

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119031.D
 Acq On : 24 Feb 2020 20:02
 Operator : CG/JU
 Sample : L1650-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:26:20 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

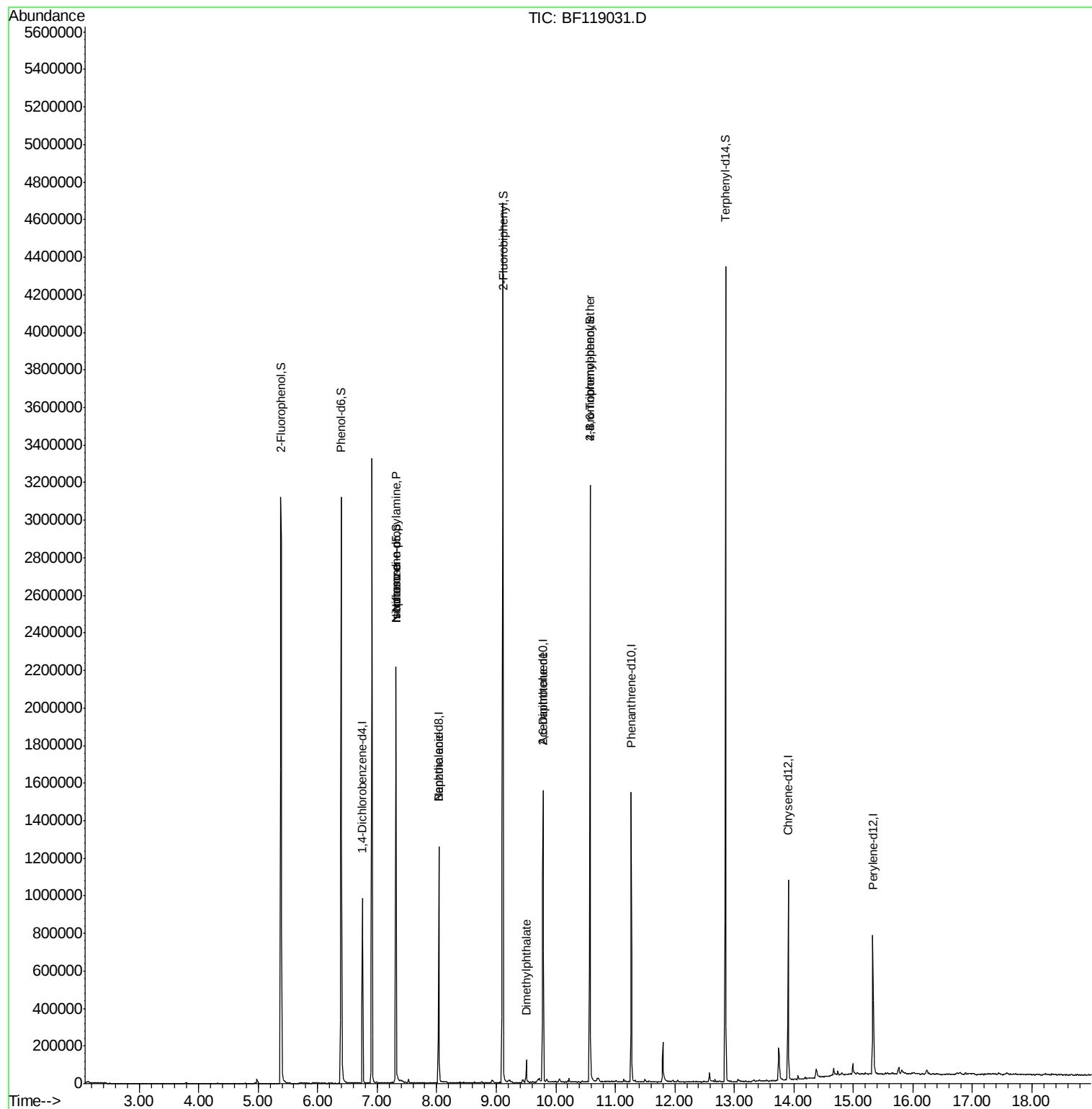
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155169	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	587906	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	313084	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	545789	20.00	ng	0.00
76) Chrysene-d12	13.90	240	361477	20.00	ng	0.00
87) Perylene-d12	15.33	264	359774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1002868	108.01	ng	0.00
7) Phenol-d6	6.40	99	1187593	105.17	ng	0.00
23) Nitrobenzene-d5	7.32	82	790129	70.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	410877	100.32	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1520278	71.53	ng	-0.01
79) Terphenyl-d14	12.85	244	1535000	73.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	109100	16.581	ng	# 77
25) Isophorone	7.32	82	790120	40.860	ng	# 63
32) Benzoic acid	8.03	122	116	6.697	ng	# 1
50) Dimethylphthalate	9.50	163	48065	2.008	ng	97
51) 2,6-Dinitrotoluene	9.79	165	40451	7.605	ng	# 30
67) 4-Bromophenyl-phenylether	10.57	248	27471	3.851	ng	# 1

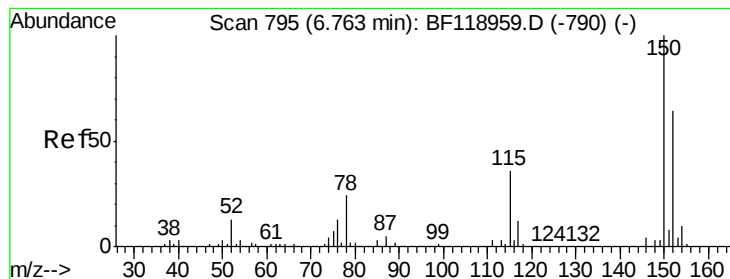
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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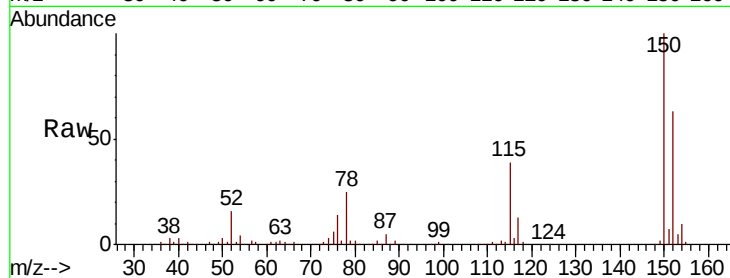


