

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101790.D
 Acq On : 28 Dec 2017 4:57
 Operator : SJ/JU
 Sample : I7077-04 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Quant Time: Dec 28 06:49:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127845	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	481723	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	183419	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	284910	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272216	20.00	ng	0.00
86) Perylene-d12	15.45	264	212377	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	84386	9.83	ng	0.04
7) Phenol-d6	6.47	99	114432	10.71	ng	0.04
23) Nitrobenzene-d5	7.38	82	64918	7.50	ng	0.02
41) 2,4,6-Tribromophenol	10.64	330	16189	9.16	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	117271	9.92	ng	0.00
78) Terphenyl-d14	12.90	244	87036	7.71	ng	0.00

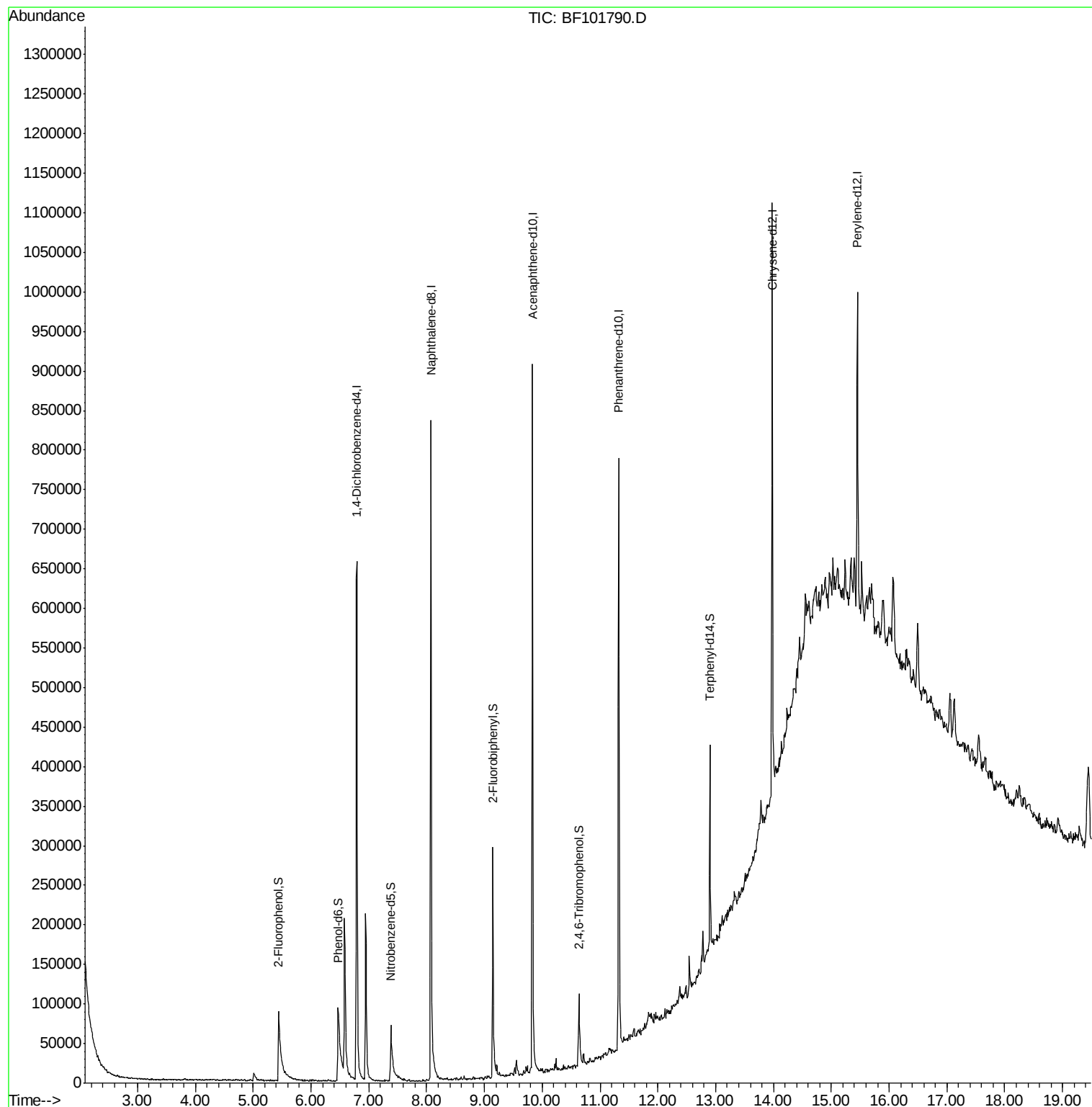
Target Compounds Qvalue

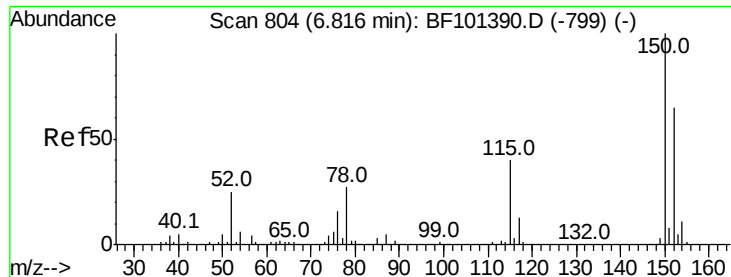
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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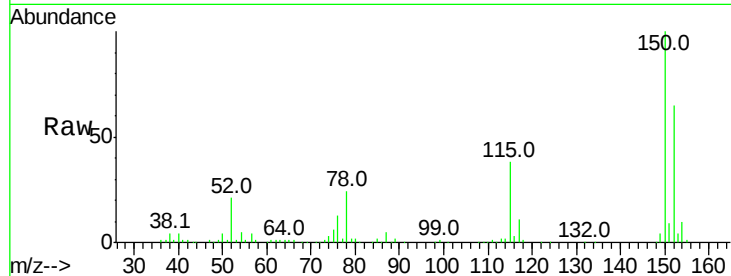


#1

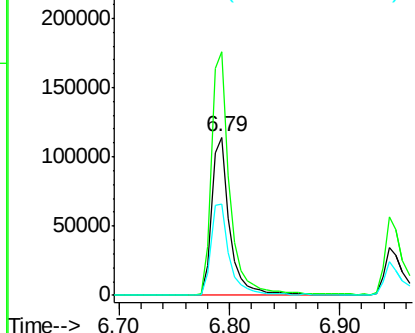
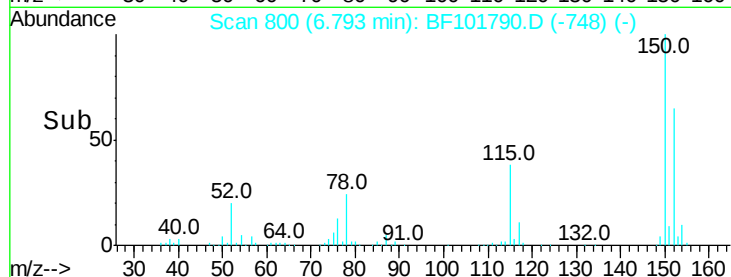
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101790.D
 Acq: 28 Dec 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tot Ion:152 Resp: 127845
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 58.0 50.1 75.1



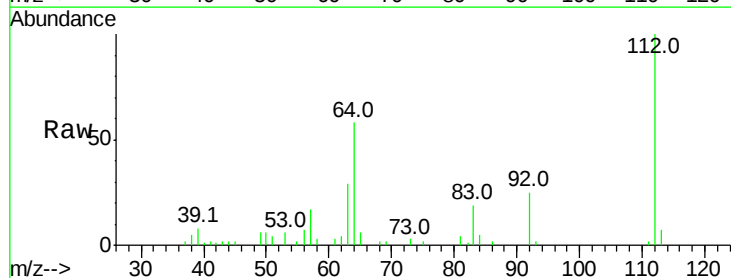
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



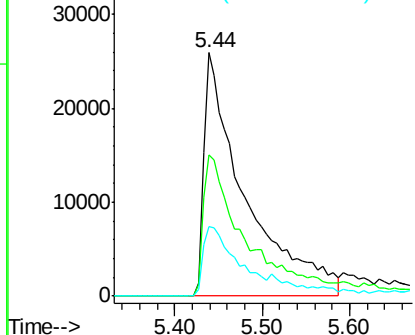
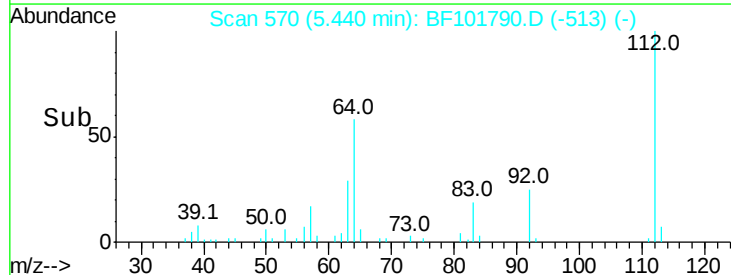
#5

