

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093434.D
 Acq On : 8 Mar 2017 17:56
 Operator : SJ/MA
 Sample : PB97426BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Manual Integrations
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mohammad
 3/10/2017 8:11:41 AM

Quant Time: Mar 09 13:36:24 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	177933m	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	704657	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	335569	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	641513	20.00	ng	0.00
75) Chrysene-d12	13.92	240	604844	20.00	ng	0.00
86) Perylene-d12	15.34	264	501981	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1353527	126.60	ng	0.01
7) Phenol-d6	6.41	99	1592126	118.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	1158363	91.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	308365	141.04	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1788093	99.11	ng	0.00
78) Terphenyl-d14	12.87	244	1541645	66.27	ng	0.00

Target Compounds Qvalue

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

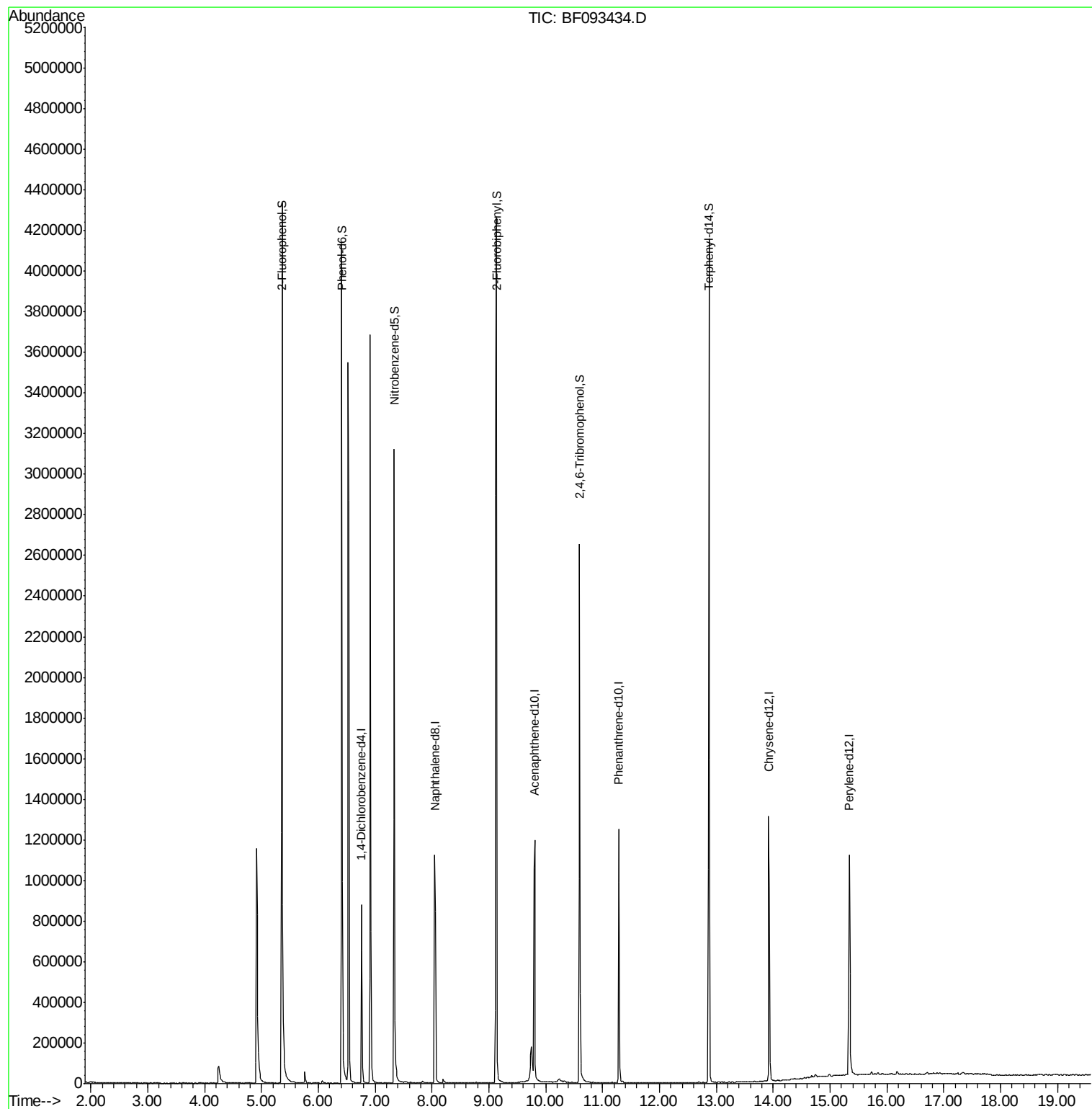
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
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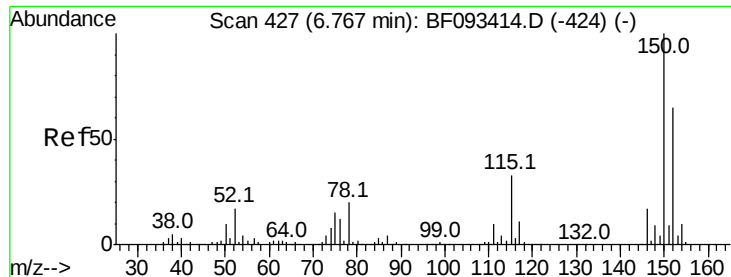
Instrument :
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#1

