

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101628.D
 Acq On : 22 Dec 2017 2:14
 Operator : SJ/JU
 Sample : I6971-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-B

Quant Time: Dec 22 02:52:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148543	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	558422	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	216790	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	317976	20.00	ng	0.00
75) Chrysene-d12	13.97	240	303627	20.00	ng	0.00
86) Perylene-d12	15.43	264	237571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	415060	41.62	ng	0.00
7) Phenol-d6	6.44	99	317148	25.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	817049	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	130541	62.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1251773	89.57	ng	0.00
78) Terphenyl-d14	12.90	244	835072	66.30	ng	0.00

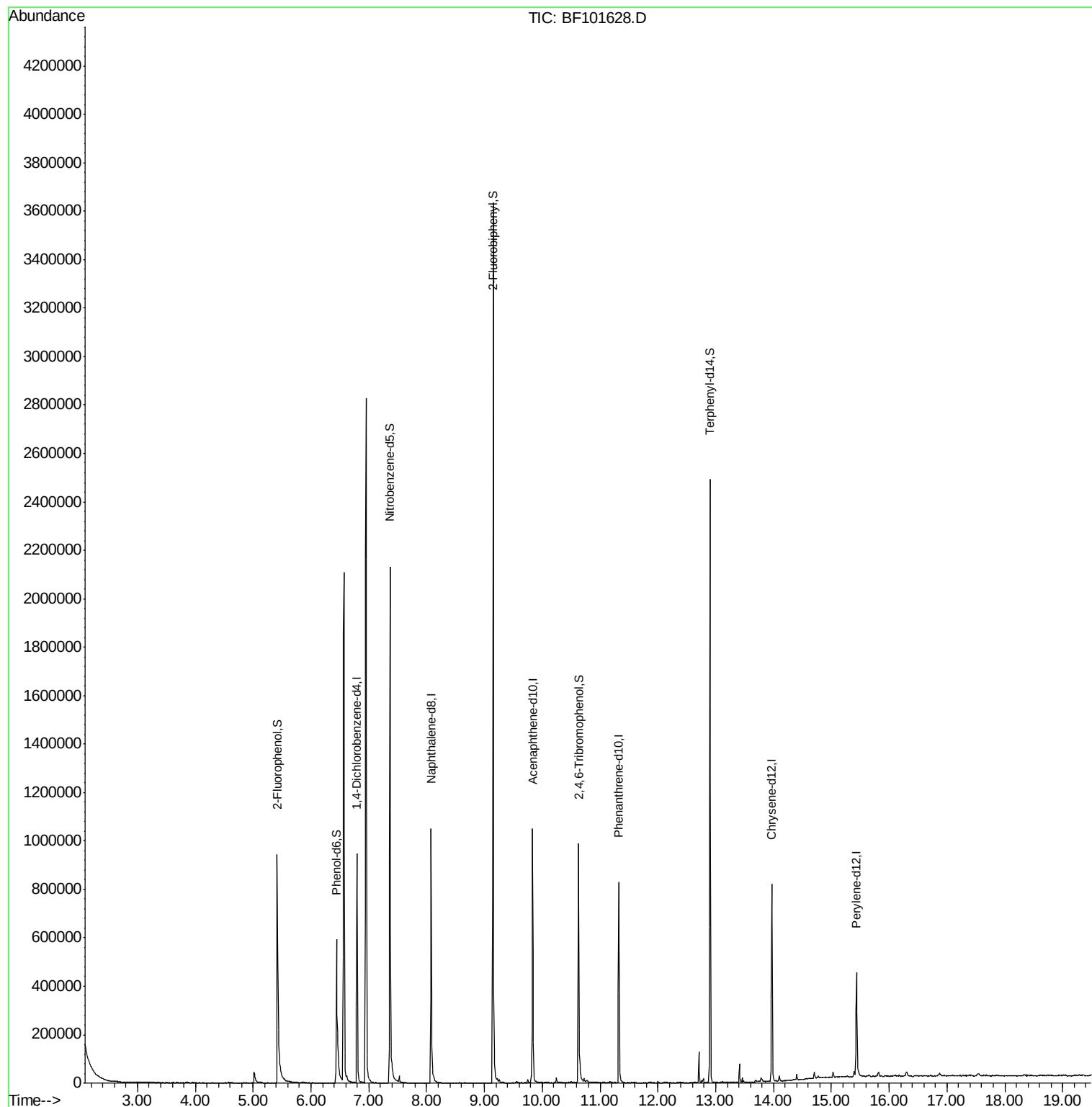
Target Compounds Qvalue

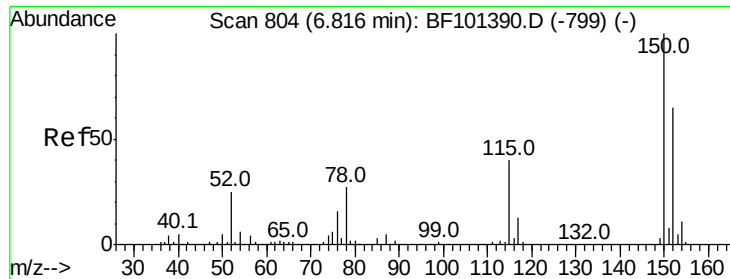
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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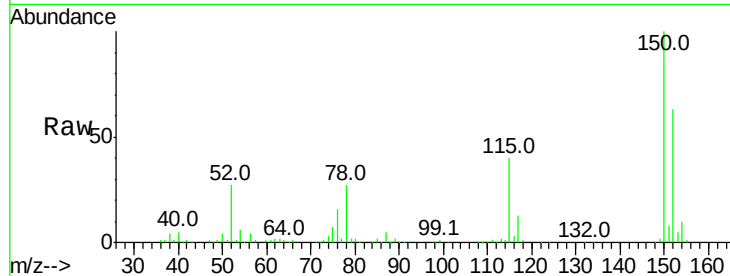


#1

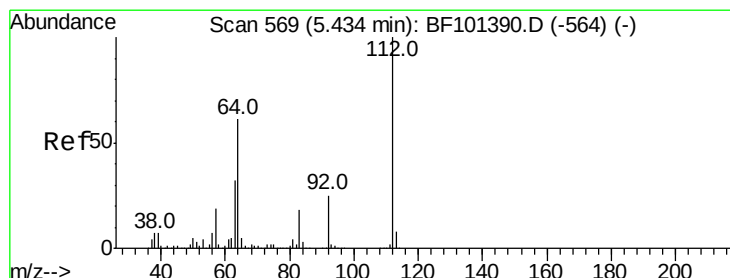
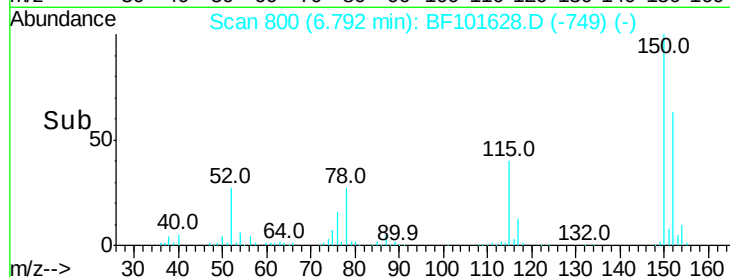
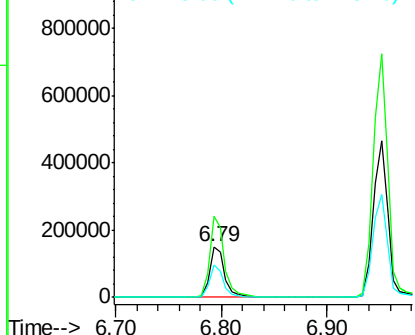
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101628.D
 Acq: 22 Dec 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-B

Tot Ion:152 Resp: 148543
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 64.2 50.1 75.1



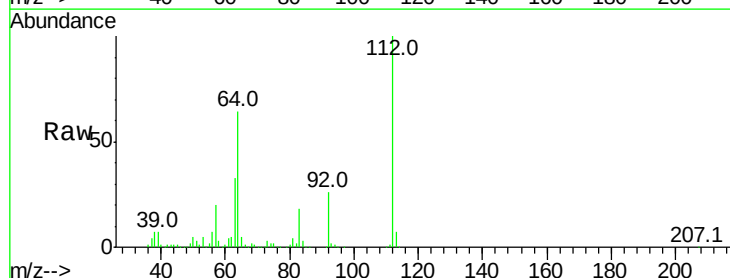
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



