

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041720\
 Data File : BF120049.D
 Acq On : 17 Apr 2020 10:45
 Operator : MA/SJ
 Sample : L2198-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Quant Time: Apr 17 11:23:28 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

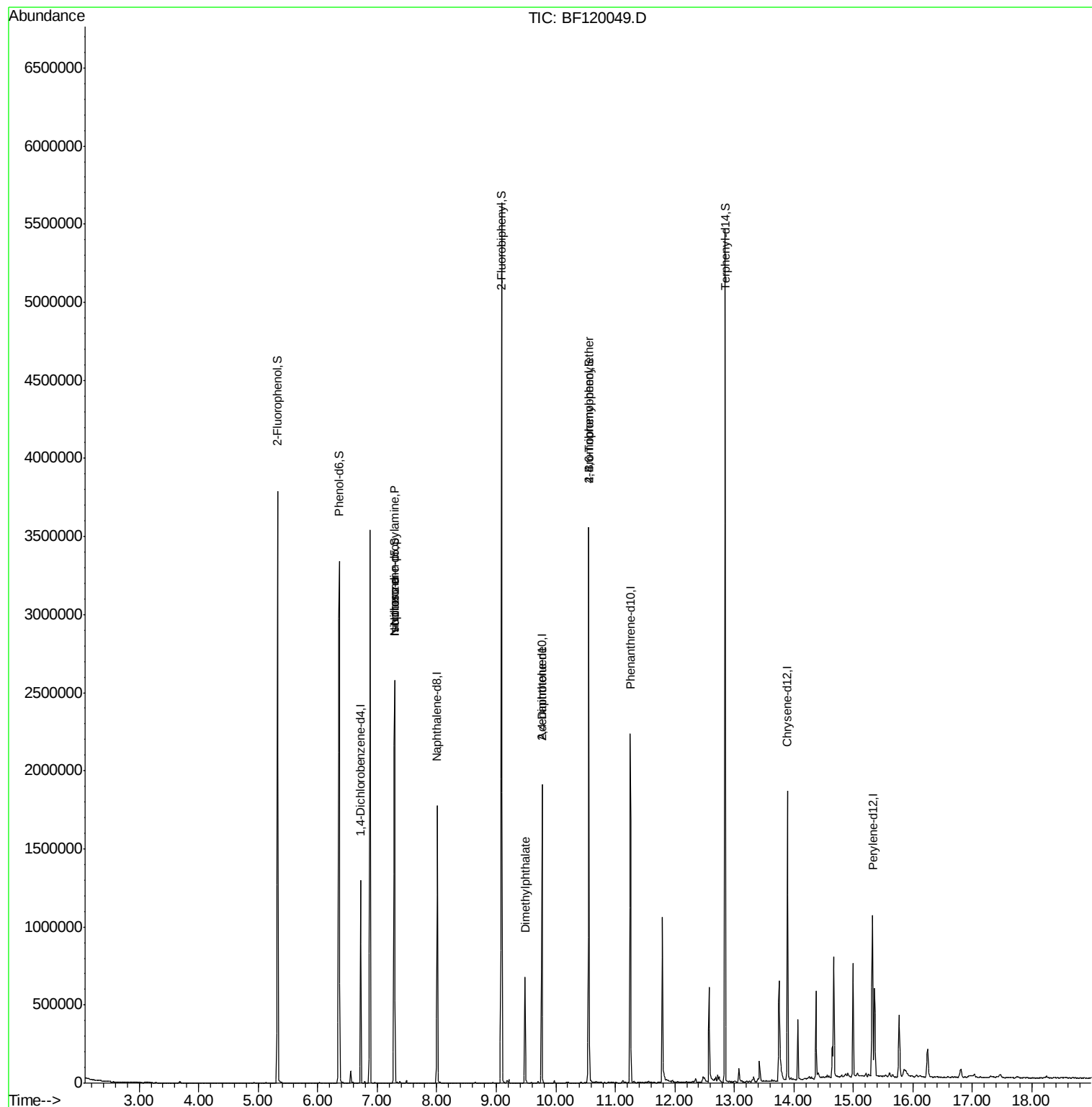
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	185652	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	743180	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	419958	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	821298	20.00	ng	0.00
76) Chrysene-d12	13.89	240	610823	20.00	ng	-0.01
87) Perylene-d12	15.32	264	475896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1002630	93.33	ng	0.00
7) Phenol-d6	6.36	99	1320201	95.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	870863	60.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	431663	83.95	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1798455	60.80	ng	0.00
79) Terphenyl-d14	12.85	244	2124021	58.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1693	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	113186	12.716	ng	# 1
25) Isophorone	7.29	82	841215	30.377	ng	# 72
50) Dimethylphthalate	9.49	163	290294	8.937	ng	# 65
57) 2,4-Dinitrotoluene	9.77	165	53218	5.679	ng	# 99
67) 4-Bromophenyl-phenylether	10.56	248	27539	2.696	ng	# 23
						# 1

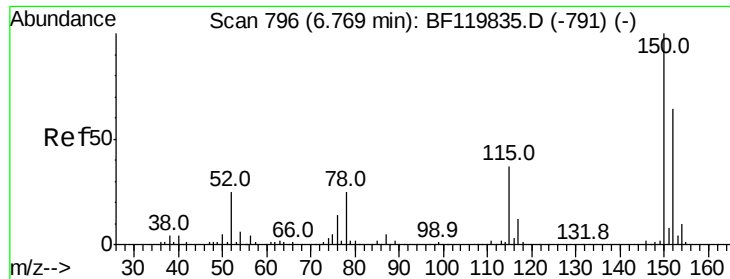
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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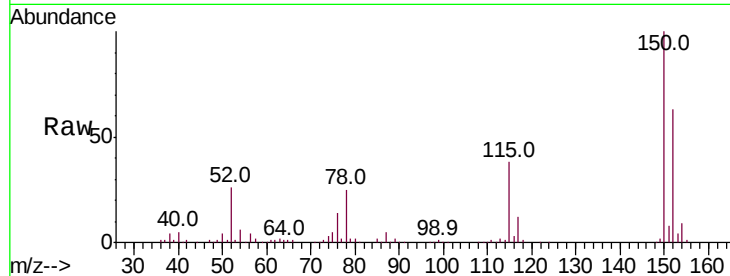


