

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121889.D
 Acq On : 8 Oct 2020 15:11
 Operator : JU/CG
 Sample : L4300-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 231-232-COMP

Quant Time: Oct 08 15:42:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

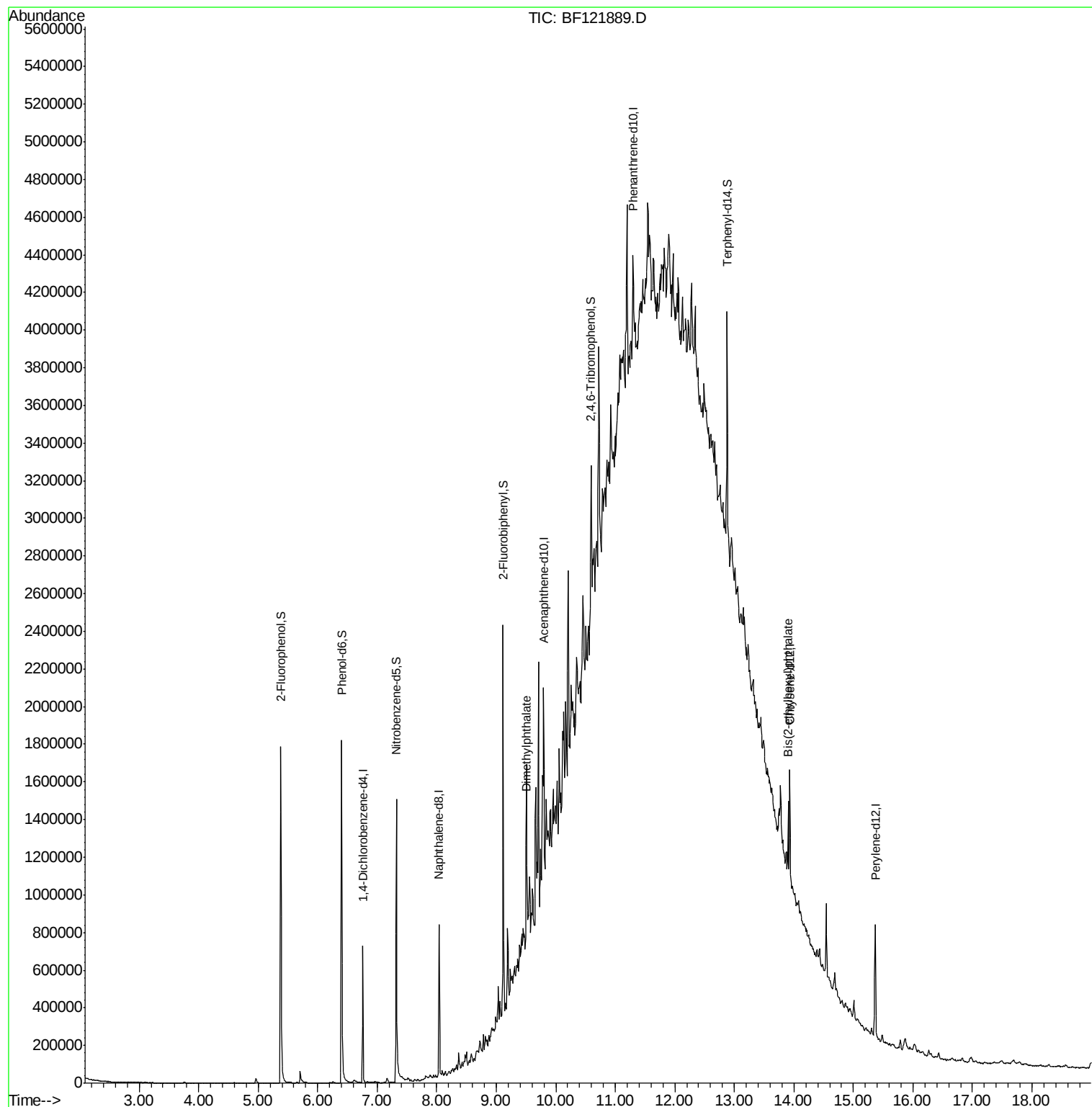
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	94900	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	361554	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	153207	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	204374	20.00	ng	0.00
76) Chrysene-d12	13.93	240	206339	20.00	ng	0.00
86) Perylene-d12	15.37	264	247365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	529618	82.94	ng	0.00
7) Phenol-d6	6.40	99	662573	79.09	ng	-0.01
23) Nitrobenzene-d5	7.32	82	437424	64.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	139356	73.19	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	664737	65.71	ng	-0.01
79) Terphenyl-d14	12.88	244	417956	41.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.52	163	83323	7.504	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.90	149	103651	12.725	ng	# 98

