

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116985.D
 Acq On : 12 Sep 2019 11:37
 Operator : HP/JU
 Sample : PB122992BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122992BL

Quant Time: Sep 13 15:33:14 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	95476	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	374898	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	200944	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	327290	20.00	ng	0.00
76) Chrysene-d12	13.97	240	222542	20.00	ng	0.00
87) Perylene-d12	15.42	264	183796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	701481	119.03	ng	0.02
7) Phenol-d6	6.46	99	931829	120.41	ng	0.00
23) Nitrobenzene-d5	7.39	82	592746	90.26	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	200871	149.53	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1054708	88.54	ng	0.00
79) Terphenyl-d14	12.92	244	996182	82.81	ng	0.00

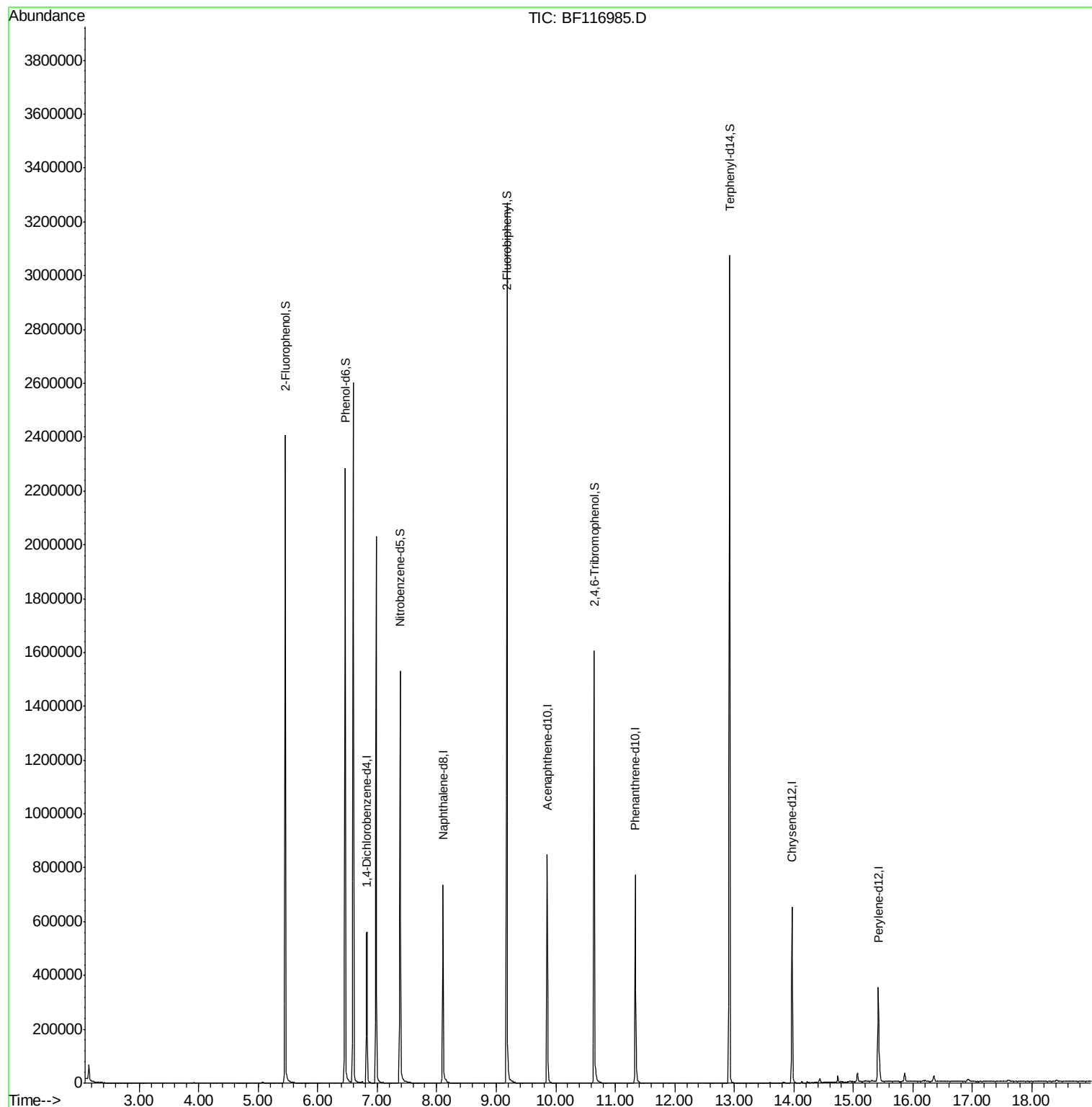
Target Compounds Qvalue

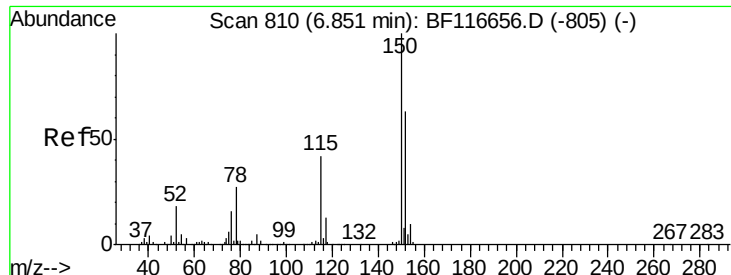
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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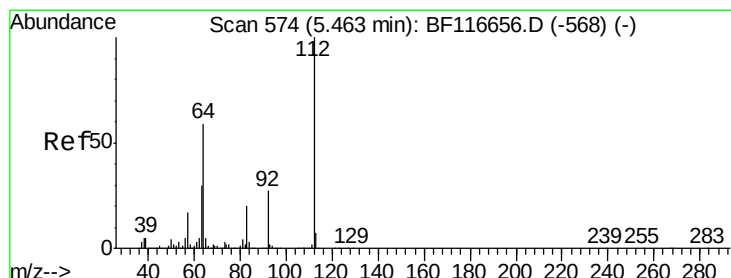
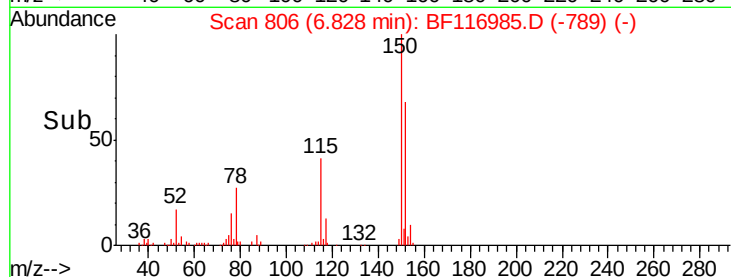
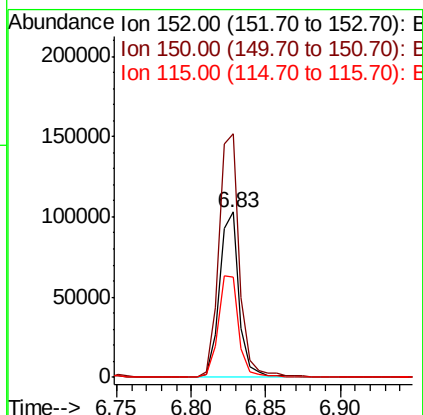
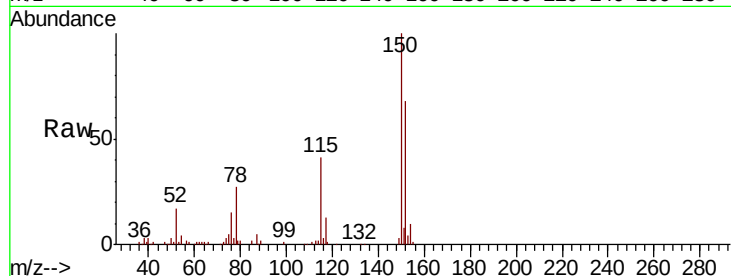


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116985.D
Acq: 12 Sep 2019 11:37

Instrument :
BNA_F
ClientSampleId :
PB122992BL

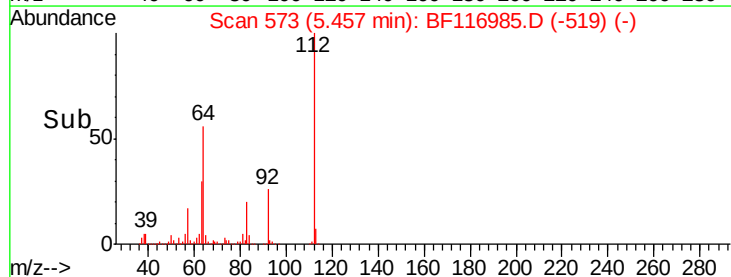
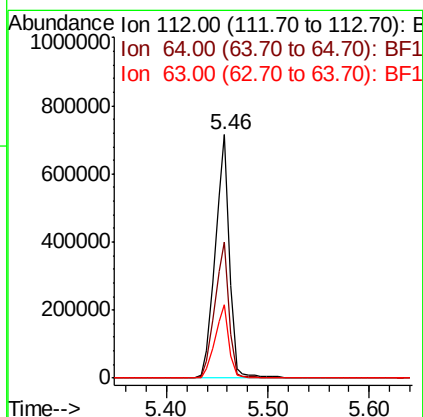
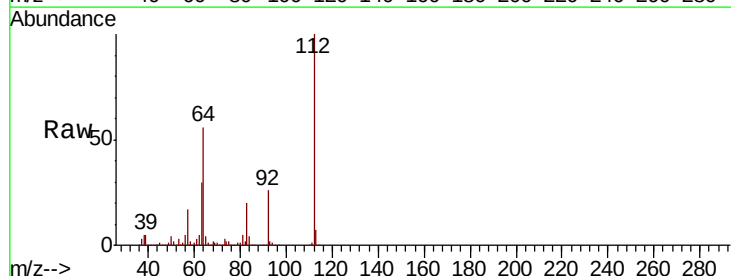
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.2	189.2
115	61.0	50.2	75.2

