

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115145.D
 Acq On : 24 Jun 2019 12:58
 Operator : HP/JU
 Sample : PB120809BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Quant Time: Jun 25 07:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	316200	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1195167	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	601101	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1192868	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	905405	20.00	ng	-0.02
87) Perylene-d12	15.10	264	830113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2117477	103.34	ng	0.02
7) Phenol-d6	6.25	99	2619553	105.33	ng	0.00
23) Nitrobenzene-d5	7.17	82	1625578	83.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	757679	119.53	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	3009638	85.05	ng	-0.01
79) Terphenyl-d14	12.70	244	3237439	76.02	ng	0.00

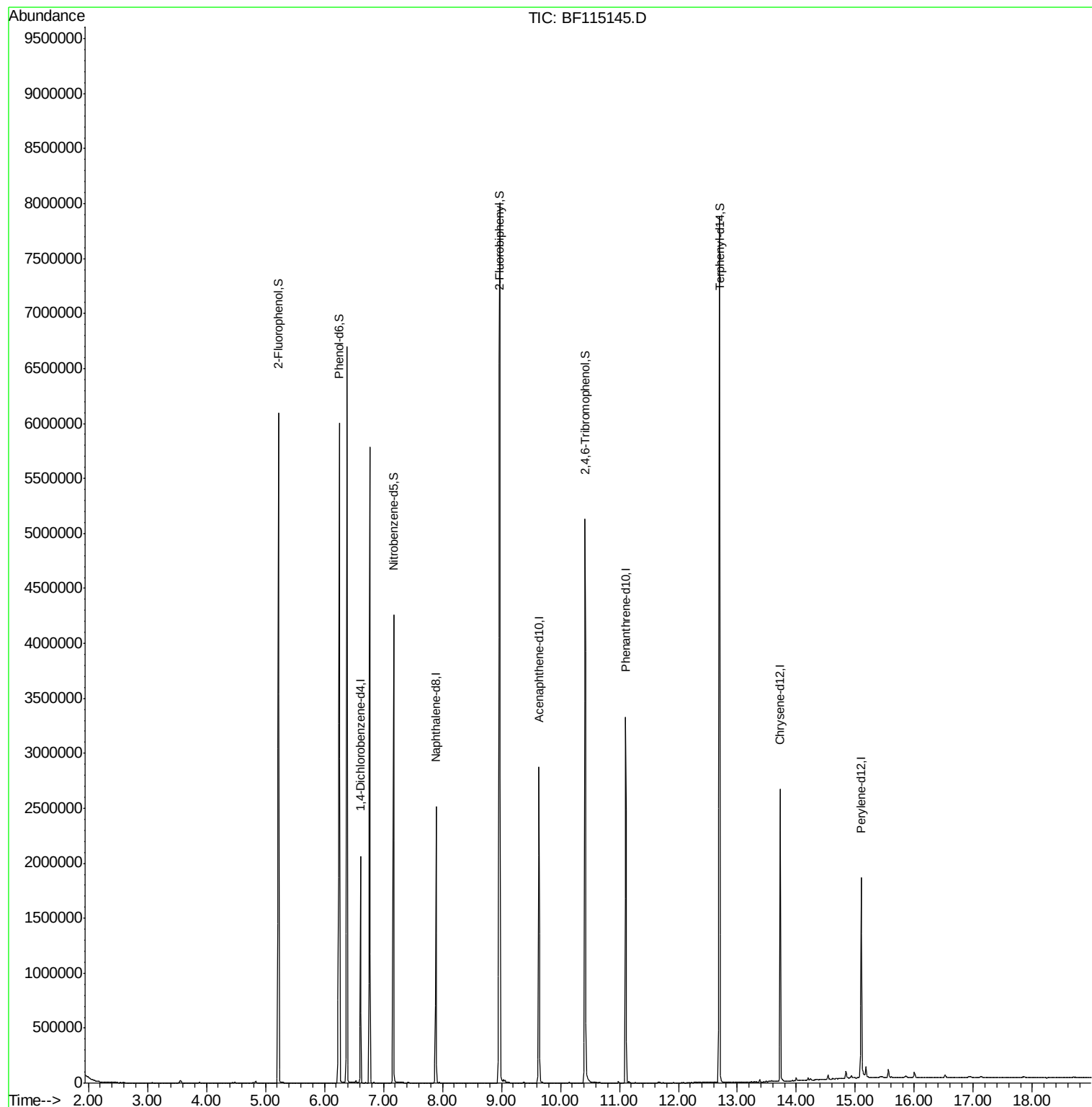
Target Compounds Qvalue

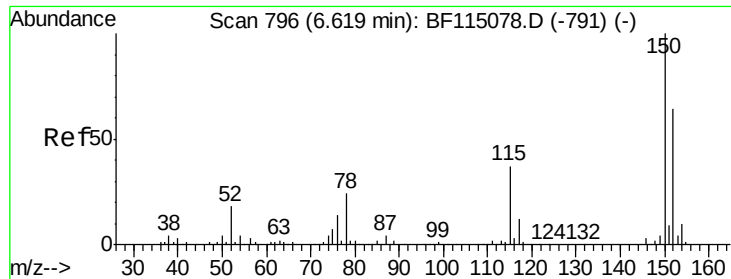
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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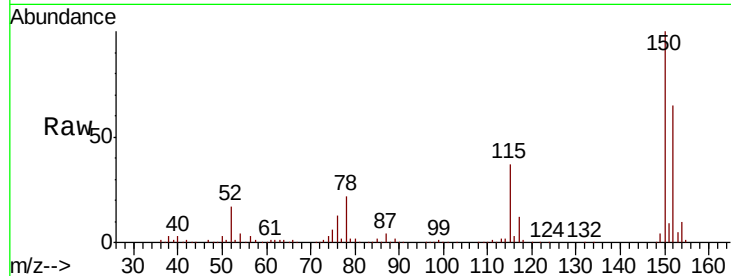


#1

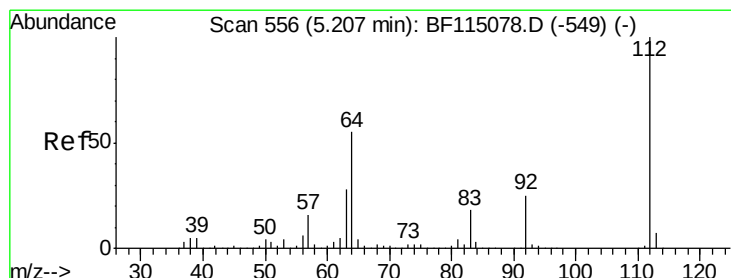
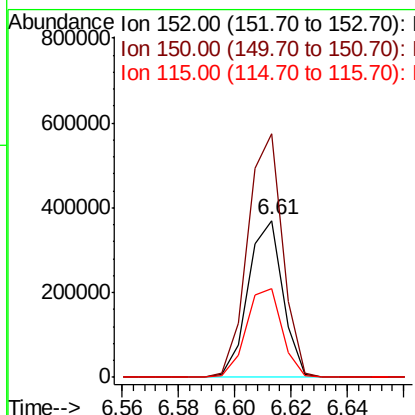
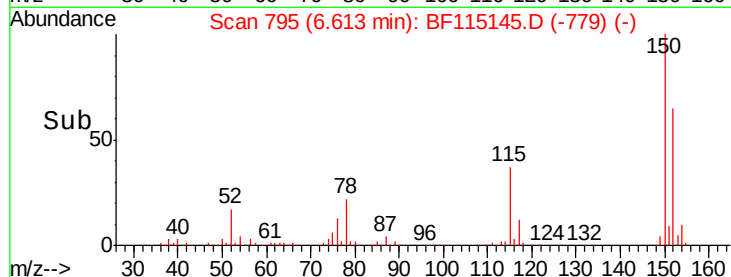
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
PB120809BL

Tot Ion:152 Resp: 316200
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 56.6 46.1 69.1



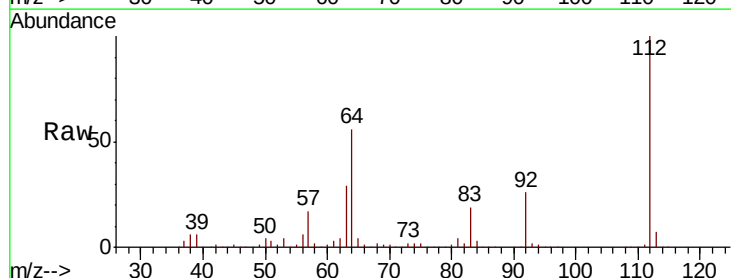
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



