

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093431.D
 Acq On : 8 Mar 2017 16:34
 Operator : SJ/MA
 Sample : PB97430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BL

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:11:36 AM

Quant Time: Mar 08 17:14:28 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	6.76	152	193696m	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	715909	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	359585	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	678437	20.00	ng	0.00
75) Chrysene-d12	13.92	240	634411	20.00	ng	0.00
86) Perylene-d12	15.34	264	562725	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1377862	118.39	ng	0.01
7) Phenol-d6	6.41	99	1703085	116.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	1227808	95.16	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	336553	143.66	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1885109	97.51	ng	0.00
78) Terphenyl-d14	12.87	244	1651461	67.68	ng	0.00

Target Compounds Qvalue

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

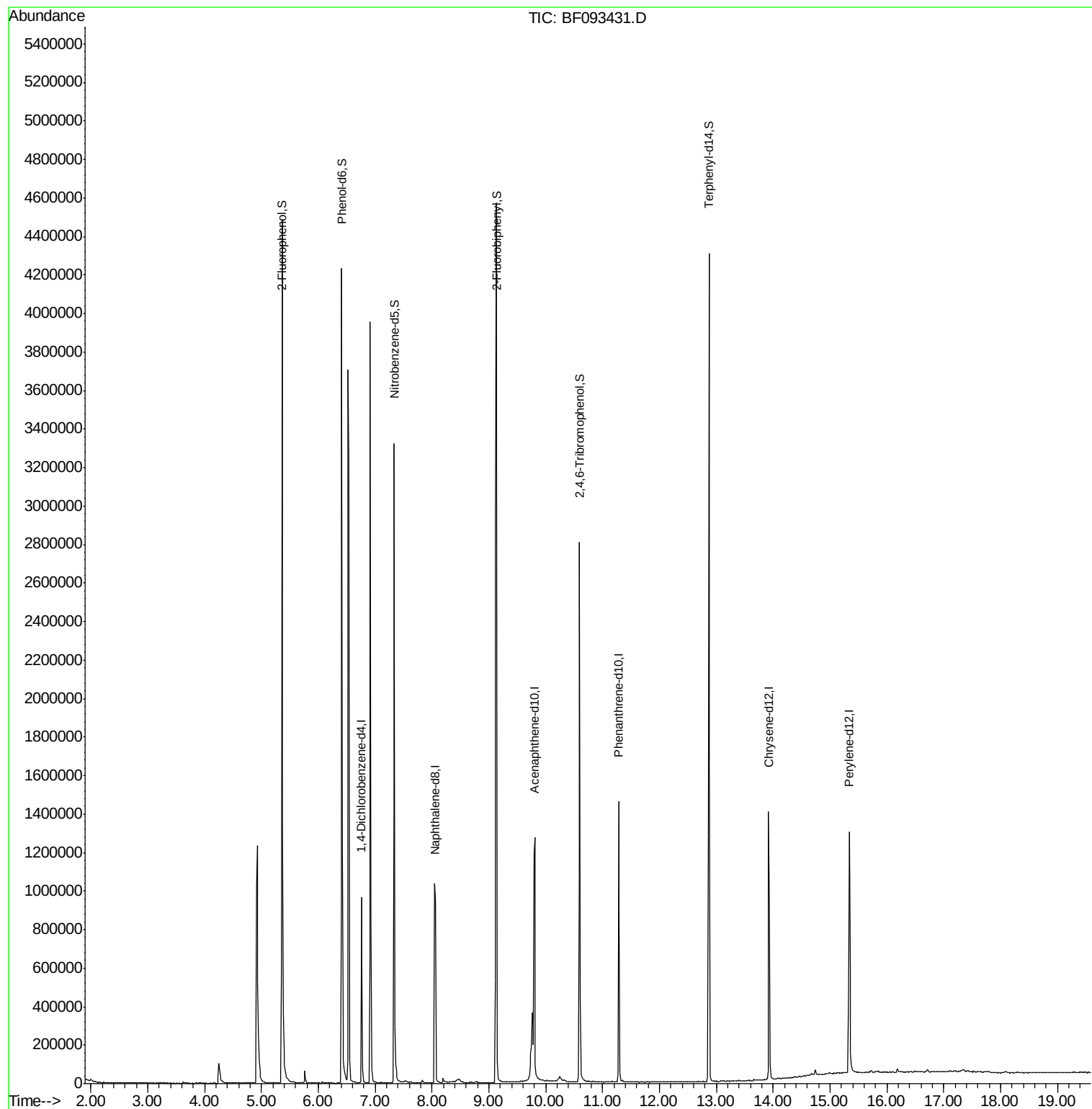
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093431.D
Acq On : 8 Mar 2017 16:34
Operator : SJ/MA
Sample : PB97430BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

