

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119028.D
 Acq On : 24 Feb 2020 18:33
 Operator : CG/JU
 Sample : L1650-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Quant Time: Feb 25 00:57:11 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

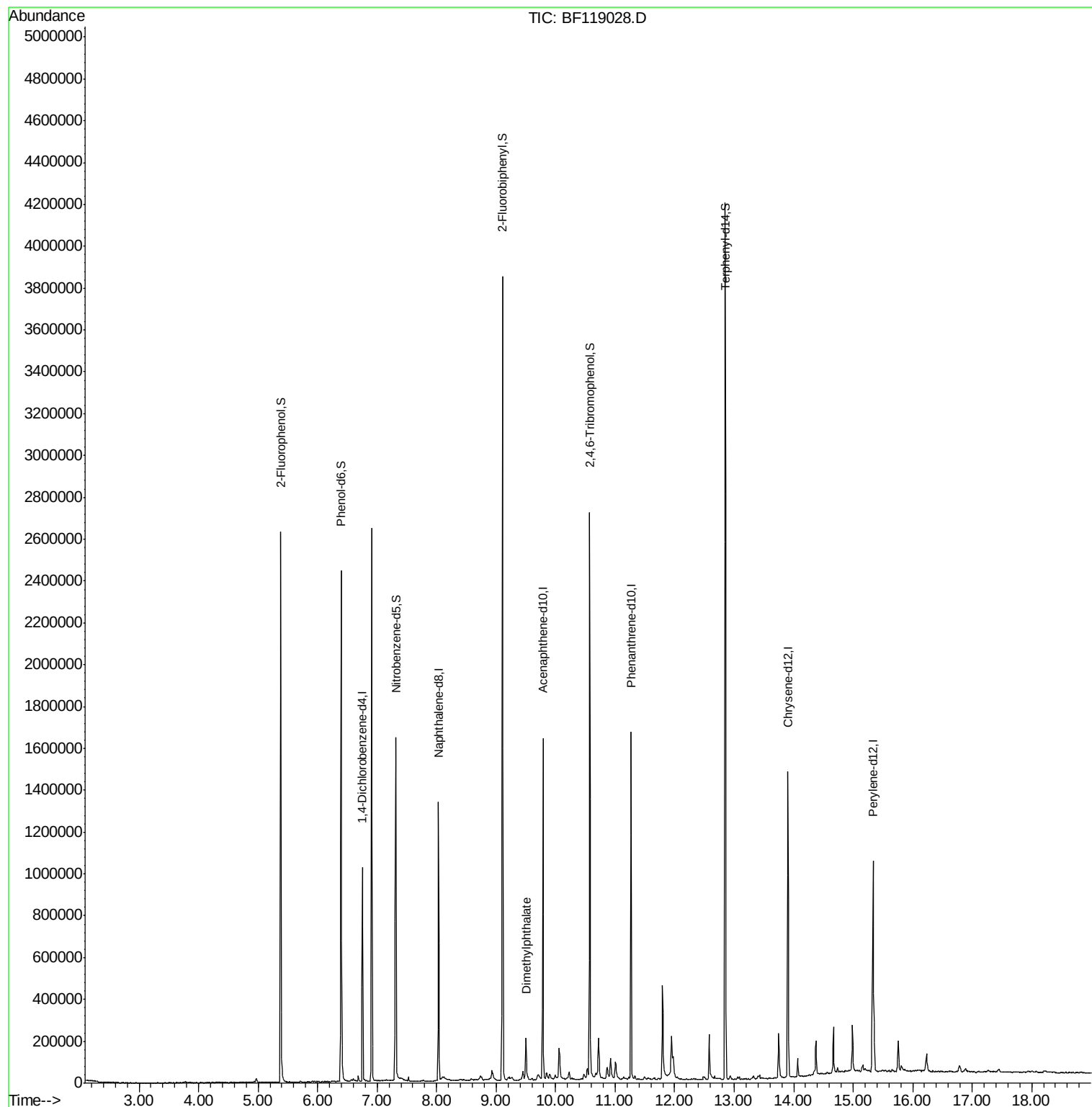
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155754	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	598835	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	335330	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	602975	20.00	ng	0.00
76) Chrysene-d12	13.90	240	469585	20.00	ng	0.00
87) Perylene-d12	15.33	264	462855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	768325	82.44	ng	0.00
7) Phenol-d6	6.40	99	923941	81.51	ng	0.00
23) Nitrobenzene-d5	7.32	82	605113	53.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	347093	79.12	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1245339	54.71	ng	-0.01
79) Terphenyl-d14	12.85	244	1493561	54.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	68020	2.653	ng	Qvalue # 80