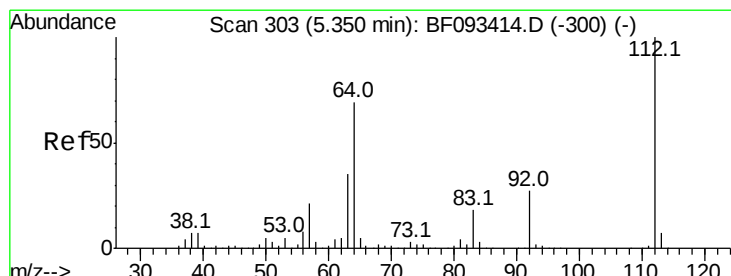
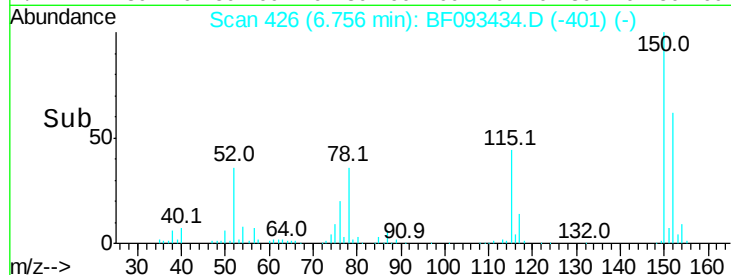
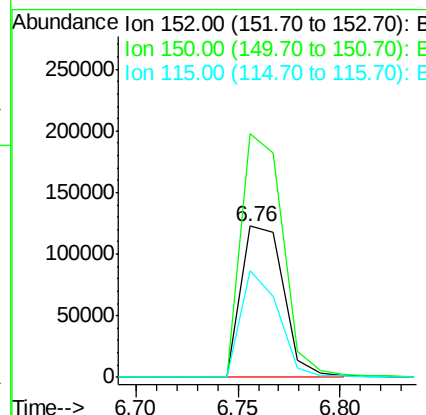
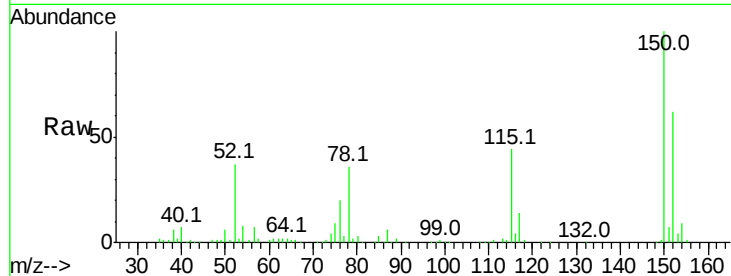
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Instrument :
BNA_F
ClientSampleID :
PB97426BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.9	187.3
115	70.9	46.0	69.0

