

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115187.D
 Acq On : 25 Jun 2019 15:07
 Operator : HP/JU
 Sample : PB120785BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BL

Quant Time: Jun 26 06:52:34 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	283905	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1084865	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	551659	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1100807	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	857053	20.00	ng	-0.02
87) Perylene-d12	15.09	264	836325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1776213	96.55	ng	0.01
7) Phenol-d6	6.25	99	2186510	97.92	ng	0.00
23) Nitrobenzene-d5	7.17	82	1340746	76.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	623109	107.11	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2573680	79.25	ng	-0.01
79) Terphenyl-d14	12.70	244	2896202	71.85	ng	-0.01

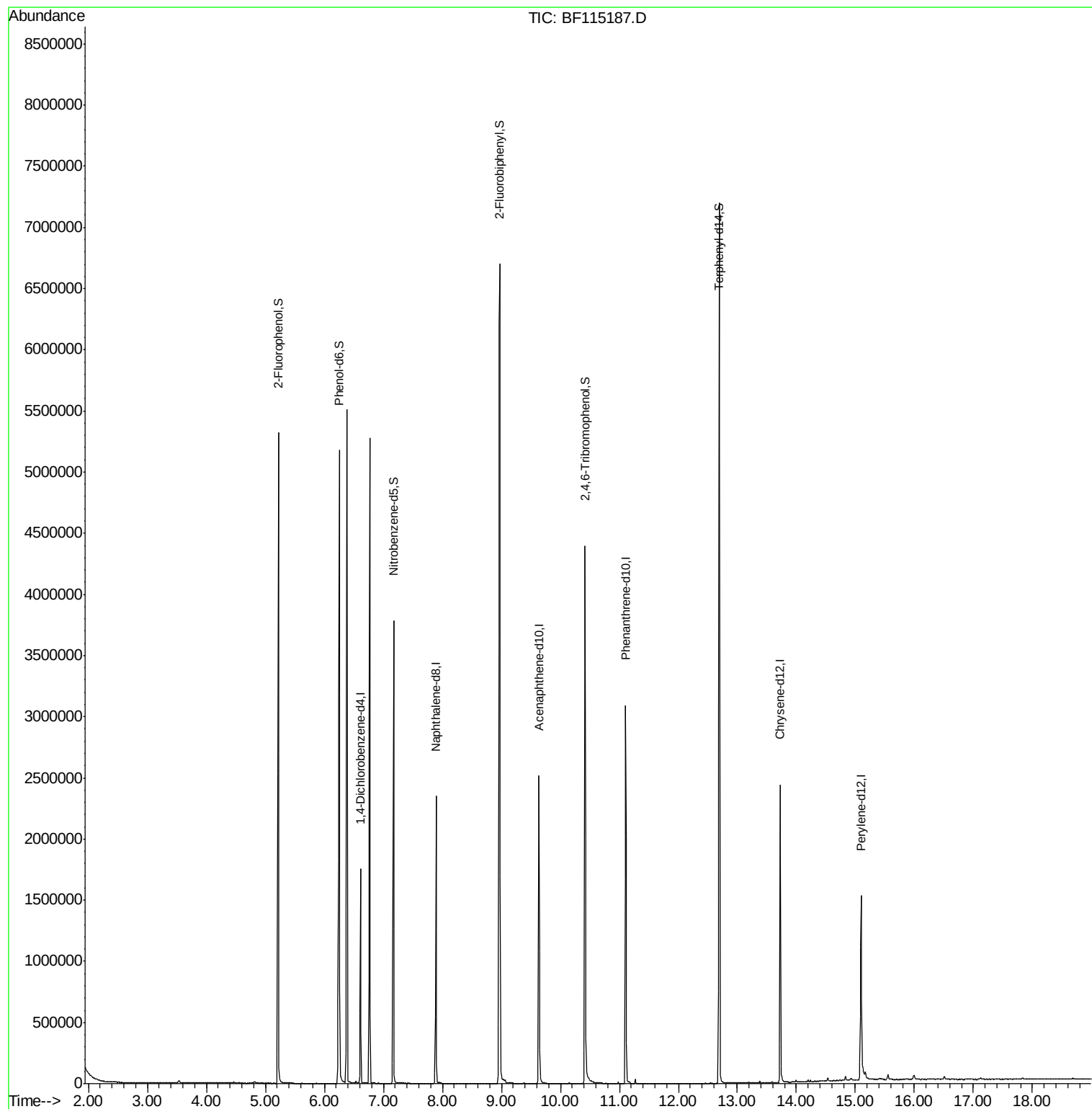
Target Compounds Qvalue

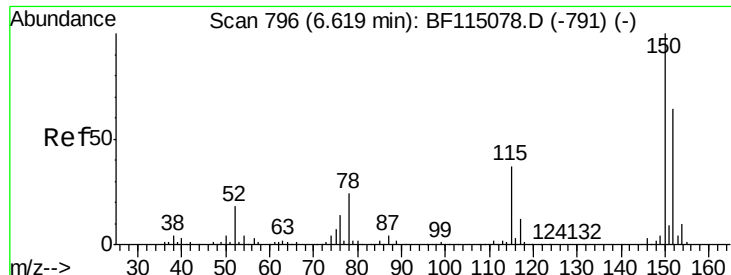
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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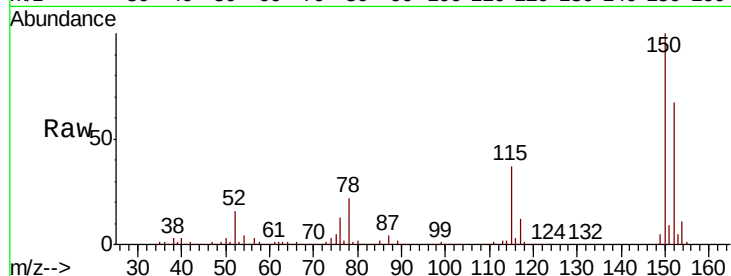


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115187.D
 Acq: 25 Jun 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120785BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.2	186.2
115	55.1	46.1	69.1

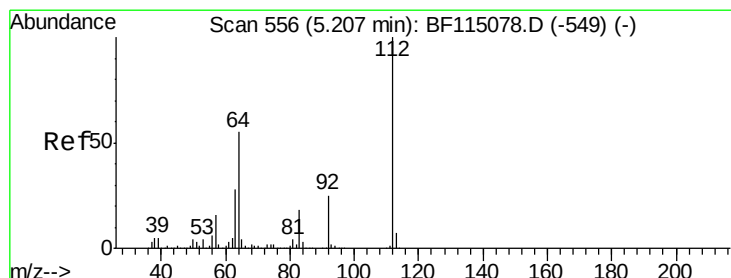
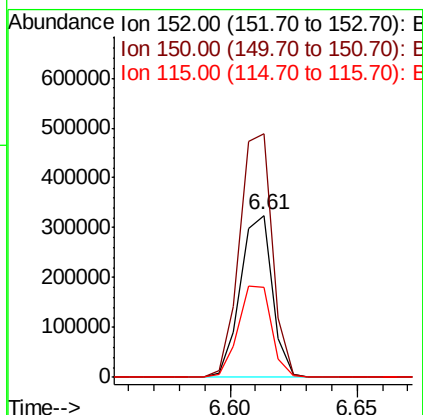
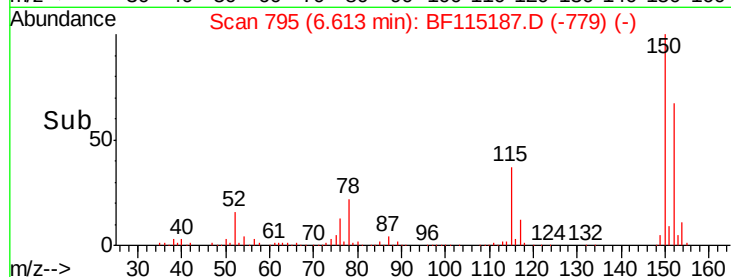


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

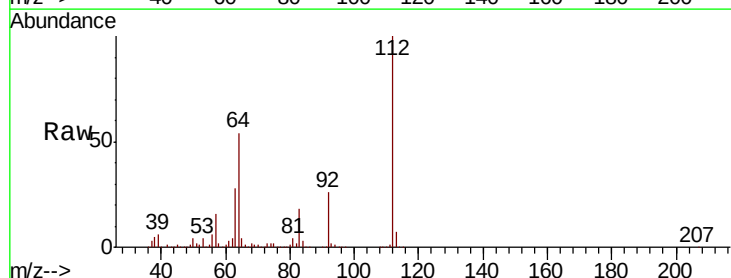
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 96.546 ng
 RT: 5.22 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF115187.D
 Acq: 25 Jun 2019 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.8	65.6
63	28.0	22.2	33.4

