

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119032.D
 Acq On : 24 Feb 2020 20:31
 Operator : CG/JU
 Sample : L1650-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Quant Time: Feb 25 01:07:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

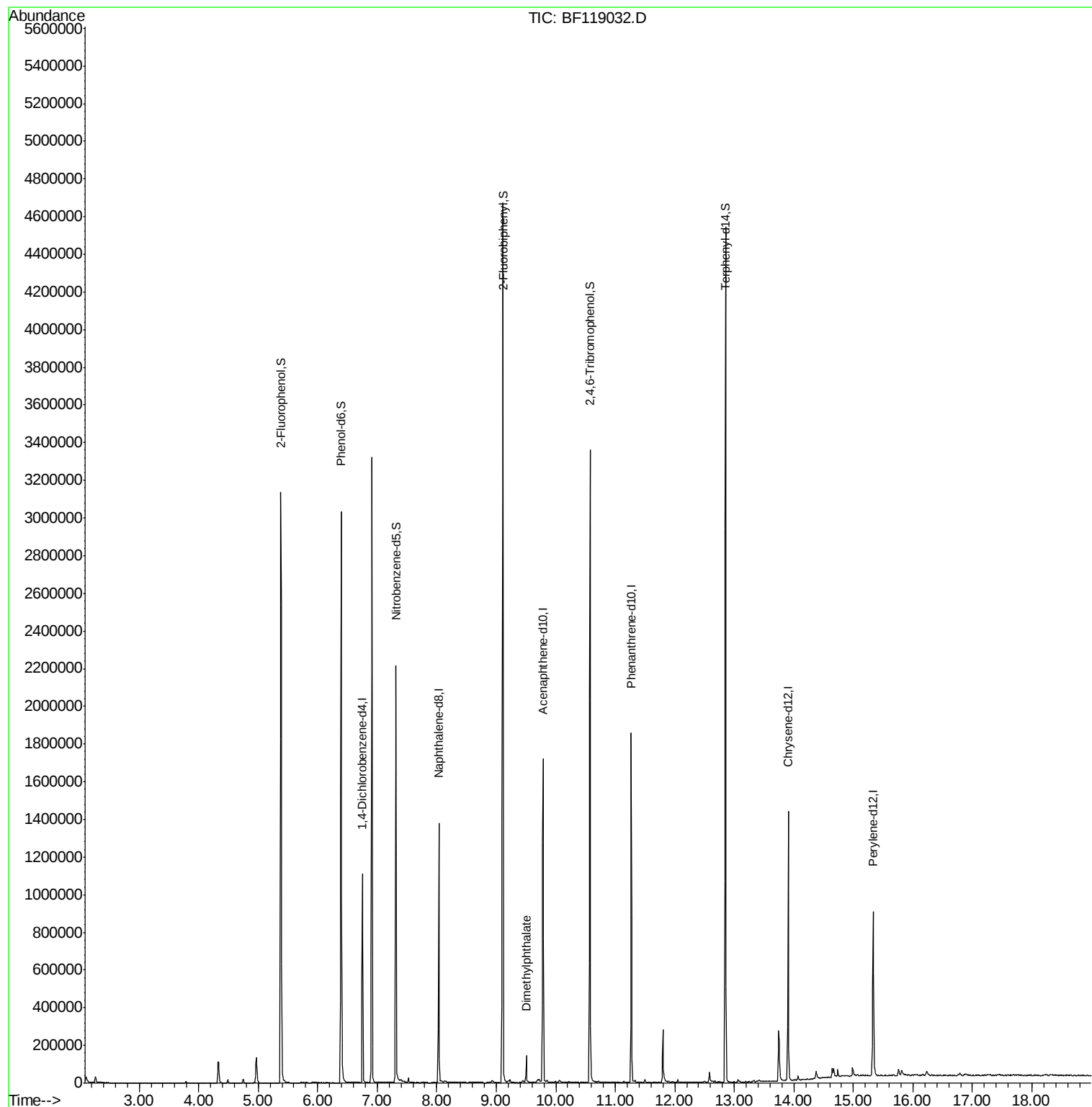
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168792	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	658093	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	357837	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	655768	20.00	ng	0.00
76) Chrysene-d12	13.90	240	470356	20.00	ng	0.00
87) Perylene-d12	15.33	264	427538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	968368	95.88	ng	0.00
7) Phenol-d6	6.40	99	1179547	96.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	787005	63.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	451801	96.52	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1518760	62.53	ng	-0.01
79) Terphenyl-d14	12.85	244	1756079	64.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	62289	2.276	ng	Qvalue 97

