

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093243.D
 Acq On : 28 Feb 2017 12:45
 Operator : SJ/MA
 Sample : I2017-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK3-1-20170227

Quant Time: Feb 28 14:19:50 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

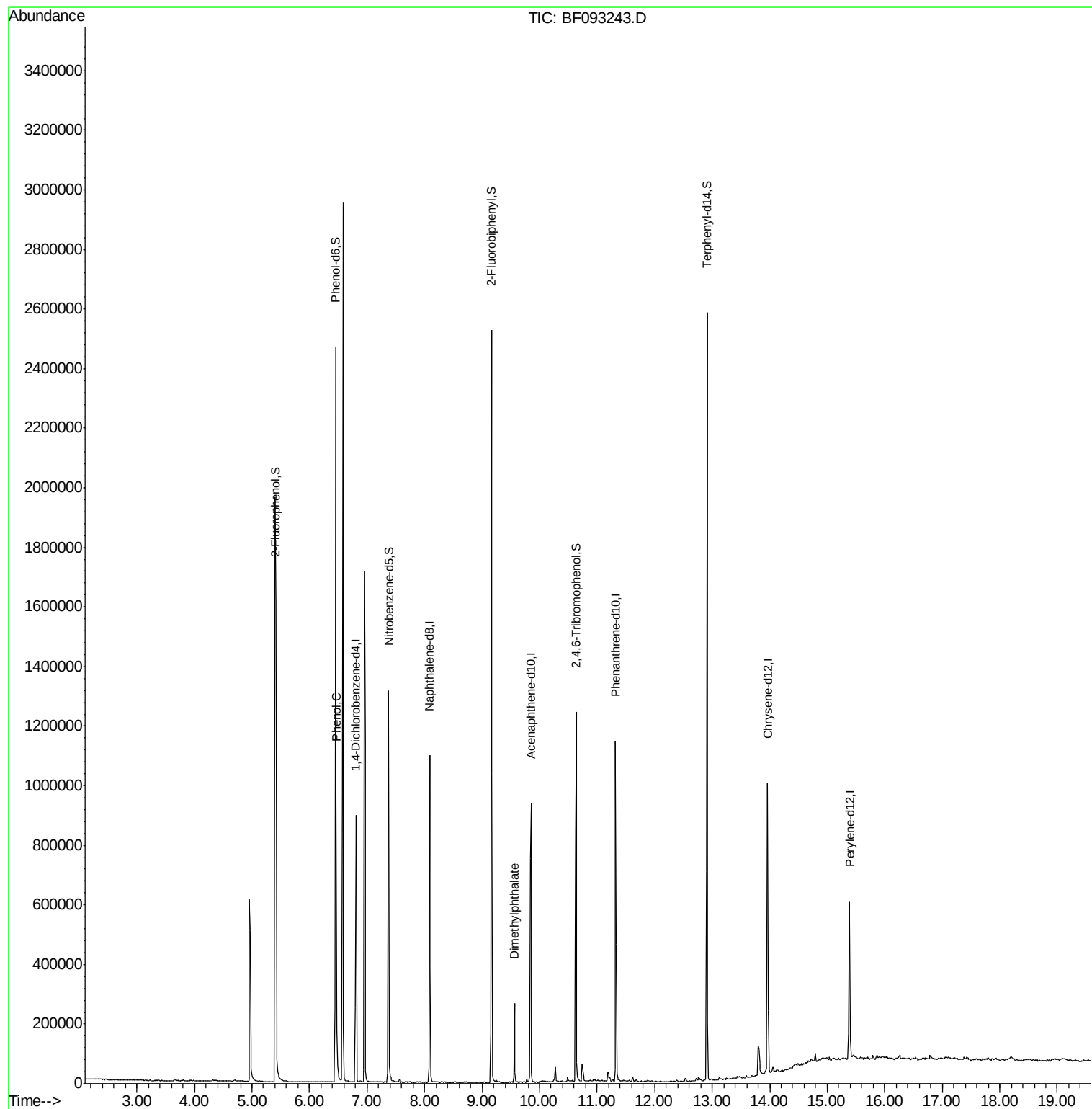
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138196	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	525613	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	253520	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	449621	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	319115	20.00	ng	-0.06
86) Perylene-d12	15.39	264	275336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	779478	96.77	ng	-0.03
7) Phenol-d6	6.45	99	906484	87.46	ng	-0.03
23) Nitrobenzene-d5	7.38	82	607945	64.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	177657	96.89	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	891644	63.72	ng	-0.06
78) Terphenyl-d14	12.91	244	771149	56.78	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	67698	5.58	ng	91
49) Dimethylphthalate	9.56	163	101146	5.92	ng	99