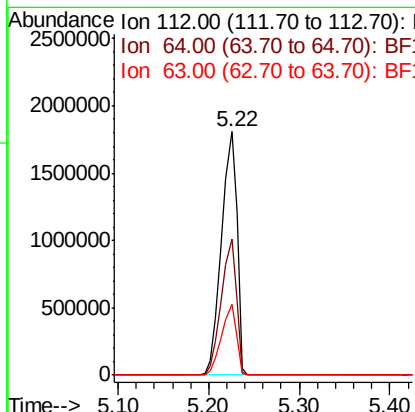
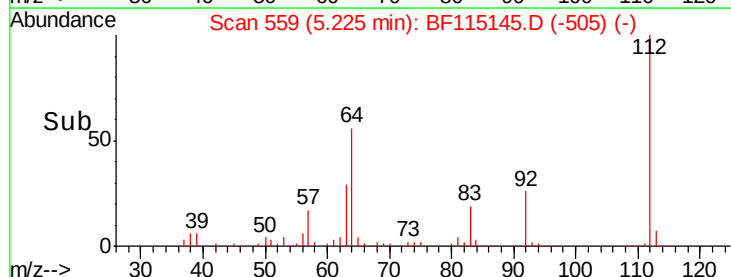
#5

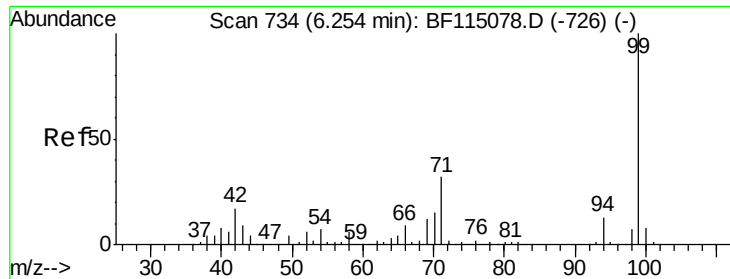
2-Fluorophenol
Concen: 103.340 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt Ion:112 Resp: 2117477
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.6
63 29.1 22.2 33.4



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: 105.329 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

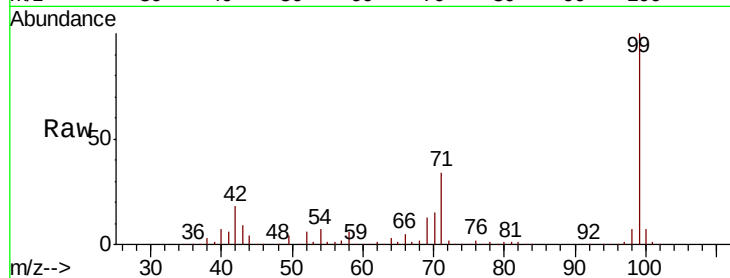
Tot Ion: 99 Resp: 2619553

Ion Ratio Lower Upper

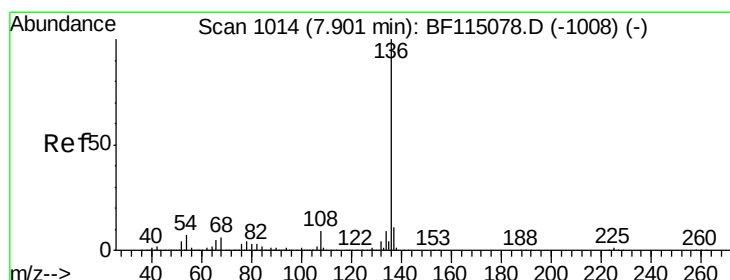
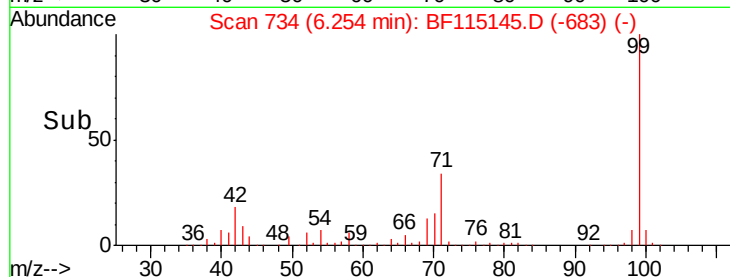
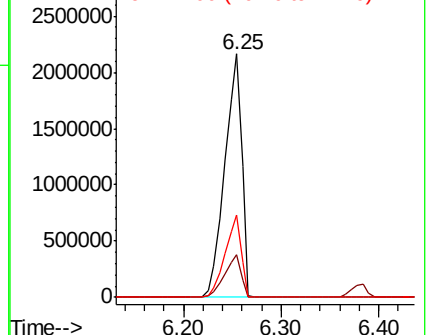
99 100

