

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115746.D
 Acq On : 24 Jul 2019 11:37
 Operator : HP/JU
 Sample : PB121660TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121660TB

Quant Time: Jul 24 16:54:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184053	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	729040	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	407686	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	734298	20.00	ng	0.00
76) Chrysene-d12	14.03	240	516433	20.00	ng	-0.01
87) Perylene-d12	15.50	264	460326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1297304	115.29	ng	0.00
7) Phenol-d6	6.51	99	1694777	118.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	1105547	88.18	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	531357	111.66	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2002804	85.98	ng	0.00
79) Terphenyl-d14	12.98	244	2291420	81.87	ng	0.00

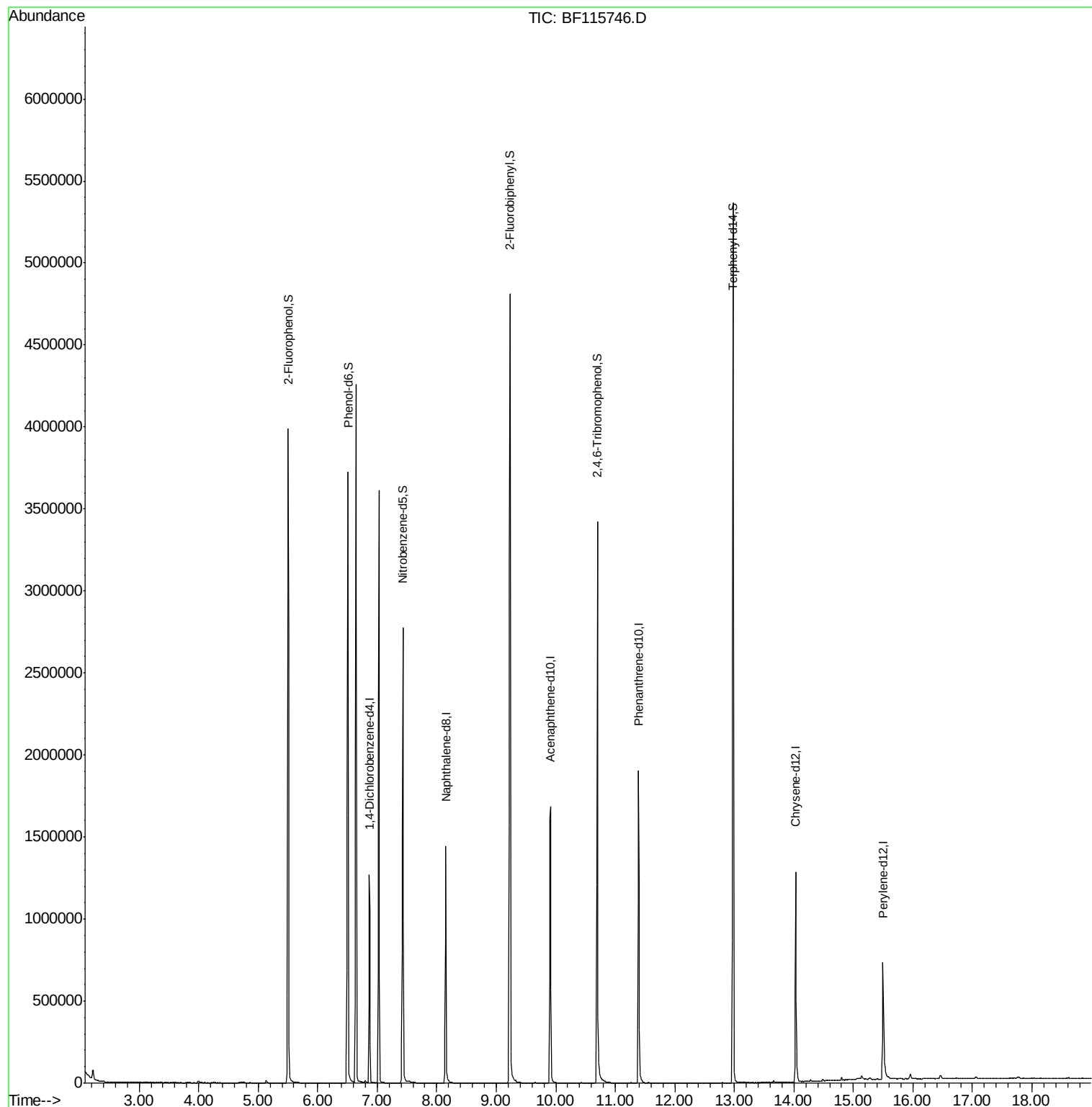
Target Compounds Qvalue

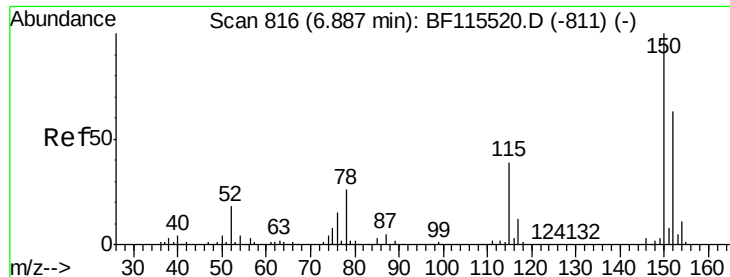
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115746.D
Acq On : 24 Jul 2019 11:37
Operator : HP/JU
Sample : PB121660TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121660TB

Quant Time: Jul 24 16:54:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

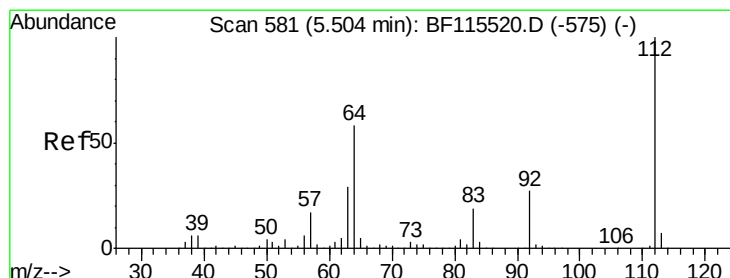
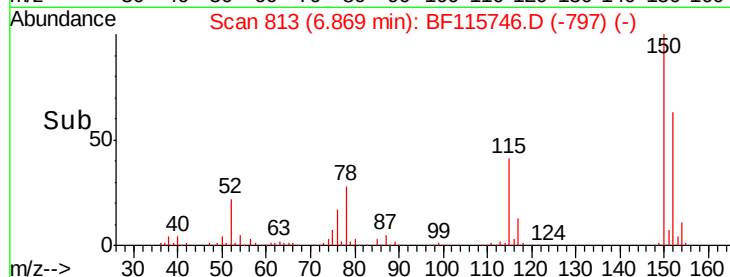
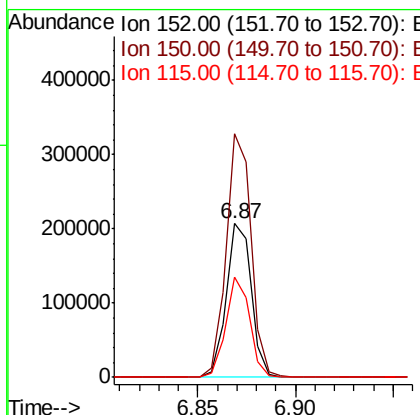
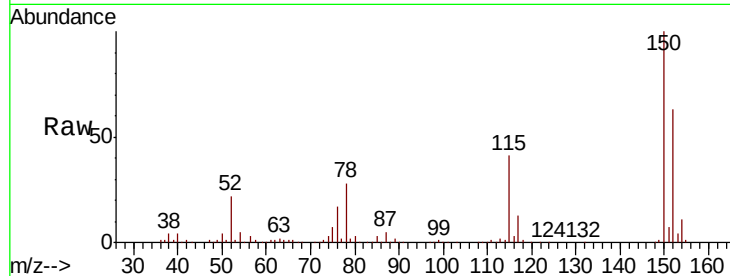




