

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092493.D
 Acq On : 25 Jan 2017 22:52
 Operator : SJ/MA
 Sample : I1398-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-012017

Quant Time: Jan 26 14:59:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151528	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	615229	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	321543	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	541801	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	512349	20.00	ng	-0.02
86) Perylene-d12	15.62	264	419490	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	537106	55.15	ng	0.00
7) Phenol-d6	6.58	99	499617	40.27	ng	-0.01
23) Nitrobenzene-d5	7.53	82	810315	71.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	286772	130.88	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1450932	83.44	ng	-0.01
78) Terphenyl-d14	13.10	244	1443749	75.04	ng	-0.01

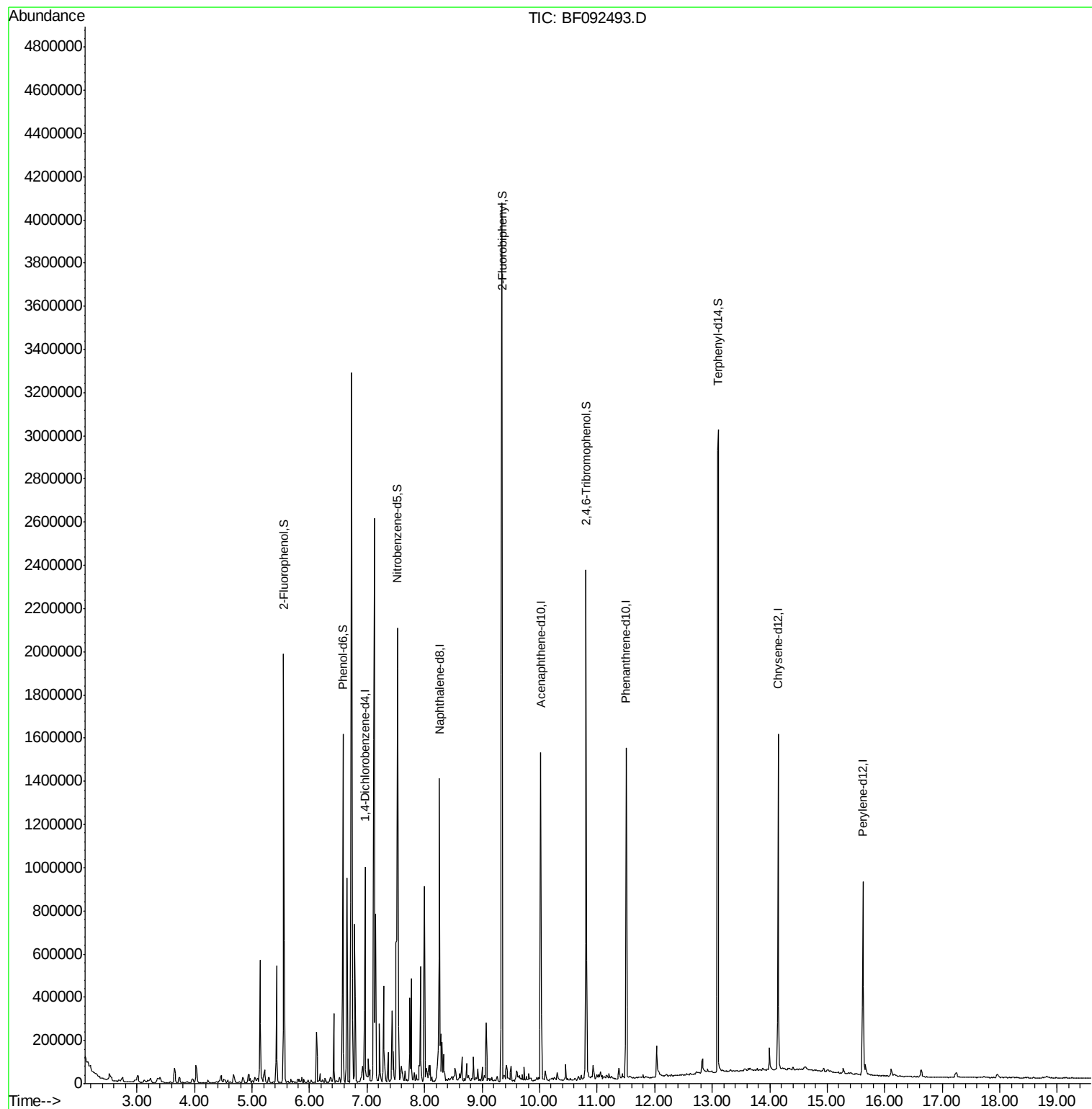
Target Compounds Qvalue

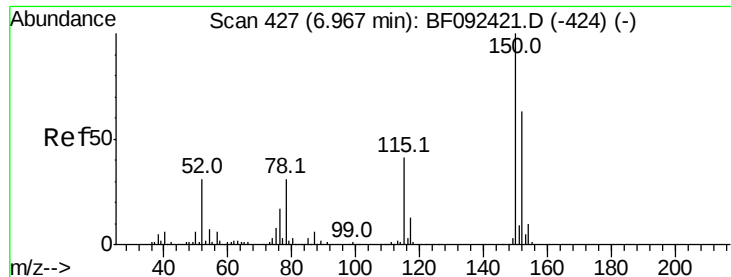
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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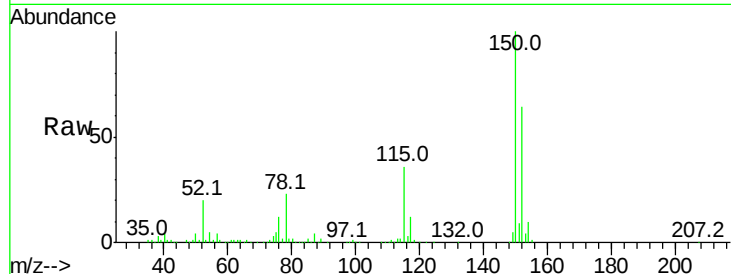


#1

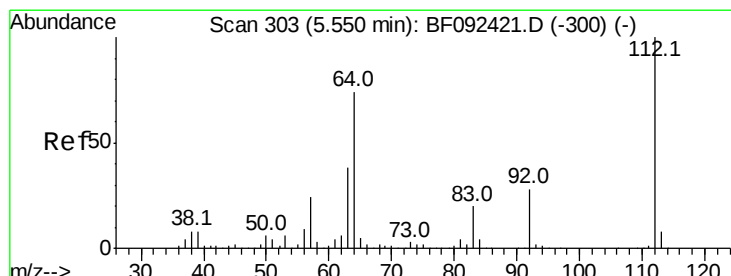
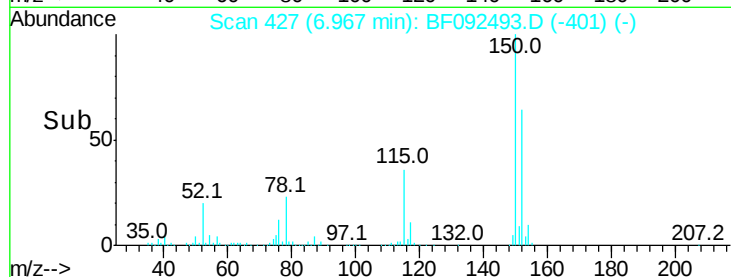
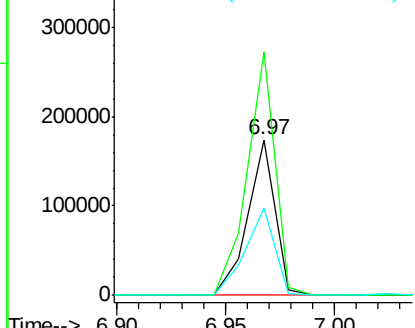
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092493.D
Acq: 25 Jan 2017 22:52

Instrument :
BNA_F
ClientSampleId :
MW-2A-012017

Tot Ion:152 Resp: 151528
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 56.0 46.0 69.0



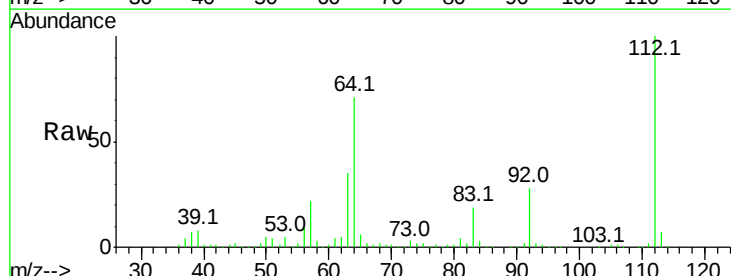
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



