

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120554.D
 Acq On : 5 Jun 2020 12:16
 Operator : JU/CG
 Sample : PB129254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Quant Time: Jun 05 15:33:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

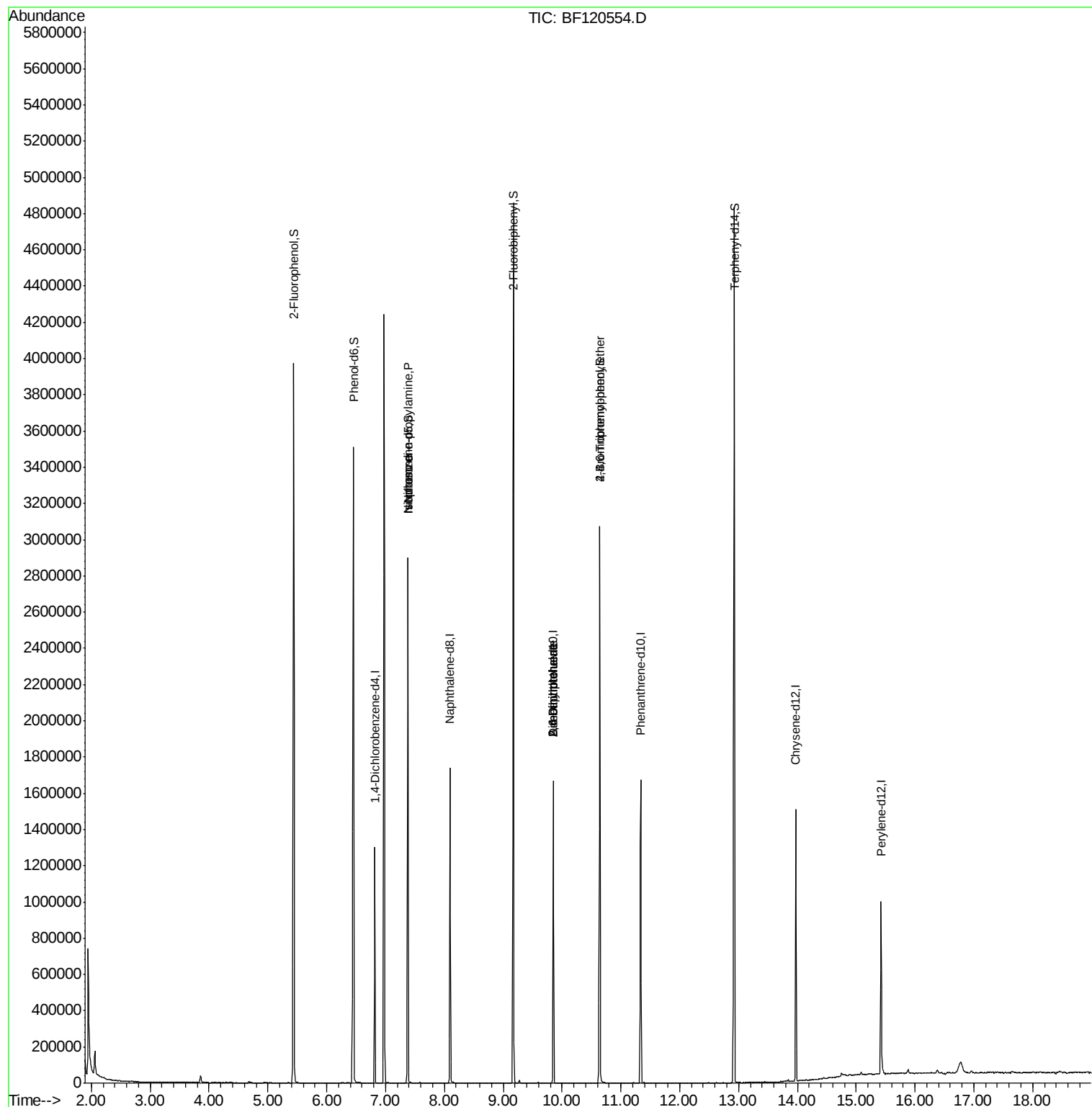
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	177346	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	725931	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	316273	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	610949	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	492024	20.00	ng	-0.03
86) Perylene-d12	15.43	264	457044	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1252939	134.64	ng	0.00
7) Phenol-d6	6.46	99	1501602	130.91	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1005987	90.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	434294	148.20	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1665211	89.33	ng	-0.02
79) Terphenyl-d14	12.93	244	1958597	88.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	133341	18.288	ng	# 78
25) Isophorone	7.38	82	1005702	45.089	ng	# 63
50) Dimethylphthalate	9.85	163	67550	3.416	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	40985	9.327	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	40985	7.288	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	25084	4.067	ng	# 1

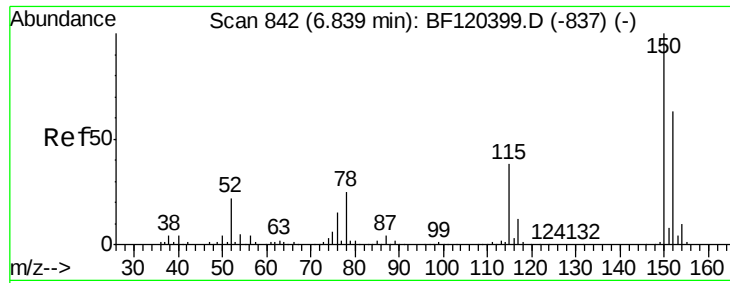
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120554.D
Acq On : 5 Jun 2020 12:16
Operator : JU/CG
Sample : PB129254BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Quant Time: Jun 05 15:33:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 16:38:34 2020
Response via : Initial Calibration



