

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115355.D
 Acq On : 2 Jul 2019 11:16
 Operator : HP/JU
 Sample : PB121082BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121082BL

Quant Time: Jul 02 12:21:48 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	205125	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	785076	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	383691	20.00	ng	-0.01
64) Phenanthrene-d10	11.10	188	753025	20.00	ng	0.00
76) Chrysene-d12	13.72	240	595305	20.00	ng	0.00
87) Perylene-d12	15.11	264	625714	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1410234	106.09	ng	0.01
7) Phenol-d6	6.25	99	1759955	109.09	ng	0.00
23) Nitrobenzene-d5	7.17	82	1099182	86.13	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	515266	127.35	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2115539	93.66	ng	0.00
79) Terphenyl-d14	12.69	244	2301680	82.21	ng	0.00

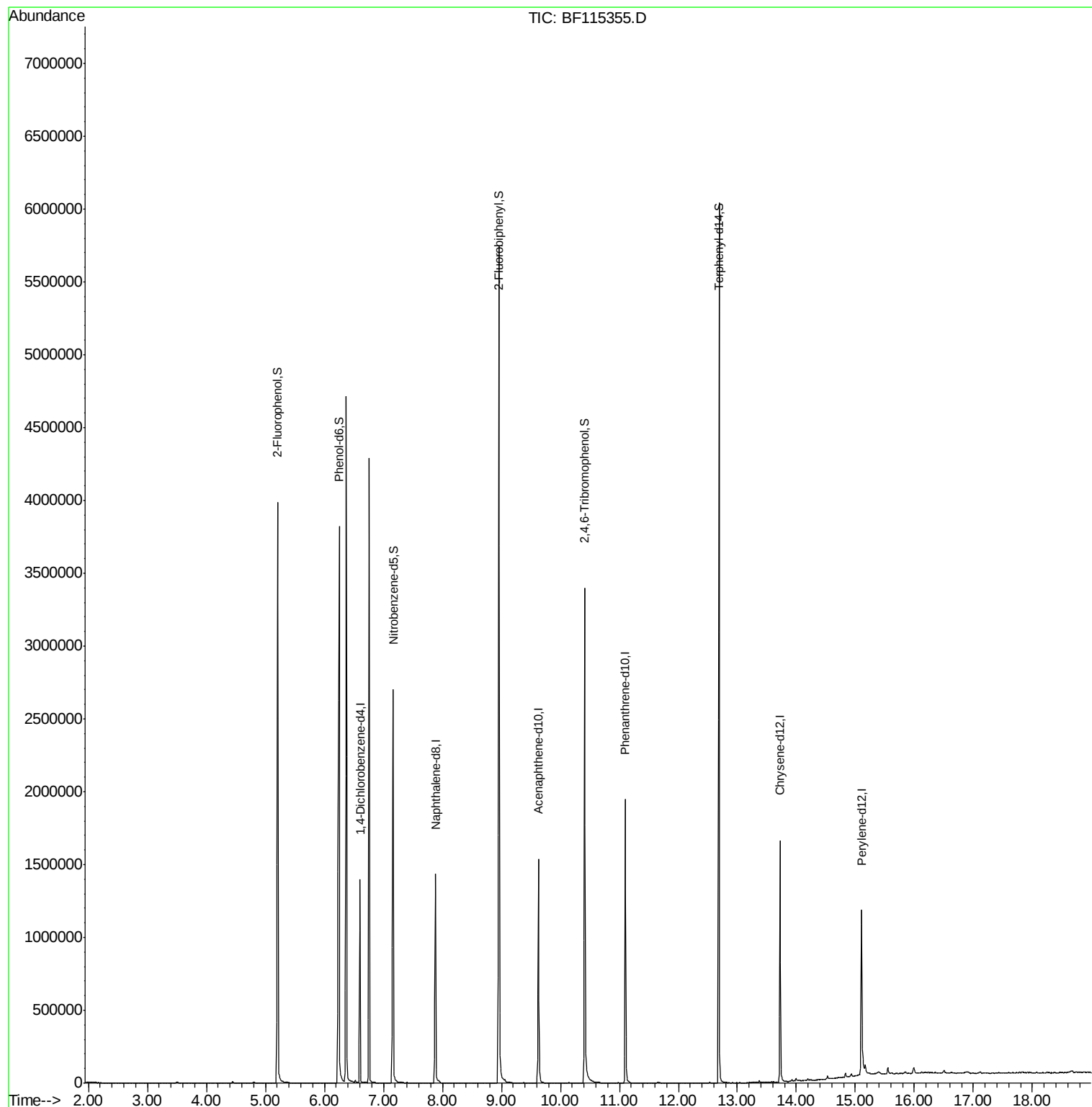
Target Compounds Qvalue

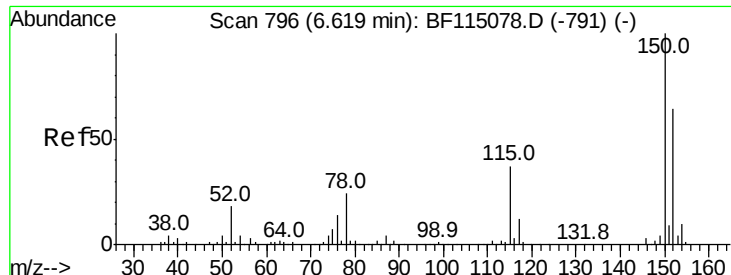
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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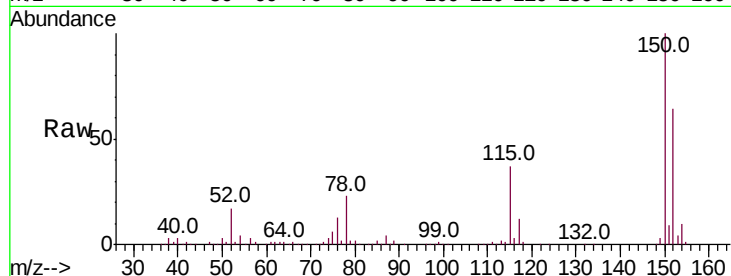


#1

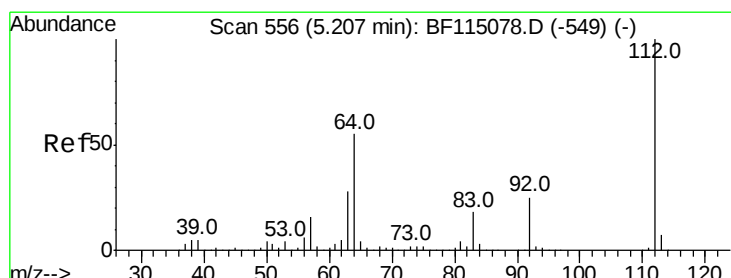
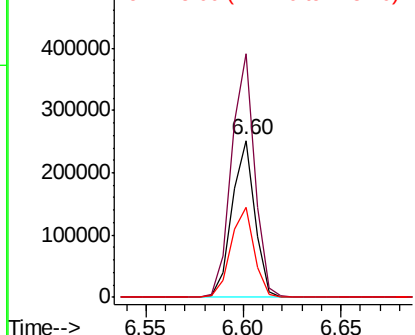
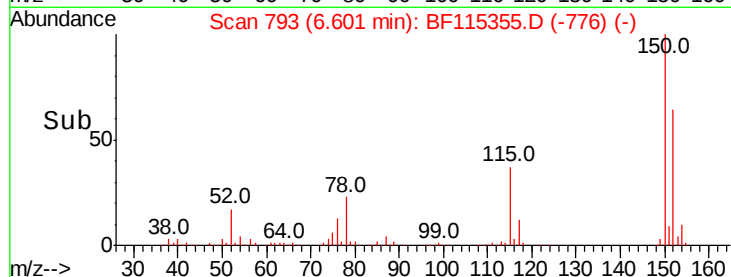
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tot Ion:152 Resp: 205125
Ion Ratio Lower Upper
152 100
150 155.5 125.2 187.8
115 57.2 48.2 72.2



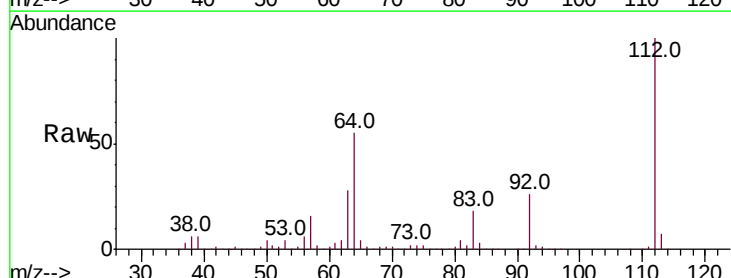
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