#1

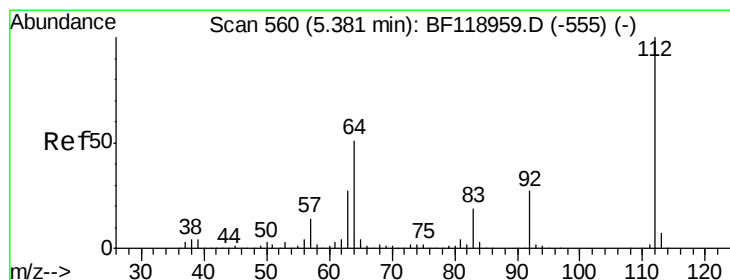
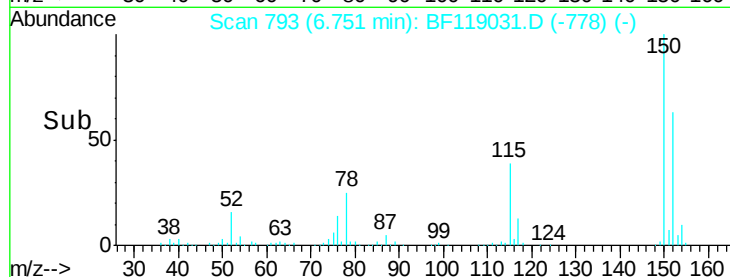
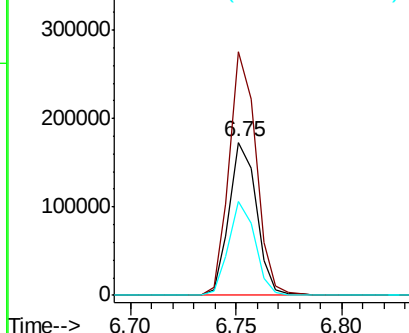
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.3	186.5
115	61.8	44.6	67.0



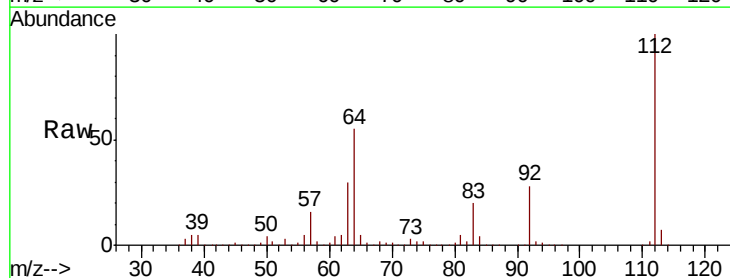
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



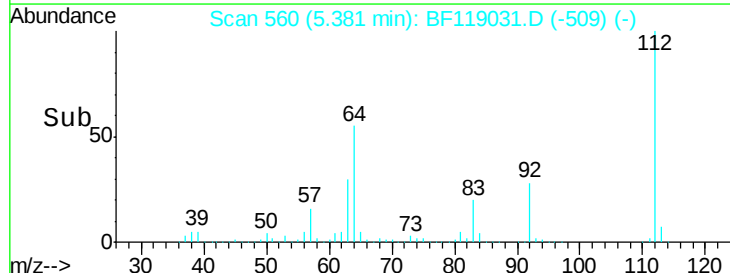
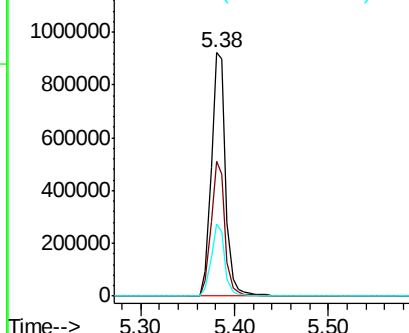
#5

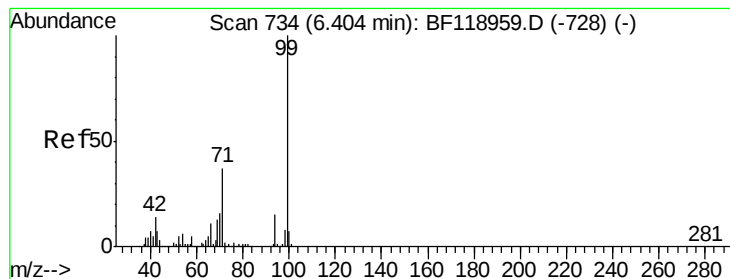
2-Fluorophenol
Concen: 108.009 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	40.4	60.6
63	29.8	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: 105.169 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

Instrument :

BNA_F

ClientSampleId :

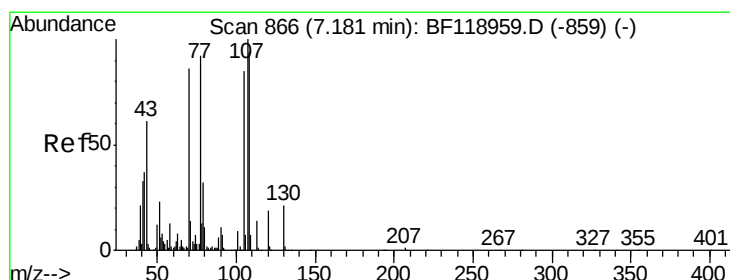
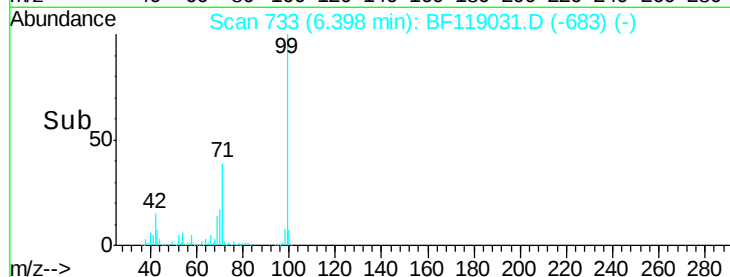
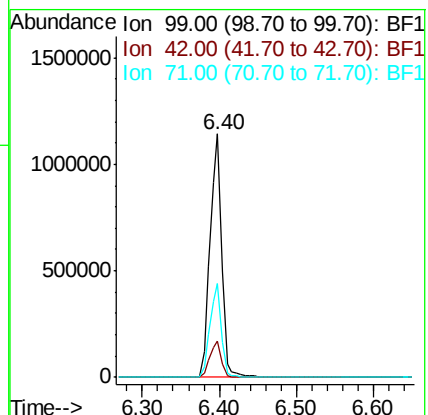
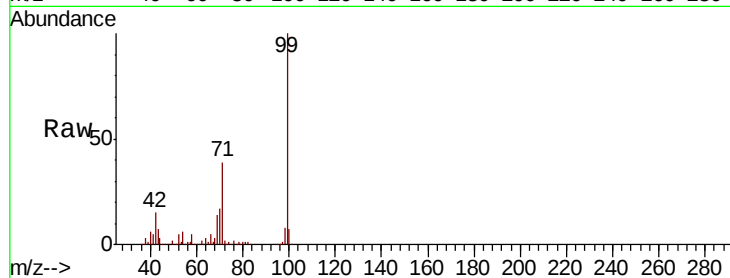
Tot Ion: 99 Resp: 1187593