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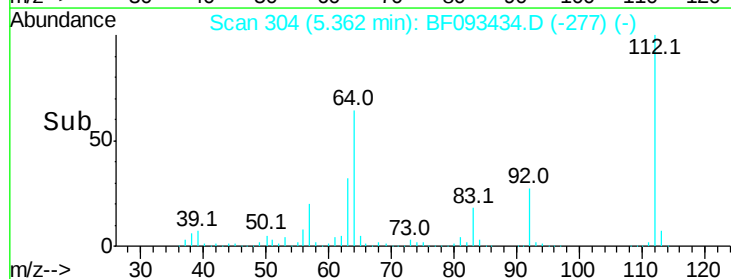
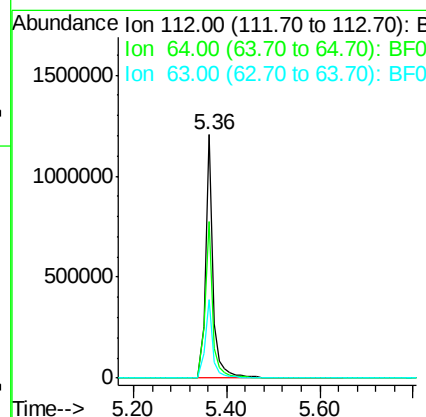
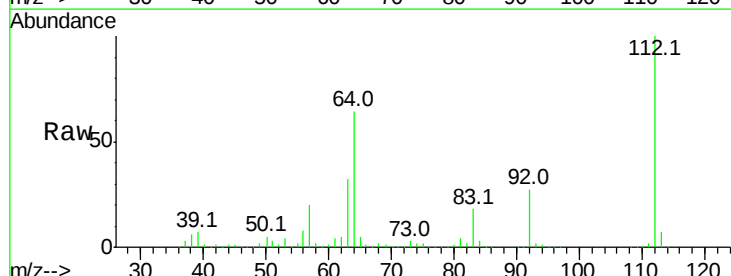
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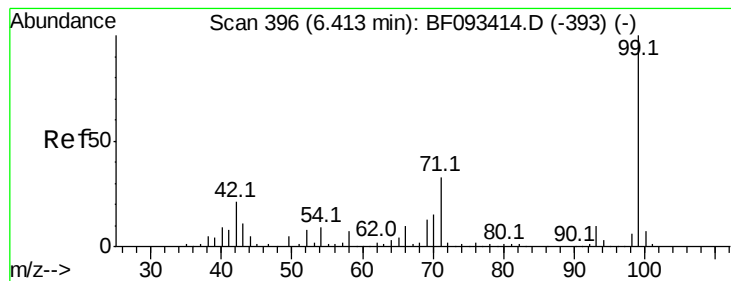


#5

2-Fluorophenol
Concen: 126.60 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.1	69.1
63	32.5	23.8	35.6





#7

Phenol-d6

Concen: 118.10 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Instrument :

BNA_F

ClientSampleId :

PB97426BL

Tot Ion: 99 Resp: 1592126

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

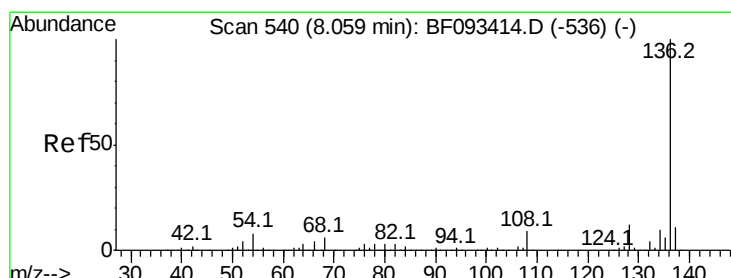
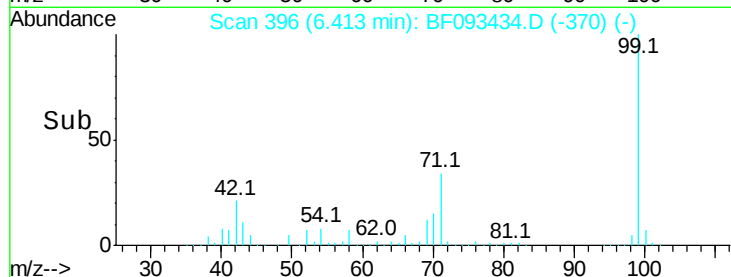
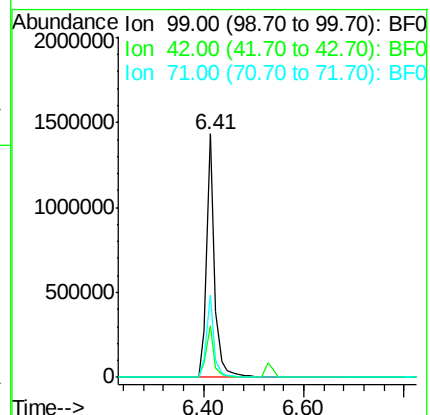
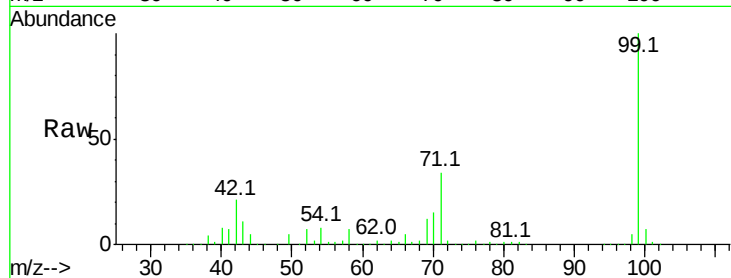
71 34.1 27.5 41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093434.D

