

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115148.D
 Acq On : 24 Jun 2019 14:36
 Operator : HP/JU
 Sample : K3454-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30272

Quant Time: Jun 24 15:44:00 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	270385	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1026521	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	488275	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	870251	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	558608	20.00	ng	-0.02
87) Perylene-d12	15.09	264	644605	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	822188	46.92	ng	0.00
7) Phenol-d6	6.24	99	1070838	50.35	ng	-0.01
23) Nitrobenzene-d5	7.17	82	730705	43.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	179507	34.86	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1438074	50.03	ng	-0.02
79) Terphenyl-d14	12.69	244	1053734	40.11	ng	-0.02

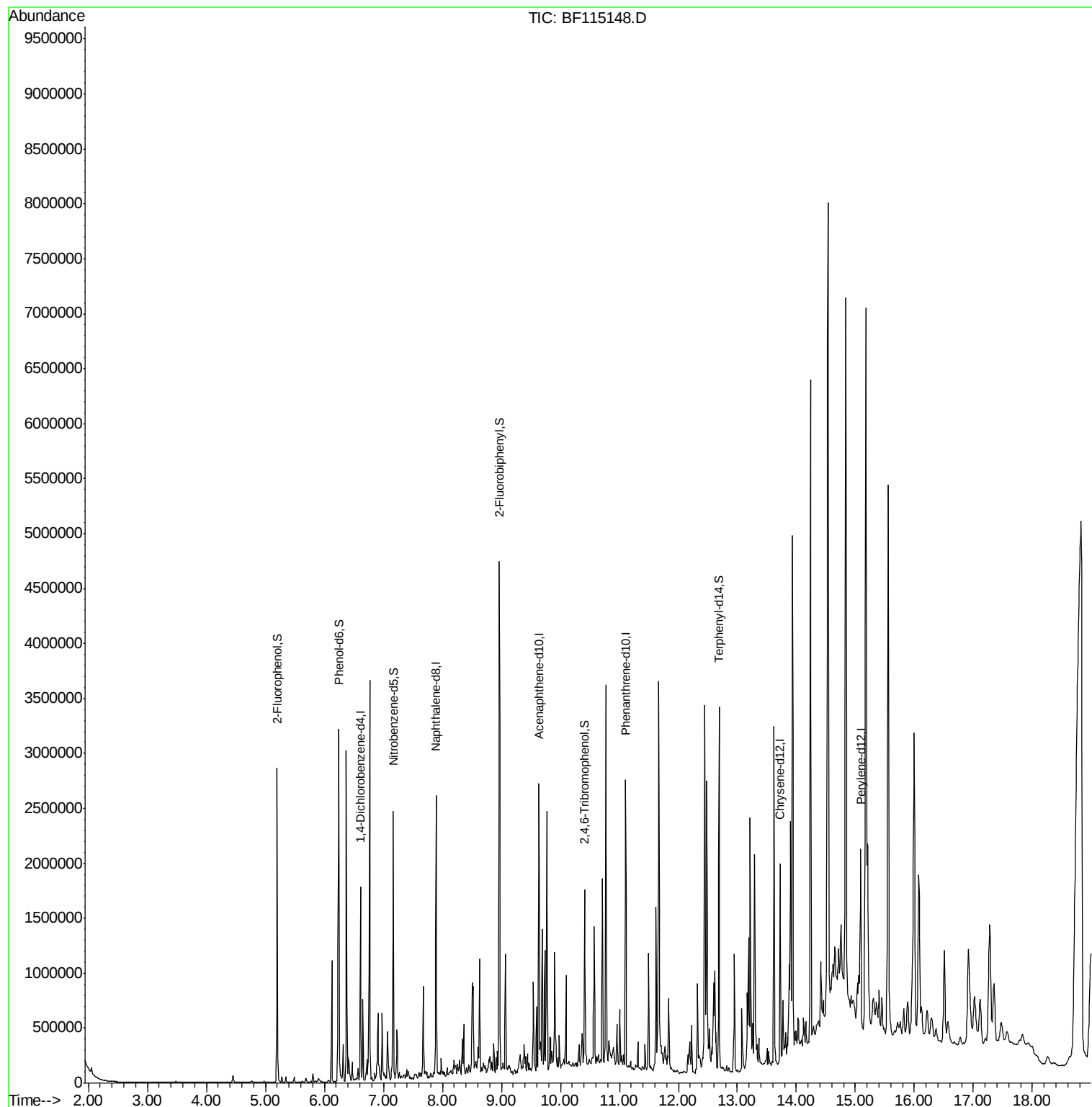
Target Compounds Qvalue

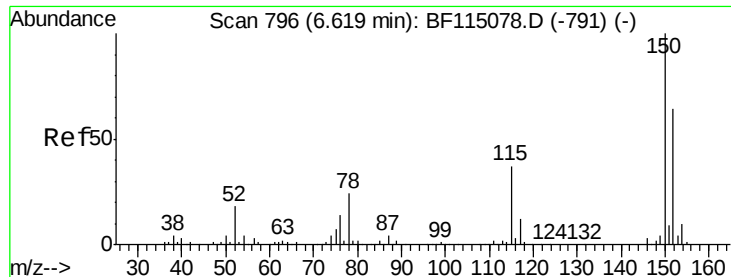
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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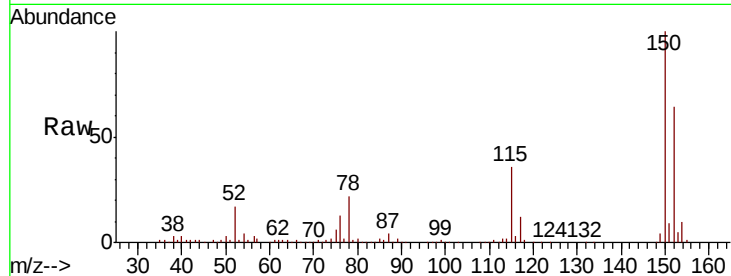


#1

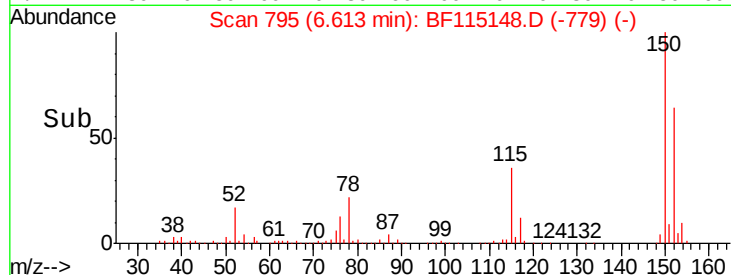
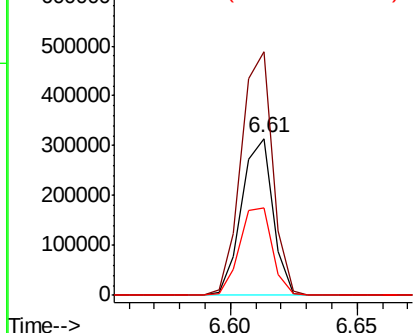
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Instrument :
BNA_F
ClientSampleId :
30272

Tot Ion:152 Resp: 270385
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 56.0 46.1 69.1



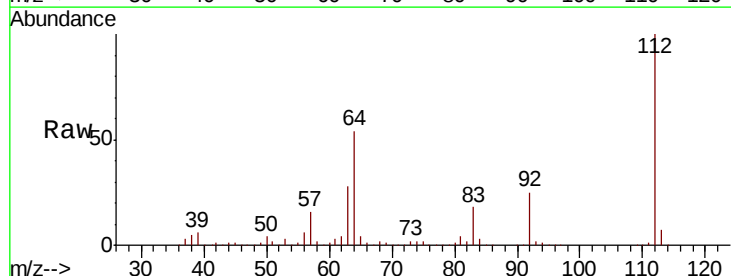
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



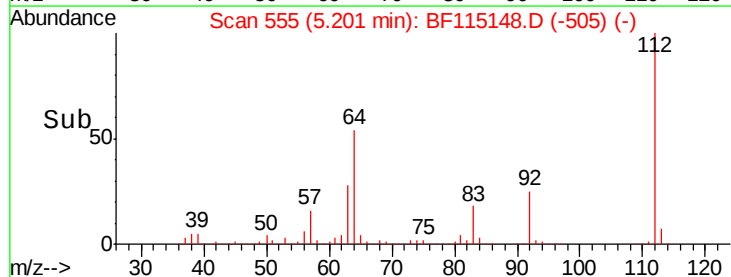
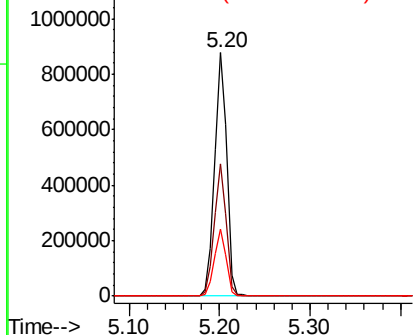
#5

