

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116984.D
 Acq On : 12 Sep 2019 11:11
 Operator : HP/JU
 Sample : PB122948BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BL

Quant Time: Sep 12 14:33:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89842	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	354093	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	186736	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	308494	20.00	ng	0.00
76) Chrysene-d12	13.97	240	200898	20.00	ng	0.00
87) Perylene-d12	15.42	264	174031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	679262	122.49	ng	0.02
7) Phenol-d6	6.46	99	903820	124.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	572069	92.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	197331	158.07	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1018390	92.00	ng	0.00
79) Terphenyl-d14	12.92	244	968536	89.19	ng	0.00

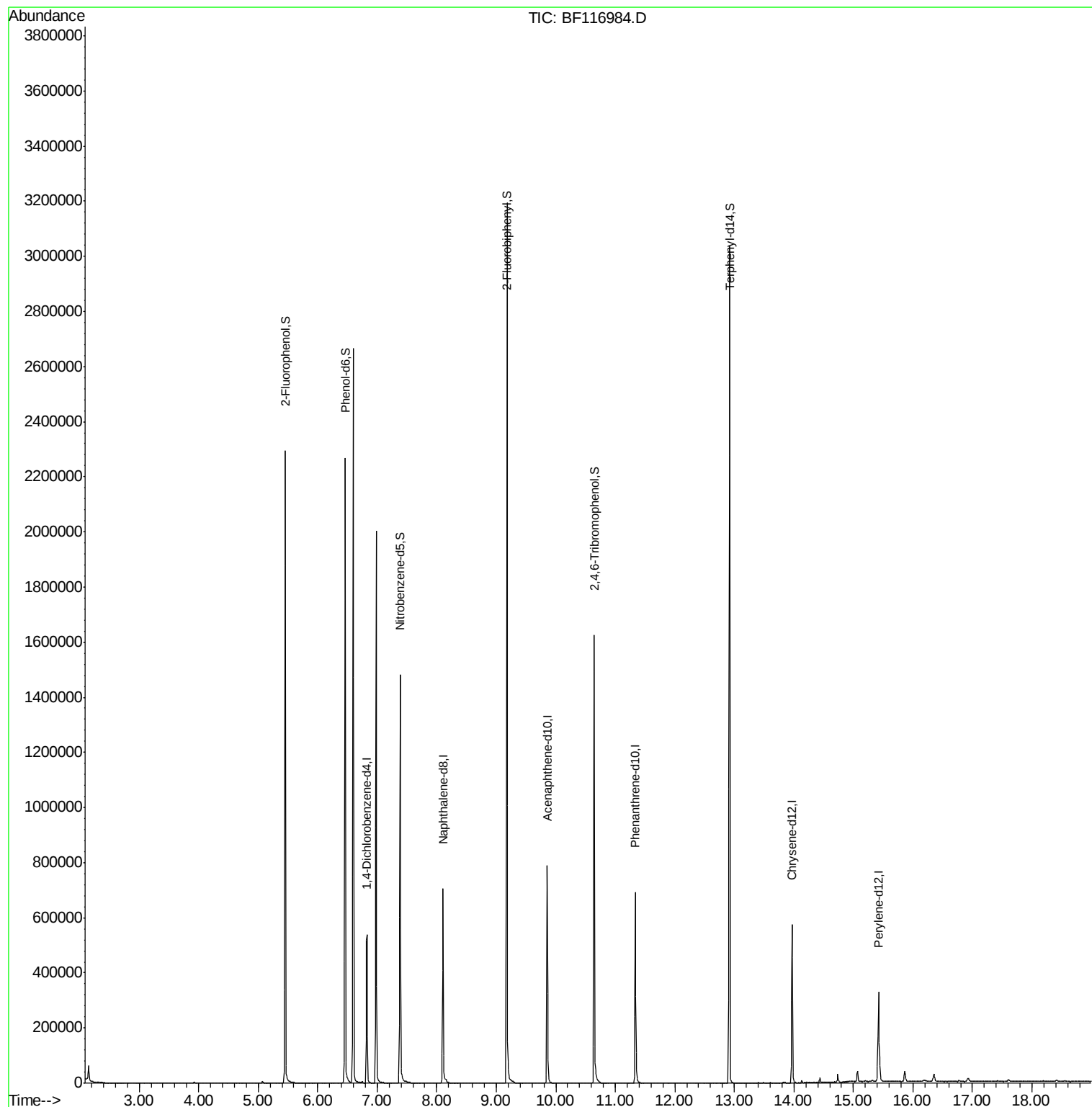
Target Compounds Qvalue

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

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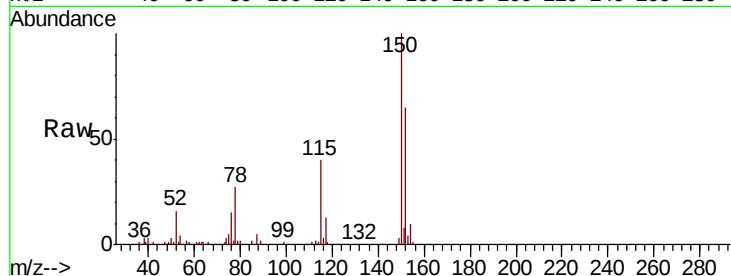


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB122948BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	62.1	50.2	75.2

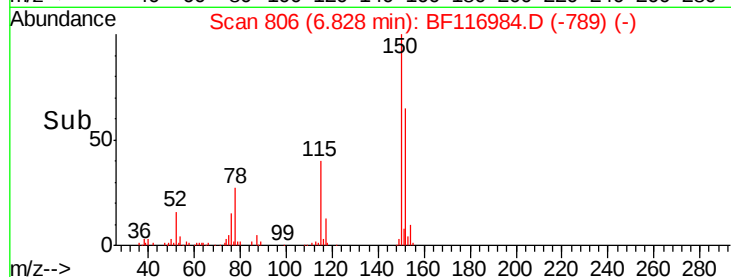
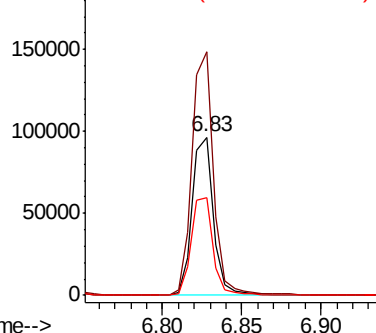


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

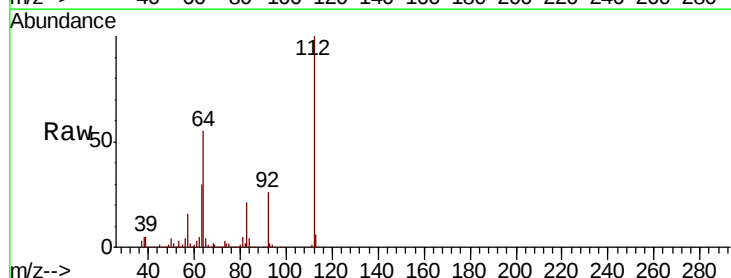
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.486 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116984.D
Acq: 12 Sep 2019 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.1	70.7
63	29.7	25.4	38.0

