

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119932.D
 Acq On : 14 Apr 2020 3:56
 Operator : MA/SJ
 Sample : L2205-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-C

Quant Time: Apr 14 05:14:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

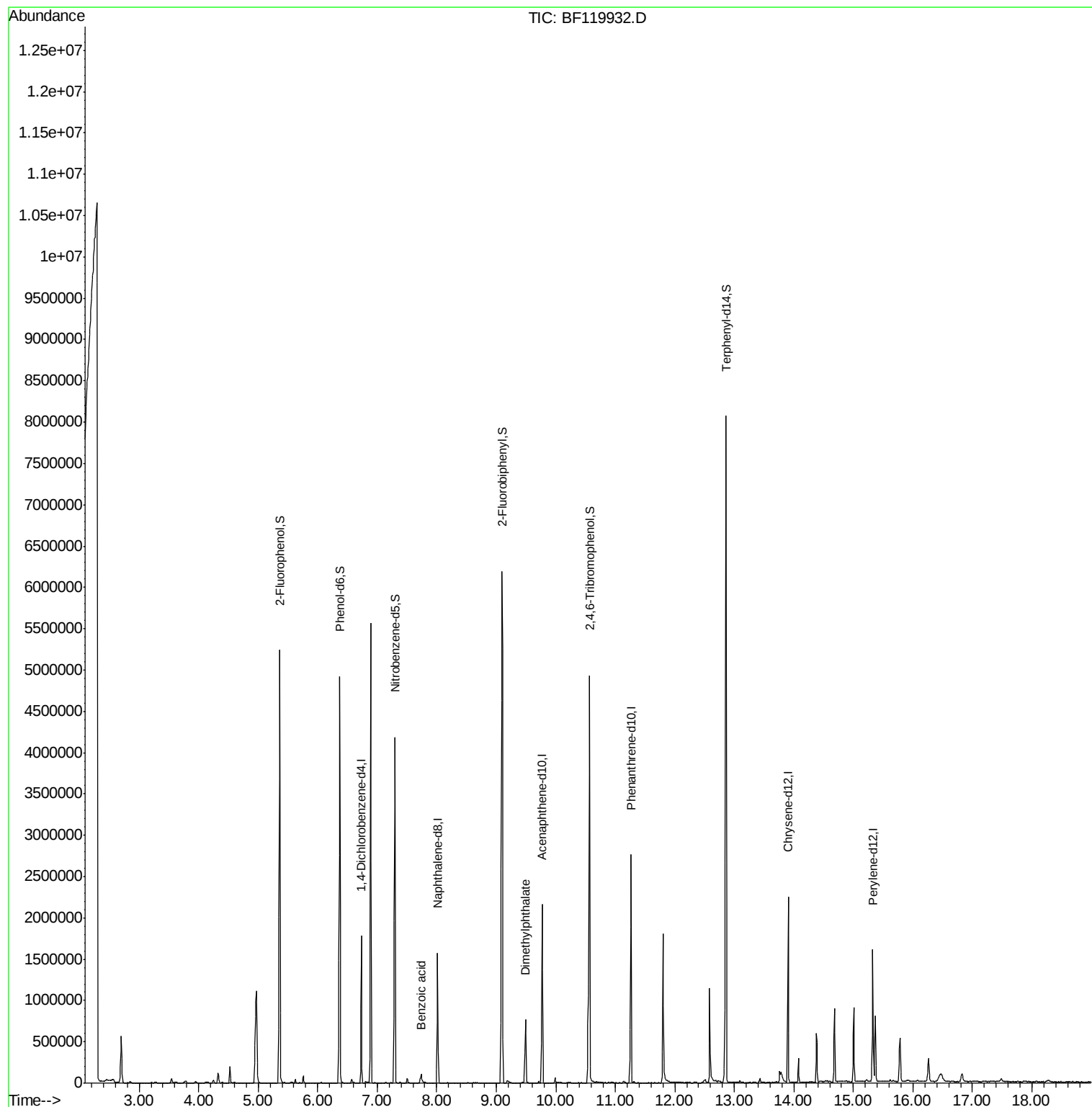
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	247668	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	967673	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	524305	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	1058199	20.00	ng	0.00
76) Chrysene-d12	13.90	240	829633	20.00	ng	0.00
87) Perylene-d12	15.33	264	705919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1709140	119.26	ng	0.03
7) Phenol-d6	6.37	99	1946976	105.43	ng	0.00
23) Nitrobenzene-d5	7.30	82	1515765	81.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	804124	125.27	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2896362	78.43	ng	-0.01
79) Terphenyl-d14	12.86	244	3536443	71.73	ng	0.00
Target Compounds						
32) Benzoic acid	7.74	122	41425	3.327	ng	94
50) Dimethylphthalate	9.49	163	412503	10.172	ng	99

