

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094258.D
 Acq On : 7 Apr 2017 7:22
 Operator : SJ/MA
 Sample : I2542-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
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 4/7/2017 5:21:29 PM

Quant Time: Apr 07 07:45:46 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	162724	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	651822	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	285790	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	450900	20.00	ng	0.00
75) Chrysene-d12	14.57	240	315086	20.00	ng	0.00
86) Perylene-d12	16.20	264	265251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1365336	141.72	ng	0.01
7) Phenol-d6	5.47	99	1753063	147.09	ng	0.00
23) Nitrobenzene-d5	6.50	82	1073688	94.00	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	310482	137.48	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1631929	87.10	ng	0.00
78) Terphenyl-d14	13.30	244	1037318	73.79	ng	0.00
Target Compounds						
10) Phenol	5.48	94	117806	8.69	ng	85
49) Dimethylphthalate	9.17	163	204364	10.06	ng	99
74) Fluoranthene	12.81	202	91365	3.56	ng	99
77) Pyrene	13.09	202	74786	3.27	ng	99
87) Benzo(b)fluoranthene	15.79	252	33925m	2.09	ng	

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

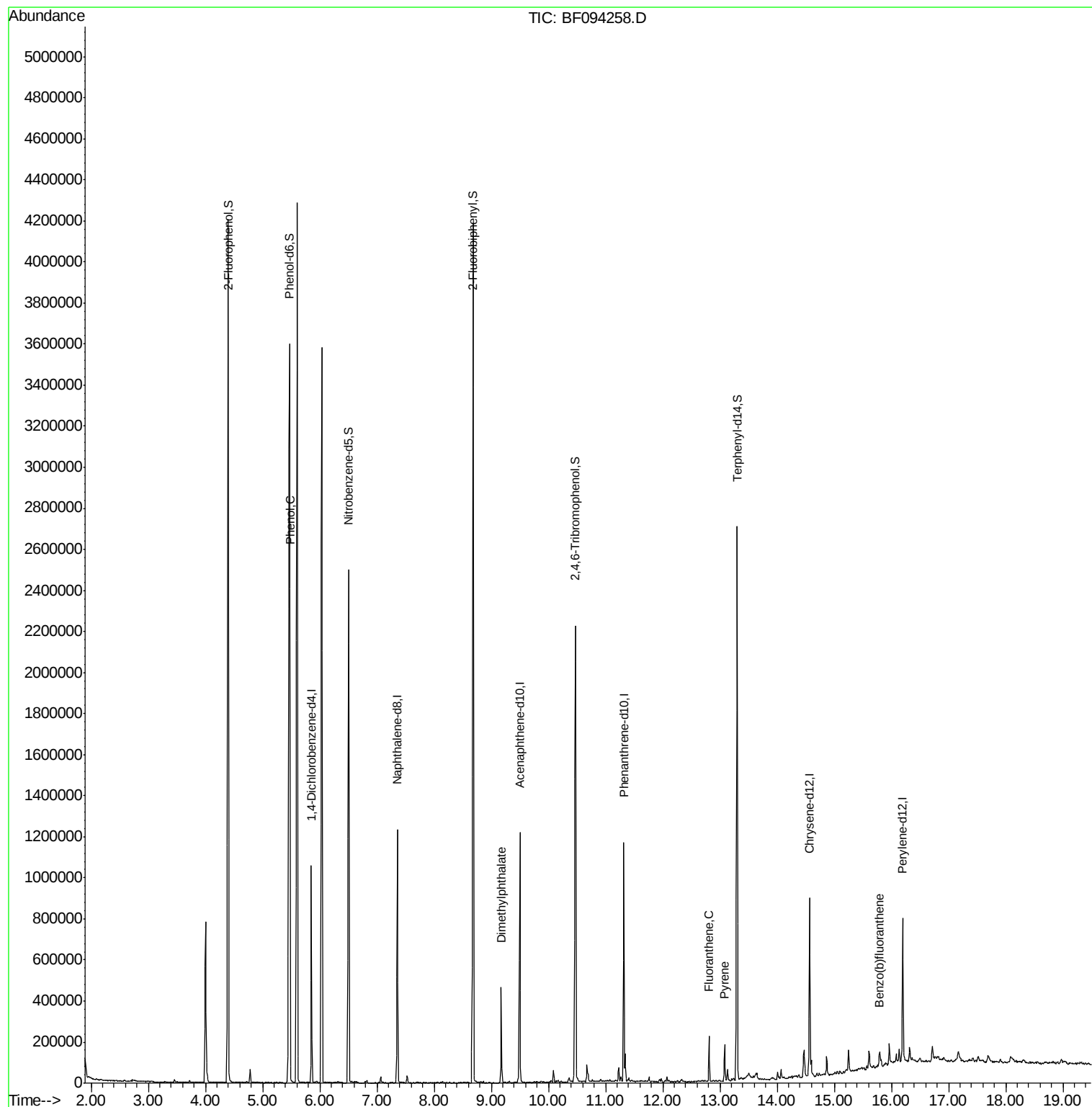
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094258.D
Acq On : 7 Apr 2017 7:22
Operator : SJ/MA
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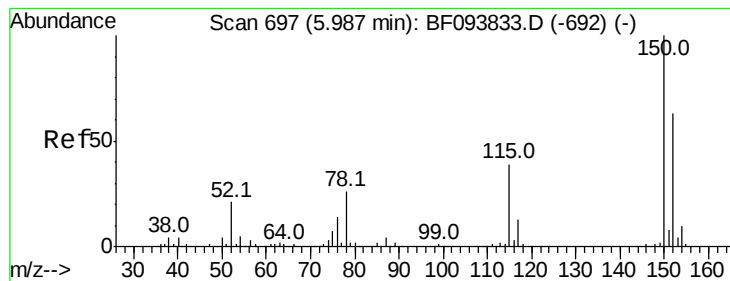
Instrument :
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ClientSampleId :
COMP-2

