

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093036.D
 Acq On : 20 Feb 2017 18:53
 Operator : SJ/MA
 Sample : I1890-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Quant Time: Feb 20 23:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

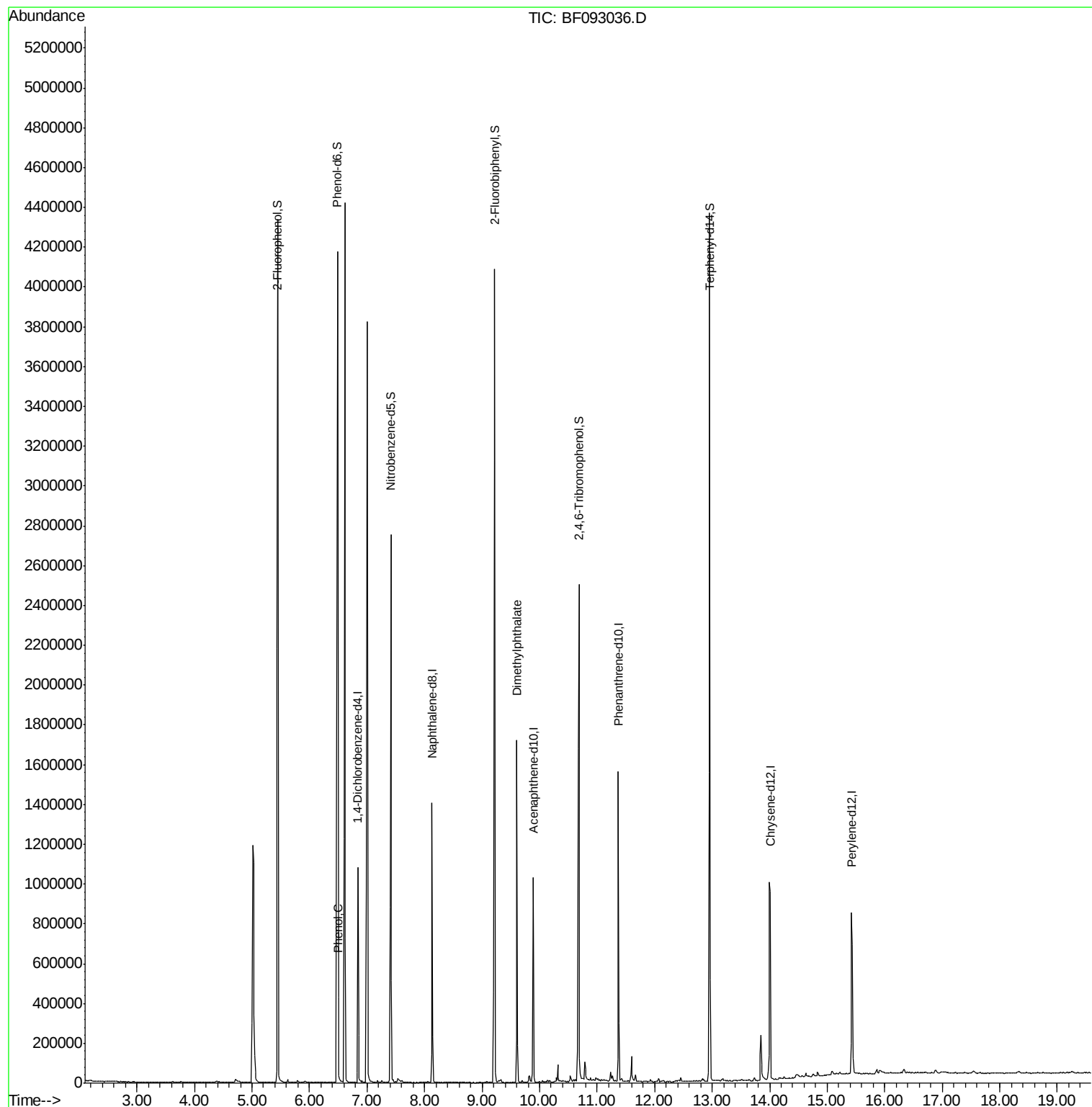
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152594	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	597720	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	288505	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	538697	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	507204	20.00	ng	-0.01
86) Perylene-d12	15.43	264	408399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1311878	147.50	ng	0.00
7) Phenol-d6	6.49	99	1599022	139.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	979413	91.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	360213	172.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1823388	114.50	ng	0.00
78) Terphenyl-d14	12.96	244	1432527	66.36	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	69687	5.20	ng	Qvalue # 66
49) Dimethylphthalate	9.61	163	652447	33.57	ng	98