Acq: 8 Mar 2017 17:56

Tgt Ion:136 Resp: 704657

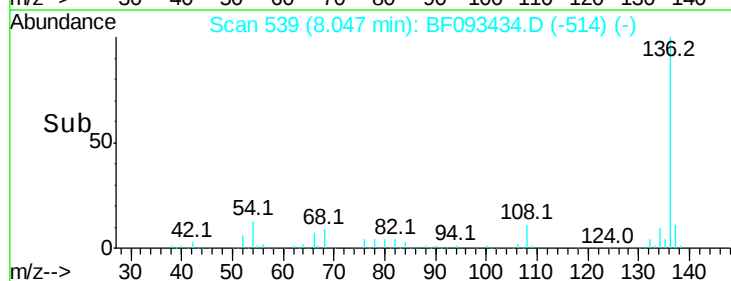
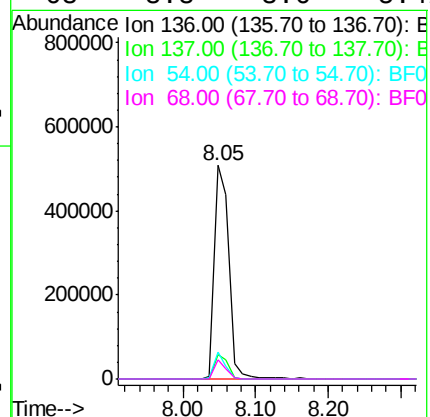
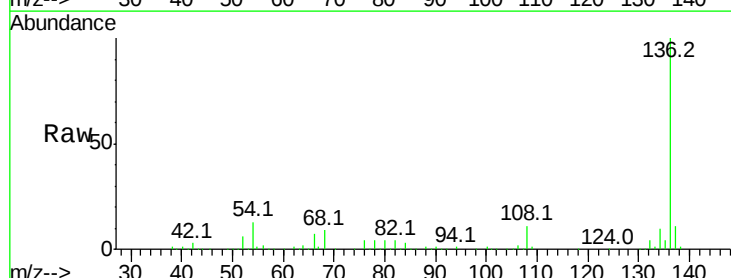
Ion Ratio Lower Upper

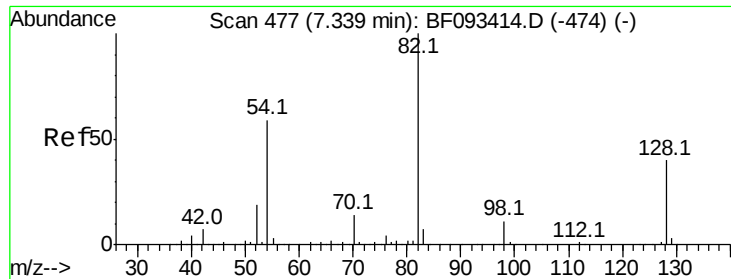
136 100

137 11.4 8.4 12.6

54 12.8 4.5 6.7#

68 8.8 3.6 5.4#





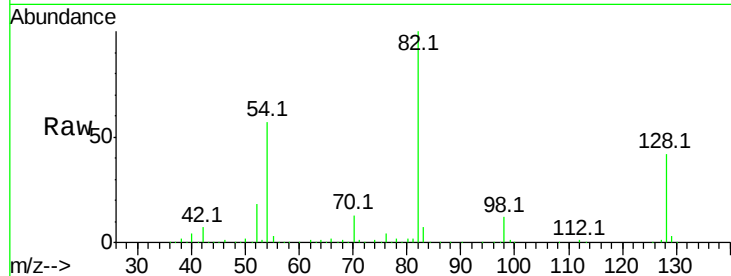
#23
 Nitrobenzene-d5
 Concen: 91.21 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