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

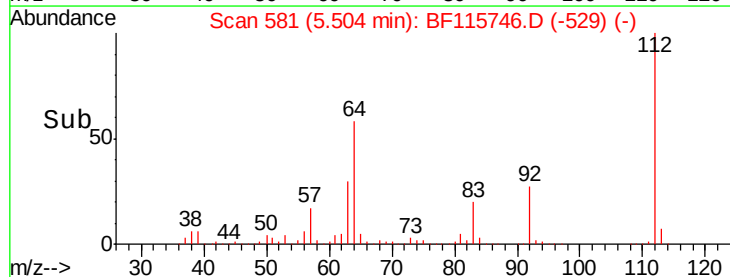
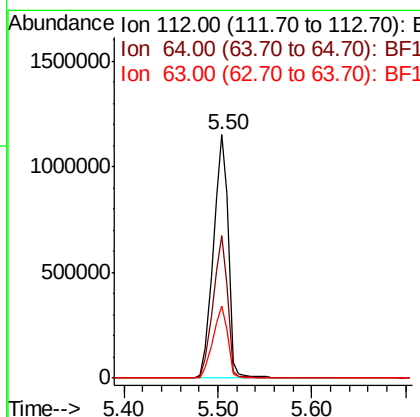
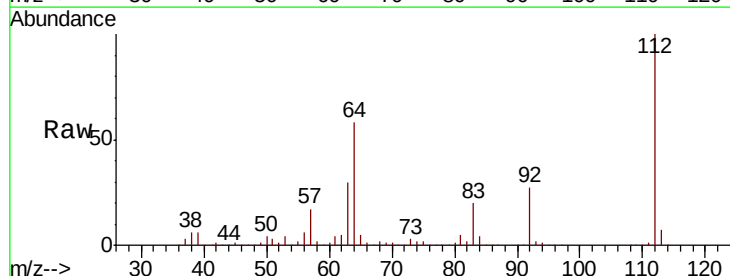
Instrument :
 BNA_F
 ClientSampleId :
 PB121660TB

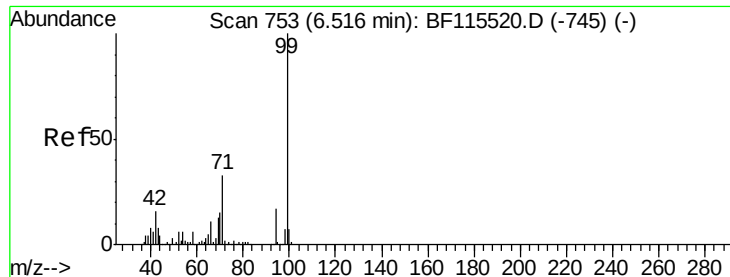
Tot Ion:152 Resp: 184053
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.8 184.2
 115 65.1 48.2 72.2



#5
 2-Fluorophenol
 Concen: 115.294 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF115746.D
 Acq: 24 Jul 2019 11:37

Tgt Ion:112 Resp: 1297304
 Ion Ratio Lower Upper
 112 100
 64 58.3 43.8 65.8
 63 29.8 22.5 33.7





#7

Phenol-d6

Concen: 118.701 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

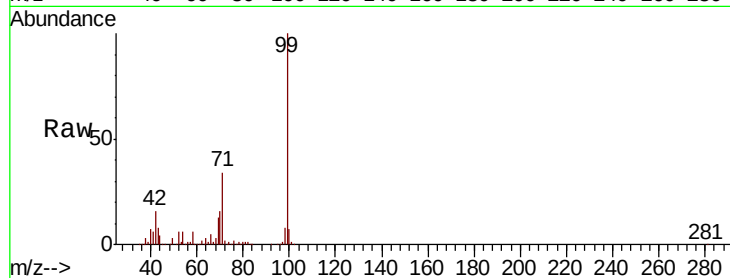
BNA_F

ClientSampleId :

PB121660TB

Tot Ion: 99 Resp: 1694777

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	33.6	25.9	38.9

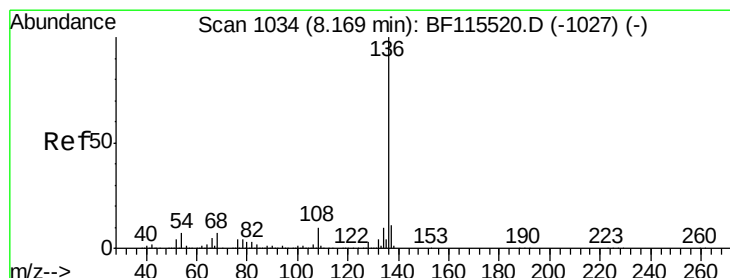
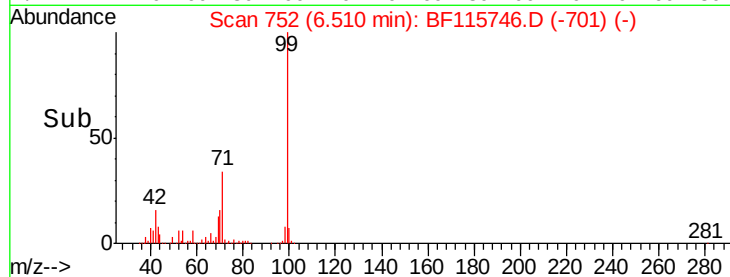


