

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115039.D
 Acq On : 14 Jun 2019 14:55
 Operator : HP/JU
 Sample : PB120599BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120599BL

Quant Time: Jun 15 05:24:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	251297	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	976441	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	469958	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	946144	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	731693	20.00	ng	-0.01
87) Perylene-d12	15.14	264	715420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1030629	68.48	ng	0.00
7) Phenol-d6	6.29	99	1227459	67.61	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1102050	67.94	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	339652	67.49	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2105646	75.94	ng	0.00
79) Terphenyl-d14	12.73	244	2132552	54.82	ng	0.00

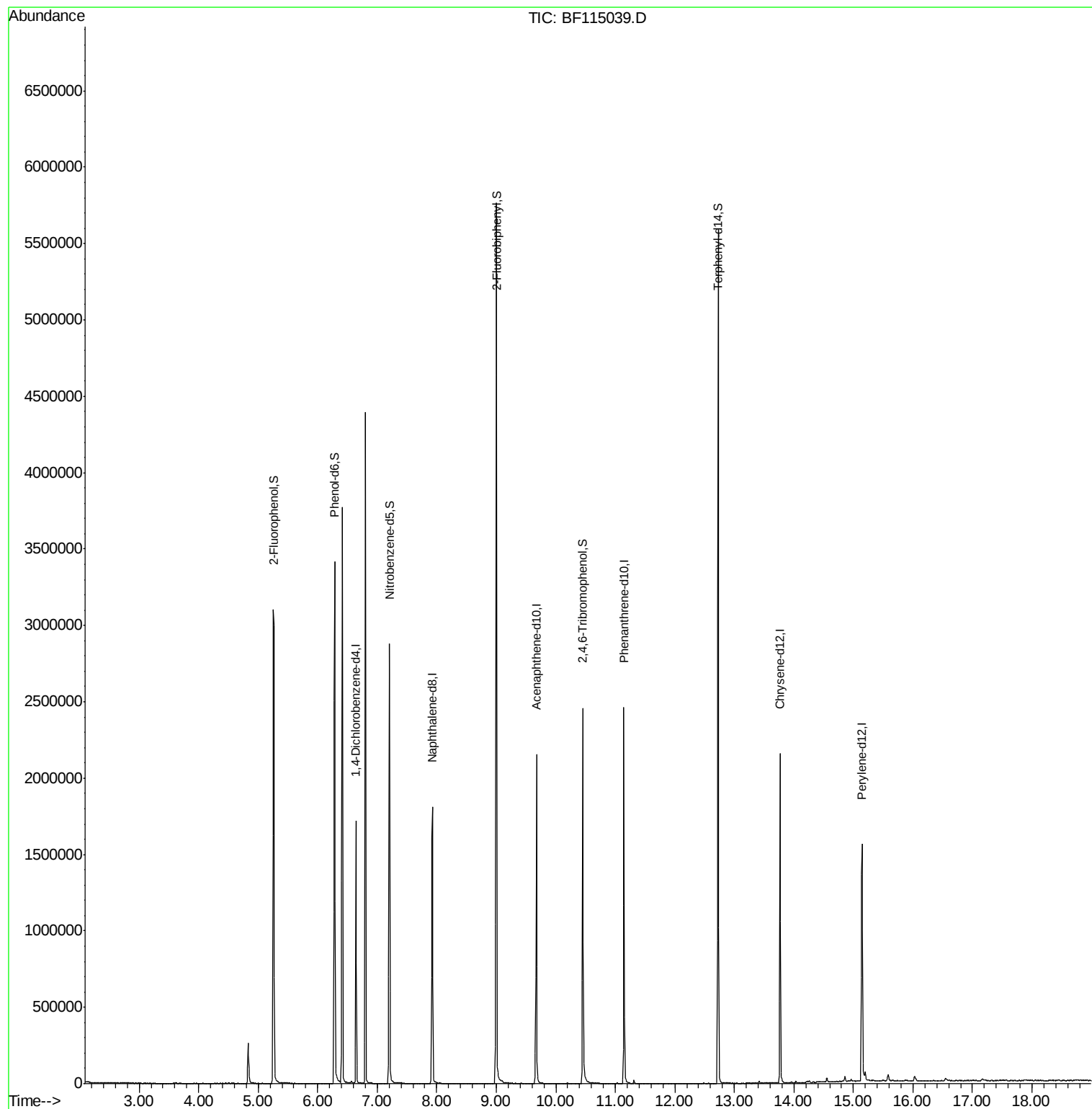
Target Compounds Qvalue

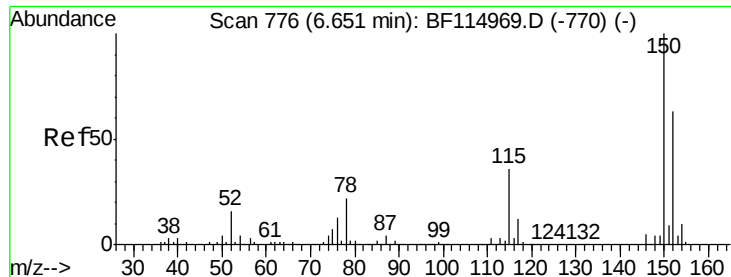
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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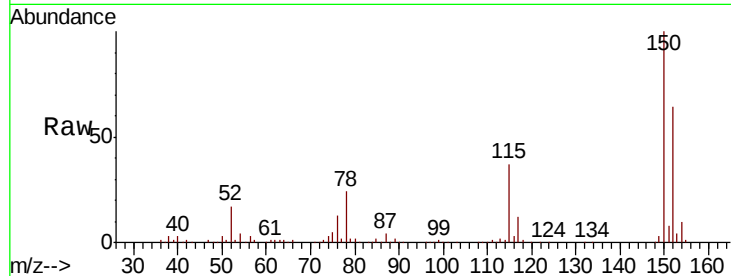


#1

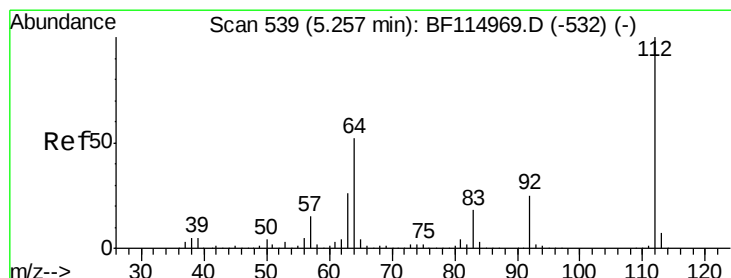
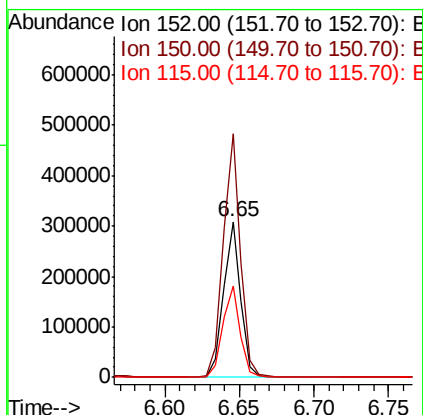
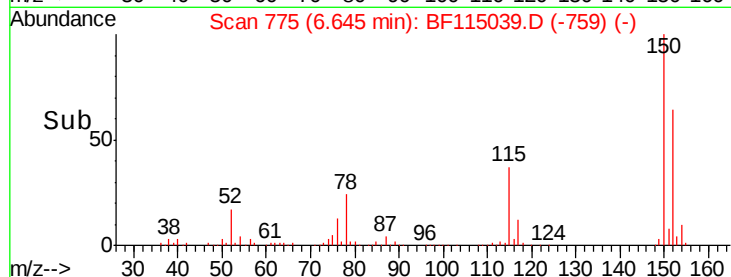
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PB120599BL

Tot Ion:152 Resp: 251297
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 58.4 46.0 69.0



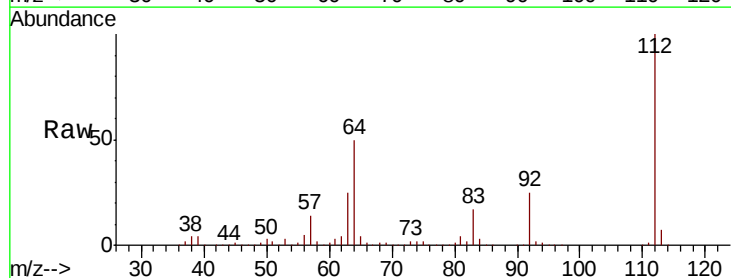
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



