

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115334.D
 Acq On : 1 Jul 2019 13:05
 Operator : HP/JU
 Sample : PB120926BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Quant Time: Jul 02 08:43:47 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 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	254863	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1003303	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	499704	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	999636	20.00	ng	0.00
76) Chrysene-d12	13.72	240	802417	20.00	ng	0.00
87) Perylene-d12	15.11	264	858674	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1501989	90.94	ng	0.02
7) Phenol-d6	6.25	99	1886210	94.09	ng	0.01
23) Nitrobenzene-d5	7.17	82	1142989	70.08	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	533495	101.24	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2150410	73.10	ng	0.00
79) Terphenyl-d14	12.69	244	2448358	64.87	ng	0.00

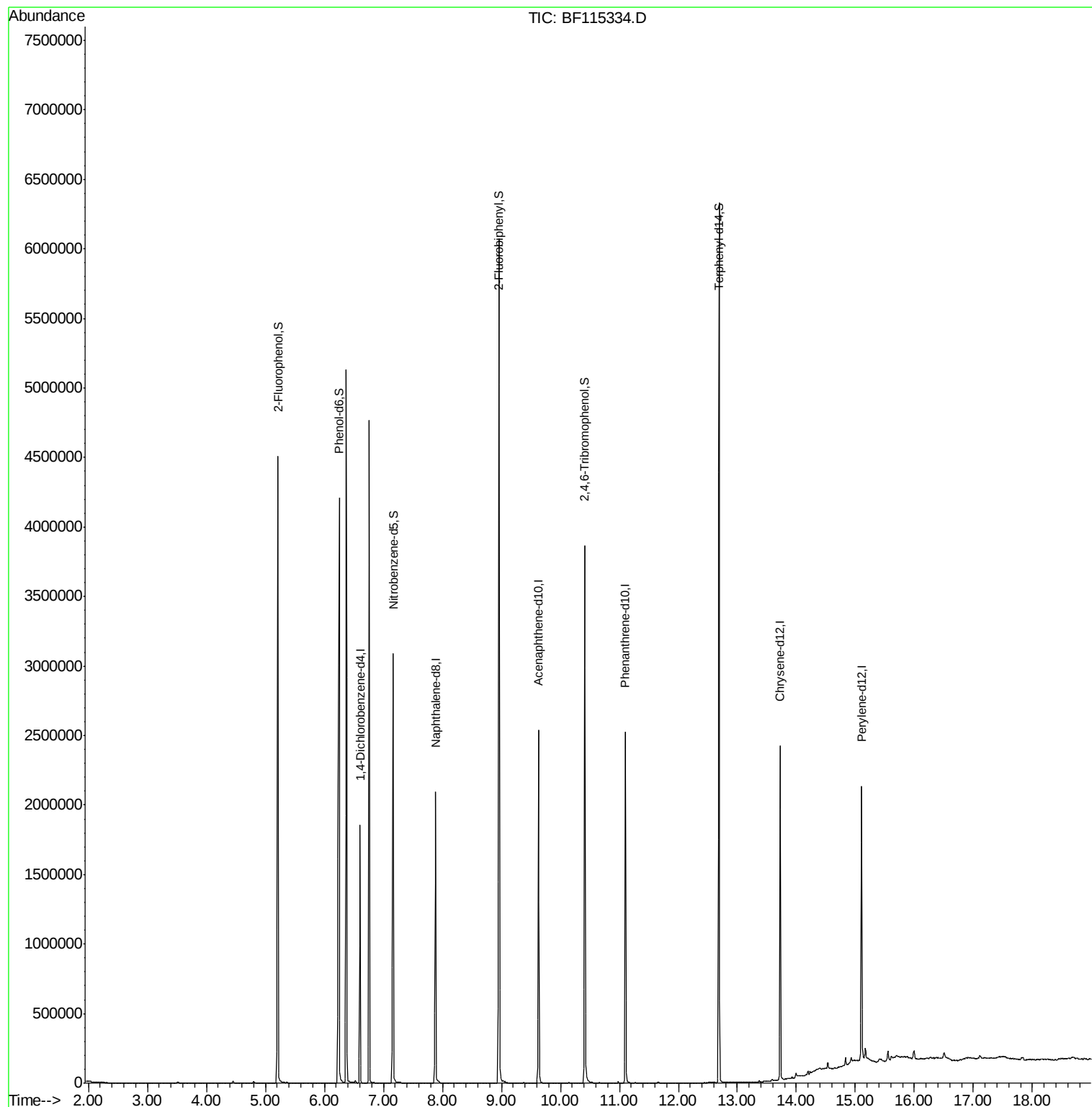
Target Compounds Qvalue

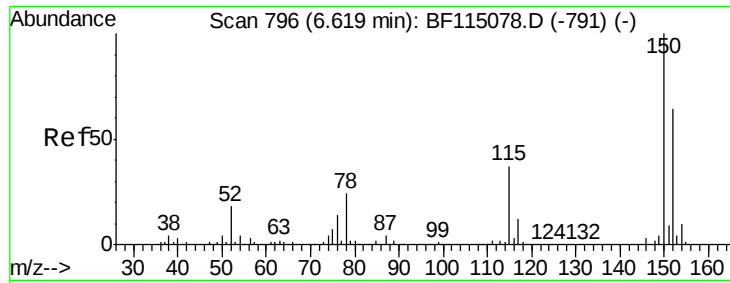
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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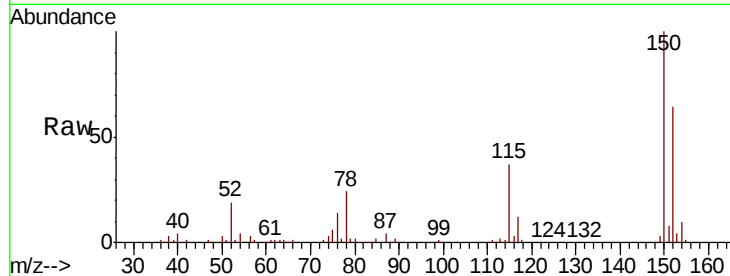


#1

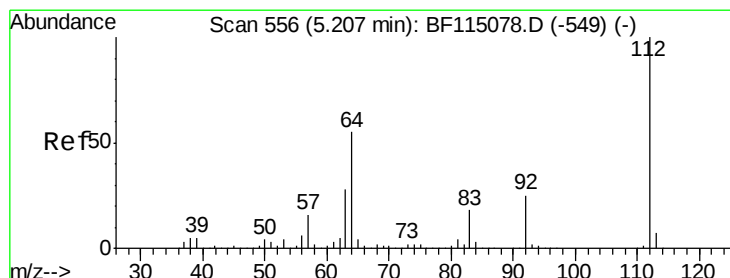
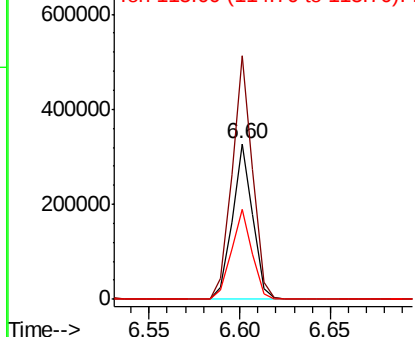
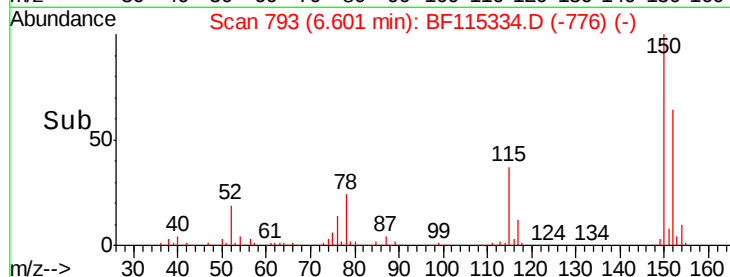
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :
PB120926BL

Tot Ion:152 Resp: 254863
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 58.3 46.1 69.1



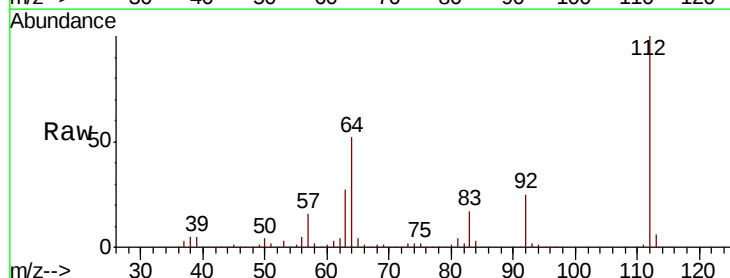
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



