

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119030.D
 Acq On : 24 Feb 2020 19:32
 Operator : CG/JU
 Sample : L1650-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-3

Quant Time: Feb 25 01:03:12 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	172127	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	661930	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	366969	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	676479	20.00	ng	0.00
76) Chrysene-d12	13.90	240	488192	20.00	ng	0.00
87) Perylene-d12	15.33	264	446527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	952351	92.46	ng	0.00
7) Phenol-d6	6.40	99	1139062	90.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	752317	60.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	417453	86.96	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1474055	59.17	ng	-0.01
79) Terphenyl-d14	12.85	244	1757551	61.98	ng	0.00

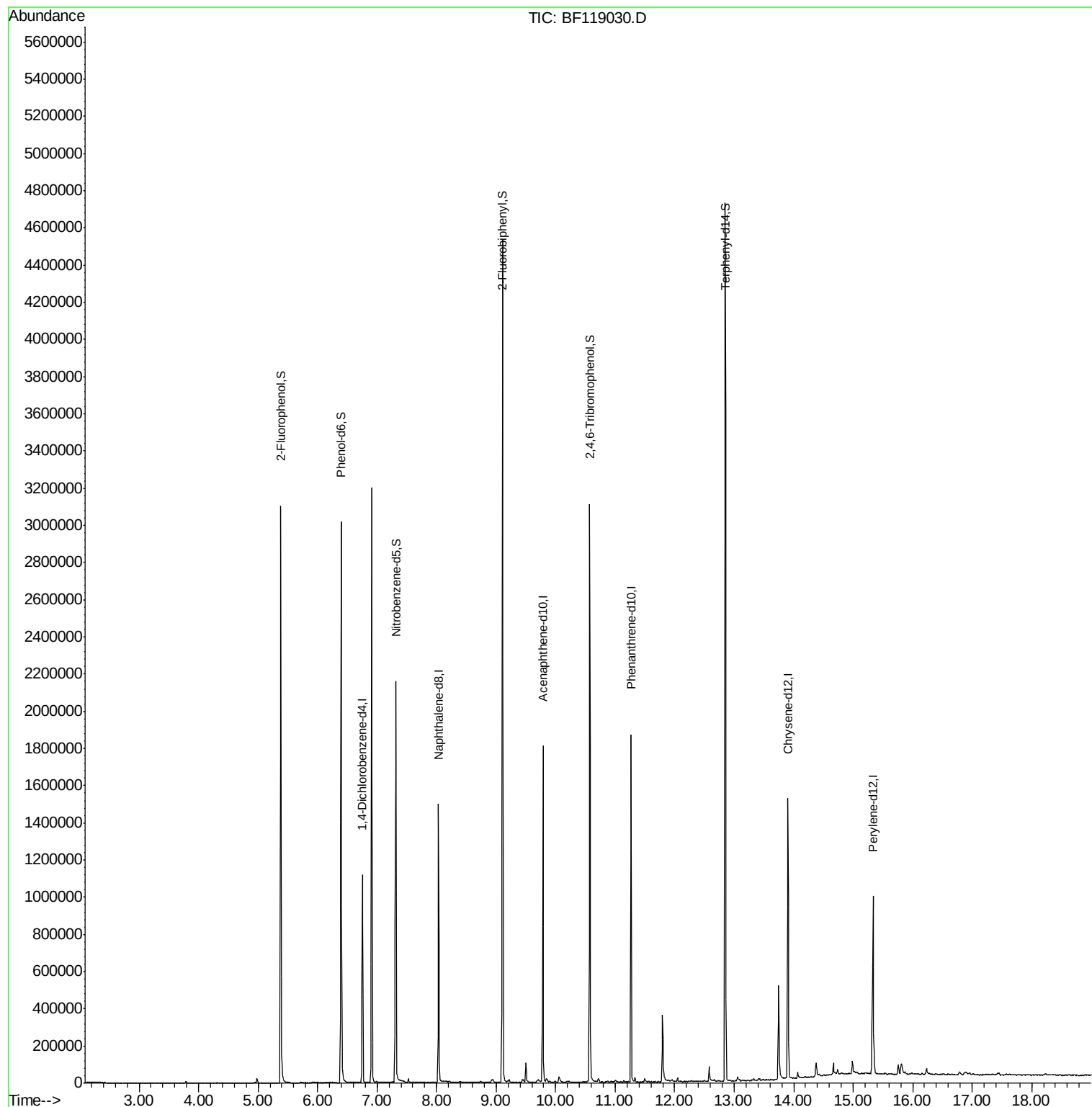
Target Compounds Qvalue

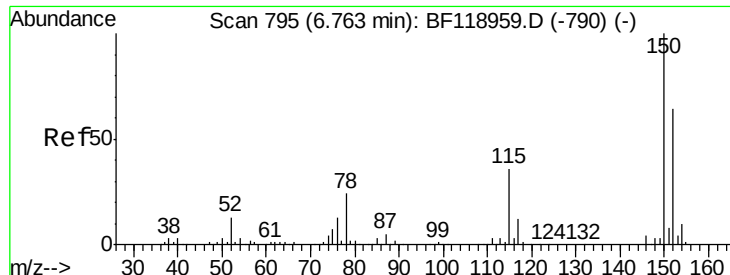
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampled :

EP-3

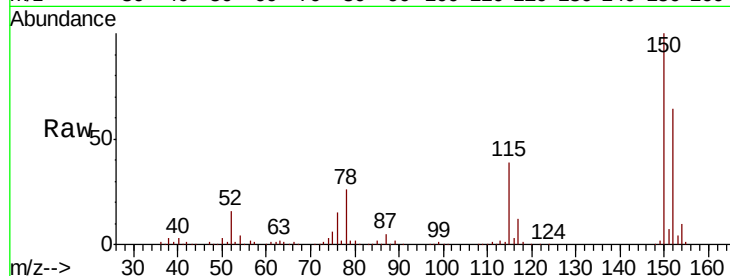
Tot Ion:152 Resp: 172127

Ion Ratio Lower Upper

152 100

150 155.6 124.3 186.5

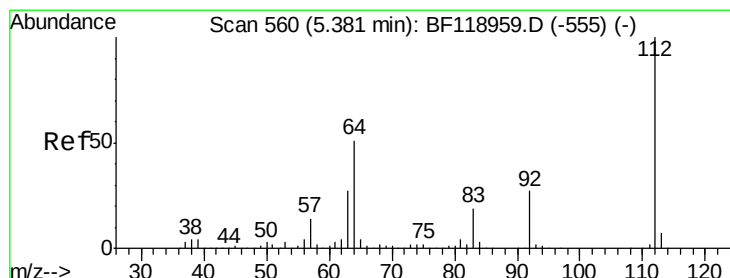
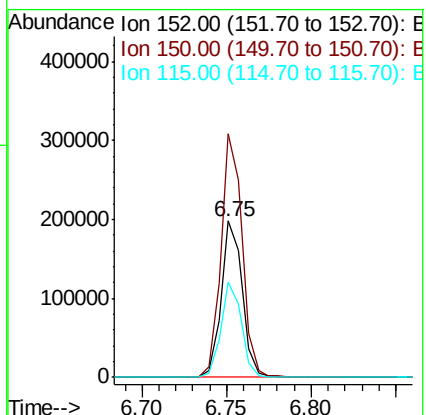
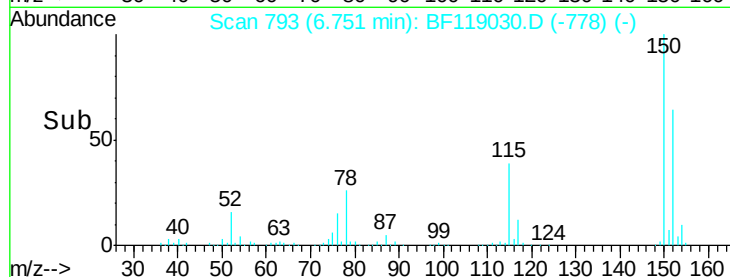
115 61.0 44.6 67.0



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: 92.464 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