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#1

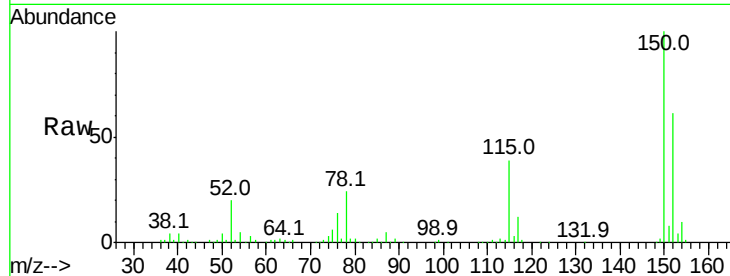
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleId :
COMP-2

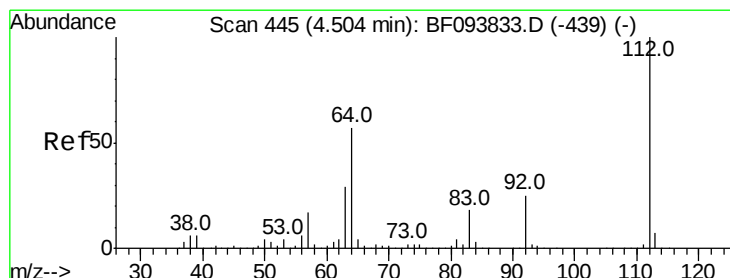
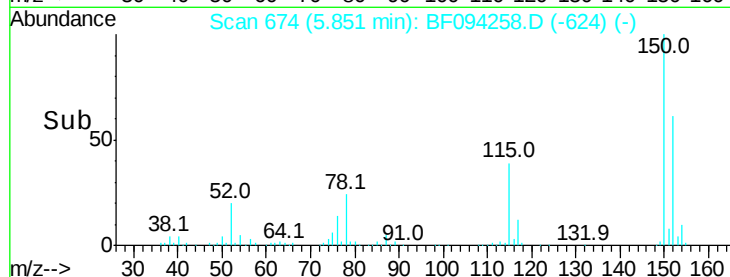
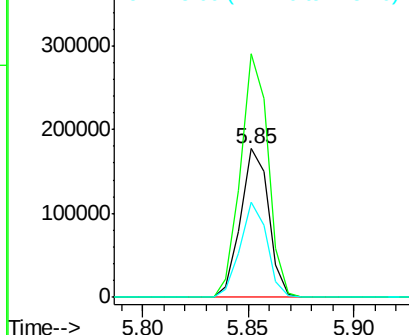
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.2	189.2
115	63.9	52.2	78.2

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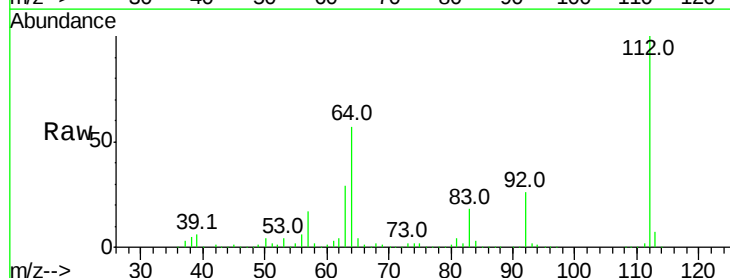
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



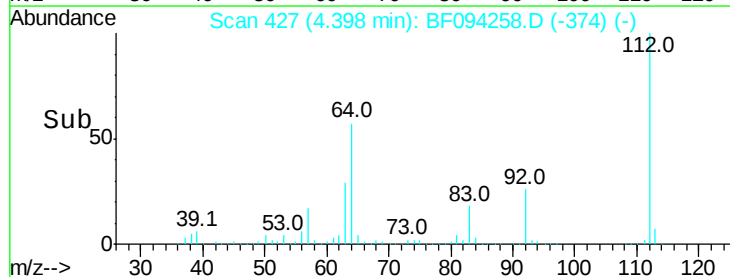
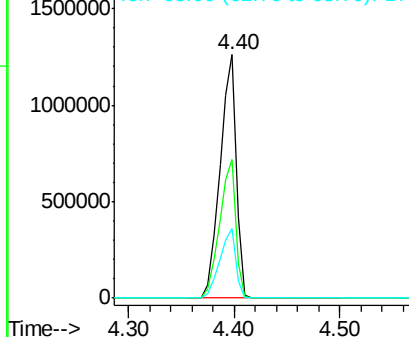
#5

2-Fluorophenol
Concen: 141.72 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	28.8	23.4	35.0



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: 147.09 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094258.D