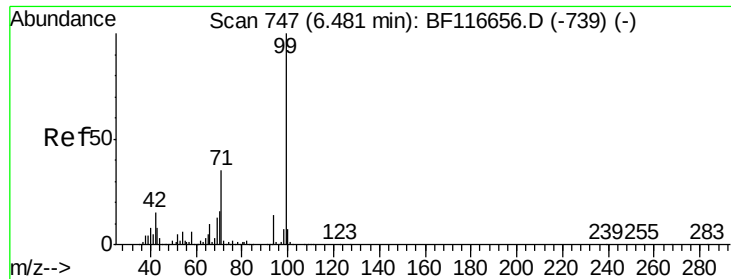


#5

2-Fluorophenol
Concen: 119.029 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116985.D
Acq: 12 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.1	70.7
63	30.3	25.4	38.0





#7

Phenol-d6

Concen: 120.412 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116985.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_F

ClientSampled :

PB122992BL

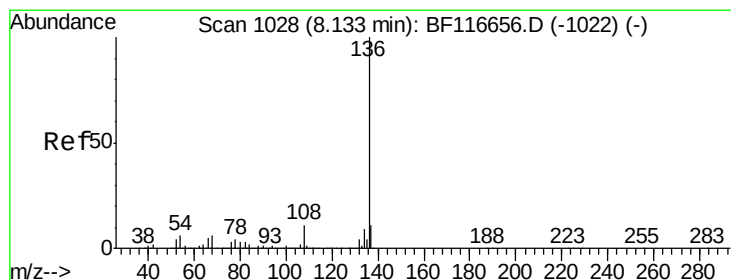
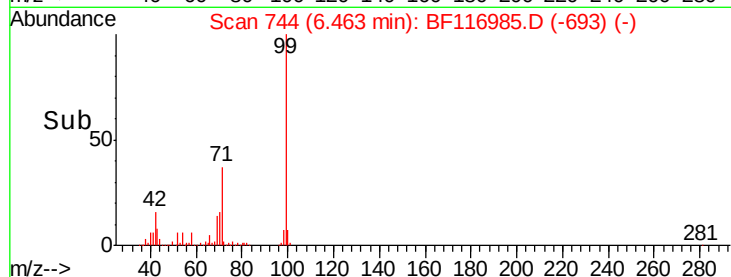
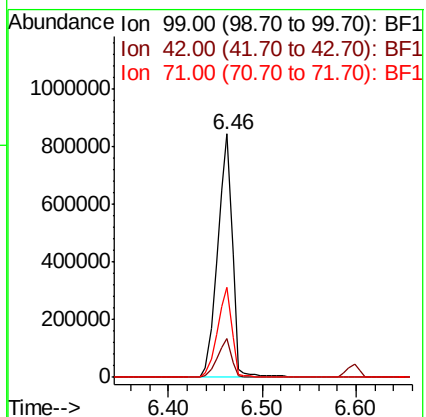
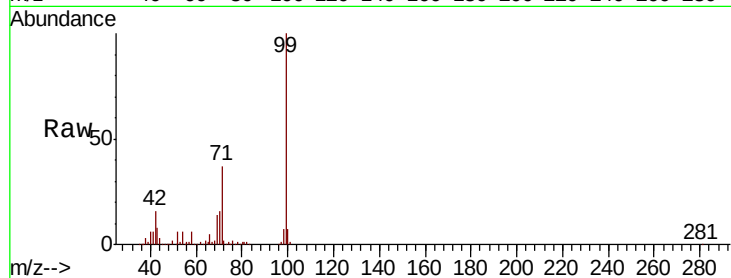
Tot Ion: 99 Resp: 931829

