

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094261.D
 Acq On : 7 Apr 2017 8:44
 Operator : SJ/MA
 Sample : I2542-18
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:21:36 PM

Quant Time: Apr 07 13:15:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	160621	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	652057	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	279878	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	441304	20.00	ng	0.00
75) Chrysene-d12	14.57	240	306545	20.00	ng	0.00
86) Perylene-d12	16.20	264	255190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	968720	101.87	ng	0.00
7) Phenol-d6	5.46	99	1241491	105.53	ng	0.00
23) Nitrobenzene-d5	6.50	82	761009	66.60	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	229426	103.74	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1289672	70.28	ng	0.00
78) Terphenyl-d14	13.30	244	778661	56.94	ng	0.00
Target Compounds						
10) Phenol	5.47	94	90836	6.79	ng	90
49) Dimethylphthalate	9.17	163	132142	6.64	ng	98
87) Benzo(b)fluoranthene	15.79	252	33948m	2.17	ng	

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

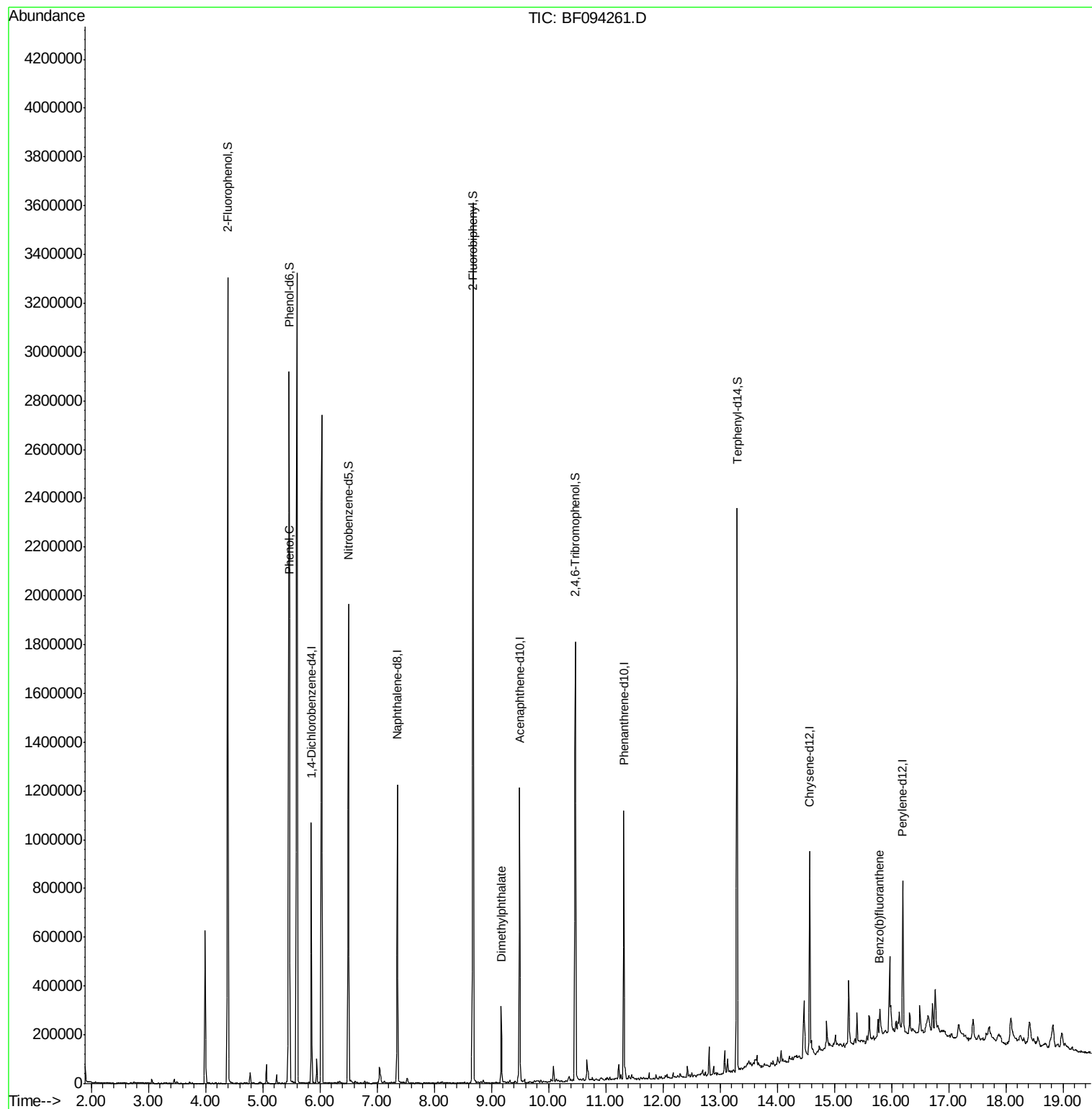
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094261.D
Acq On : 7 Apr 2017 8:44
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Sample : I2542-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

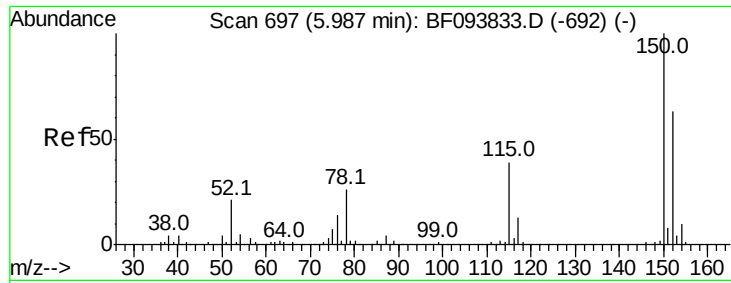
Instrument :
BNA_F
ClientSampleId :
COMP-5

