

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113073.D
 Acq On : 15 Mar 2019 18:41
 Operator : JU/SJ
 Sample : K1685-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-D

Quant Time: Mar 15 23:54:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	140513	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	558913	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	275782	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	584232	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	458994	20.00	ng	0.00
87) Perylene-d12	15.27	264	466383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	171731	19.01	ng	-0.01
7) Phenol-d6	6.36	99	233044	20.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	123660	13.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	80974	27.66	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	288952	13.08	ng	-0.01
79) Terphenyl-d14	12.82	244	319253	13.48	ng	0.00

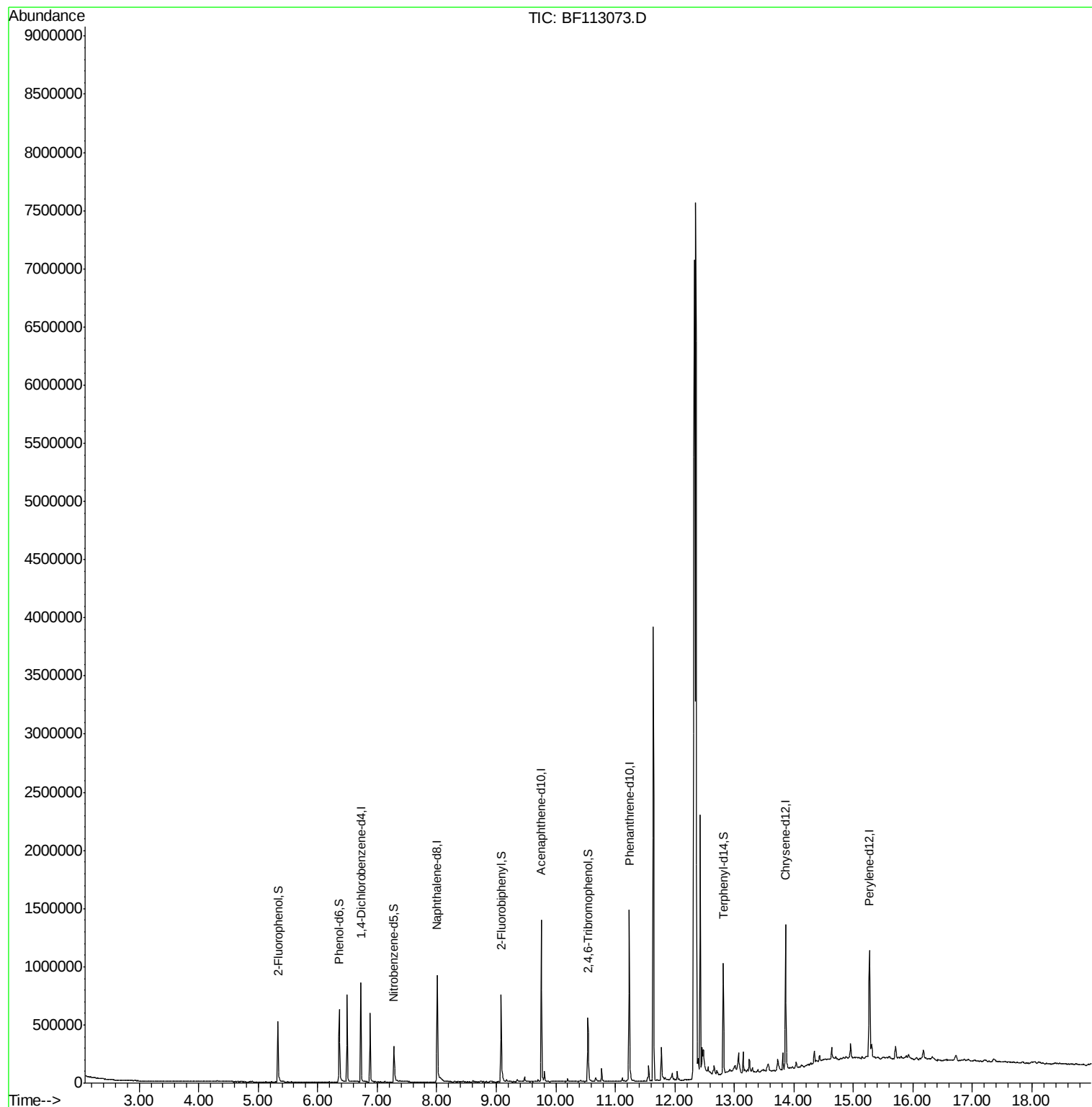
Target Compounds Qvalue

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

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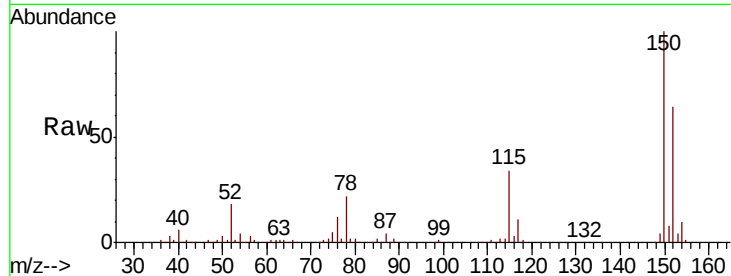


#1

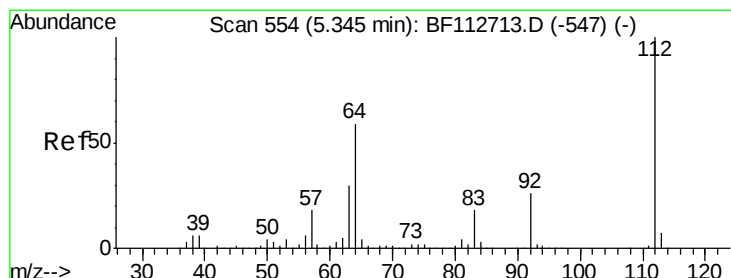
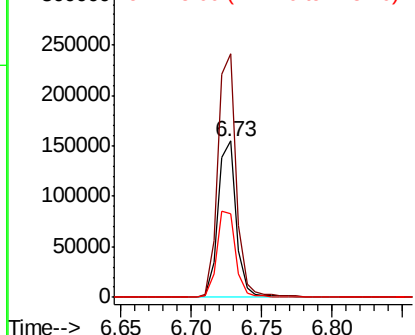
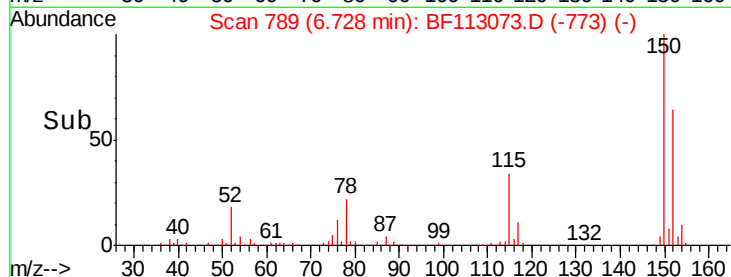
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tot Ion:152 Resp: 140513
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 53.4 48.2 72.4



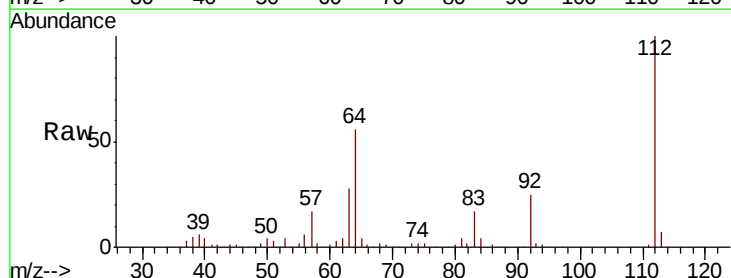
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