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

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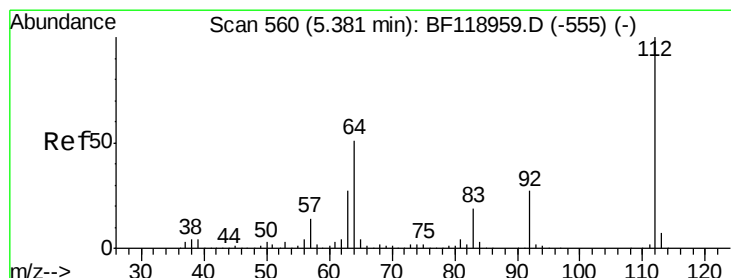
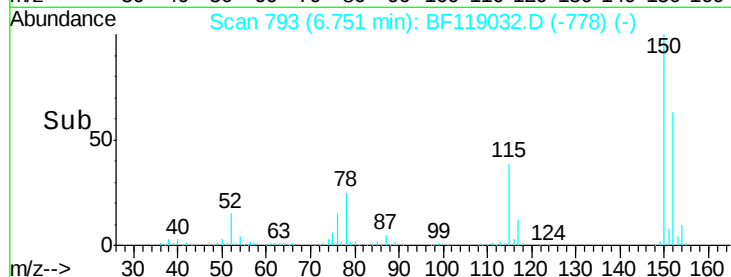
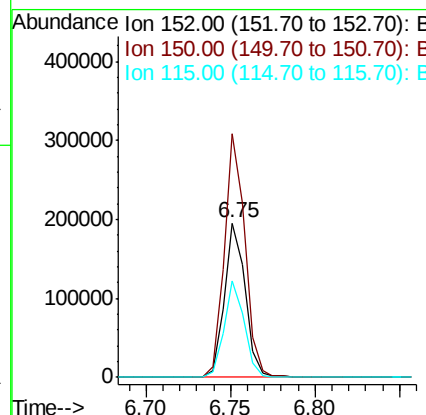
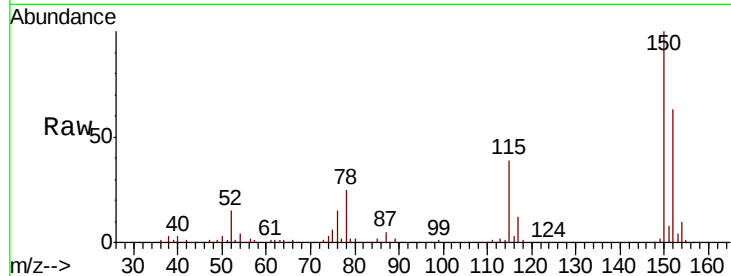


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampled :
EP-5

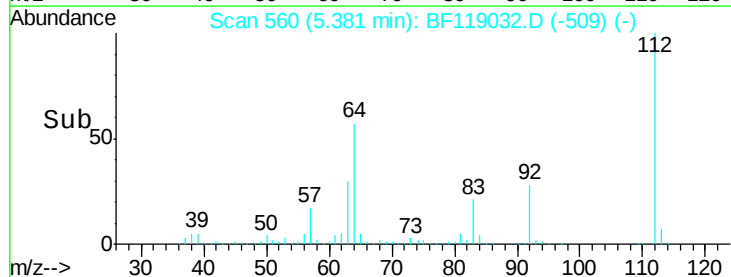
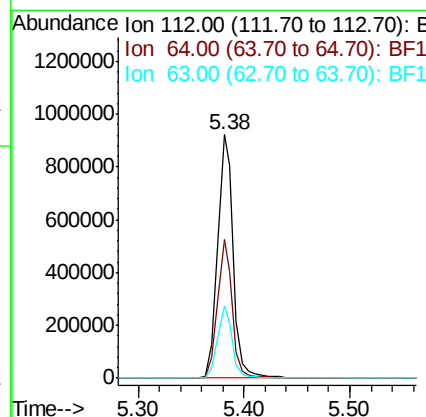
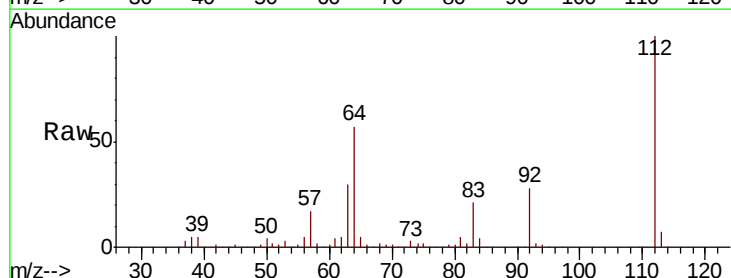
Tot Ion:152 Resp: 168792
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 62.0 44.6 67.0