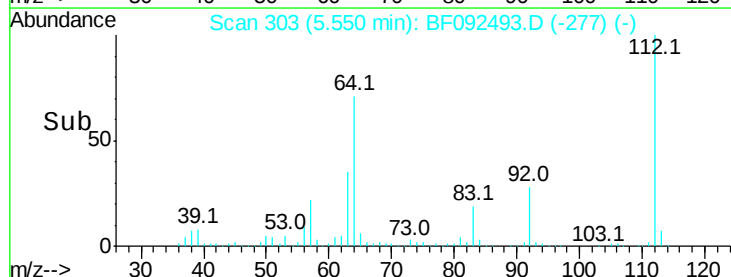
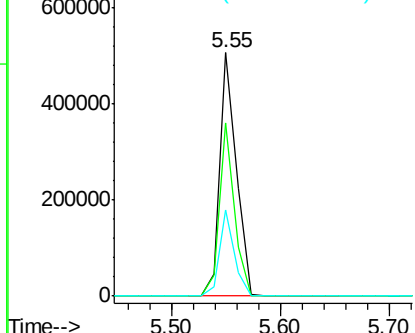
#5

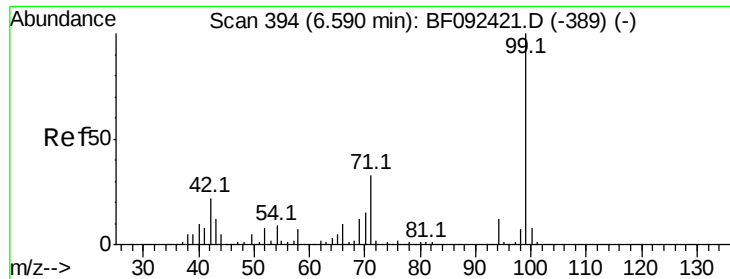
2-Fluorophenol
Concen: 55.15 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092493.D
Acq: 25 Jan 2017 22:52

Tgt Ion:112 Resp: 537106
Ion Ratio Lower Upper
112 100
64 70.9 46.1 69.1#
63 35.5 23.8 35.6



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: 40.27 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

MW-2A-012017

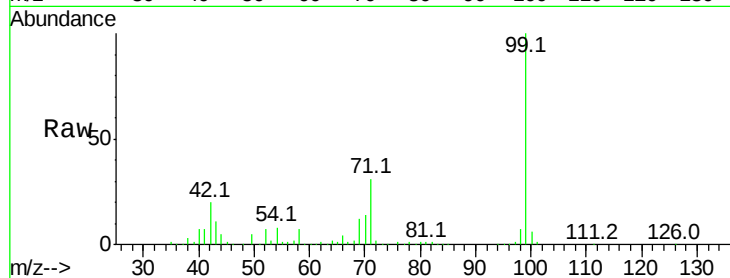
Tot Ion: 99 Resp: 499617

Ion Ratio Lower Upper

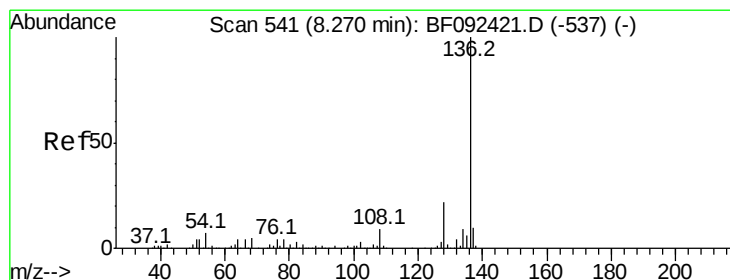
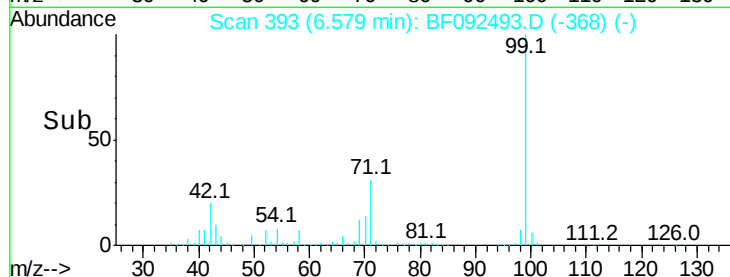
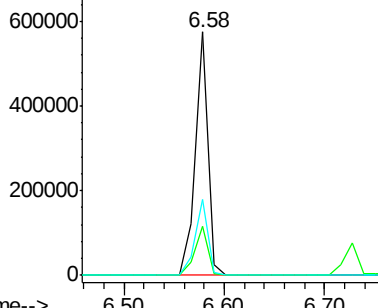
99 100

