

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120055.D
 Acq On : 17 Apr 2020 13:26
 Operator : MA/SJ
 Sample : L2244-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Quant Time: Apr 17 14:10:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

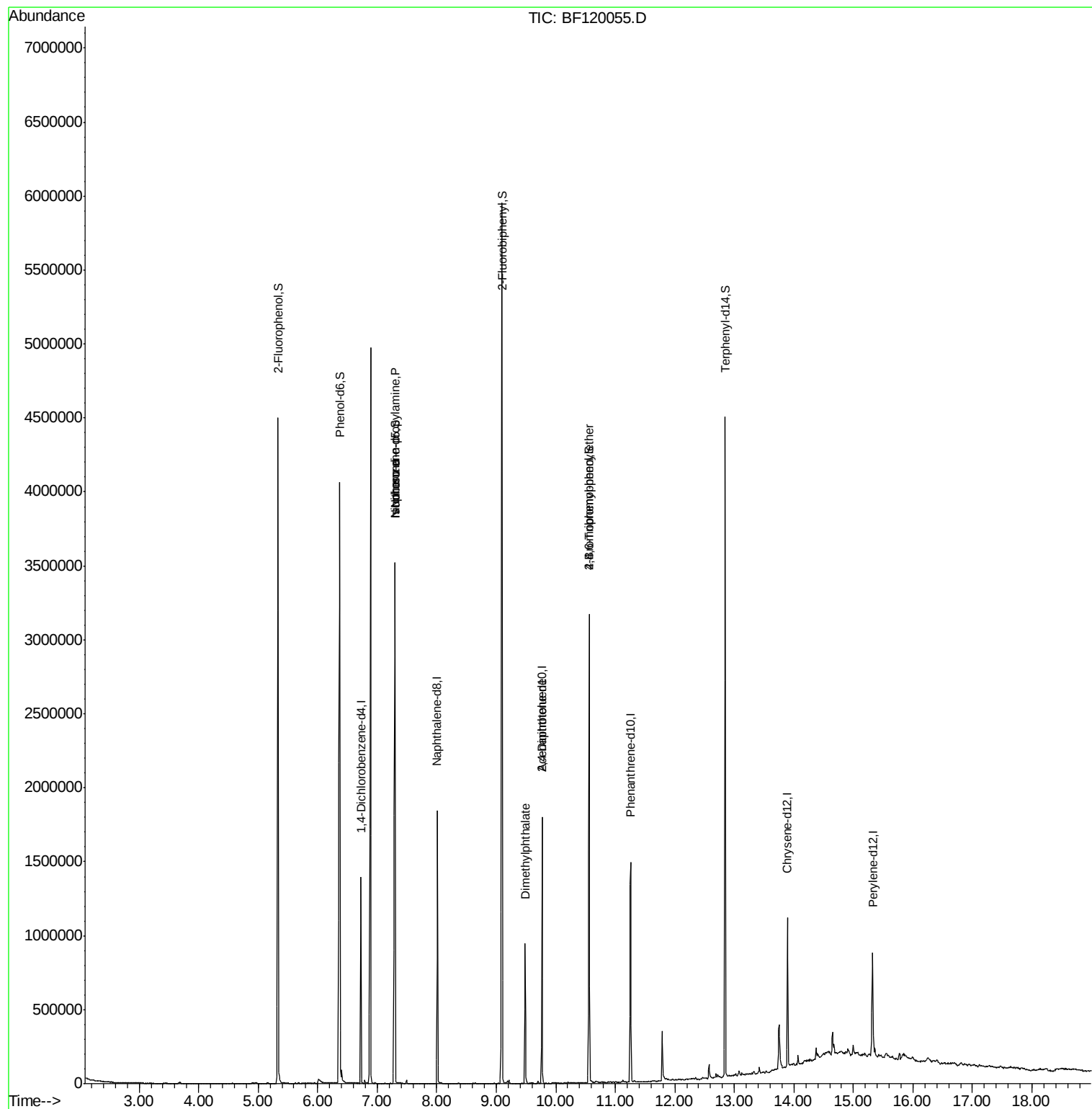
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193601	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	717279	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	319558	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	559211	20.00	ng	0.00
76) Chrysene-d12	13.89	240	335777	20.00	ng	-0.01
87) Perylene-d12	15.32	264	315606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1449292	129.37	ng	0.01
7) Phenol-d6	6.37	99	1861456	128.95	ng	0.00
23) Nitrobenzene-d5	7.30	82	1166965	84.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	394845	100.92	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2097172	93.18	ng	0.00
79) Terphenyl-d14	12.84	244	1662993	83.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2819	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	154007	16.591	ng	# 76
25) Isophorone	7.30	82	1154926	43.211	ng	# 65
50) Dimethylphthalate	9.49	163	331883	13.427	ng	# 98
57) 2,4-Dinitrotoluene	9.77	165	41004	5.750	ng	# 22
67) 4-Bromophenyl-phenylether	10.56	248	25301	3.638	ng	# 1

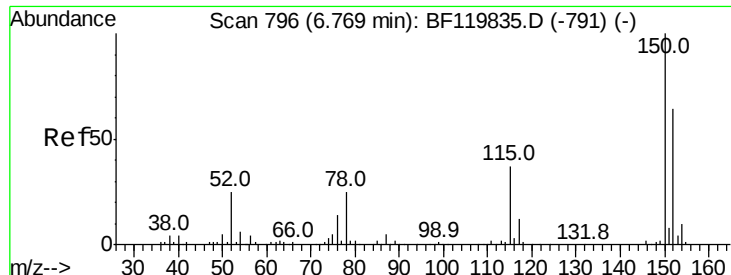
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