#5

2-Fluorophenol
Concen: 95.876 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion:112 Resp: 968368
Ion Ratio Lower Upper
112 100
64 57.0 40.4 60.6
63 29.7 21.3 31.9





#7

Phenol-d6

Concen: 96.026 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampled :

EP-5

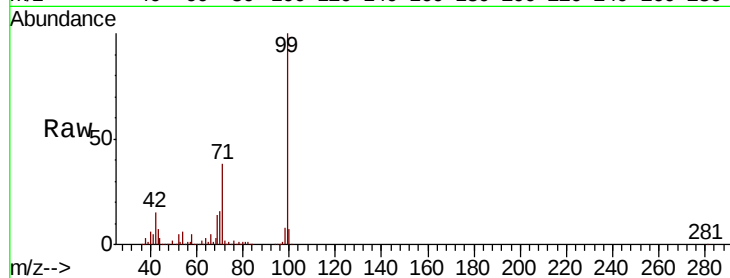
Tot Ion: 99 Resp: 1179547

Ion Ratio Lower Upper

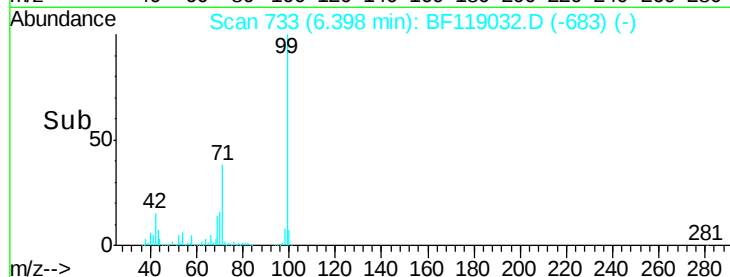
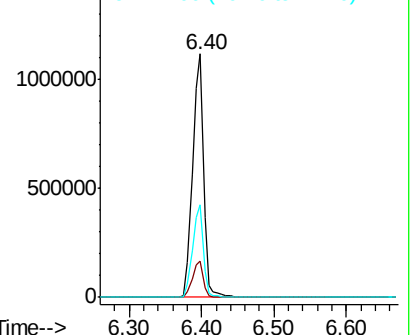
99 100

42 14.8 11.4 17.0

71 38.2 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Tgt Ion: 136 Resp: 658093

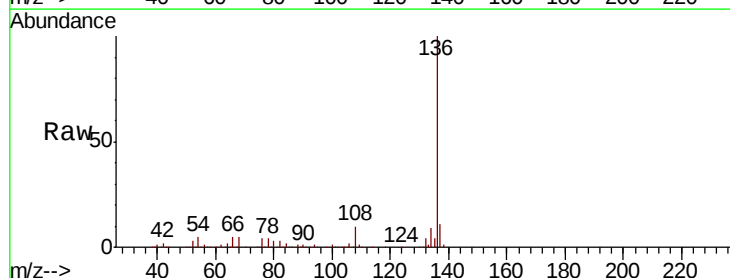
Ion Ratio Lower Upper

136 100

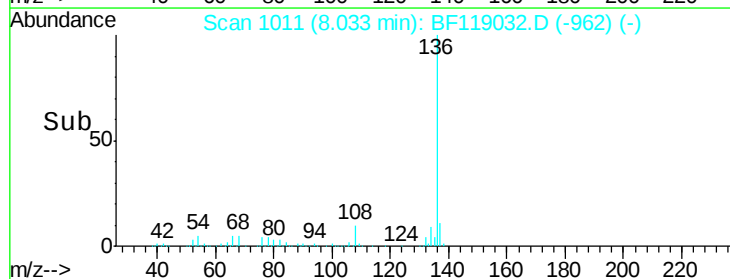
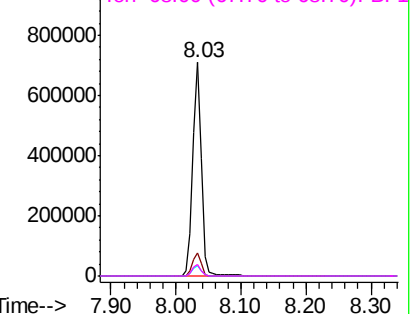
137 10.9 8.9 13.3

