

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111965.D
 Acq On : 9 Jan 2019 22:26
 Operator : JU/SJ
 Sample : K1075-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-1

Quant Time: Jan 10 03:17:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

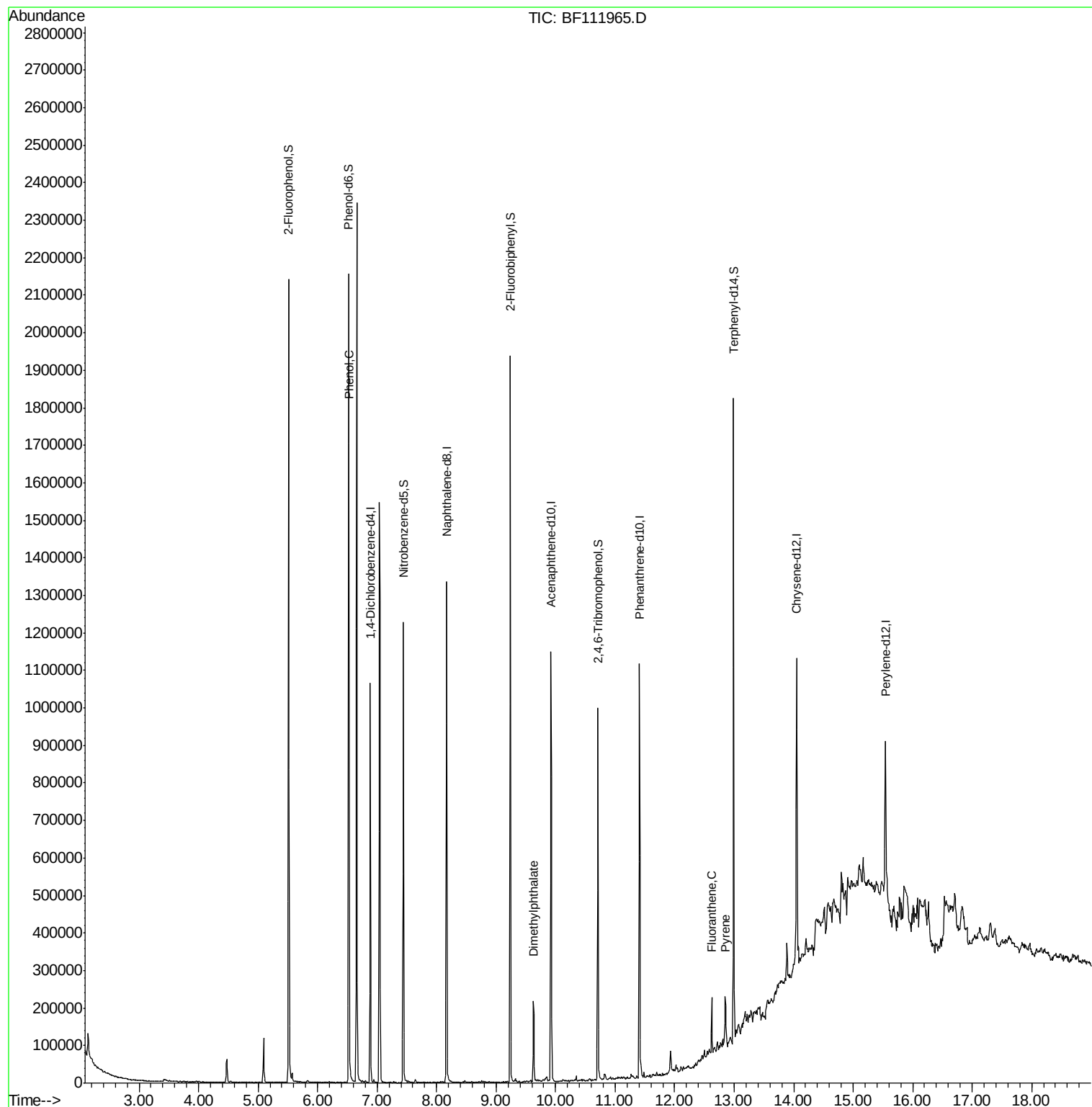
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155825	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	552624	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	213168	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	361363	20.00	ng	0.00
76) Chrysene-d12	14.05	240	273708	20.00	ng	0.00
87) Perylene-d12	15.54	264	208247	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	539287	59.21	ng	0.00
7) Phenol-d6	6.52	99	661560	56.35	ng	-0.01
23) Nitrobenzene-d5	7.44	82	353806	34.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	114342	41.24	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	538348	36.83	ng	-0.01
79) Terphenyl-d14	12.99	244	558650	38.74	ng	0.00
Target Compounds						
10) Phenol	6.53	94	32728	2.565	ng	81
50) Dimethylphthalate	9.63	163	81942	5.117	ng	99
75) Fluoranthene	12.62	202	59802	3.015	ng	98
78) Pyrene	12.85	202	52333	2.779	ng	98

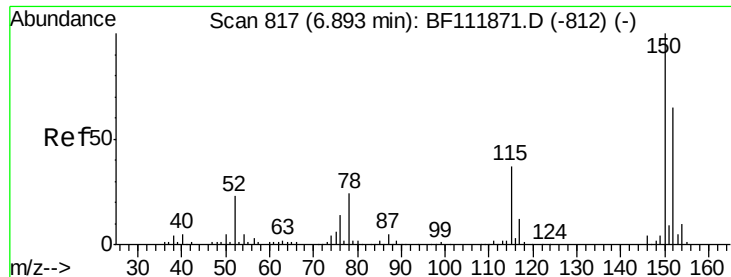
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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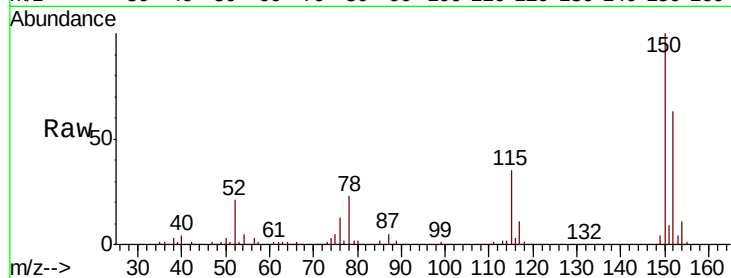


