

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115230.D
 Acq On : 27 Jun 2019 12:27
 Operator : HP/JU
 Sample : PB120942BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Quant Time: Jun 28 05:15:47 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 28 05:09:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	256601	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	958575	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	476182	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	927710	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	745099	20.00	ng	-0.04
87) Perylene-d12	15.08	264	813286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1220756	73.41	ng	-0.01
7) Phenol-d6	6.23	99	1477350	73.20	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1289260	82.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.40	330	435955	86.82	ng	-0.03
45) 2-Fluorobiphenyl	8.95	172	2404696	85.78	ng	-0.03
79) Terphenyl-d14	12.68	244	2520510	71.92	ng	-0.03

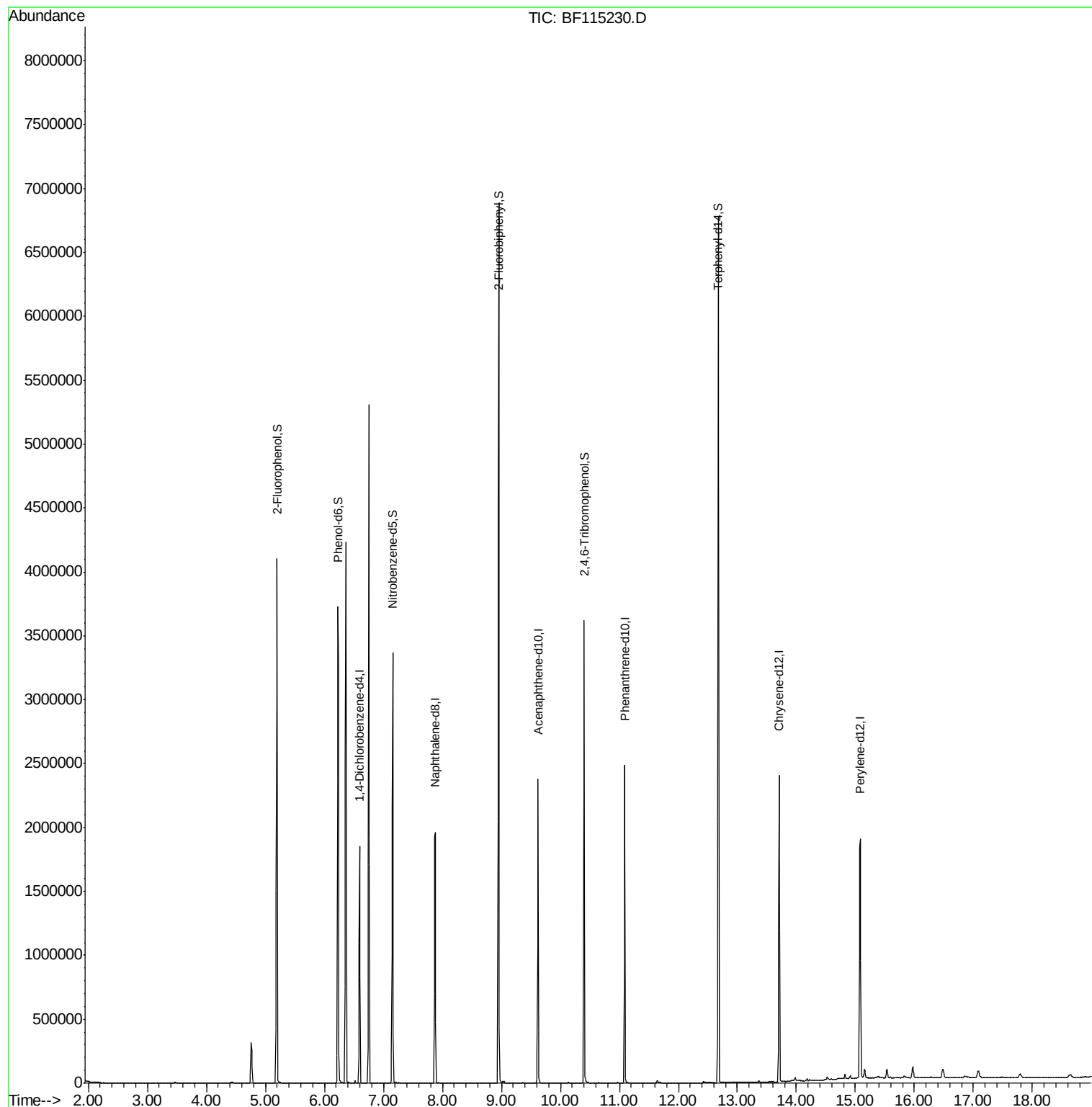
Target Compounds Qvalue

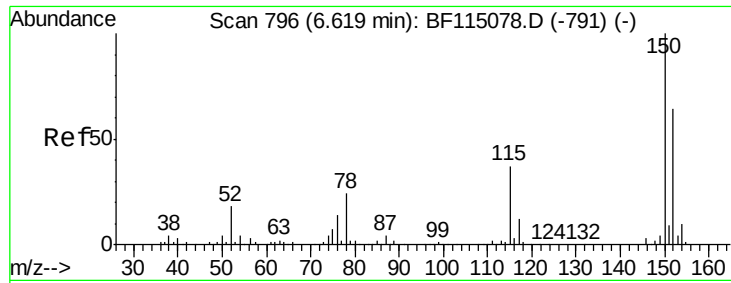
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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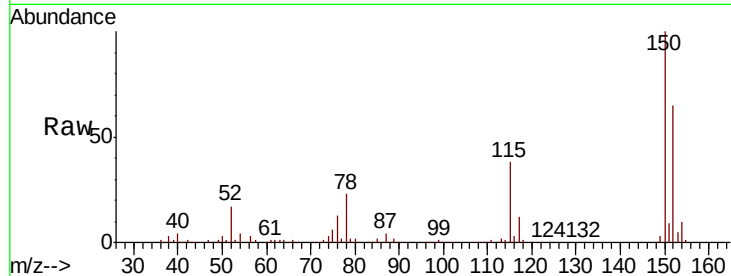


#1

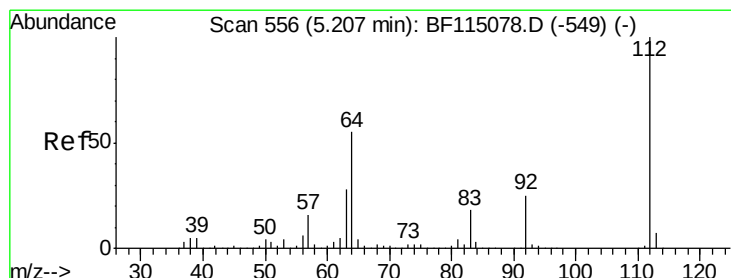
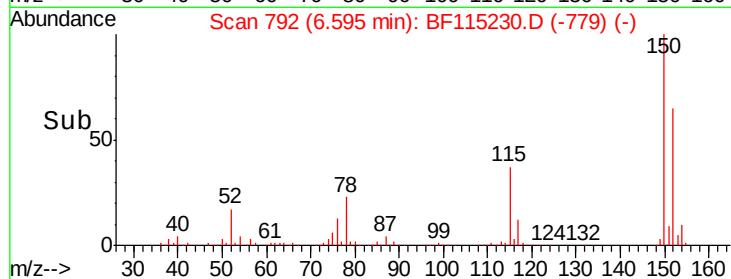
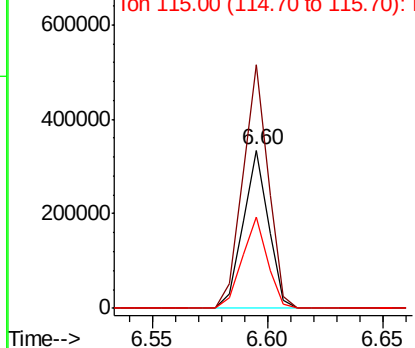
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tot Ion:152 Resp: 256601
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 57.7 46.1 69.1



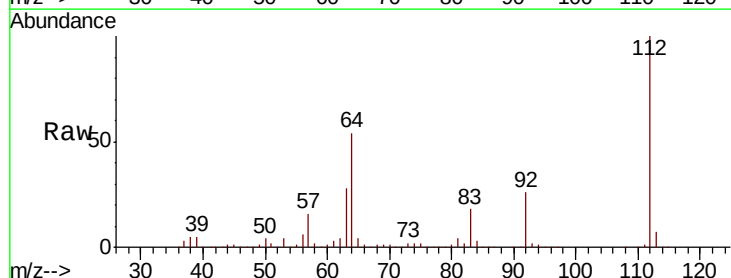
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