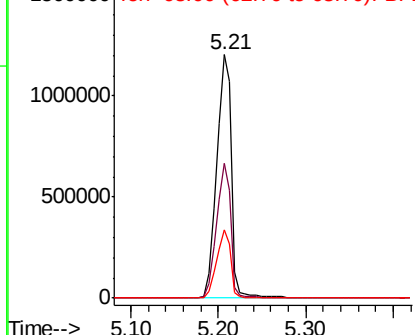
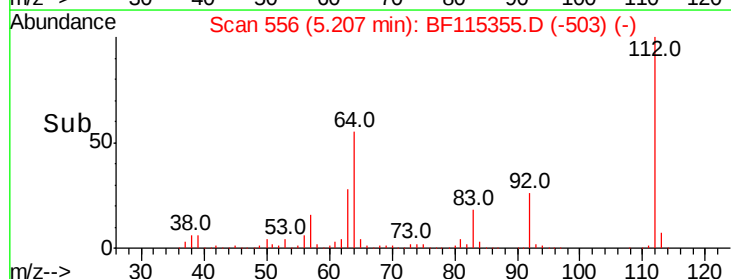
#5

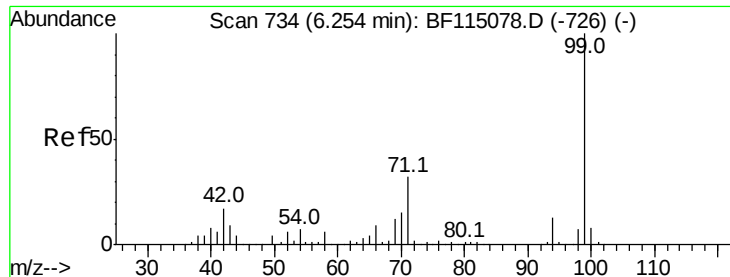
2-Fluorophenol
Concen: 106.093 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:112 Resp: 1410234
Ion Ratio Lower Upper
112 100
64 55.2 44.2 66.2
63 28.3 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: 109.085 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Instrument :

BNA_F

ClientSampleId :

PB121082BL

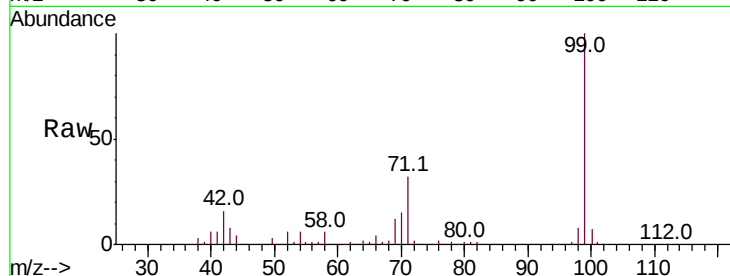
Tot Ion: 99 Resp: 1759955

Ion Ratio Lower Upper

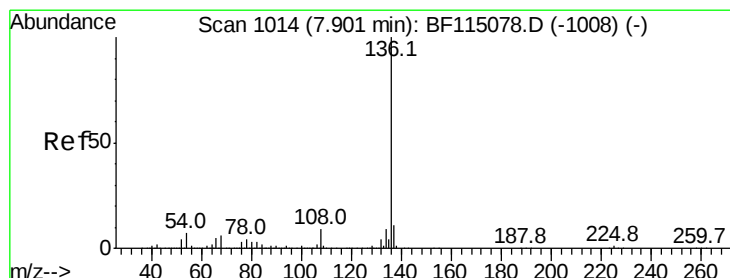
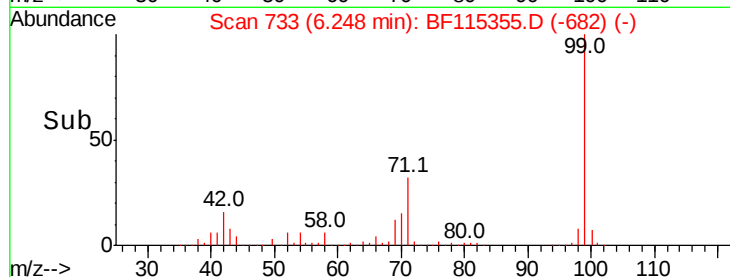
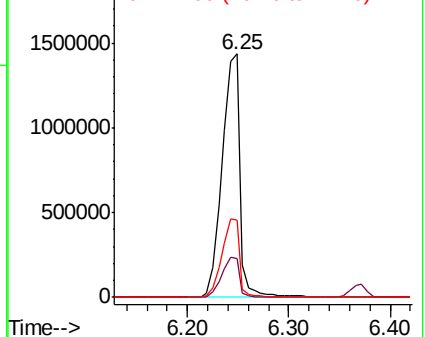
99 100