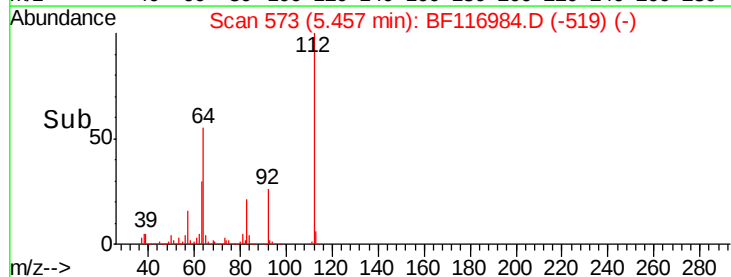
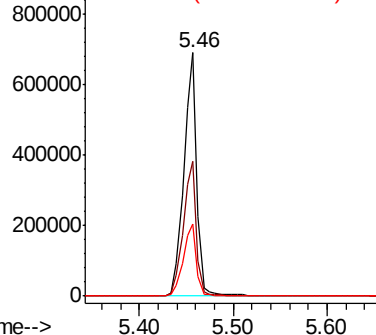


Abundance

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: 124.117 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB122948BL

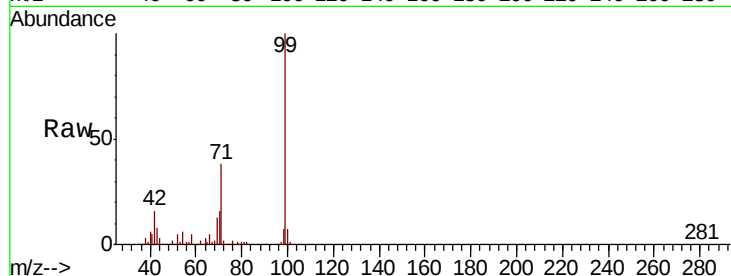
Tot Ion: 99 Resp: 903820

Ion Ratio Lower Upper

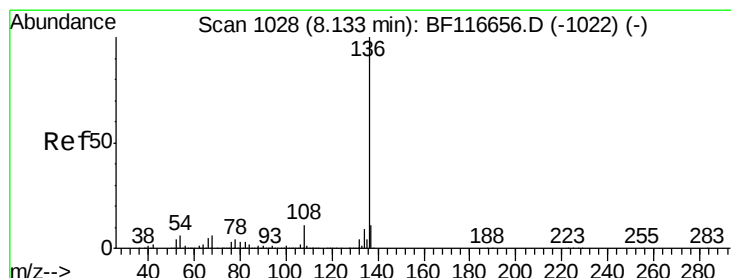
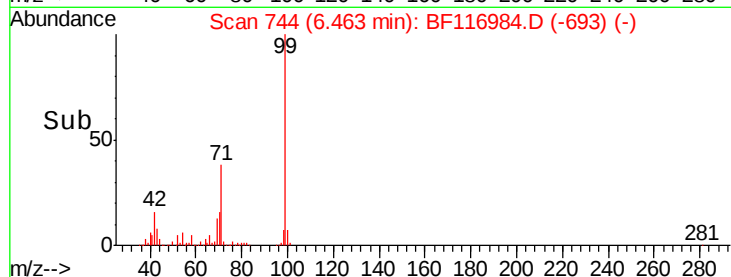
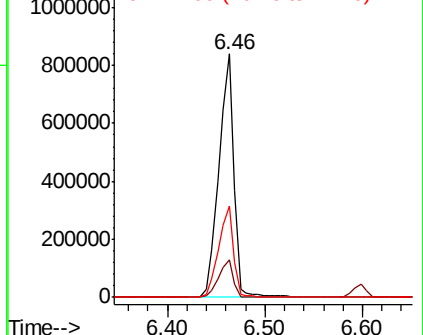
99 100

42 15.6 12.0 18.0

71 37.5 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Tgt Ion: 136 Resp: 354093

