

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115088.D
 Acq On : 21 Jun 2019 20:05
 Operator : HP/JU
 Sample : PB120722TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120722TB

Quant Time: Jun 22 05:08:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	244187	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	924408	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	458903	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	935323	20.00	ng	0.00
76) Chrysene-d12	13.74	240	761195	20.00	ng	-0.01
87) Perylene-d12	15.11	264	804125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1651963	104.40	ng	0.00
7) Phenol-d6	6.25	99	1985430	103.37	ng	0.00
23) Nitrobenzene-d5	7.17	82	1197409	79.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	578080	119.46	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2218518	82.12	ng	0.00
79) Terphenyl-d14	12.71	244	2626180	73.35	ng	0.00

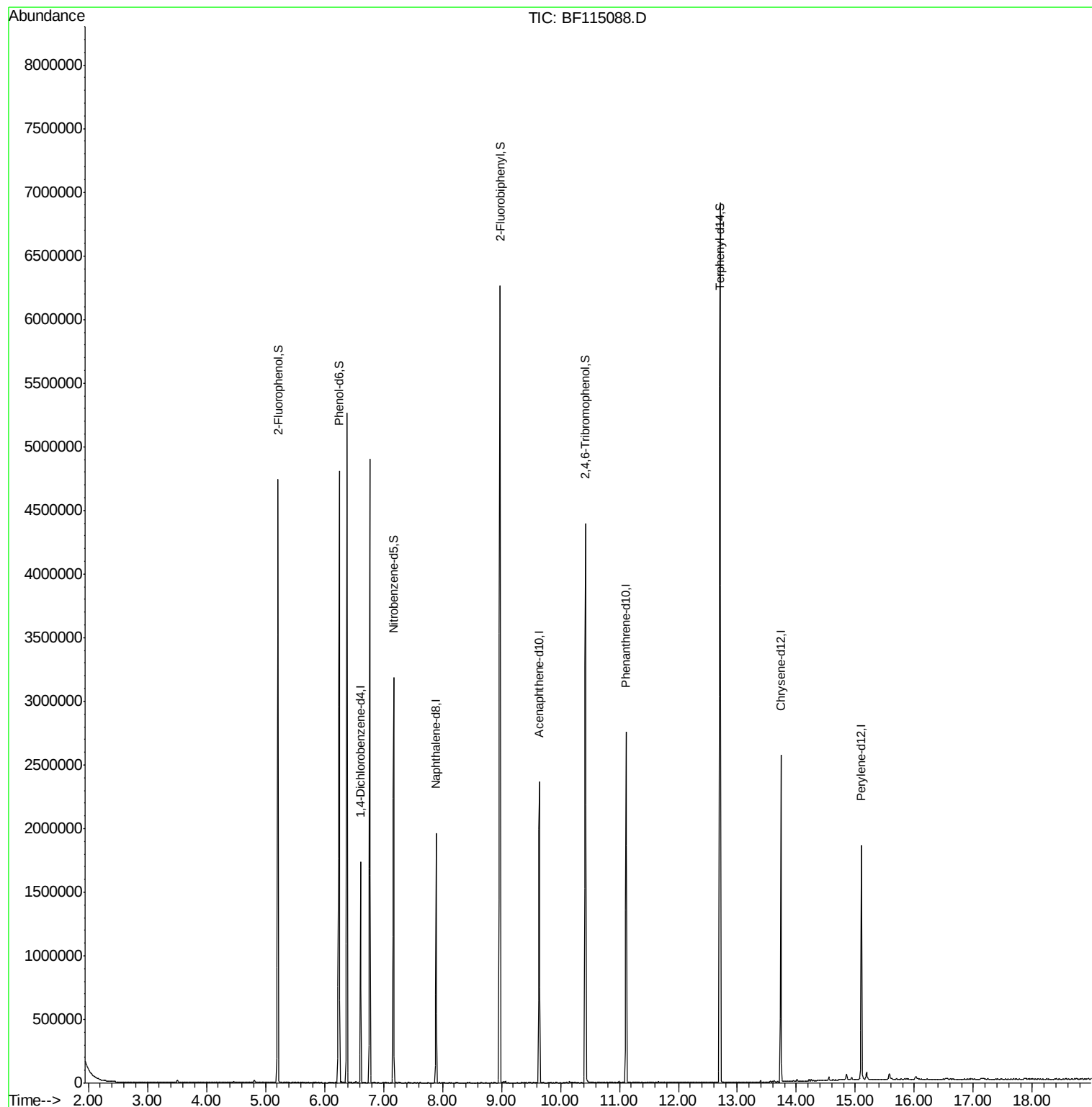
Target Compounds Qvalue

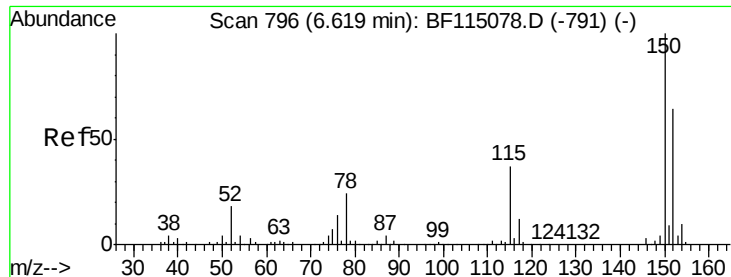
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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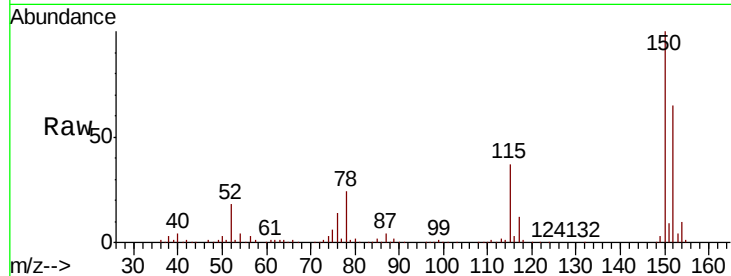


#1

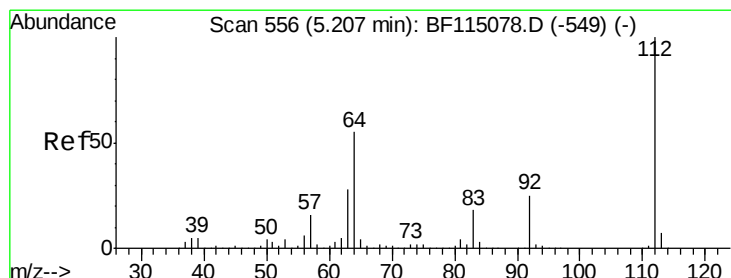
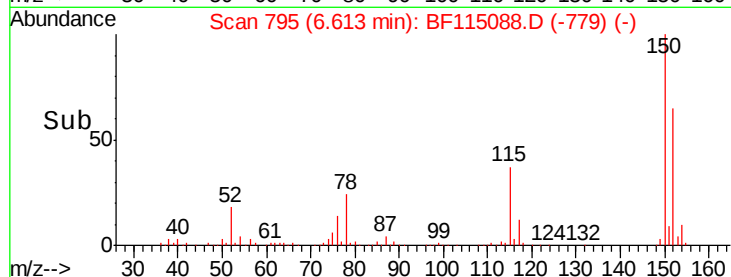
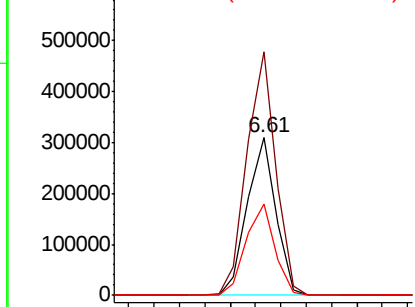
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115088.D
Acq: 21 Jun 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB120722TB

Tot Ion:152 Resp: 244187
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 57.7 46.1 69.1



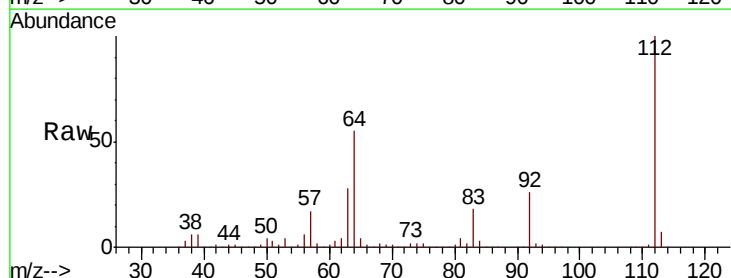
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



