

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119034.D
 Acq On : 24 Feb 2020 21:30
 Operator : CG/JU
 Sample : L1635-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:27:01 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

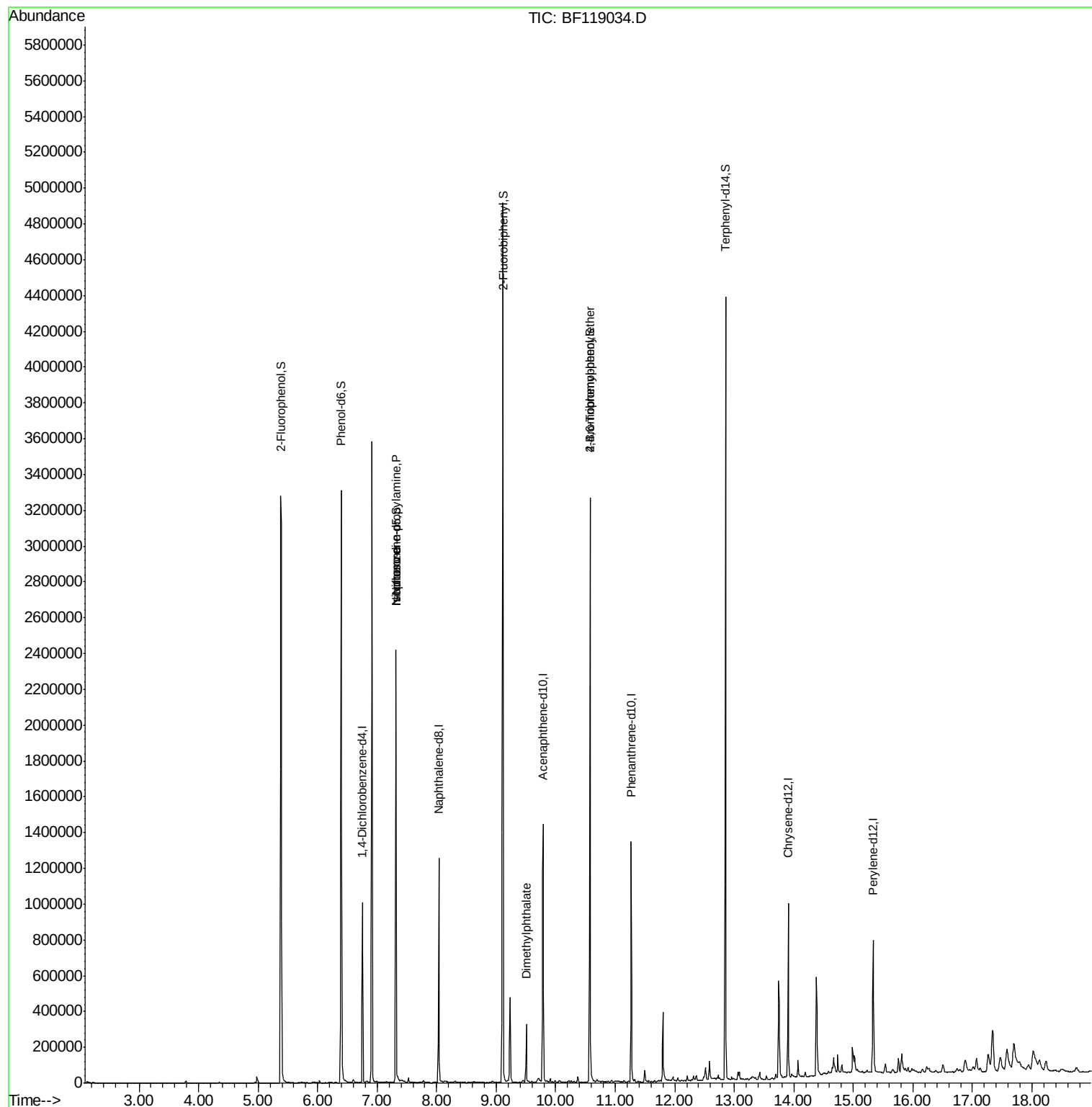
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	152487	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	572415	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	297795	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	510430	20.00	ng	0.00
76) Chrysene-d12	13.90	240	321660	20.00	ng	0.00
87) Perylene-d12	15.33	264	347202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1066165	116.85	ng	0.00
7) Phenol-d6	6.40	99	1259489	113.50	ng	0.00
23) Nitrobenzene-d5	7.32	82	847201	78.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	423945	108.82	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1584430	78.38	ng	-0.01
79) Terphenyl-d14	12.85	244	1556841	83.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	115828	17.913	ng	# 78
25) Isophorone	7.32	82	847266	45.000	ng	# 63
50) Dimethylphthalate	9.50	163	144043	6.326	ng	99
67) 4-Bromophenyl-phenylether	10.57	248	27577	4.133	ng	# 1

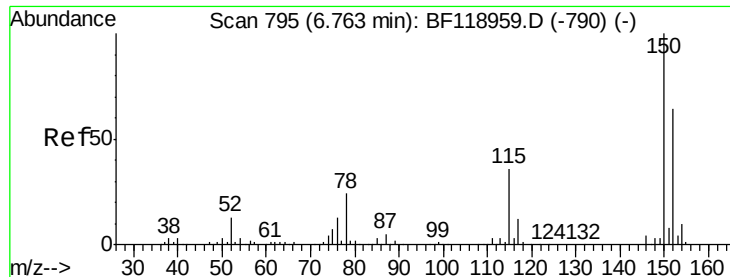
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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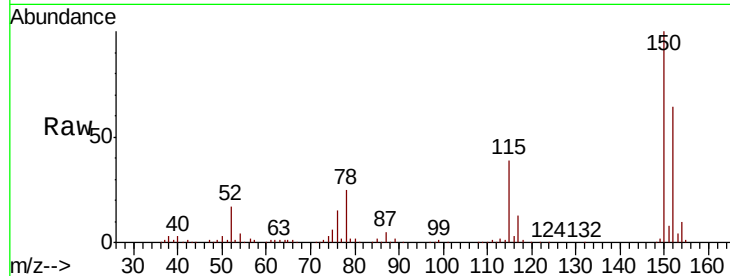