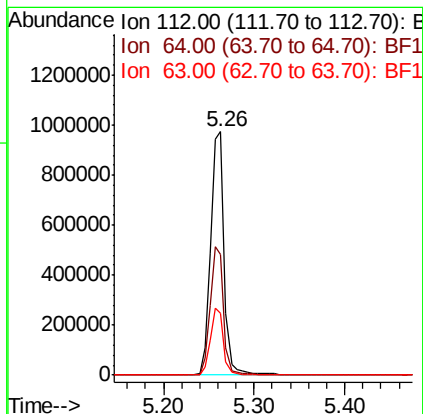
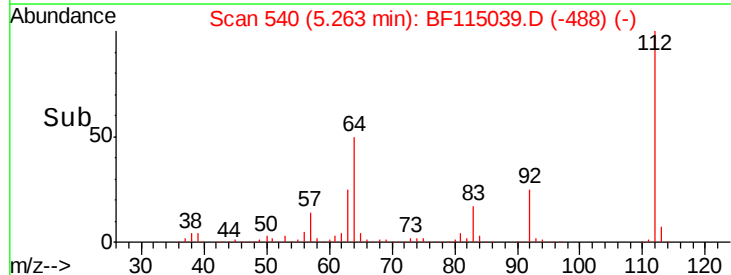
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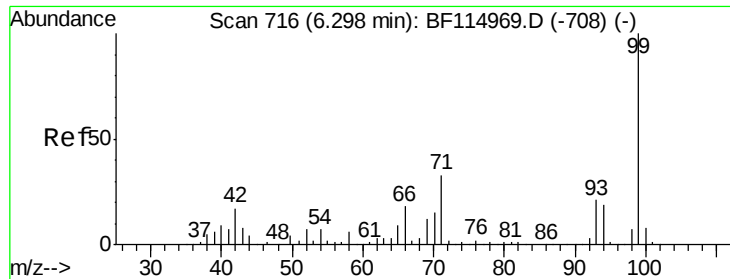
2-Fluorophenol
Concen: 68.482 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion:112 Resp: 1030629
Ion Ratio Lower Upper
112 100
64 49.8 41.6 62.4
63 25.4 20.9 31.3



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: 67.613 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PB120599BL

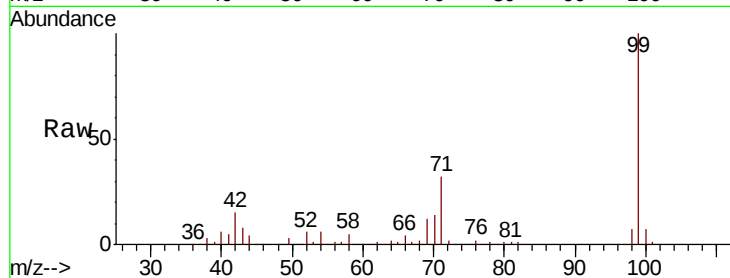
Tot Ion: 99 Resp: 1227459

Ion Ratio Lower Upper

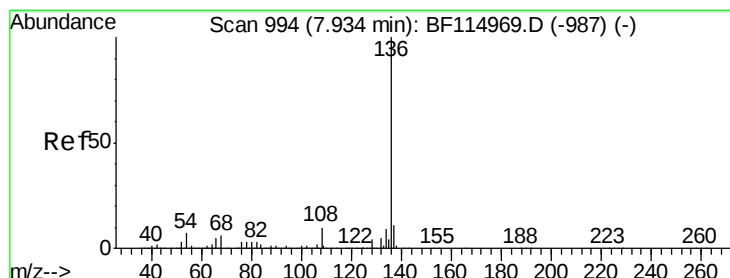
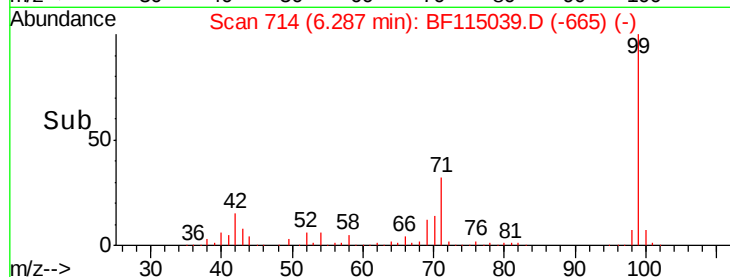
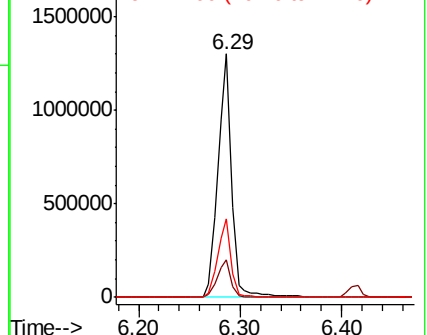
99 100

