

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094222.D
 Acq On : 6 Apr 2017 12:25
 Operator : SJ/MA
 Sample : I2511-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SE

Manual Integrations
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 4/7/2017 5:20:39 PM

Quant Time: Apr 06 13:44:46 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	171603	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	702361	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	330122	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	591239	20.00	ng	0.00
75) Chrysene-d12	14.56	240	454715	20.00	ng	-0.01
86) Perylene-d12	16.19	264	301787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	202223	19.90	ng	0.00
7) Phenol-d6	5.45	99	913346	72.67	ng	-0.01
23) Nitrobenzene-d5	6.50	82	912701	74.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	10460	4.01	ng	-0.01
44) 2-Fluorobiphenyl	8.68	172	1642402	75.88	ng	0.00
78) Terphenyl-d14	13.30	244	1393725	68.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.17	163	156043	6.65	ng	Qvalue # 98
70) Phenanthrene	11.34	178	208742	6.35	ng	98
74) Fluoranthene	12.80	202	181470	5.39	ng	99
77) Pyrene	13.08	202	156149	4.73	ng	97
82) Chrysene	14.59	228	51022m	2.07	ng	
87) Benzo(b)fluoranthene	15.79	252	42161m	2.28	ng	

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

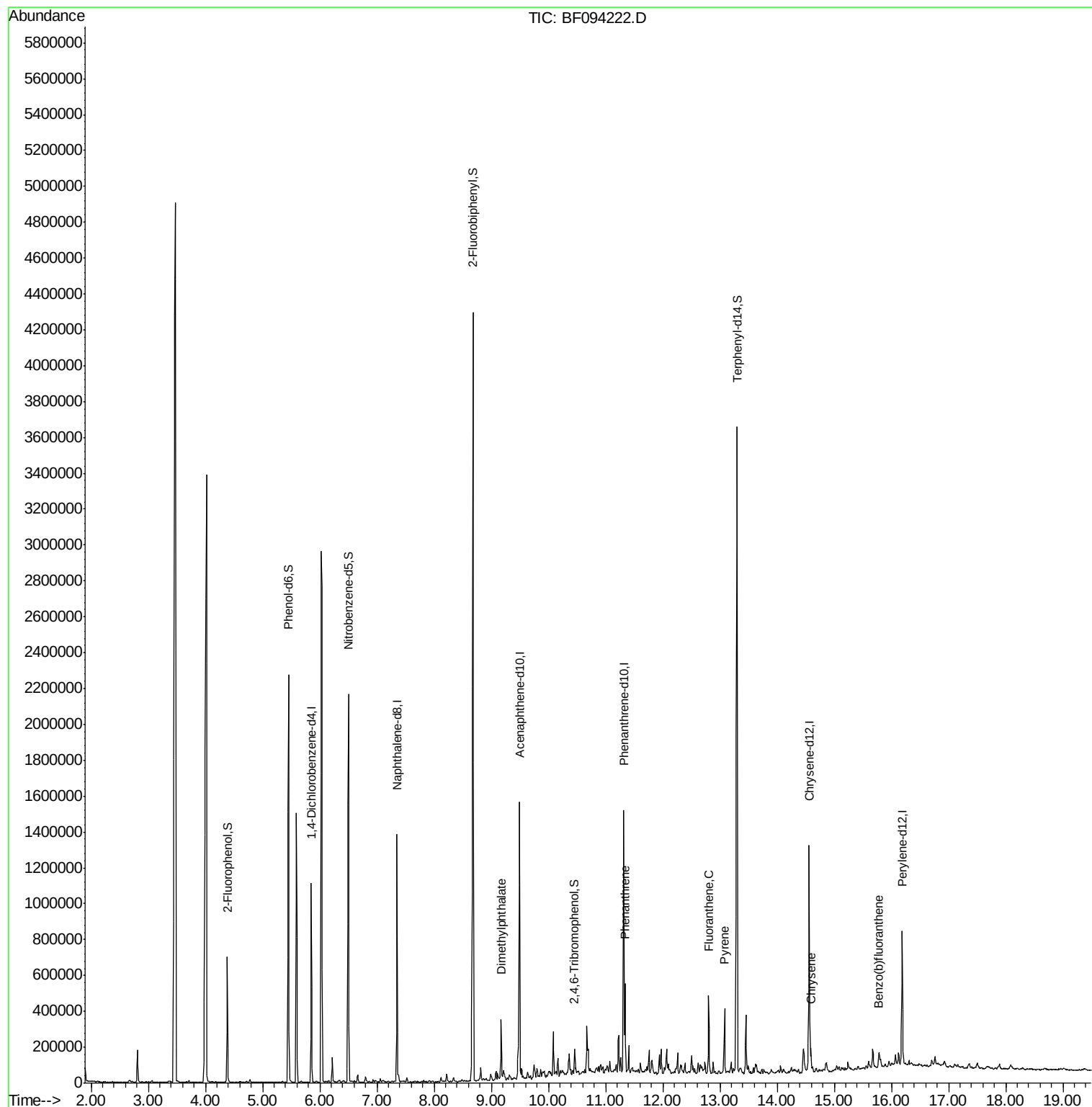
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094222.D
Acq On : 6 Apr 2017 12:25
Operator : SJ/MA
Sample : I2511-02
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ALS Vial : 6 Sample Multiplier: 1

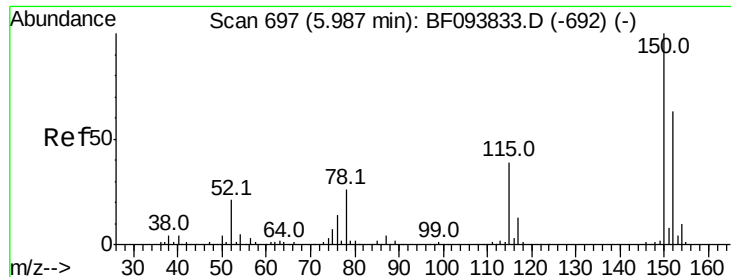
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SE