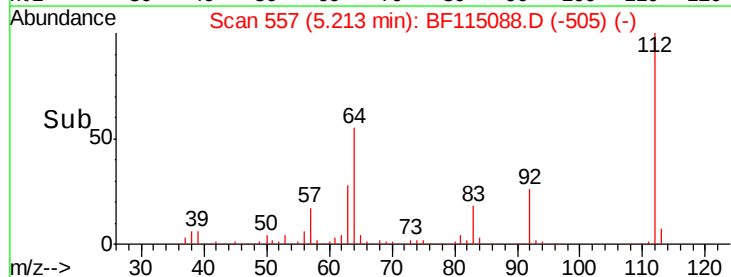
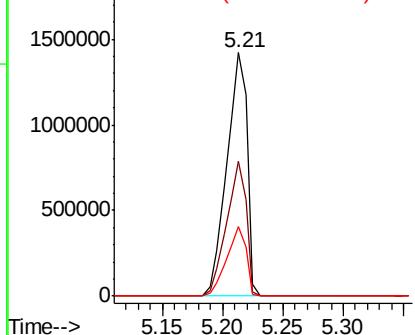
#5

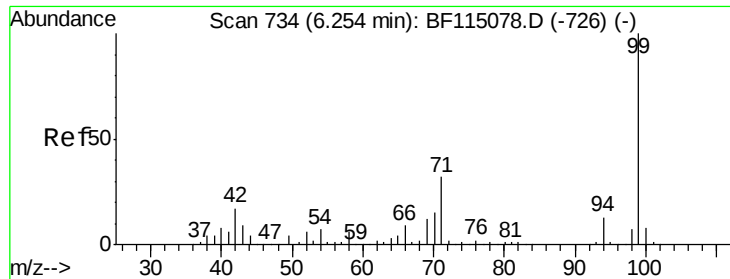
2-Fluorophenol
Concen: 104.398 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115088.D
Acq: 21 Jun 2019 20:05

Tgt Ion:112 Resp: 1651963
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.6
63 28.4 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: 103.375 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115088.D

Acq: 21 Jun 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB120722TB

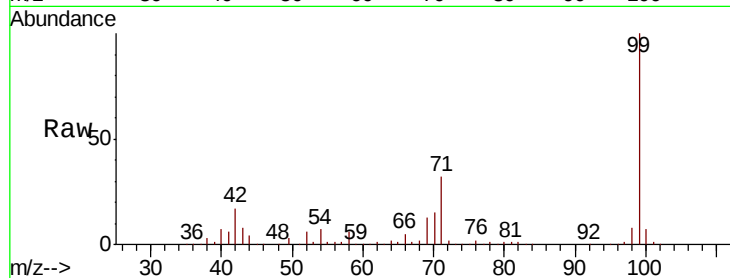
Tot Ion: 99 Resp: 1985430

Ion Ratio Lower Upper

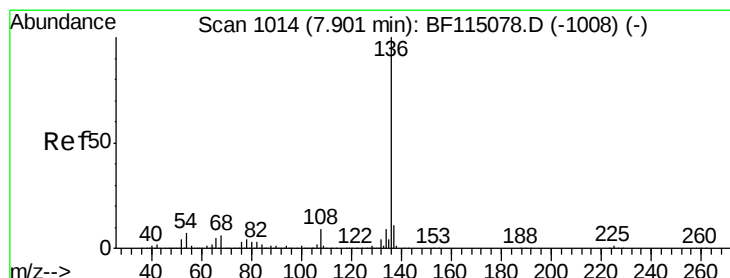
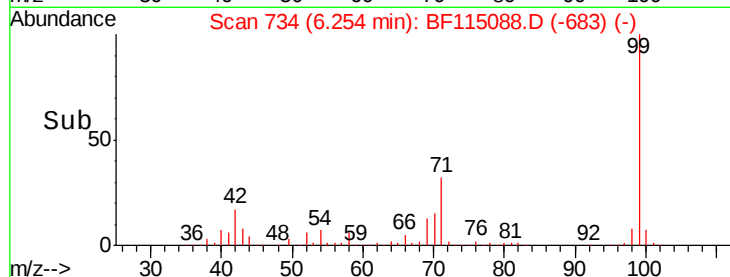
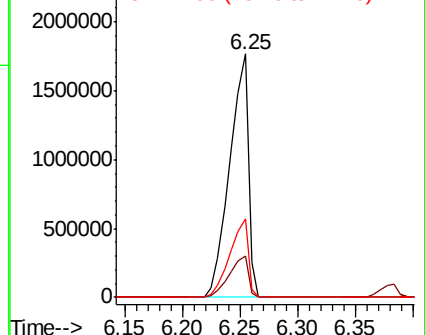
99 100

42 17.0 13.6 20.4

71 32.4 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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115088.D