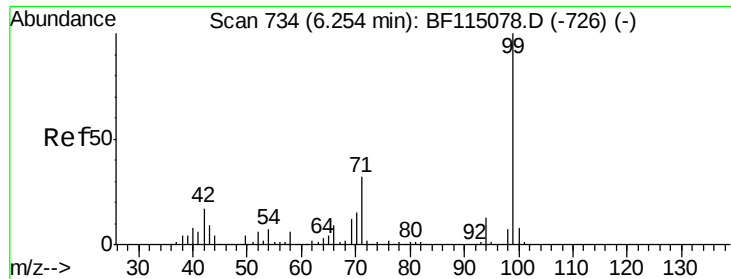
2-Fluorophenol
Concen: 46.925 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Tgt Ion:112 Resp: 822188
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.6
63 27.6 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: 50.353 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampleId :

30272

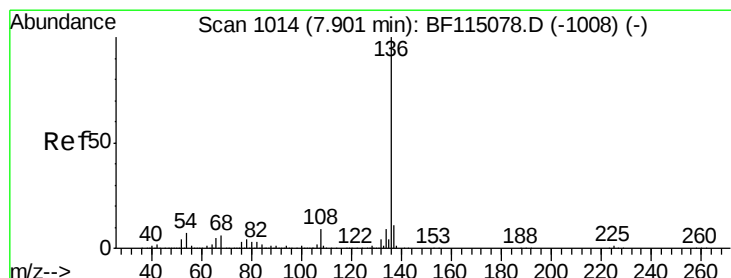
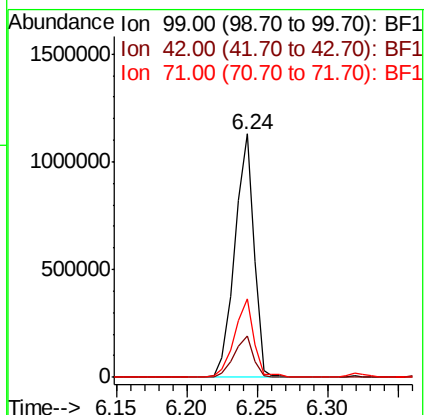
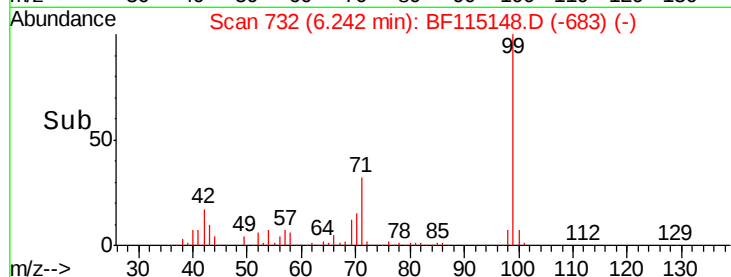
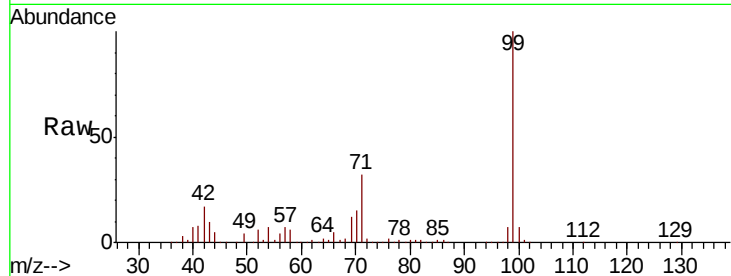
Tot Ion: 99 Resp: 1070838

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 32.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Tgt Ion: 136 Resp: 1026521