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Quant Time: Apr 06 13:44:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

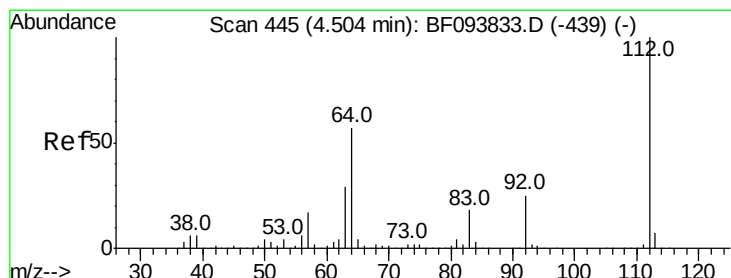
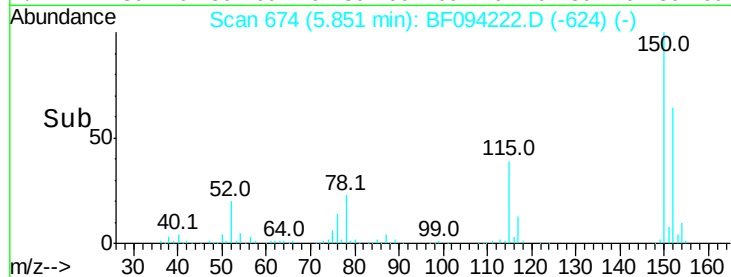
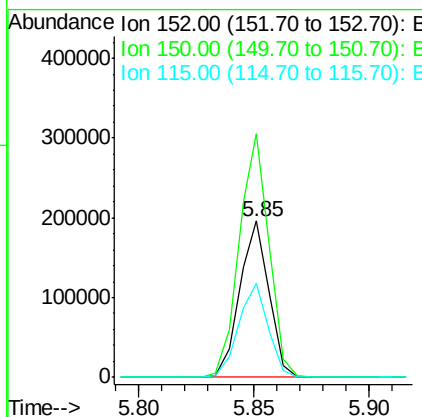
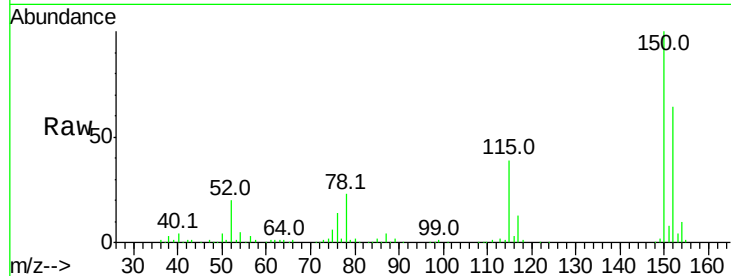
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.3	52.2	78.2

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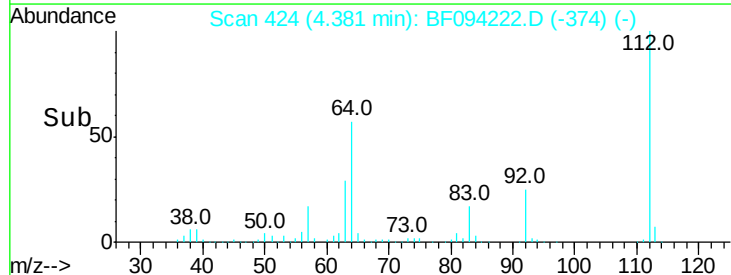
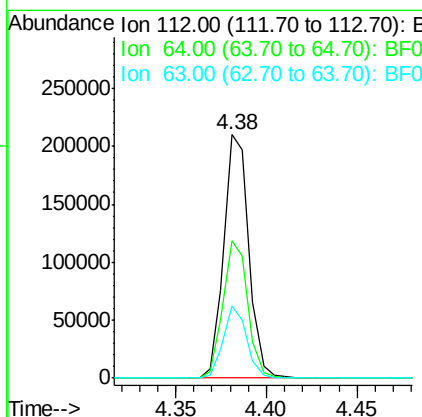
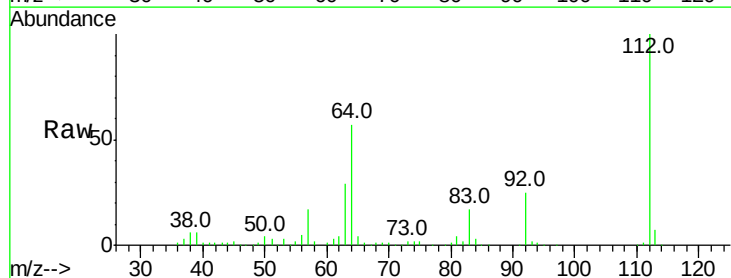
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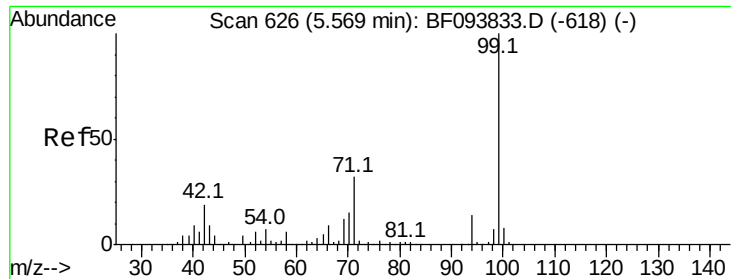


#5

2-Fluorophenol
Concen: 19.90 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	29.5	23.4	35.0





