

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115035.D
 Acq On : 14 Jun 2019 13:10
 Operator : HP/JU
 Sample : PB120572BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BL

Quant Time: Jun 15 05:19:13 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	255065	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1014324	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	492054	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	984944	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	778515	20.00	ng	-0.01
87) Perylene-d12	15.14	264	748674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1626949	106.51	ng	0.00
7) Phenol-d6	6.29	99	1984822	107.72	ng	0.00
23) Nitrobenzene-d5	7.21	82	1231092	73.06	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	549802	104.34	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2389881	82.32	ng	0.00
79) Terphenyl-d14	12.73	244	2531675	61.16	ng	0.00

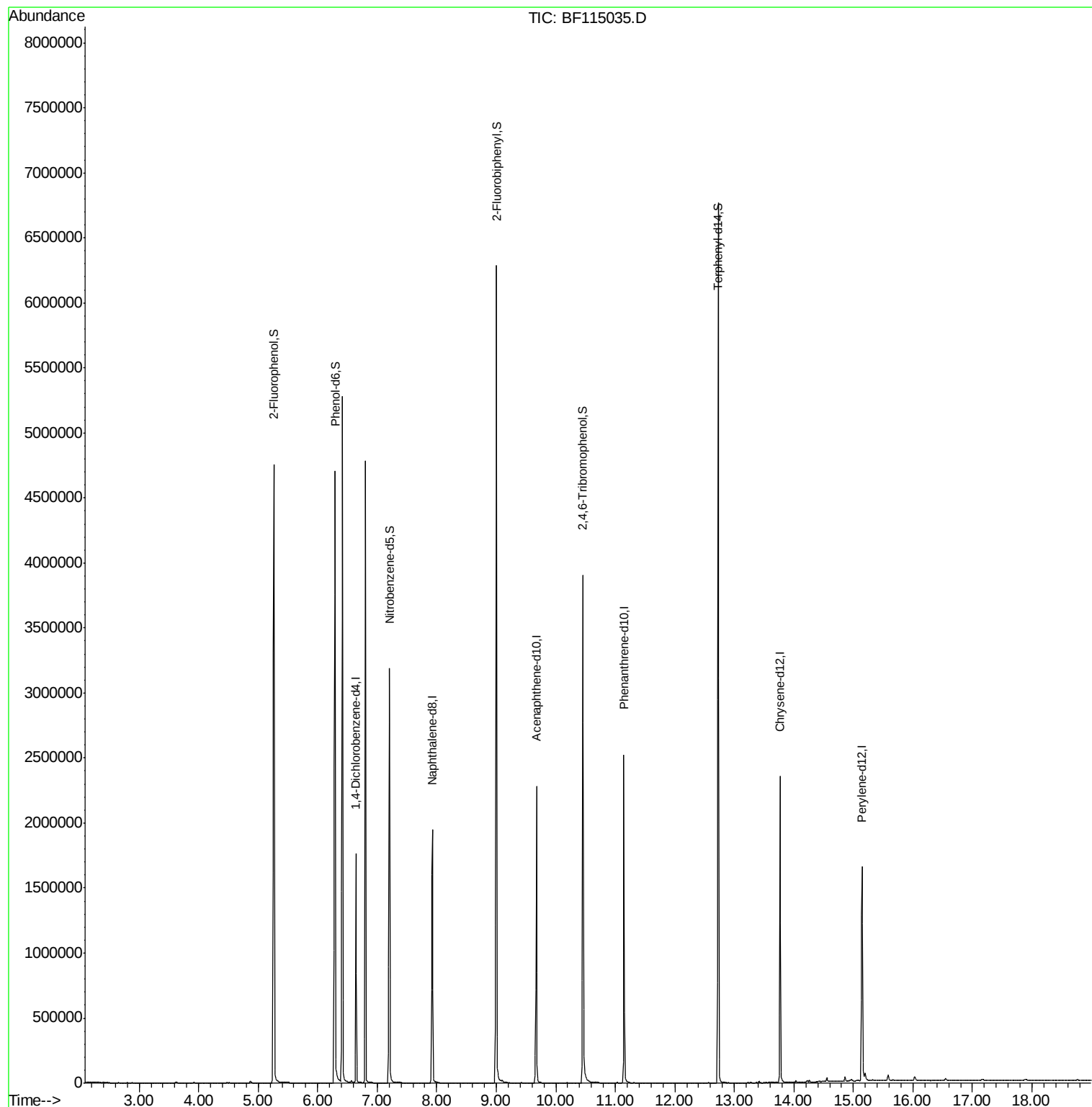
Target Compounds Qvalue

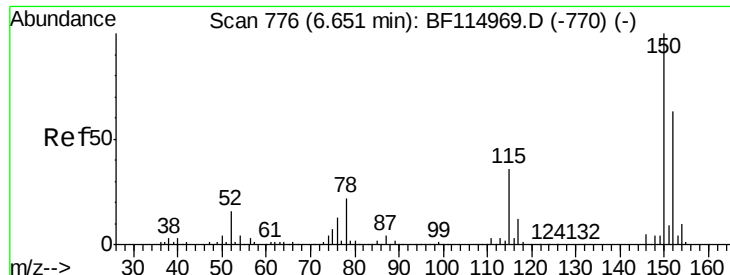
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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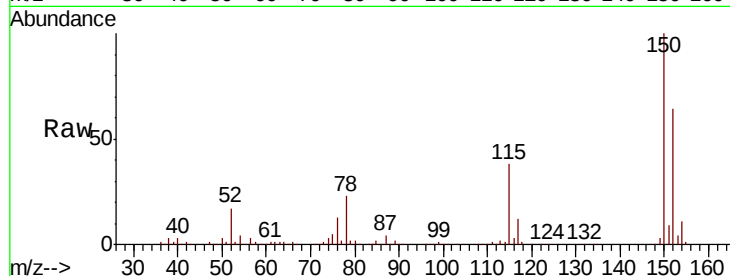


#1

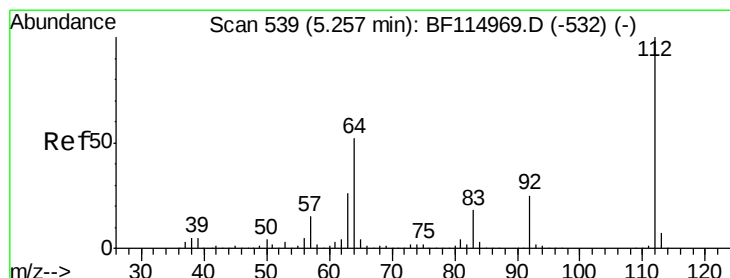
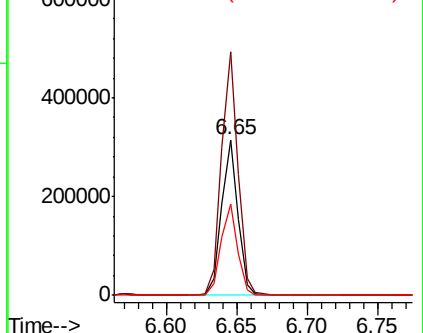
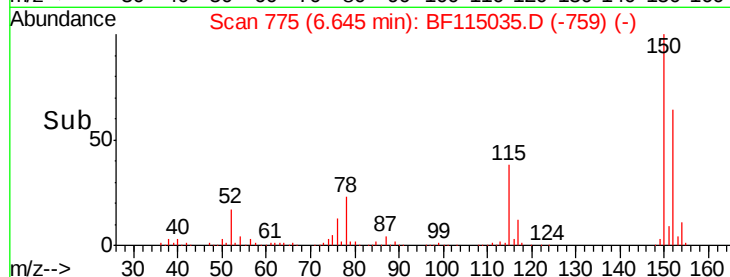
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115035.D
Acq: 14 Jun 2019 13:10

Instrument :
BNA_F
ClientSampleId :
PB120572BL

Tot Ion:152 Resp: 255065
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 58.7 46.0 69.0



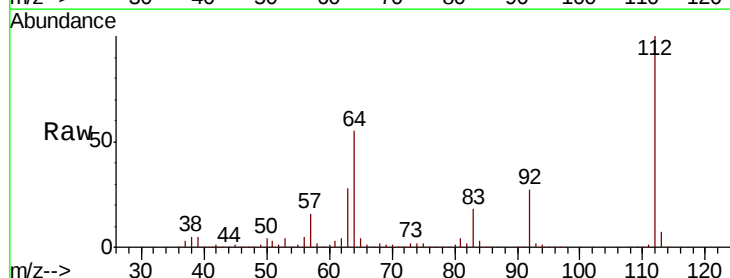
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