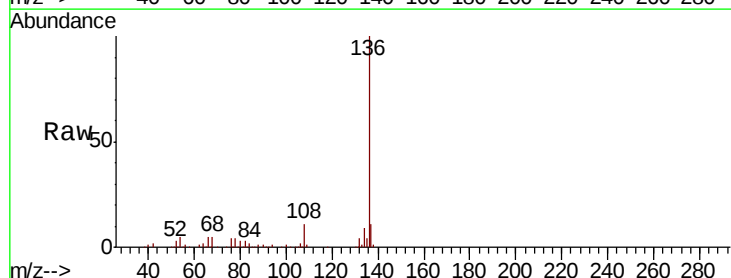
Ion Ratio Lower Upper

136 100

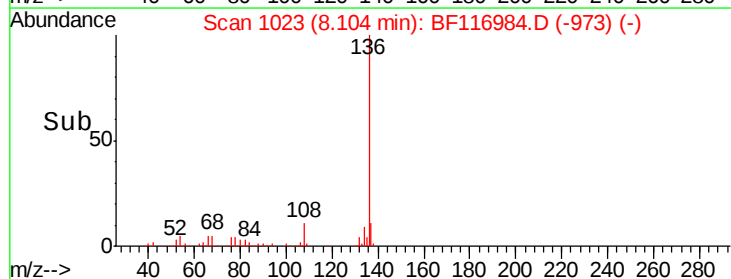
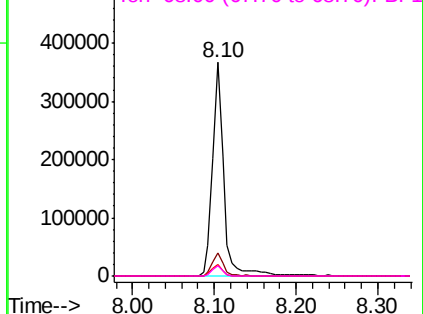
137 10.7 8.5 12.7

54 5.1 3.8 5.8

68 4.6 3.6 5.4



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

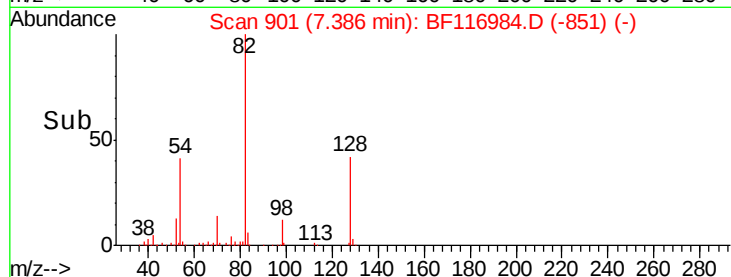
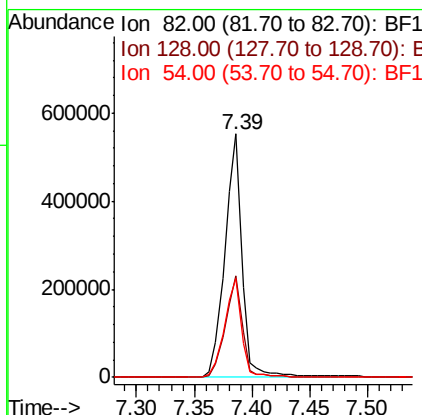
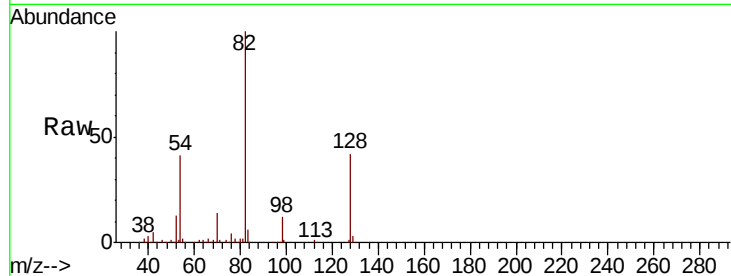




#23
 Nitrobenzene-d5
 Concen: 92.230 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