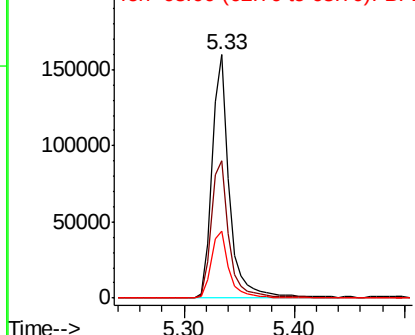
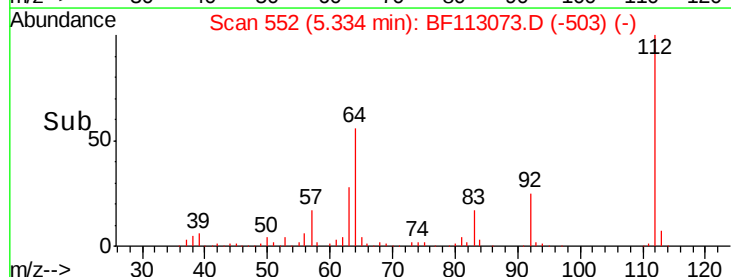
#5

2-Fluorophenol
Concen: 19.011 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:112 Resp: 171731
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 27.7 24.4 36.6



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: 20.538 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-D

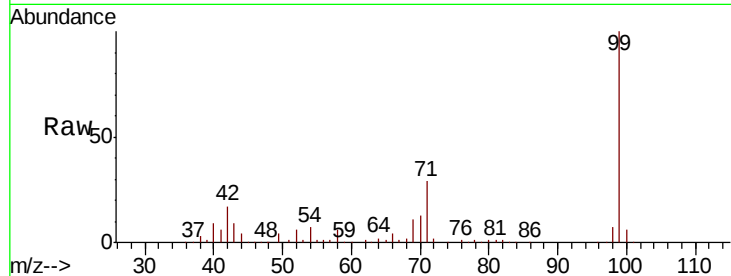
Tot Ion: 99 Resp: 233044

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

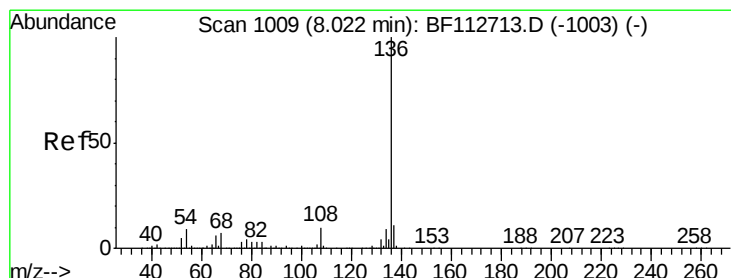
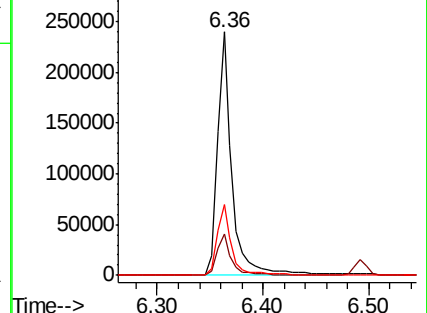
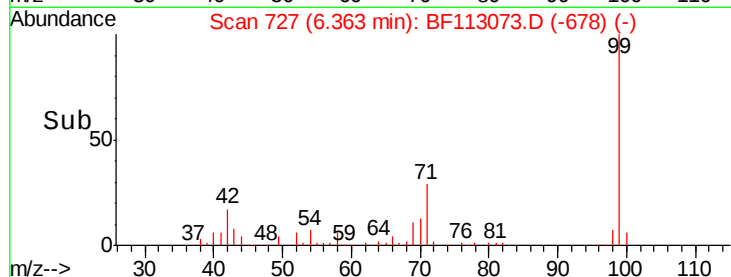
71 29.2 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

Tgt Ion: 136 Resp: 558913

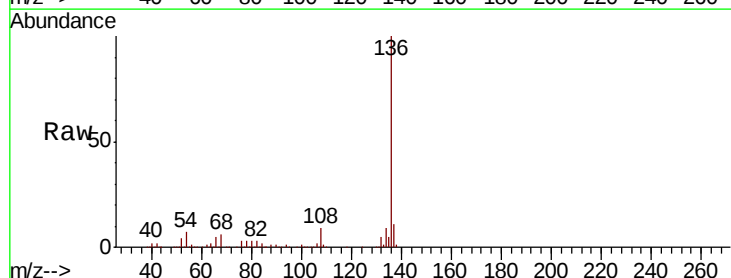
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 7.3 10.9#