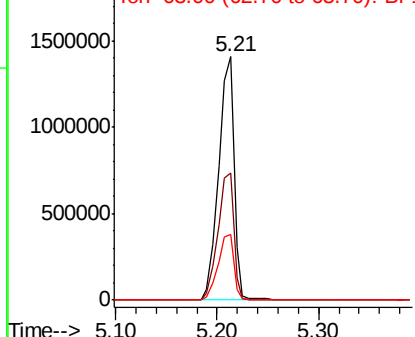
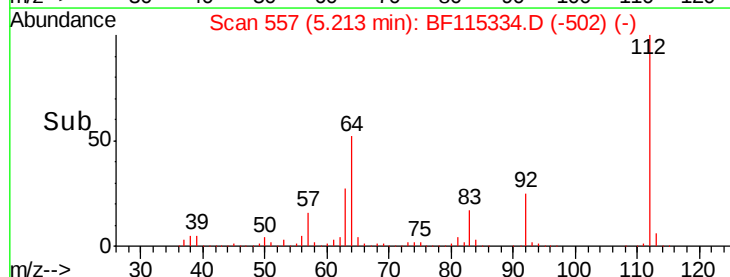
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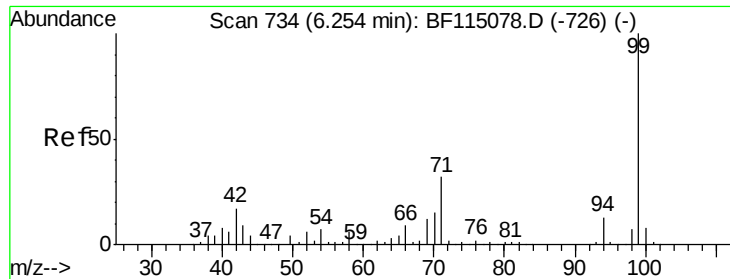
2-Fluorophenol
Concen: 90.944 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:112 Resp: 1501989
Ion Ratio Lower Upper
112 100
64 52.3 43.8 65.6
63 26.8 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: 94.095 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

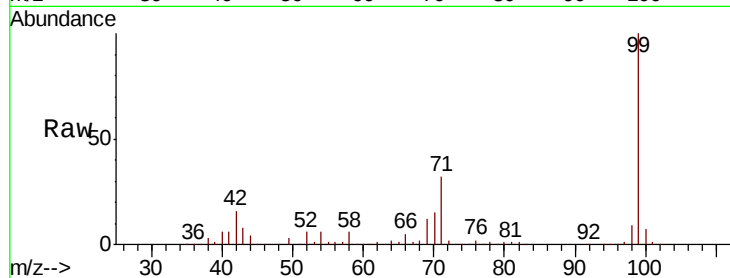
Tot Ion: 99 Resp: 1886210

Ion Ratio Lower Upper

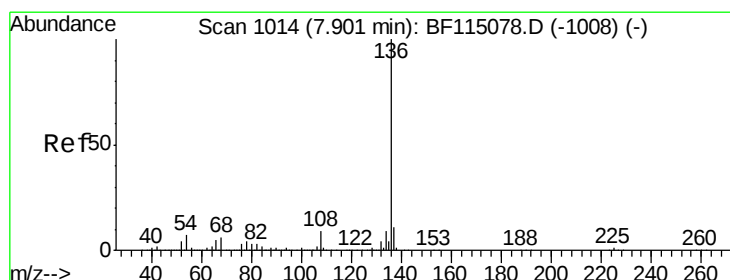
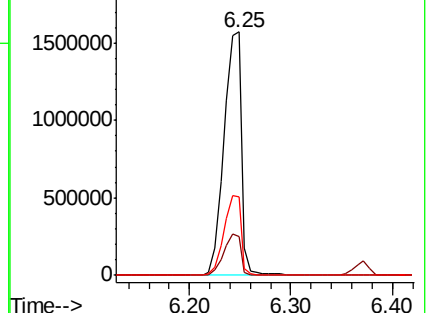
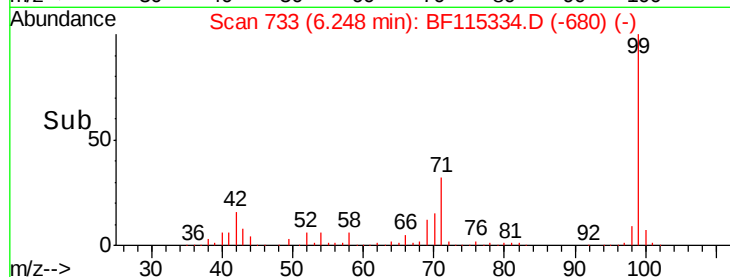
99 100