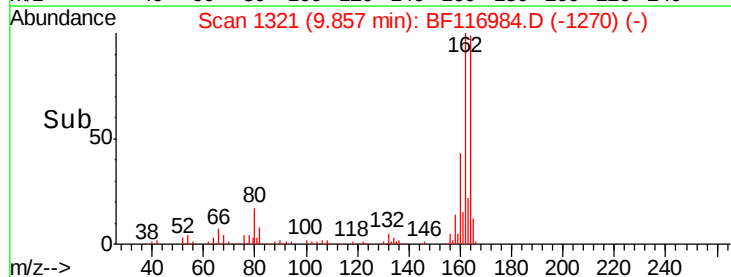
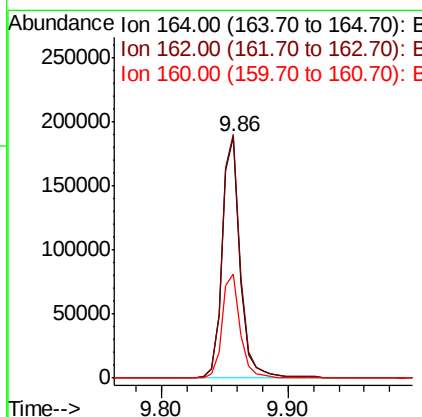
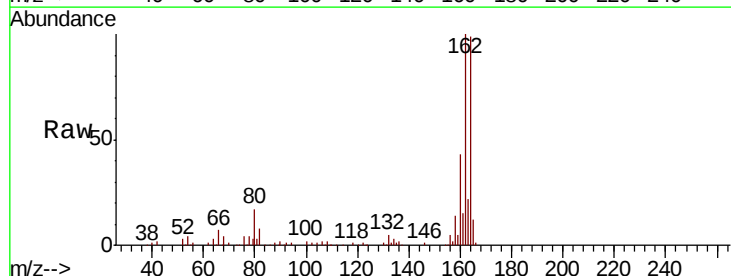
Instrument :
 BNA_F
 ClientSampleId :
 PB122948BL

Tot Ion	82	Resp	572069
Ion Ratio	Lower	Upper	
82	100		
128	41.5	35.0	52.4
54	40.6	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Tgt Ion	164	Resp	186736
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.8	122.6
160	43.0	35.7	53.5

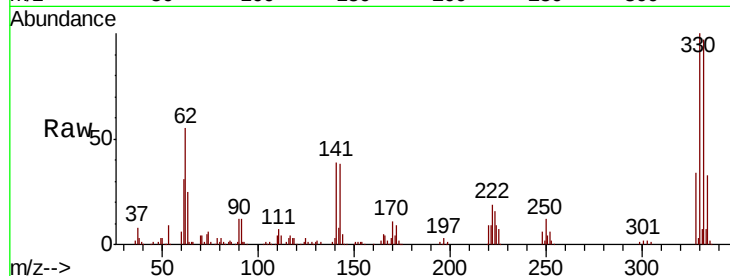




#42
 2,4,6-Tribromophenol
 Concen: 158.071 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.9	113.9
141	44.1	35.6	53.4

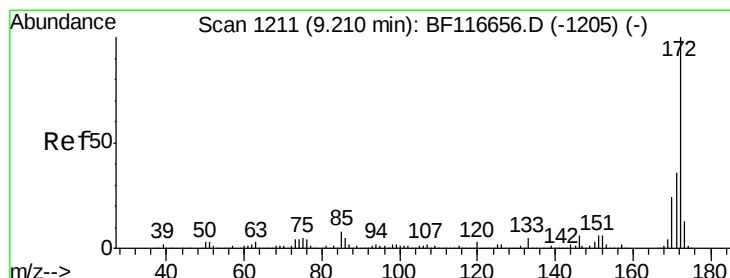
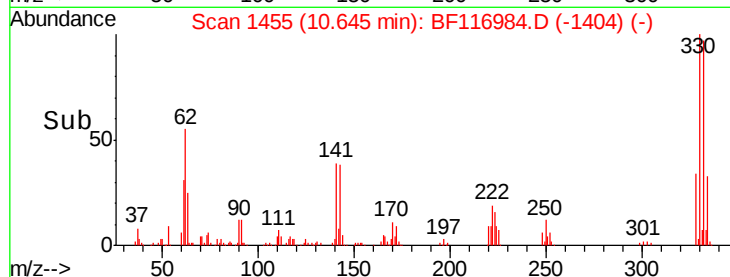
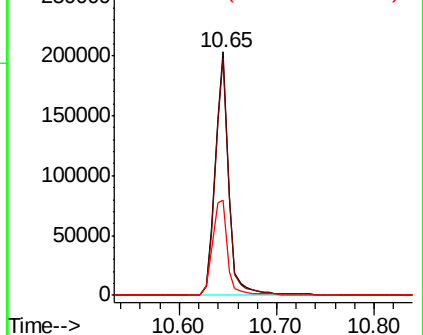