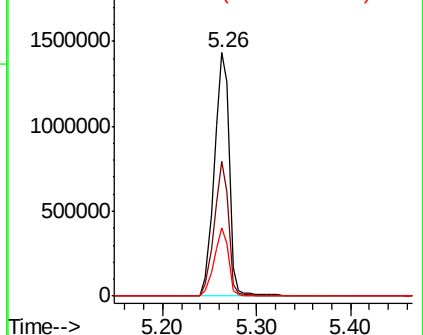
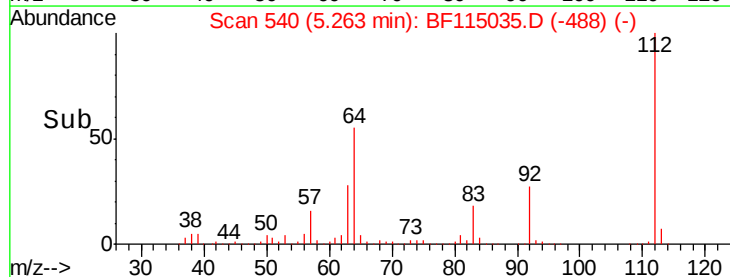
#5

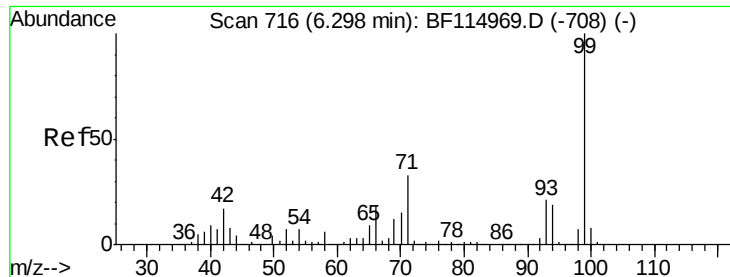
2-Fluorophenol
Concen: 106.508 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115035.D
Acq: 14 Jun 2019 13:10

Tgt Ion:112 Resp: 1626949
Ion Ratio Lower Upper
112 100
64 55.1 41.6 62.4
63 28.3 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: 107.716 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115035.D

Acq: 14 Jun 2019 13:10

Instrument :

BNA_F

ClientSampleId :

PB120572BL

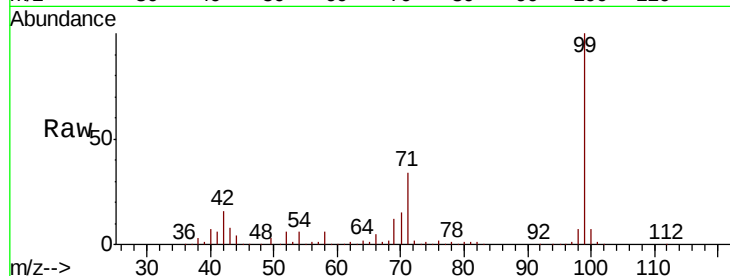
Tot Ion: 99 Resp: 1984822

Ion Ratio Lower Upper

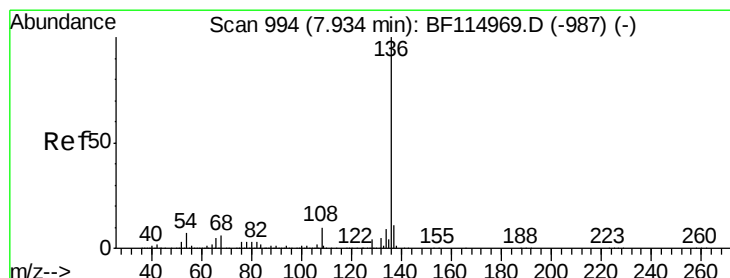
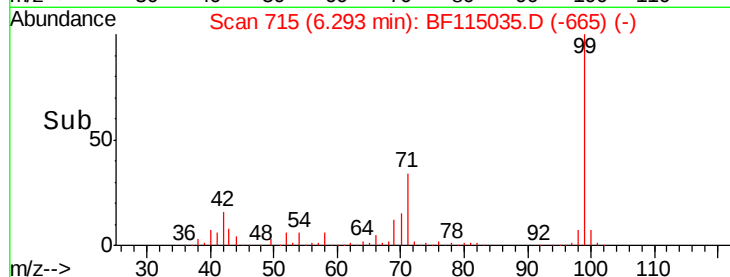
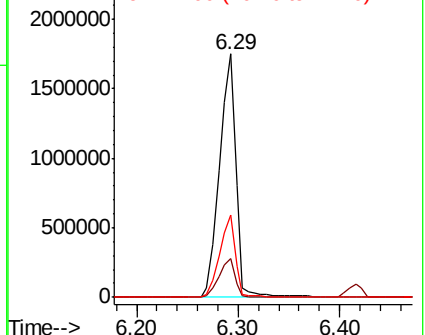
99 100

