

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115353.D
 Acq On : 2 Jul 2019 10:16
 Operator : HP/JU
 Sample : PB121059BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BL

Quant Time: Jul 02 12:12:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 12:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	237409	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	952181	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	480740	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	987750	20.00	ng	0.00
76) Chrysene-d12	13.72	240	766193	20.00	ng	0.00
87) Perylene-d12	15.09	264	788421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1044758	67.91	ng	0.01
7) Phenol-d6	6.24	99	1258750	67.41	ng	0.00
23) Nitrobenzene-d5	7.17	82	1139945	73.65	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	380631	75.08	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2195128	77.56	ng	0.00
79) Terphenyl-d14	12.69	244	2297578	63.76	ng	0.00

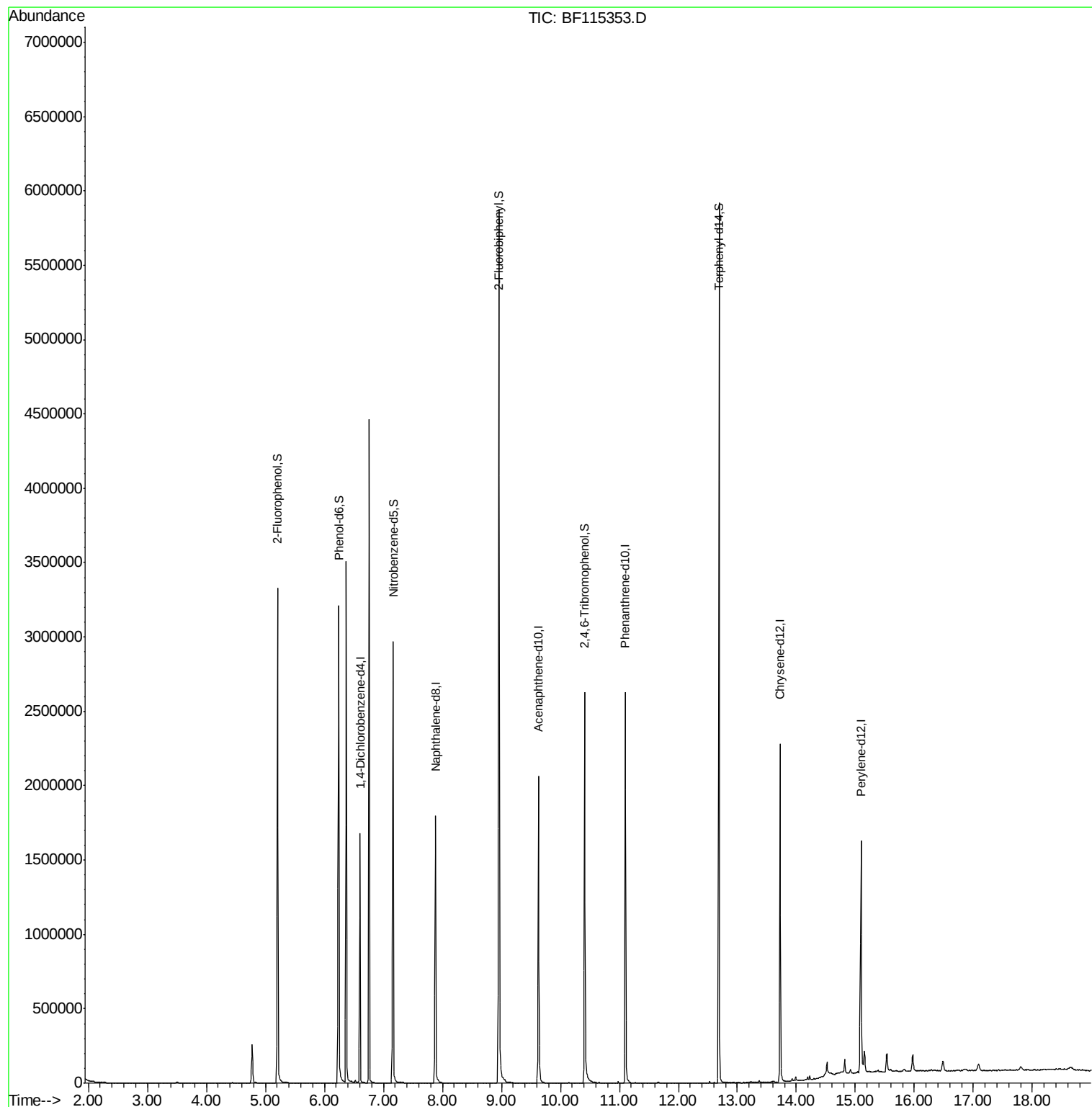
Target Compounds Qvalue

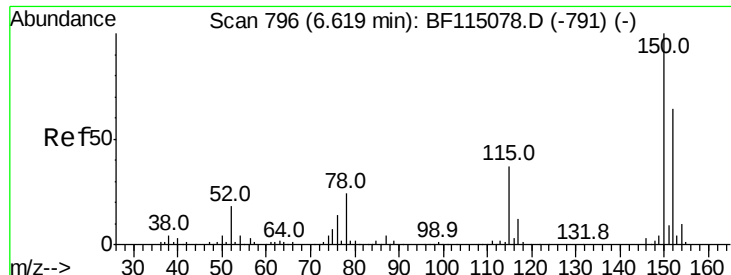
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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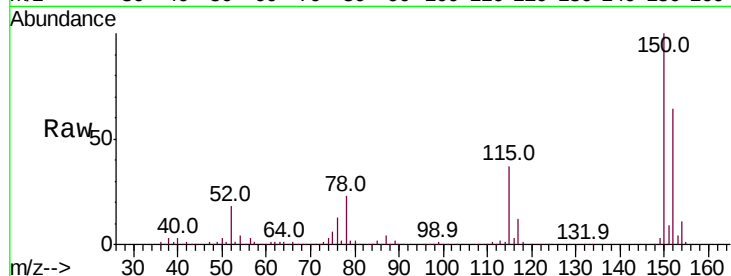


#1

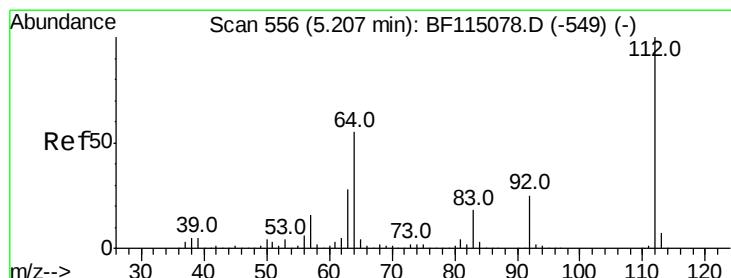
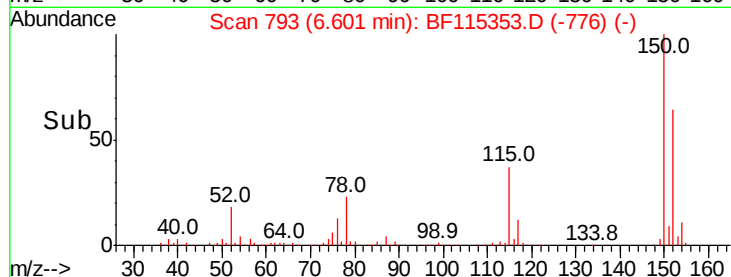
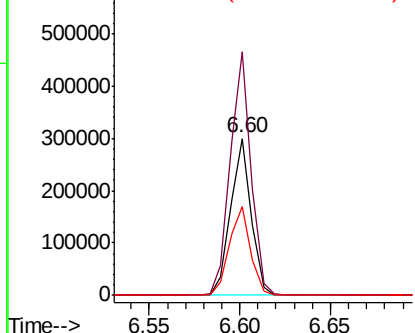
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115353.D
Acq: 2 Jul 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB121059BL

Tot Ion:152 Resp: 237409
Ion Ratio Lower Upper
152 100
150 155.5 125.2 187.8
115 57.1 48.2 72.2



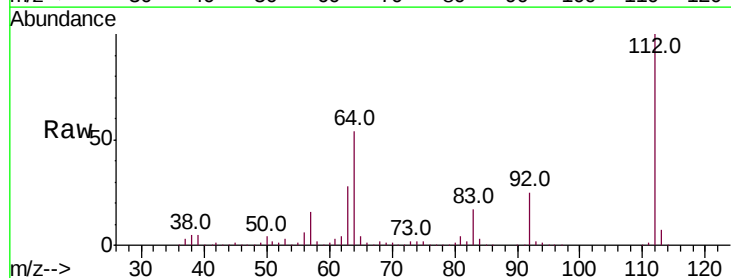
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