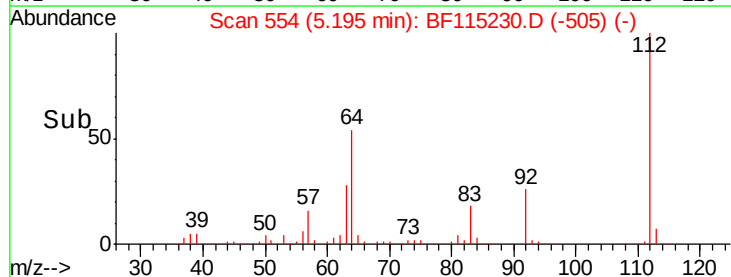
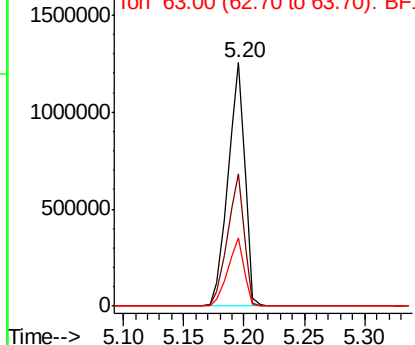
#5

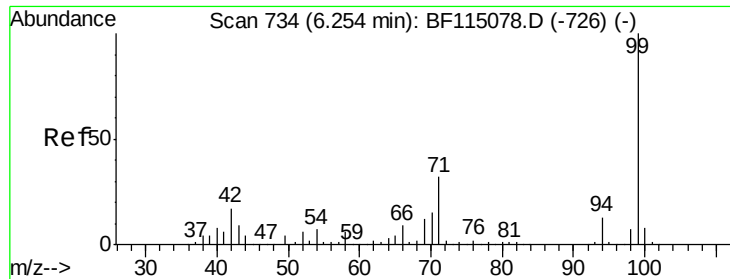
2-Fluorophenol
Concen: 73.415 ng
RT: 5.20 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:112 Resp: 1220756
Ion Ratio Lower Upper
112 100
64 54.3 43.8 65.6
63 27.8 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: 73.199 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

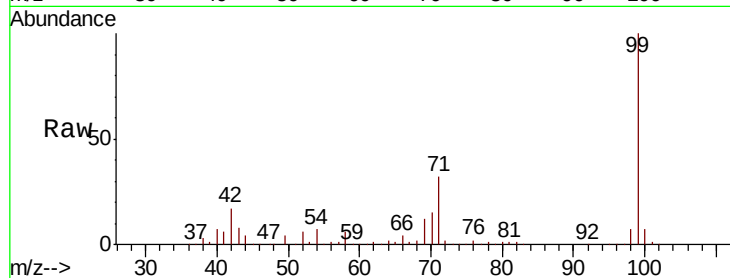
Tot Ion: 99 Resp: 1477350

Ion Ratio Lower Upper

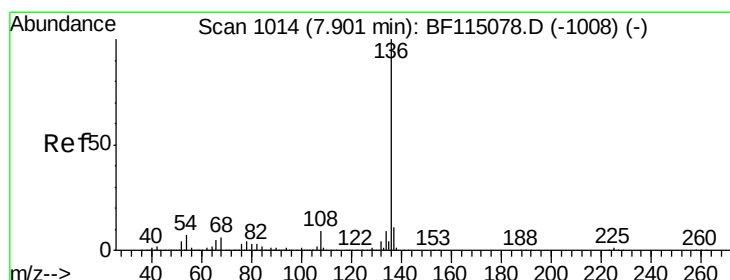
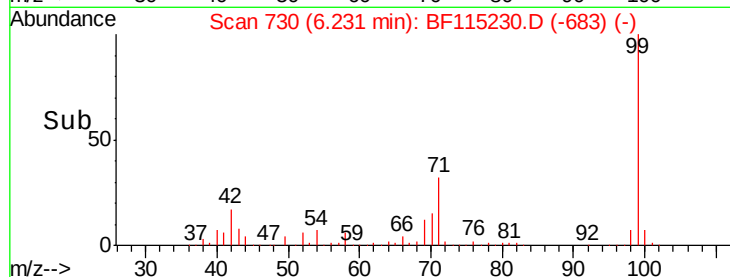
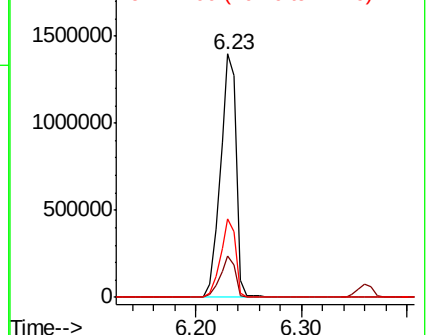
99 100

