

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094452.D
 Acq On : 17 Apr 2017 16:33
 Operator : SJ/MA
 Sample : PB98268BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98268BL

Manual Integrations
 APPROVED

mohammad
 4/18/2017 4:55:20 PM

Quant Time: Apr 18 01:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	153797	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	621030	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	287799	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	529262	20.00	ng	0.00
75) Chrysene-d12	14.46	240	461824	20.00	ng	0.00
86) Perylene-d12	16.08	264	353080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1121112	120.94	ng	0.01
7) Phenol-d6	5.39	99	1386879	126.90	ng	0.00
23) Nitrobenzene-d5	6.41	82	858497	85.36	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	247864	110.11	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1594812	81.53	ng	0.00
78) Terphenyl-d14	13.20	244	1407238	81.45	ng	0.00

Target Compounds Qvalue

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

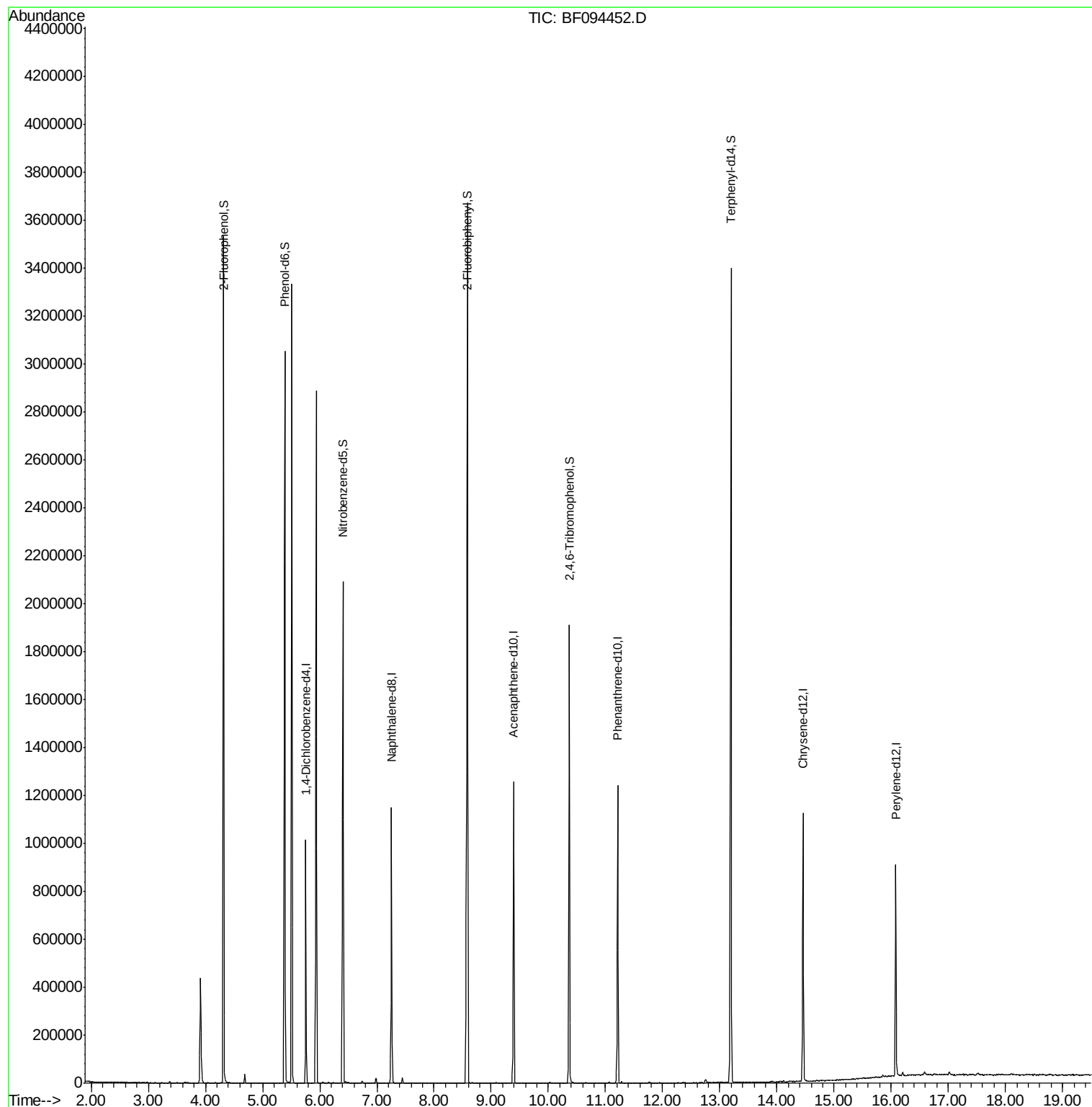
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094452.D
Acq On : 17 Apr 2017 16:33
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Misc :
ALS Vial : 4 Sample Multiplier: 1