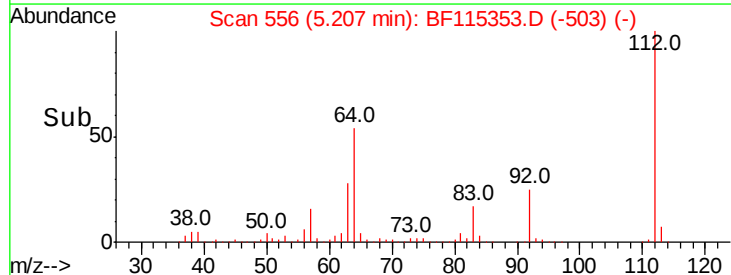
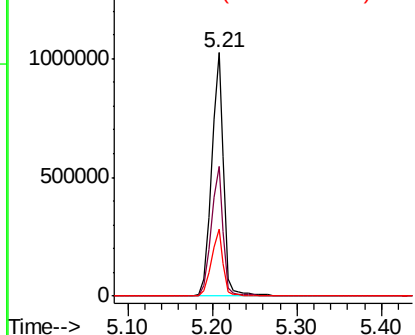
#5

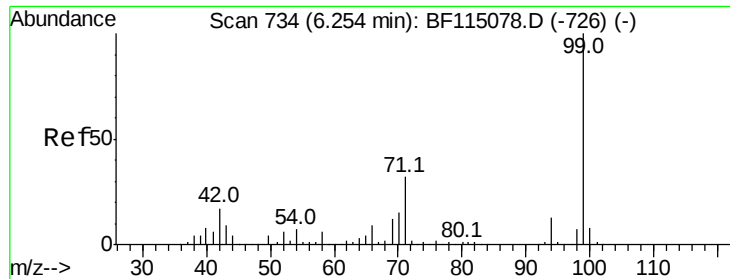
2-Fluorophenol
Concen: 67.910 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF115353.D
Acq: 2 Jul 2019 10:16

Tgt Ion:112 Resp: 1044758
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 27.5 22.3 33.5



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: 67.410 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

Instrument :

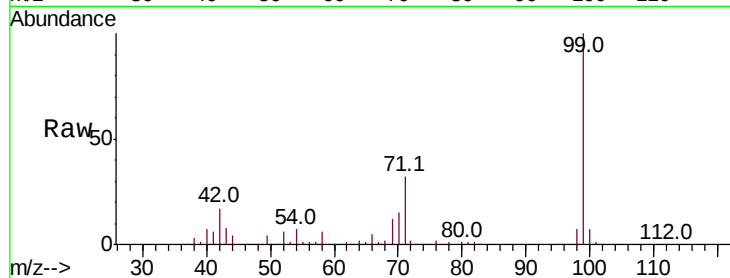
BNA_F

ClientSampleId :

PB121059BL

Tot Ion: 99 Resp: 1258750

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	32.4	25.4	38.2



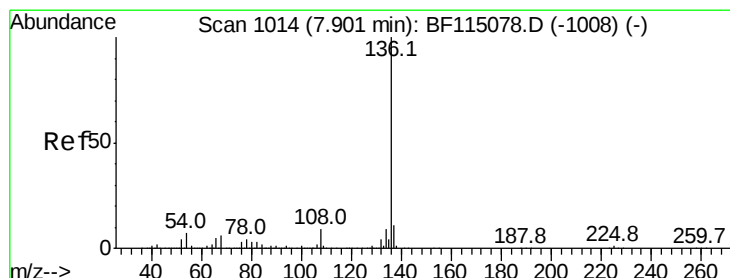
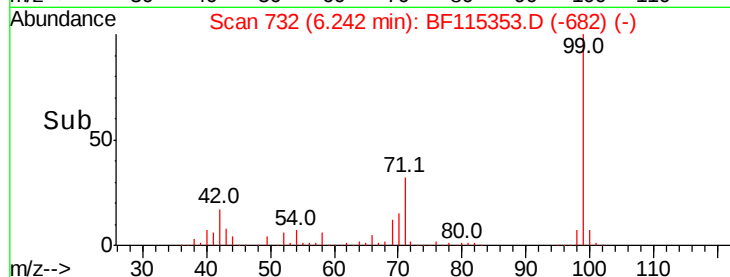
Abundance