54 4.9 3.8 5.6

68 5.3 4.2 6.2



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

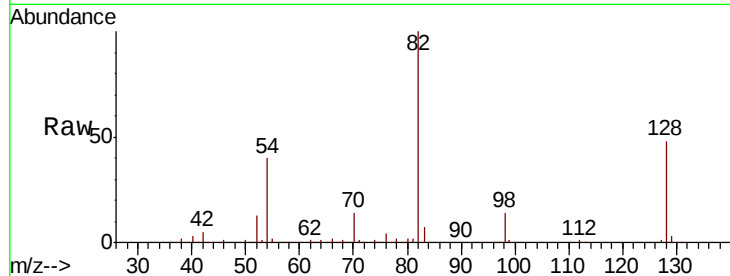




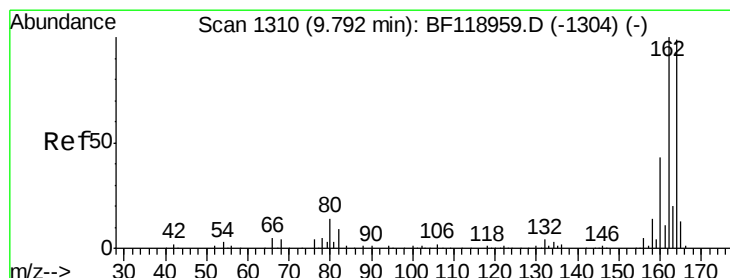
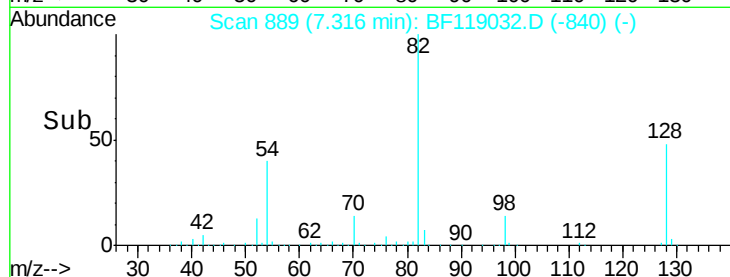
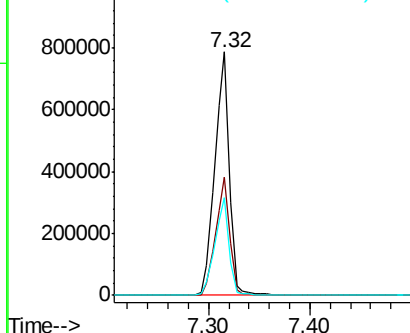
#23
Nitrobenzene-d5
Concen: 63.143 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampled :
EP-5

Tot Ion	82	Resp	787005
Ion Ratio	100	Lower	Upper
128	48.5	38.2	57.2
54	39.9	31.3	46.9

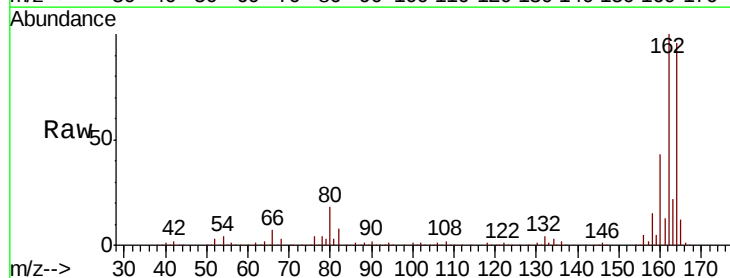


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

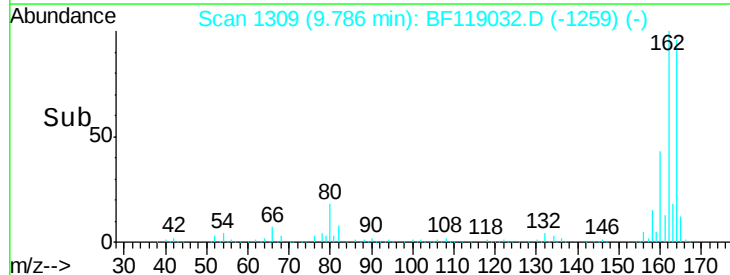
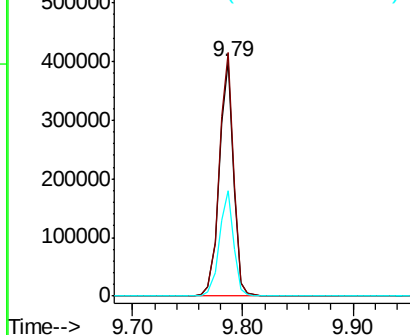