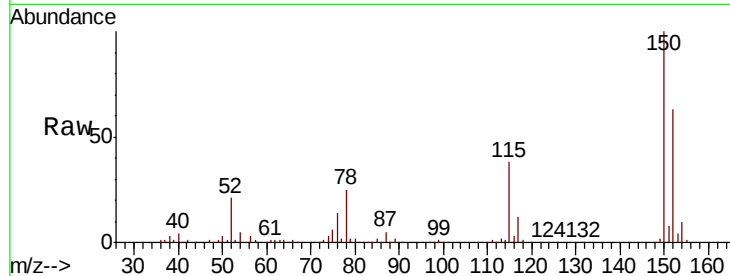


#1

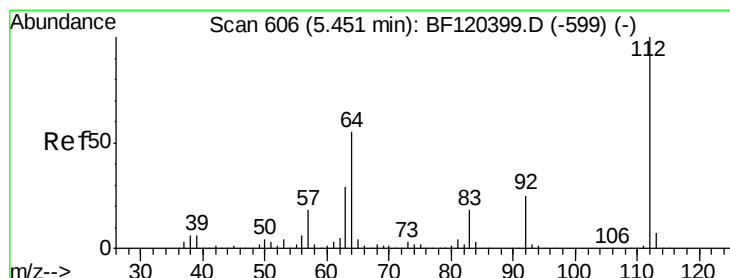
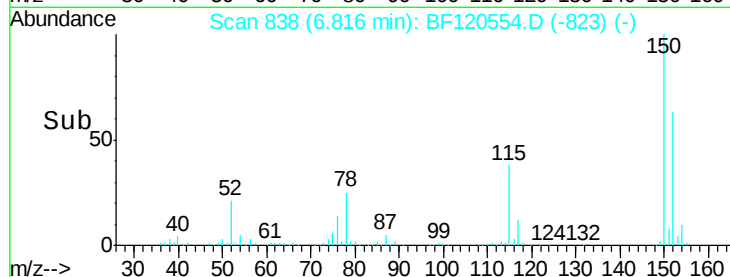
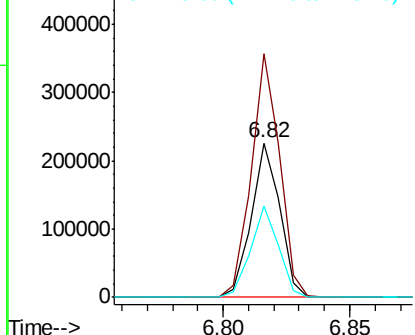
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion:152 Resp: 177346
Ion Ratio Lower Upper
152 100
150 157.6 126.3 189.5
115 59.1 48.1 72.1



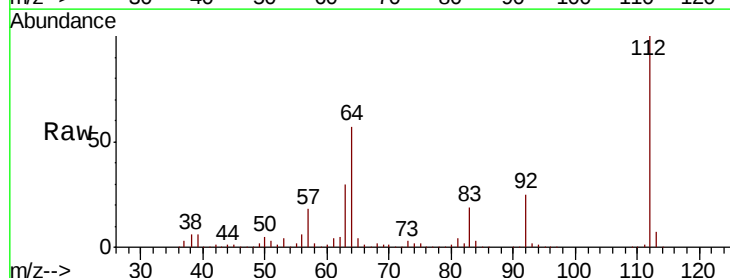
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



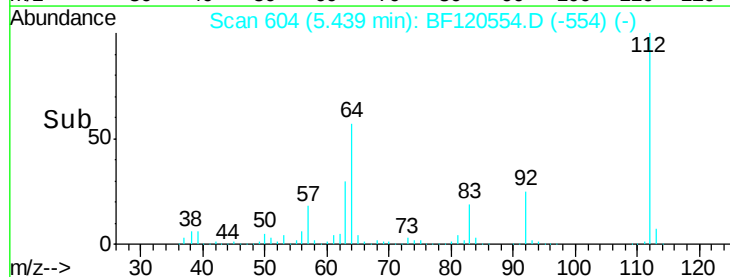
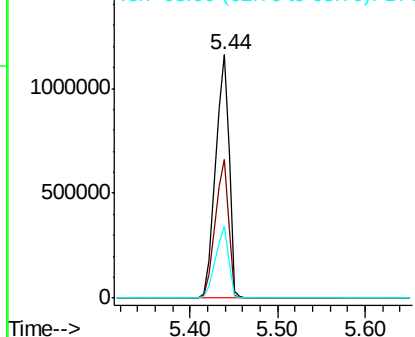
#5

2-Fluorophenol
Concen: 134.640 ng
RT: 5.44 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Tgt Ion:112 Resp: 1252939
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 29.7 24.7 37.1



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: 130.914 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

BNA_F

ClientSampleId :

PB129254BL

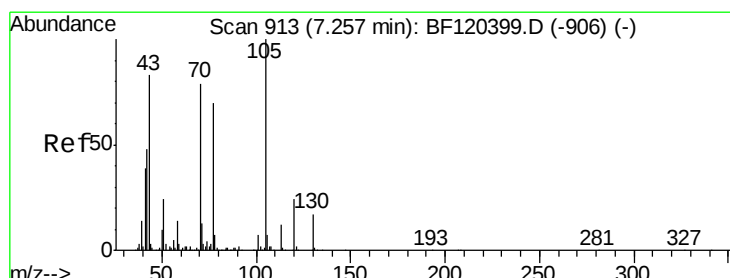
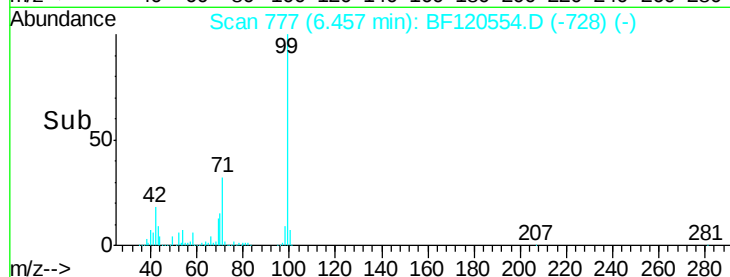
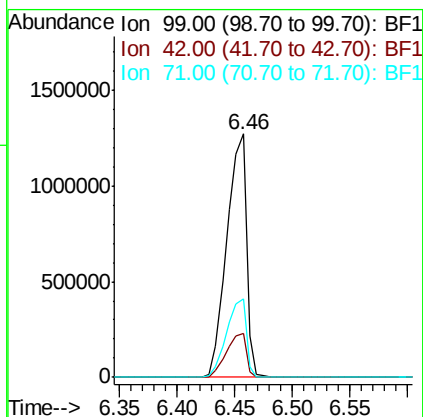
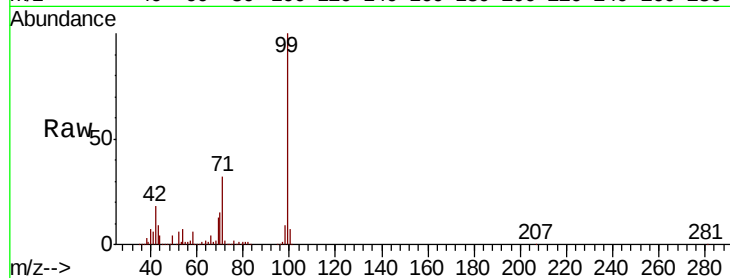
Tot Ion: 99 Resp: 1501602

