

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096475.D
 Acq On : 5 Jul 2017 11:13
 Operator : SJ/MA
 Sample : I3950-14 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6-2-4

Quant Time: Jul 05 13:42:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118255	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	497055	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	208757	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	315701	20.00	ng	0.00
75) Chrysene-d12	13.86	240	239801	20.00	ng	-0.01
86) Perylene-d12	15.27	264	197454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	80513	10.05	ng	-0.01
7) Phenol-d6	6.34	99	99236	10.08	ng	-0.02
23) Nitrobenzene-d5	7.26	82	54832	6.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	14750	9.05	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	112134	9.18	ng	-0.01
78) Terphenyl-d14	12.81	244	74665	6.65	ng	0.00

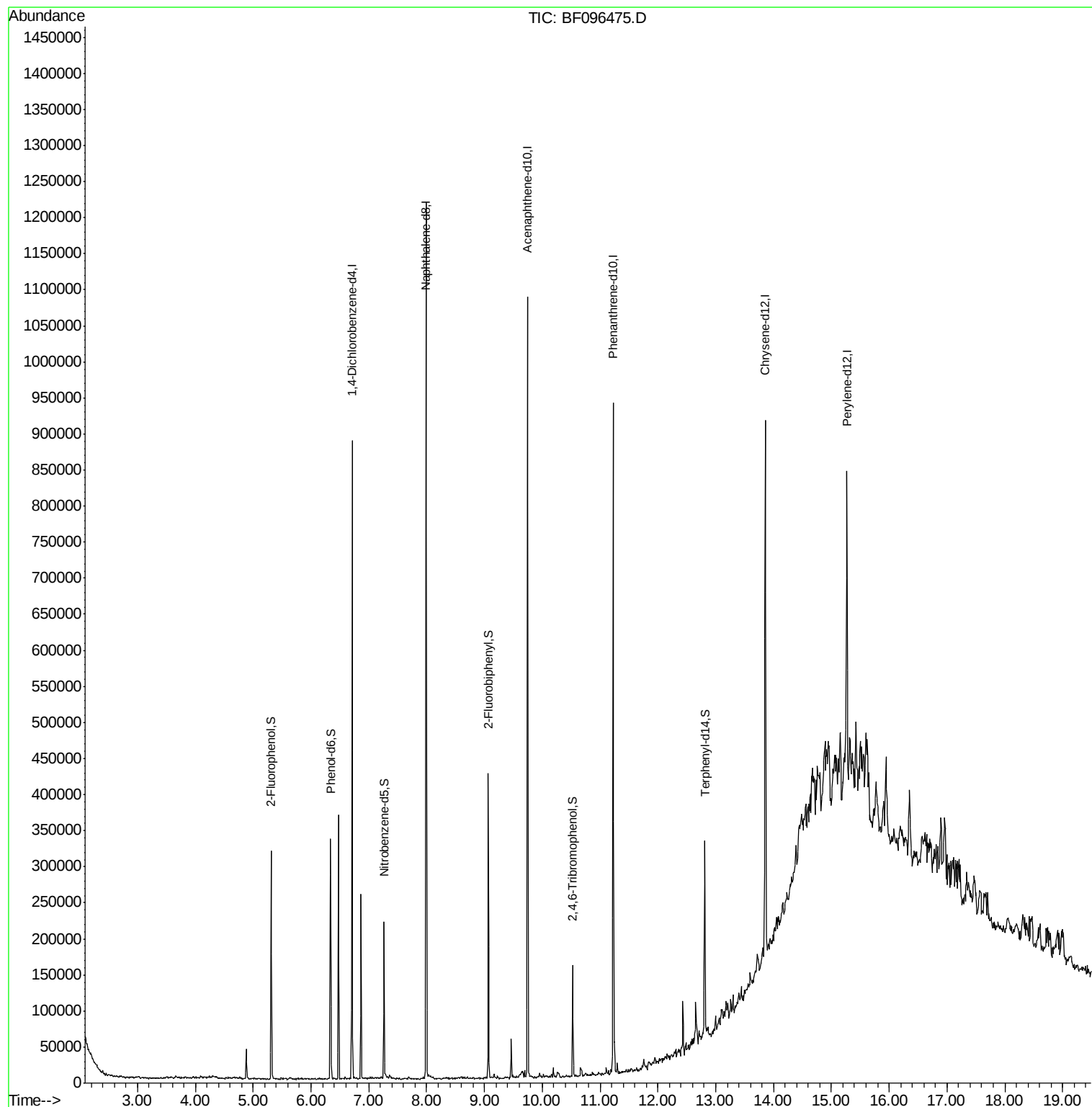
Target Compounds Qvalue

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

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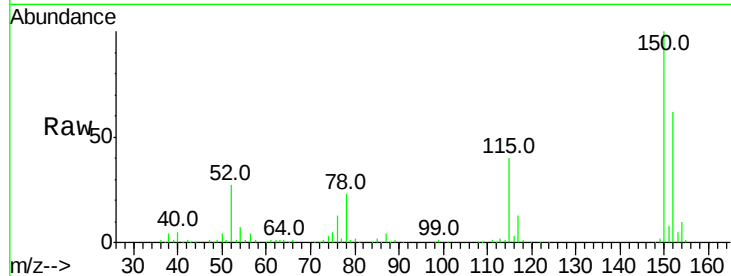


#1

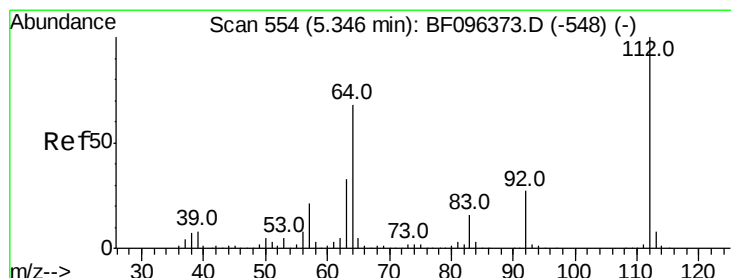
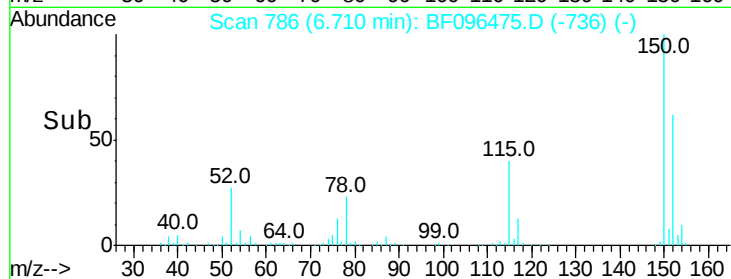
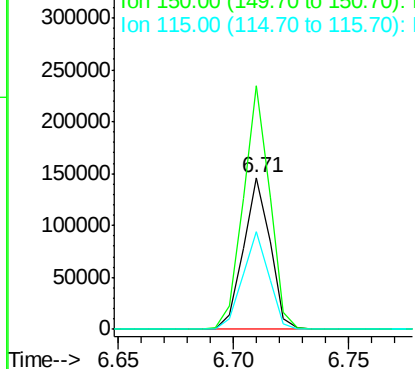
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Instrument :
BNA_F
ClientSampled :
B6-2-4

Tot Ion:152 Resp: 118255
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 64.0 52.2 78.2



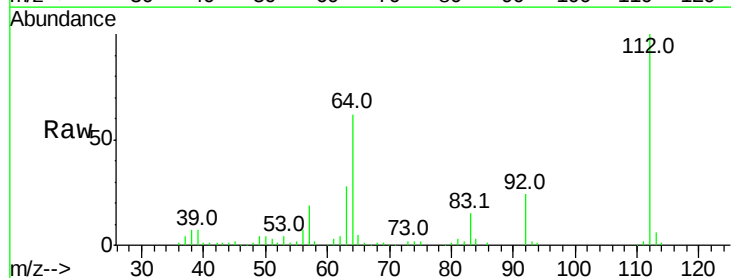
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