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion	164	Resp	357837
Ion Ratio	100	Lower	Upper
162	104.0	81.2	121.8
160	45.2	35.2	52.8



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: 96.516 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampleId :

EP-5

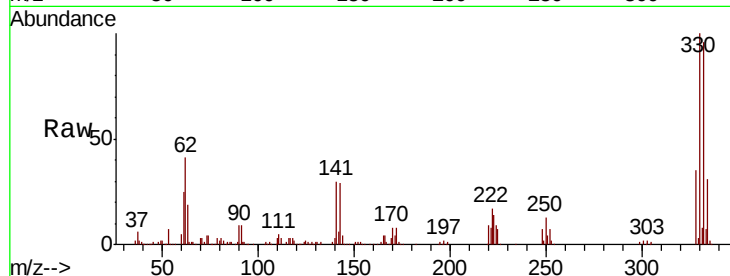
Tot Ion:330 Resp: 451801

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

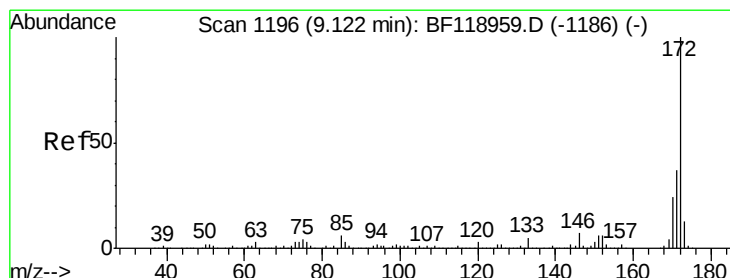
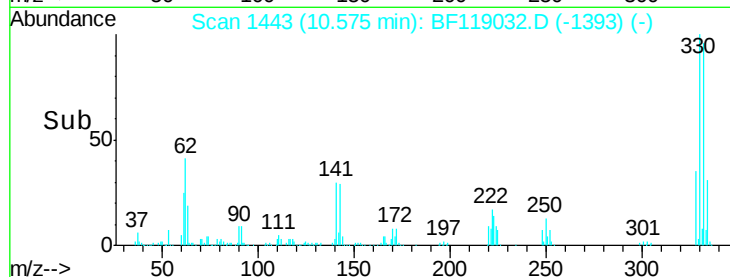
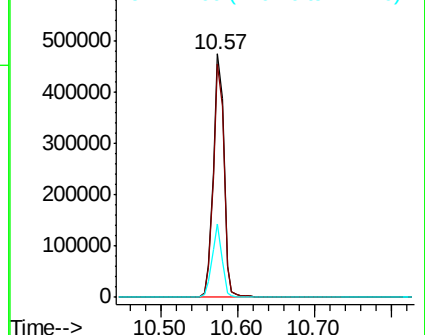
141 28.3 23.0 34.6



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: 62.526 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