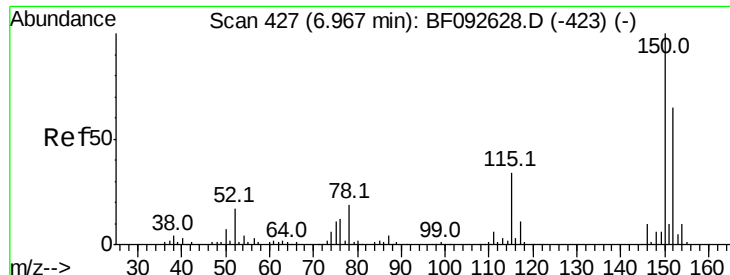
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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BNA_F

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24B-7-9

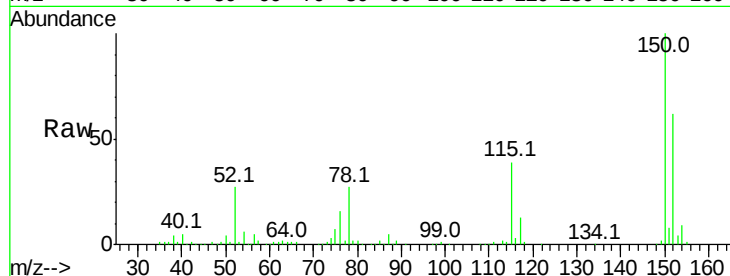
Tot Ion:152 Resp: 152594

Ion Ratio Lower Upper

152 100

150 161.2 124.9 187.3

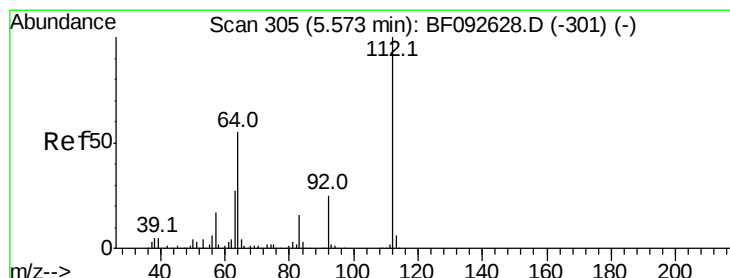
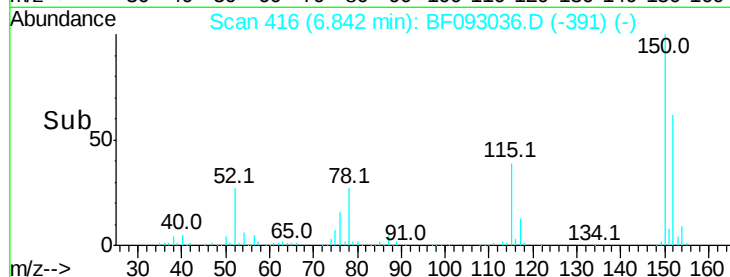
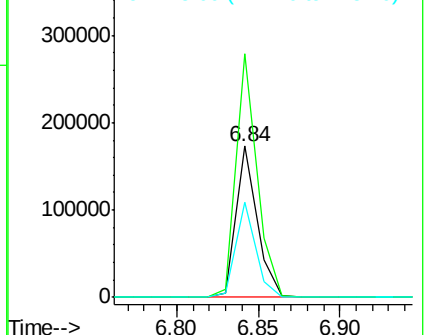
115 63.4 46.0 69.0



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: 147.50 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

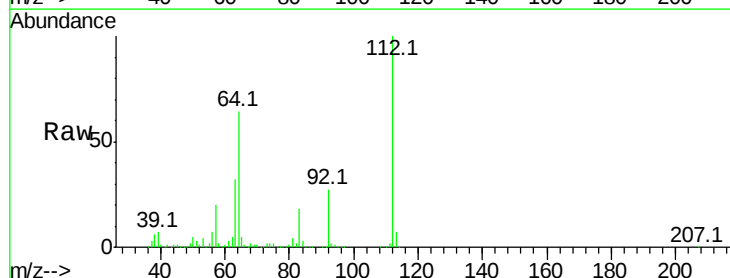
Tgt Ion:112 Resp: 1311878

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

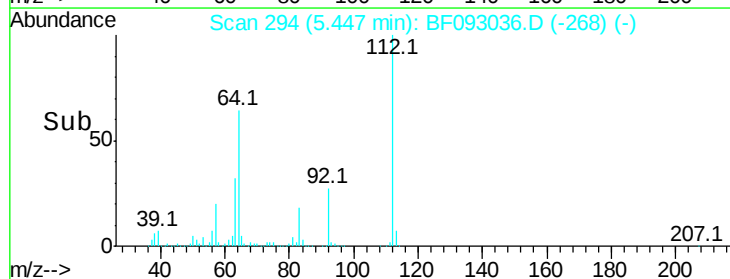
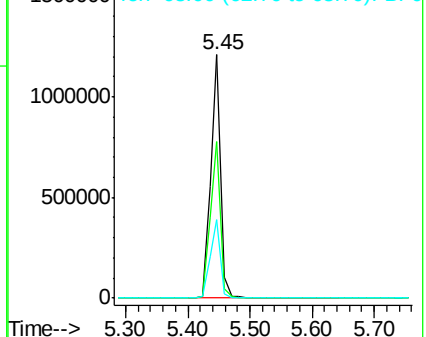
63 32.2 23.8 35.6