Acq: 7 Apr 2017 7:22

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tot Ion: 99 Resp: 1753063

Ion Ratio Lower Upper

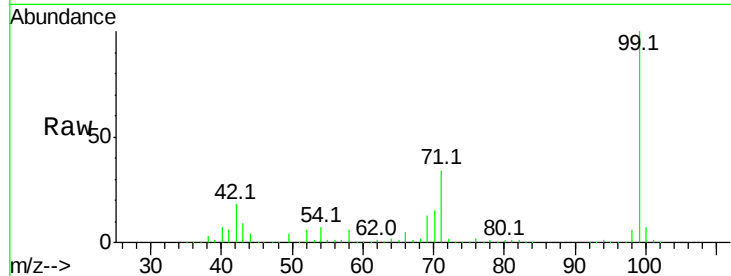
99 100

42 18.0 13.5 20.3

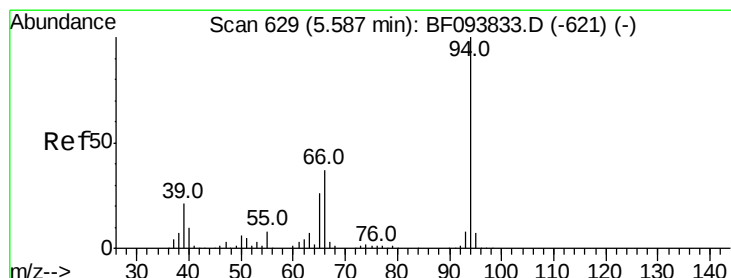
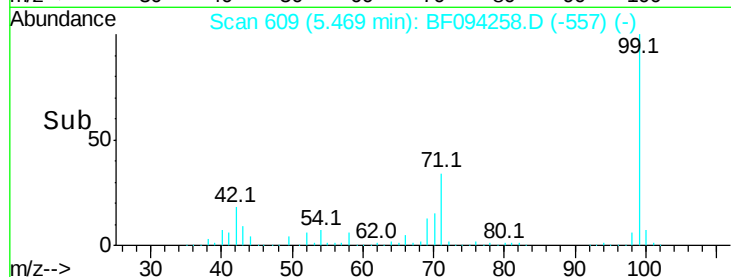
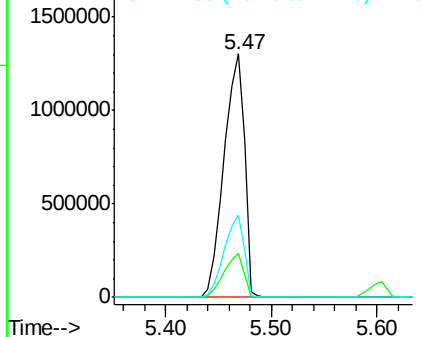
71 33.7 24.5 36.7

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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: 8.69 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094258.D

Acq: 7 Apr 2017 7:22

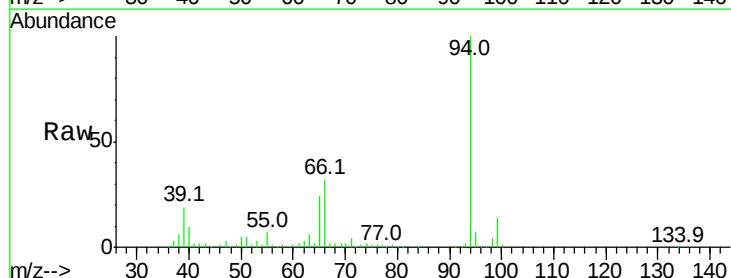
Tgt Ion: 94 Resp: 117806

Ion Ratio Lower Upper

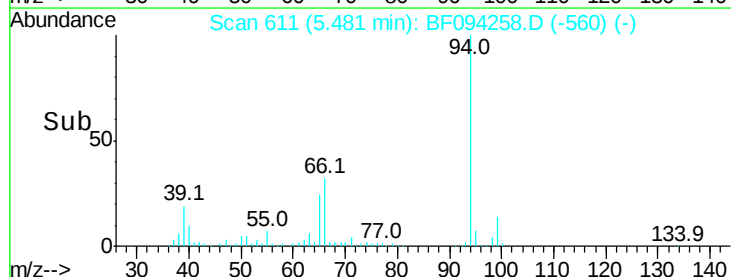
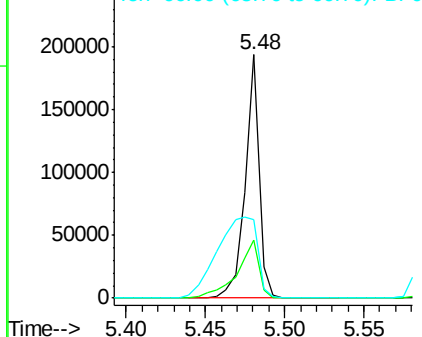
94 100

65 24.1 9.9 49.9

66 32.1 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





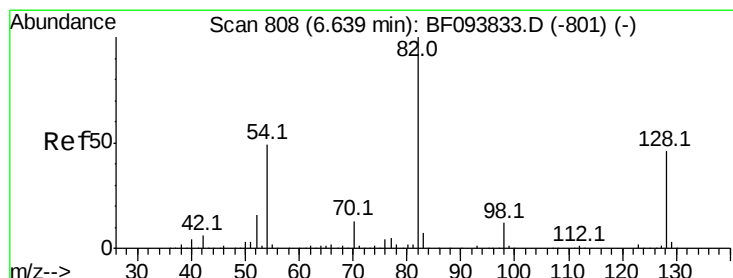
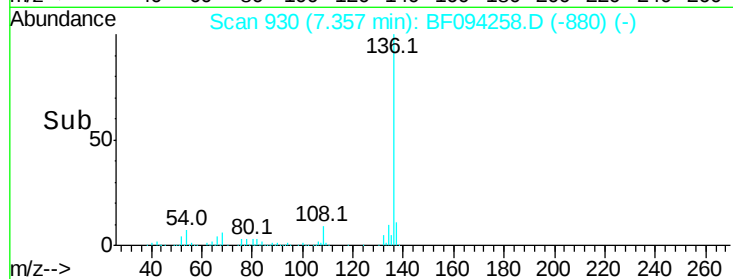
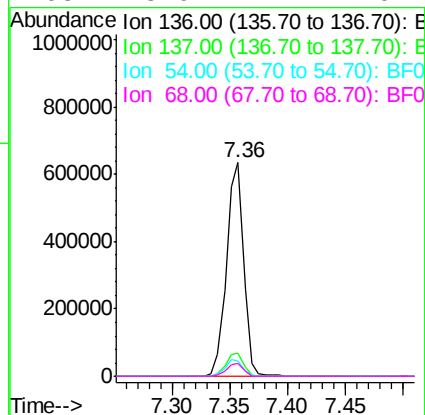
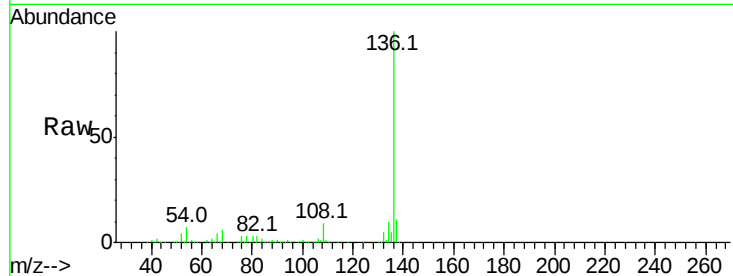
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleID :
COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	651822		
137	10.8		8.5	12.7
54	7.1		4.9	7.3
68	5.9		4.1	6.1