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.6

71 32.4 27.0 40.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.288 ng

RT: 7.38 min Scan# 934

Delta R.T. 0.13 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Tgt Ion: 70 Resp: 133341

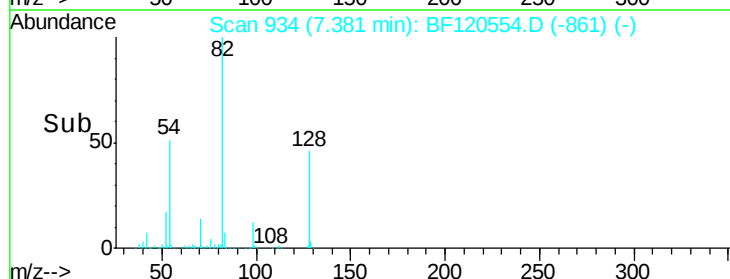
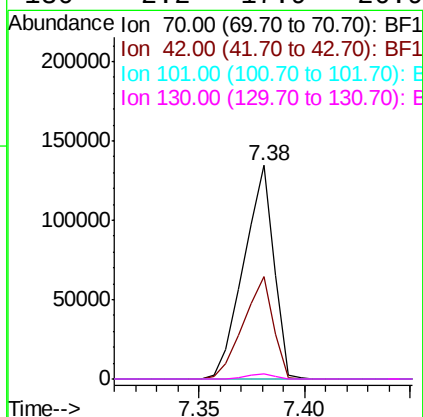
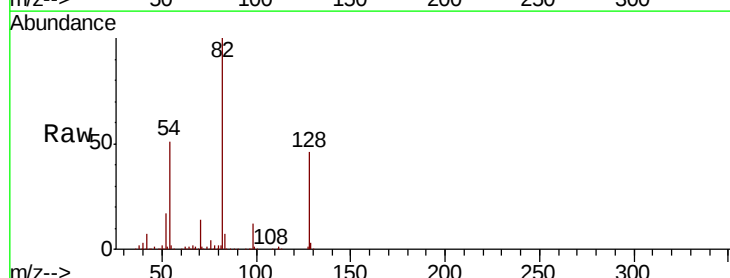
Ion Ratio Lower Upper

70 100

42 48.2 47.0 70.4

101 0.0 7.8 11.8#

130 2.2 17.9 26.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

BNA_F

ClientSampleId :

PB129254BL

Tot Ion:136 Resp: 725931

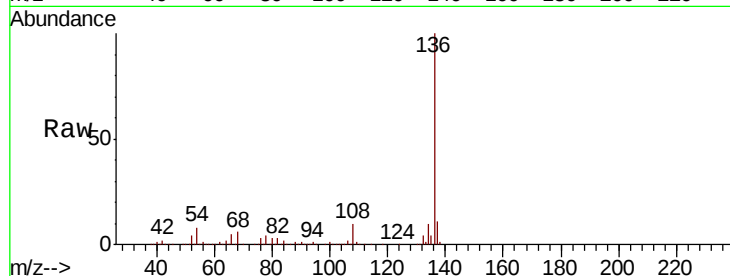
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.5 5.4 8.0

68 6.1 4.3 6.5

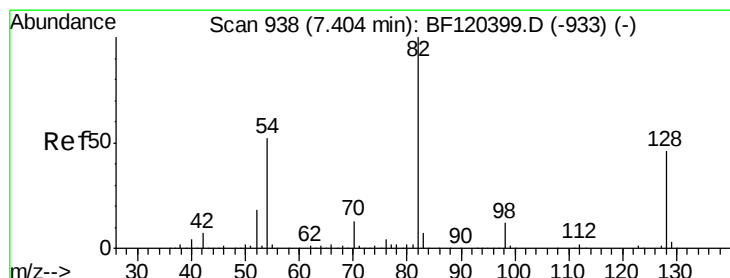
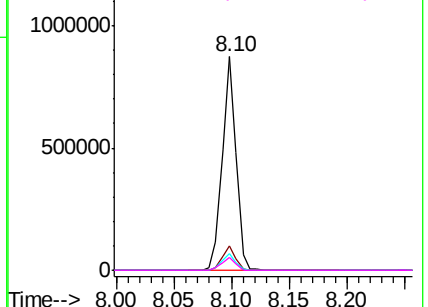
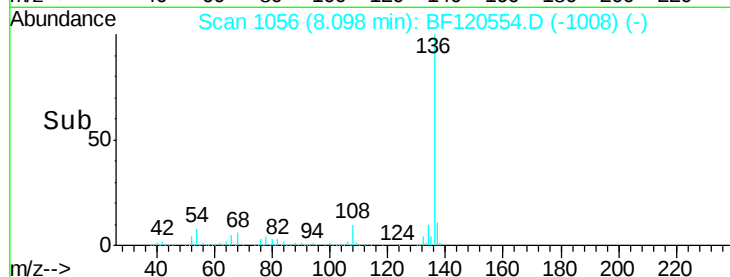


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.649 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