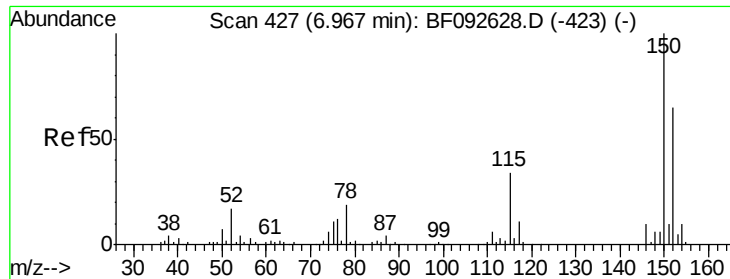
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

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TK3-1-20170227

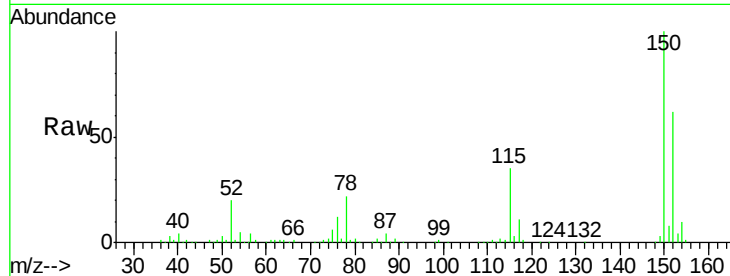
Tgt Ion:152 Resp: 138196

Ion Ratio Lower Upper

152 100

150 160.3 124.9 187.3

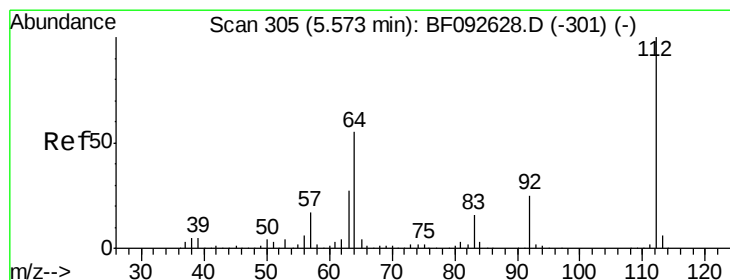
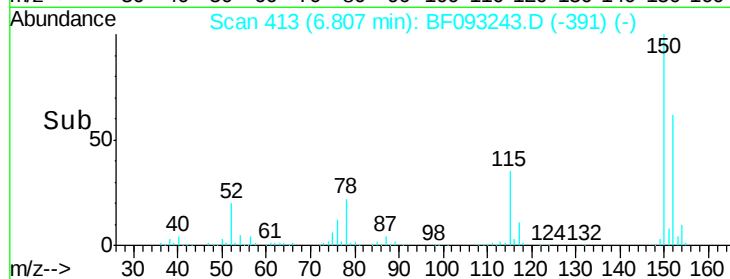
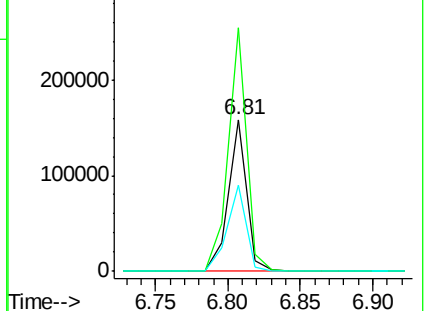
115 56.6 46.0 69.0



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: 96.77 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

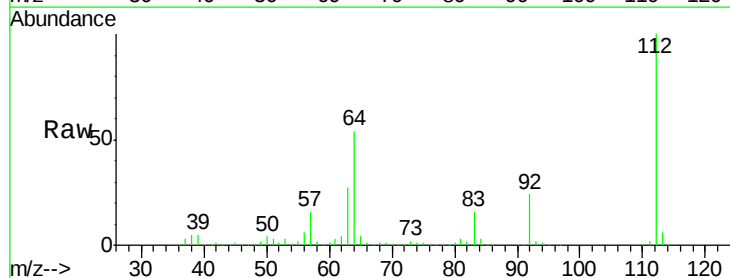
Tgt Ion:112 Resp: 779478

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

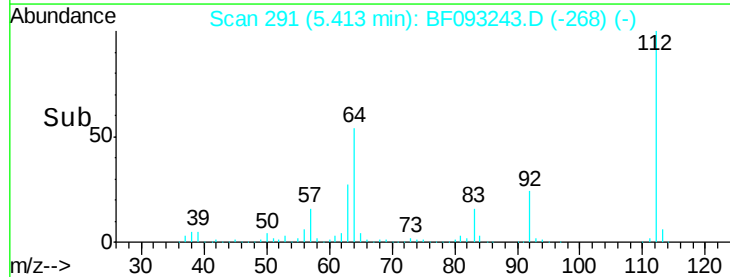
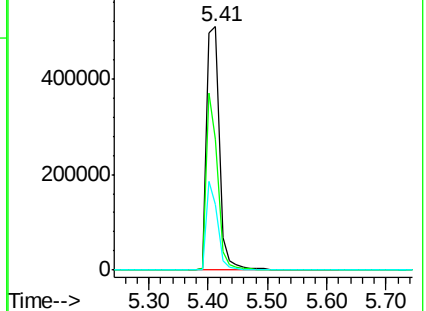
63 26.9 23.8 35.6