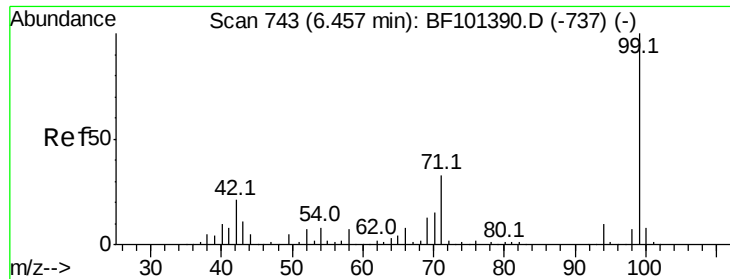
2-Fluorophenol
 Concen: 9.832 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.04 min
 Lab File: BF101790.D
 Acq: 28 Dec 2017 4:57

Tgt Ion:112 Resp: 84386
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 28.5 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: 10.713 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.04 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

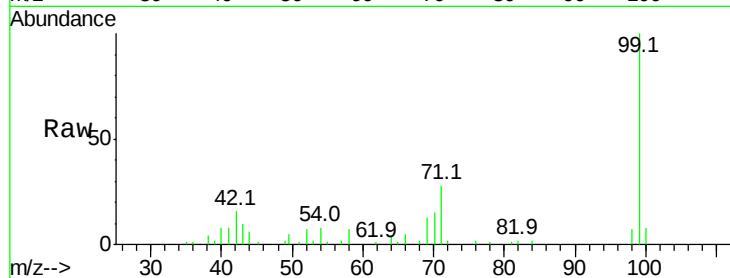
Tot Ion: 99 Resp: 114432

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

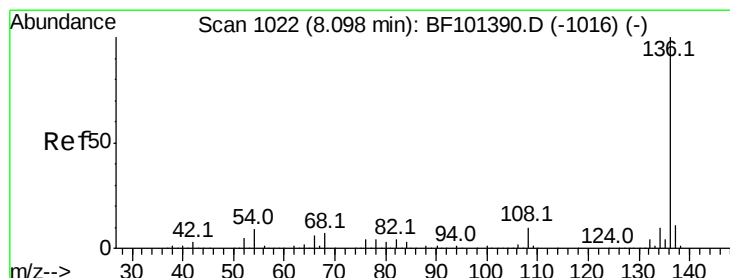
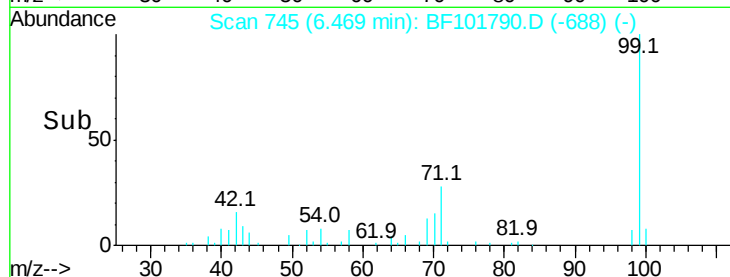
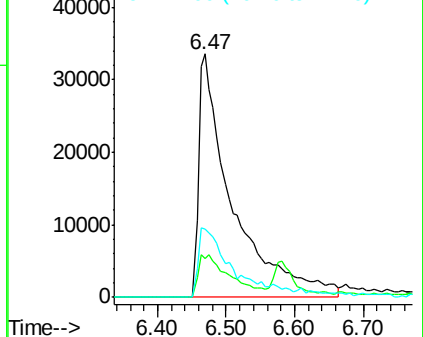
71 28.3 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