42 16.0 13.4 20.2

71 31.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Tgt Ion: 136 Resp: 785076

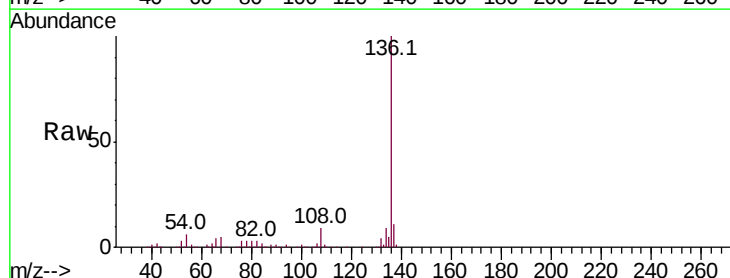
Ion Ratio Lower Upper

136 100

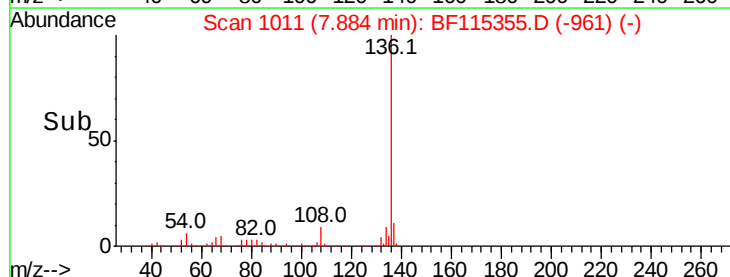
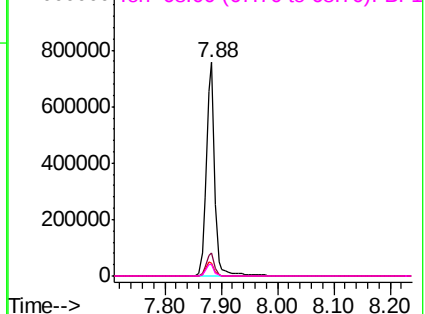
137 10.8 8.9 13.3

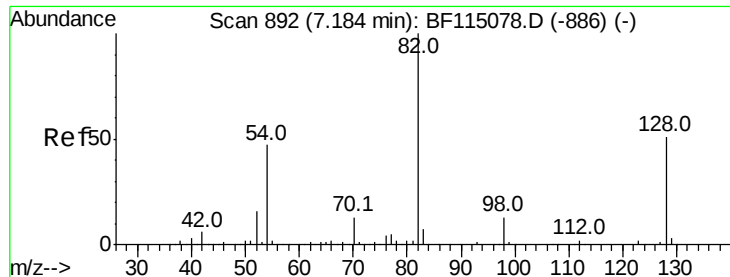
54 6.3 5.1 7.7

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

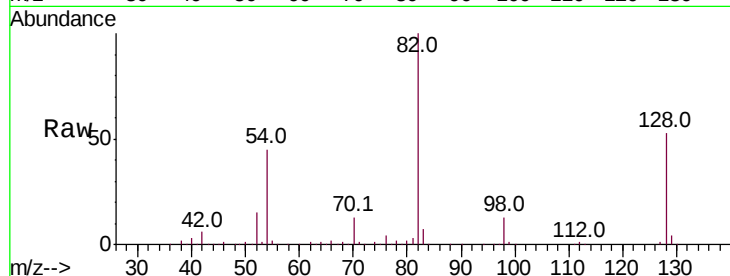




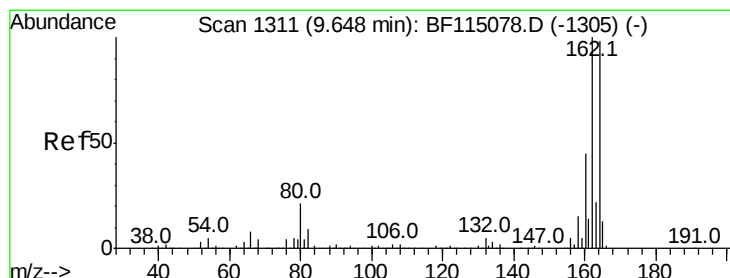
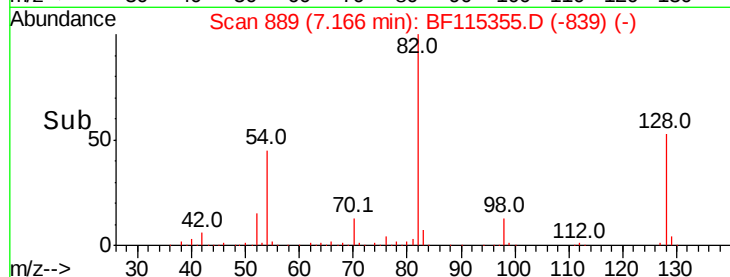
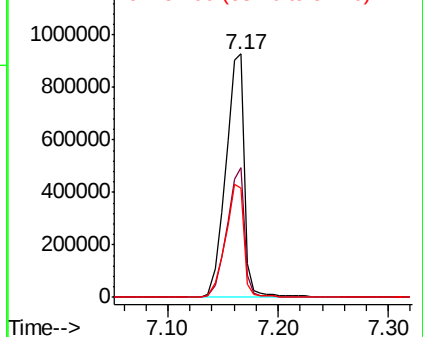
#23
Nitrobenzene-d5
Concen: 86.127 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tot Ion: 82 Resp: 1099182
Ion Ratio Lower Upper
82 100
128 53.1 40.8 61.2
54 44.9 37.0 55.4