42 15.4 13.4 20.2

71 32.5 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Tgt Ion: 136 Resp: 976441

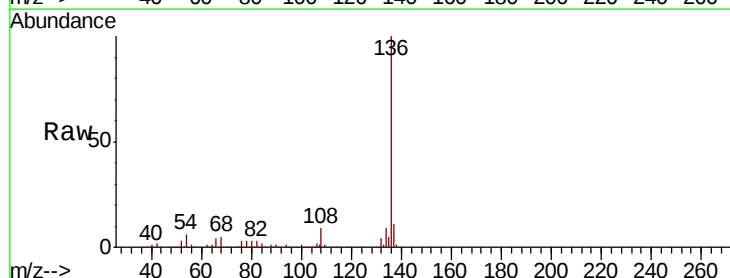
Ion Ratio Lower Upper

136 100

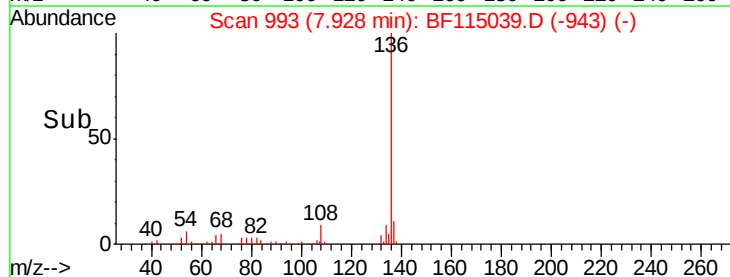
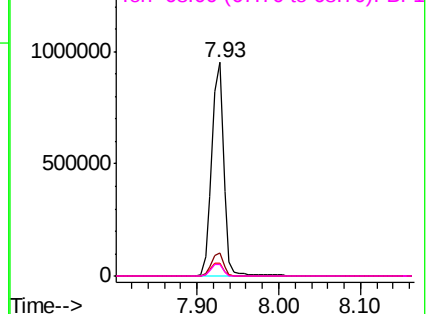
137 10.9 9.0 13.4