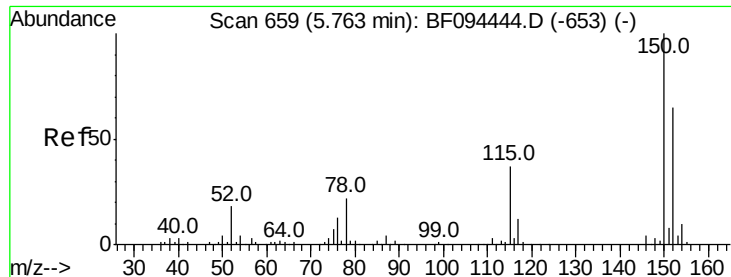
Instrument :
BNA_F
ClientSampleId :
PB98268BL

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#1

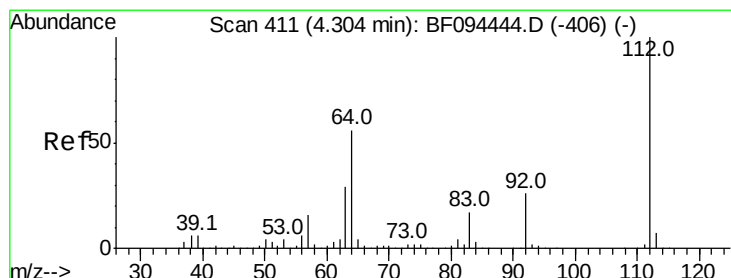
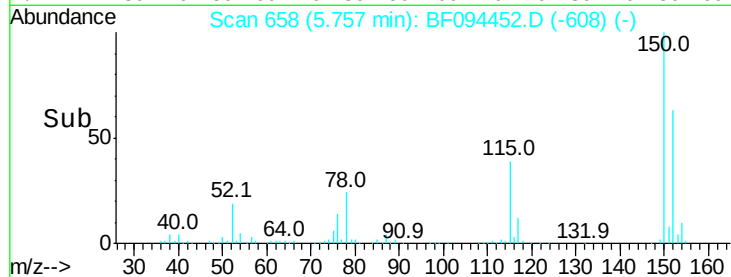
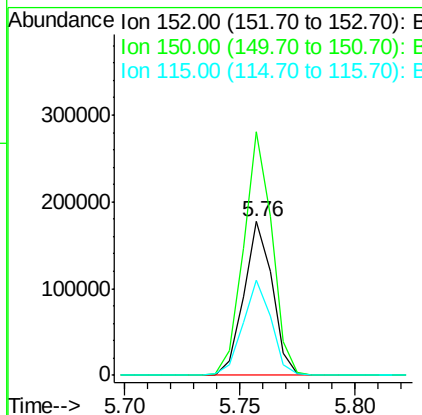
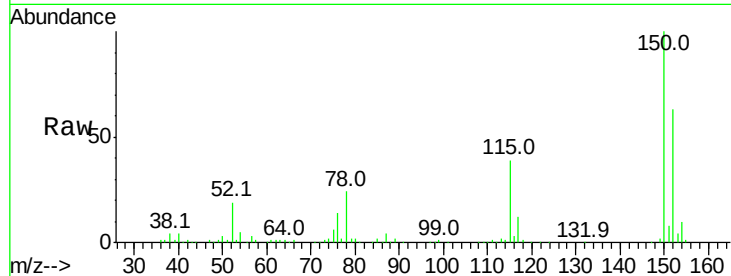
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB98268BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	61.7	52.2	78.2

