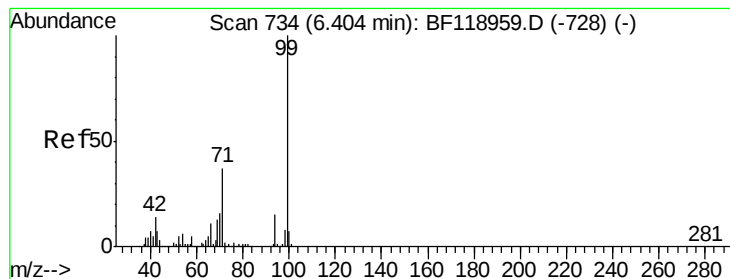
Abundance

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: 80.650 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampled :

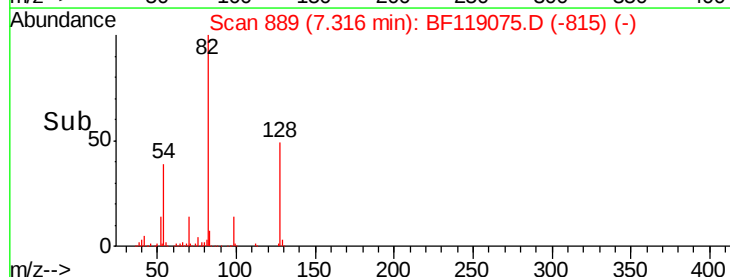
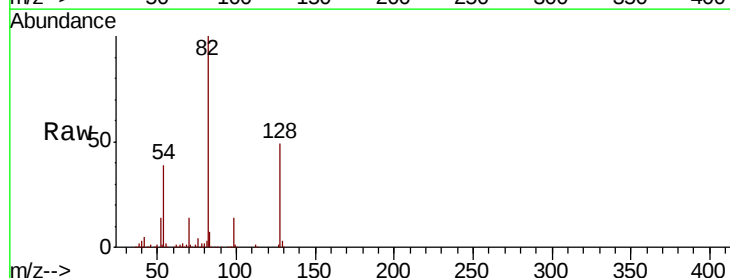
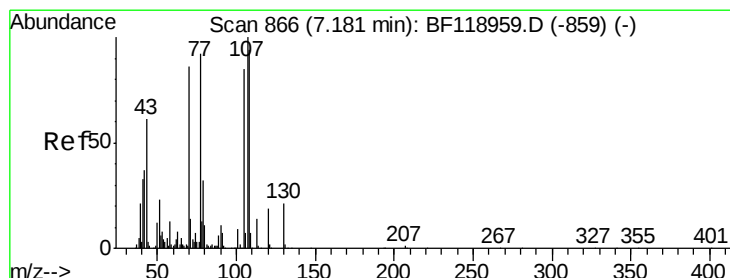
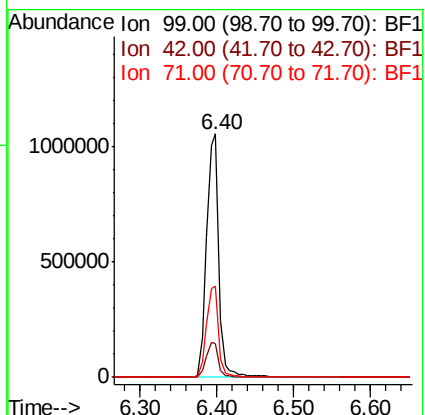
Tot Ion: 99 Resp: 1161031

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

71 37.5 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.639 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Tgt Ion: 70 Resp: 106020