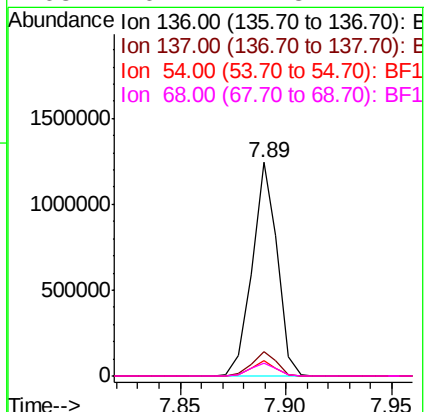
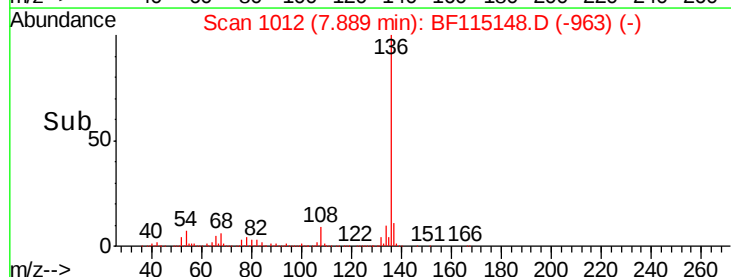
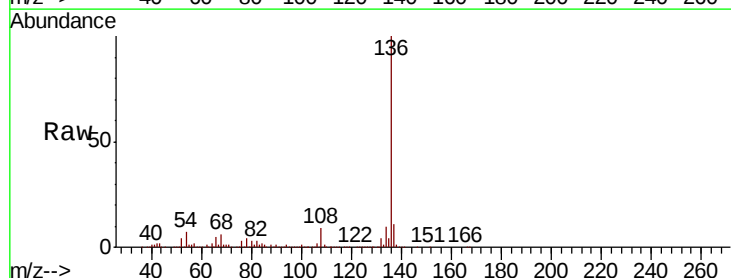
Ion Ratio Lower Upper

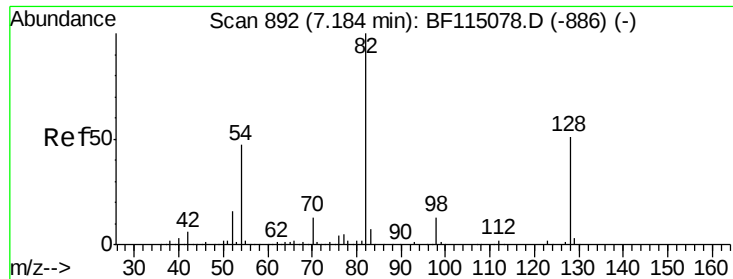
136 100

137 11.3 8.9 13.3

54 7.3 5.6 8.4

68 6.2 4.8 7.2

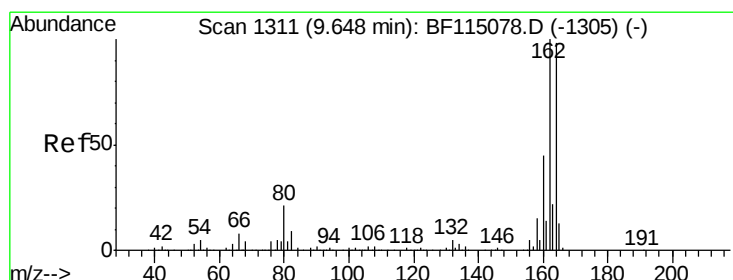
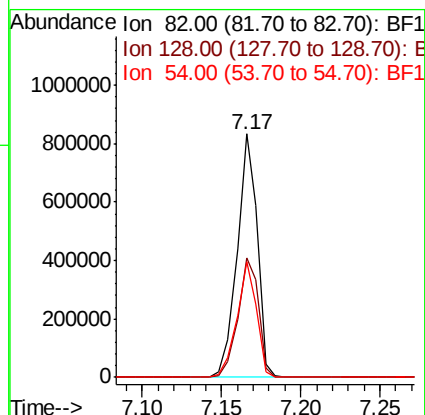
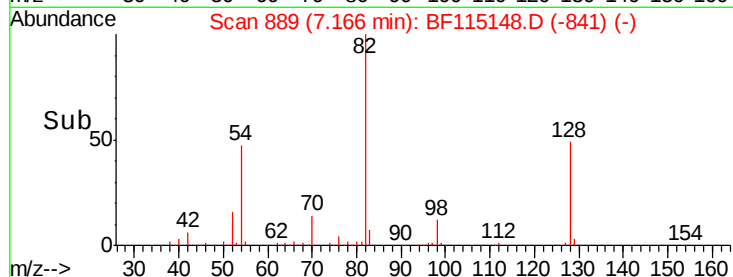
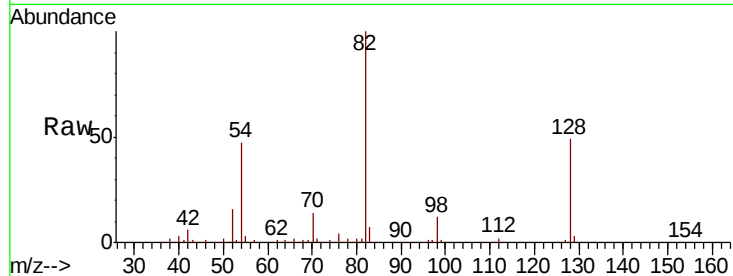