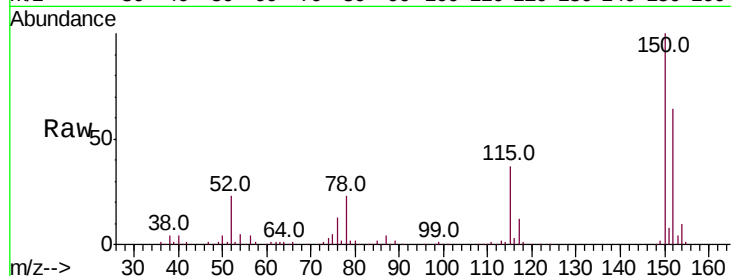


#1

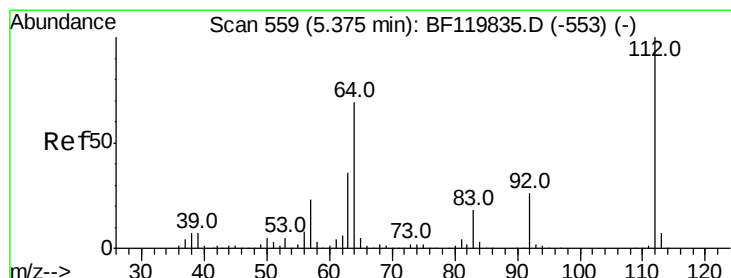
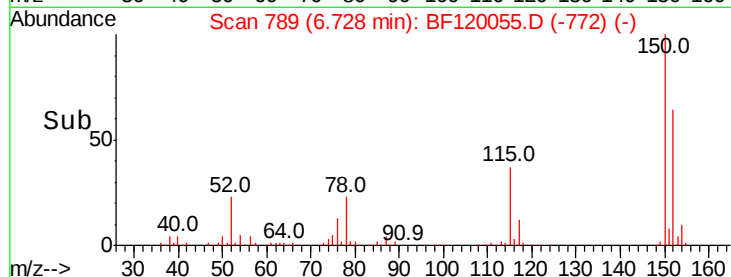
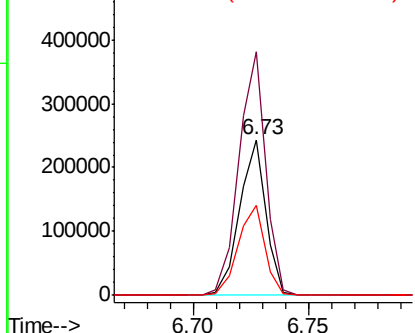
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:152 Resp: 193601
Ion Ratio Lower Upper
152 100
150 156.3 124.8 187.2
115 57.5 46.5 69.7



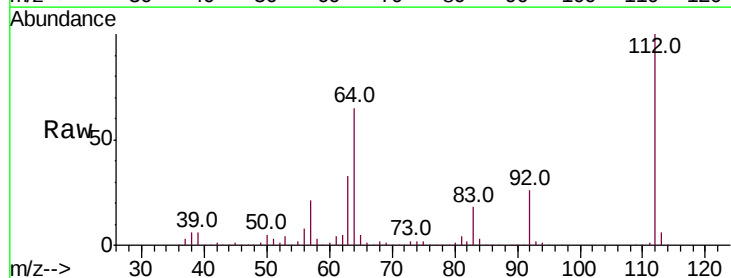
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



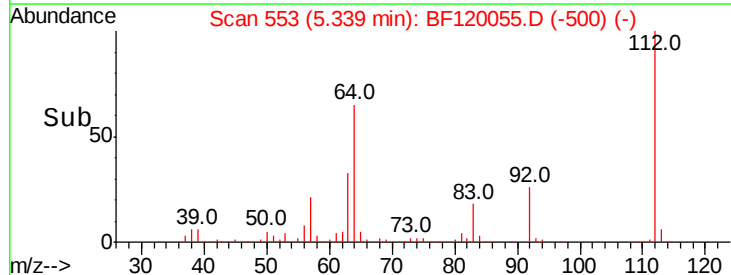
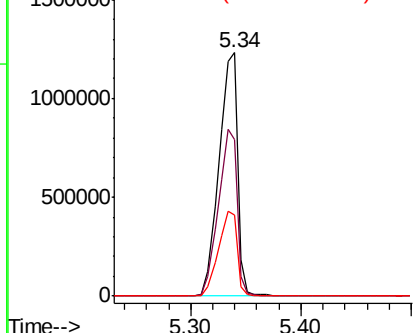
#5

2-Fluorophenol
Concen: 129.371 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Tgt Ion:112 Resp: 1449292
Ion Ratio Lower Upper
112 100
64 64.6 55.5 83.3
63 33.1 29.1 43.7



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: 128.954 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

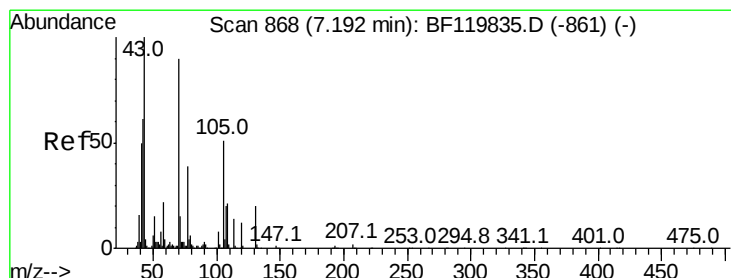
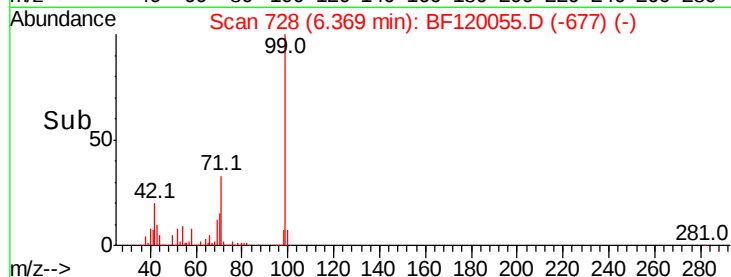
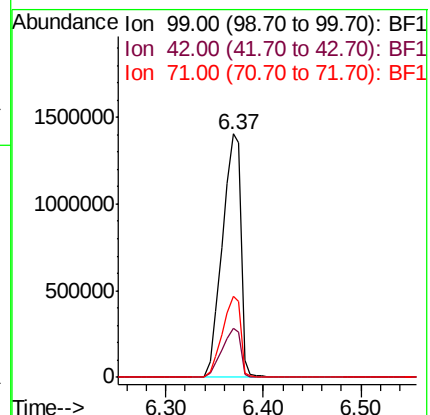
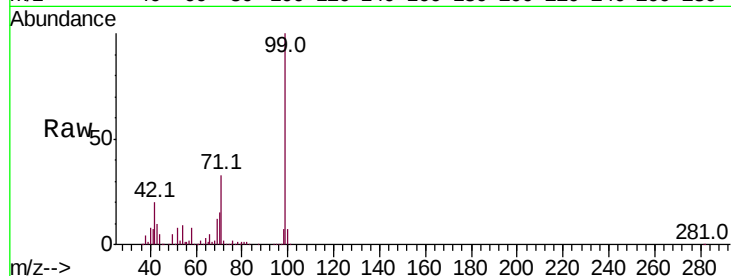
Tot Ion: 99 Resp: 1861456