Manual Integrations
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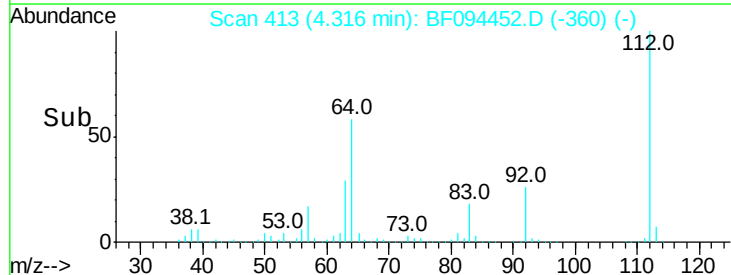
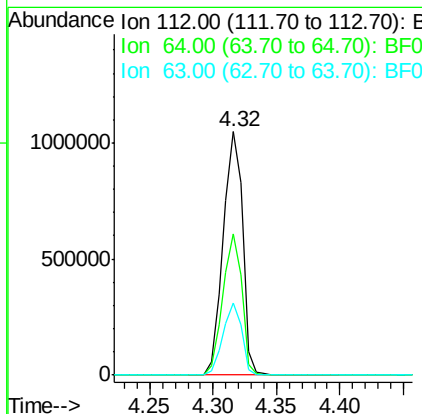
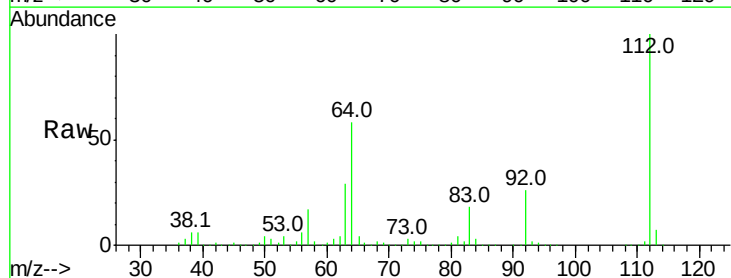
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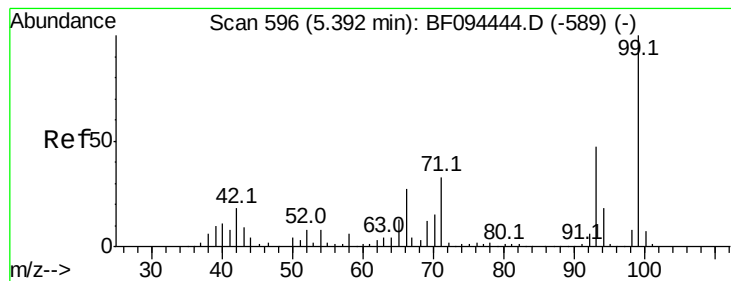


#5

2-Fluorophenol
Concen: 120.94 ng
RT: 4.32 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	29.4	23.4	35.0





#7

Phenol-d6

Concen: 126.90 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB98268BL

Tot Ion: 99 Resp: 1386879

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

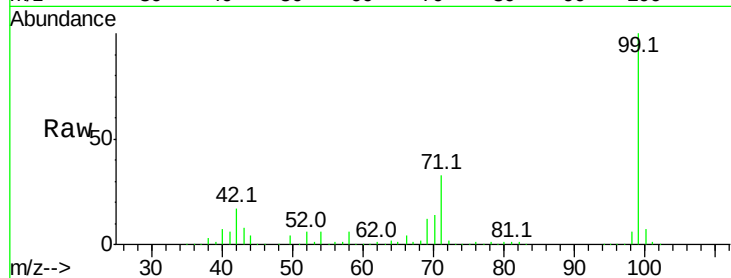
71 33.2 24.5 36.7

Manual Integrations

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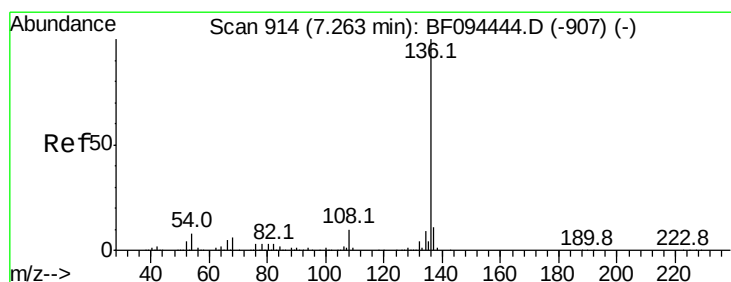
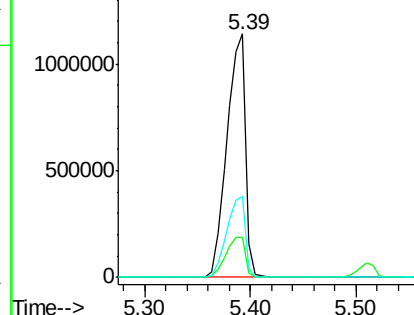
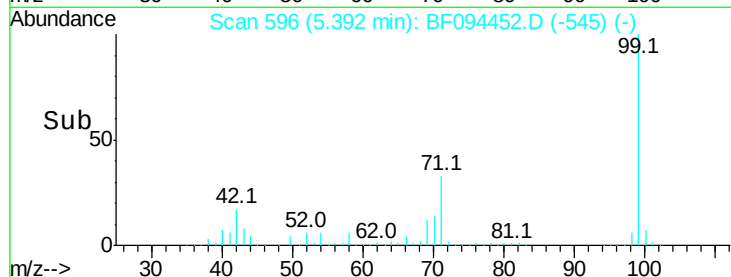
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Tgt Ion: 136 Resp: 621030