Acq: 21 Jun 2019 20:05

Tgt Ion: 136 Resp: 924408

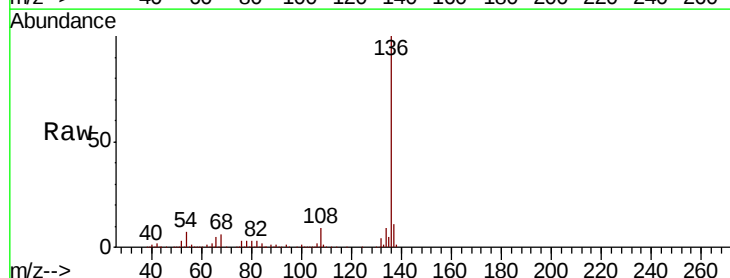
Ion Ratio Lower Upper

136 100

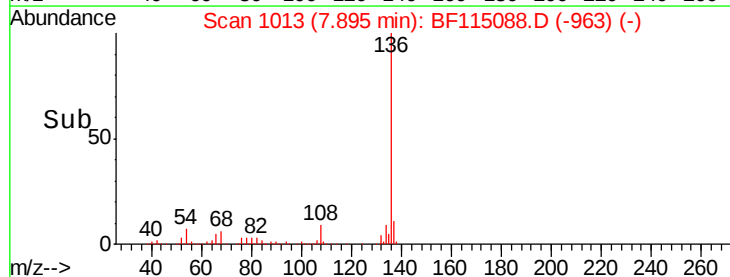
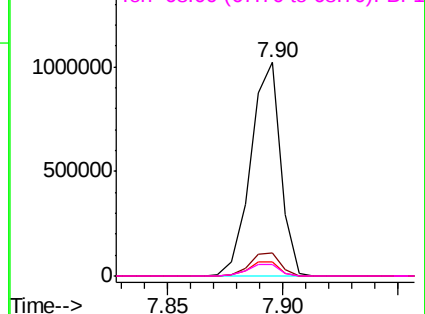
137 11.0 8.9 13.3

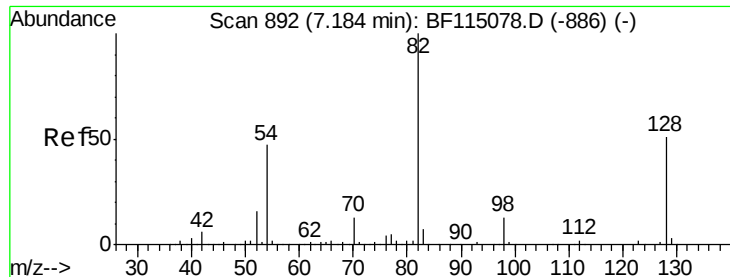
54 6.5 5.6 8.4

68 5.7 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

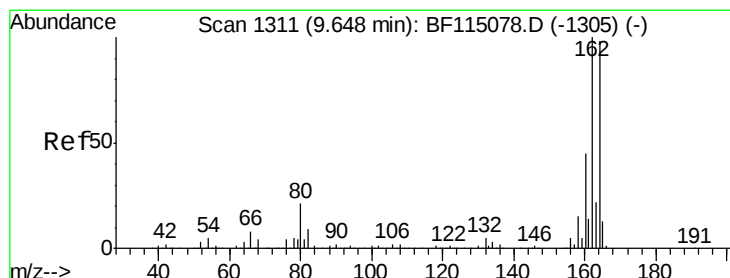
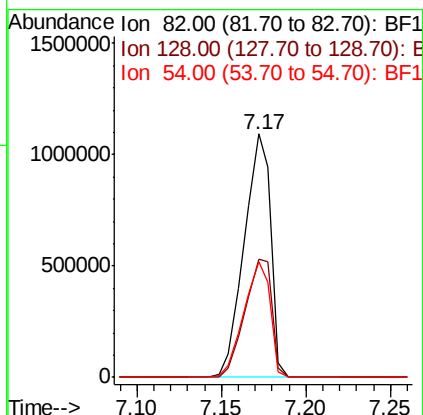
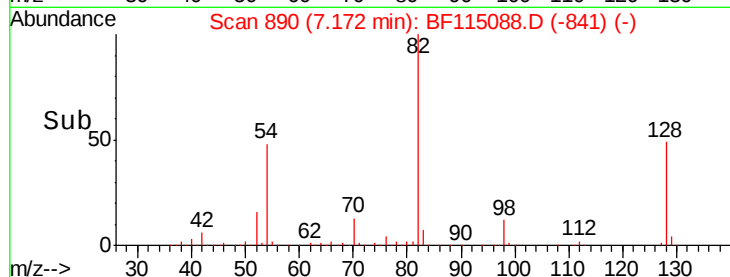
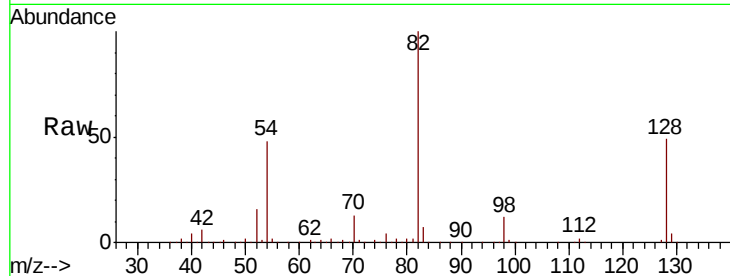