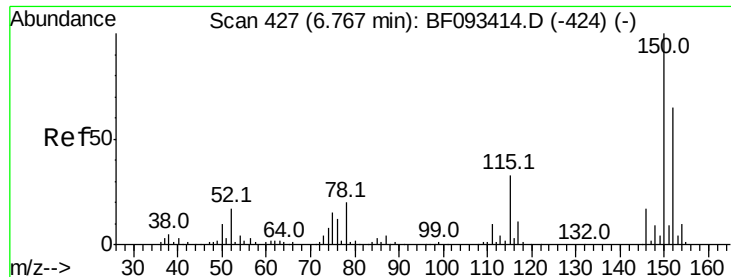
Instrument :
BNA_F
ClientSampleId :
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#1

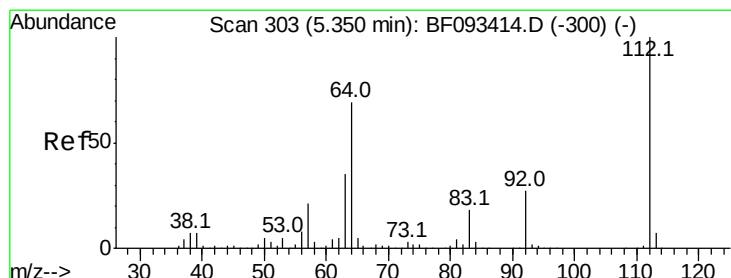
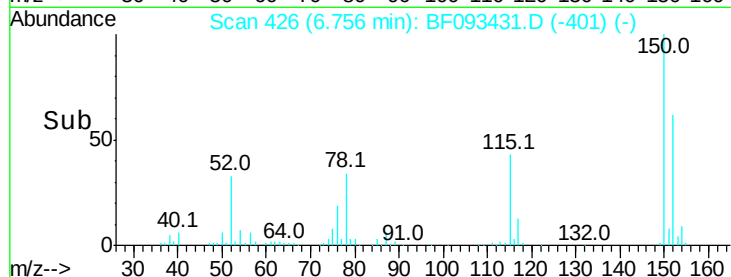
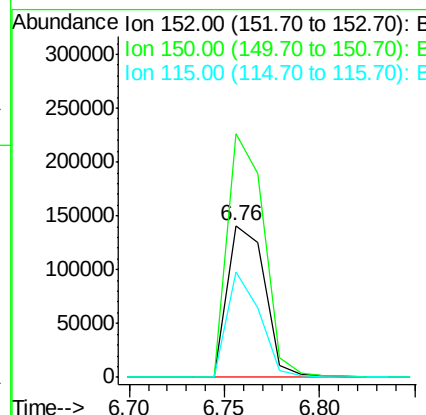
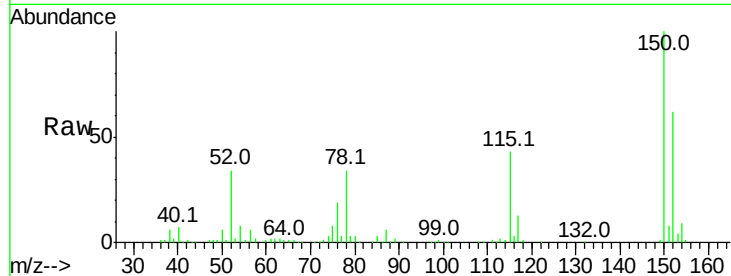
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093431.D
Acq: 8 Mar 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB97430BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.9	187.3
115	69.1	46.0	69.0