Ion Ratio Lower Upper

99 100

42 16.0 12.0 18.0

71 36.8 29.7 44.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF116985.D

Acq: 12 Sep 2019 11:37

Tgt Ion: 136 Resp: 374898

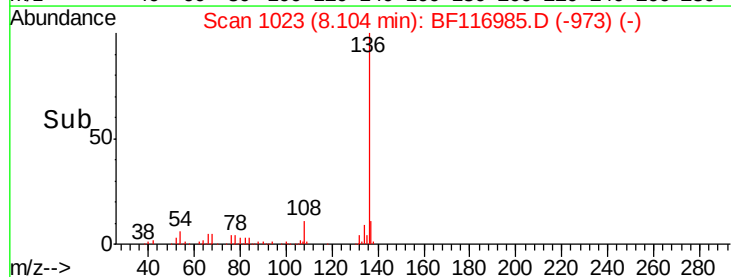
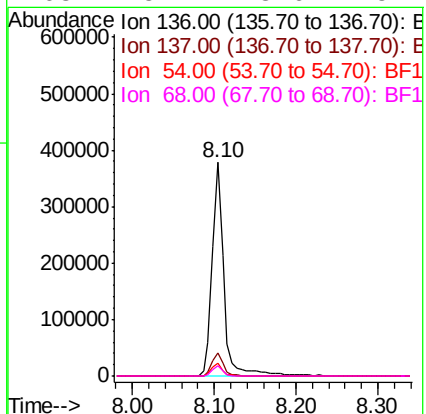
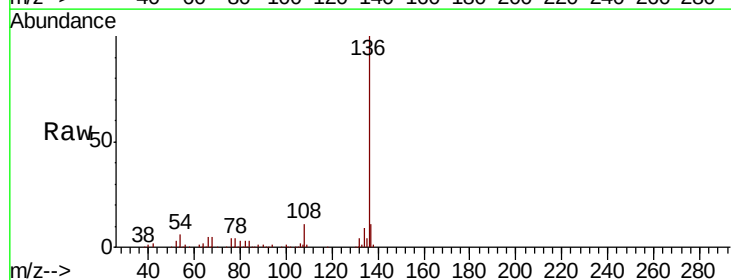
Ion Ratio Lower Upper

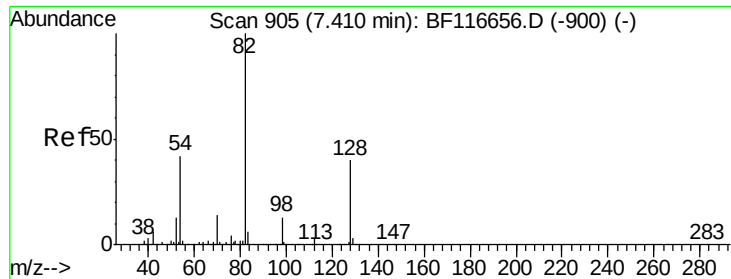
136 100

137 10.6 8.5 12.7

54 5.7 3.8 5.8

68 5.1 3.6 5.4

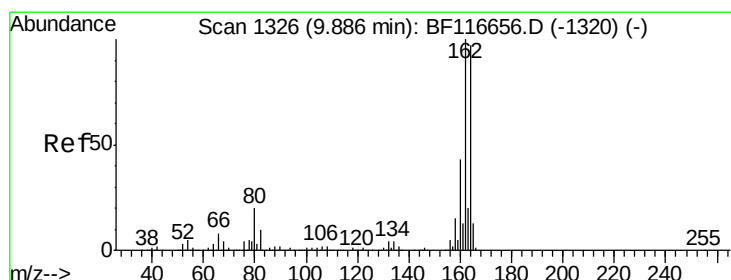
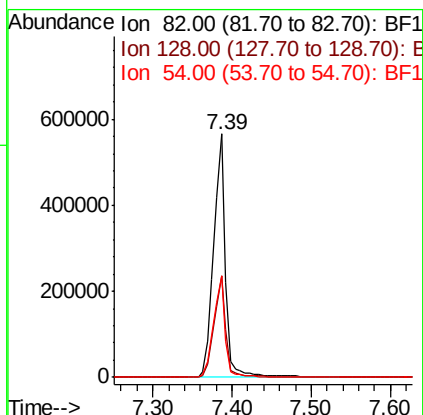
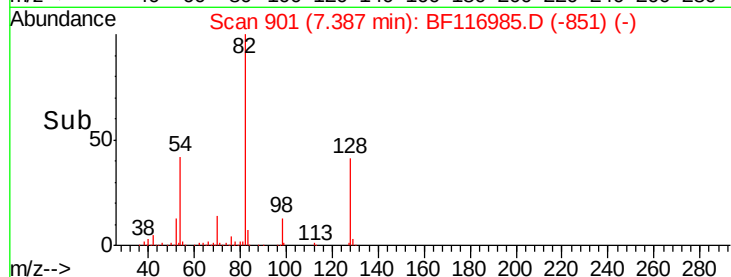
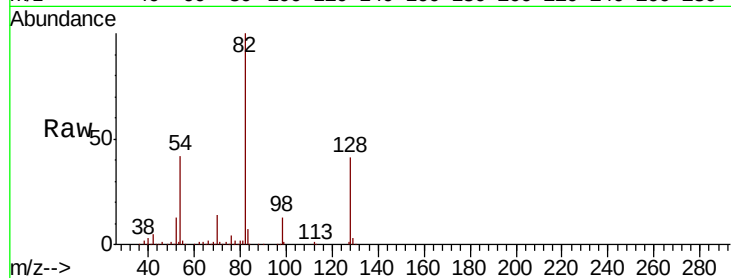




