

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094102.D
 Acq On : 31 Mar 2017 18:02
 Operator : SJ/MA
 Sample : I2463-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

Manual Integrations
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Quant Time: Apr 01 00:18:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	186370	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	753078	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	338208	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	564718	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	385423	20.00	ng	-0.01
86) Perylene-d12	16.24	264	284578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1441379	130.63	ng	0.01
7) Phenol-d6	5.51	99	1850519	135.56	ng	0.00
23) Nitrobenzene-d5	6.55	82	1190279	90.20	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	339293	126.95	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1872716	84.46	ng	0.00
78) Terphenyl-d14	13.35	244	1214901	70.65	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.22	163	107678	4.48	ng	98
70) Phenanthrene	11.39	178	90561	2.88	ng	97
74) Fluoranthene	12.86	202	104234	3.24	ng	99
77) Pyrene	13.13	202	98908	3.54	ng	97
82) Chrysene	14.64	228	44466	2.13	ng	# 91
87) Benzo(b)fluoranthene	15.84	252	38108m	2.18	ng	

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

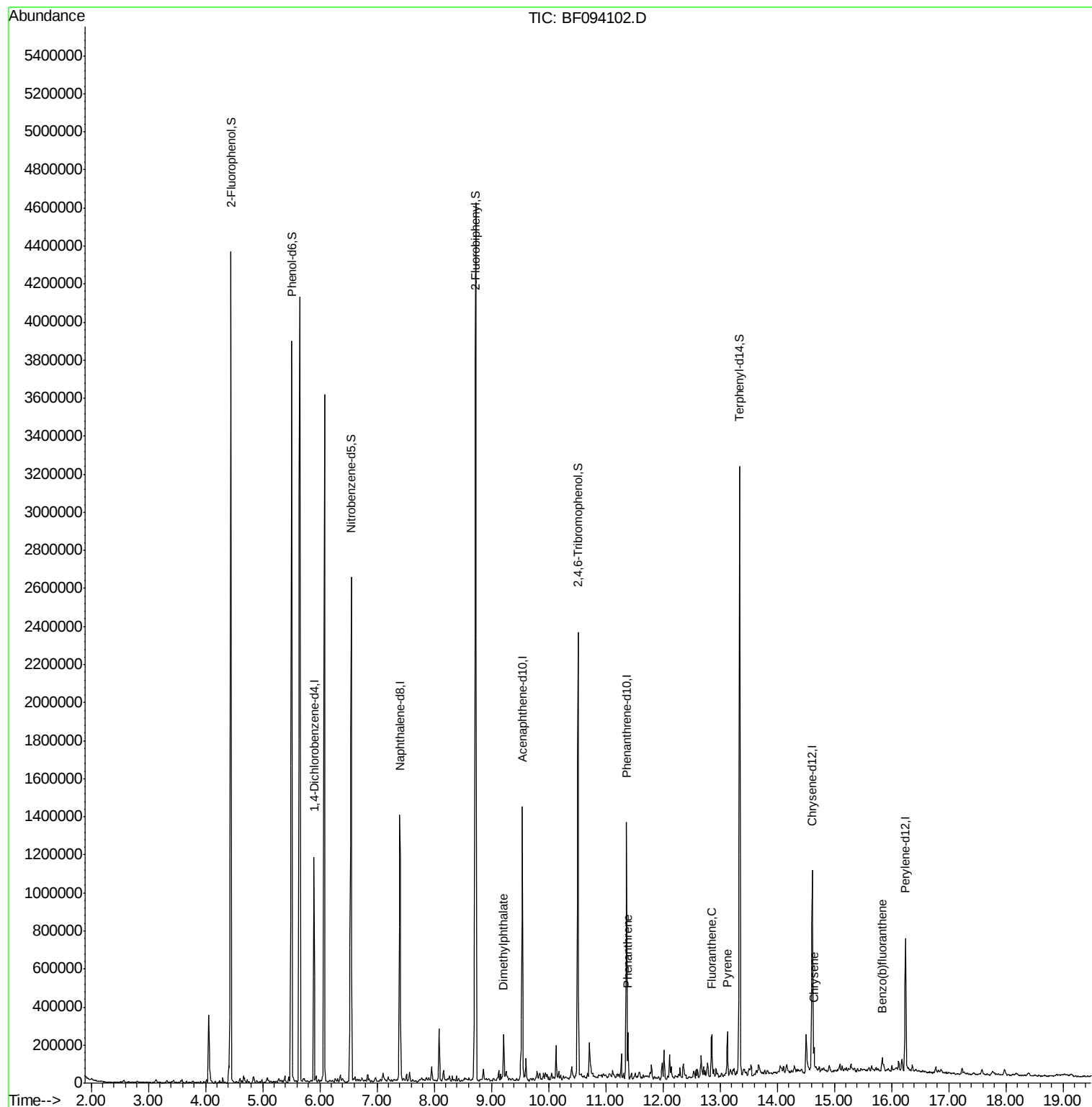
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094102.D
Acq On : 31 Mar 2017 18:02
Operator : SJ/MA
Sample : I2463-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

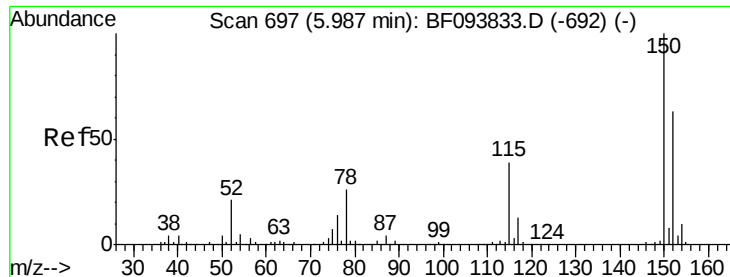
Instrument :
BNA_F
ClientSampleId :
E2-Q12-BASE

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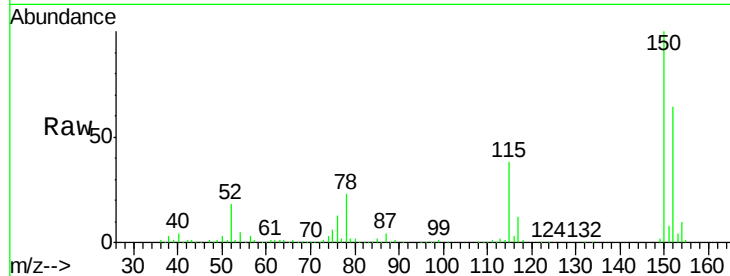
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	60.6	52.2	78.2

