

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115783.D
 Acq On : 26 Jul 2019 12:50
 Operator : HP/JU
 Sample : PB121731BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121731BL

Quant Time: Jul 26 18:15:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144857	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	549229	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	297986	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	526671	20.00	ng	0.00
76) Chrysene-d12	14.03	240	361870	20.00	ng	0.00
87) Perylene-d12	15.50	264	323011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1092365	123.35	ng	0.01
7) Phenol-d6	6.50	99	1419997	126.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	931053	98.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	413091	118.77	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1721450	101.11	ng	0.00
79) Terphenyl-d14	12.97	244	1834283	93.53	ng	0.00

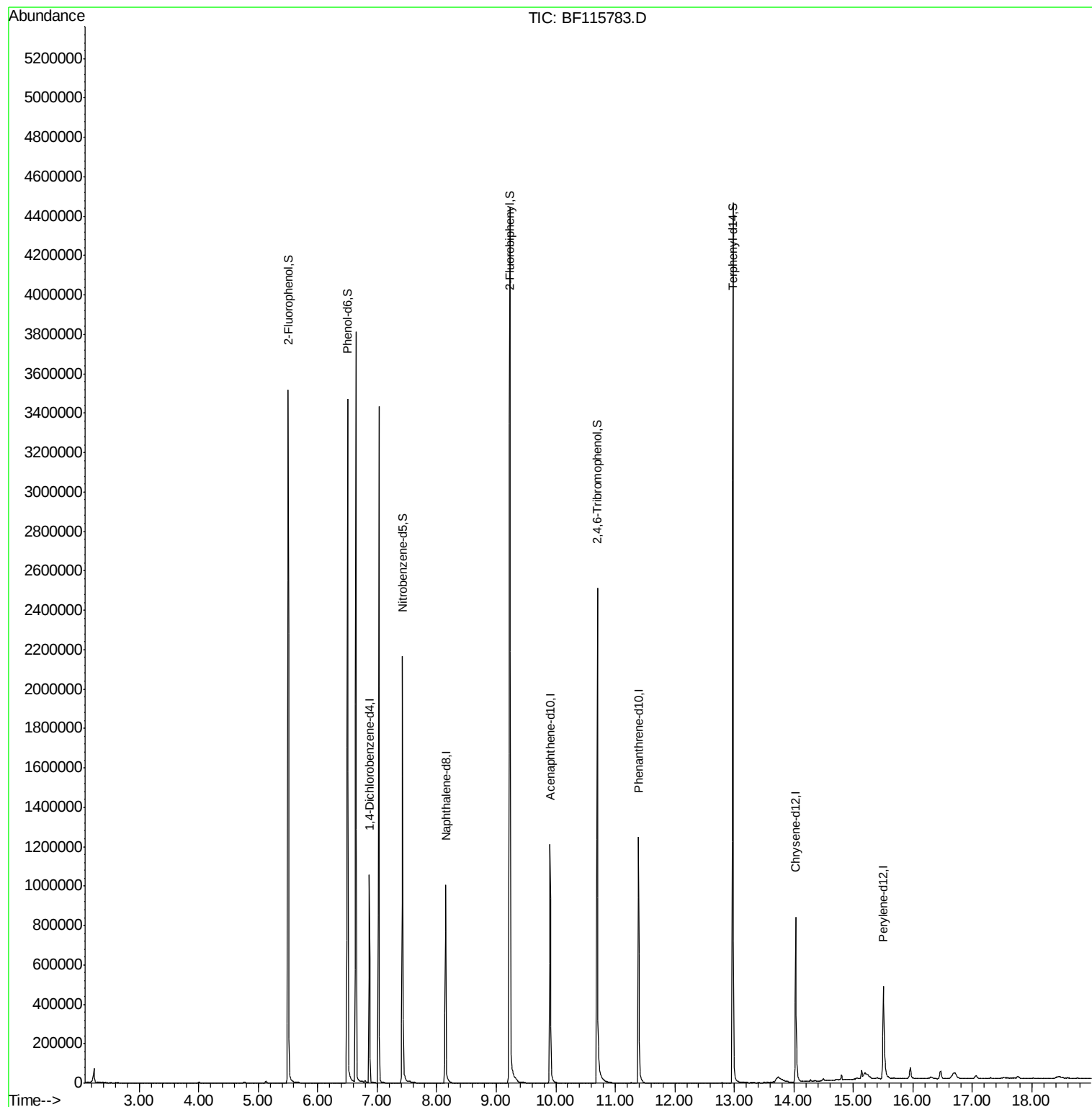
Target Compounds Qvalue

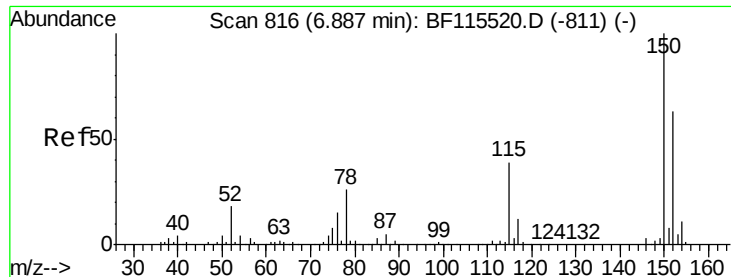
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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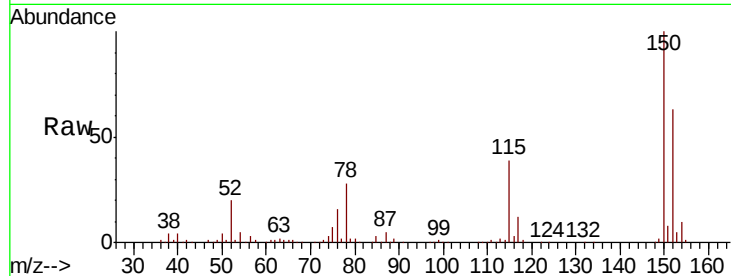


#1

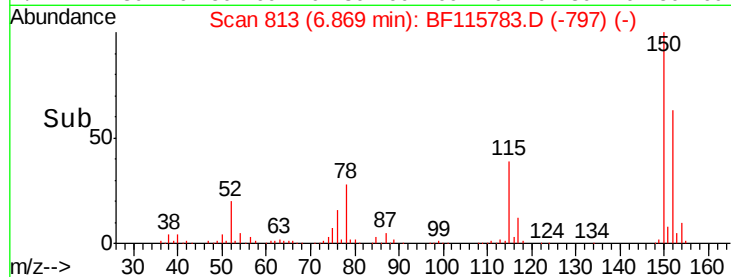
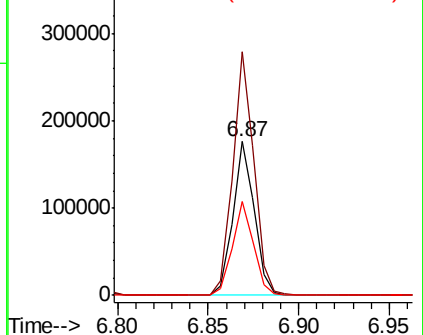
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB121731BL

Tot Ion:152 Resp: 144857
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.6 189.8
 115 61.2 47.8 71.6



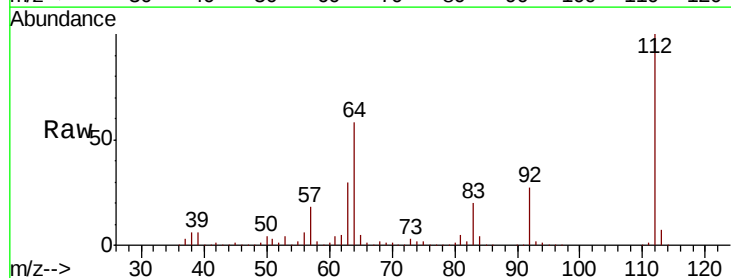
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