42 19.9 15.6 23.4

71 31.0 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

Tgt Ion: 136 Resp: 615229

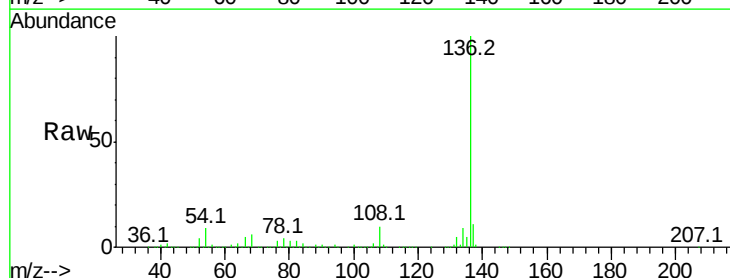
Ion Ratio Lower Upper

136 100

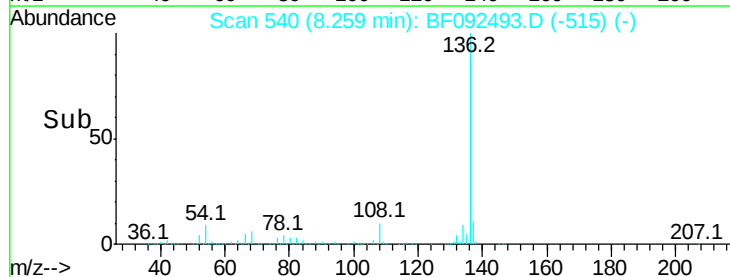
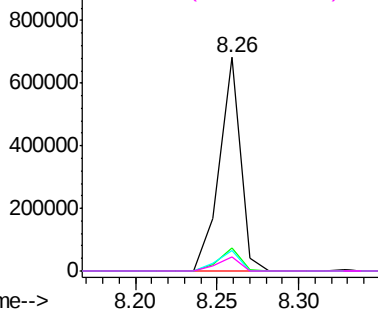
137 11.0 8.4 12.6

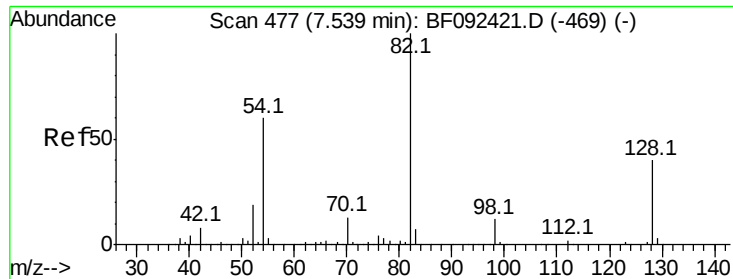
54 9.5 4.5 6.7#

68 6.4 3.6 5.4#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

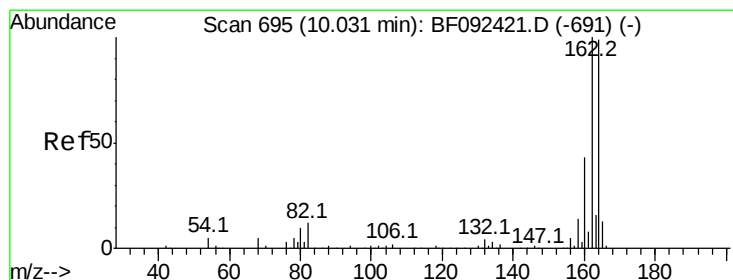
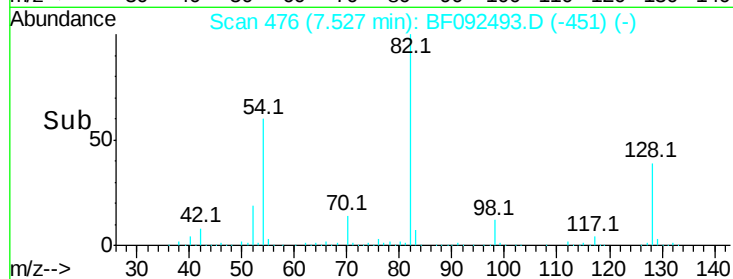
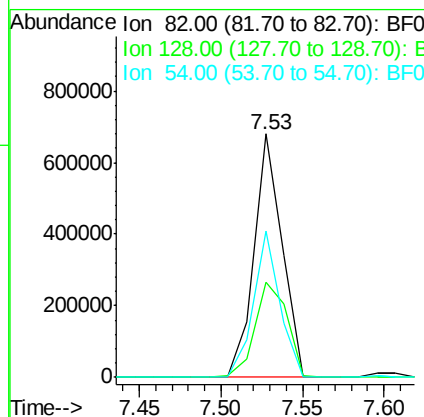
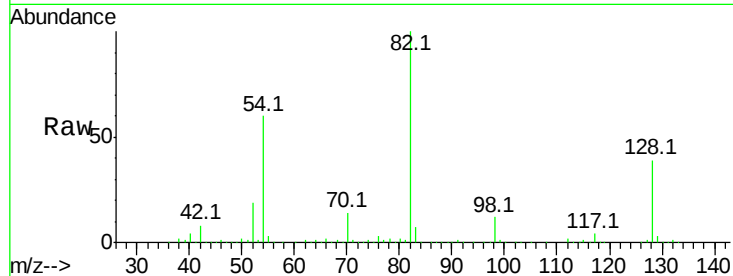