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#1

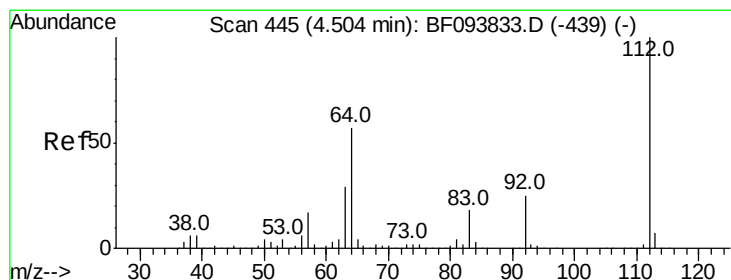
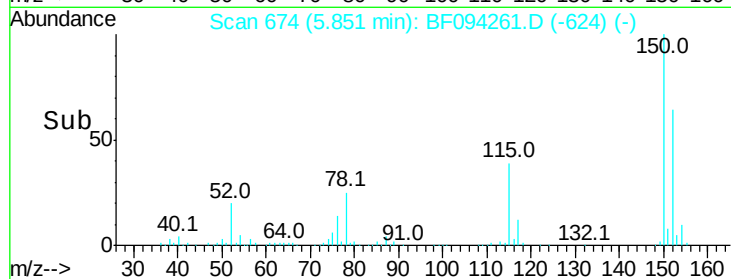
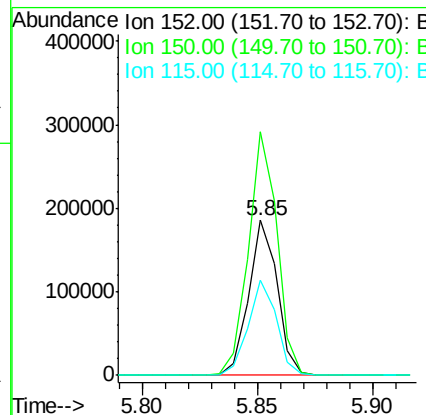
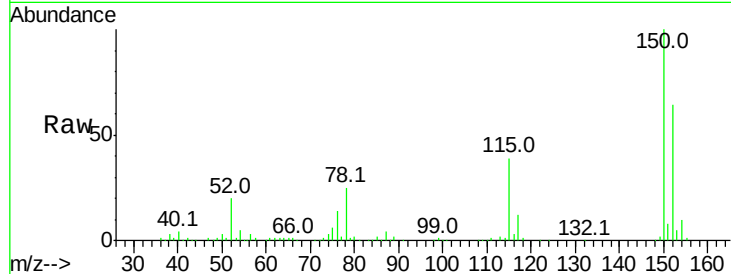
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	61.4	52.2	78.2

Manual Integrations
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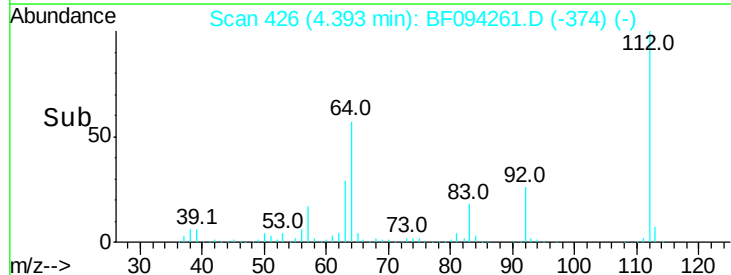
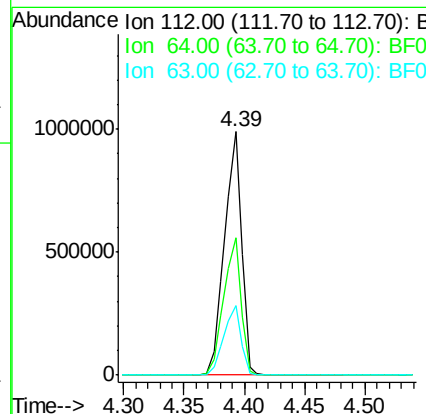
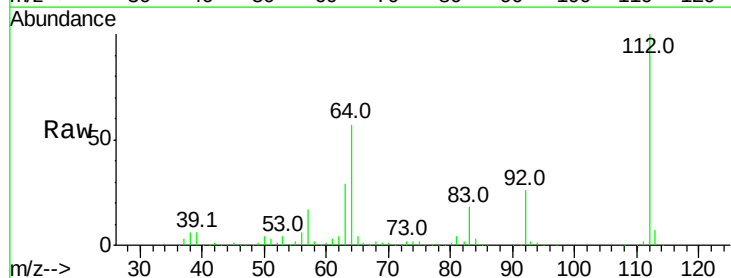
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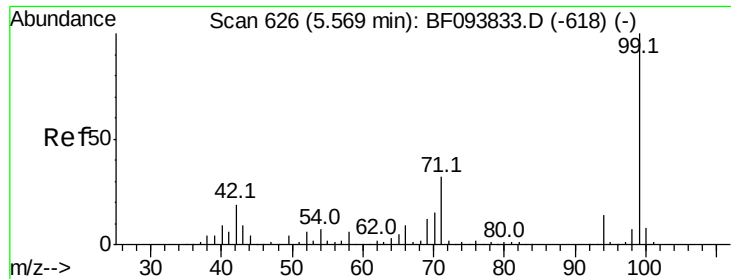


#5

2-Fluorophenol
Concen: 101.87 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	28.6	23.4	35.0





#7

Phenol-d6

Concen: 105.53 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094261.D

Acq: 7 Apr 2017 8:44

Instrument :

BNA_F

ClientSampled :