Tgt Ion: 136 Resp: 481723

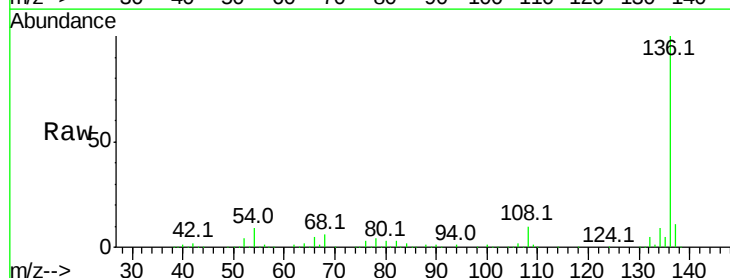
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 6.5 5.0 7.4

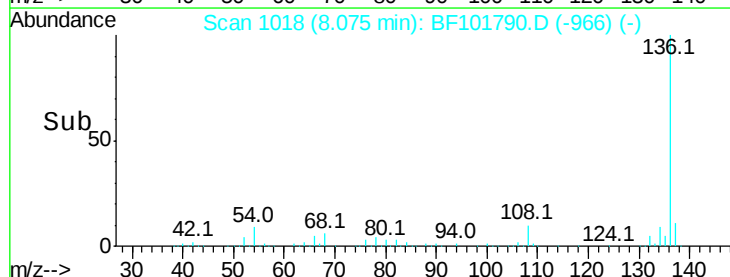
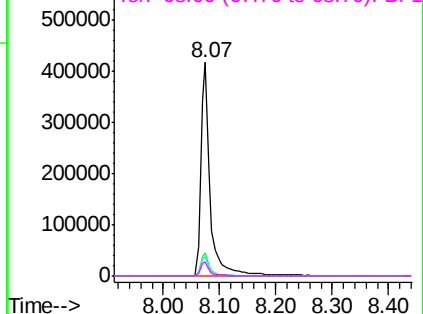


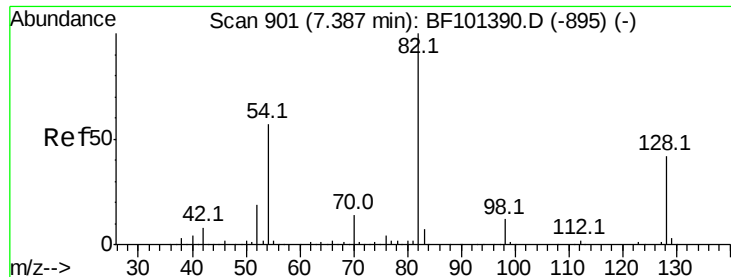
Abundance Ion 136.00 (135.70 to 136.70): E

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

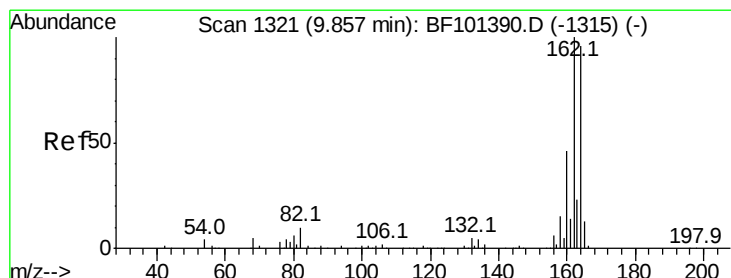
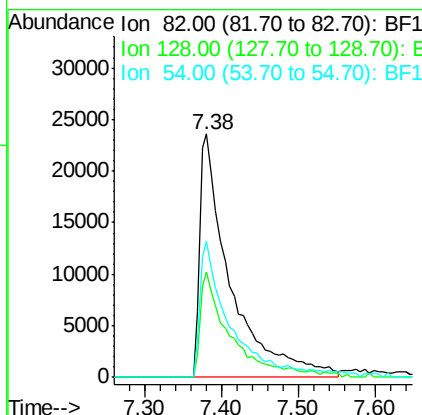
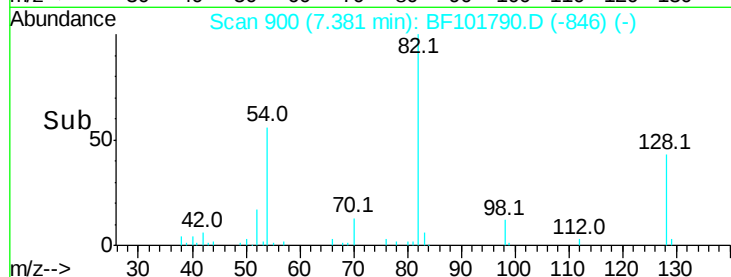
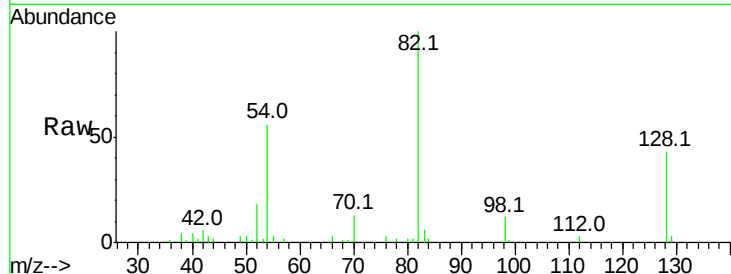




