

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119090.D
 Acq On : 26 Feb 2020 12:56
 Operator : CG/JU
 Sample : L1676-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2

Quant Time: Feb 26 16:22:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

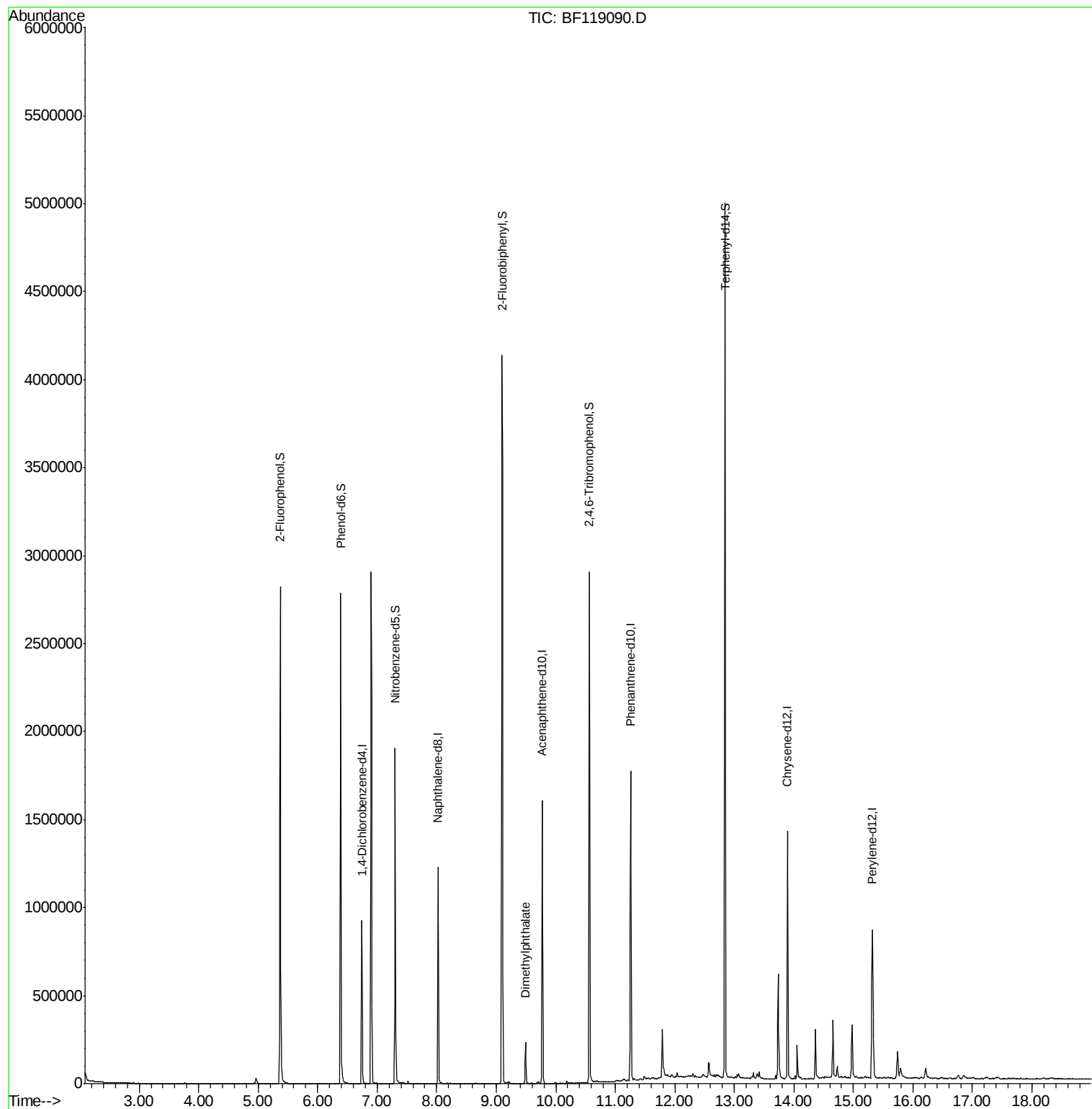
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156109	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	604464	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	334209	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	637964	20.00	ng	0.00
76) Chrysene-d12	13.89	240	503698	20.00	ng	-0.01
87) Perylene-d12	15.32	264	396552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	871202	93.26	ng	0.00
7) Phenol-d6	6.39	99	1083808	95.40	ng	-0.02
23) Nitrobenzene-d5	7.30	82	717707	62.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	409384	93.64	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1463965	64.53	ng	-0.01
79) Terphenyl-d14	12.84	244	1863219	63.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	92428	3.617	ng	Qvalue 100