68 5.8 5.4 8.2

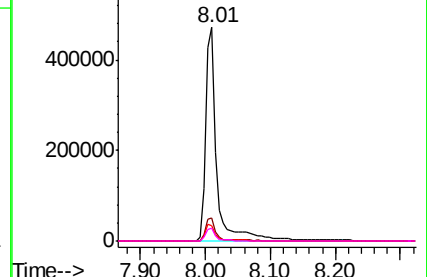
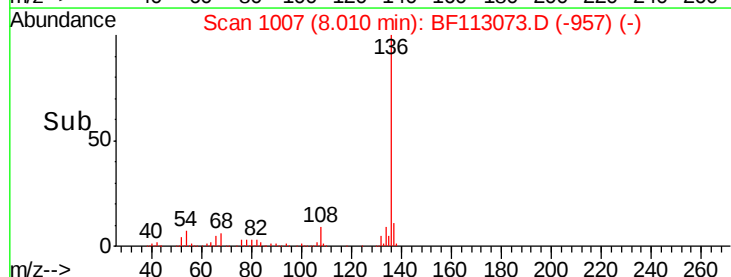


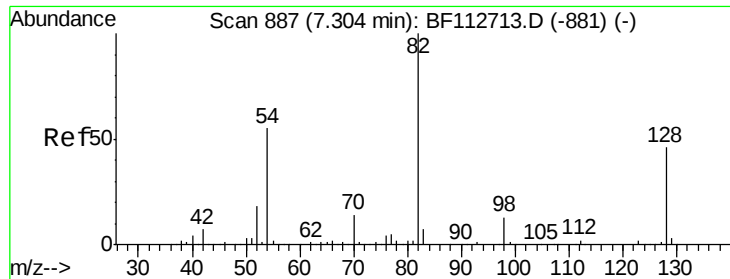
Abundance Ion 136.00 (135.70 to 136.70): E

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

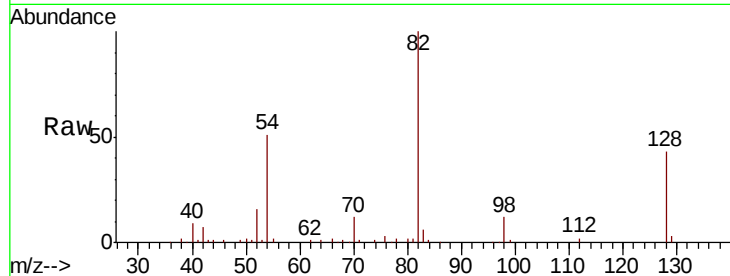




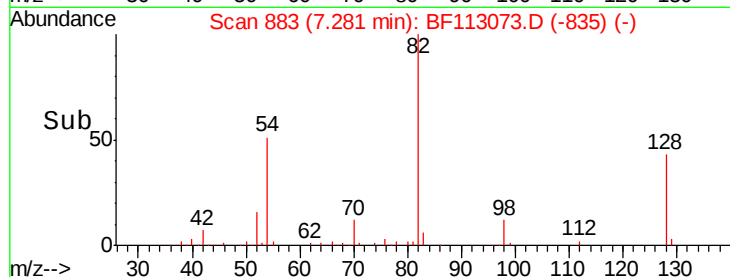
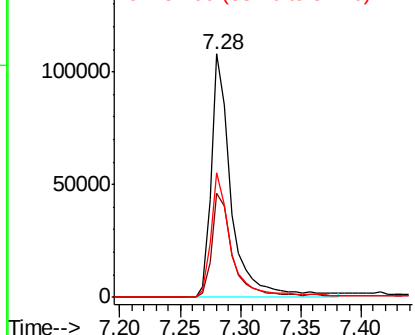
#23
Nitrobenzene-d5
Concen: 13.239 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-D

Tot Ion: 82 Resp: 123660
Ion Ratio Lower Upper
82 100
128 43.0 36.3 54.5
54 50.9 43.7 65.5