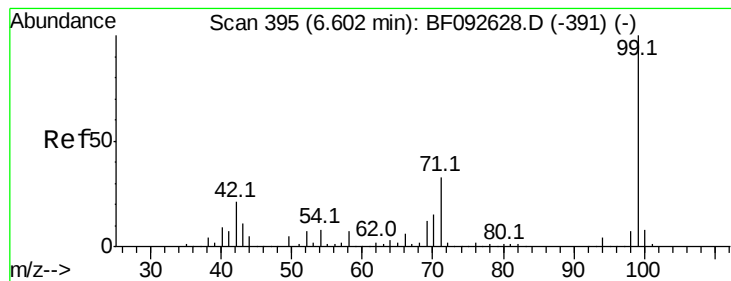


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.72 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

Instrument :

BNA_F

ClientSampleId :

24B-7-9

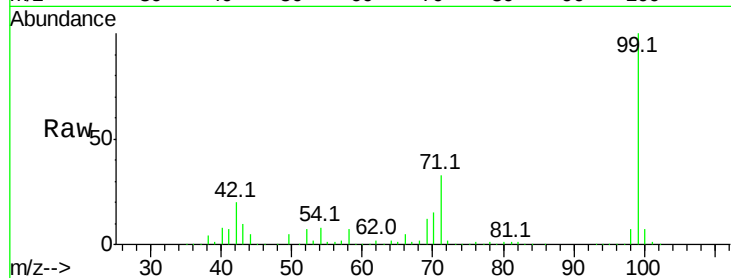
Tot Ion: 99 Resp: 1599022

Ion Ratio Lower Upper

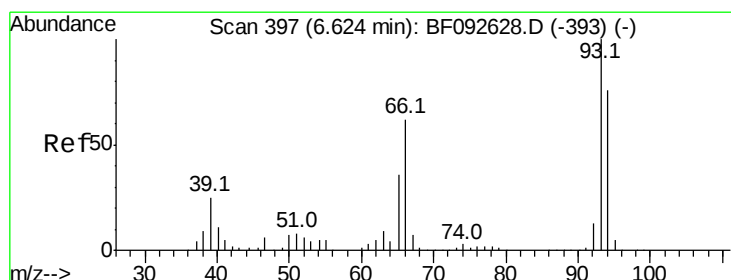
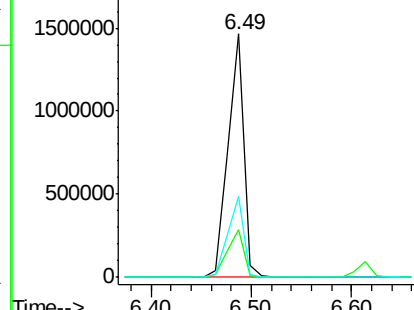
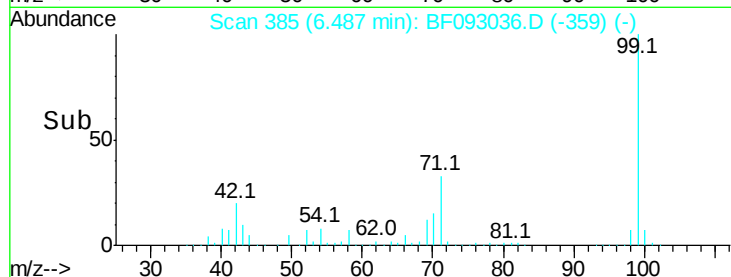
99 100