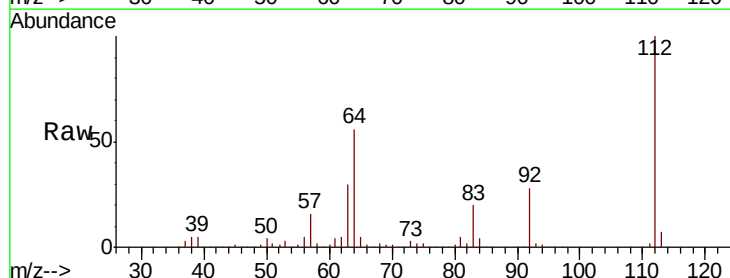
Tgt Ion:112 Resp: 952351

Ion Ratio Lower Upper

112 100

64 56.3 40.4 60.6

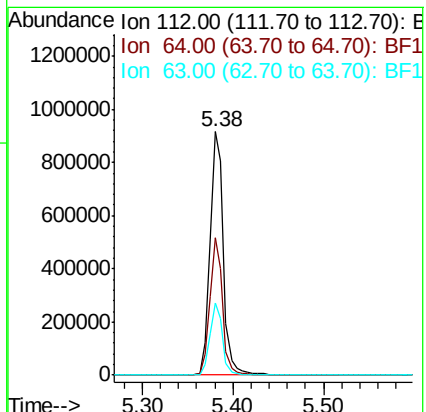
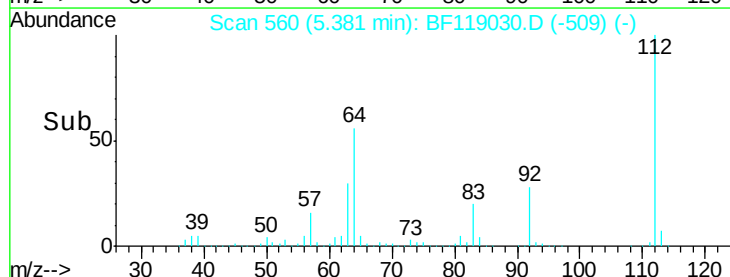
63 29.5 21.3 31.9

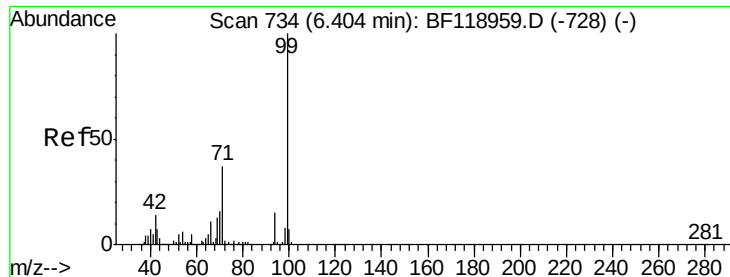


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.933 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampled :

EP-3

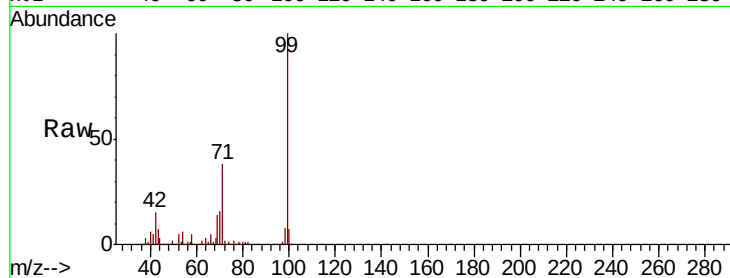
Tot Ion: 99 Resp: 1139062

Ion Ratio Lower Upper

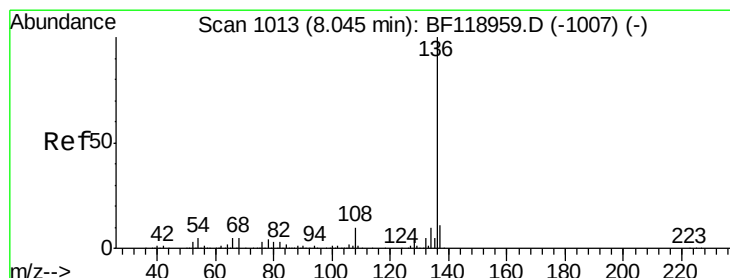
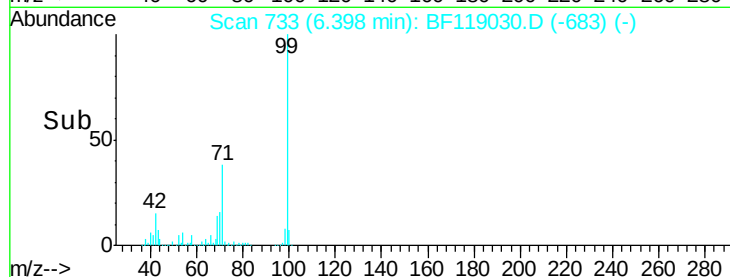
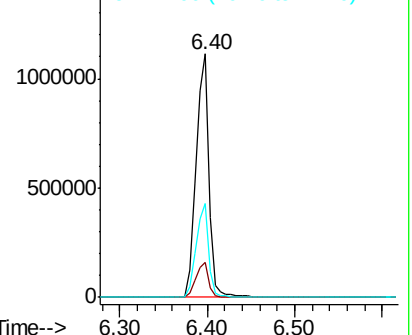
99 100