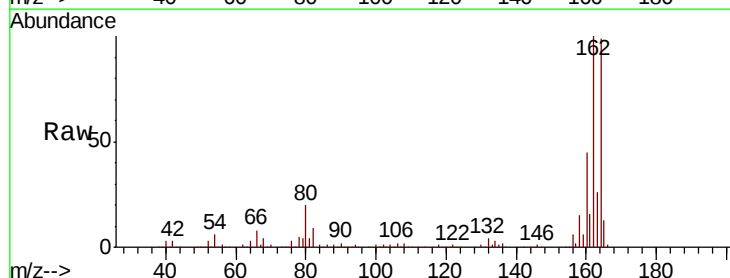


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

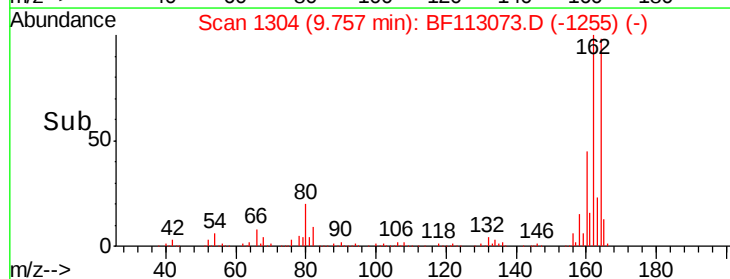
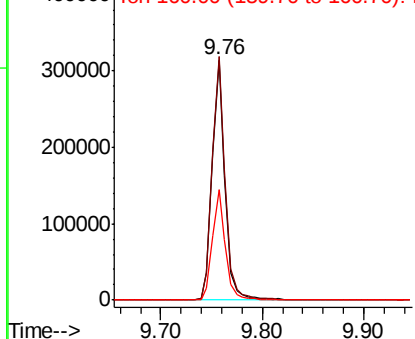


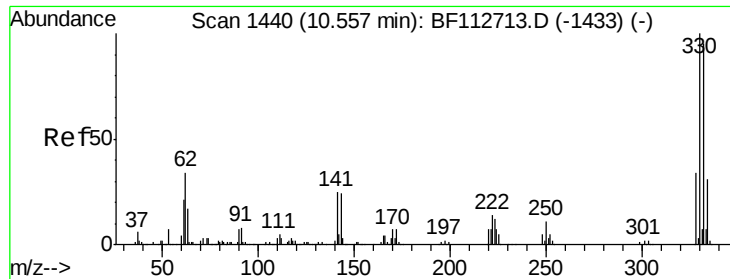
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:164 Resp: 275782
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 46.1 36.0 54.0



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: 27.657 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-D

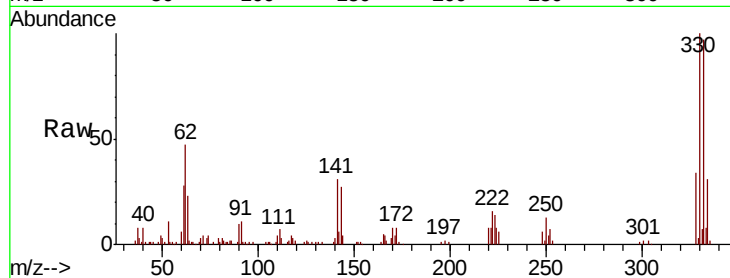
Tot Ion:330 Resp: 80974

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

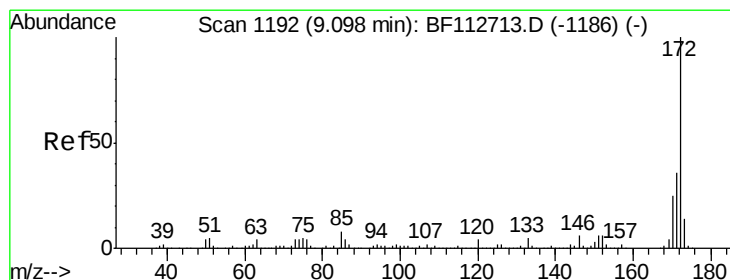
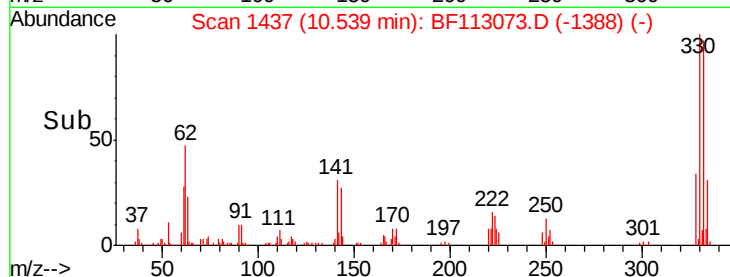
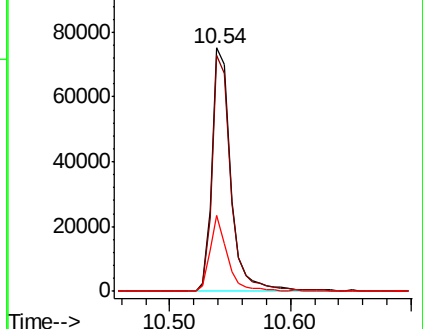
141 28.5 27.0 40.6