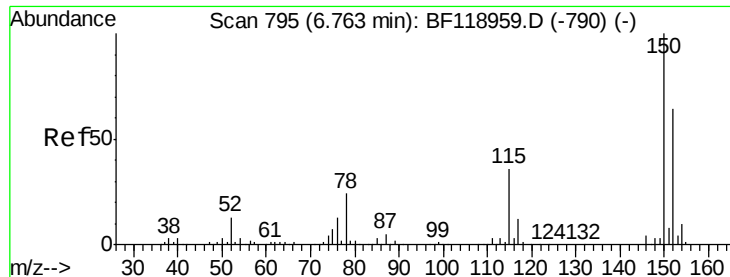
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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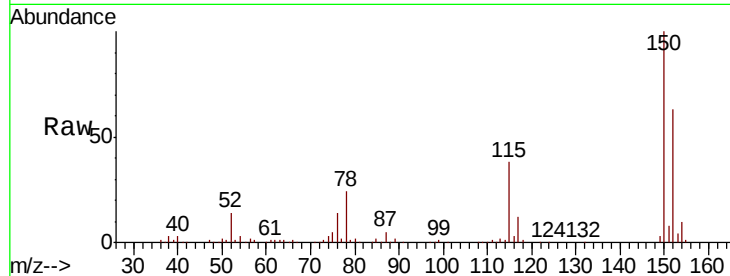


#1

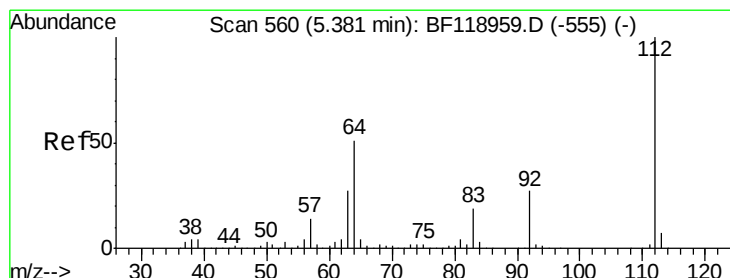
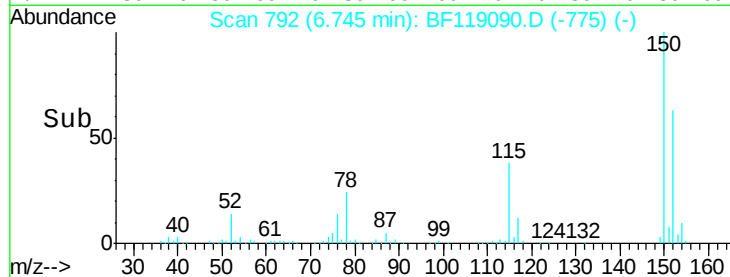
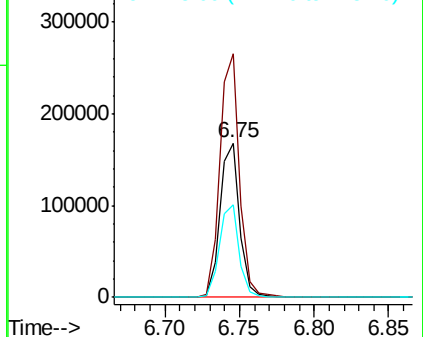
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Instrument :
BNA_F
ClientSampleId :
RO-1-2

Tot Ion:152 Resp: 156109
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 59.7 49.5 74.3



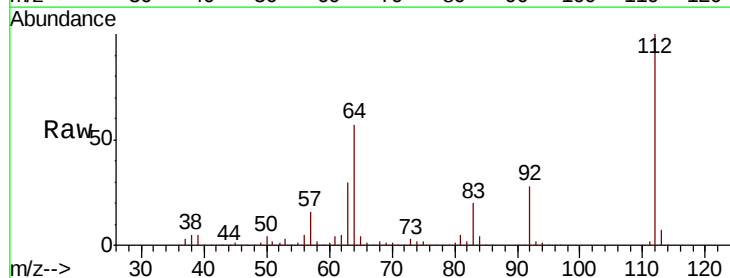
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



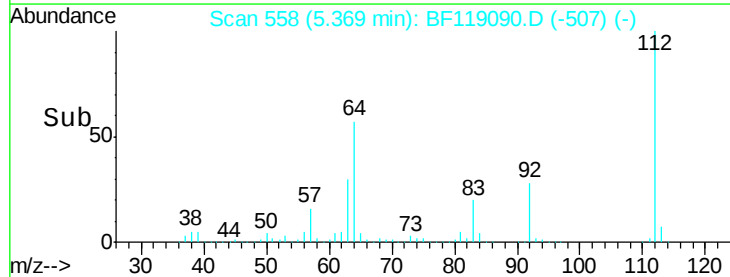
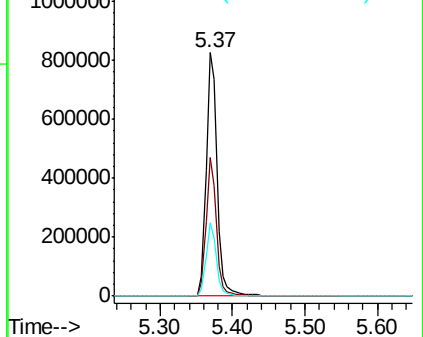
#5

