

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115721.D
 Acq On : 23 Jul 2019 16:09
 Operator : HP/JU
 Sample : PB121635BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BL

Quant Time: Jul 24 05:22:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	185183	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	735510	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	406248	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	711200	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	486379	20.00	ng	-0.02
87) Perylene-d12	15.51	264	452193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1347656	119.04	ng	0.00
7) Phenol-d6	6.51	99	1765371	122.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	1152248	91.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	542298	114.36	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	2087444	89.94	ng	-0.02
79) Terphenyl-d14	12.98	244	2263818	85.88	ng	-0.02

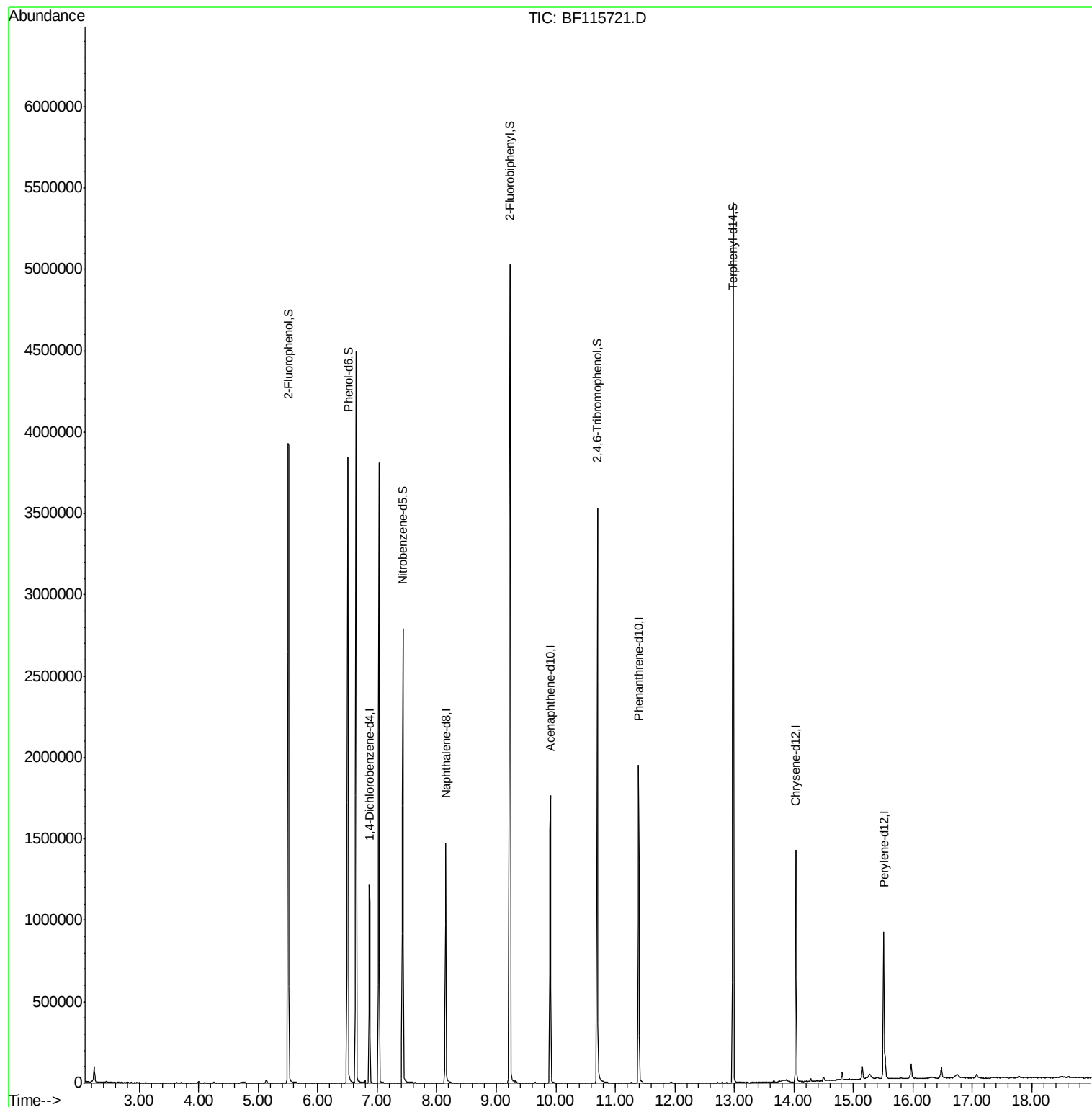
Target Compounds Qvalue

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

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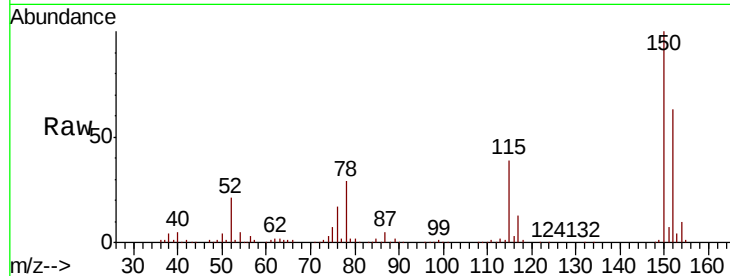


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115721.D
Acq: 23 Jul 2019 16:09

Instrument :
BNA_F
ClientSampleId :
PB121635BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.7	194.5
115	62.4	48.2	72.4

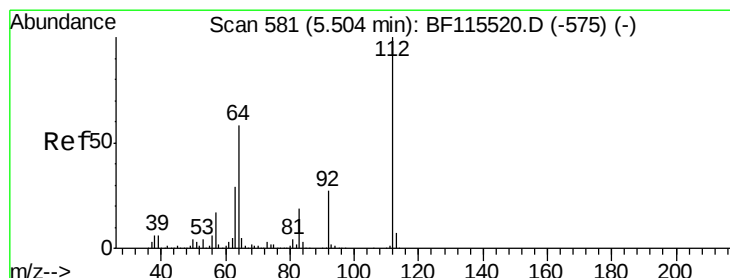
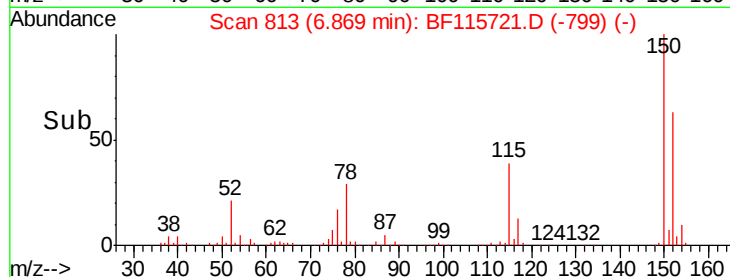
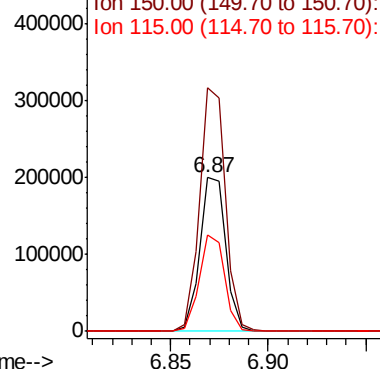


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

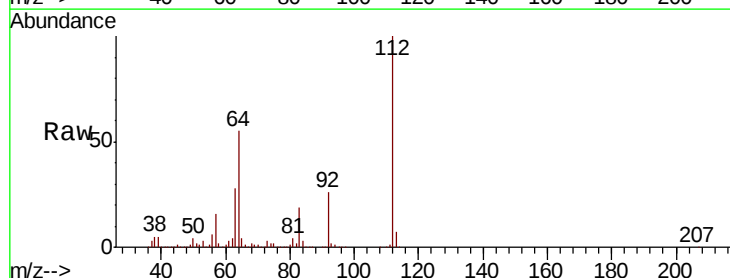
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.038 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115721.D
Acq: 23 Jul 2019 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.8	70.2
63	28.2	24.1	36.1