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

71 33.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.591 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Tgt Ion: 70 Resp: 154007

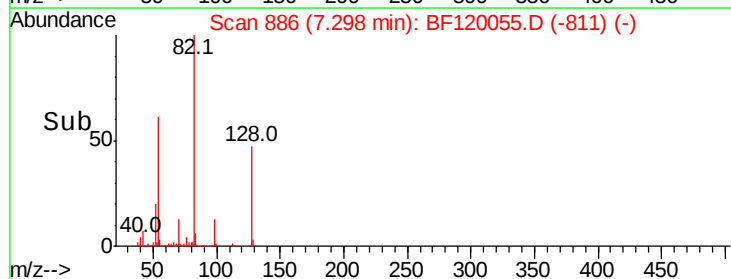
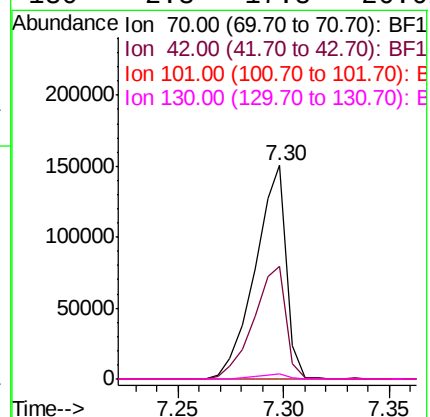
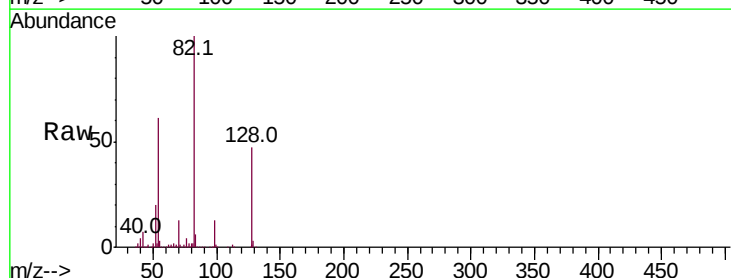
Ion Ratio Lower Upper

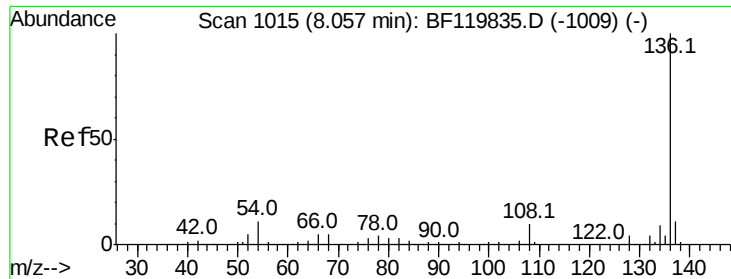
70 100

42 53.0 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

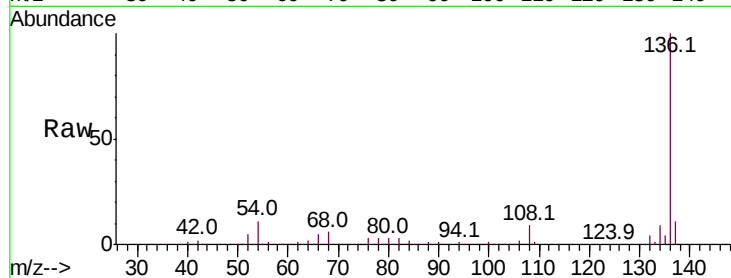




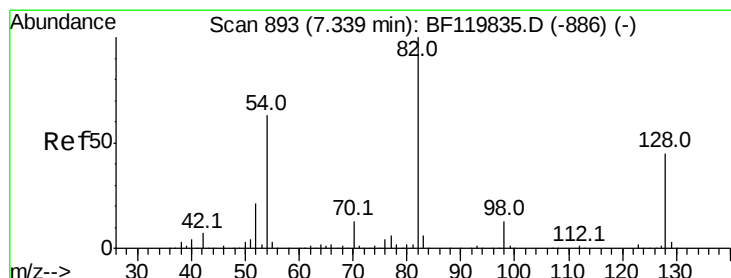
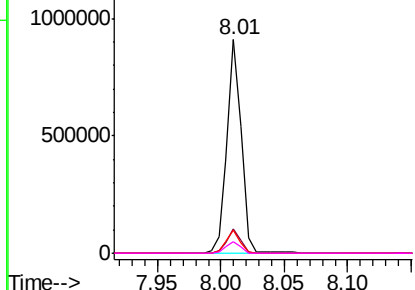
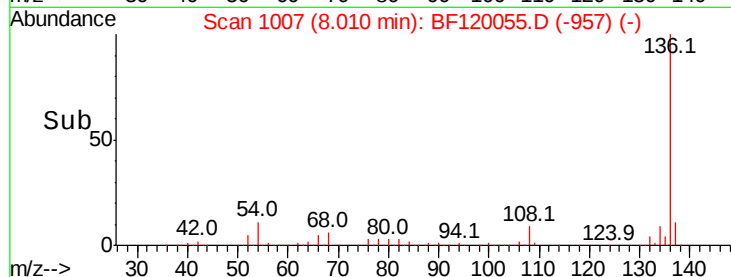
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:136	Resp:	717279
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 10.5	8.5	12.7
68 5.6	3.9	5.9