Manual Integrations
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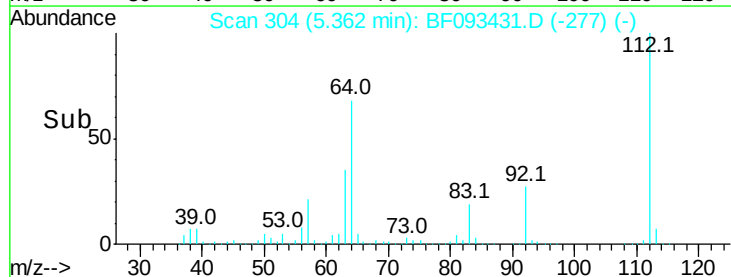
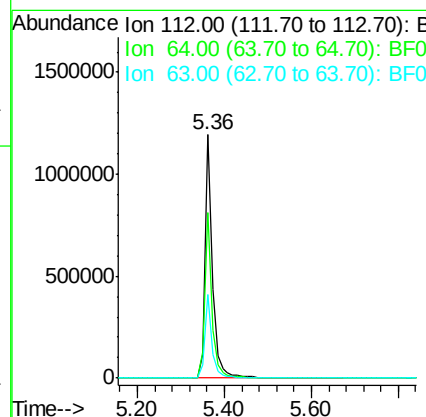
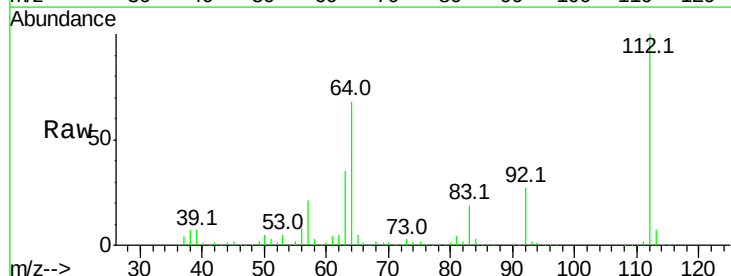
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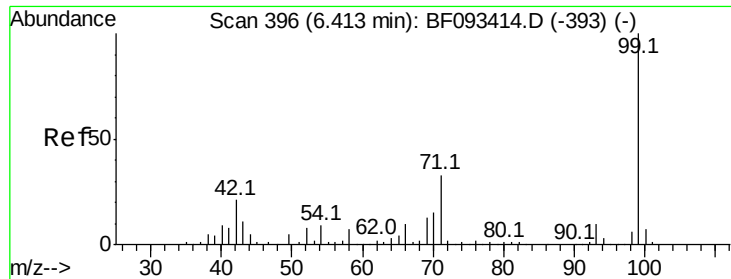


#5

2-Fluorophenol
Concen: 118.39 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093431.D
Acq: 8 Mar 2017 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.1	69.1
63	34.5	23.8	35.6





#7

Phenol-d6

Concen: 116.05 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093431.D

Acq: 8 Mar 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB97430BL

Tot Ion: 99 Resp: 1703085

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

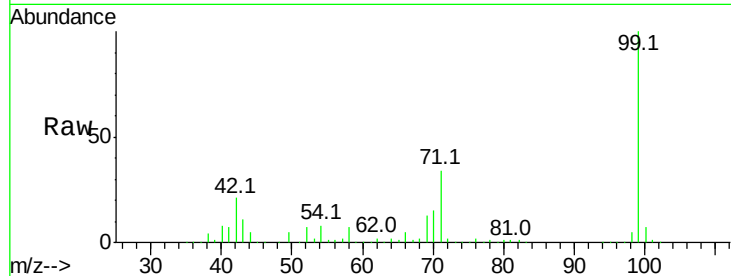
71 33.7 27.5 41.3

Manual Integrations

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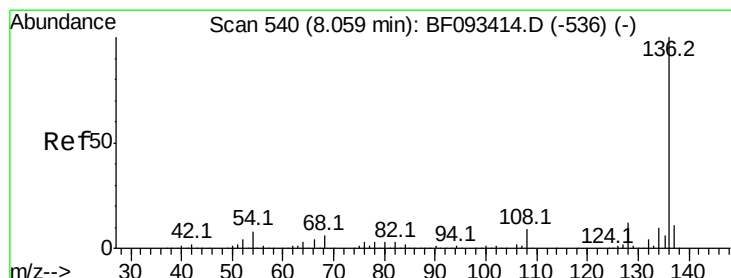
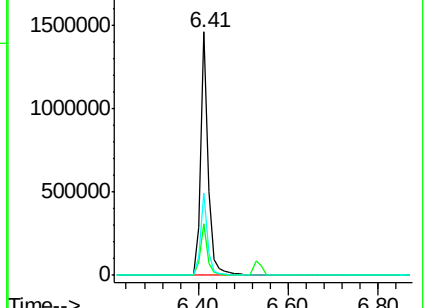
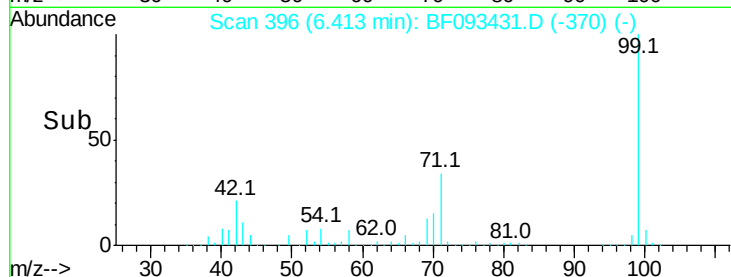
3/10/2017 8:11:36 AM