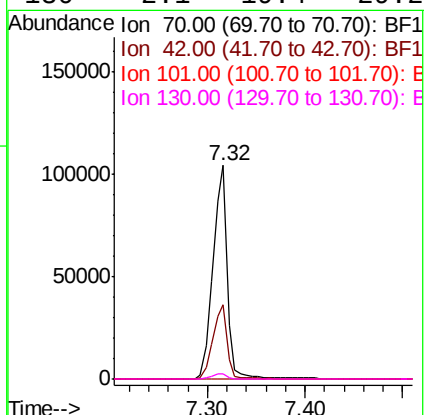
Ion Ratio Lower Upper

70 100

42 34.9 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

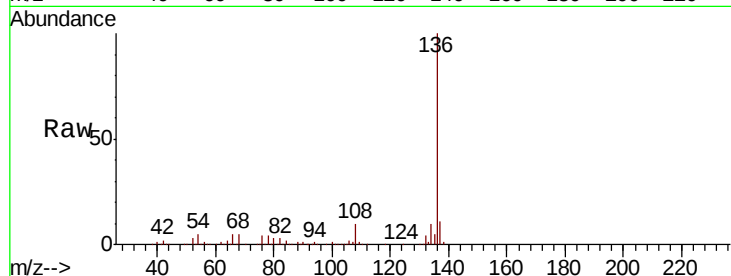




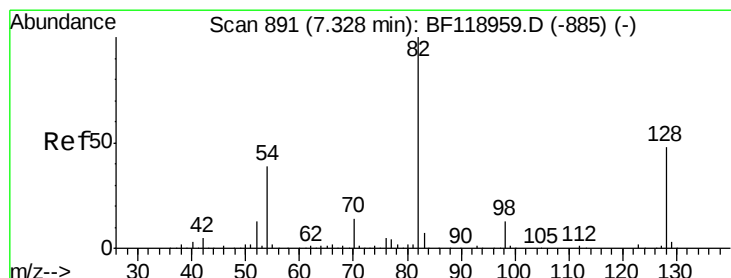
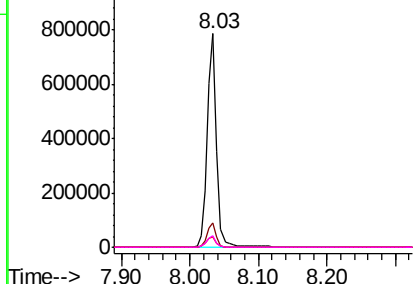
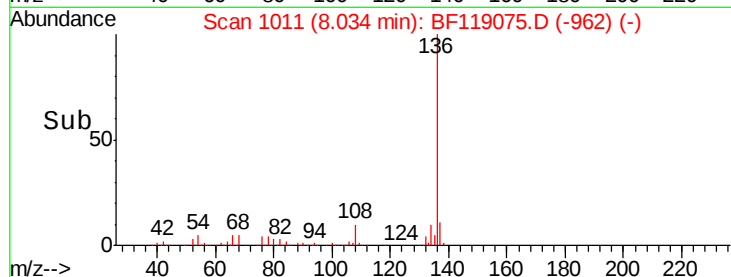
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	762546
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	4.7	3.8 5.6
68	5.2	4.2 6.2

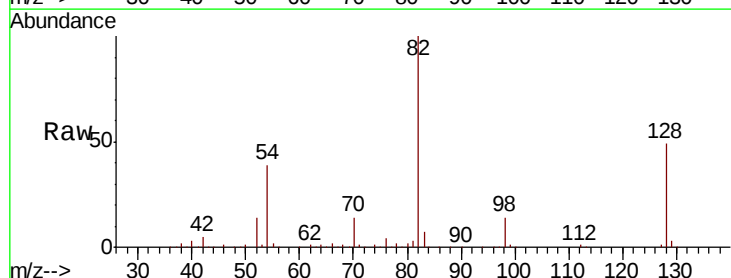


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

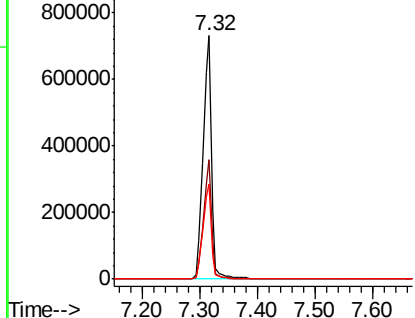
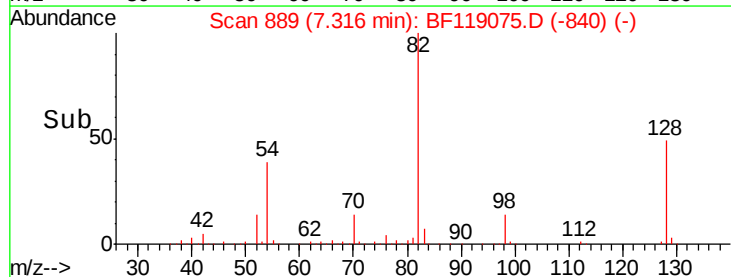


#23
Nitrobenzene-d5
Concen: 53.074 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Tgt Ion: 82	Resp:	766505
Ion	Ratio	Lower Upper
82	100	
128	49.0	38.2 57.2
54	39.1	31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





#25

Isophorone

Concen: 30.560 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampled :

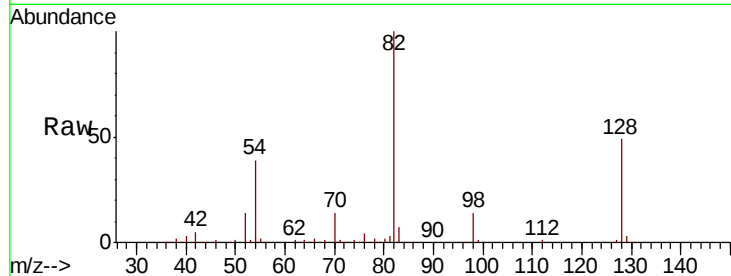
Tot Ion: 82 Resp: 766501

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

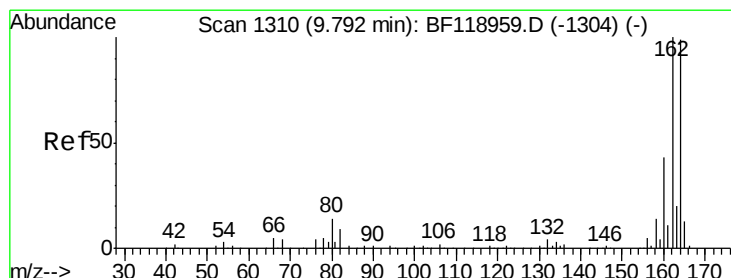
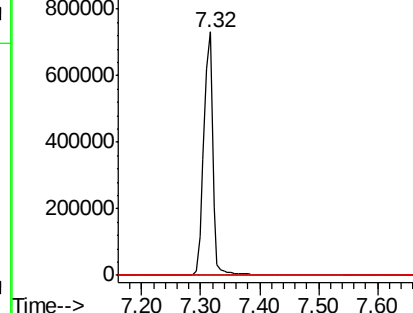
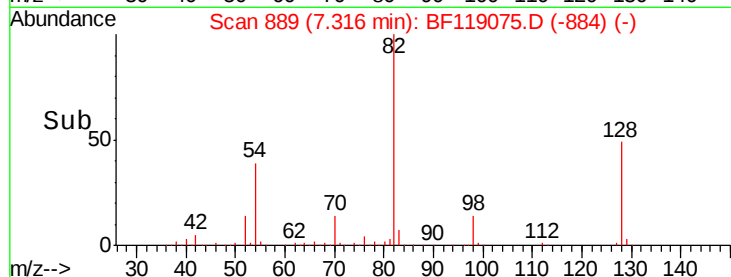
138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

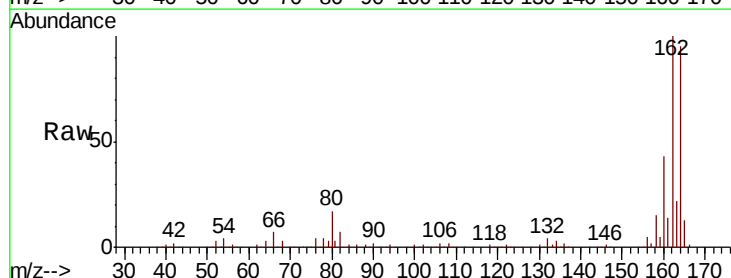
Tgt Ion: 164 Resp: 421514

Ion Ratio Lower Upper

164 100

162 104.9 81.2 121.8

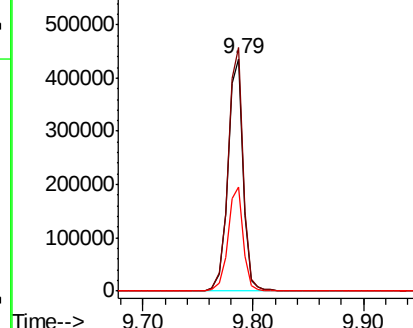
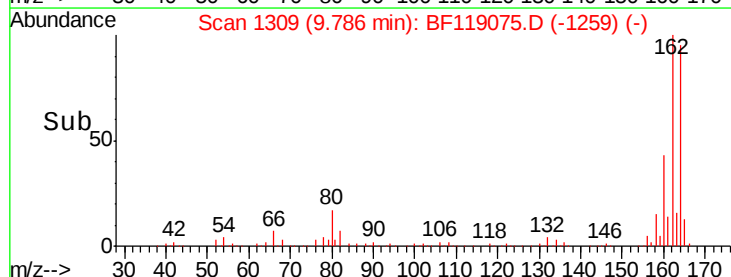
160 44.9 35.2 52.8

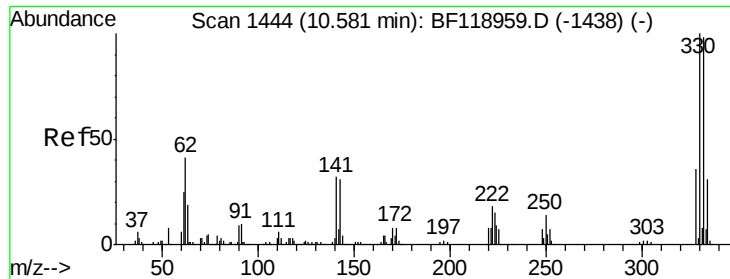


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

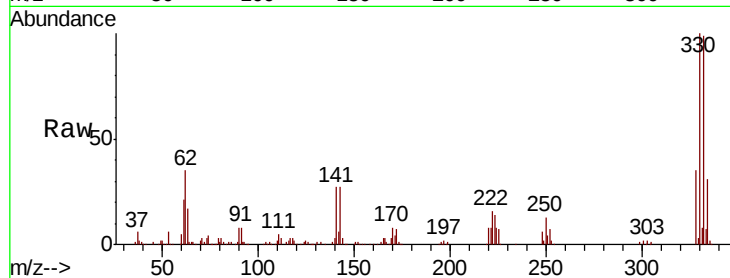




#42
 2,4,6-Tribromophenol
 Concen: 77.183 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	29.1	23.0	34.6