#23
 Nitrobenzene-d5
 Concen: 71.95 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092493.D
 Acq: 25 Jan 2017 22:52

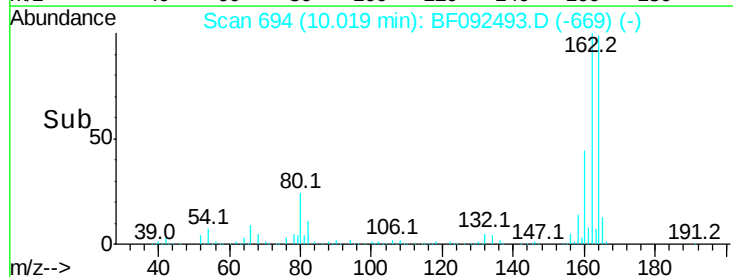
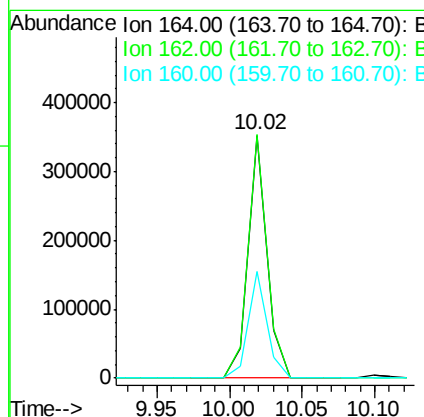
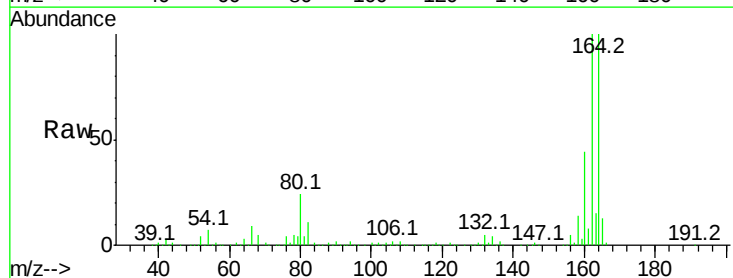
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-012017

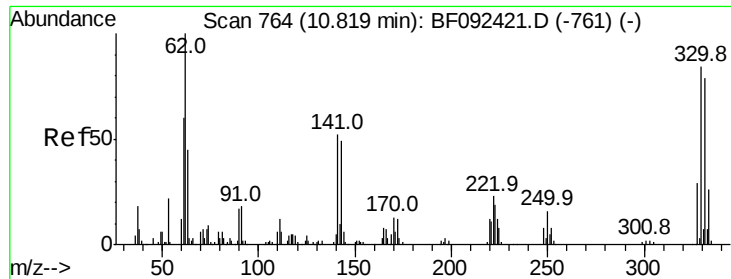
Tot Ion:	82	Resp:	810315
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.6	52.0
54	59.9	39.5	59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092493.D
 Acq: 25 Jan 2017 22:52

Tgt Ion:	164	Resp:	321543
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.2	120.2
160	44.1	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 130.88 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

