

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101487.D
 Acq On : 18 Dec 2017 18:14
 Operator : SJ/JU
 Sample : I6680-15 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-C

Quant Time: Dec 19 06:15:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182144	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	681200	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	258571	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	403750	20.00	ng	0.00
75) Chrysene-d12	13.99	240	317716	20.00	ng	0.00
86) Perylene-d12	15.47	264	240092	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	240708	19.69	ng	0.00
7) Phenol-d6	6.45	99	298048	19.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	158444	12.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	38084	15.29	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	302344	18.14	ng	0.00
78) Terphenyl-d14	12.92	244	208396	15.81	ng	0.00

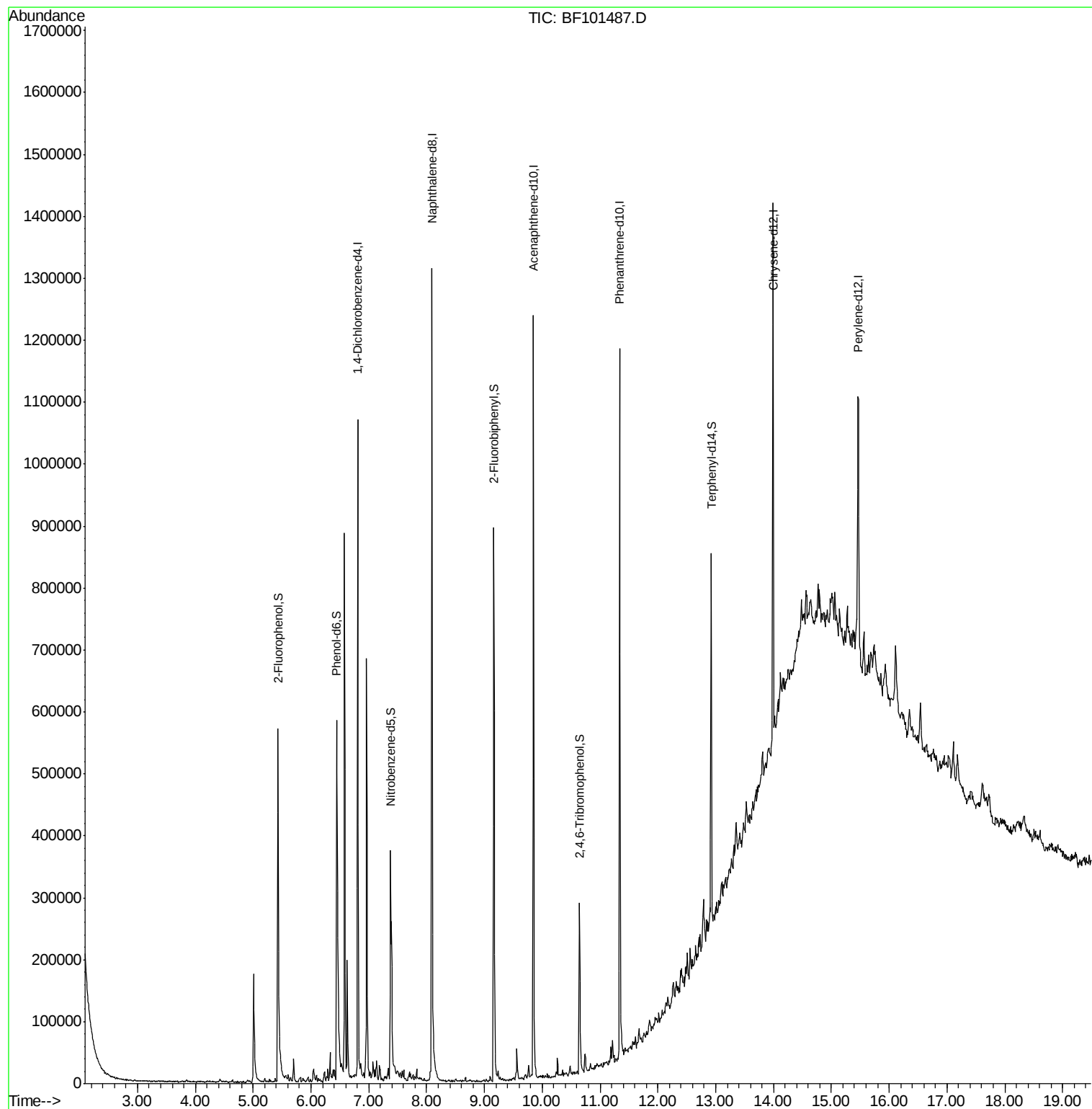
Target Compounds	Qvalue
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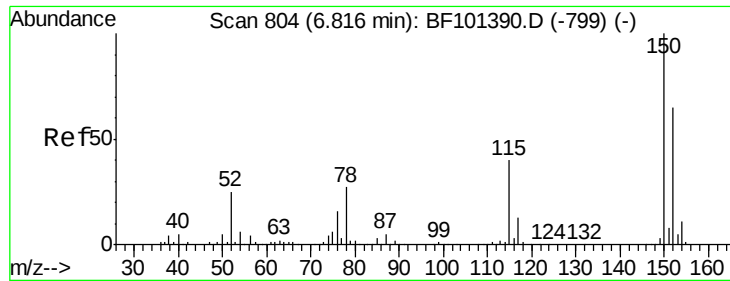
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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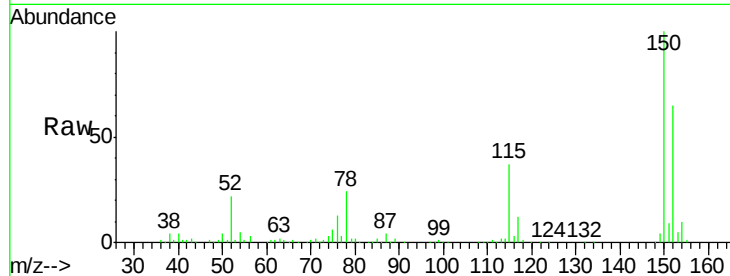