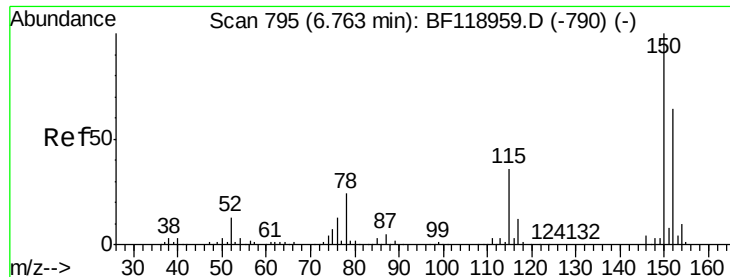
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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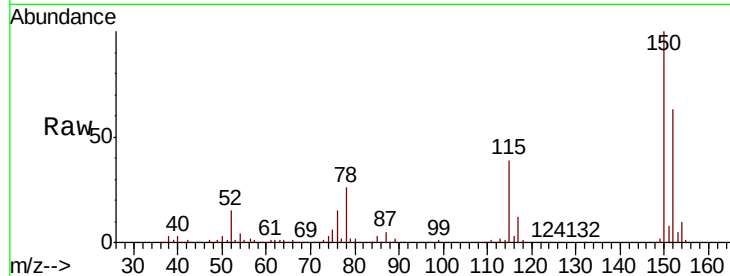


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Instrument :
BNA_F
ClientSampleId :
EP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	61.8	44.6	67.0

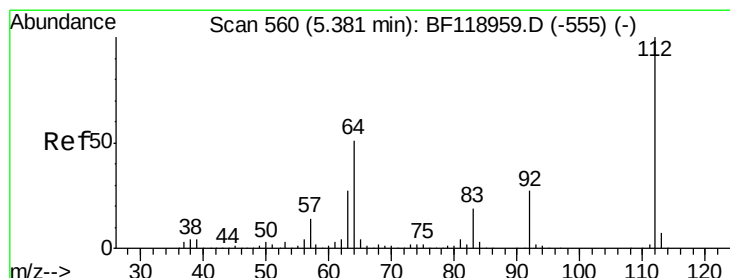
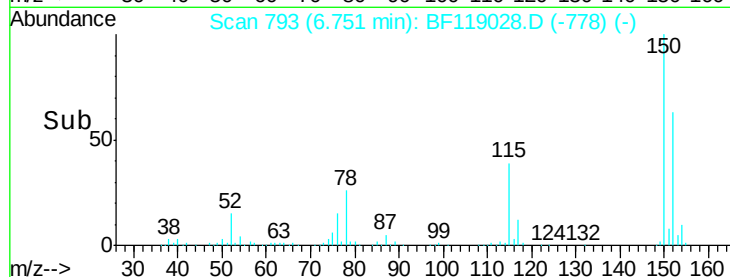
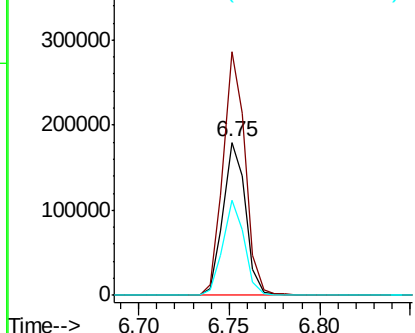


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

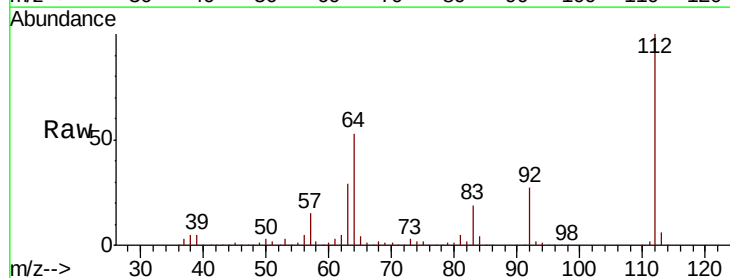
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.438 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	40.4	60.6
63	28.6	21.3	31.9

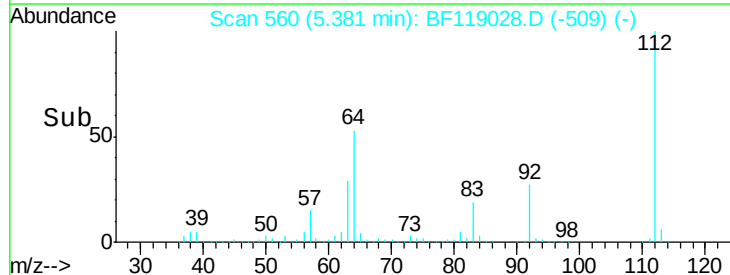
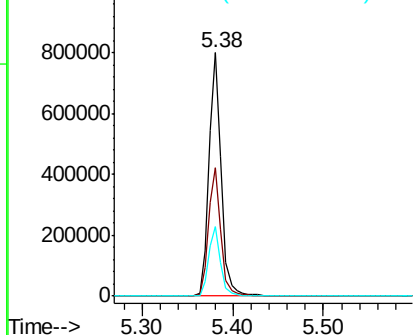