42 16.1 13.6 20.4

71 32.1 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# 1011

Delta R.T. 0.00 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Tgt Ion:136 Resp: 1003303

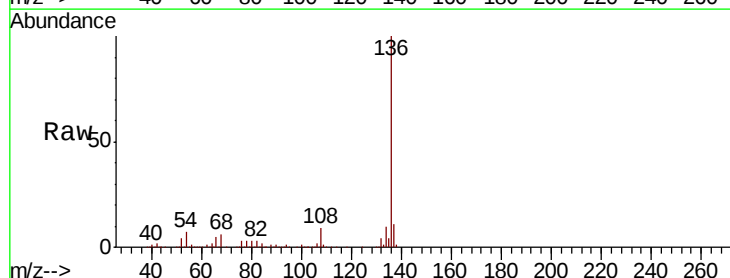
Ion Ratio Lower Upper

136 100

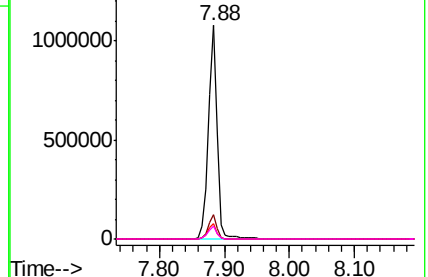
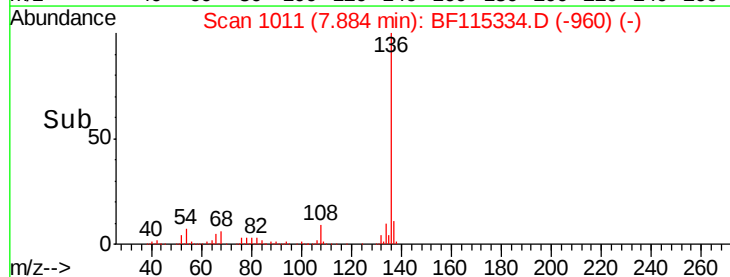
137 11.2 8.9 13.3

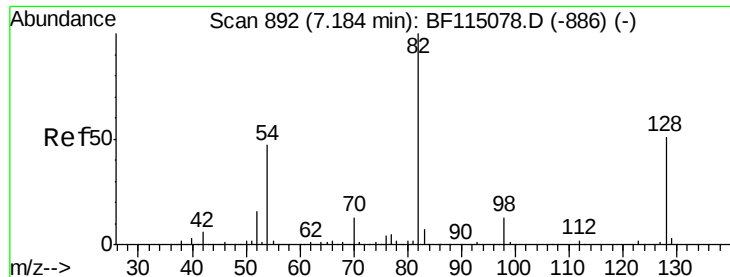
54 6.9 5.6 8.4

68 6.0 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

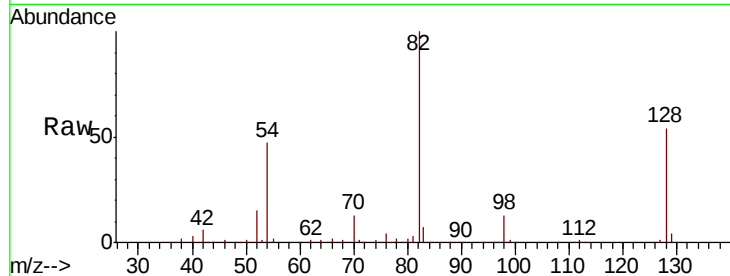




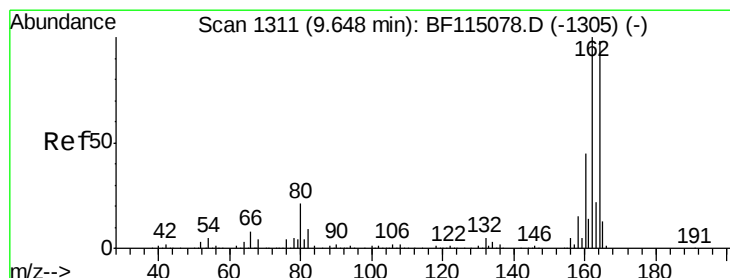
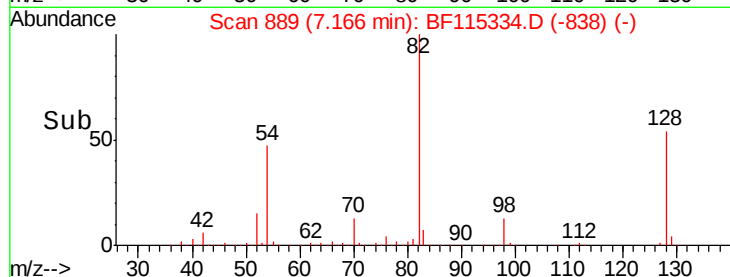
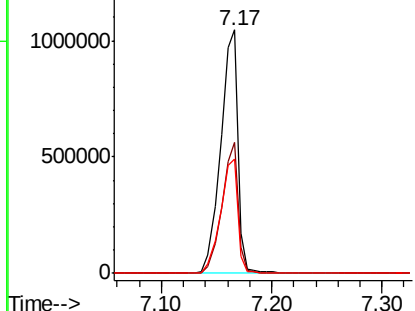
#23
Nitrobenzene-d5
Concen: 70.080 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :
PB120926BL