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: 87.46 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampleId :

TK3-1-20170227

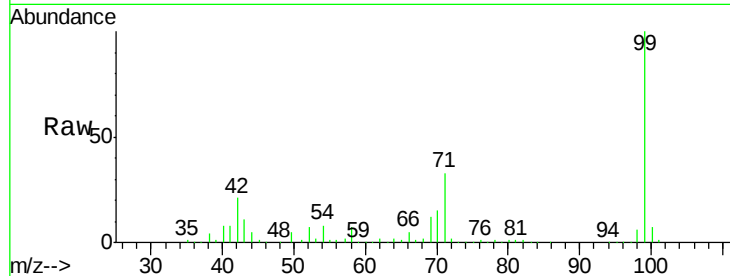
Tgt Ion: 99 Resp: 906484

Ion Ratio Lower Upper

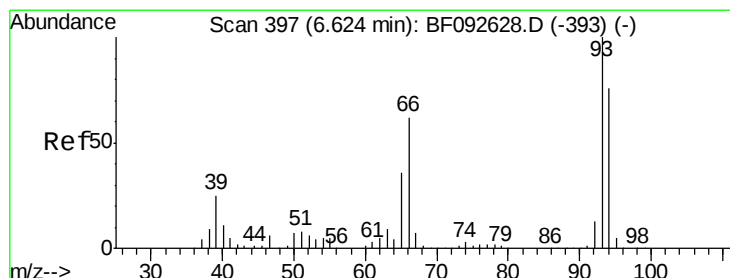
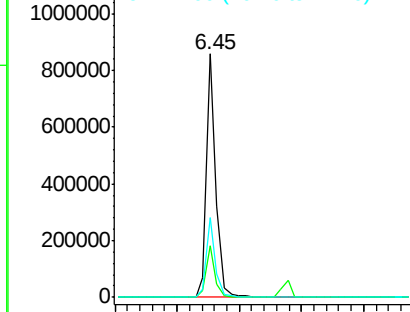
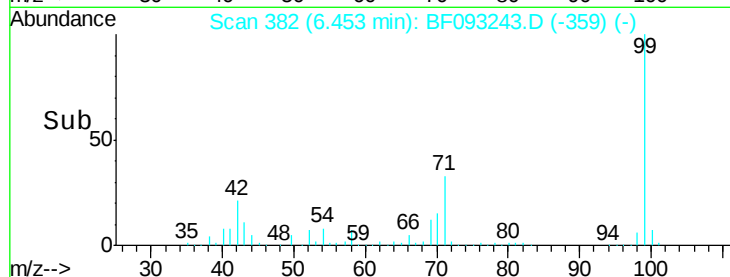
99 100

42 21.0 15.6 23.4

71 32.6 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: 5.58 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

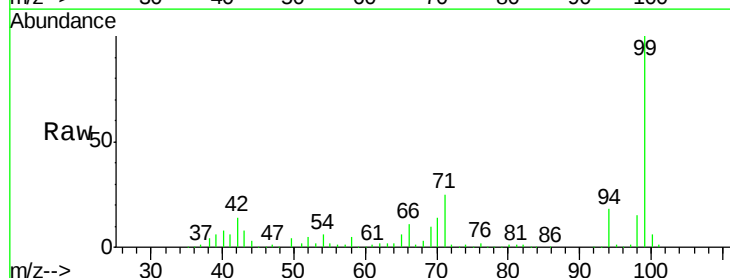
Tgt Ion: 94 Resp: 67698

Ion Ratio Lower Upper

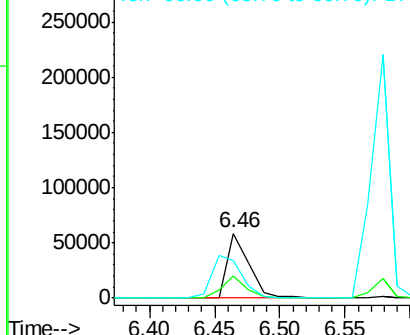
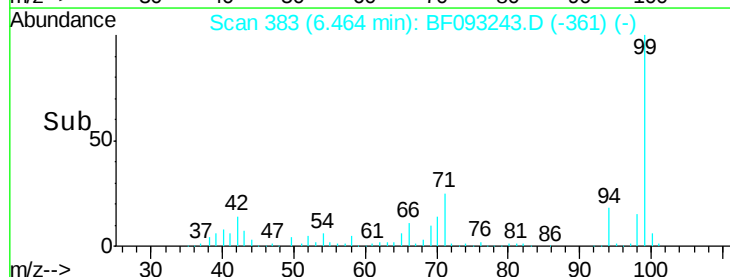
94 100