Abundance

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: 8.15 min Scan# 1031

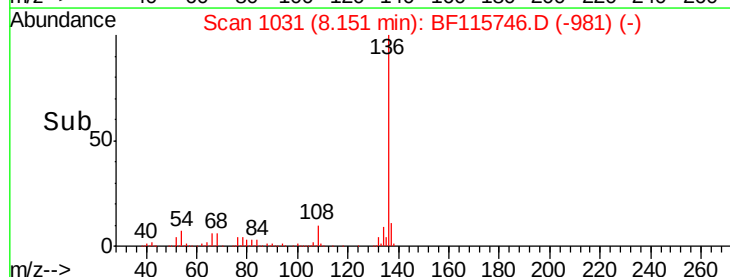
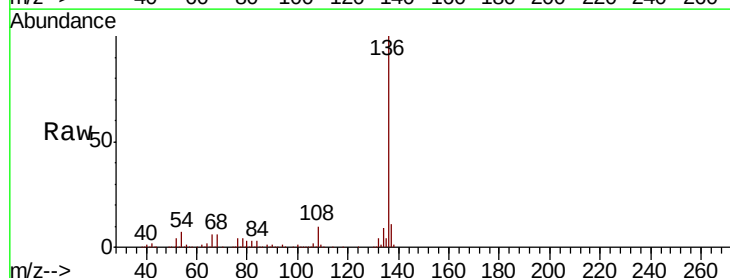
Delta R.T. -0.01 min

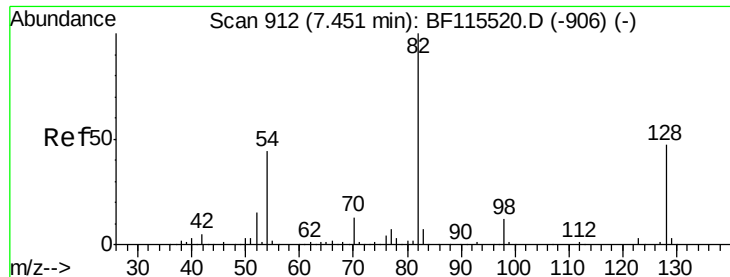
Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Tgt Ion: 136 Resp: 729040

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.4	8.0
68	6.4	4.9	7.3





#23

Nitrobenzene-d5

Concen: 88.176 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

PB121660TB

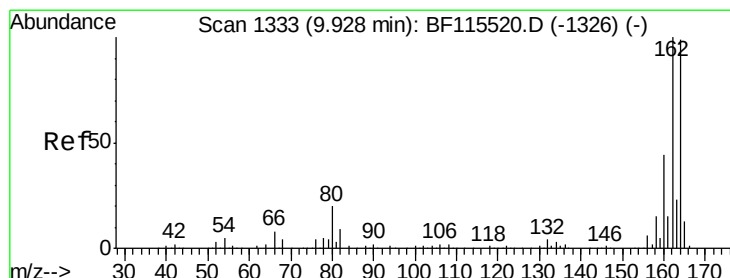
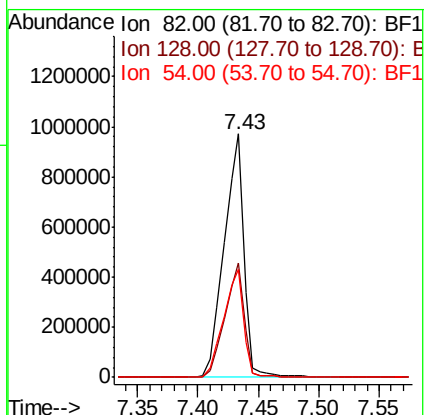
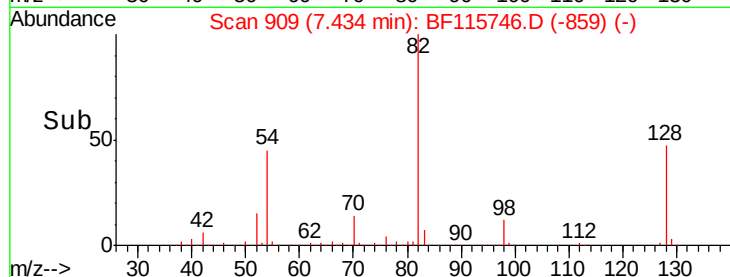
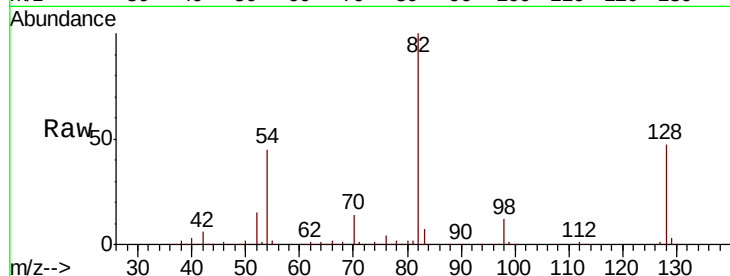
Tot Ion: 82 Resp: 1105547