#23
Nitrobenzene-d5
Concen: 7.502 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.02 min
Lab File: BF101790.D
Acq: 28 Dec 2017 4:57

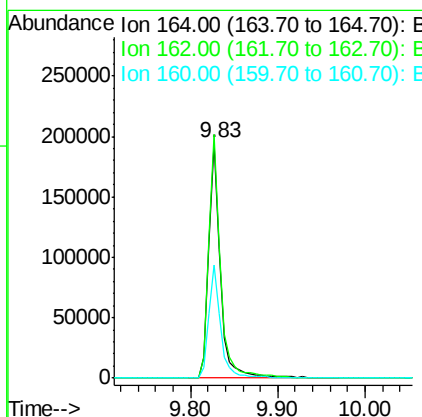
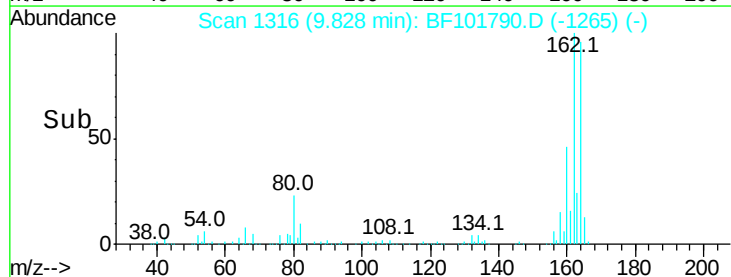
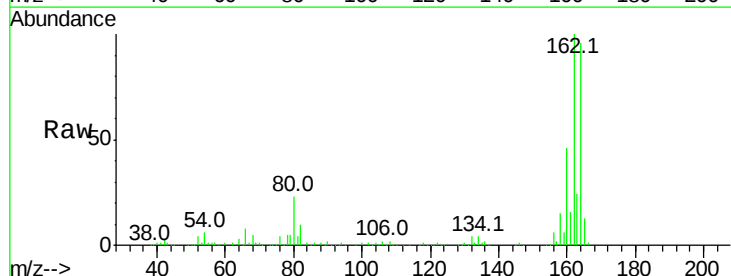
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tot Ion: 82 Resp: 64918
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 55.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101790.D
Acq: 28 Dec 2017 4:57

Tgt Ion:164 Resp: 183419
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 48.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 9.160 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