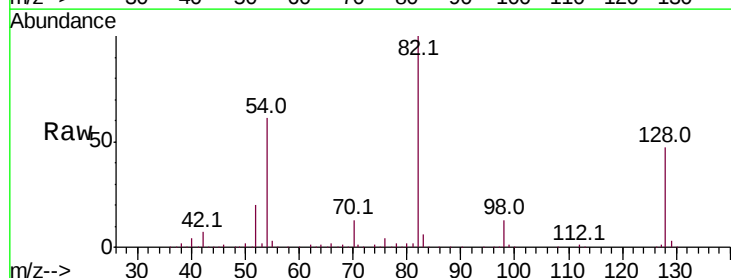


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

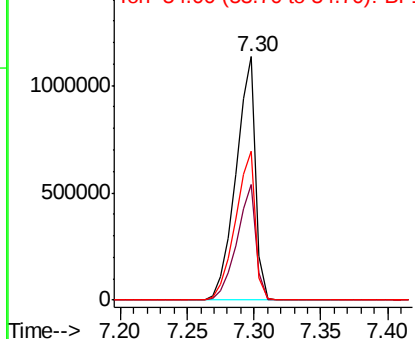
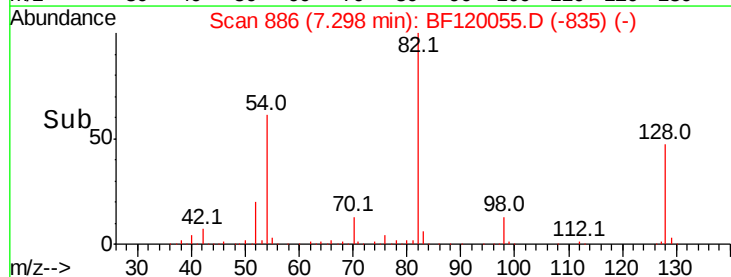


#23
Nitrobenzene-d5
Concen: 84.167 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Tgt	Ion: 82	Resp: 1166965	
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.2	54.4
54	61.3	50.4	75.6



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: 43.211 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

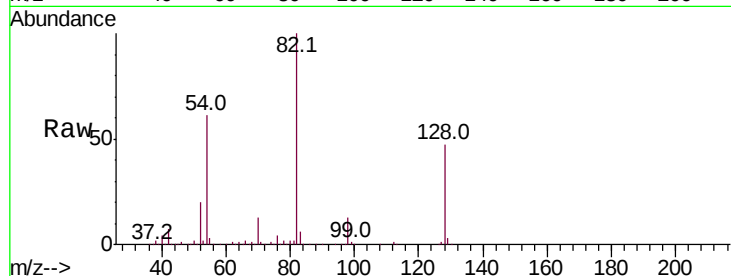
Tot Ion: 82 Resp: 1154926

Ion Ratio Lower Upper

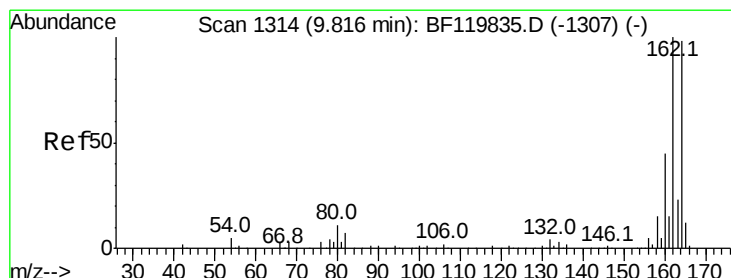
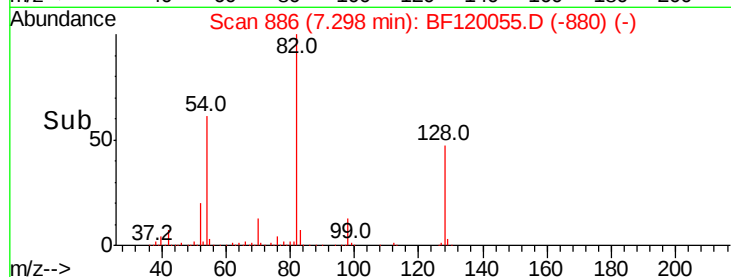
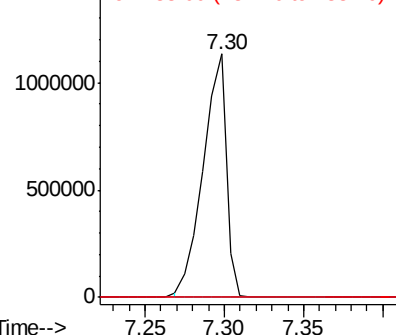
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