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: 16.581 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

Tgt Ion: 70 Resp: 109100

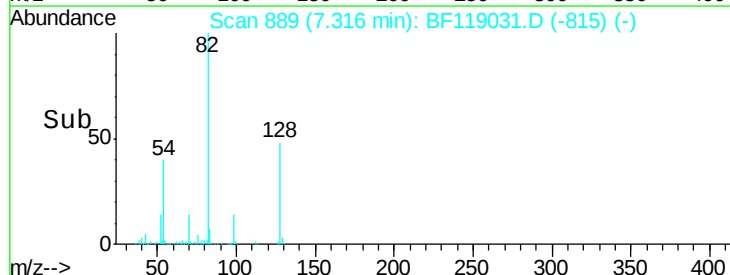
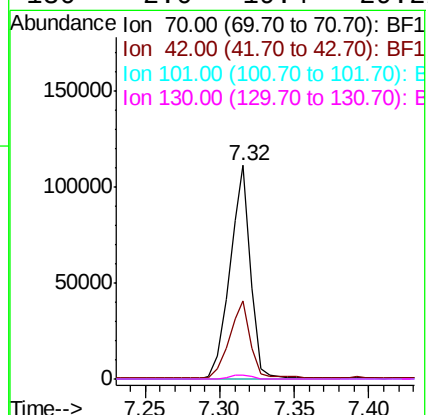
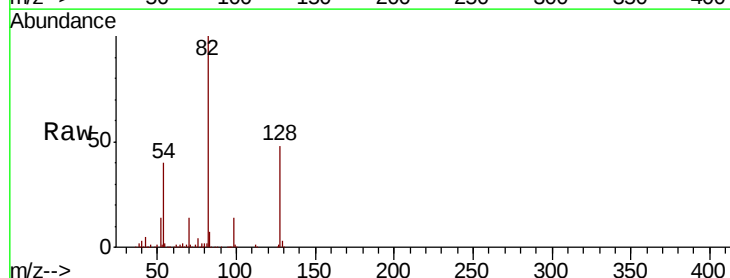
Ion Ratio Lower Upper

70 100

42 36.7 34.6 51.8

101 0.0 8.1 12.1#

130 2.0 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: BF119031.D

Acq: 24 Feb 2020 20:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587906

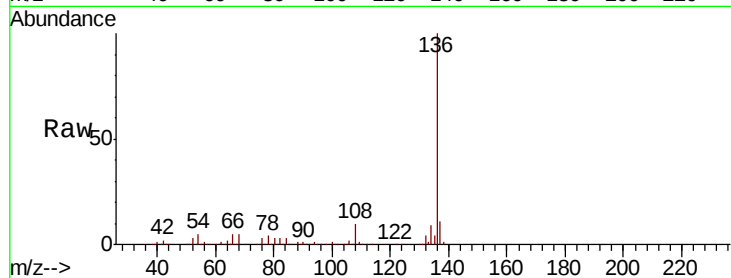
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.3 3.8 5.6

68 5.2 4.2 6.2

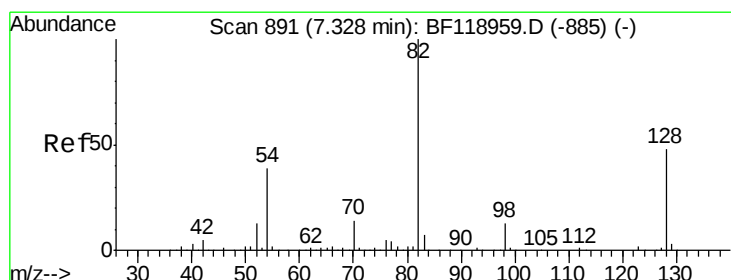
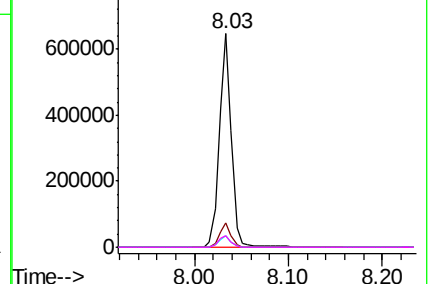
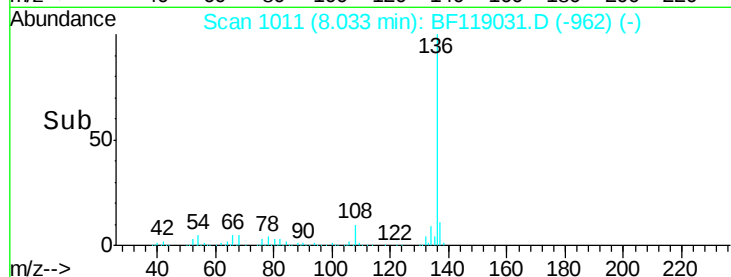


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.962 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