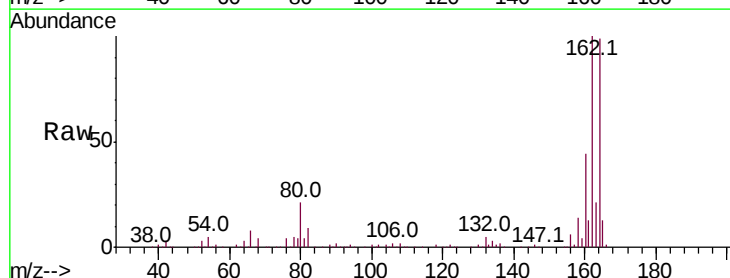


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

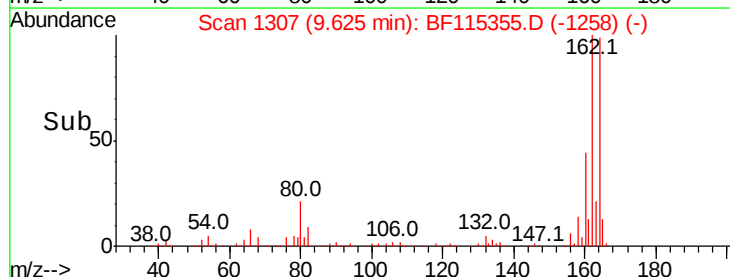
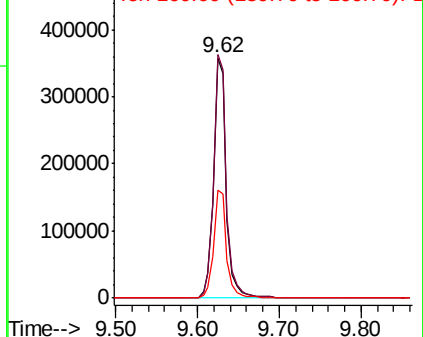


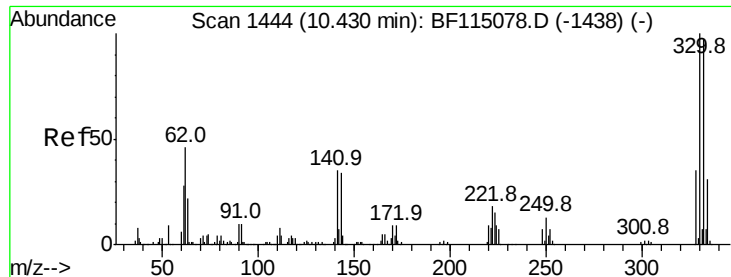
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:164 Resp: 383691
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 44.9 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

