

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115761.D
 Acq On : 25 Jul 2019 16:21
 Operator : HP/JU
 Sample : PB121703BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Quant Time: Jul 26 06:47:59 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	190452	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	739130	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	414463	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	741383	20.00	ng	0.00
76) Chrysene-d12	14.03	240	502705	20.00	ng	0.00
87) Perylene-d12	15.50	264	452357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1331337	114.34	ng	0.02
7) Phenol-d6	6.51	99	1731683	117.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	1141011	89.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	534222	110.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2100905	88.72	ng	0.00
79) Terphenyl-d14	12.98	244	2263597	83.08	ng	0.00

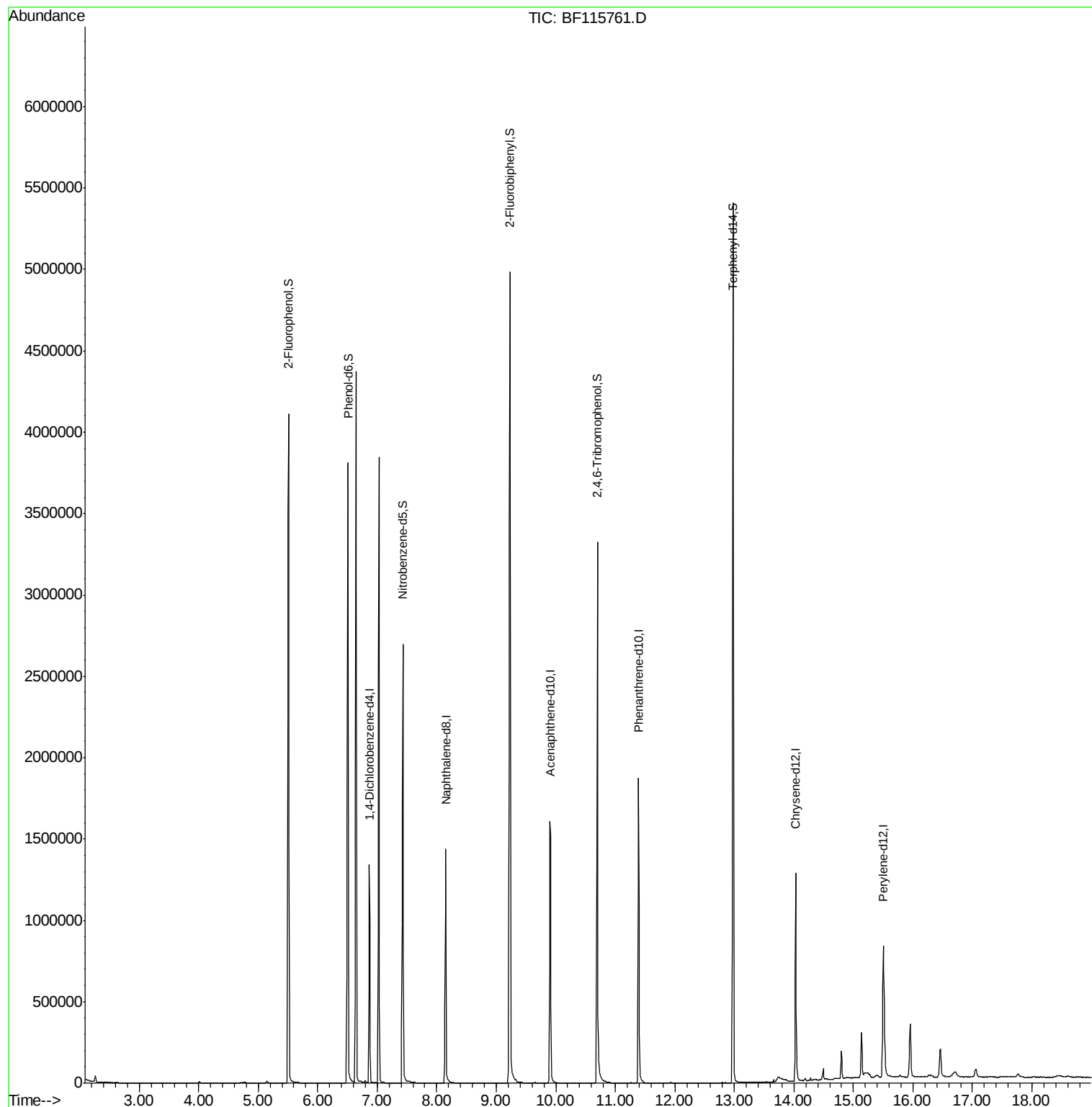
Target Compounds Qvalue

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

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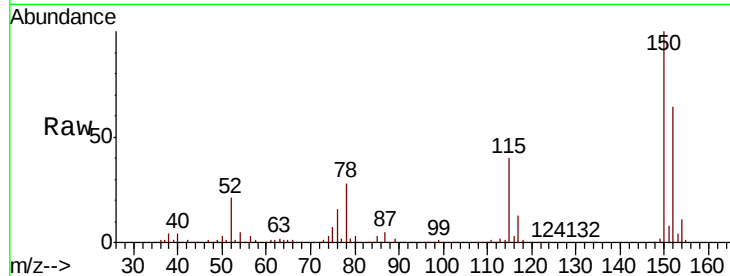


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Instrument :
BNA_F
ClientSampleId :
PB121703BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	62.0	47.8	71.6

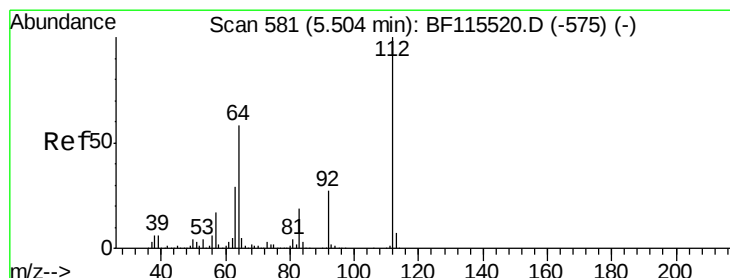
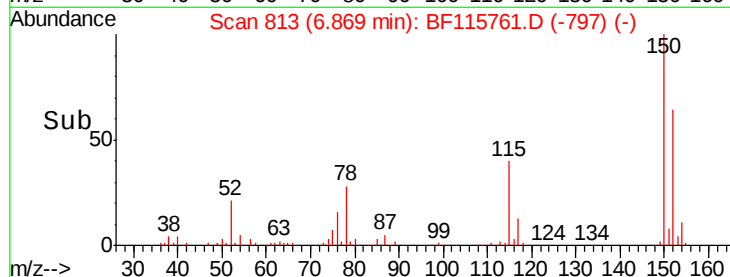
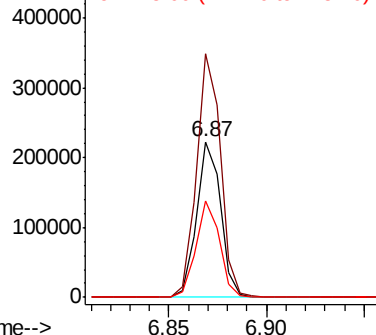


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

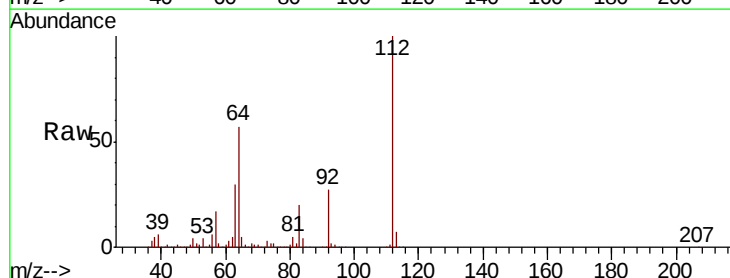
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.343 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.8
63	29.8	23.6	35.4

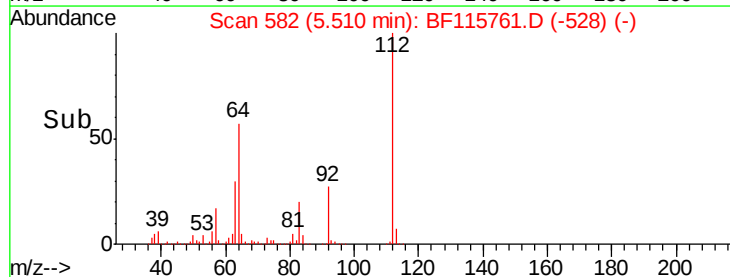
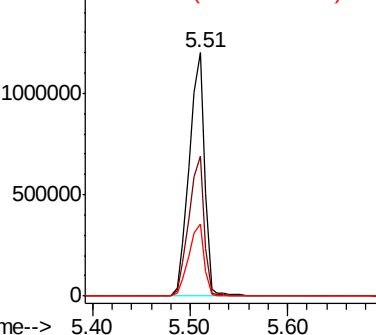