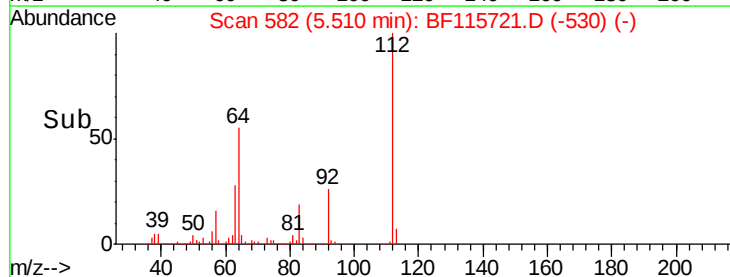
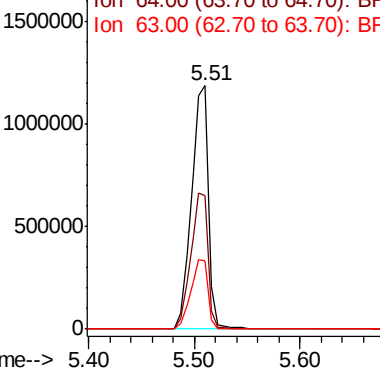


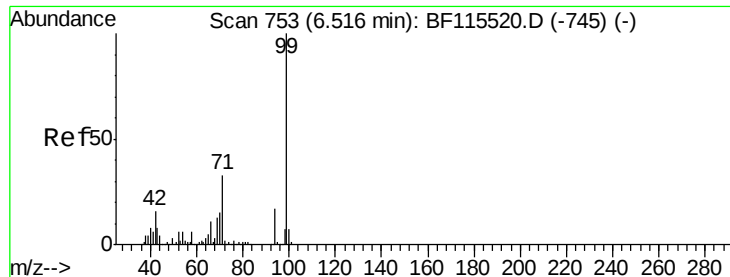
Abundance

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: 122.891 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115721.D

Acq: 23 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

PB121635BL

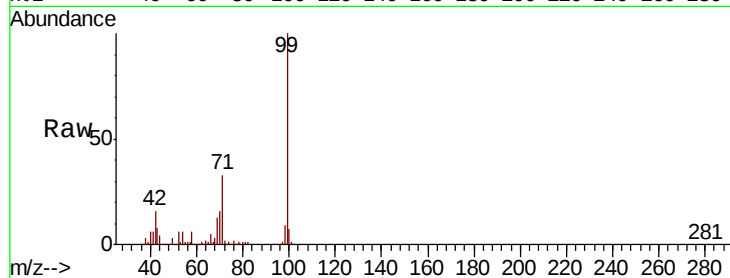
Tot Ion: 99 Resp: 1765371

Ion Ratio Lower Upper

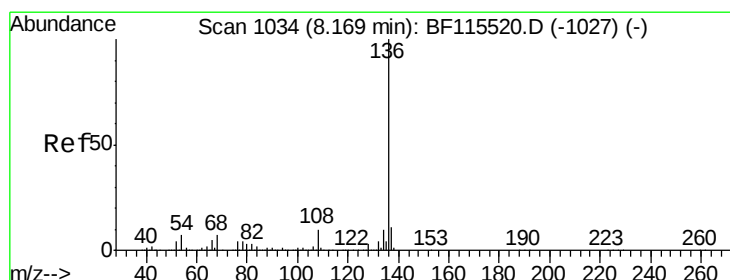
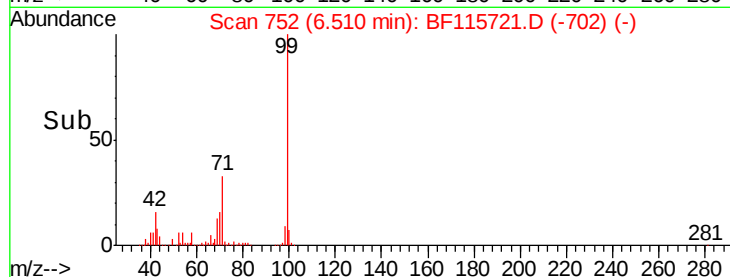
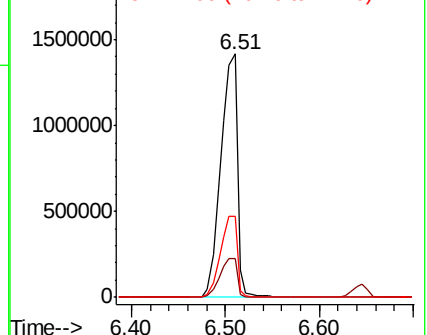
99 100