#7

Phenol-d6

Concen: 72.67 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF094222.D

Acq: 6 Apr 2017 12:25

Instrument :

BNA_F

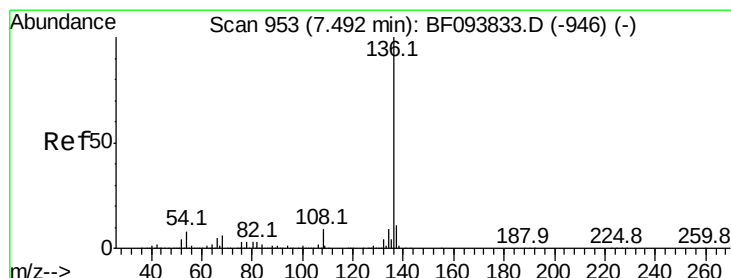
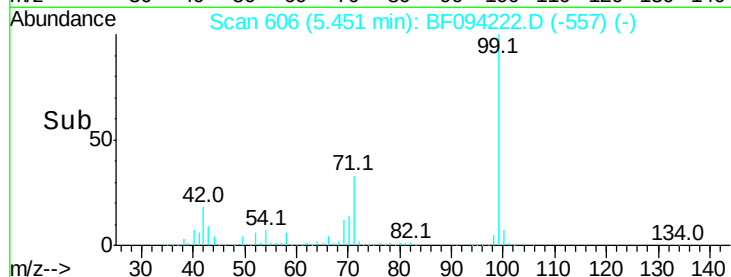
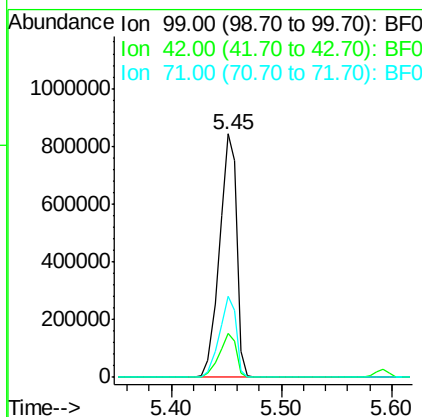
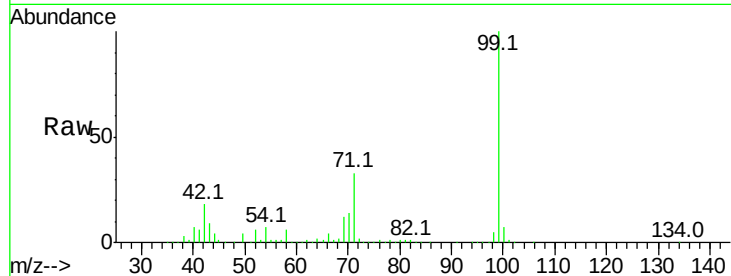
ClientSampleId :

E2-CONCRETE-SE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		913346		
42	18.0	13.5	20.3		
71	33.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

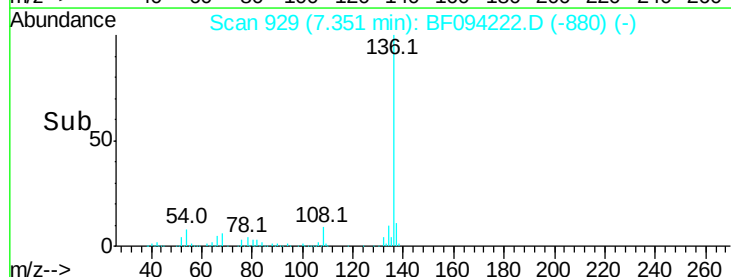
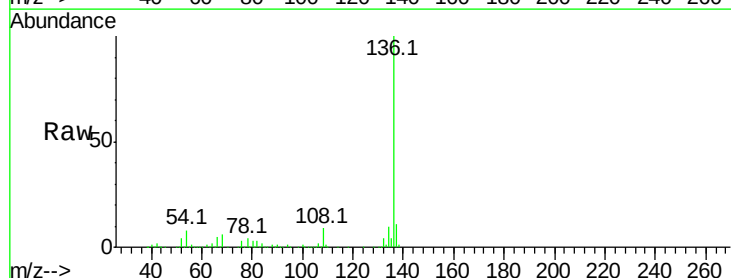
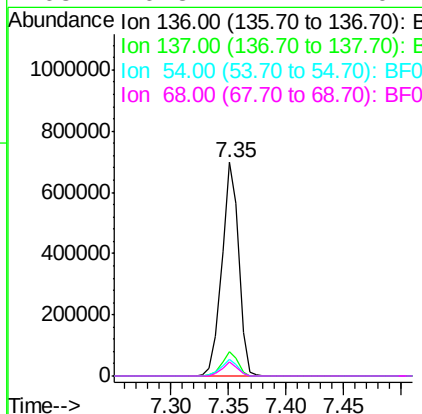
RT: 7.35 min Scan# 929

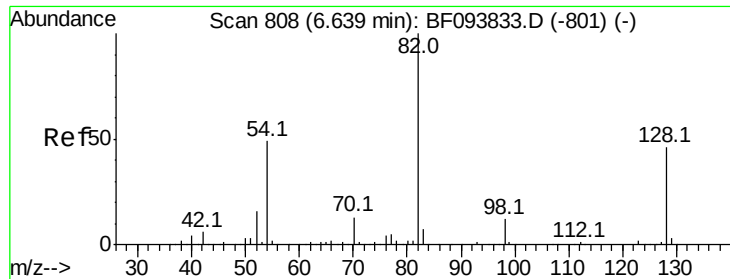
Delta R.T. -0.01 min

Lab File: BF094222.D

Acq: 6 Apr 2017 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		702361		
137	11.4	8.5	12.7		
54	8.1	4.9	7.3#		
68	6.3	4.1	6.1#		