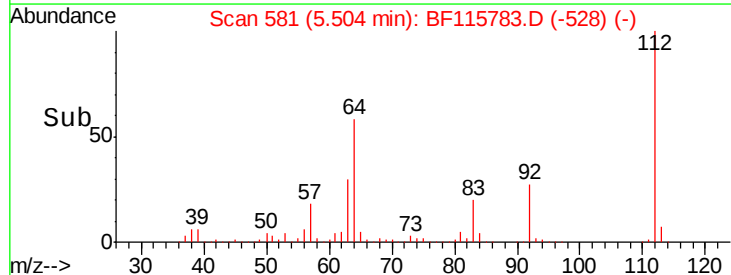
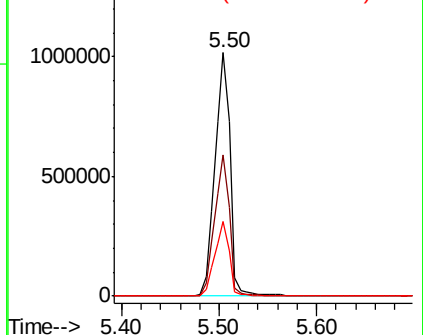
#5

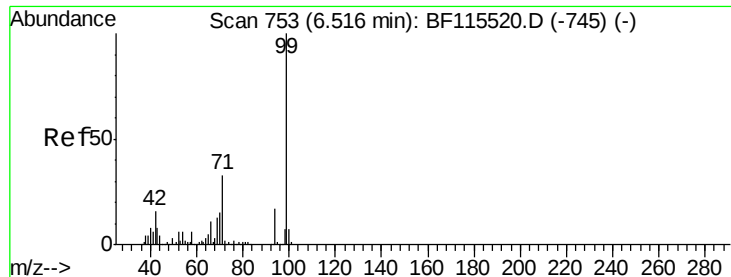
2-Fluorophenol
 Concen: 123.349 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF115783.D
 Acq: 26 Jul 2019 12:50

Tgt Ion:112 Resp: 1092365
 Ion Ratio Lower Upper
 112 100
 64 58.2 45.8 68.8
 63 30.5 23.6 35.4



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: 126.367 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

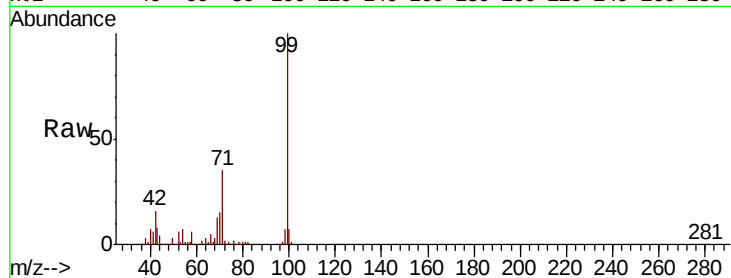
BNA_F

ClientSampleId :

PB121731BL

Tot Ion: 99 Resp: 1419997

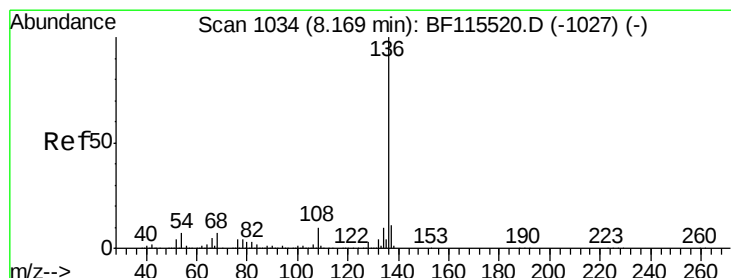
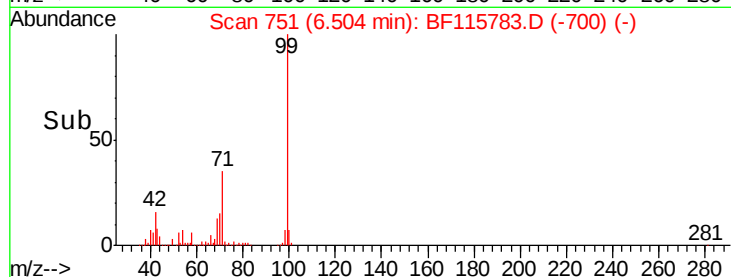
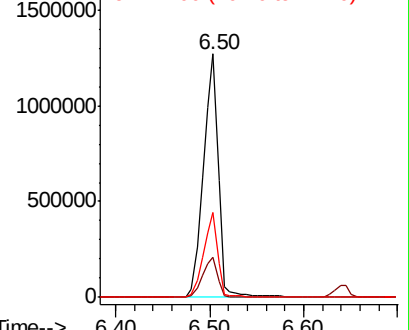
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	34.6	26.7	40.1