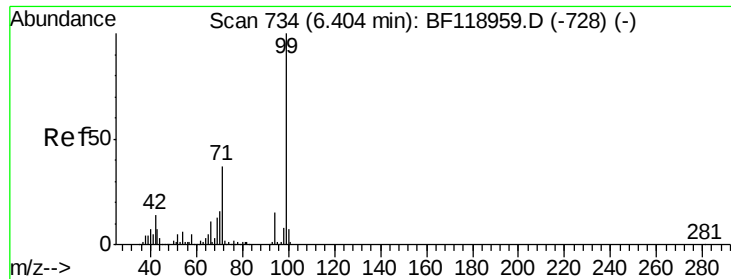
2-Fluorophenol
Concen: 93.264 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119090.D
Acq: 26 Feb 2020 12:56

Tgt Ion:112 Resp: 871202
Ion Ratio Lower Upper
112 100
64 56.9 45.0 67.4
63 30.4 24.2 36.4



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: 95.400 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampled :

RO-1-2

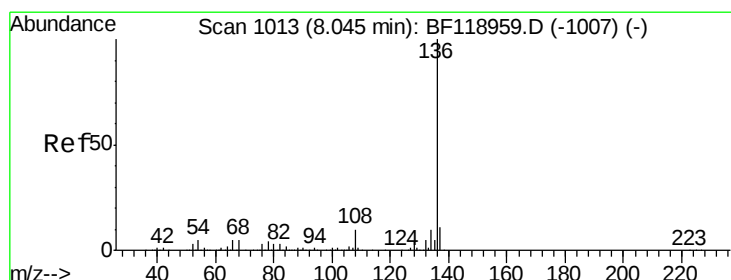
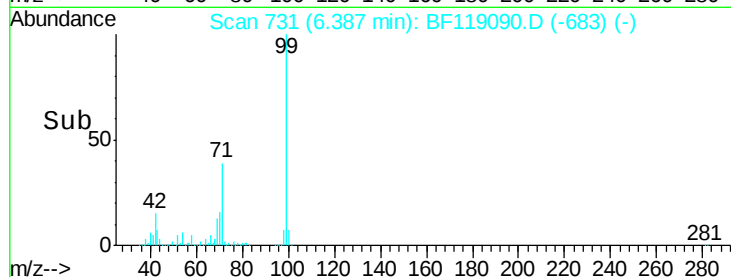
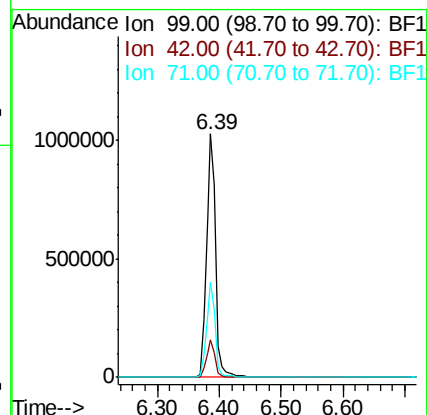
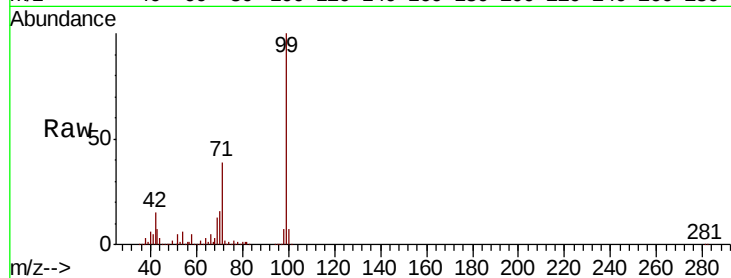
Tot Ion: 99 Resp: 1083808

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 38.9 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Tgt Ion: 136 Resp: 604464