42 16.0 13.4 20.2

71 33.7 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: BF115035.D

Acq: 14 Jun 2019 13:10

Tgt Ion: 136 Resp: 1014324

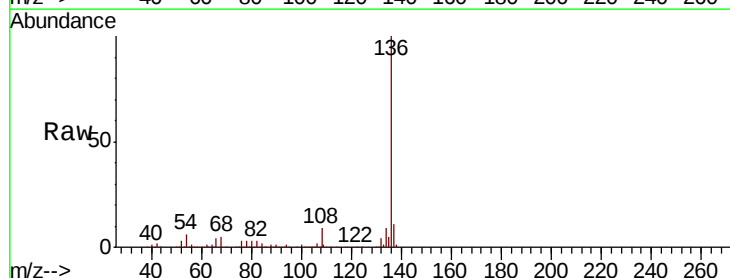
Ion Ratio Lower Upper

136 100

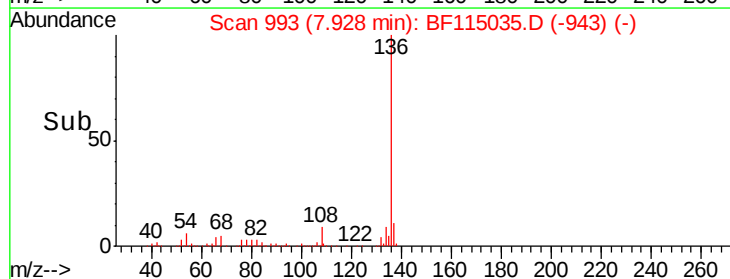
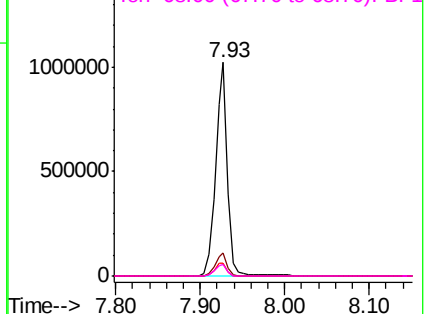
137 11.0 9.0 13.4

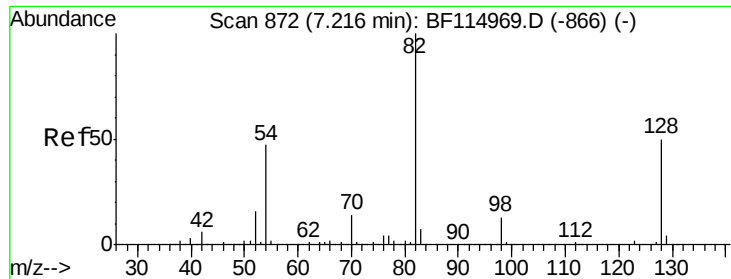
54 6.2 5.4 8.0

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



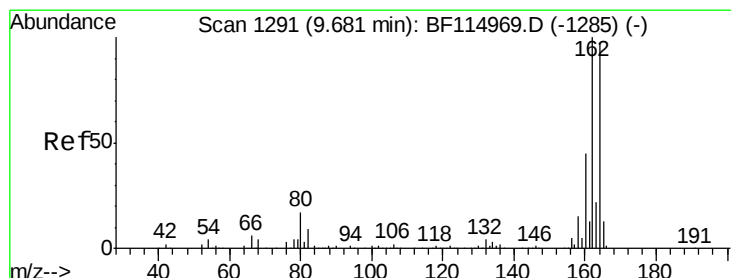
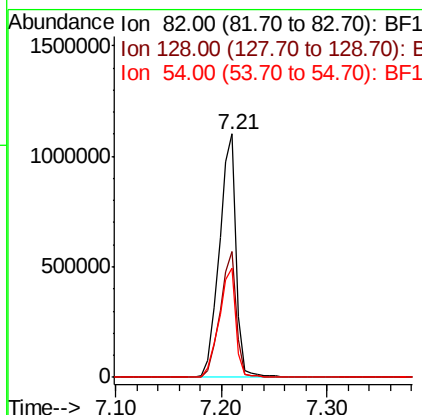
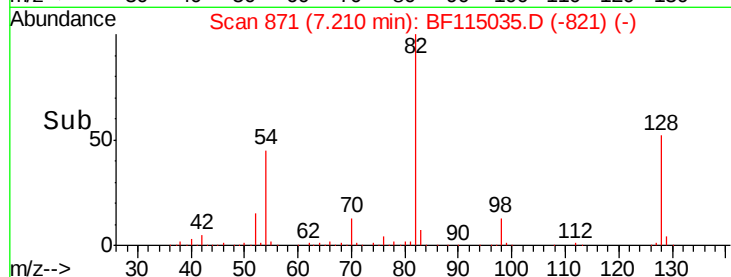
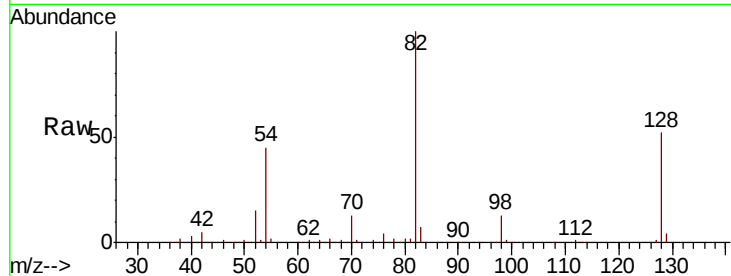


