

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093538.D
 Acq On : 10 Mar 2017 22:42
 Operator : SJ/MA
 Sample : I2172-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-61

Manual Integrations
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Quant Time: Mar 11 00:17:16 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	6.73	152	182755m	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	743510	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	242672	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	601076	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	263429	20.00	ng	-0.02
86) Perylene-d12	15.32	264	9509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1443704	131.48	ng	0.01
7) Phenol-d6	6.41	99	1520947	109.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	1270773	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	346503	219.16	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1650554	126.51	ng	-0.03
78) Terphenyl-d14	12.85	244	1544319	152.42	ng	-0.02

Target Compounds Qvalue

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

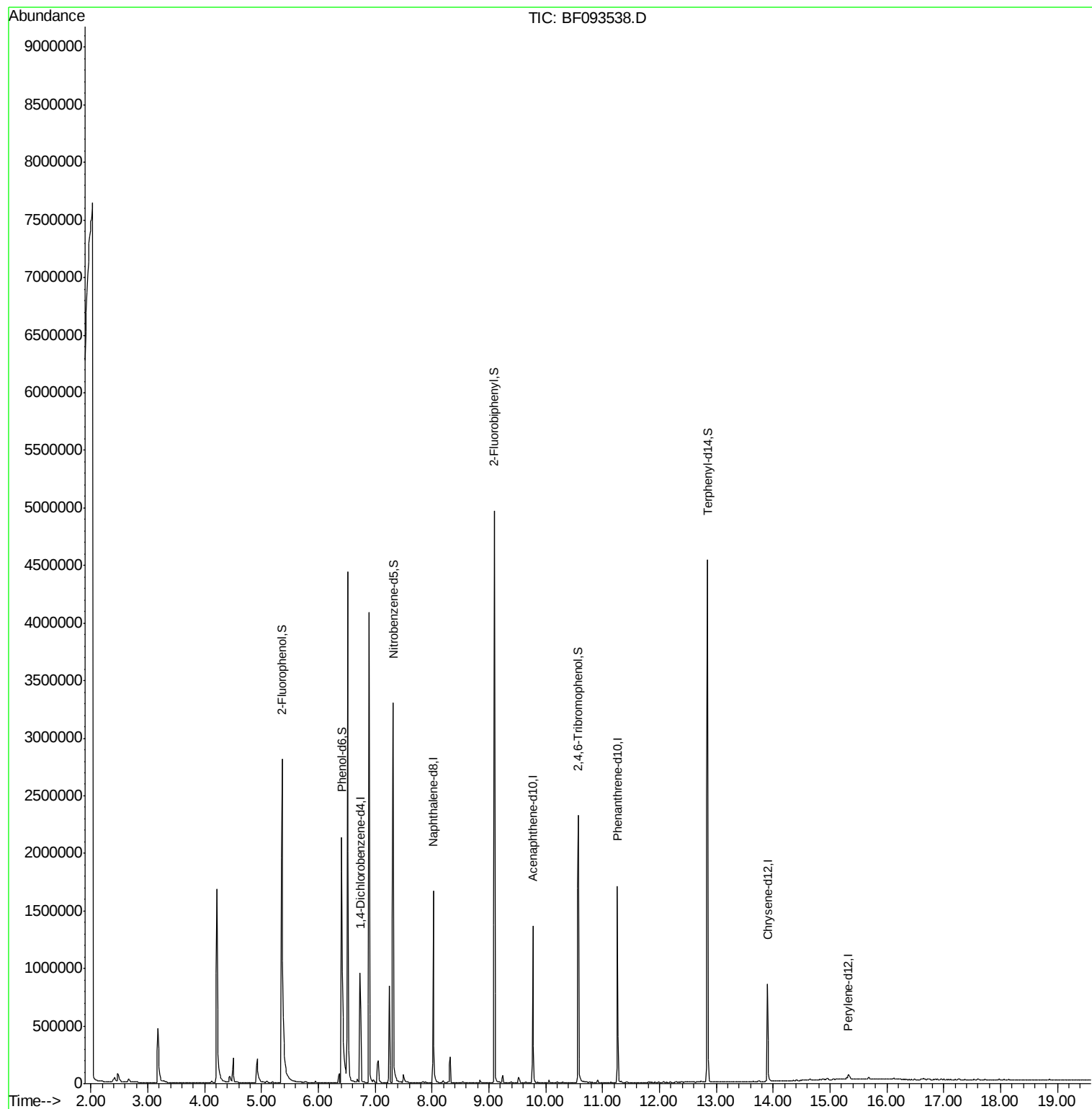
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093538.D
Acq On : 10 Mar 2017 22:42
Operator : SJ/MA
Sample : I2172-30
Misc :
ALS Vial : 20 Sample Multiplier: 1