42 14.5 11.4 17.0

71 38.4 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: BF119030.D

Acq: 24 Feb 2020 19:32

Tgt Ion: 136 Resp: 661930

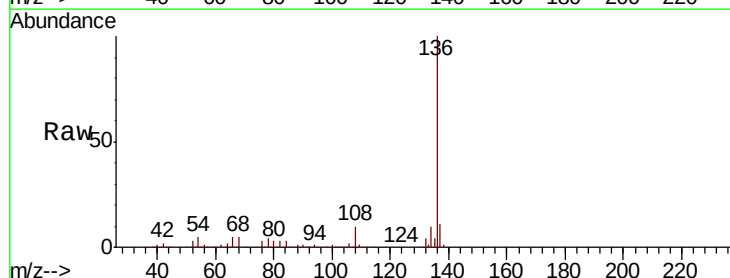
Ion Ratio Lower Upper

136 100

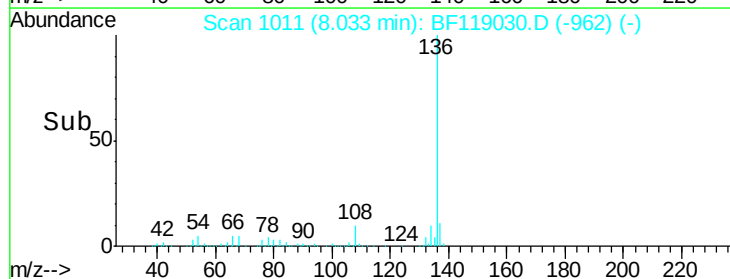
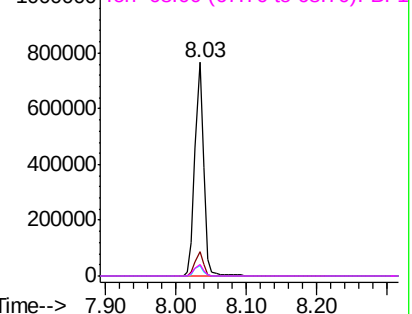
137 11.4 8.9 13.3

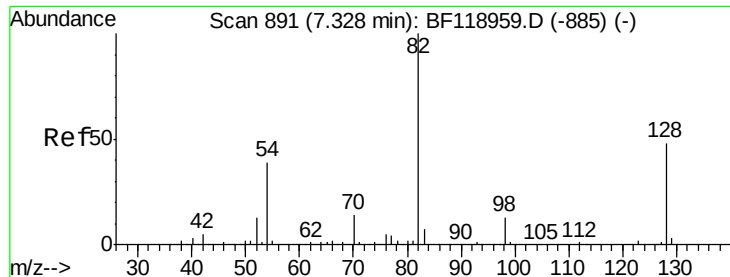
54 5.0 3.8 5.6

68 5.4 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
1200000 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

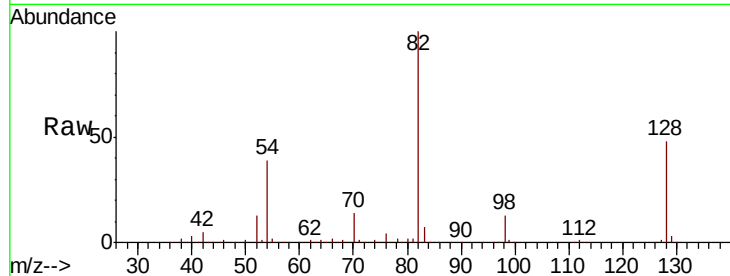




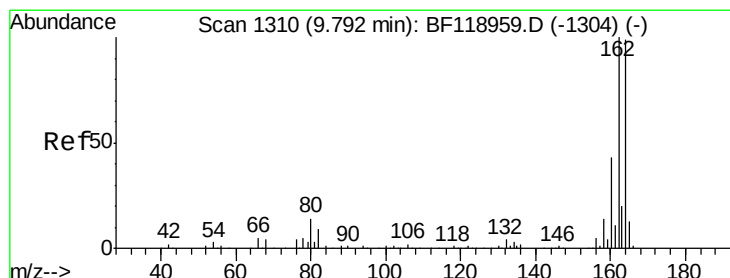
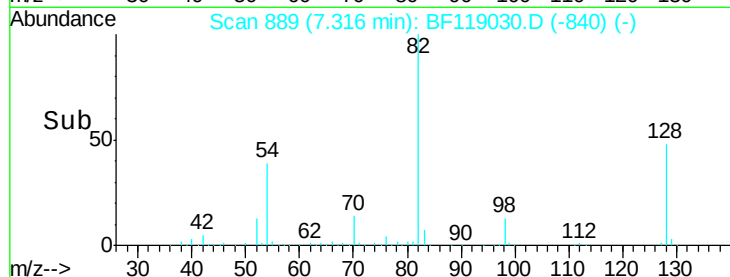
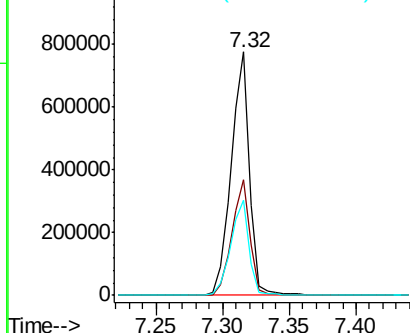
#23
Nitrobenzene-d5
Concen: 60.010 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Instrument :
BNA_F
ClientSampled :
EP-3