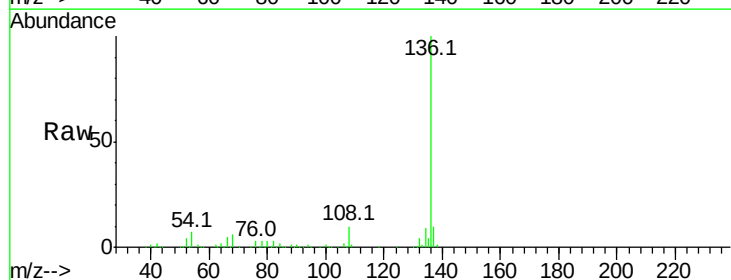
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

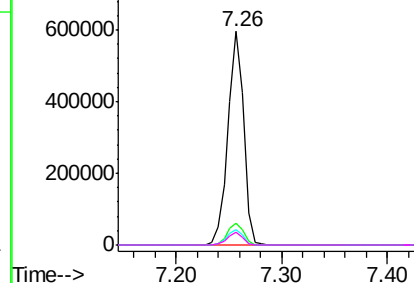
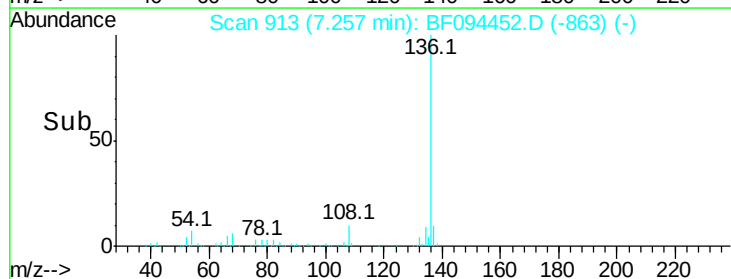


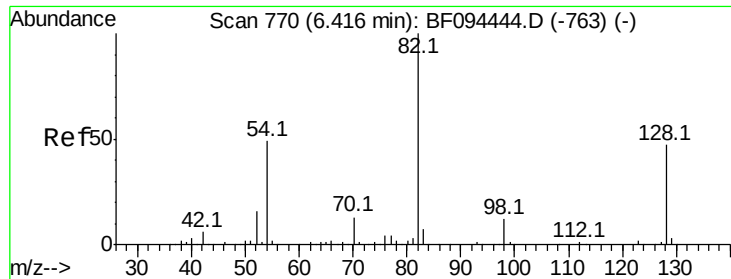
Abundance Ion 136.00 (135.70 to 136.70): E

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





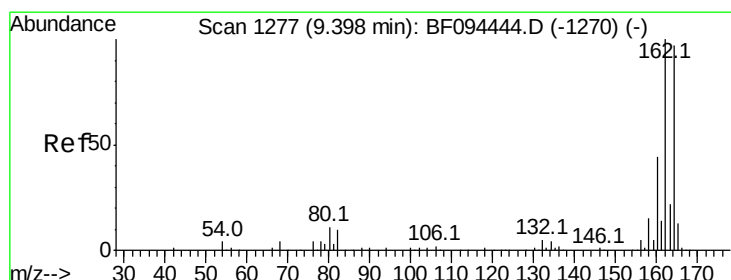
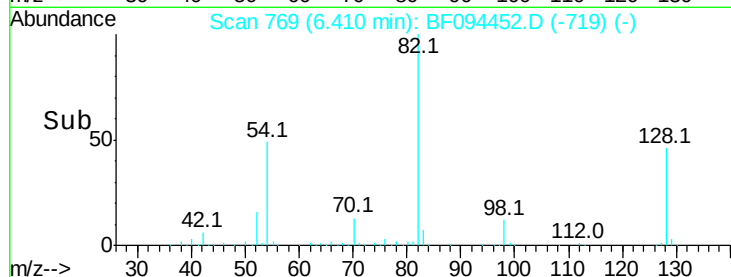
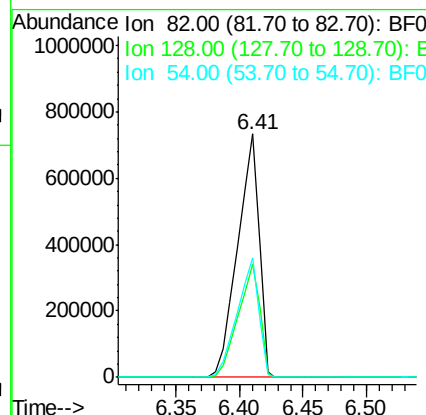
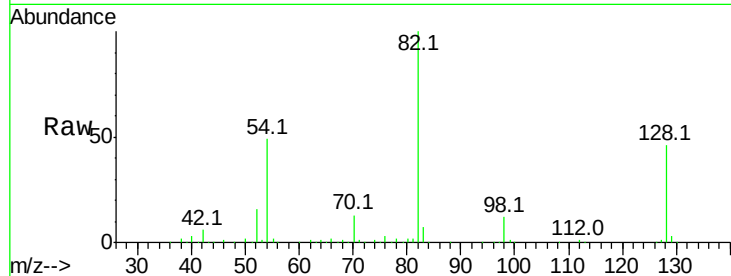
#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 6.41 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Instrument :
 BNA_F
 ClientSampled :
 PB98268BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	48.8	42.2	63.2