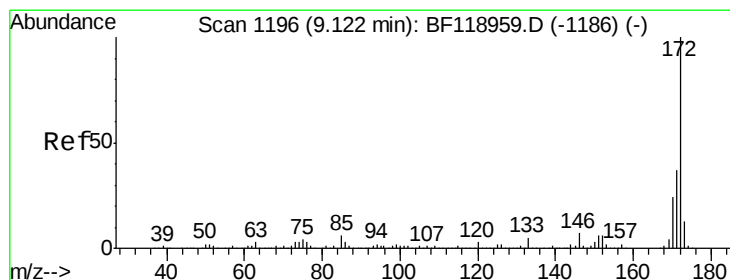
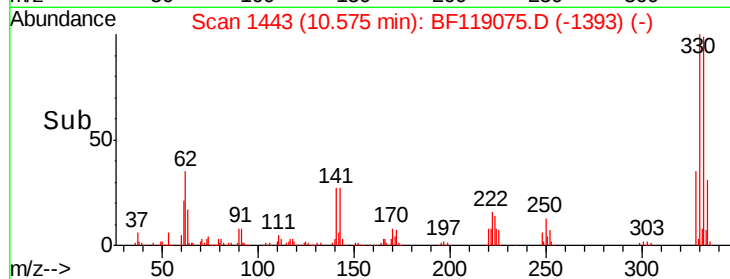
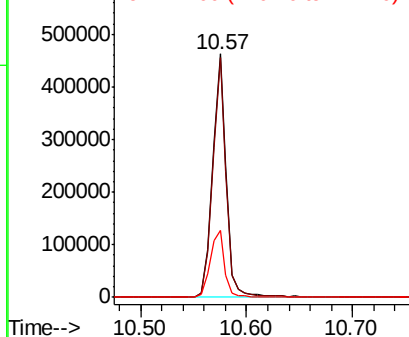


Abundance

Ion 329.80 (329.50 to 330.50): E

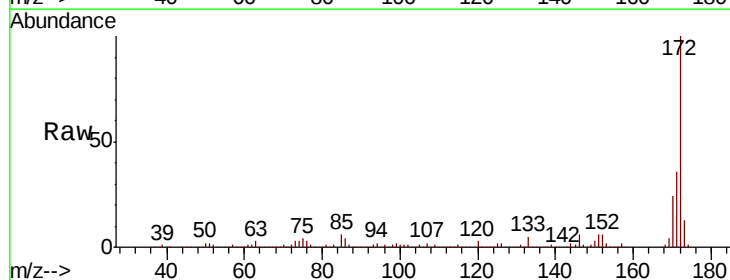
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.122 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.3	19.6	29.4

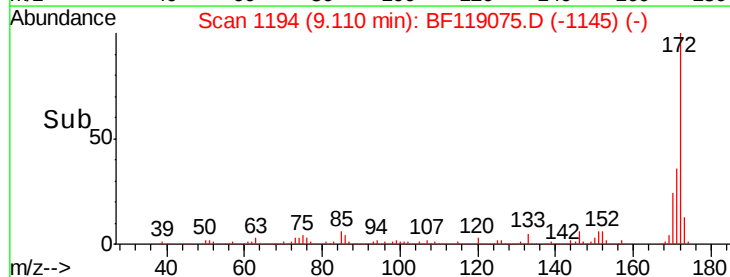
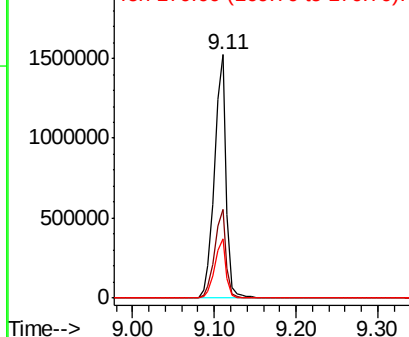


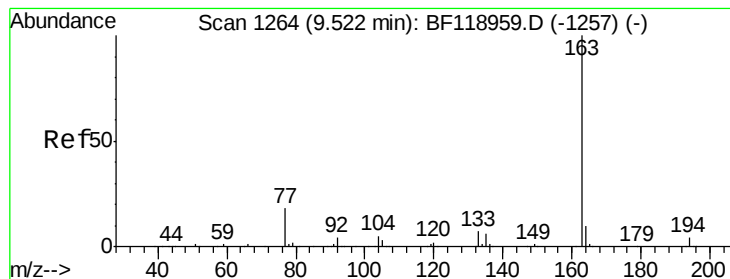
Abundance

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: 3.337 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampled :

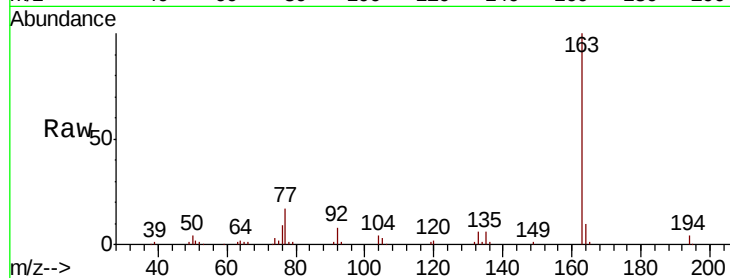
Tot Ion:163 Resp: 107552

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

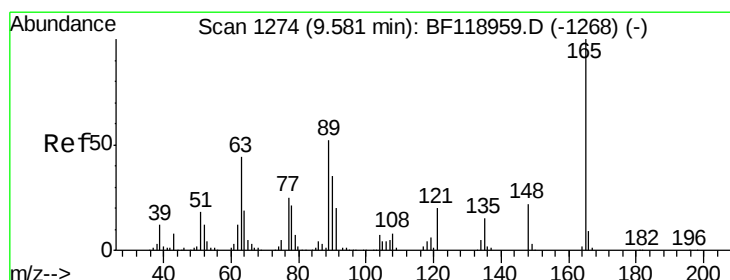
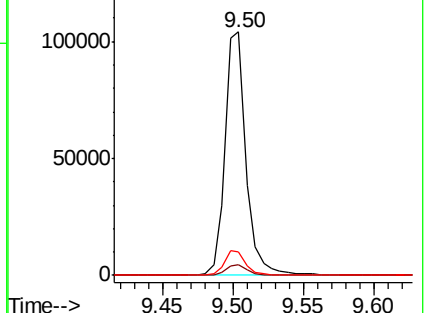
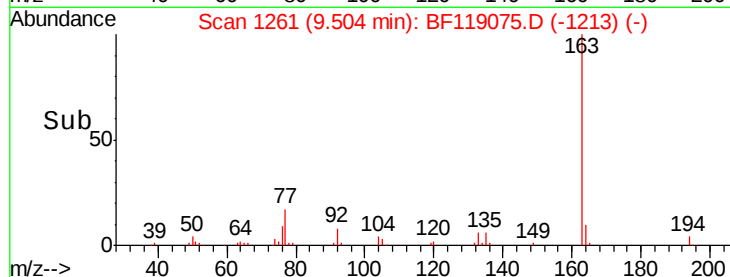
164 9.7 8.2 12.2



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: 7.708 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

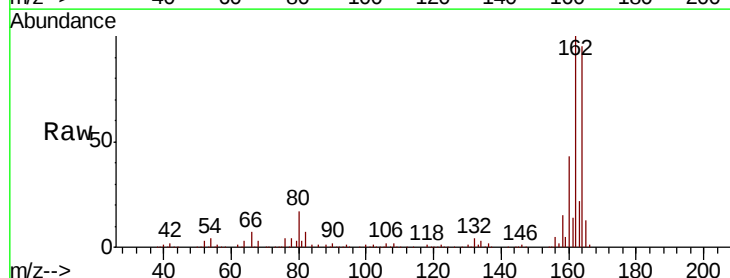
Tgt Ion:165 Resp: 55201

Ion Ratio Lower Upper

165 100

63 1.3 37.9 56.9#

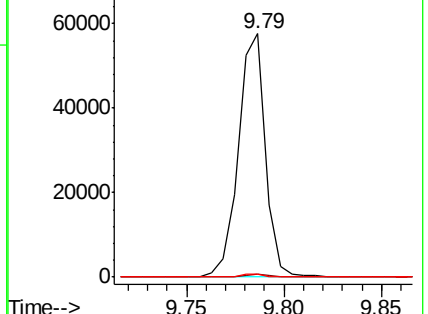
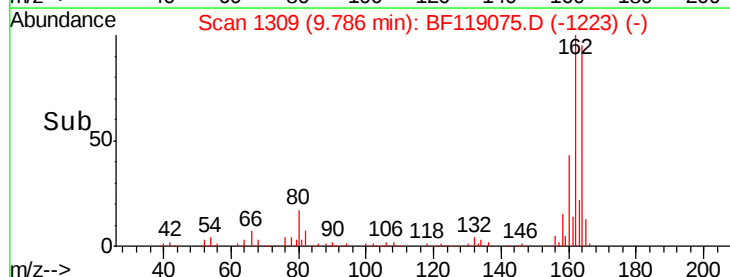
89 1.1 41.4 62.0#