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

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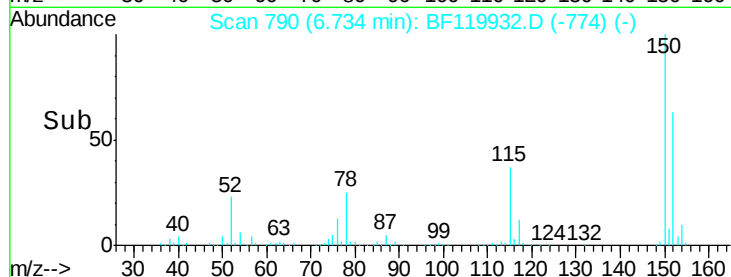
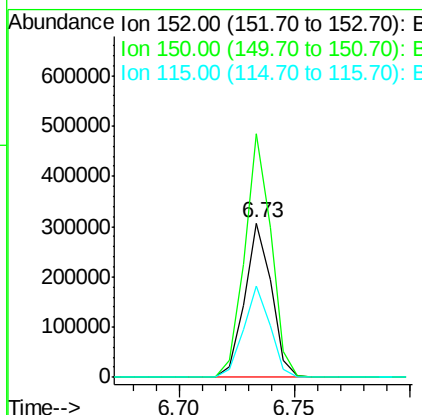
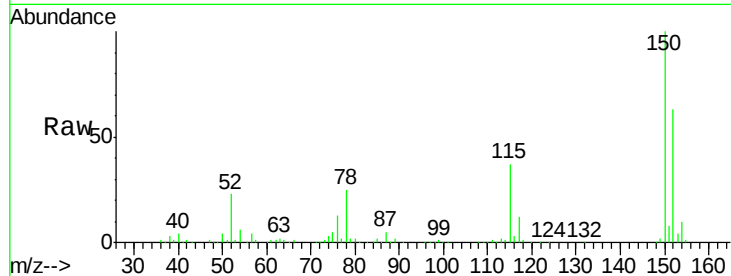


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

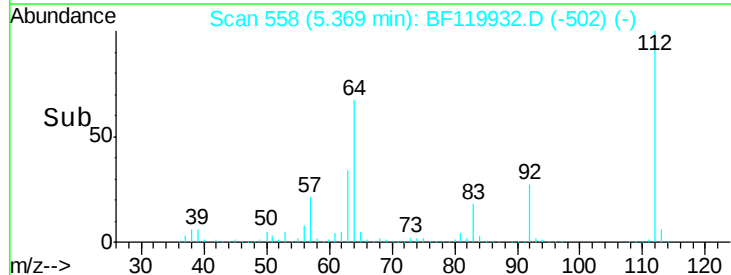
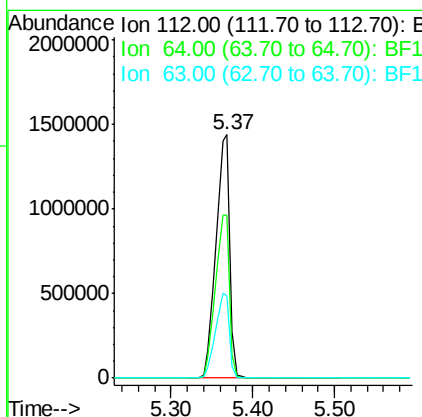
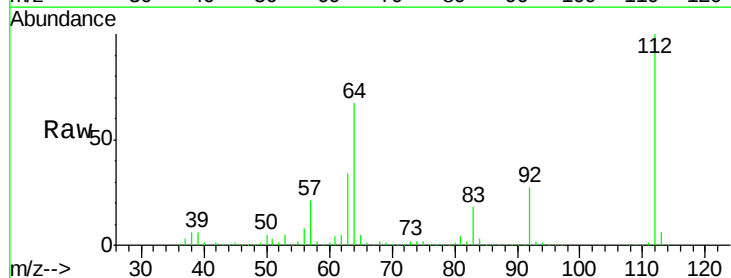
Tot Ion:152 Resp: 247668
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 58.9 46.5 69.7



#5

2-Fluorophenol
Concen: 119.261 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.03 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:112 Resp: 1709140
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 33.8 29.1 43.7





#7

Phenol-d6

Concen: 105.434 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

BNA_F

ClientSampleId :