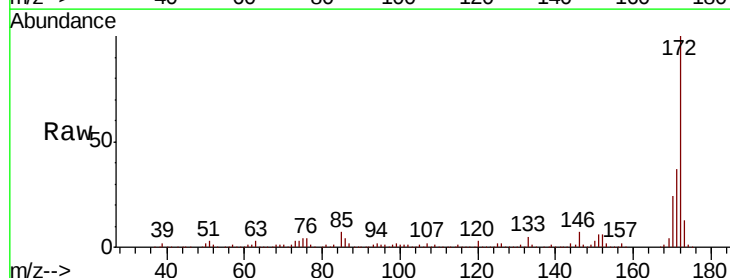
Tgt Ion:172 Resp: 1518760

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

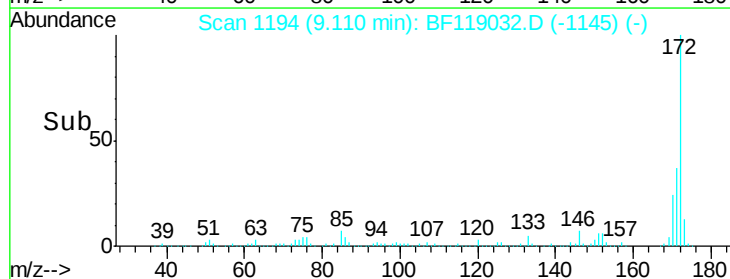
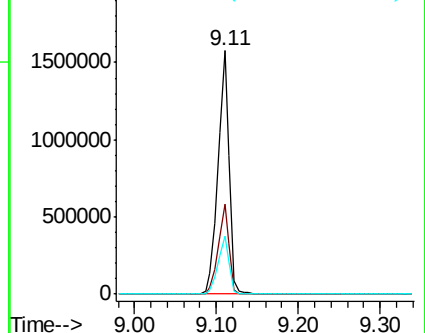
170 24.0 19.6 29.4

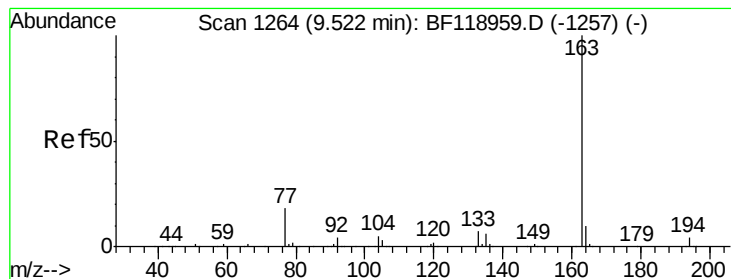


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.276 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

Instrument :

BNA_F

ClientSampleId :

EP-5

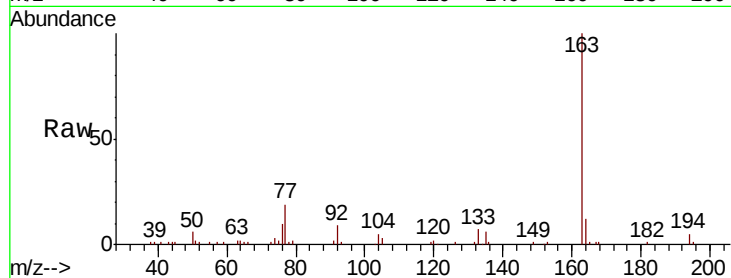
Tot Ion:163 Resp: 62289

Ion Ratio Lower Upper

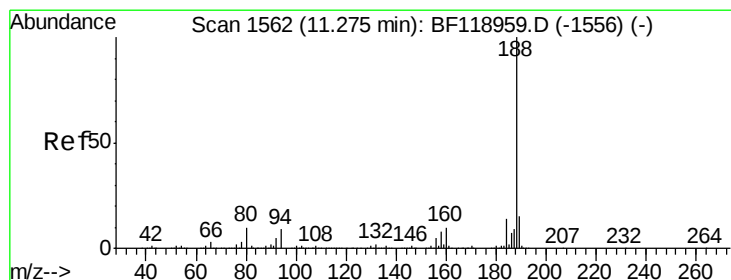
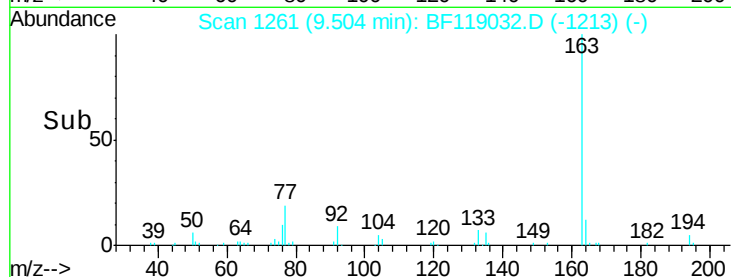
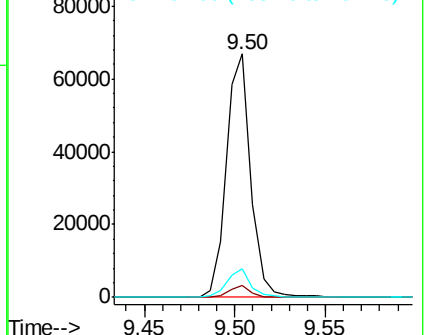
163 100