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

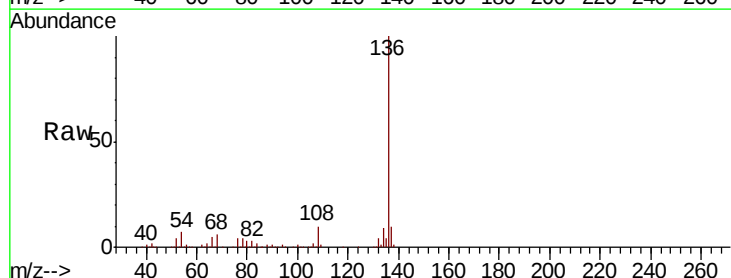
Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Tgt Ion: 136 Resp: 549229

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.6	5.0	7.6
68	5.7	4.7	7.1

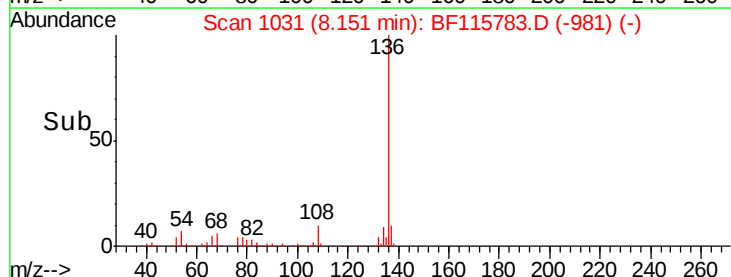
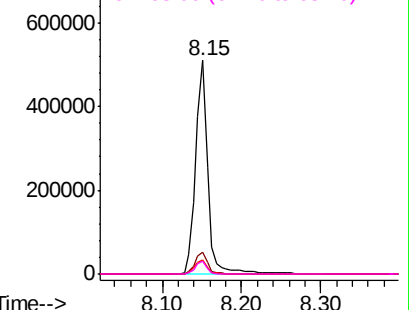


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.570 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

PB121731BL

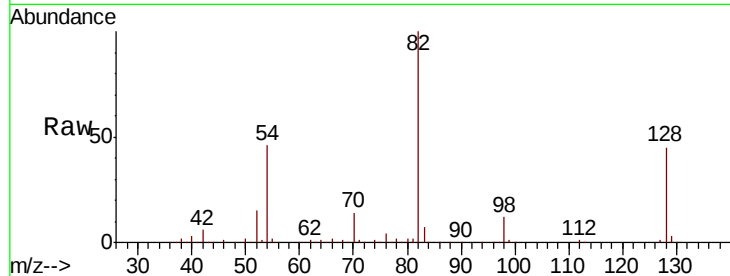
Tot Ion: 82 Resp: 931053

Ion Ratio Lower Upper

82 100

128 44.8 36.6 55.0

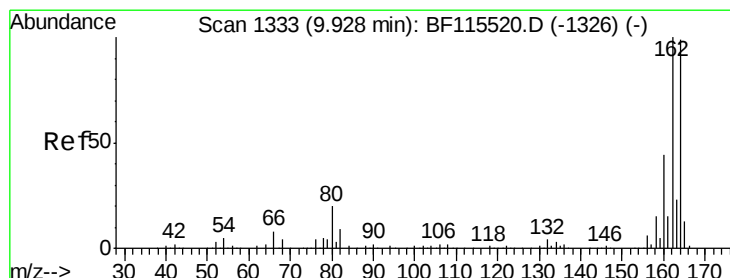
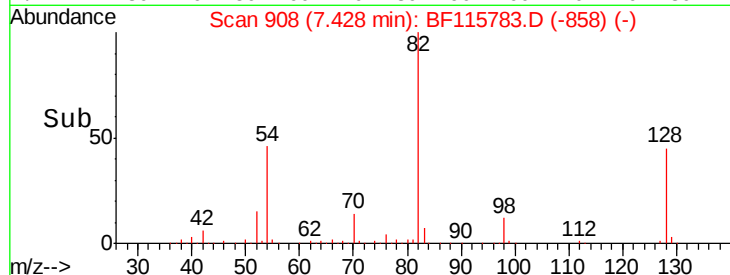
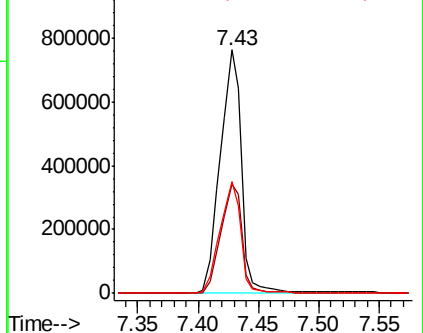
54 45.7 36.6 54.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