#23
 Nitrobenzene-d5
 Concen: 73.056 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115035.D
 Acq: 14 Jun 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BL

Tot Ion: 82 Resp: 1231092

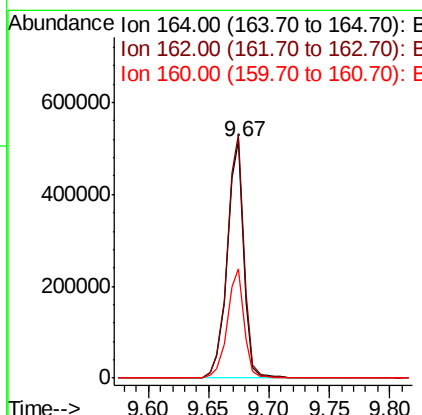
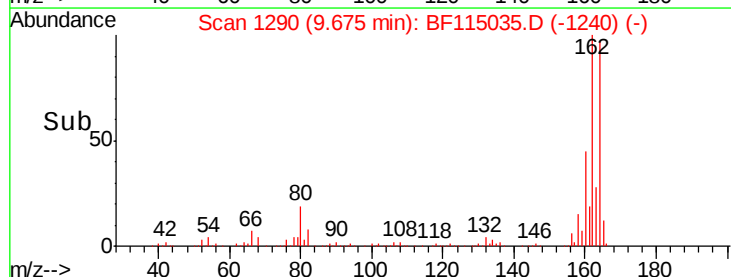
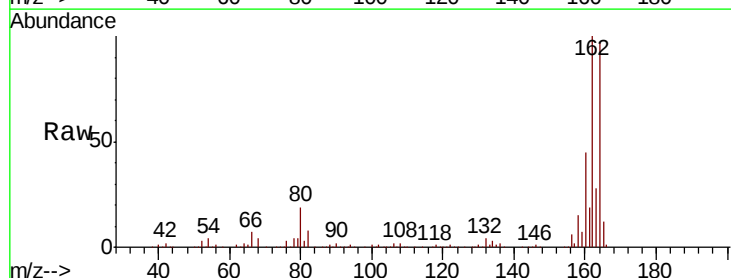
Ion	Ratio	Lower	Upper
82	100		
128	51.9	39.9	59.9
54	44.8	37.3	55.9

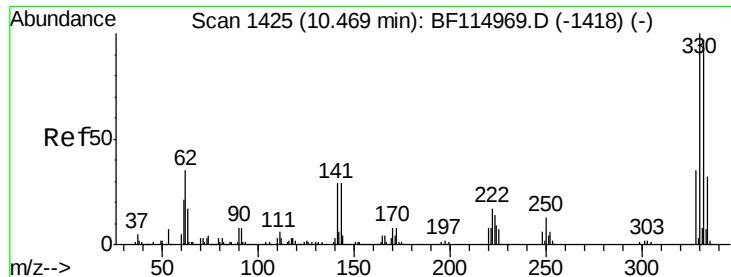


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115035.D
 Acq: 14 Jun 2019 13:10

Tgt Ion:164 Resp: 492054

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	46.2	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 104.342 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115035.D

Acq: 14 Jun 2019 13:10

Instrument :

BNA_F

ClientSampleId :