#1

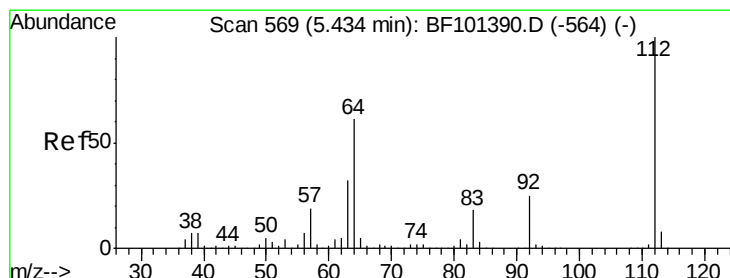
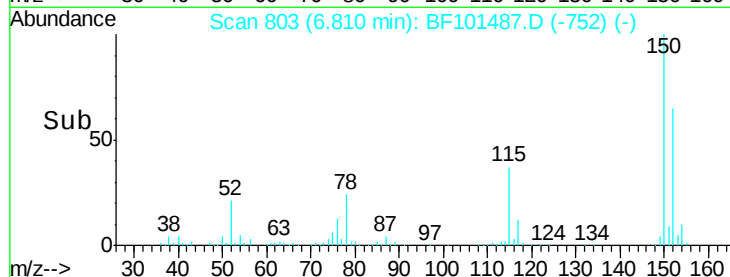
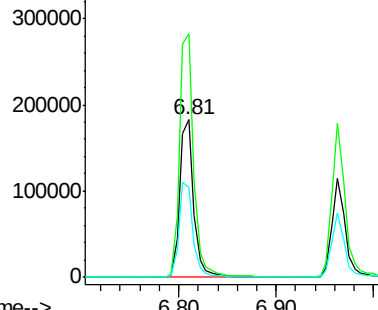
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-C

Tgt Ion:152 Resp: 182144
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.9 50.1 75.1



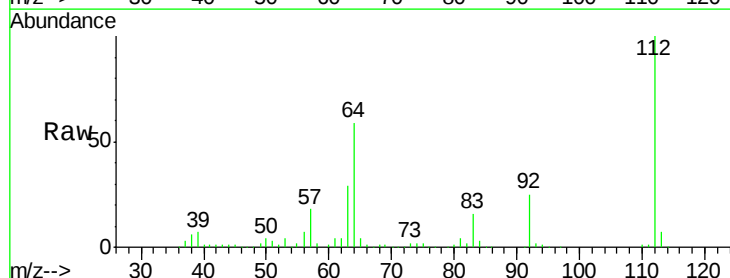
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