COMP-5

Tot Ion: 99 Resp: 1241491

Ion Ratio Lower Upper

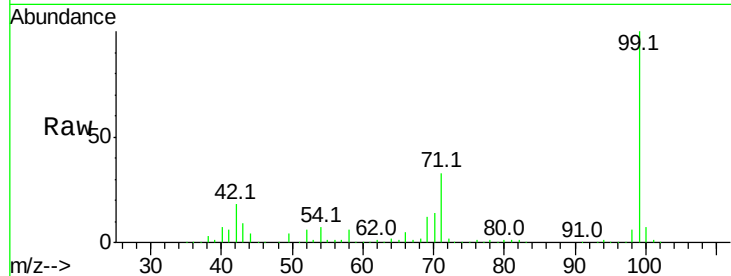
99 100

42 17.9 13.5 20.3

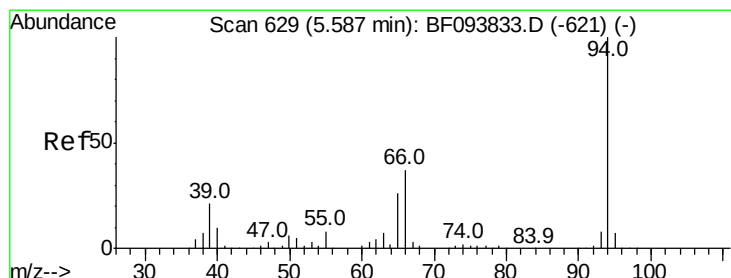
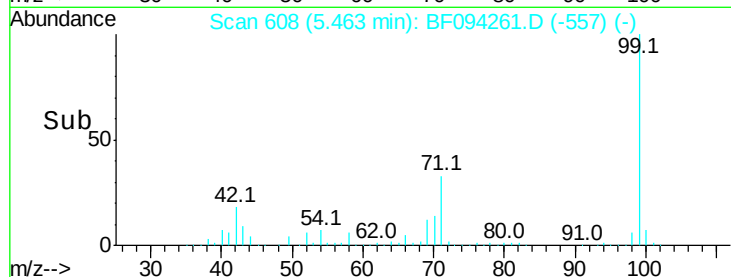
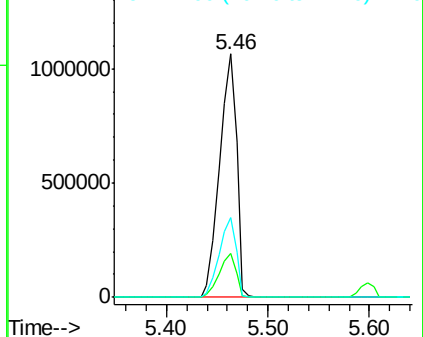
71 32.6 24.5 36.7

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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



#10

Phenol

Concen: 6.79 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094261.D

Acq: 7 Apr 2017 8:44

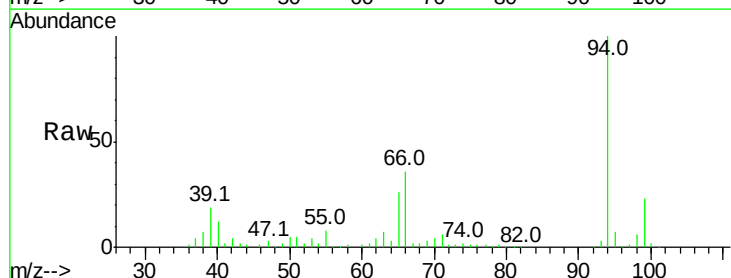
Tgt Ion: 94 Resp: 90836

Ion Ratio Lower Upper

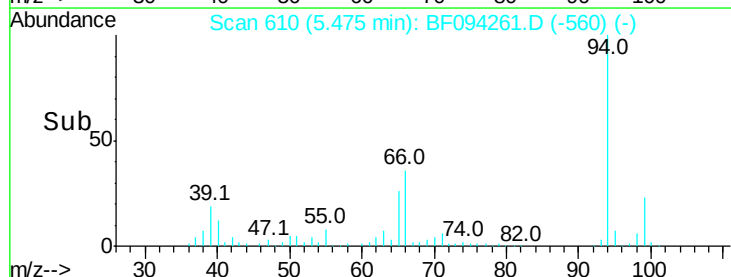
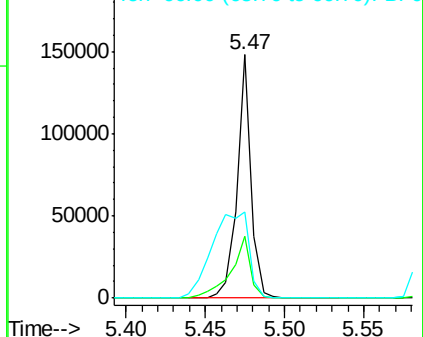
94 100