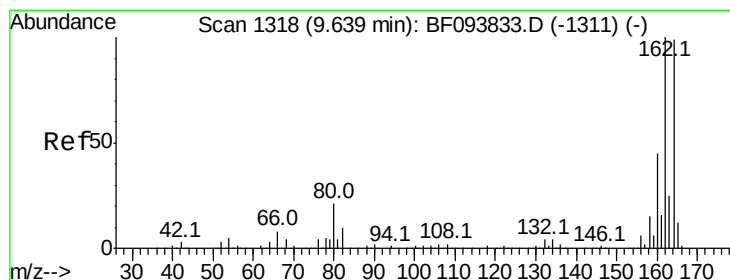
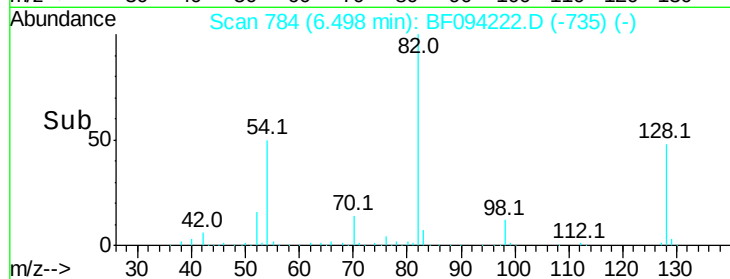
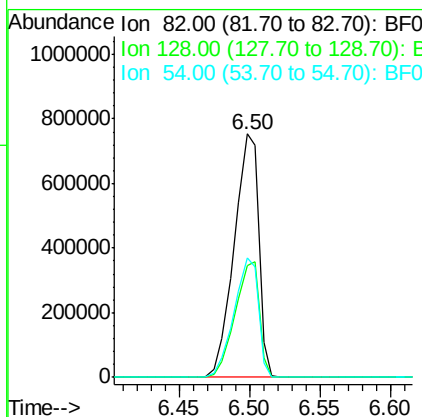
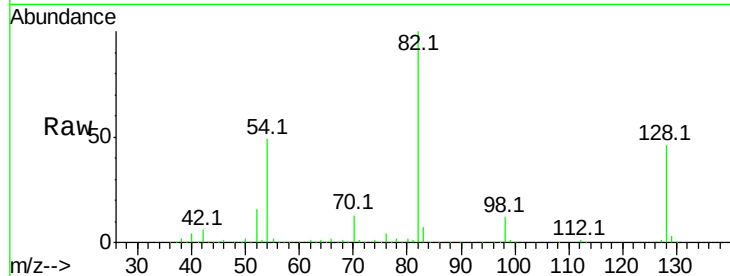
#23
 Nitrobenzene-d5
 Concen: 74.16 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	49.1	42.2	63.2

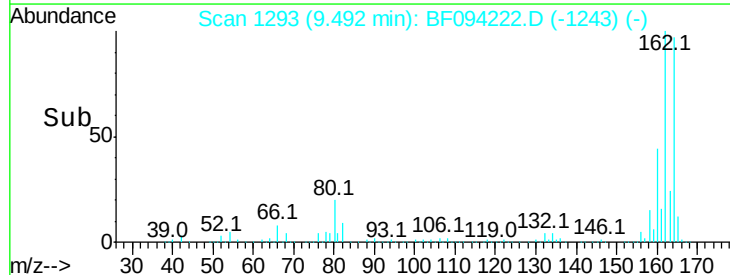
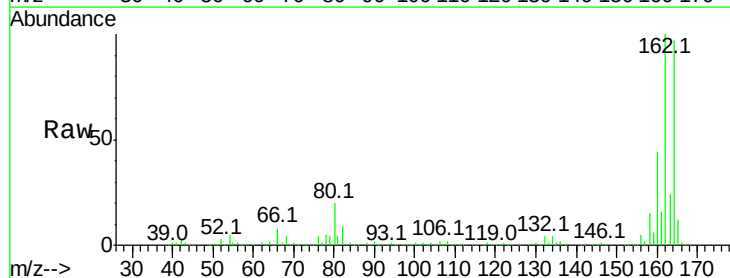
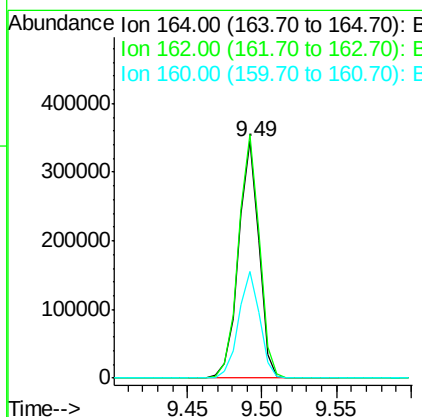
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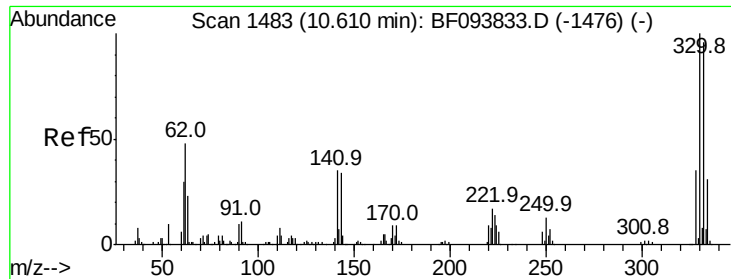
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.9	36.2	54.2