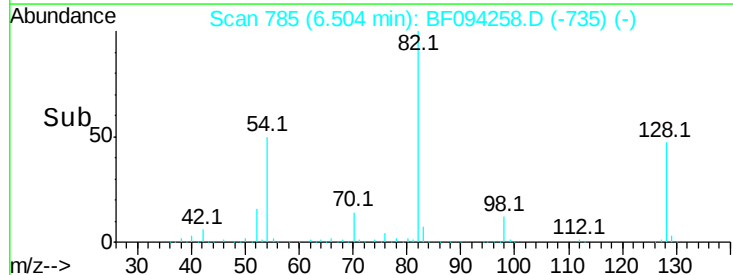
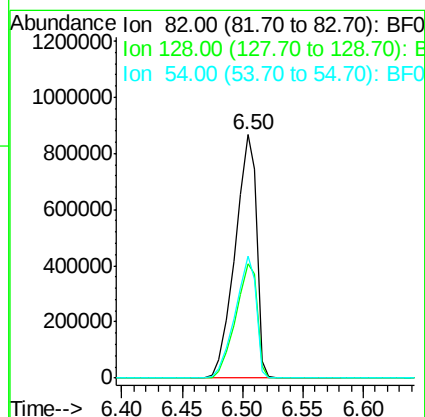
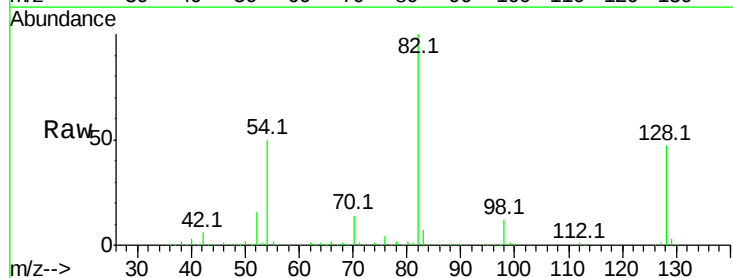
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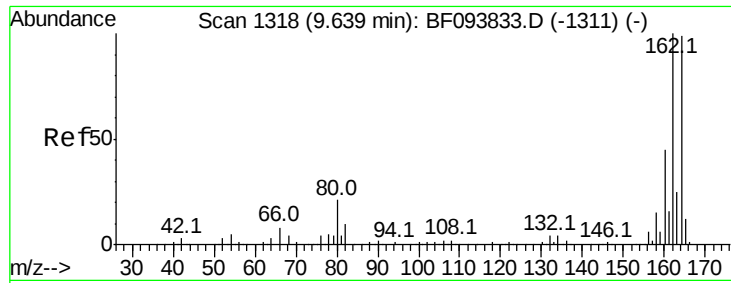
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#23
Nitrobenzene-d5
Concen: 94.00 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1073688		
128	47.0		34.0	51.0
54	49.9		42.2	63.2





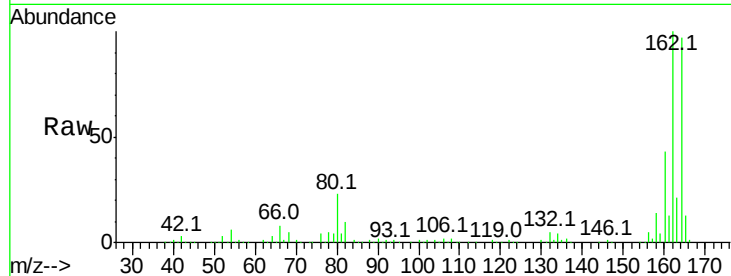
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleId :
COMP-2

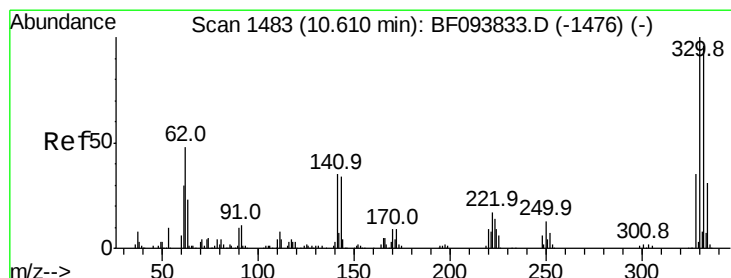
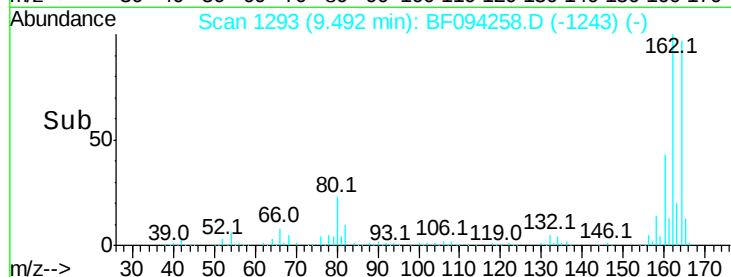
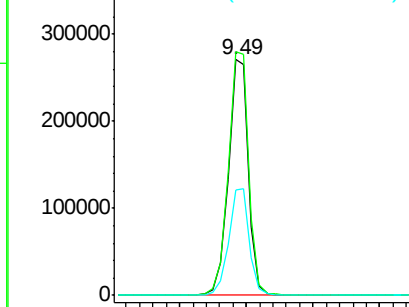
Tot Ion	Ratio	Resp	Lower	Upper
164	100	285790		
162	103.3	82.6	123.8	
160	44.7	36.2	54.2	