42 17.7 13.6 20.4

71 34.0 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Tgt Ion:136 Resp: 1195167

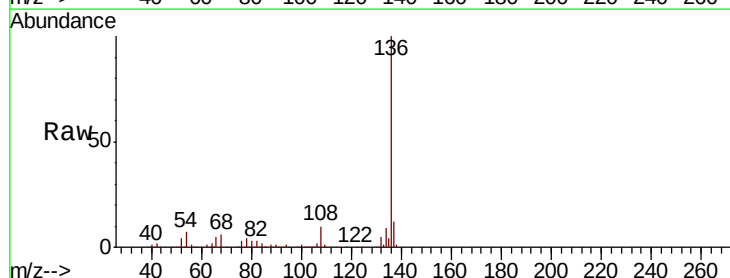
Ion Ratio Lower Upper

136 100

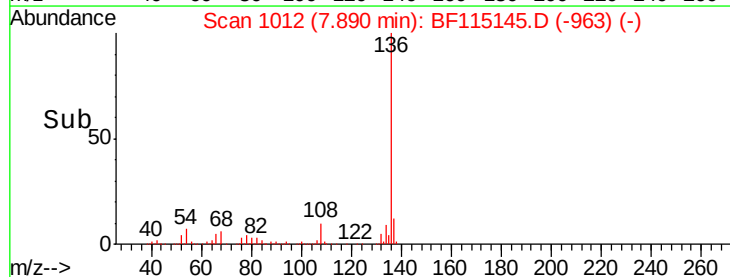
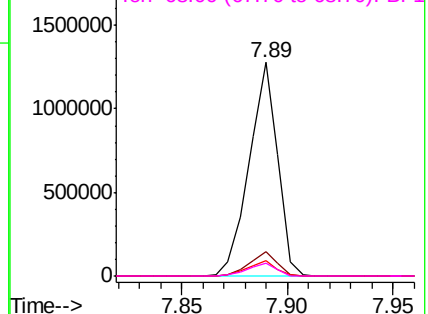
137 11.5 8.9 13.3

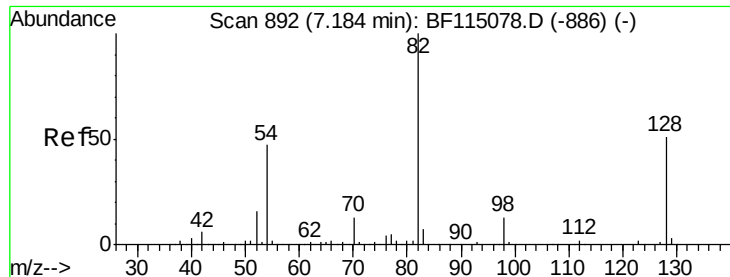
54 7.1 5.6 8.4

68 6.1 4.8 7.2



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



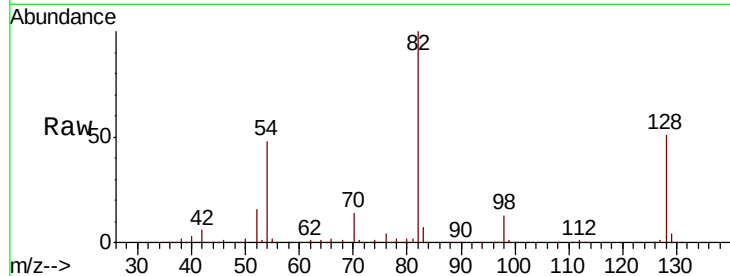


#23
 Nitrobenzene-d5
 Concen: 83.669 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