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_F
ClientSampleId :
BASIN-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	55.5	45.2	67.8

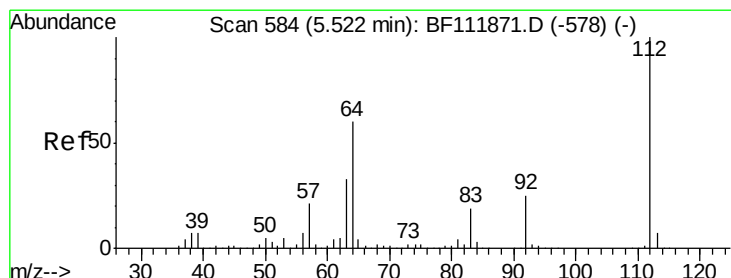
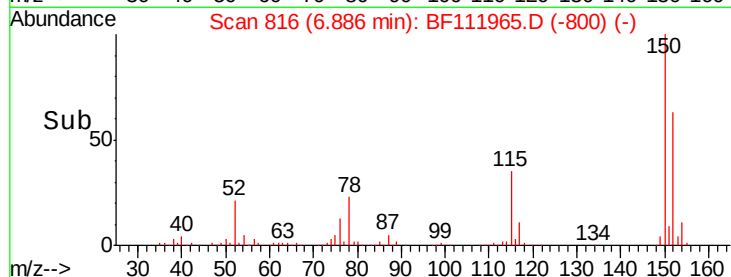
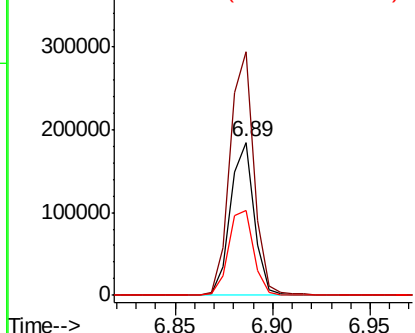


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

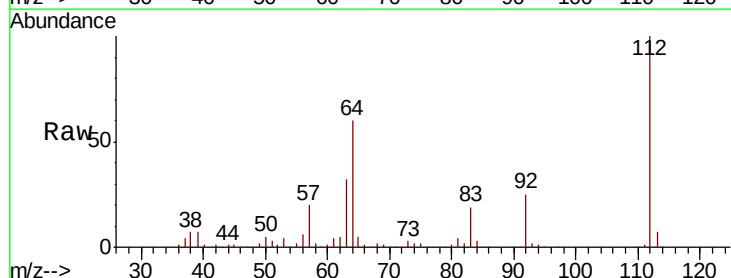
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.209 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.3	72.5
63	32.3	26.1	39.1

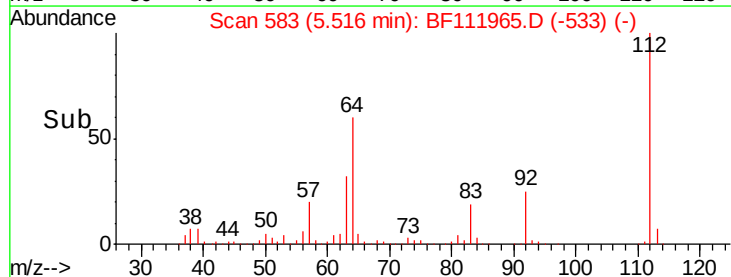
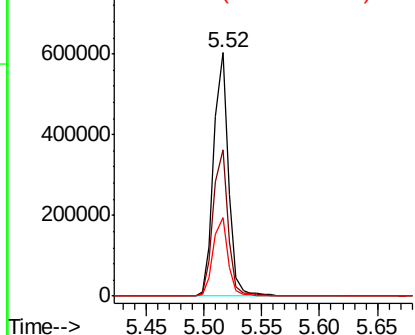


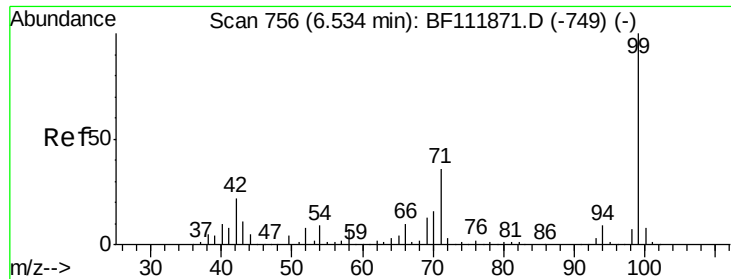
Abundance

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: 56.354 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_F

ClientSampled :