#1

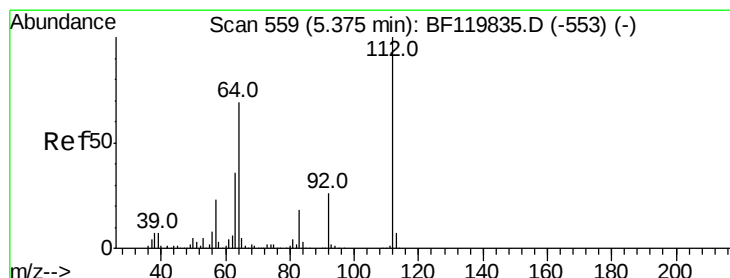
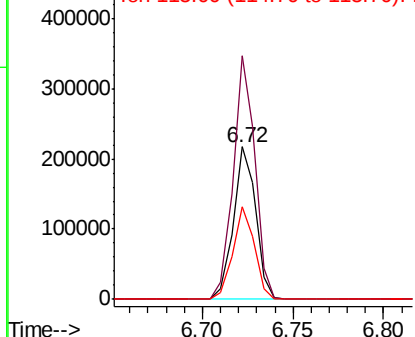
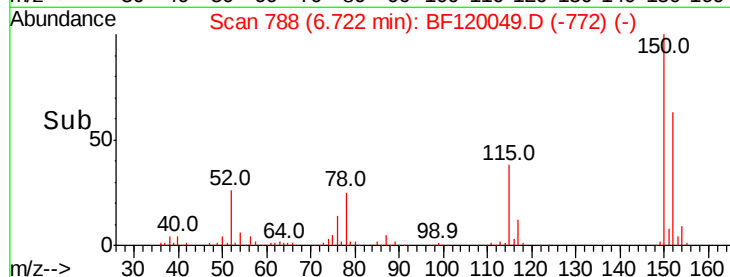
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:152 Resp: 185652
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.8 187.2
 115 60.7 46.5 69.7



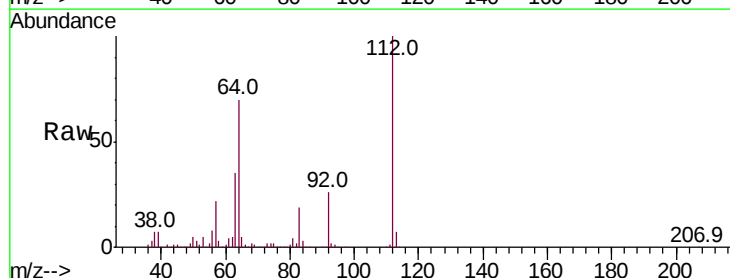
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



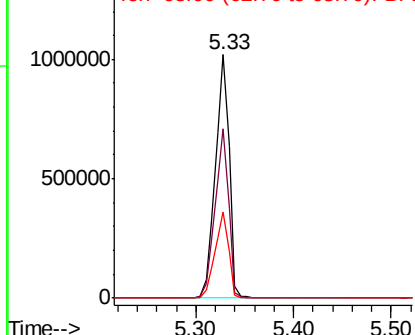
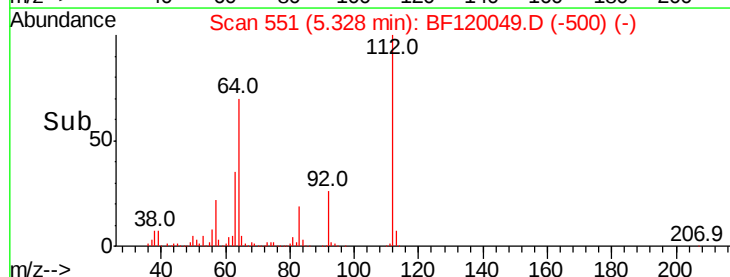
#5

2-Fluorophenol
 Concen: 93.332 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Tgt Ion:112 Resp: 1002630
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.5 83.3
 63 35.4 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: 95.374 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

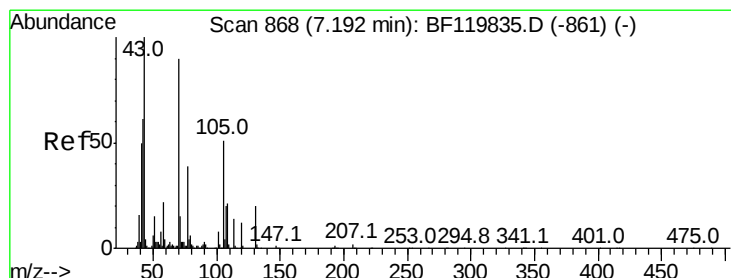
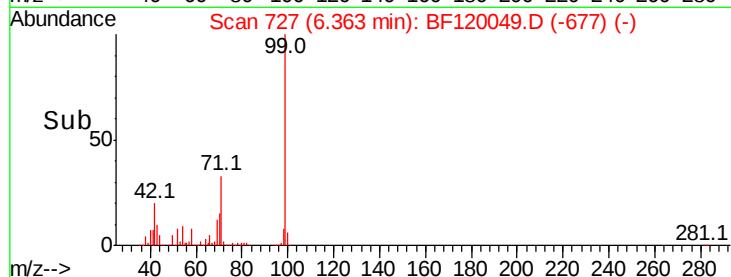
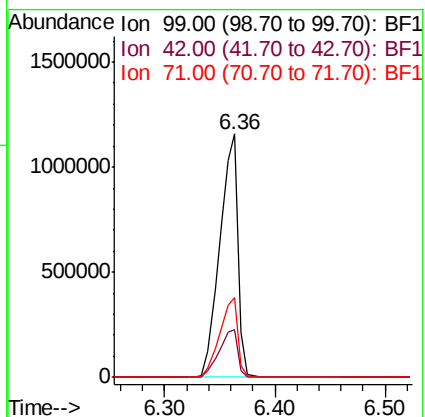
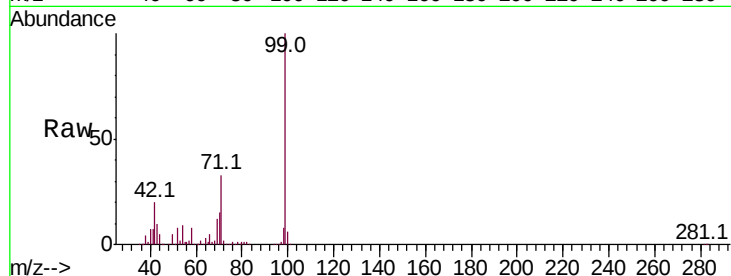
Tot Ion: 99 Resp: 1320201