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

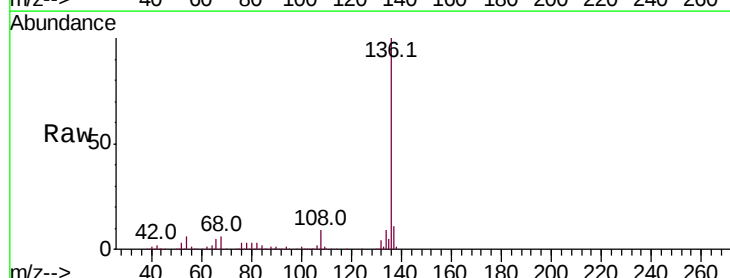
Delta R.T. -0.01 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

Tgt Ion: 136 Resp: 952181

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.3	6.5



Abundance

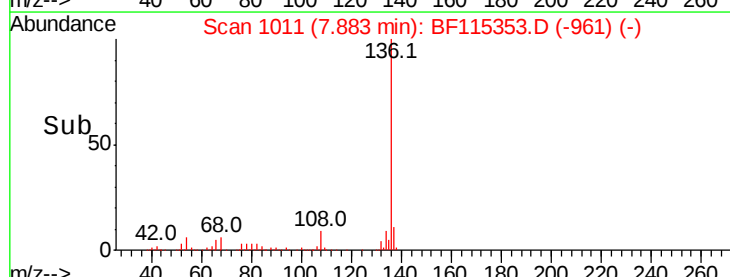
Ion 136.00 (135.70 to 136.70): E

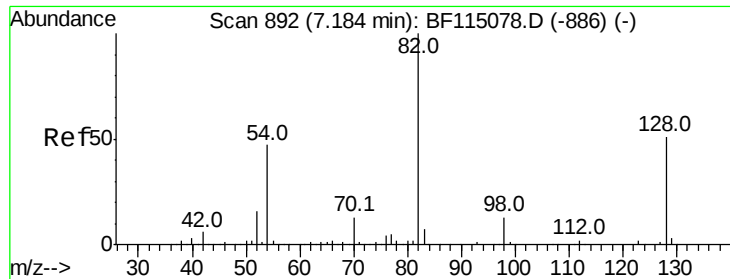
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->





#23

Nitrobenzene-d5

Concen: 73.646 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121059BL

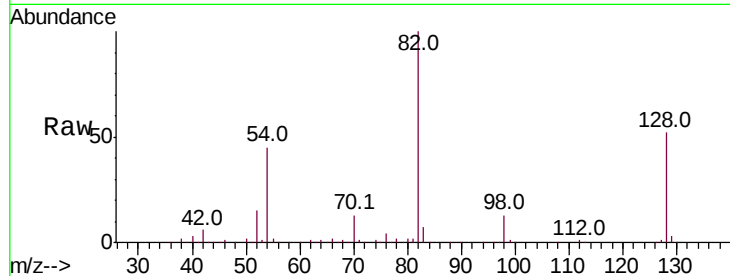
Tot Ion: 82 Resp: 1139945

Ion Ratio Lower Upper

82 100

128 52.1 40.8 61.2

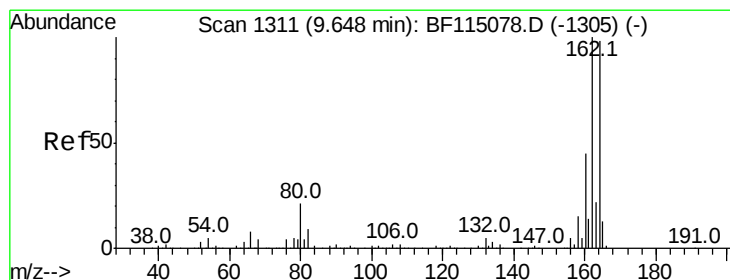
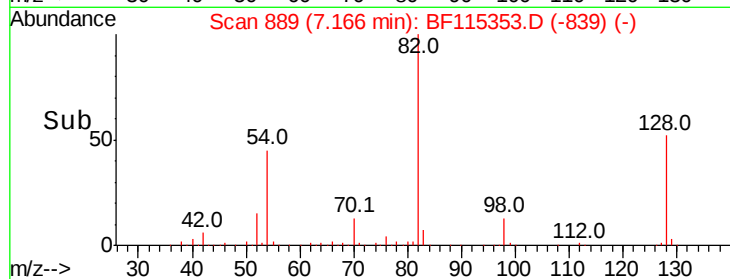
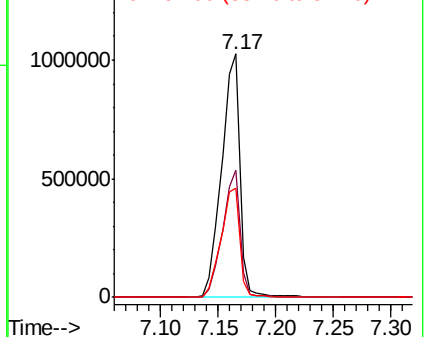
54 44.9 37.0 55.4