42 19.6 15.6 23.4

71 33.2 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



#10

Phenol

Concen: 5.20 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093036.D

Acq: 20 Feb 2017 18:53

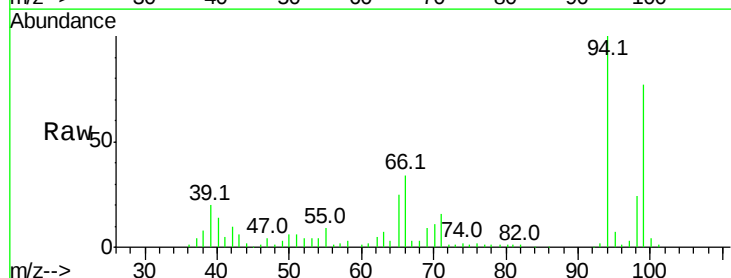
Tgt Ion: 94 Resp: 69687

Ion Ratio Lower Upper

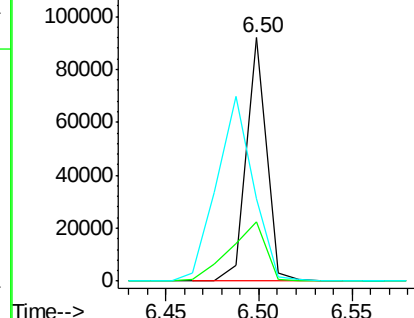
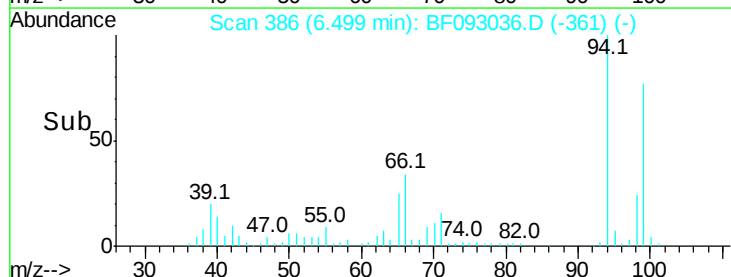
94 100

65 24.6 21.4 61.4

66 33.9 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

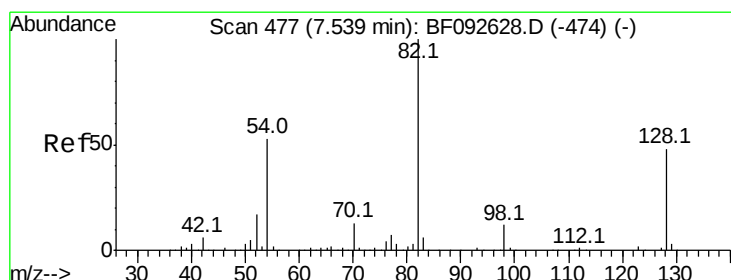
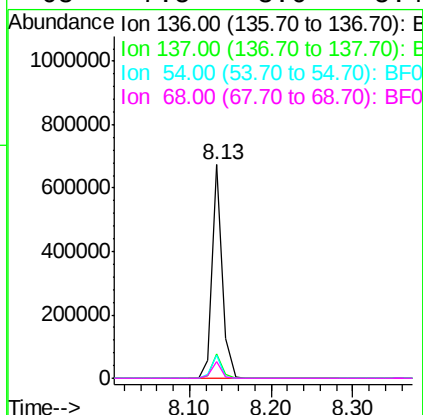
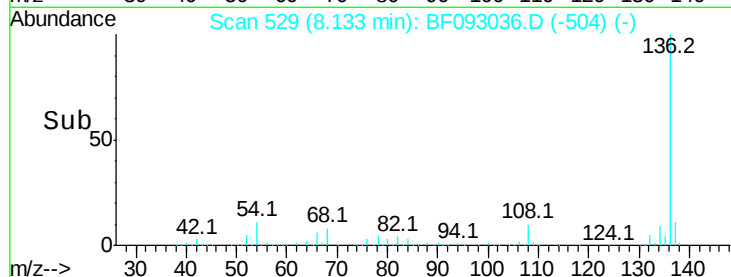
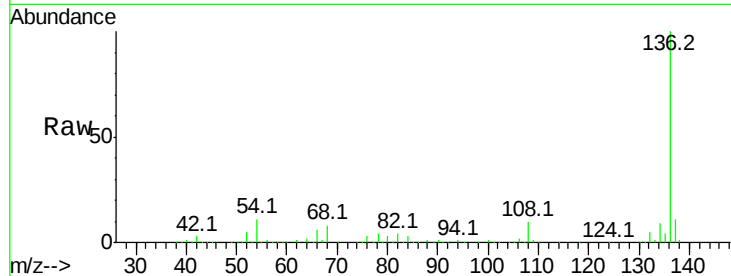