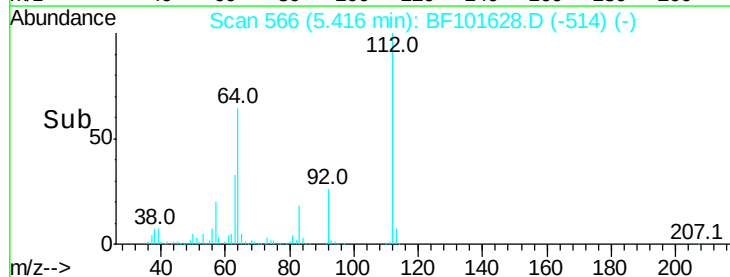
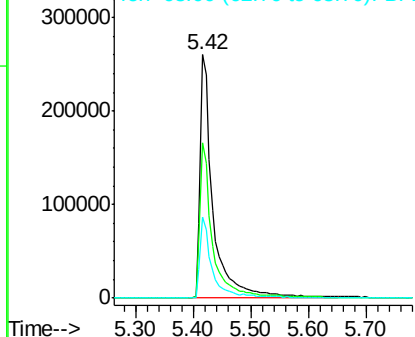
#5

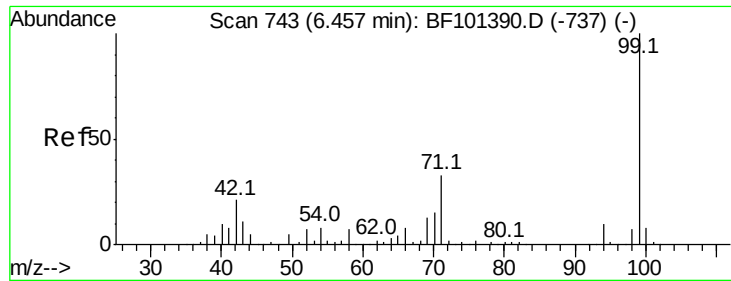
2-Fluorophenol
 Concen: 41.622 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101628.D
 Acq: 22 Dec 2017 2:14

Tgt Ion:112 Resp: 415060
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 33.3 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: 25.554 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101628.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-B

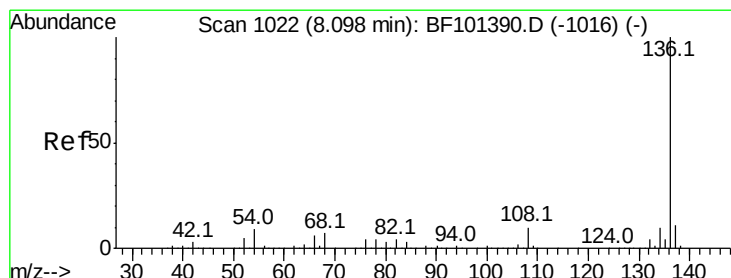
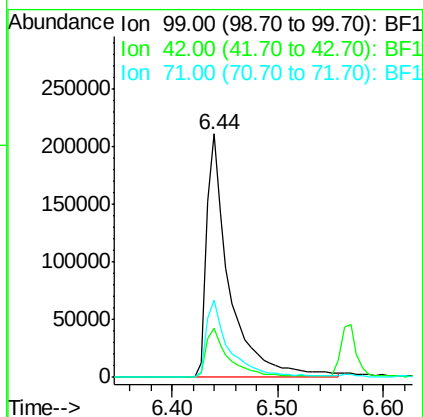
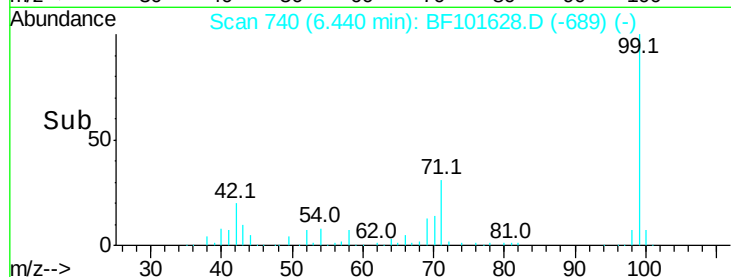
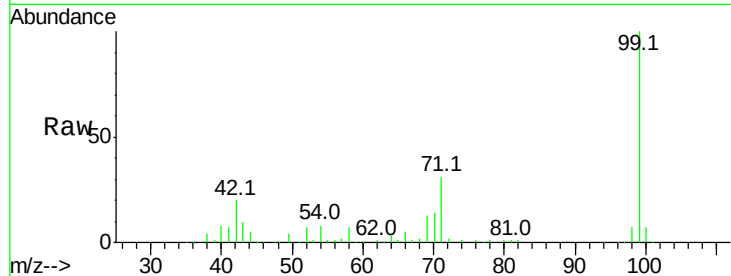
Tot Ion: 99 Resp: 317148