#23
 Nitrobenzene-d5
 Concen: 79.682 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115088.D
 Acq: 21 Jun 2019 20:05

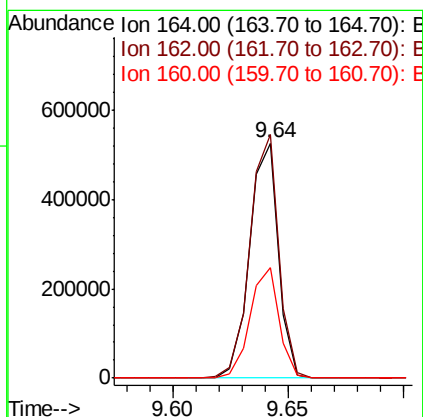
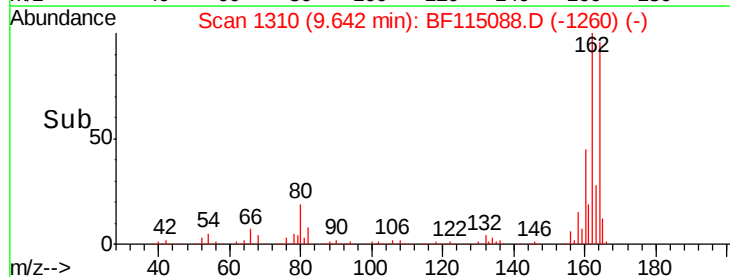
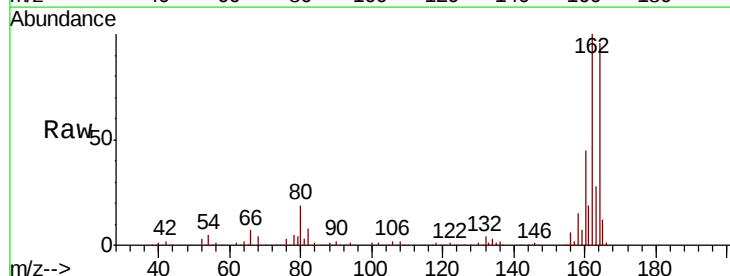
Instrument :
 BNA_F
 ClientSampleID :
 PB120722TB

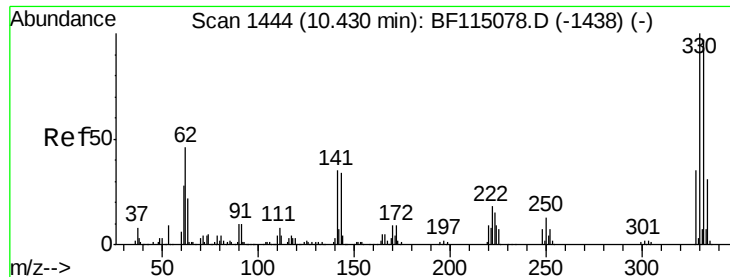
Tot Ion: 82 Resp: 1197409
 Ion Ratio Lower Upper
 82 100
 128 48.7 40.4 60.6
 54 47.7 37.5 56.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115088.D
 Acq: 21 Jun 2019 20:05

Tgt Ion:164 Resp: 458903
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.7 122.5
 160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 119.455 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115088.D