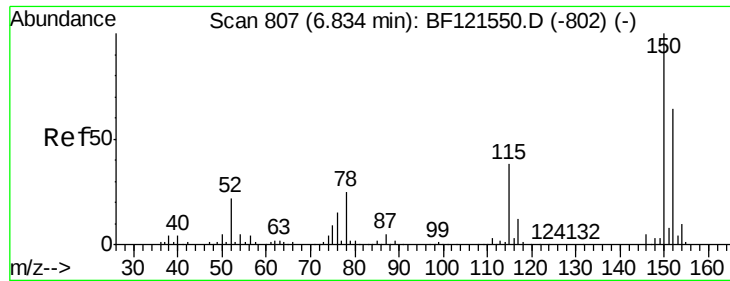
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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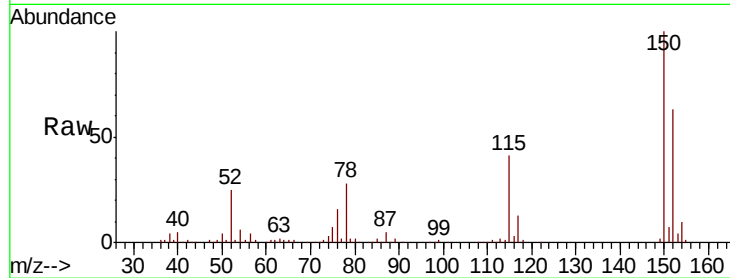


#1

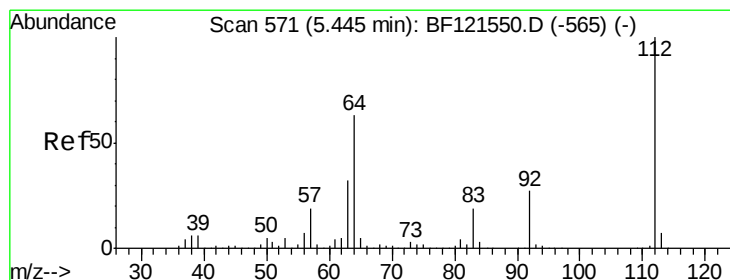
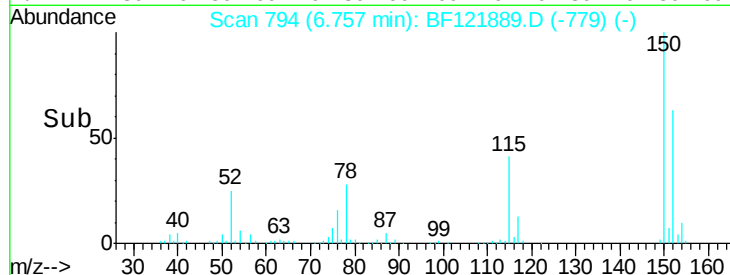
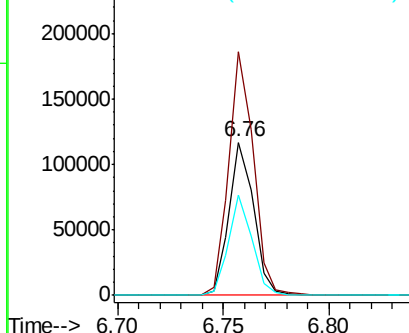
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121889.D
 Acq: 8 Oct 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 231-232-COMP

Tot Ion:152 Resp: 94900
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.3 187.9
 115 65.1 51.9 77.9



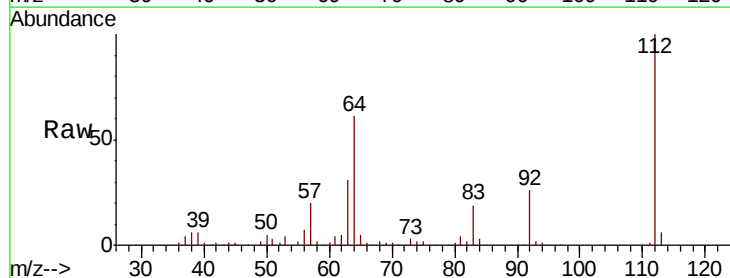
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



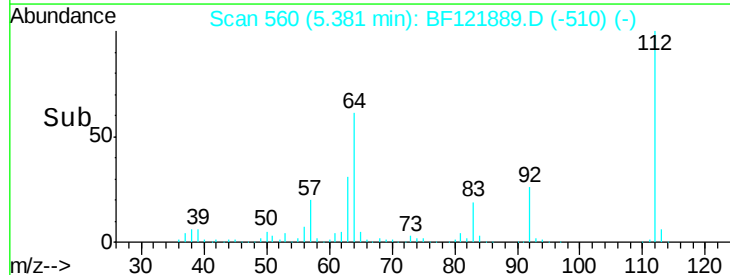
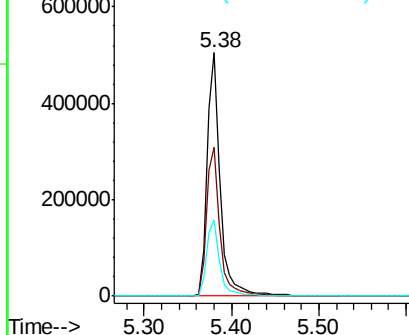
#5

2-Fluorophenol
 Concen: 82.938 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121889.D
 Acq: 8 Oct 2020 15:11

Tgt Ion:112 Resp: 529618
 Ion Ratio Lower Upper
 112 100
 64 61.1 50.4 75.6
 63 30.9 25.8 38.6