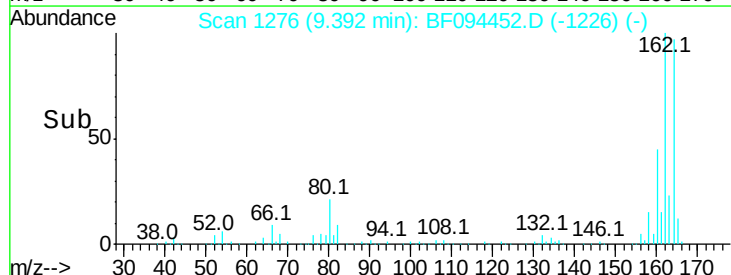
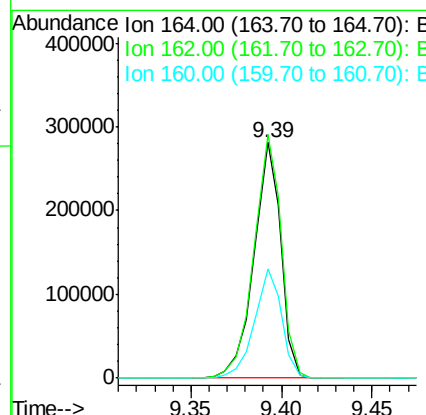
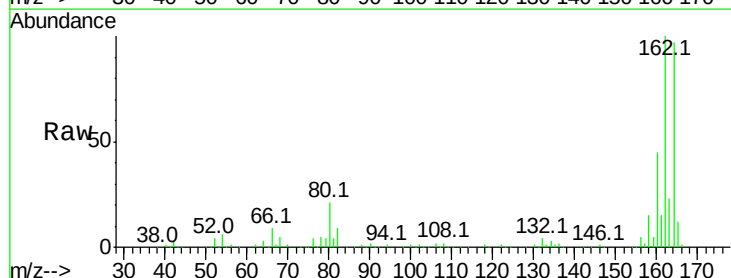
Manual Integrations
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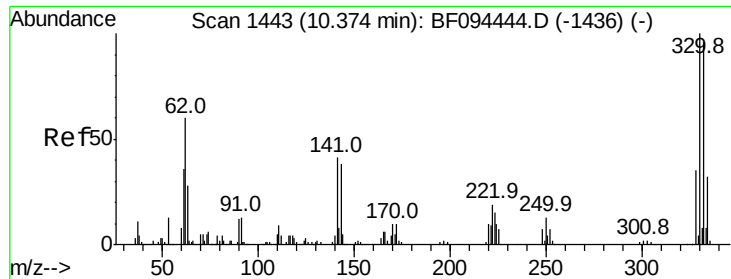
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.2	36.2	54.2