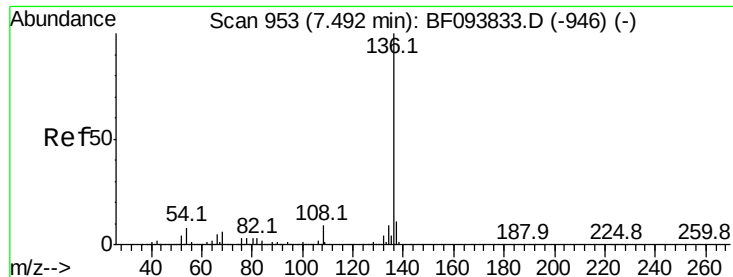
65 25.6 9.9 49.9

66 35.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





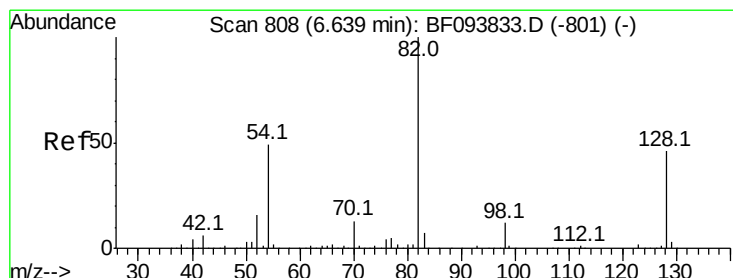
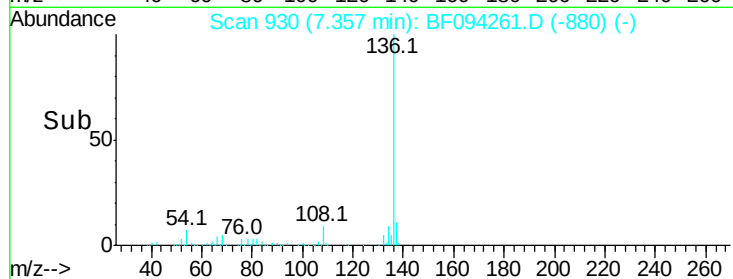
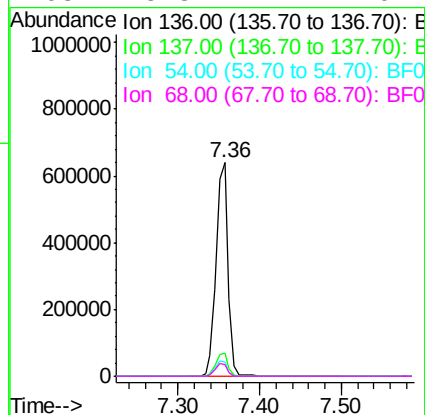
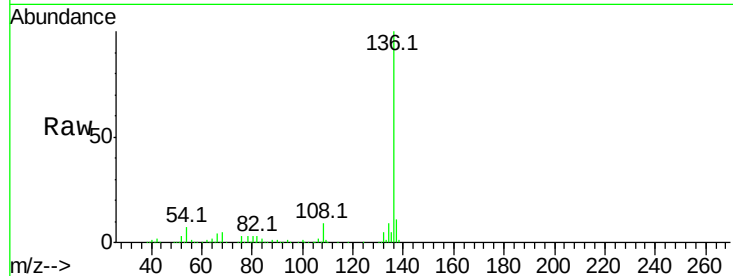
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Instrument :
BNA_F
ClientSampled :
COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	652057		
137	10.6		8.5	12.7
54	6.7		4.9	7.3
68	5.3		4.1	6.1

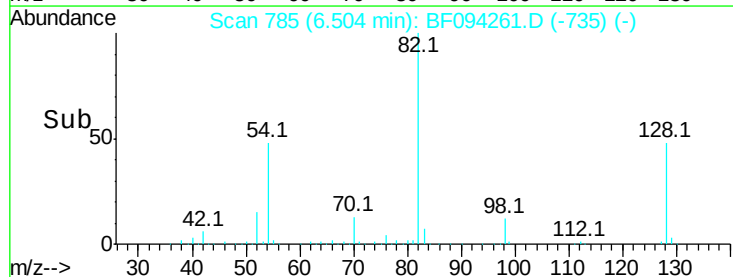
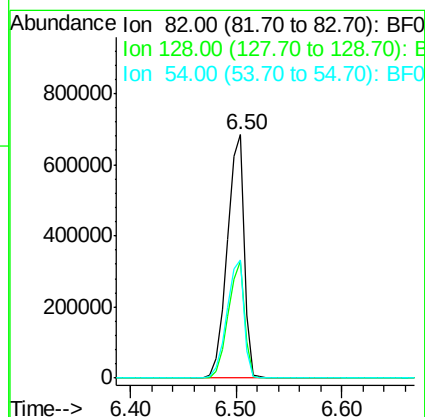
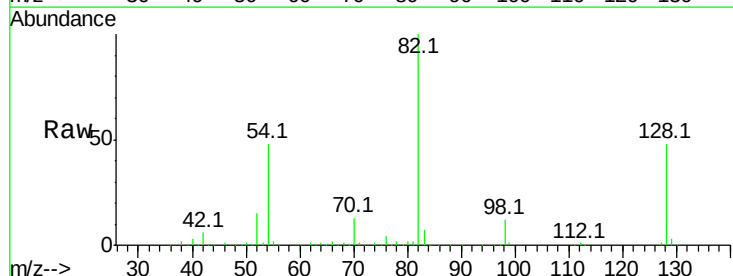
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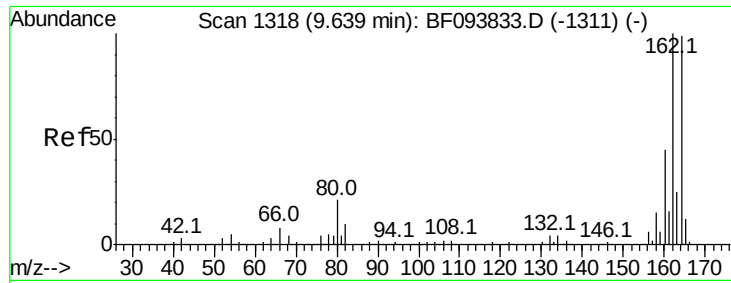
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#23
Nitrobenzene-d5
Concen: 66.60 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	761009		
128	47.8		34.0	51.0
54	48.5		42.2	63.2