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

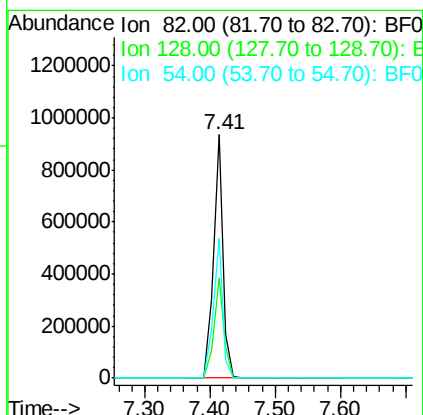
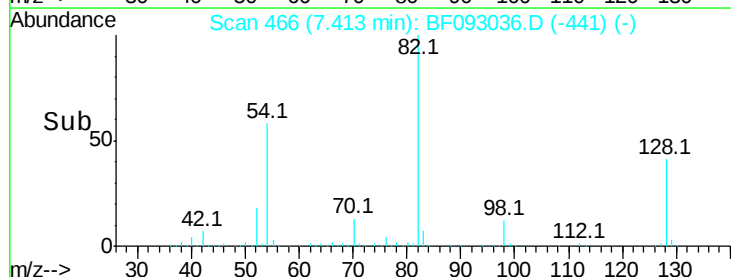
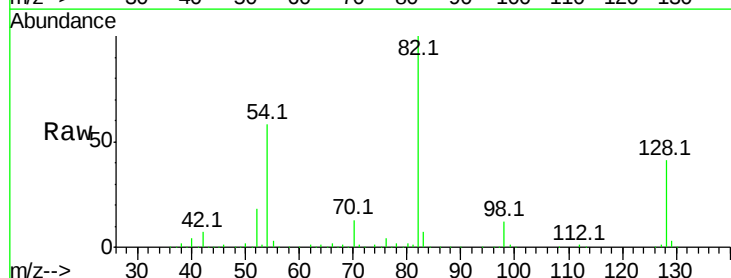
Instrument :
BNA_F
ClientSampleId :
24B-7-9

Tot Ion:136	Resp:	597720
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	11.0	4.5 6.7#
68	7.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 91.25 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

Tgt Ion: 82	Resp:	979413
Ion	Ratio	Lower Upper
82	100	
128	41.4	34.6 52.0
54	57.7	39.5 59.3

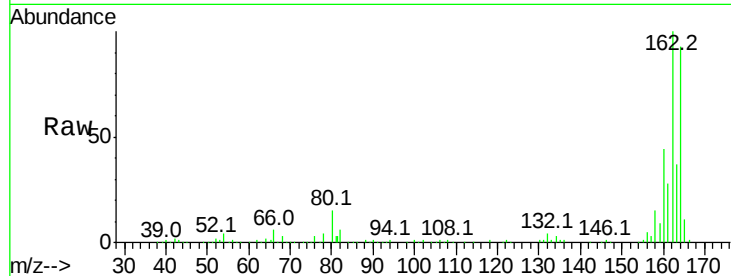




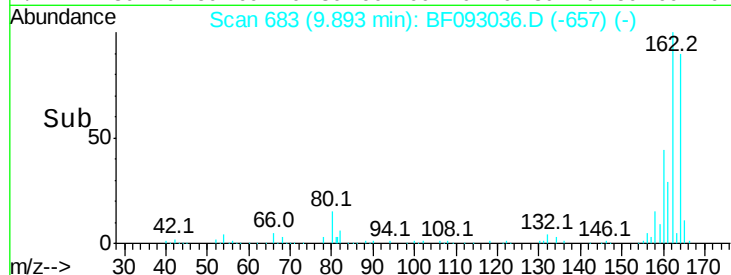
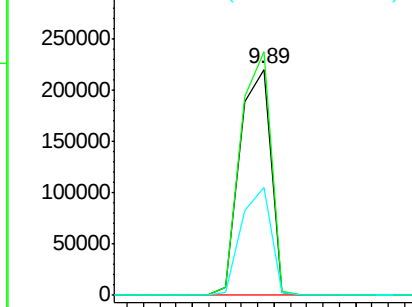
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Tot Ion:164 Resp: 288505
 Ion Ratio Lower Upper
 164 100
 162 107.8 80.2 120.2
 160 47.7 36.9 55.3