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: 13.084 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

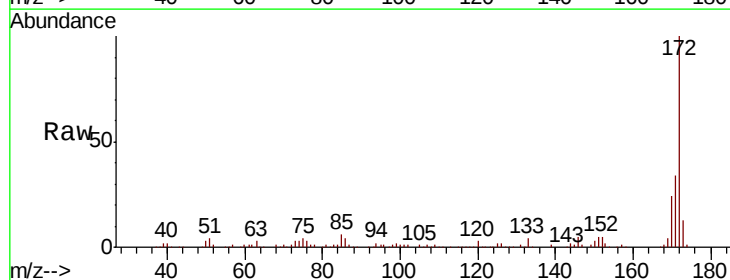
Tgt Ion:172 Resp: 288952

Ion Ratio Lower Upper

172 100

171 34.2 29.0 43.4

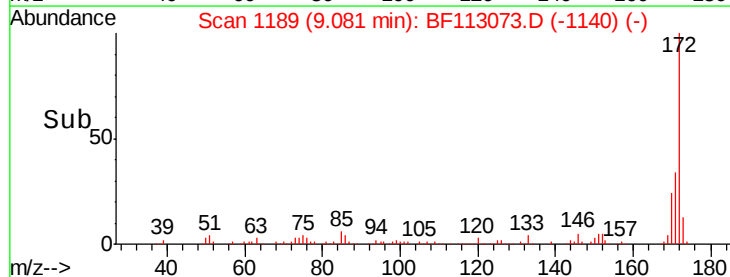
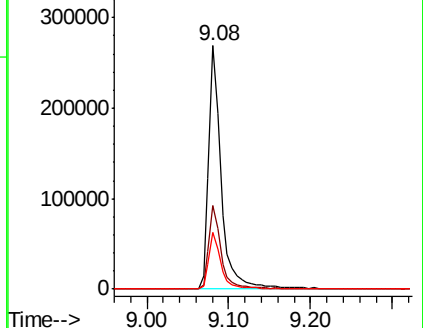
170 23.5 20.0 30.0