BASIN-1

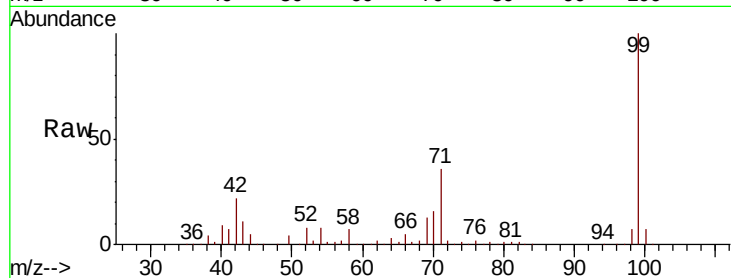
Tot Ion: 99 Resp: 661560

Ion Ratio Lower Upper

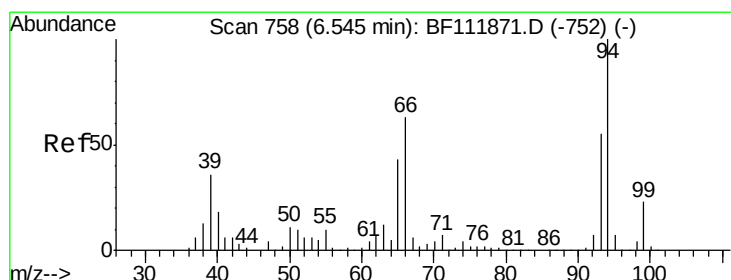
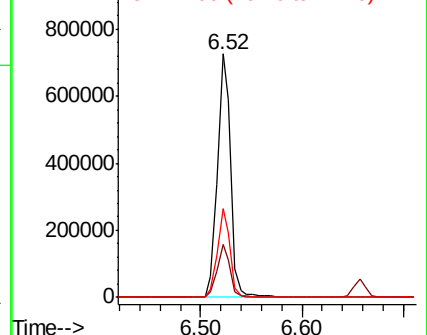
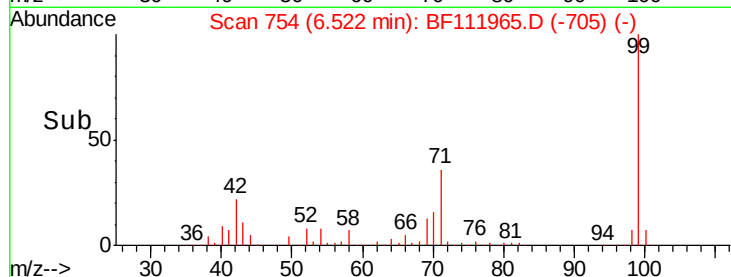
99 100

42 21.9 17.9 26.9

71 36.4 28.7 43.1



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



#10

Phenol

Concen: 2.565 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

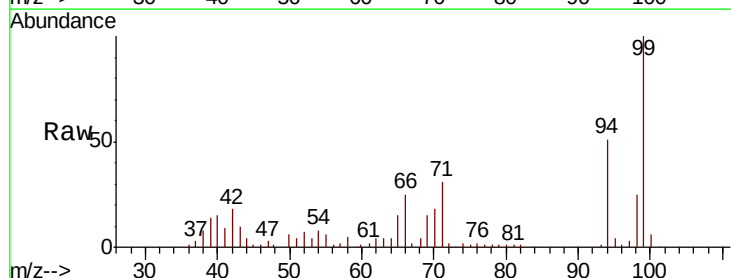
Tgt Ion: 94 Resp: 32728

Ion Ratio Lower Upper

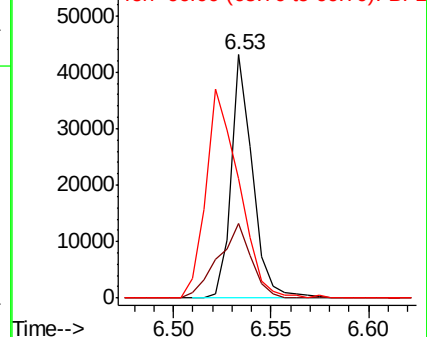
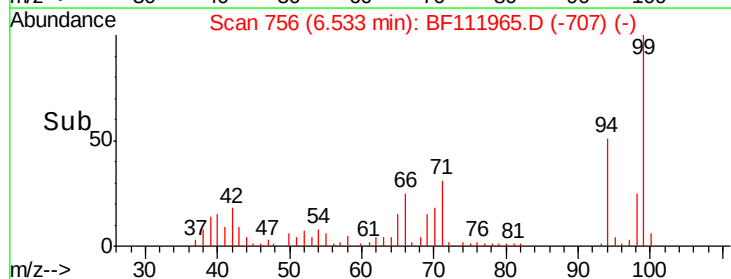
94 100