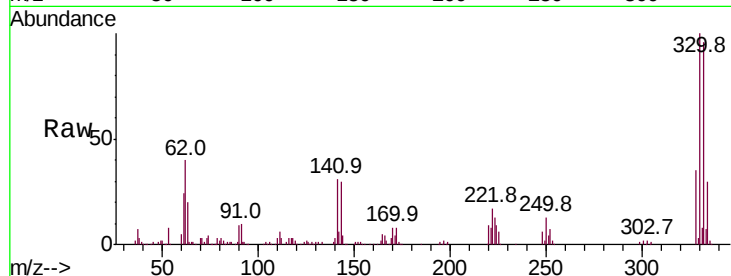




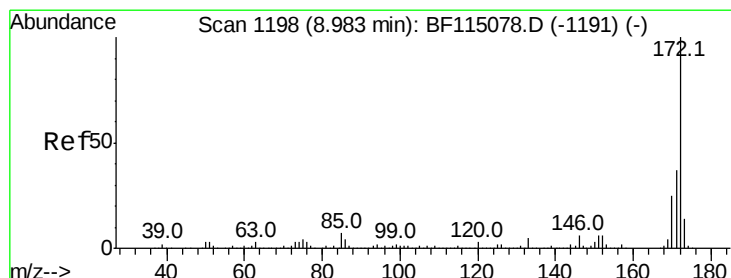
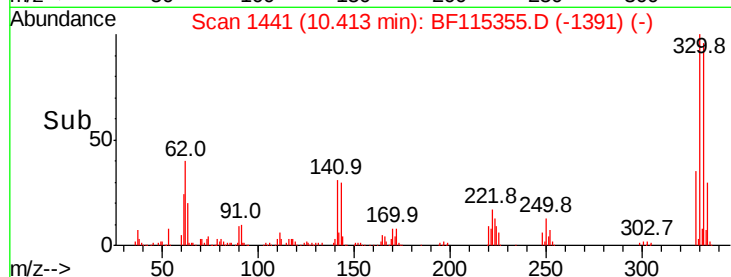
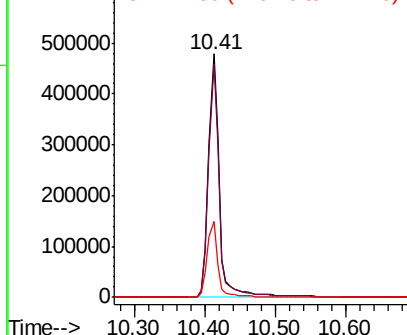
#42
 2,4,6-Tribromophenol
 Concen: 127.347 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115355.D
 Acq: 2 Jul 2019 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB121082BL

Tot Ion:330 Resp: 515266
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.5 25.4 38.2

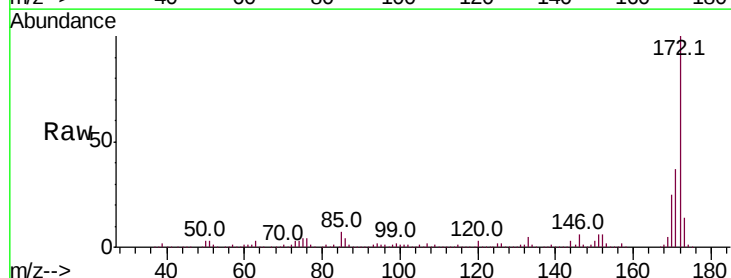


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

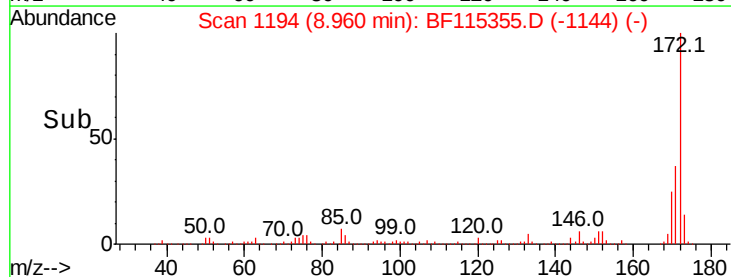
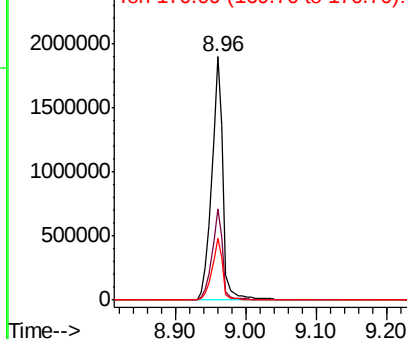


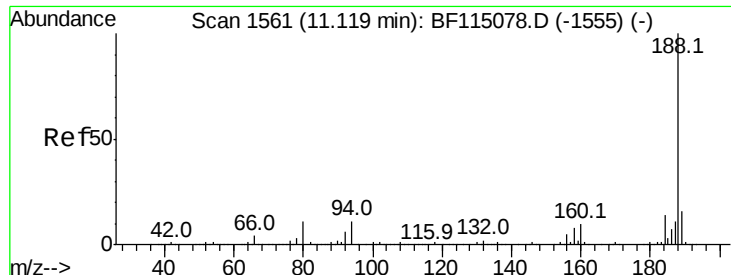
#45
 2-Fluorobiphenyl
 Concen: 93.656 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF115355.D
 Acq: 2 Jul 2019 11:16

Tgt Ion:172 Resp: 2115539
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.8
 170 25.5 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

