

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120174.D
 Acq On : 23 Apr 2020 20:06
 Operator : MA/SJ
 Sample : L2360-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE WALL

Quant Time: Apr 24 01:24:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

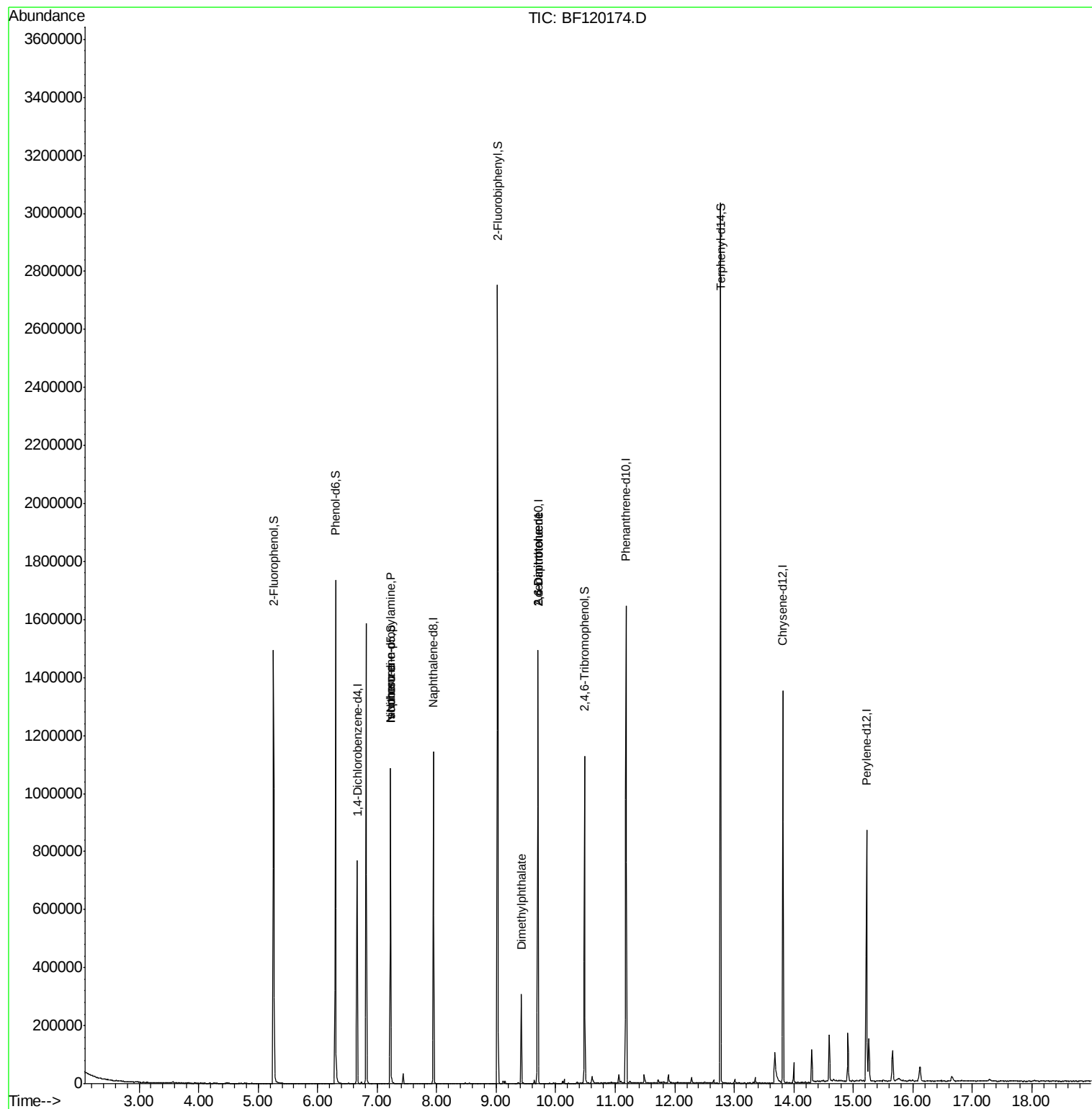
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	119716	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	463166	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	274423	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	557147	20.00	ng	0.00
76) Chrysene-d12	13.82	240	437258	20.00	ng	-0.01
87) Perylene-d12	15.22	264	391512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	367880	53.11	ng	0.00
7) Phenol-d6	6.30	99	501513	56.18	ng	-0.01
23) Nitrobenzene-d5	7.22	82	338497	37.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	127021	37.81	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	778848	40.30	ng	-0.01
79) Terphenyl-d14	12.77	244	1005764	38.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	437	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.22	70	43242	7.534	ng	# 80
25) Isophorone	7.22	82	335555	19.443	ng	# 65
50) Dimethylphthalate	9.42	163	118599	5.587	ng	# 99
51) 2,6-Dinitrotoluene	9.70	165	33709	7.252	ng	# 27
57) 2,4-Dinitrotoluene	9.70	165	33709	5.504	ng	# 20

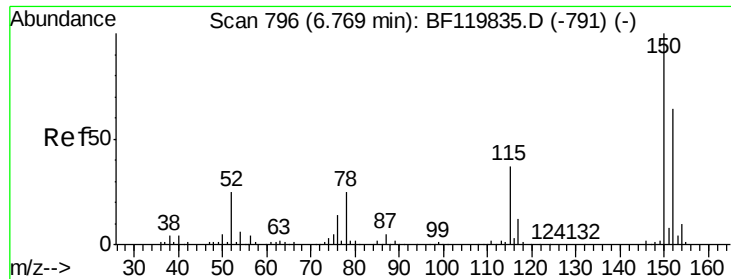
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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ALS Vial : 18 Sample Multiplier: 1

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OUTSIDE WALL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Instrument :

BNA_F

ClientSampleId :