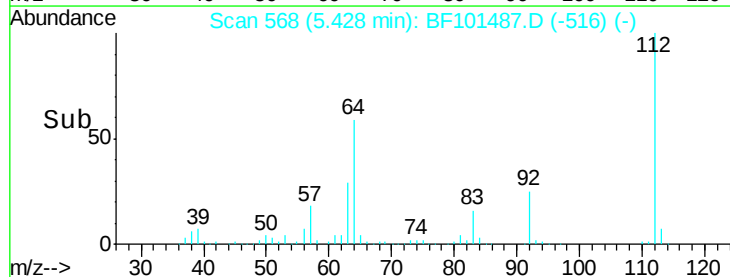
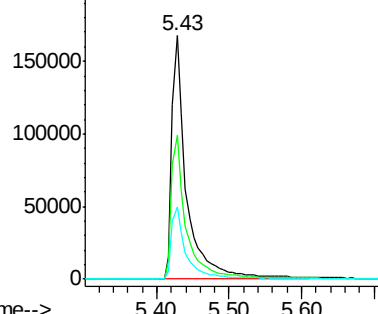
#5

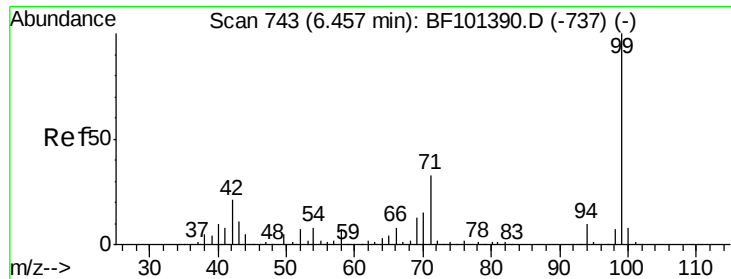
2-Fluorophenol
Concen: 19.685 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101487.D
Acq: 18 Dec 2017 18:14

Tgt Ion:112 Resp: 240708
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.4 23.7 35.5



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: 19.585 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-C

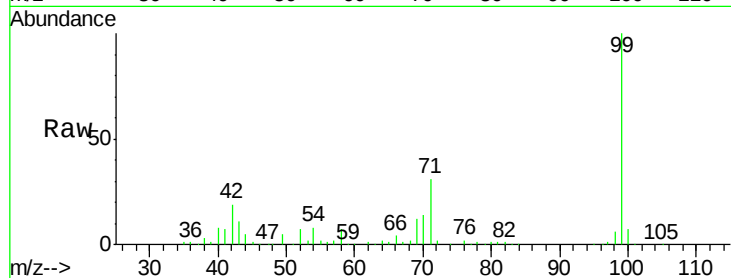
Tgt Ion: 99 Resp: 298048

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

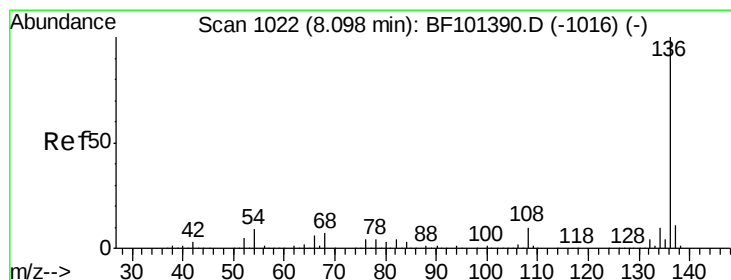
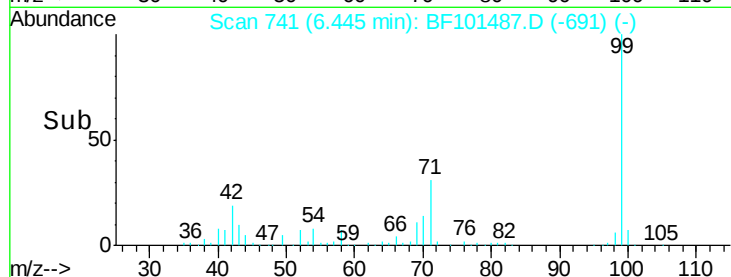
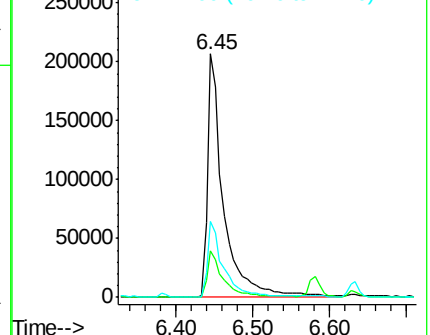
71 31.4 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