194 4.8 3.4 5.2

164 11.7 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119032.D

Acq: 24 Feb 2020 20:31

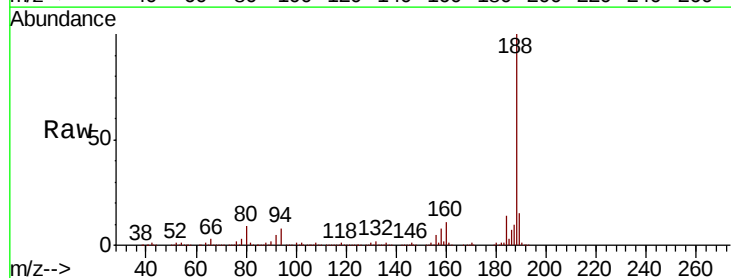
Tgt Ion:188 Resp: 655768

Ion Ratio Lower Upper

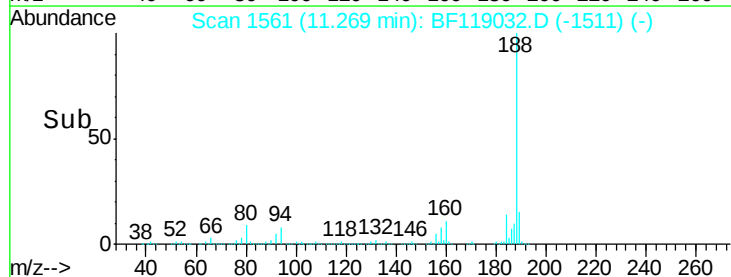
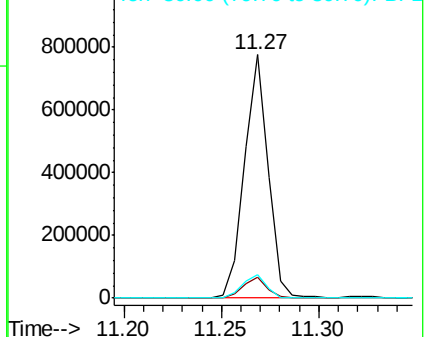
188 100

94 8.4 7.0 10.6

80 9.5 7.9 11.9



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

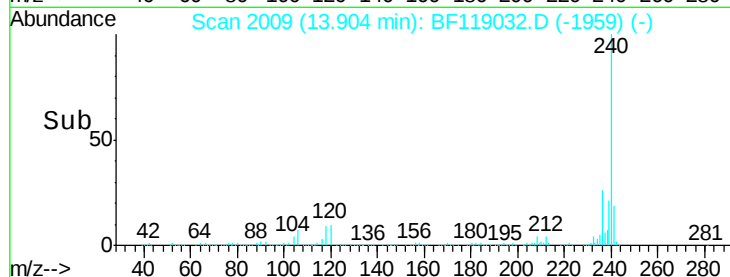
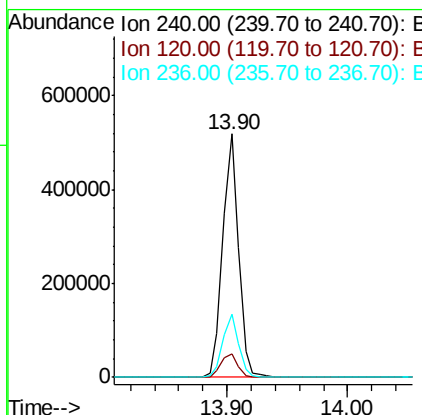
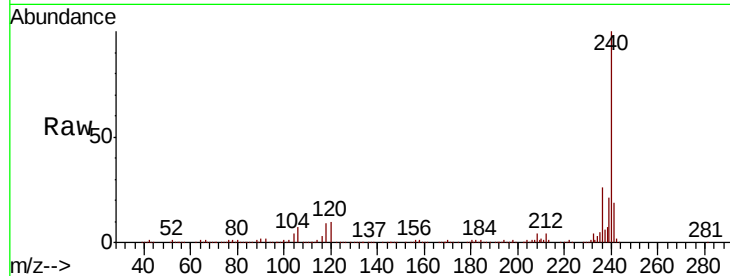