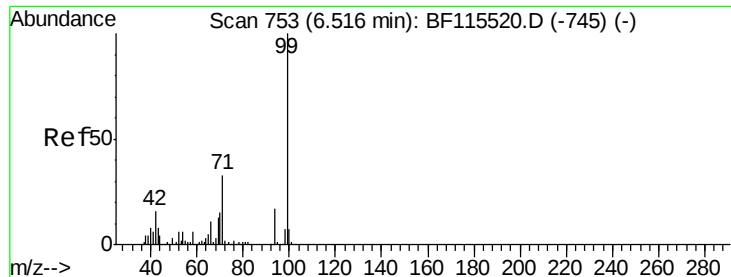
Abundance

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: 117.211 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

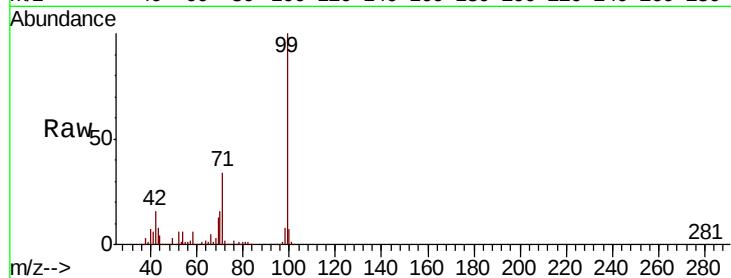
Tot Ion: 99 Resp: 1731683

Ion Ratio Lower Upper

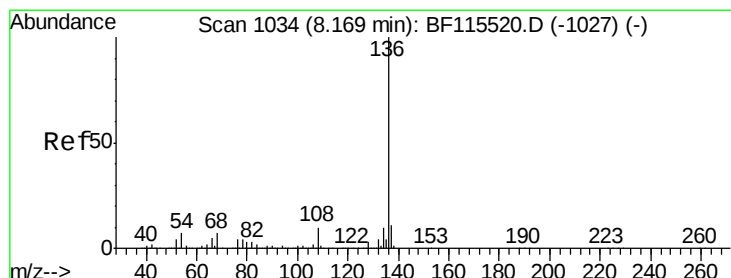
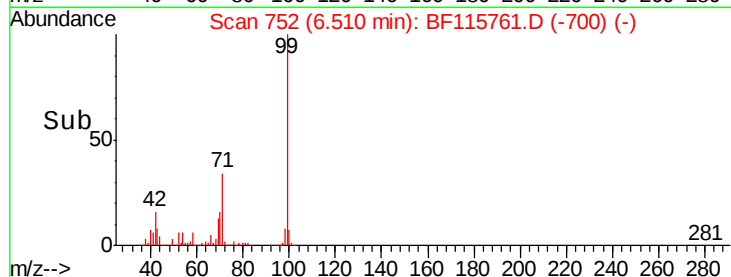
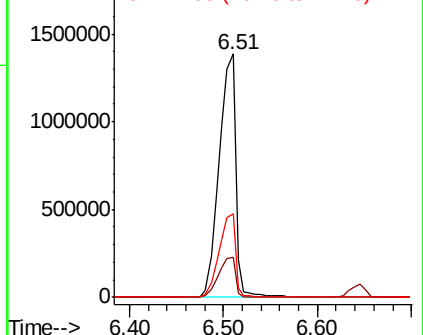
99 100