Tgt Ion: 136 Resp: 681200

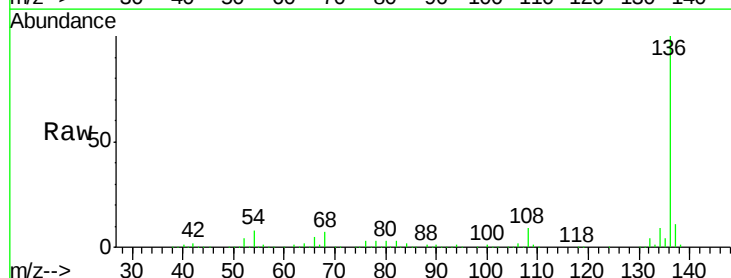
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.4 6.6 9.8

68 6.6 5.0 7.4

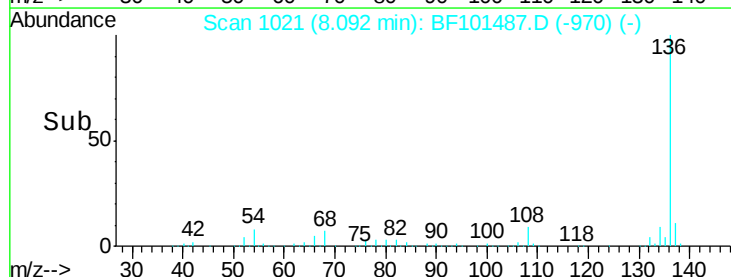
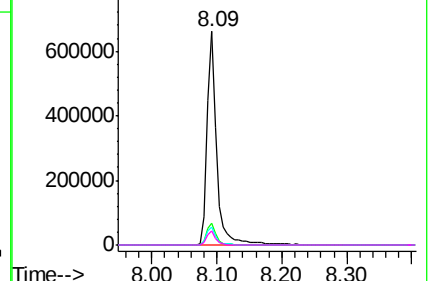


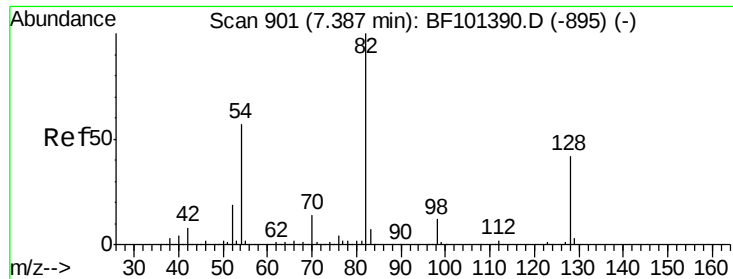
Abundance Ion 136.00 (135.70 to 136.70): E

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

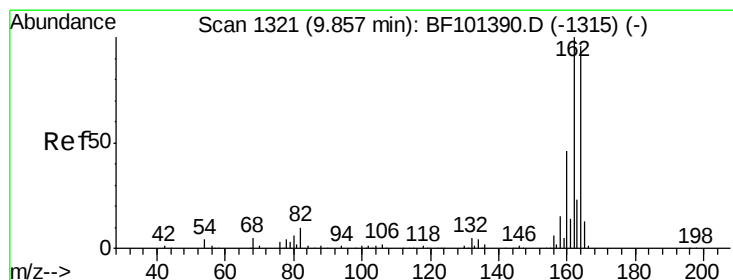
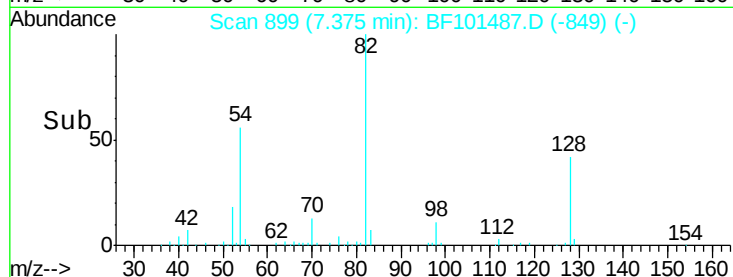
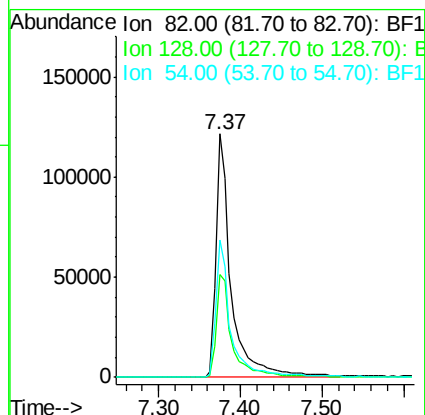
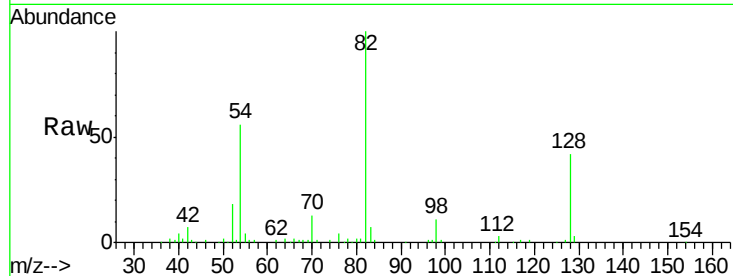




