

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093523.D
 Acq On : 10 Mar 2017 15:47
 Operator : SJ/MA
 Sample : I2160-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B41-B52-001

Quant Time: Mar 10 17:18:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188005	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	653888	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	312835	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	593652	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	520576	20.00	ng	-0.02
86) Perylene-d12	15.31	264	387553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1391092	123.15	ng	0.01
7) Phenol-d6	6.41	99	1744998	122.50	ng	0.00
23) Nitrobenzene-d5	7.32	82	1128723	95.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	303074	148.70	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1459444	86.77	ng	-0.03
78) Terphenyl-d14	12.85	244	1458050	72.82	ng	-0.02

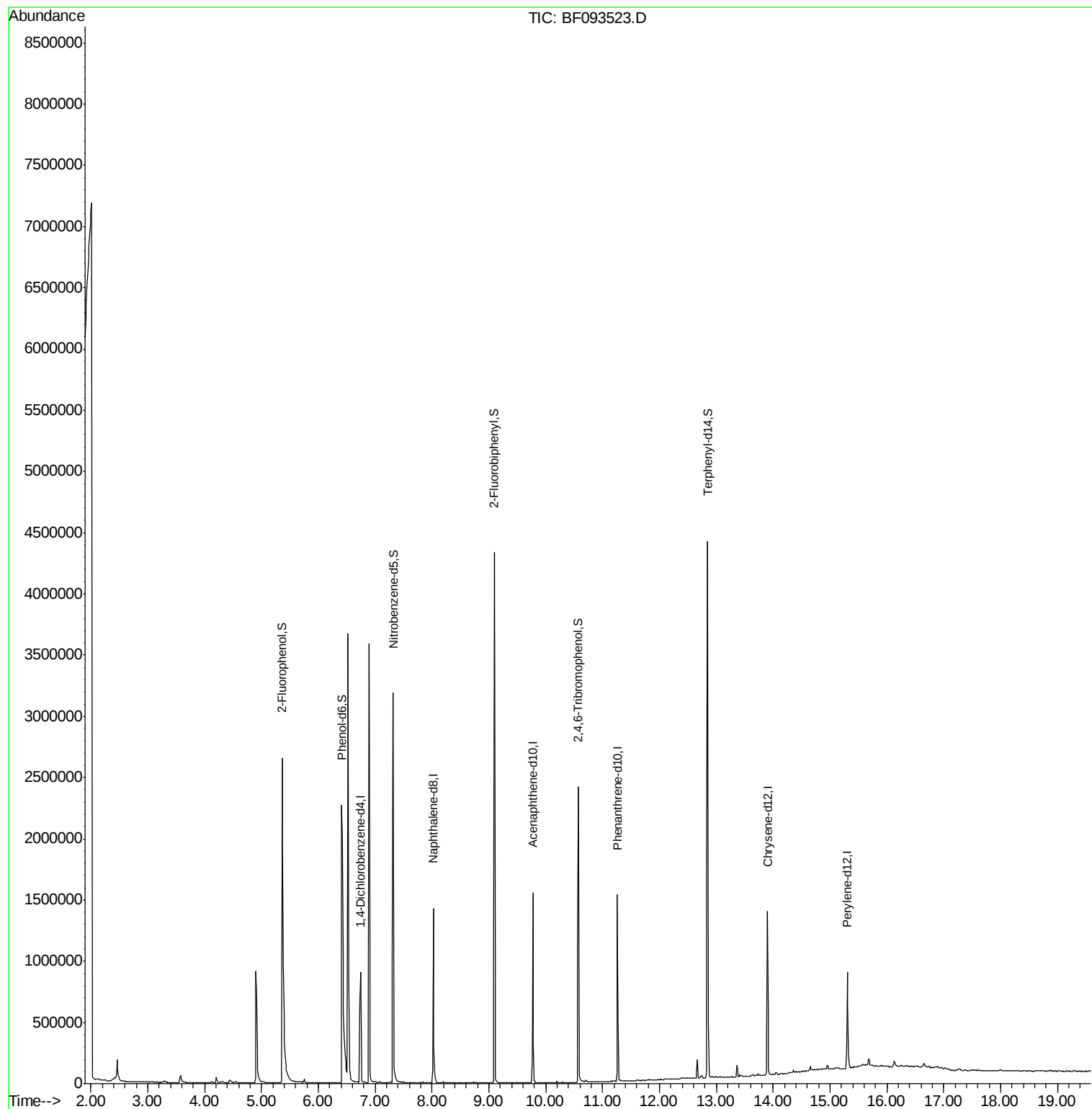
Target Compounds Qvalue

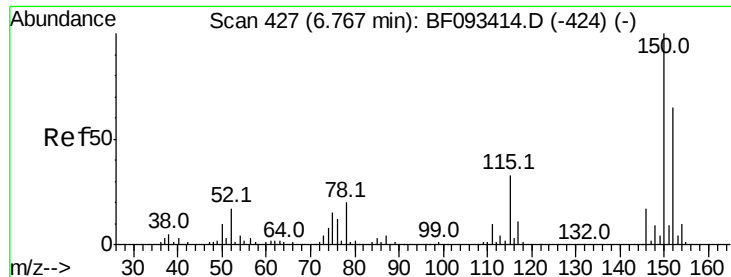
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

WC-B41-B52-001

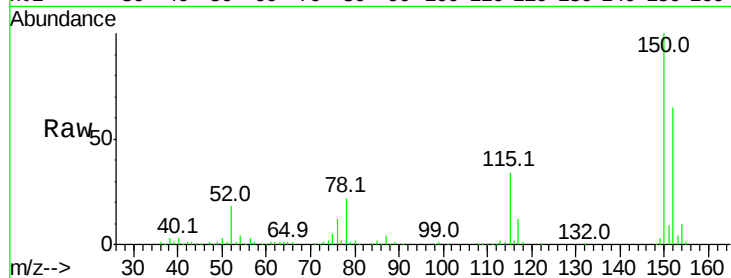
Tot Ion:152 Resp: 188005

Ion Ratio Lower Upper

152 100

150 152.8 124.9 187.3

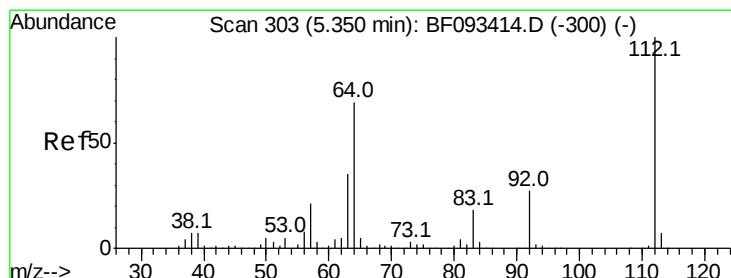
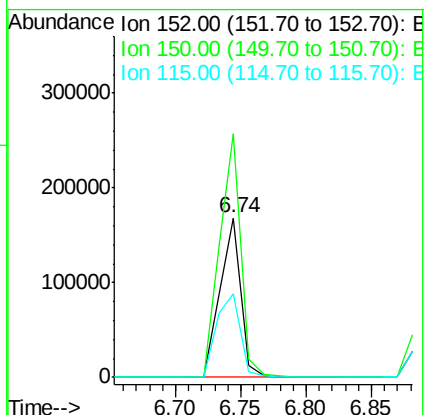
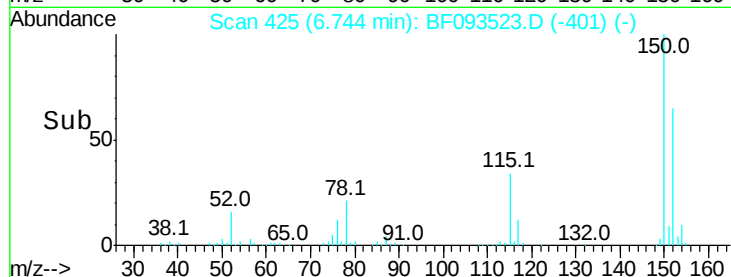
115 52.5 46.0 69.0



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: 123.15 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