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: 8.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF093431.D

Acq: 8 Mar 2017 16:34

Tgt Ion:136 Resp: 715909

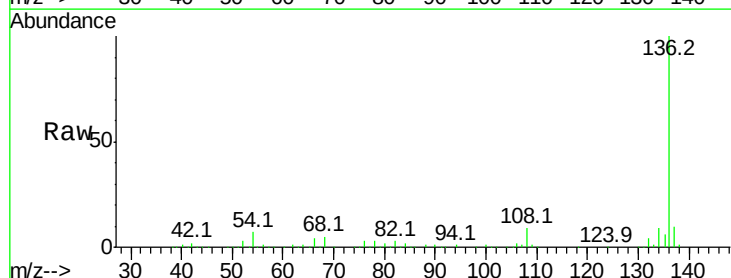
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.2 4.5 6.7#

68 5.3 3.6 5.4

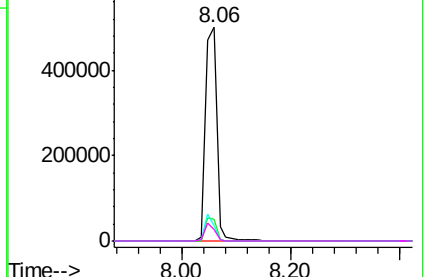
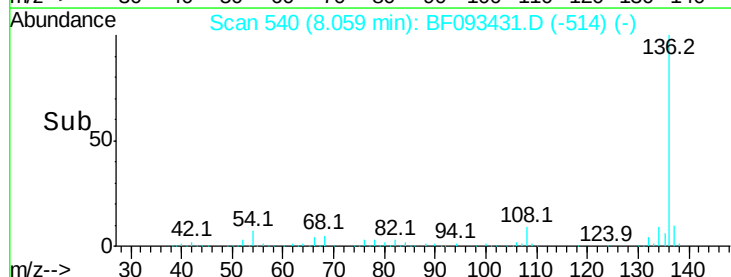


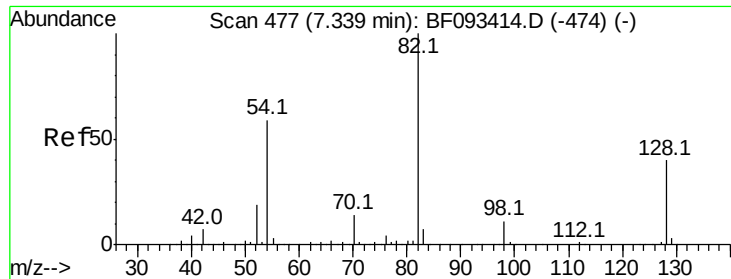
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.16 ng
 RT: 7.34 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

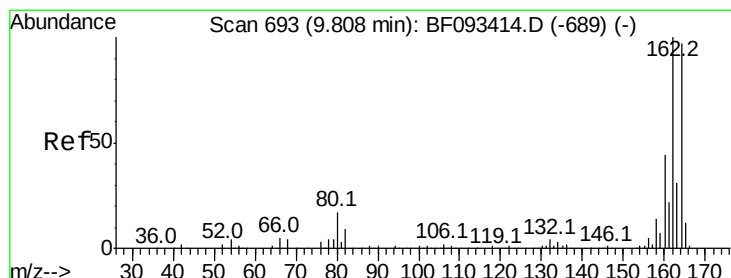
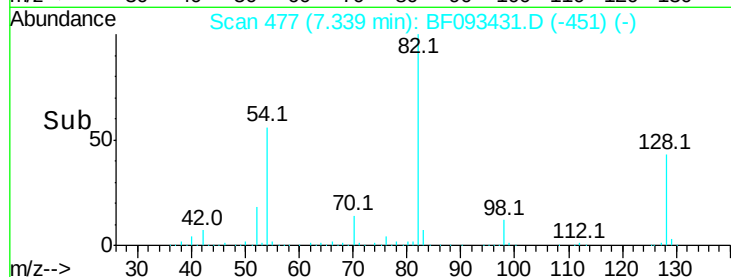
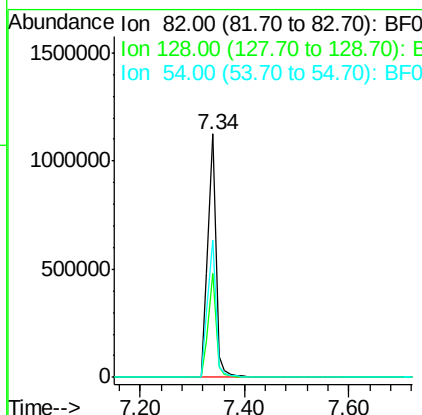
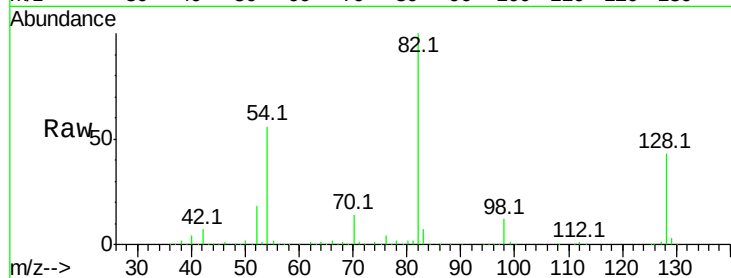
Instrument :
 BNA_F
 ClientSampleId :
 PB97430BL