#23
 Nitrobenzene-d5
 Concen: 12.948 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101487.D
 Acq: 18 Dec 2017 18:14

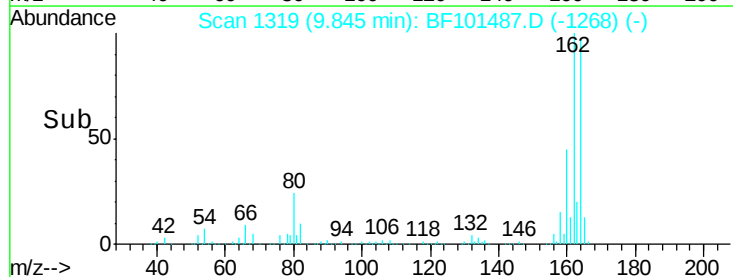
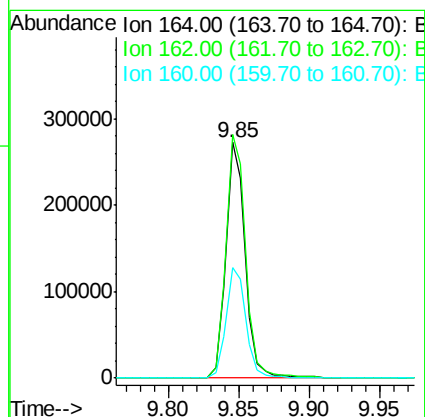
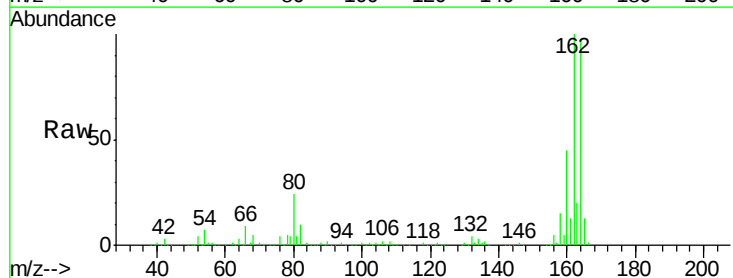
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-C

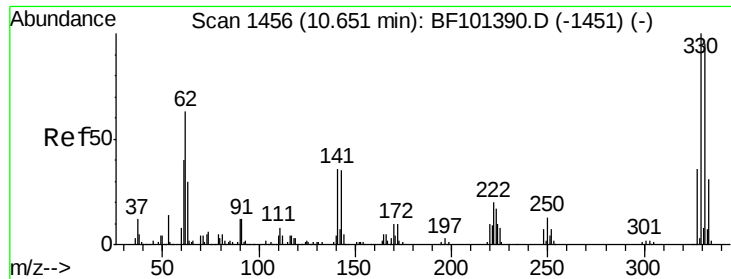
Tgt Ion: 82 Resp: 158444
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 56.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101487.D
 Acq: 18 Dec 2017 18:14

Tgt Ion: 164 Resp: 258571
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 46.7 38.3 57.5