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: 79.088 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

Instrument :

BNA_F

ClientSampleId :

231-232-COMP

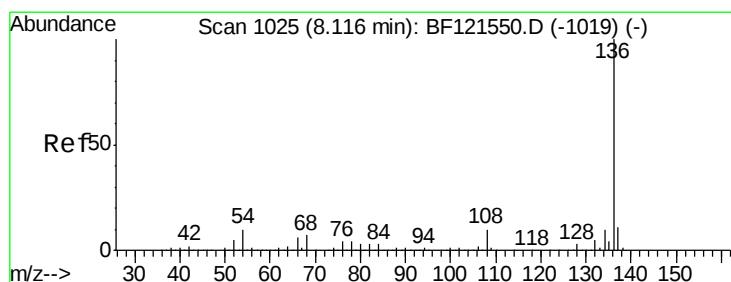
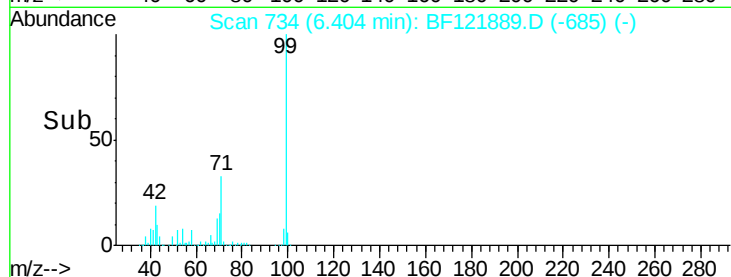
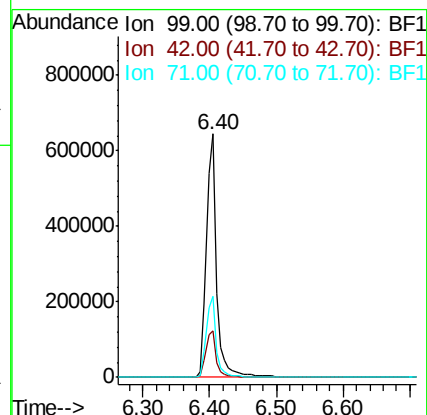
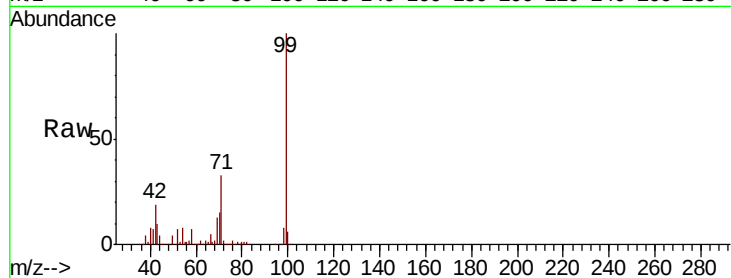
Tot Ion: 99 Resp: 662573

Ion Ratio Lower Upper

99 100

42 19.2 15.9 23.9

71 33.3 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

Tgt Ion: 136 Resp: 361554

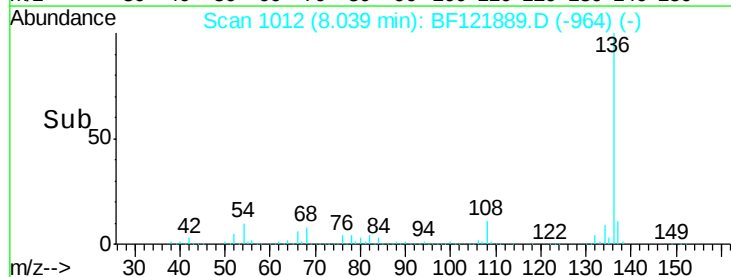
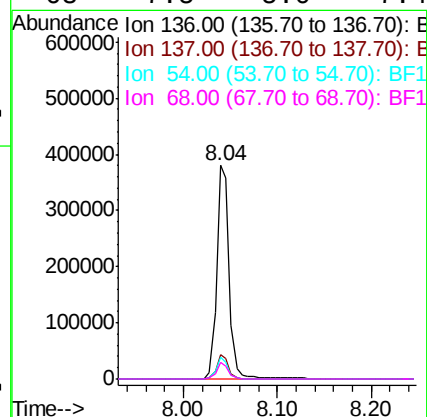
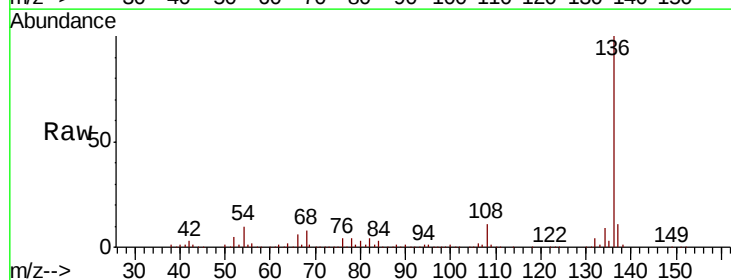
Ion Ratio Lower Upper