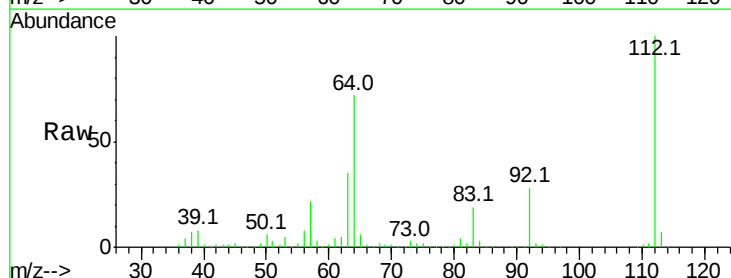
Tgt Ion:112 Resp: 1391092

Ion Ratio Lower Upper

112 100

64 71.7 46.1 69.1#

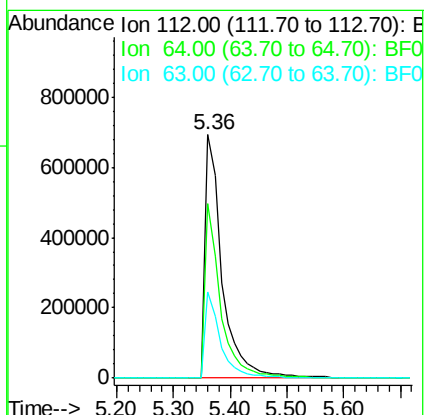
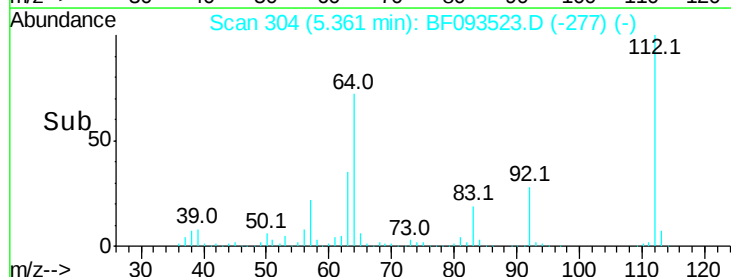
63 35.3 23.8 35.6

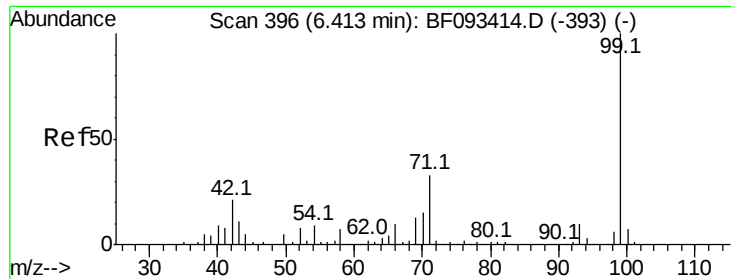


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.50 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

WC-B41-B52-001

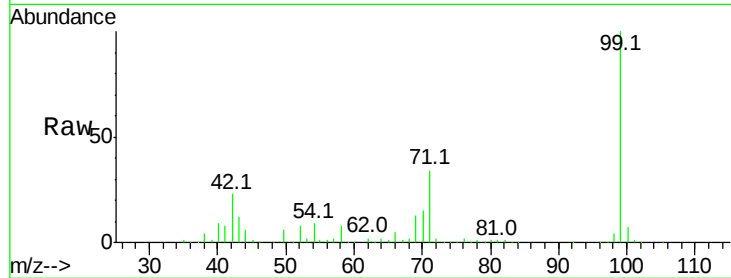
Tot Ion: 99 Resp: 1744998

Ion Ratio Lower Upper

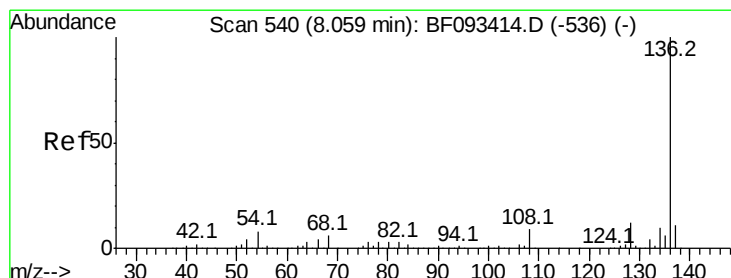
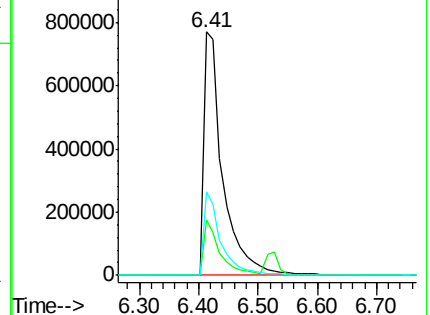
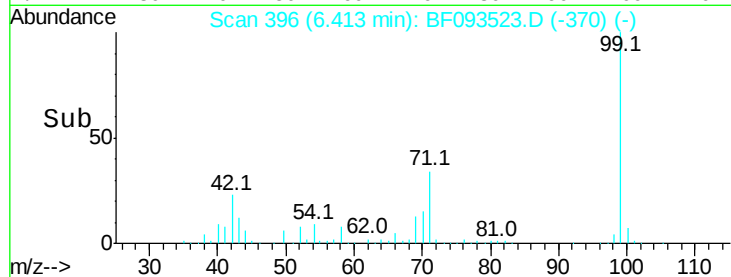
99 100