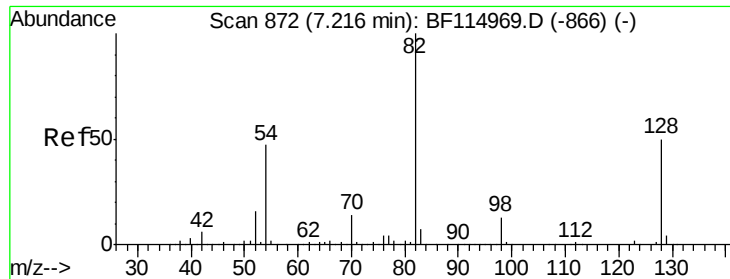
54 6.1 5.4 8.0

68 5.4 4.6 7.0



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

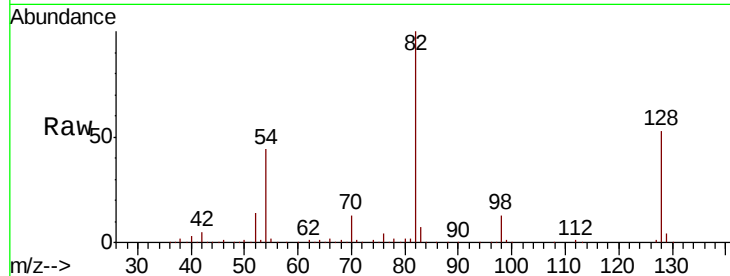




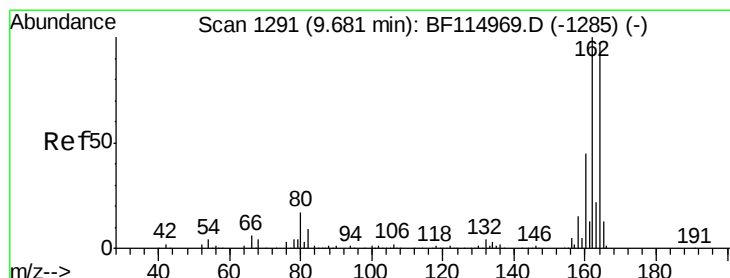
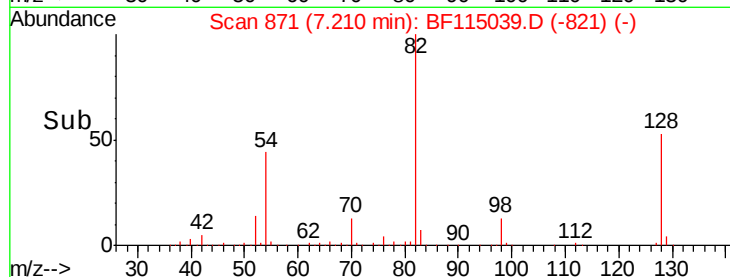
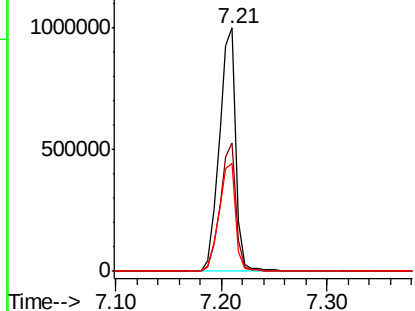
#23
Nitrobenzene-d5
Concen: 67.935 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampleId :
PB120599BL

Tot Ion: 82 Resp: 1102050
Ion Ratio Lower Upper
82 100
128 52.9 39.9 59.9
54 44.2 37.3 55.9

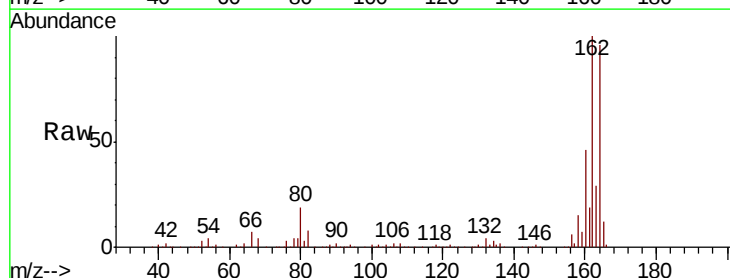


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

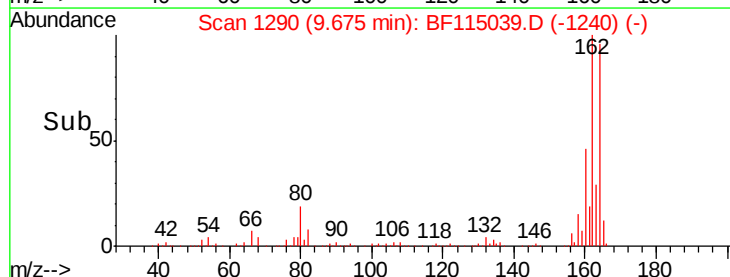
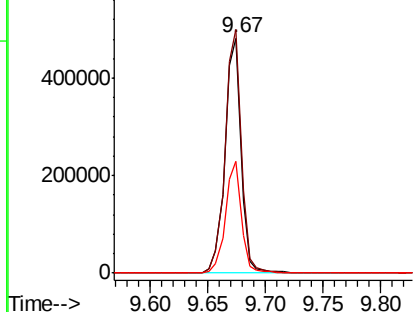


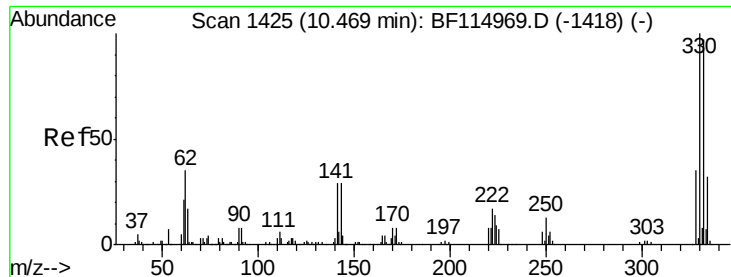
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion:164 Resp: 469958
Ion Ratio Lower Upper
164 100
162 103.7 82.6 124.0
160 47.6 36.9 55.3



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: 67.490 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

Instrument :

BNA_F

ClientSampleId :