42 16.0 13.6 20.4

71 33.5 28.5 42.7



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. -0.02 min

Lab File: BF115721.D

Acq: 23 Jul 2019 16:09

Tgt Ion: 136 Resp: 735510

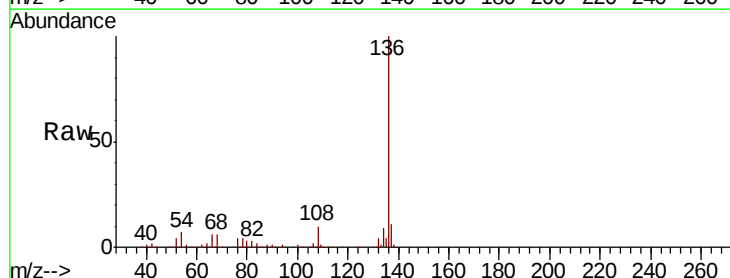
Ion Ratio Lower Upper

136 100

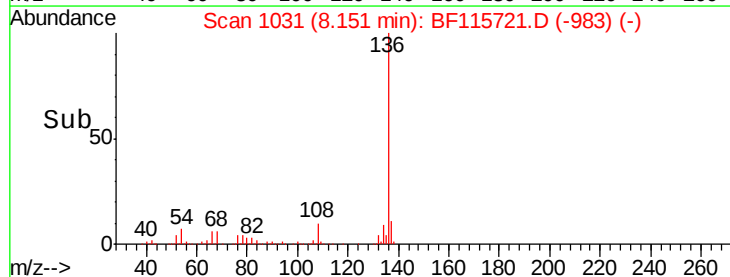
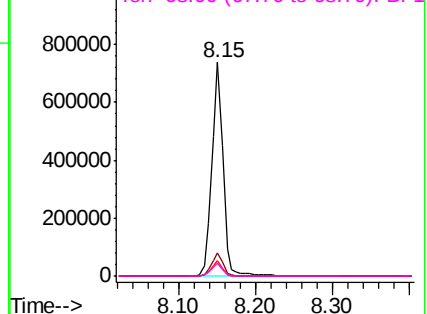
137 11.0 9.0 13.4

54 7.2 5.6 8.4

68 6.0 5.0 7.6



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

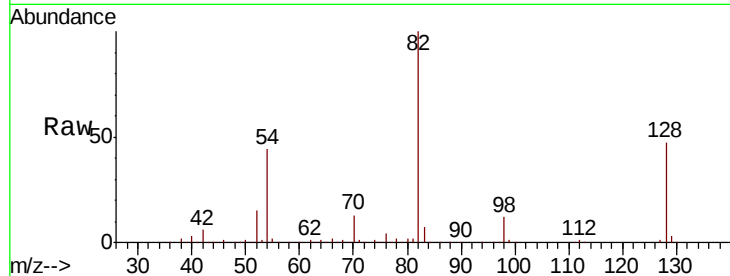




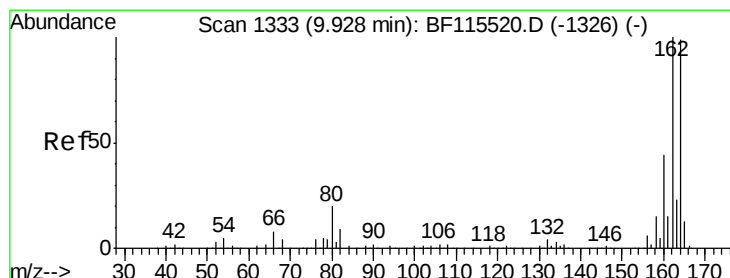
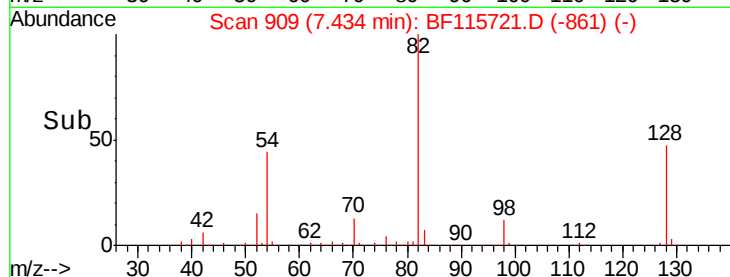
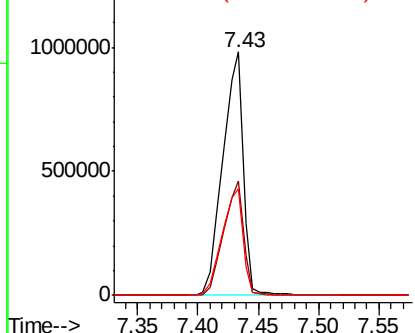
#23
 Nitrobenzene-d5
 Concen: 91.092 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115721.D
 Acq: 23 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BL