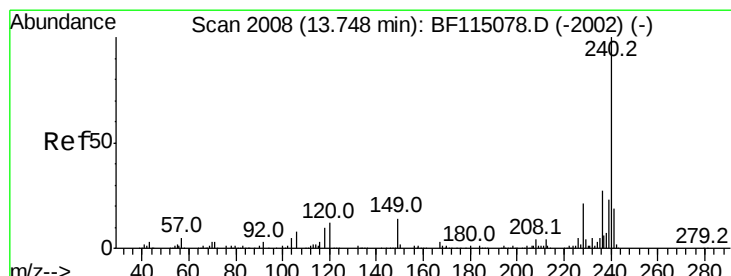
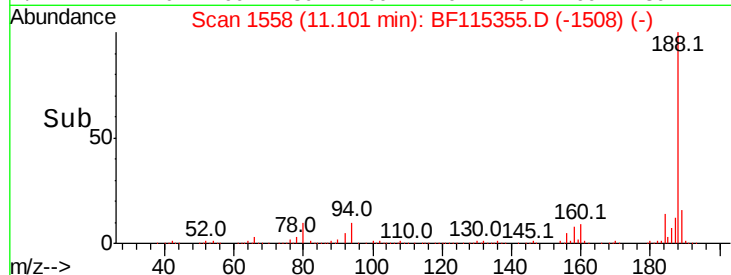
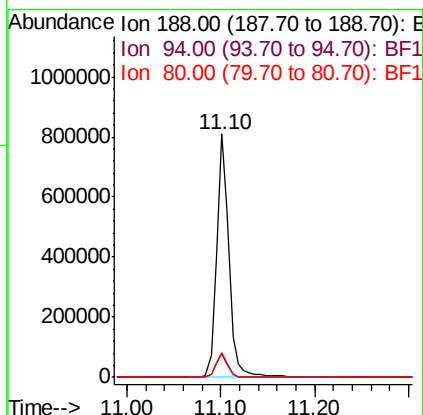
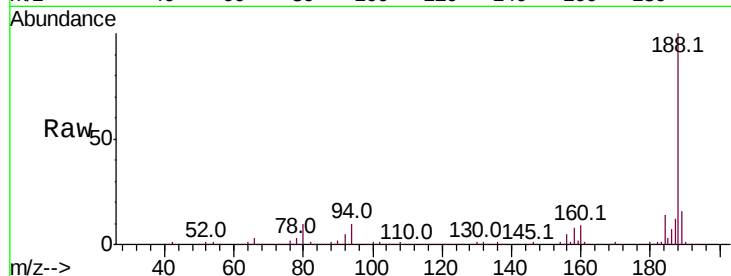




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

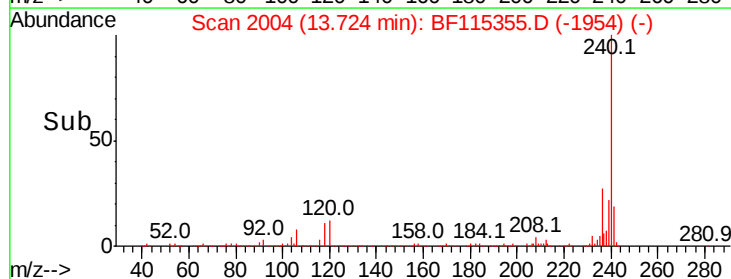
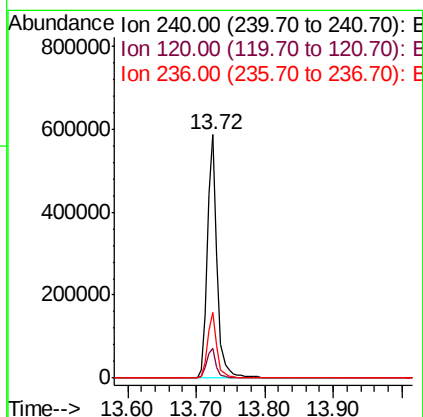
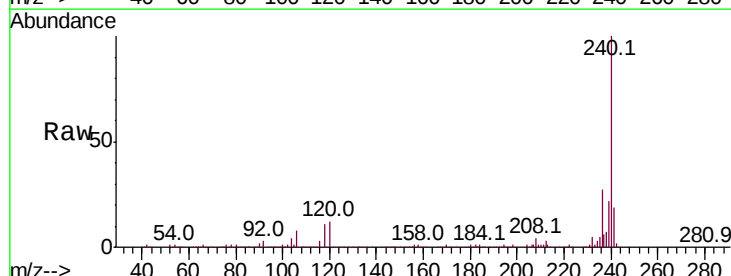
Instrument :
BNA_F
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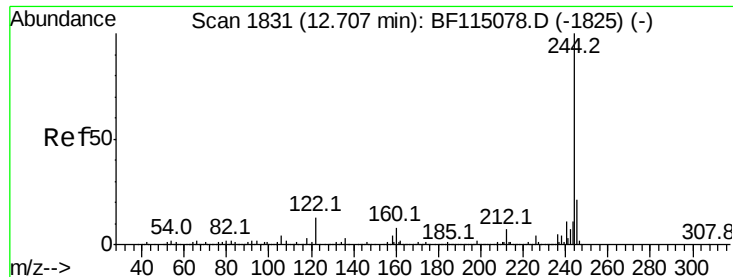
Tot Ion:188 Resp: 753025
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:240 Resp: 595305
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 27.1 21.8 32.8