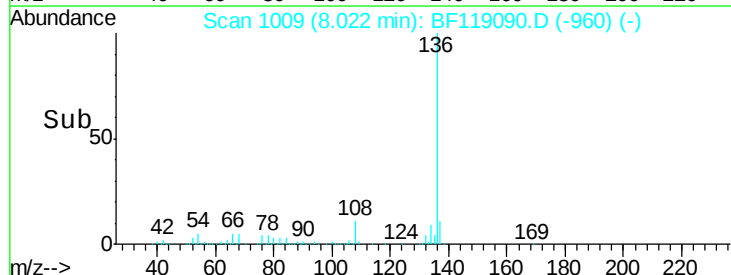
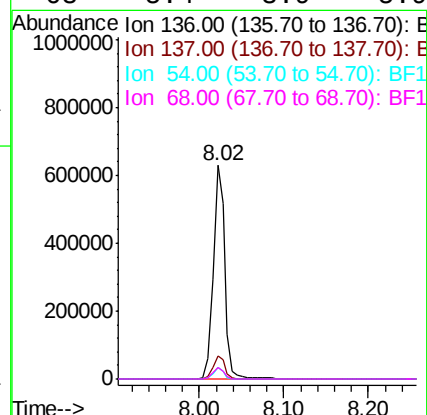
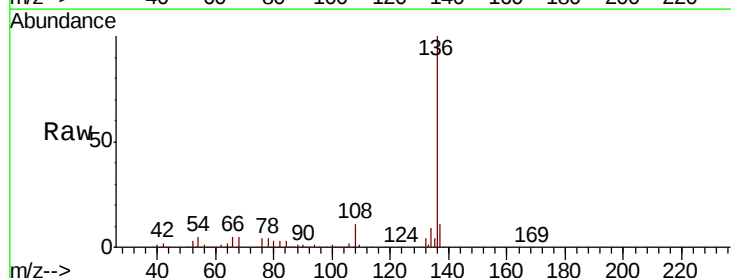
Ion Ratio Lower Upper

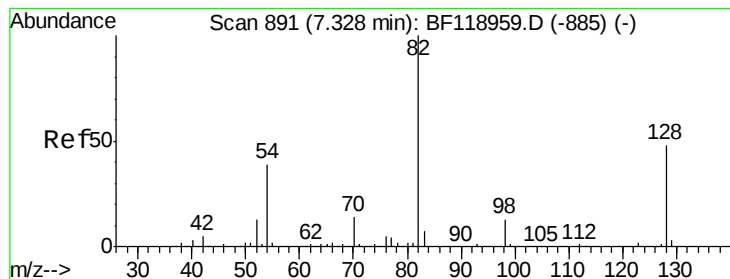
136 100

137 10.9 8.8 13.2

54 5.3 3.8 5.6

68 5.4 3.9 5.9





#23

Nitrobenzene-d5

Concen: 62.692 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampled :

RO-1-2

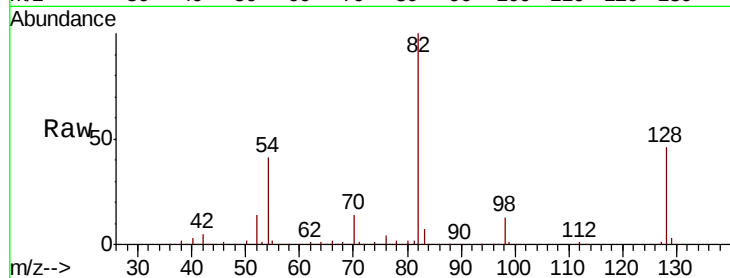
Tot Ion: 82 Resp: 717707

Ion Ratio Lower Upper

82 100

128 45.8 37.9 56.9

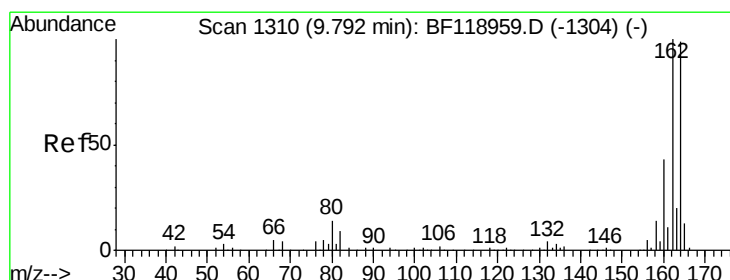
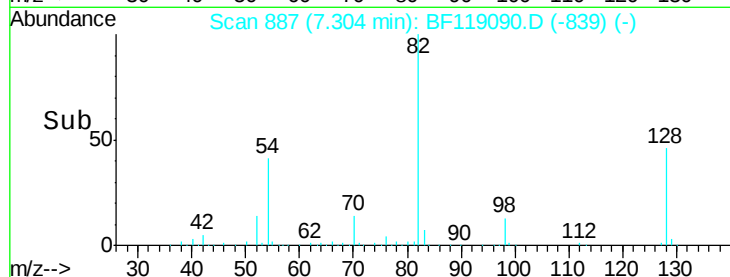
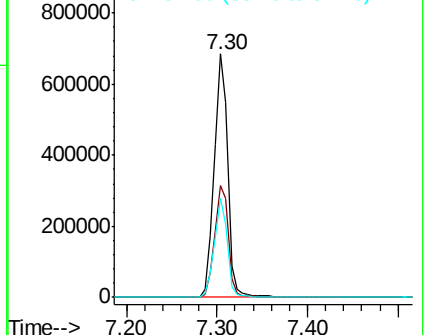
54 40.5 33.4 50.2