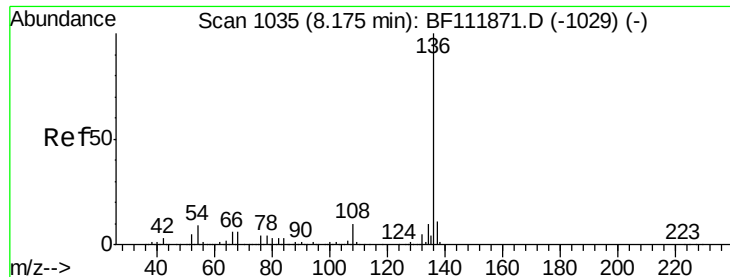
65 30.5 22.8 62.8

66 49.0 43.3 83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

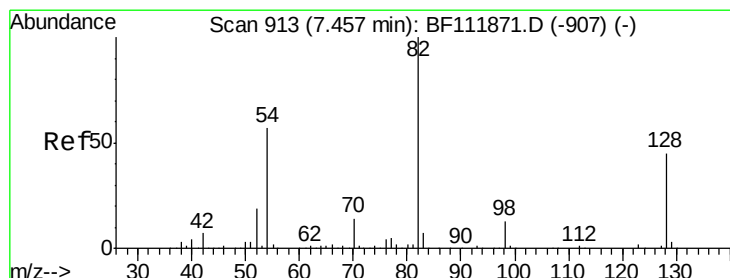
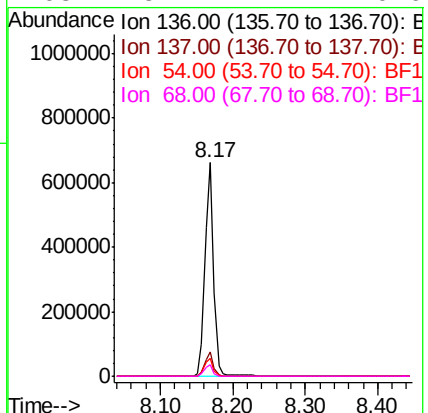
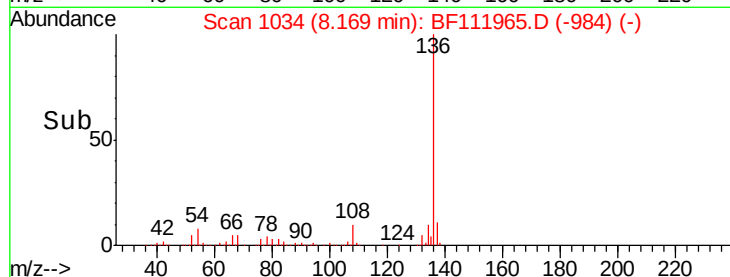
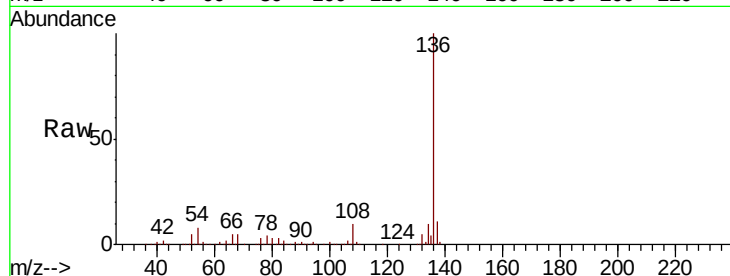




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

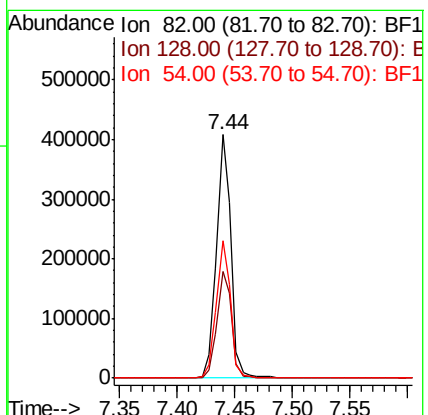
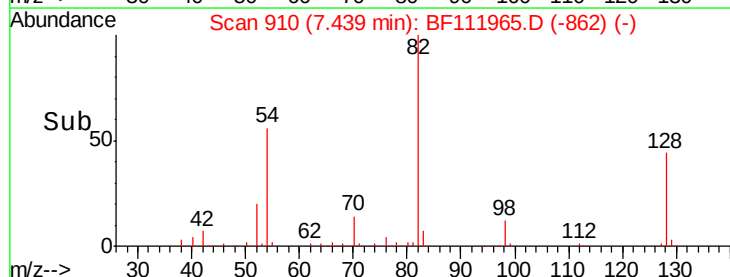
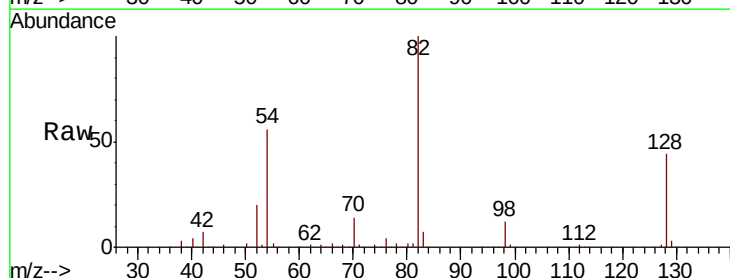
Instrument :
BNA_F
ClientSampleID :
BASIN-1

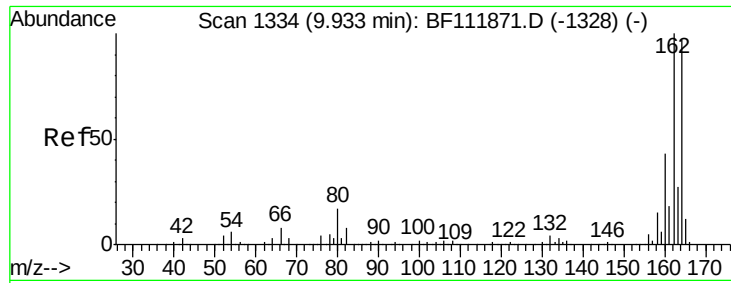
Tot Ion:136 Resp: 552624
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.2 7.2 10.8
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 34.217 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion: 82 Resp: 353806
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 56.5 45.8 68.8