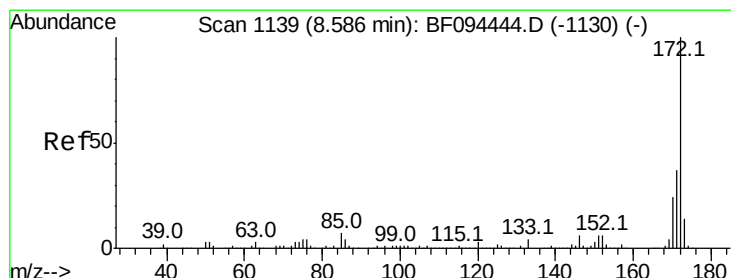
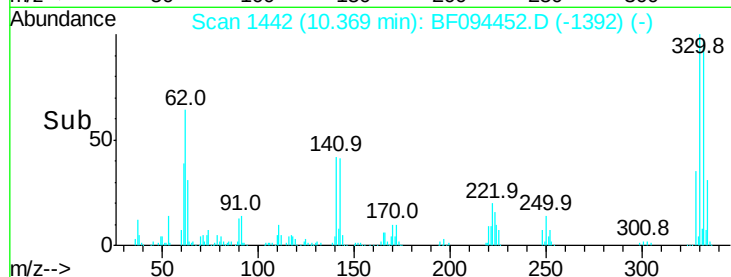
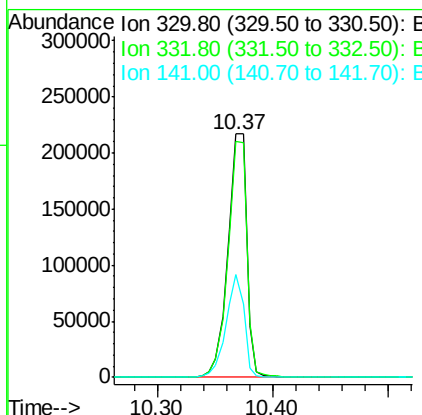
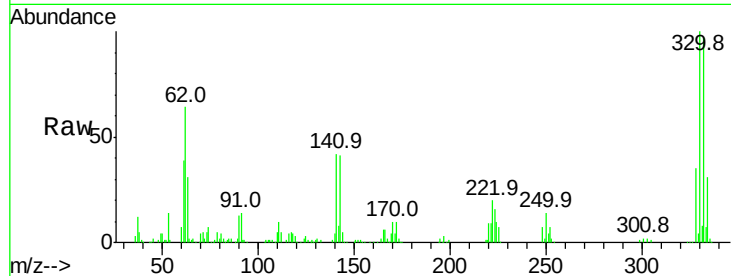
#41
 2,4,6-Tribromophenol
 Concen: 110.11 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Instrument :
 BNA_F
 ClientSampled :
 PB98268BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	247864		
332	96.9	76.6	115.0	
141	40.0	31.4	47.2	

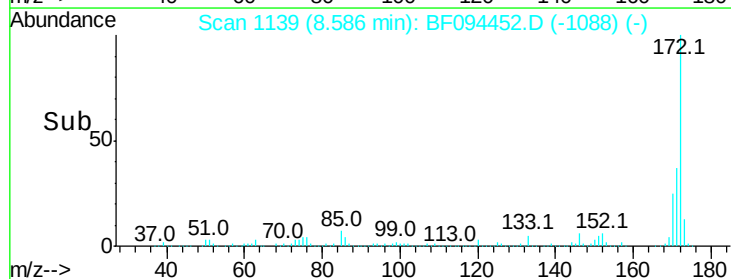
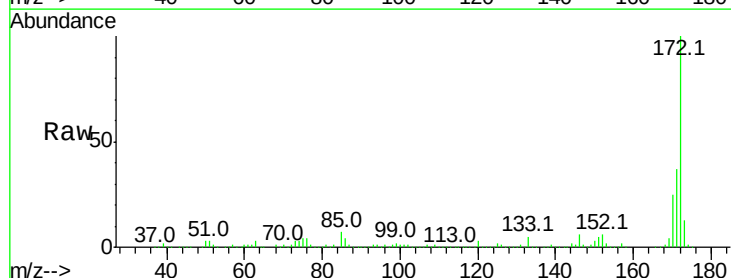
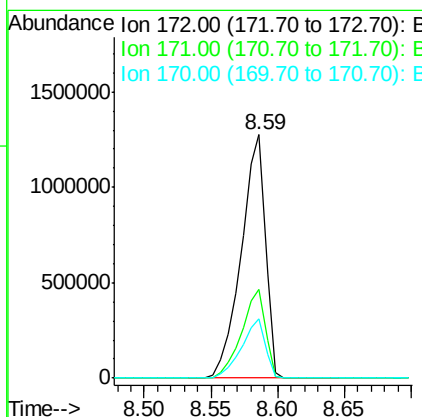
Manual Integrations
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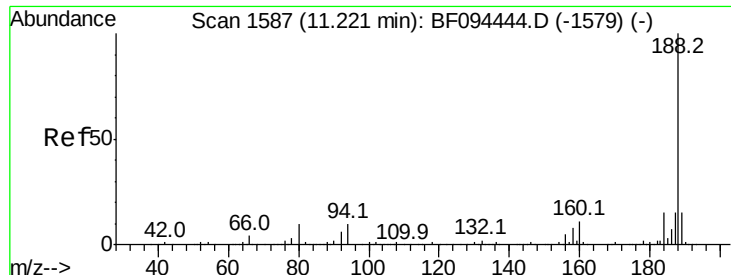
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#44
 2-Fluorobiphenyl
 Concen: 81.53 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094452.D
 Acq: 17 Apr 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1594812		
171	36.6	29.6	44.4	
170	24.5	19.8	29.8	