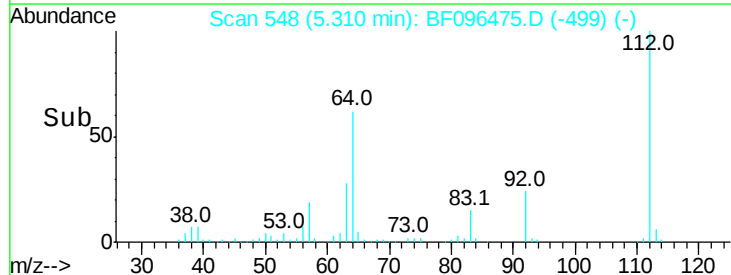
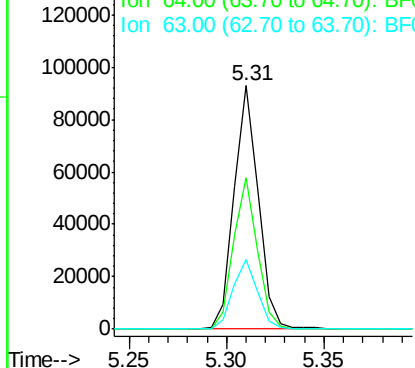
#5

2-Fluorophenol
Concen: 10.05 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Tgt Ion:112 Resp: 80513
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.08 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Instrument :

BNA_F

ClientSampleId :

B6-2-4

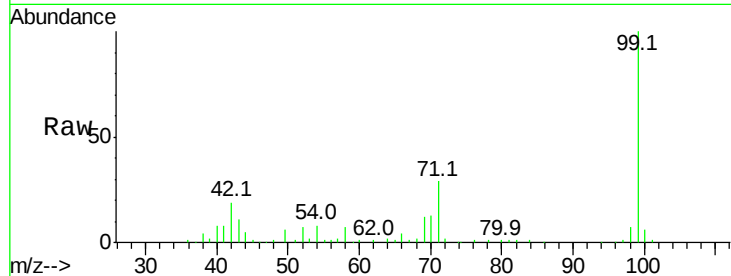
Tot Ion: 99 Resp: 99236

Ion Ratio Lower Upper

99 100

42 19.4 13.5 20.3

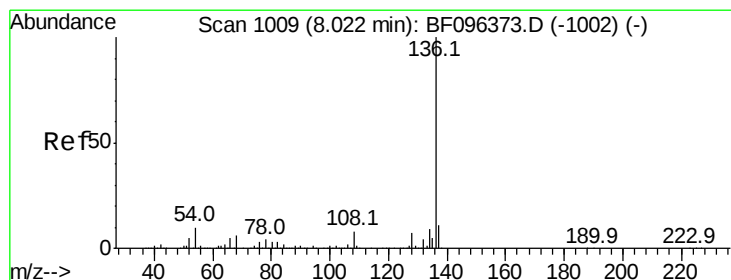
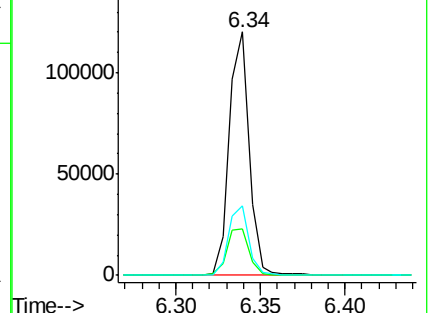
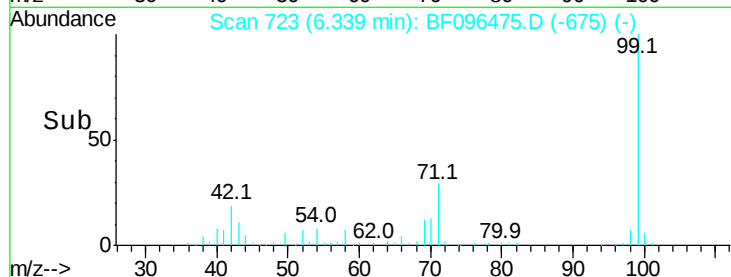
71 28.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Tgt Ion: 136 Resp: 497055

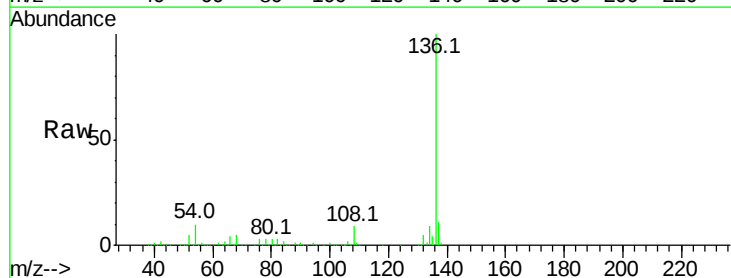
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.1 4.9 7.3#