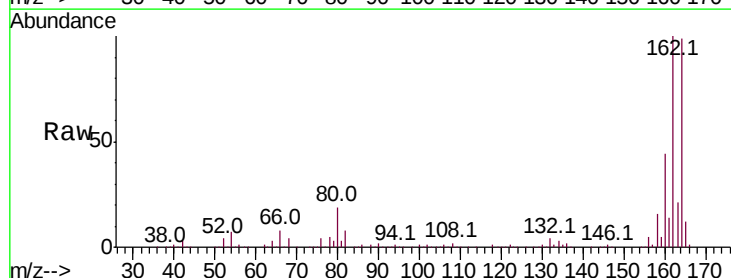
Tgt Ion:164 Resp: 319558

Ion Ratio Lower Upper

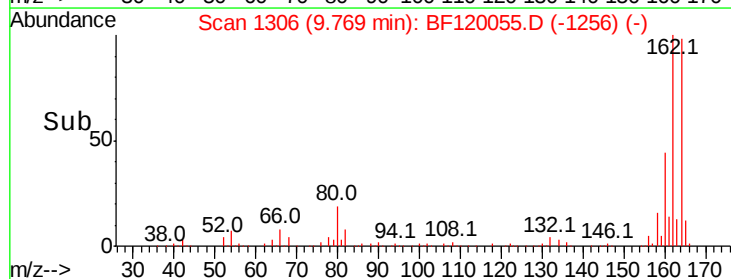
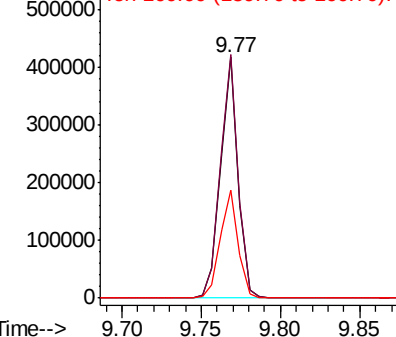
164 100

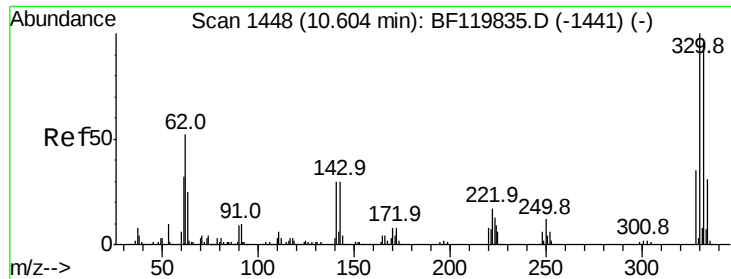
162 101.2 81.9 122.9

160 44.9 36.6 54.8



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

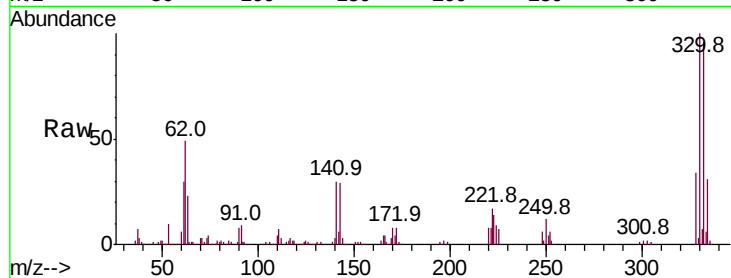




#42
 2,4,6-Tribromophenol
 Concen: 100.920 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120055.D
 Acq: 17 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.1	25.1	37.7

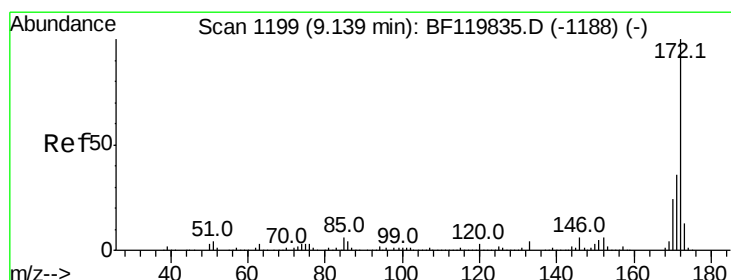
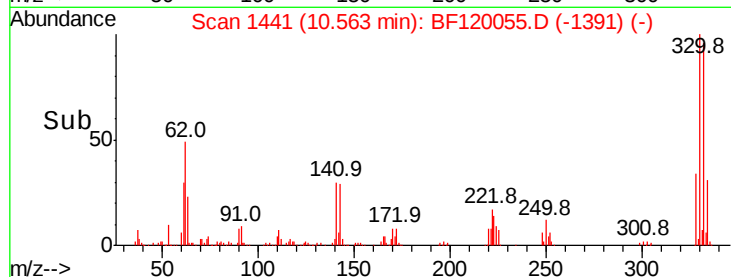
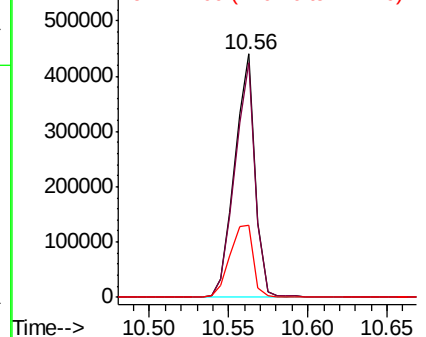


Abundance

Ion 329.80 (329.50 to 330.50): E

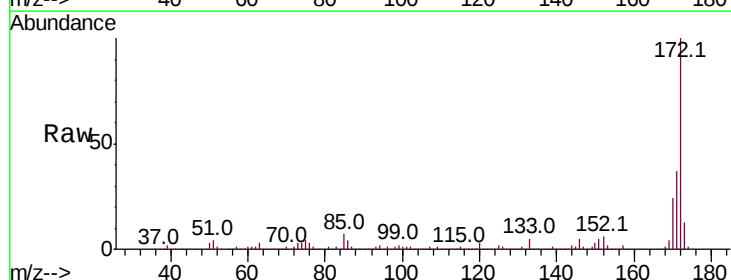
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.176 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF120055.D
 Acq: 17 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	19.4	29.2

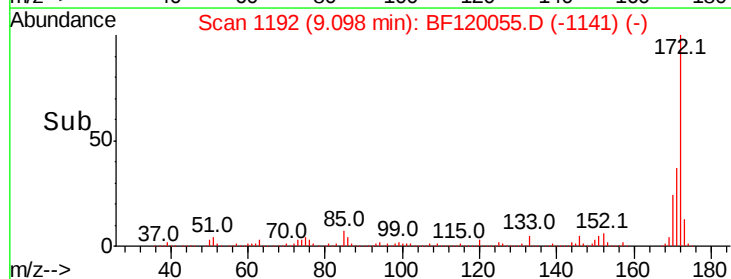
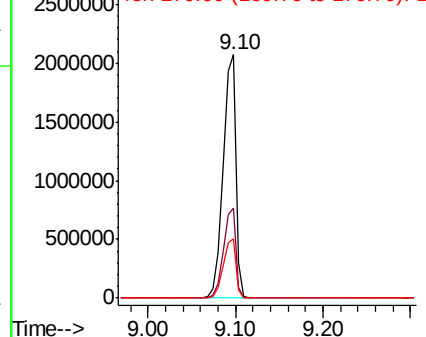