OUTSIDE WALL

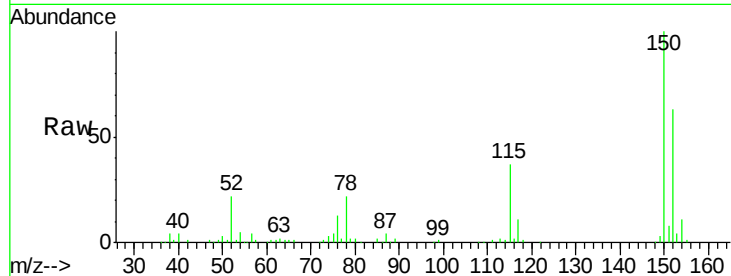
Tot Ion:152 Resp: 119716

Ion Ratio Lower Upper

152 100

150 159.9 124.5 186.7

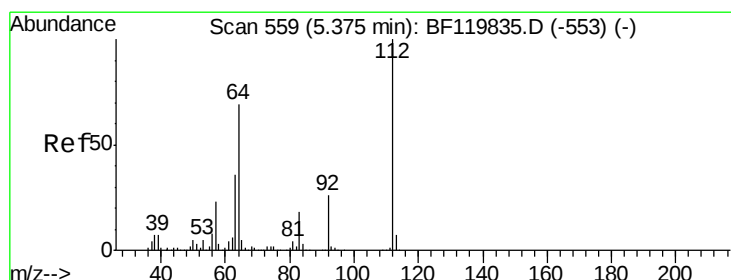
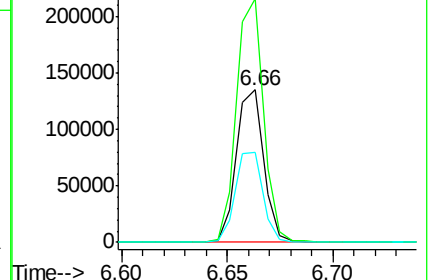
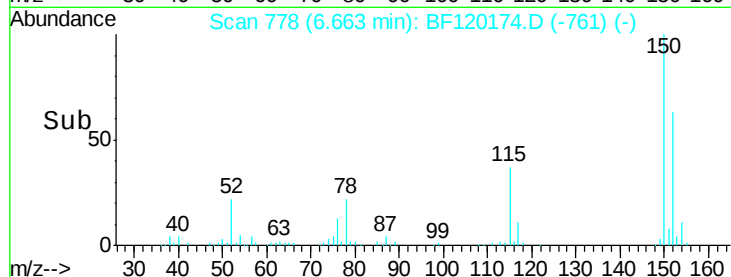
115 59.3 49.6 74.4



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: 53.106 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

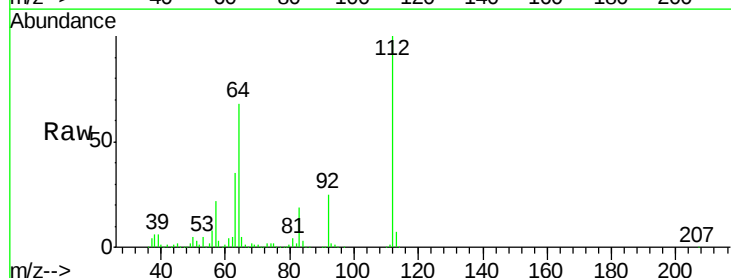
Tgt Ion:112 Resp: 367880

Ion Ratio Lower Upper

112 100

64 67.7 56.7 85.1

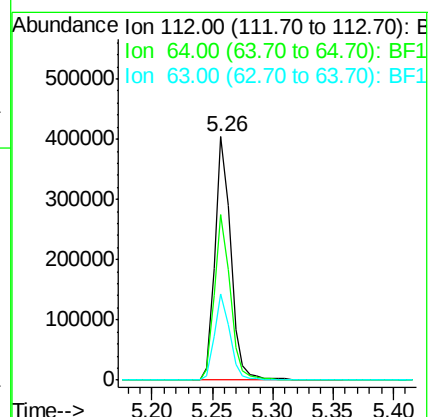
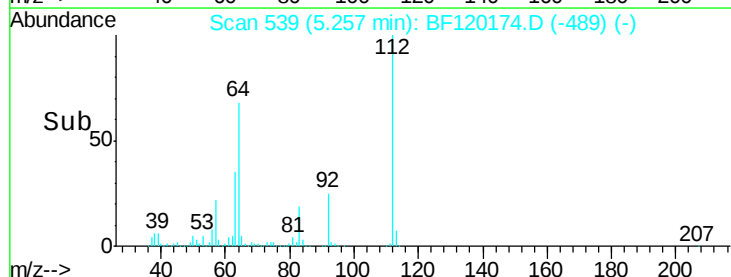
63 35.4 29.5 44.3



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: 56.185 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Instrument :

BNA_F

ClientSampleId :

OUTSIDE WALL

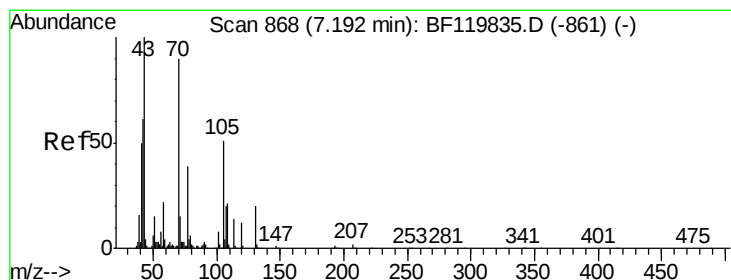
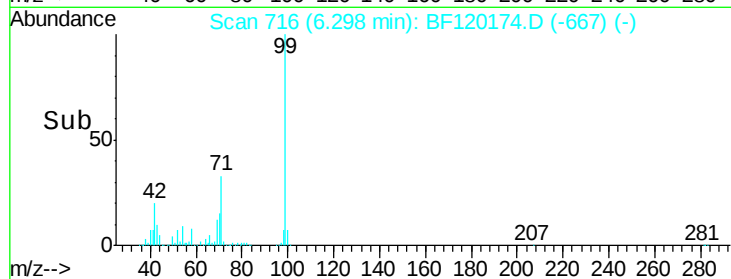
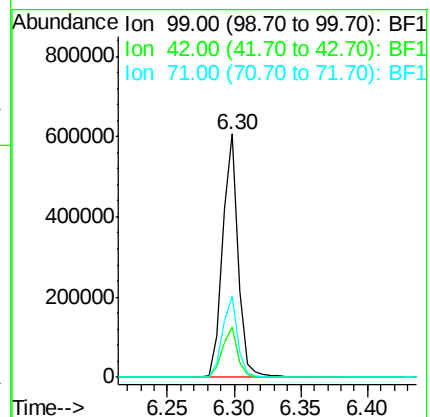
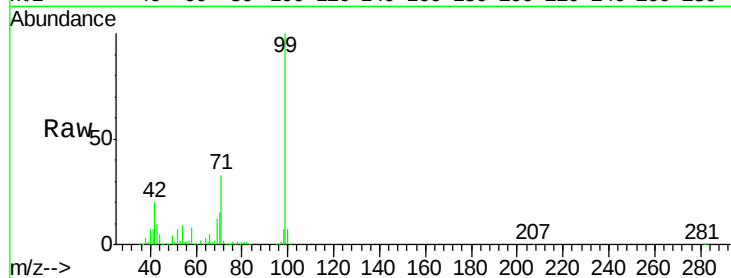
Tot Ion: 99 Resp: 501513