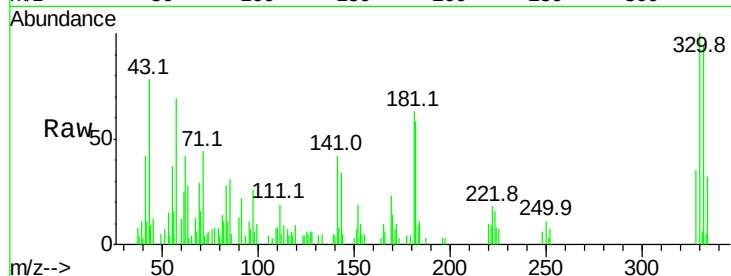
#41
 2,4,6-Tribromophenol
 Concen: 4.01 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SE

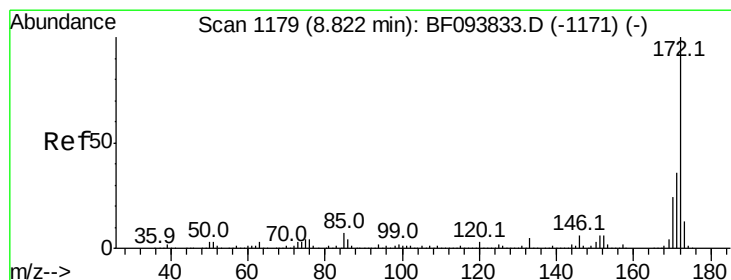
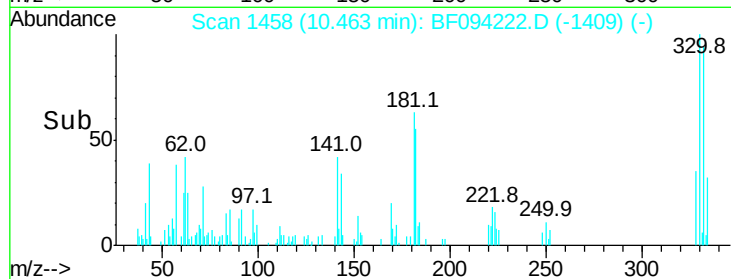
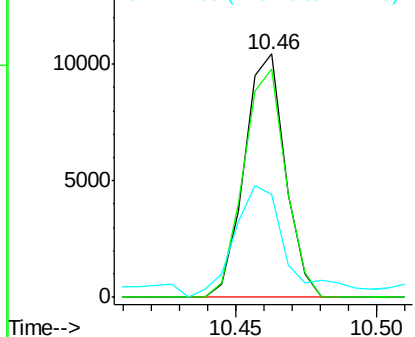
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	60.4	31.4	47.2#

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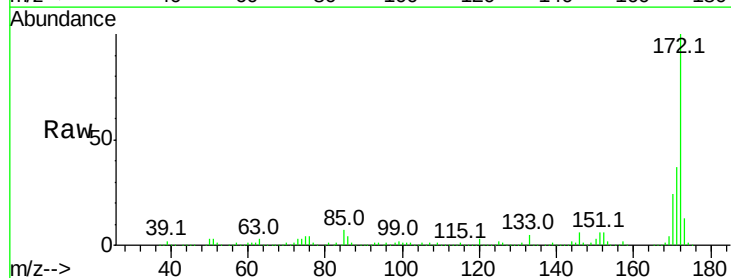


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

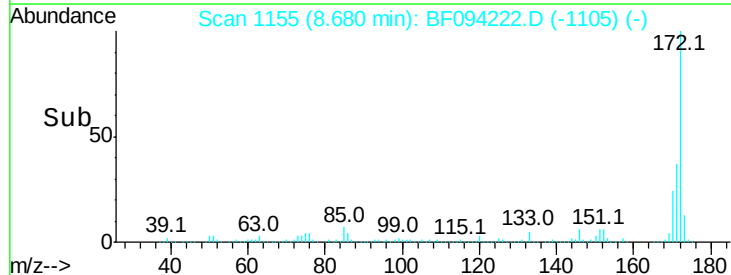
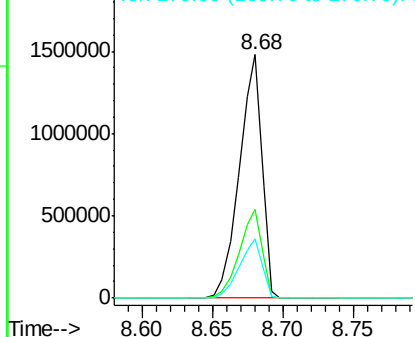


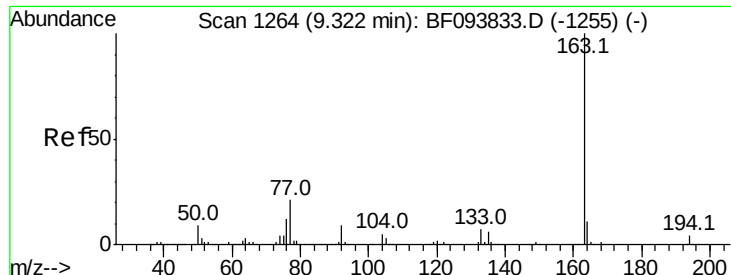
#44
 2-Fluorobiphenyl
 Concen: 75.88 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	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