Acq: 21 Jun 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB120722TB

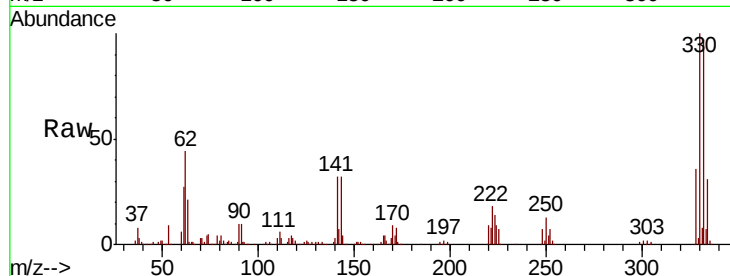
Tot Ion:330 Resp: 578080

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

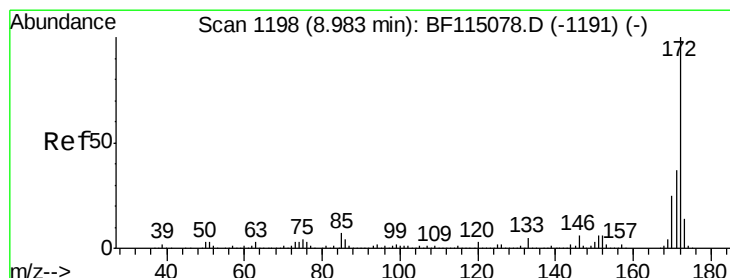
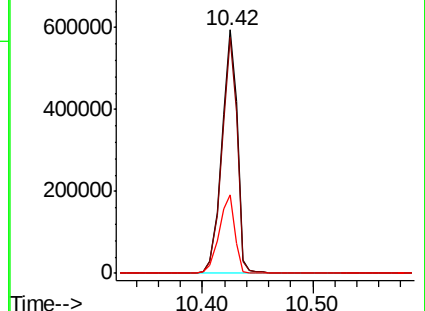
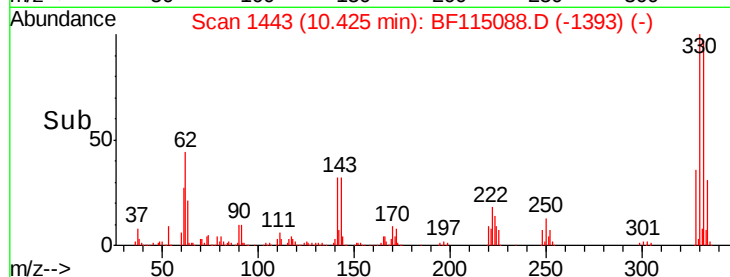
141 32.6 28.2 42.2



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: 82.118 ng

RT: 8.98 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF115088.D

Acq: 21 Jun 2019 20:05

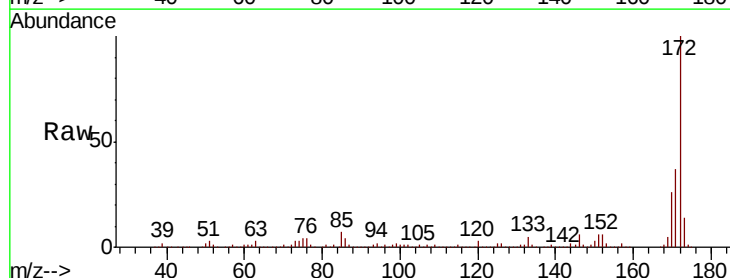
Tgt Ion:172 Resp: 2218518

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

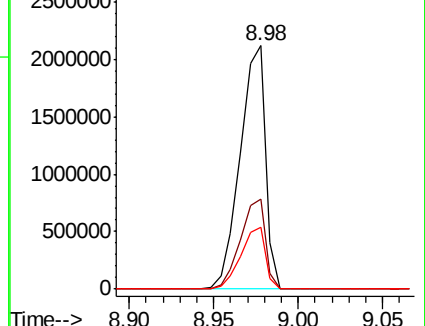
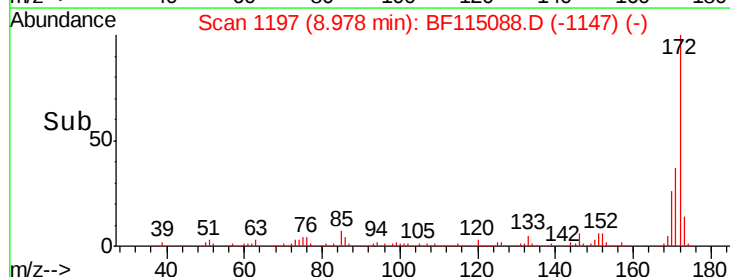
170 25.6 20.3 30.5