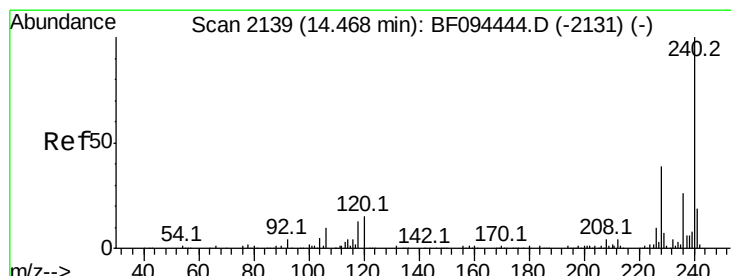
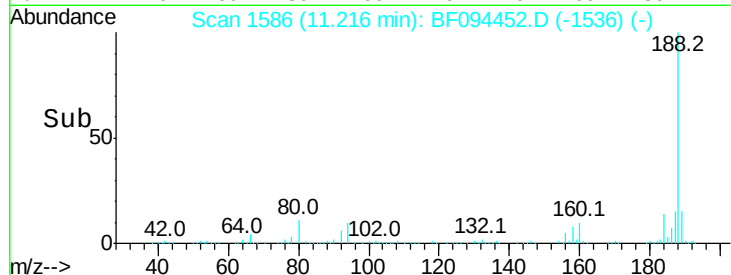
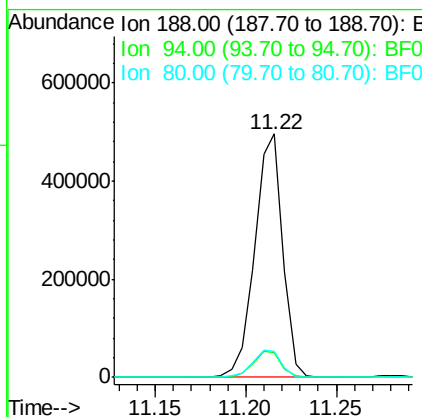
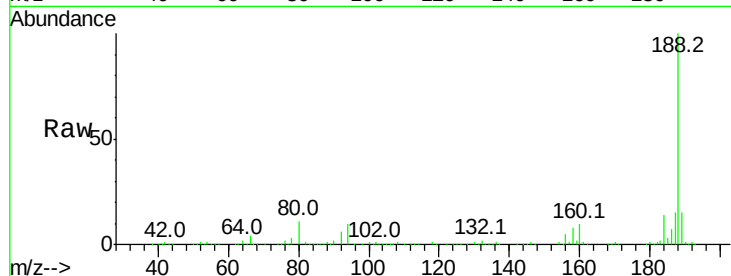
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB98268BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.6	10.2	15.2

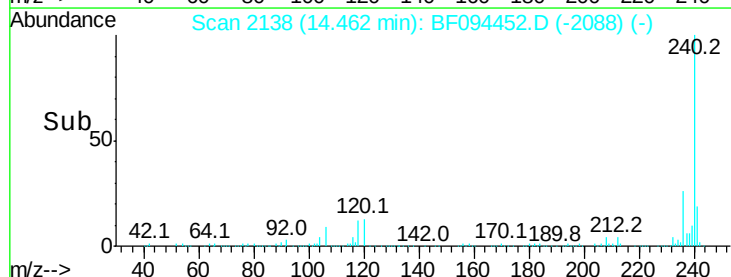
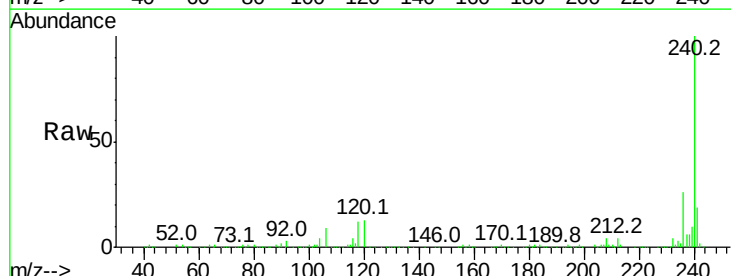
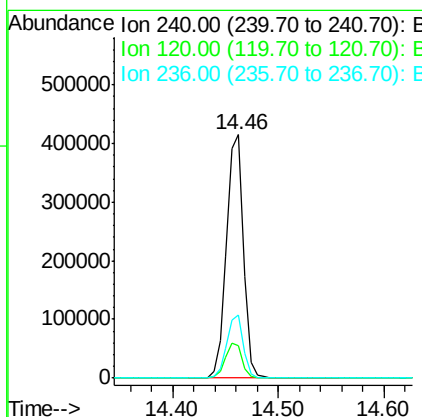
Manual Integrations
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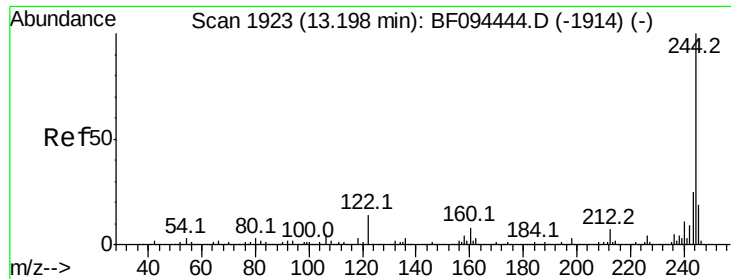
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094452.D
Acq: 17 Apr 2017 16:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.0	20.5	30.7