MW-2A-012017

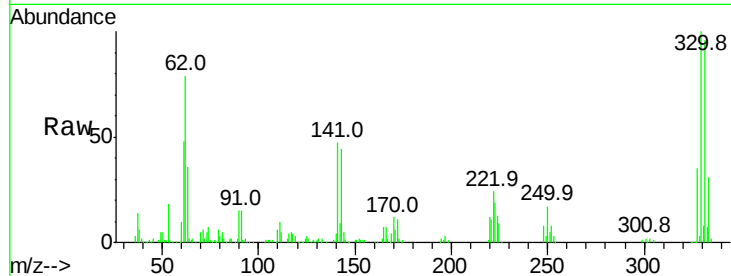
Tot Ion:330 Resp: 286772

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

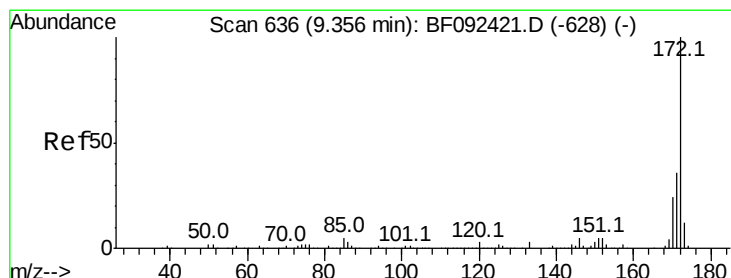
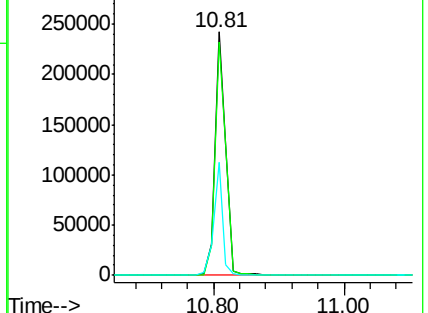
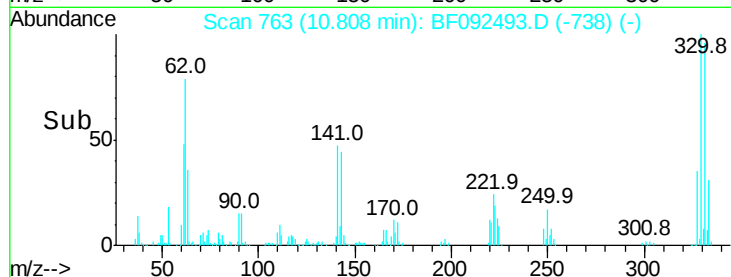
141 38.4 34.1 51.1



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: 83.44 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

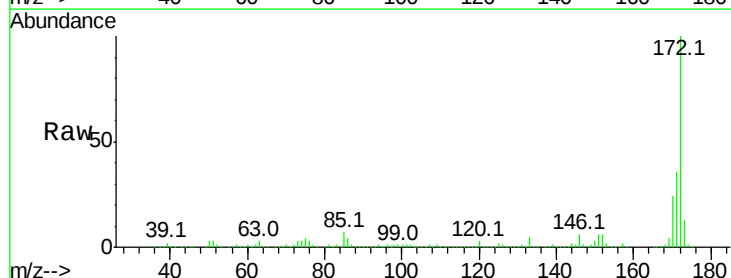
Tgt Ion:172 Resp: 1450932

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

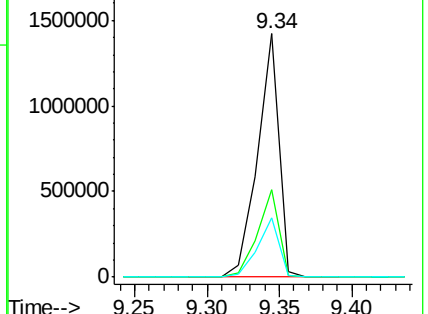
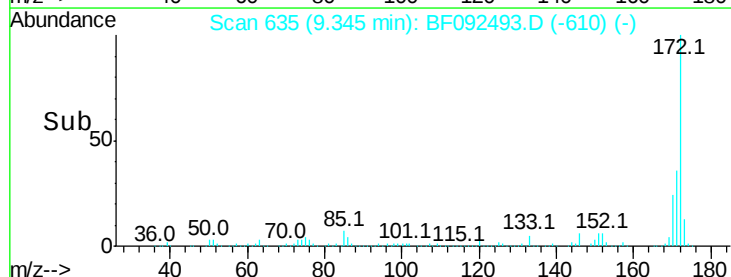
170 24.5 20.2 30.4