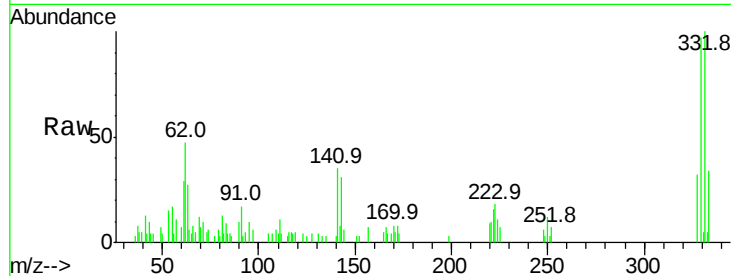
Tot Ion:330 Resp: 16189

Ion Ratio Lower Upper

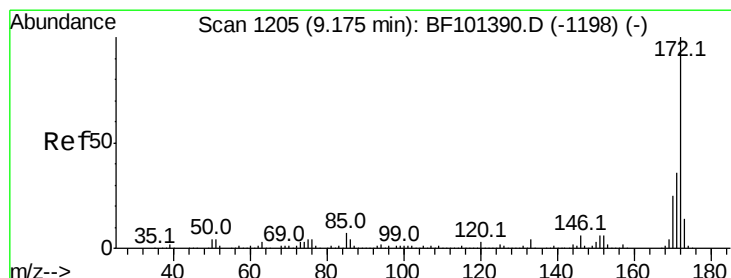
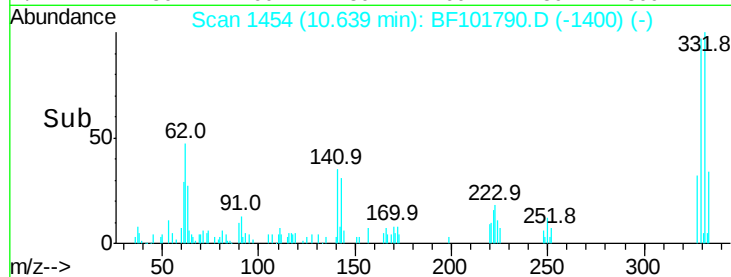
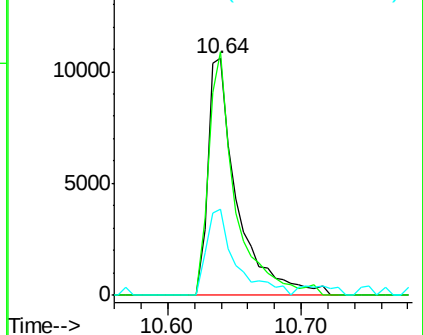
330 100

332 94.2 77.0 115.6

141 36.1 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: 9.918 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

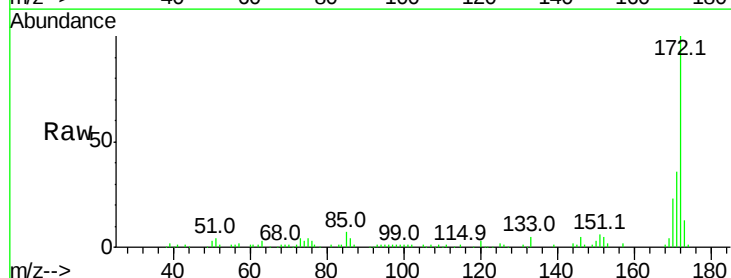
Tgt Ion:172 Resp: 117271

Ion Ratio Lower Upper

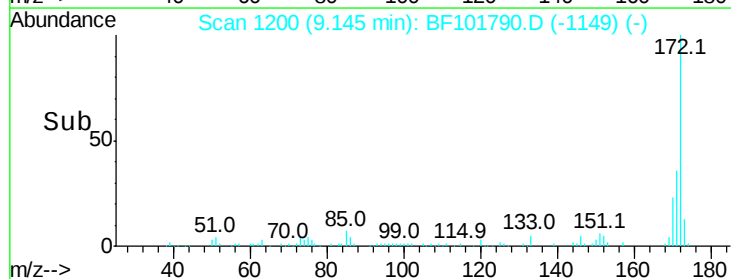
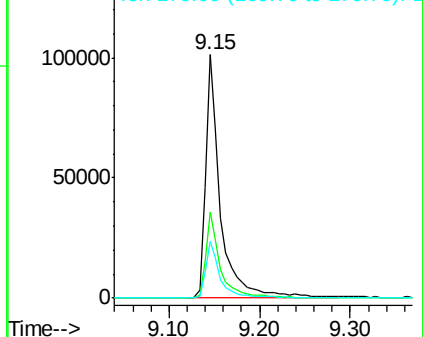
172 100