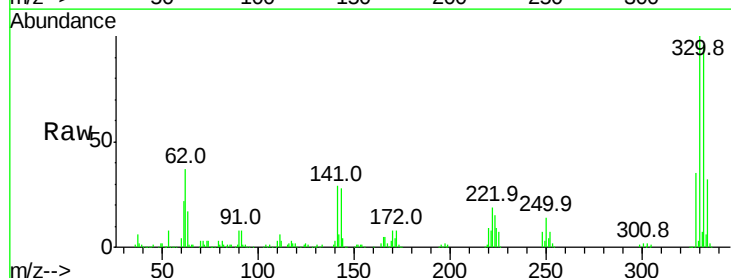


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

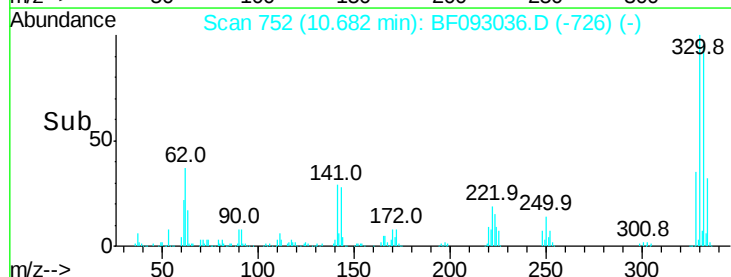
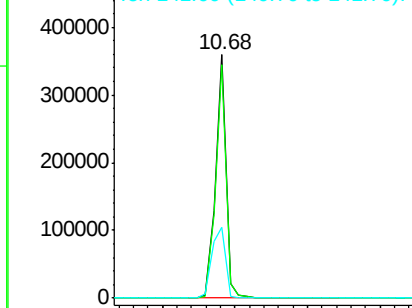


#41
 2,4,6-Tribromophenol
 Concen: 172.63 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion:330 Resp: 360213
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 38.6 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

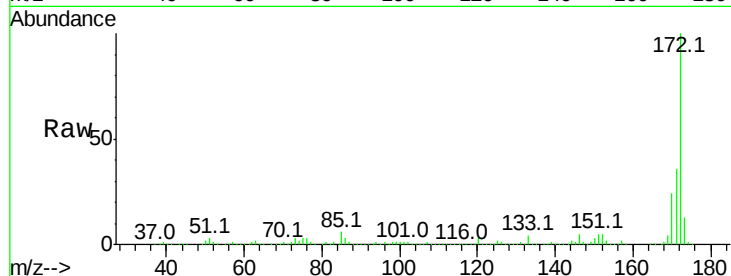




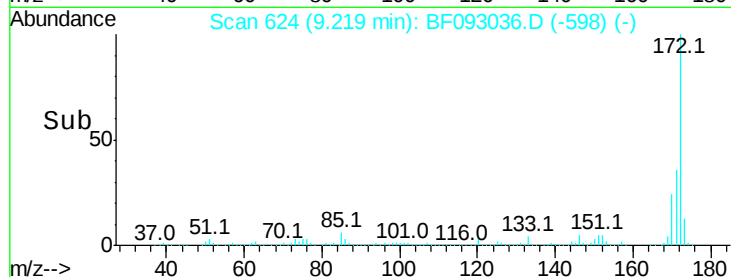
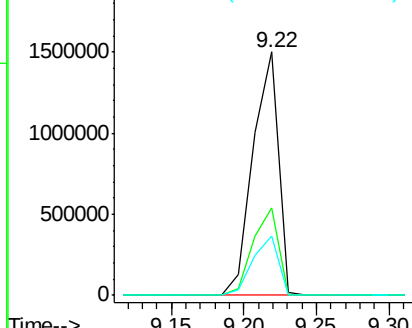
#44
2-Fluorobiphenyl
Concen: 114.50 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

Instrument :
BNA_F
ClientSampleId :
24B-7-9

Tot Ion:172 Resp: 1823388
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.5 20.2 30.4

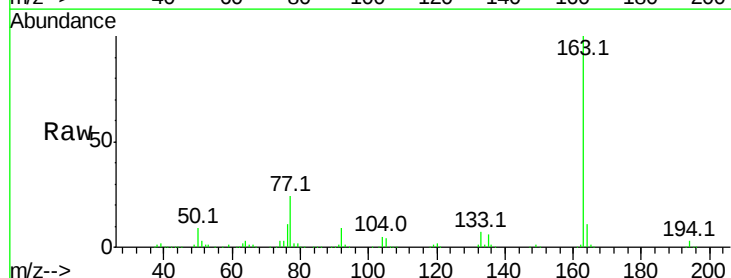


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

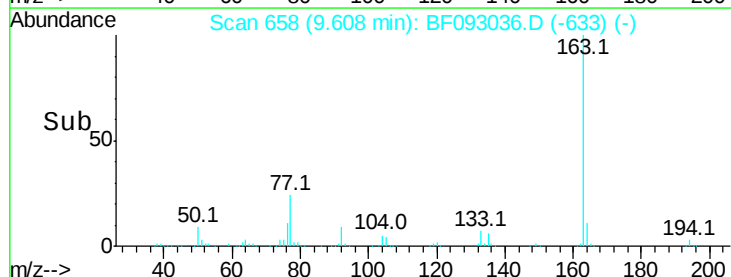
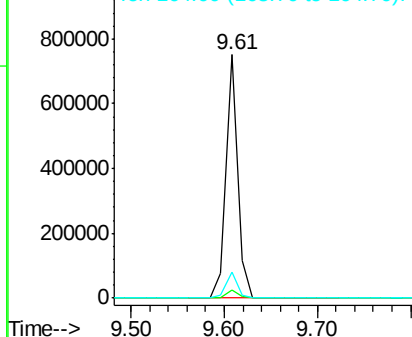