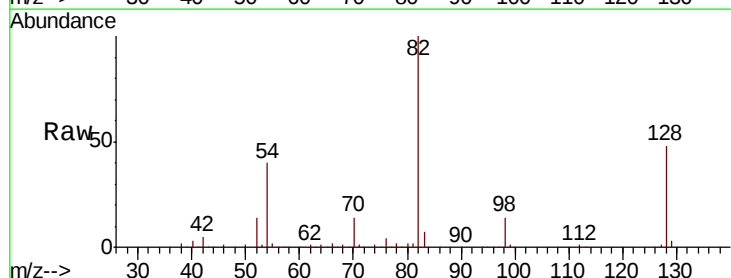
Tgt Ion: 82 Resp: 790129

Ion Ratio Lower Upper

82 100

128 47.9 38.2 57.2

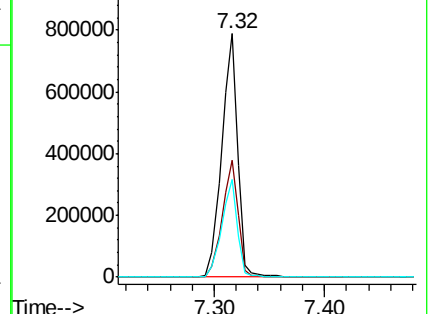
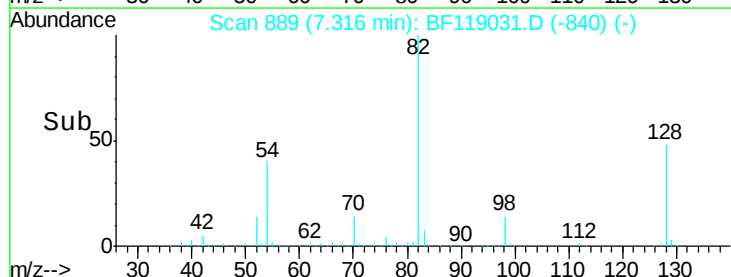
54 40.1 31.3 46.9



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

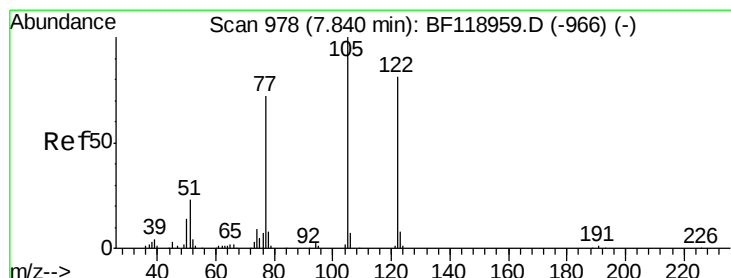
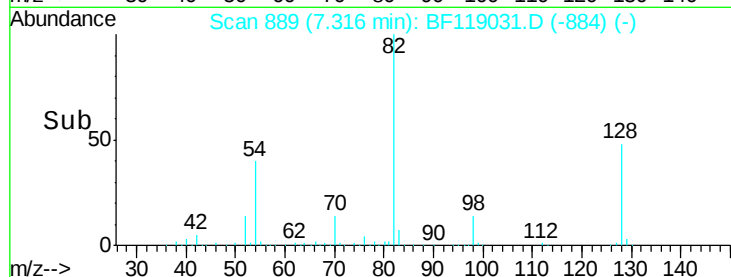
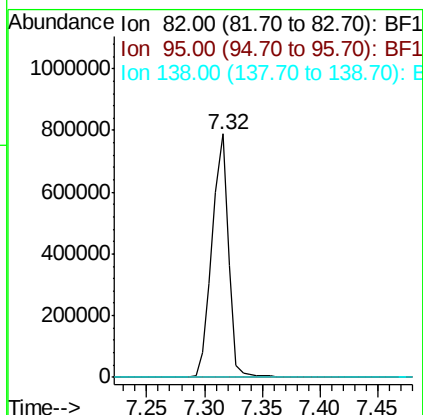
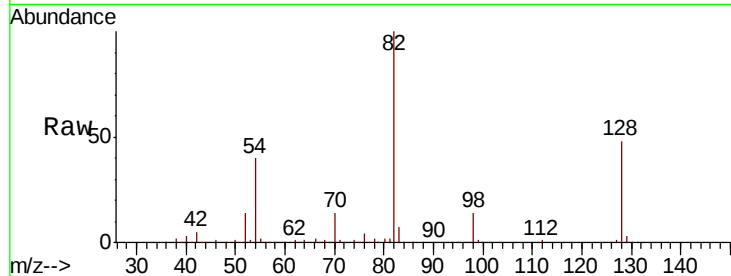




#25
Isophorone
Concen: 40.860 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

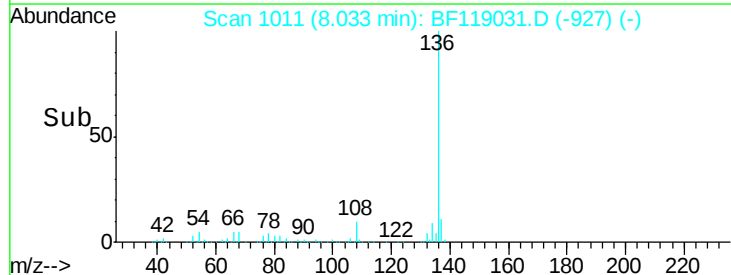
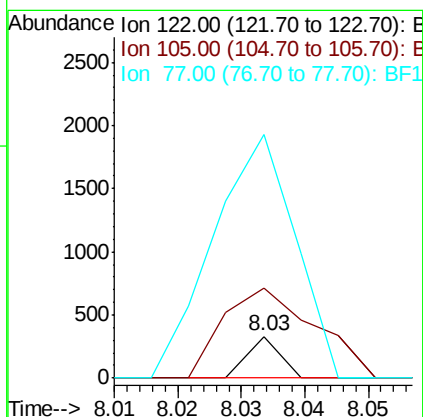
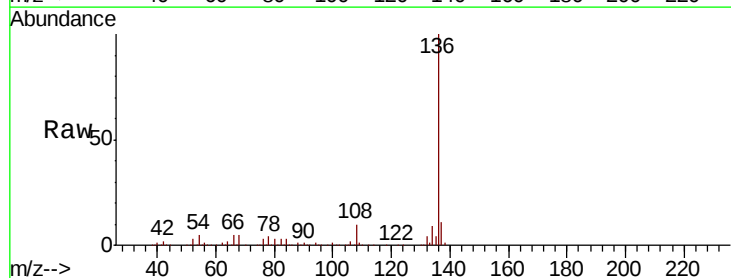
Instrument :
BNA_F
ClientSampleId :