Tot Ion	82	Resp	752317
Ion Ratio	100	Lower	Upper
128	47.5	38.2	57.2
54	39.0	31.3	46.9

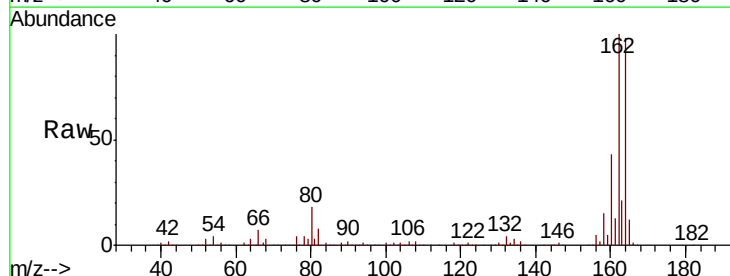


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

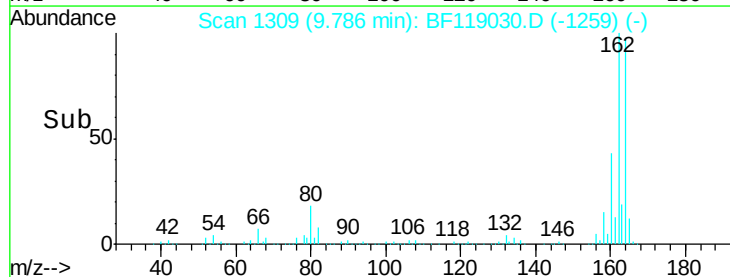
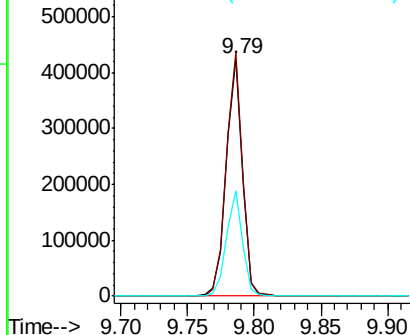


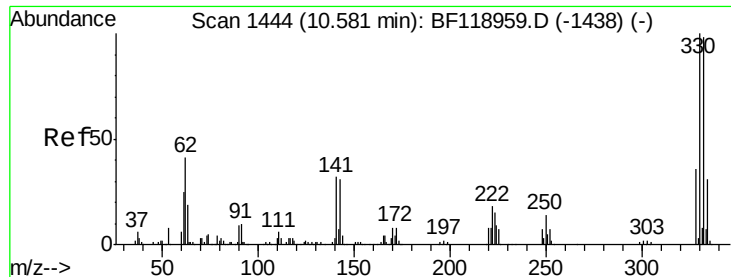
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Tgt Ion	164	Resp	366969
Ion Ratio	100	Lower	Upper
162	102.5	81.2	121.8
160	44.4	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