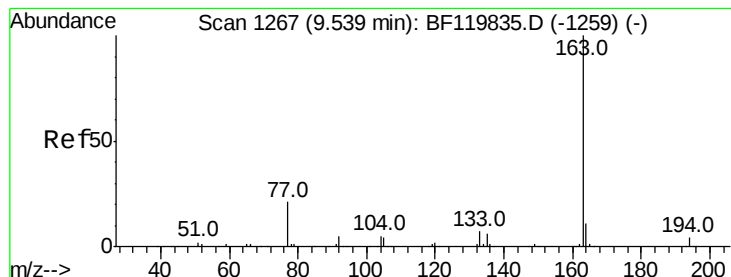
Abundance

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: 13.427 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

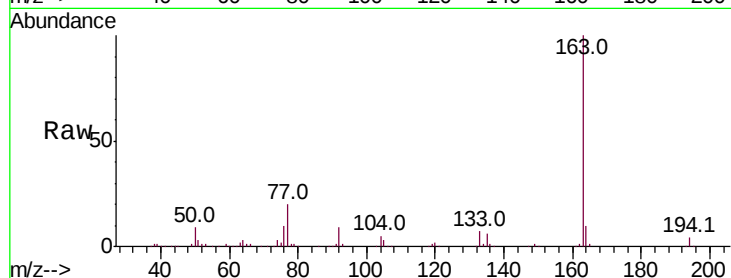
Tot Ion:163 Resp: 331883

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

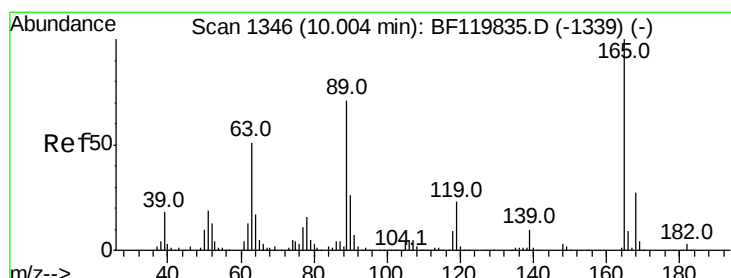
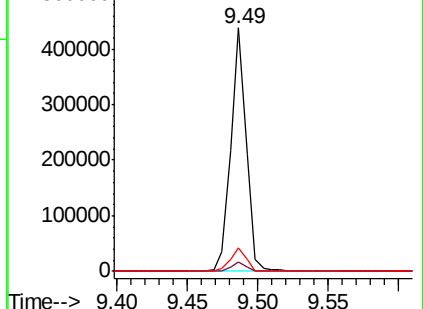
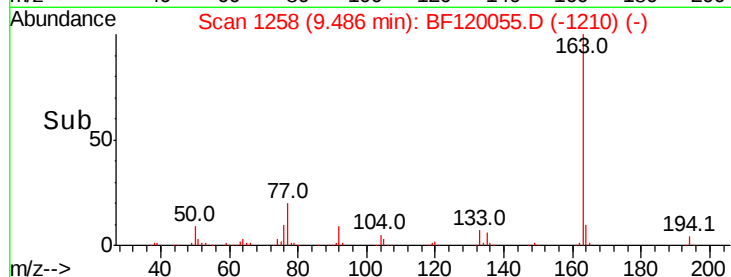
164 9.8 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.750 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.20 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Tgt Ion:165 Resp: 41004

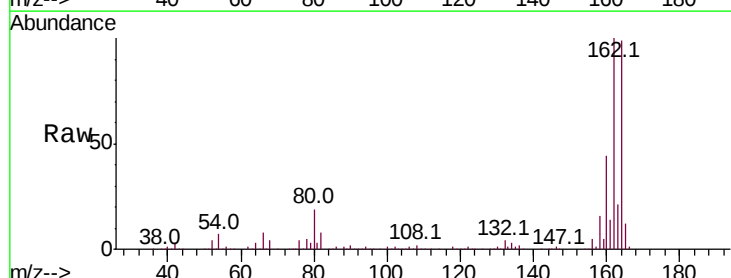
Ion Ratio Lower Upper

165 100

63 0.9 40.8 61.2#

89 0.9 56.9 85.3#

182 0.0 2.0 3.0#

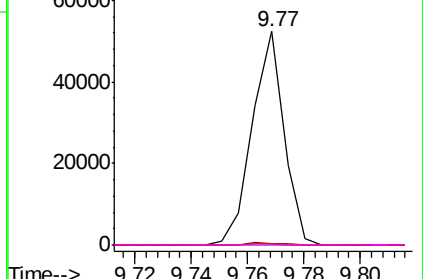
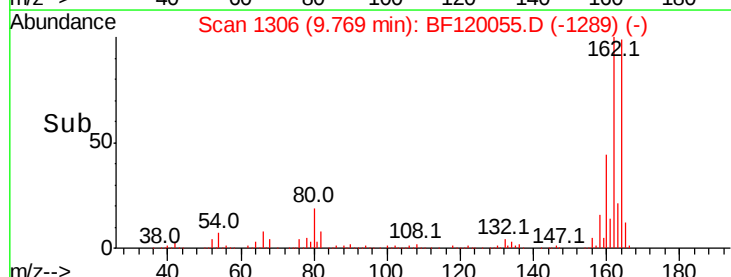