65 34.7 21.4 61.4

66 58.4 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

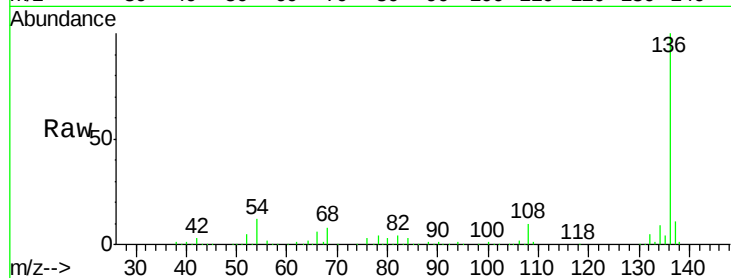




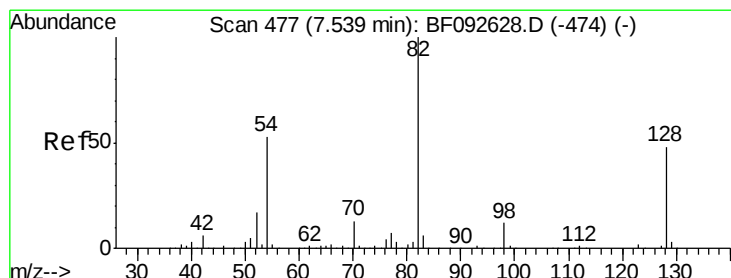
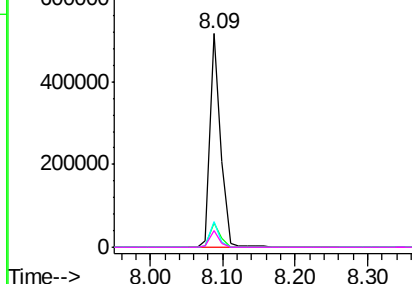
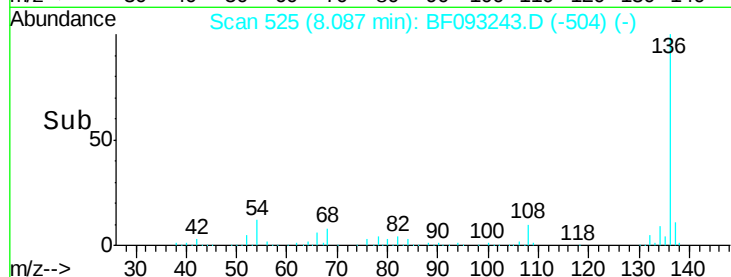
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Instrument :
BNA_F
ClientSampleId :
TK3-1-20170227

Tgt Ion:	136	Resp:	525613
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.7	4.5	6.7#
68	8.0	3.6	5.4#

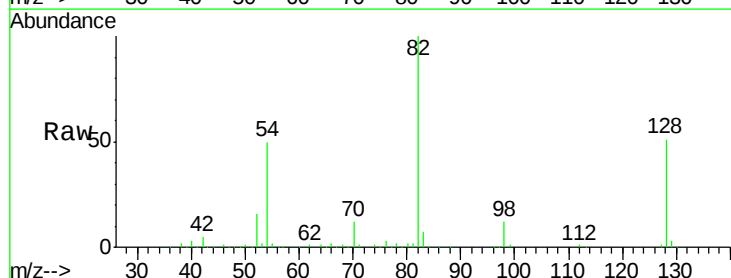


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

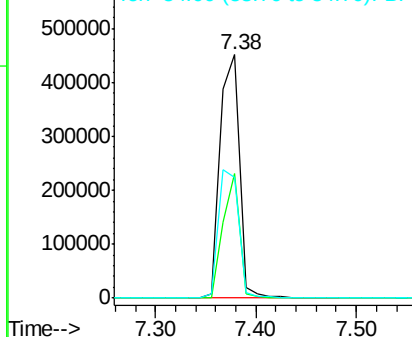
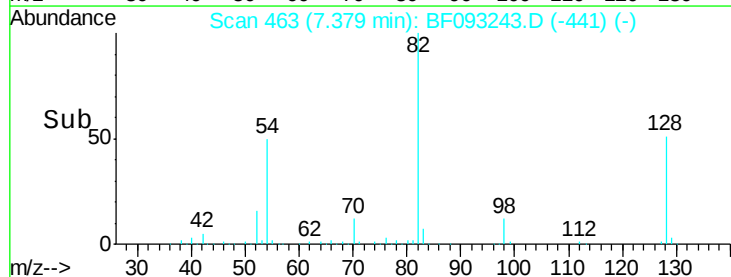