PB120572BL

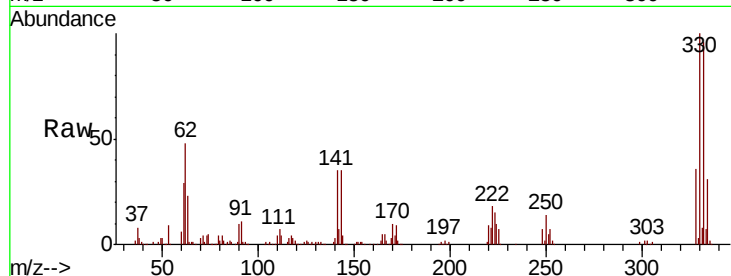
Tot Ion:330 Resp: 549802

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

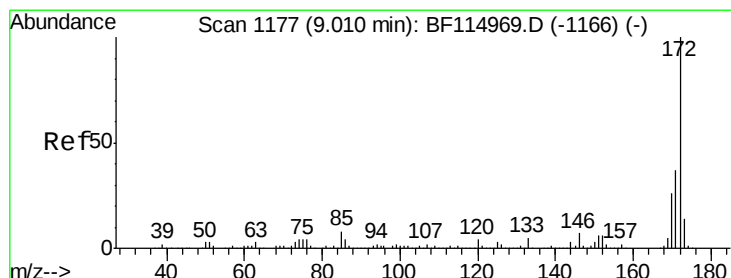
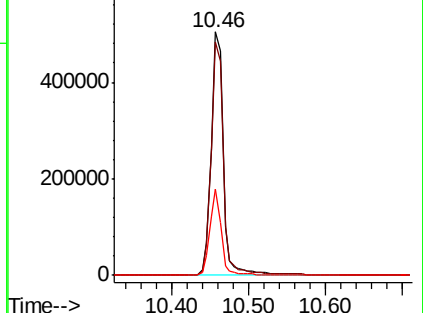
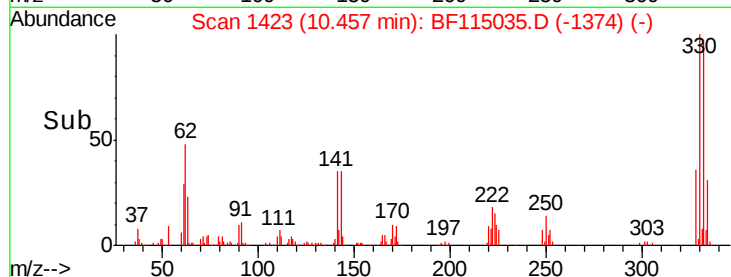
141 33.7 27.2 40.8



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: 82.317 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115035.D

Acq: 14 Jun 2019 13:10

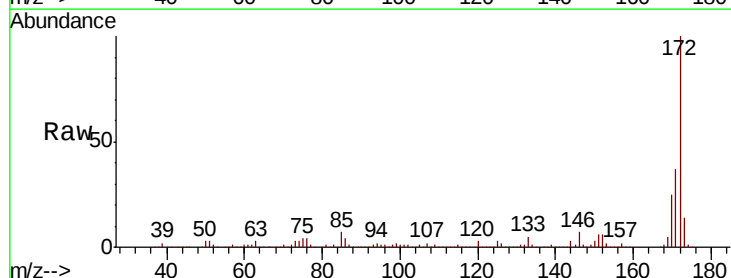
Tgt Ion:172 Resp: 2389881

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

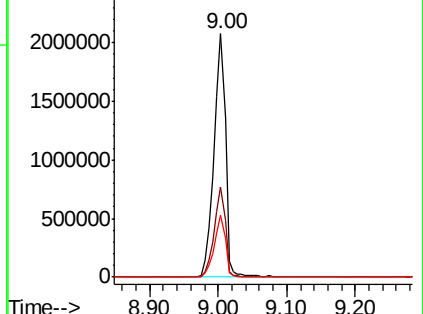
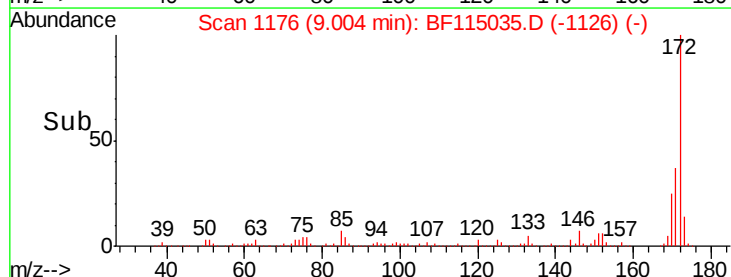
170 25.3 20.6 31.0