#23
Nitrobenzene-d5
Concen: 43.788 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

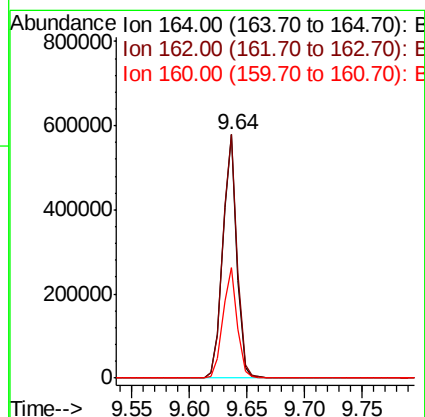
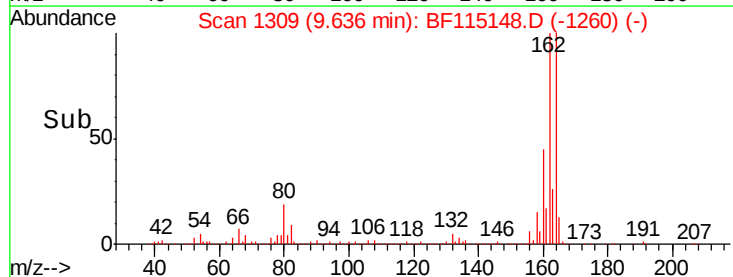
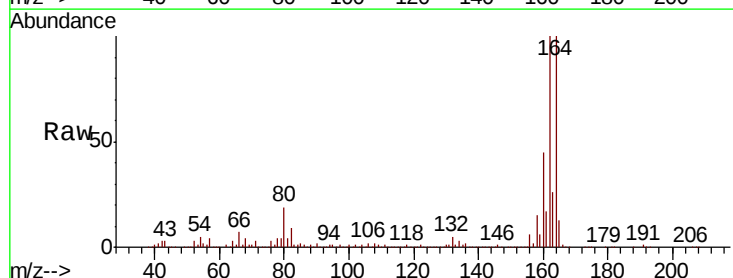
Instrument :
BNA_F
ClientSampled :
30272

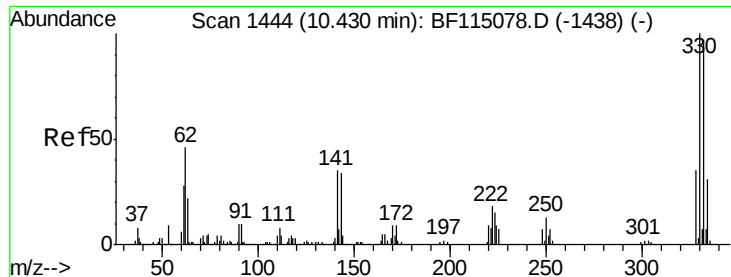
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.4	60.6
54	47.3	37.5	56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.7	122.5
160	45.2	37.0	55.4