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

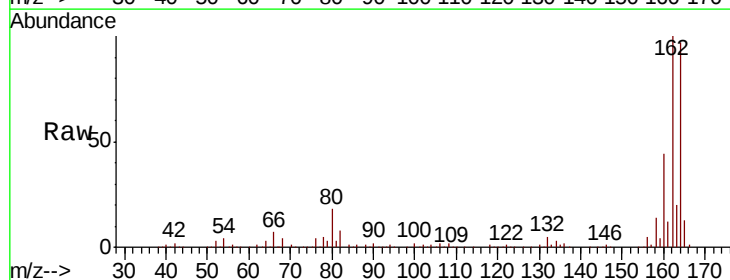
Tgt Ion:164 Resp: 334209

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.8

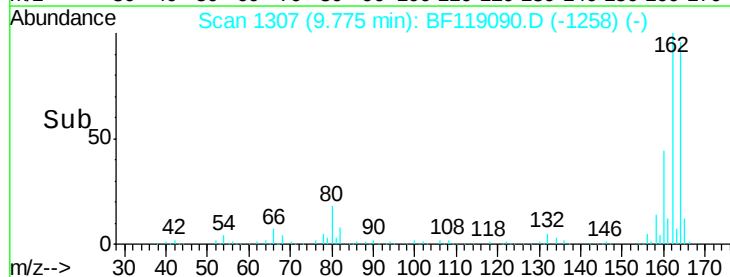
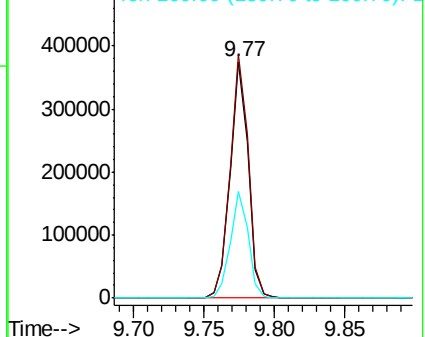
160 45.3 36.0 54.0

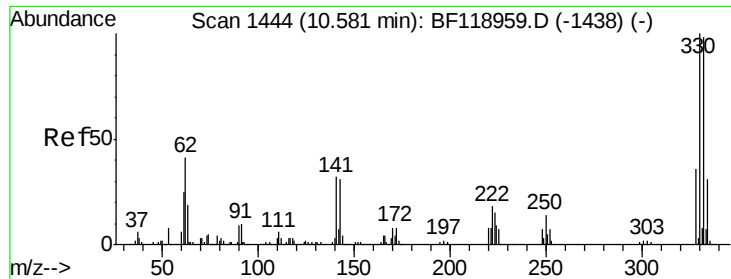


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

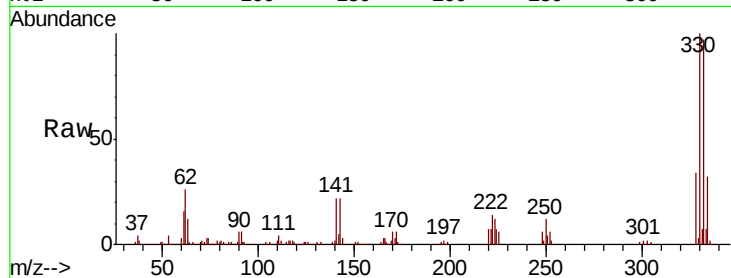




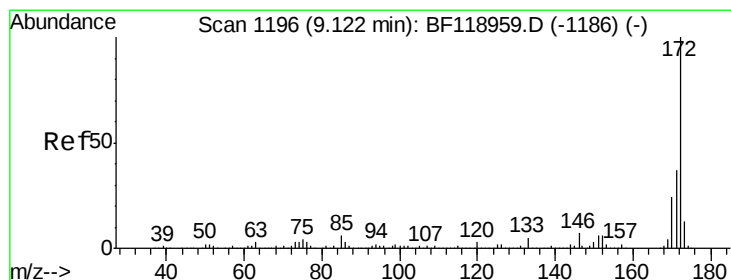
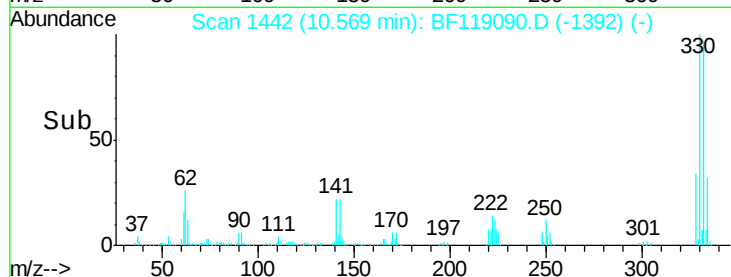
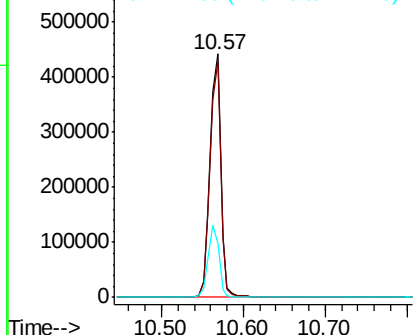
#42
 2,4,6-Tribromophenol
 Concen: 93.637 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119090.D
 Acq: 26 Feb 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2