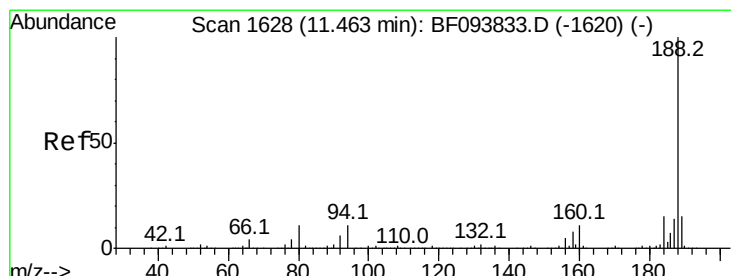
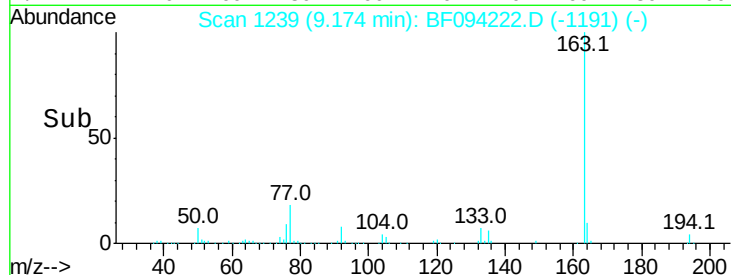
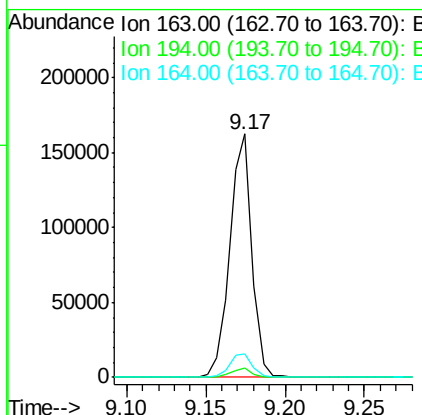
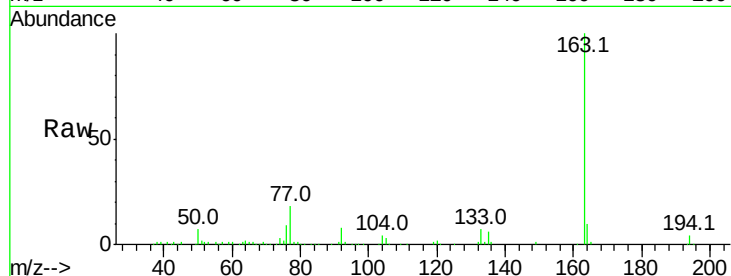
#49
Dimethylphthalate
Concen: 6.65 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156043		
194	4.1	2.6	4.0#	
164	9.7	8.4	12.6	

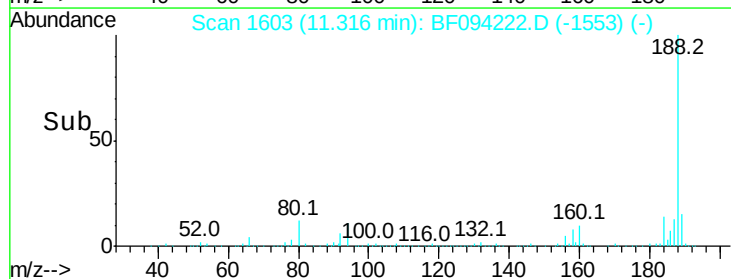
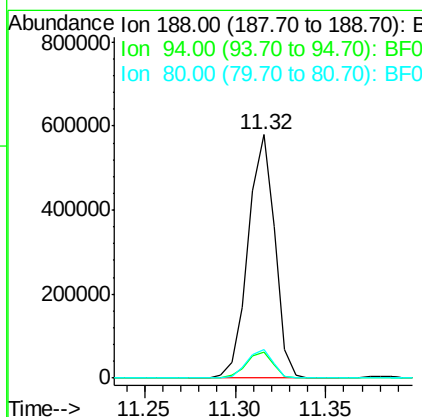
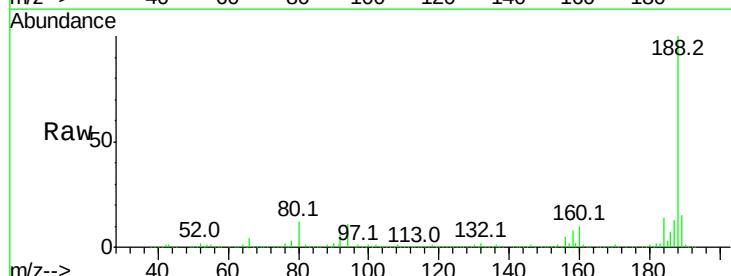
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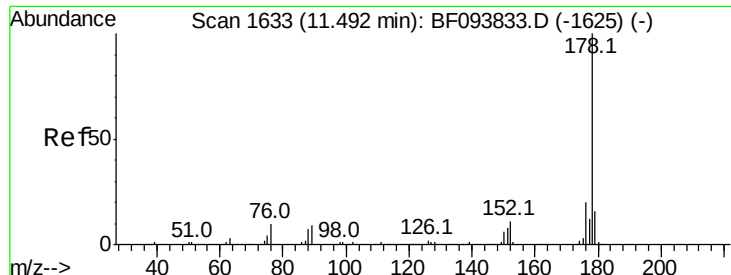
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	591239		
94	10.6	9.4	14.2	
80	11.6	10.2	15.2	