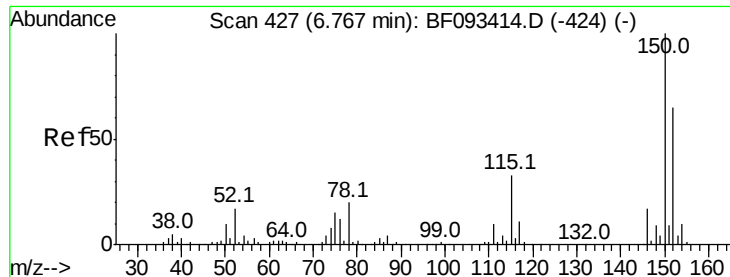
Instrument :
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Quant Time: Mar 11 00:17:16 2017
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Response via : Initial Calibration





#1

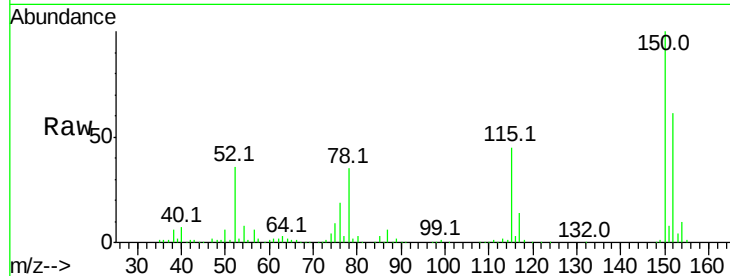
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.73 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF093538.D
Acq: 10 Mar 2017 22:42

Instrument :
BNA_F
ClientSampleID :
D-61

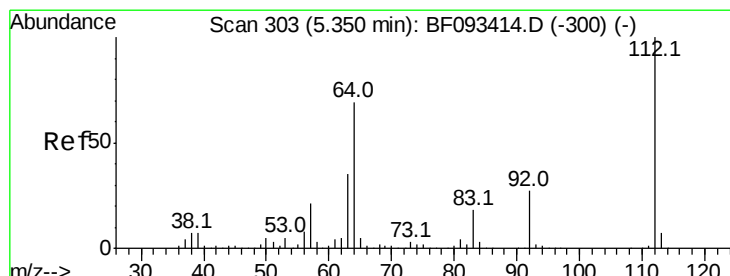
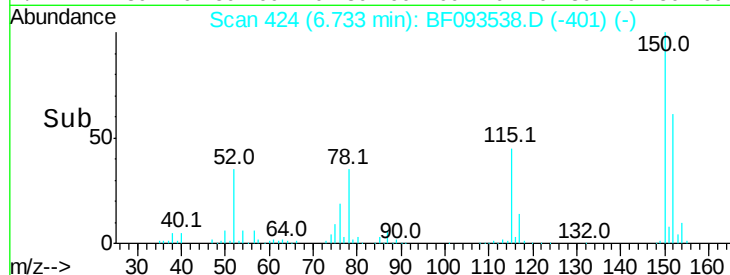
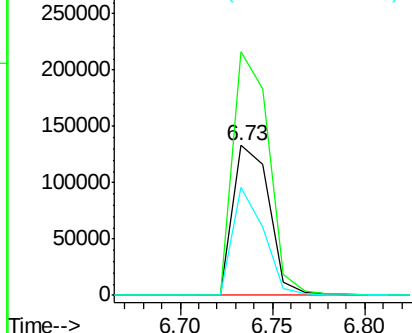
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.9	187.3
115	72.5	46.0	69.0

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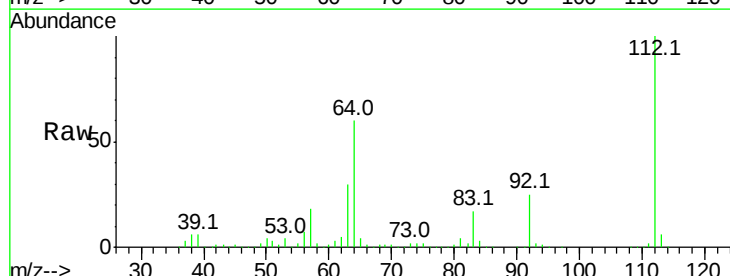
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