#1

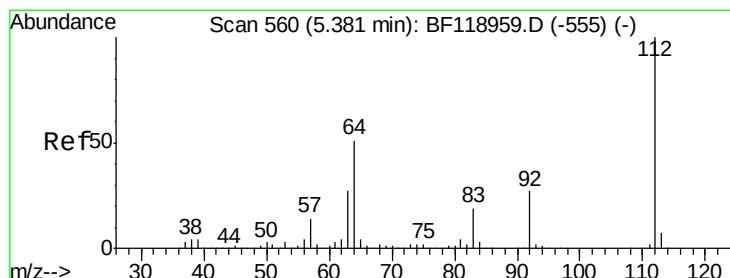
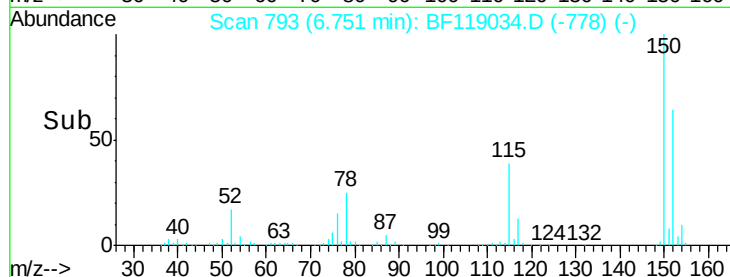
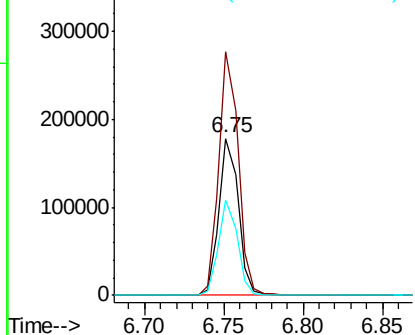
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	60.7	44.6	67.0



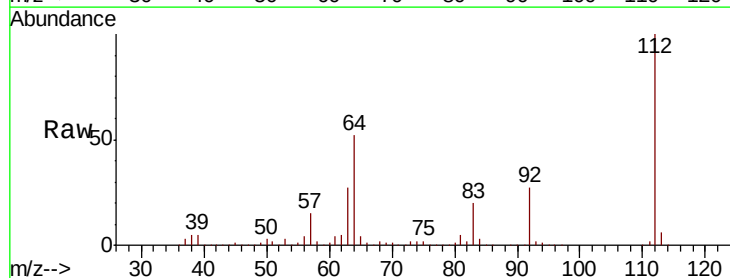
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



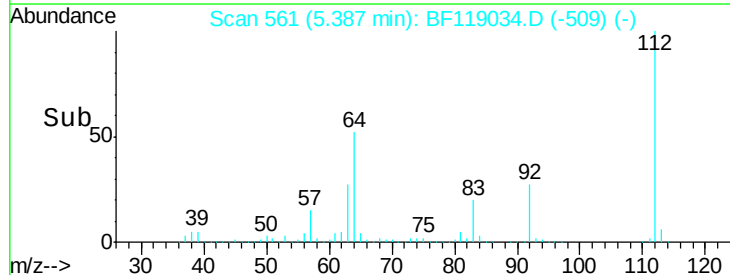
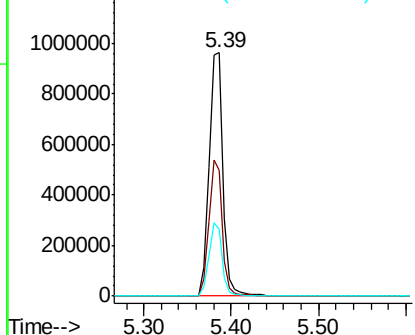
#5

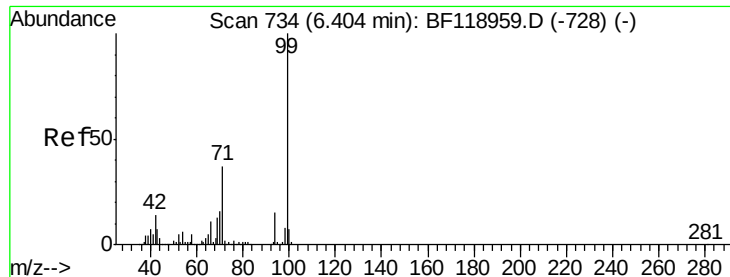
2-Fluorophenol
Concen: 116.846 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	40.4	60.6
63	27.5	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: 113.497 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

Instrument :

BNA_F

ClientSampleId :