68 5.3 4.1 6.1

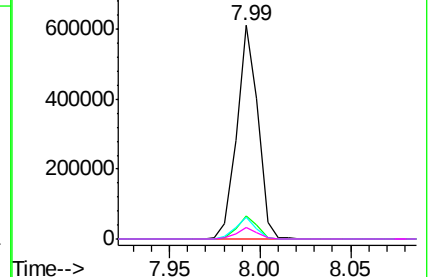
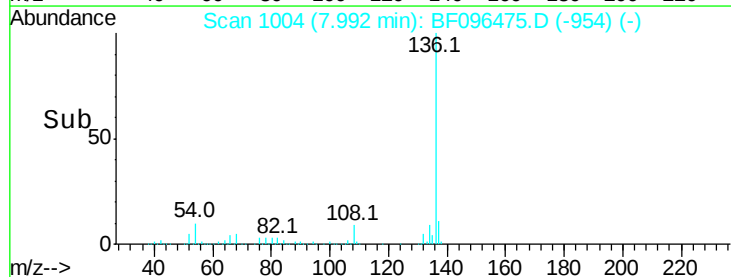


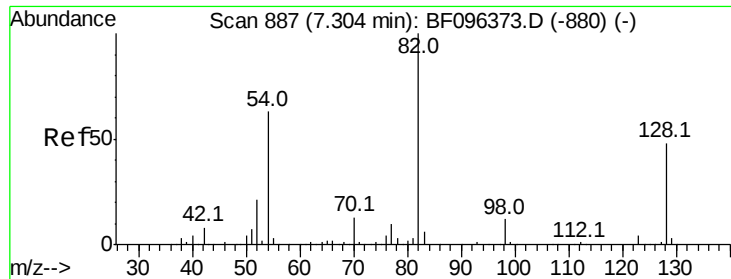
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

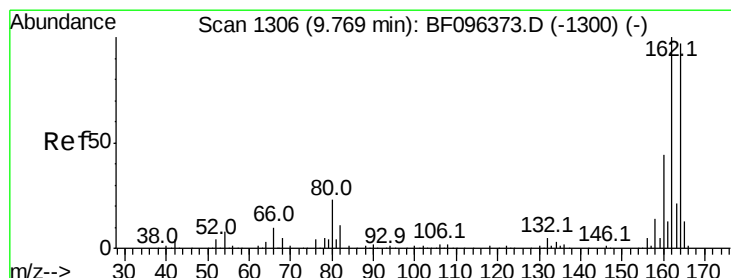
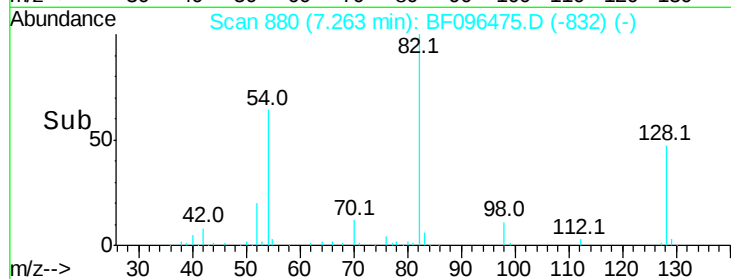
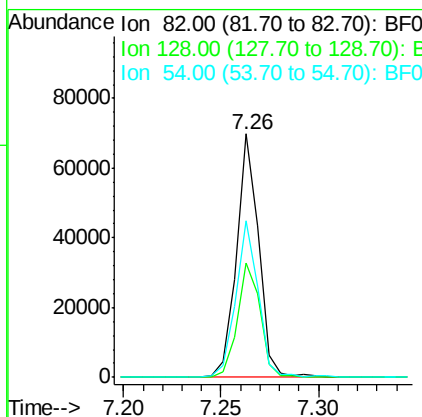
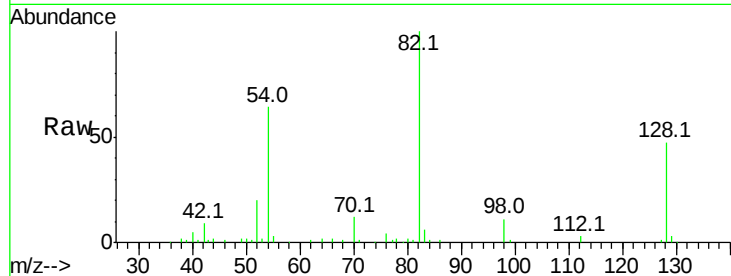