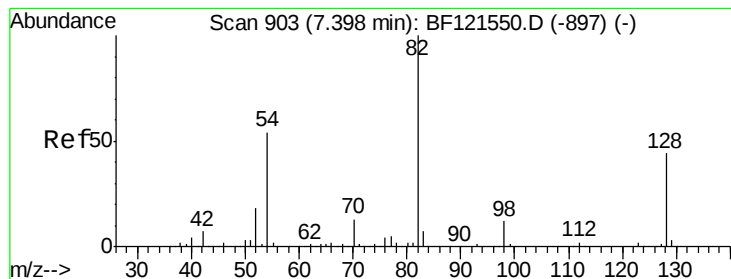
136 100

137 11.4 8.6 13.0

54 10.2 7.1 10.7

68 7.5 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 64.959 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

Instrument :

BNA_F

ClientSampleId :

231-232-COMP

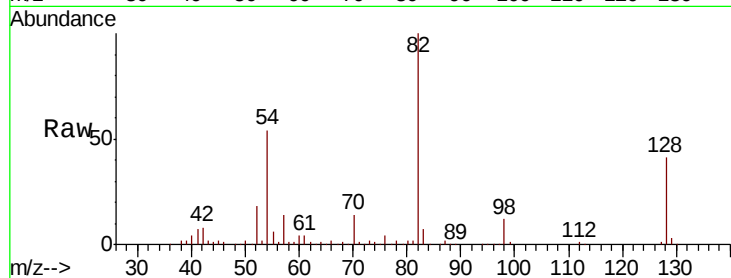
Tot Ion: 82 Resp: 437424

Ion Ratio Lower Upper

82 100

128 41.2 35.0 52.4

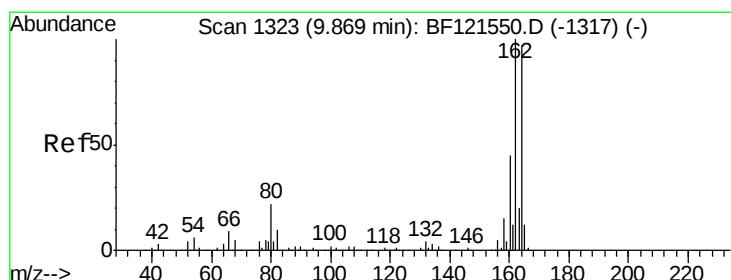
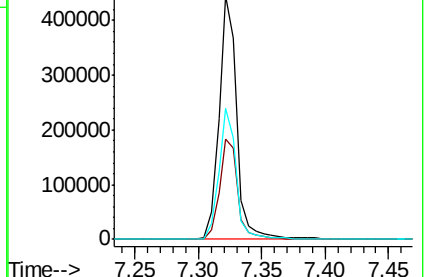
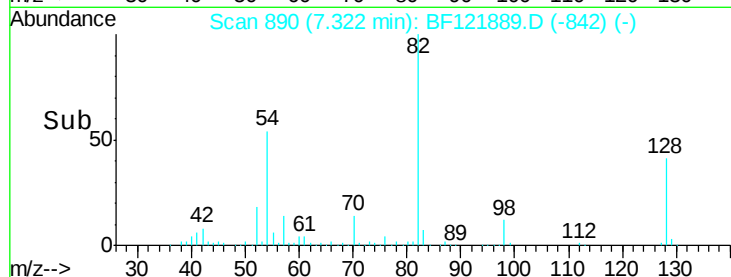
54 54.0 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

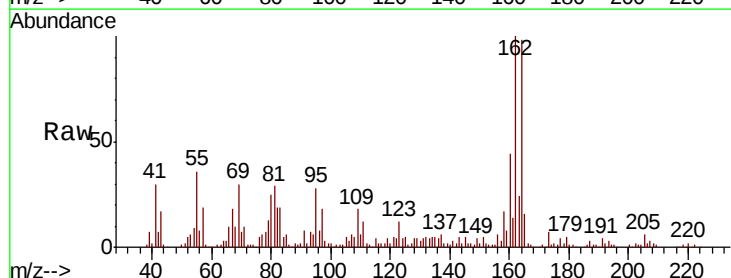
Tgt Ion:164 Resp: 153207

Ion Ratio Lower Upper

164 100

162 101.8 83.2 124.8

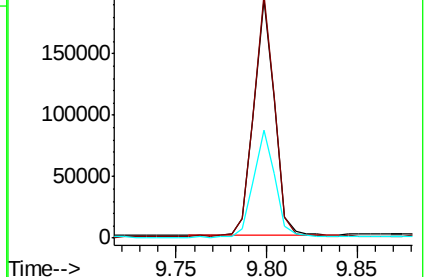
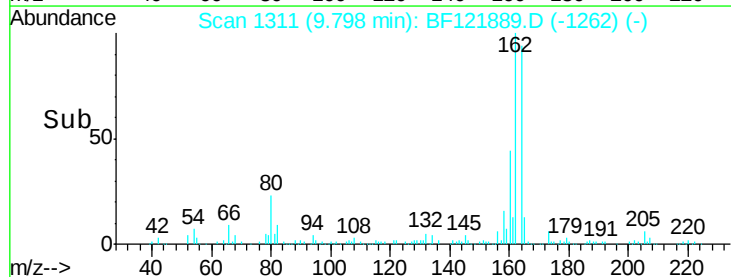
160 45.2 37.5 56.3