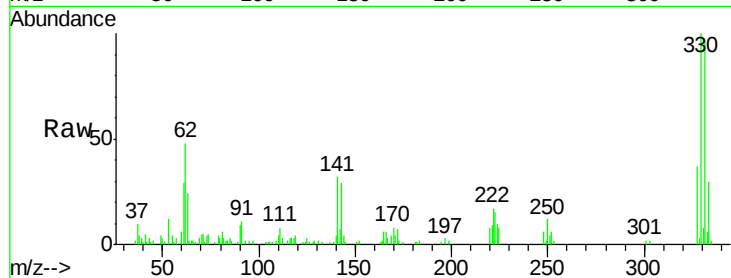




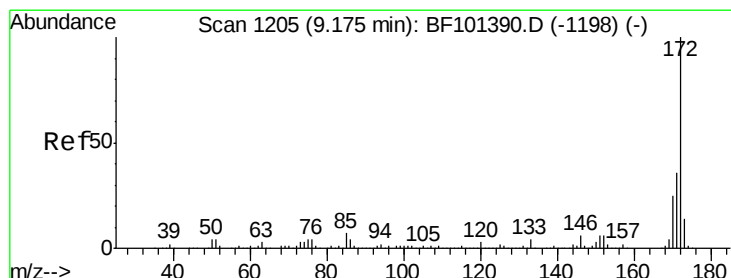
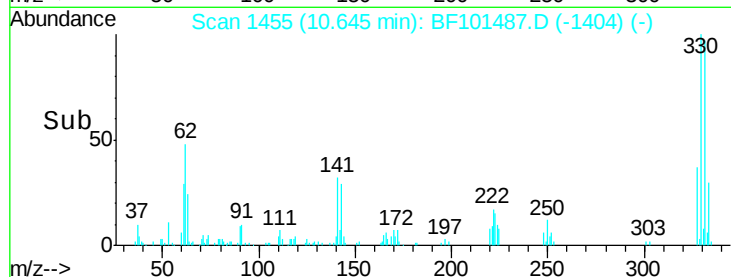
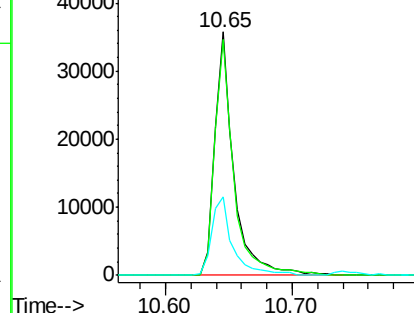
#41
 2,4,6-Tribromophenol
 Concen: 15.285 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101487.D
 Acq: 18 Dec 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-C

Tgt Ion: 330 Resp: 38084
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 35.5 29.9 44.9

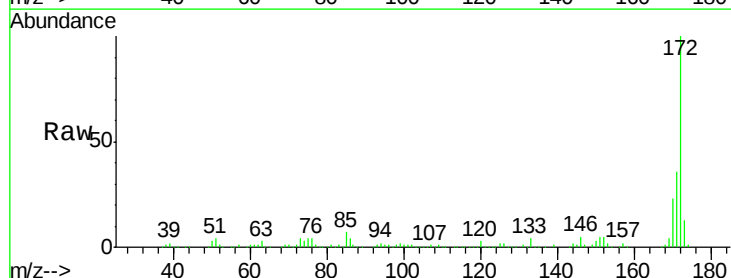


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

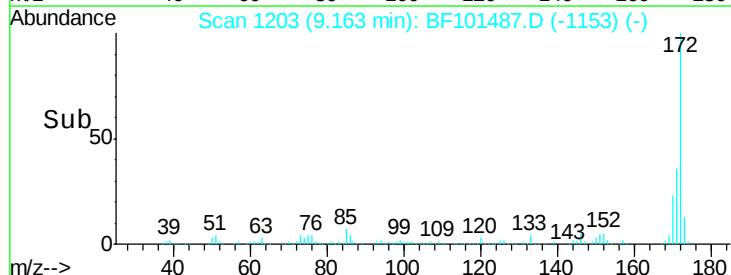
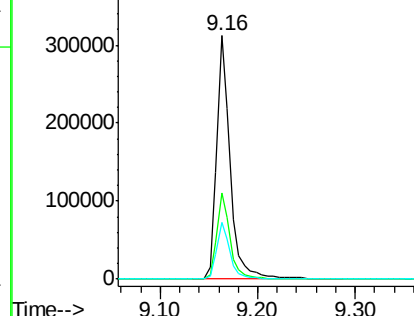


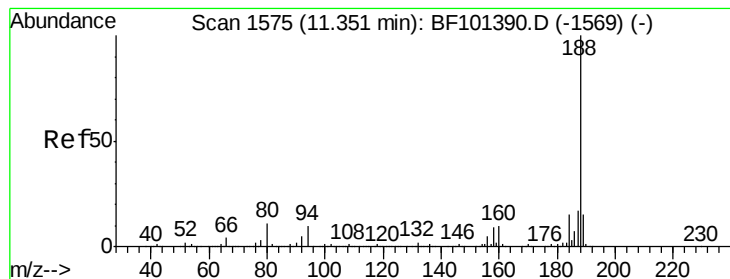
#44
 2-Fluorobiphenyl
 Concen: 18.138 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101487.D
 Acq: 18 Dec 2017 18:14

Tgt Ion: 172 Resp: 302344
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.3 19.6 29.4



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: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-C