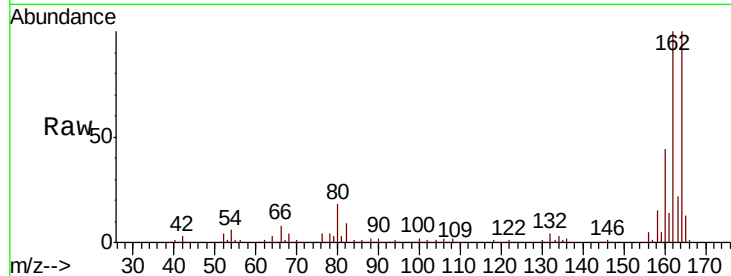




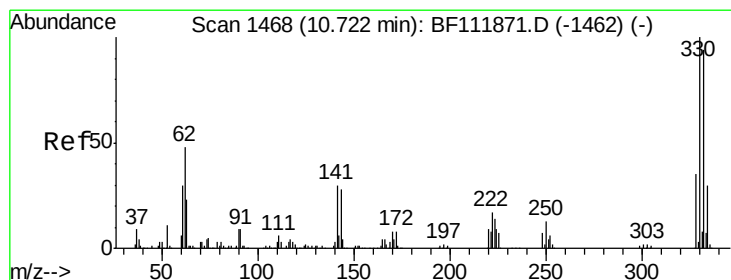
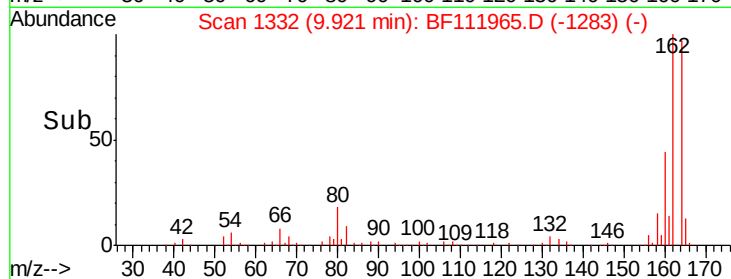
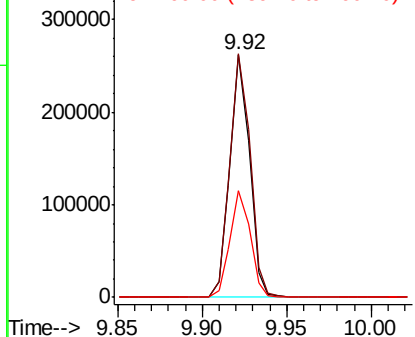
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_F
ClientSampleId :
BASIN-1

Tot Ion:164 Resp: 213168
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 44.1 35.5 53.3

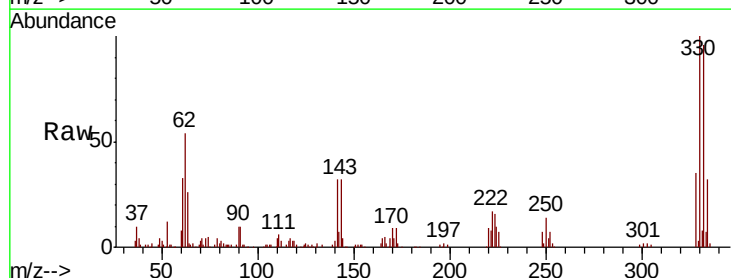


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

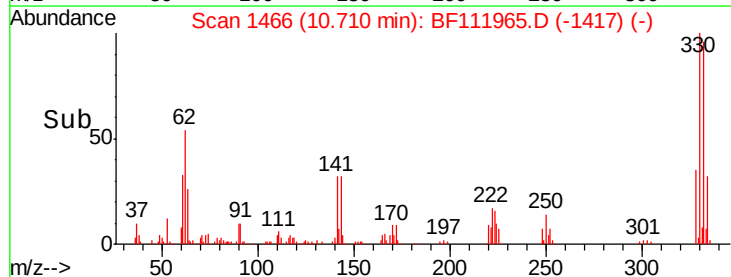
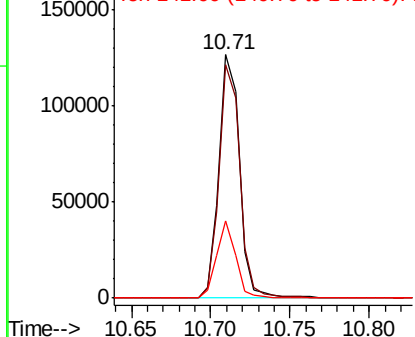


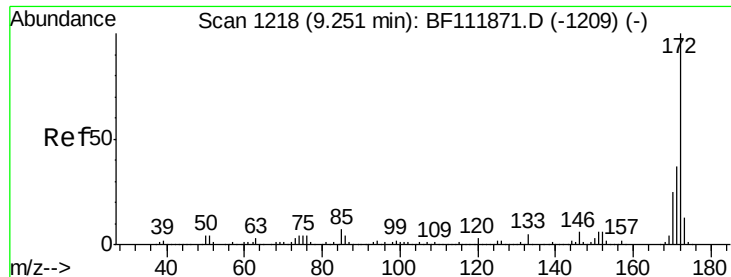
#42
2,4,6-Tribromophenol
Concen: 41.239 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111965.D
Acq: 9 Jan 2019 22:26

Tgt Ion:330 Resp: 114342
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 29.8 23.7 35.5



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

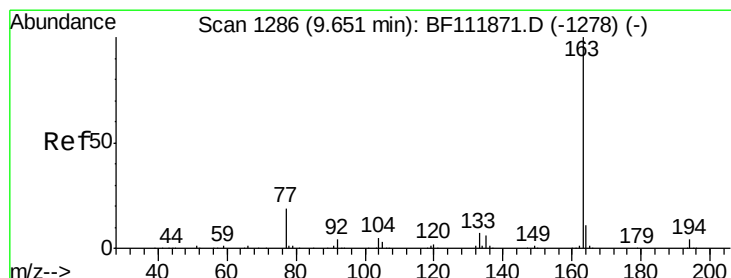
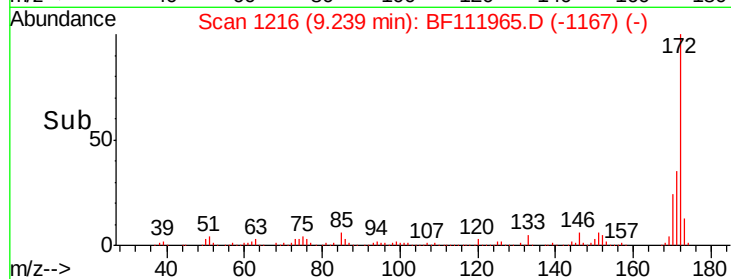
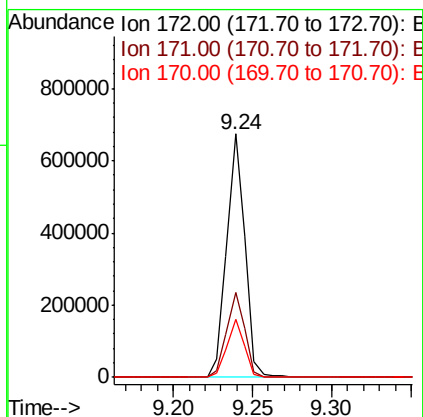
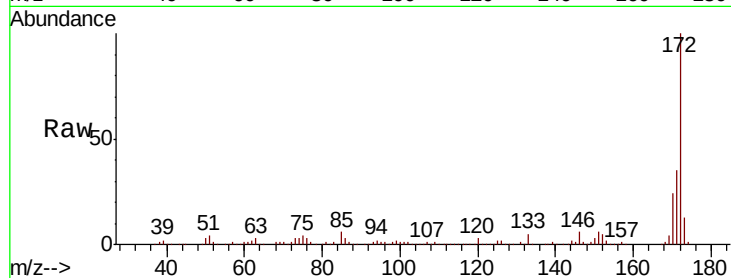