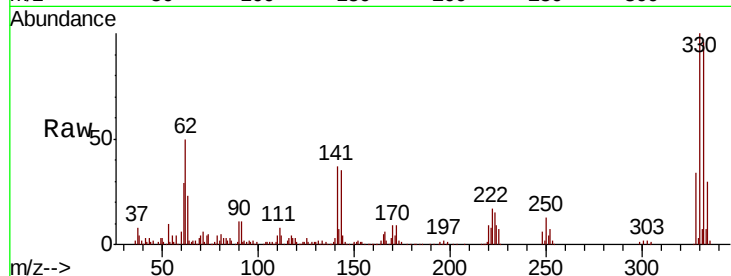




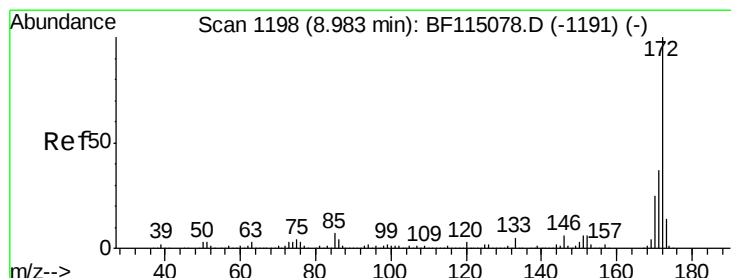
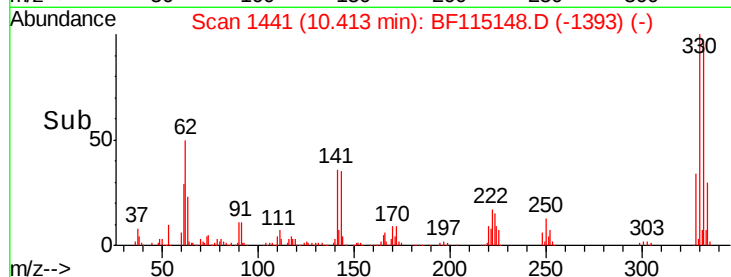
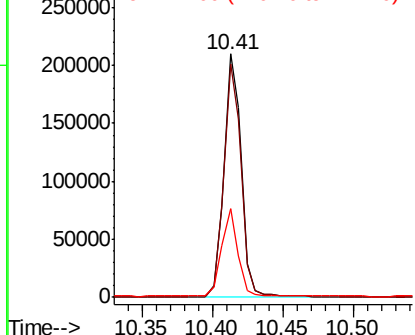
#42
 2,4,6-Tribromophenol
 Concen: 34.862 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Instrument :
 BNA_F
 ClientSampled :
 30272

Tot Ion:330 Resp: 179507
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 34.2 28.2 42.2

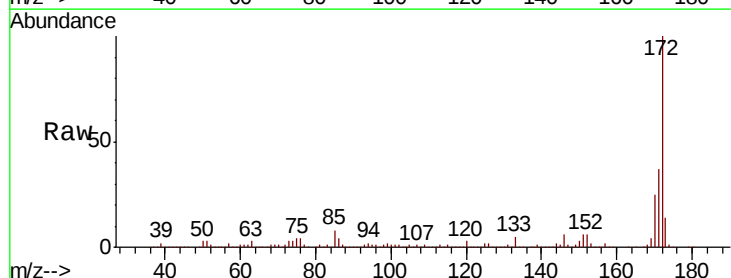


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

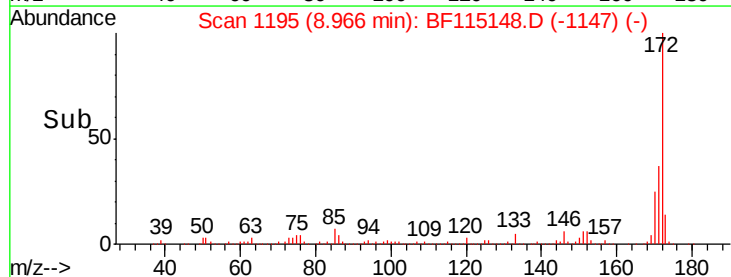
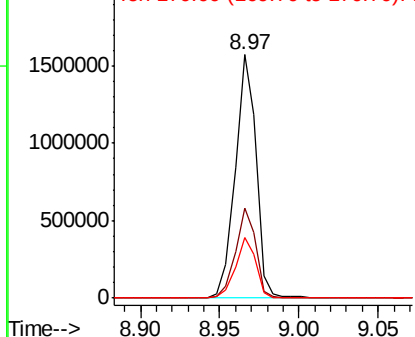


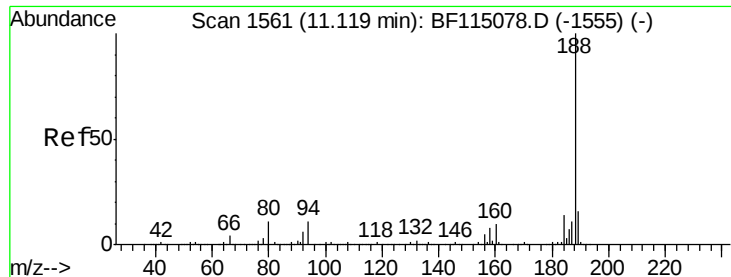
#45
 2-Fluorobiphenyl
 Concen: 50.028 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115148.D
 Acq: 24 Jun 2019 14:36