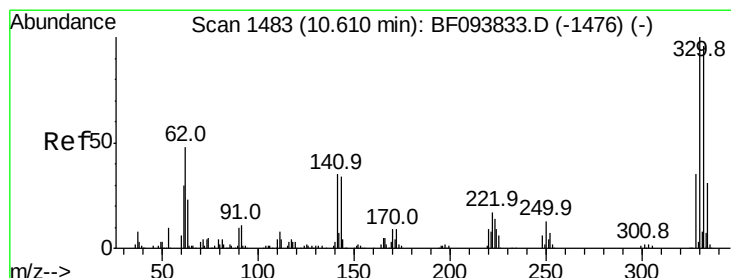
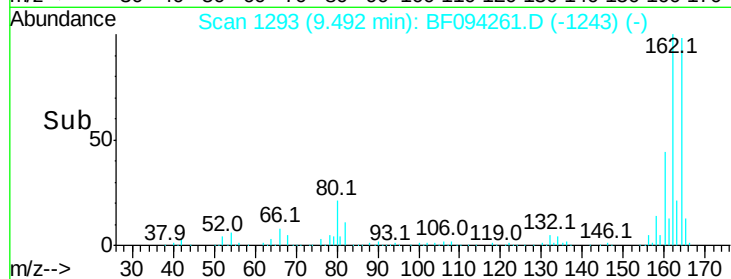
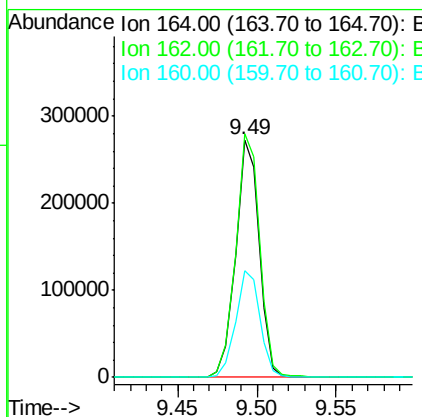
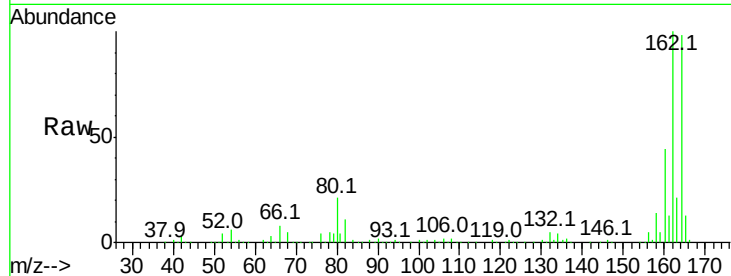
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094261.D
 Acq: 7 Apr 2017 8:44

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	279878		
162	102.6	82.6	123.8	
160	44.9	36.2	54.2	

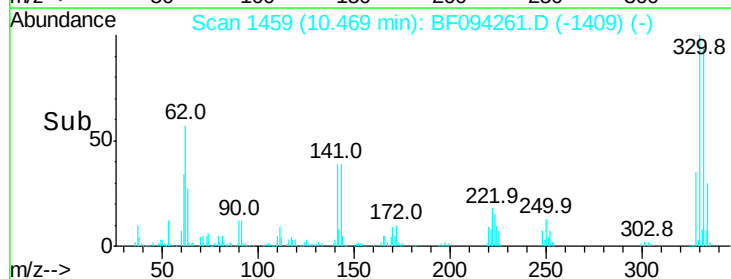
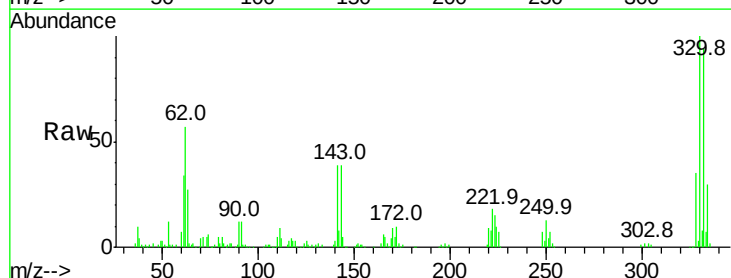
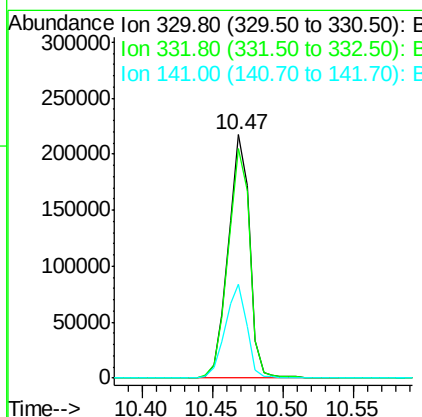
Manual Integrations
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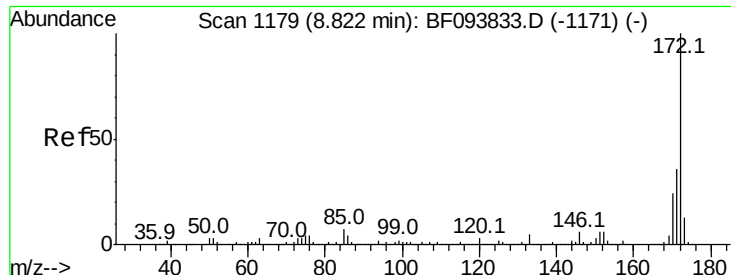
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#41
 2,4,6-Tribromophenol
 Concen: 103.74 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094261.D
 Acq: 7 Apr 2017 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	229426		
332	96.4	76.6	115.0	
141	39.4	31.4	47.2	