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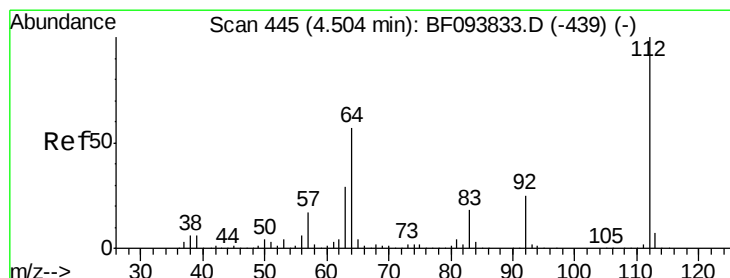
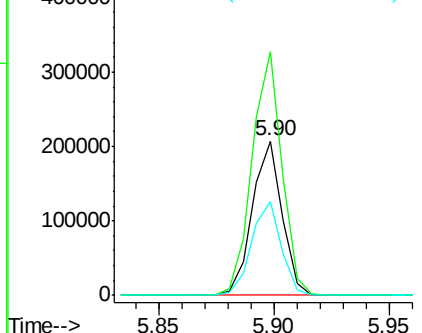
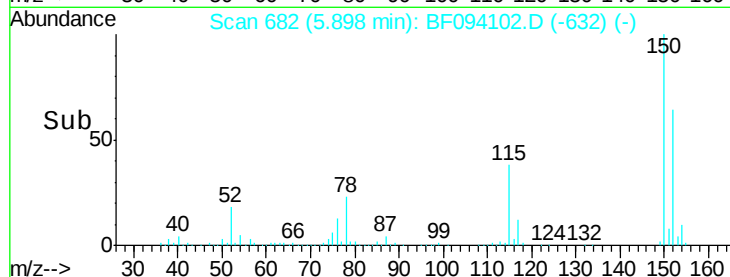


Abundance

Ion 152.00 (151.70 to 152.70): E

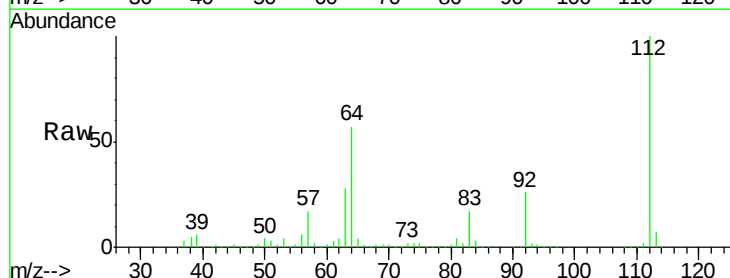
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 130.63 ng
 RT: 4.45 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	28.5	23.4	35.0

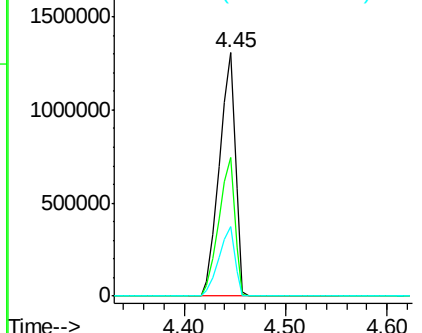
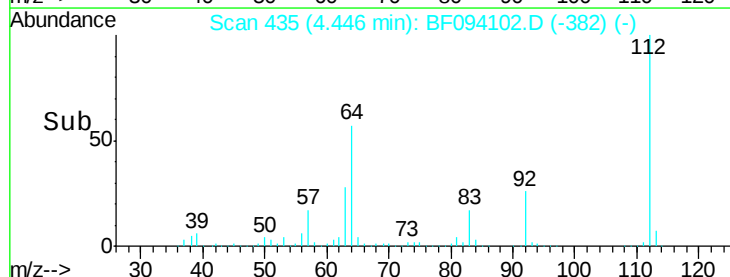


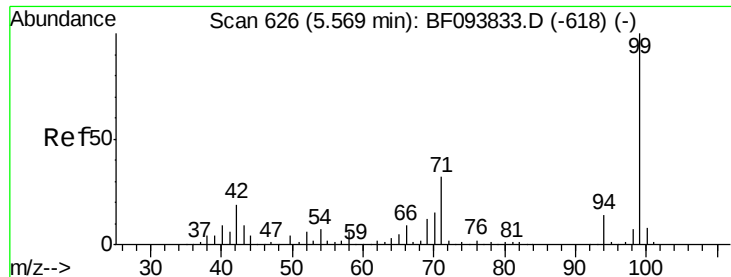
Abundance

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: 135.56 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF094102.D

Acq: 31 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

E2-Q12-BASE

Tot Ion: 99 Resp: 1850519

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

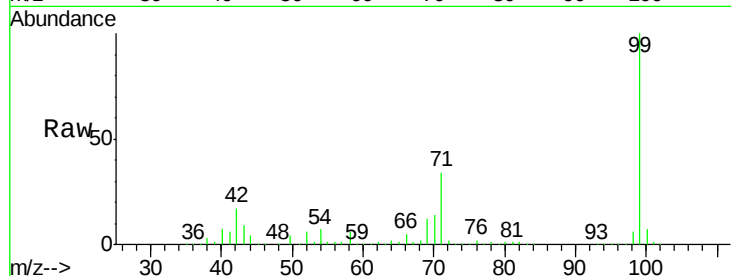
71 34.3 24.5 36.7

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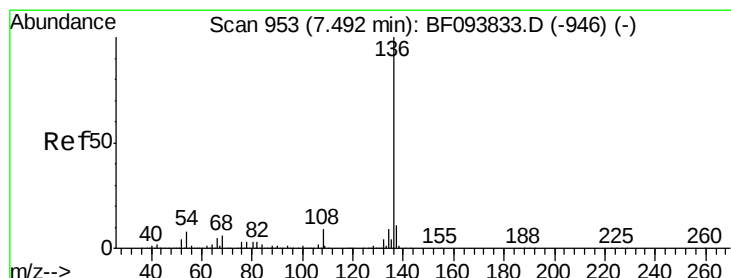
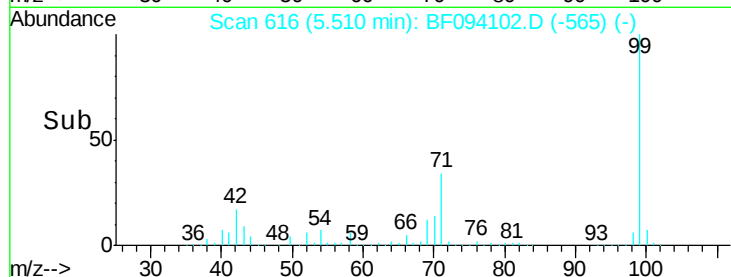
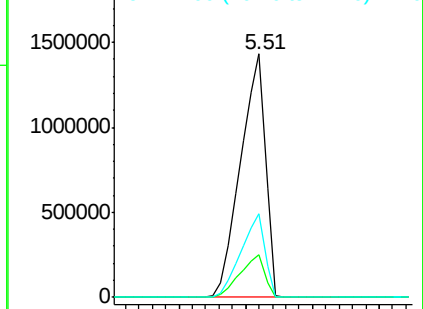
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094102.D