42 16.8 13.6 20.4

71 32.2 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: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Tgt Ion: 136 Resp: 958575

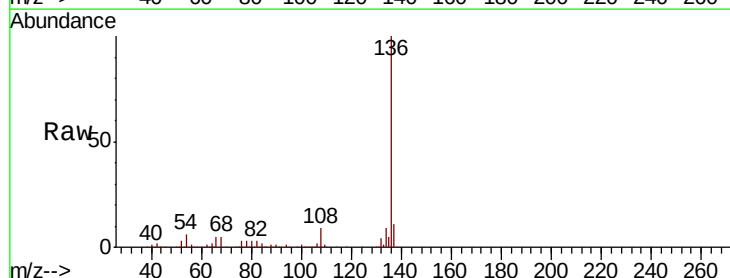
Ion Ratio Lower Upper

136 100

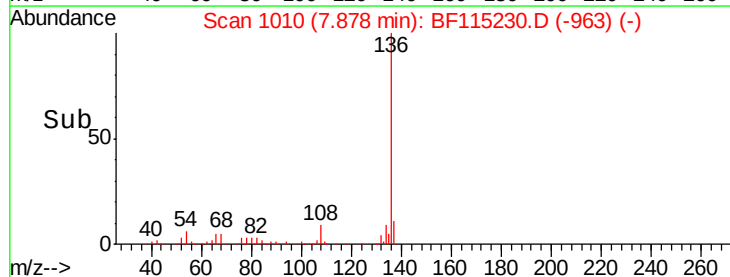
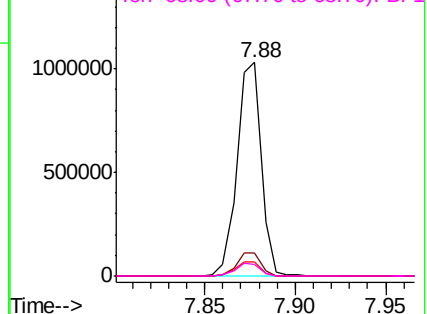
137 11.0 8.9 13.3

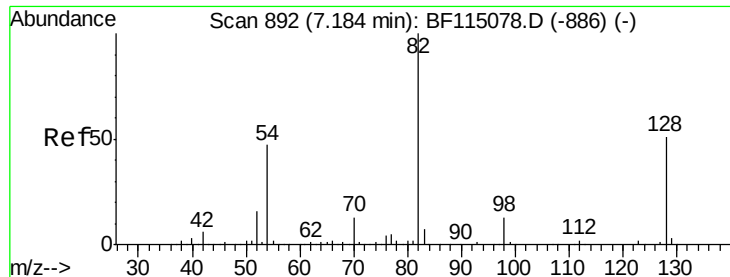
54 6.4 5.6 8.4

68 5.4 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

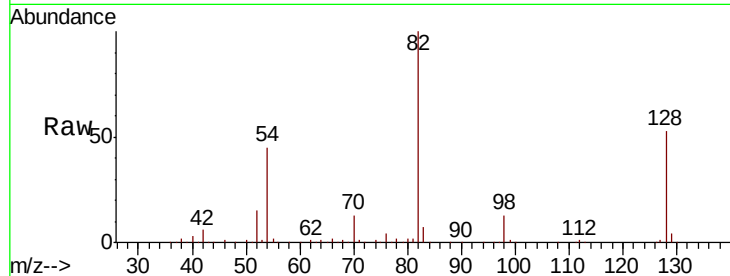




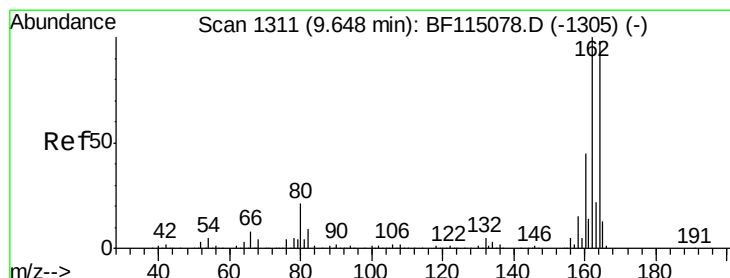
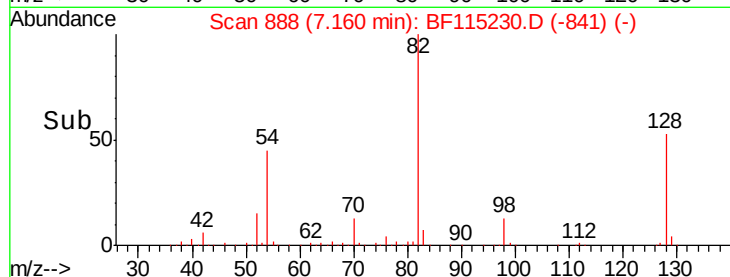
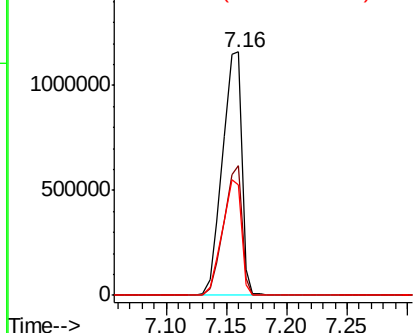
#23
 Nitrobenzene-d5
 Concen: 82.737 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tot Ion: 82 Resp: 1289260
 Ion Ratio Lower Upper
 82 100
 128 53.3 40.4 60.6
 54 45.2 37.5 56.3