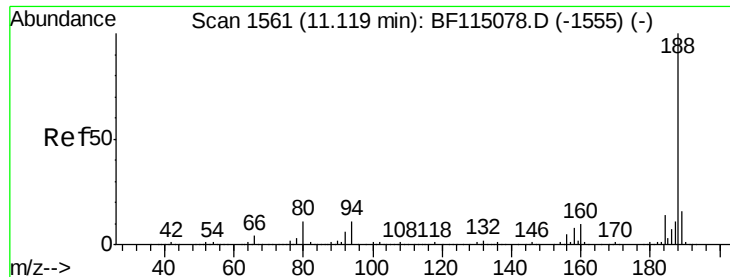


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

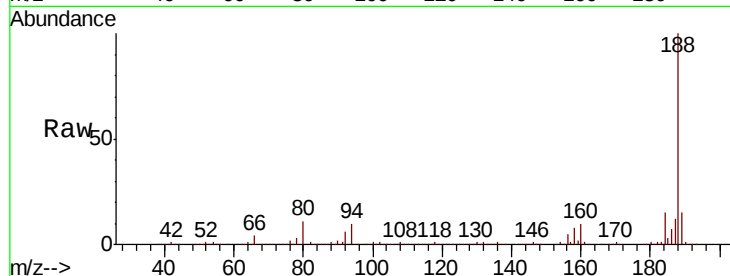




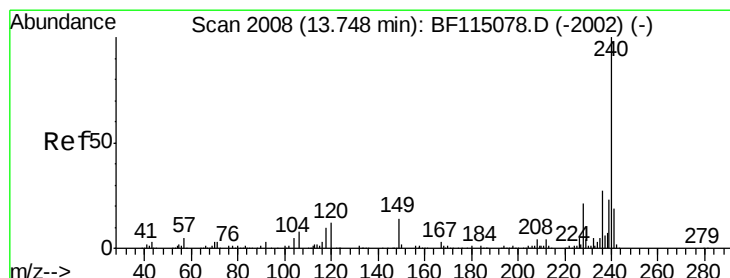
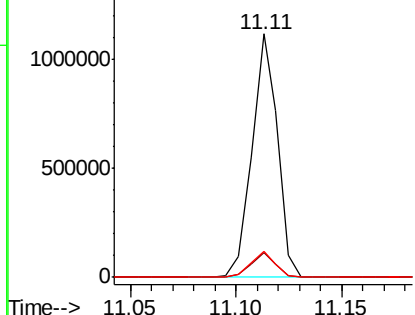
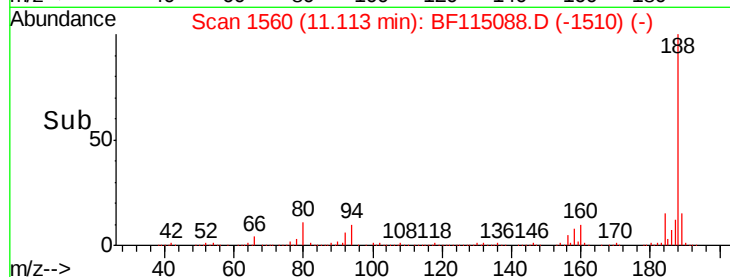
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115088.D
Acq: 21 Jun 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB120722TB

Tot Ion:188 Resp: 935323
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.9 8.8 13.2

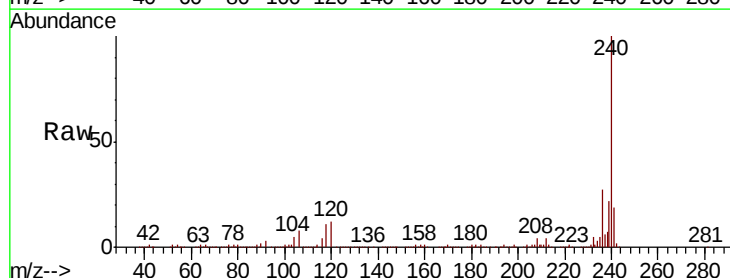


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

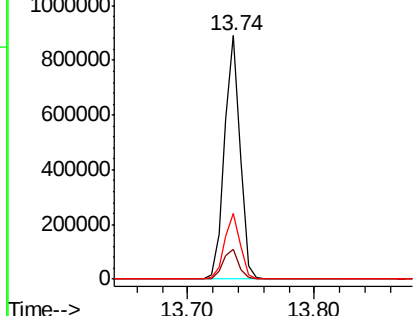
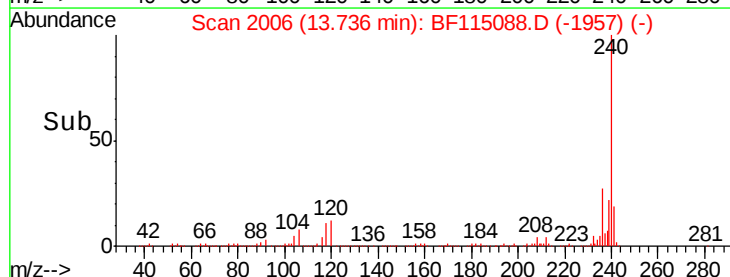