42 16.3 13.4 20.2

71 34.4 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: BF115761.D

Acq: 25 Jul 2019 16:21

Tgt Ion: 136 Resp: 739130

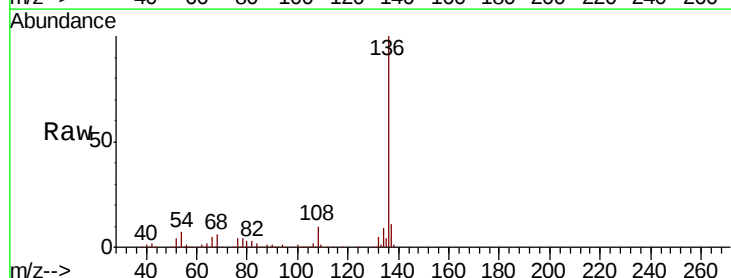
Ion Ratio Lower Upper

136 100

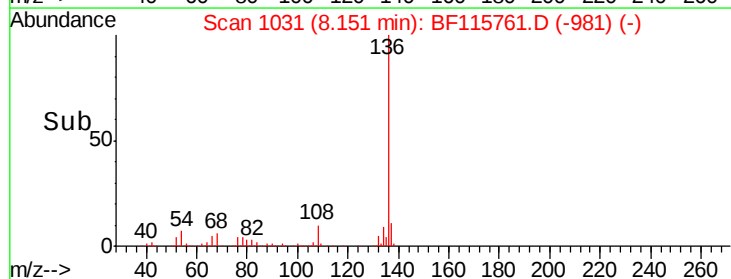
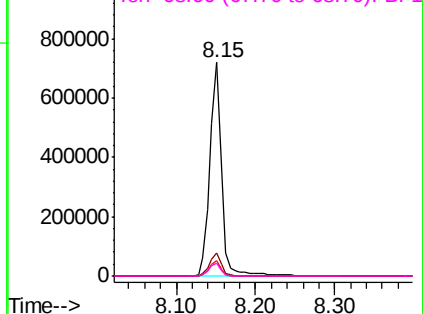
137 11.0 8.7 13.1

54 6.9 5.0 7.6

68 6.1 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

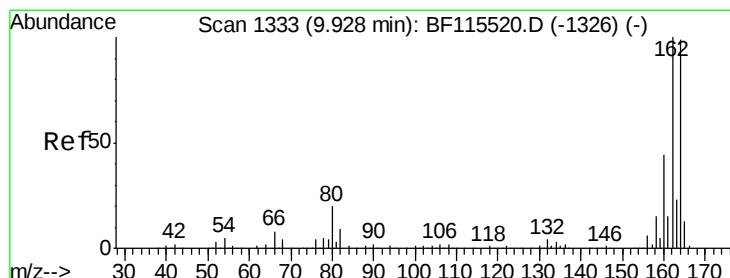
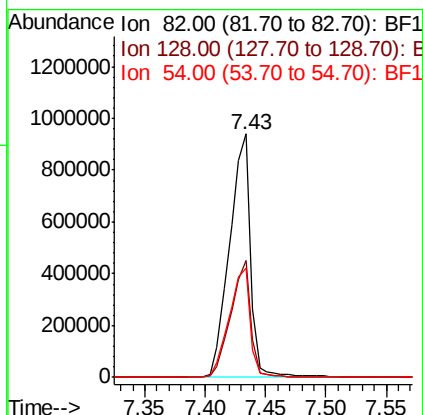
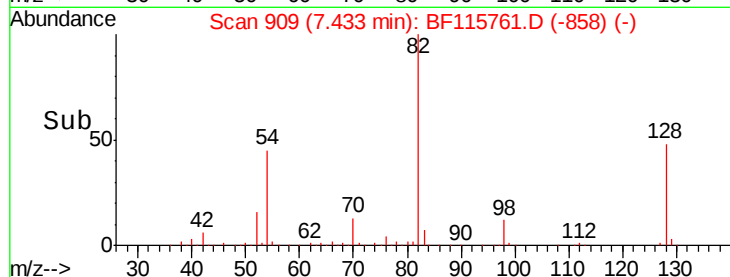
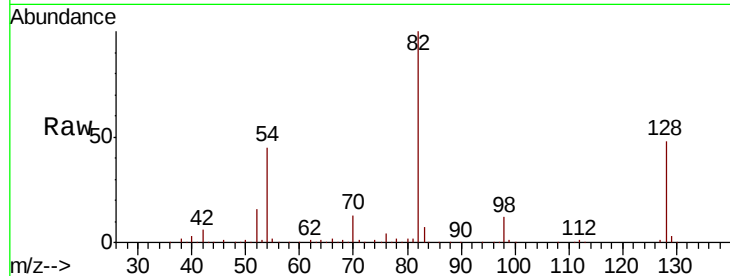