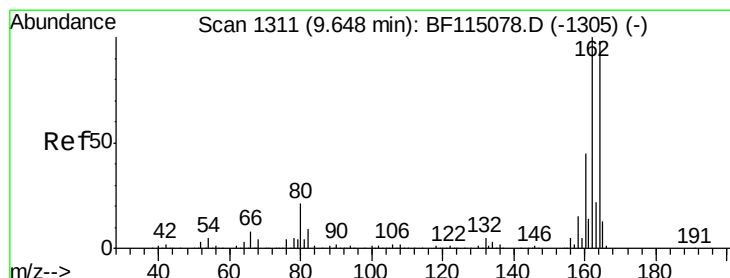
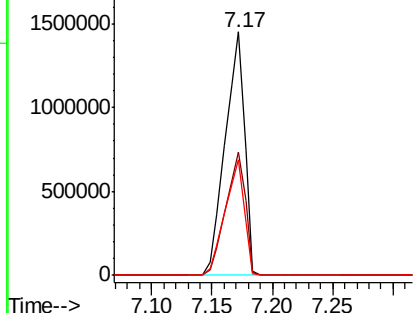
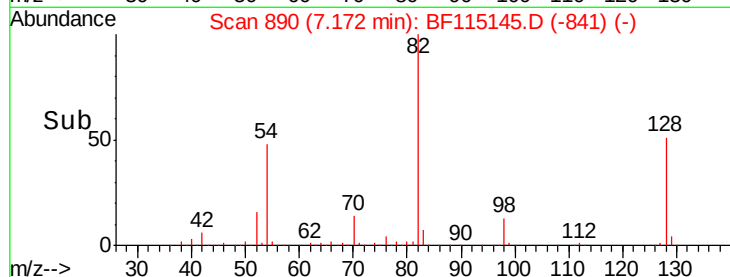
Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Tot Ion: 82 Resp: 1625578

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.4	60.6
54	47.5	37.5	56.3



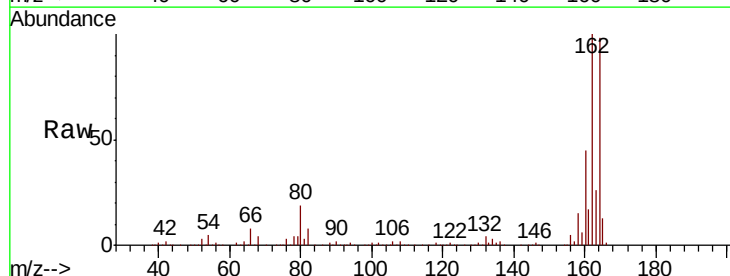
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



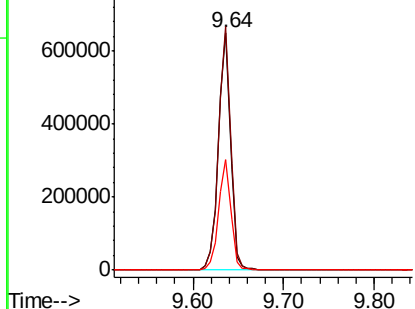
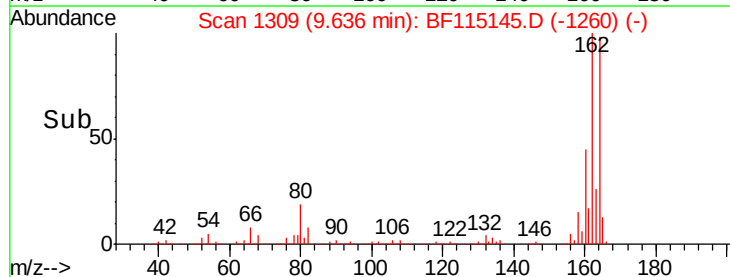
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

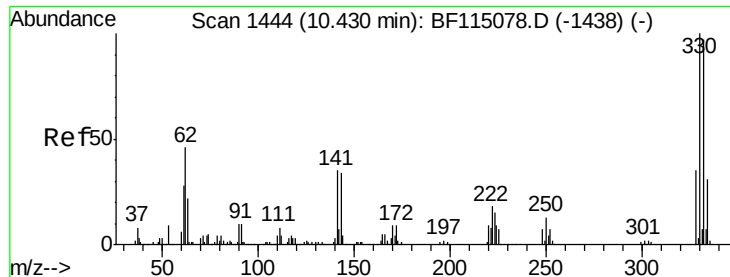
Tgt Ion:164 Resp: 601101

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.7	122.5
160	46.3	37.0	55.4



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

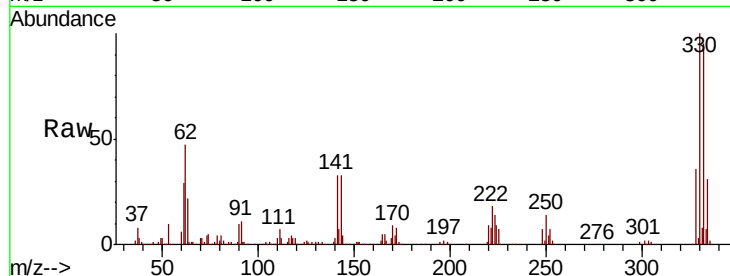




#42
 2,4,6-Tribromophenol
 Concen: 119.530 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	32.1	28.2	42.2