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

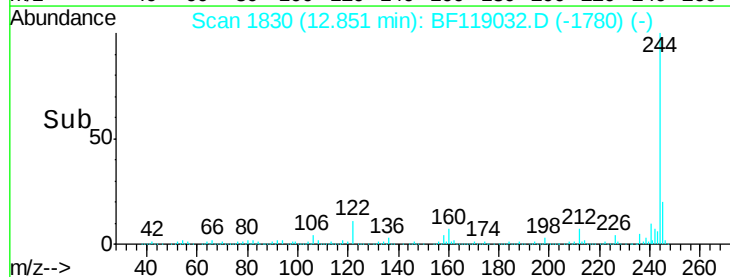
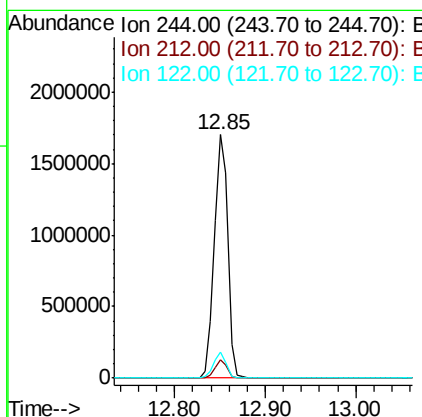
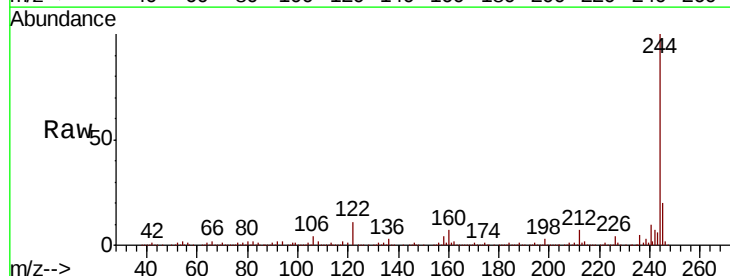
Instrument :
BNA_F
ClientSampleId :
EP-5

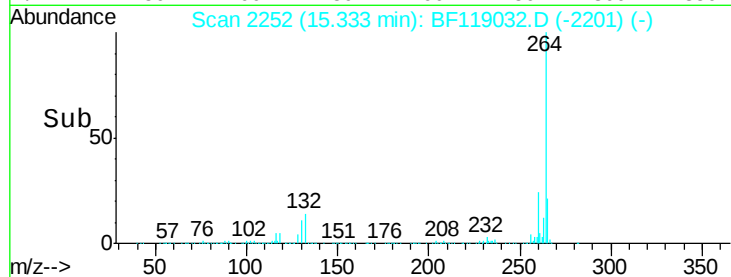
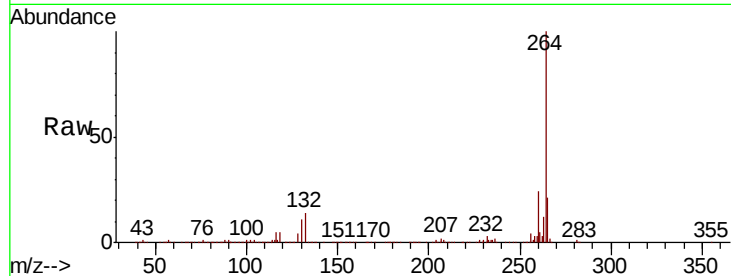
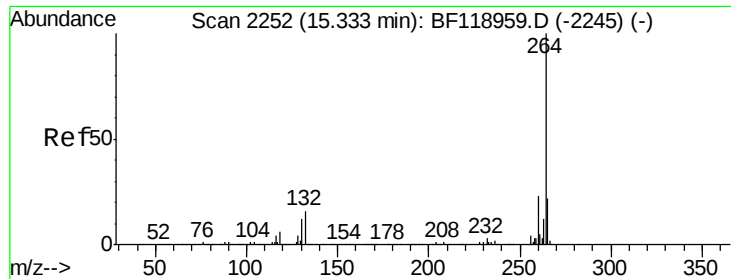
Tot Ion:240	Resp:	470356
Ion Ratio	Lower	Upper
240	100	
120	9.6	8.9 13.3
236	26.1	20.6 30.8



#79
Terphenyl-d14
Concen: 64.279 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Tgt Ion:244	Resp:	1756079
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.3 9.5
122	10.7	8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119032.D
Acq: 24 Feb 2020 20:31

Instrument :
BNA_F
ClientSampleId :
EP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	20.8	17.3	25.9