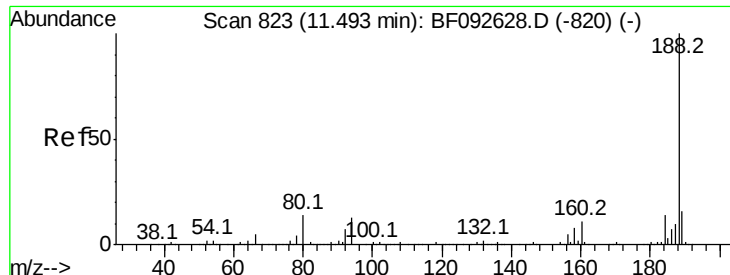
#49
Dimethylphthalate
Concen: 33.57 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

Tgt Ion:163 Resp: 652447
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

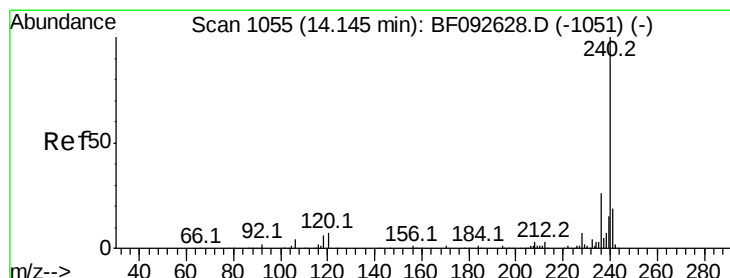
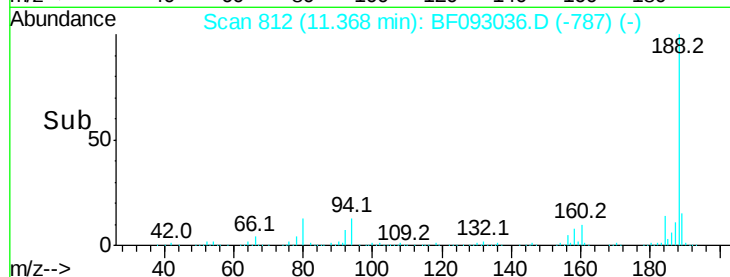
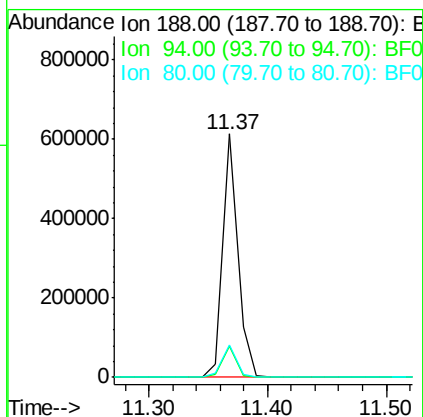
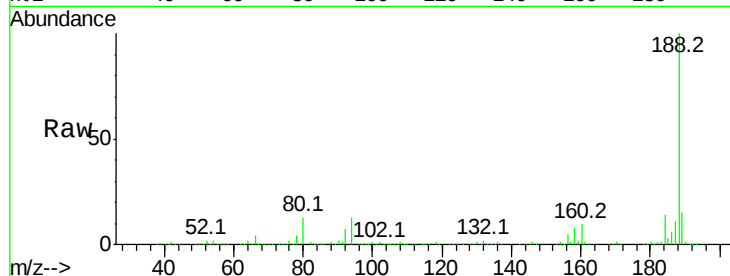




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

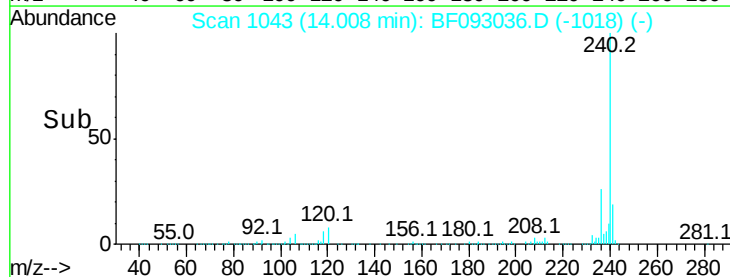
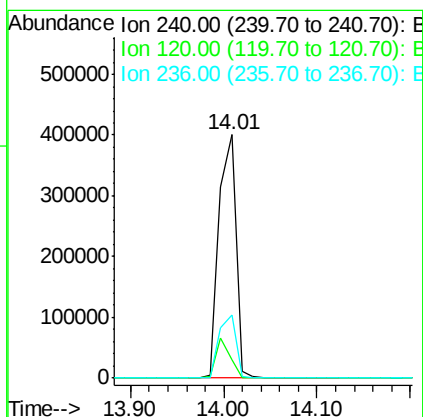
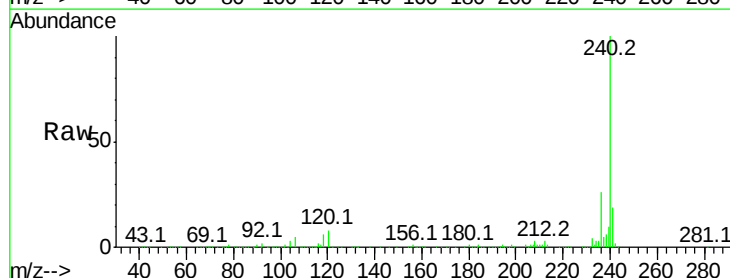
Instrument :
BNA_F
ClientSampleId :
24B-7-9