JC-02-04082020-C

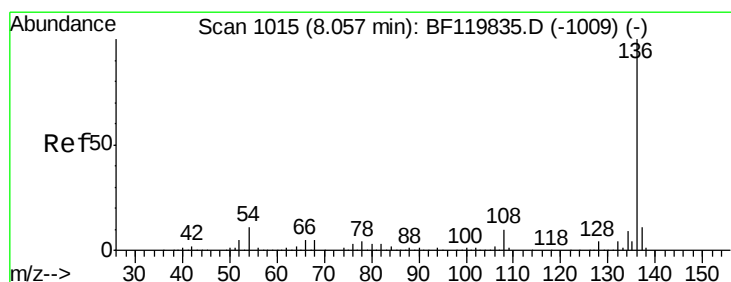
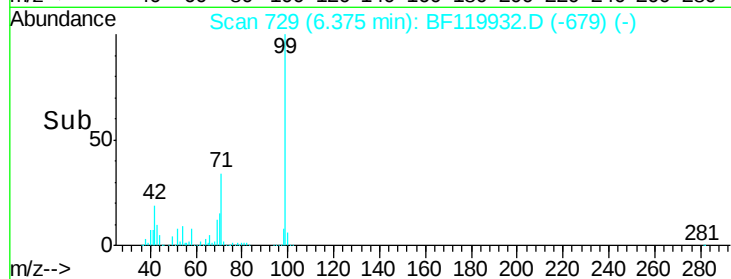
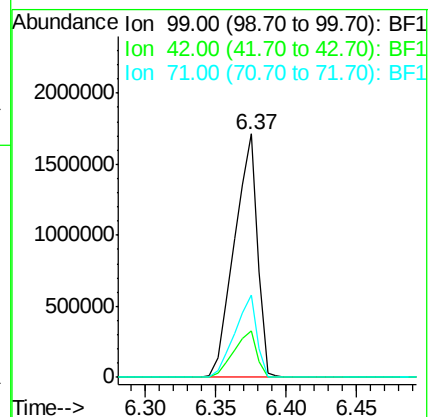
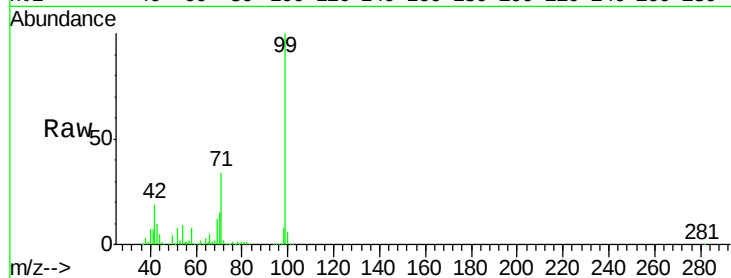
Tot Ion: 99 Resp: 1946976

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 33.6 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Tgt Ion: 136 Resp: 967673

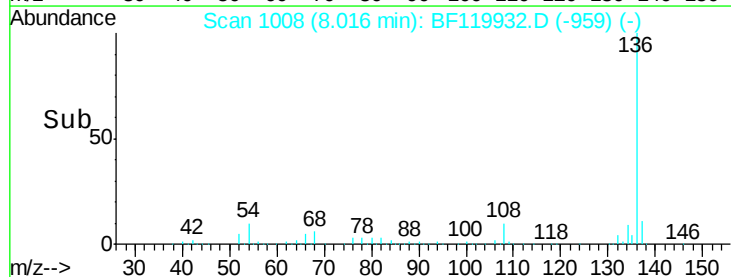
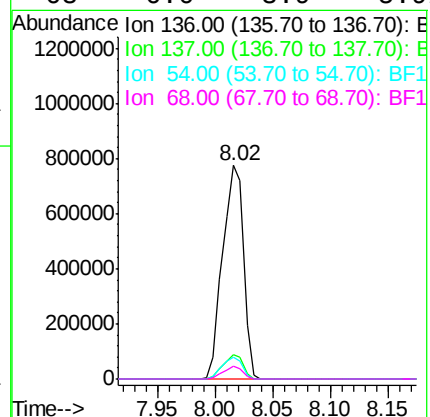
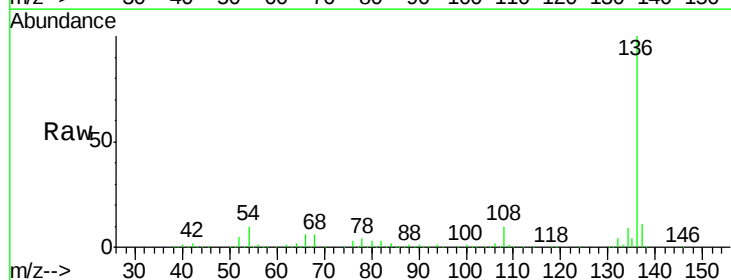
Ion Ratio Lower Upper