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 33.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.534 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Tgt Ion: 70 Resp: 43242

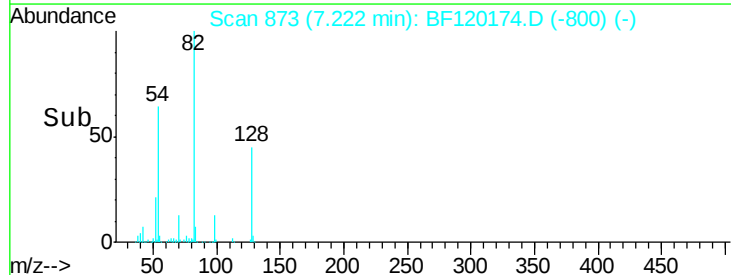
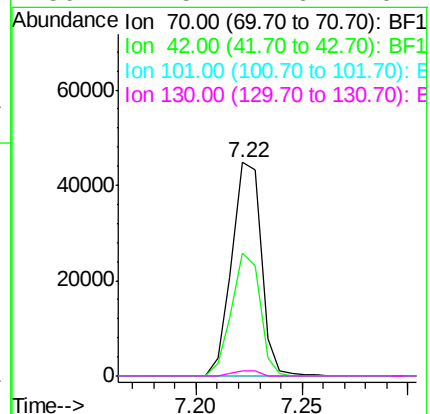
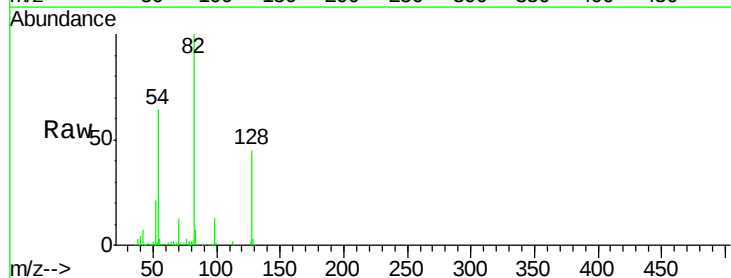
Ion Ratio Lower Upper

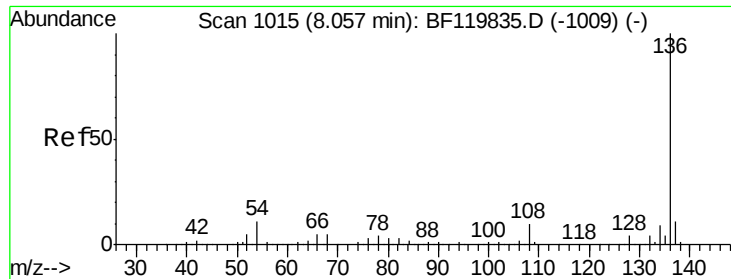
70 100

42 57.5 54.5 81.7

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#

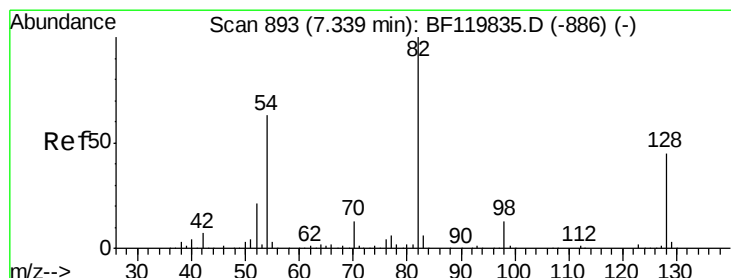
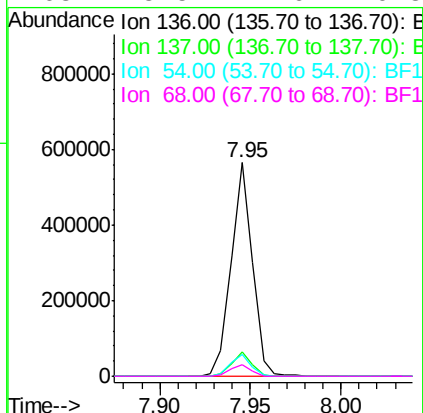
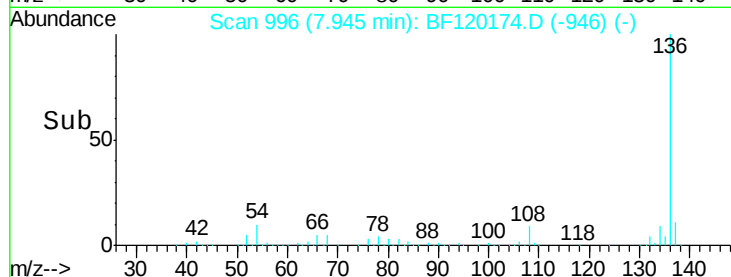
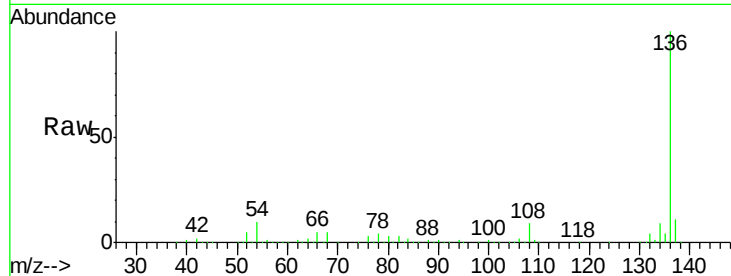