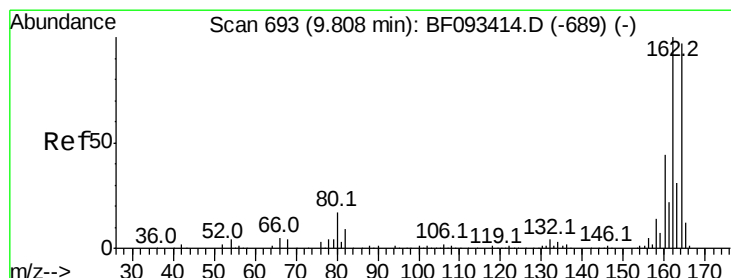
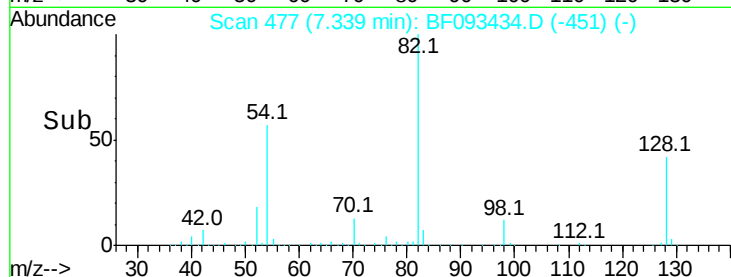
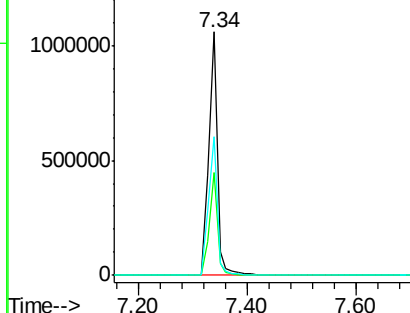
Tot Ion: 82 Resp: 1158363
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 57.1 39.5 59.3

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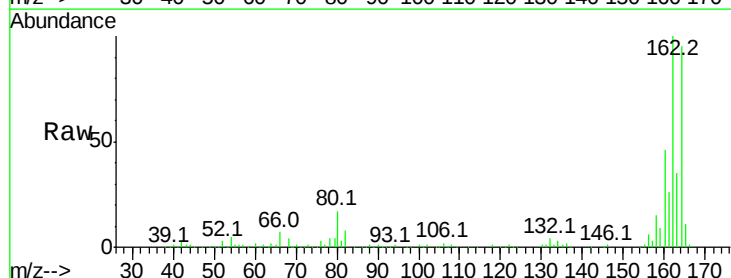


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

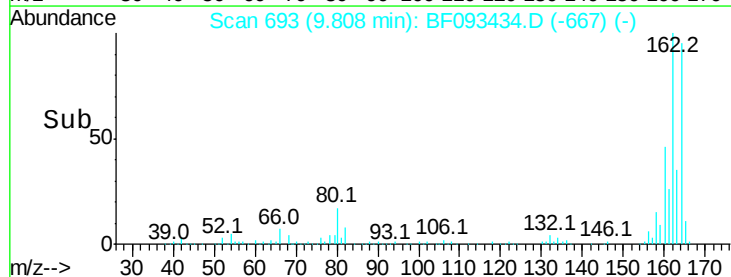
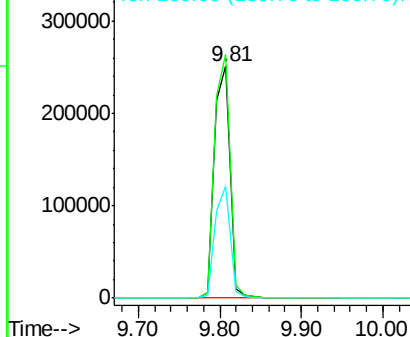


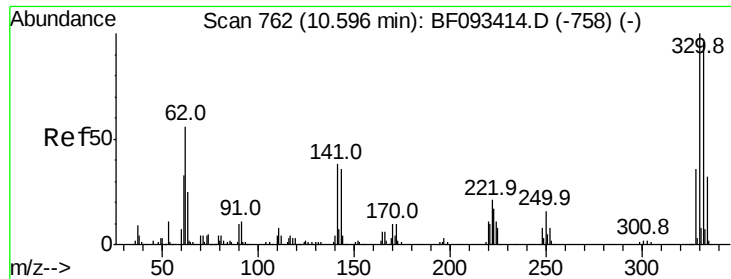
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion: 164 Resp: 335569
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 48.0 36.9 55.3