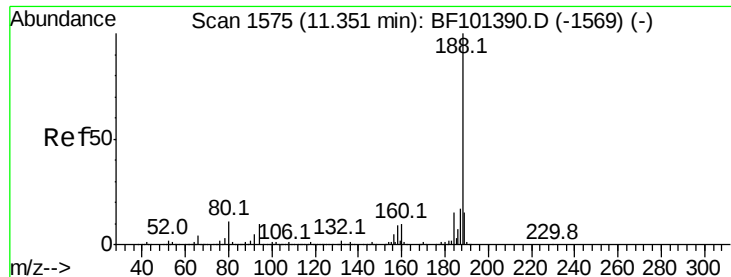
171 35.6 29.7 44.5

170 23.5 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

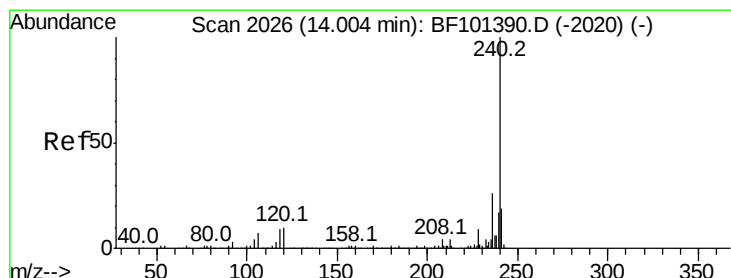
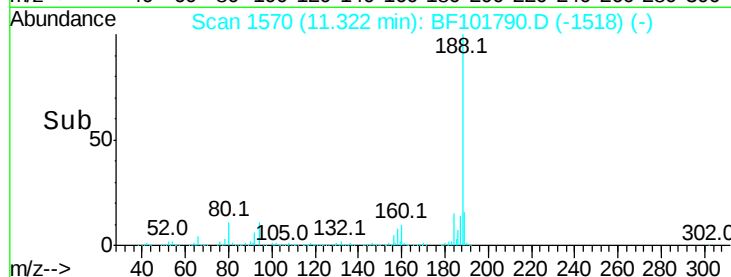
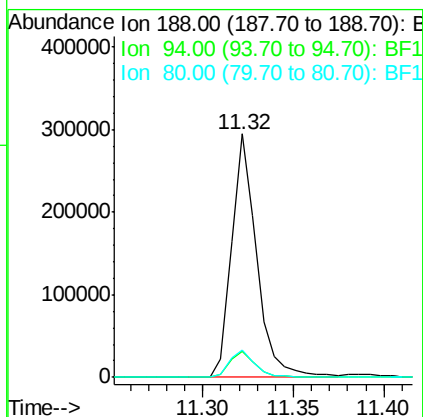
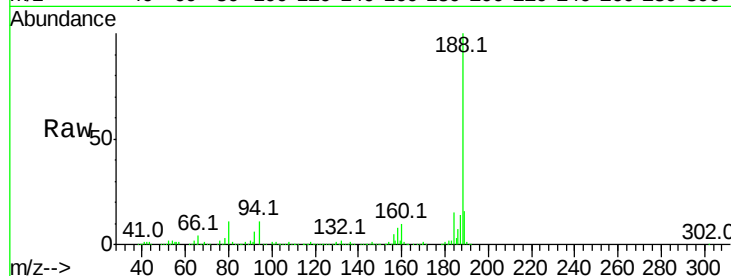




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101790.D
Acq: 28 Dec 2017 4:57

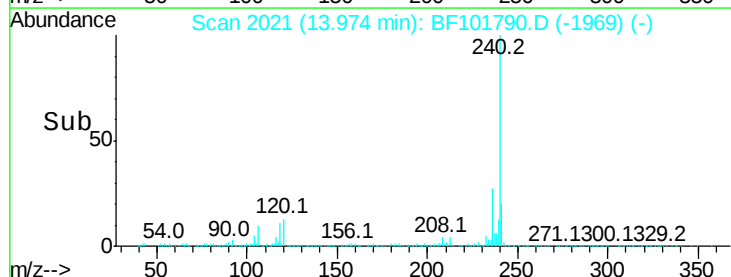
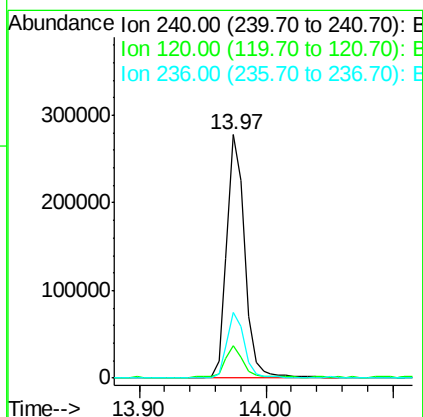
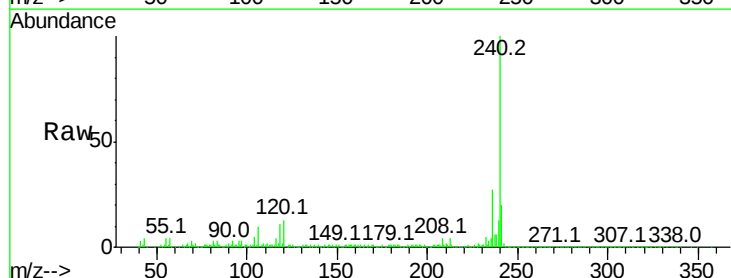
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