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120174.D
Acq: 23 Apr 2020 20:06

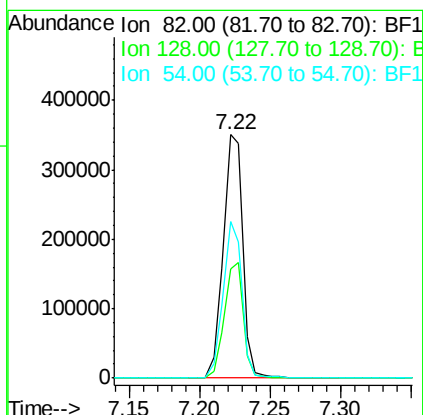
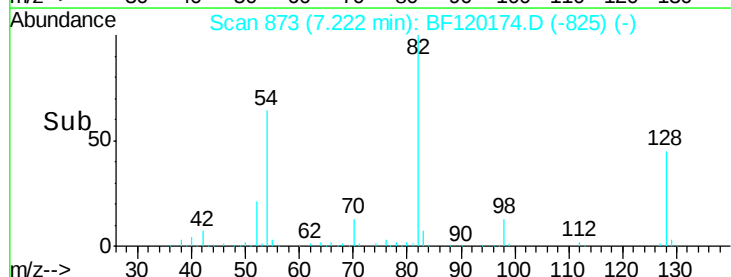
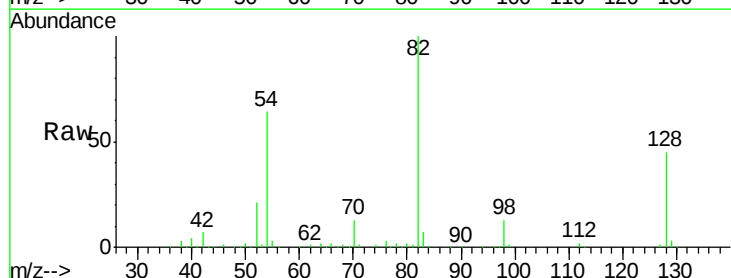
Instrument :
BNA_F
ClientSampleId :
OUTSIDE WALL

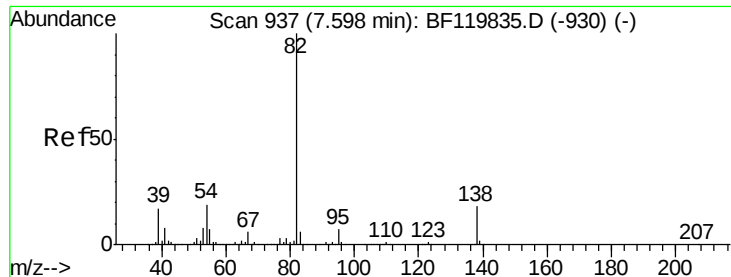
Tot Ion:136	Resp:	463166
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.5	9.1 13.7
68	5.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 37.809 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF120174.D
Acq: 23 Apr 2020 20:06

Tgt Ion: 82	Resp:	338497
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.3 54.5
54	64.1	50.6 75.8





#25

Isophorone

Concen: 19.443 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Instrument :

BNA_F

ClientSampleId :

OUTSIDE WALL

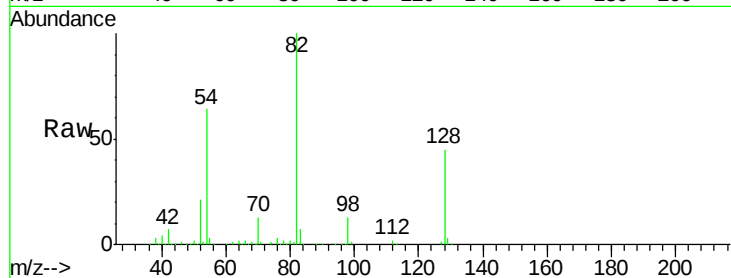
Tot Ion: 82 Resp: 335555

Ion Ratio Lower Upper

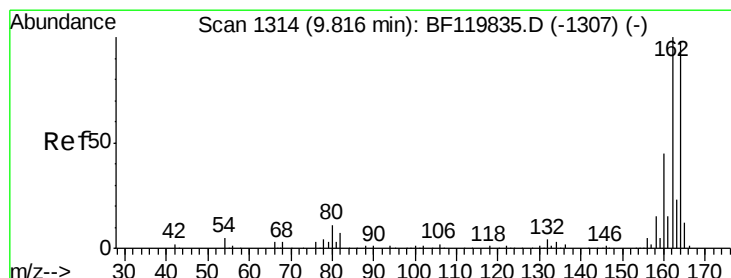
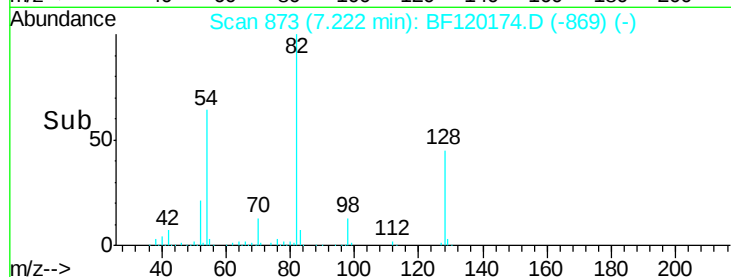
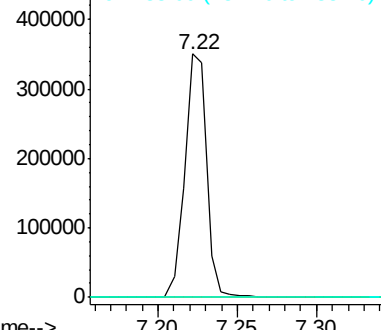
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