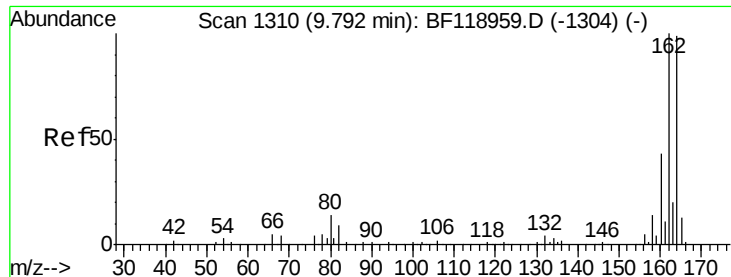
Tot Ion: 82 Resp: 790120
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.8 23.6#



#32
Benzoic acid
Concen: 6.697 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.19 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 214.8 102.2 142.2#
77 584.2 68.6 108.6#

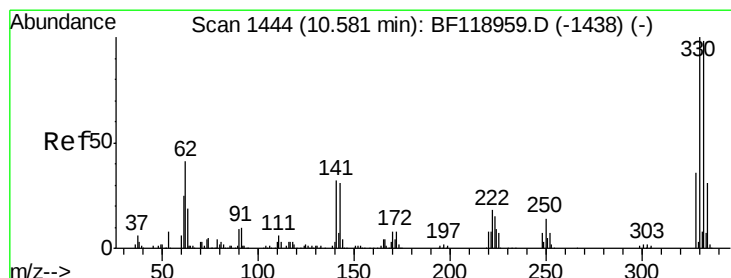
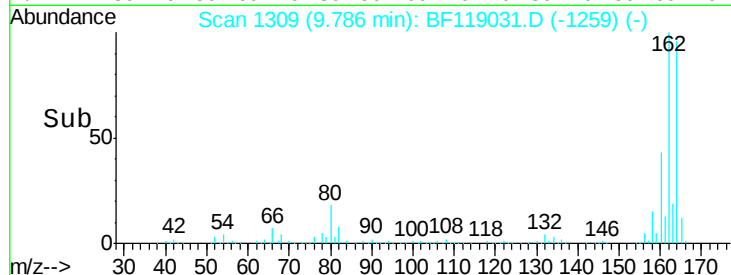
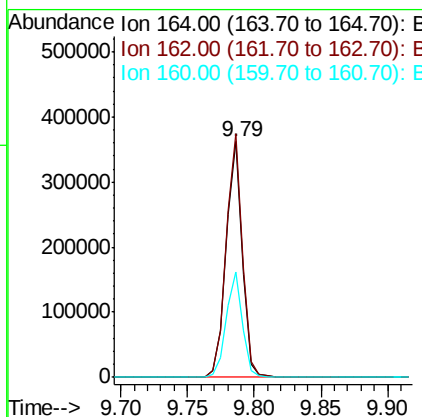
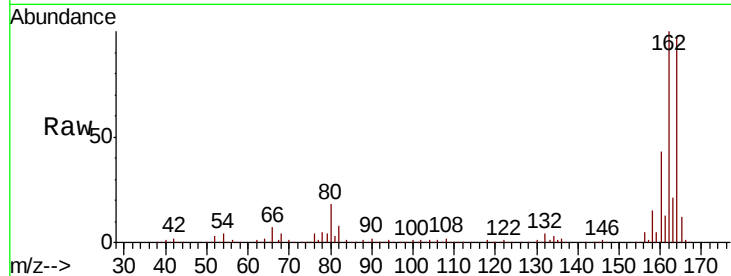




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

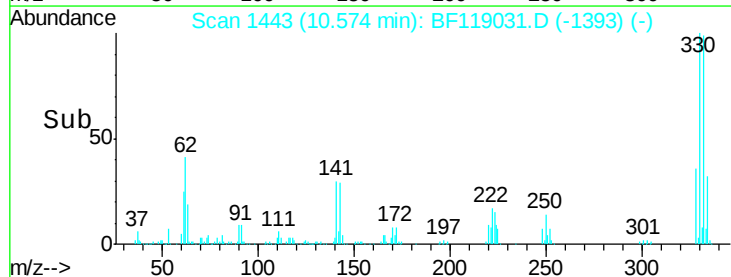
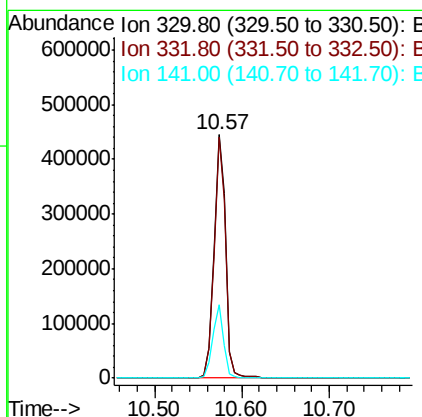
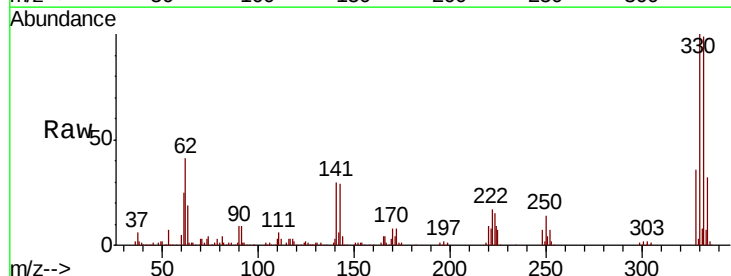
Instrument :
BNA_F
ClientSampleId :

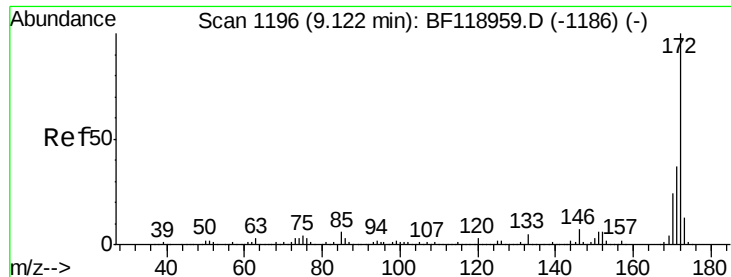
Tot Ion:164 Resp: 313084
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 44.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 100.320 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Tgt Ion:330 Resp: 410877
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 28.6 23.0 34.6