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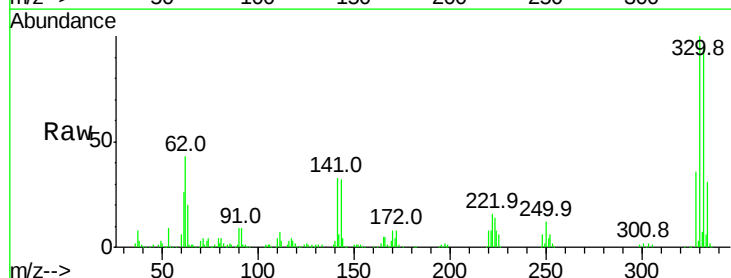


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

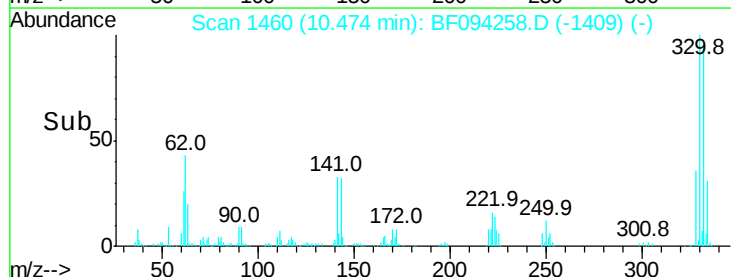
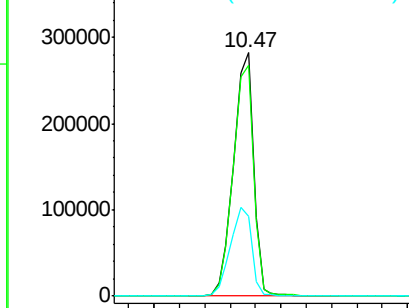


#41
2,4,6-Tribromophenol
Concen: 137.48 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	310482		
332	96.6	76.6	115.0	
141	38.7	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





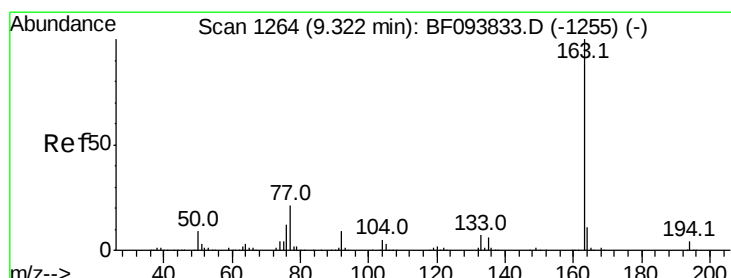
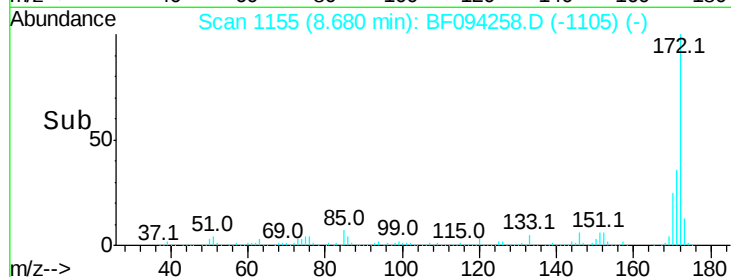
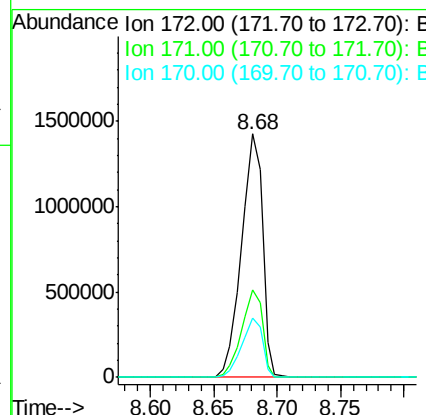
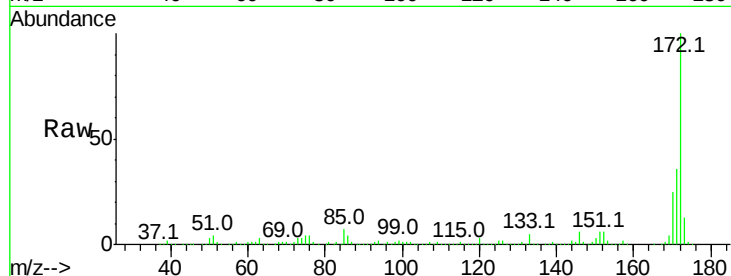
#44
2-Fluorobiphenyl
Concen: 87.10 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8

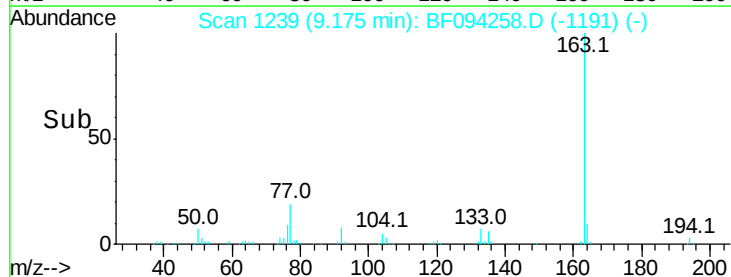
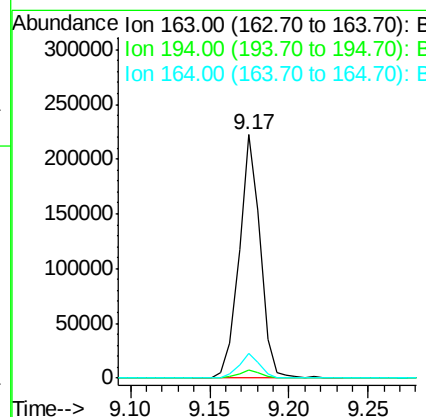
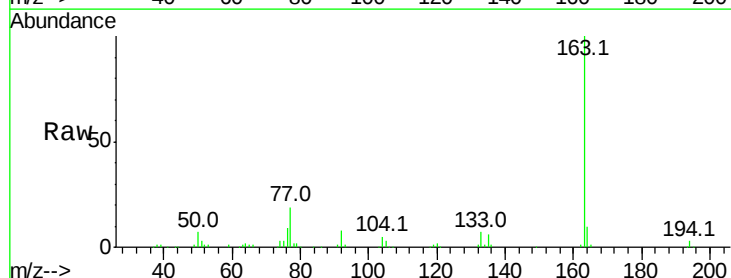
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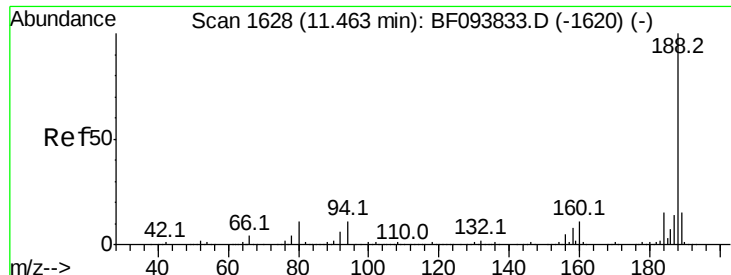
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#49
Dimethylphthalate
Concen: 10.06 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6