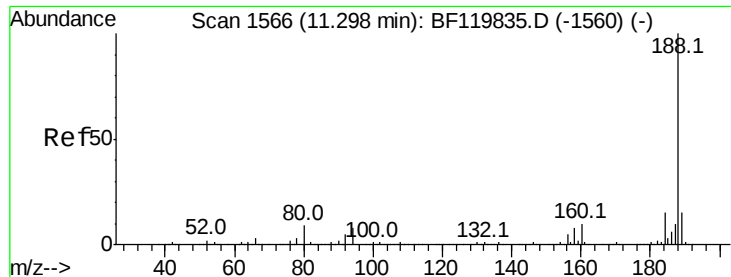
Abundance Ion 165.00 (164.70 to 165.70): E

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

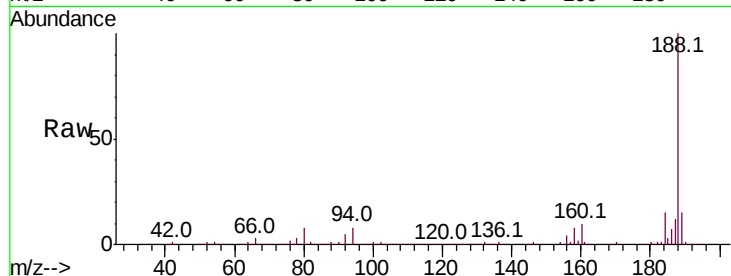




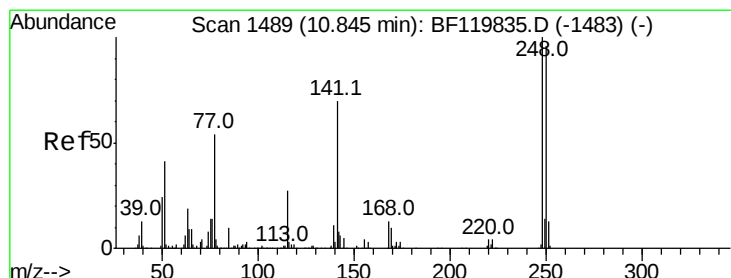
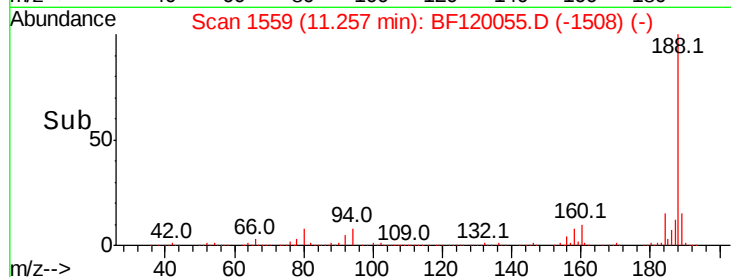
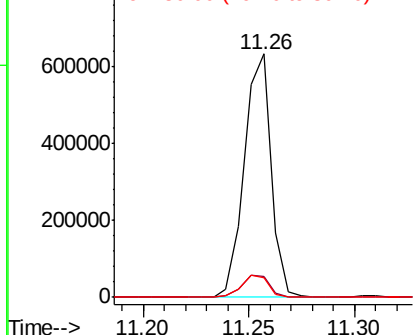
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:188 Resp: 559211
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.2 7.4 11.2

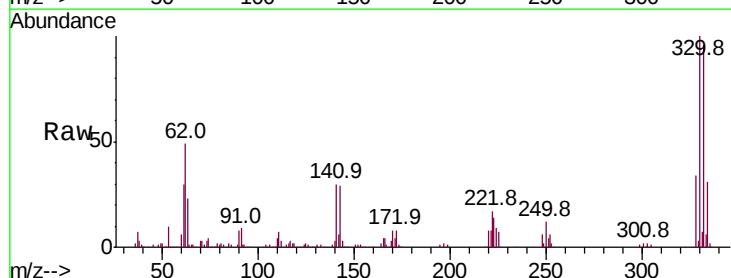


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

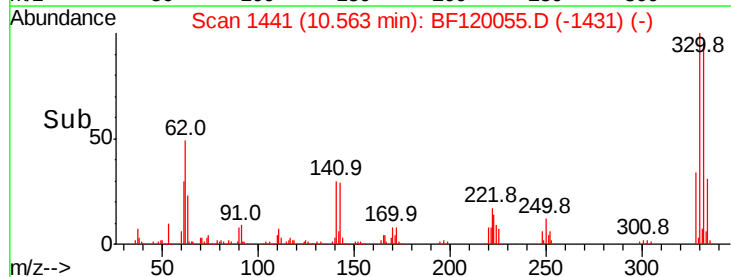
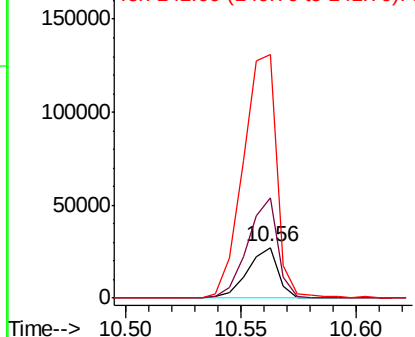


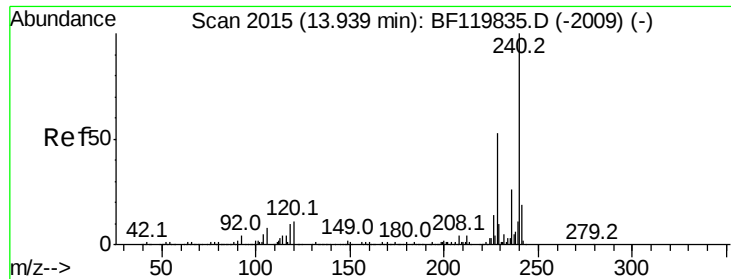
#67
4-Bromophenyl-phenylether
Concen: 3.638 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF120055.D
Acq: 17 Apr 2020 13:26

Tgt Ion:248 Resp: 25301
Ion Ratio Lower Upper
248 100
250 195.7 76.6 114.8#
141 478.2 55.9 83.9#