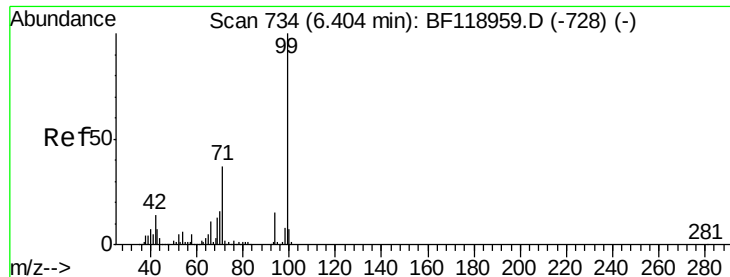
Abundance

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: 81.513 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

EP-1

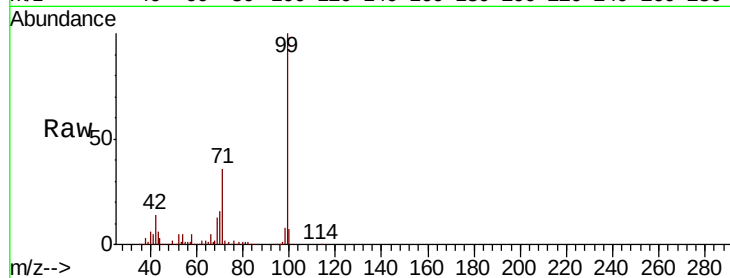
Tot Ion: 99 Resp: 923941

Ion Ratio Lower Upper

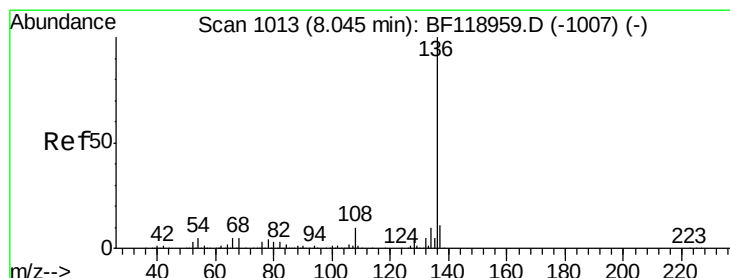
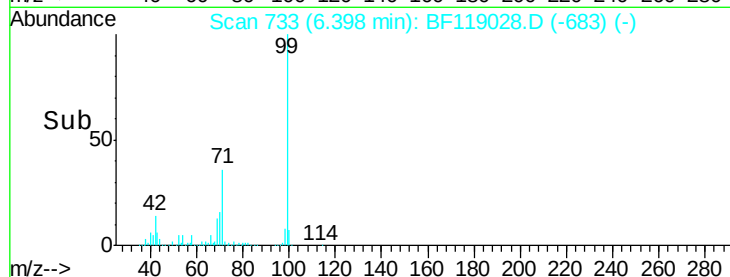
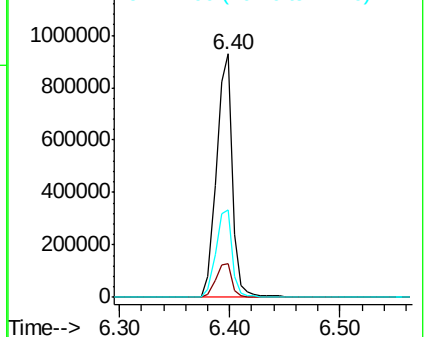
99 100

42 13.9 11.4 17.0

71 35.8 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
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: BF119028.D