Acq: 31 Mar 2017 18:02

Tgt Ion: 136 Resp: 753078

Ion Ratio Lower Upper

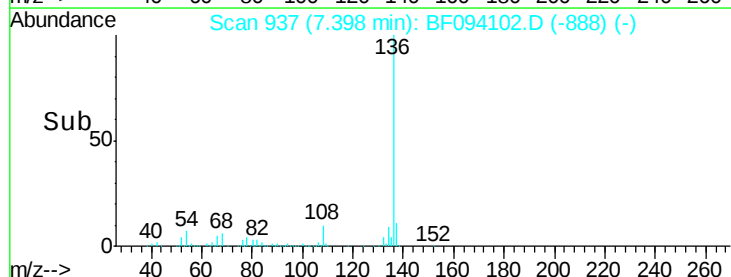
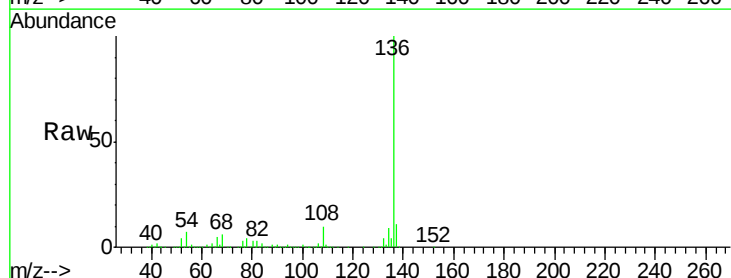
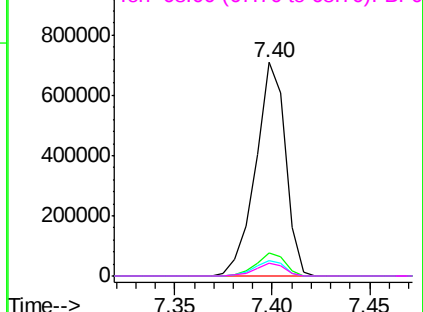
136 100

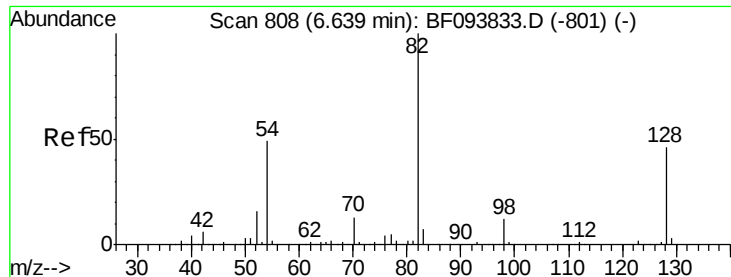
137 11.1 8.5 12.7

54 7.3 4.9 7.3#

68 6.1 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





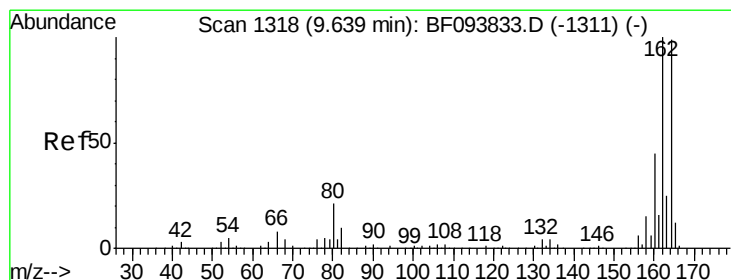
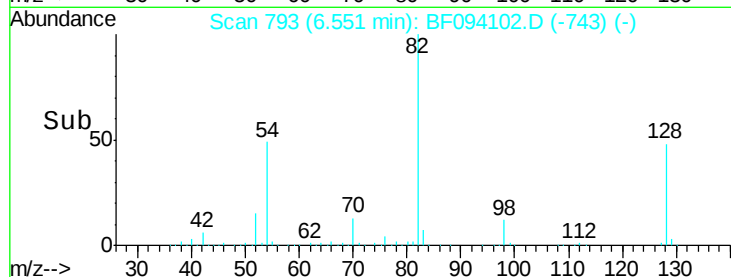
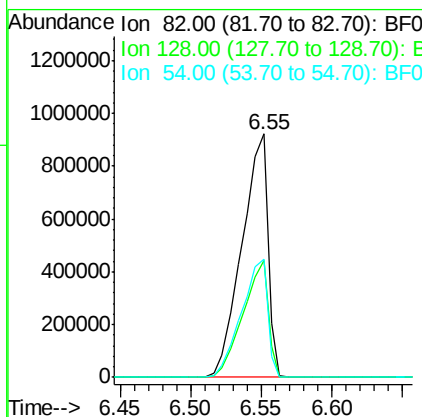
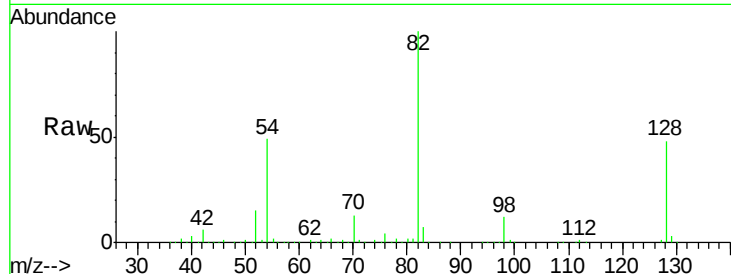
#23
 Nitrobenzene-d5
 Concen: 90.20 ng
 RT: 6.55 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

Tot Ion	82	Resp	1190279
Ion Ratio	100	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	48.7	42.2	63.2