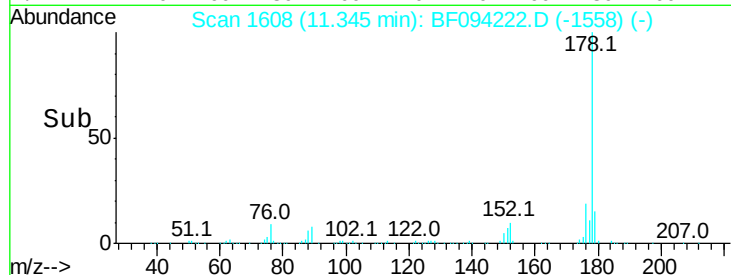
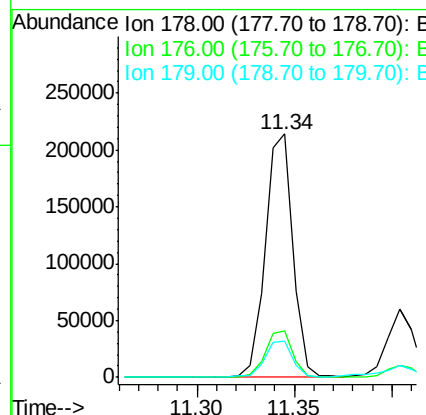
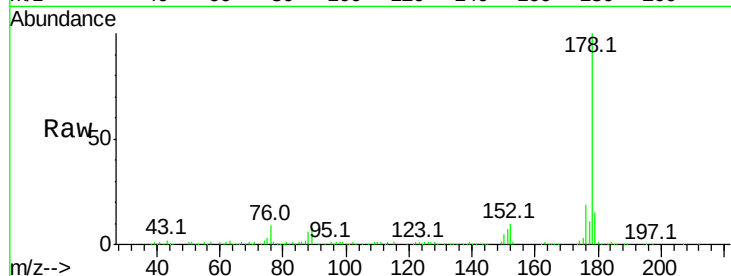
#70
Phenanthrene
Concen: 6.35 ng
RT: 11.34 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	14.7	12.6	19.0

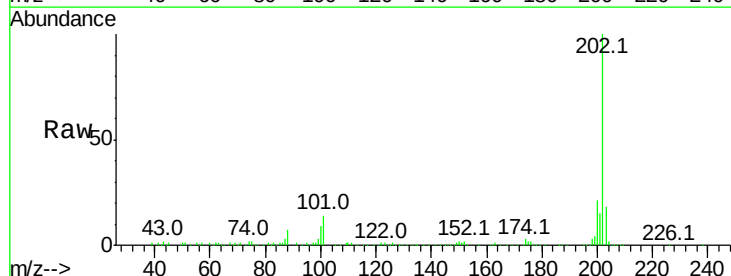
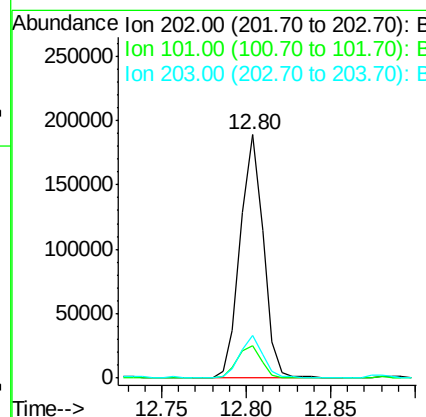
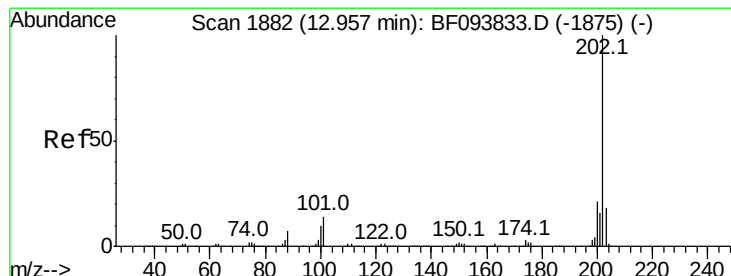
Manual Integrations
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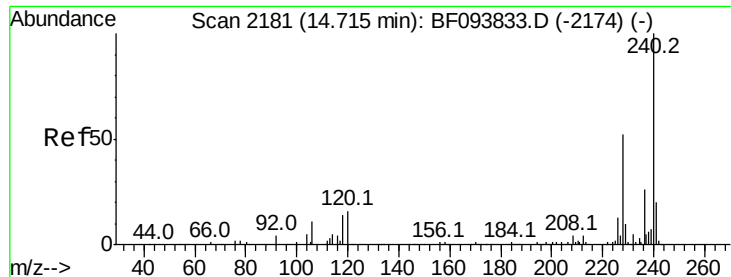
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#74
Fluoranthene
Concen: 5.39 ng
RT: 12.80 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094222.D

Acq: 6 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-SE

Tot Ion:240 Resp: 454715

Ion Ratio Lower Upper

240 100

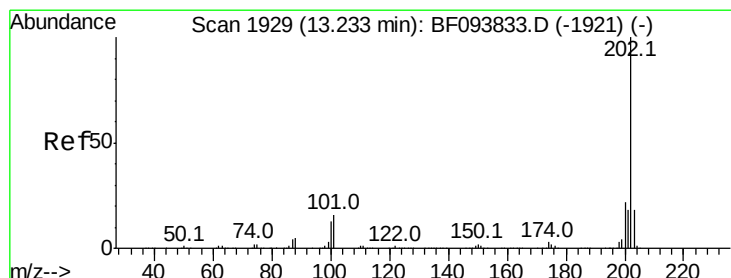
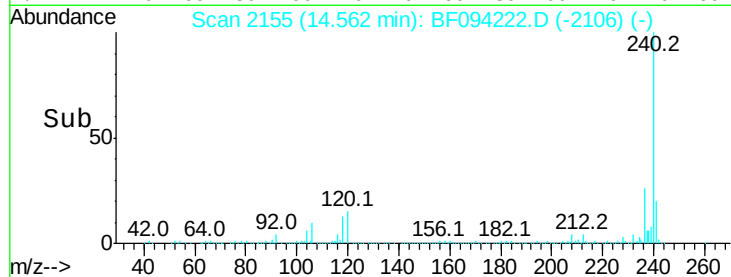
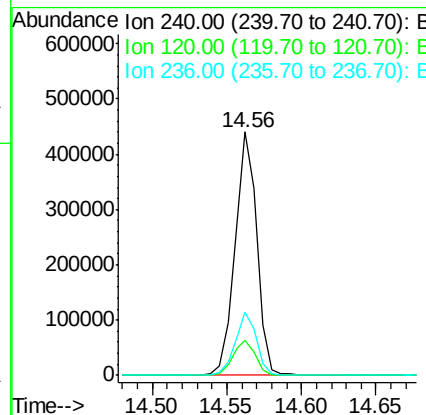
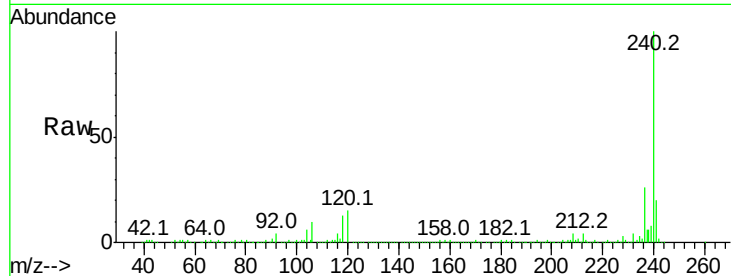
120 14.5 5.8 8.8#