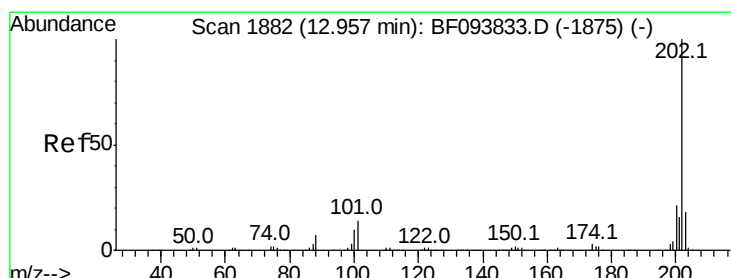
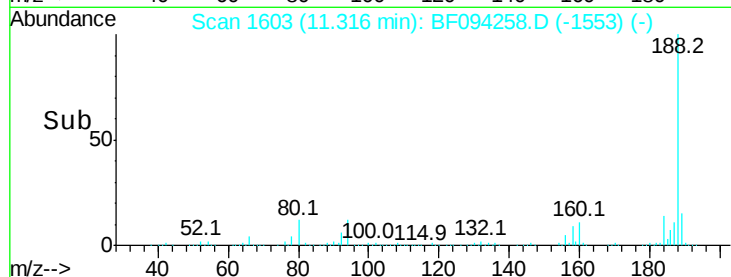
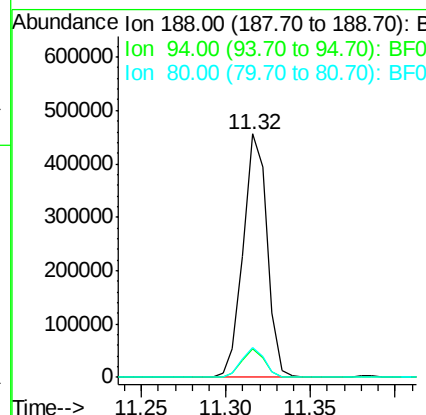
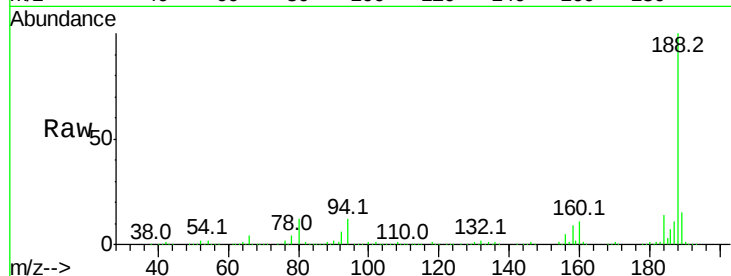
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	450900		
94	11.5		9.4	14.2
80	12.4		10.2	15.2

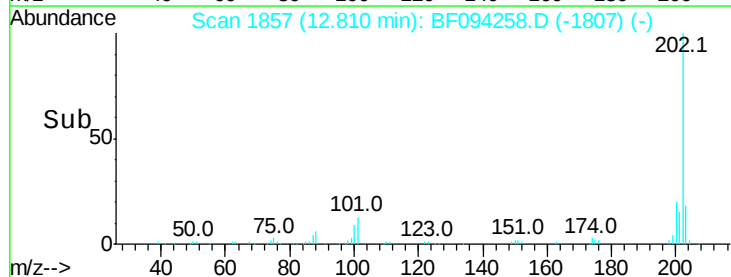
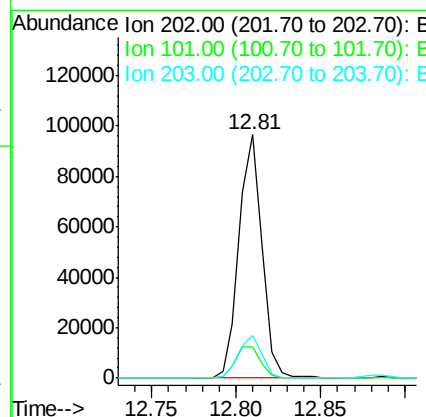
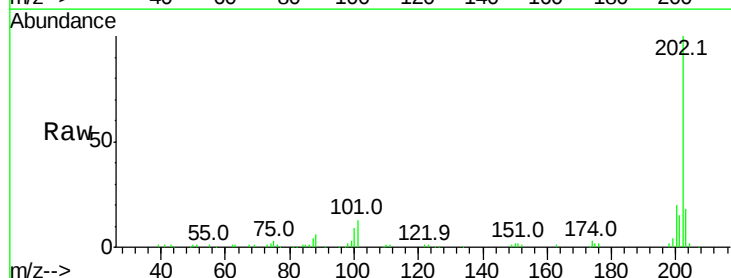
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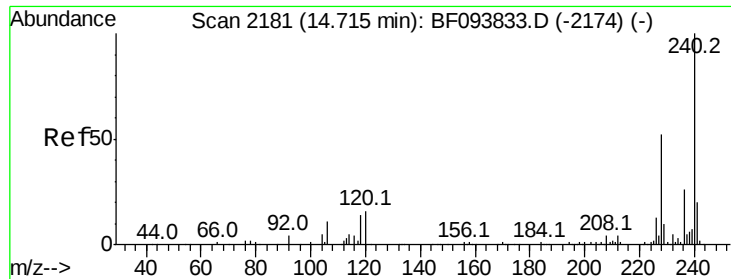
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#74
Fluoranthene
Concen: 3.56 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF094258.D
Acq: 7 Apr 2017 7:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	91365		
101	13.0		0.0	33.2
203	17.6		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094258.D