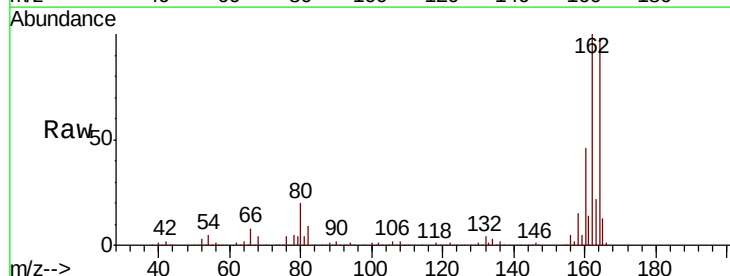


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

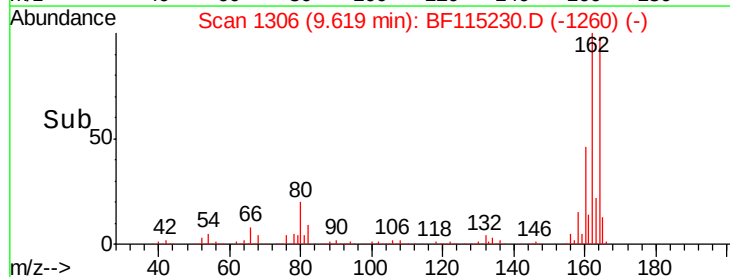
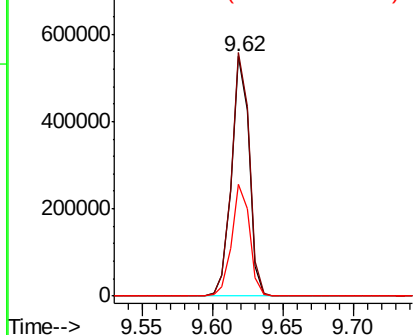


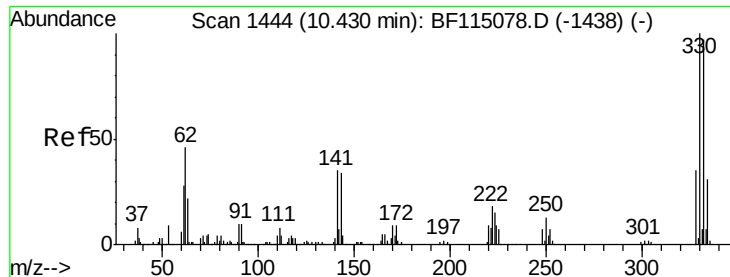
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion:164 Resp: 476182
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.7 122.5
 160 46.9 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