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

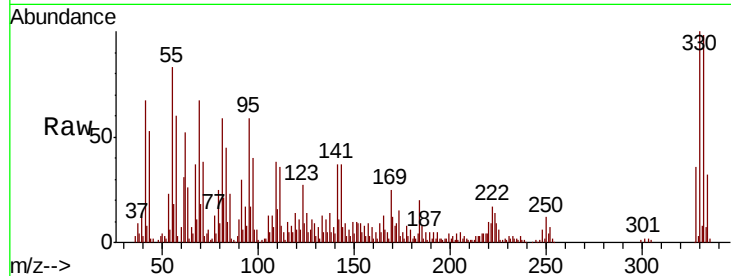




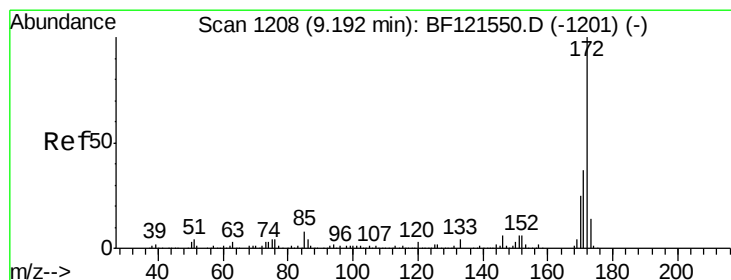
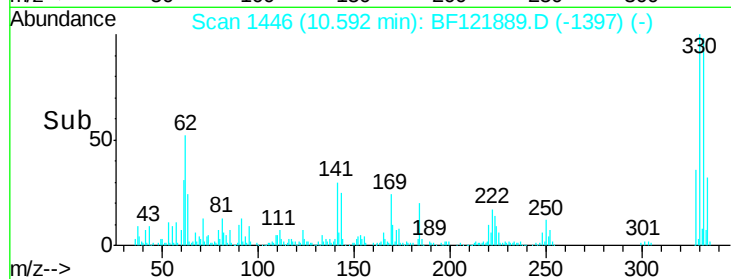
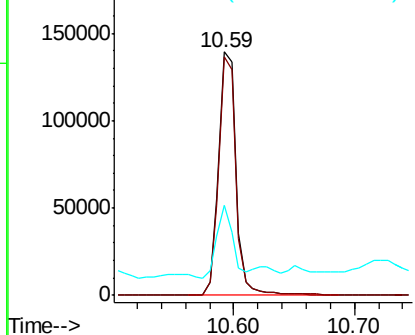
#42
 2,4,6-Tribromophenol
 Concen: 73.185 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121889.D
 Acq: 8 Oct 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 231-232-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	26.6	22.3	33.5

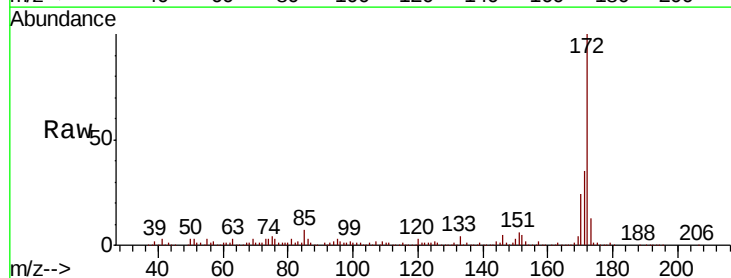


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

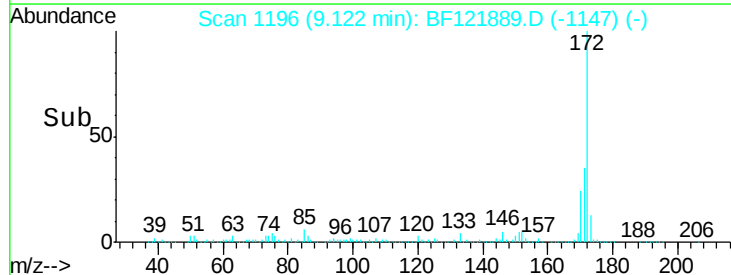
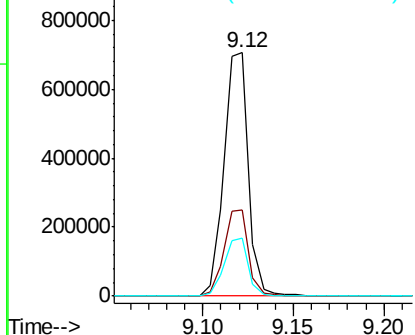