Ion Ratio Lower Upper

82 100

128 46.7 38.0 57.0

54 44.6 35.6 53.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

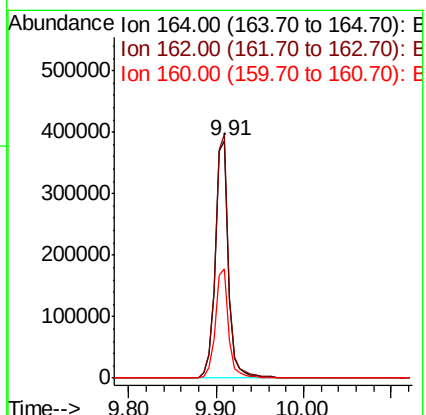
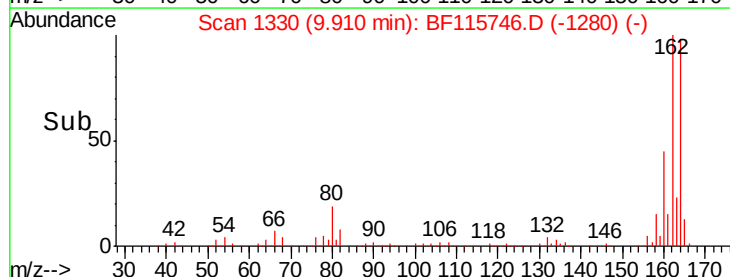
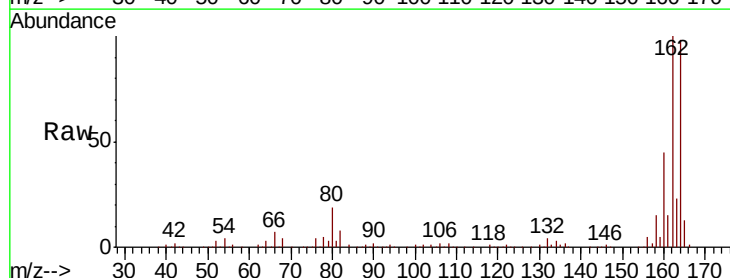
Tgt Ion:164 Resp: 407686

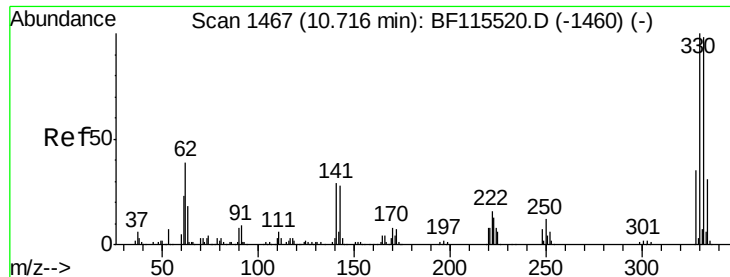
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.8