PB120599BL

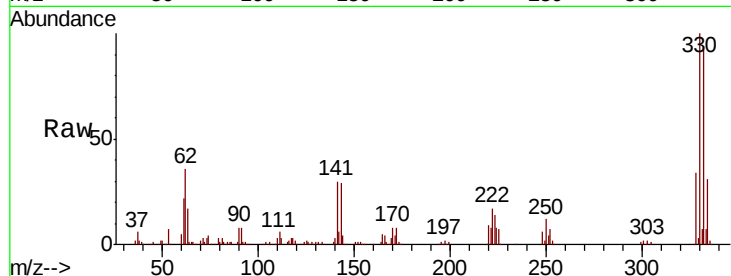
Tot Ion:330 Resp: 339652

Ion Ratio Lower Upper

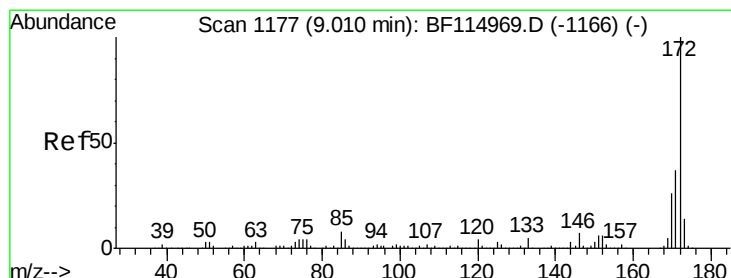
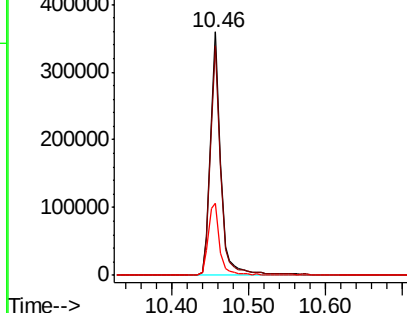
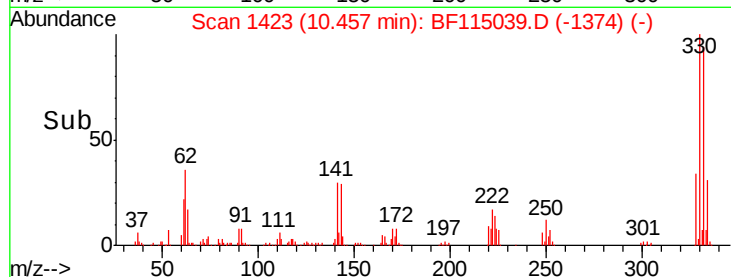
330 100

332 93.8 77.6 116.4

141 32.9 27.2 40.8



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: 75.937 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115039.D

Acq: 14 Jun 2019 14:55

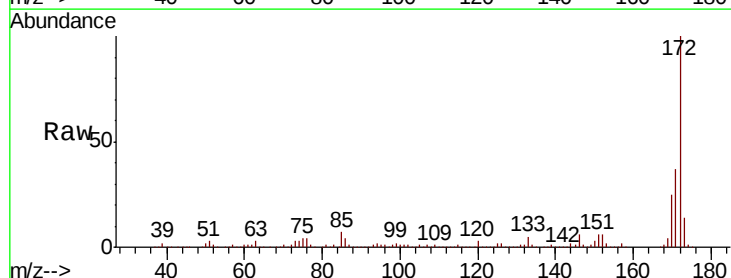
Tgt Ion:172 Resp: 2105646

Ion Ratio Lower Upper

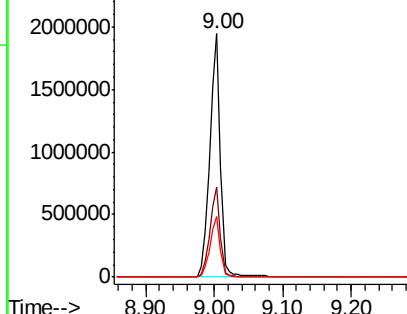
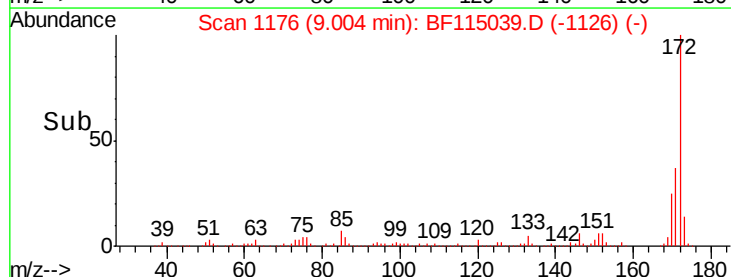
172 100