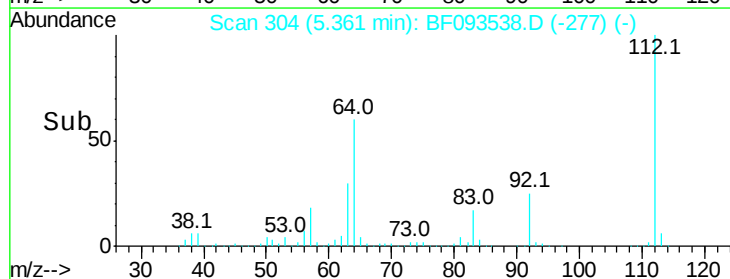
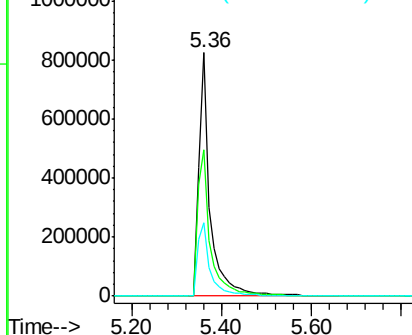
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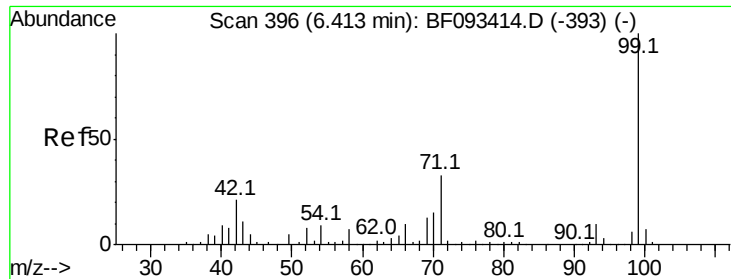
2-Fluorophenol
Concen: 131.48 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093538.D
Acq: 10 Mar 2017 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	30.1	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: 109.84 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

BNA_F

ClientSampled :

D-61

Tot Ion: 99 Resp: 1520947

Ion Ratio Lower Upper

99 100

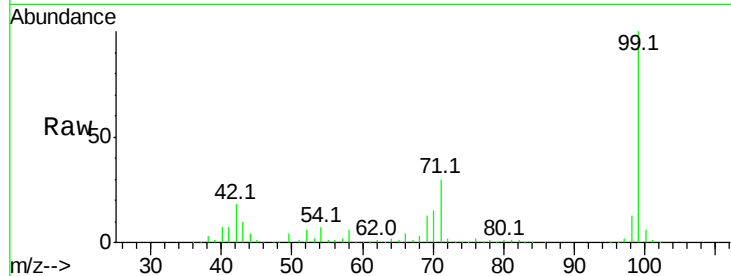
42 18.4 15.6 23.4

71 29.9 27.5 41.3

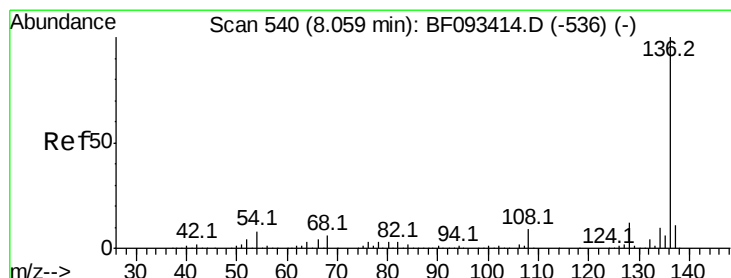
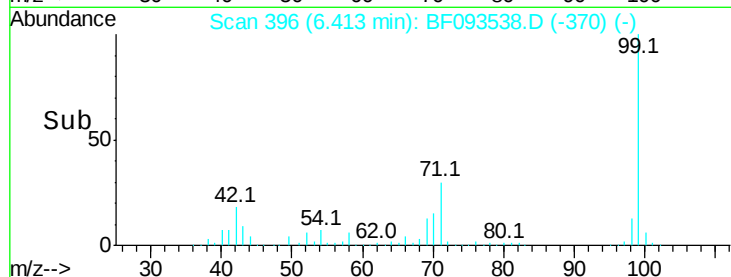
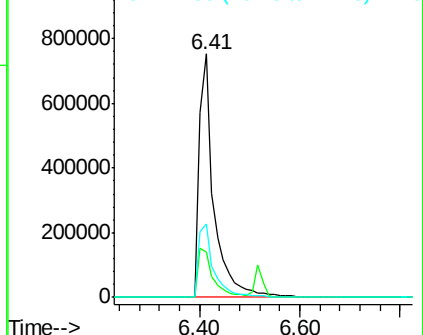
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Tgt Ion: 136 Resp: 743510