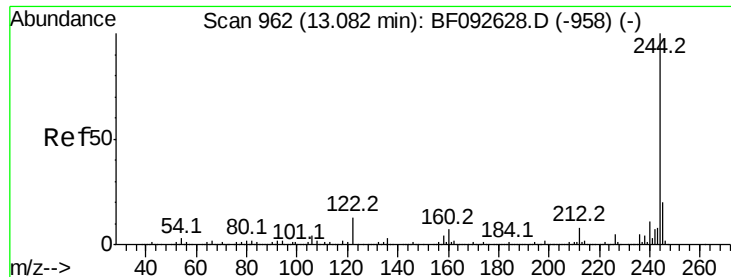
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	13.3	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093036.D
Acq: 20 Feb 2017 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	12.9	19.3#
236	25.9	20.9	31.3



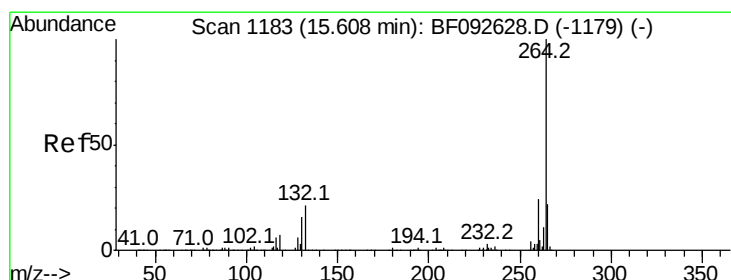
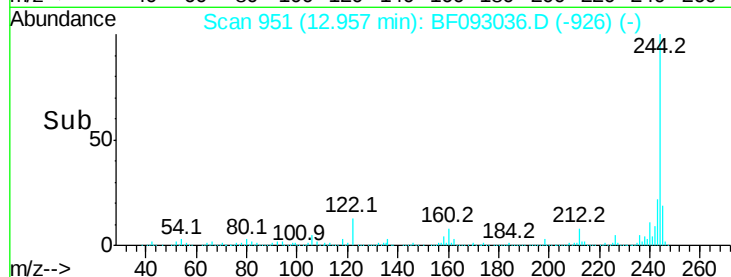
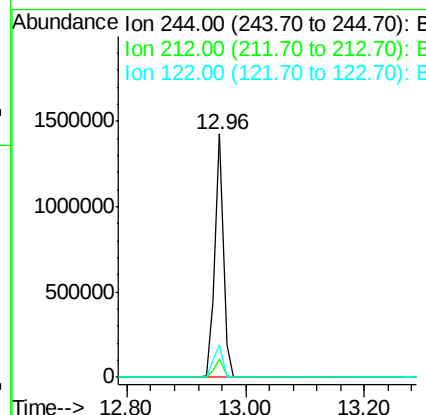
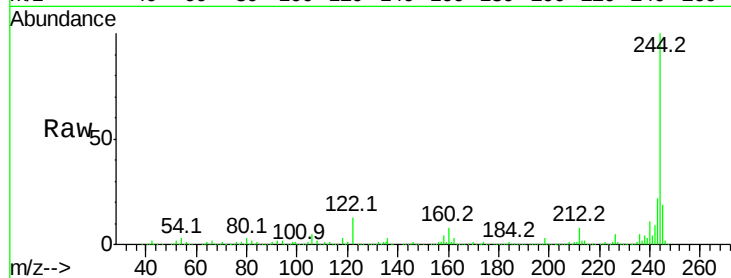


#78
 Terphenyl-d14
 Concen: 66.36 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 24B-7-9

Tot Ion:244 Resp: 1432527

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.1	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093036.D
 Acq: 20 Feb 2017 18:53

Tgt Ion:264 Resp: 408399

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.8	17.4	26.0