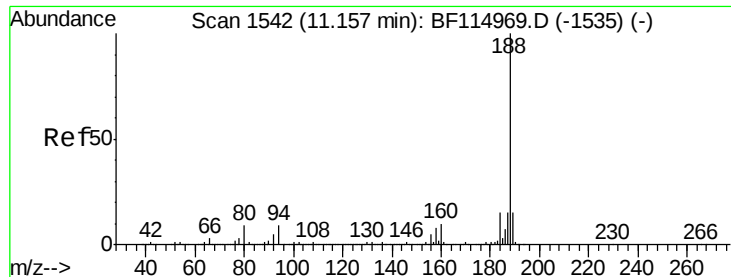


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

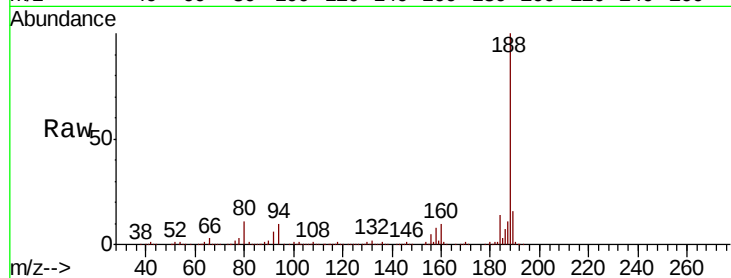




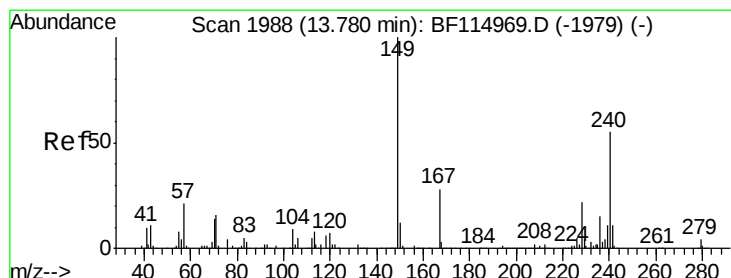
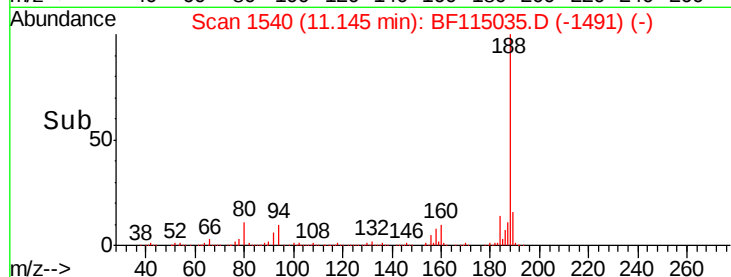
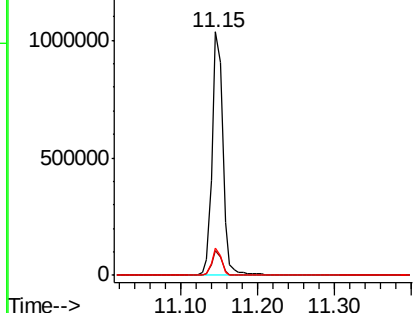
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115035.D
Acq: 14 Jun 2019 13:10

Instrument :
BNA_F
ClientSampled :
PB120572BL

Tot Ion:188 Resp: 984944
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 11.0 7.4 11.2