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

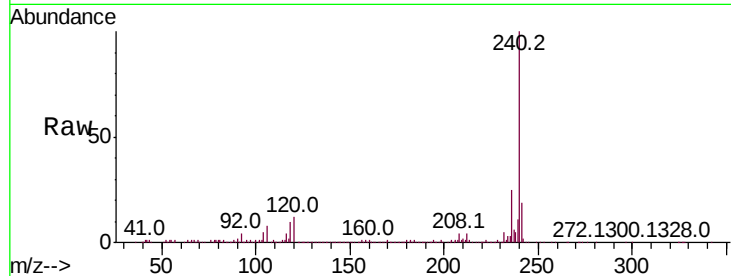
Tot Ion:240 Resp: 335777

Ion Ratio Lower Upper

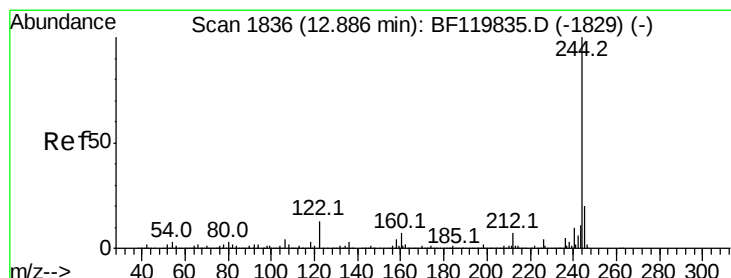
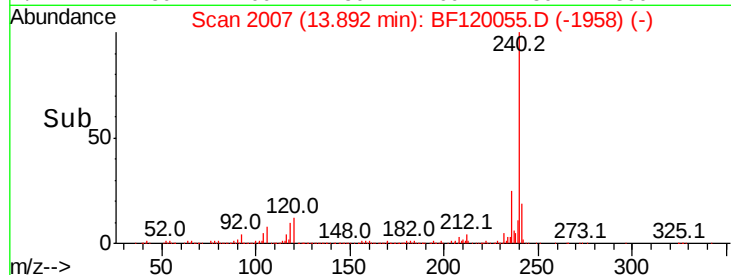
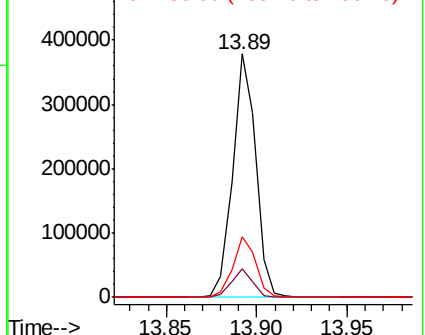
240 100

120 11.5 9.0 13.6

236 24.6 20.7 31.1



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: 83.336 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120055.D

Acq: 17 Apr 2020 13:26

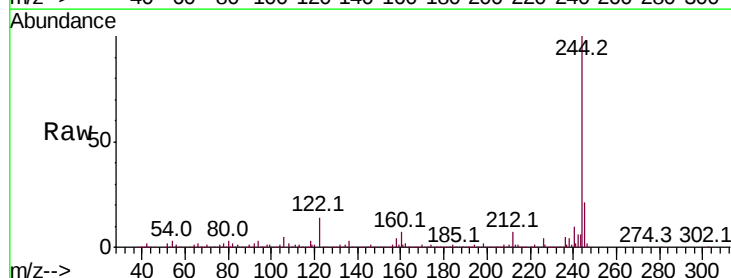
Tgt Ion:244 Resp: 1662993

Ion Ratio Lower Upper

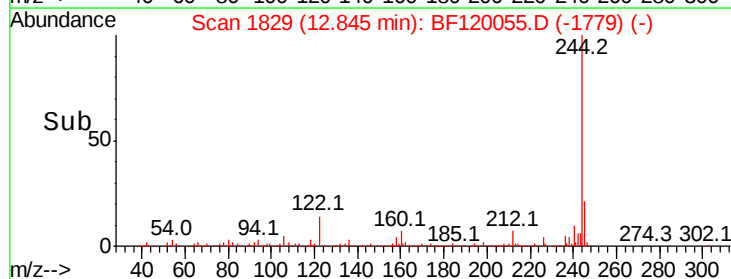
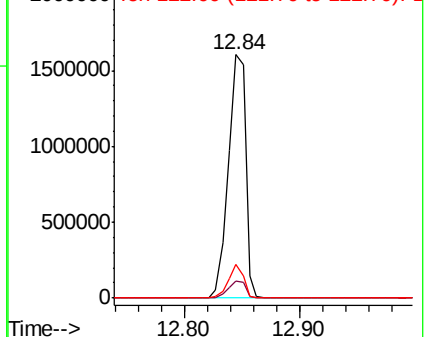
244 100

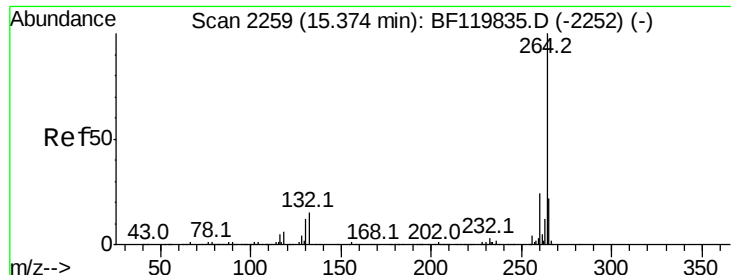
212 7.2 5.4 8.0

122 14.0 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

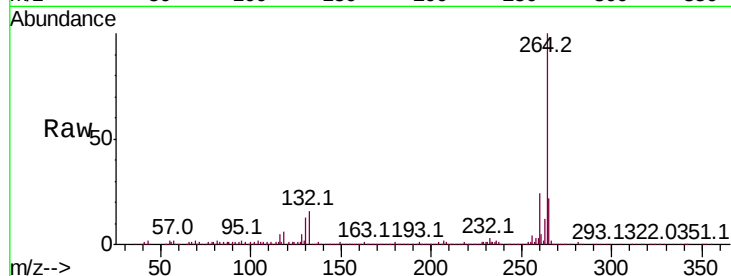




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF120055.D
 Acq: 17 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.5	17.6	26.4



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