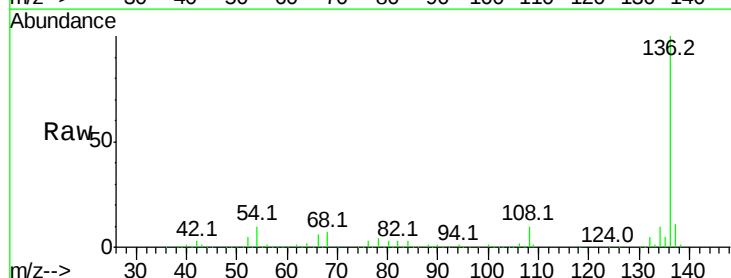
Ion Ratio Lower Upper

136 100

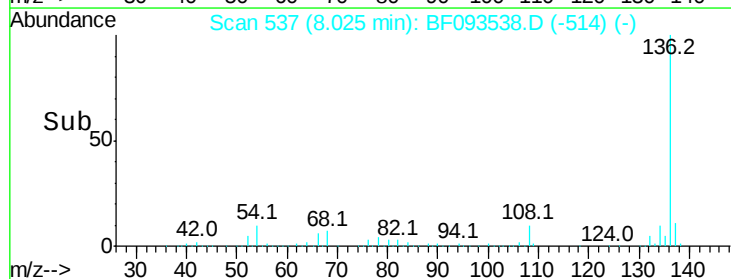
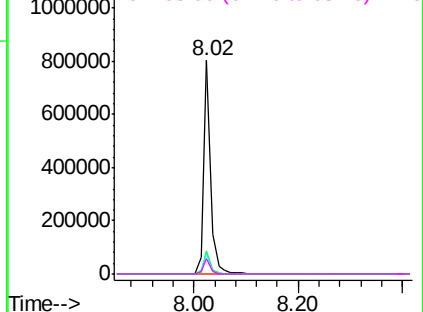
137 10.9 8.4 12.6

54 9.9 4.5 6.7#

68 7.4 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: 94.83 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

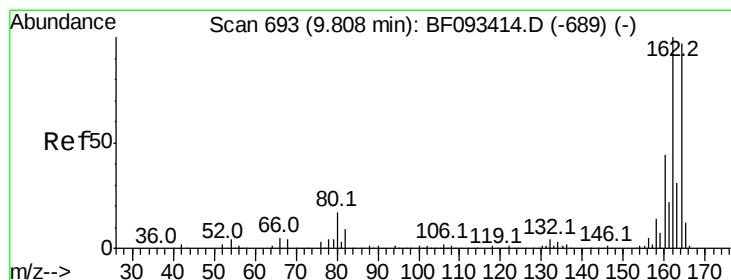
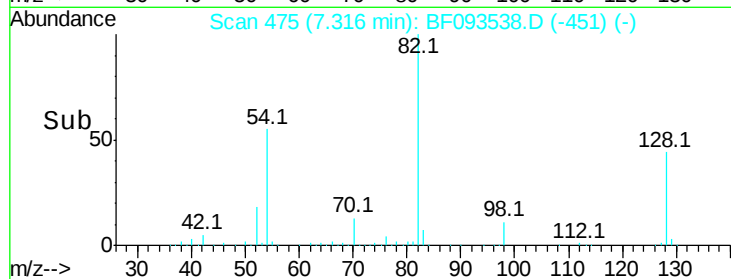
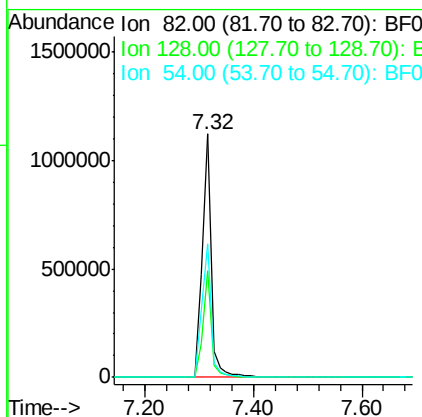
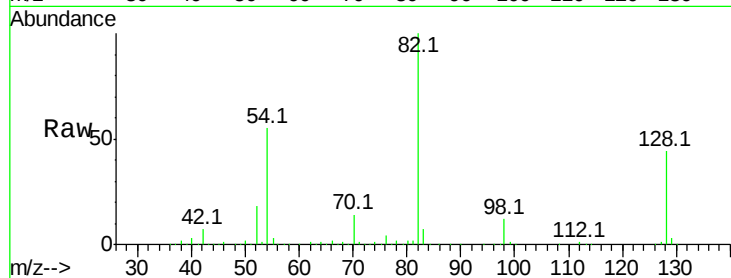
Instrument :
 BNA_F
 ClientSampled :
 D-61