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

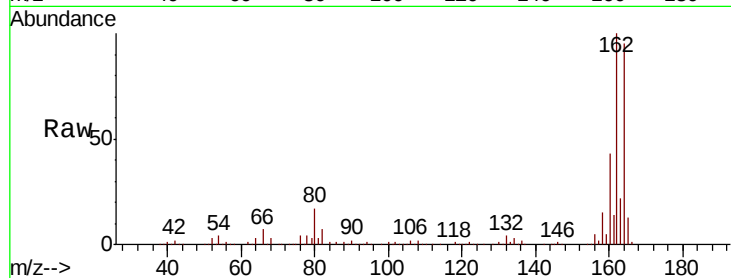




#57
 2,4-Dinitrotoluene
 Concen: 5.947 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.8#
89	1.1	51.9	77.9#
182	0.0	2.3	3.5#

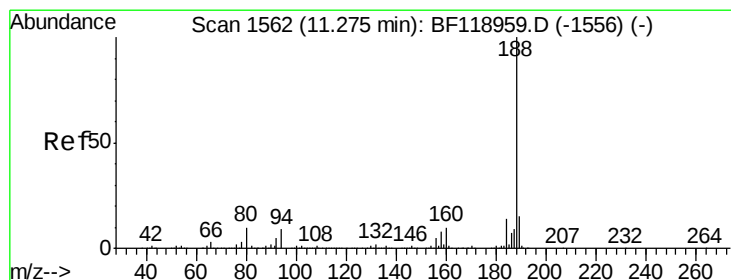
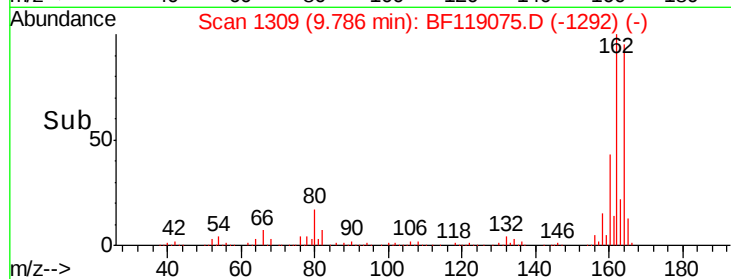
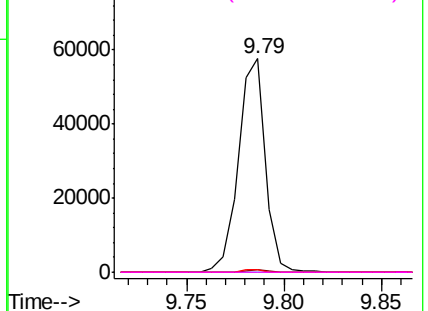


Abundance Ion 165.00 (164.70 to 165.70): E

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



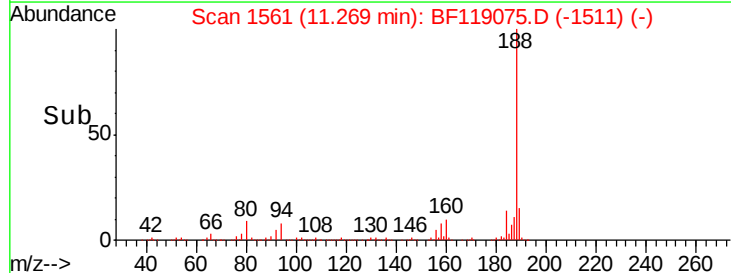
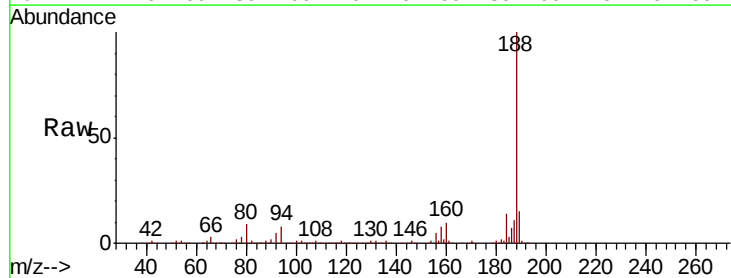
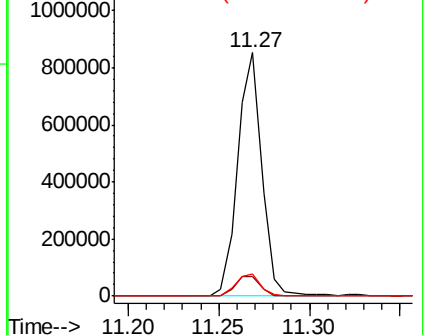
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