#23
 Nitrobenzene-d5
 Concen: 90.260 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116985.D
 Acq: 12 Sep 2019 11:37

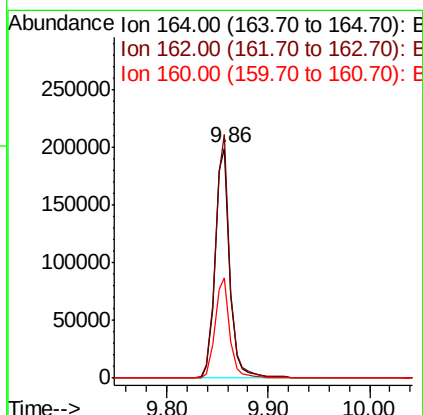
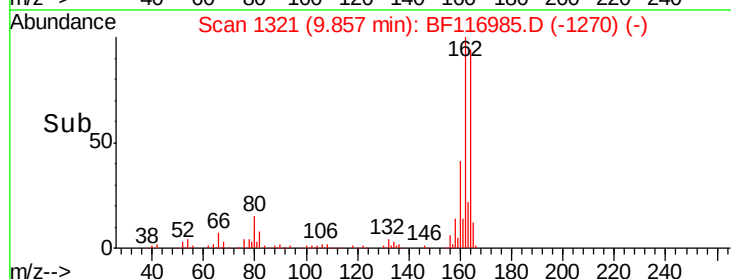
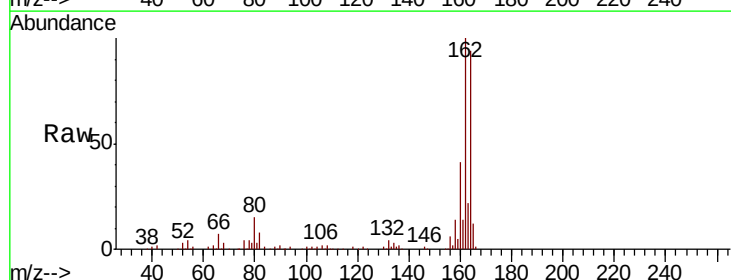
Instrument :
 BNA_F
 ClientSampleId :
 PB122992BL

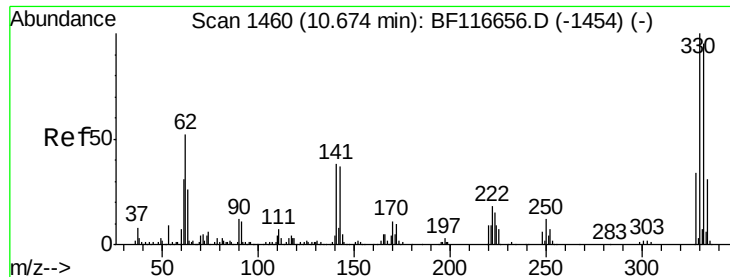
Tot Ion	82	Resp	592746
Ion Ratio	100	Lower	Upper
128	41.5	35.0	52.4
54	41.7	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF116985.D
 Acq: 12 Sep 2019 11:37

Tgt Ion	164	Resp	200944
Ion Ratio	100	Lower	Upper
162	106.1	81.8	122.6
160	43.8	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 149.530 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF116985.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_F

ClientSampleId :