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101628.D

Acq: 22 Dec 2017 2:14

Tgt Ion: 136 Resp: 558422

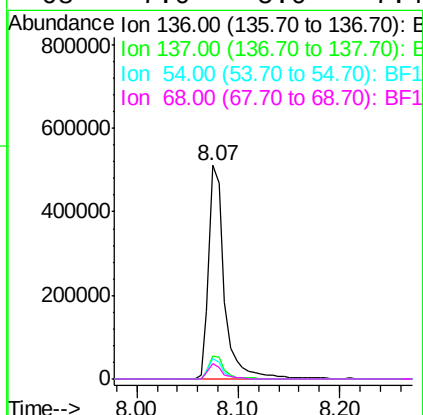
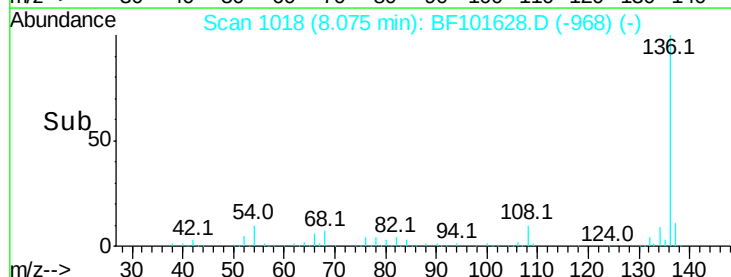
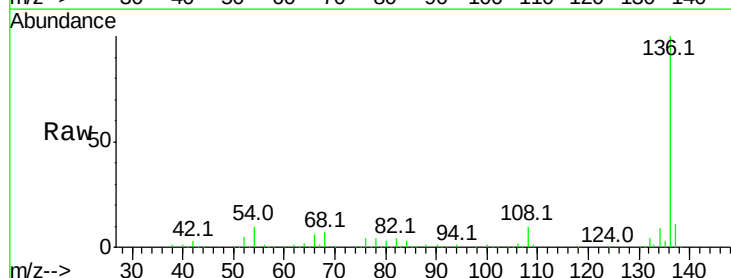
Ion Ratio Lower Upper

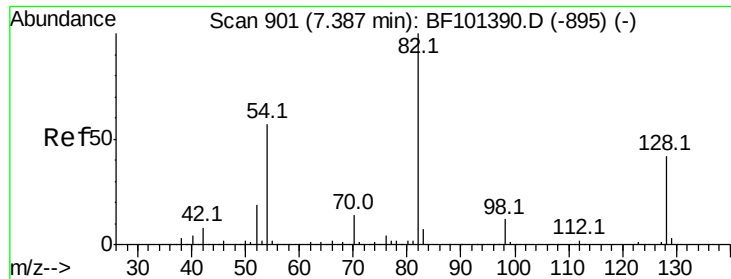
136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

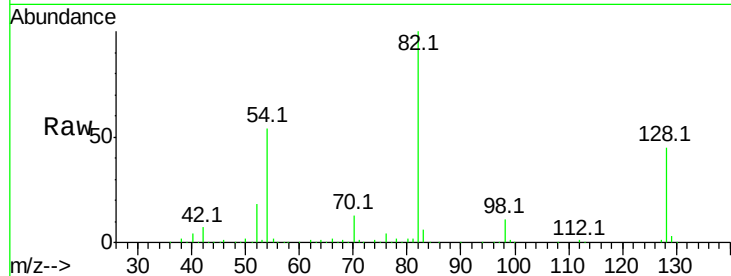




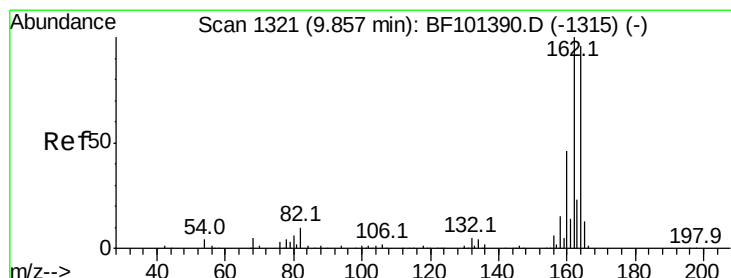
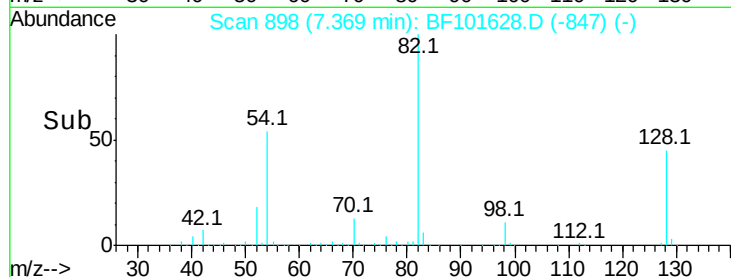
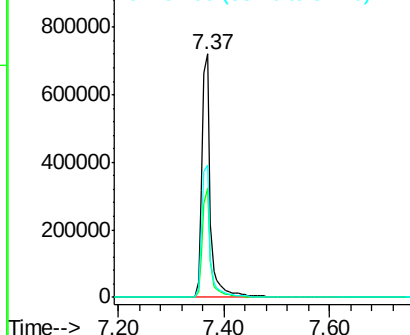
#23
Nitrobenzene-d5
Concen: 81.447 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101628.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-U-B