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: 9.63 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

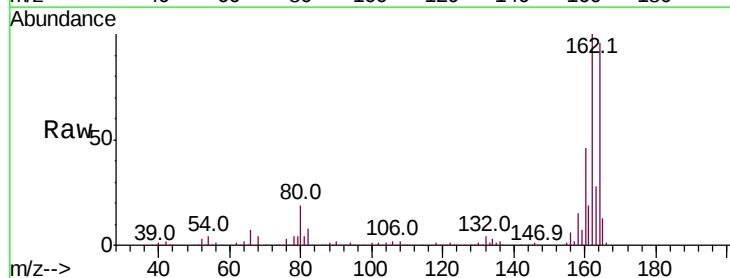
Tgt Ion:164 Resp: 480740

Ion Ratio Lower Upper

164 100

162 103.8 82.0 123.0

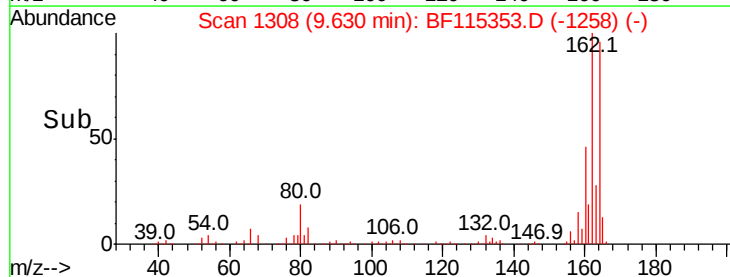
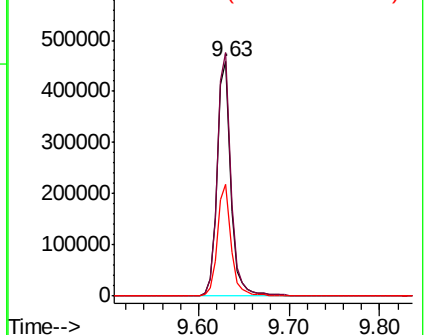
160 47.4 37.0 55.6