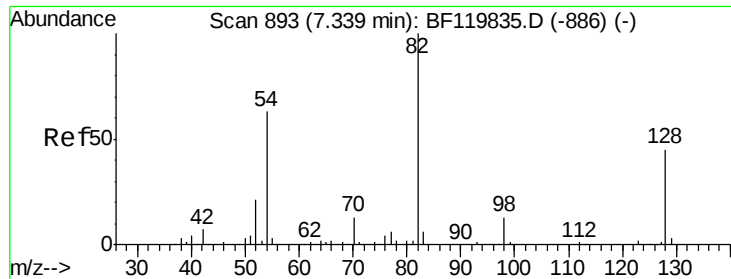
136 100

137 11.3 8.7 13.1

54 10.4 8.5 12.7

68 6.0 3.9 5.9#

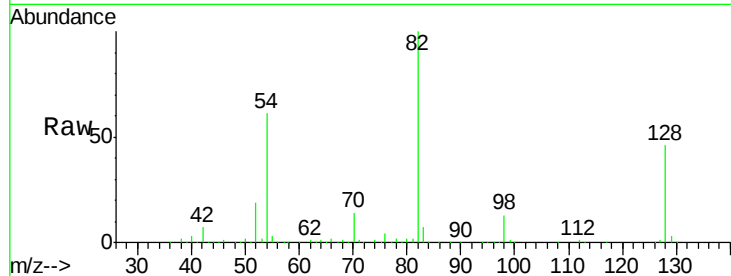




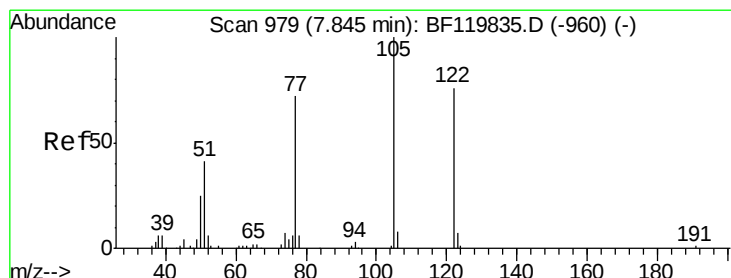
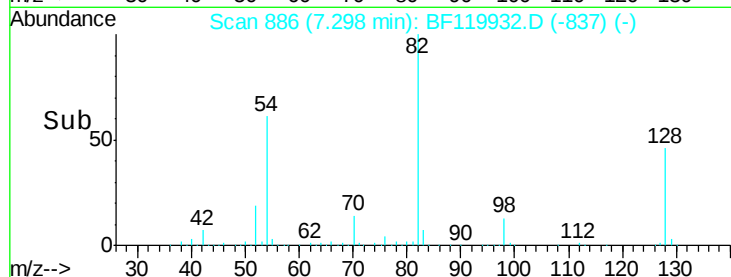
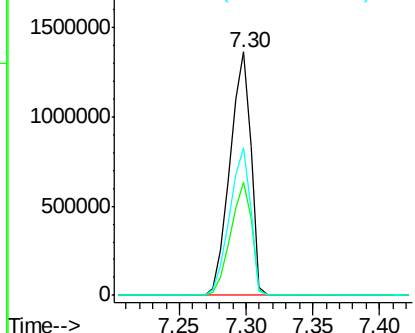
#23
Nitrobenzene-d5
Concen: 81.036 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion: 82 Resp: 1515765
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.4
54 60.6 50.4 75.6

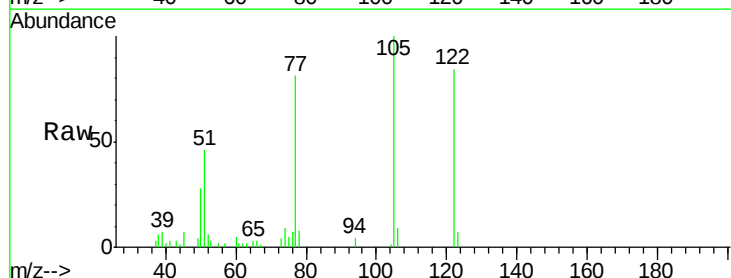


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

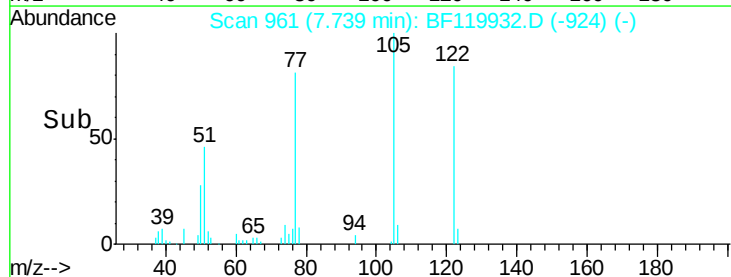
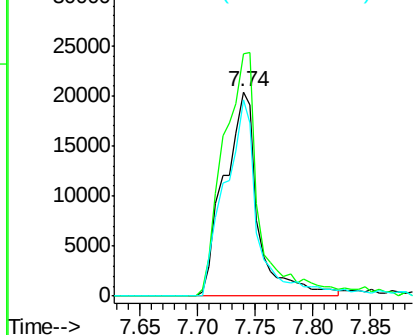


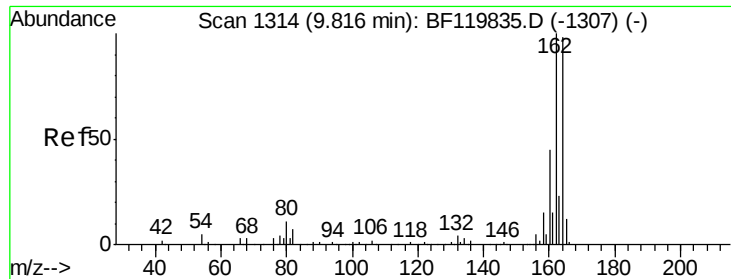
#32
Benzoic acid
Concen: 3.327 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.08 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:122 Resp: 41425
Ion Ratio Lower Upper
122 100
105 118.5 106.7 146.7
77 96.0 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