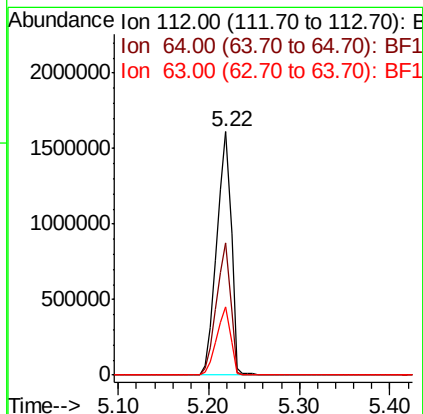
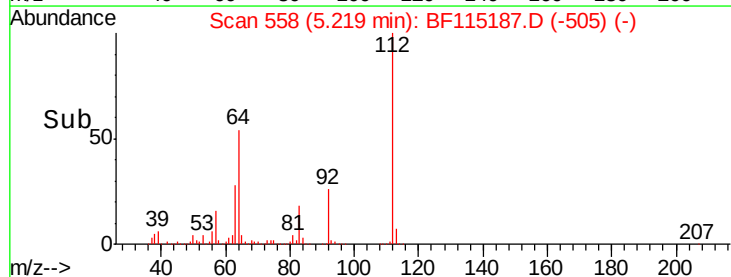


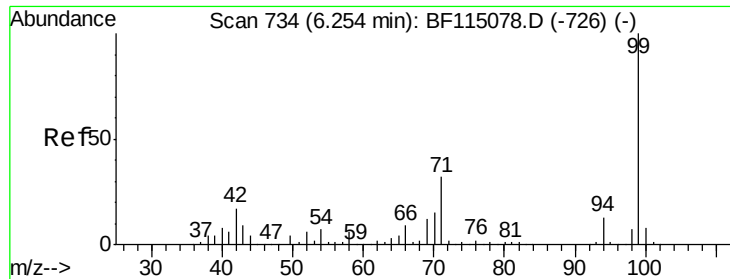
Abundance

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: 97.918 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115187.D

Acq: 25 Jun 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB120785BL

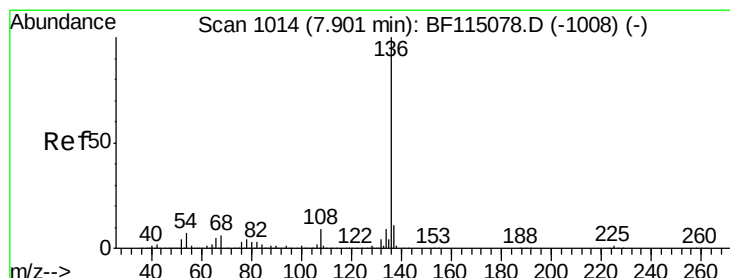
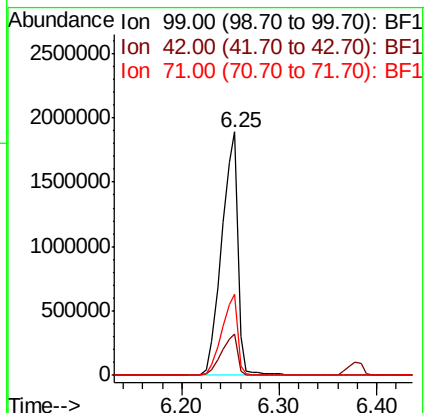
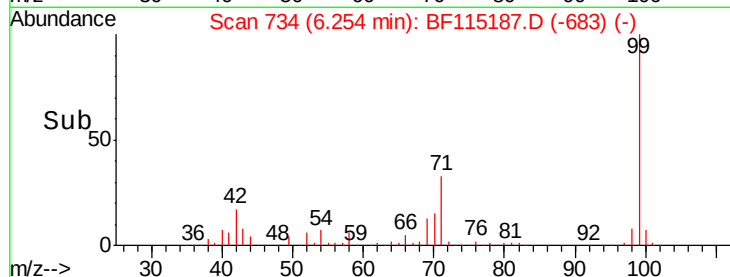
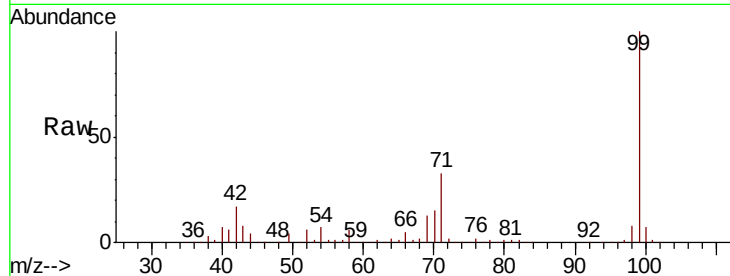
Tot Ion: 99 Resp: 2186510

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 33.3 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: BF115187.D