Tot Ion: 82 Resp: 1270773

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	55.0	39.5	59.3

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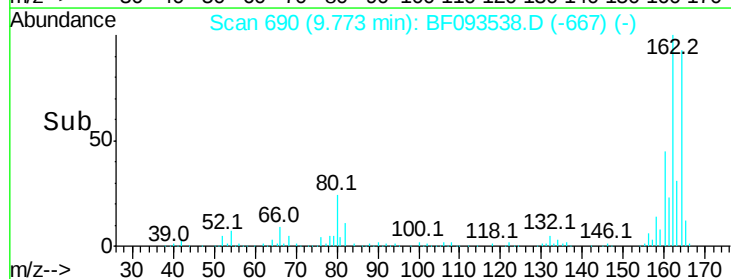
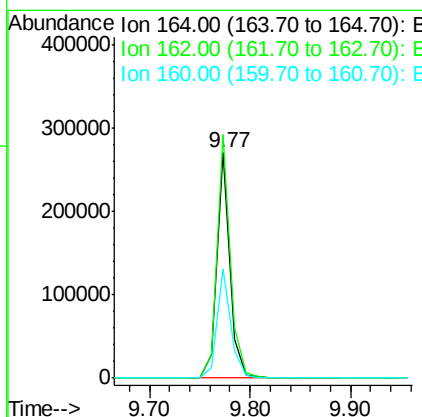
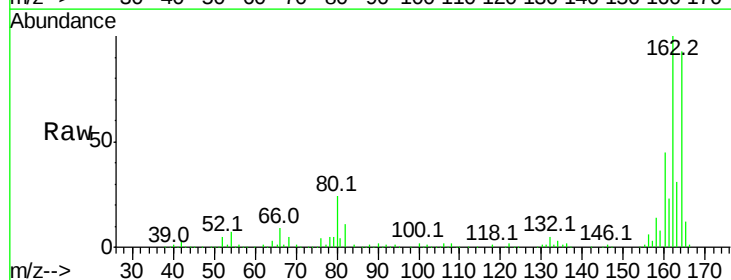
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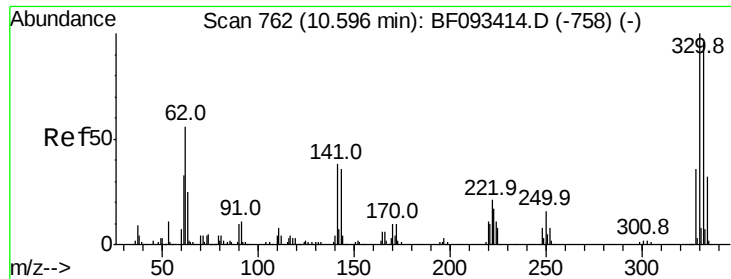