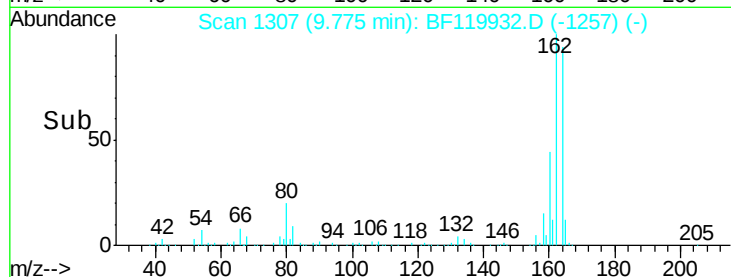
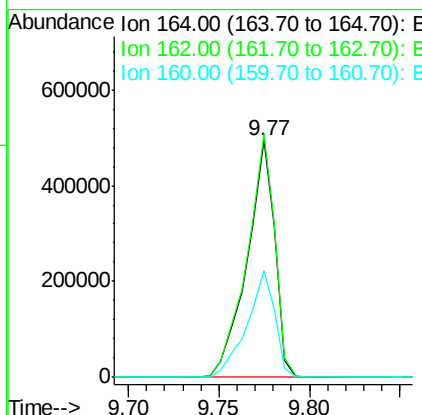
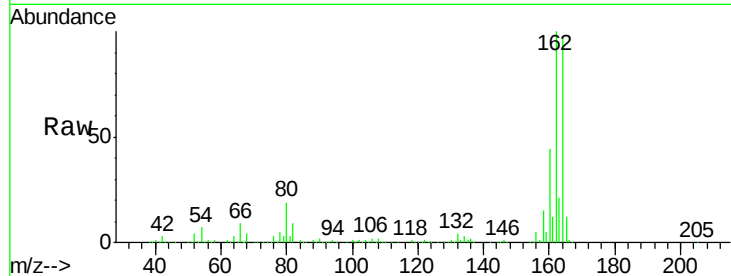




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119932.D
 Acq: 14 Apr 2020 3:56

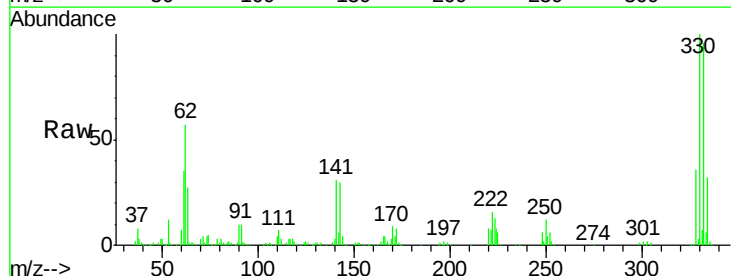
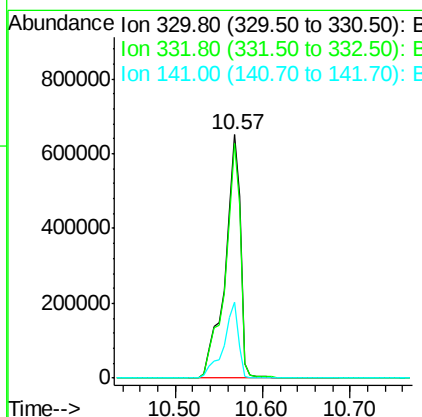
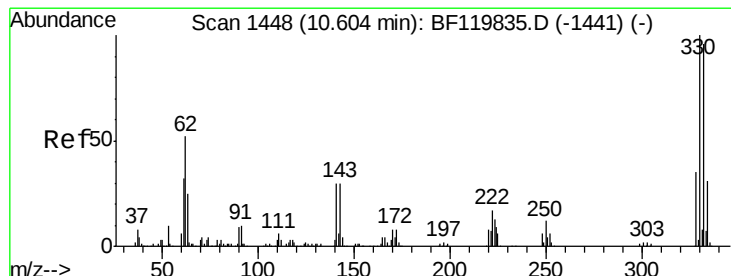
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-C

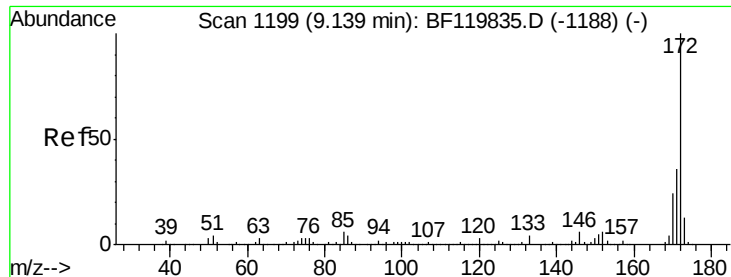
Tot Ion:164 Resp: 524305
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.9 122.9
 160 45.2 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 125.267 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119932.D
 Acq: 14 Apr 2020 3:56