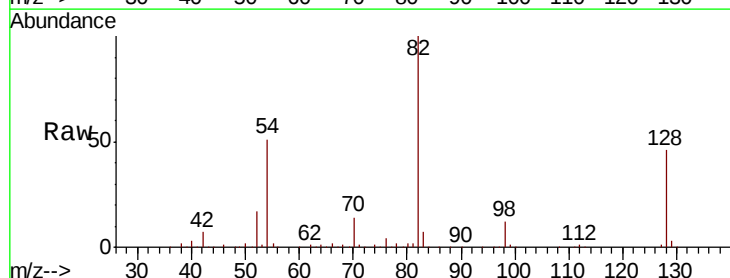
Tgt Ion: 82 Resp: 1005987

Ion Ratio Lower Upper

82 100

128 45.6 36.7 55.1

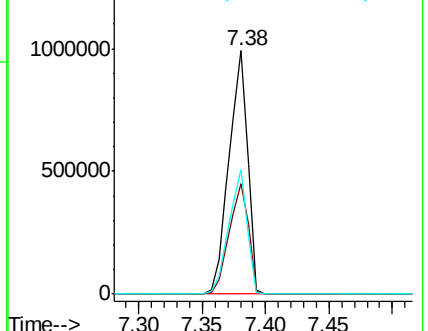
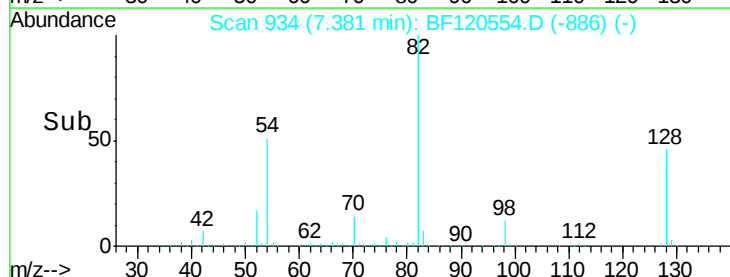
54 51.0 40.0 60.0



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

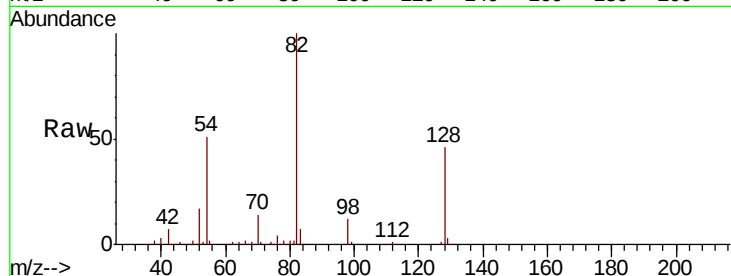




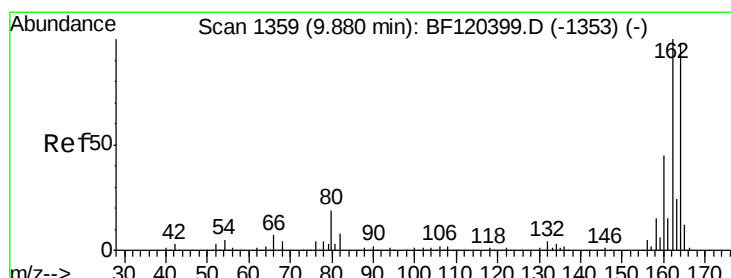
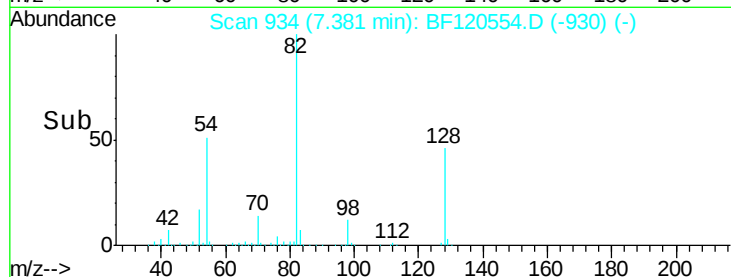
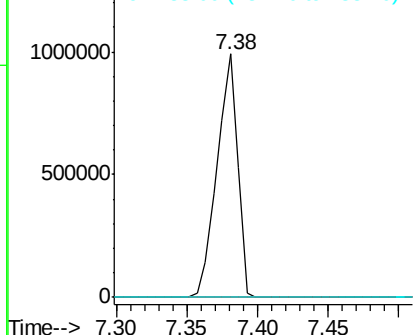
#25
Isophorone
Concen: 45.089 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.28 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion: 82 Resp: 1005702
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 15.6 23.4#

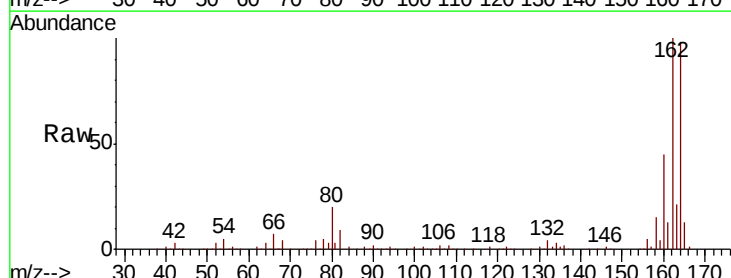


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

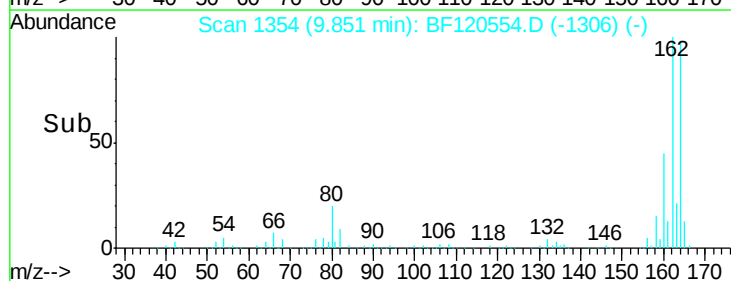
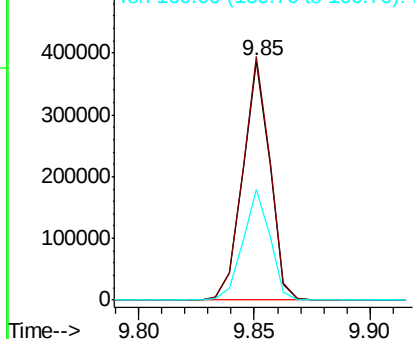


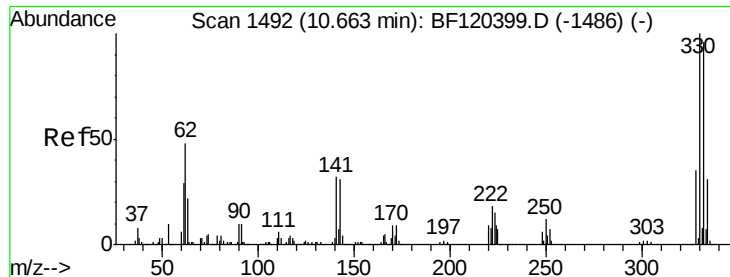
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Tgt Ion:164 Resp: 316273
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 46.2 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