Acq: 7 Apr 2017 7:22

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tot Ion:240 Resp: 315086

Ion Ratio Lower Upper

240 100

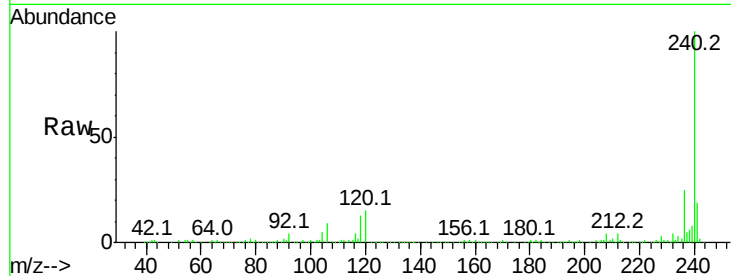
120 15.0 5.8 8.8#

236 25.1 20.5 30.7

Manual Integrations
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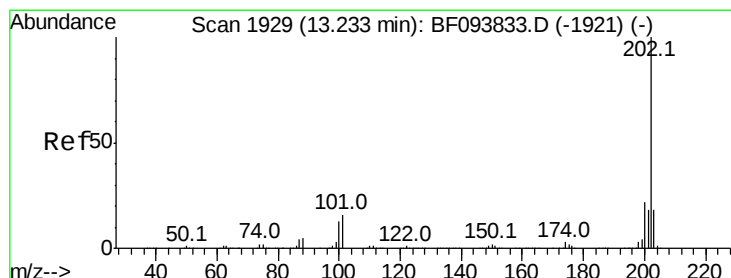
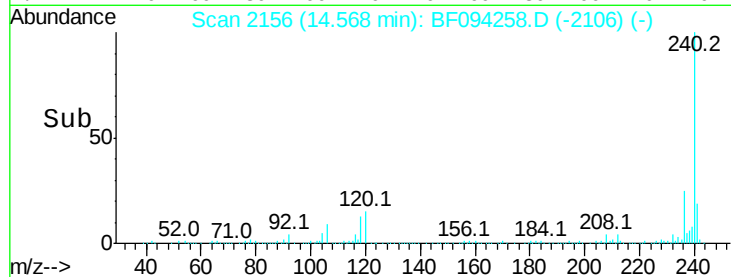
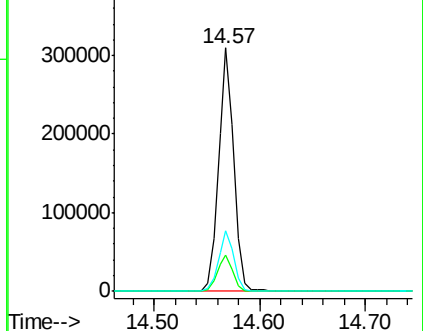
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.27 ng

RT: 13.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF094258.D

Acq: 7 Apr 2017 7:22

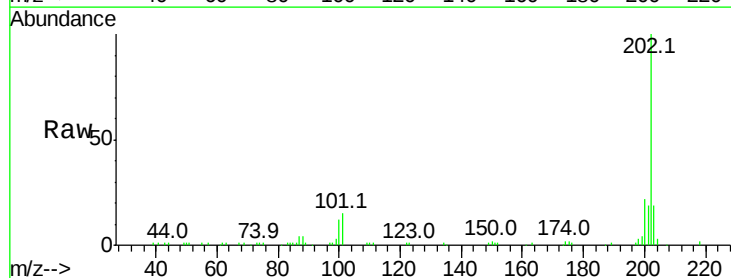
Tgt Ion:202 Resp: 74786

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

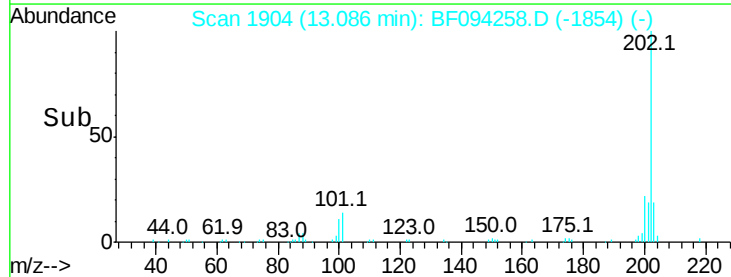
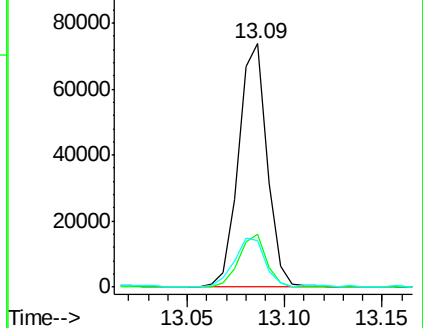
203 19.1 14.4 21.6