#23
 Nitrobenzene-d5
 Concen: 89.762 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

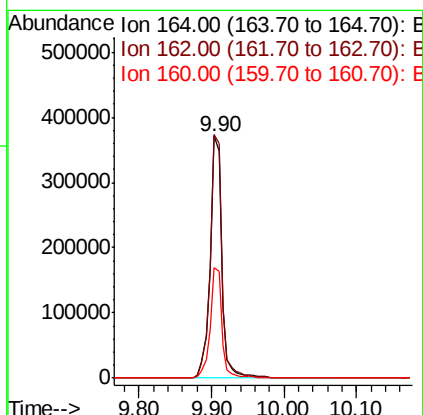
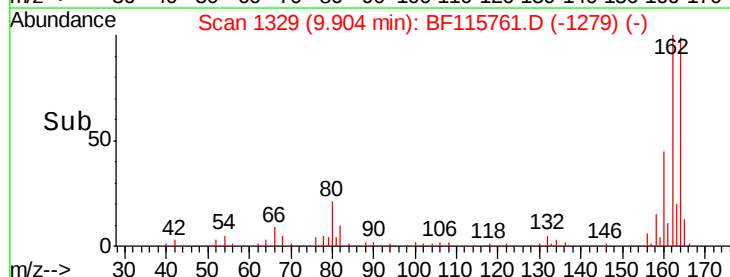
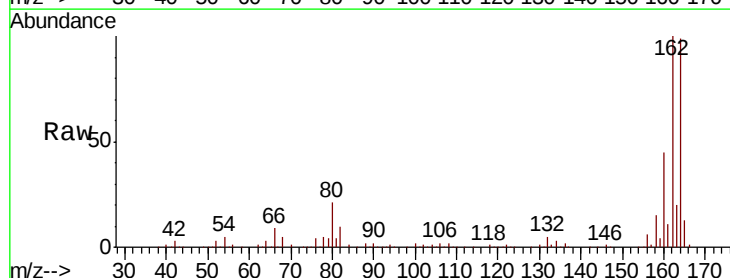
Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Tot Ion: 82 Resp: 1141011
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.6 55.0
 54 44.9 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Tgt Ion:164 Resp: 414463
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.8 122.6
 160 45.8 37.5 56.3

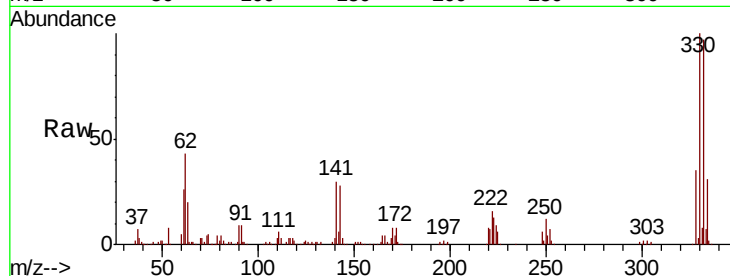




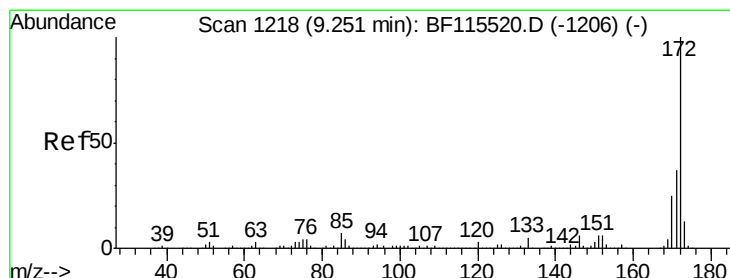
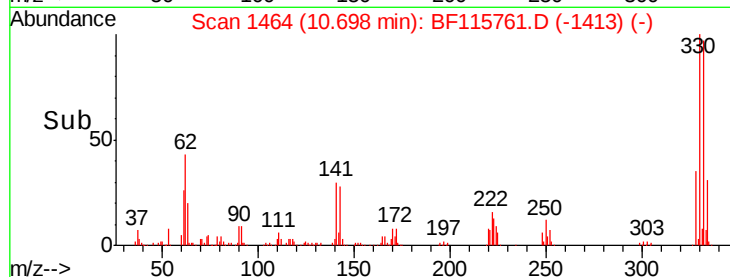
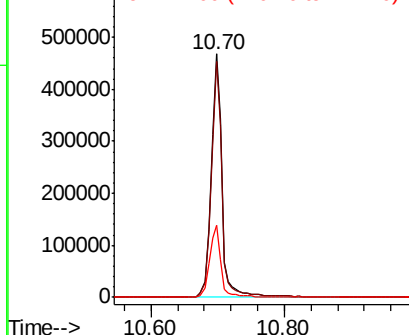
#42
 2,4,6-Tribromophenol
 Concen: 110.427 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BL