Tot Ion: 82 Resp: 1227808

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	56.4	39.5	59.3

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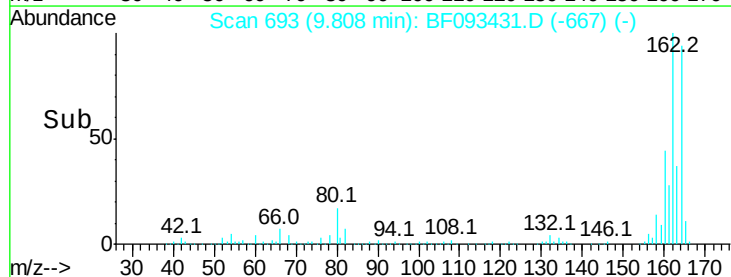
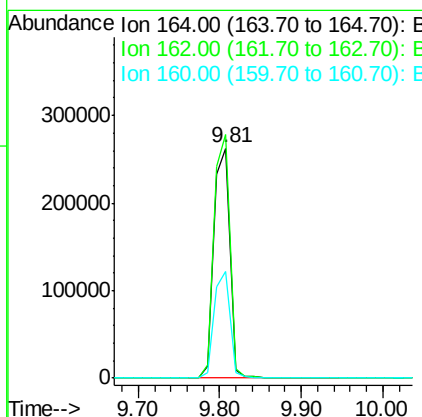
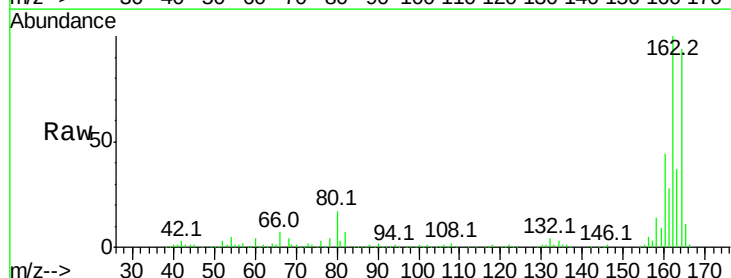
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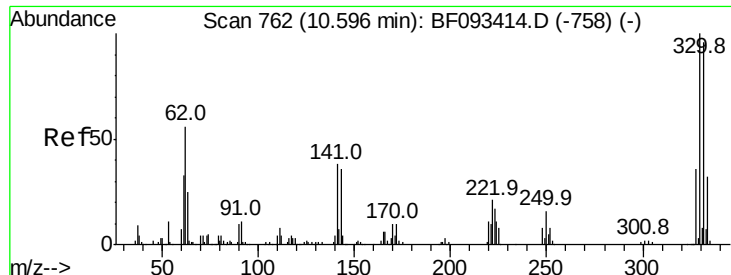