#23
Nitrobenzene-d5
Concen: 6.63 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

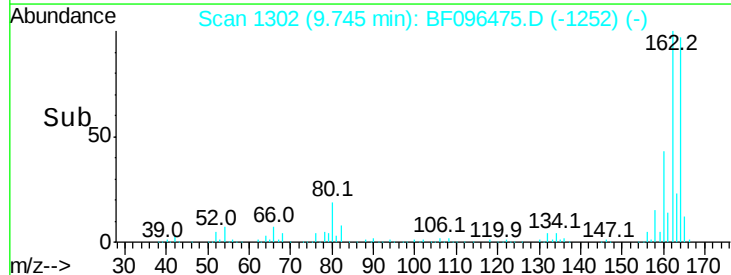
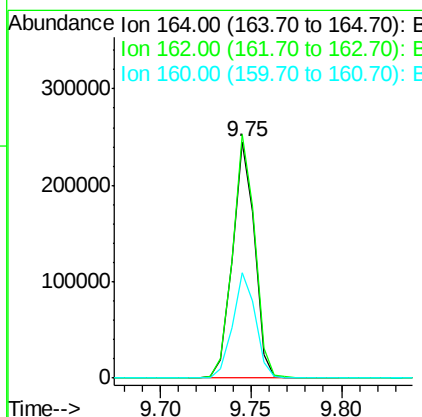
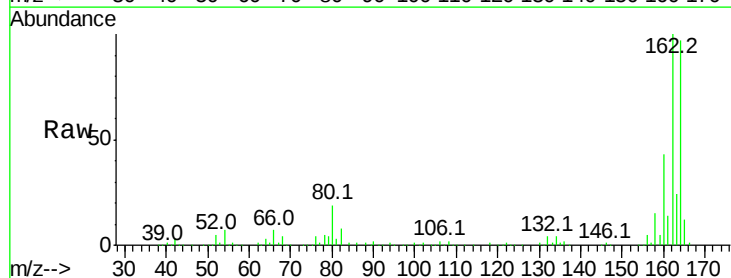
Instrument :
BNA_F
ClientSampleId :
B6-2-4

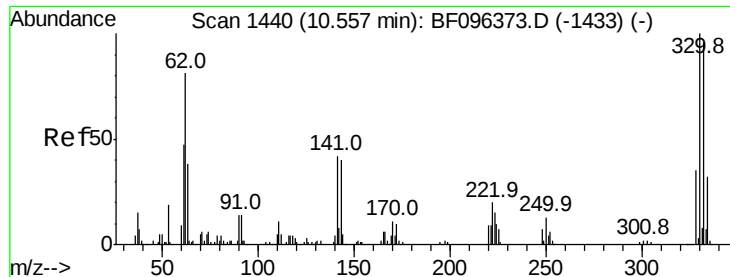
Tot Ion: 82 Resp: 54832
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 64.2 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Tgt Ion:164 Resp: 208757
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.7 36.2 54.2