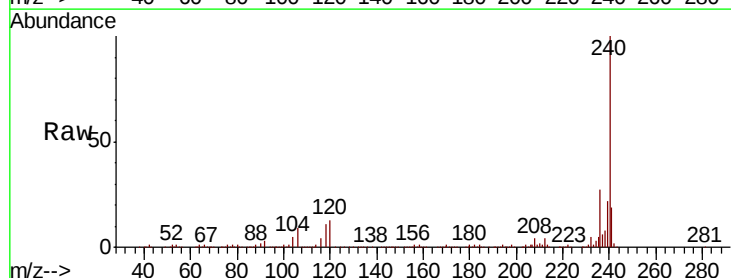


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

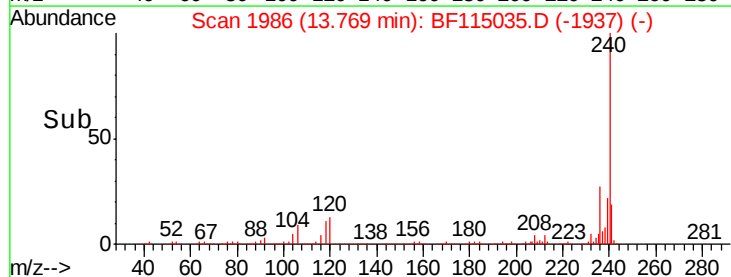
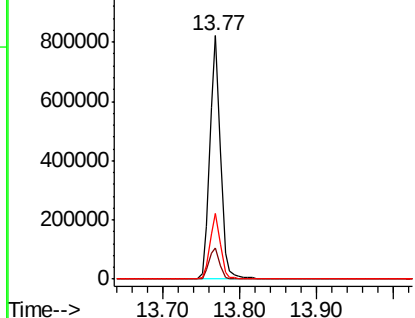


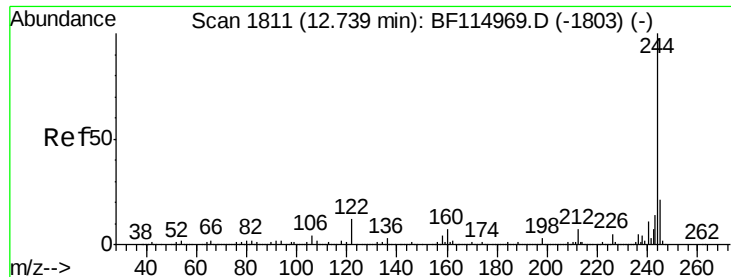
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115035.D
Acq: 14 Jun 2019 13:10

Tgt Ion:240 Resp: 778515
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 26.8 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



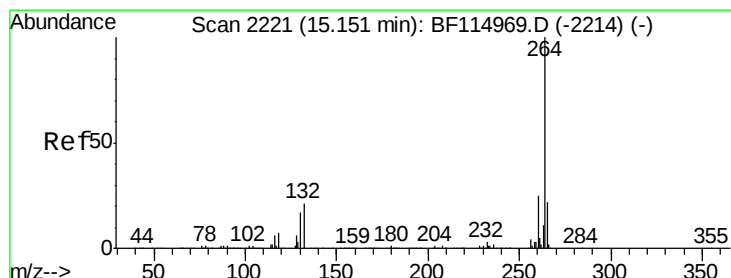
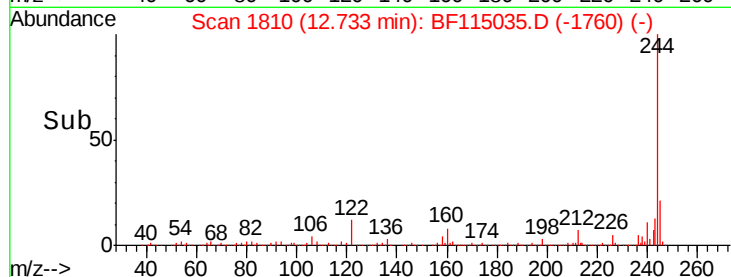
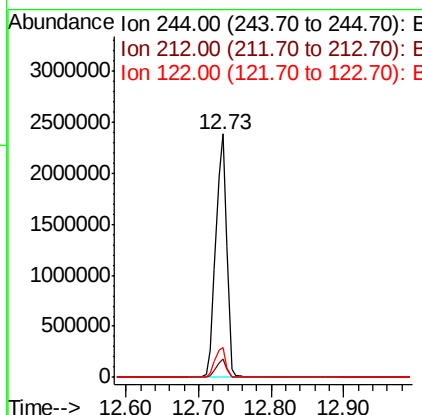
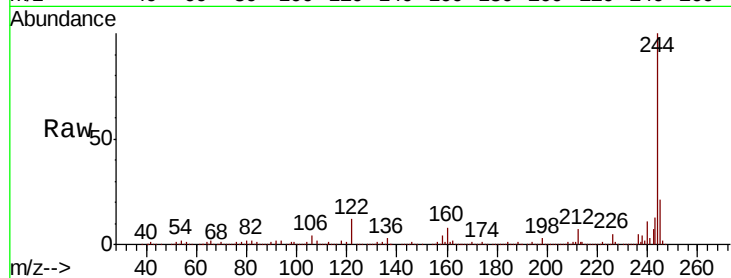


#79
 Terphenyl-d14
 Concen: 61.165 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115035.D
 Acq: 14 Jun 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120572BL

Tot Ion:244 Resp: 2531675

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.5	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: BF115035.D
 Acq: 14 Jun 2019 13:10

Tgt Ion:264 Resp: 748674

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.7	17.6	26.4