Tgt Ion:330 Resp: 804124
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 30.1 25.1 37.7



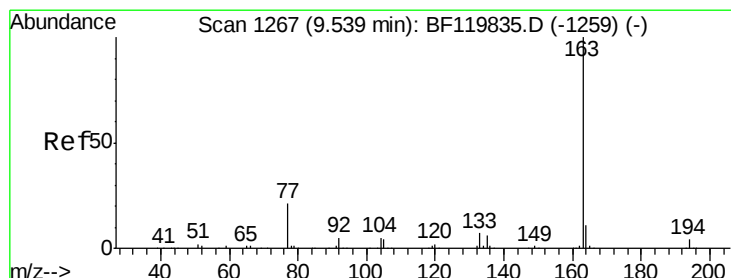
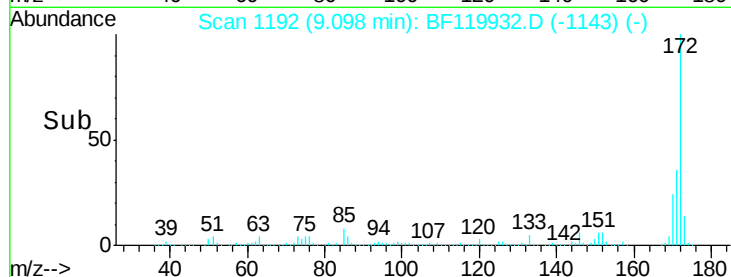
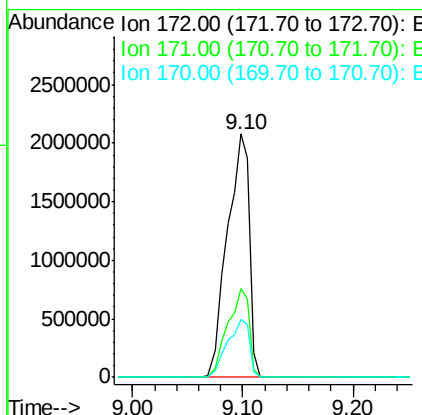
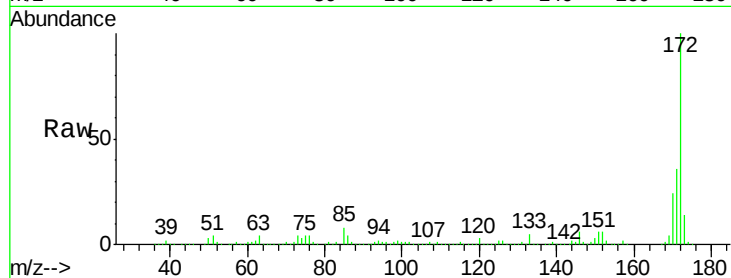


#45
2-Fluorobiphenyl
Concen: 78.432 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion:172 Resp: 2896362

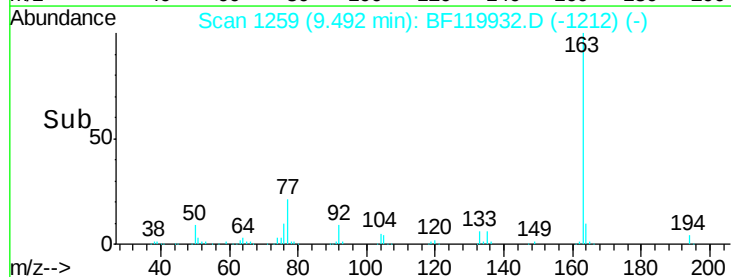
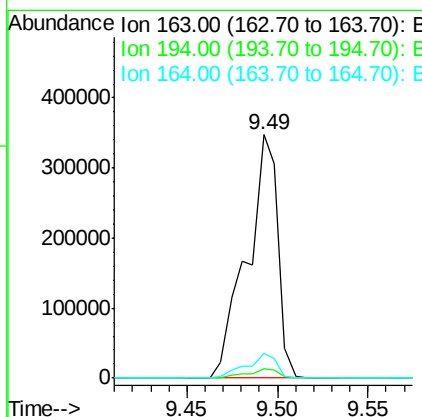
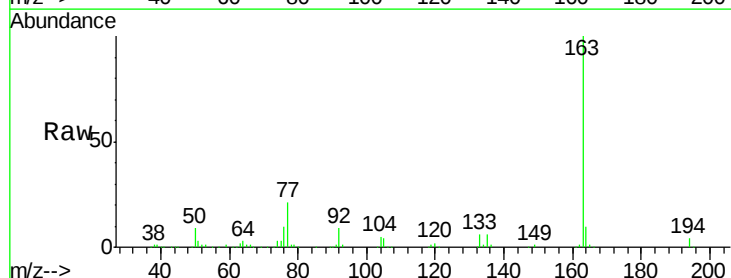
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.1	19.4	29.2