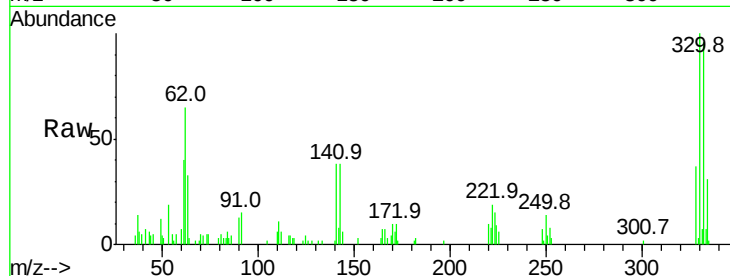




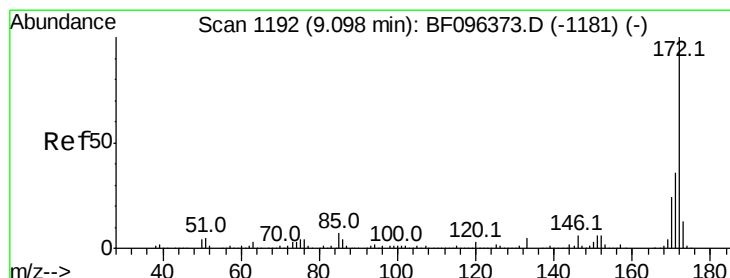
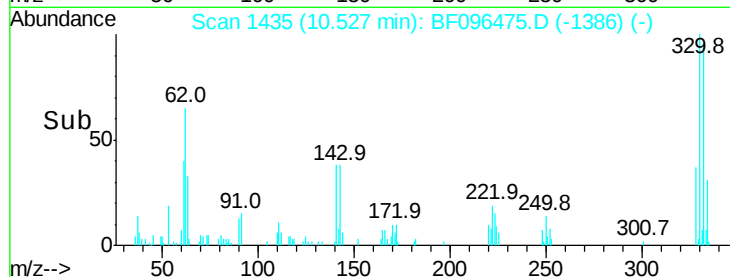
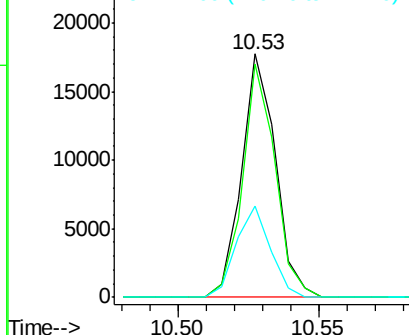
#41
 2,4,6-Tribromophenol
 Concen: 9.05 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :
 B6-2-4

Tot Ion:330 Resp: 14750
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.6 115.0
 141 37.9 31.4 47.2

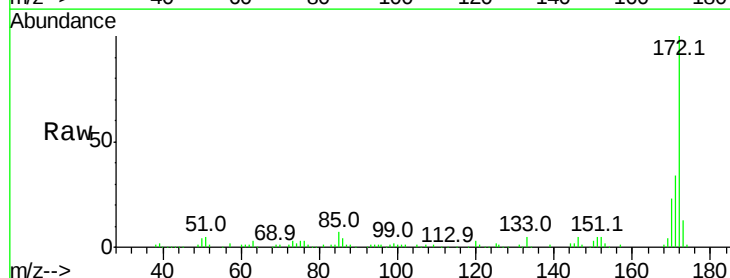


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

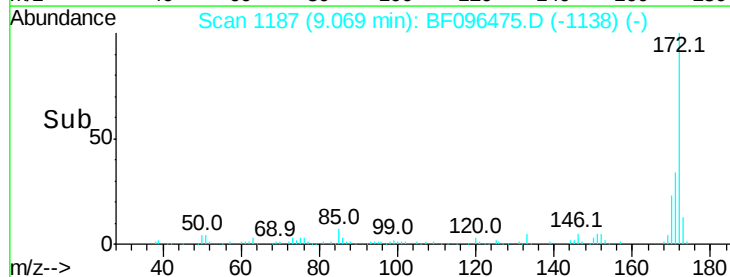
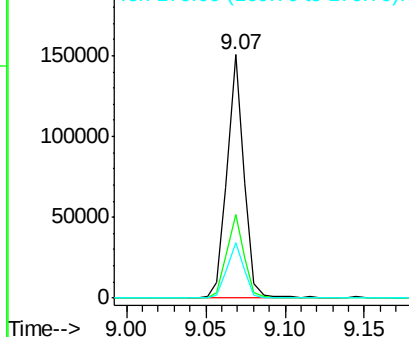


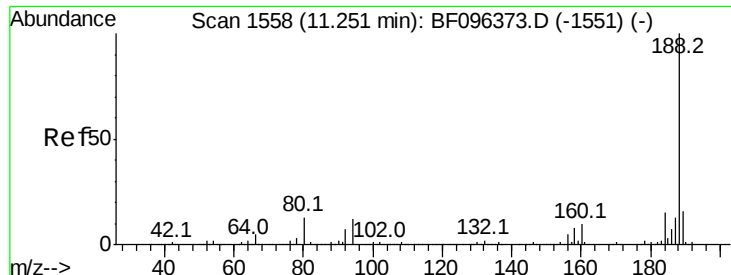
#44
 2-Fluorobiphenyl
 Concen: 9.18 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Tgt Ion:172 Resp: 112134
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.6 44.4
 170 22.8 19.8 29.8