Tot Ion: 82 Resp: 1142989
Ion Ratio Lower Upper
82 100
128 53.7 40.4 60.6
54 46.7 37.5 56.3

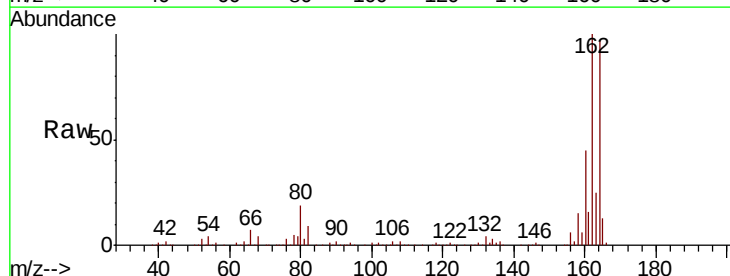


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

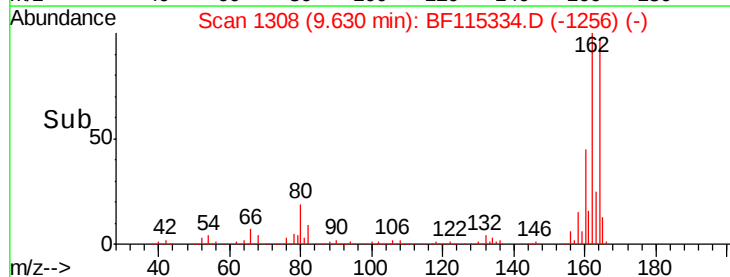
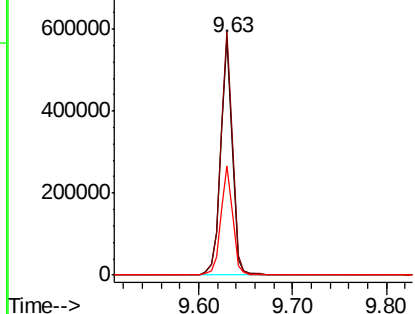


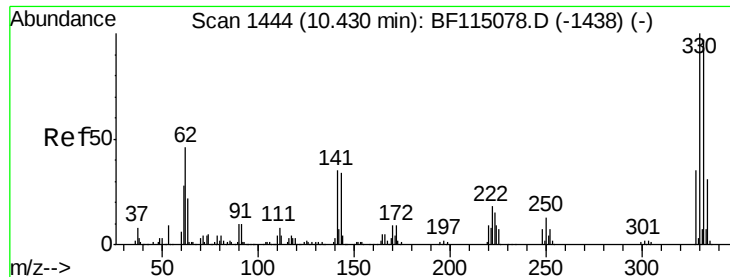
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115334.D
Acq: 1 Jul 2019 13:05

Tgt Ion:164 Resp: 499704
Ion Ratio Lower Upper
164 100
162 102.6 81.7 122.5
160 46.2 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