160 46.1 37.8 56.8





#42

2,4,6-Tribromophenol

Concen: 111.661 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

PB121660TB

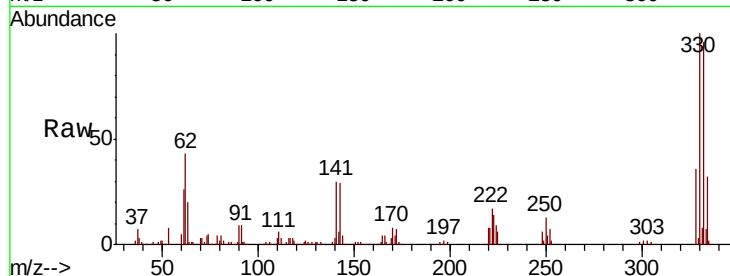
Tot Ion:330 Resp: 531357

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

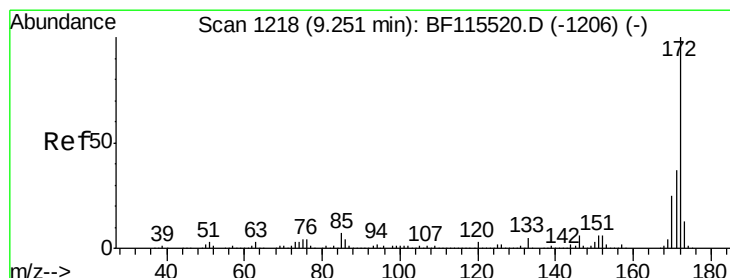
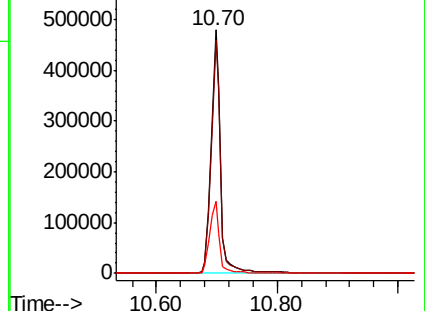
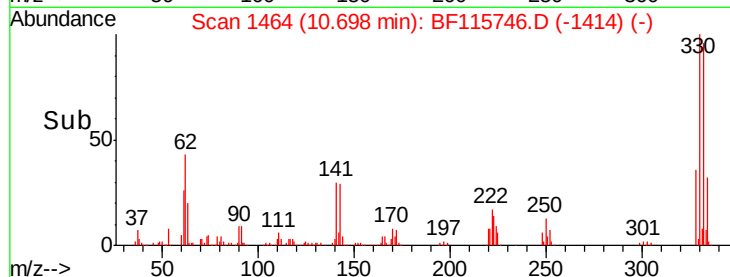
141 31.3 25.6 38.4



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: 85.985 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

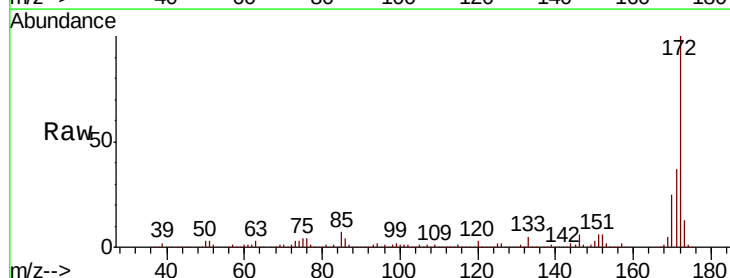
Tgt Ion:172 Resp: 2002804

Ion Ratio Lower Upper

172 100

171 37.1 29.5 44.3

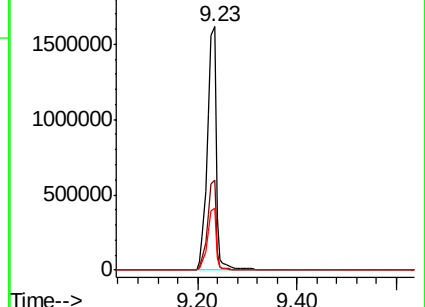
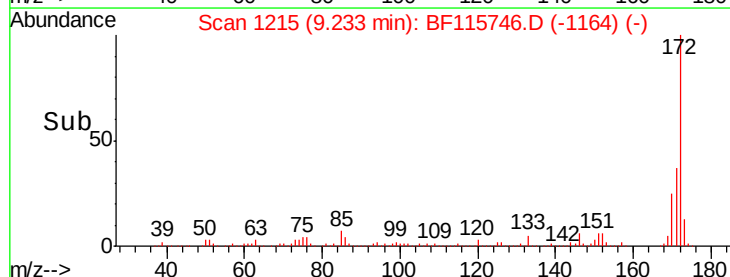
170 25.4 20.0 30.0