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion: 164 Resp: 242672

Ion	Ratio	Lower	Upper
164	100		
162	108.0	80.2	120.2
160	48.2	36.9	55.3





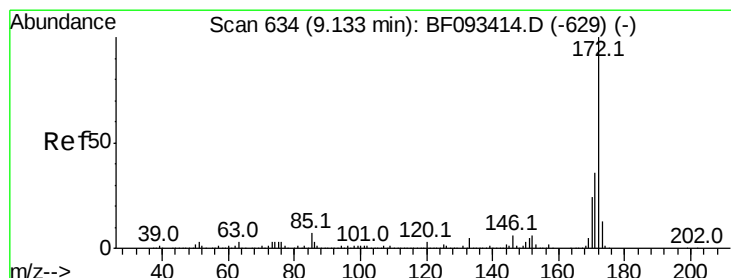
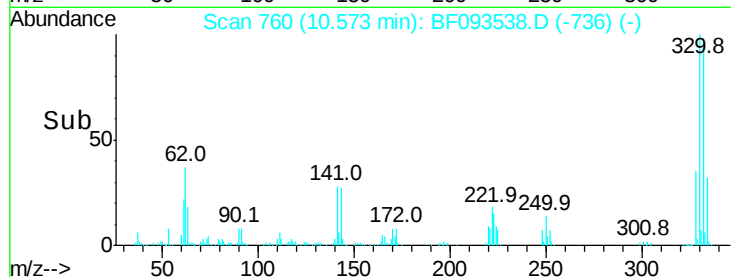
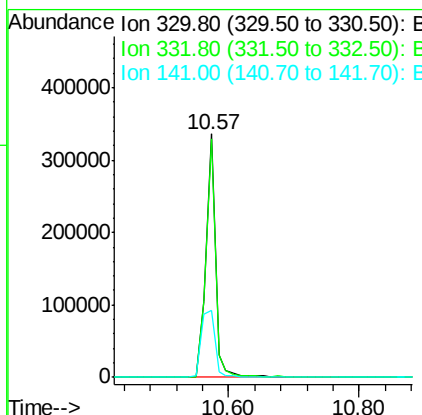
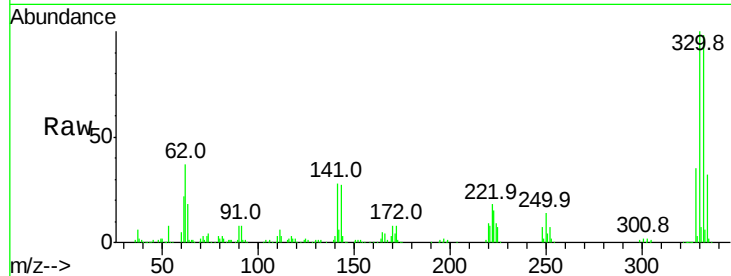
#41
 2,4,6-Tribromophenol
 Concen: 219.16 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 D-61

Tot Ion	Ratio	Resp	Lower	Upper
330	100	346503		
332	98.6	77.4	116.2	
141	39.7	34.1	51.1	

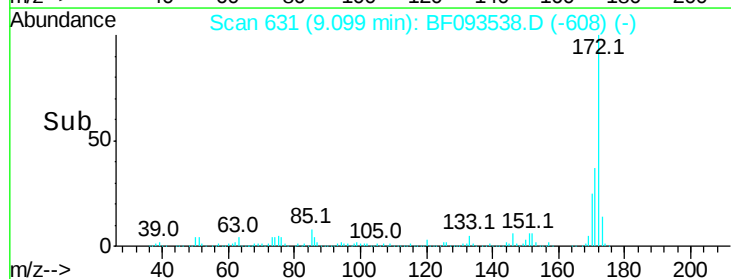
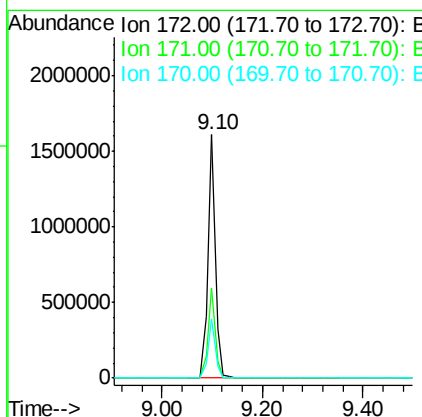
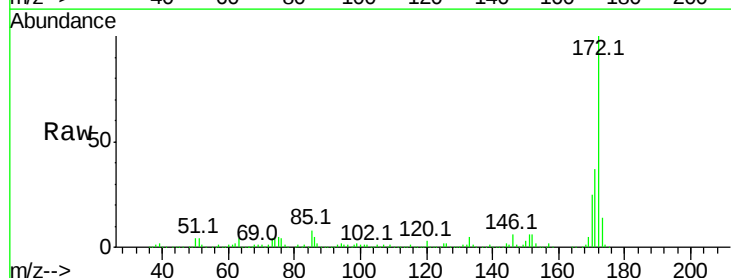
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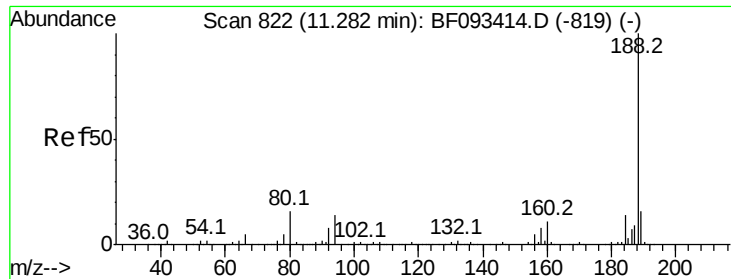
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#44
 2-Fluorobiphenyl
 Concen: 126.51 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1650554		
171	37.1	29.4	44.0	
170	24.6	20.2	30.4	