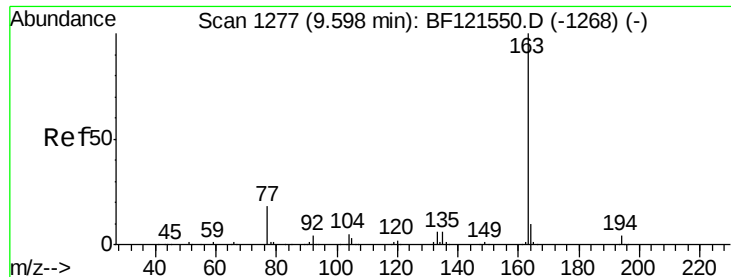
#45
 2-Fluorobiphenyl
 Concen: 65.713 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121889.D
 Acq: 8 Oct 2020 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.6	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

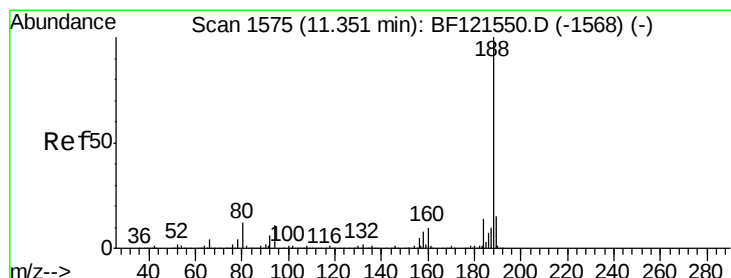
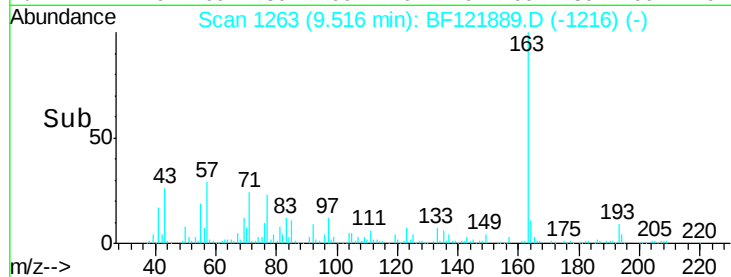
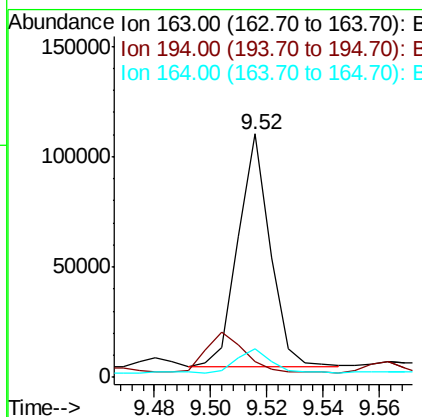
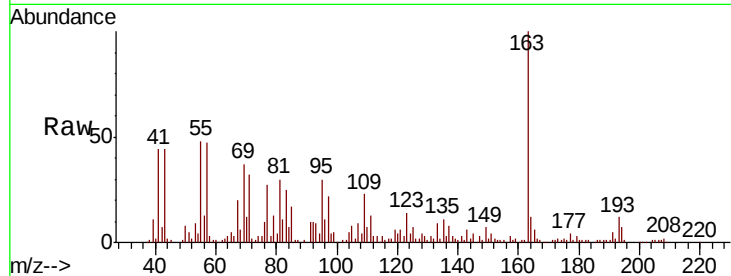




#50
Dimethylphthalate
Concen: 7.504 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121889.D
Acq: 8 Oct 2020 15:11

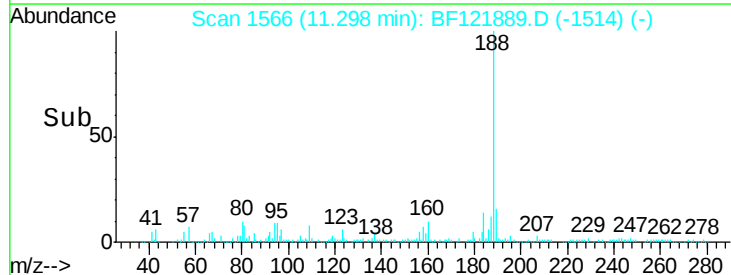
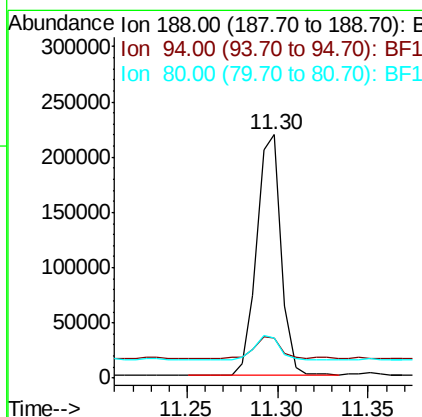
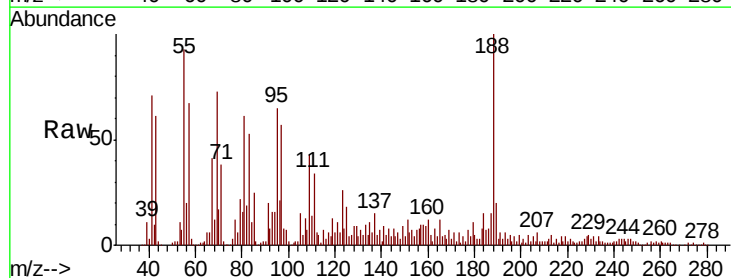
Instrument :
BNA_F
ClientSampleId :
231-232-COMP