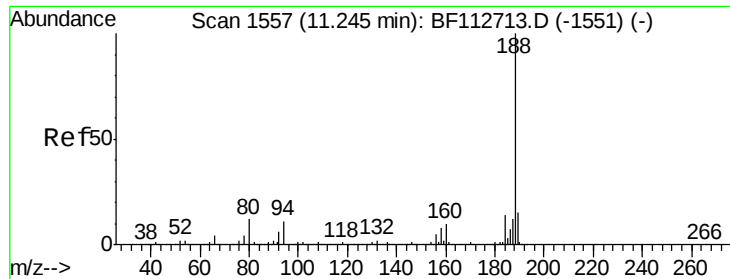


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

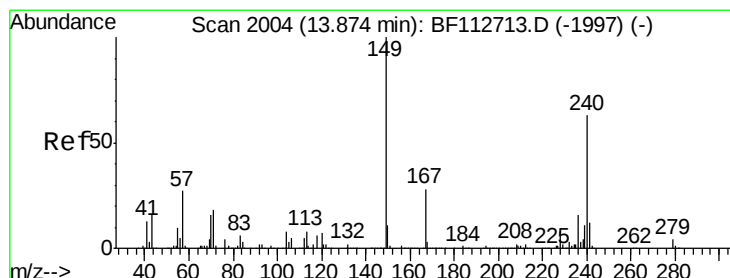
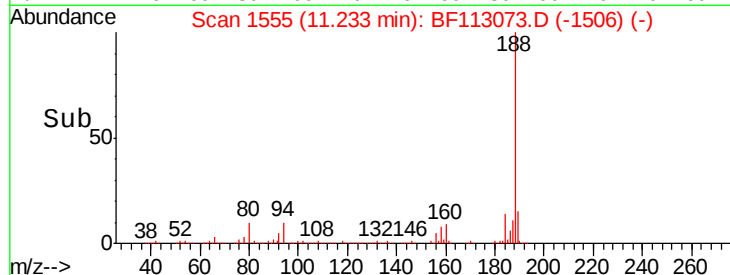
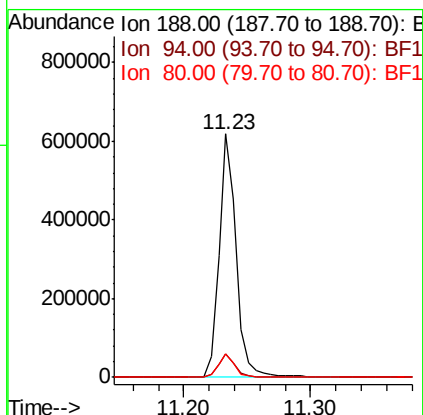
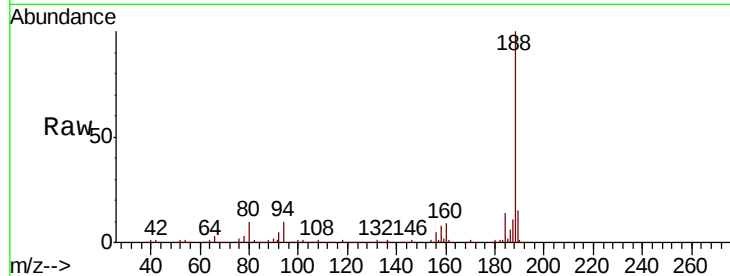




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

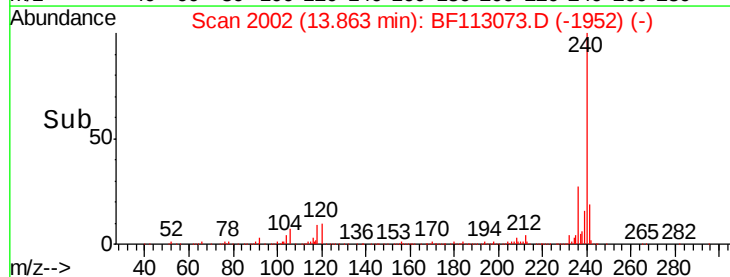
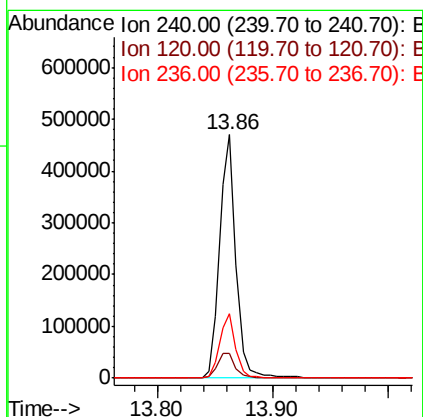
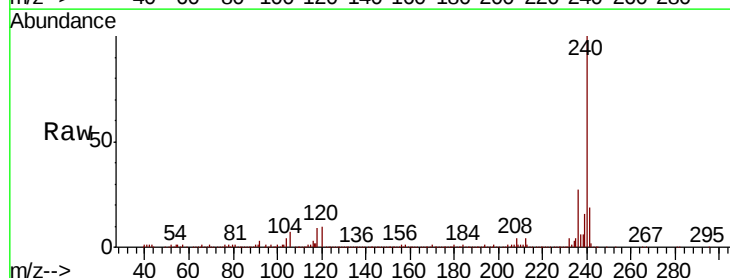
Instrument :
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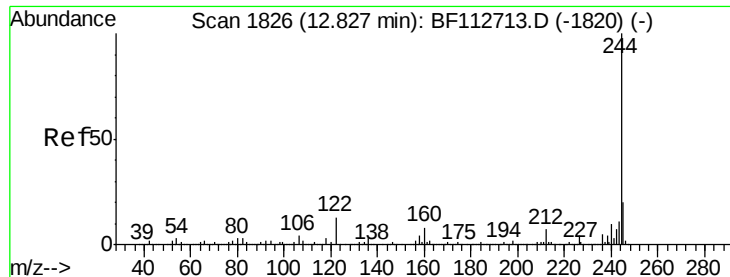
Tot Ion:188 Resp: 584232
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113073.D
Acq: 15 Mar 2019 18:41