Tot Ion:330 Resp: 534222
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.1 114.1
 141 31.3 25.9 38.9

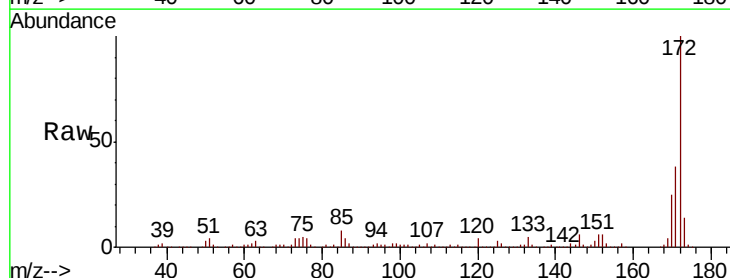


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

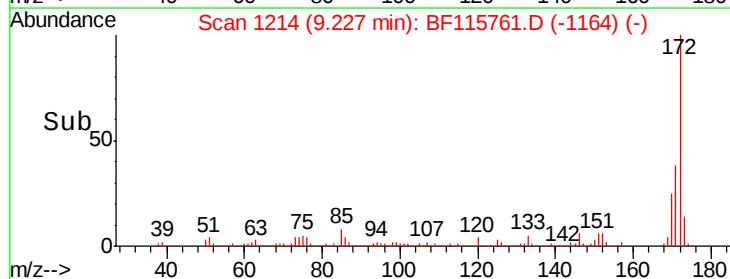
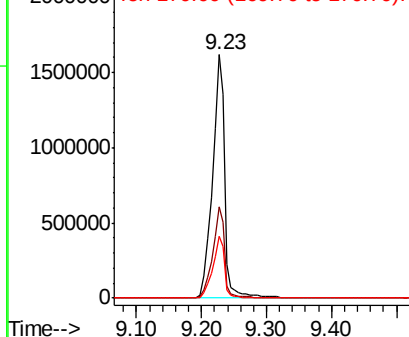


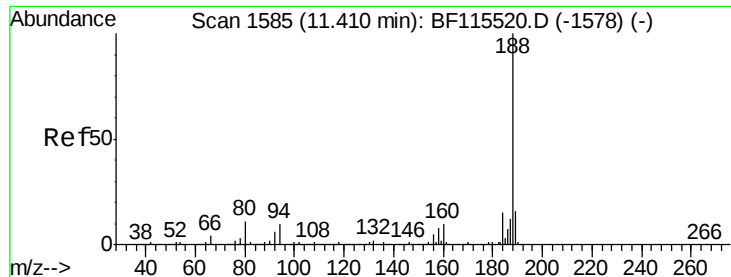
#45
 2-Fluorobiphenyl
 Concen: 88.722 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115761.D
 Acq: 25 Jul 2019 16:21

Tgt Ion:172 Resp: 2100905
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.4
 170 25.2 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