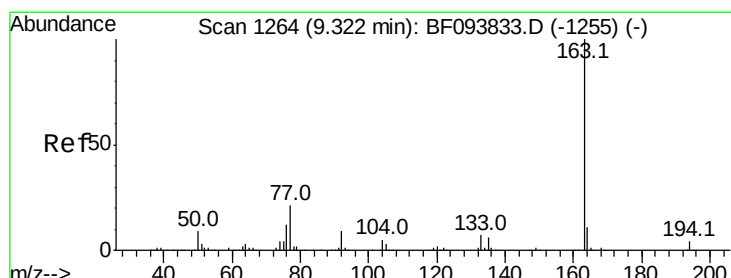
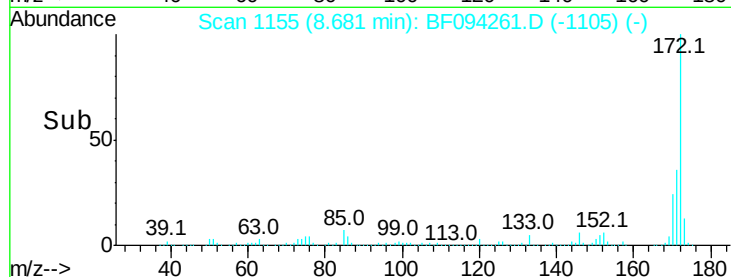
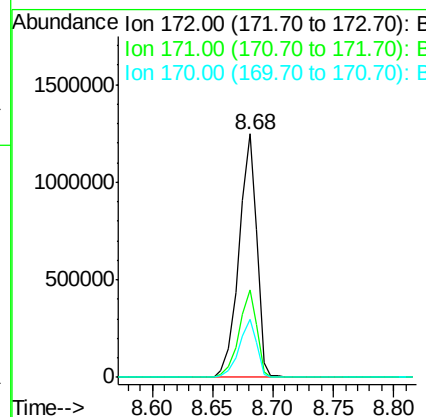
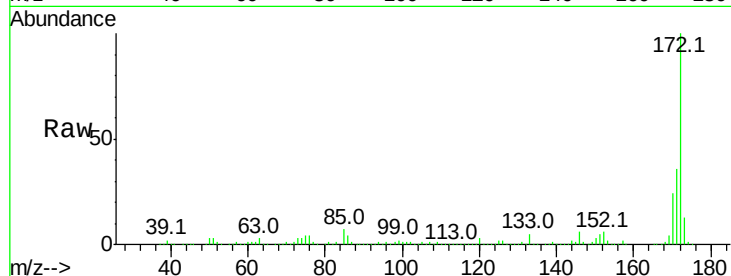
#44
2-Fluorobiphenyl
Concen: 70.28 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

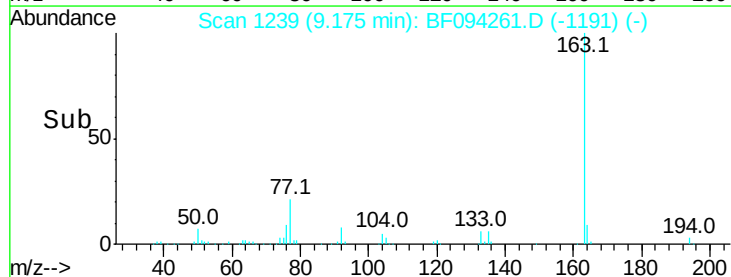
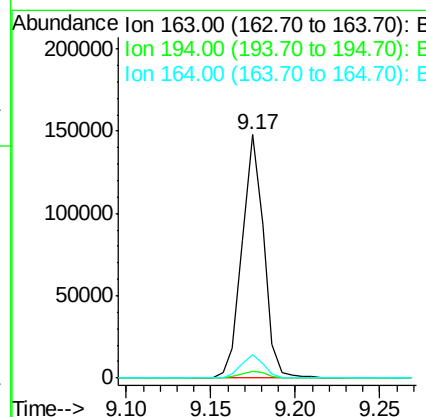
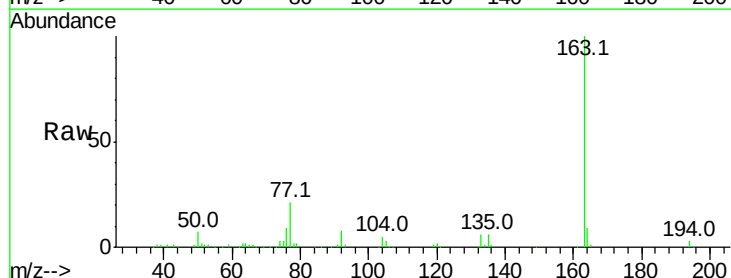
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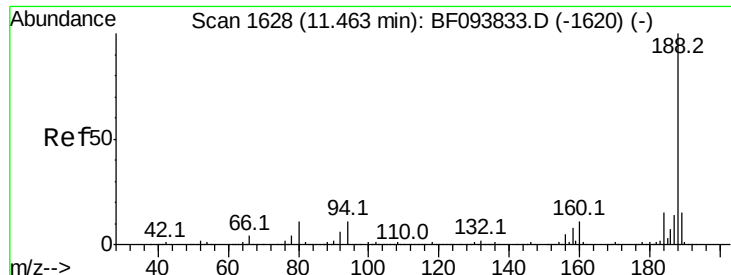
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#49
Dimethylphthalate
Concen: 6.64 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094261.D
Acq: 7 Apr 2017 8:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.4	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094261.D

Acq: 7 Apr 2017 8:44

Instrument :

BNA_F

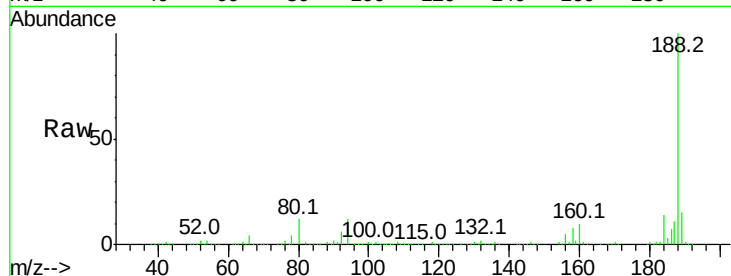
ClientSampled :