42 22.8 15.6 23.4

71 34.3 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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

Tgt Ion: 136 Resp: 653888

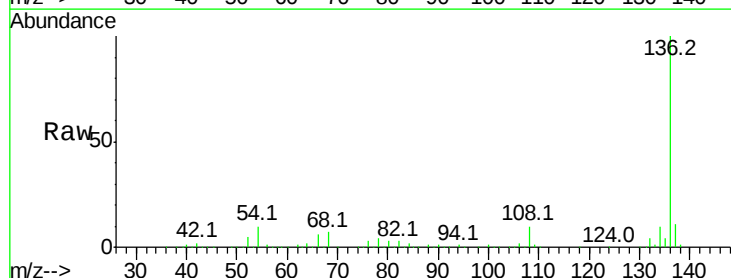
Ion Ratio Lower Upper

136 100

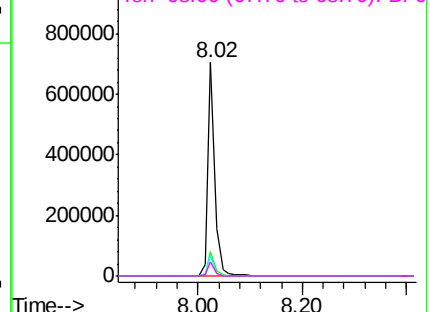
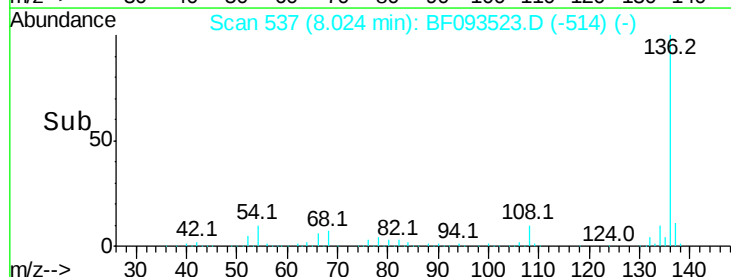
137 11.1 8.4 12.6

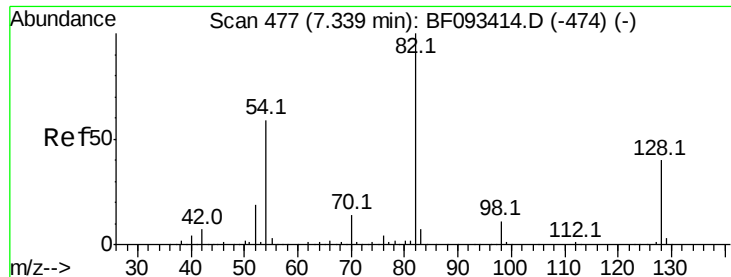
54 9.8 4.5 6.7#

68 6.8 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

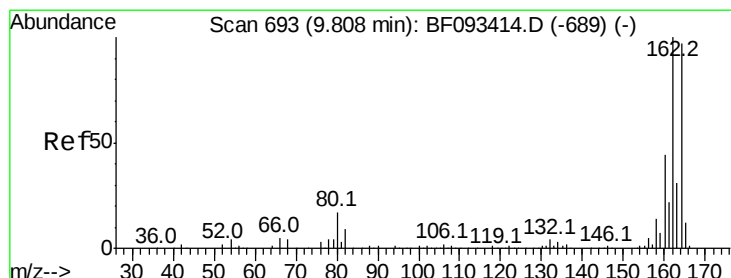
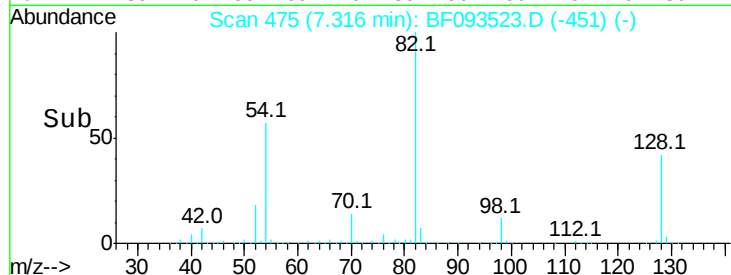
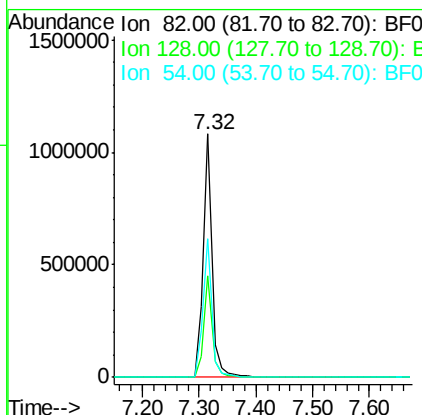
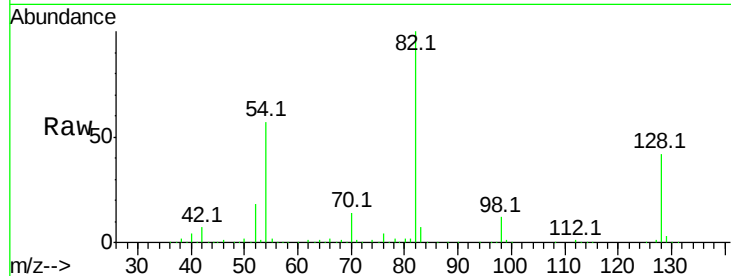