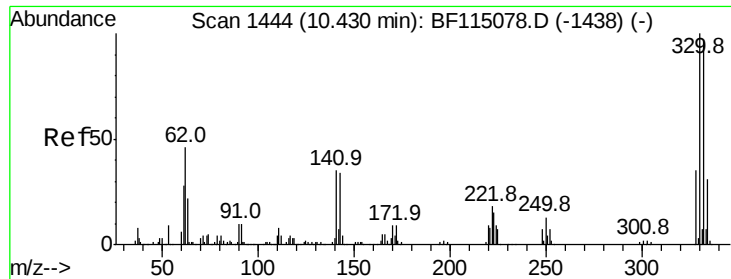


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

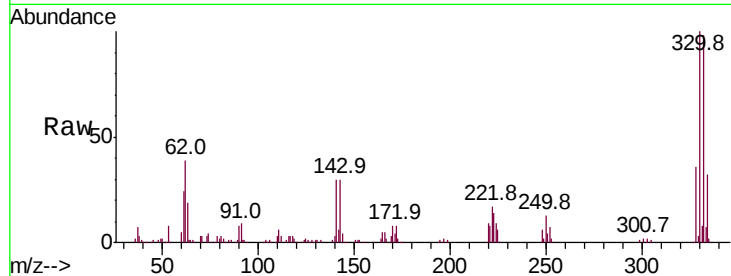




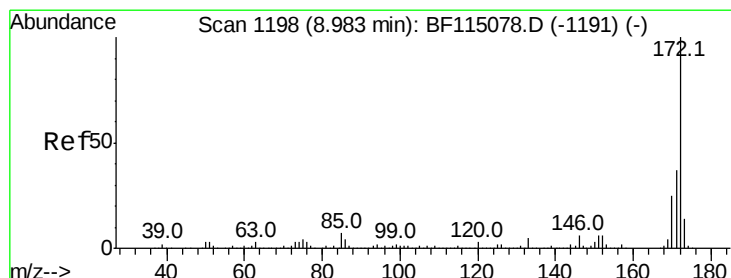
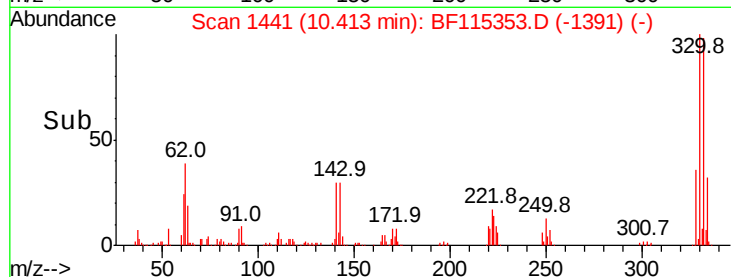
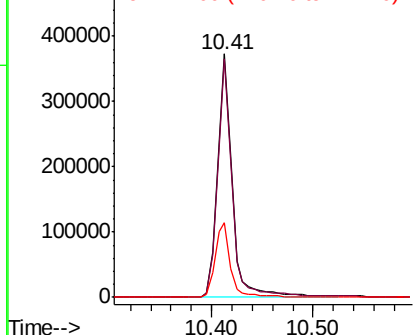
#42
 2,4,6-Tribromophenol
 Concen: 75.081 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115353.D
 Acq: 2 Jul 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BL

Tot Ion:330 Resp: 380631
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 32.5 25.4 38.2

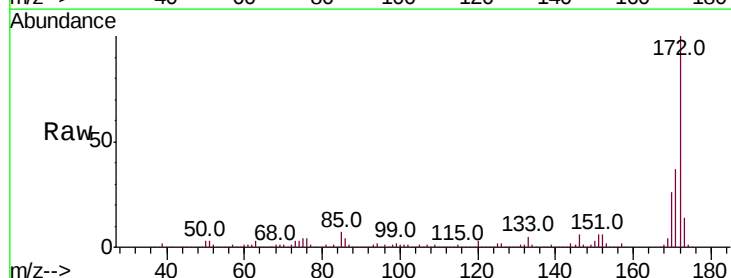


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

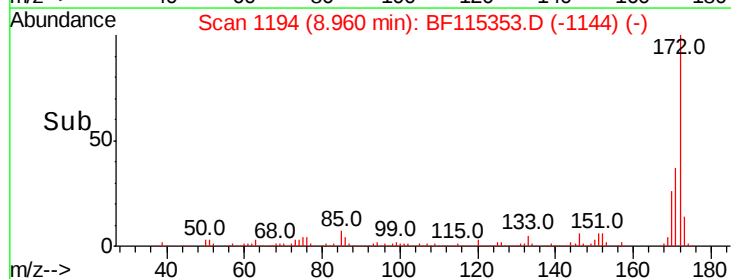
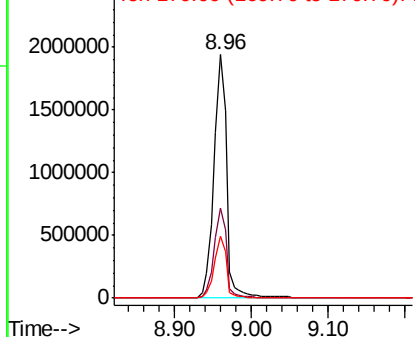


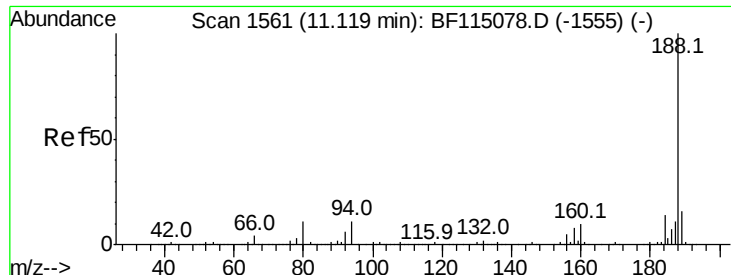
#45
 2-Fluorobiphenyl
 Concen: 77.562 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF115353.D
 Acq: 2 Jul 2019 10:16

Tgt Ion:172 Resp: 2195128
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.8
 170 25.6 20.2 30.4