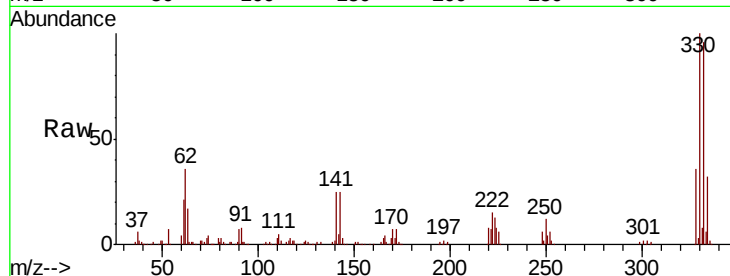




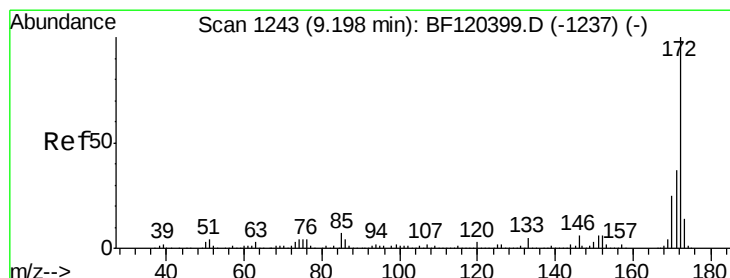
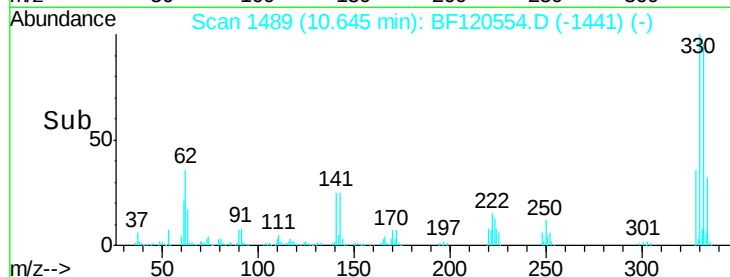
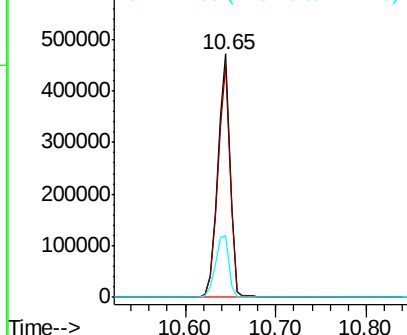
#42
 2,4,6-Tribromophenol
 Concen: 148.203 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion:330 Resp: 434294
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.4
 141 28.3 23.8 35.8

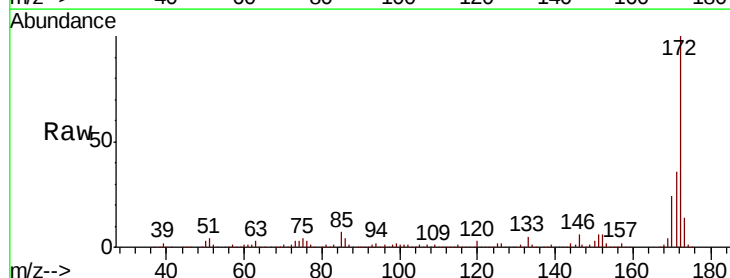


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

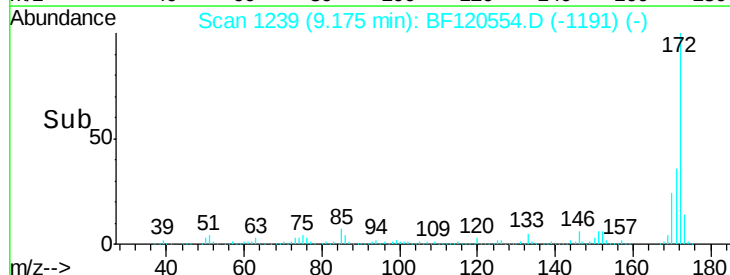
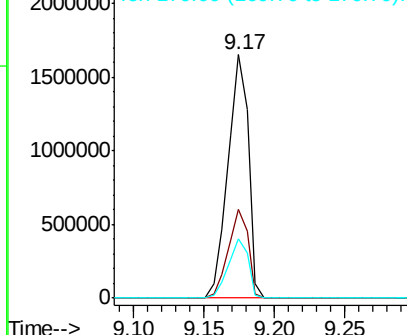


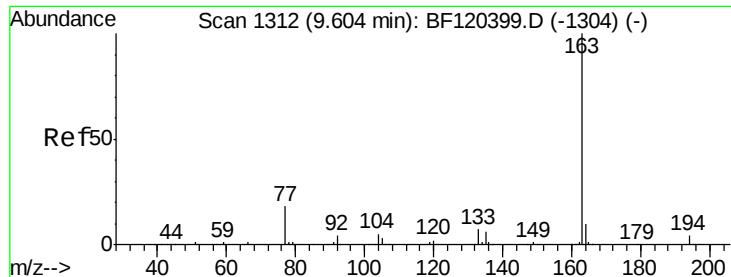
#45
 2-Fluorobiphenyl
 Concen: 89.333 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Tgt Ion:172 Resp: 1665211
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.5 44.3
 170 24.3 19.8 29.6



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: 3.416 ng

RT: 9.85 min Scan# 1354

Delta R.T. 0.25 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

BNA_F

ClientSampleId :