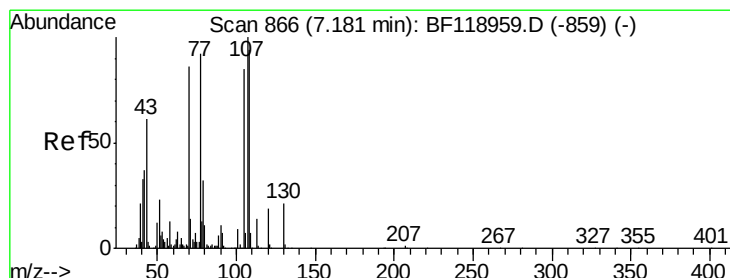
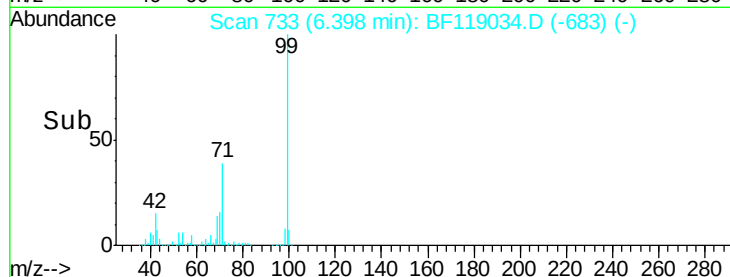
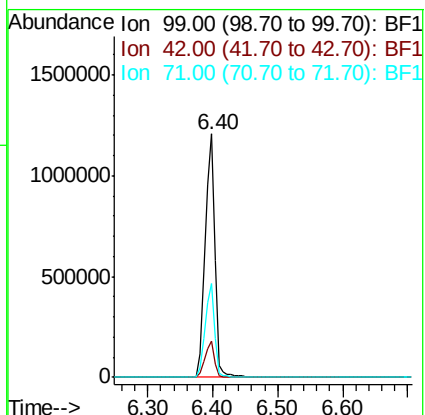
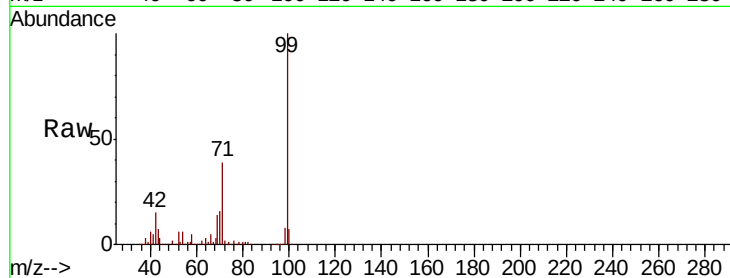
Tot Ion: 99 Resp: 1259489

Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

71 38.6 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.913 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

Tgt Ion: 70 Resp: 115828

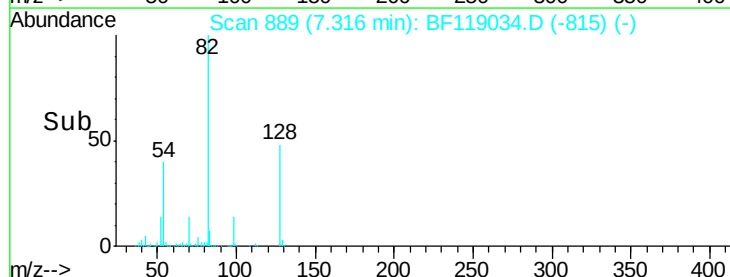
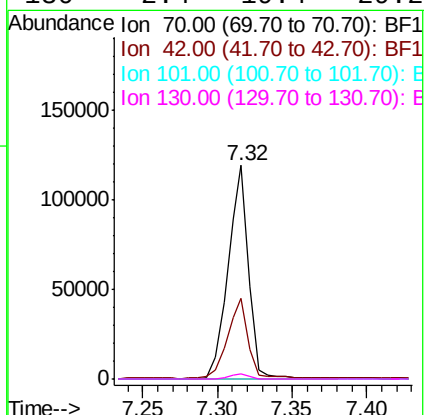
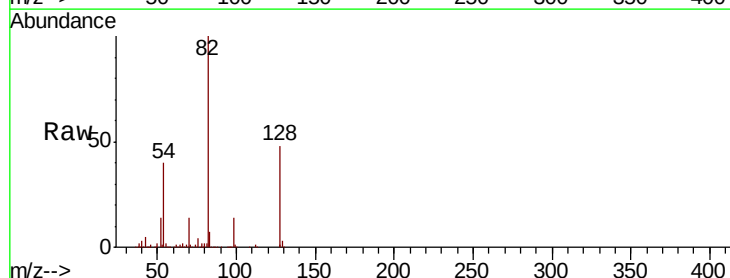
Ion Ratio Lower Upper