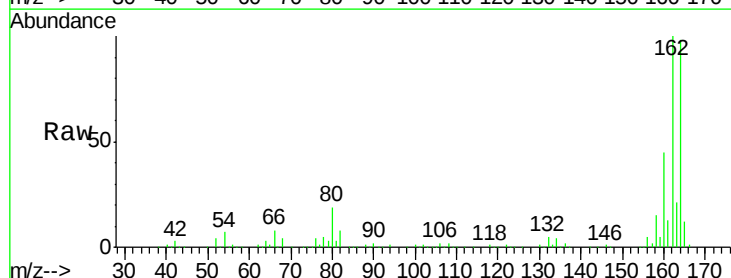
Tgt Ion:164 Resp: 274423

Ion Ratio Lower Upper

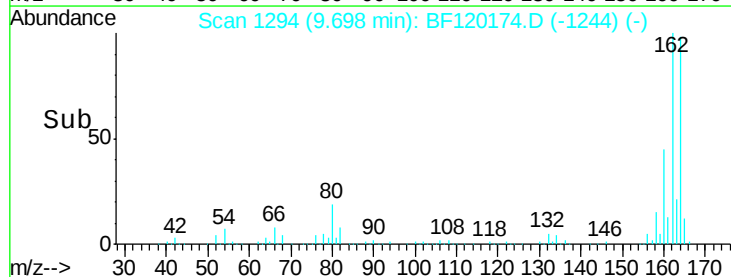
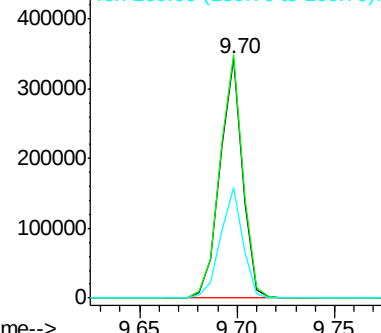
164 100

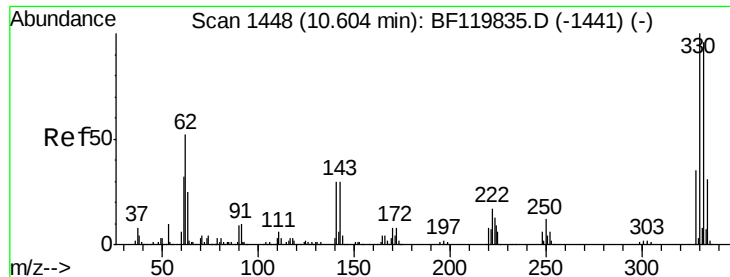
162 101.7 80.6 121.0

160 46.1 35.7 53.5



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

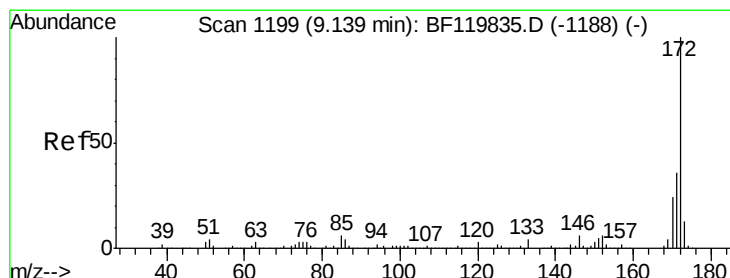
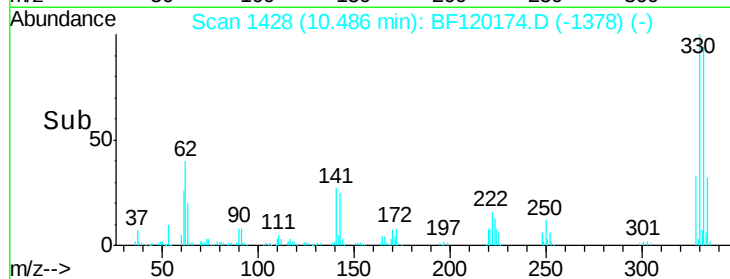
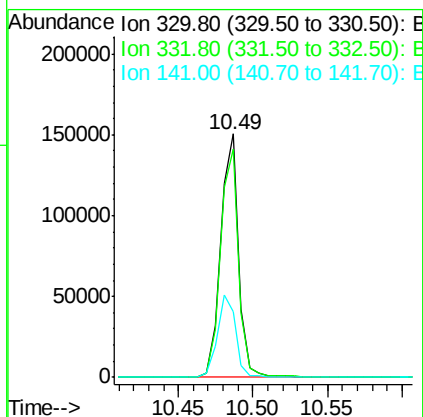
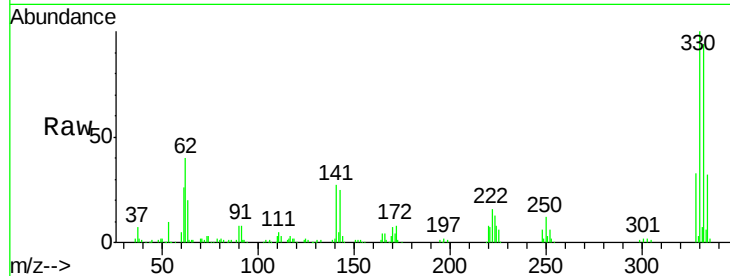




#42
 2,4,6-Tribromophenol
 Concen: 37.805 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120174.D
 Acq: 23 Apr 2020 20:06