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





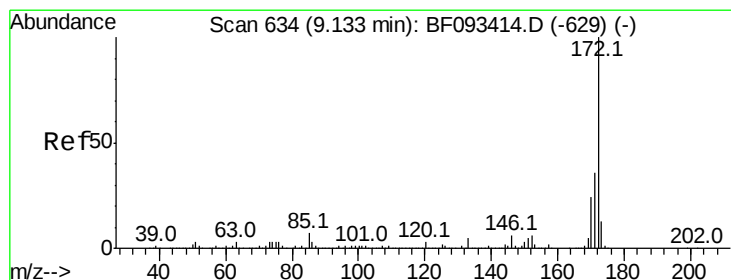
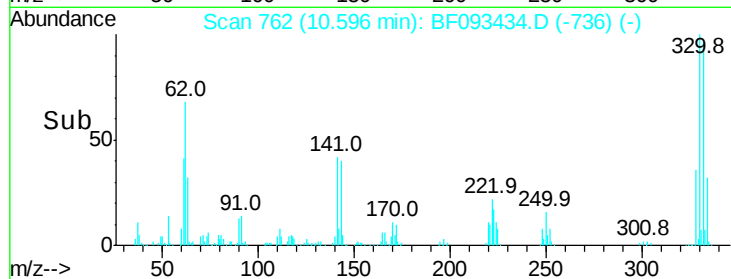
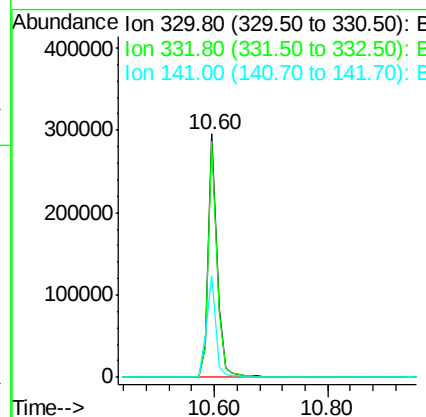
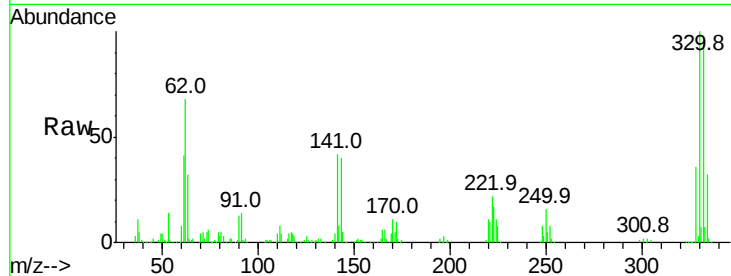
#41
 2,4,6-Tribromophenol
 Concen: 141.04 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6		77.4	116.2
141	44.3		34.1	51.1

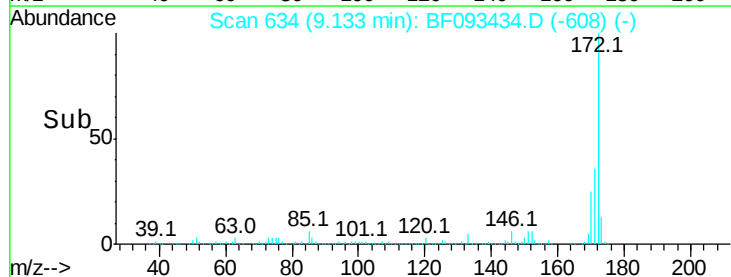
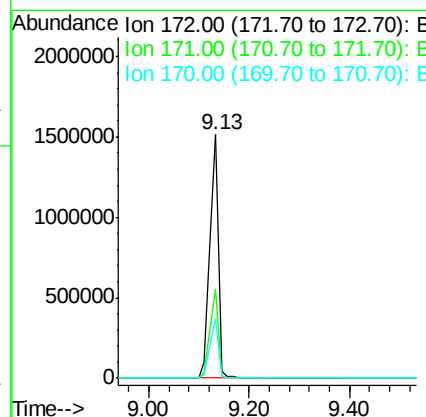
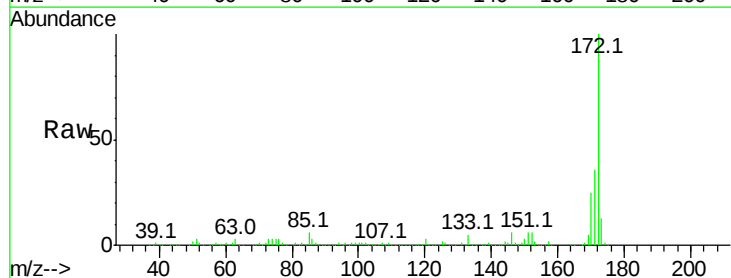
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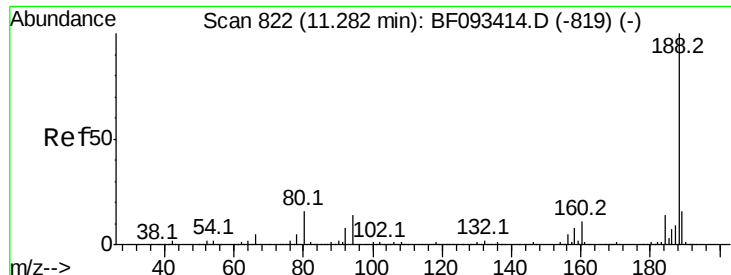
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#44
 2-Fluorobiphenyl
 Concen: 99.11 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4		29.4	44.0
170	24.6		20.2	30.4