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

71 32.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.716 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Tgt Ion: 70 Resp: 113186

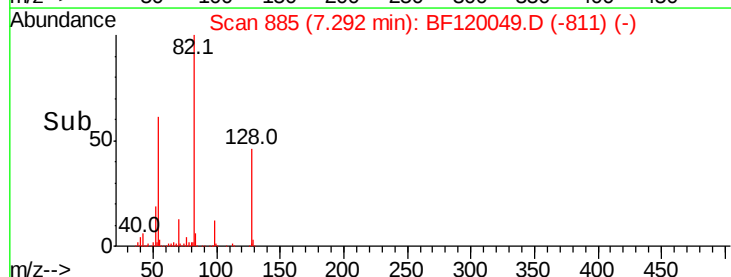
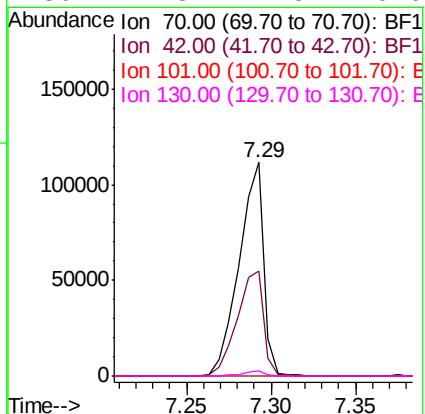
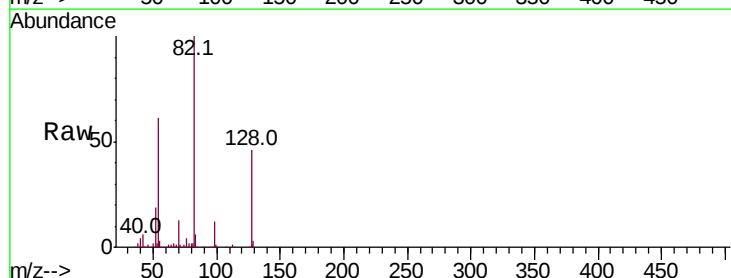
Ion Ratio Lower Upper

70 100

42 49.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

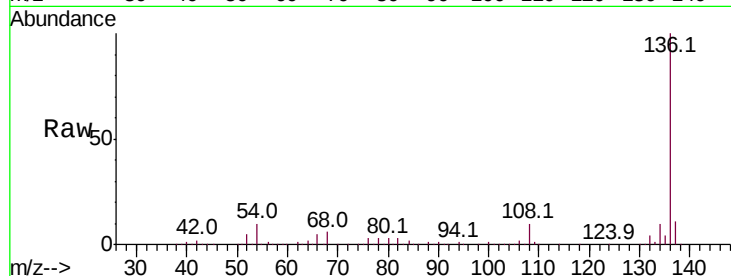




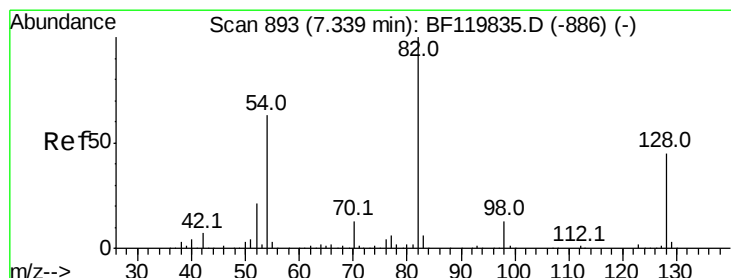
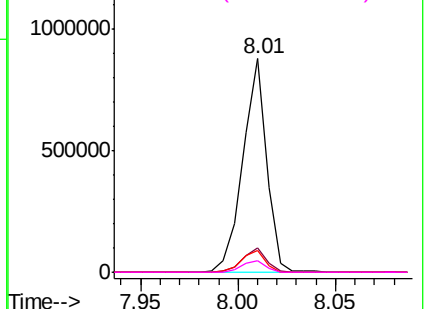
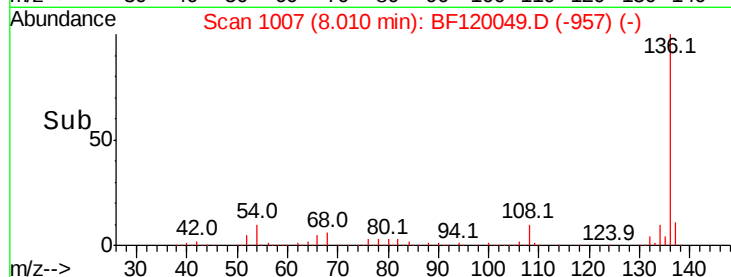
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120049.D
Acq: 17 Apr 2020 10:45