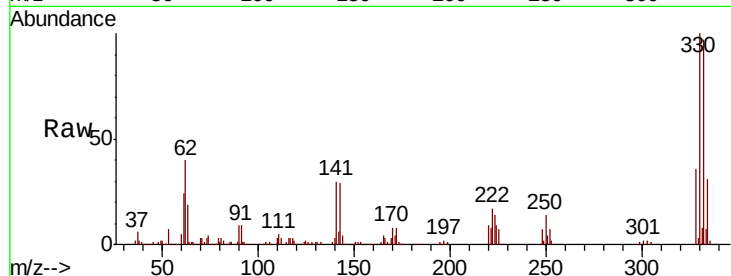




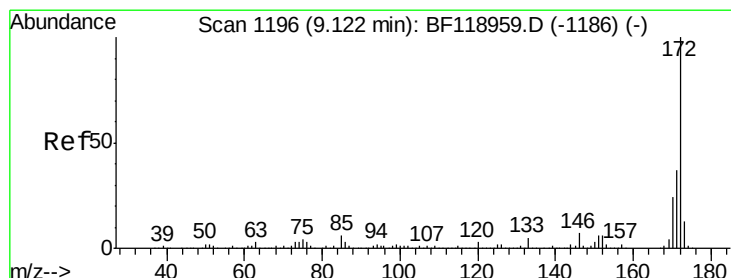
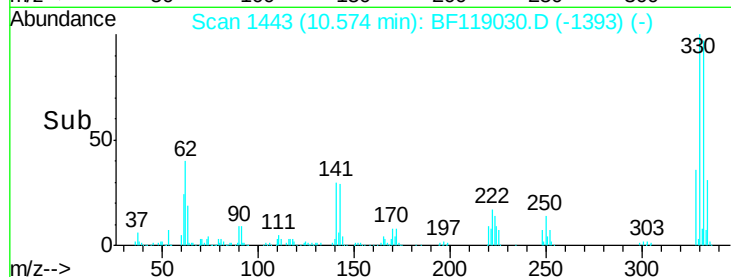
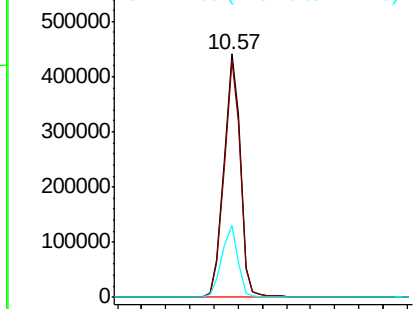
#42
 2,4,6-Tribromophenol
 Concen: 86.959 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119030.D
 Acq: 24 Feb 2020 19:32

Instrument :
 BNA_F
 ClientSampleId :
 EP-3

Tot Ion:330 Resp: 417453
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 29.2 23.0 34.6

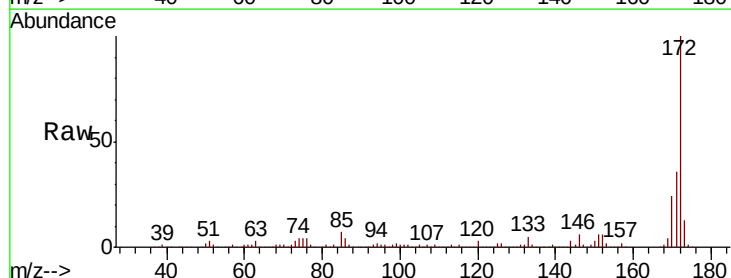


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

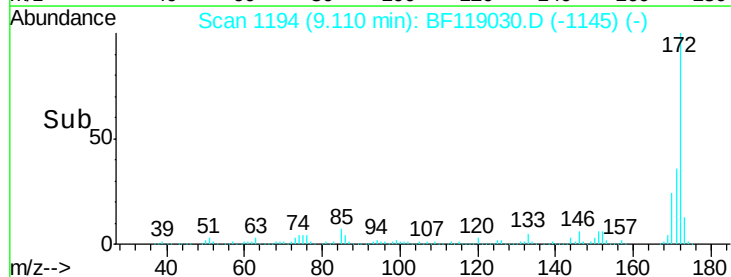
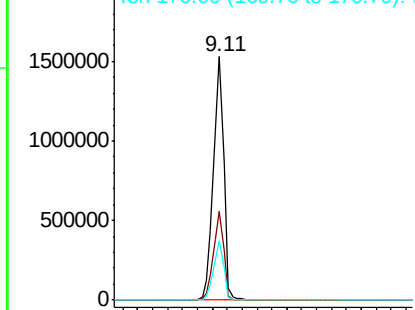


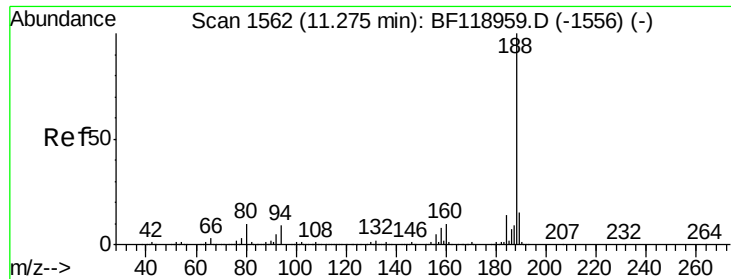
#45
 2-Fluorobiphenyl
 Concen: 59.175 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119030.D
 Acq: 24 Feb 2020 19:32