Tot Ion: 82 Resp: 1152248
 Ion Ratio Lower Upper
 82 100
 128 47.2 38.6 57.8
 54 43.8 35.6 53.4

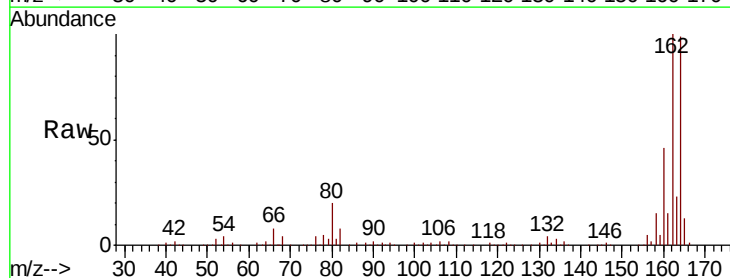


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

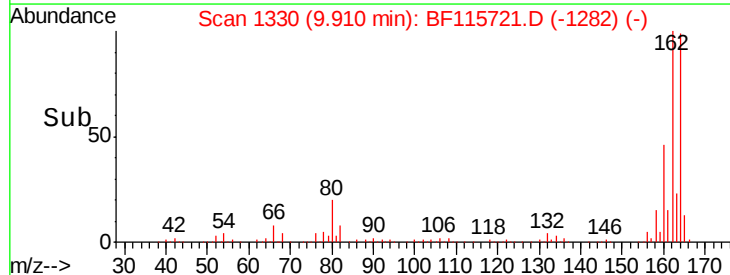
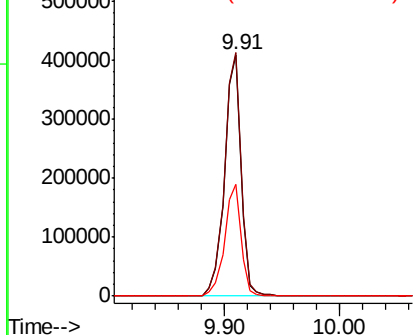


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF115721.D
 Acq: 23 Jul 2019 16:09

Tgt Ion:164 Resp: 406248
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.9 124.3
 160 46.2 36.8 55.2



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

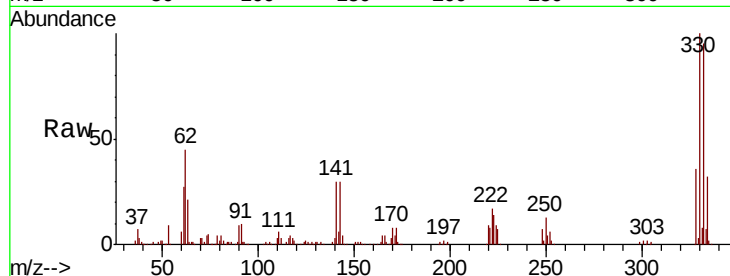




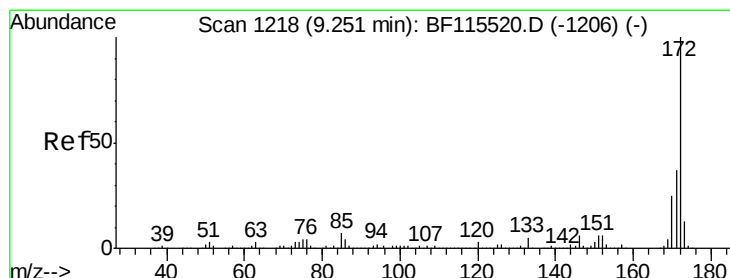
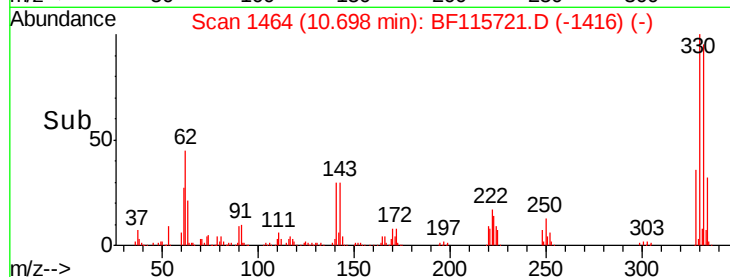
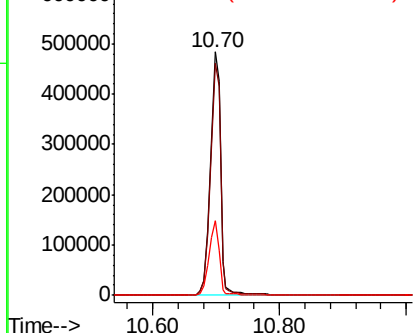
#42
 2,4,6-Tribromophenol
 Concen: 114.363 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115721.D
 Acq: 23 Jul 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB121635BL