Acq: 24 Feb 2020 18:33

Tgt Ion: 136 Resp: 598835

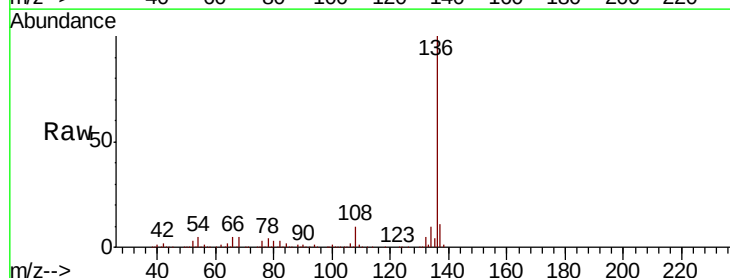
Ion Ratio Lower Upper

136 100

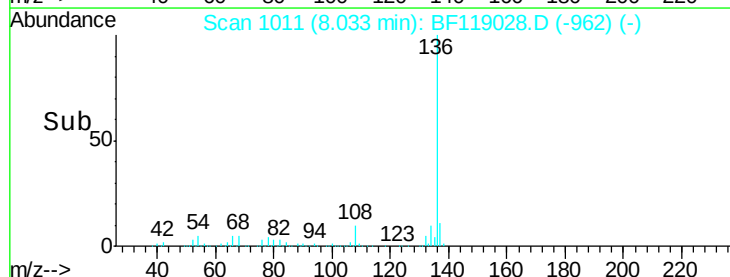
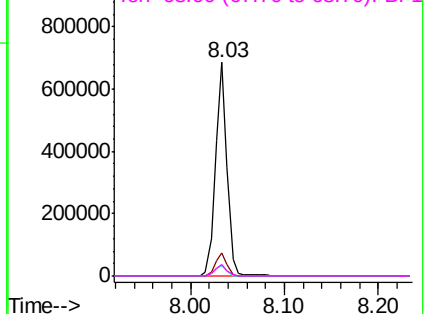
137 11.1 8.9 13.3

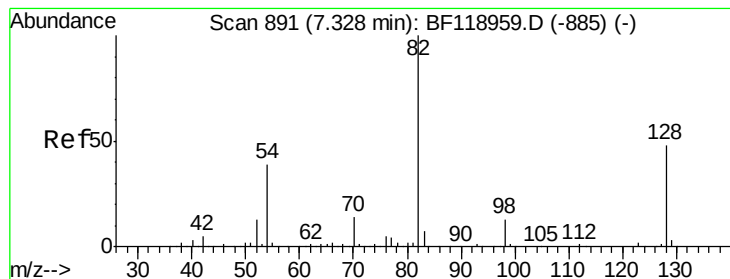
54 5.0 3.8 5.6

68 5.2 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: 53.354 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

EP-1

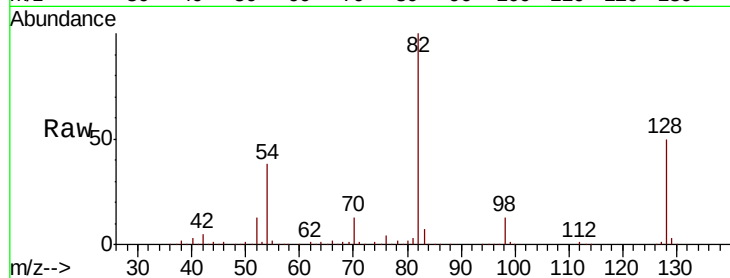
Tot Ion: 82 Resp: 605113

Ion Ratio Lower Upper

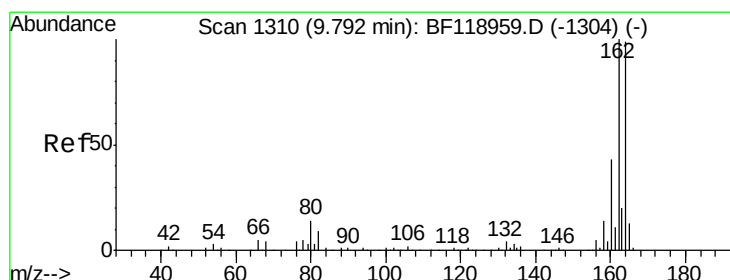
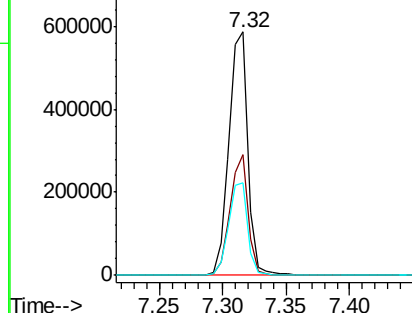
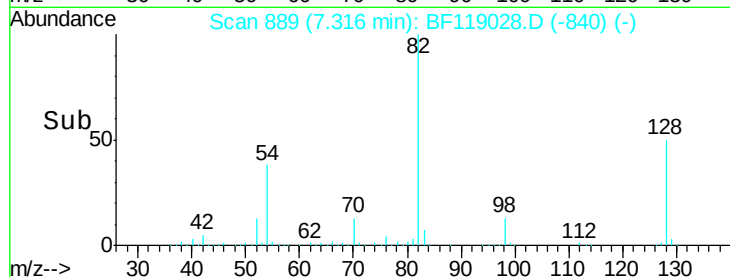
82 100