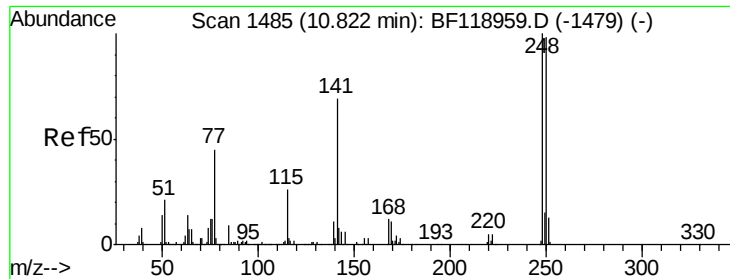
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	9.1	7.9	11.9

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

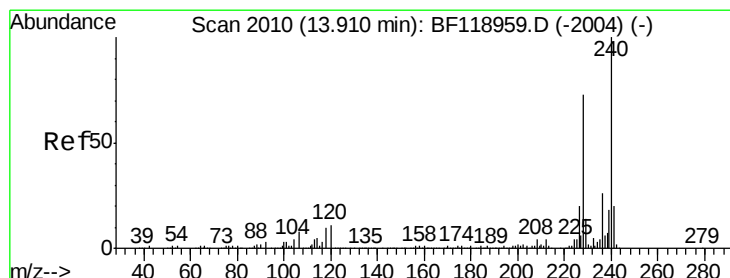
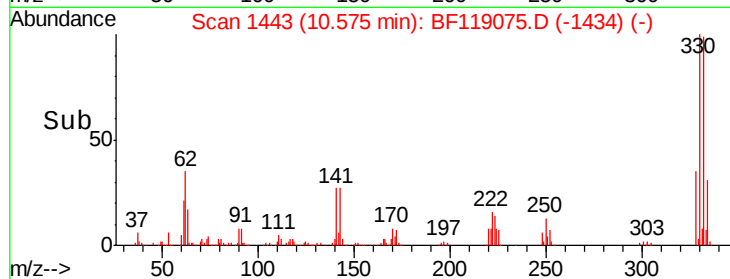
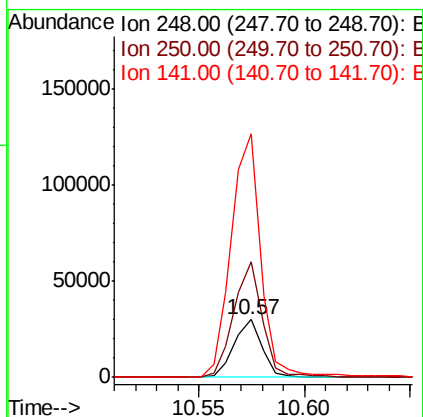
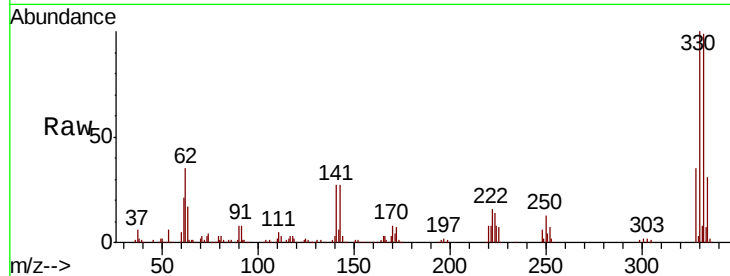




#67
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

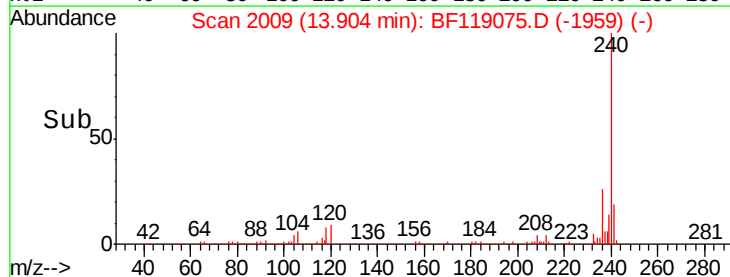
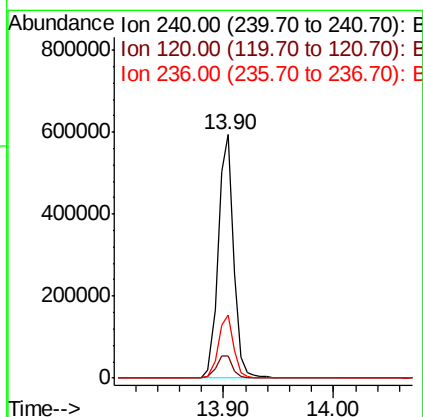
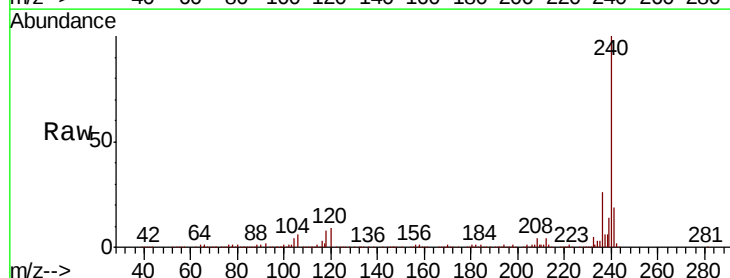
Instrument :
BNA_F
ClientSampleId :