Tot Ion:330 Resp: 542298
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 30.7 22.4 33.6

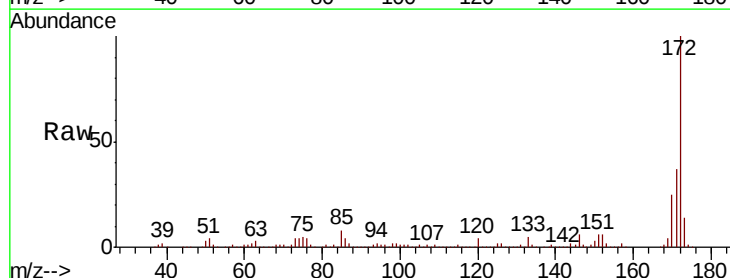


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

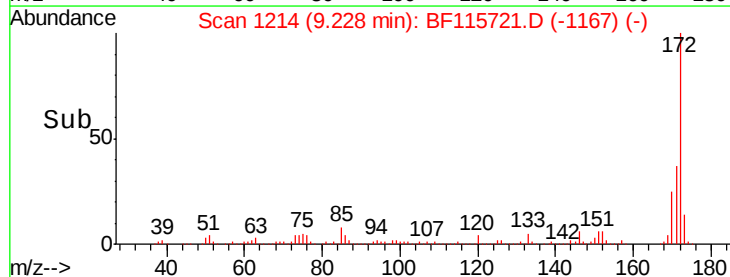
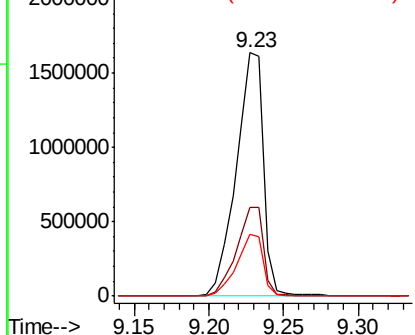


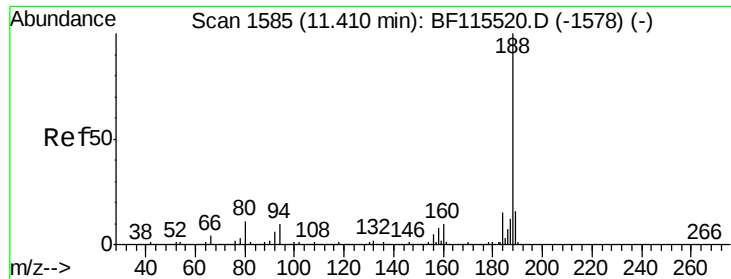
#45
 2-Fluorobiphenyl
 Concen: 89.936 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115721.D
 Acq: 23 Jul 2019 16:09

Tgt Ion:172 Resp: 2087444
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.6 46.0
 170 25.3 20.5 30.7