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

Tgt Ion: 164 Resp: 359585

Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.2	120.2
160	46.6	36.9	55.3





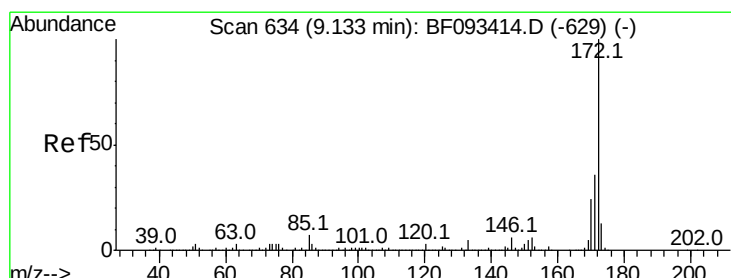
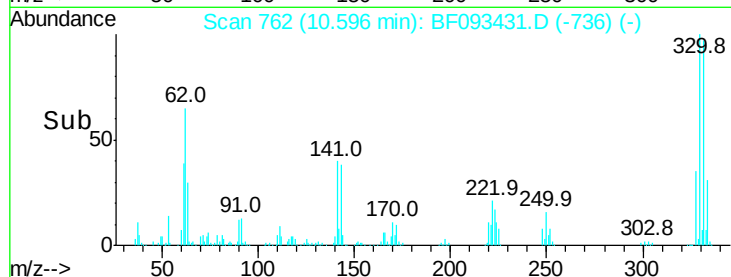
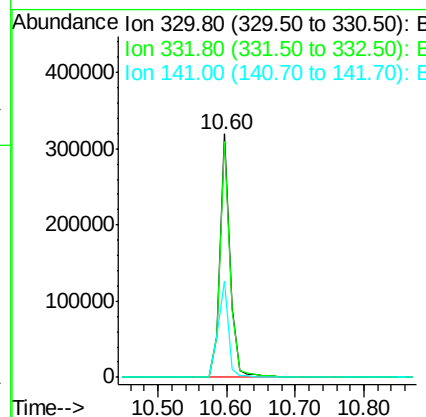
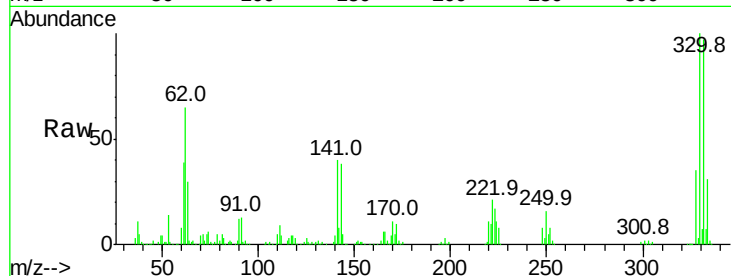
#41
 2,4,6-Tribromophenol
 Concen: 143.66 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0		77.4	116.2
141	41.4		34.1	51.1

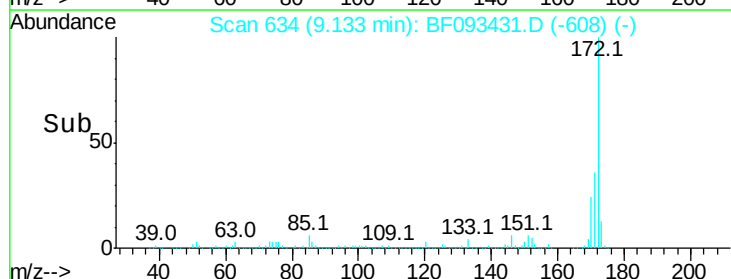
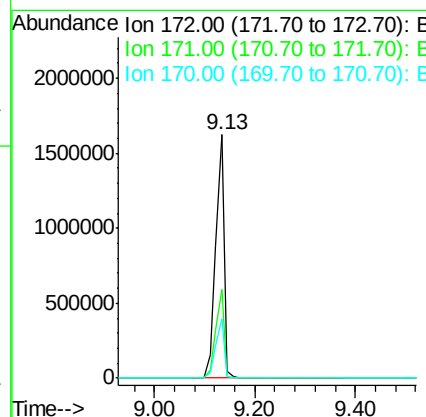
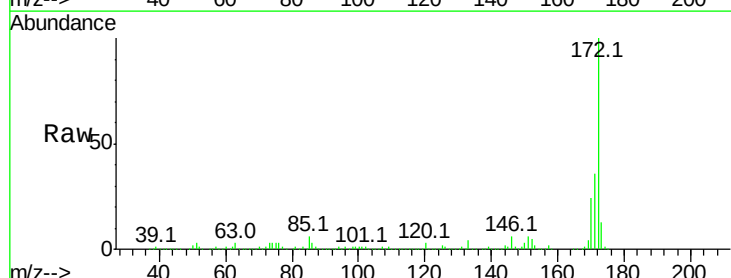
Manual Integrations
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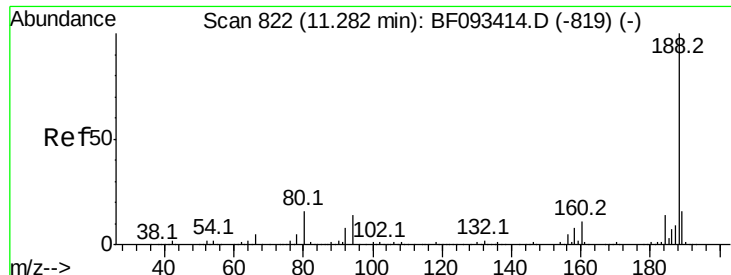
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#44
 2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5		29.4	44.0
170	24.3		20.2	30.4