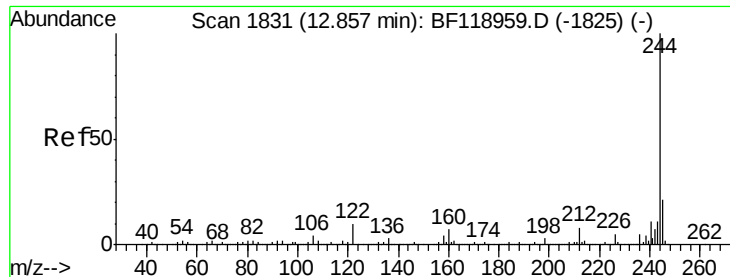
Tot Ion:248 Resp: 27836
Ion Ratio Lower Upper
248 100
250 201.3 78.8 118.2#
141 422.8 55.3 82.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Tgt Ion:240 Resp: 572960
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 26.2 20.6 30.8





#79

Terphenyl-d14

Concen: 54.157 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampled :

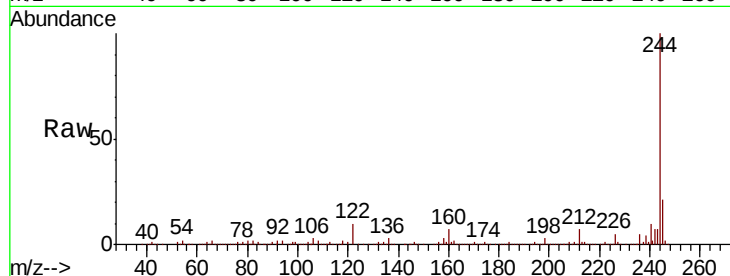
Tot Ion:244 Resp: 1802302

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

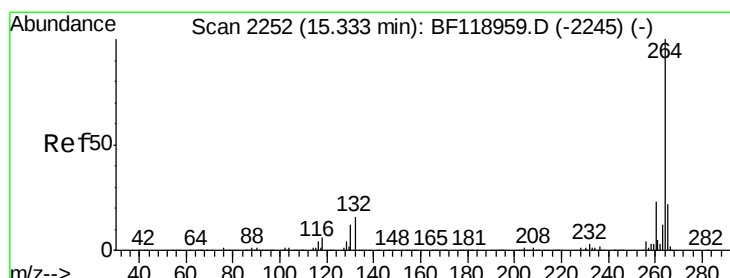
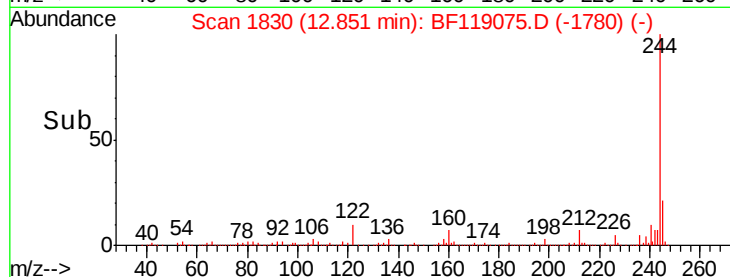
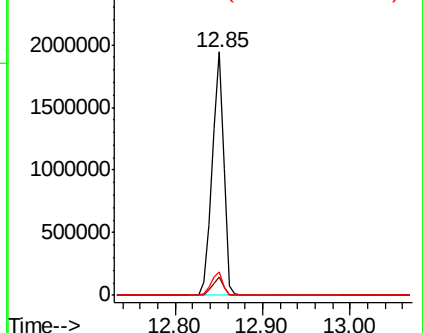
122 9.7 8.4 12.6



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

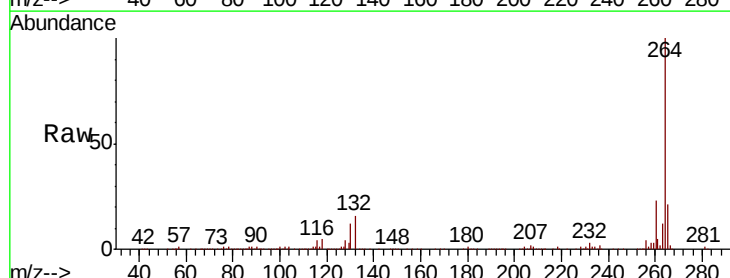
Tgt Ion:264 Resp: 448192

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.4 17.3 25.9



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