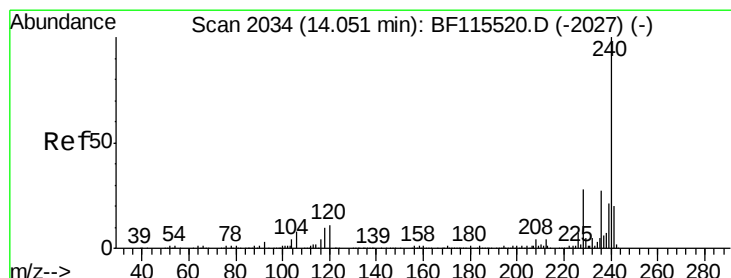
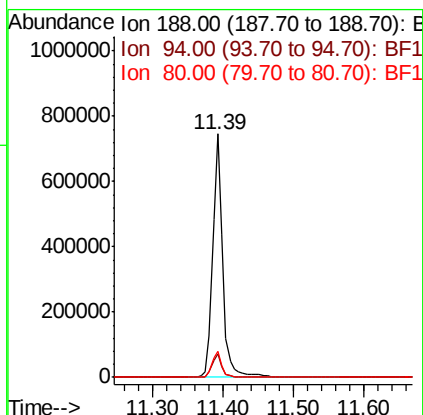
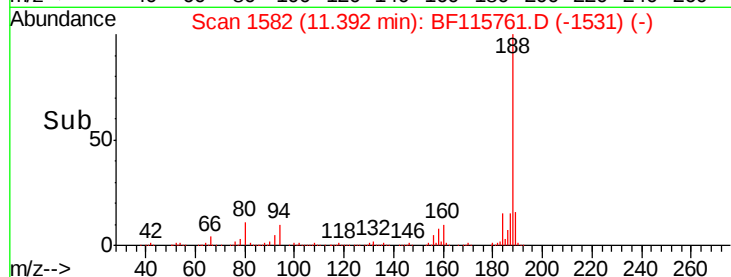
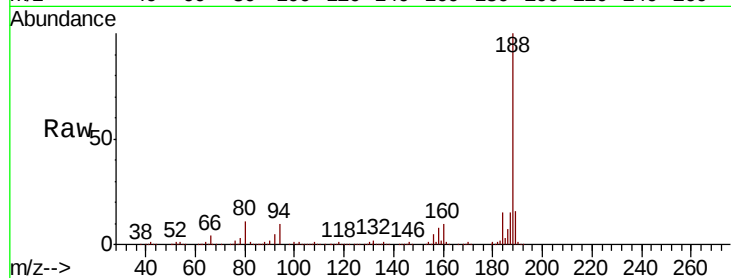




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

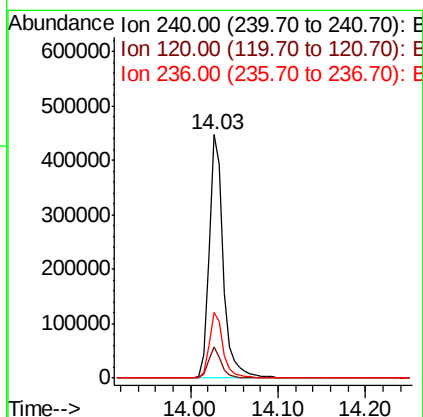
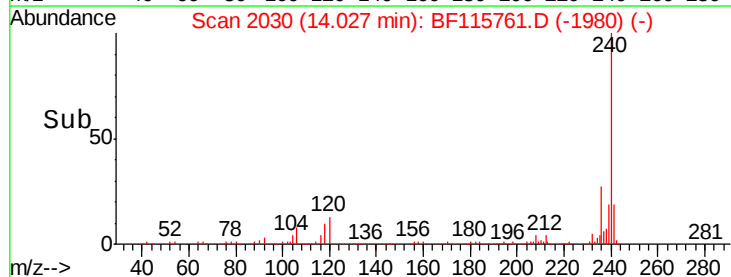
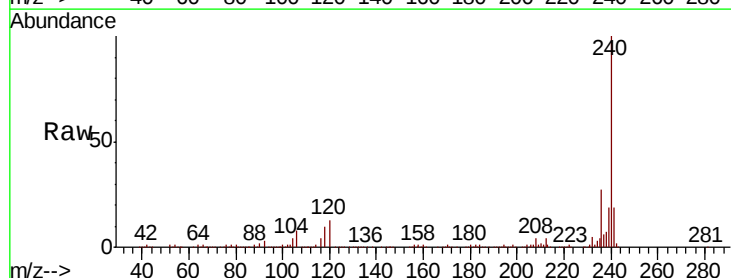
Instrument :
BNA_F
ClientSampleId :
PB121703BL