Acq: 25 Jun 2019 15:07

Tgt Ion: 136 Resp: 1084865

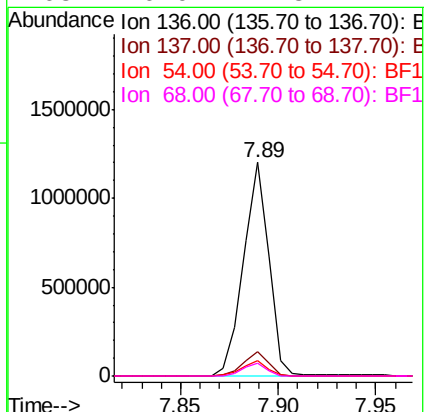
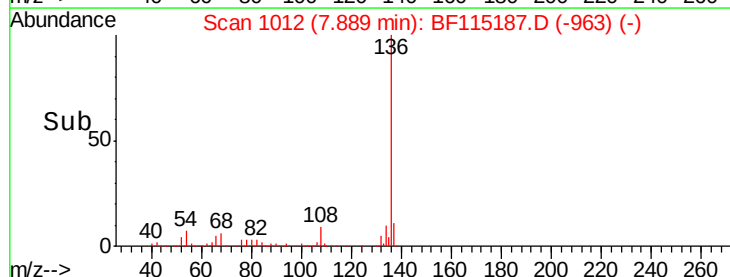
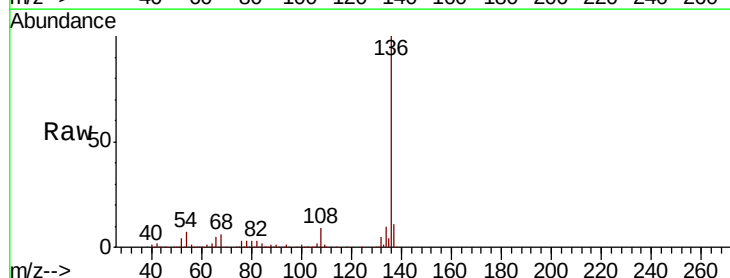
Ion Ratio Lower Upper

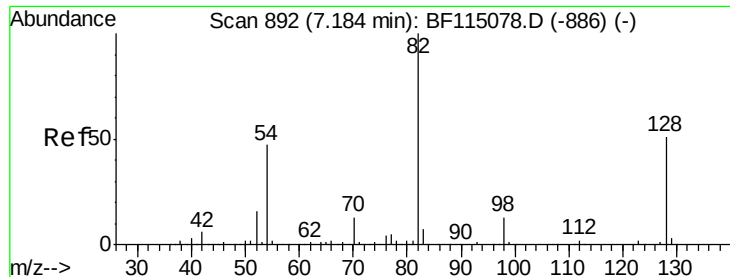
136 100

137 11.1 8.9 13.3

54 6.9 5.6 8.4

68 6.0 4.8 7.2

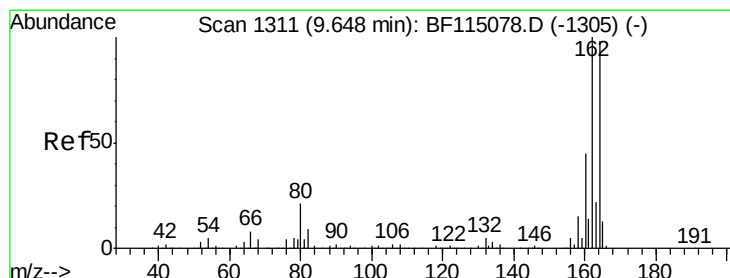
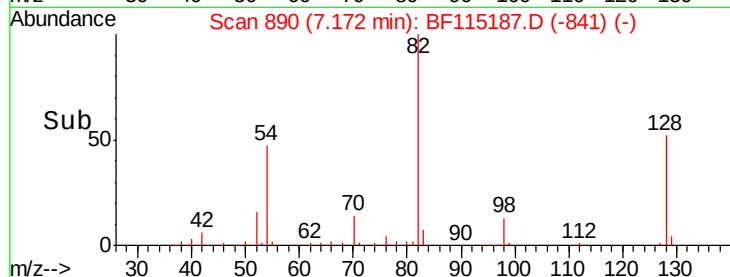
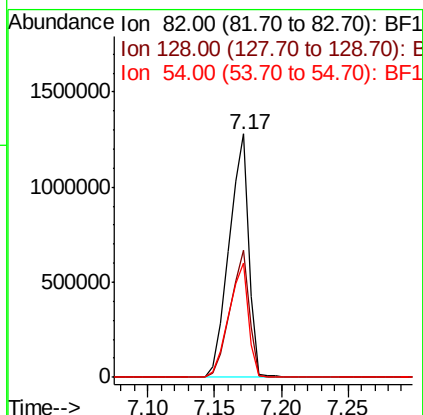
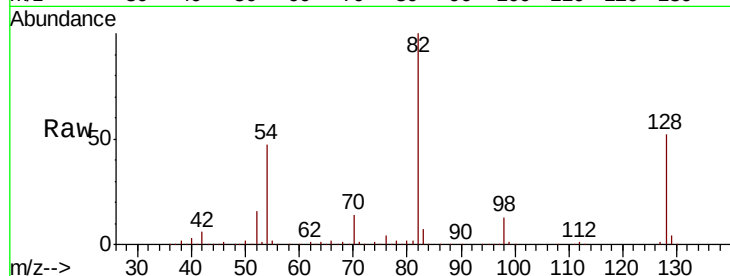