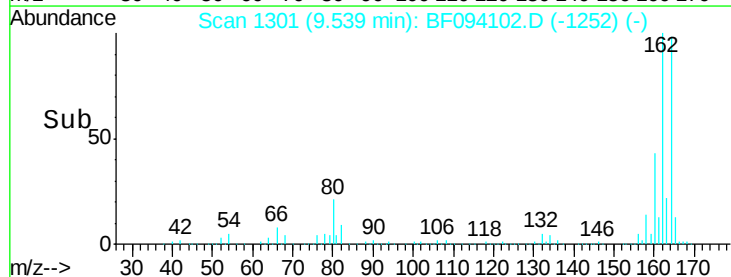
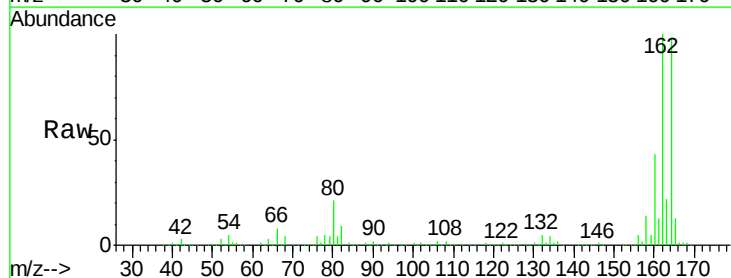
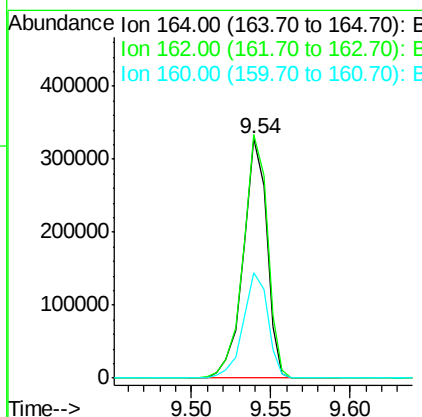
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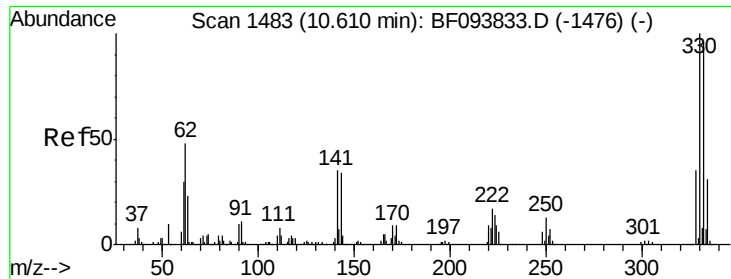
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Tgt Ion	164	Resp	338208
Ion Ratio	100	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	43.8	36.2	54.2





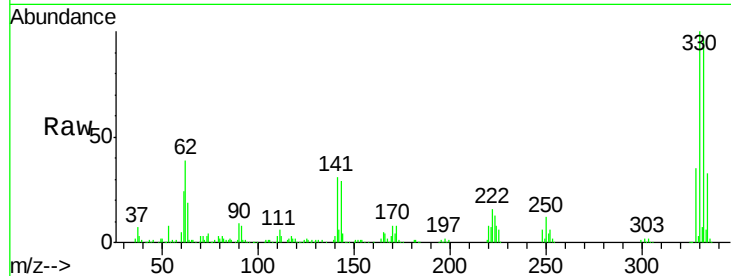
#41
 2,4,6-Tribromophenol
 Concen: 126.95 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

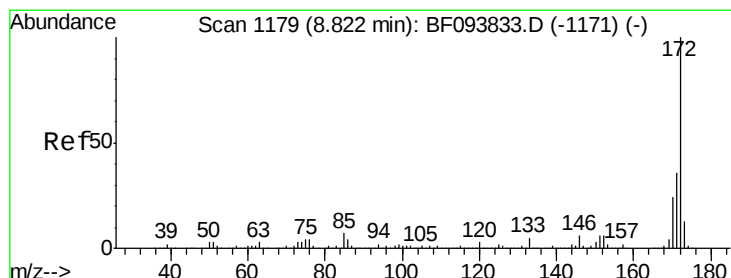
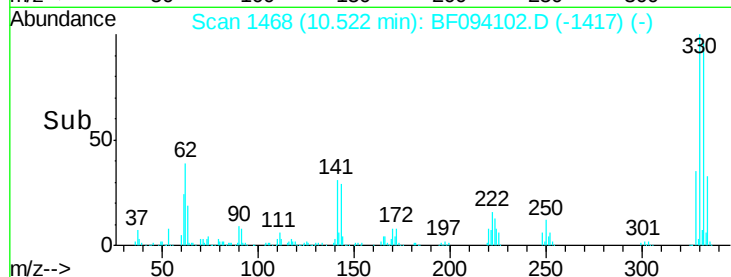
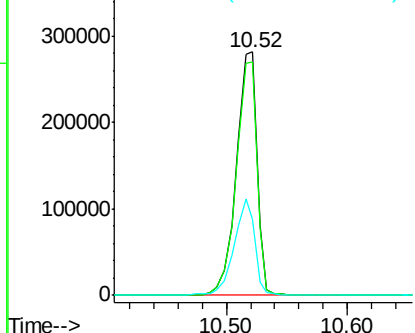
Tot Ion	Ratio	Resp	Lower	Upper
330	100	339293		
332	96.9	76.6	115.0	
141	38.4	31.4	47.2	

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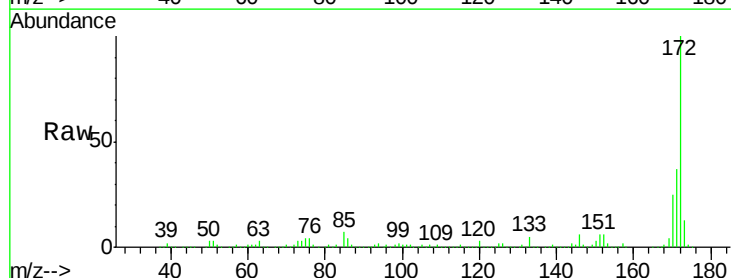


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

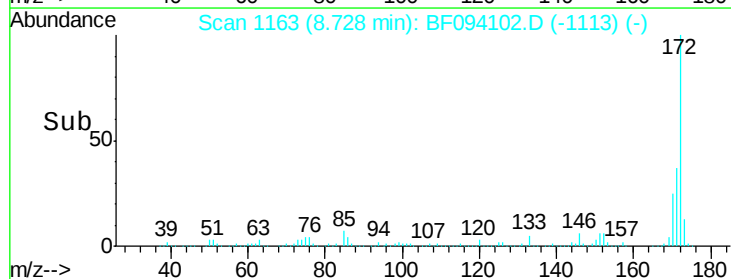
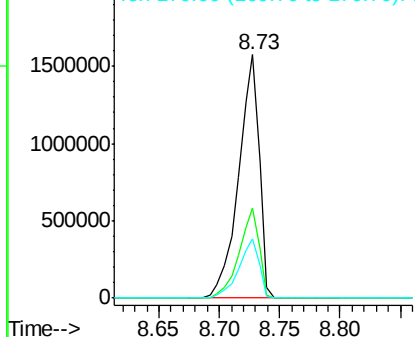