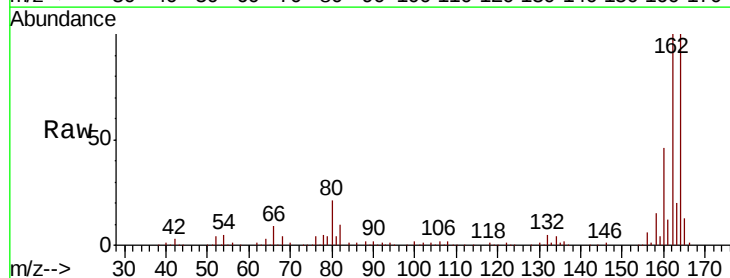
Tgt Ion:164 Resp: 297986

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

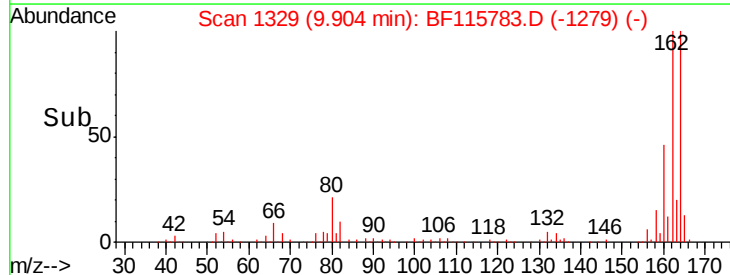
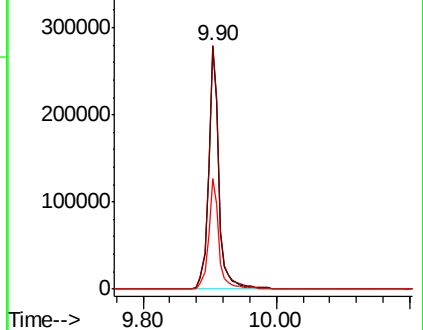
160 45.7 37.5 56.3



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: 118.765 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

PB121731BL

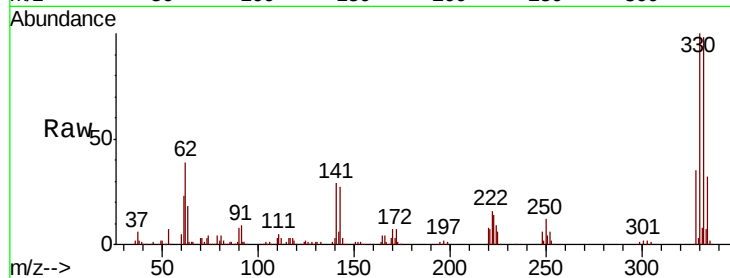
Tot Ion:330 Resp: 413091

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

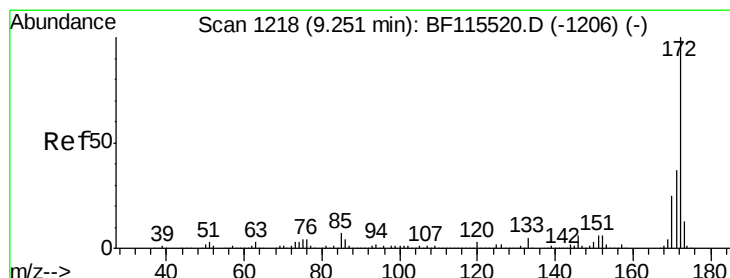
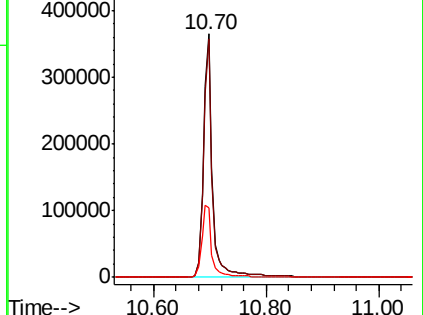
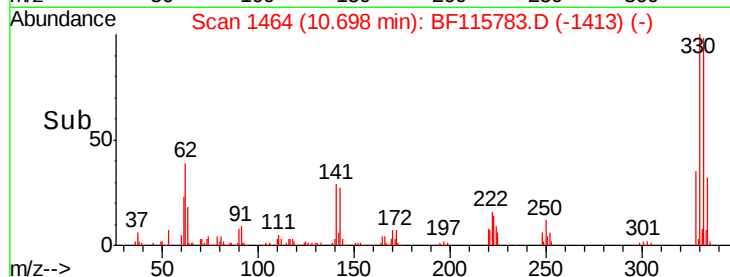
141 32.9 25.9 38.9