Tot Ion:330 Resp: 409384
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 29.4 22.9 34.3

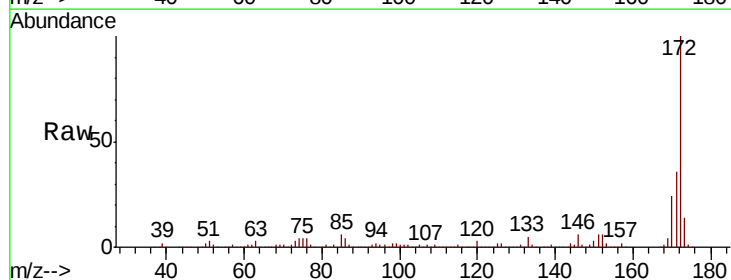


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

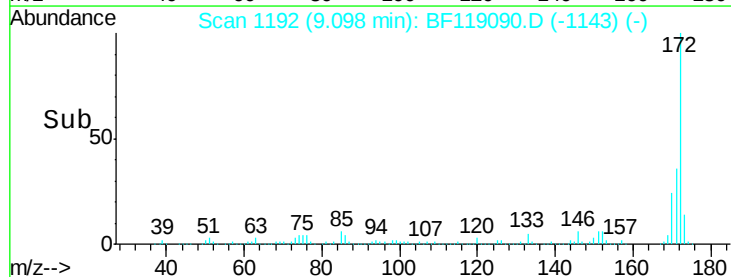
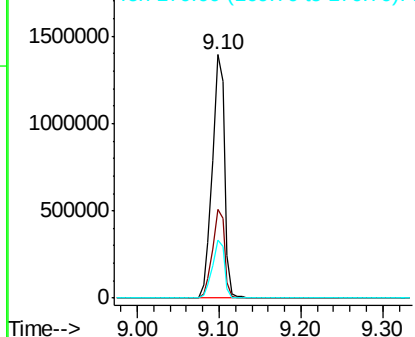


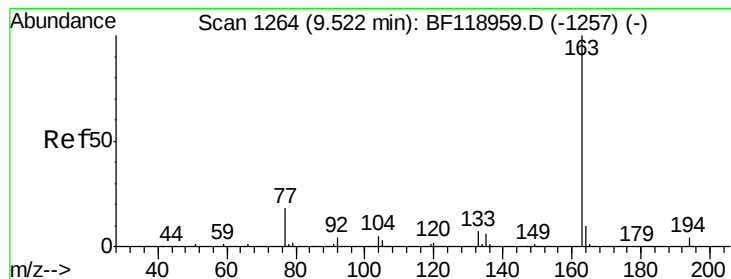
#45
 2-Fluorobiphenyl
 Concen: 64.531 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119090.D
 Acq: 26 Feb 2020 12:56

Tgt Ion:172 Resp: 1463965
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.8 20.2 30.2



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: 3.617 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampleId :

RO-1-2

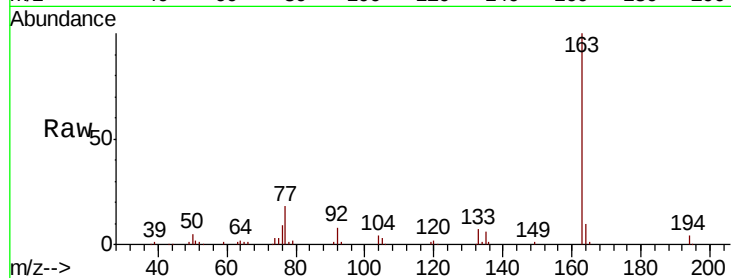
Tot Ion:163 Resp: 92428

Ion Ratio Lower Upper

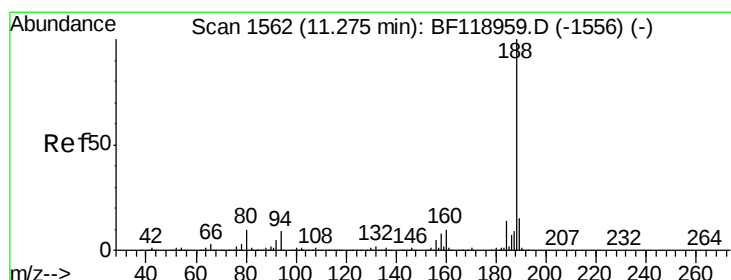
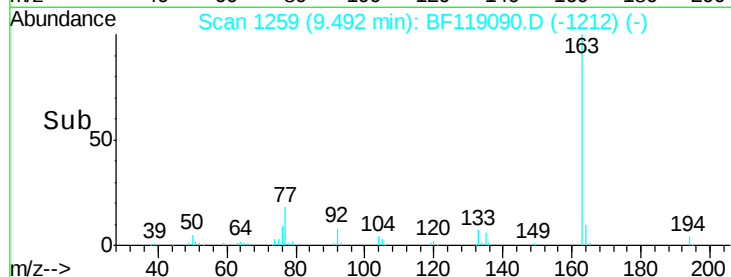
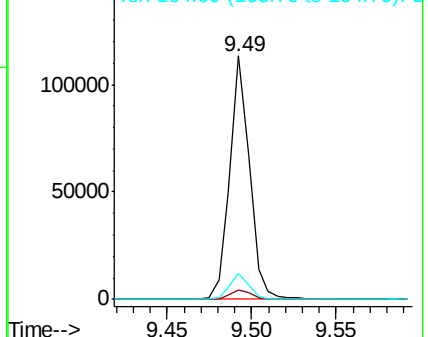
163 100