#23
Nitrobenzene-d5
Concen: 76.025 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115187.D
Acq: 25 Jun 2019 15:07

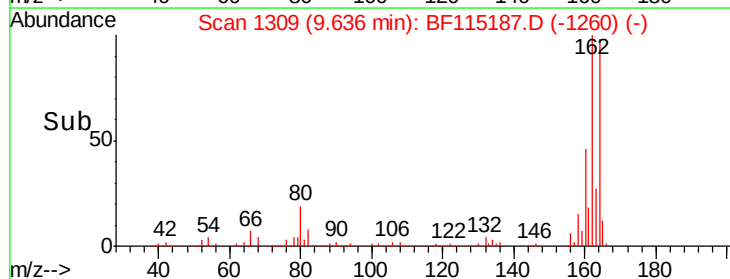
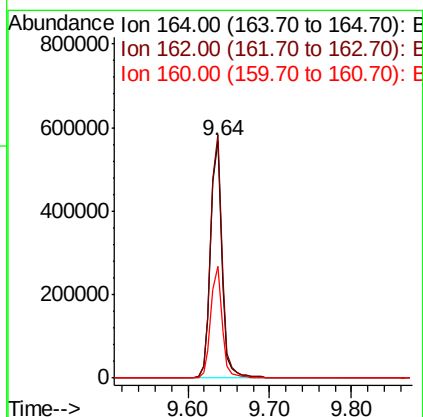
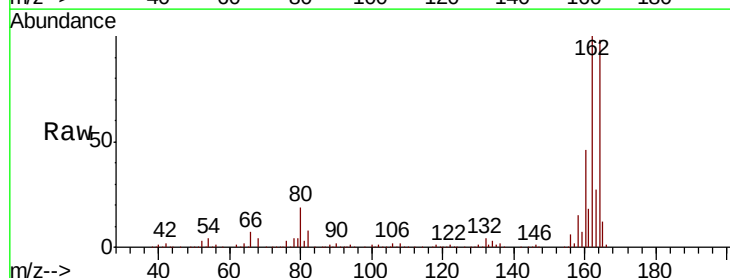
Instrument :
BNA_F
ClientSampleId :
PB120785BL

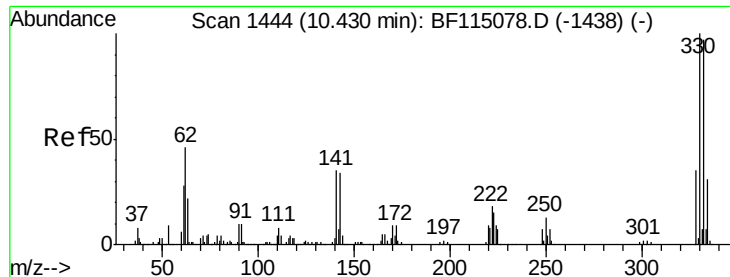
Tot Ion: 82 Resp: 1340746
Ion Ratio Lower Upper
82 100
128 52.3 40.4 60.6
54 47.2 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115187.D
Acq: 25 Jun 2019 15:07

Tgt Ion:164 Resp: 551659
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 107.110 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115187.D