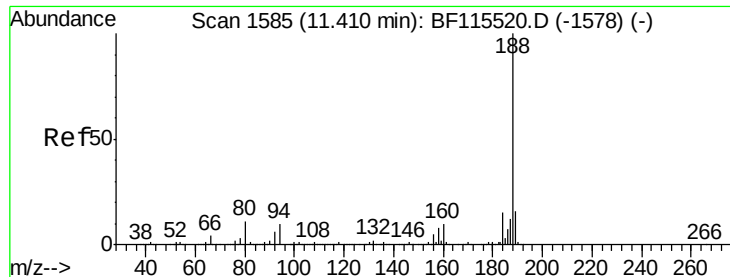


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

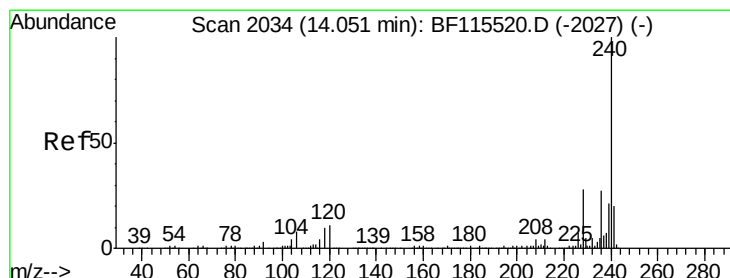
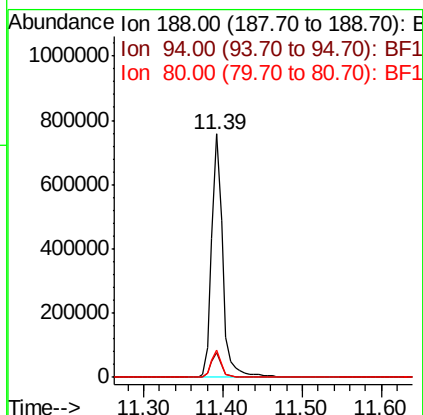
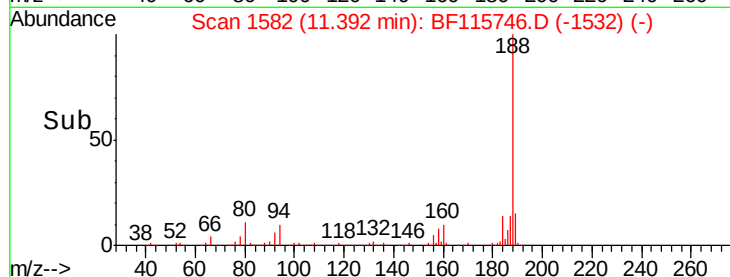
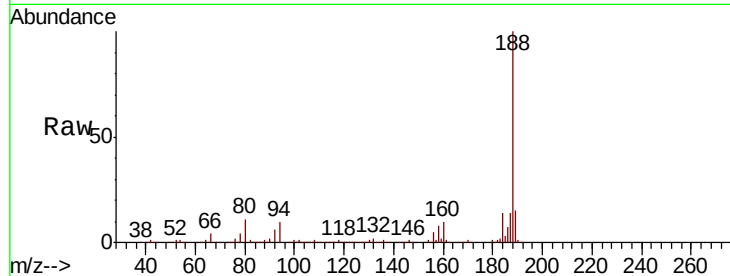




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

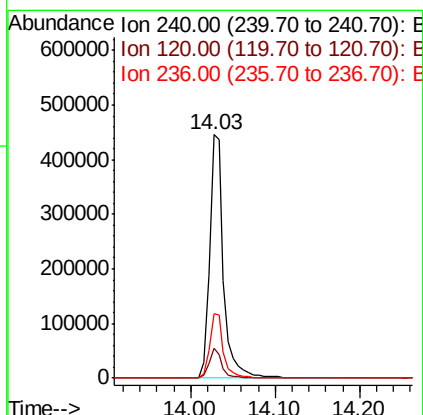
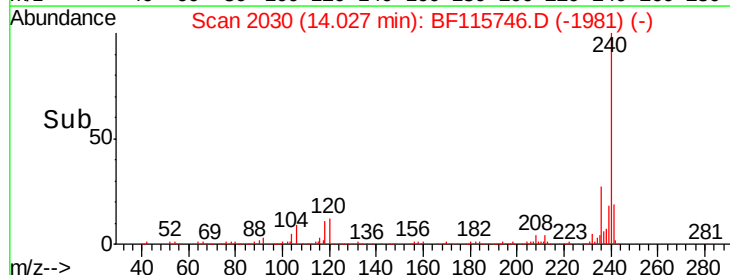
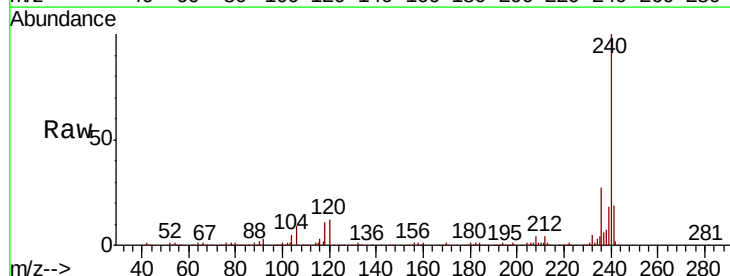
Instrument :
BNA_F
ClientSampleId :
PB121660TB