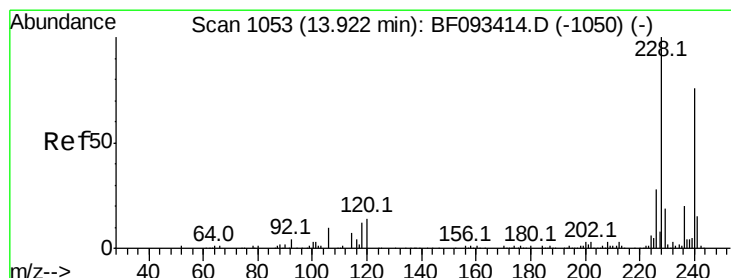
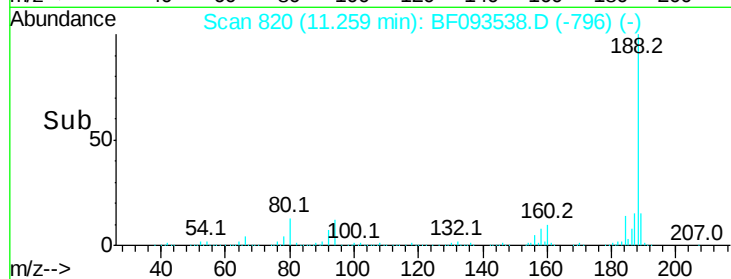
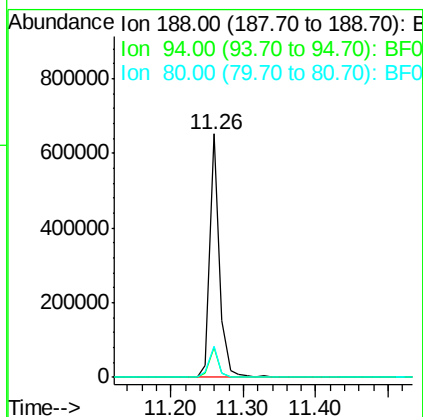
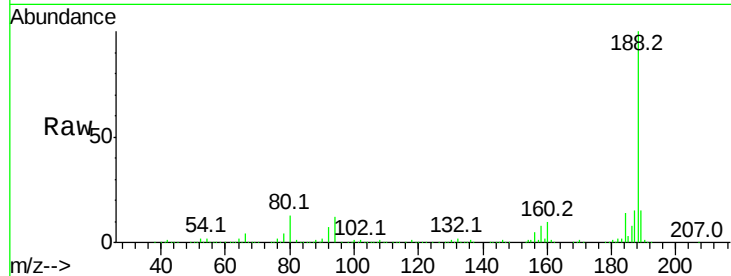
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093538.D
Acq: 10 Mar 2017 22:42

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	601076		
94	12.3		10.0	15.0
80	13.0		11.2	16.8