Acq: 25 Jun 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB120785BL

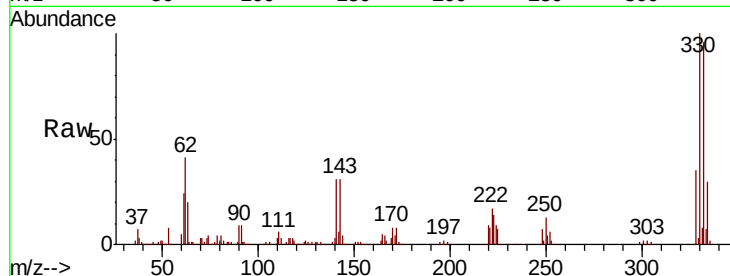
Tot Ion:330 Resp: 623109

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

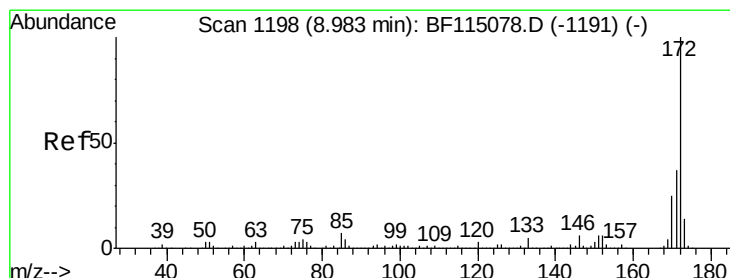
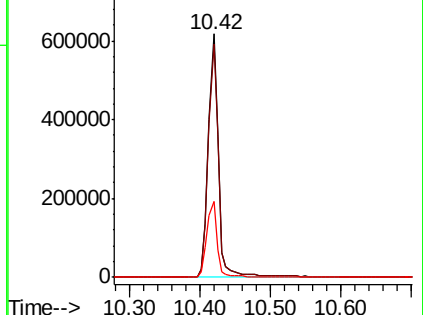
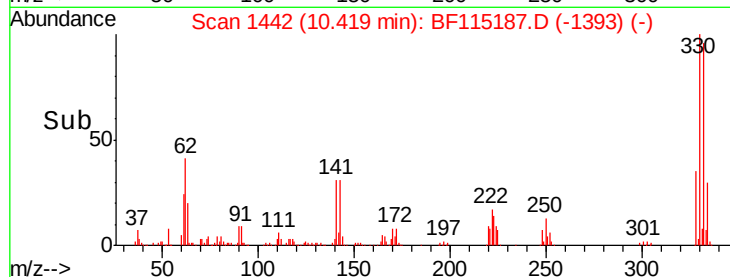
141 32.6 28.2 42.2



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: 79.247 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115187.D

Acq: 25 Jun 2019 15:07

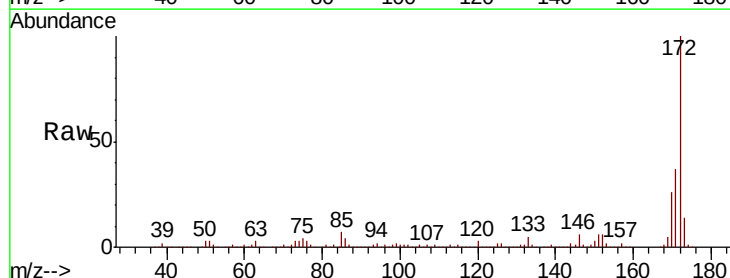
Tgt Ion:172 Resp: 2573680

Ion Ratio Lower Upper

172 100

171 37.4 29.8 44.6

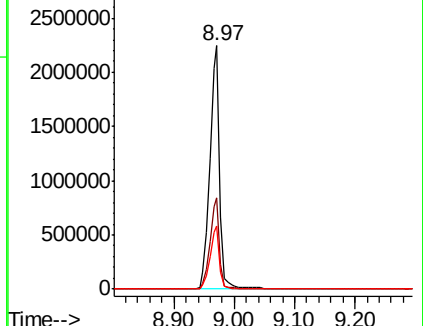
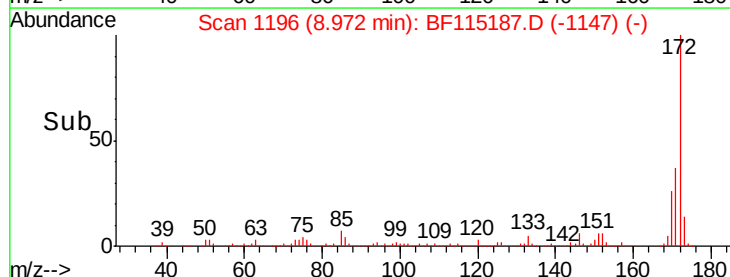
170 26.0 20.3 30.5