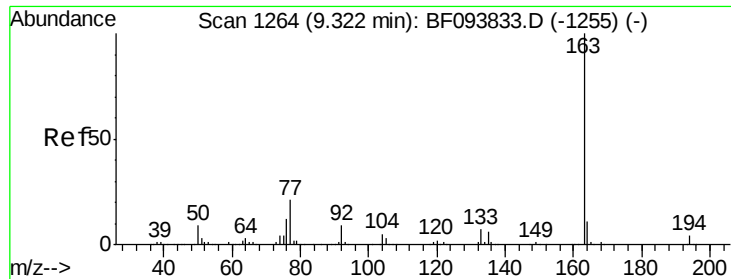
#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1872716		
171	37.0	29.6	44.4	
170	24.6	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





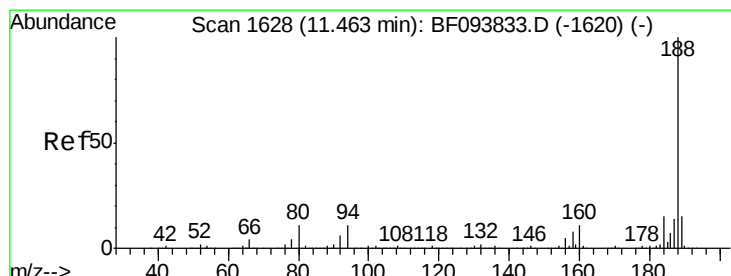
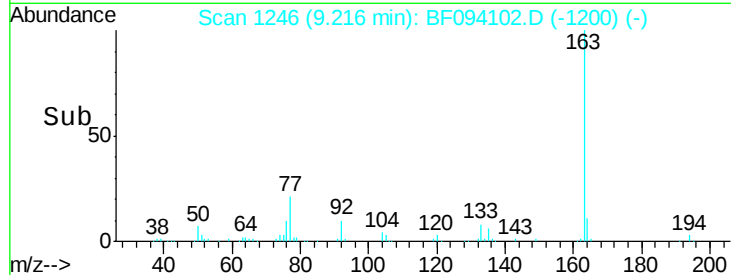
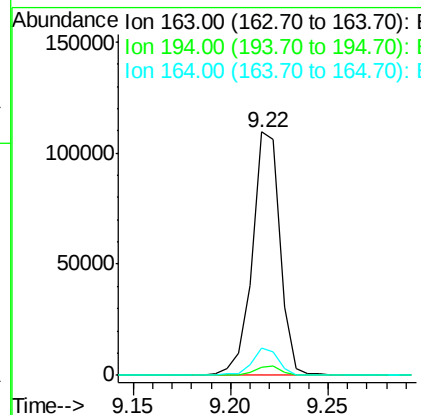
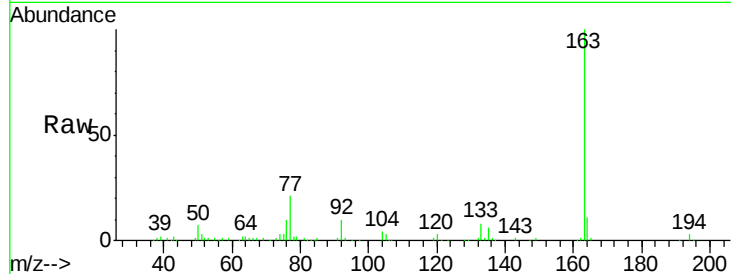
#49
 Dimethylphthalate
 Concen: 4.48 ng
 RT: 9.22 min Scan# 1246
 Delta R.T. -0.03 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

Tot Ion:	163	Resp:	107678
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	11.3	8.4	12.6

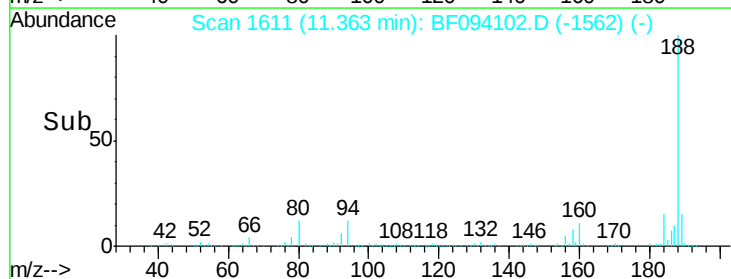
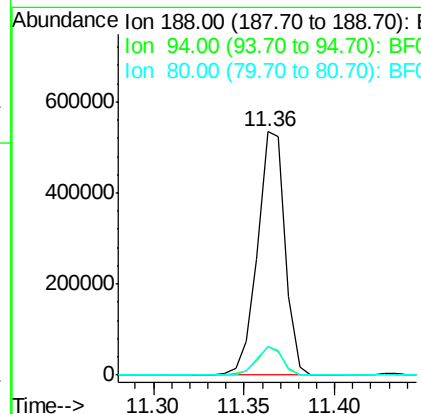
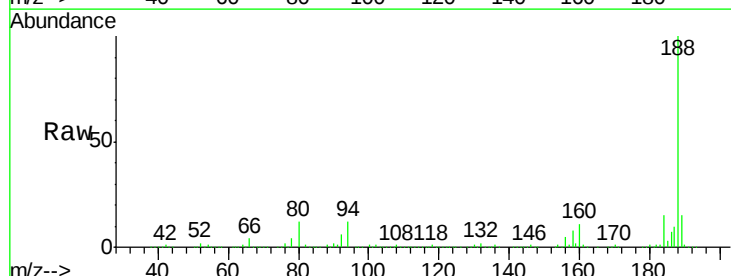
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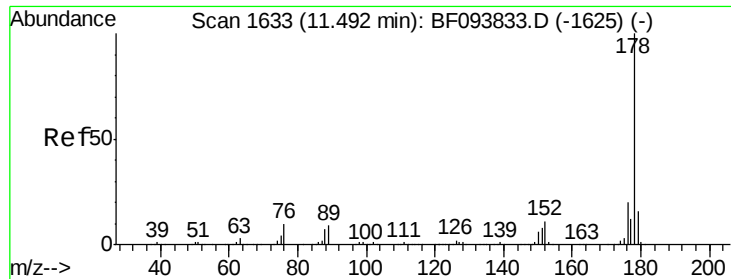
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Tgt Ion:	188	Resp:	564718
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.4	14.2
80	11.8	10.2	15.2