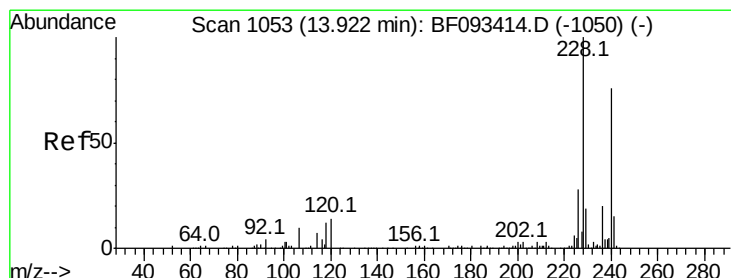
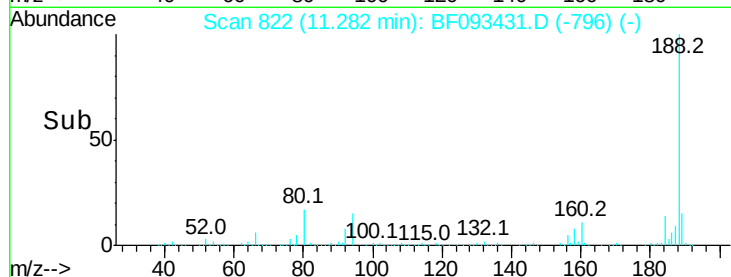
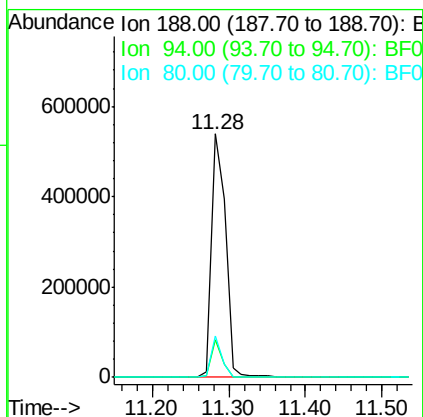
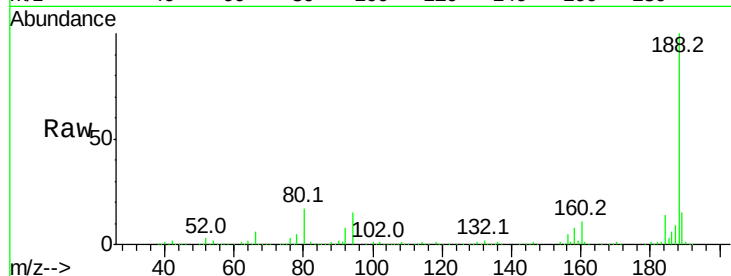
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB97430BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	678437		
94	15.2	10.0	15.0#	
80	17.1	11.2	16.8#	

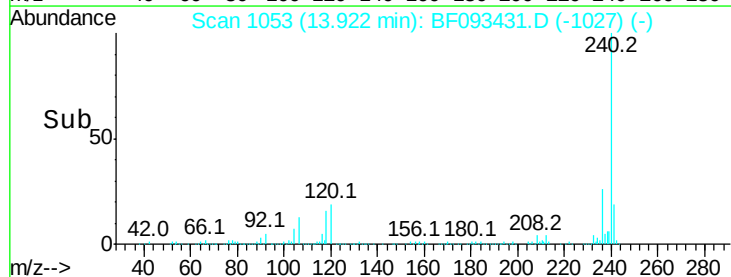
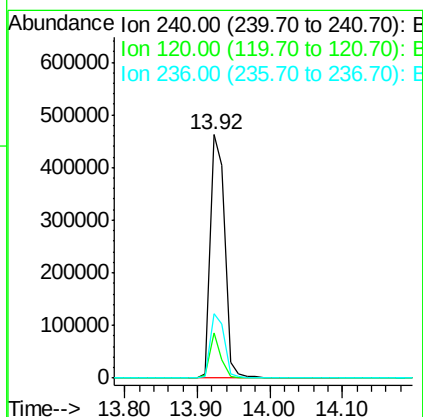
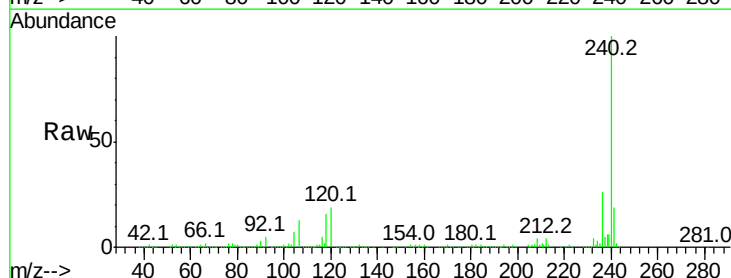
Manual Integrations
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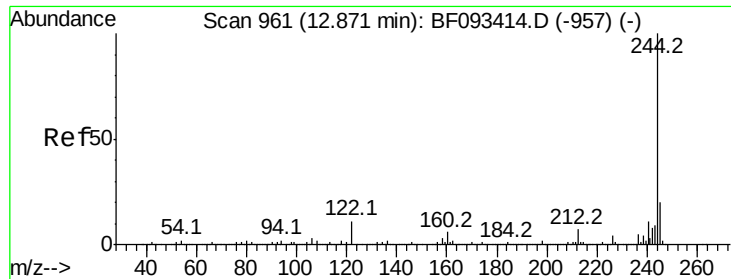
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF093431.D
 Acq: 8 Mar 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	634411		
120	18.7	12.9	19.3	
236	26.4	20.9	31.3	