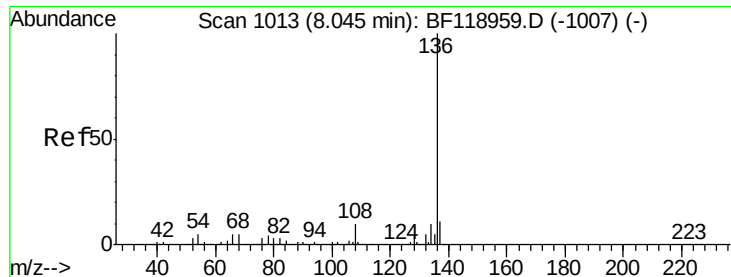
70 100

42 37.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.4 19.4 29.2#

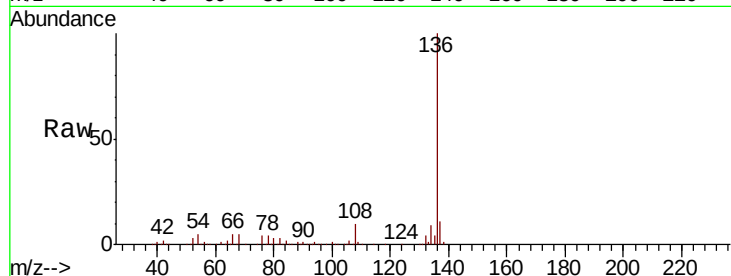




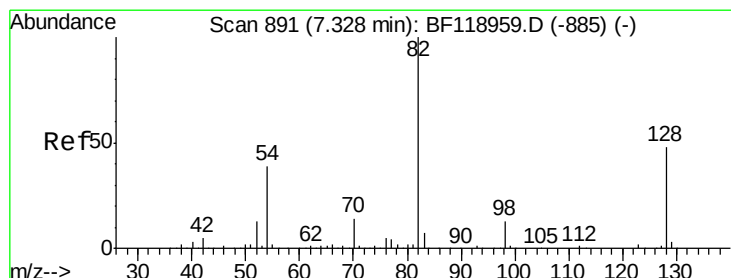
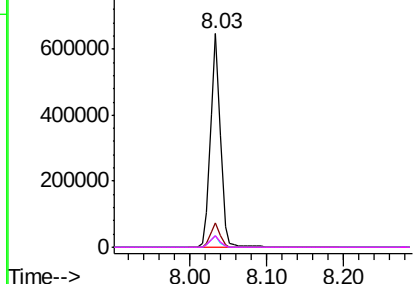
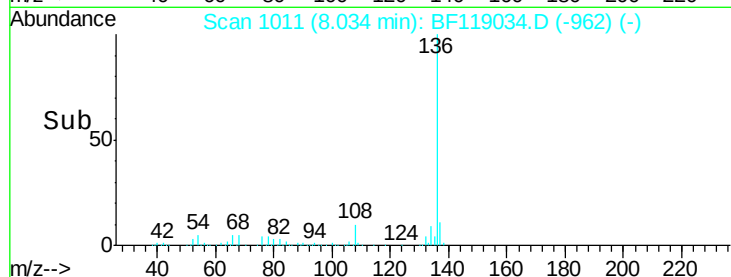
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	572415
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 5.2	3.8	5.6
68 5.2	4.2	6.2

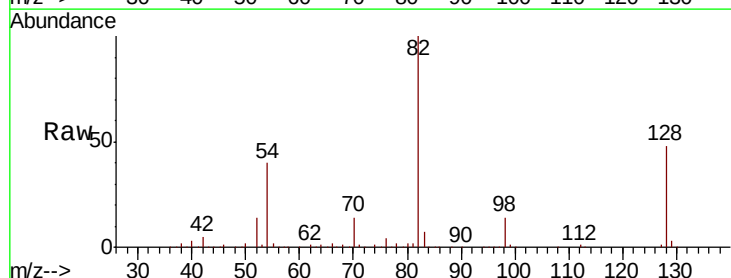


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

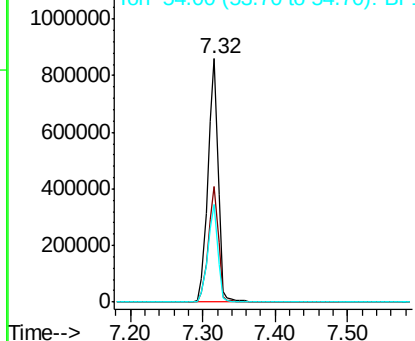
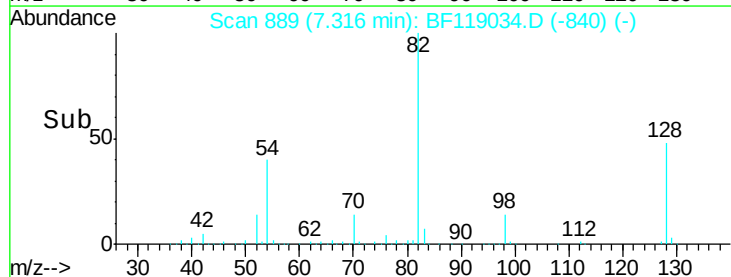


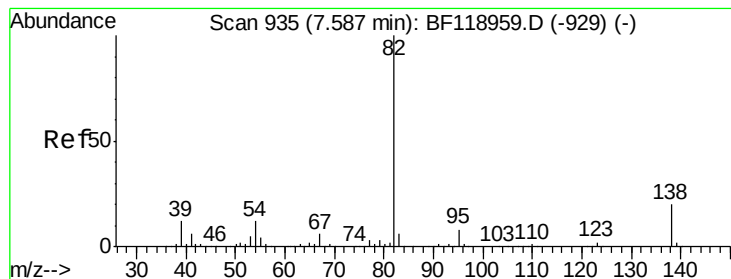
#23
Nitrobenzene-d5
Concen: 78.146 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Tgt Ion: 82	Resp: 847201
Ion Ratio	Lower Upper
82 100	
128 47.5	38.2 57.2
54 40.4	31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.000 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

Instrument :

BNA_F

ClientSampleId :

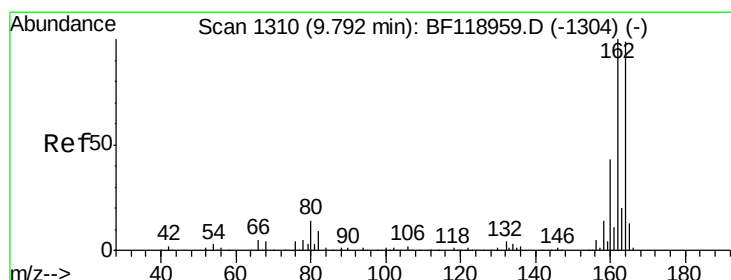
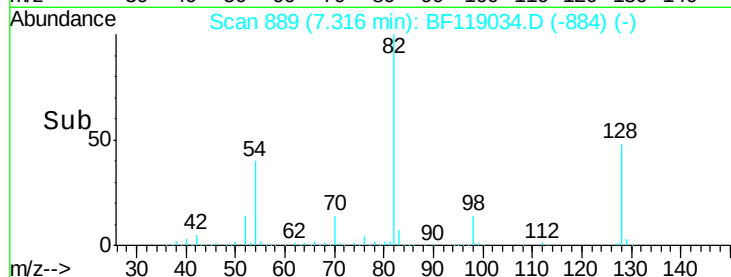
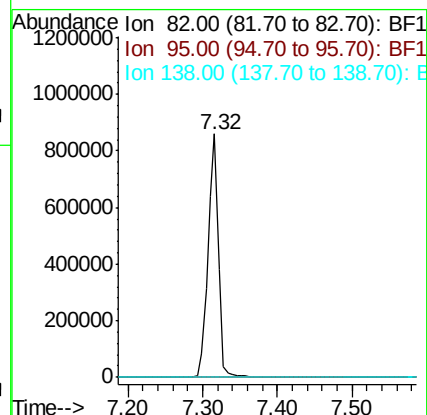
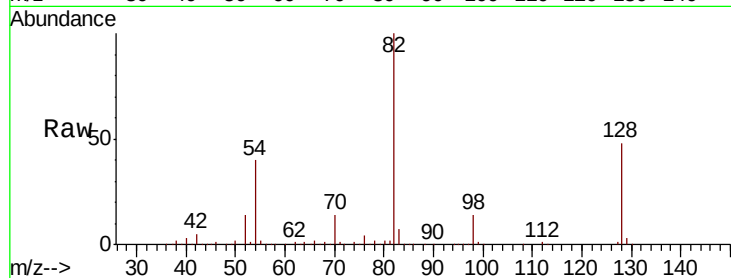
Tot Ion: 82 Resp: 847266

Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 15.8 23.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

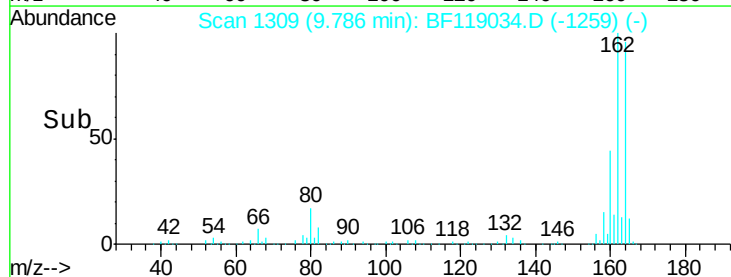
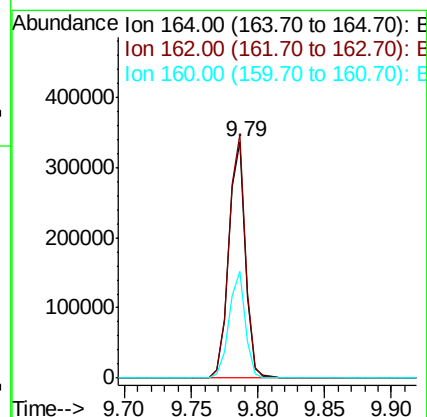
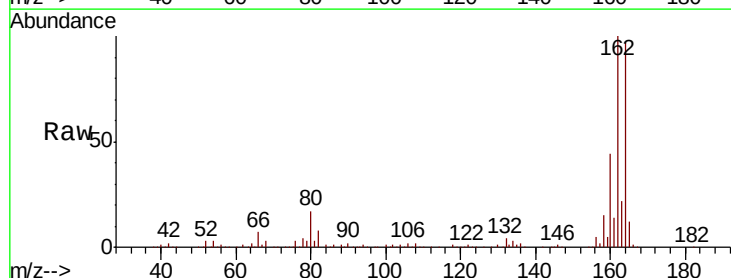
Tgt Ion: 164 Resp: 297795

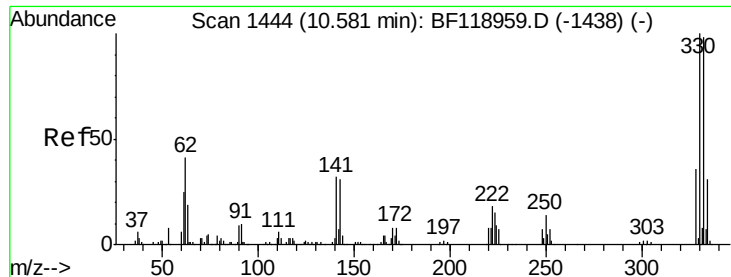
Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

160 45.0 35.2 52.8

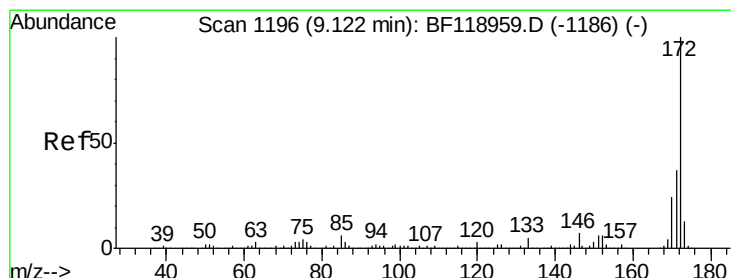
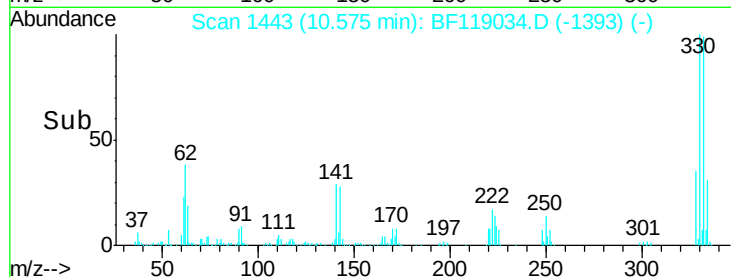
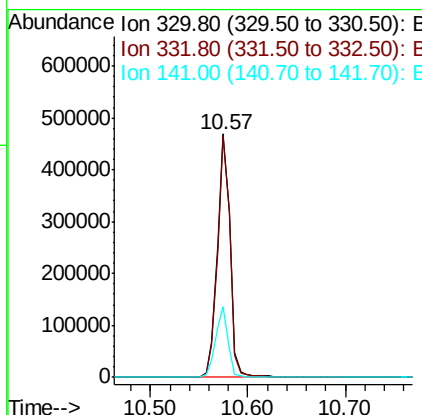
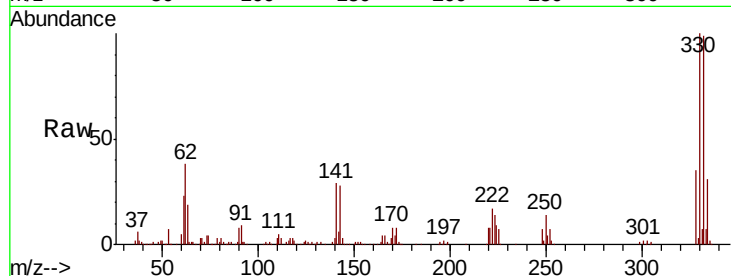