#78

Terphenyl-d14

Concen: 81.45 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB98268BL

Tot Ion:244 Resp: 1407238

Ion Ratio Lower Upper

244 100

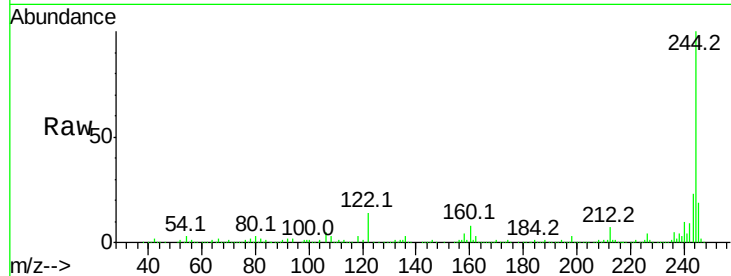
212 7.5 6.0 9.0

122 13.6 10.3 15.5

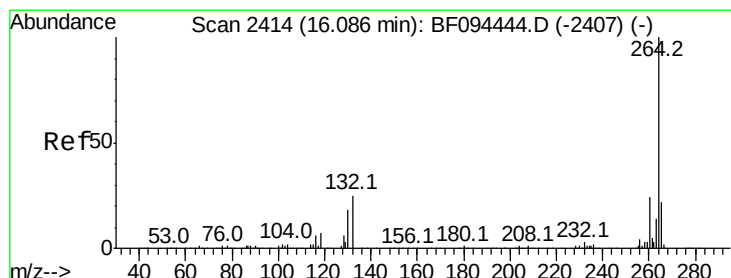
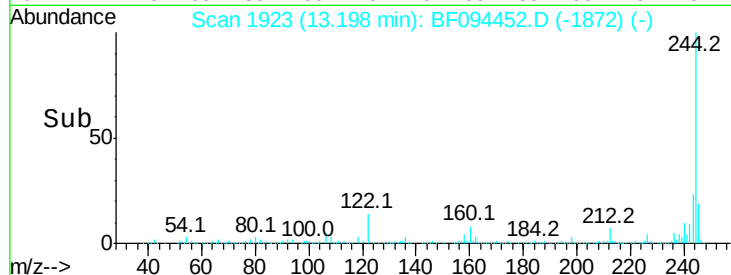
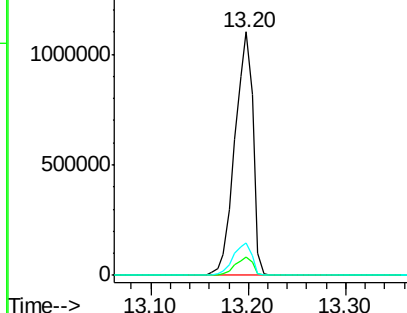
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BF094452.D

Acq: 17 Apr 2017 16:33

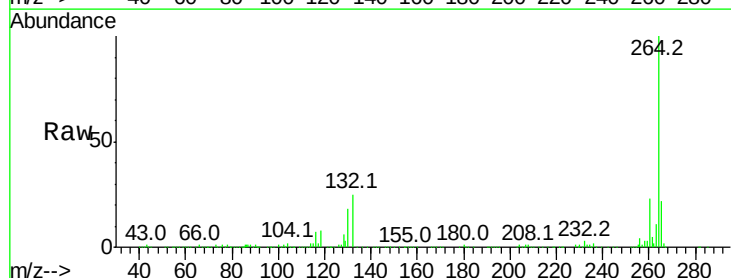
Tgt Ion:264 Resp: 353080

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
400000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