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

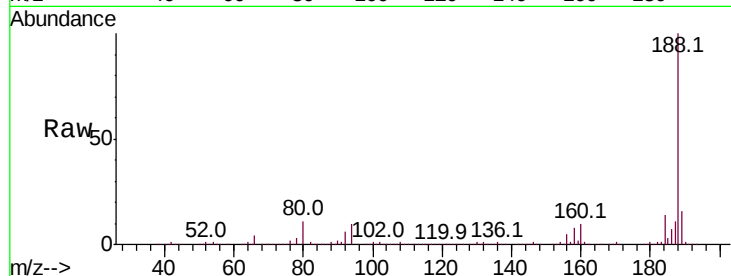




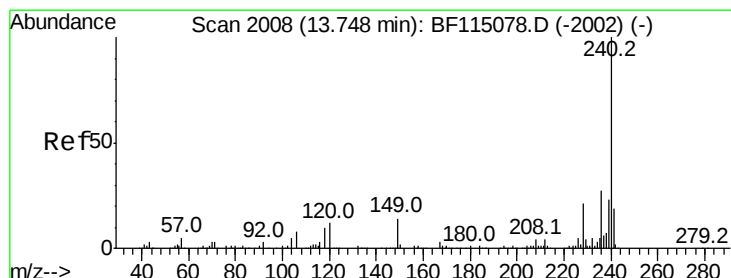
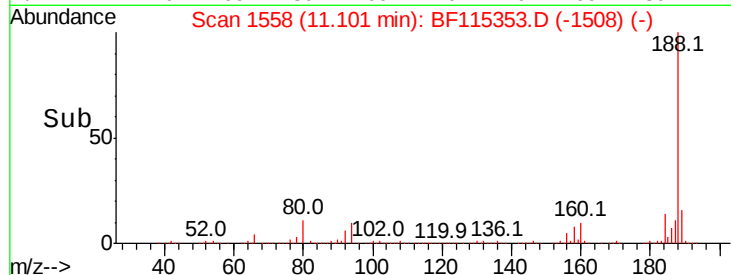
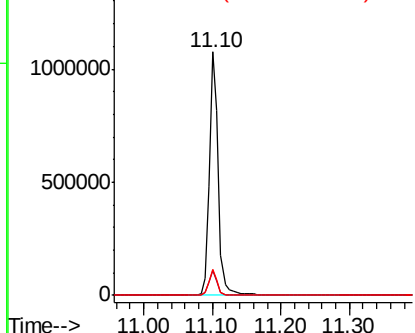
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF115353.D
Acq: 2 Jul 2019 10:16

Instrument :
BNA_F
ClientSampled :
PB121059BL

Tot Ion:188 Resp: 987750
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.7 7.9 11.9

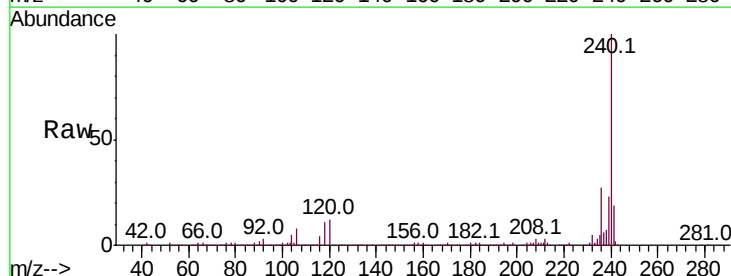


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

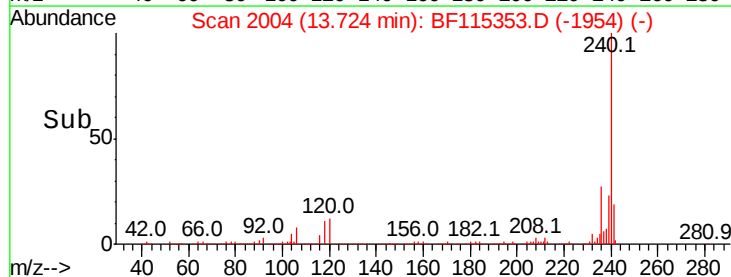
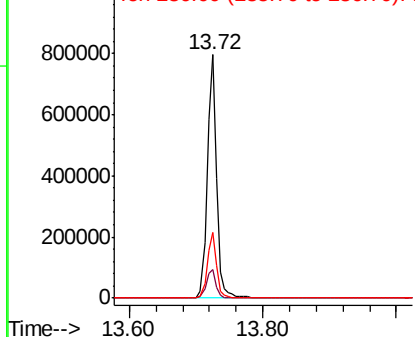