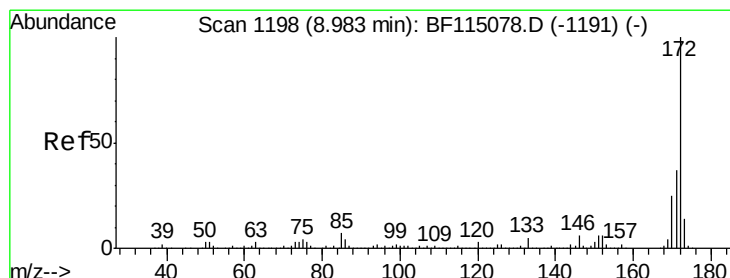
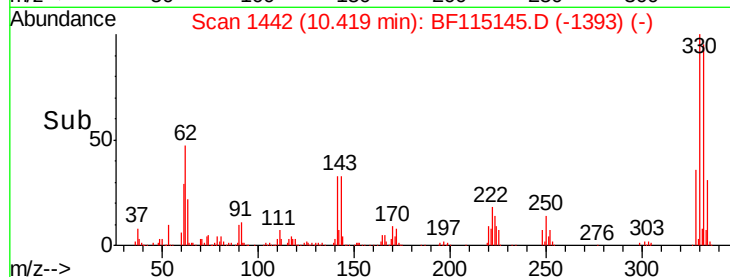
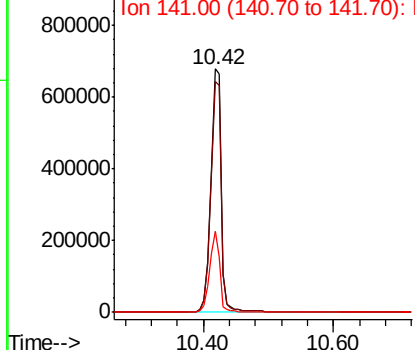


Abundance

Ion 329.80 (329.50 to 330.50): E

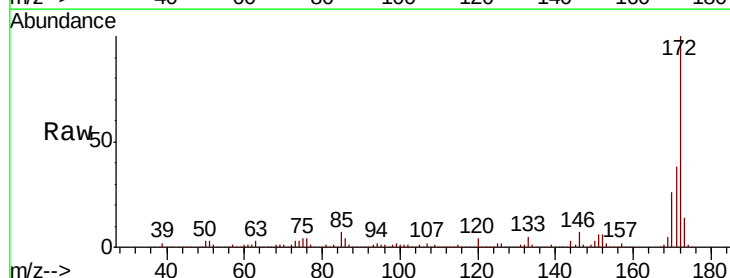
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.048 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115145.D
 Acq: 24 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	26.4	20.3	30.5

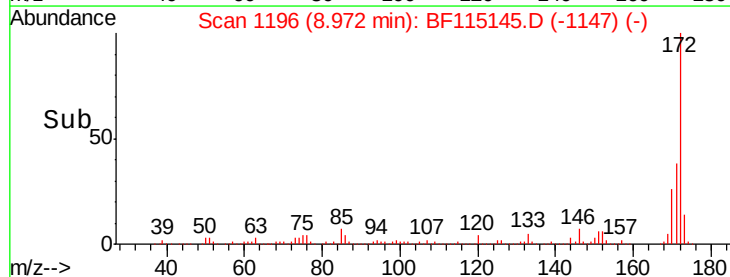
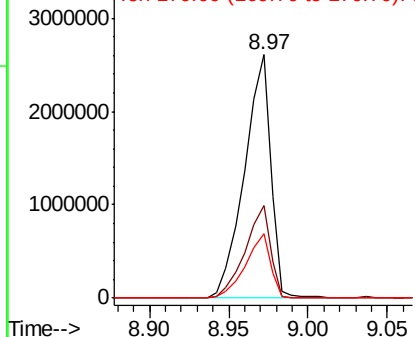