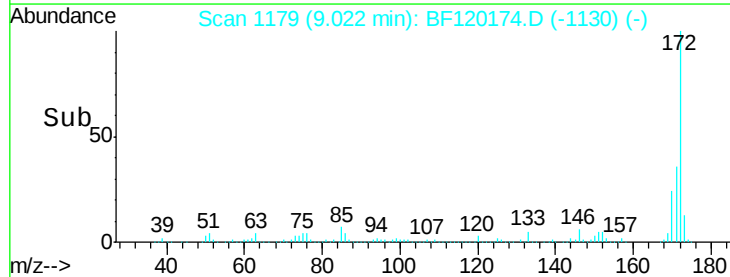
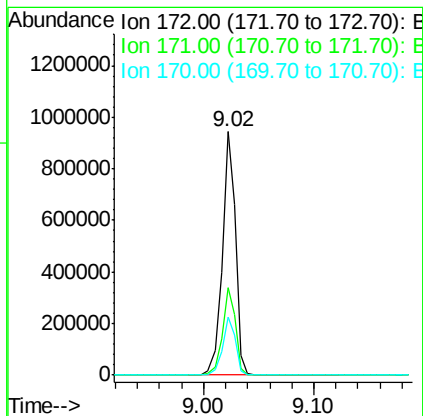
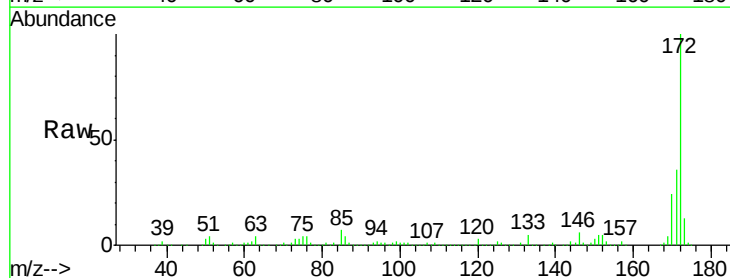
Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE WALL

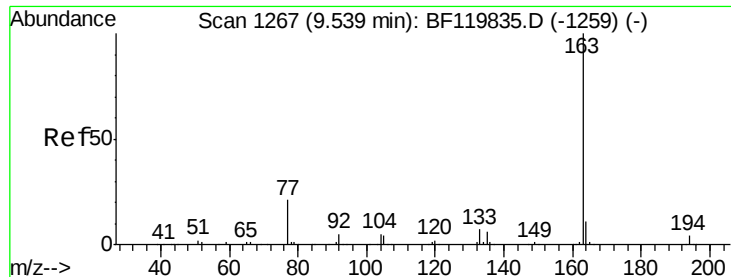
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	34.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 40.295 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF120174.D
 Acq: 23 Apr 2020 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	20.2	30.2





#50

Dimethylphthalate

Concen: 5.587 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Instrument :

BNA_F

ClientSampleId :

OUTSIDE WALL

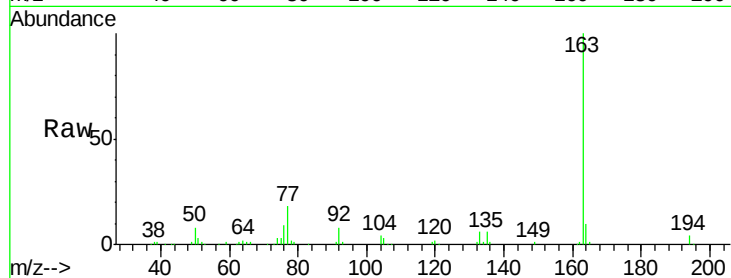
Tot Ion:163 Resp: 118599

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

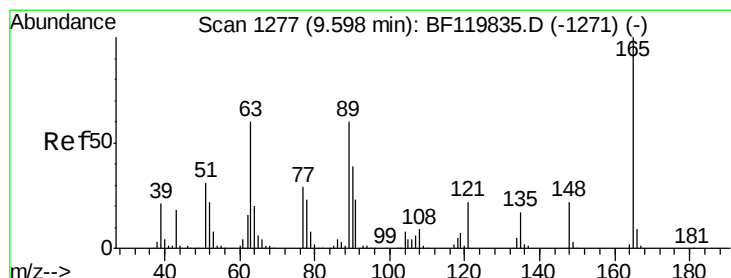
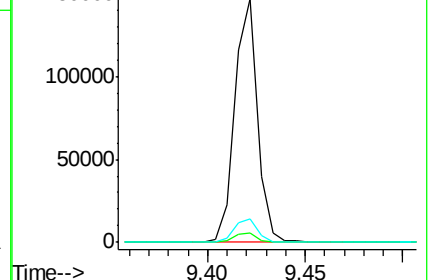
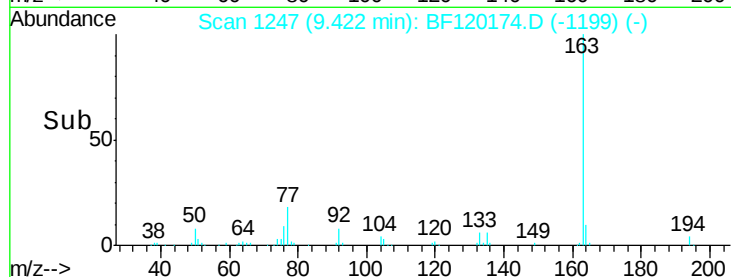
164 9.9 8.2 12.2



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: 7.252 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

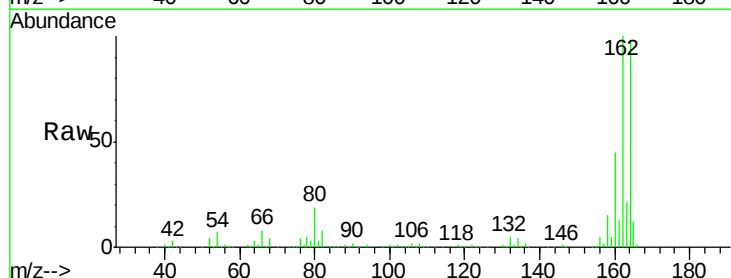
Tgt Ion:165 Resp: 33709

Ion Ratio Lower Upper

165 100

63 1.7 45.0 67.4#

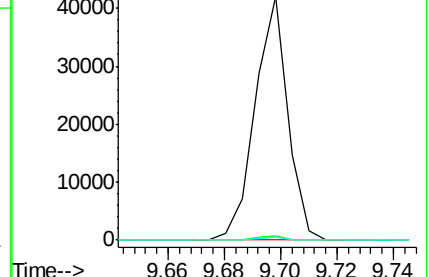
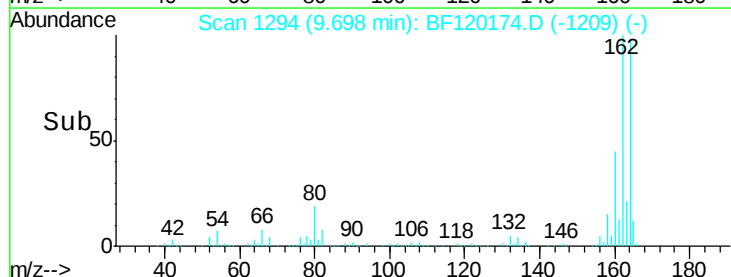
89 1.4 41.5 62.3#