#23
Nitrobenzene-d5
Concen: 95.78 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093523.D
Acq: 10 Mar 2017 15:47

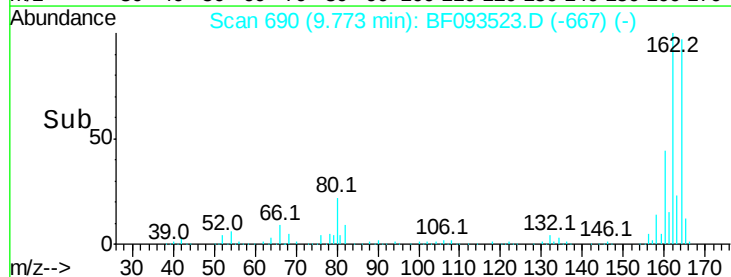
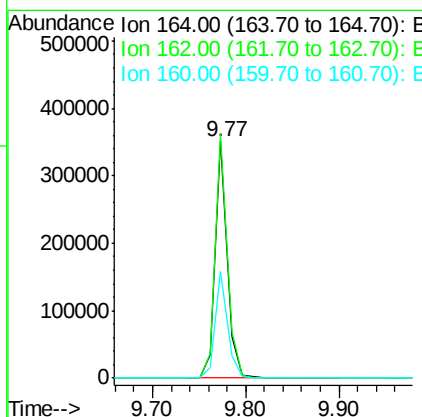
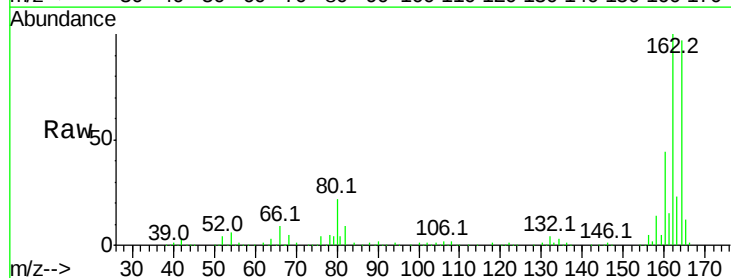
Instrument :
BNA_F
ClientSampleId :
WC-B41-B52-001

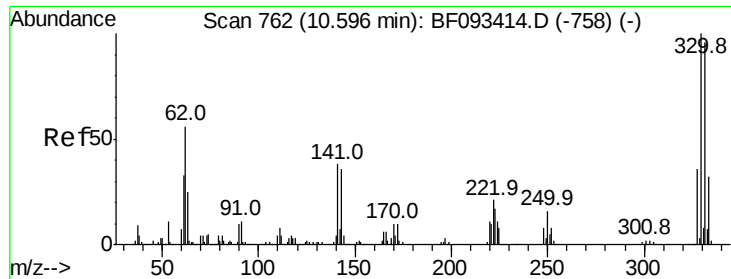
Tot Ion: 82 Resp: 1128723
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 57.0 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093523.D
Acq: 10 Mar 2017 15:47

Tgt Ion:164 Resp: 312835
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.0 36.9 55.3