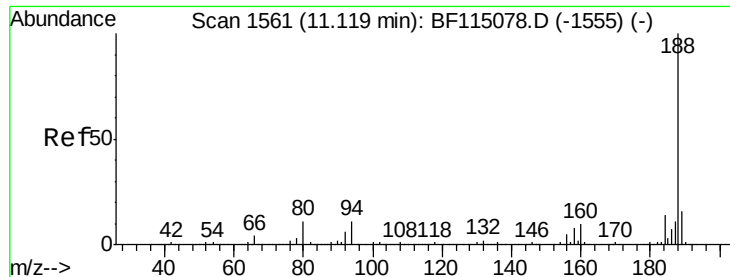


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

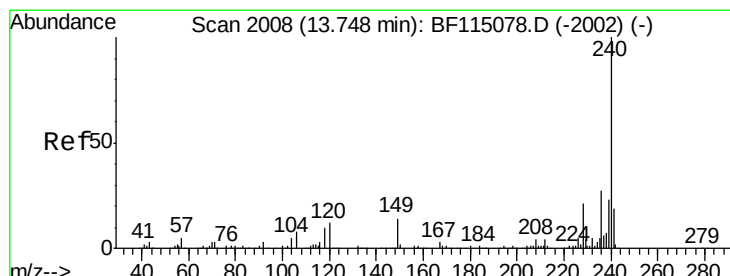
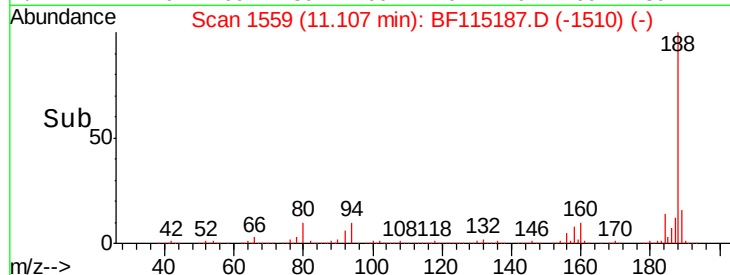
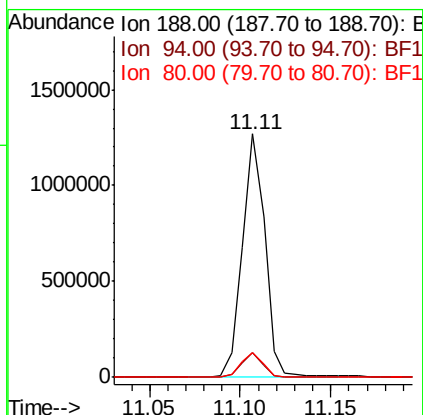
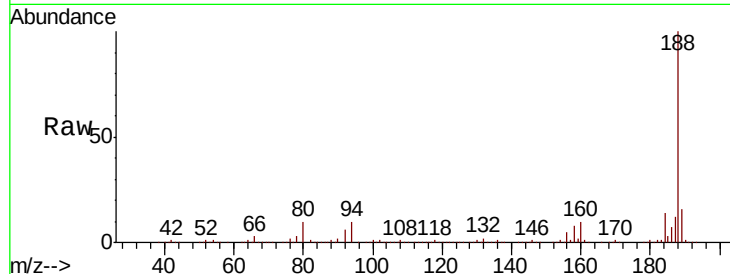




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115187.D
Acq: 25 Jun 2019 15:07

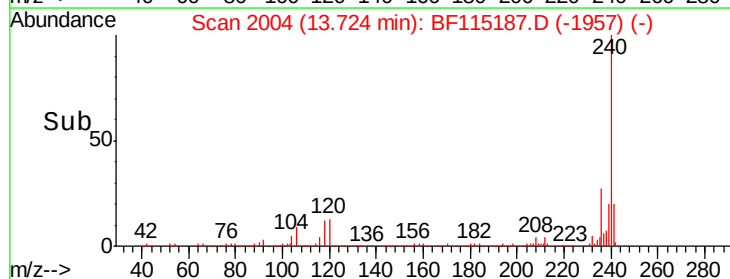
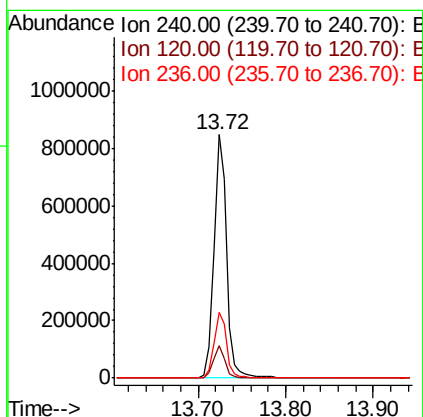
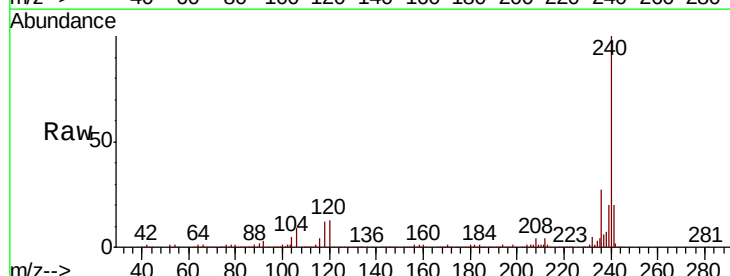
Instrument :
BNA_F
ClientSampleId :
PB120785BL