PB122992BL

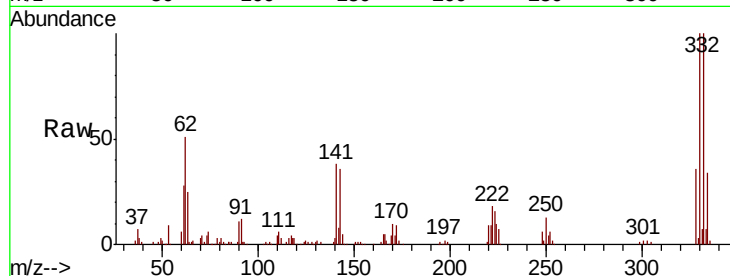
Tot Ion:330 Resp: 200871

Ion Ratio Lower Upper

330 100

332 96.7 75.9 113.9

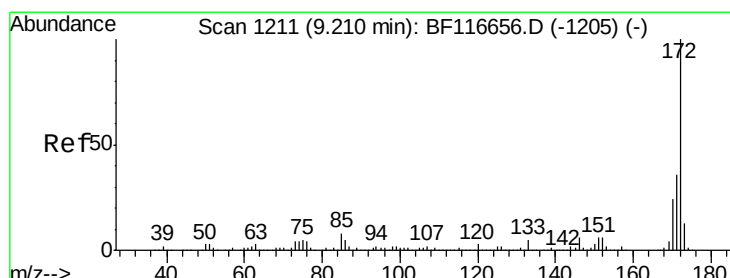
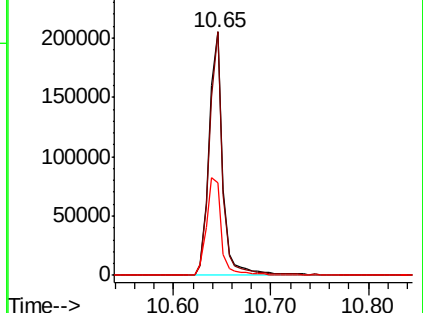
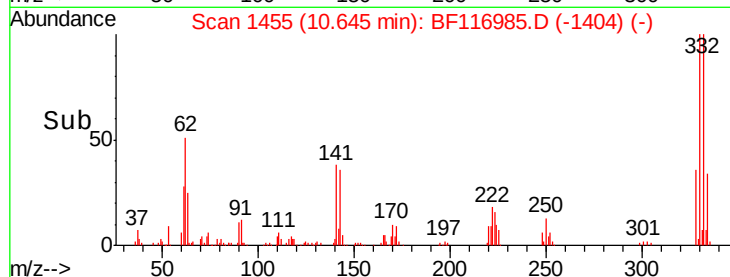
141 43.9 35.6 53.4



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: 88.541 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF116985.D

Acq: 12 Sep 2019 11:37

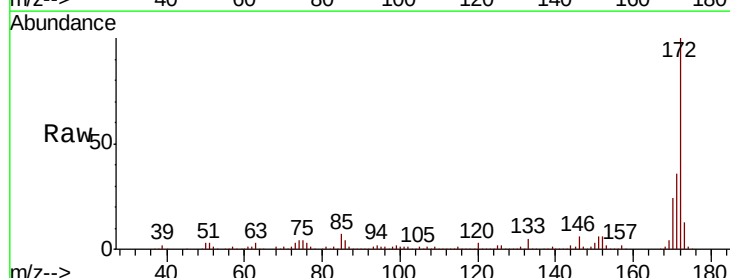
Tgt Ion:172 Resp: 1054708

Ion Ratio Lower Upper

172 100

171 36.1 29.1 43.7

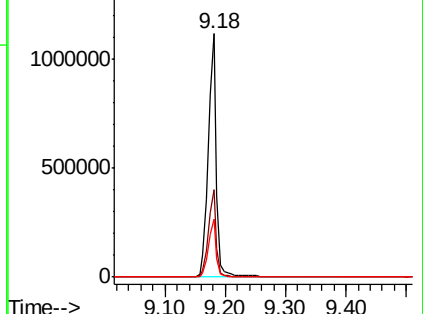
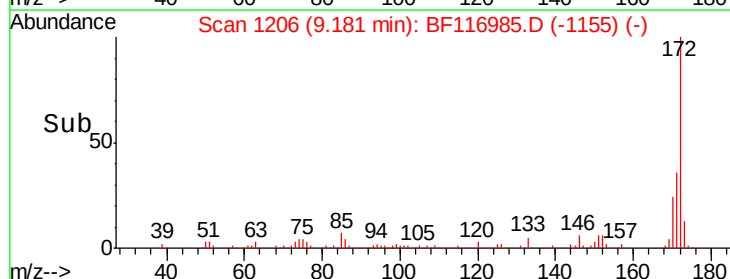
170 23.6 19.2 28.8