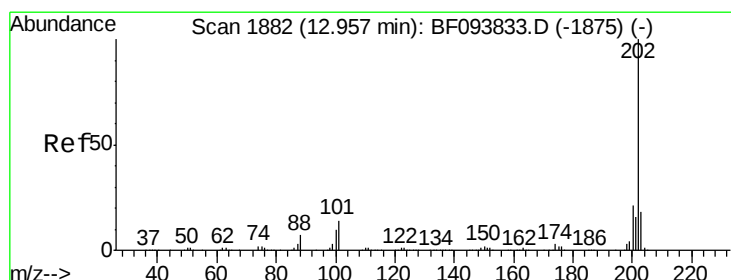
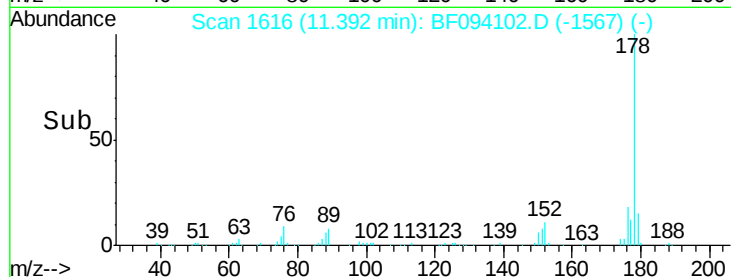
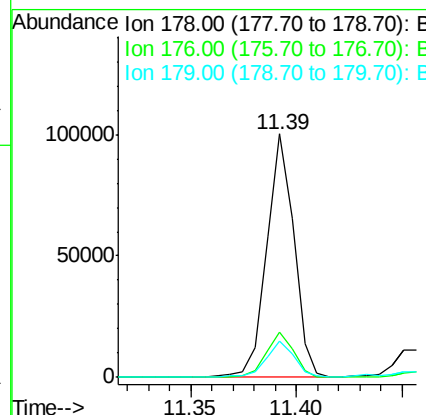
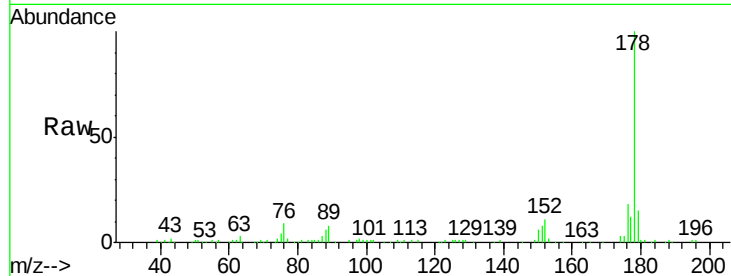
#70
Phenanthrene
Concen: 2.88 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF094102.D
Acq: 31 Mar 2017 18:02

Instrument :
BNA_F
ClientSampleId :
E2-Q12-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.1	12.6	19.0

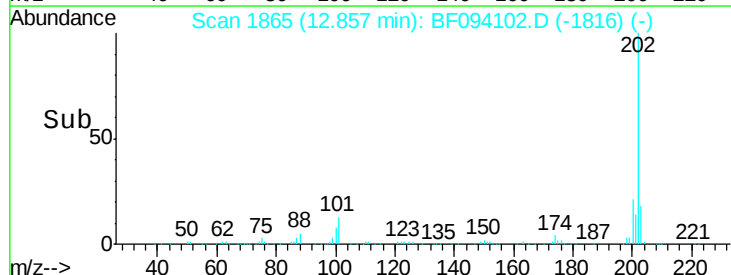
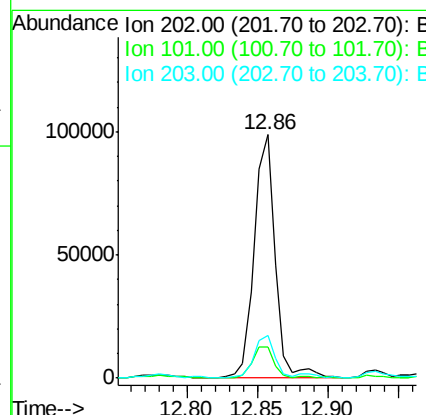
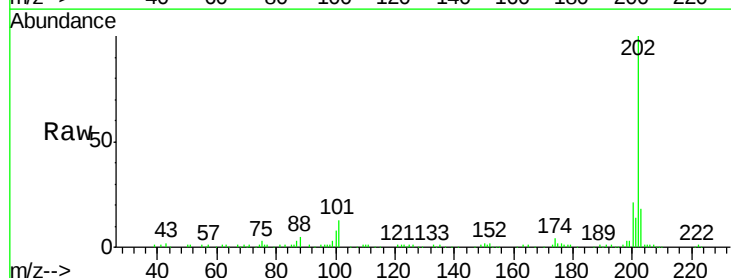
Manual Integrations
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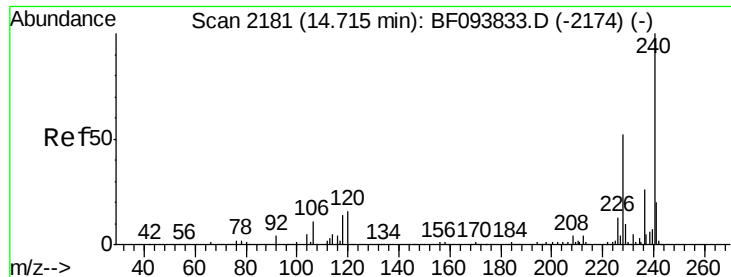
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#74
Fluoranthene
Concen: 3.24 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094102.D
Acq: 31 Mar 2017 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094102.D

Acq: 31 Mar 2017 18:02

Instrument :

BNA_F

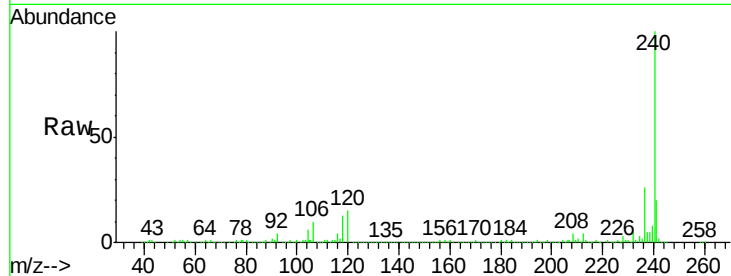
ClientSampleId :