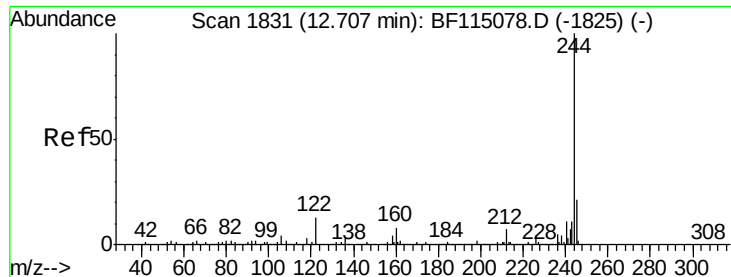
Tot Ion:188 Resp: 1100807
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115187.D
Acq: 25 Jun 2019 15:07

Tgt Ion:240 Resp: 857053
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 27.0 21.7 32.5





#79

Terphenyl-d14

Concen: 71.848 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115187.D

Acq: 25 Jun 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB120785BL

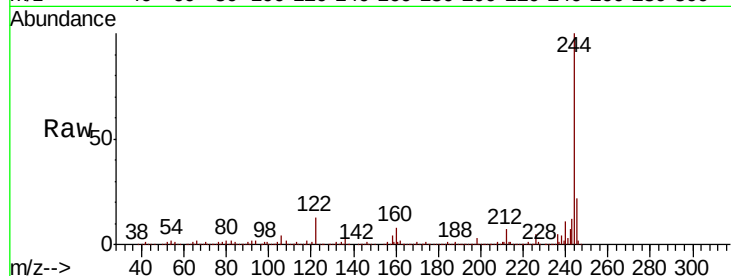
Tot Ion:244 Resp: 2896202

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

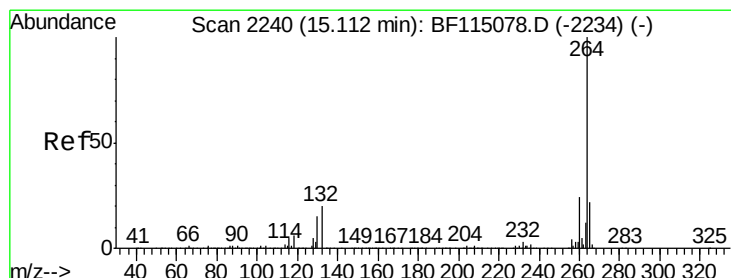
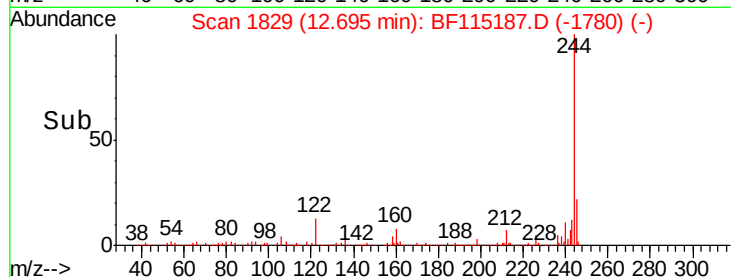
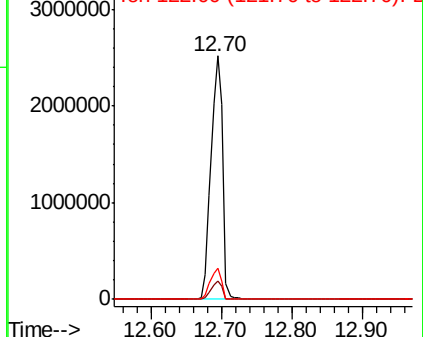
122 12.7 10.4 15.6



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# 2237

Delta R.T. -0.02 min

Lab File: BF115187.D

Acq: 25 Jun 2019 15:07

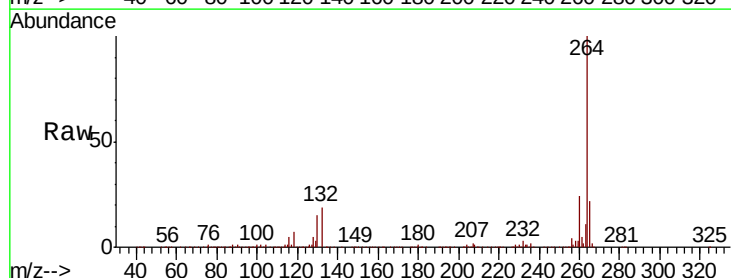
Tgt Ion:264 Resp: 836325

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.8 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