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: 101.113 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

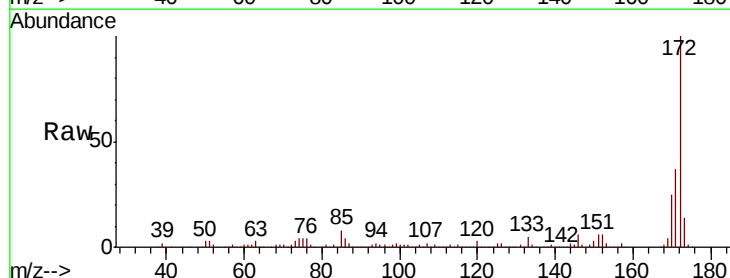
Tgt Ion:172 Resp: 1721450

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

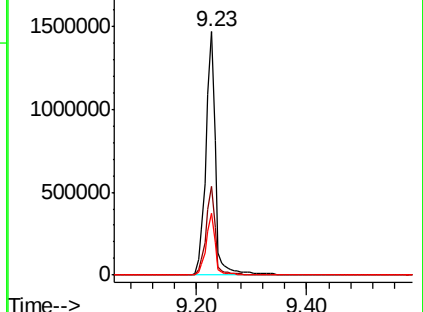
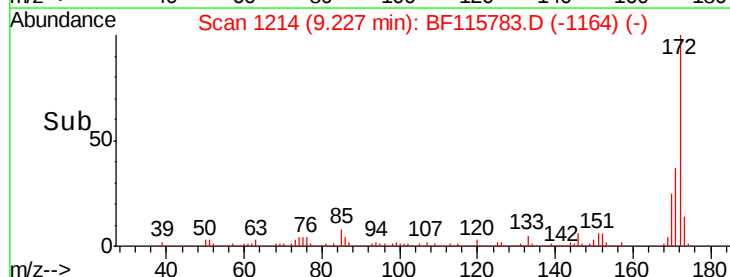
170 25.3 20.1 30.1