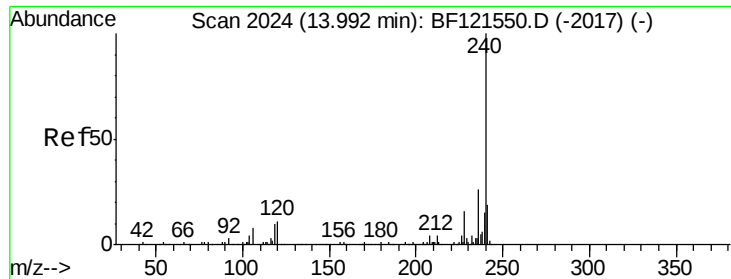
Tot Ion:163 Resp: 83323
Ion Ratio Lower Upper
163 100
194 6.6 3.3 4.9#
164 11.8 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121889.D
Acq: 8 Oct 2020 15:11

Tgt Ion:188 Resp: 204374
Ion Ratio Lower Upper
188 100
94 16.4 8.3 12.5#
80 16.4 9.1 13.7#

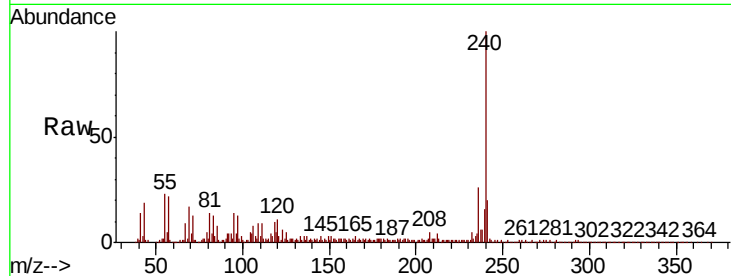




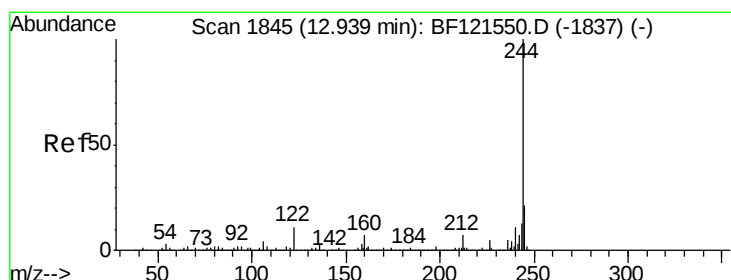
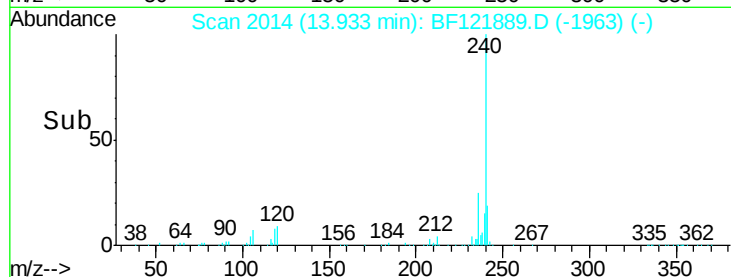
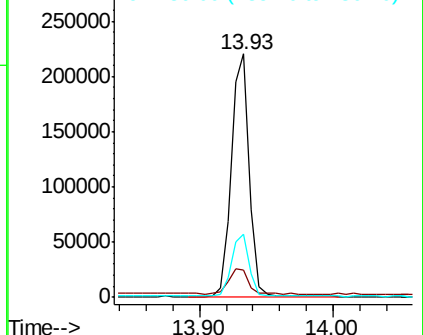
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121889.D
Acq: 8 Oct 2020 15:11

Instrument :
BNA_F
ClientSampleId :
231-232-COMP

Tot Ion:240 Resp: 206339
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3

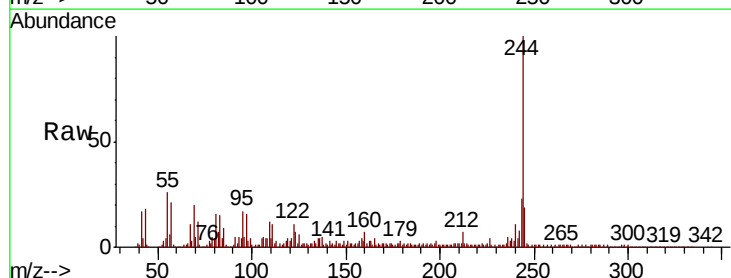


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

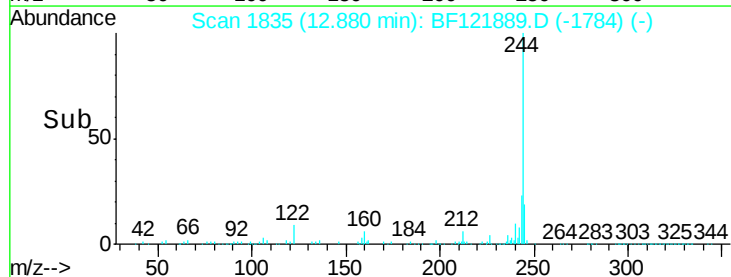
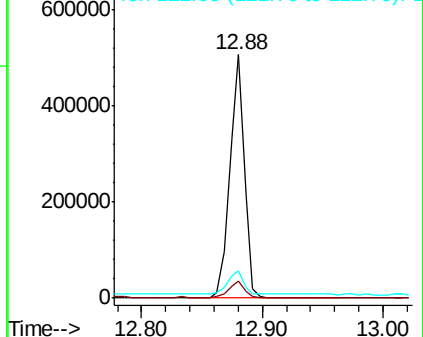