194 3.9 3.5 5.3

164 10.5 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

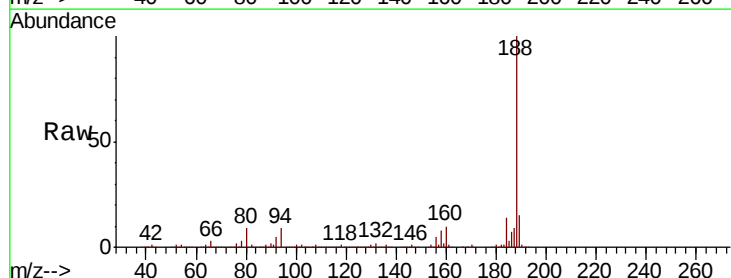
Tgt Ion:188 Resp: 637964

Ion Ratio Lower Upper

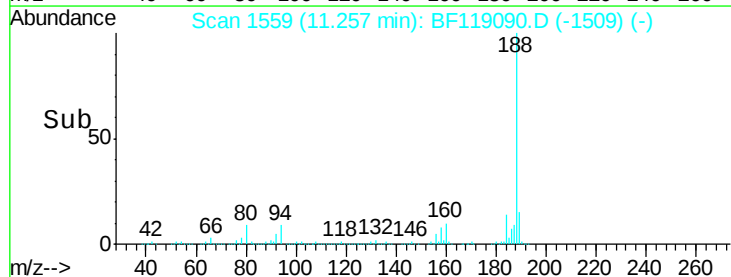
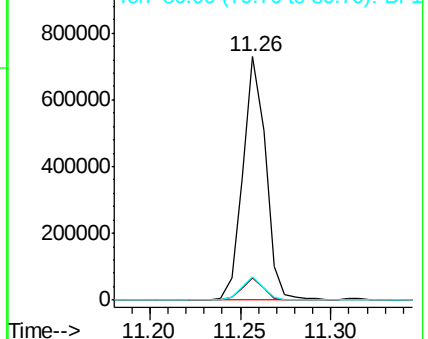
188 100

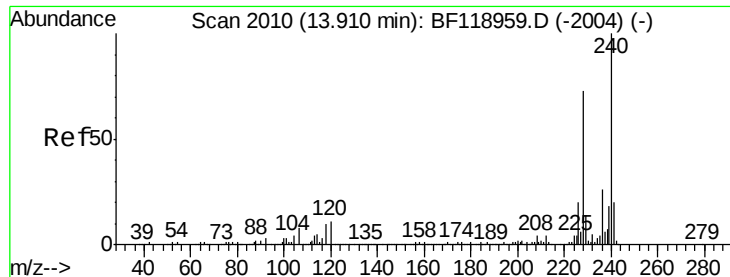
94 9.2 7.1 10.7

80 9.4 7.8 11.8



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

Instrument :

BNA_F

ClientSampleId :