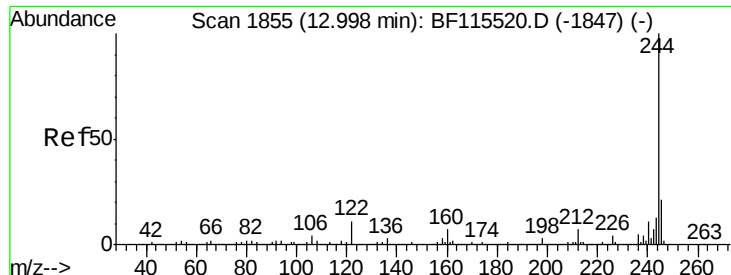
Tot Ion:188 Resp: 741383
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115761.D
Acq: 25 Jul 2019 16:21

Tgt Ion:240 Resp: 502705
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 27.2 21.8 32.6





#79

Terphenyl-d14

Concen: 83.085 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB121703BL

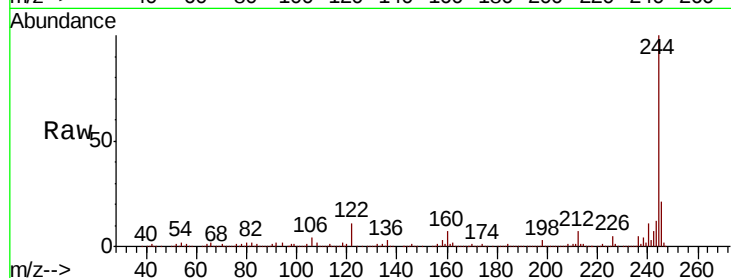
Tot Ion:244 Resp: 2263597

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

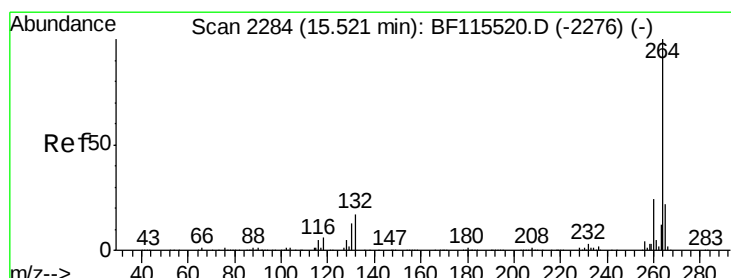
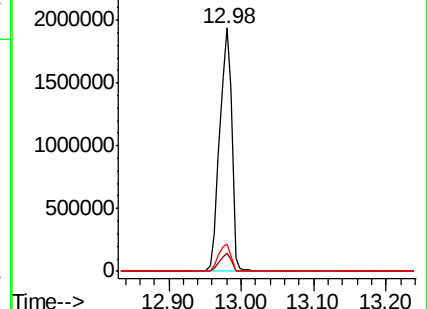
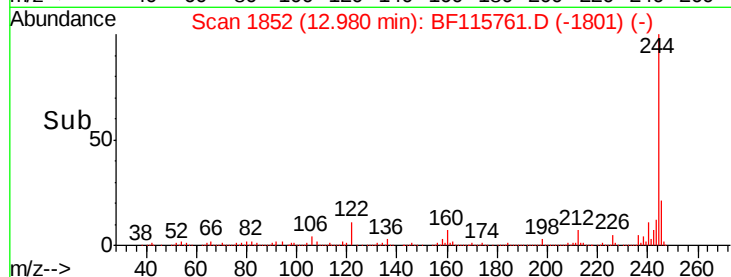
122 11.3 8.2 12.4



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# 2280

Delta R.T. -0.00 min

Lab File: BF115761.D

Acq: 25 Jul 2019 16:21

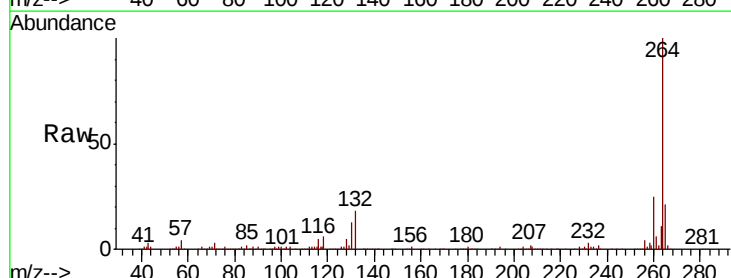
Tgt Ion:264 Resp: 452357

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

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