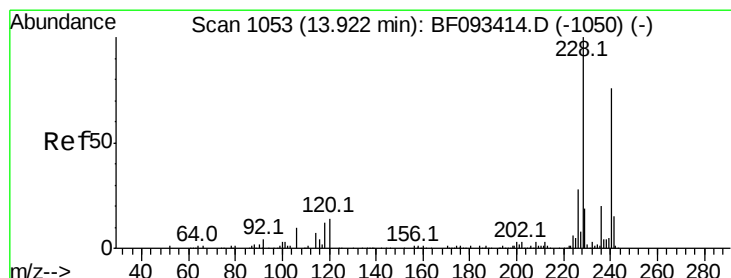
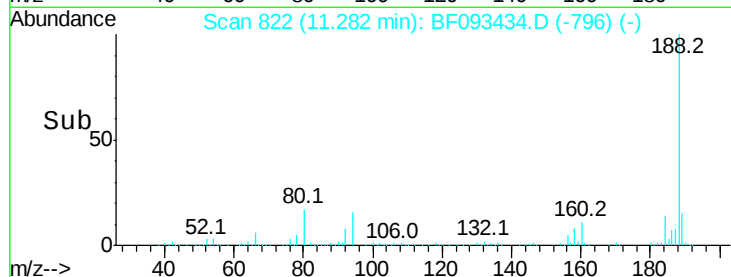
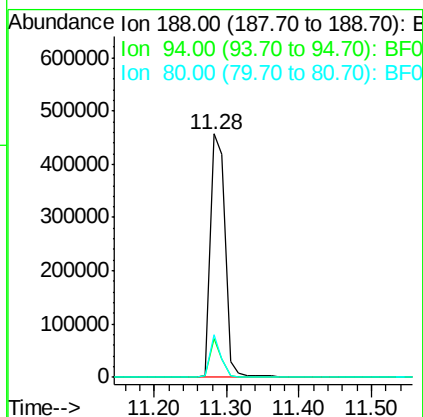
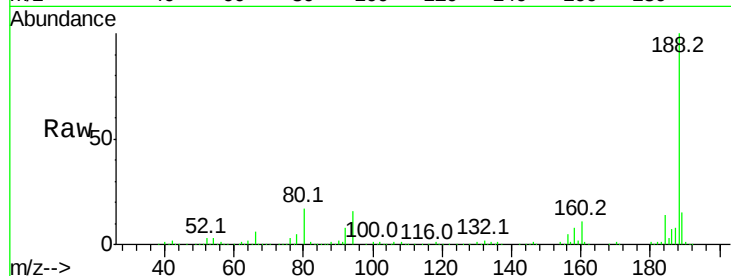
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Instrument :
BNA_F
ClientSampleId :
PB97426BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	641513		
94	15.9	10.0	15.0#	
80	17.4	11.2	16.8#	