#79

Terphenyl-d14

Concen: 82.205 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Instrument :

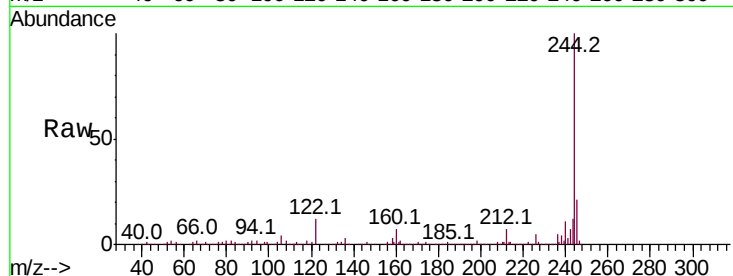
BNA_F

ClientSampleId :

PB121082BL

Tot Ion:244 Resp: 2301680

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.6	9.9	14.9

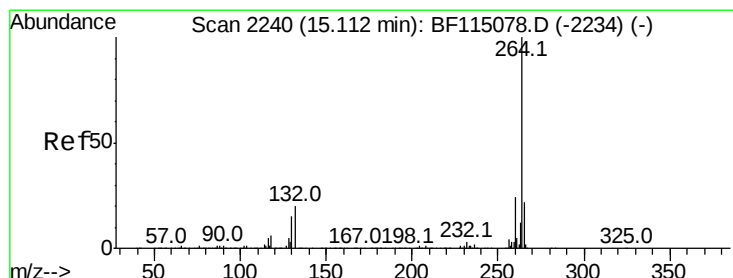
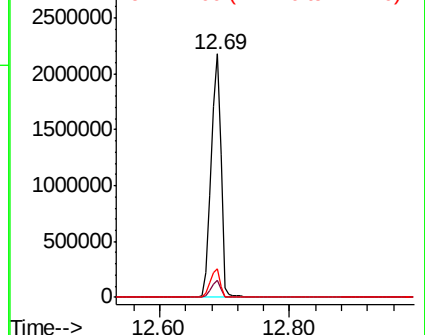
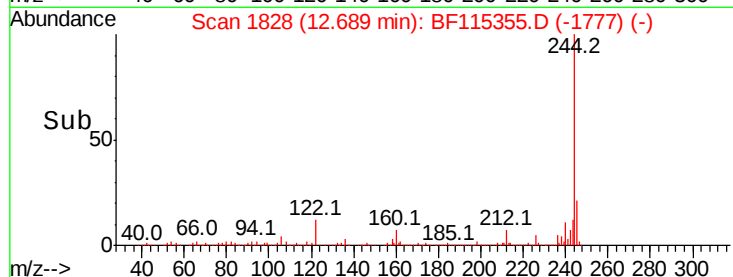


Abundance

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: 15.11 min Scan# 2239

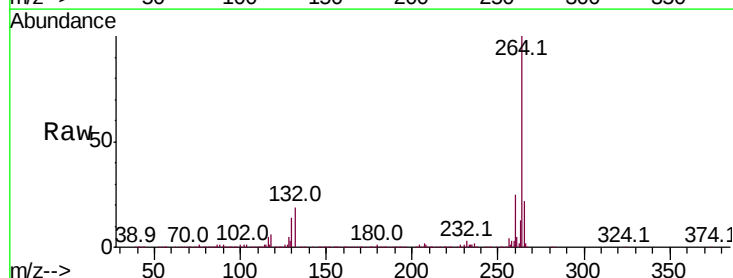
Delta R.T. 0.01 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Tgt Ion:264 Resp: 625714

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.1	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