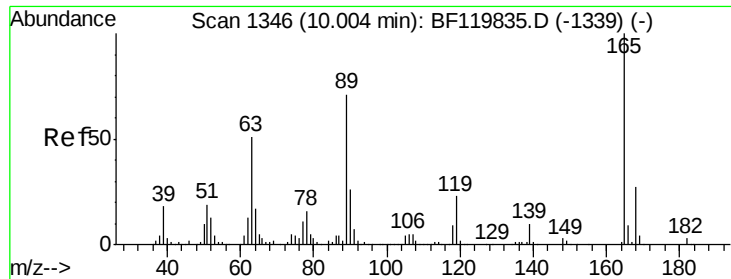


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

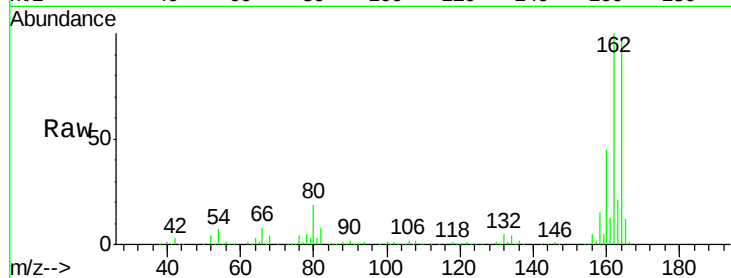




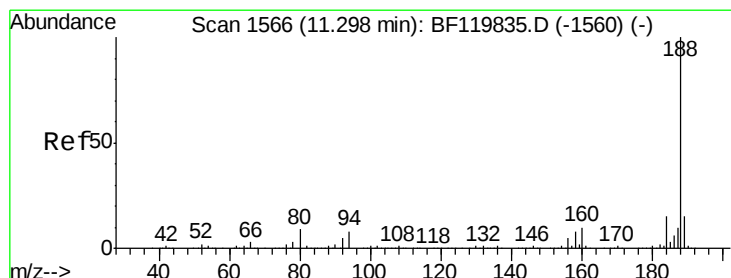
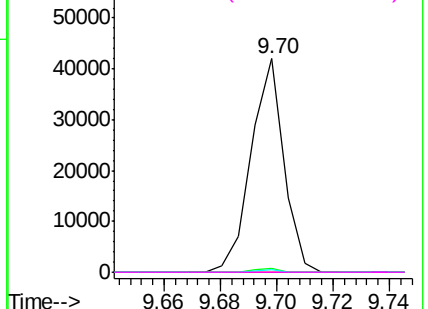
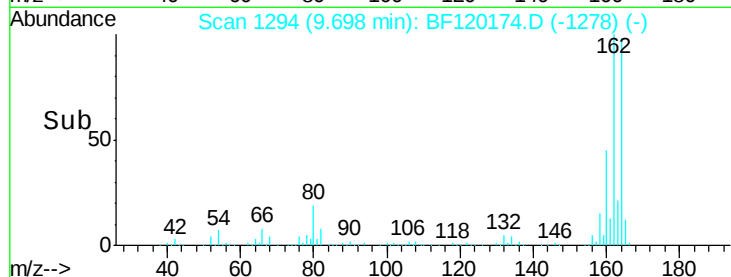
#57
 2,4-Dinitrotoluene
 Concen: 5.504 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120174.D
 Acq: 23 Apr 2020 20:06

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE WALL

Tot Ion:165 Resp: 33709
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.6 64.0#
 89 1.4 61.0 91.4#
 182 0.0 2.2 3.2#

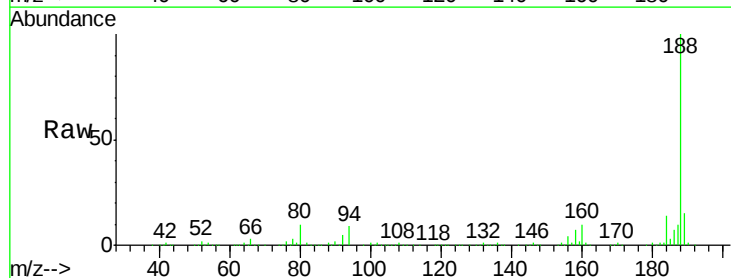


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

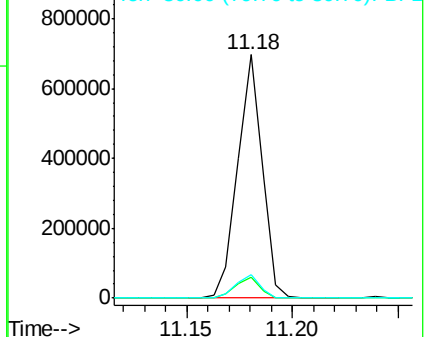
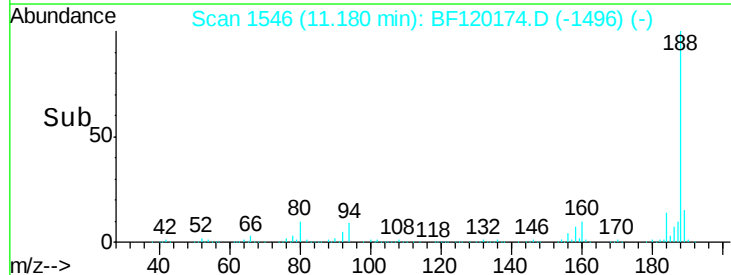