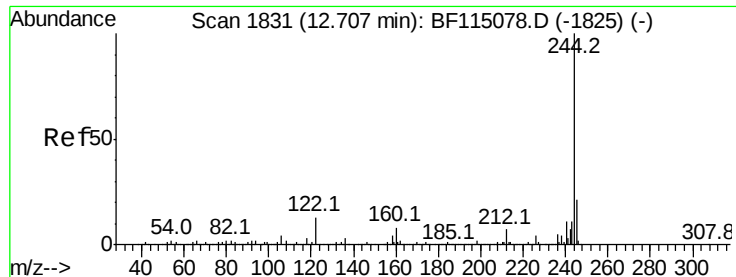
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115353.D
Acq: 2 Jul 2019 10:16

Tgt Ion:240 Resp: 766193
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.7 21.8 32.8



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: 63.757 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB121059BL

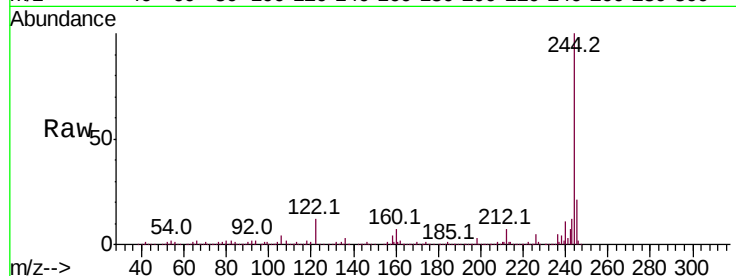
Tot Ion:244 Resp: 2297578

Ion Ratio Lower Upper

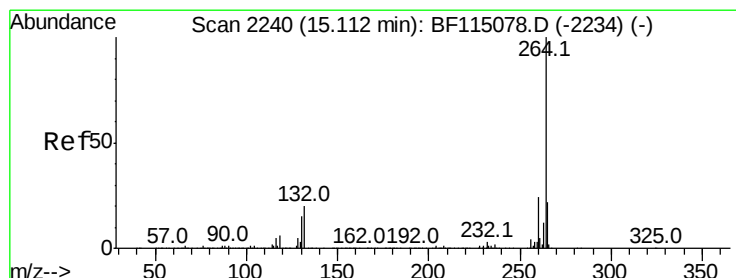
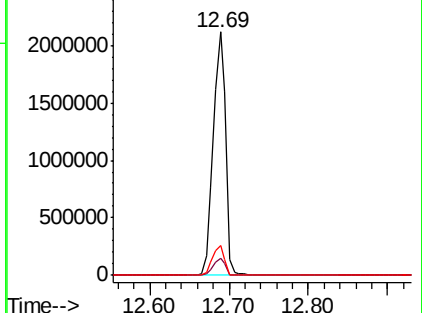
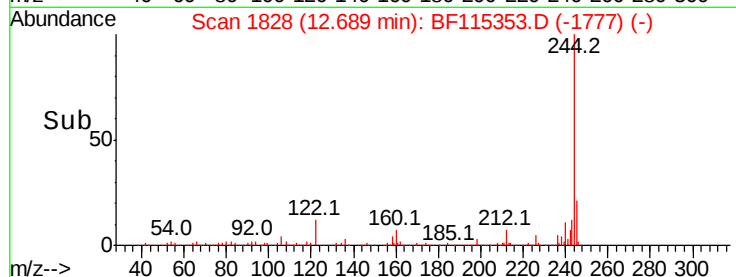
244 100

212 7.2 5.7 8.5

122 12.1 9.9 14.9



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: 15.09 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF115353.D

Acq: 2 Jul 2019 10:16

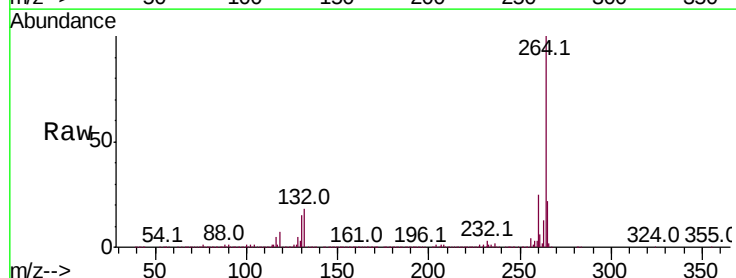
Tgt Ion:264 Resp: 788421

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 18.2 27.2



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