#45
 2-Fluorobiphenyl
 Concen: 36.826 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111965.D
 Acq: 9 Jan 2019 22:26

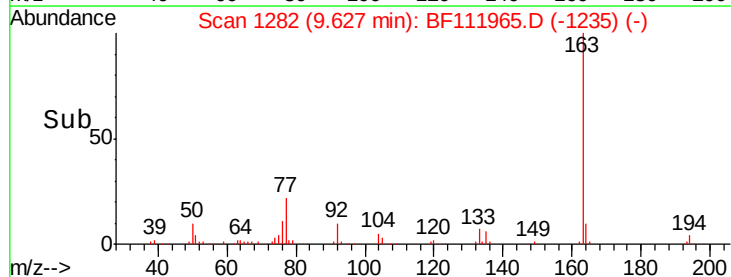
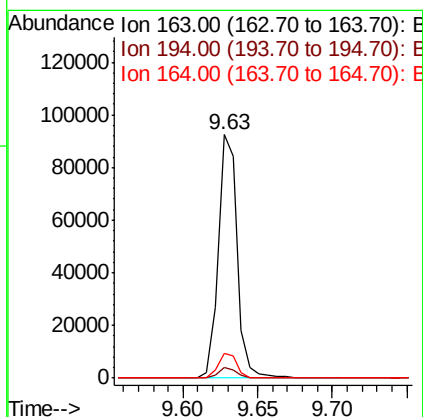
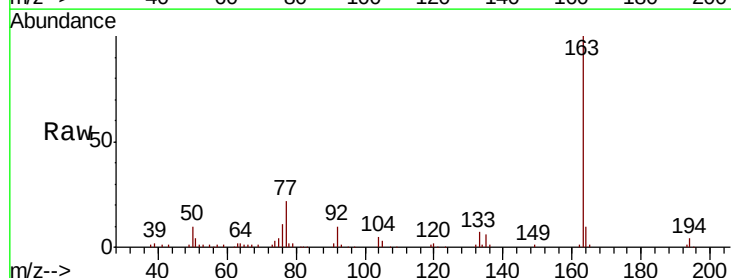
Instrument :
 BNA_F
 ClientSampleId :
 BASIN-1

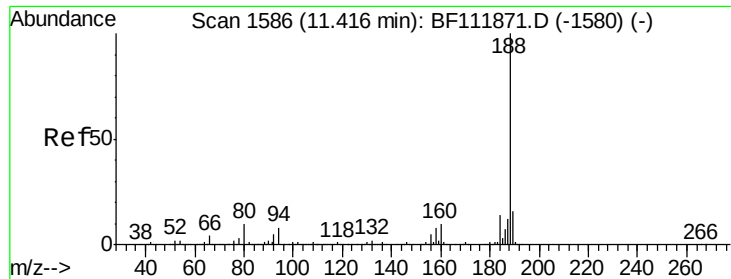
Tot Ion:172 Resp: 538348
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.6 19.8 29.8



#50
 Dimethylphthalate
 Concen: 5.117 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF111965.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:163 Resp: 81942
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.0 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_F

ClientSampleId :

BASIN-1

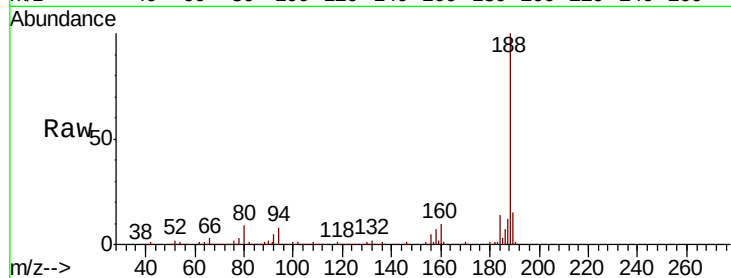
Tot Ion:188 Resp: 361363

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

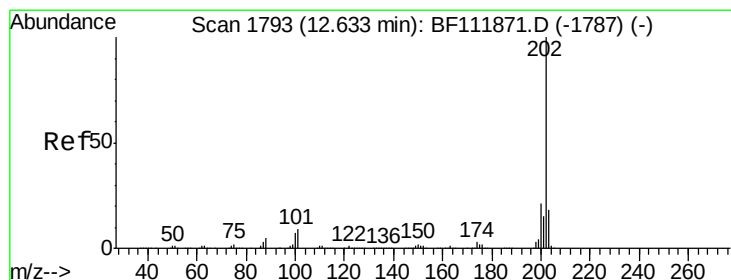
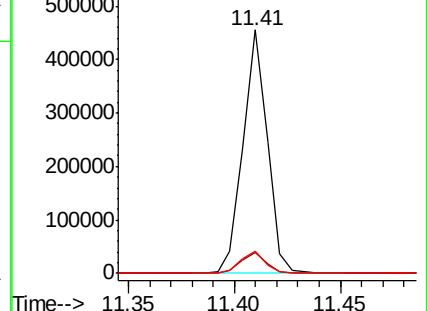
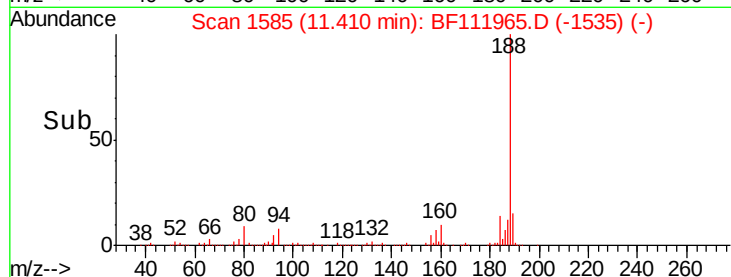
80 9.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 3.015 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