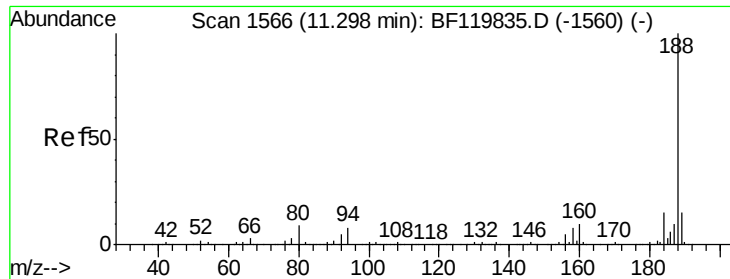


#50
Dimethylphthalate
Concen: 10.172 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:163 Resp: 412503

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	8.4	12.6

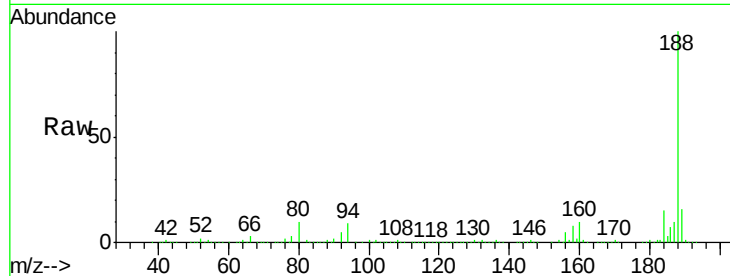




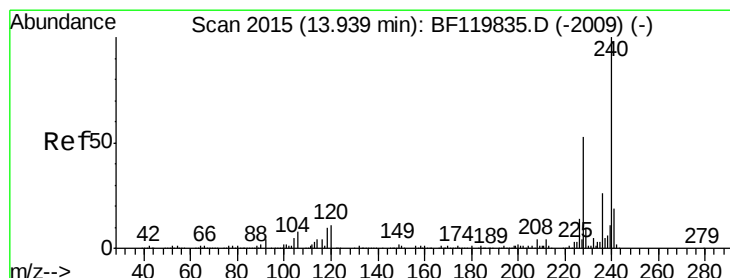
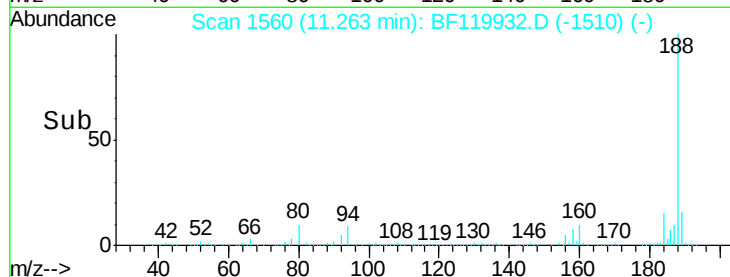
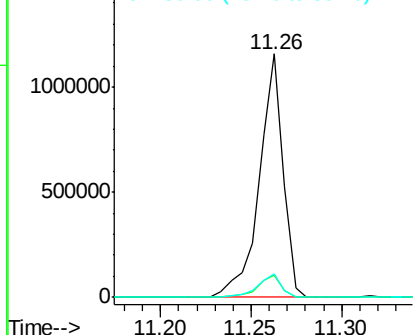
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-C

Tot Ion:188 Resp: 1058199
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.6 7.4 11.2

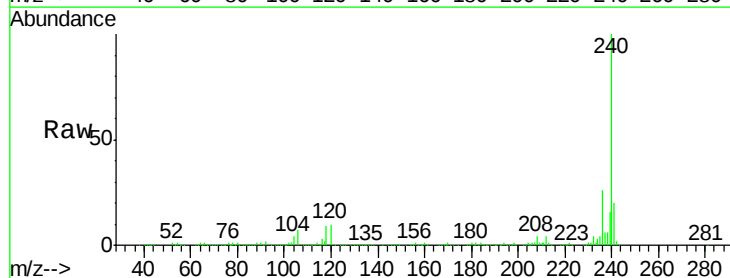


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

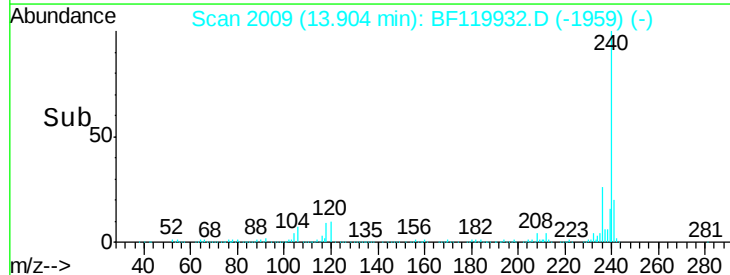
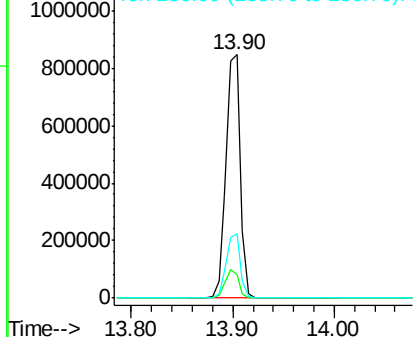