PB129254BL

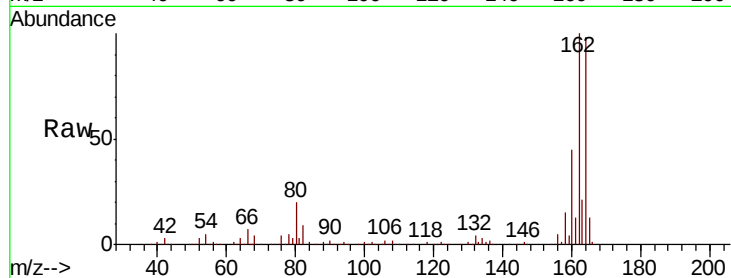
Tot Ion:163 Resp: 67550

Ion Ratio Lower Upper

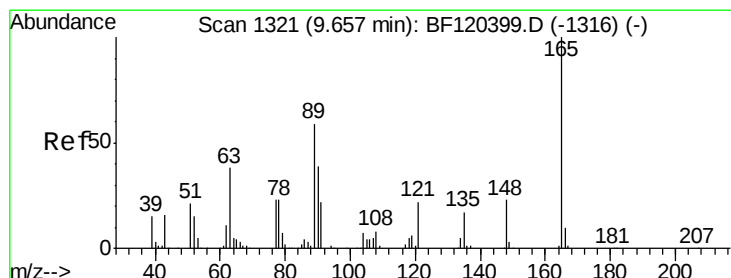
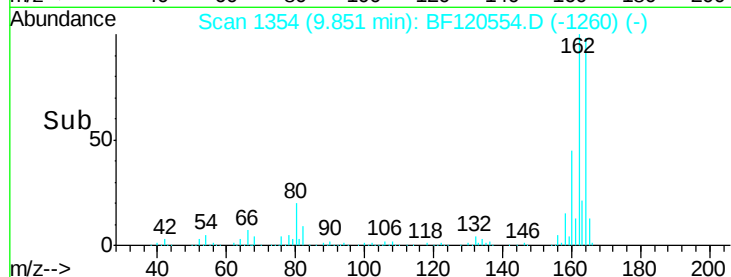
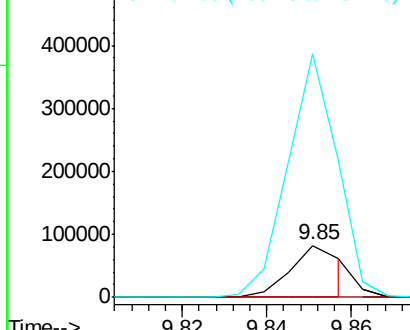
163 100

194 0.0 3.1 4.7#

164 468.5 8.0 12.0#



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: 9.327 ng

RT: 9.85 min Scan# 1354

Delta R.T. 0.19 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

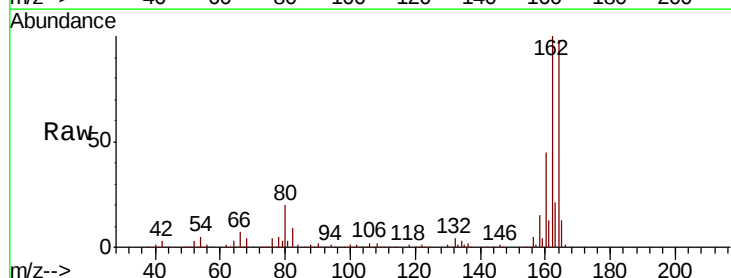
Tgt Ion:165 Resp: 40985

Ion Ratio Lower Upper

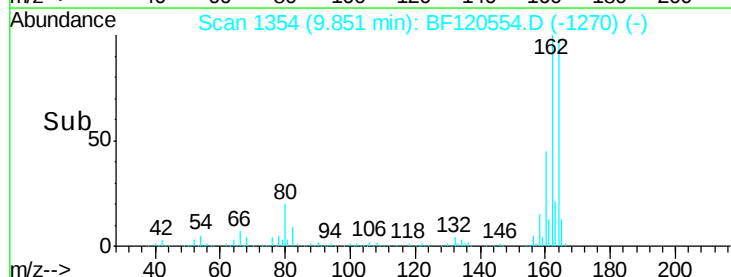
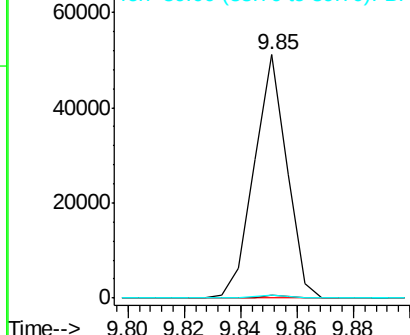
165 100

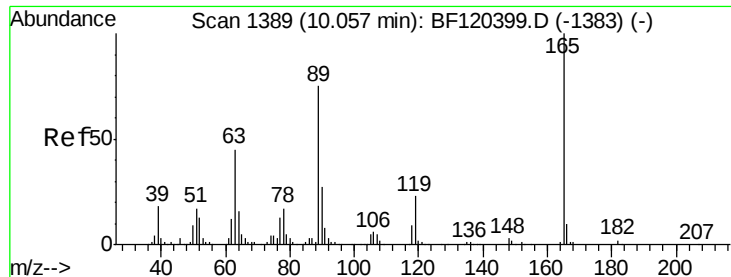
63 1.1 39.8 59.8#

89 1.2 41.0 61.4#



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

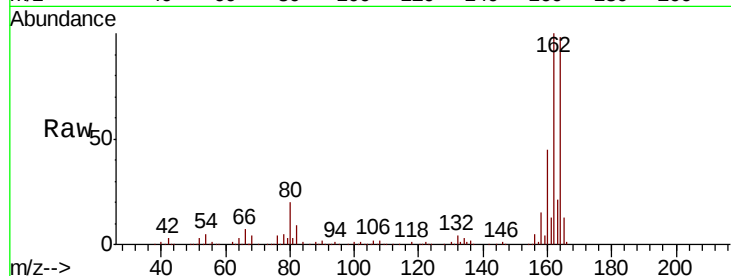




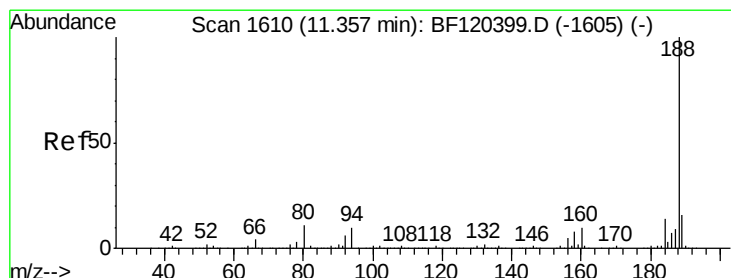
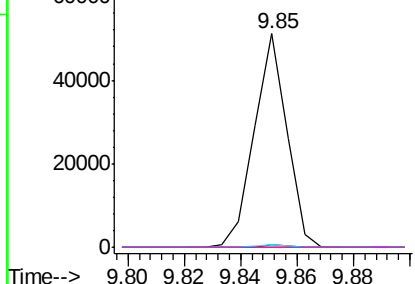
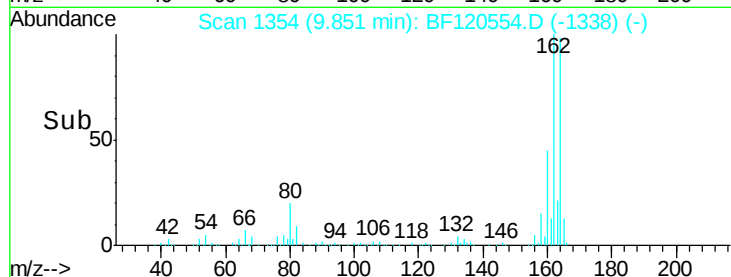
#57
 2,4-Dinitrotoluene
 Concen: 7.288 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.21 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion:165	Resp:	40985
Ion Ratio	Lower	Upper
165	100	
63	1.1	34.1 51.1#
89	1.2	56.2 84.4#
182	0.0	2.0 3.0#