#42
 2,4,6-Tribromophenol
 Concen: 108.825 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119034.D
 Acq: 24 Feb 2020 21:30

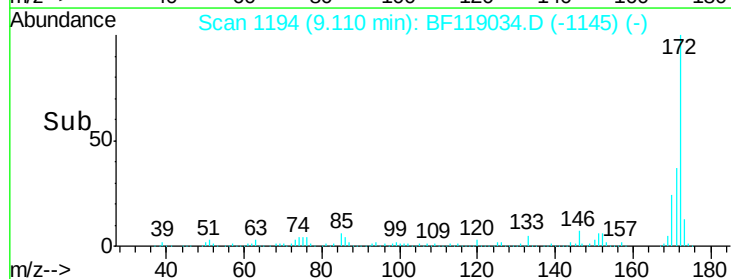
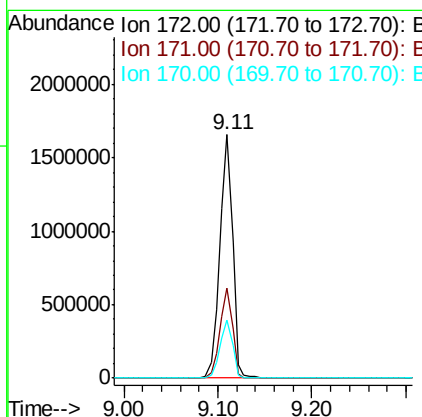
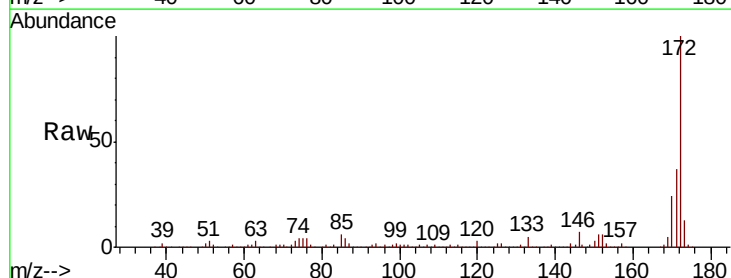
Instrument :
 BNA_F
 ClientSampleId :

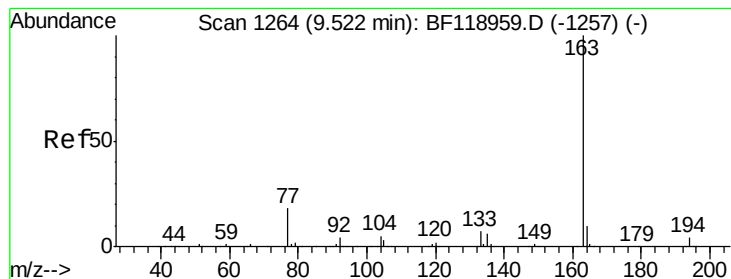
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	28.7	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 78.381 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119034.D
 Acq: 24 Feb 2020 21:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.0	19.6	29.4





#50

Dimethylphthalate

Concen: 6.326 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

Instrument :

BNA_F

ClientSampleId :

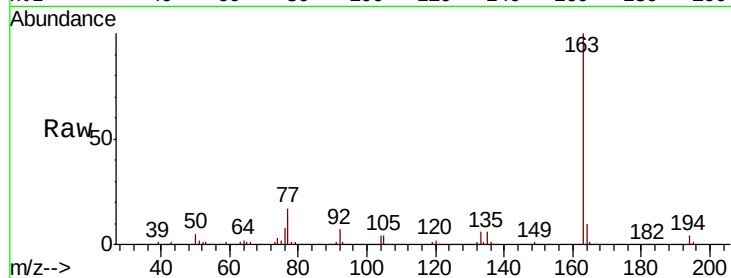
Tot Ion:163 Resp: 144043

Ion Ratio Lower Upper

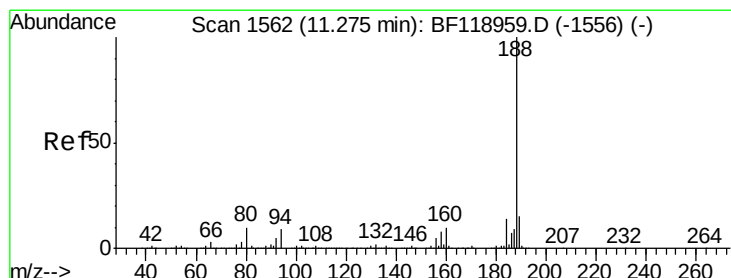
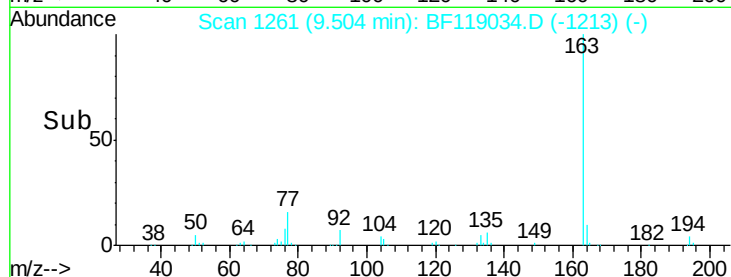
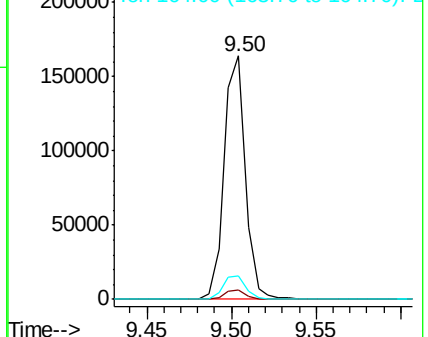
163 100