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

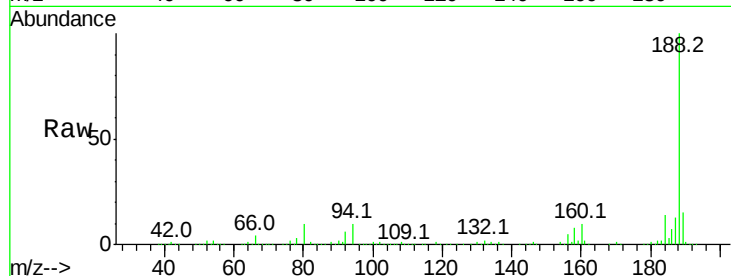




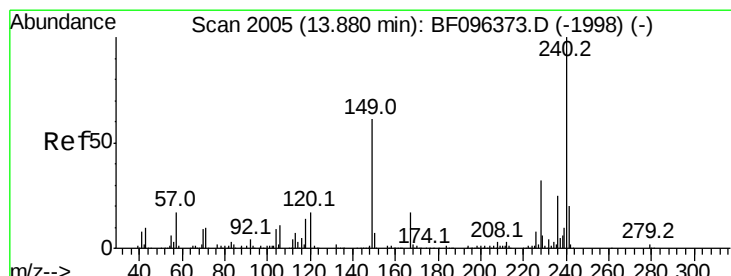
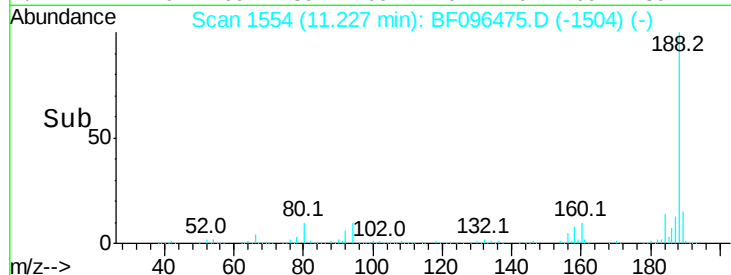
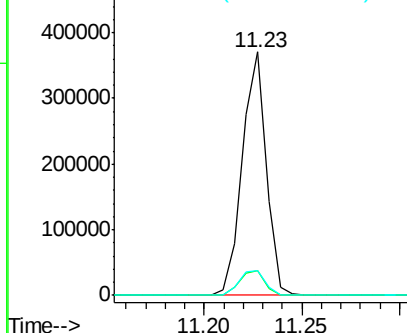
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Instrument :
BNA_F
ClientSampled :
B6-2-4

Tot Ion:188 Resp: 315701
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.3 10.2 15.2

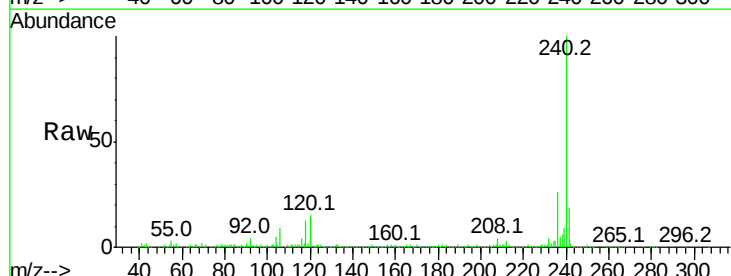


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

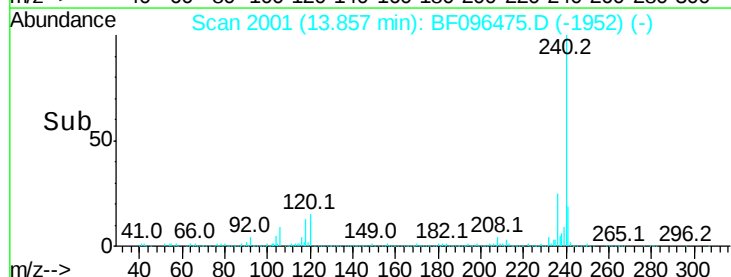
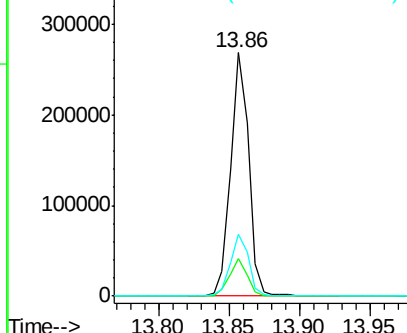