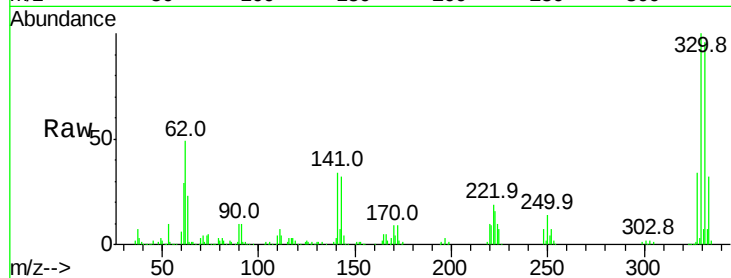




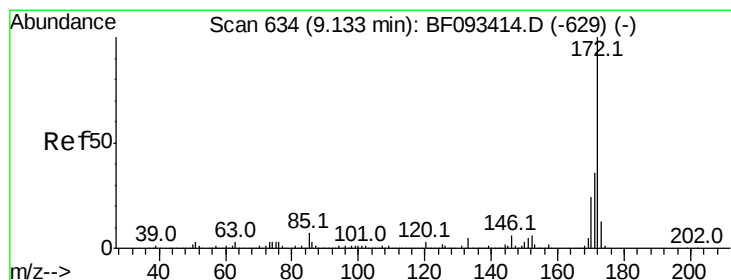
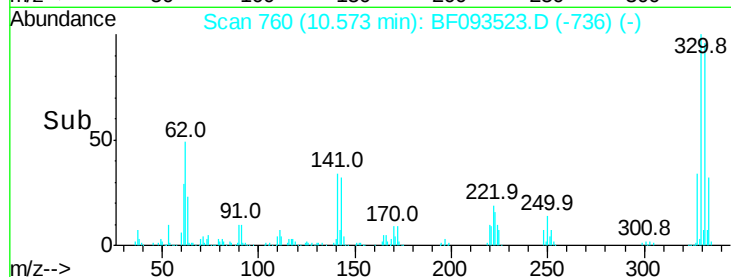
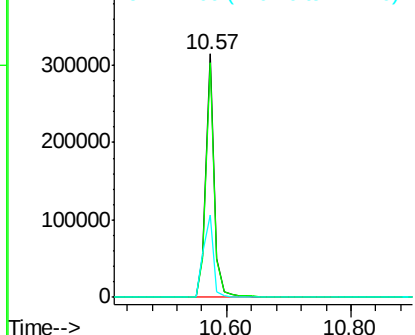
#41
 2,4,6-Tribromophenol
 Concen: 148.70 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093523.D
 Acq: 10 Mar 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B41-B52-001

Tot Ion:330 Resp: 303074
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 40.3 34.1 51.1

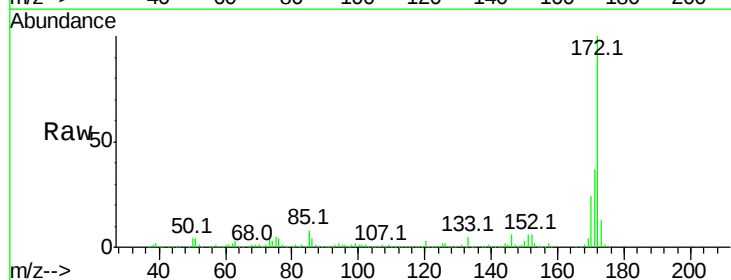


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

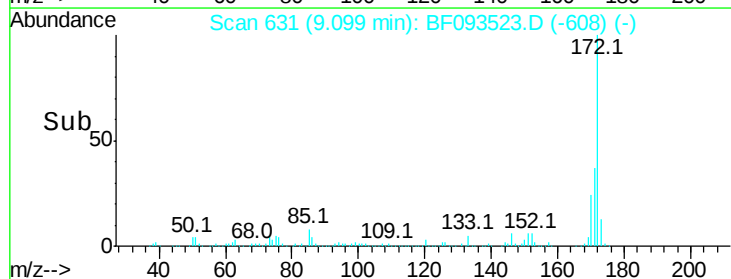
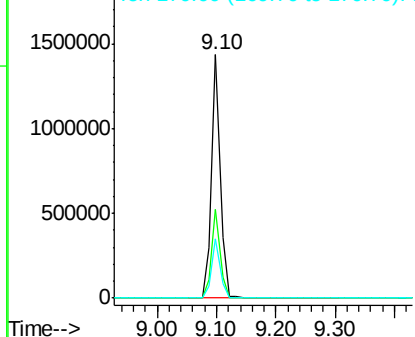