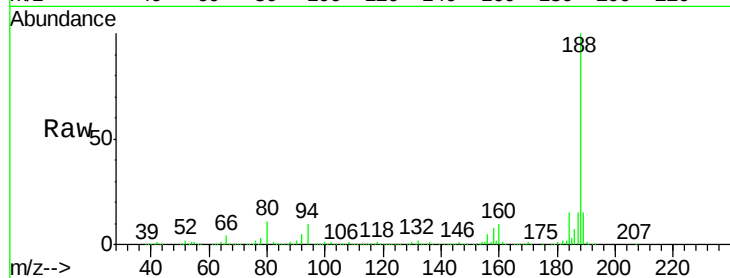
Tgt Ion:188 Resp: 403750

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

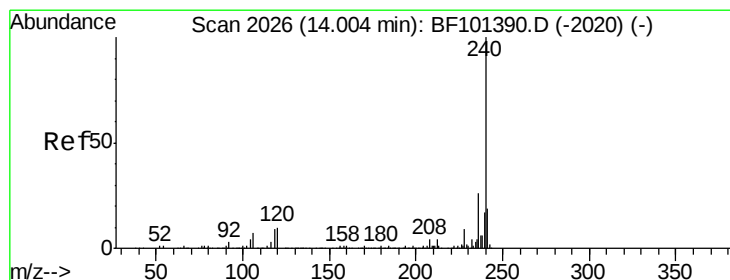
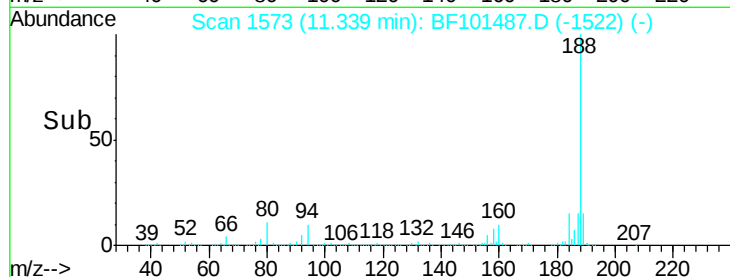
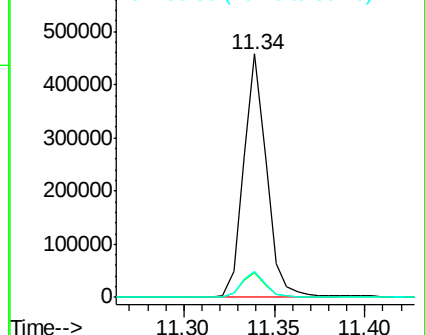
80 10.9 9.2 13.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

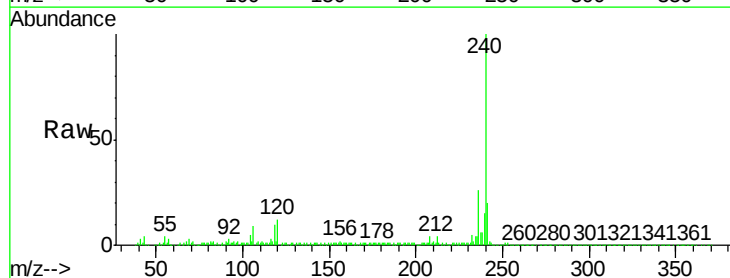
Tgt Ion:240 Resp: 317716

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

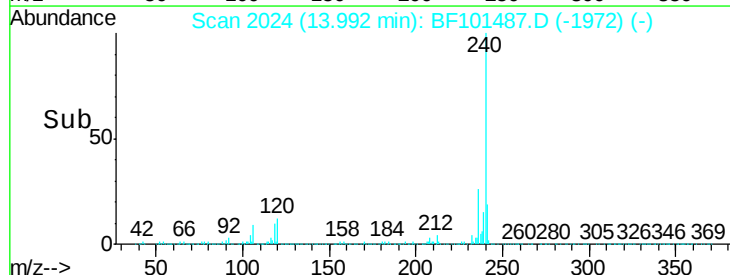
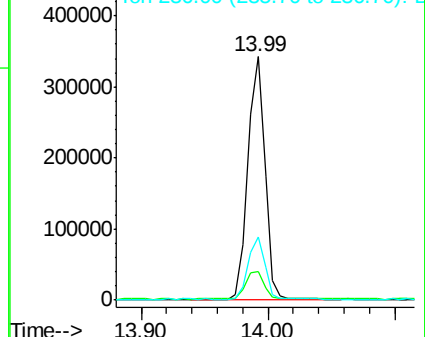
236 25.9 20.7 31.1