#78

Terphenyl-d14

Concen: 67.68 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093431.D

Acq: 8 Mar 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB97430BL

Tot Ion:244 Resp: 1651461

Ion Ratio Lower Upper

244 100

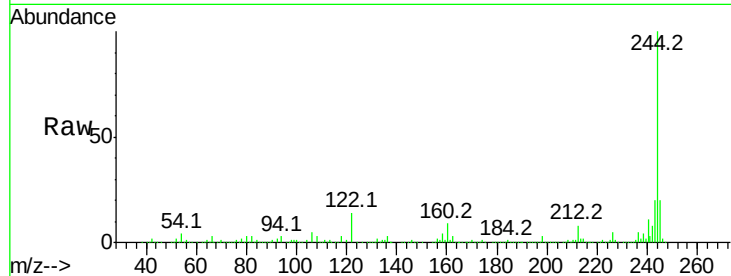
212 7.8 6.2 9.2

122 14.0 11.4 17.2

Manual Integrations
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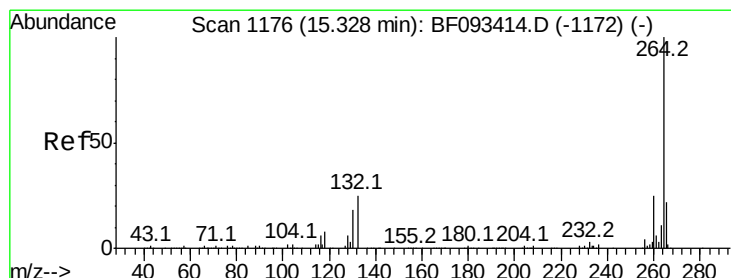
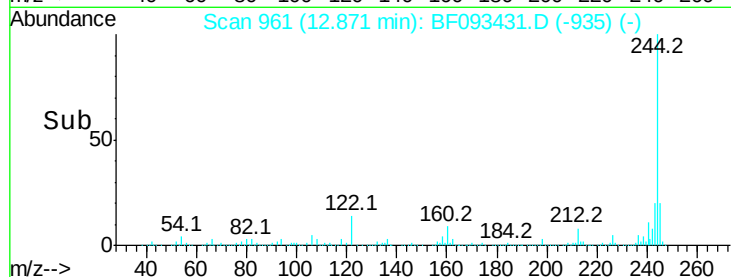
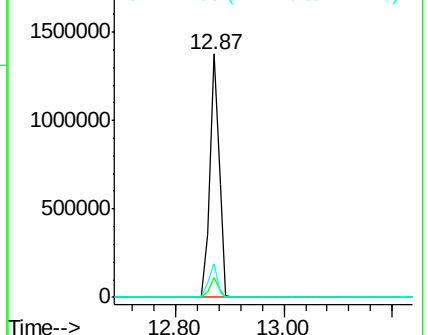
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093431.D

Acq: 8 Mar 2017 16:34

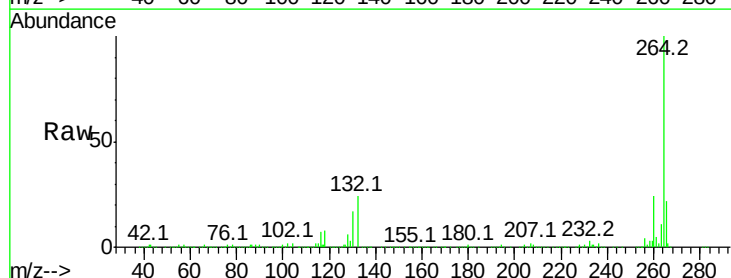
Tgt Ion:264 Resp: 562725

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