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMP

Tot Ion:	136	Resp:	743180
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.1	8.5	12.7
68	5.7	3.9	5.9

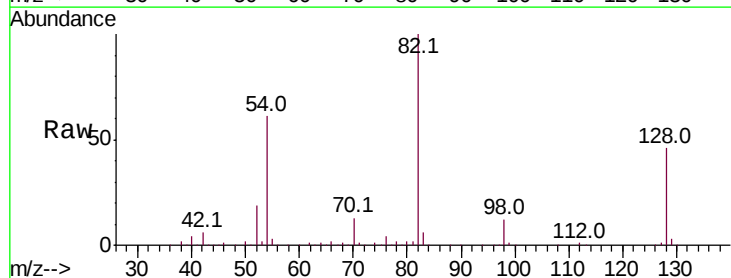


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

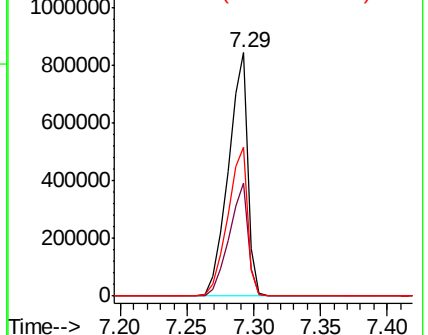
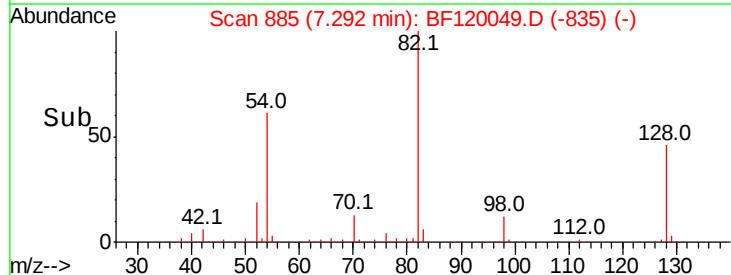


#23
Nitrobenzene-d5
Concen: 60.622 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120049.D
Acq: 17 Apr 2020 10:45

Tgt Ion:	82	Resp:	870863
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.4
54	60.9	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: 30.377 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

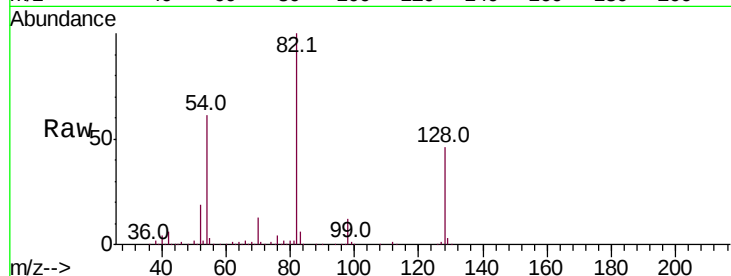
Tot Ion: 82 Resp: 841215

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

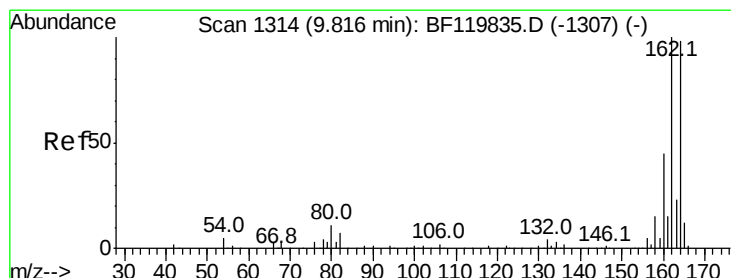
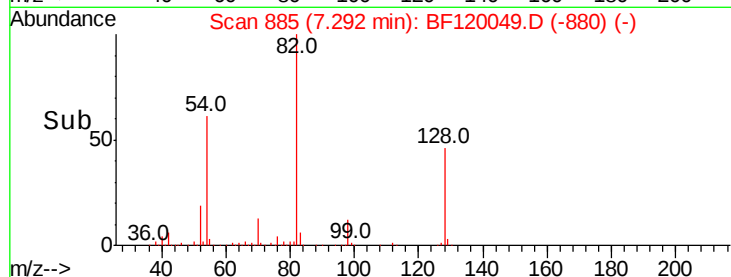
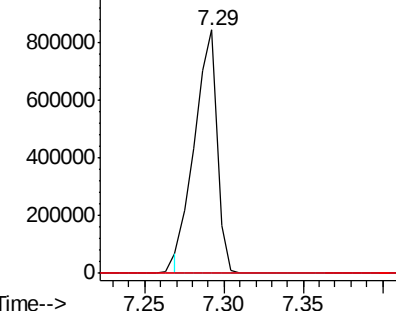
138 0.0 14.5 21.7#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