COMP-5

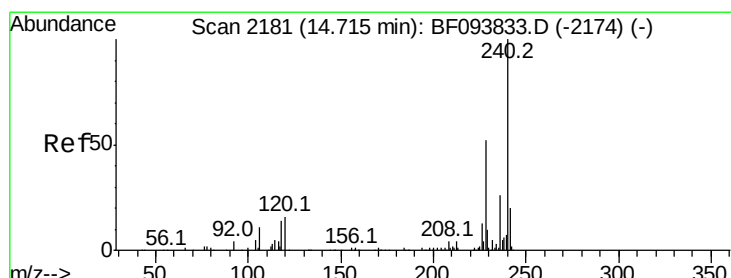
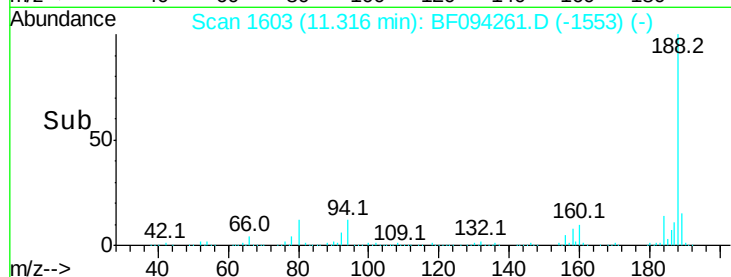
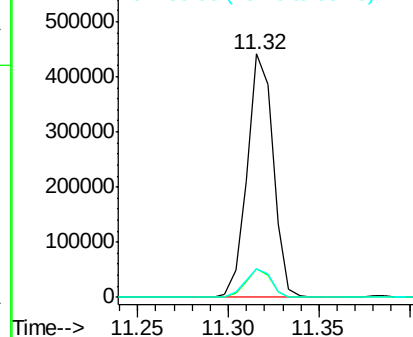
Tot Ion:	188	Resp:	441304
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	11.7	10.2	15.2

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2156

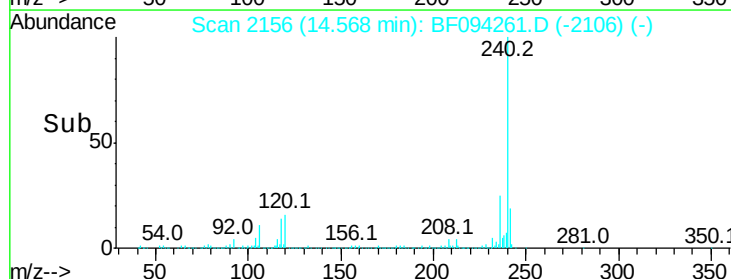
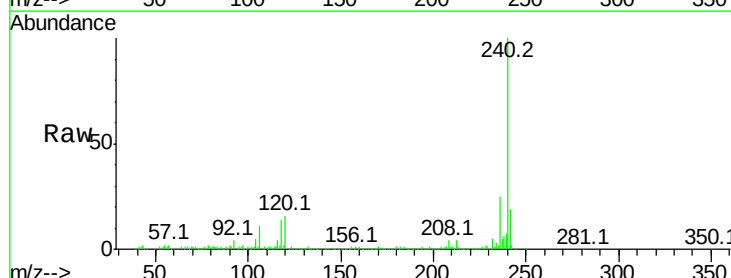
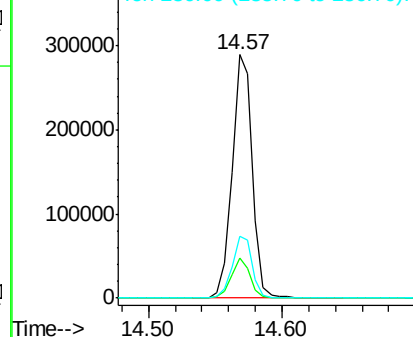
Delta R.T. -0.01 min

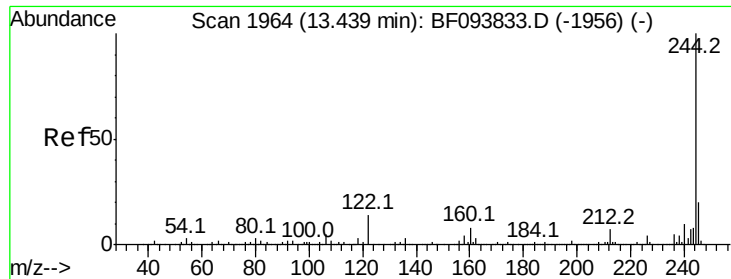
Lab File: BF094261.D

Acq: 7 Apr 2017 8:44

Tgt Ion:	240	Resp:	306545
Ion Ratio	Lower	Upper	
240	100		
120	16.3	5.8	8.8#
236	25.5	20.5	30.7