Tgt Ion:172 Resp: 1438074
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.7 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

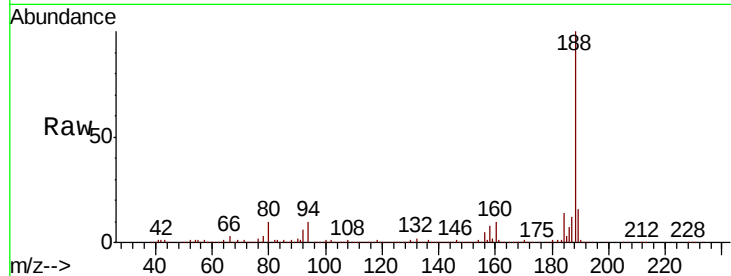




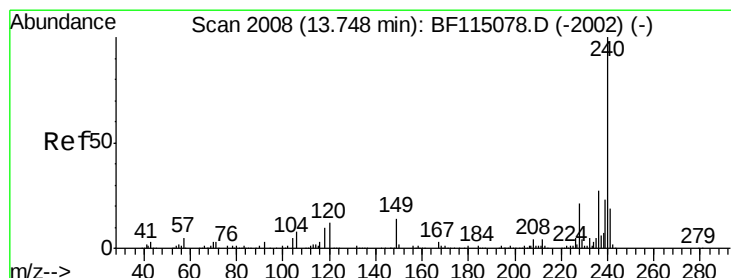
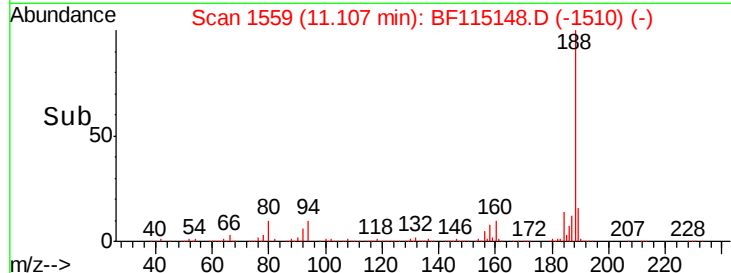
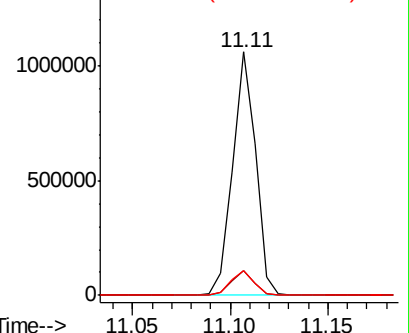
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Instrument :
BNA_F
ClientSampleId :
30272

Tot Ion:188 Resp: 870251
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.3 8.8 13.2

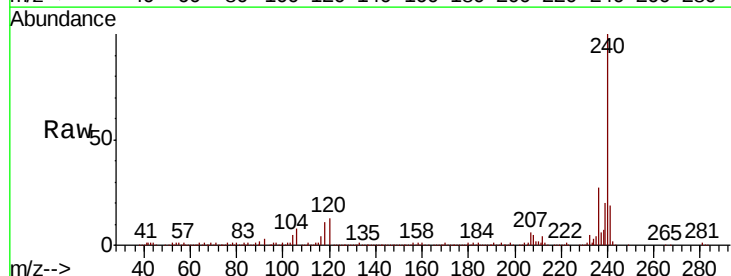


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

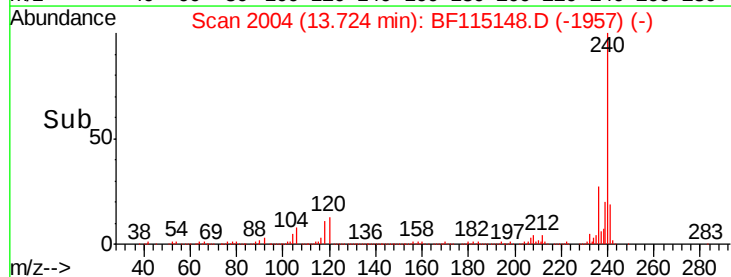
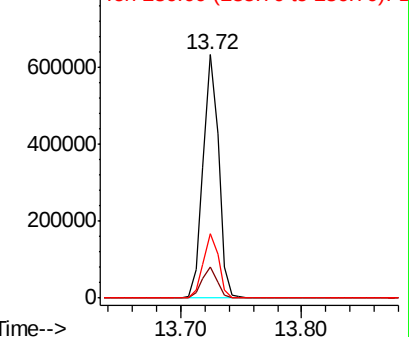