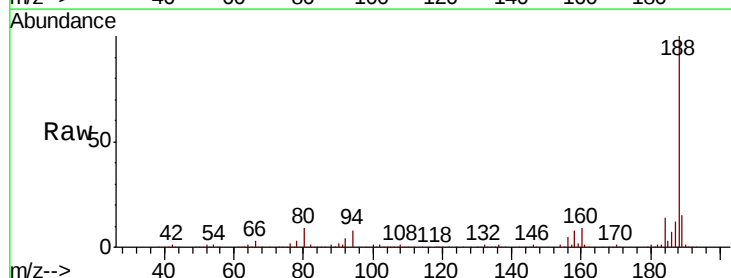


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

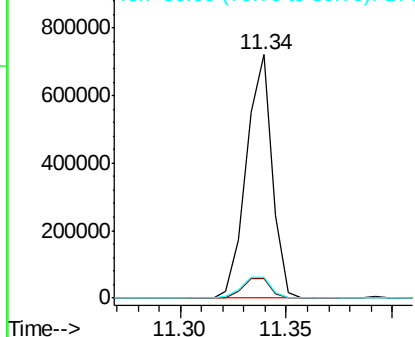
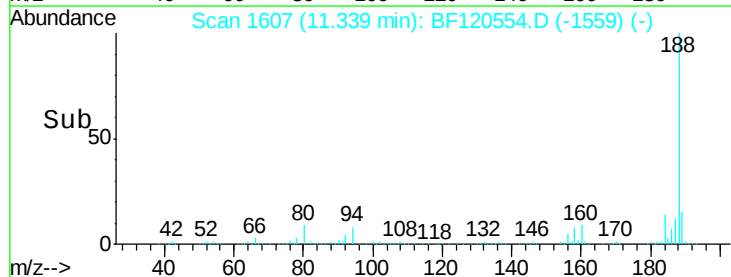


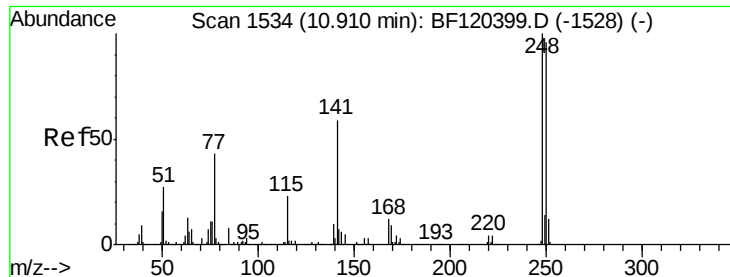
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Tgt Ion:188	Resp:	610949
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.4 11.2
80	8.7	7.6 11.4



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

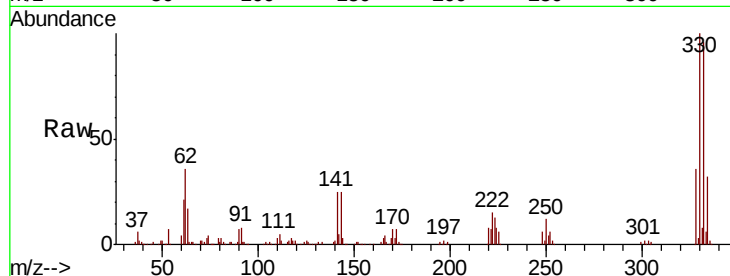




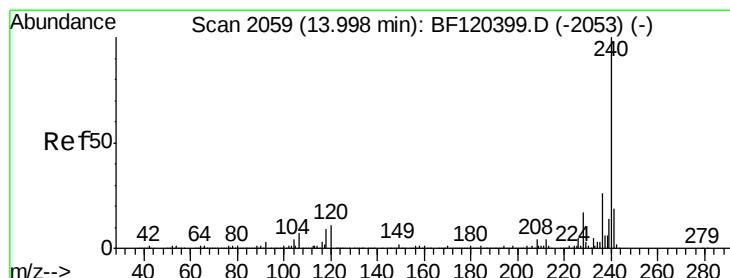
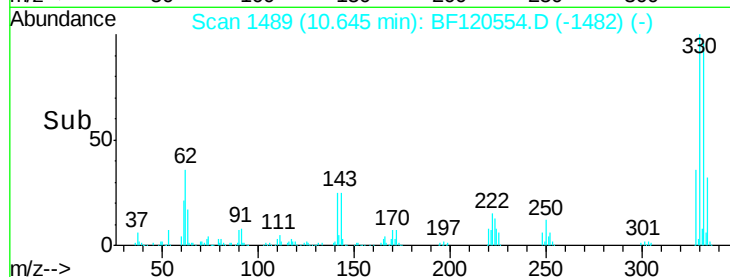
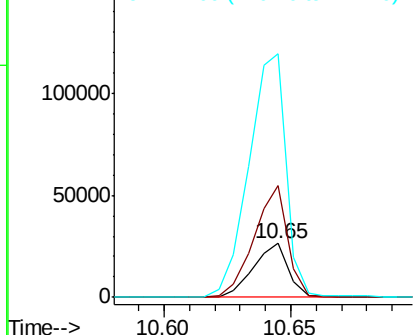
#67
4-Bromophenyl-phenylether
Concen: 4.067 ng
RT: 10.65 min Scan# 1489
Delta R.T. -0.26 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion:248 Resp: 25084
Ion Ratio Lower Upper
248 100
250 206.4 77.4 116.0#
141 451.7 46.1 69.1#