Tgt Ion:172 Resp: 1474055
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.2 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

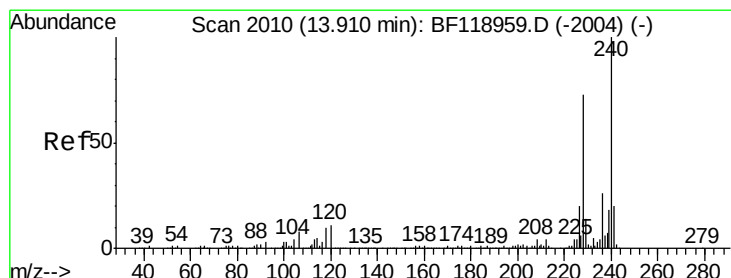
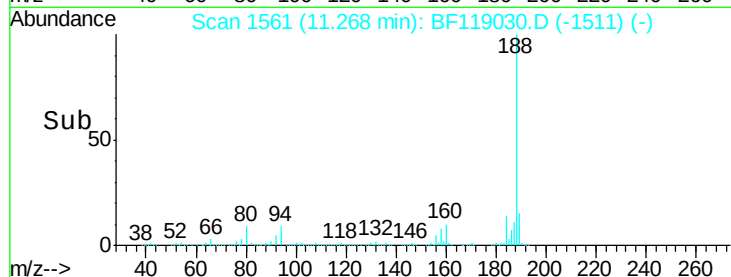
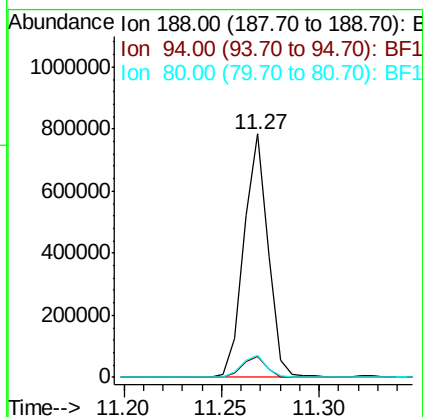
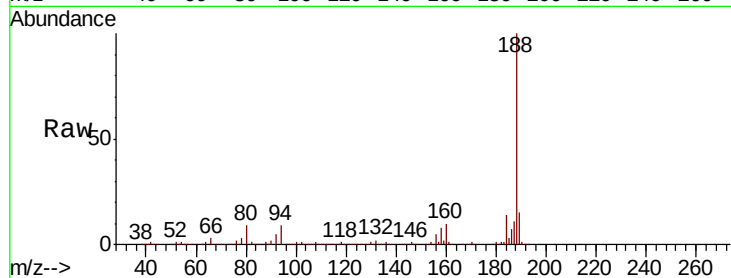




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

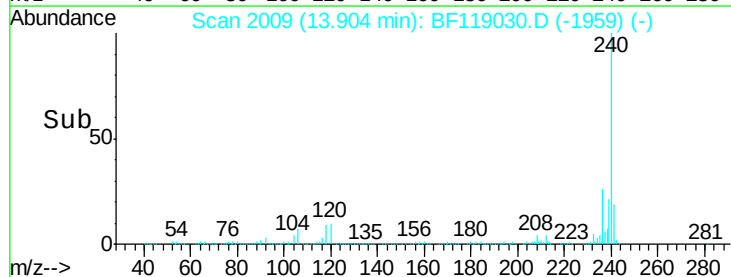
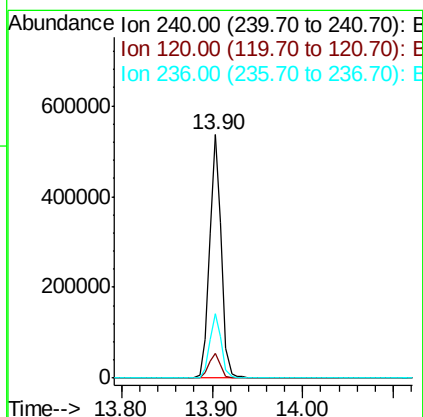
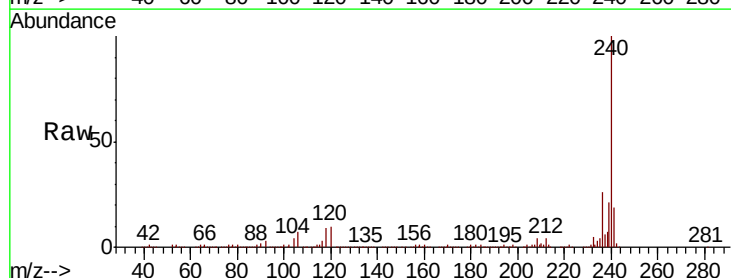
Instrument :
BNA_F
ClientSampled :
EP-3