Tot Ion: 82 Resp: 817049
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 54.2 41.4 62.2

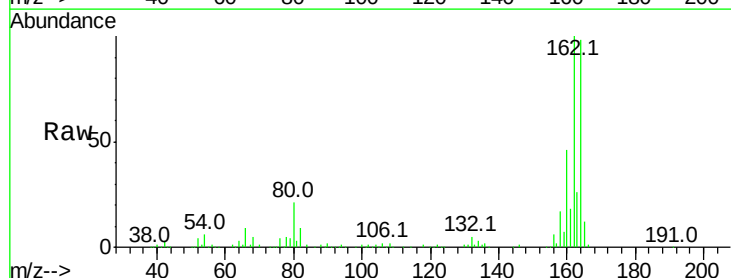


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

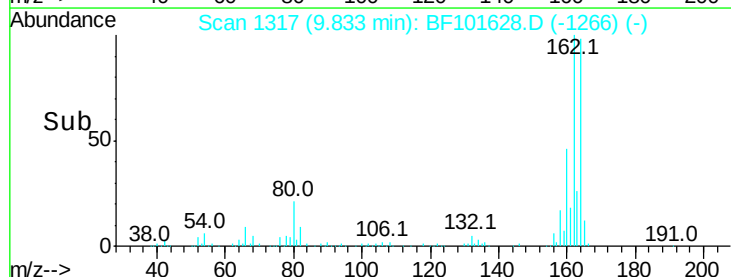
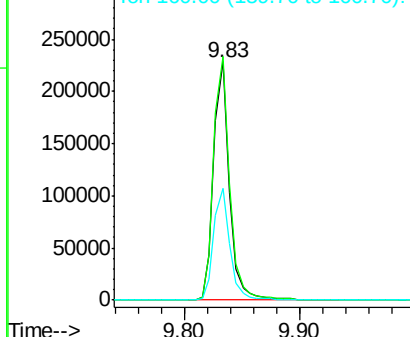


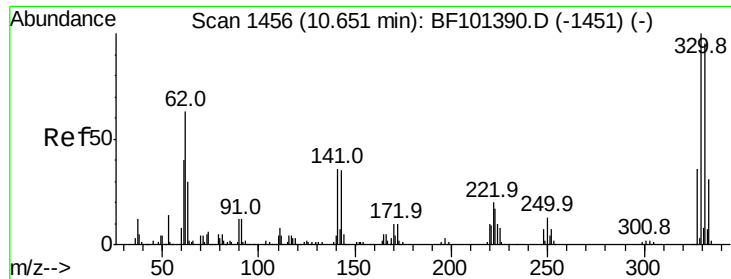
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101628.D
Acq: 22 Dec 2017 2:14

Tgt Ion:164 Resp: 216790
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 46.8 38.3 57.5