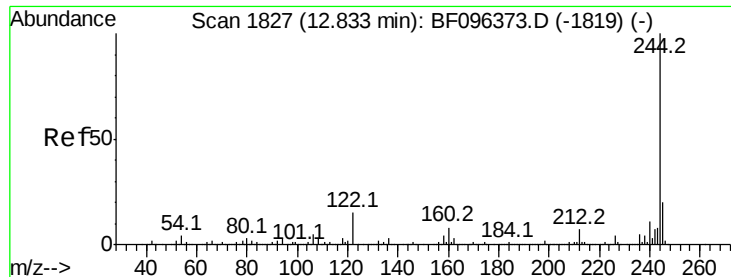
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Tgt Ion:240 Resp: 239801
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.65 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Instrument :

BNA_F

ClientSampleId :

B6-2-4

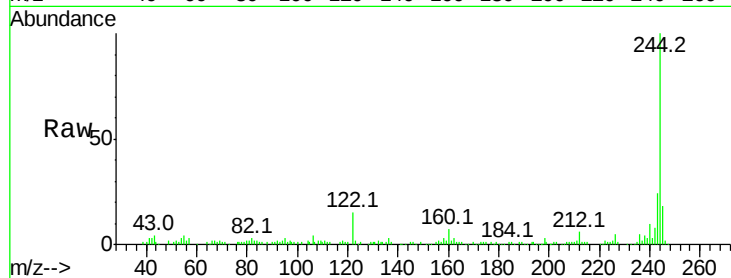
Tot Ion:244 Resp: 74665

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

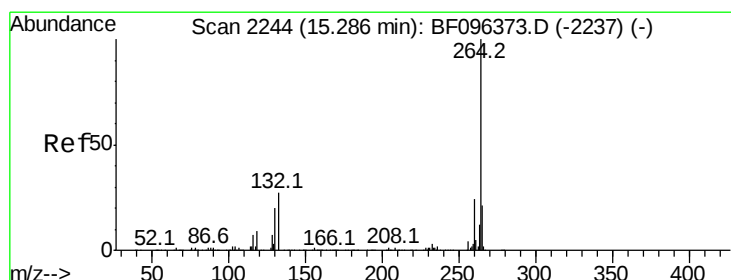
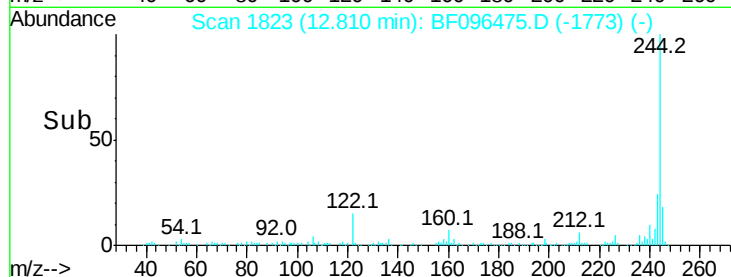
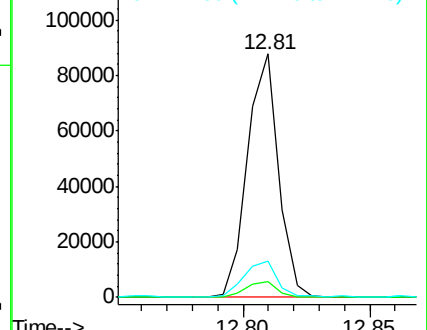
122 15.0 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

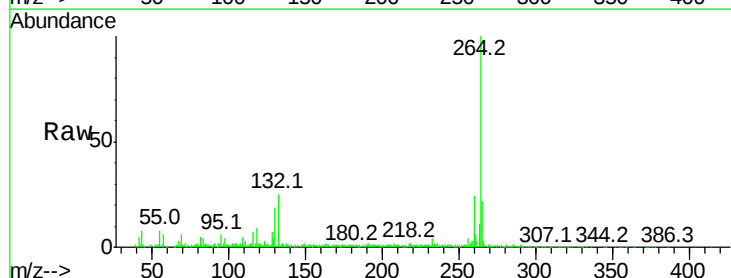
Tgt Ion:264 Resp: 197454

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.7 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