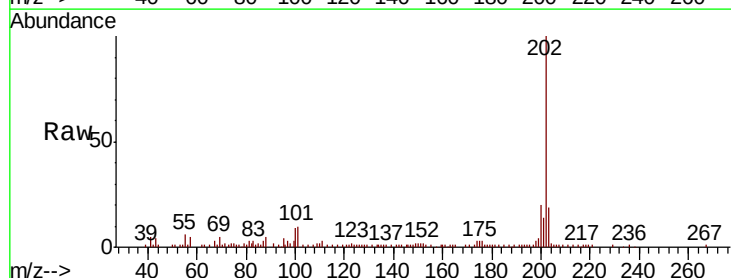
Tgt Ion:202 Resp: 59802

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

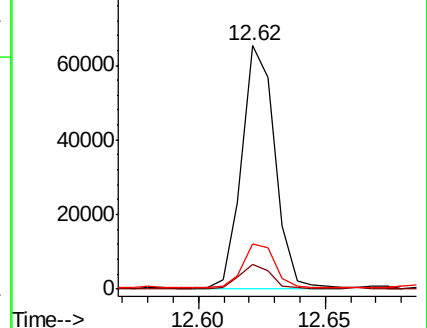
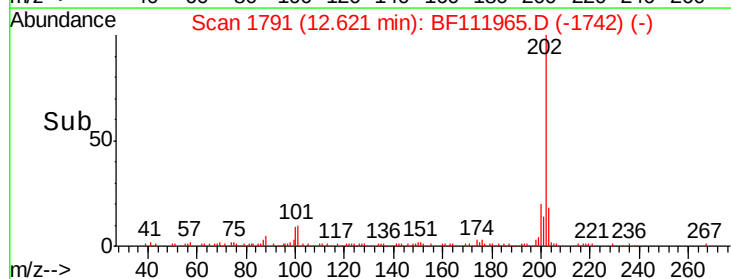
203 18.7 0.0 37.6

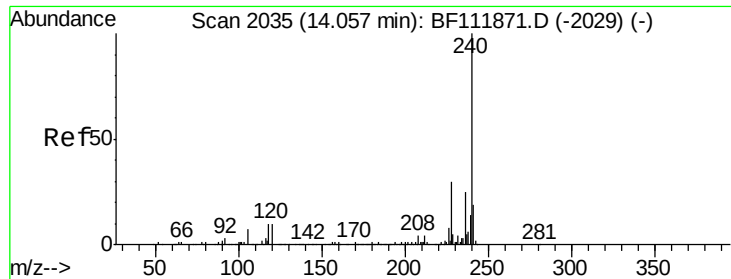


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

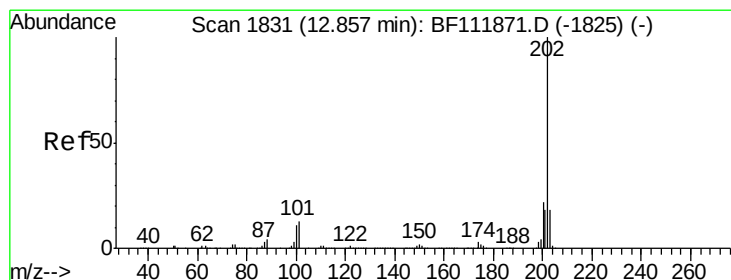
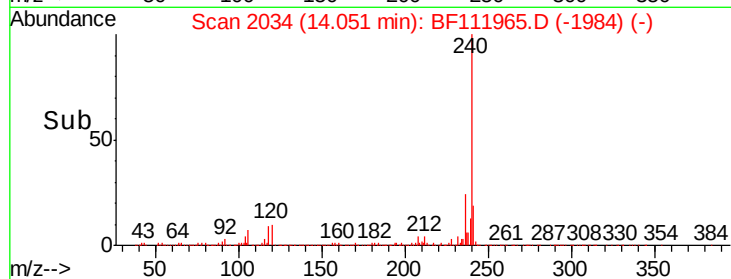
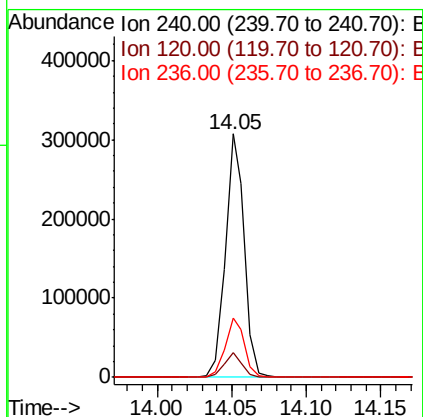
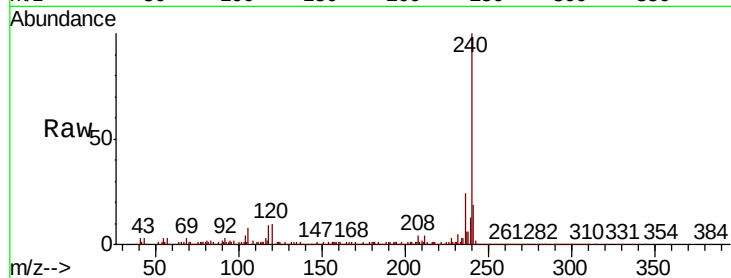




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111965.D
 Acq: 9 Jan 2019 22:26