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

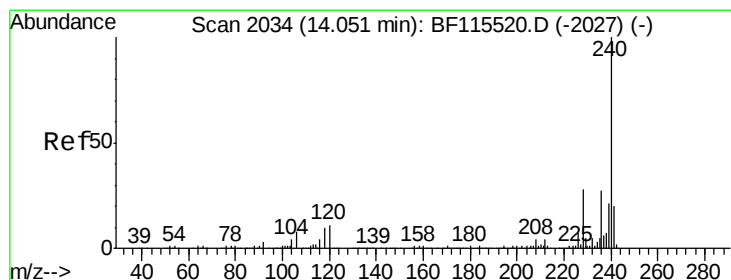
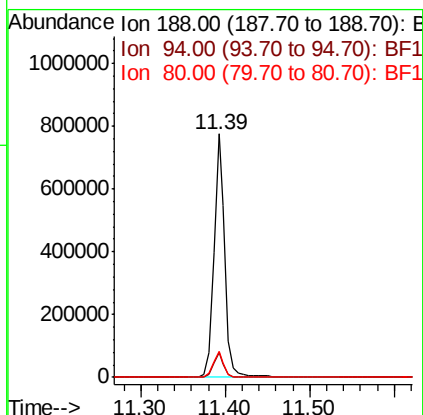
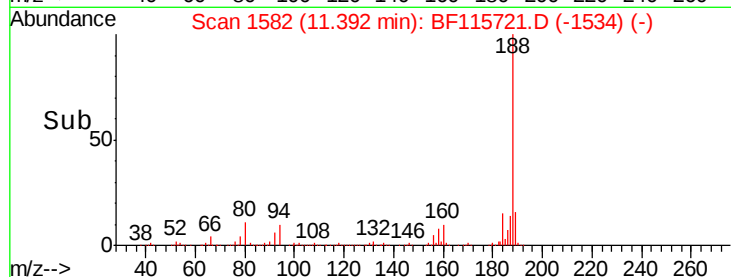
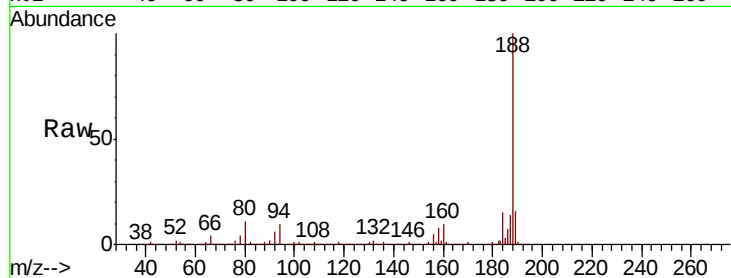




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115721.D
Acq: 23 Jul 2019 16:09

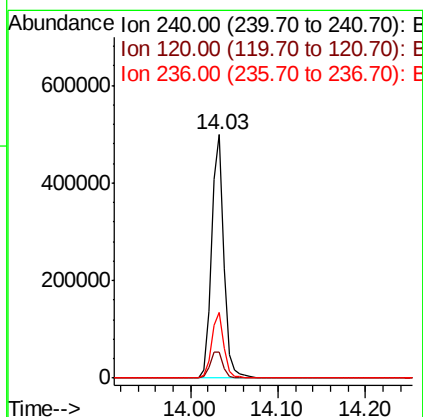
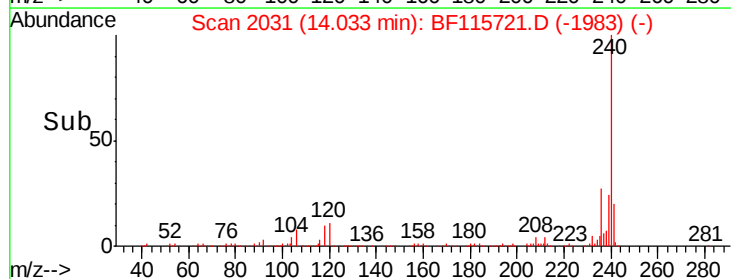
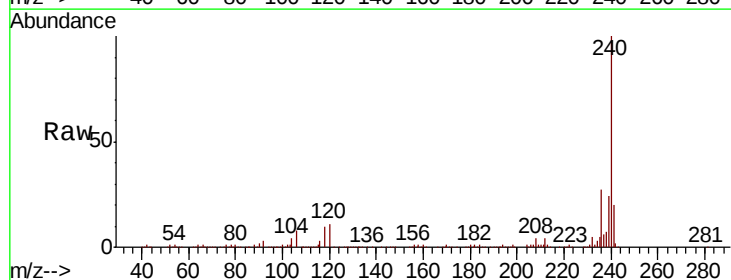
Instrument :
BNA_F
ClientSampleId :
PB121635BL