E2-Q12-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	26.0	20.5	30.7

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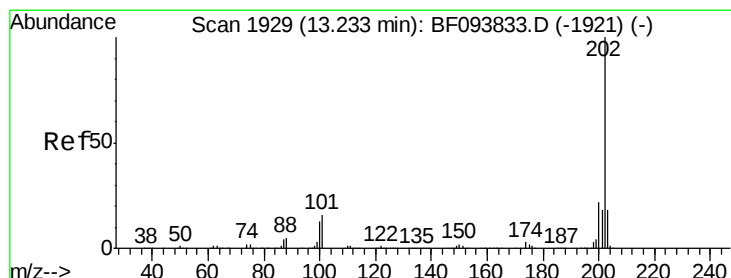
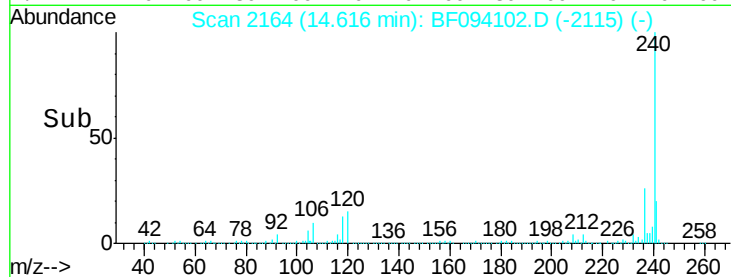
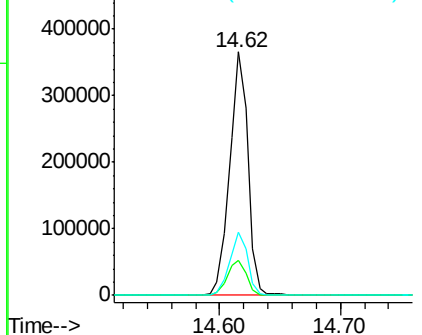
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.54 ng

RT: 13.13 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094102.D

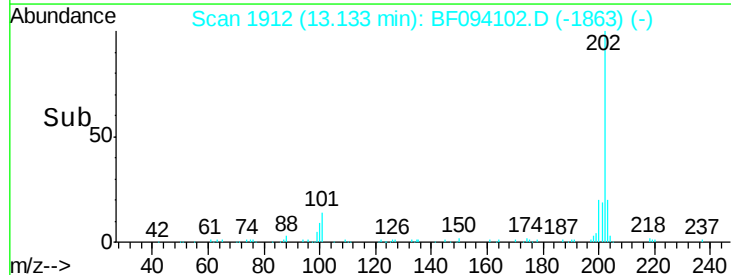
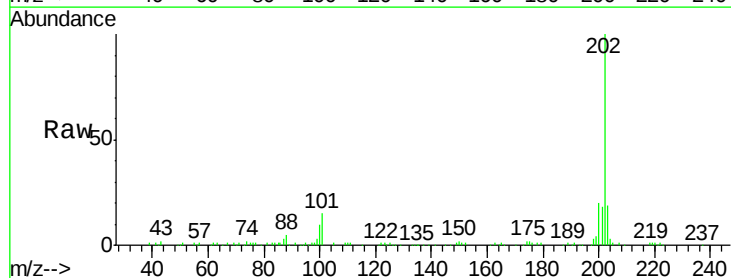
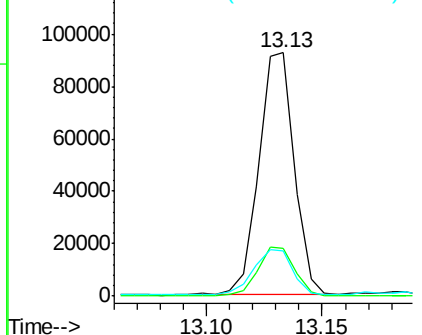
Acq: 31 Mar 2017 18:02

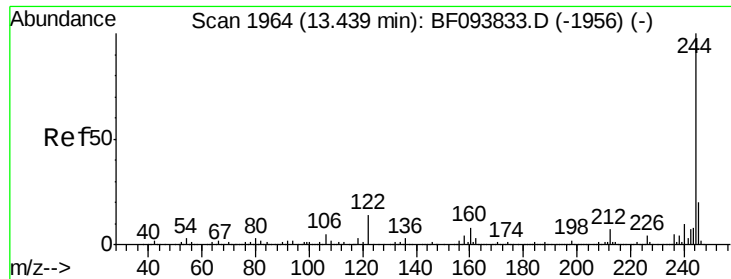
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	18.7	14.4	21.6

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





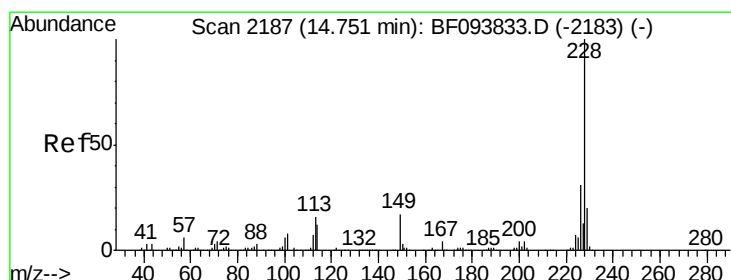
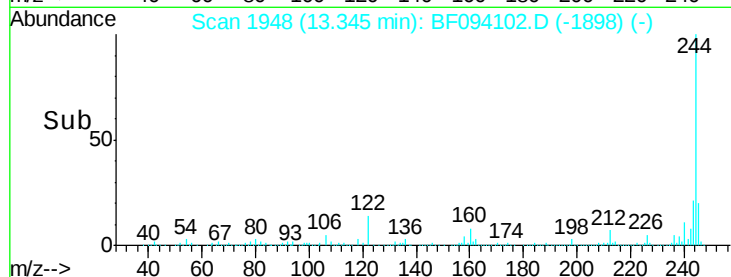
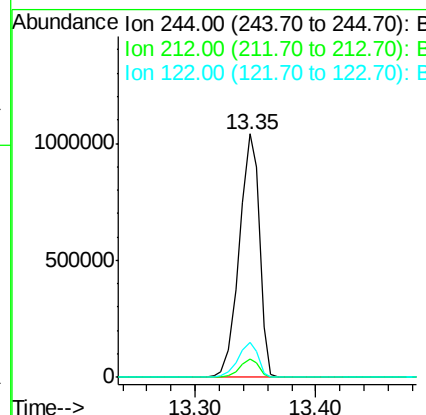
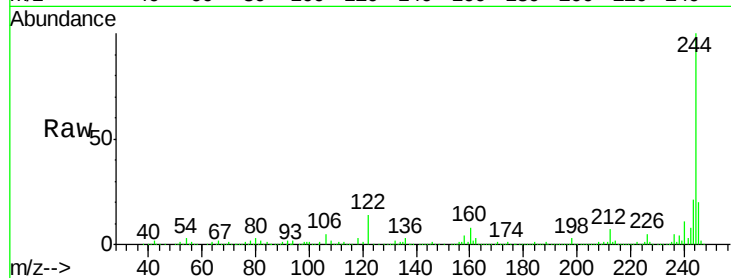
#78
 Terphenyl-d14
 Concen: 70.65 ng
 RT: 13.35 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q12-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.3	10.3	15.5