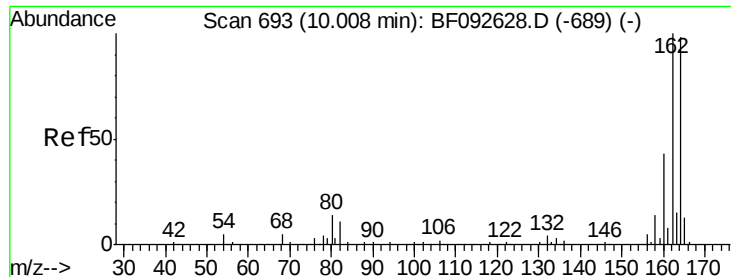
#23
Nitrobenzene-d5
Concen: 64.41 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Tgt Ion:	82	Resp:	607945
Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.6	52.0
54	49.6	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

Instrument :

BNA_F

ClientSampleId :

TK3-1-20170227

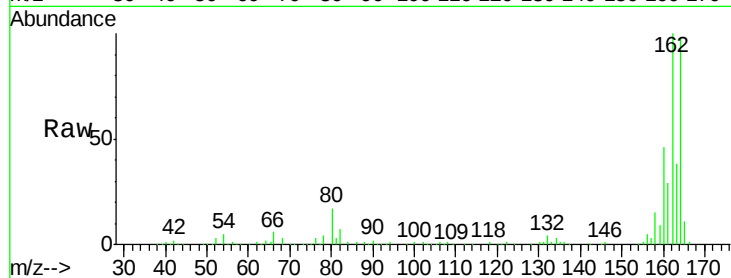
Tgt Ion:164 Resp: 253520

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

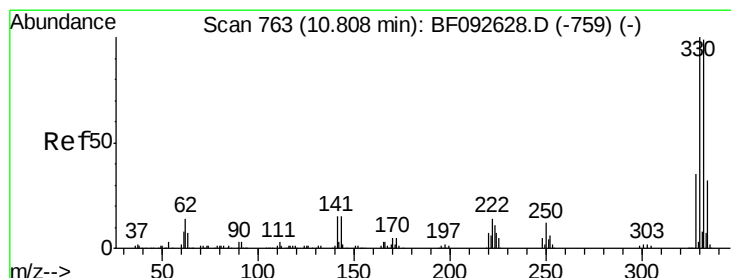
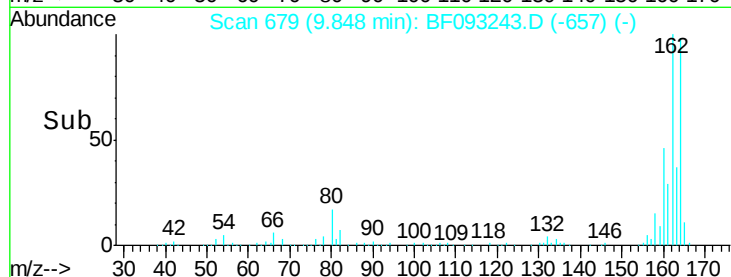
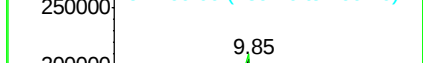
160 46.7 36.9 55.3



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: 96.89 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093243.D

Acq: 28 Feb 2017 12:45

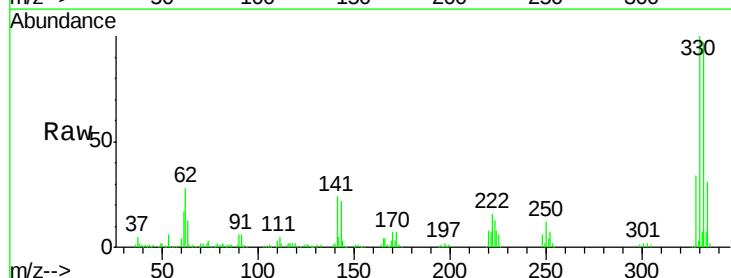
Tgt Ion:330 Resp: 177657

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

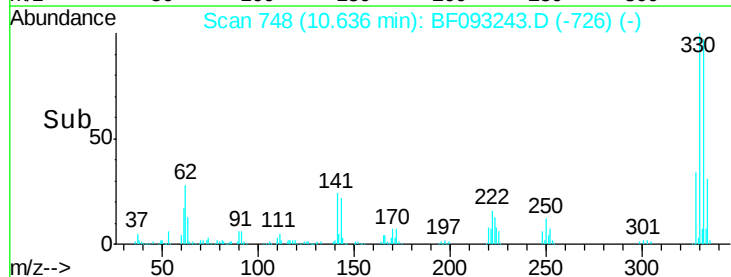
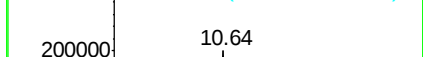
141 37.3 34.1 51.1