194 4.1 3.4 5.2

164 9.8 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

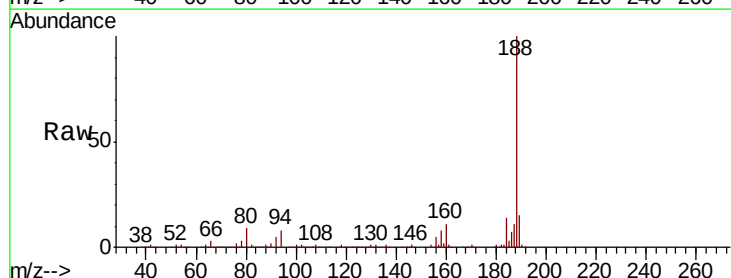
Tgt Ion:188 Resp: 510430

Ion Ratio Lower Upper

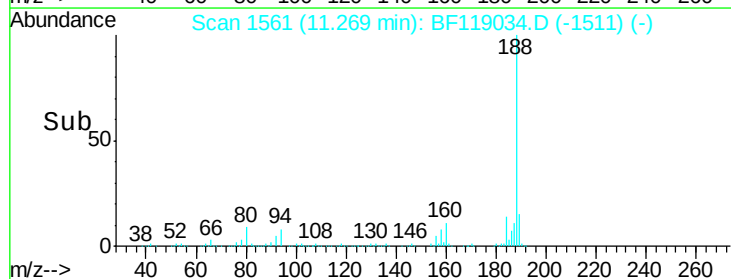
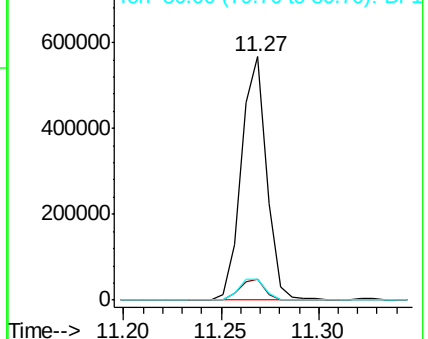
188 100

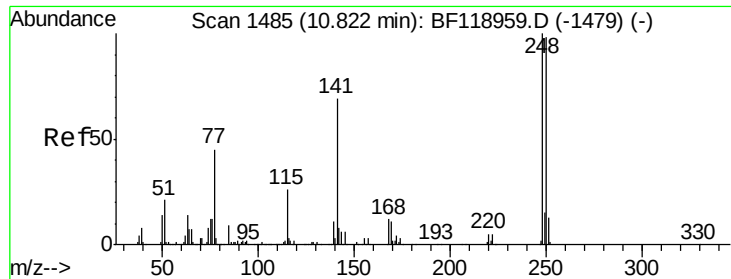
94 8.4 7.0 10.6

80 8.7 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

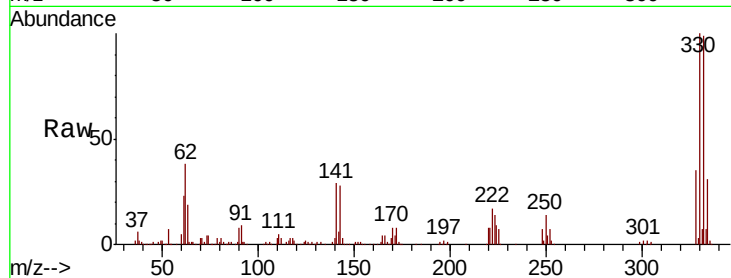




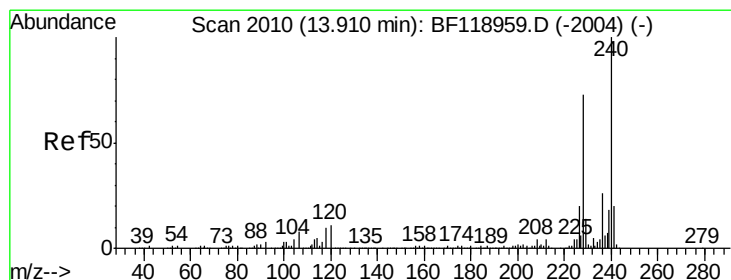
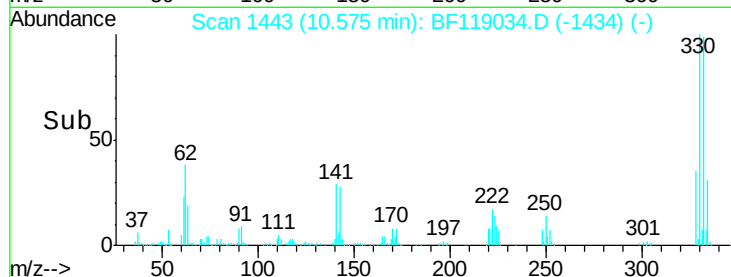
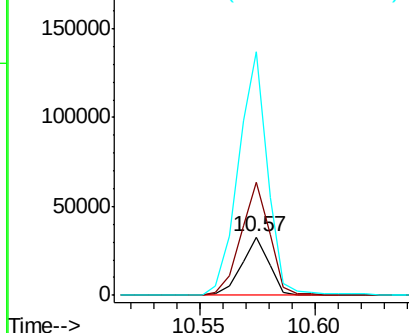
#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27577
Ion Ratio Lower Upper
248 100
250 193.3 78.8 118.2#
141 417.2 55.3 82.9#