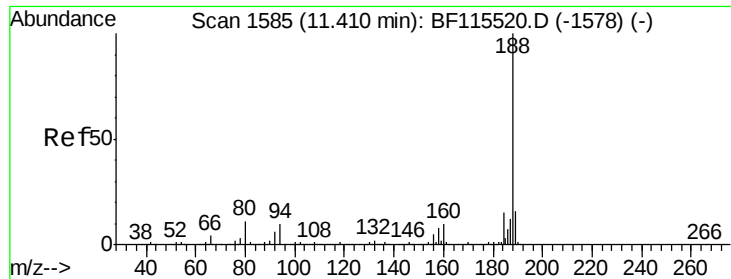


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

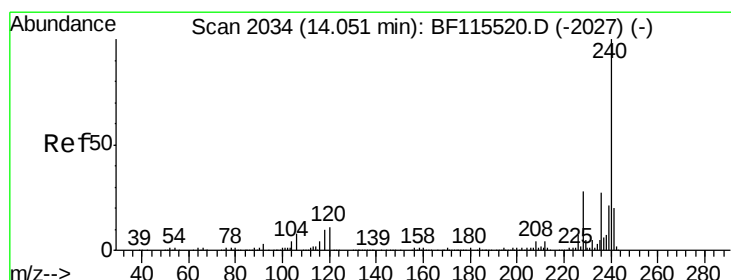
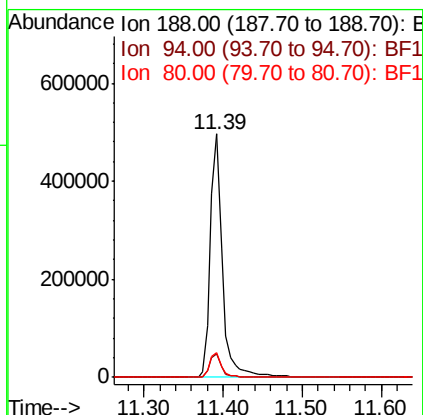
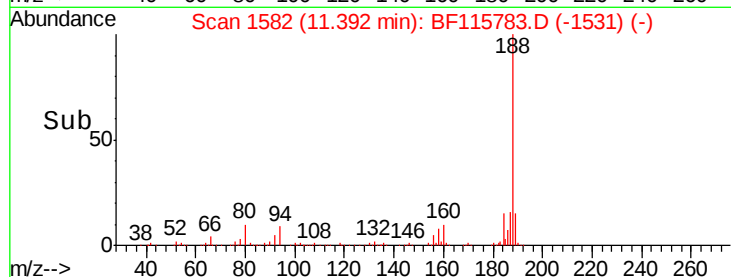
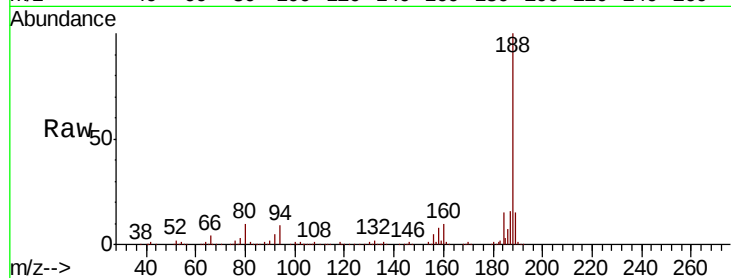




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

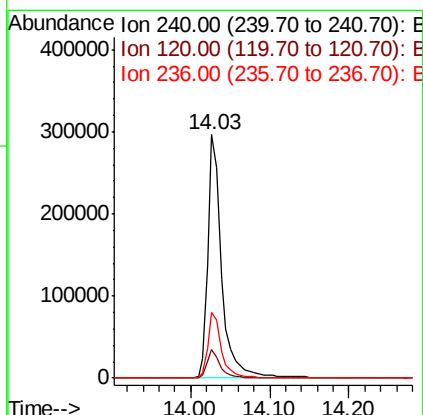
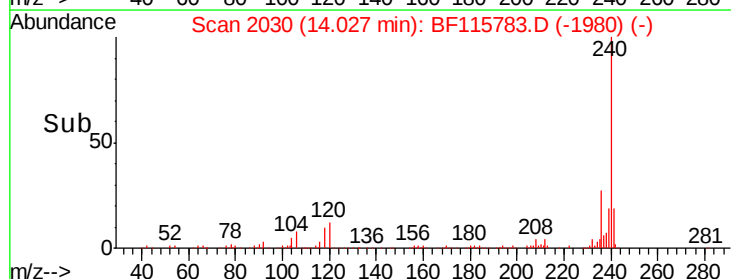
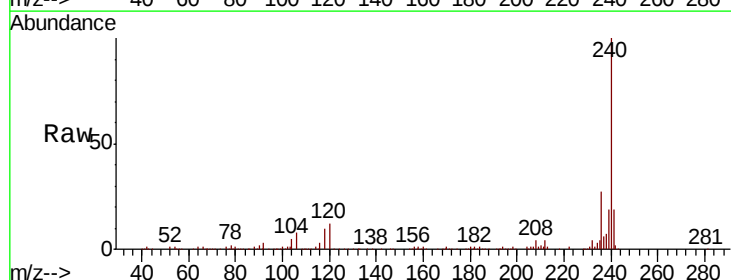
Instrument :
BNA_F
ClientSampleId :
PB121731BL