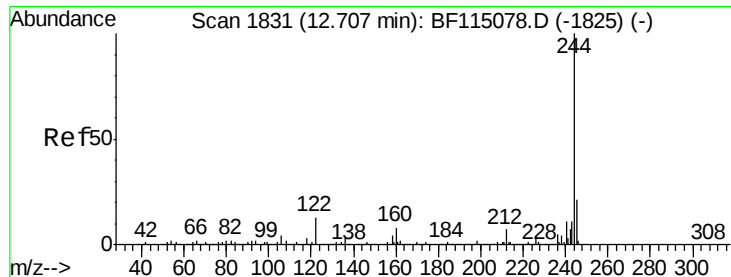
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115088.D
Acq: 21 Jun 2019 20:05

Tgt Ion:240 Resp: 761195
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
1200000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

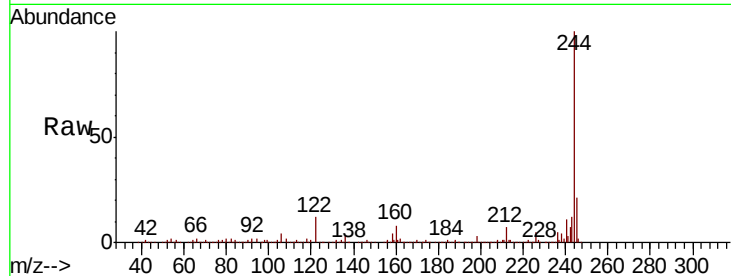




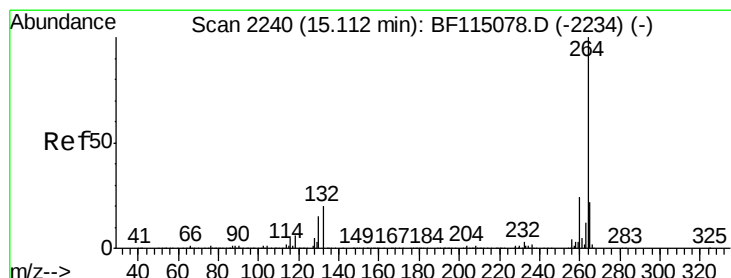
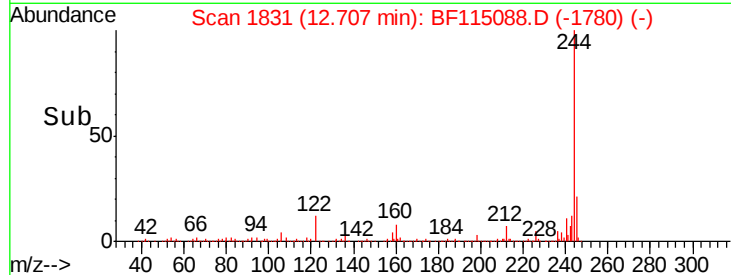
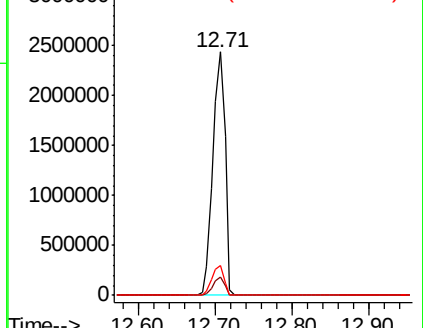
#79
 Terphenyl-d14
 Concen: 73.354 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115088.D
 Acq: 21 Jun 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120722TB

Tot Ion:244 Resp: 2626180
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.4 10.4 15.6

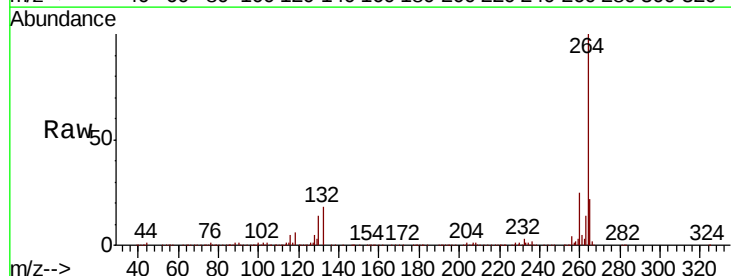


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF115088.D
 Acq: 21 Jun 2019 20:05

Tgt Ion:264 Resp: 804125
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.9 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