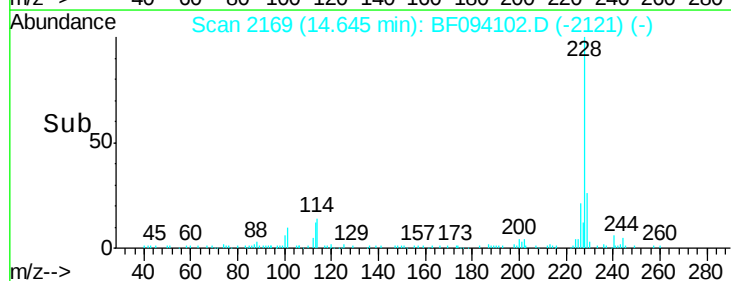
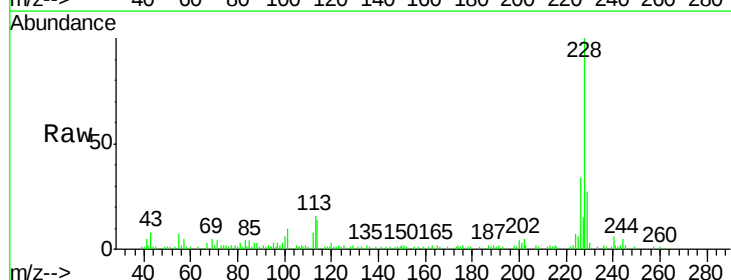
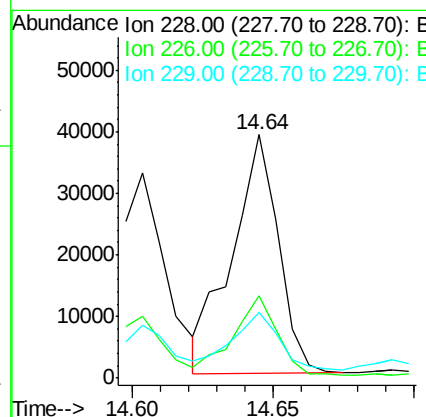
Manual Integrations
 APPROVED

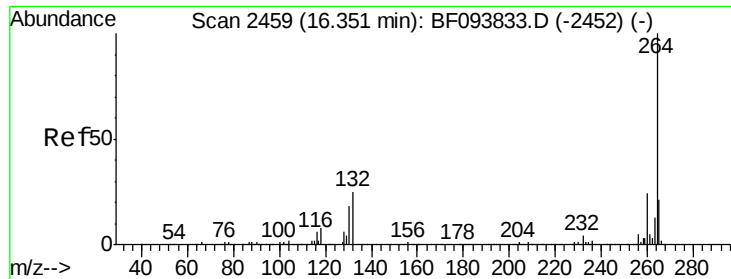
mohammad
 4/3/2017 3:25:54 PM



#82
 Chrysene
 Concen: 2.13 ng
 RT: 14.64 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BF094102.D
 Acq: 31 Mar 2017 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.9	37.3
229	27.1	15.8	23.6





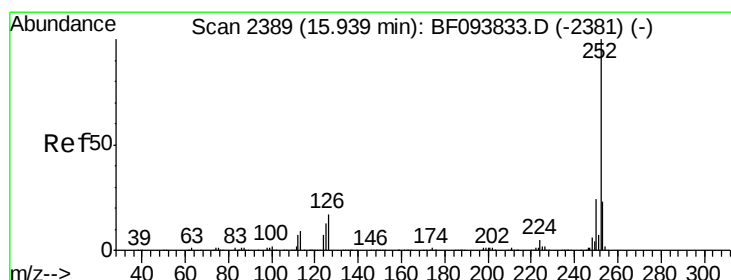
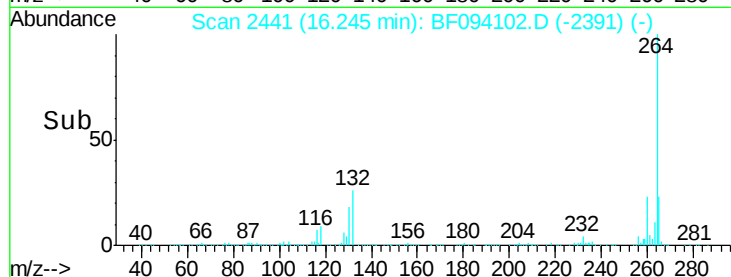
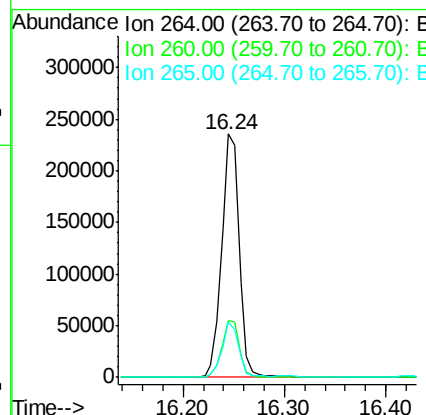
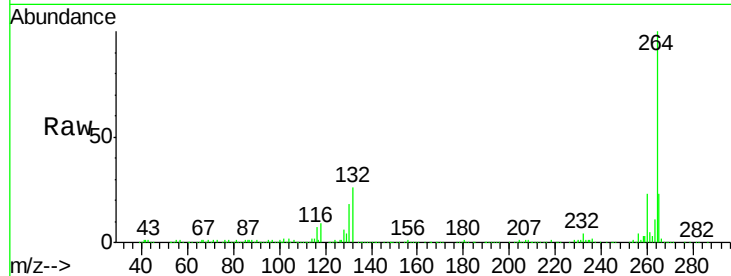
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094102.D
Acq: 31 Mar 2017 18:02

Instrument :
BNA_F
ClientSampleId :
E2-Q12-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.6	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/3/2017 3:25:54 PM



#87
Benzo(b)fluoranthene
Concen: 2.18 ng m
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094102.D
Acq: 31 Mar 2017 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	17.2	9.8	14.8