Abundance

Ion 329.80 (329.50 to 330.50): E

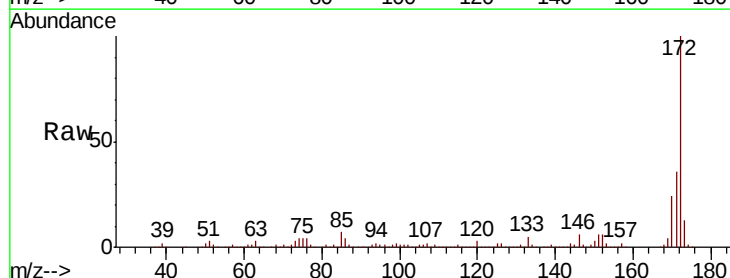
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.997 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.0	19.2	28.8

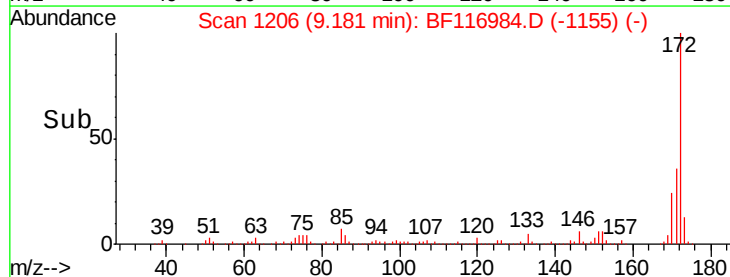
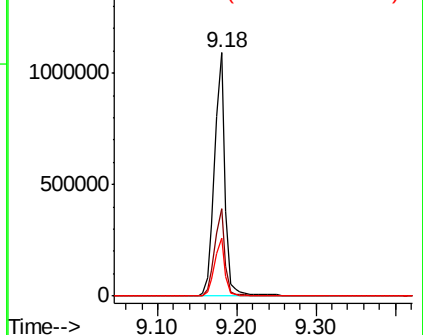


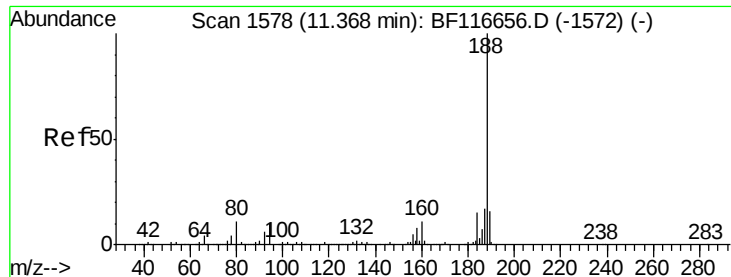
Abundance

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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB122948BL