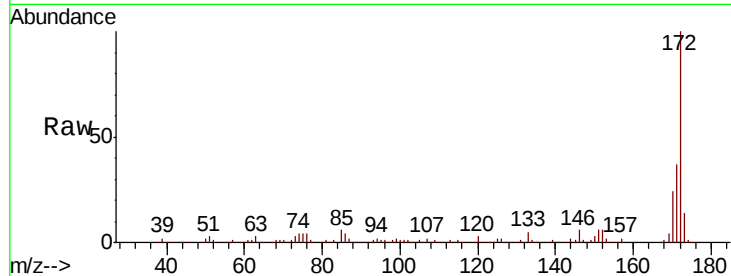




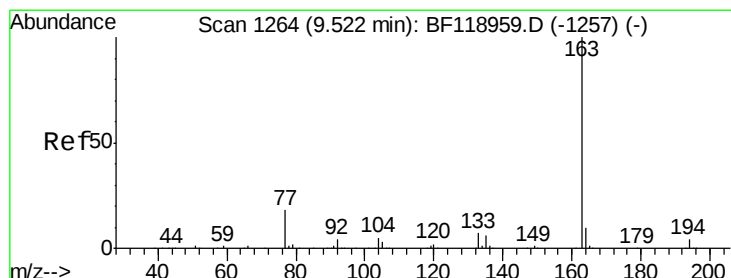
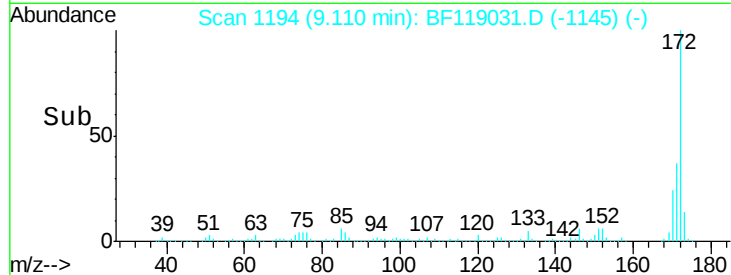
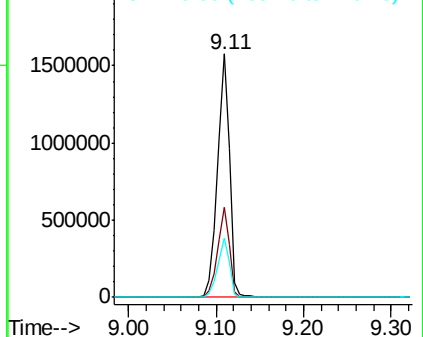
#45
2-Fluorobiphenyl
Concen: 71.535 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1520278
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 24.2 19.6 29.4

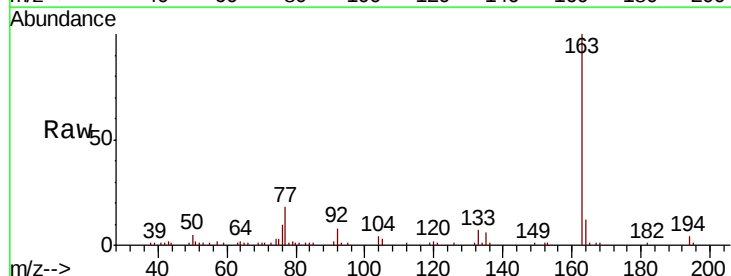


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

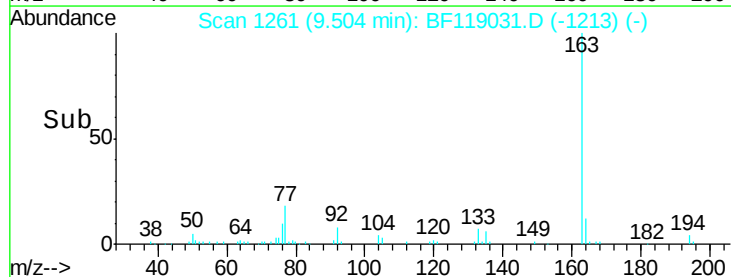
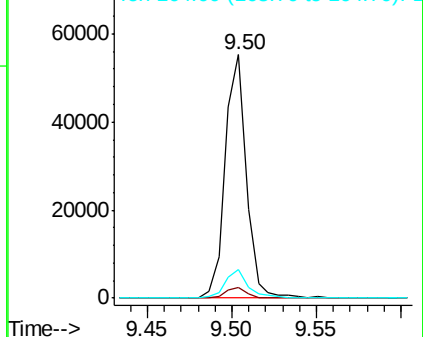


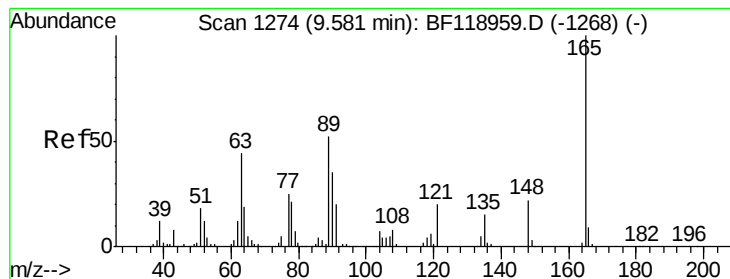
#50
Dimethylphthalate
Concen: 2.008 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Tgt Ion:163 Resp: 48065
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 11.6 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: 7.605 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

Instrument :

BNA_F

ClientSampleId :