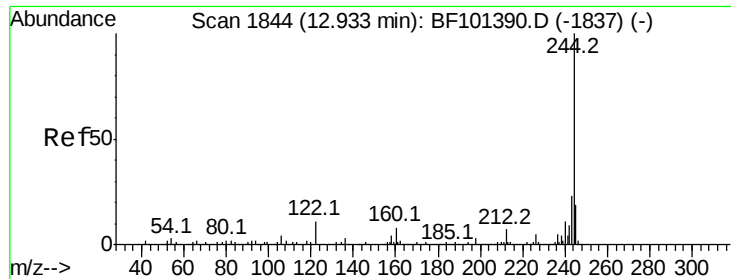
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101790.D
Acq: 28 Dec 2017 4:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.7	20.7	31.1





#78

Terphenyl-d14

Concen: 7.708 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

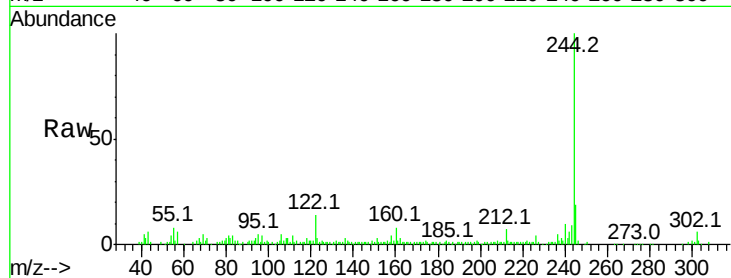
Tot Ion:244 Resp: 87036

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

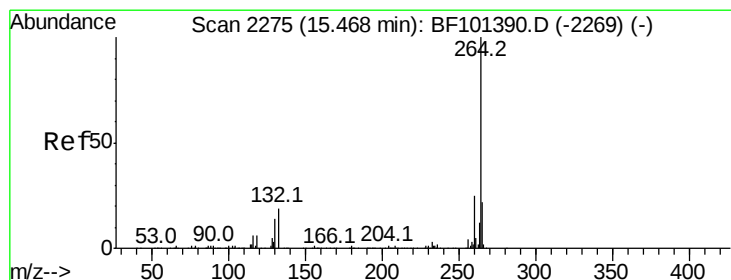
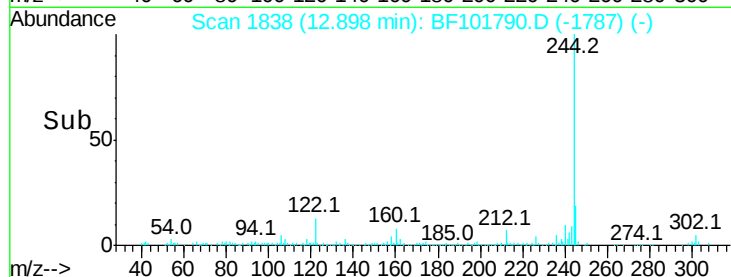
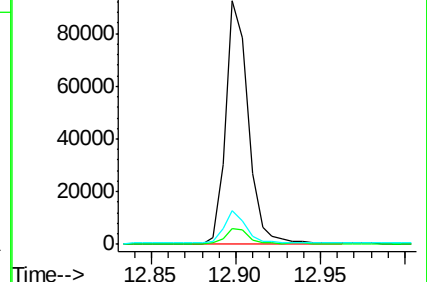
122 13.7 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. 0.02 min

Lab File: BF101790.D

Acq: 28 Dec 2017 4:57

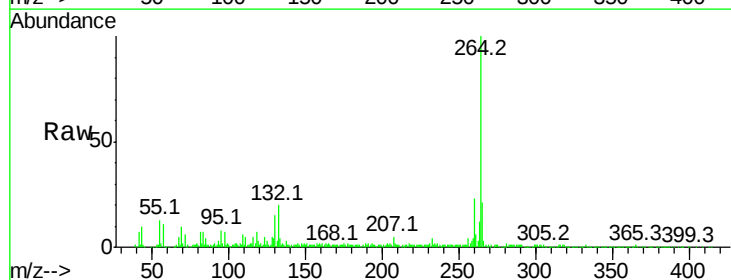
Tgt Ion:264 Resp: 212377

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.4 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