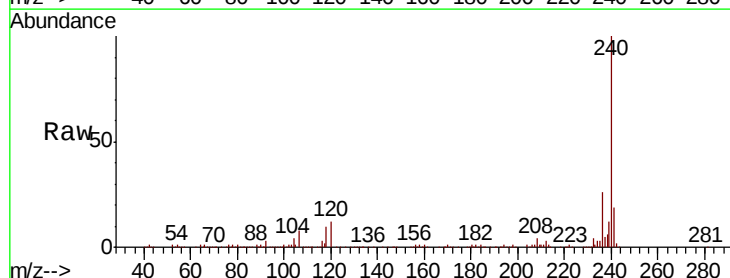


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

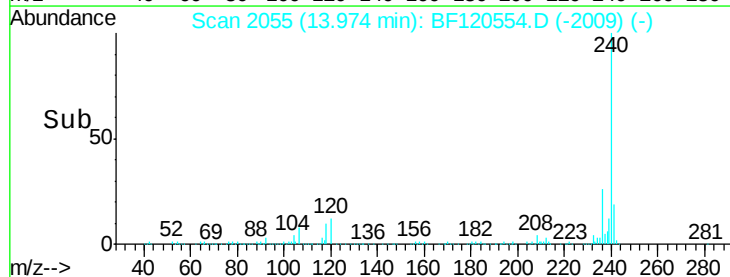
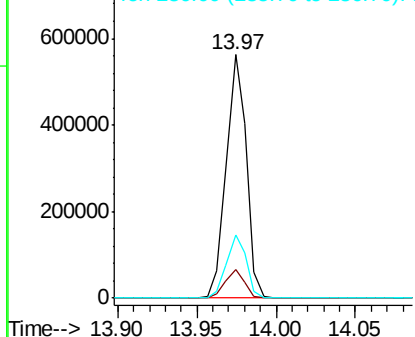


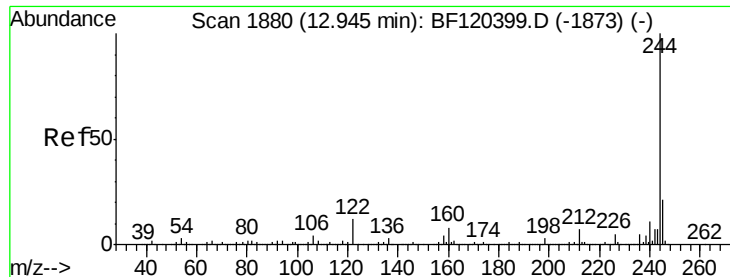
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Tgt Ion:240 Resp: 492024
Ion Ratio Lower Upper
240 100
120 11.8 7.7 11.5#
236 26.0 20.8 31.2



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





#79

Terphenyl-d14

Concen: 88.580 ng

RT: 12.93 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

BNA_F

ClientSampleId :

PB129254BL

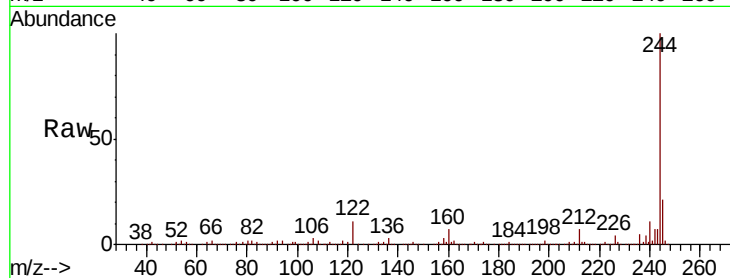
Tot Ion:244 Resp: 1958597

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

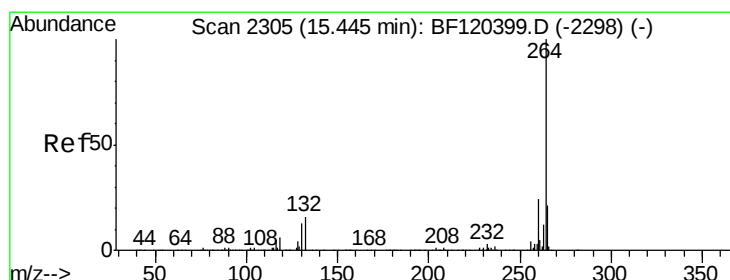
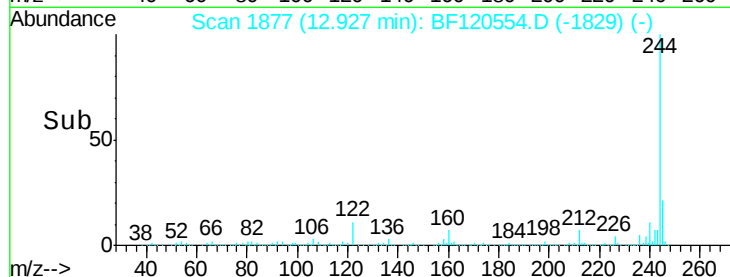
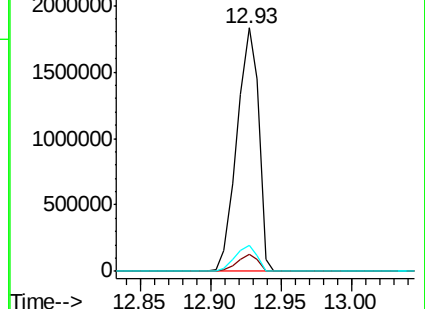
122 10.8 8.0 12.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

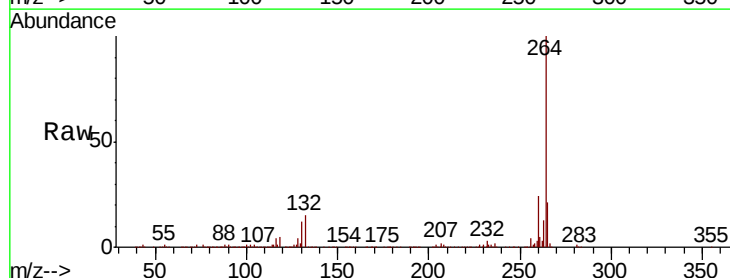
Tgt Ion:264 Resp: 457044

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 17.5 26.3



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