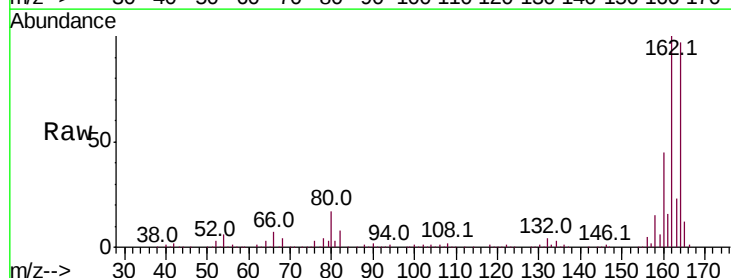
Tgt Ion:164 Resp: 419958

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

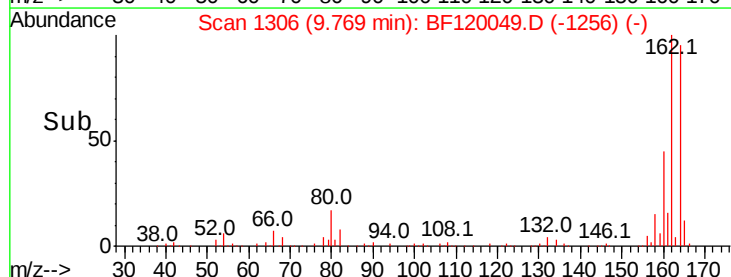
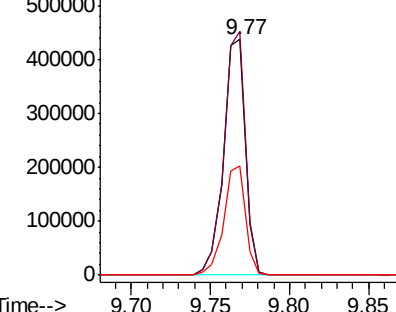
160 46.2 36.6 54.8

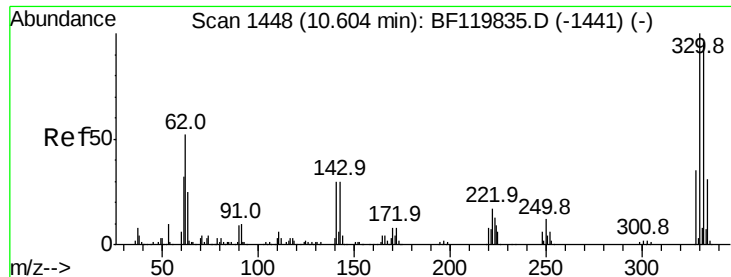


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

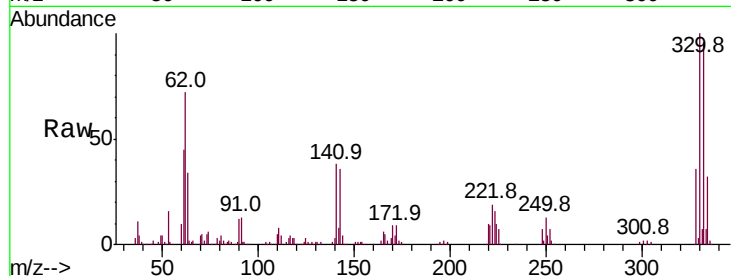




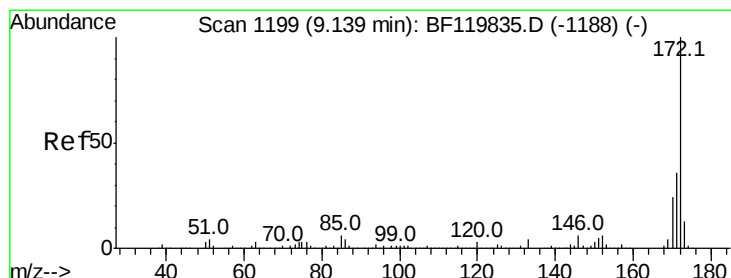
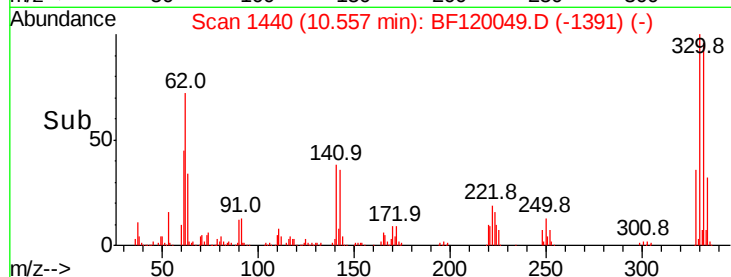
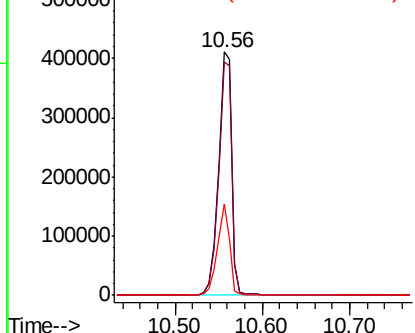
#42
 2,4,6-Tribromophenol
 Concen: 83.953 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Instrument :
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 ClientSampleId :
 TP-42-41-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	34.5	25.1	37.7

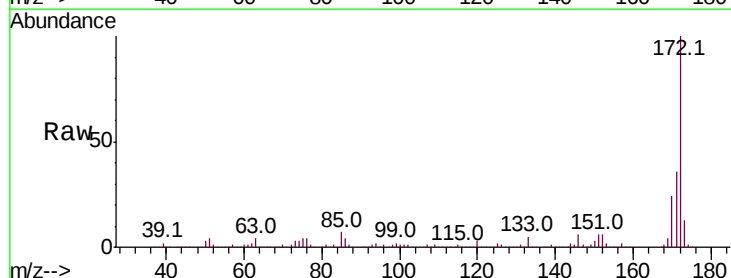


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

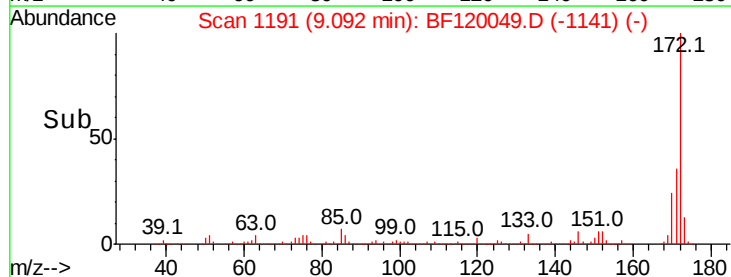
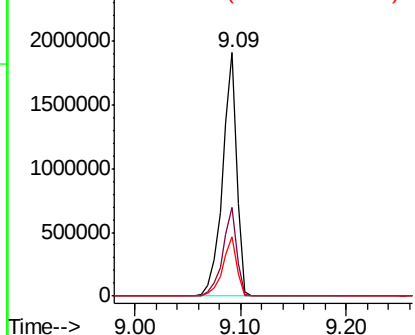