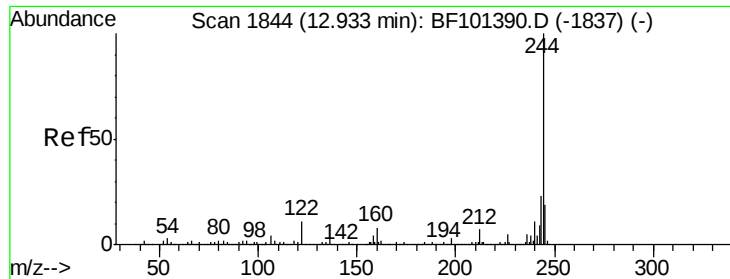


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.813 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

Instrument :

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ClientSampleId :

CL-02-121417-C

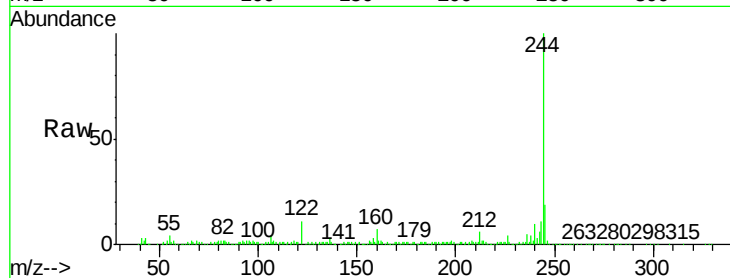
Tgt Ion:244 Resp: 208396

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 11.5 11.0 16.4

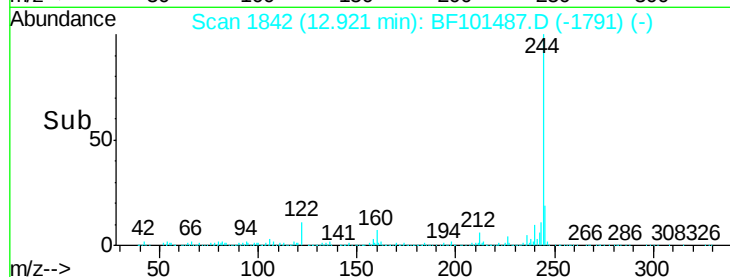


Abundance Ion 244.00 (243.70 to 244.70): E

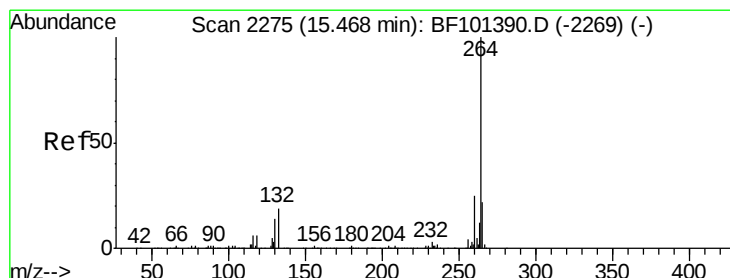
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF101487.D

Acq: 18 Dec 2017 18:14

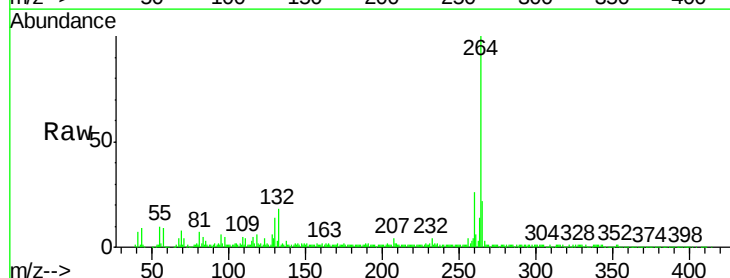
Tgt Ion:264 Resp: 240092

Ion Ratio Lower Upper

264 100

260 26.1 19.2 28.8

265 21.5 17.5 26.3

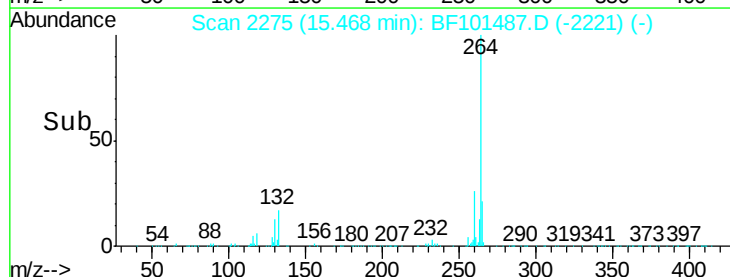


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->