128 49.7 38.2 57.2

54 38.2 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: BF119028.D

Acq: 24 Feb 2020 18:33

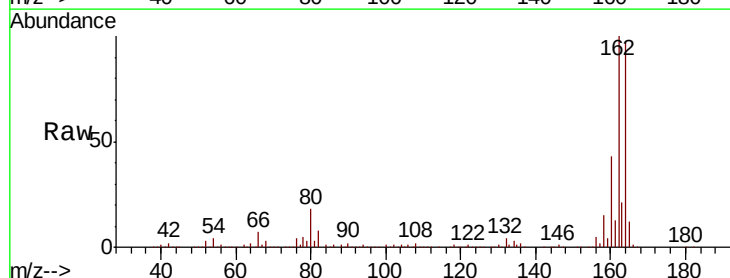
Tgt Ion:164 Resp: 335330

Ion Ratio Lower Upper

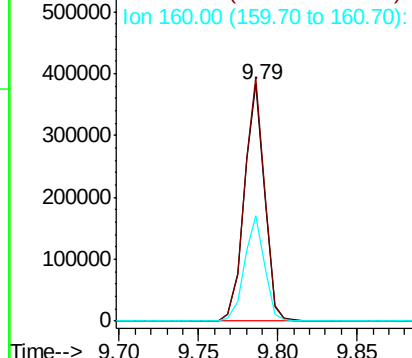
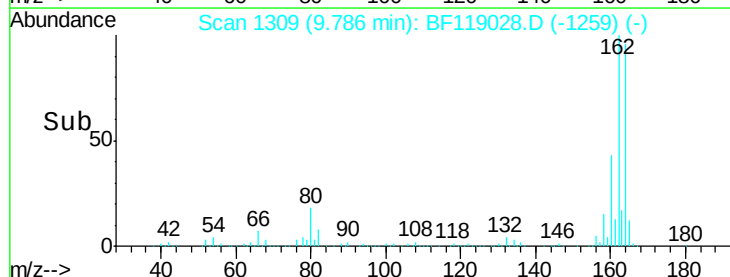
164 100

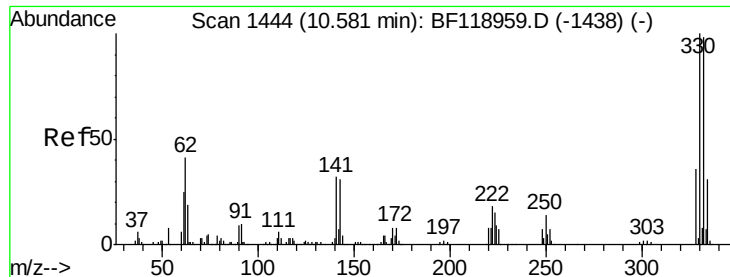
162 102.9 81.2 121.8

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

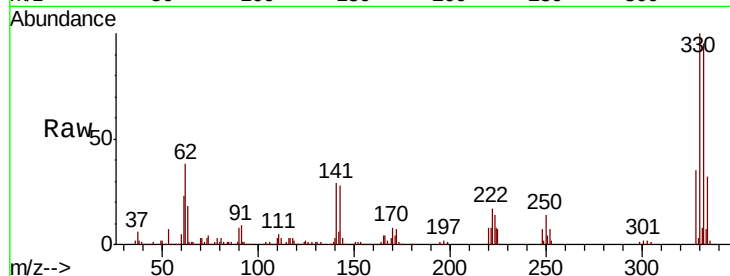




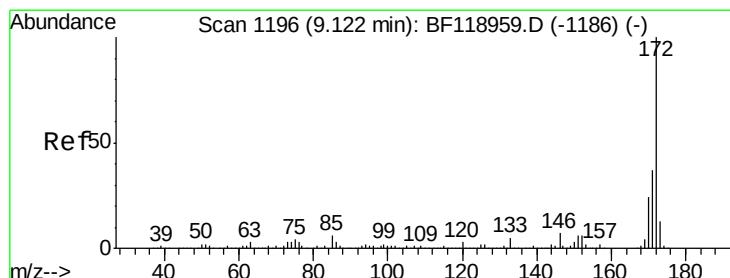
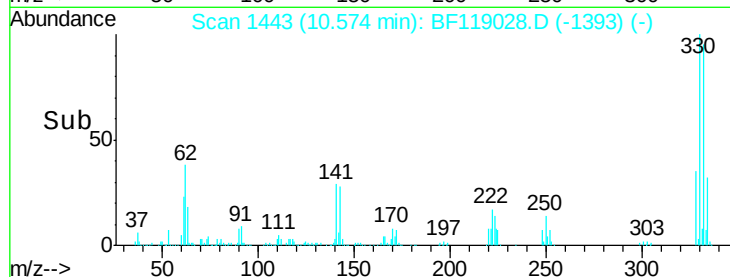
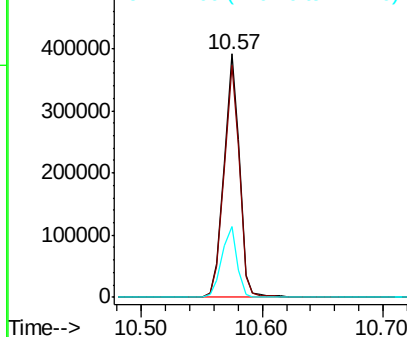
#42
 2,4,6-Tribromophenol
 Concen: 79.124 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119028.D
 Acq: 24 Feb 2020 18:33