RO-1-2

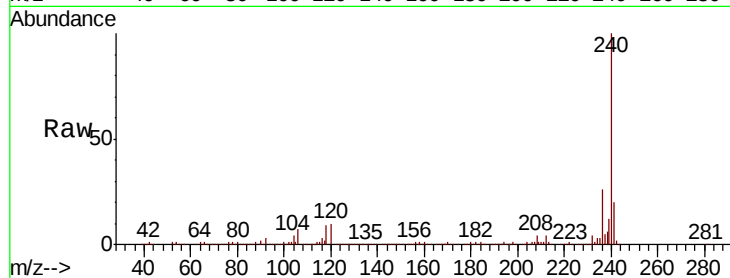
Tot Ion:240 Resp: 503698

Ion Ratio Lower Upper

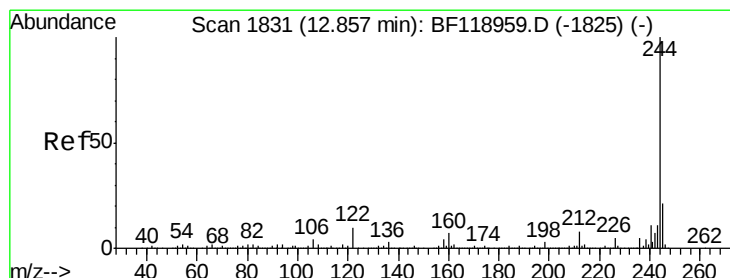
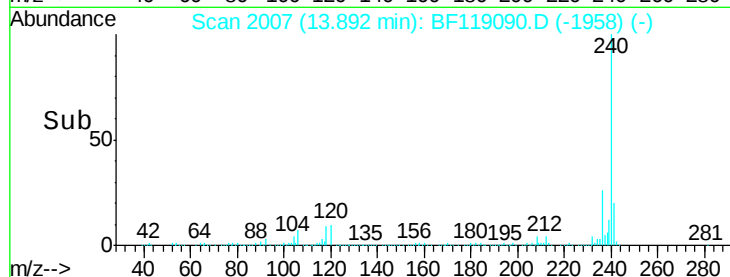
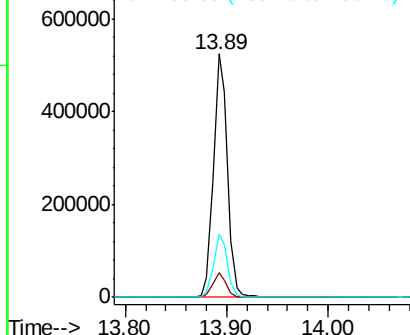
240 100

120 10.0 8.4 12.6

236 26.1 21.0 31.4



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: 63.686 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119090.D

Acq: 26 Feb 2020 12:56

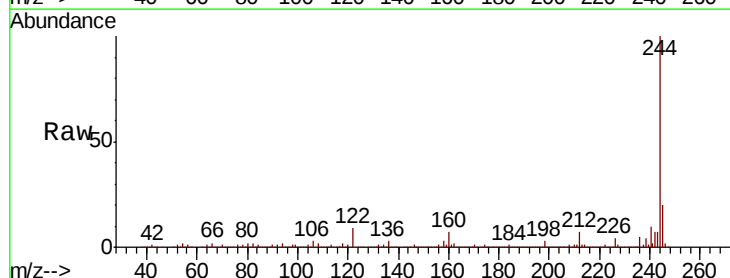
Tgt Ion:244 Resp: 1863219

Ion Ratio Lower Upper

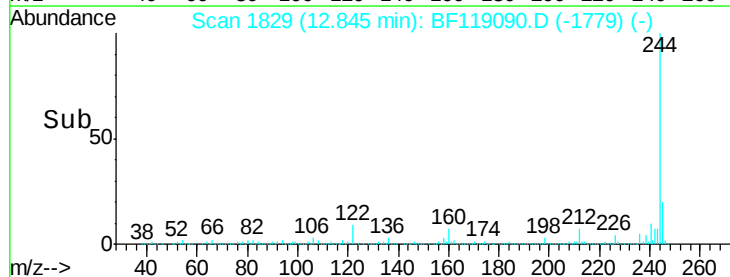
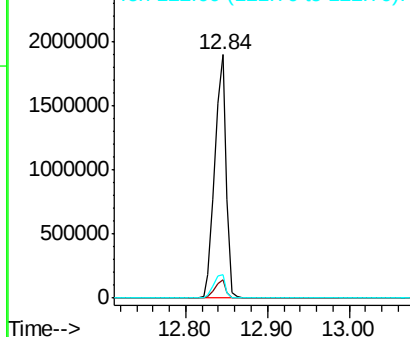
244 100

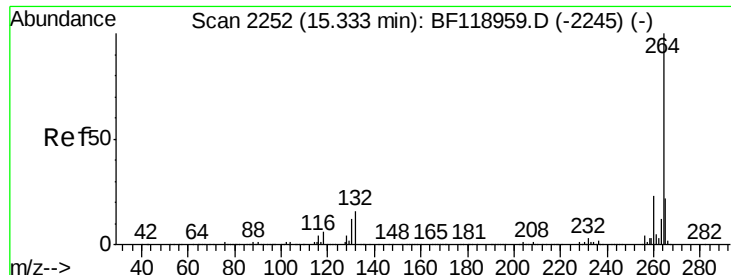
212 7.3 6.6 10.0

122 9.4 8.2 12.2



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

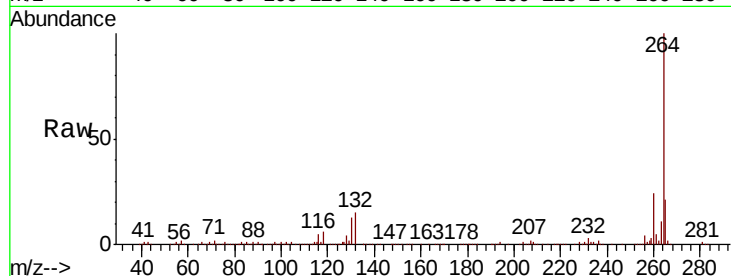




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF119090.D
 Acq: 26 Feb 2020 12:56

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	17.7	26.5



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