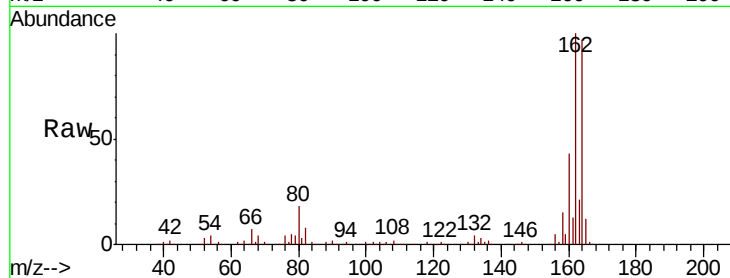
Tot Ion:165 Resp: 40451

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

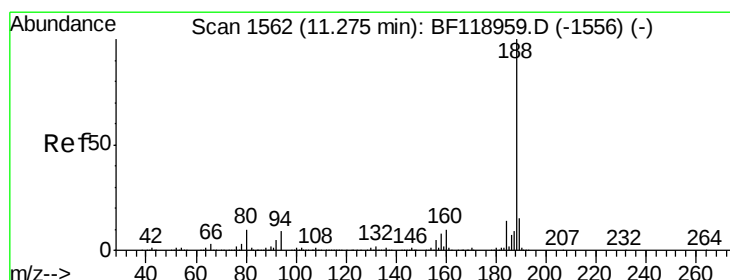
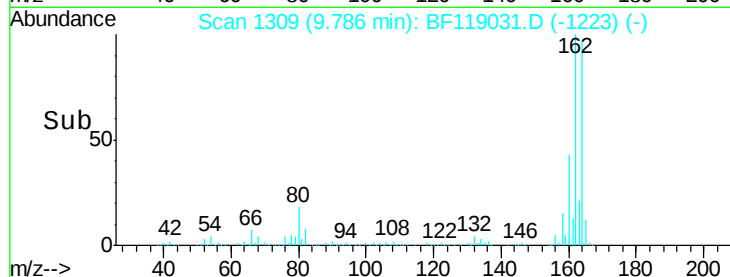
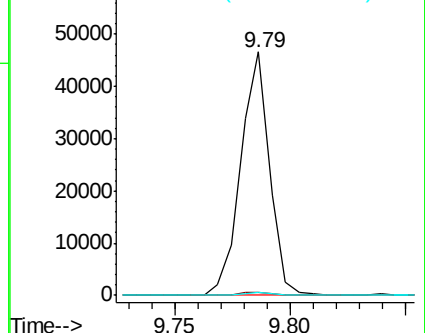
89 1.4 41.4 62.0#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

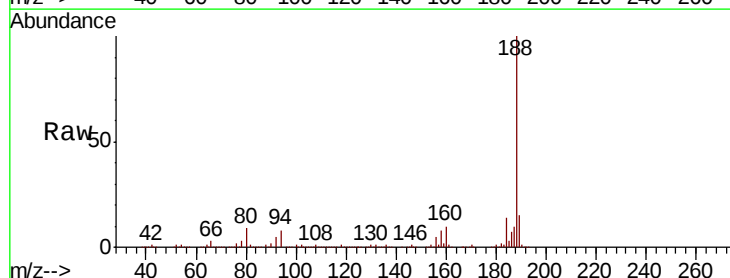
Tgt Ion:188 Resp: 545789

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

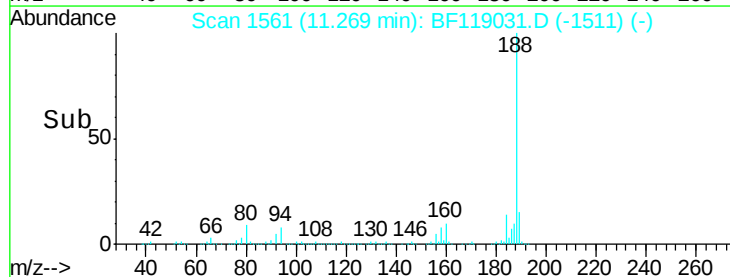
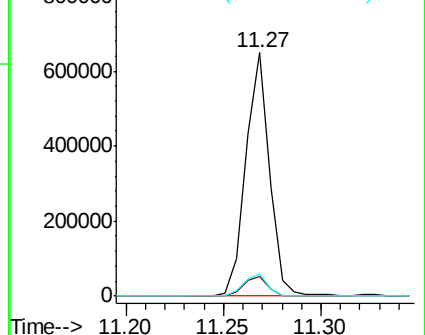
80 9.3 7.9 11.9

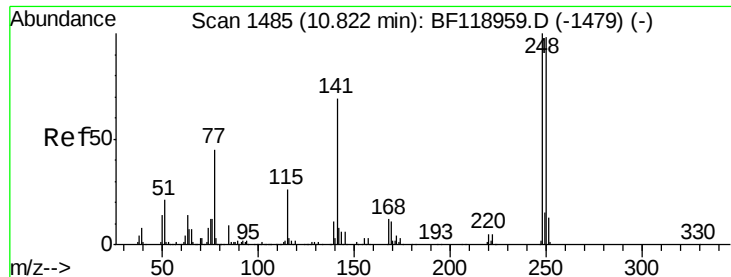


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

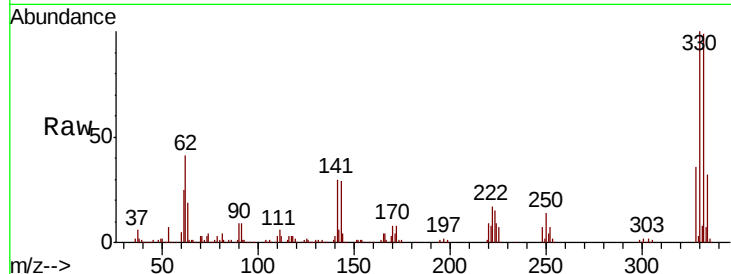




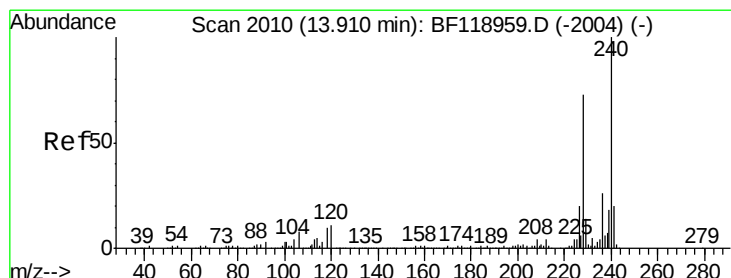
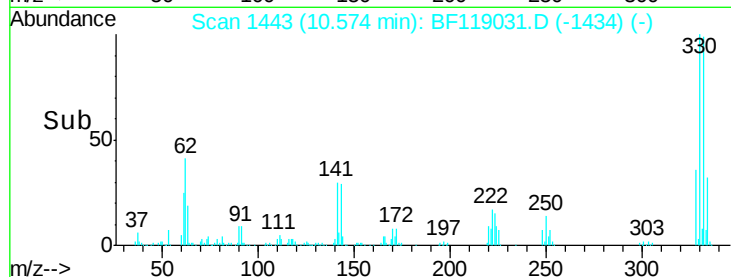
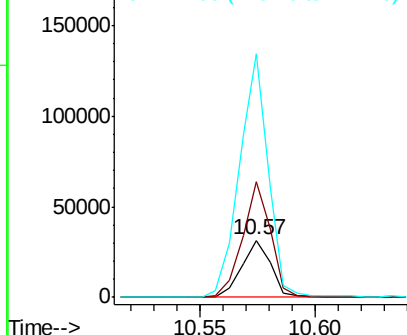
#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27471
Ion Ratio Lower Upper
248 100
250 202.5 78.8 118.2#
141 426.0 55.3 82.9#