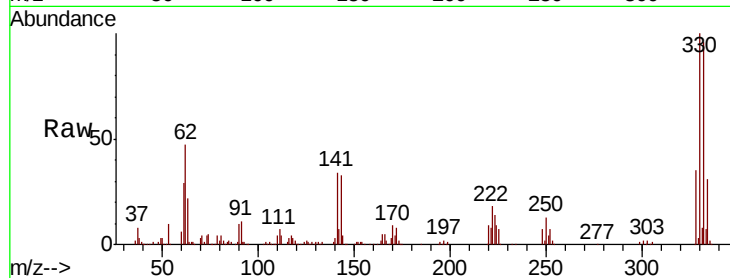




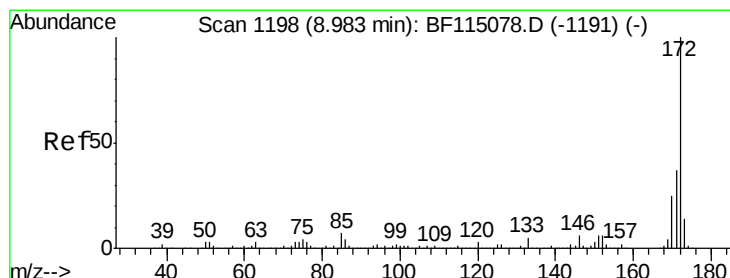
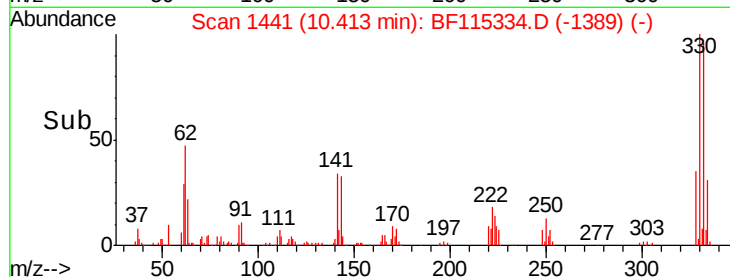
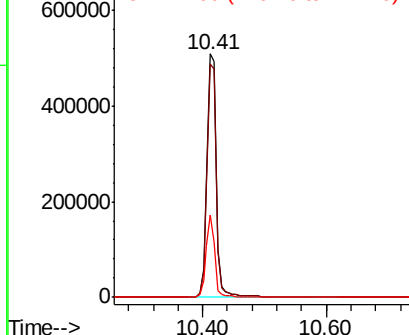
#42
 2,4,6-Tribromophenol
 Concen: 101.241 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BL

Tot Ion:330 Resp: 533495
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 31.7 28.2 42.2

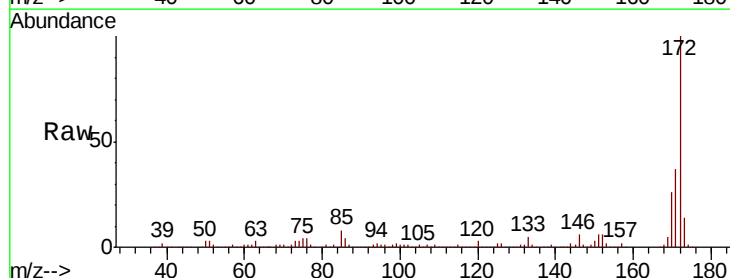


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

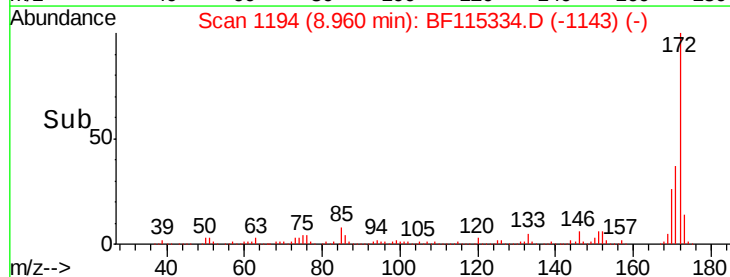
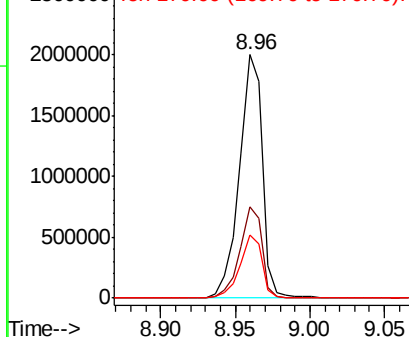


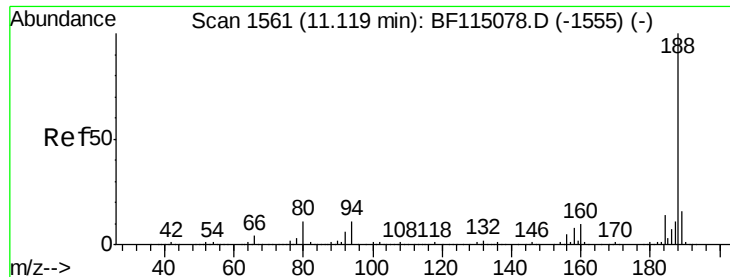
#45
 2-Fluorobiphenyl
 Concen: 73.098 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion:172 Resp: 2150410
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