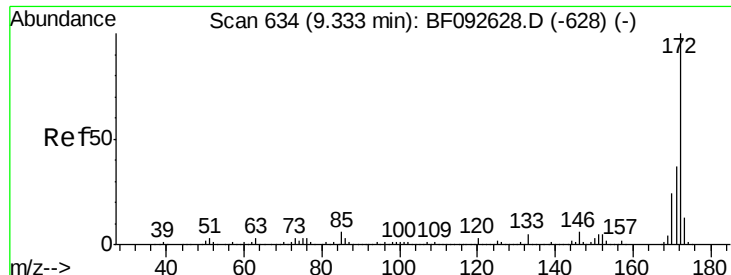


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

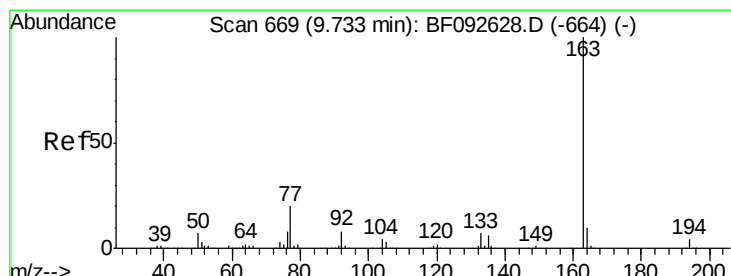
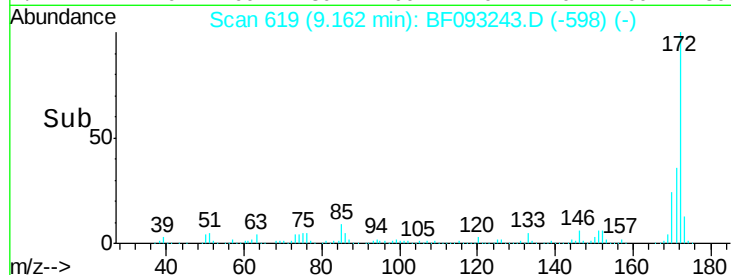
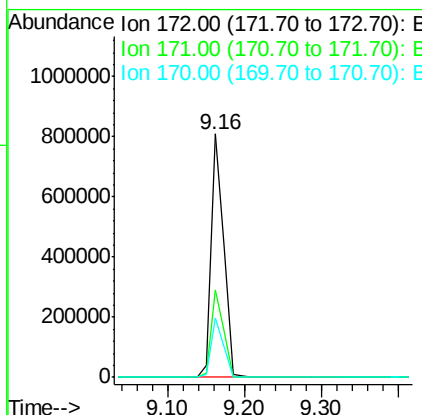
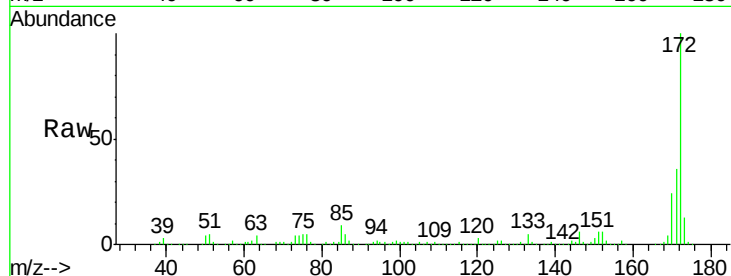




#44
 2-Fluorobiphenyl
 Concen: 63.72 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

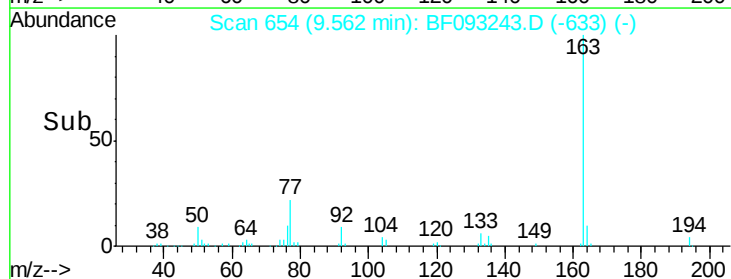
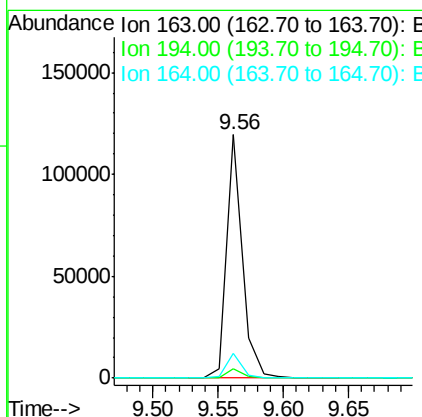
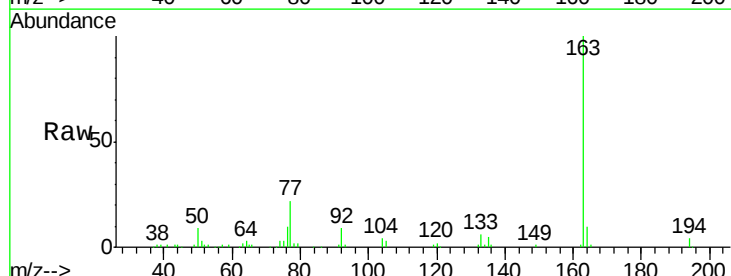
Instrument :
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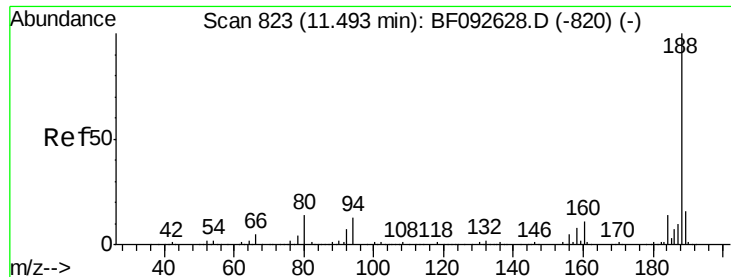
Tgt Ion:172 Resp: 891644
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.92 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Tgt Ion:163 Resp: 101146
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 10.2 8.0 12.0