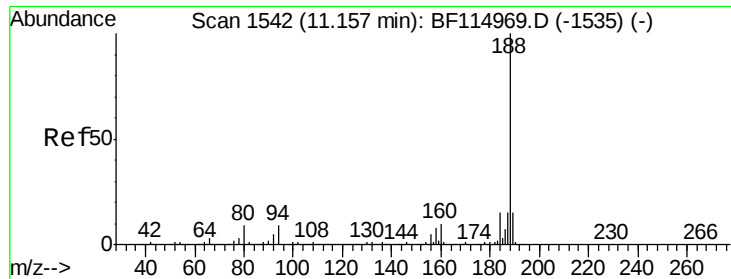
171 36.8 29.8 44.6

170 25.0 20.6 31.0



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

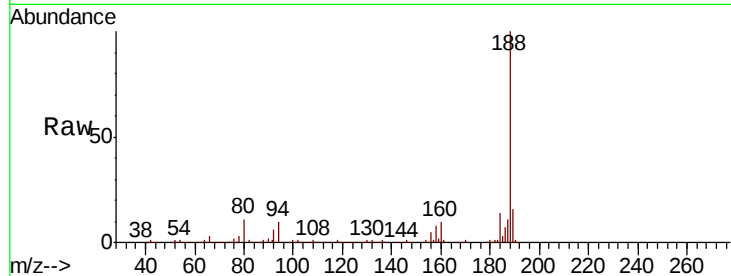




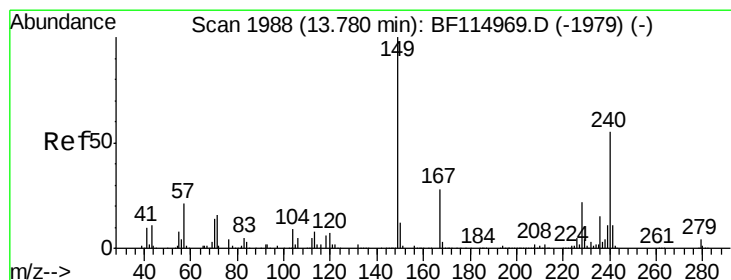
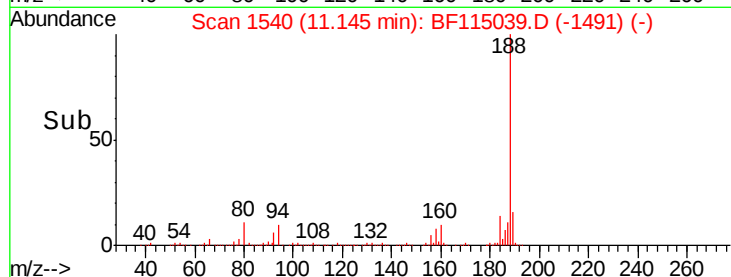
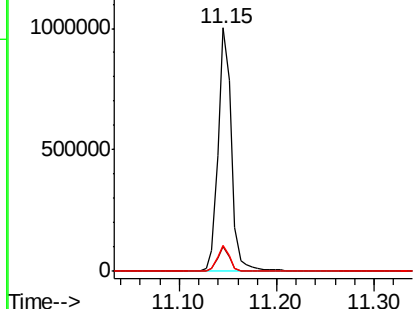
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Instrument :
BNA_F
ClientSampled :
PB120599BL

Tot Ion:188 Resp: 946144
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.7 7.4 11.2

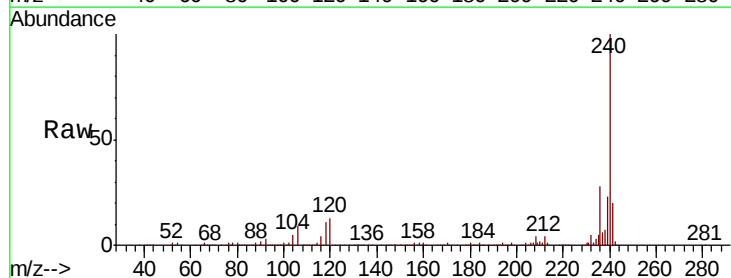


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

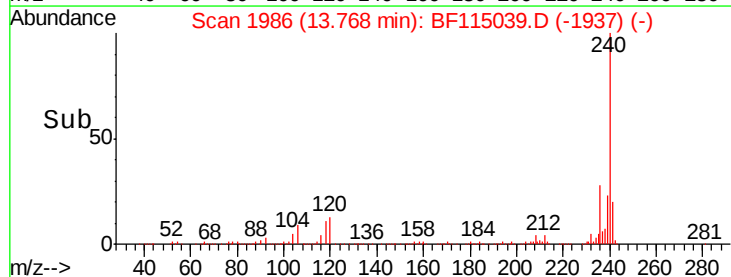
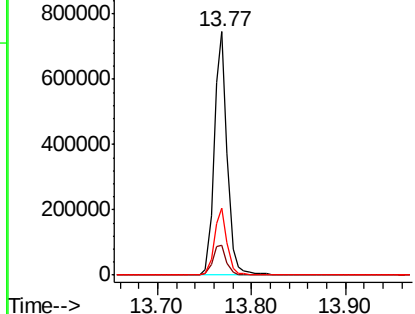