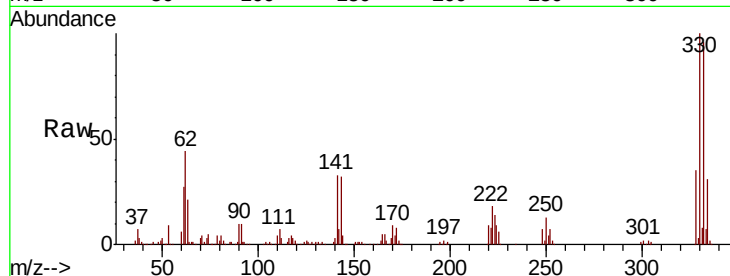




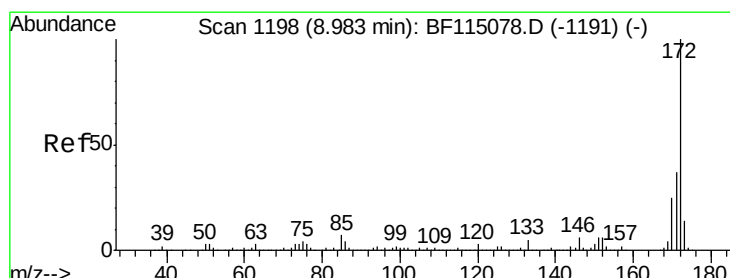
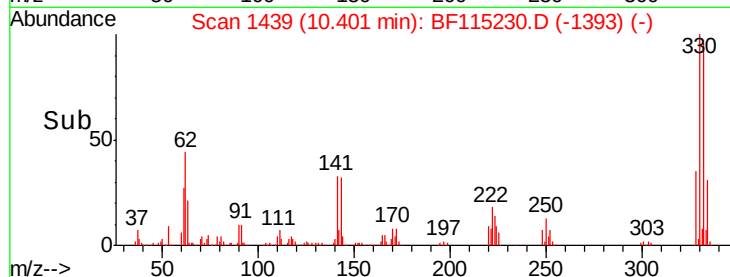
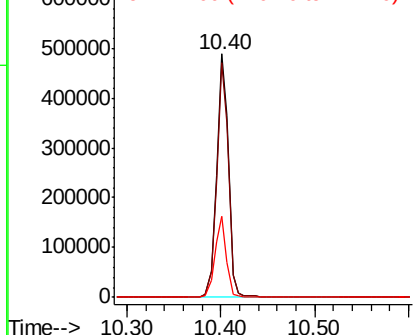
#42
 2,4,6-Tribromophenol
 Concen: 86.818 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BL

Tot Ion:330 Resp: 435955
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 32.2 28.2 42.2

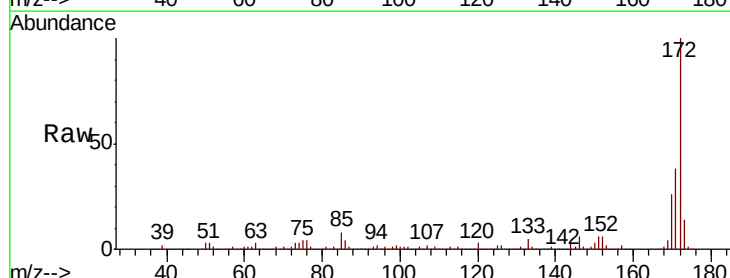


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

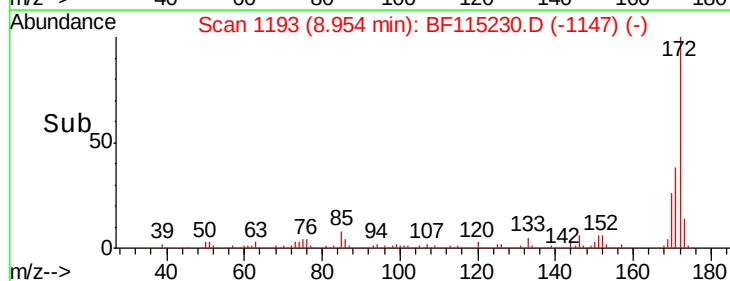
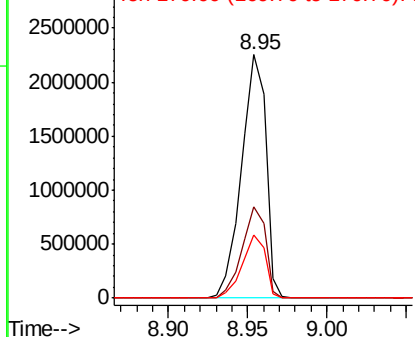


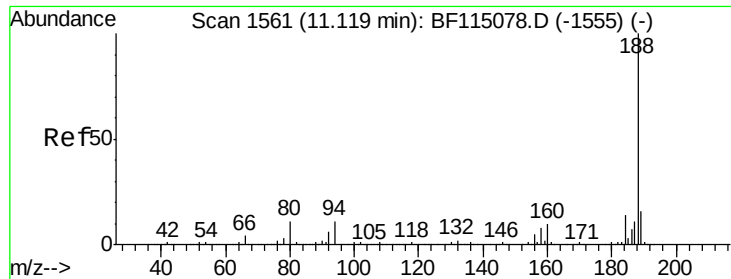
#45
 2-Fluorobiphenyl
 Concen: 85.780 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115230.D
 Acq: 27 Jun 2019 12:27