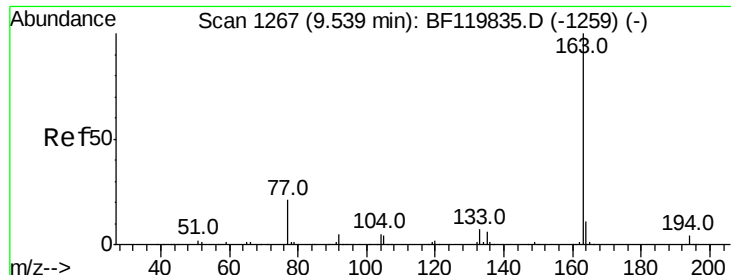
#45
 2-Fluorobiphenyl
 Concen: 60.802 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.4	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: 8.937 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Instrument :

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ClientSampleId :

TP-42-41-COMP

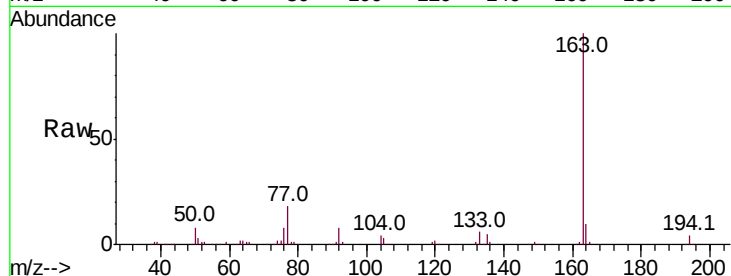
Tot Ion:163 Resp: 290294

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

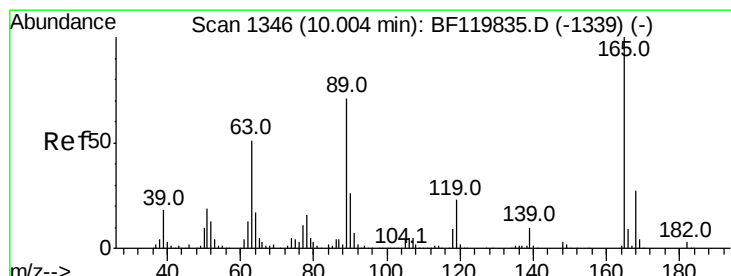
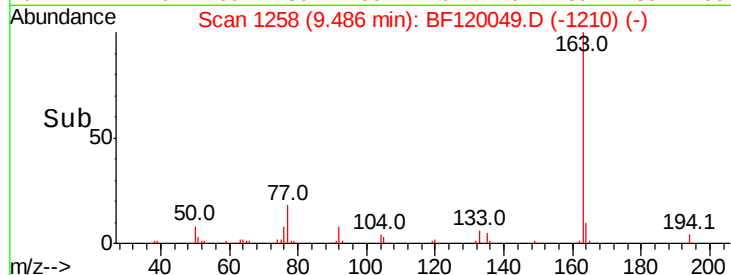
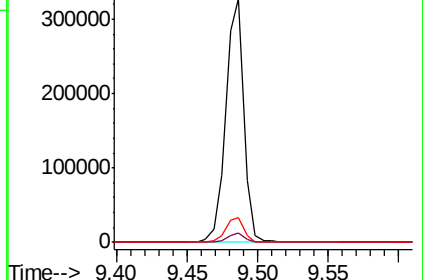
164 10.0 8.4 12.6



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: 5.679 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.20 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Tgt Ion:165 Resp: 53218

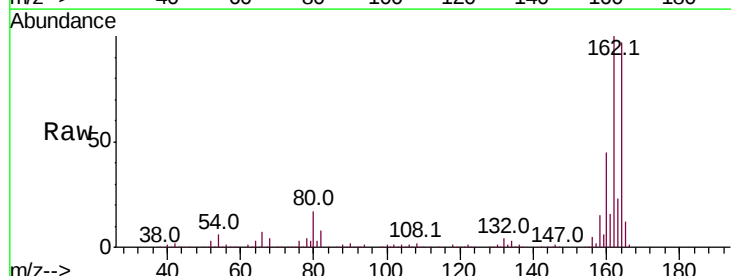
Ion Ratio Lower Upper

165 100

63 1.6 40.8 61.2#

89 1.1 56.9 85.3#

182 0.0 2.0 3.0#

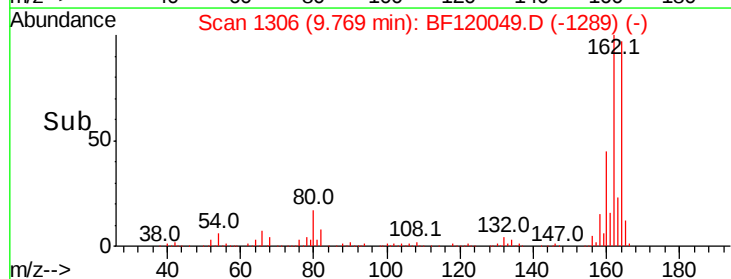
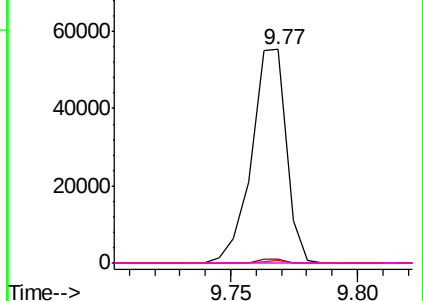