Instrument :
 BNA_F
 ClientSampled :
 EP-1

Tot Ion:330 Resp: 347093
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 29.0 23.0 34.6

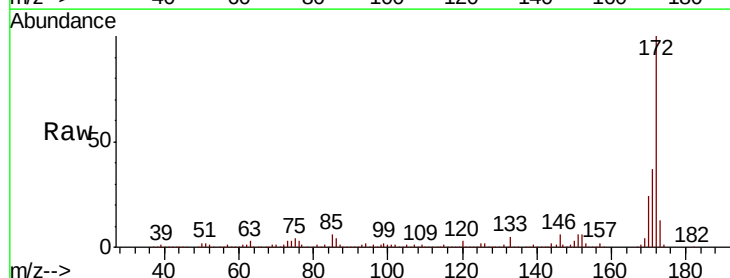


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

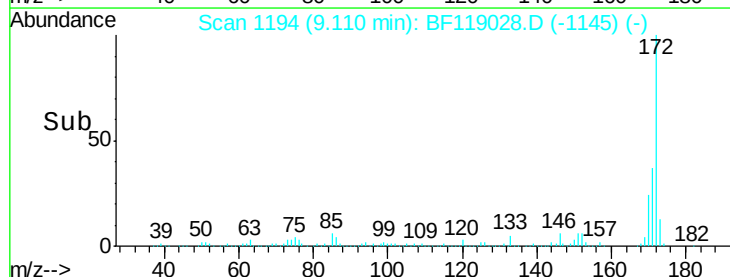
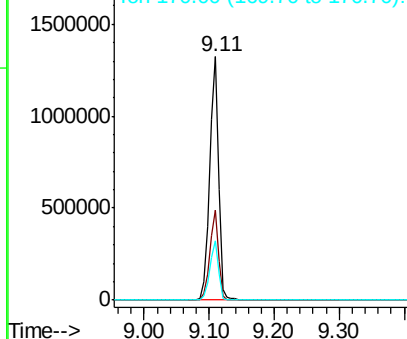


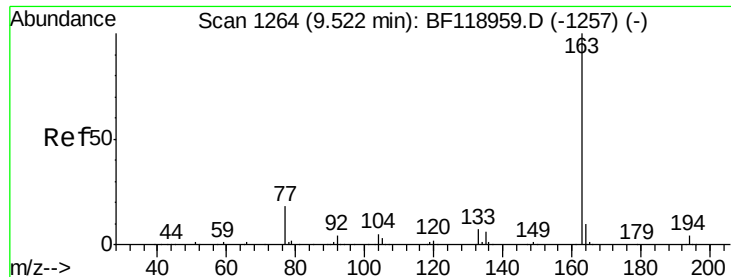
#45
 2-Fluorobiphenyl
 Concen: 54.710 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119028.D
 Acq: 24 Feb 2020 18:33

Tgt Ion:172 Resp: 1245339
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.1 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

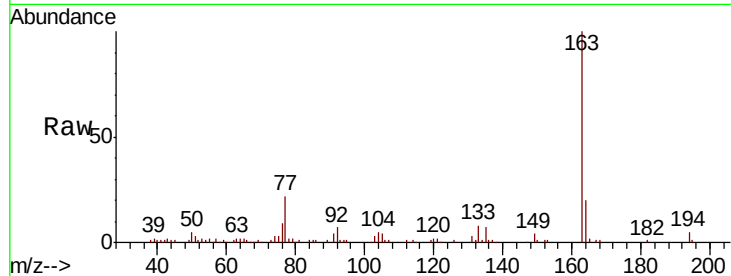




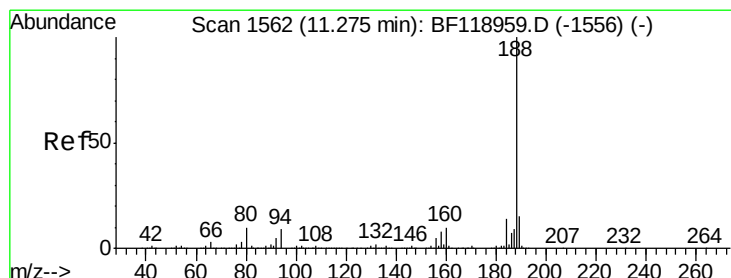
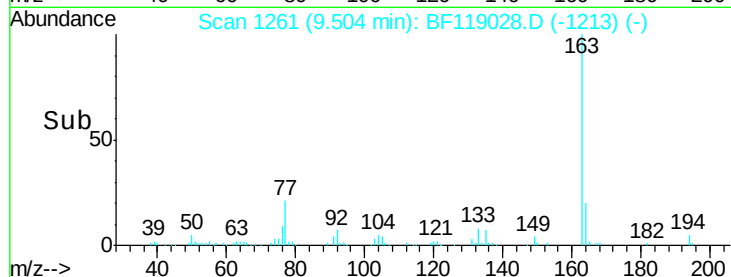
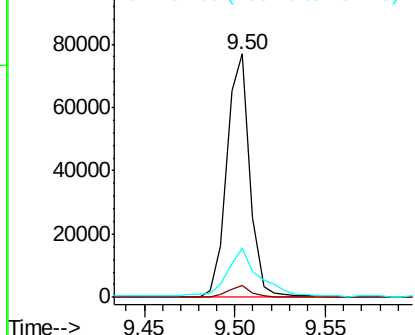
#50
Dimethylphthalate
Concen: 2.653 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Instrument :
BNA_F
ClientSampled :
EP-1