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

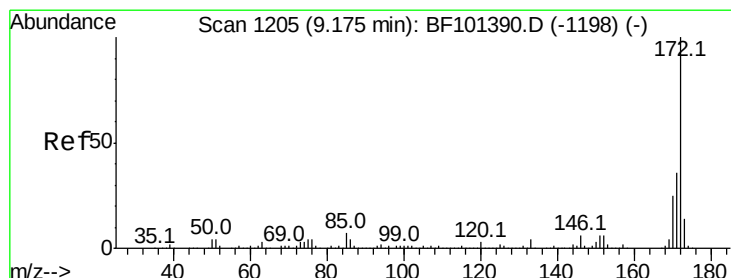
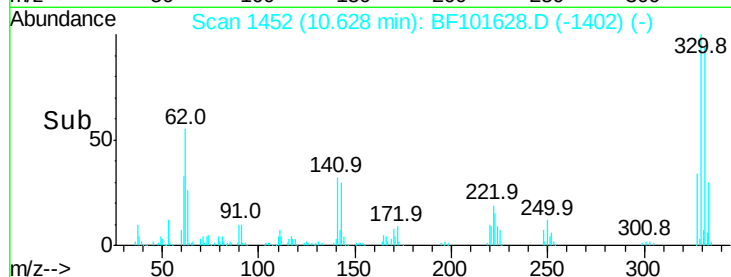
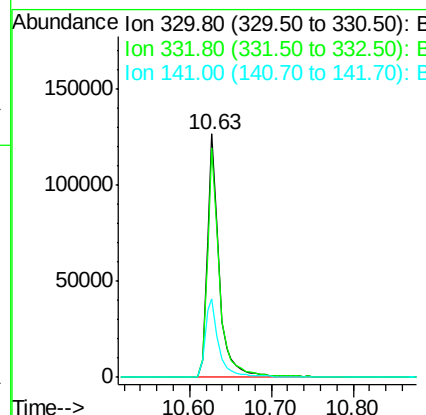
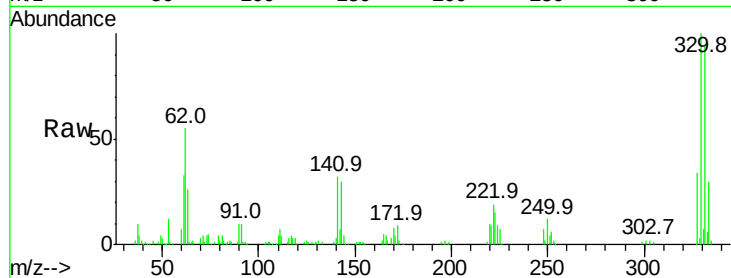




#41
 2,4,6-Tribromophenol
 Concen: 62.491 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101628.D
 Acq: 22 Dec 2017 2:14

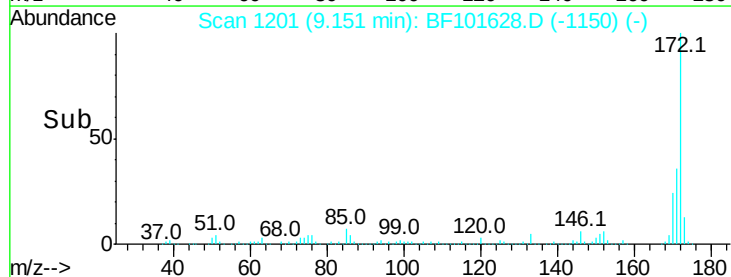
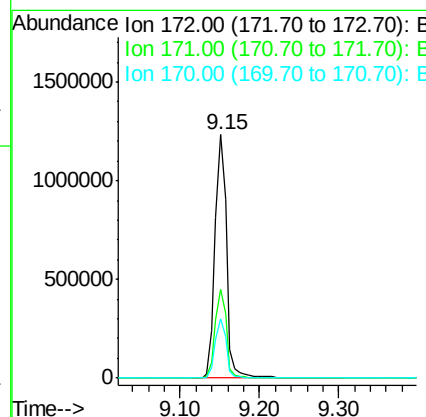
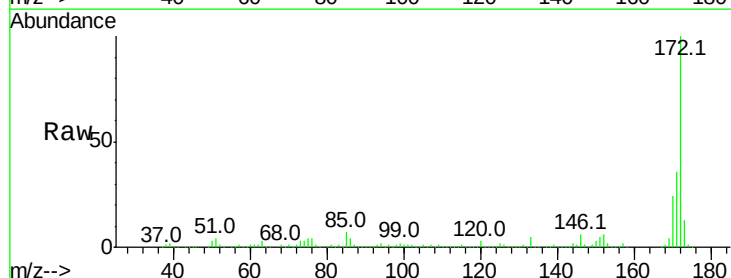
Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-B

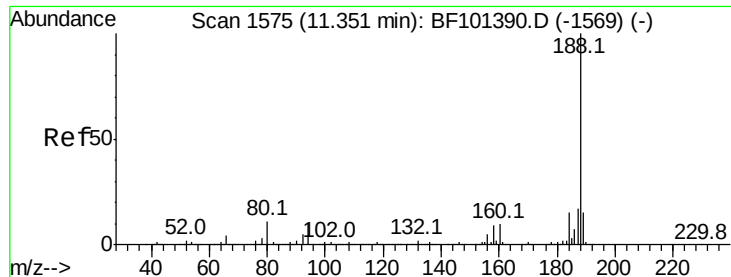
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.571 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101628.D
 Acq: 22 Dec 2017 2:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