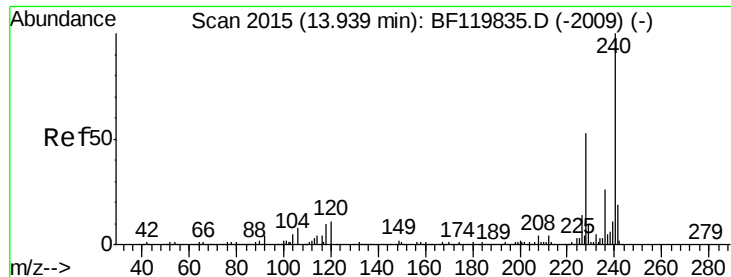
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120174.D
 Acq: 23 Apr 2020 20:06

Tgt Ion:188 Resp: 557147
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 9.6 9.0 13.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

Instrument :

BNA_F

ClientSampleId :

OUTSIDE WALL

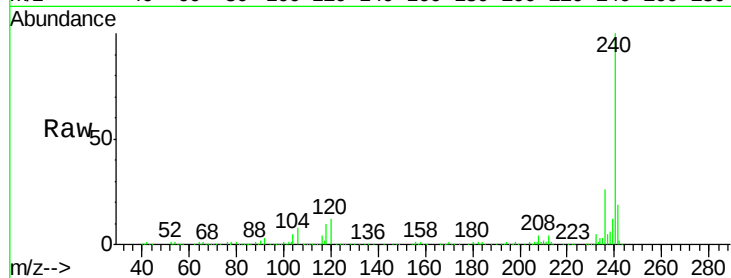
Tot Ion:240 Resp: 437258

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.6	15.8
236	25.9	20.2	30.2

240 100

120 11.6 10.6 15.8

236 25.9 20.2 30.2



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

600000

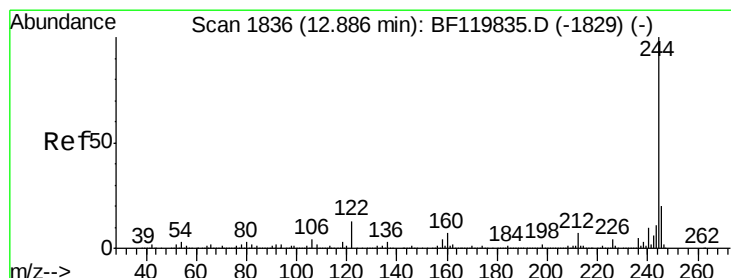
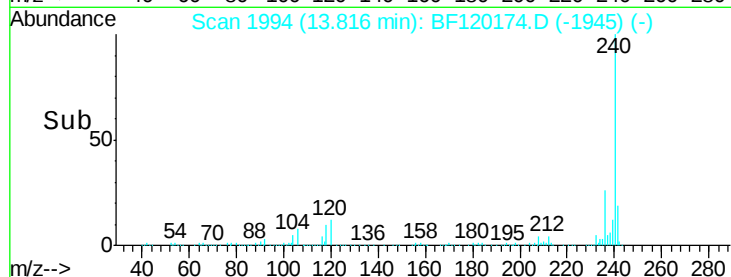
400000

200000

0

13.82

13.75 13.80 13.85 13.90



#79

Terphenyl-d14

Concen: 38.704 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120174.D

Acq: 23 Apr 2020 20:06

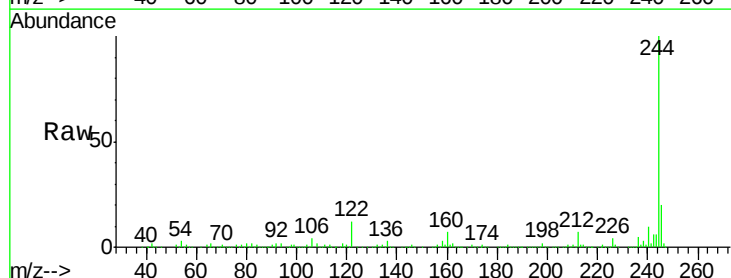
Tgt Ion:244 Resp: 1005764

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	10.3	15.5

244 100

212 6.8 5.8 8.8

122 12.5 10.3 15.5



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

1500000

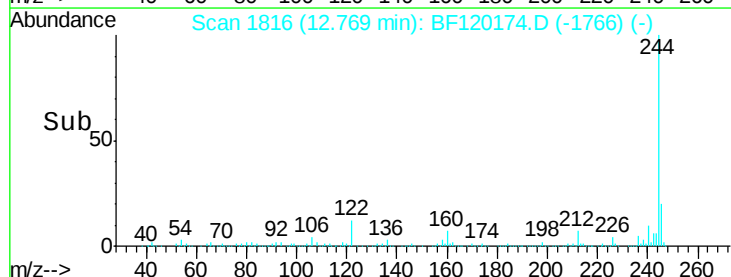
1000000

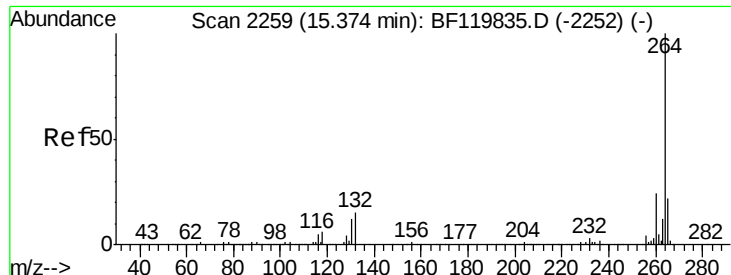
500000

0

12.77

12.70 12.80 12.90





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120174.D
 Acq: 23 Apr 2020 20:06

Instrument :
 BNA_F
 ClientSampleId :
 OUTSIDE WALL

Tot Ion:264	Resp:	391512
Ion	Ratio	Lower Upper
264	100	
260	24.0	18.7 28.1
265	21.0	17.7 26.5