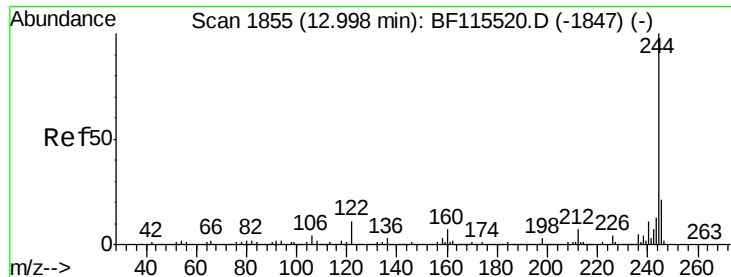
Tot Ion:188 Resp: 526671
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115783.D
Acq: 26 Jul 2019 12:50

Tgt Ion:240 Resp: 361870
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 26.7 21.8 32.6





#79

Terphenyl-d14

Concen: 93.530 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

Instrument :

BNA_F

ClientSampleId :

PB121731BL

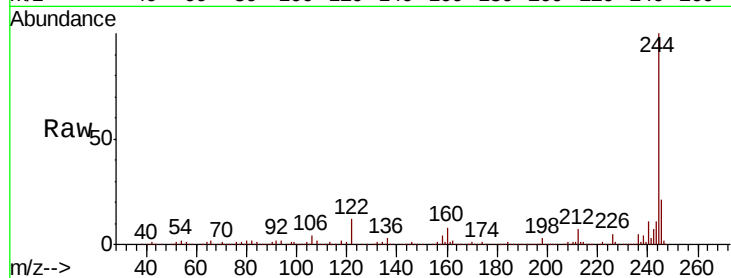
Tot Ion:244 Resp: 1834283

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

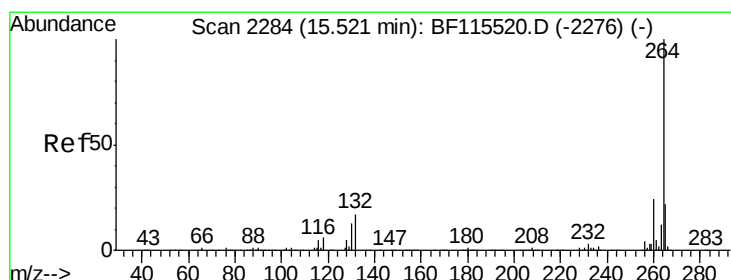
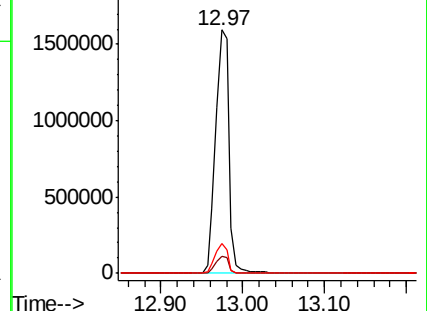
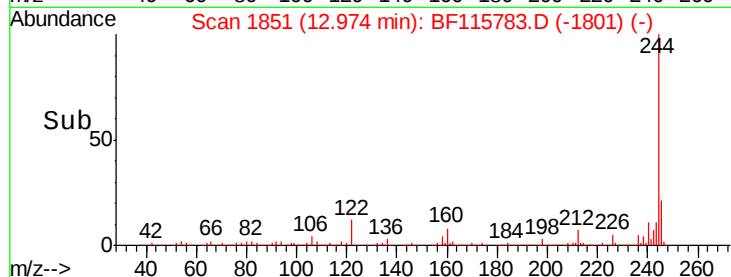
122 12.3 8.2 12.4



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# 2281

Delta R.T. 0.01 min

Lab File: BF115783.D

Acq: 26 Jul 2019 12:50

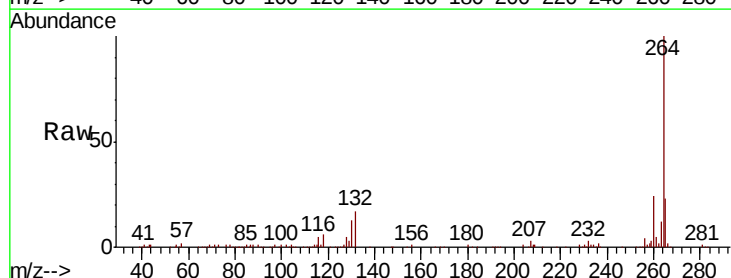
Tgt Ion:264 Resp: 323011

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 22.7 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