Tot Ion:163 Resp: 68020
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 20.4 8.2 12.2#

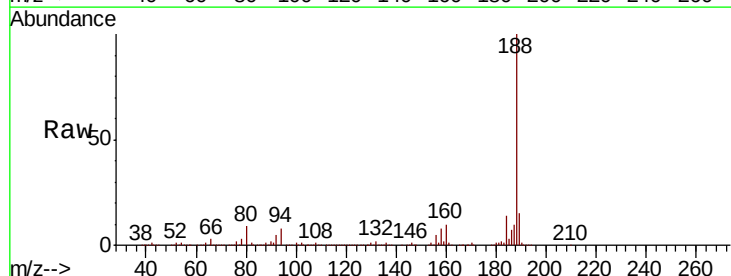


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

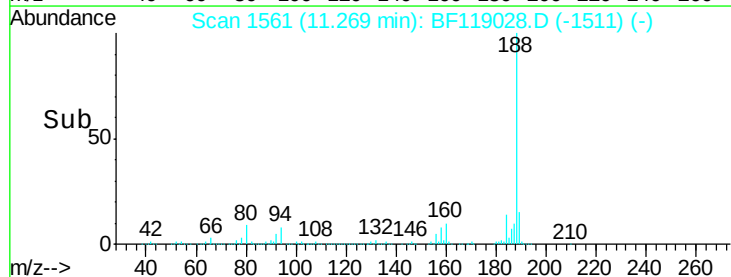
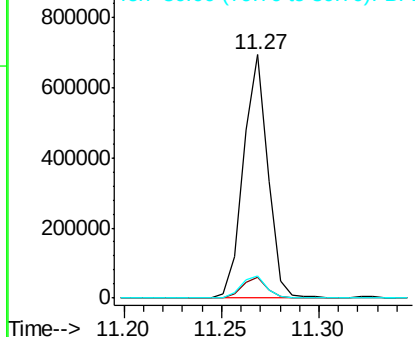


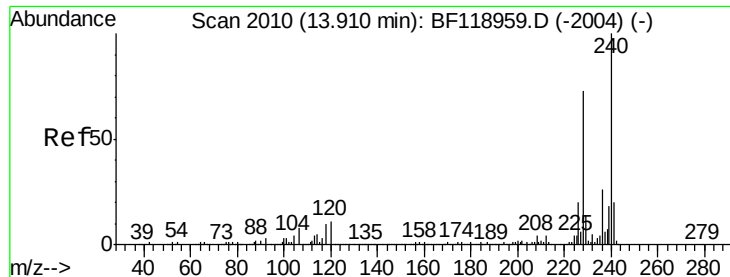
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Tgt Ion:188 Resp: 602975
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.1 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: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