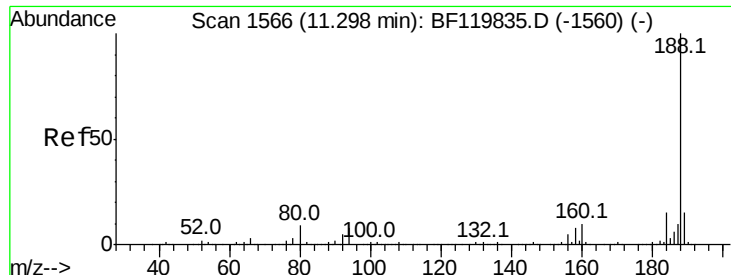
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMP

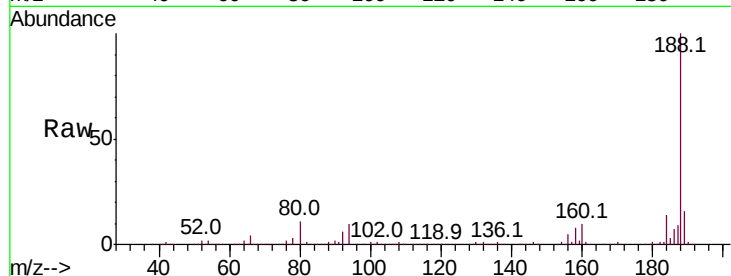
Tot Ion:188 Resp: 821298

Ion Ratio Lower Upper

188 100

94 9.9 6.7 10.1

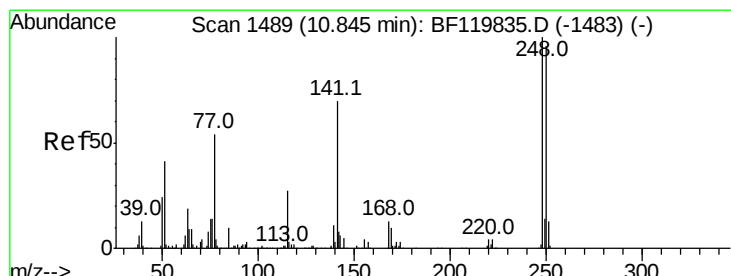
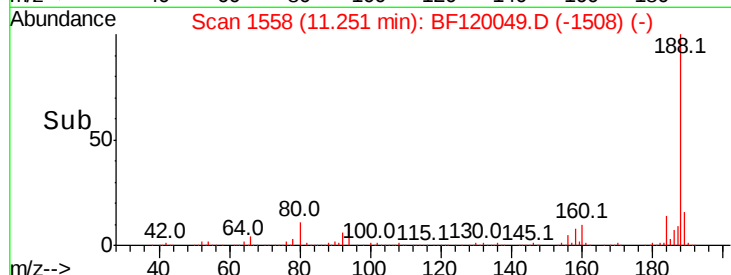
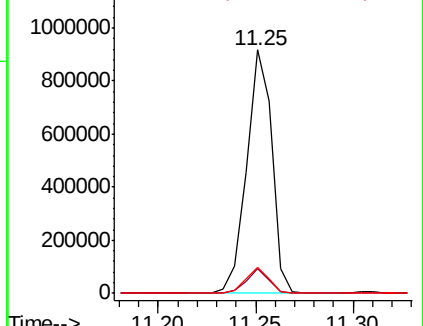
80 10.8 7.4 11.2



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: 2.696 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF120049.D

Acq: 17 Apr 2020 10:45

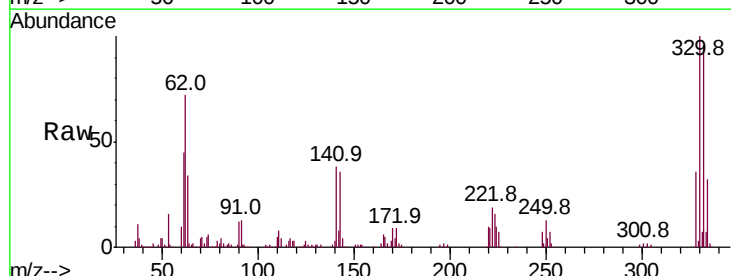
Tgt Ion:248 Resp: 27539

Ion Ratio Lower Upper

248 100

250 191.2 76.6 114.8#

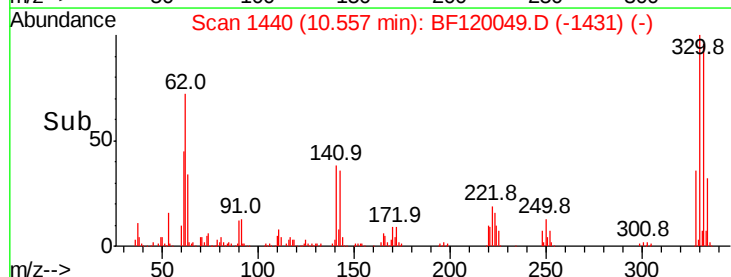
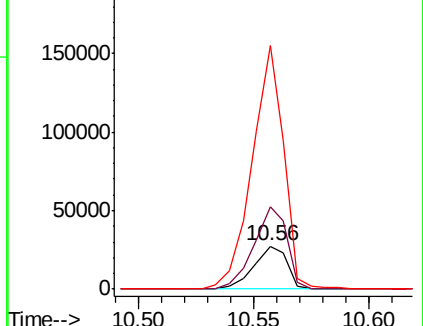
141 568.4 55.9 83.9#