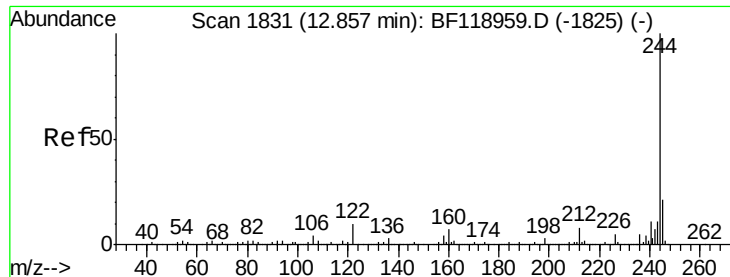
Tot Ion:188 Resp: 676479
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Tgt Ion:240 Resp: 488192
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 61.982 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampled :

EP-3

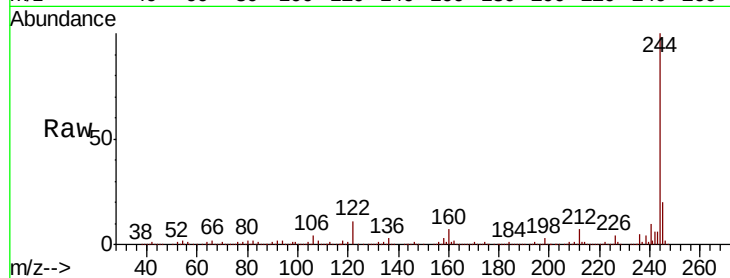
Tot Ion:244 Resp: 1757551

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

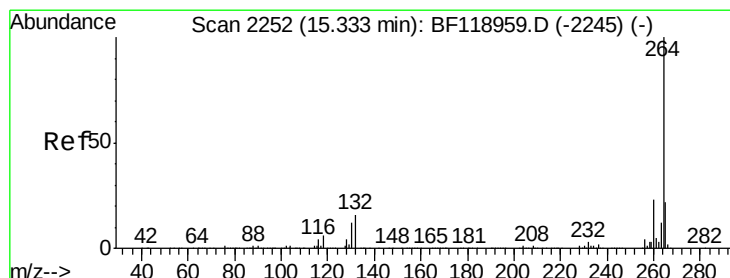
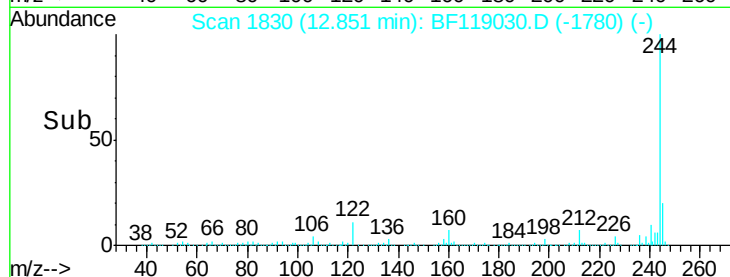
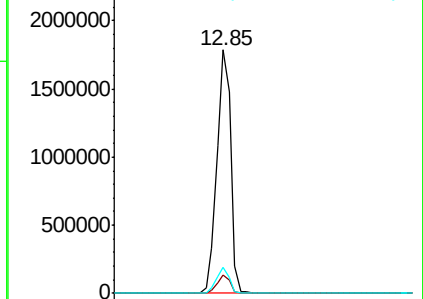
122 10.6 8.4 12.6



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# 2252

Delta R.T. -0.00 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

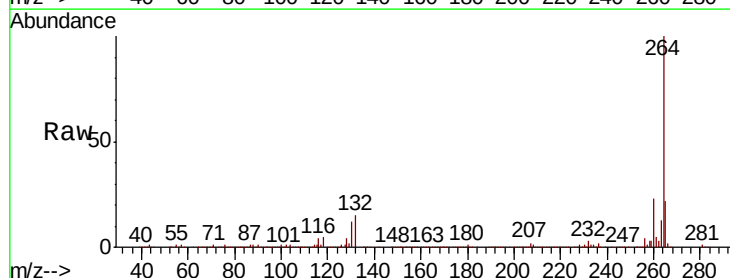
Tgt Ion:264 Resp: 446527

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.8 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