Tgt Ion:172 Resp: 2404696
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.8 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

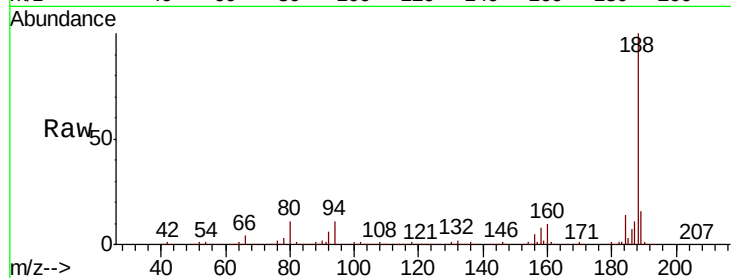




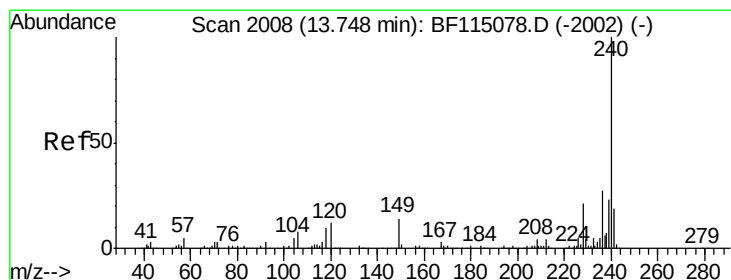
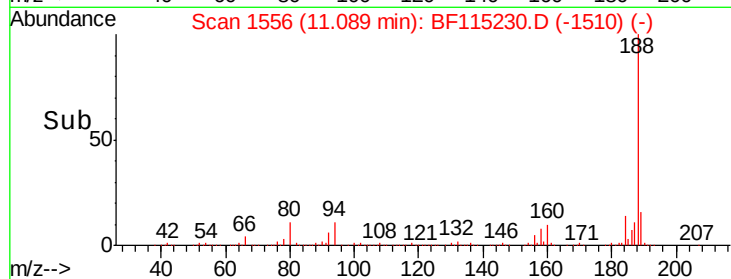
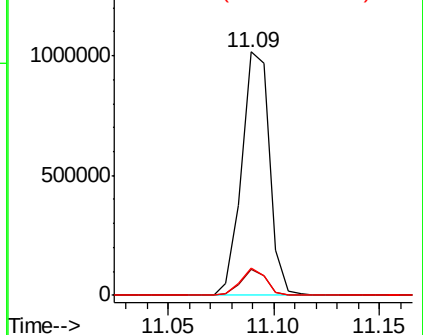
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.03 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Instrument :
BNA_F
ClientSampleId :
PB120942BL

Tot Ion:188 Resp: 927710
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.2 8.8 13.2

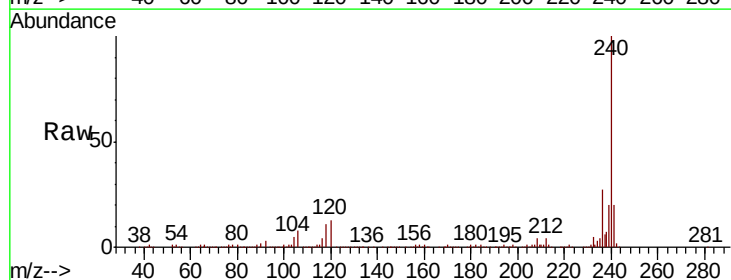


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

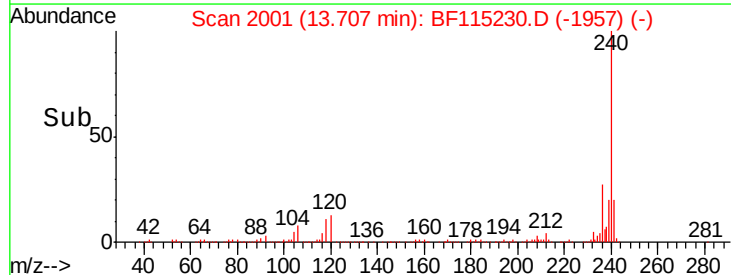
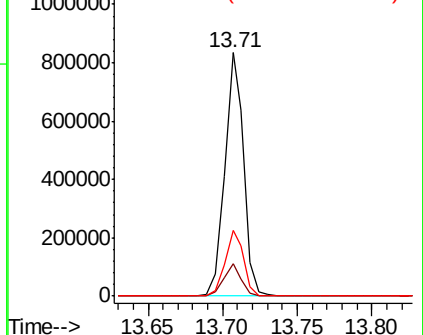