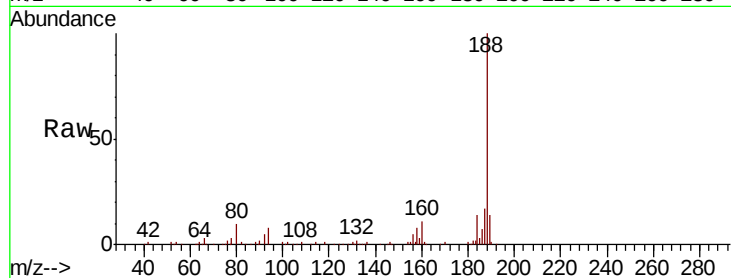
Tot Ion:188 Resp: 308494

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

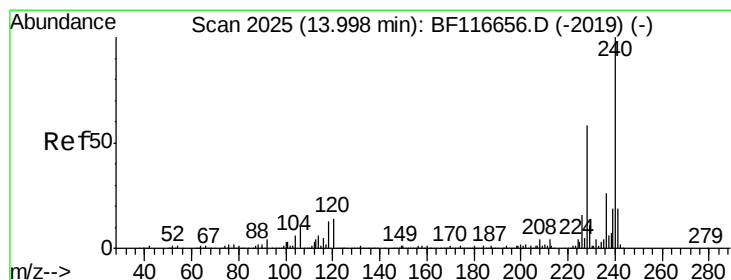
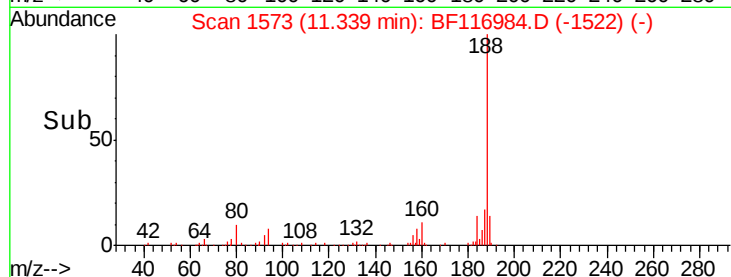
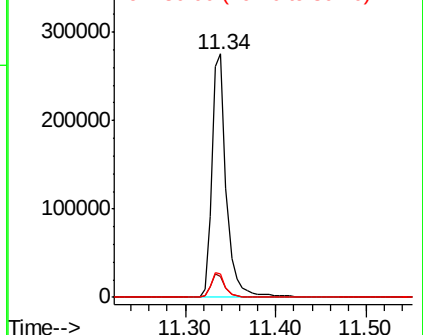
80 9.5 8.5 12.7



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116984.D

Acq: 12 Sep 2019 11:11

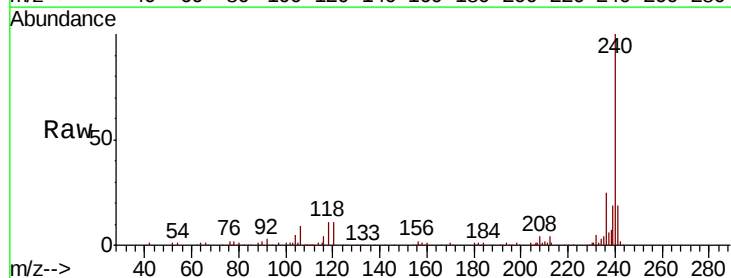
Tgt Ion:240 Resp: 200898

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

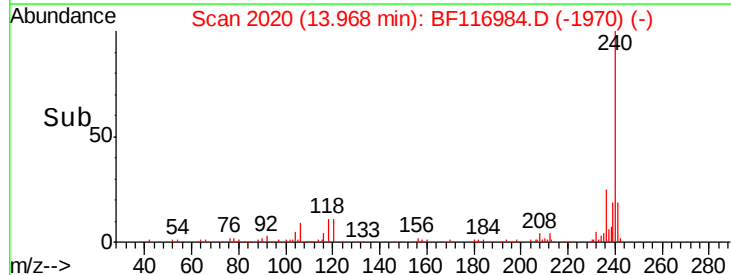
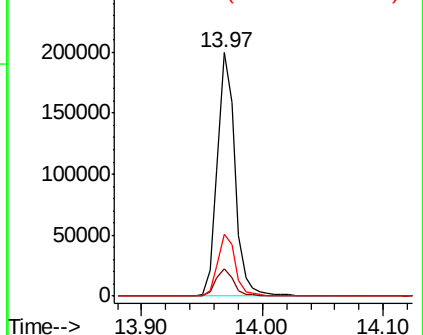
236 25.3 20.9 31.3