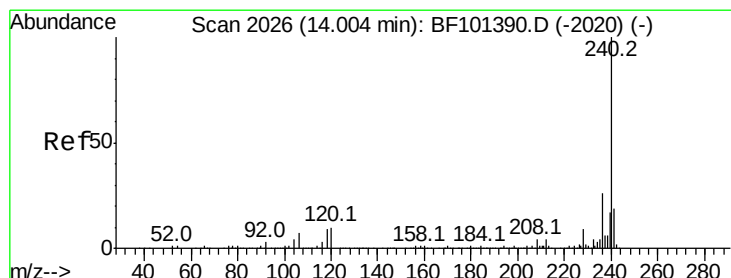
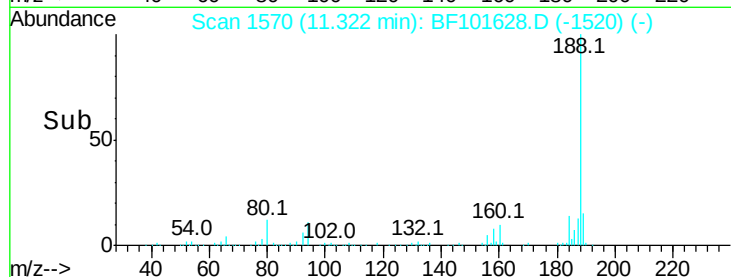
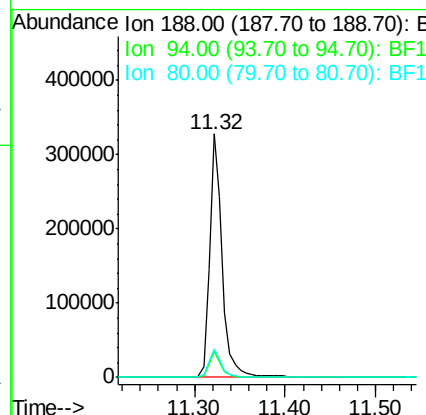
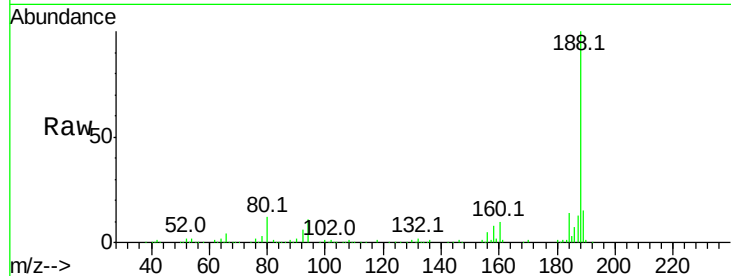




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101628.D
Acq: 22 Dec 2017 2:14

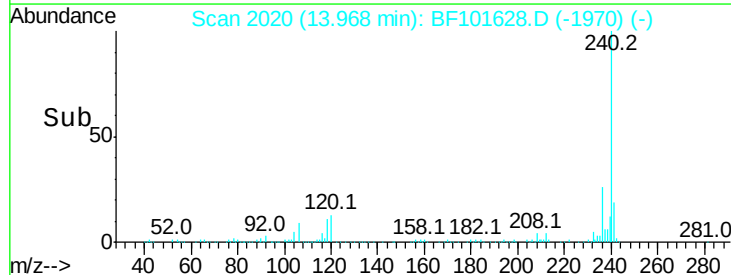
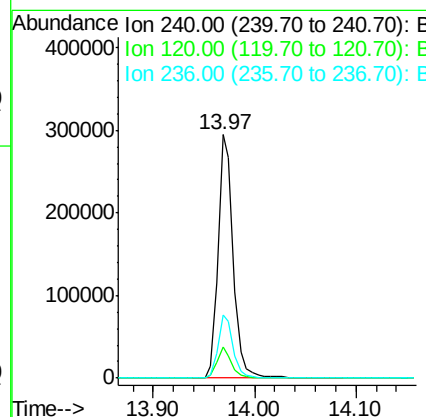
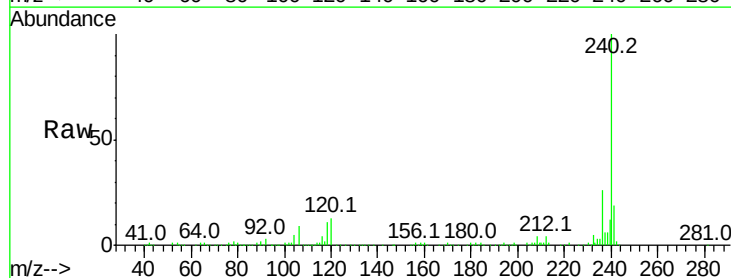
Instrument :
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ClientSampleId :
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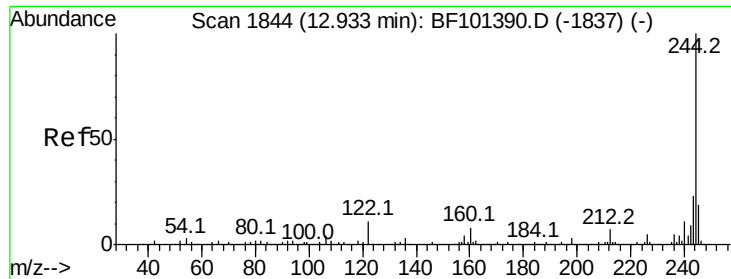
Tot Ion:188 Resp: 317976
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101628.D
Acq: 22 Dec 2017 2:14