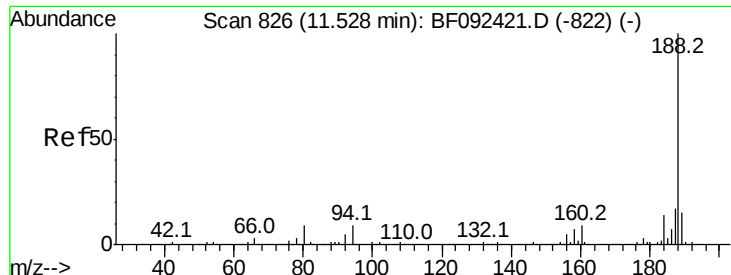


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

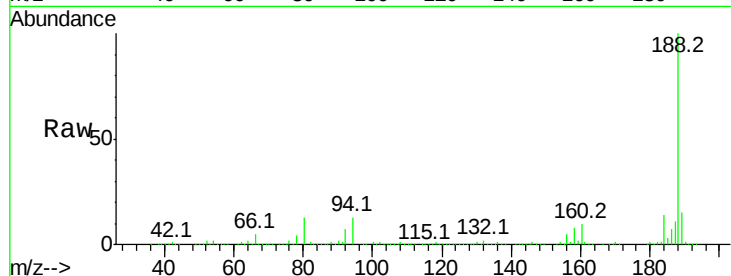




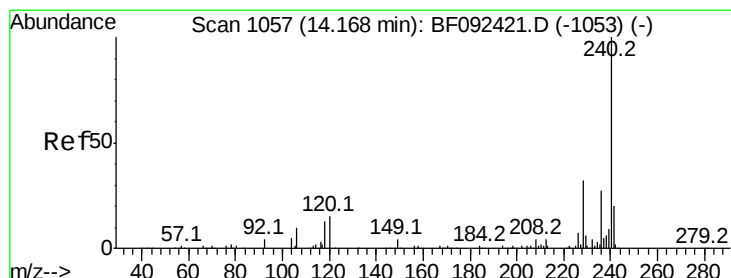
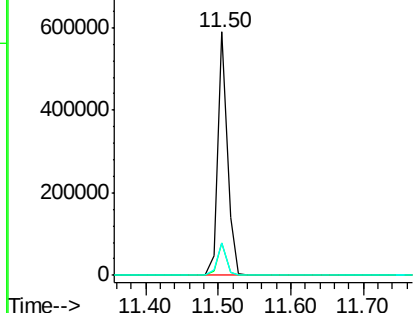
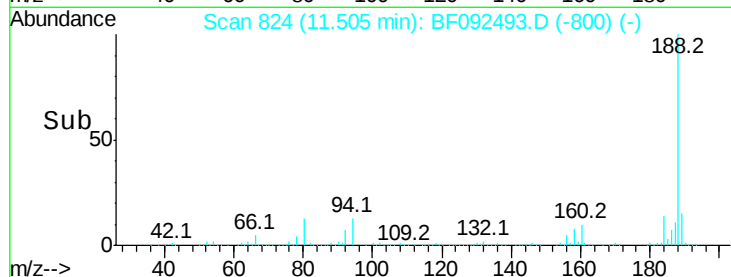
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092493.D
Acq: 25 Jan 2017 22:52

Instrument :
BNA_F
ClientSampleId :
MW-2A-012017

Tot Ion:188 Resp: 541801
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 13.4 11.2 16.8

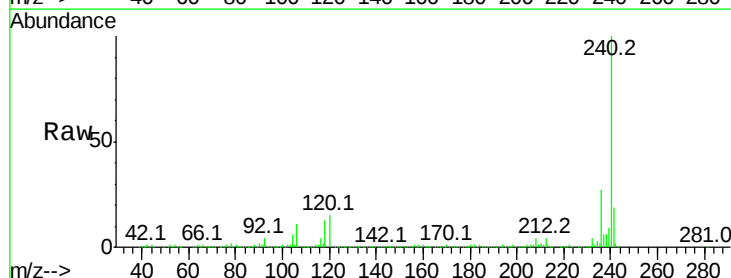


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

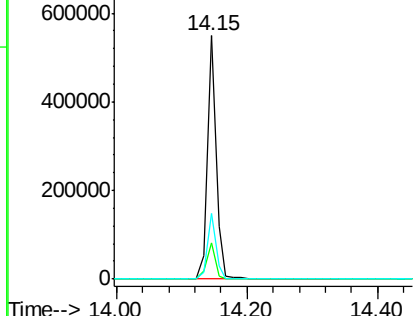
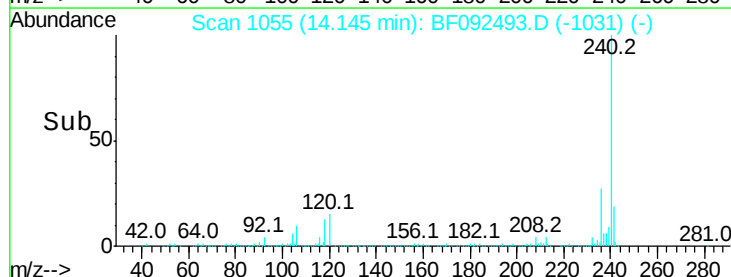