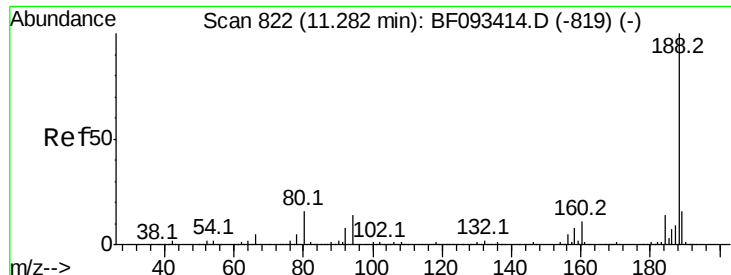
#44
 2-Fluorobiphenyl
 Concen: 86.77 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093523.D
 Acq: 10 Mar 2017 15:47

Tgt Ion:172 Resp: 1459444
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.1 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

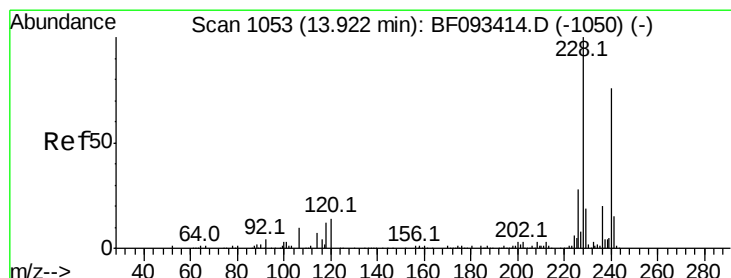
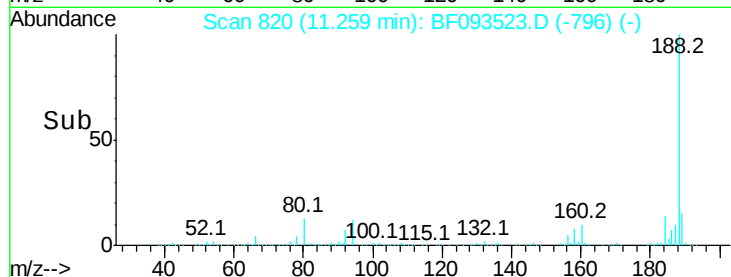
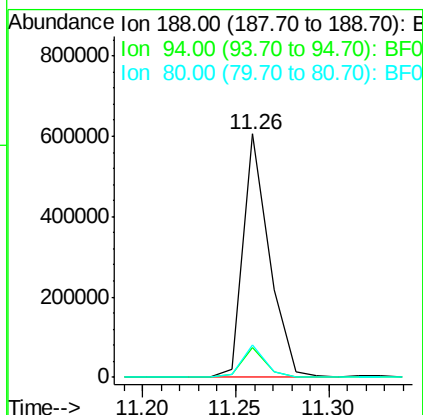
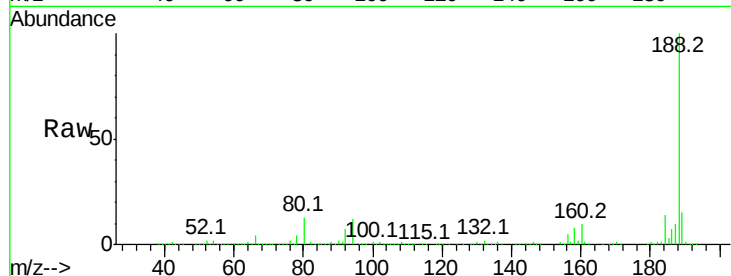




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093523.D
Acq: 10 Mar 2017 15:47

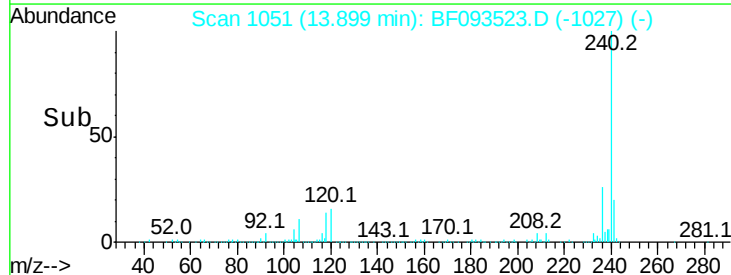
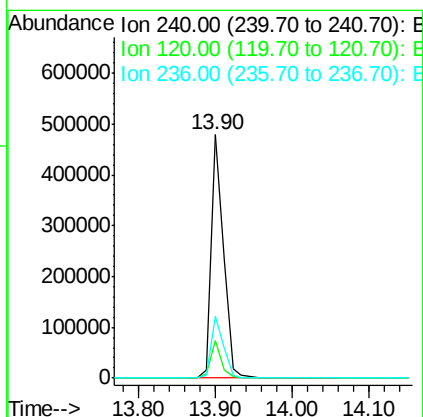
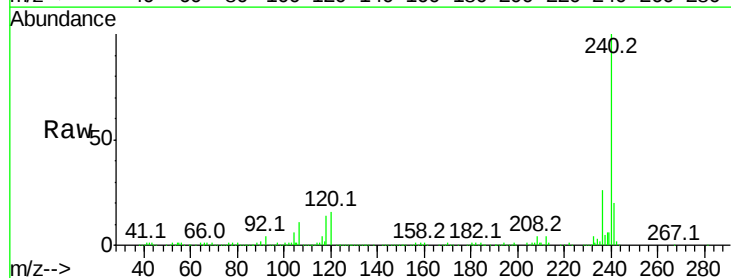
Instrument :
BNA_F
ClientSampleId :
WC-B41-B52-001