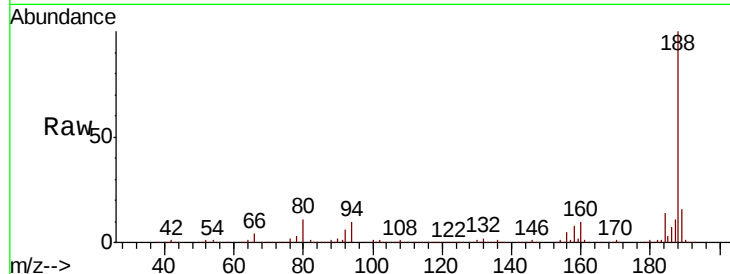




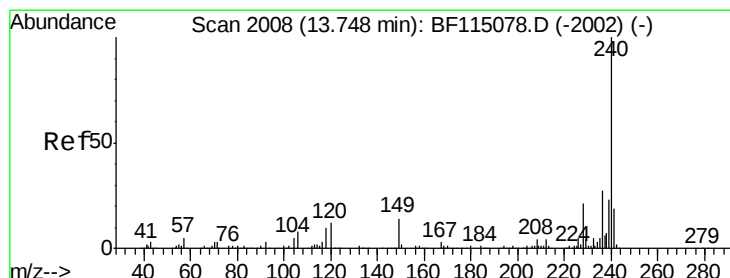
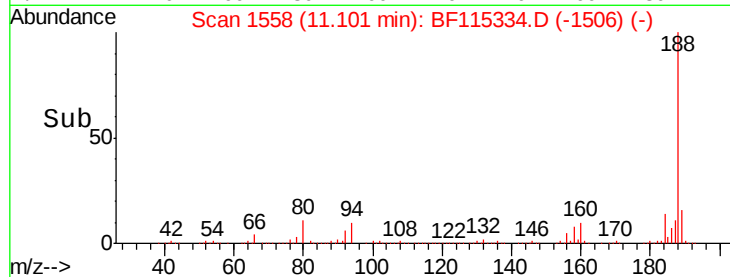
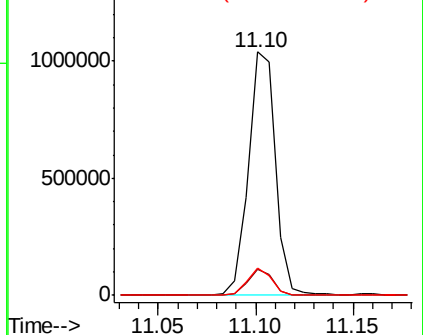
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleID :
 PB120926BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	12.8
80	11.0	8.8	13.2

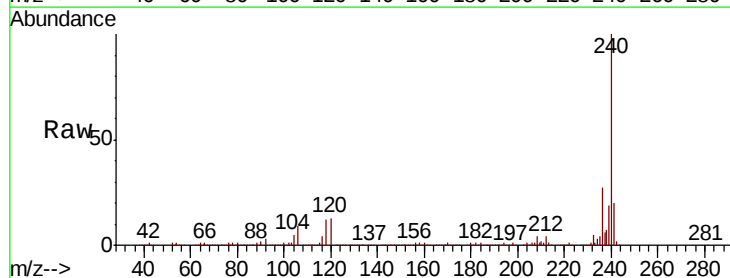


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

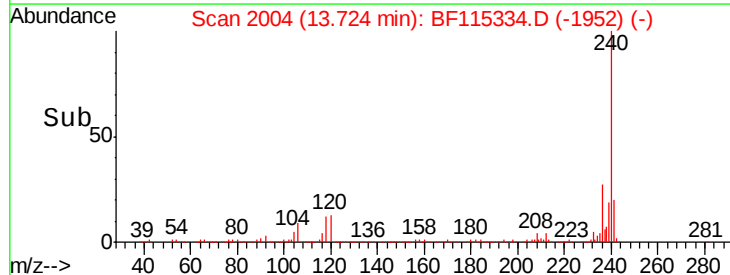
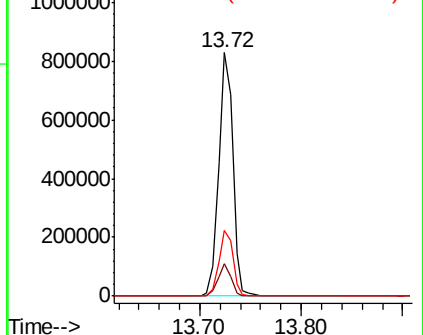