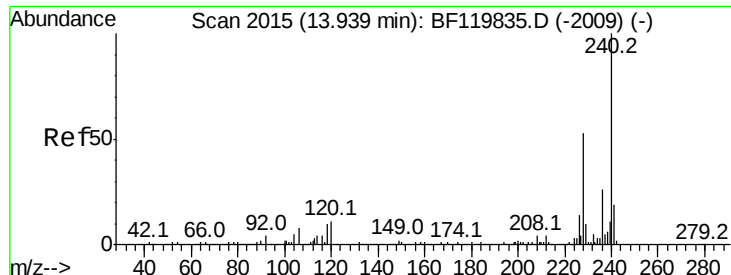


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

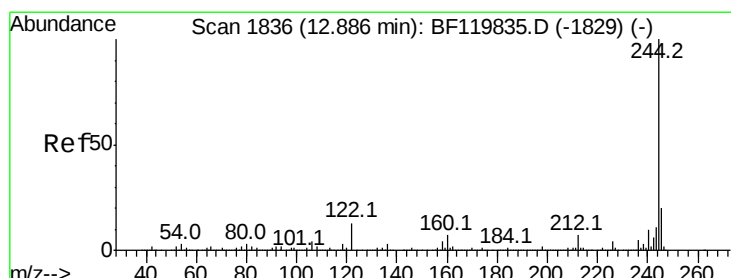
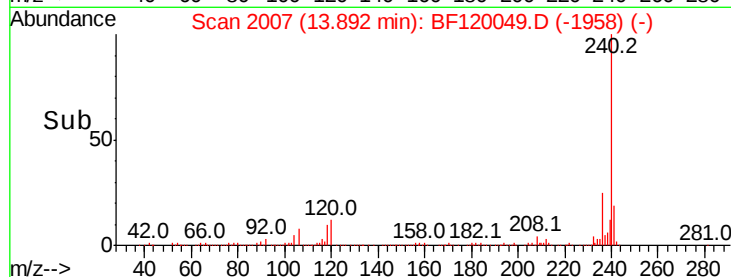
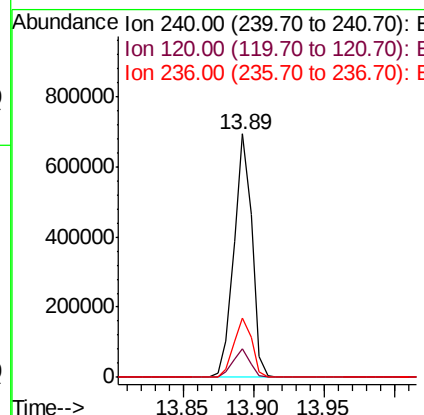
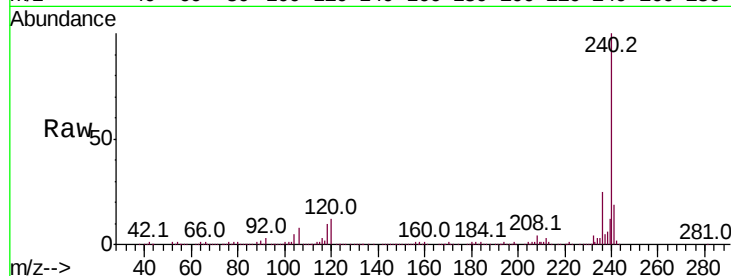




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

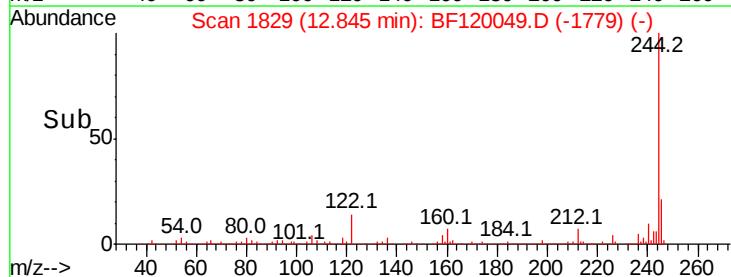
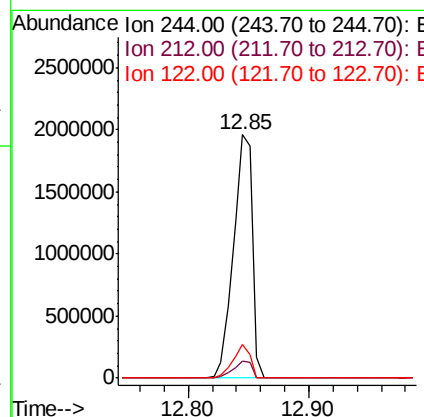
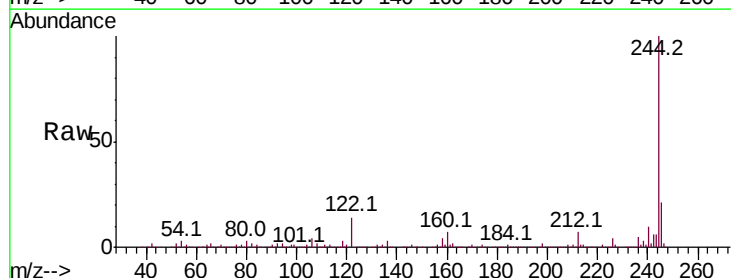
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

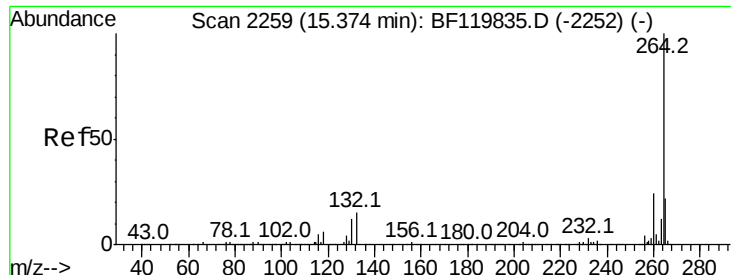
Tot Ion:240 Resp: 610823
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.6
 236 24.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 58.511 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Tgt Ion:244 Resp: 2124021
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.0 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF120049.D
 Acq: 17 Apr 2020 10:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMP

Tot Ion:264 Resp: 475896
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 22.3 17.6 26.4