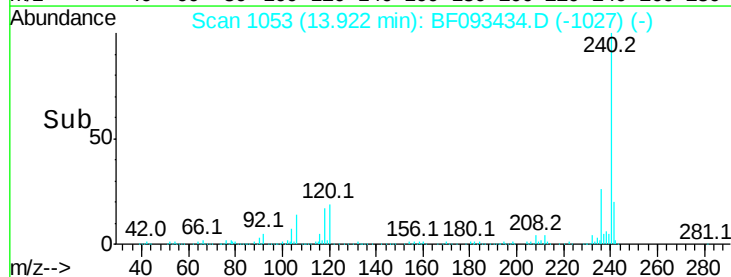
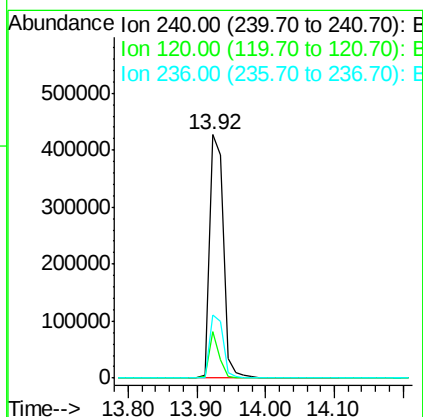
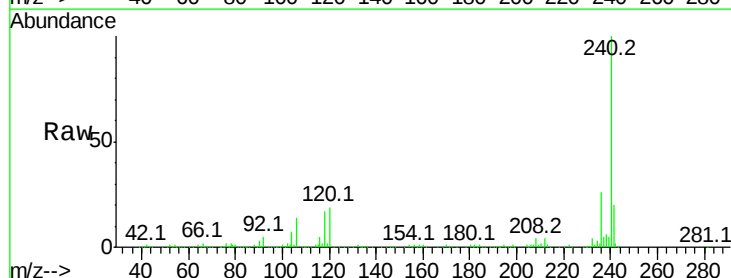
Manual Integrations
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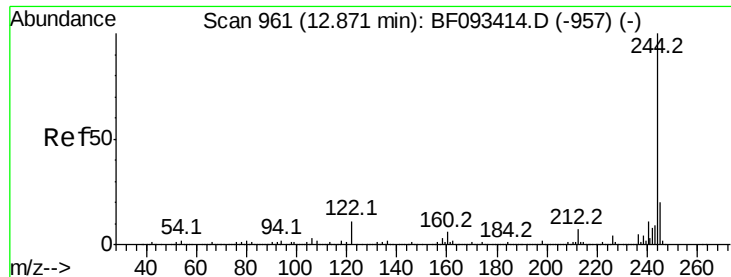
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093434.D
Acq: 8 Mar 2017 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	604844		
120	19.1	12.9	19.3	
236	26.1	20.9	31.3	





#78
 Terphenyl-d14
 Concen: 66.27 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

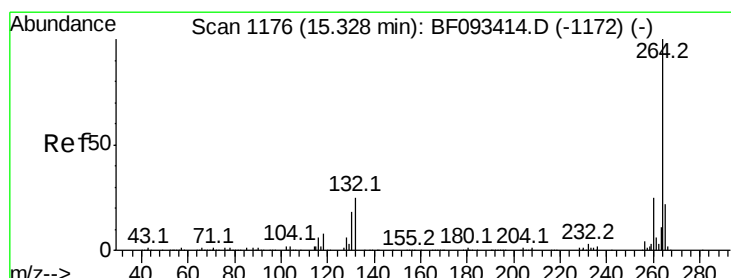
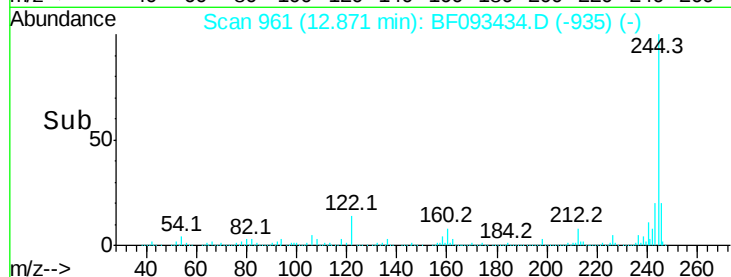
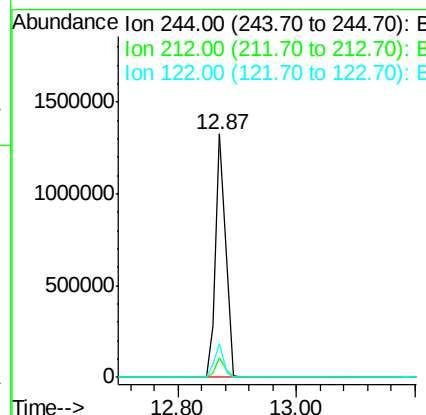
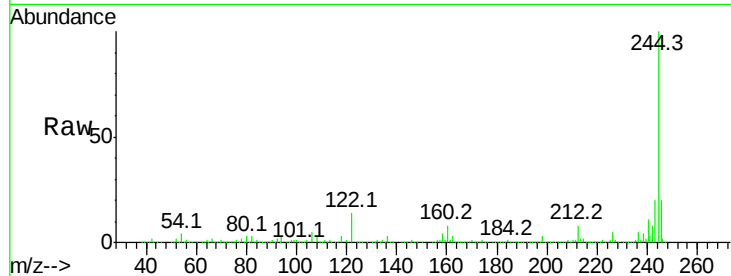
Instrument :
 BNA_F
 ClientSampleId :
 PB97426BL

Tot Ion:244 Resp: 1541645

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.0	11.4	17.2

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093434.D
 Acq: 8 Mar 2017 17:56

Tgt Ion:264 Resp: 501981

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.4	26.0