Tgt Ion:240 Resp: 458994
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.7 20.7 31.1





#79

Terphenyl-d14

Concen: 13.483 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-D

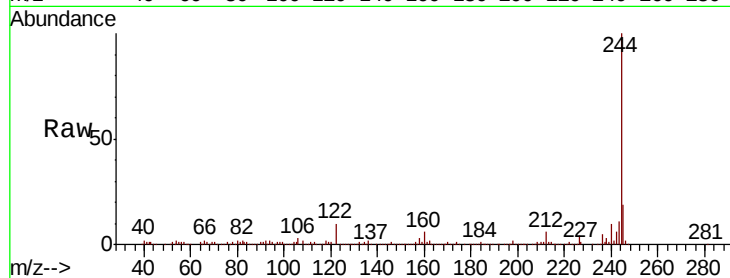
Tot Ion:244 Resp: 319253

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

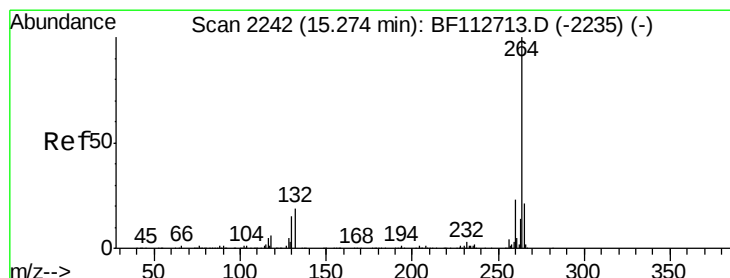
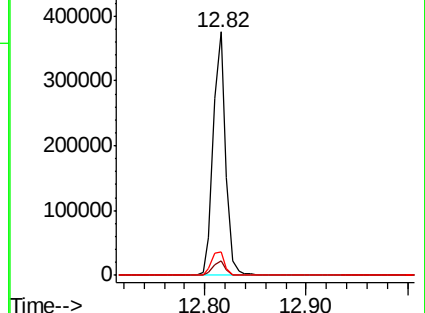
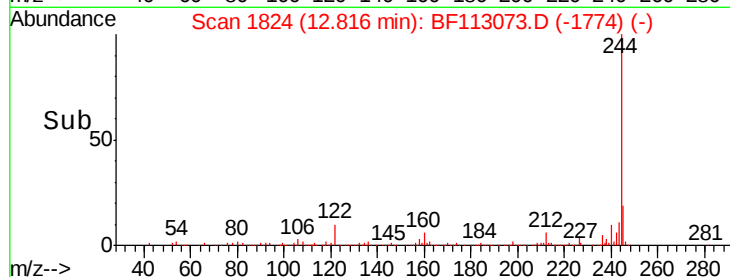
122 9.6 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113073.D

Acq: 15 Mar 2019 18:41

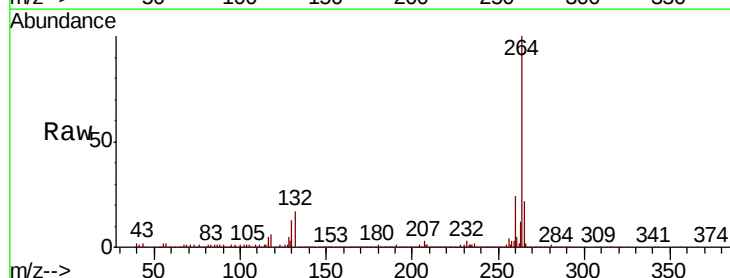
Tgt Ion:264 Resp: 466383

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.9 17.2 25.8



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