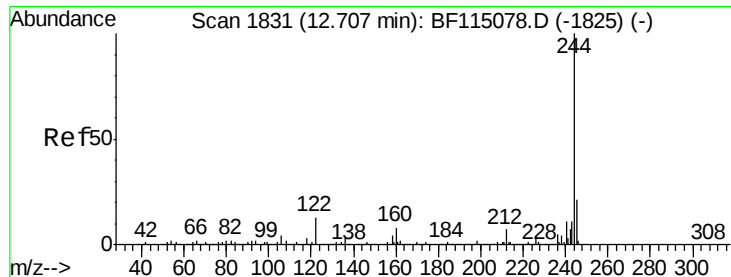
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115334.D
 Acq: 1 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.4	14.2
236	27.2	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: 64.874 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

PB120926BL

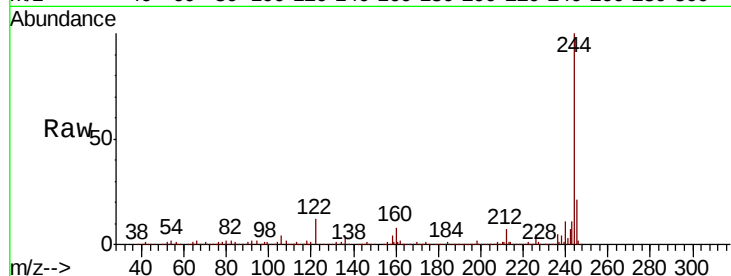
Tot Ion:244 Resp: 2448358

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

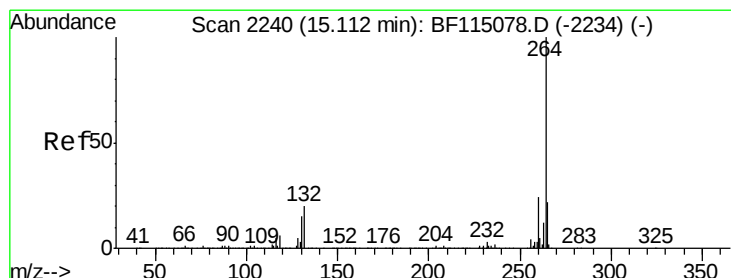
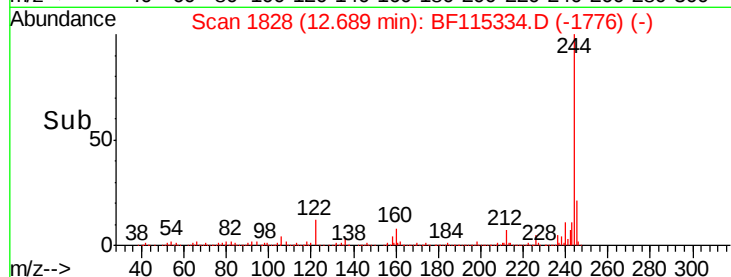
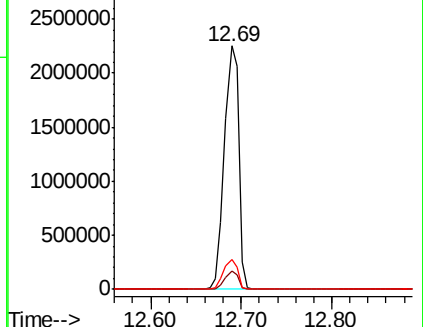
122 12.2 10.4 15.6



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. 0.02 min

Lab File: BF115334.D

Acq: 1 Jul 2019 13:05

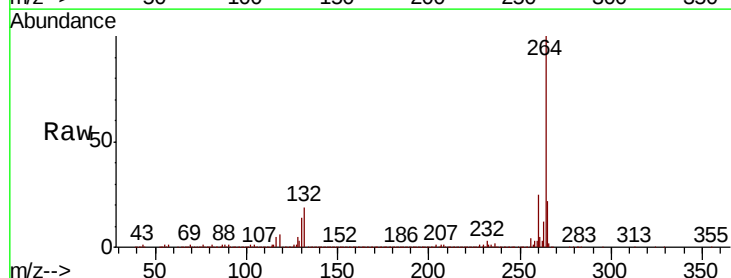
Tgt Ion:264 Resp: 858674

Ion Ratio Lower Upper

264 100

260 24.5 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