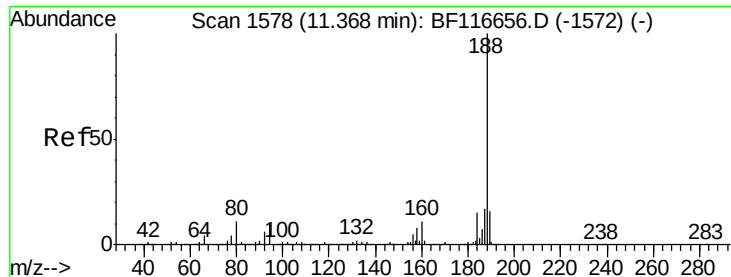


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

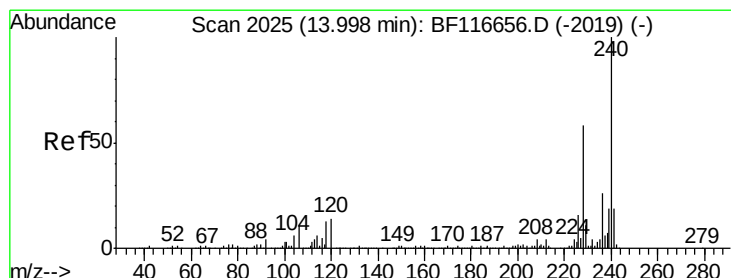
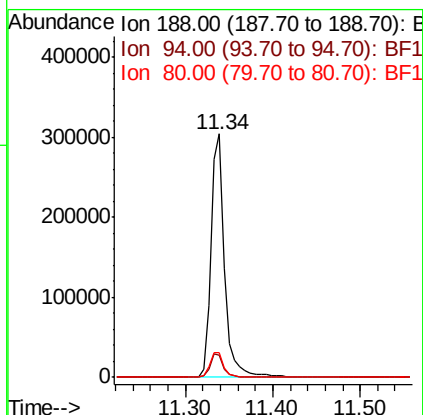
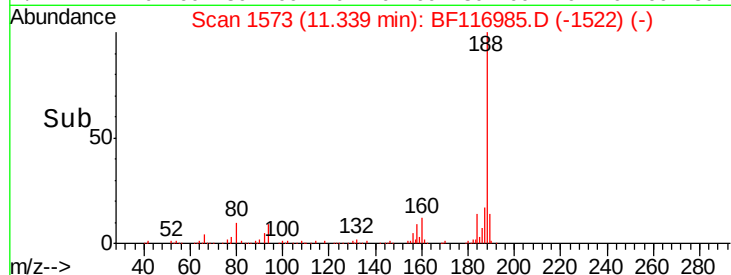
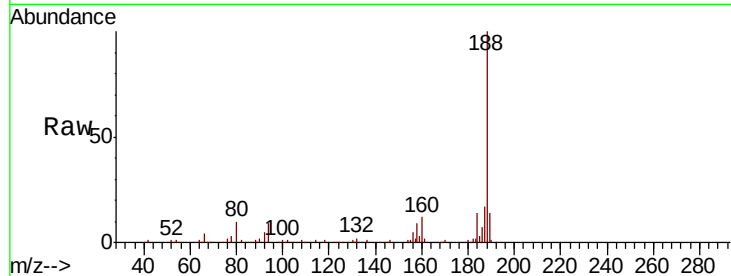




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF116985.D
Acq: 12 Sep 2019 11:37

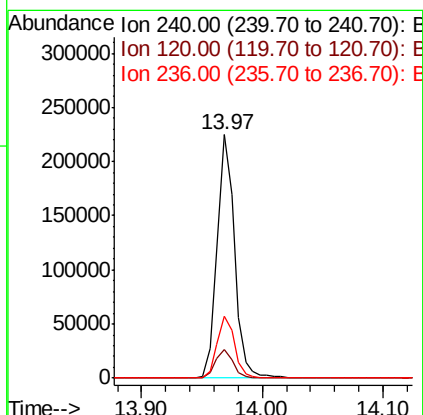
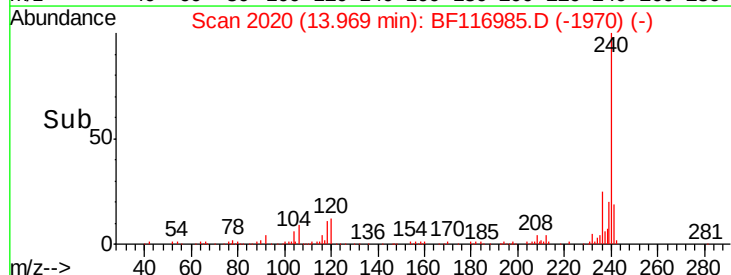
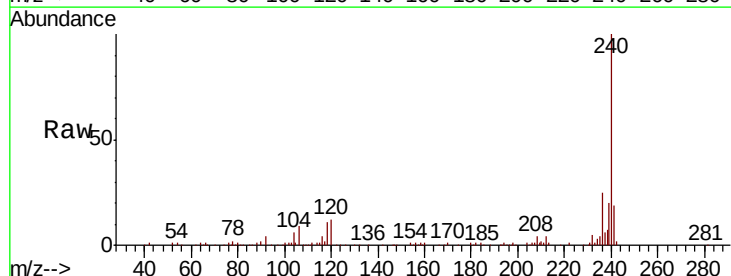
Instrument :
BNA_F
ClientSampleId :
PB122992BL