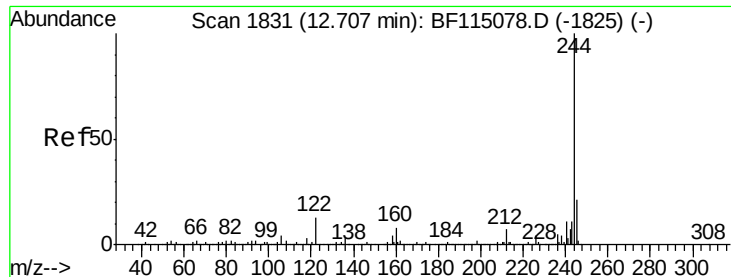
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF115230.D
Acq: 27 Jun 2019 12:27

Tgt Ion:240 Resp: 745099
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 27.1 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: 71.923 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

Instrument :

BNA_F

ClientSampleId :

PB120942BL

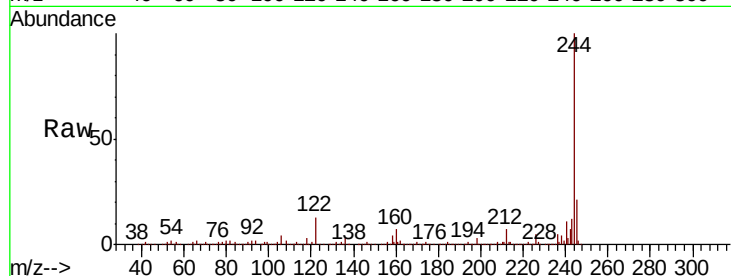
Tot Ion:244 Resp: 2520510

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

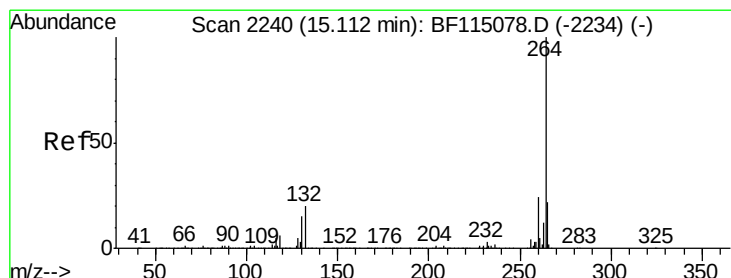
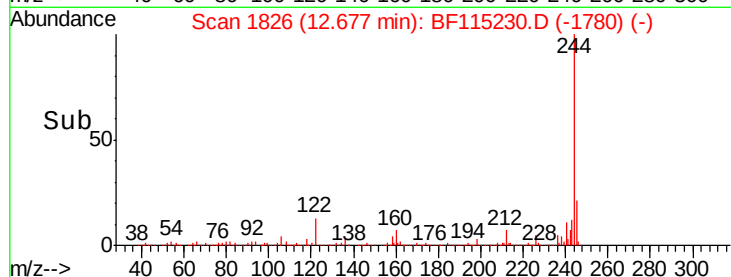
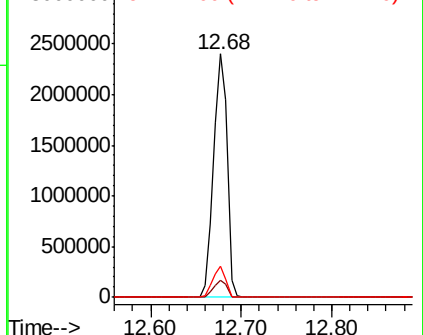
122 12.6 10.4 15.6



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: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115230.D

Acq: 27 Jun 2019 12:27

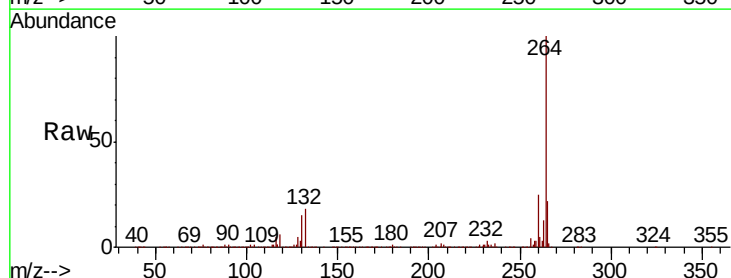
Tgt Ion:264 Resp: 813286

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.7 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