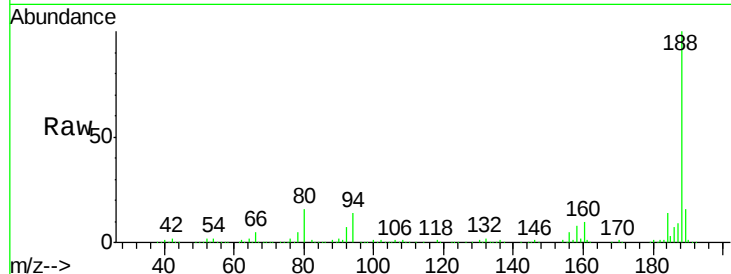




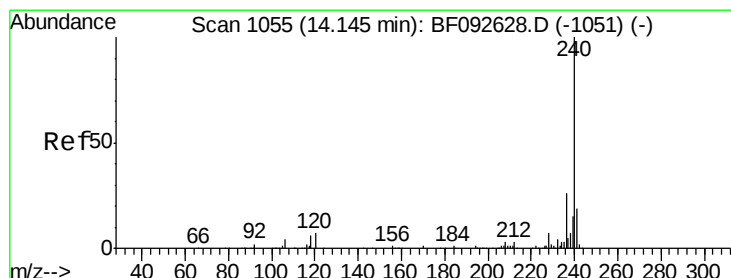
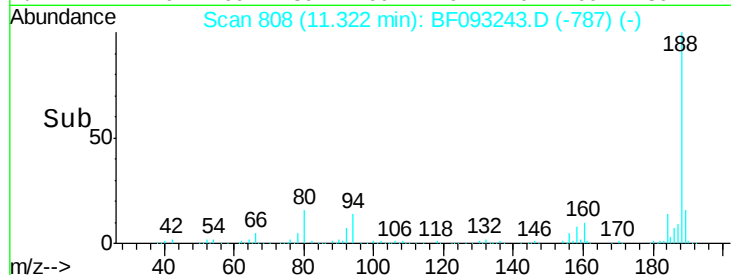
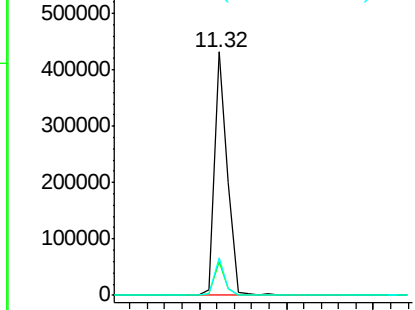
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Instrument :
BNA_F
ClientSampleId :
TK3-1-20170227

Tgt Ion:188 Resp: 449621
Ion Ratio Lower Upper
188 100
94 14.0 10.0 15.0
80 15.6 11.2 16.8

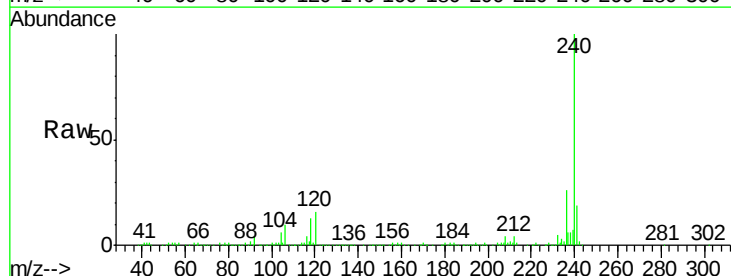


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

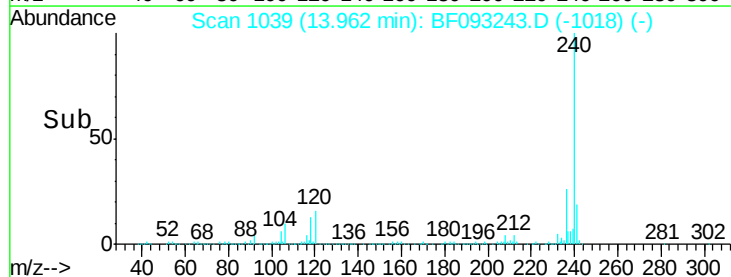
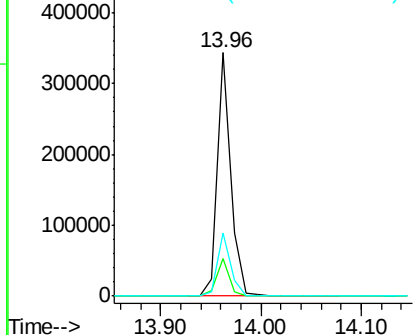