Tgt Ion:240 Resp: 303627
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 66.304 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101628.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-B

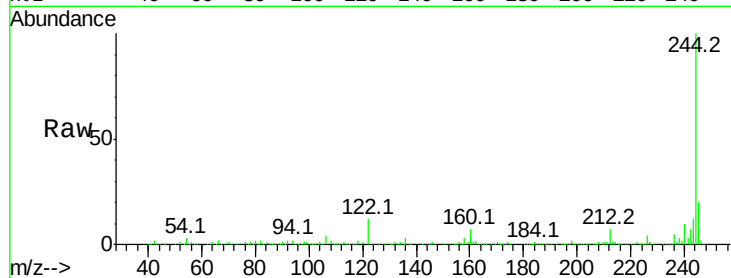
Tot Ion:244 Resp: 835072

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

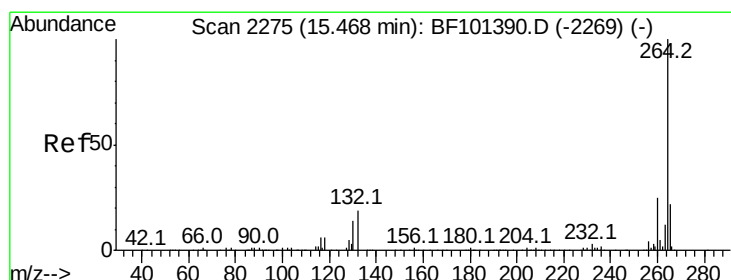
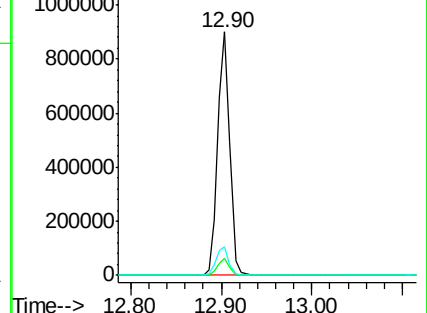
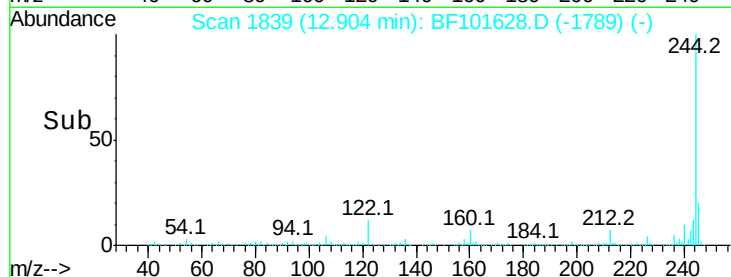
122 11.9 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101628.D

Acq: 22 Dec 2017 2:14

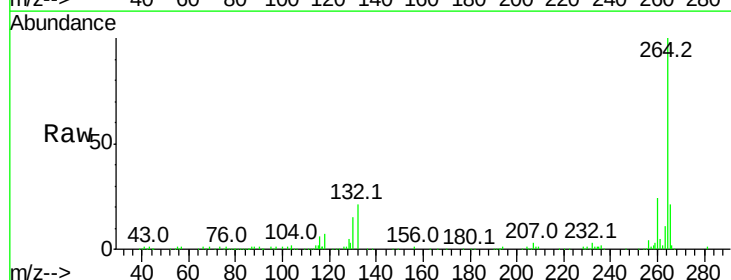
Tgt Ion:264 Resp: 237571

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 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