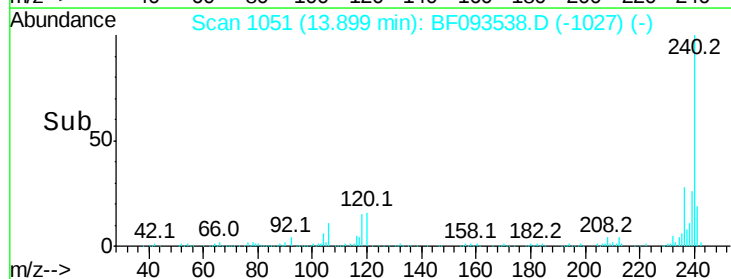
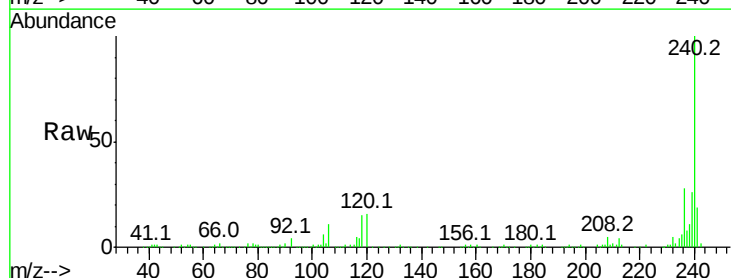
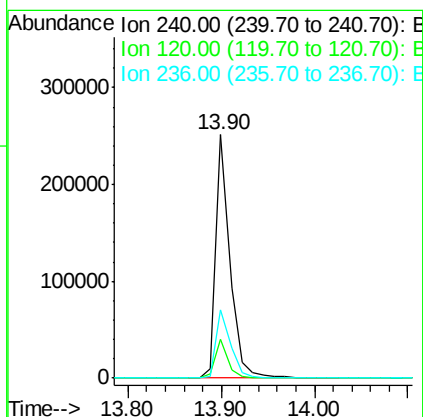
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093538.D
Acq: 10 Mar 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	263429		
120	16.2		12.9	19.3
236	28.3		20.9	31.3





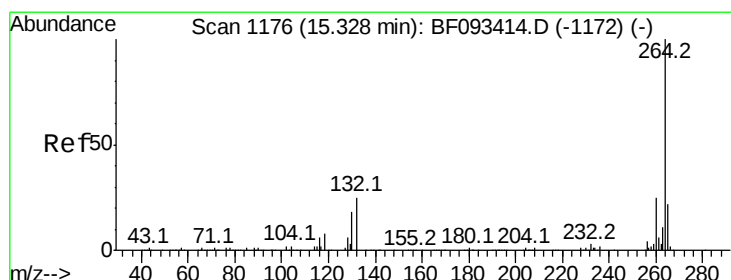
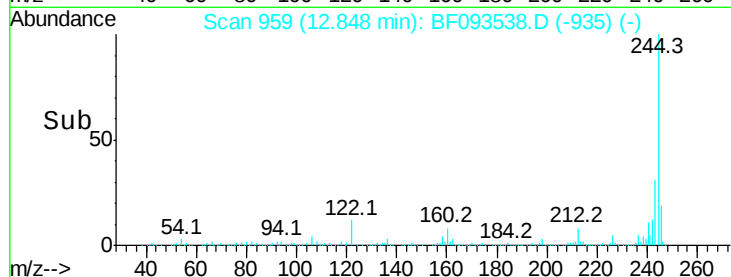
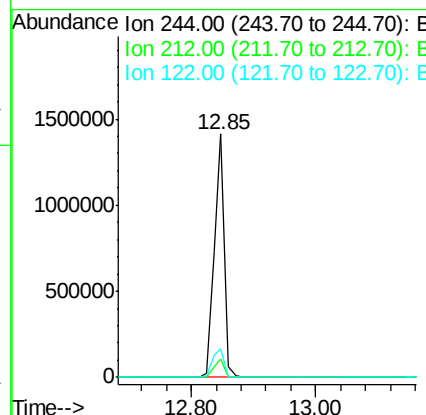
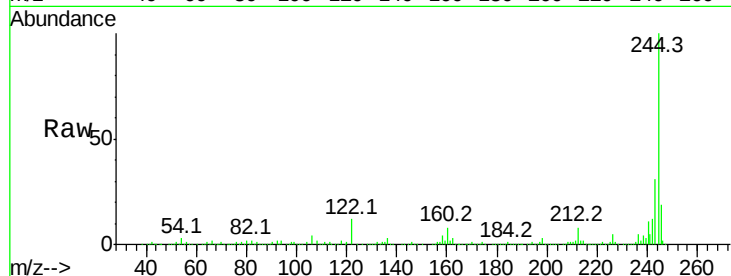
#78
 Terphenyl-d14
 Concen: 152.42 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1544319
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 11.6 11.4 17.2

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion:264 Resp: 9509
 Ion Ratio Lower Upper
 264 100
 260 32.8 19.2 28.8#
 265 18.6 17.4 26.0