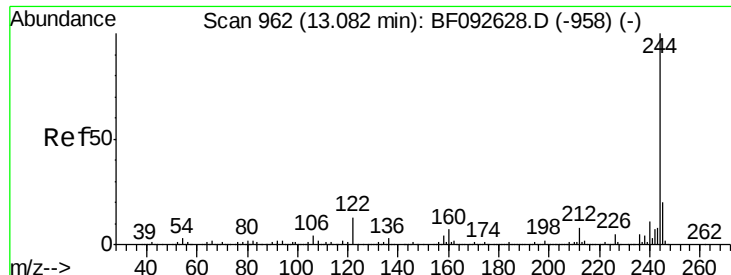
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF093243.D
Acq: 28 Feb 2017 12:45

Tgt Ion:240 Resp: 319115
Ion Ratio Lower Upper
240 100
120 15.6 12.9 19.3
236 26.0 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

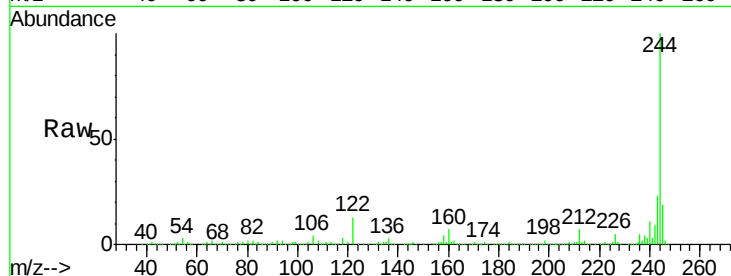




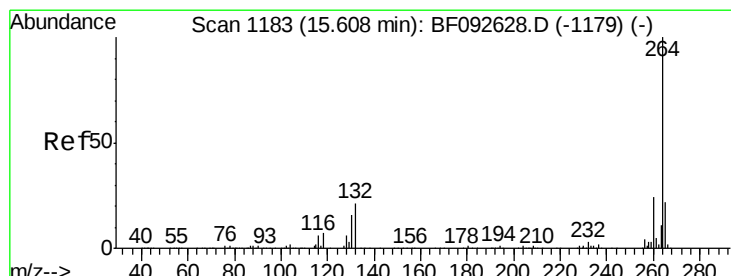
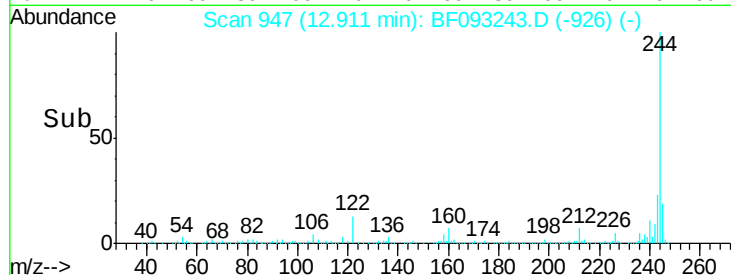
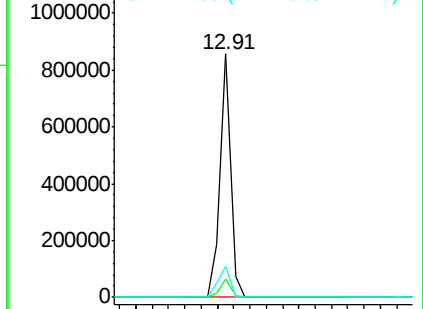
#78
 Terphenyl-d14
 Concen: 56.78 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Instrument :
 BNA_F
 ClientSampleId :
 TK3-1-20170227

Tgt Ion:244 Resp: 771149
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.7 11.4 17.2

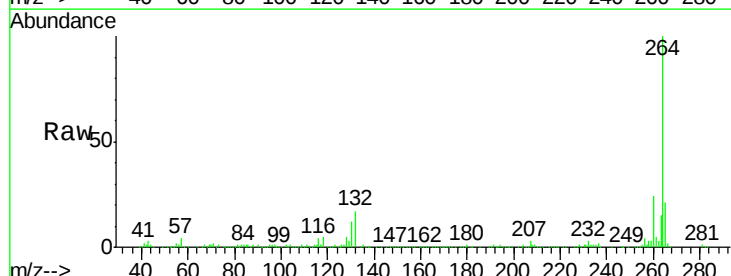


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093243.D
 Acq: 28 Feb 2017 12:45

Tgt Ion:264 Resp: 275336
 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