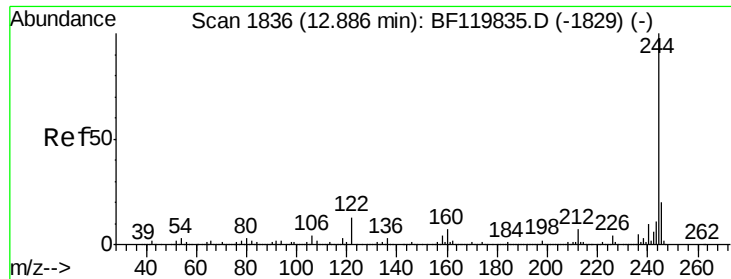
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119932.D
Acq: 14 Apr 2020 3:56

Tgt Ion:240 Resp: 829633
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 26.4 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: 71.726 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

Instrument :

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ClientSampleId :

JC-02-04082020-C

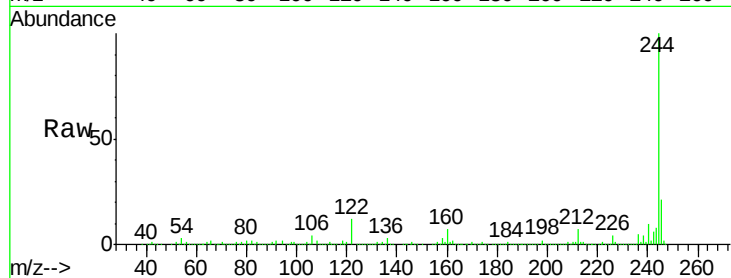
Tot Ion:244 Resp: 3536443

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

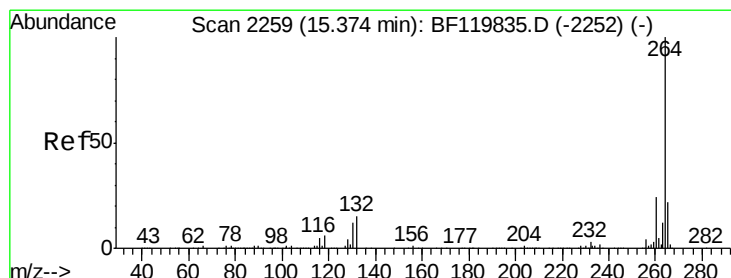
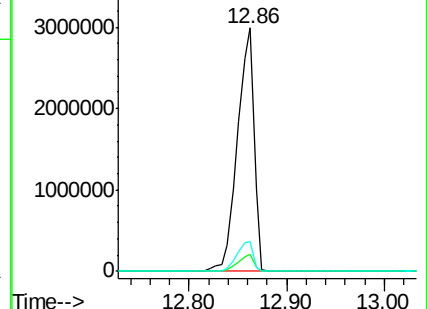
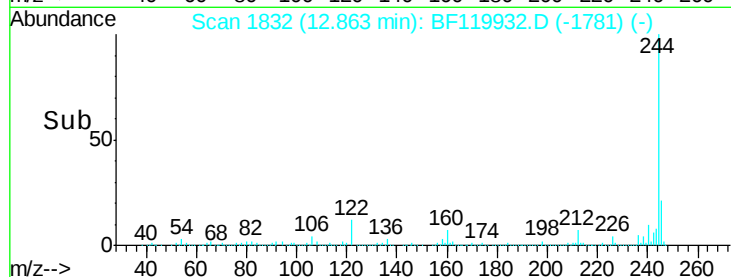
122 12.5 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119932.D

Acq: 14 Apr 2020 3:56

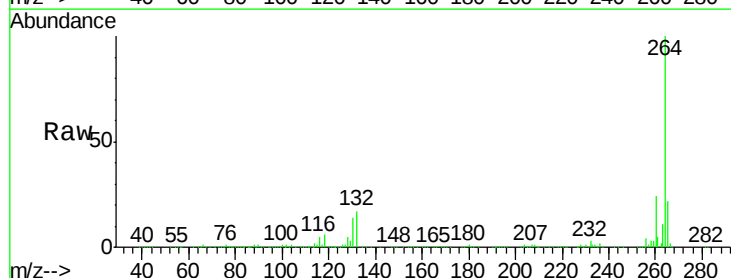
Tgt Ion:264 Resp: 705919

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.8 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