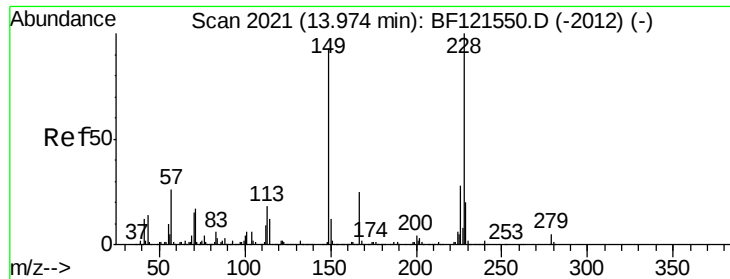
#79
Terphenyl-d14
Concen: 41.036 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF121889.D
Acq: 8 Oct 2020 15:11

Tgt Ion:244 Resp: 417956
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.2 8.1 12.1



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.725 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

Instrument :

BNA_F

ClientSampleId :

231-232-COMP

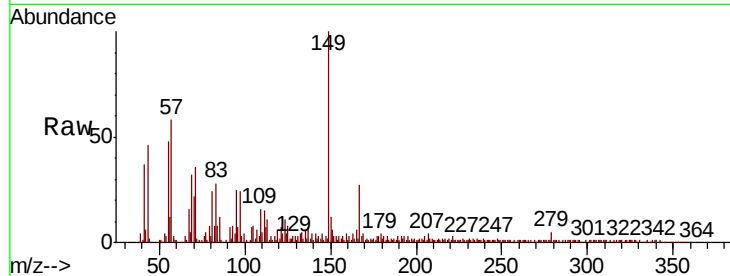
Tot Ion:149 Resp: 103651

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

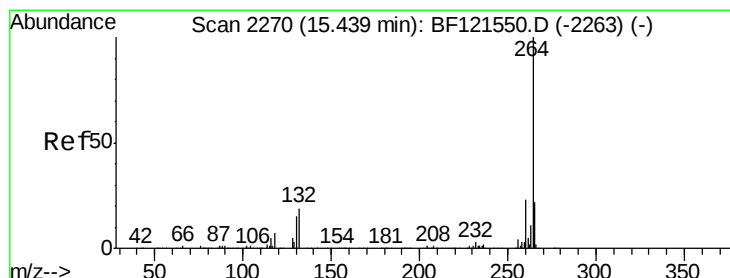
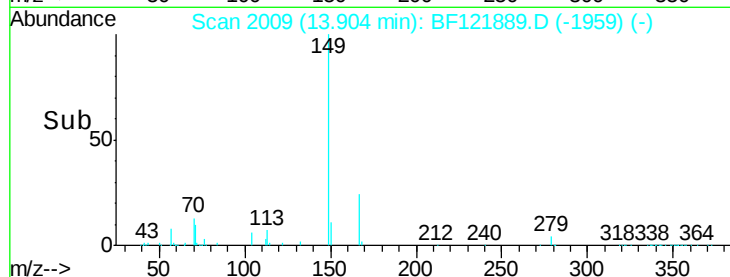
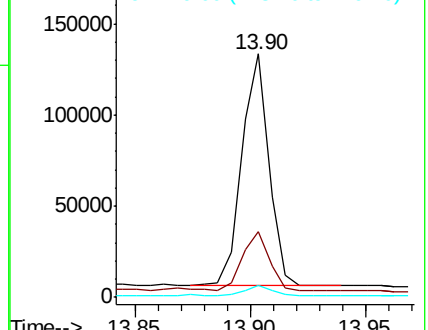
279 5.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF121889.D

Acq: 8 Oct 2020 15:11

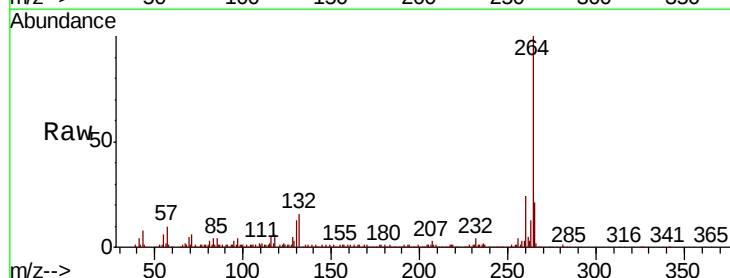
Tgt Ion:264 Resp: 247365

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.8 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