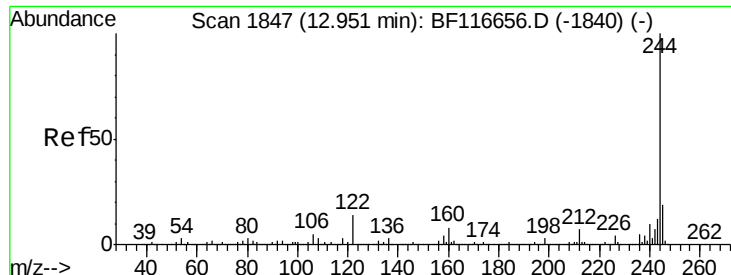


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

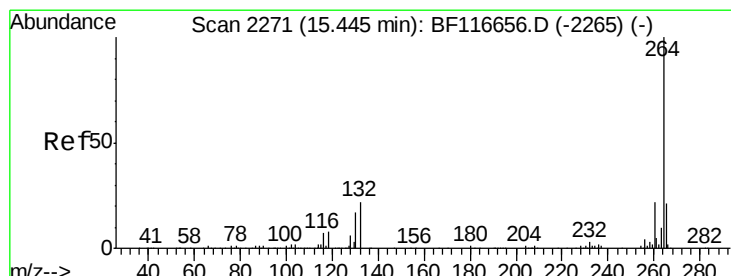
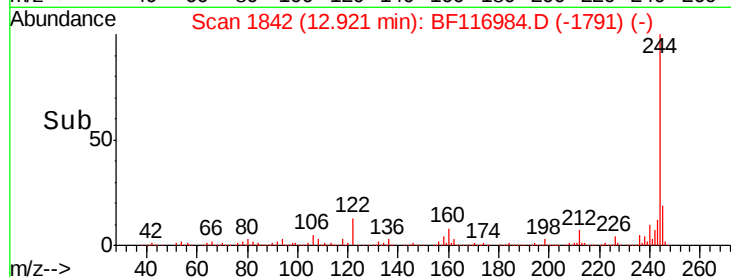
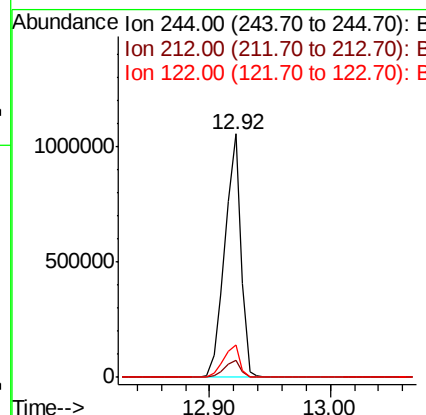
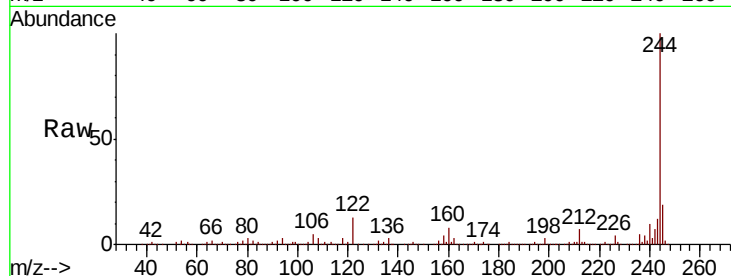




#79
 Terphenyl-d14
 Concen: 89.186 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB122948BL

Tot Ion:244 Resp: 968536
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.1 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF116984.D
 Acq: 12 Sep 2019 11:11

Tgt Ion:264 Resp: 174031
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.0 17.9 26.9