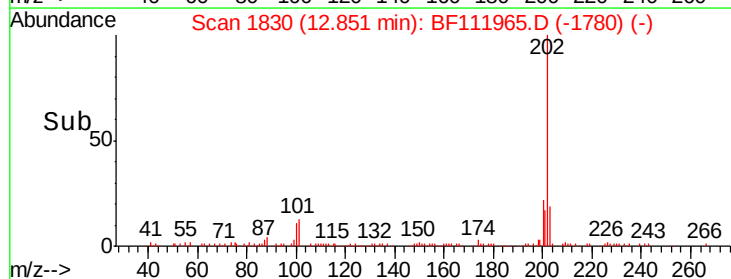
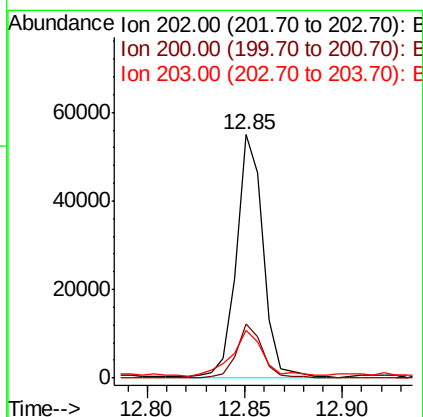
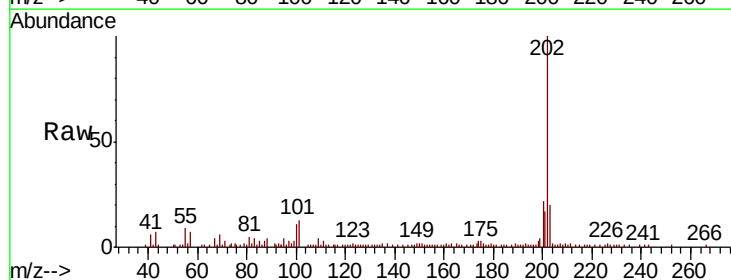
Instrument :
 BNA_F
 ClientSampleId :
 BASIN-1

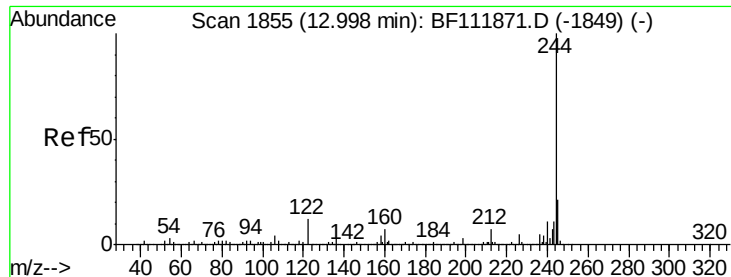
Tot Ion:240 Resp: 273708
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.2 12.2
 236 24.1 20.2 30.4



#78
 Pyrene
 Concen: 2.779 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF111965.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:202 Resp: 52333
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.4 26.2
 203 19.5 14.6 21.8





#79

Terphenyl-d14

Concen: 38.744 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_F

ClientSampleId :

BASIN-1

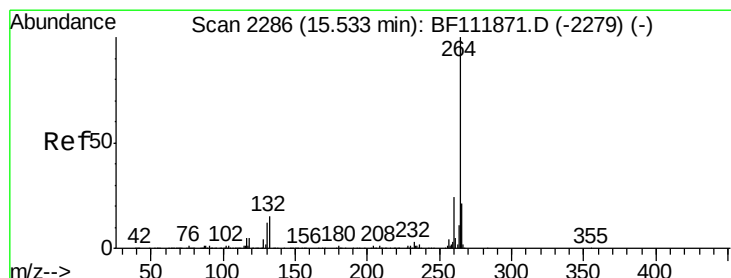
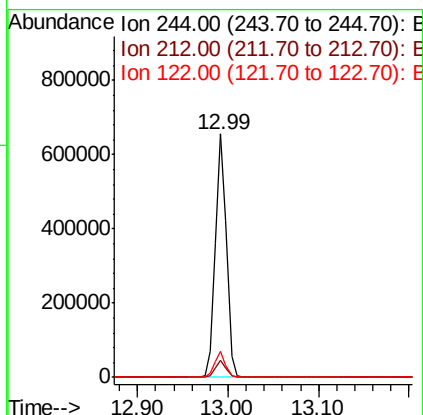
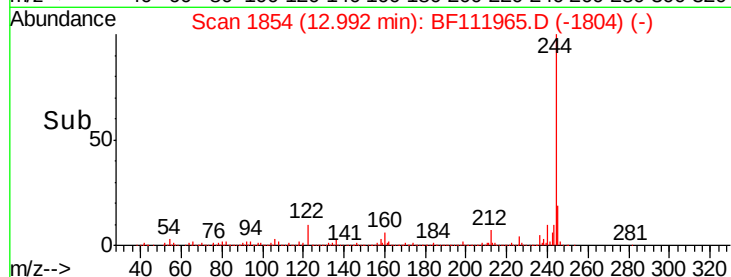
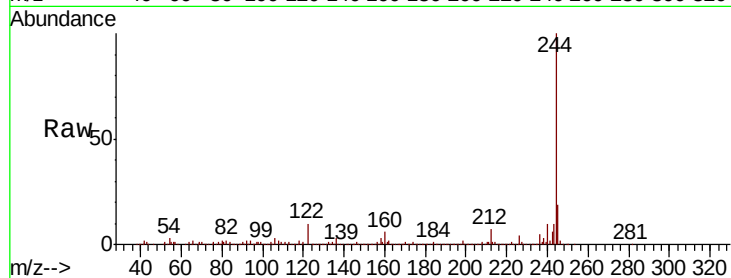
Tot Ion:244 Resp: 558650

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.4 9.5 14.3



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF111965.D

Acq: 9 Jan 2019 22:26

Tgt Ion:264 Resp: 208247

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.0 17.1 25.7