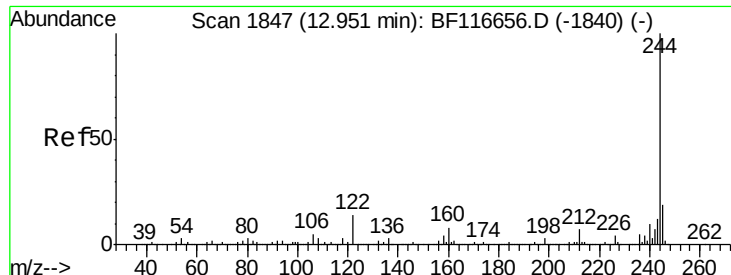
Tot Ion:188 Resp: 327290
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116985.D
Acq: 12 Sep 2019 11:37

Tgt Ion:240 Resp: 222542
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 25.2 20.9 31.3

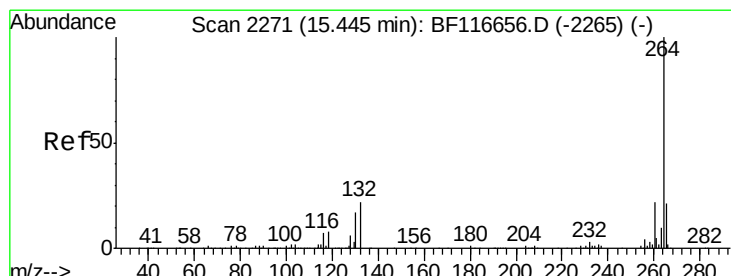
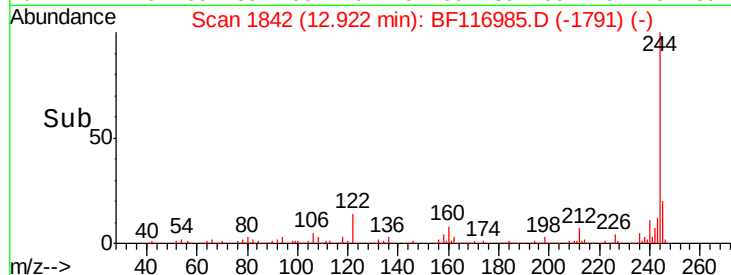
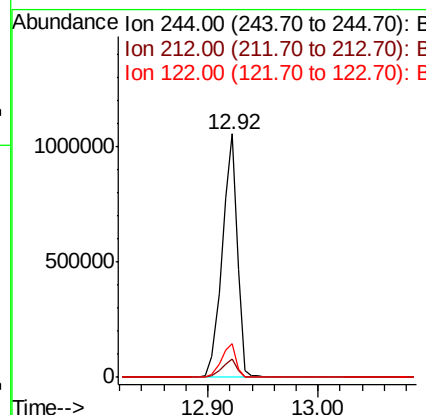
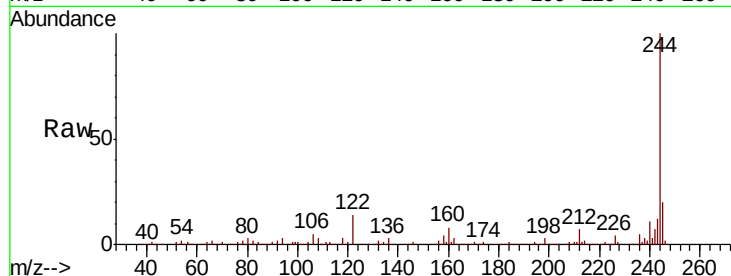




#79
 Terphenyl-d14
 Concen: 82.810 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF116985.D
 Acq: 12 Sep 2019 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB122992BL

Tot Ion:244 Resp: 996182
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 13.9 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF116985.D
 Acq: 12 Sep 2019 11:37

Tgt Ion:264 Resp: 183796
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 22.4 17.9 26.9