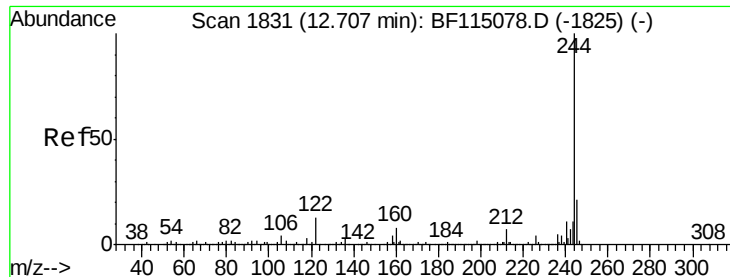
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115148.D
Acq: 24 Jun 2019 14:36

Tgt Ion:240 Resp: 558608
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 26.6 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: 40.107 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

Instrument :

BNA_F

ClientSampleId :

30272

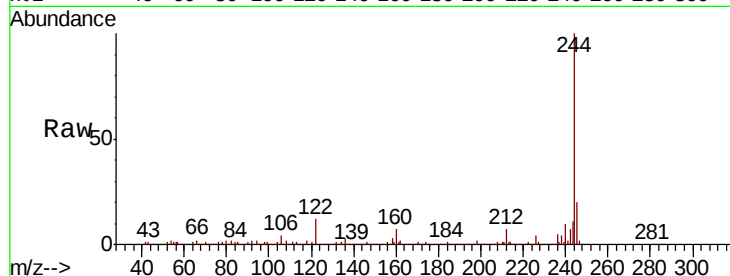
Tot Ion:244 Resp: 1053734

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

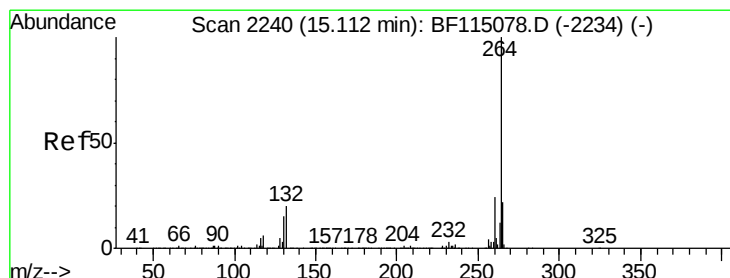
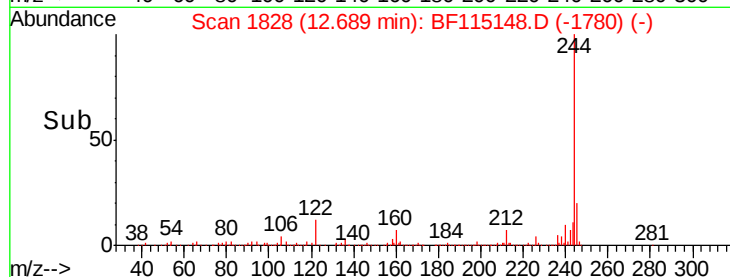
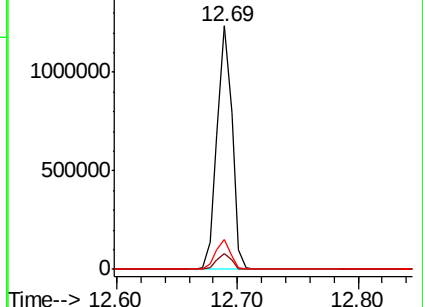
122 12.3 10.4 15.6



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: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115148.D

Acq: 24 Jun 2019 14:36

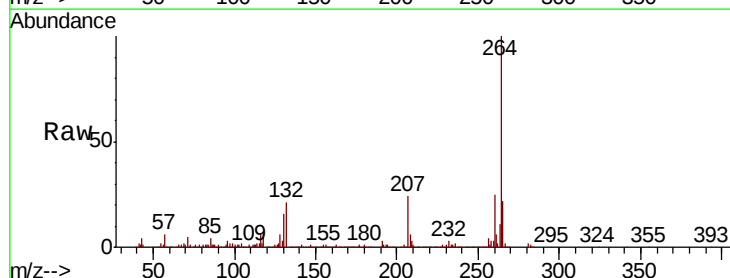
Tgt Ion:264 Resp: 644605

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.5 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