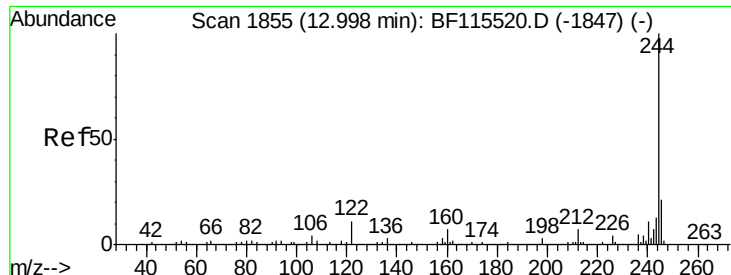
Tot Ion:188 Resp: 734298
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115746.D
Acq: 24 Jul 2019 11:37

Tgt Ion:240 Resp: 516433
Ion Ratio Lower Upper
240 100
120 12.4 10.3 15.5
236 26.6 21.9 32.9





#79

Terphenyl-d14

Concen: 81.870 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

Instrument :

BNA_F

ClientSampleId :

PB121660TB

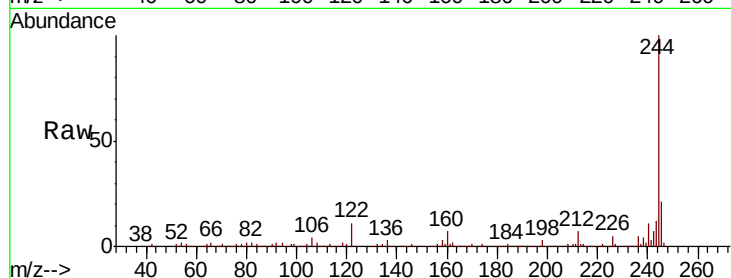
Tot Ion:244 Resp: 2291420

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

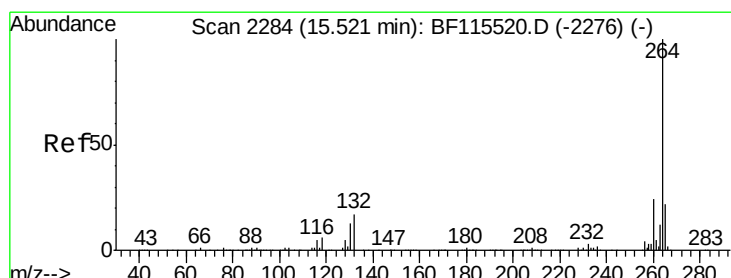
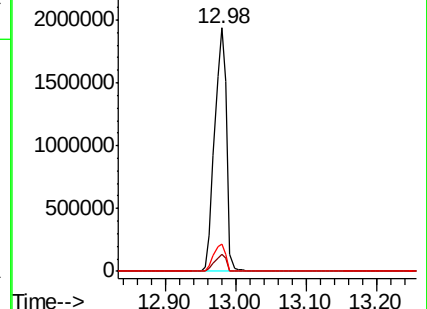
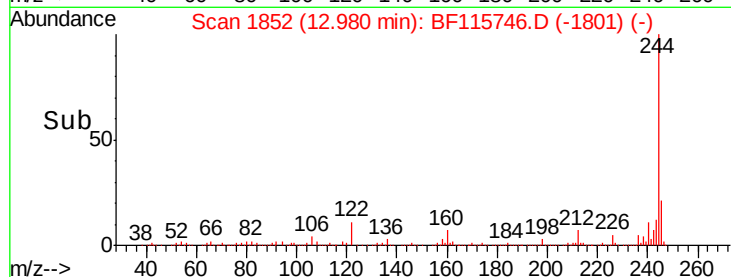
122 11.4 9.4 14.0



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115746.D

Acq: 24 Jul 2019 11:37

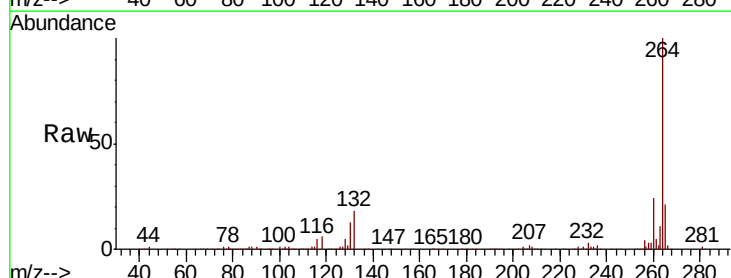
Tgt Ion:264 Resp: 460326

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 17.5 26.3



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