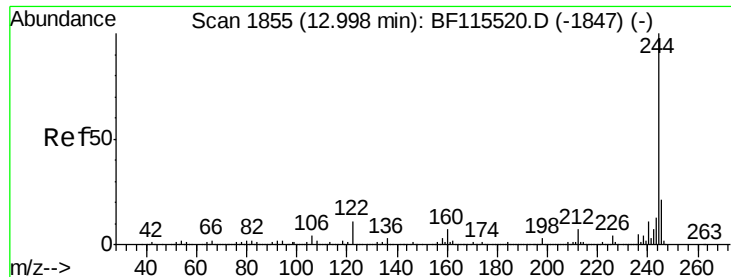
Tot Ion:188 Resp: 711200
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115721.D
Acq: 23 Jul 2019 16:09

Tgt Ion:240 Resp: 486379
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 27.2 21.3 31.9





#79

Terphenyl-d14

Concen: 85.882 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115721.D

Acq: 23 Jul 2019 16:09

Instrument :

BNA_F

ClientSampleId :

PB121635BL

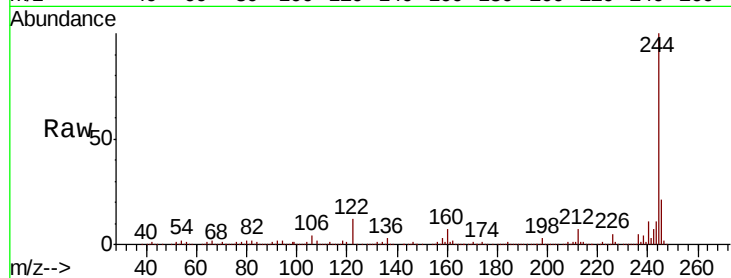
Tot Ion:244 Resp: 2263818

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

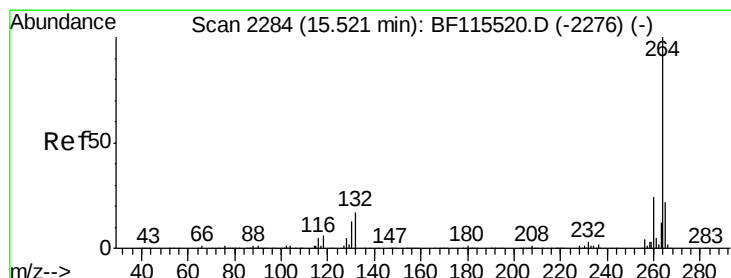
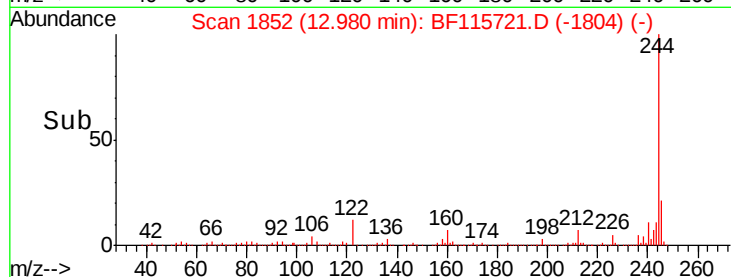
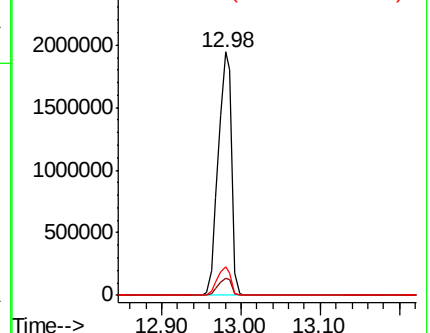
122 11.8 8.6 12.8



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115721.D

Acq: 23 Jul 2019 16:09

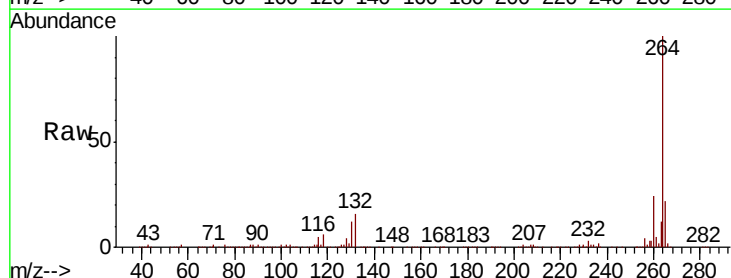
Tgt Ion:264 Resp: 452193

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.8

265 21.7 17.7 26.5



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