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





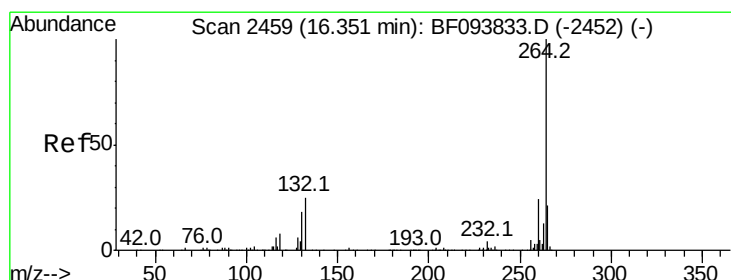
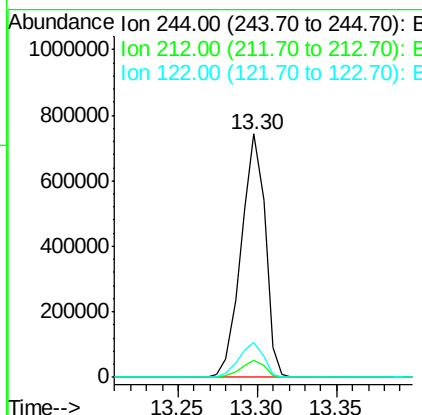
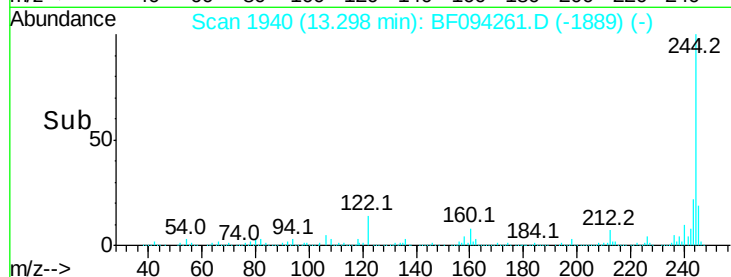
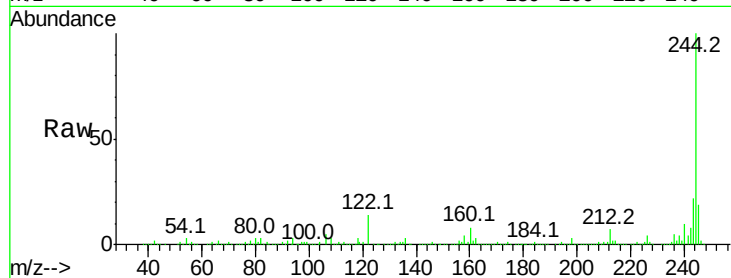
#78
 Terphenyl-d14
 Concen: 56.94 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094261.D
 Acq: 7 Apr 2017 8:44

Instrument :
 BNA_F
 ClientSampled :
 COMP-5

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	6.0	9.0
122	14.5	10.3	15.5

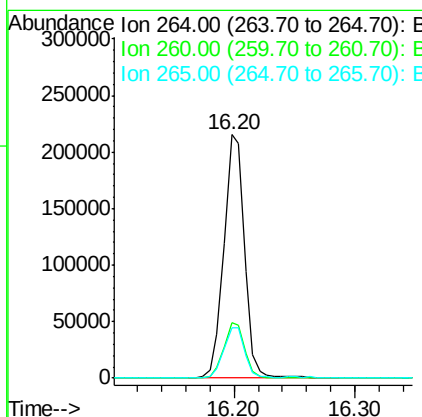
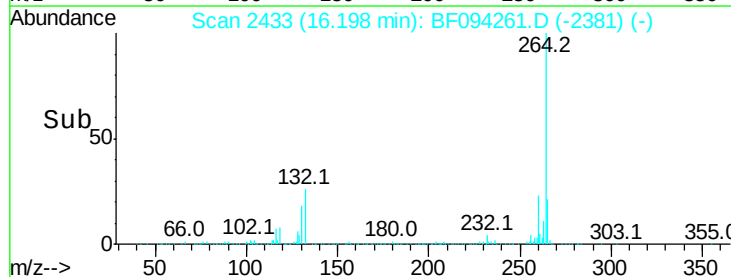
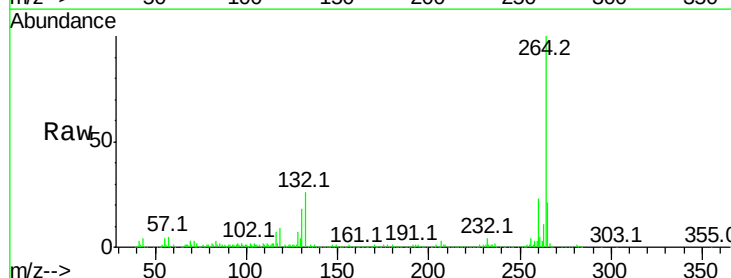
Manual Integrations
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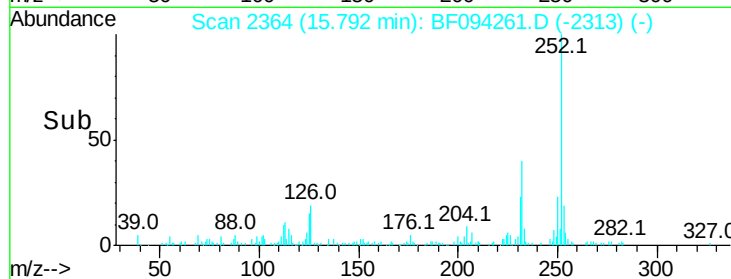
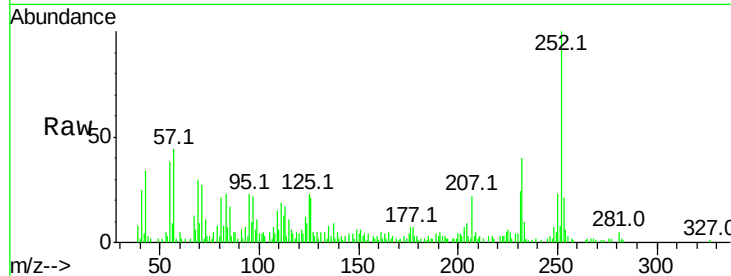
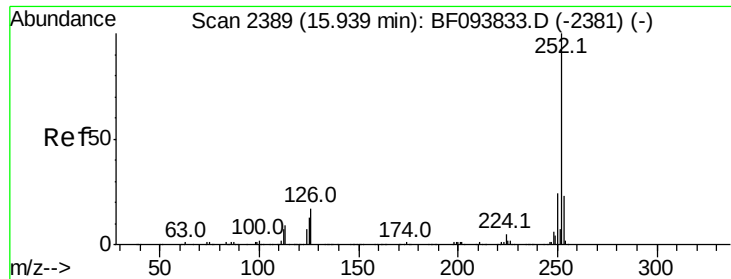
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094261.D
 Acq: 7 Apr 2017 8:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.0	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.17 ng/mL

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094261.D

Acq: 7 Apr 2017 8:44

Instrument :

BNA_F

ClientSampleId :

COMP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	22.8	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/7/2017 5:21:36 PM