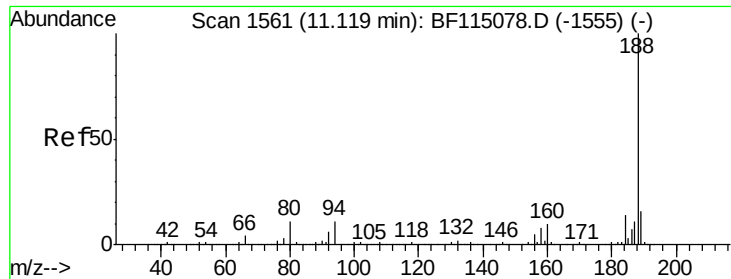
Abundance

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

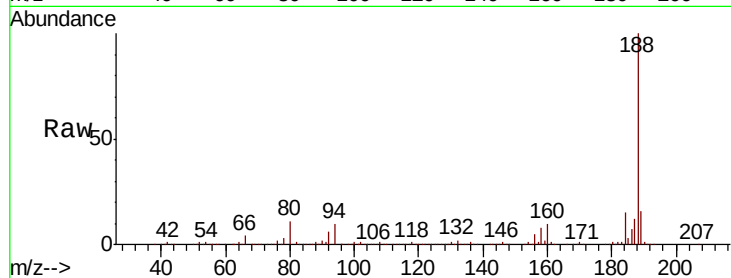




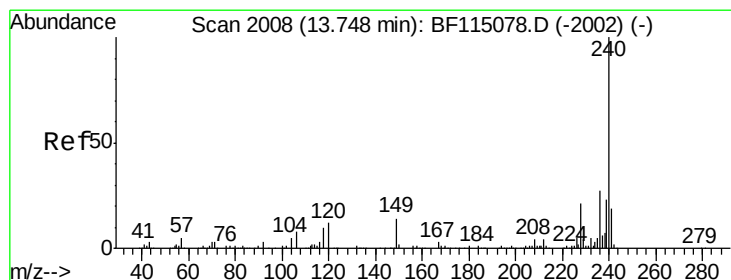
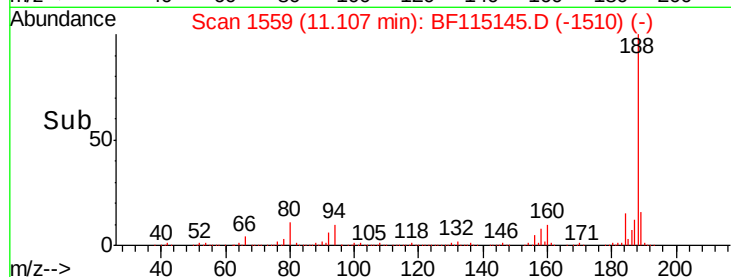
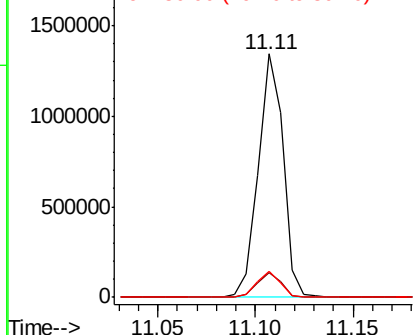
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
PB120809BL

Tot Ion:188 Resp: 1192868
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.8 8.8 13.2

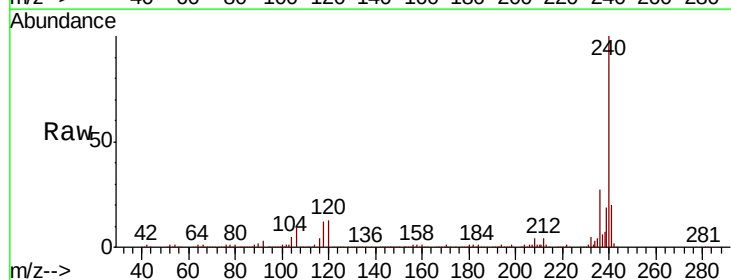


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

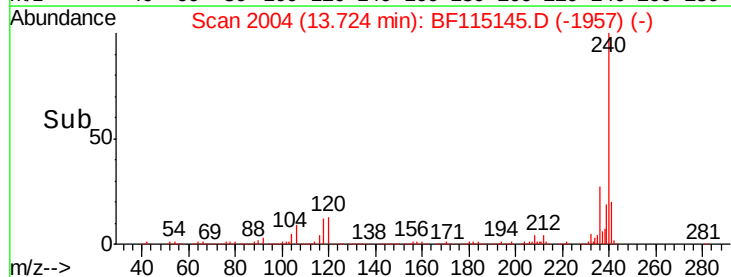
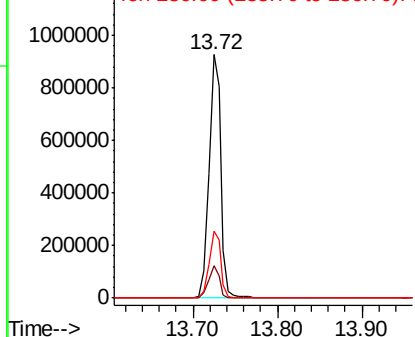