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.3	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093523.D
Acq: 10 Mar 2017 15:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.9	19.3
236	25.6	20.9	31.3





#78

Terphenyl-d14

Concen: 72.82 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

WC-B41-B52-001

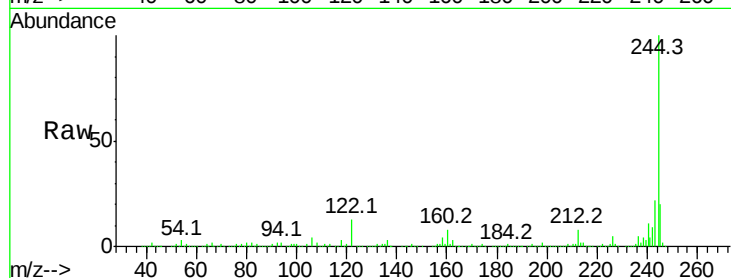
Tot Ion:244 Resp: 1458050

Ion Ratio Lower Upper

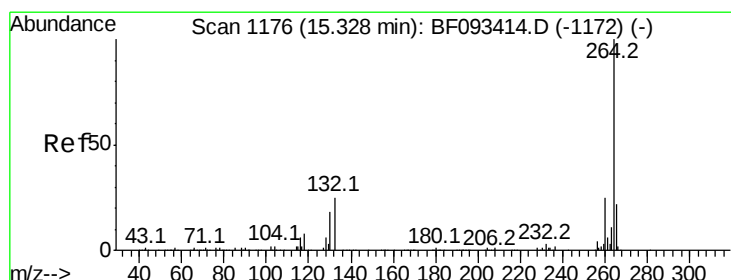
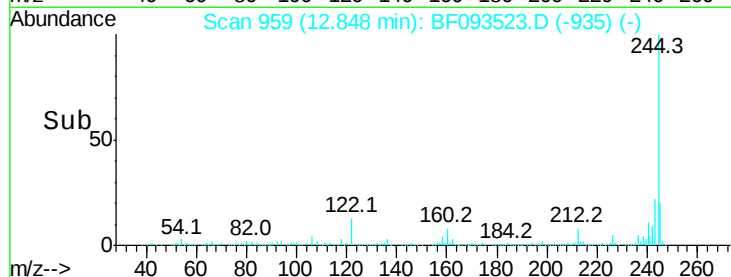
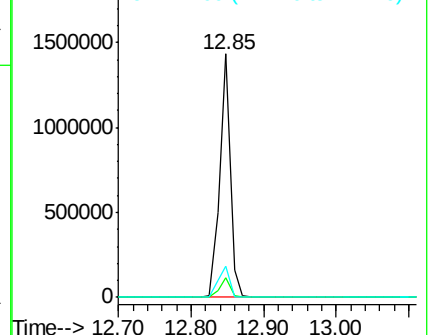
244 100

212 8.0 6.2 9.2

122 12.9 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: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093523.D

Acq: 10 Mar 2017 15:47

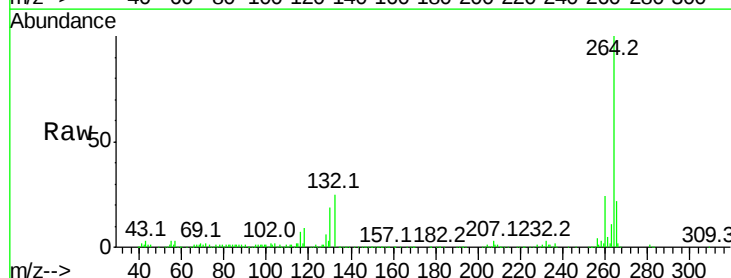
Tgt Ion:264 Resp: 387553

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 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