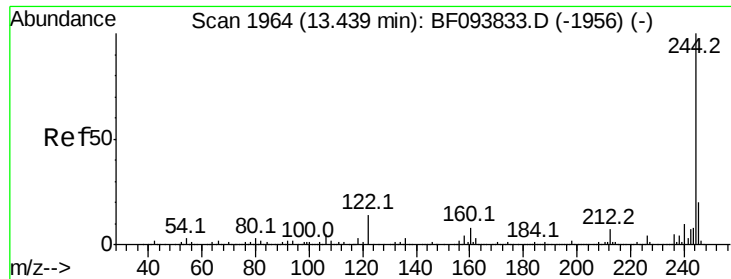


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





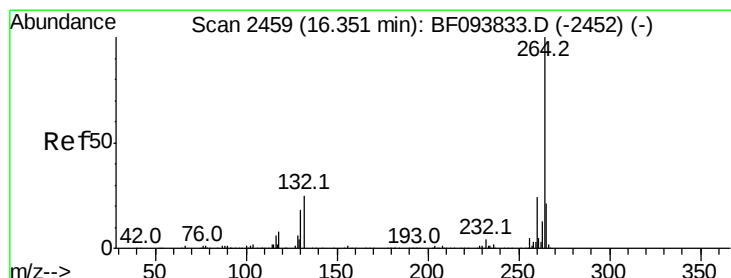
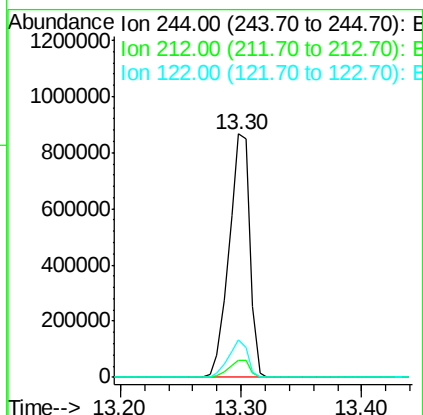
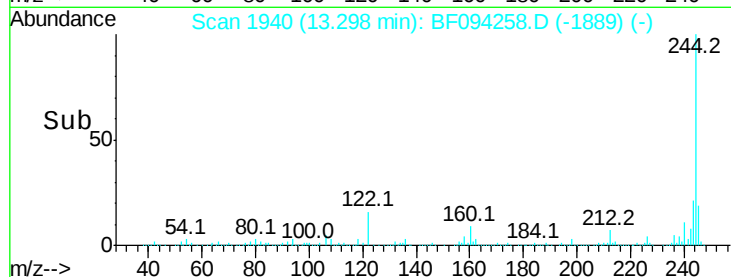
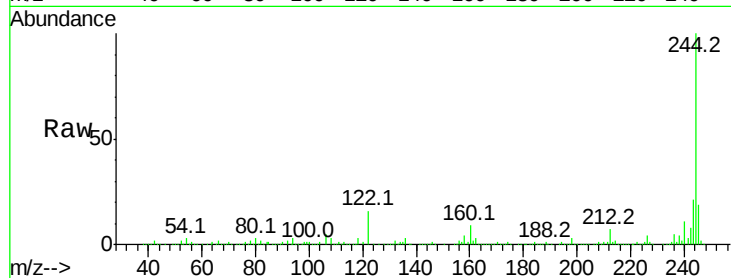
#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094258.D
 Acq: 7 Apr 2017 7:22

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tot Ion:244 Resp: 1037318
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.7 10.3 15.5#

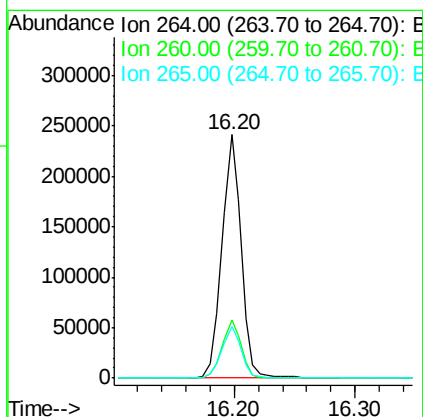
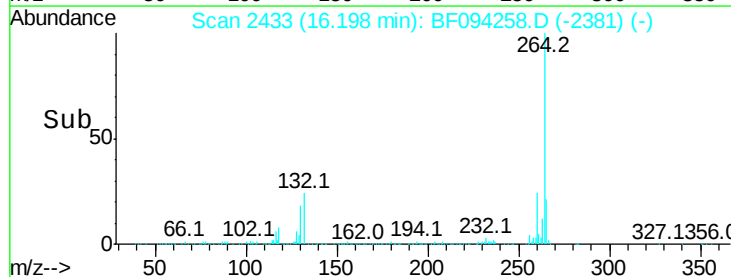
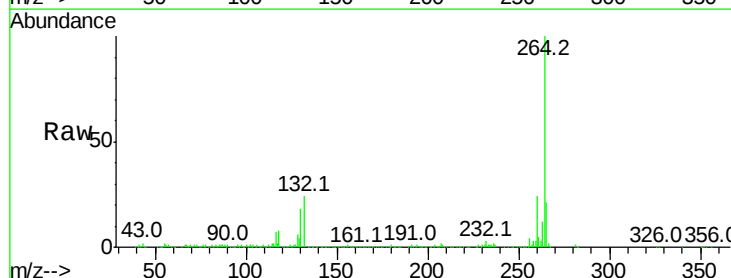
Manual Integrations
 APPROVED

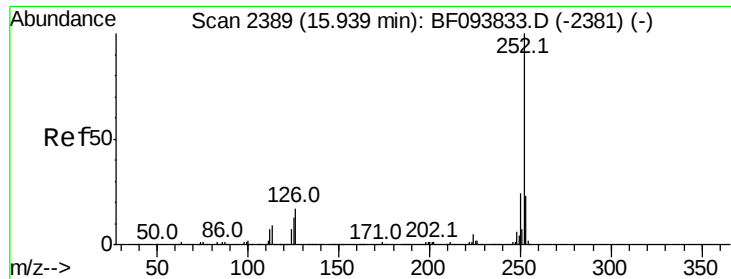
mohammad
 4/7/2017 5:21:29 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094258.D
 Acq: 7 Apr 2017 7:22

Tgt Ion:264 Resp: 265251
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.09 ng m

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094258.D

Acq: 7 Apr 2017 7:22

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	16.6	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/7/2017 5:21:29 PM