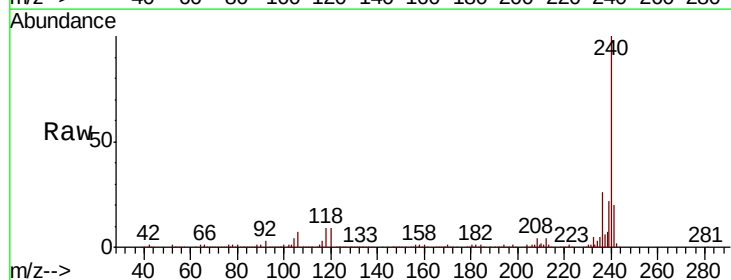


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

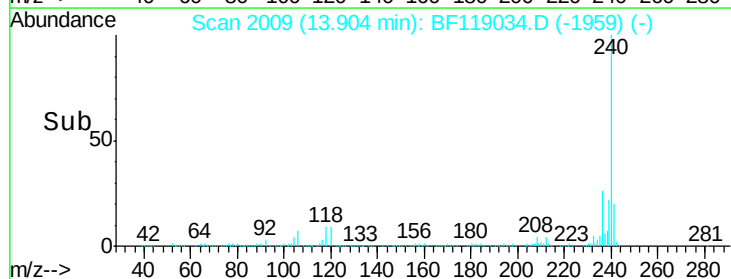
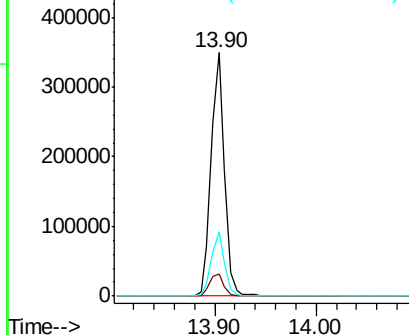


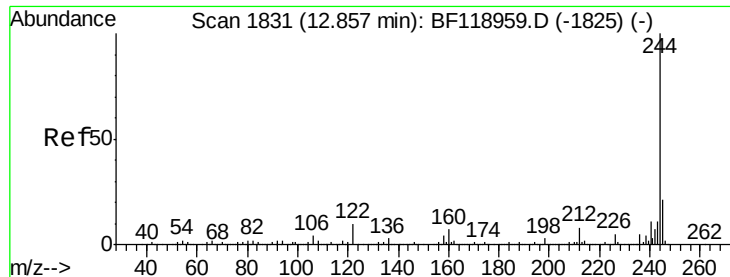
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119034.D
Acq: 24 Feb 2020 21:30

Tgt Ion:240 Resp: 321660
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 26.3 20.6 30.8



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: 83.329 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

Instrument :

BNA_F

ClientSampleId :

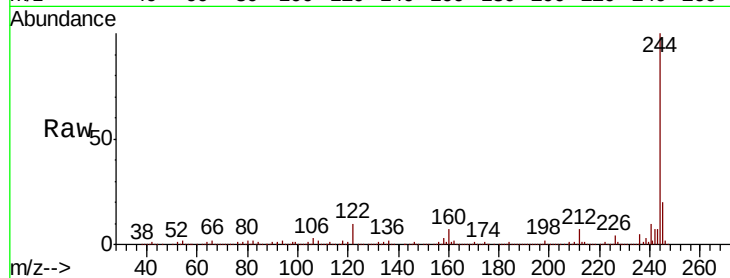
Tot Ion:244 Resp: 1556841

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 10.1 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

12.85

2000000

1500000

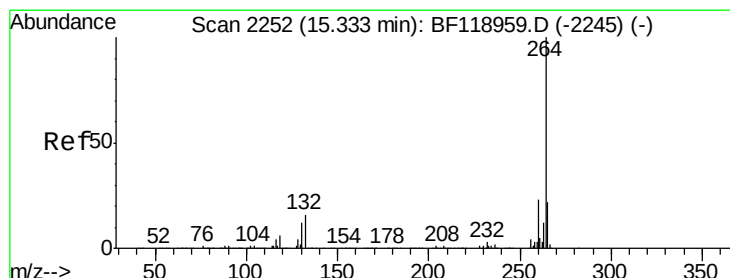
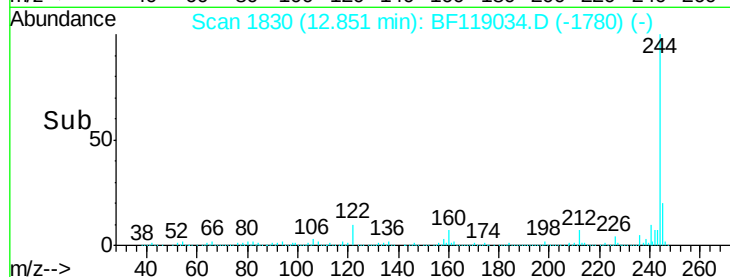
1000000

500000

0

Time-->

12.80 12.90



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BF119034.D

Acq: 24 Feb 2020 21:30

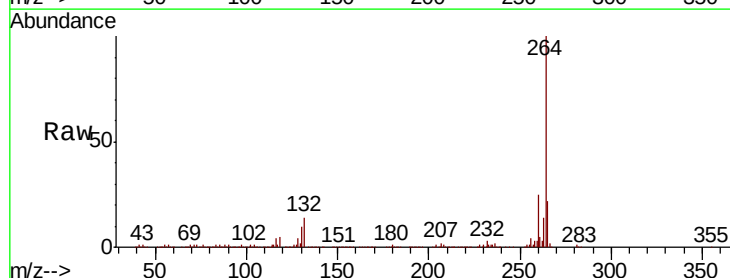
Tgt Ion:264 Resp: 347202

Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 21.6 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

15.33

300000

200000

100000

0

Time-->

15.30 15.40 15.50