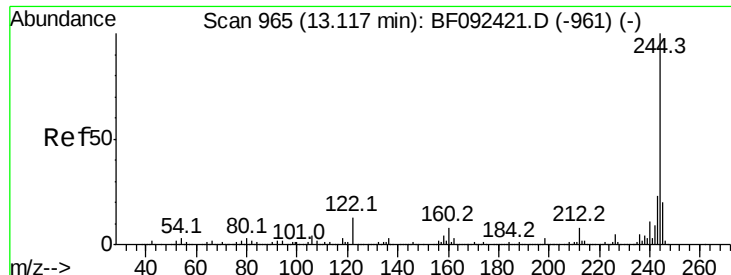
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092493.D
Acq: 25 Jan 2017 22:52

Tgt Ion:240 Resp: 512349
Ion Ratio Lower Upper
240 100
120 14.7 12.9 19.3
236 26.9 20.9 31.3



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: 75.04 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

MW-2A-012017

Tot Ion:244 Resp: 1443749

Ion Ratio Lower Upper

244 100

212 6.7

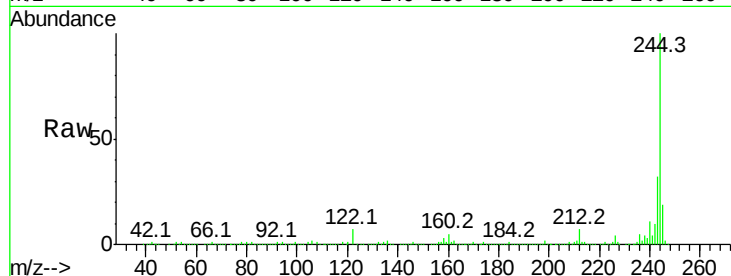
6.2

9.2

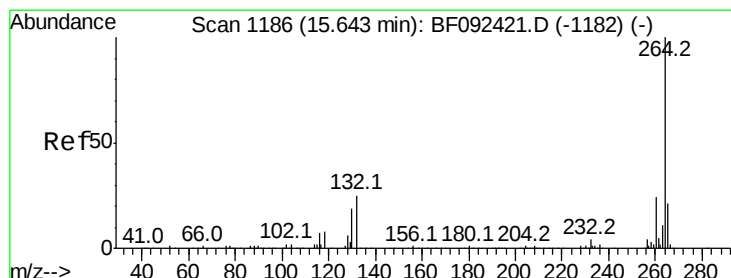
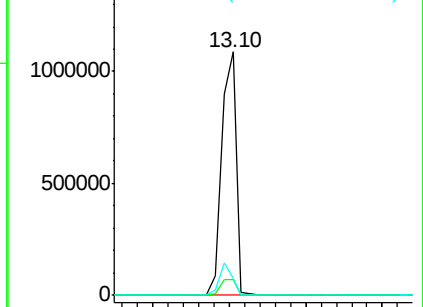
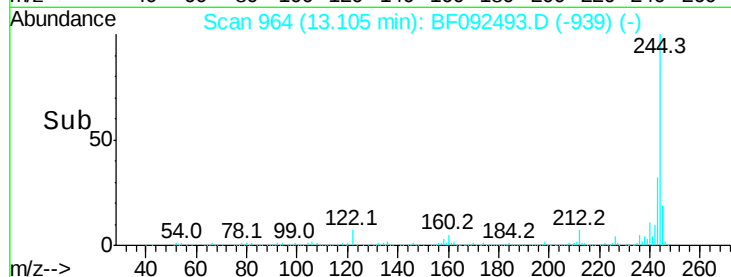
122 7.0

11.4

17.2#



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: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092493.D

Acq: 25 Jan 2017 22:52

Tgt Ion:264 Resp: 419490

Ion Ratio Lower Upper

264 100

260 23.9

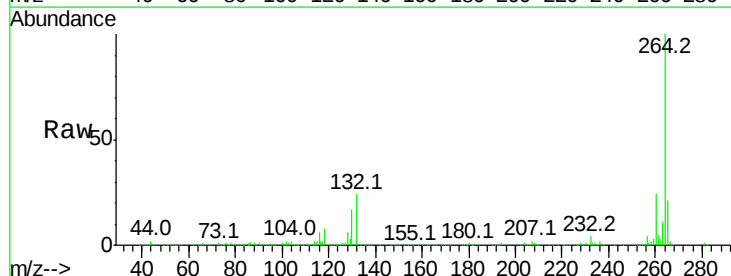
19.2

28.8

265 21.2

17.4

26.0



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