EP-1

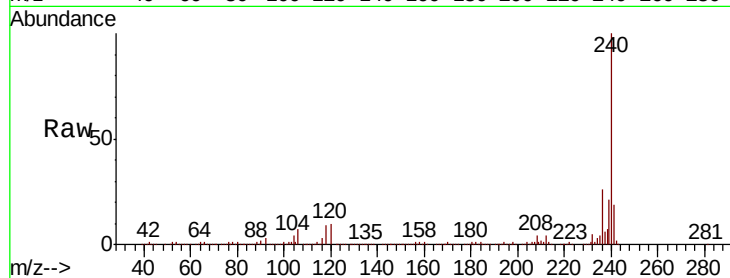
Tot Ion:240 Resp: 469585

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

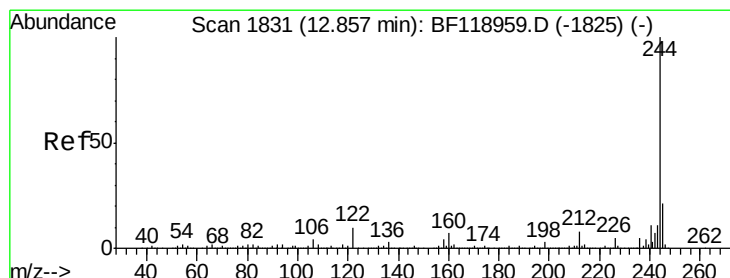
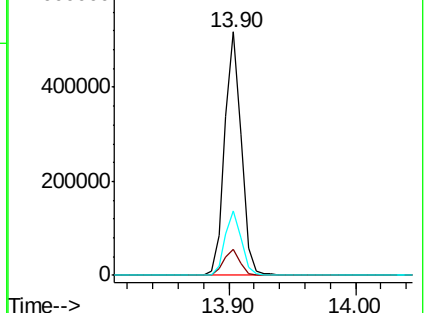
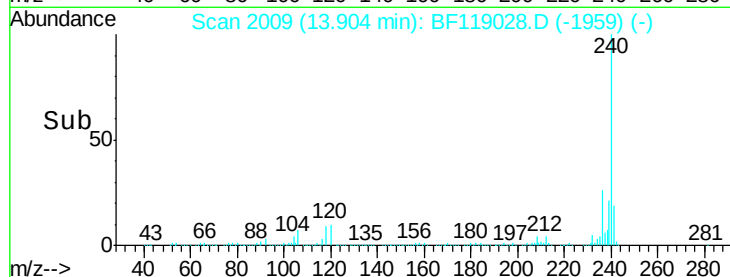
236 26.2 20.6 30.8



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: 54.760 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

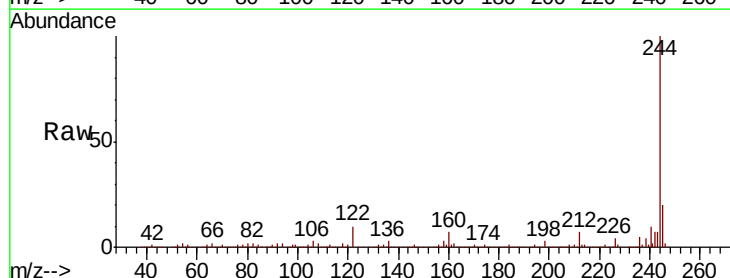
Tgt Ion:244 Resp: 1493561

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

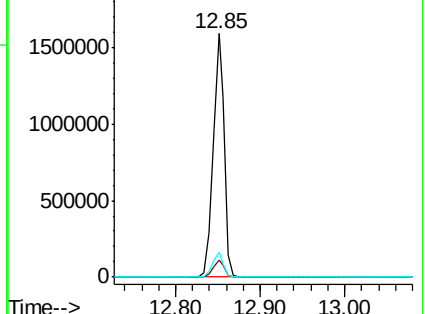
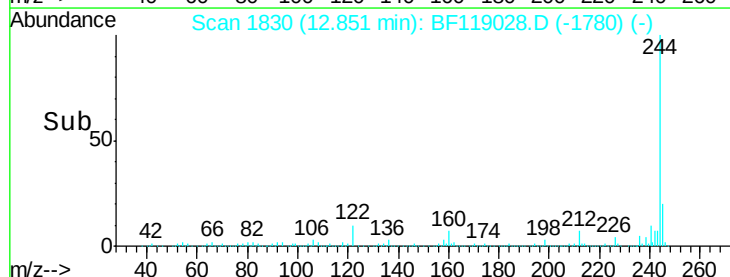
122 10.3 8.4 12.6

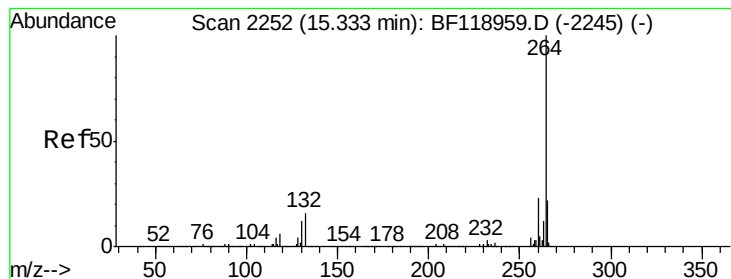


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlone-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

EP-1

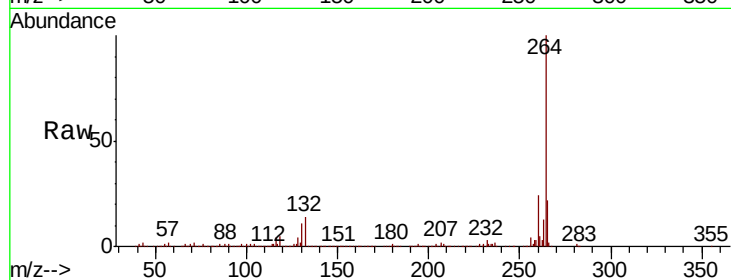
Tot Ion:264 Resp: 462855

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.9 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