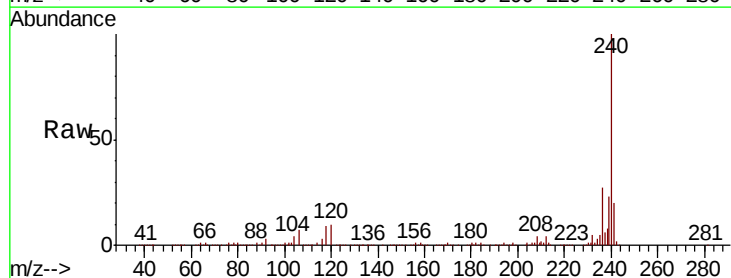


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

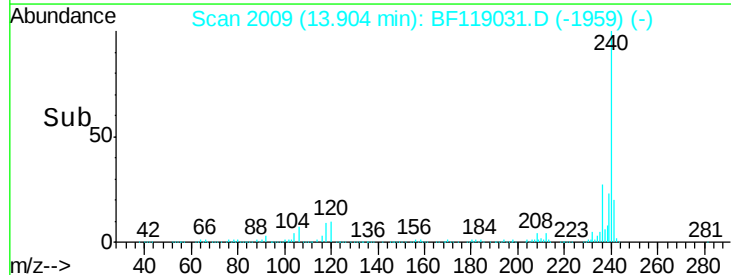
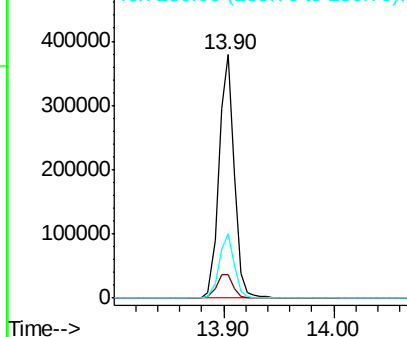


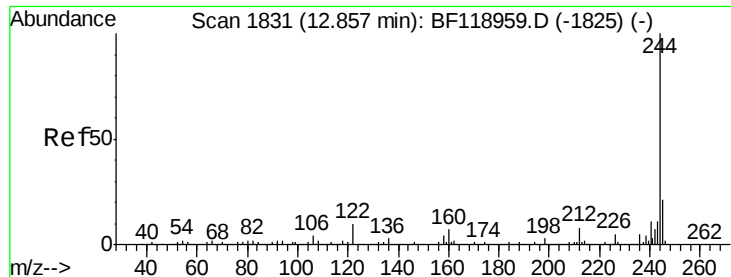
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119031.D
Acq: 24 Feb 2020 20:02

Tgt Ion:240 Resp: 361477
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 26.6 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: 73.110 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119031.D

Acq: 24 Feb 2020 20:02

Instrument :

BNA_F

ClientSampleId :

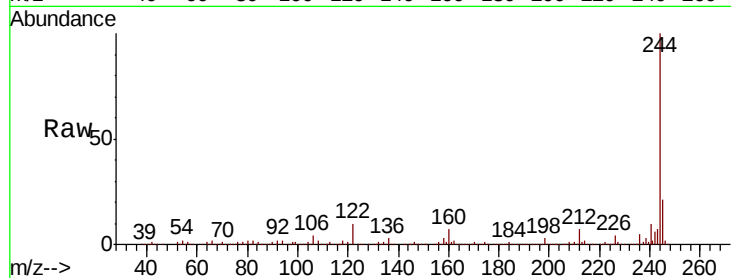
Tot Ion:244 Resp: 1535000

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

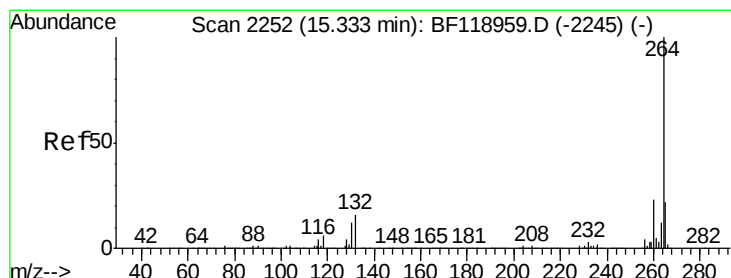
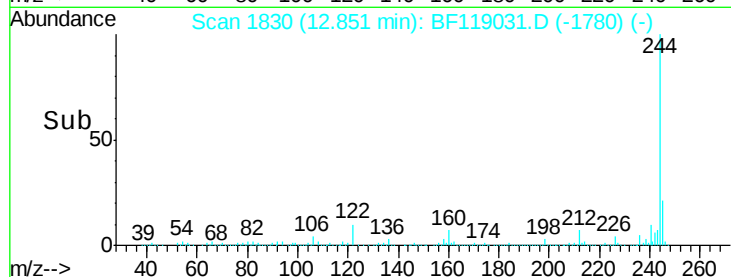
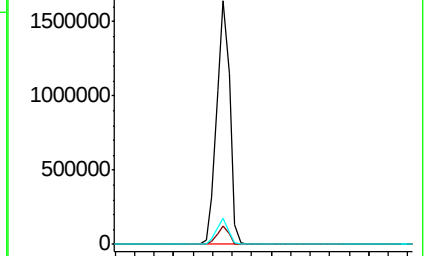
122 10.5 8.4 12.6



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: BF119031.D

Acq: 24 Feb 2020 20:02

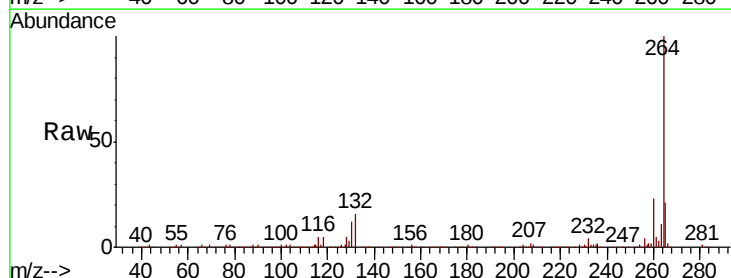
Tgt Ion:264 Resp: 359774

Ion Ratio Lower Upper

264 100

260 23.2 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