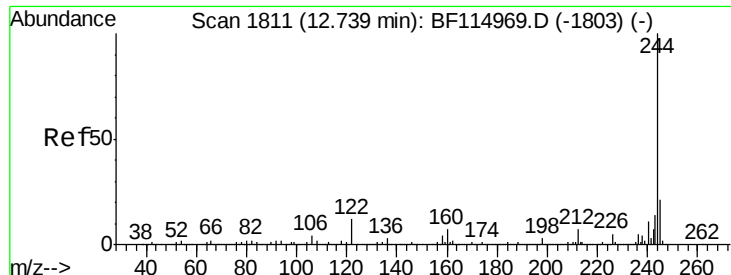
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115039.D
Acq: 14 Jun 2019 14:55

Tgt Ion:240 Resp: 731693
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 27.6 21.6 32.4



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



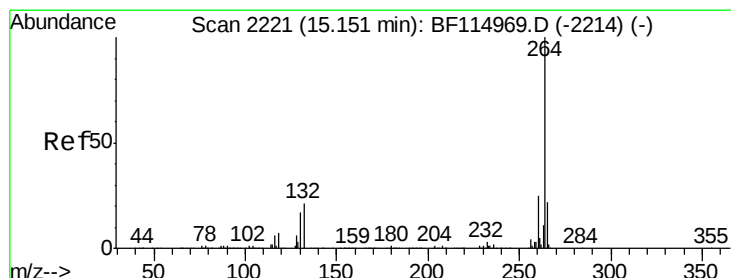
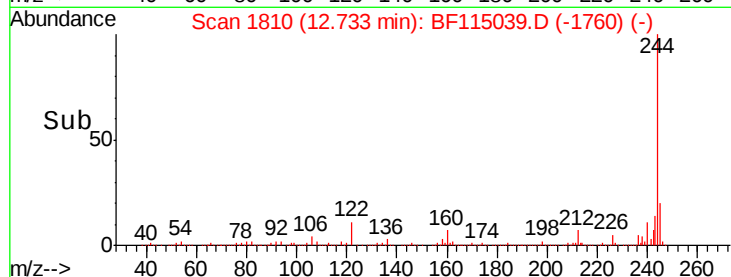
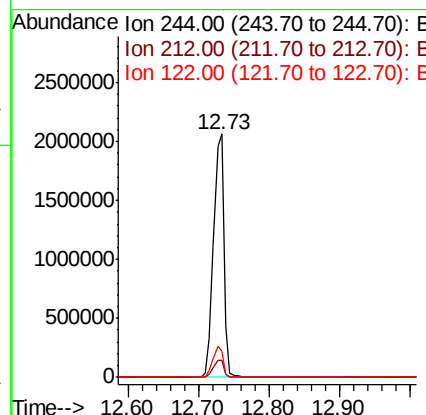
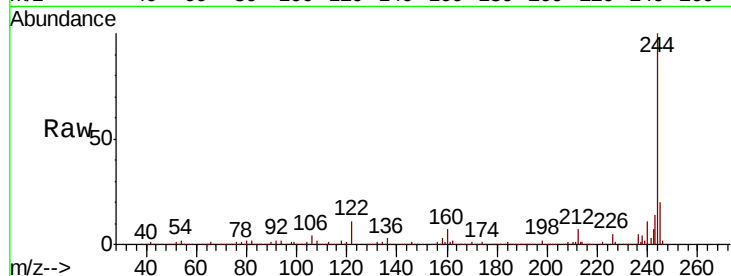


#79
 Terphenyl-d14
 Concen: 54.819 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115039.D
 Acq: 14 Jun 2019 14:55

Instrument :
 BNA_F
 ClientSampleID :
 PB120599BL

Tot Ion:244 Resp: 2132552

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	9.4	14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115039.D
 Acq: 14 Jun 2019 14:55

Tgt Ion:264 Resp: 715420

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	21.5	17.6	26.4