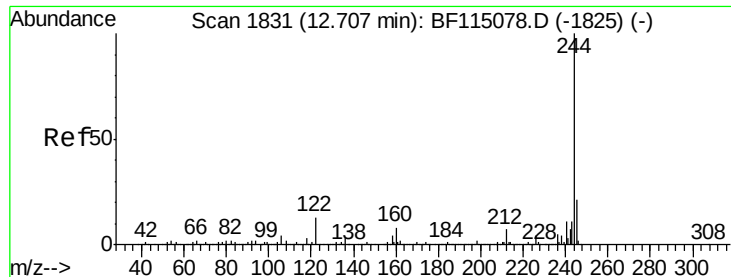
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115145.D
Acq: 24 Jun 2019 12:58

Tgt Ion:240 Resp: 905405
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 27.3 21.7 32.5



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: 76.025 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

PB120809BL

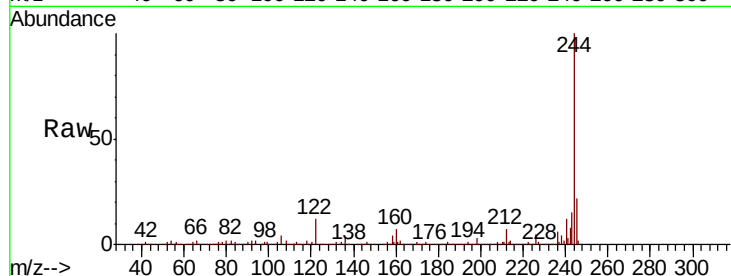
Tot Ion:244 Resp: 3237439

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

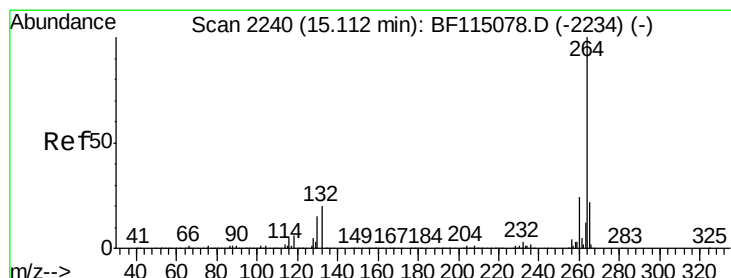
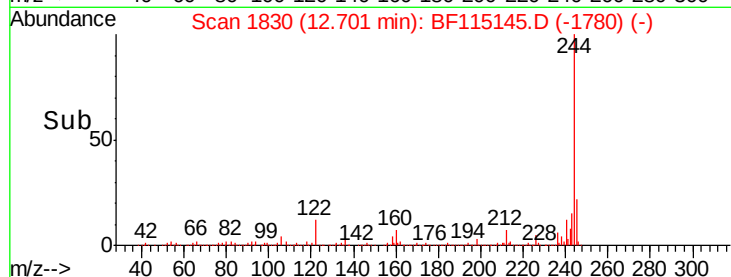
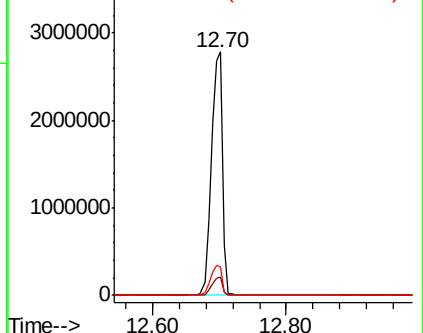
122 11.5 10.4 15.6



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: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115145.D

Acq: 24 Jun 2019 12:58

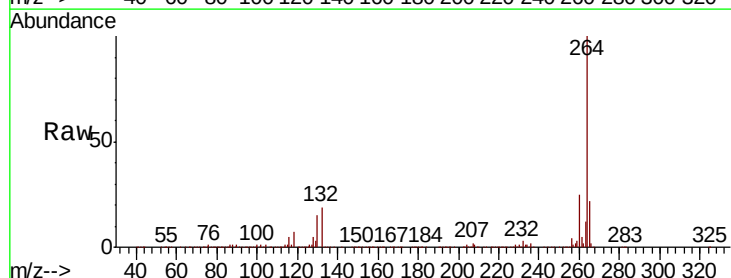
Tgt Ion:264 Resp: 830113

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 22.0 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