236 25.7 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 4.73 ng

RT: 13.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BF094222.D

Acq: 6 Apr 2017 12:25

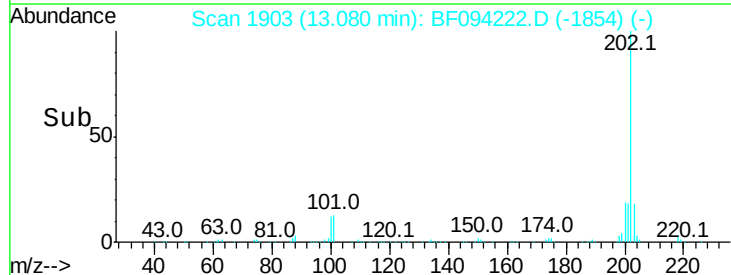
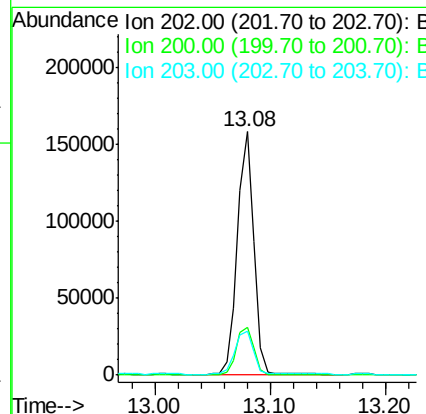
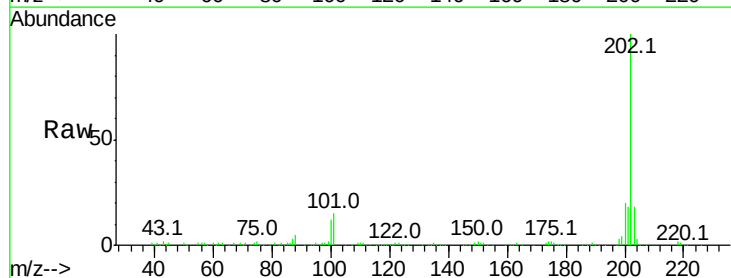
Tgt Ion:202 Resp: 156149

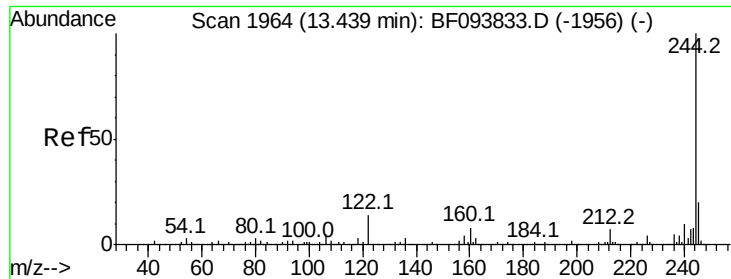
Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

203 17.9 14.4 21.6





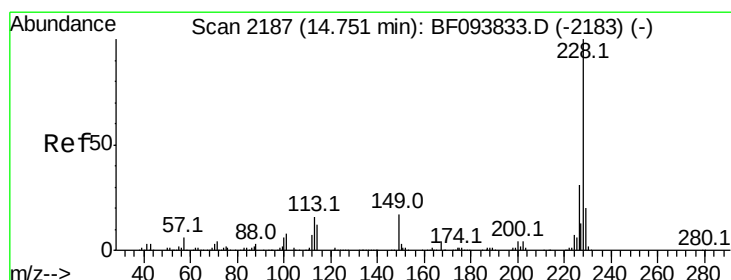
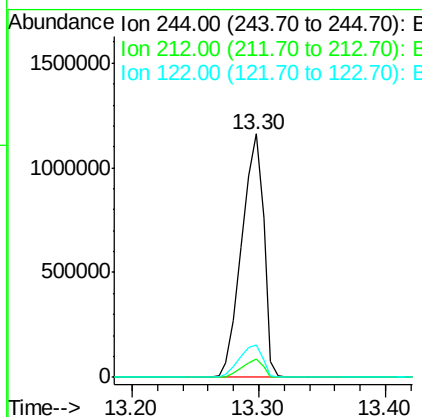
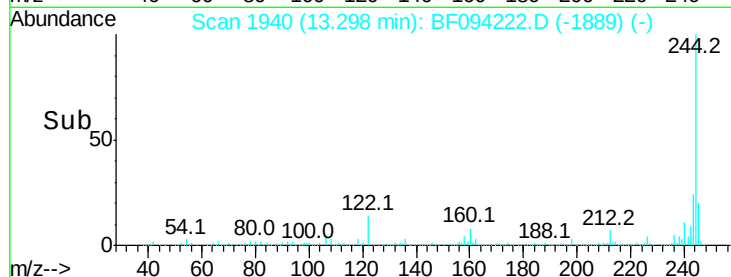
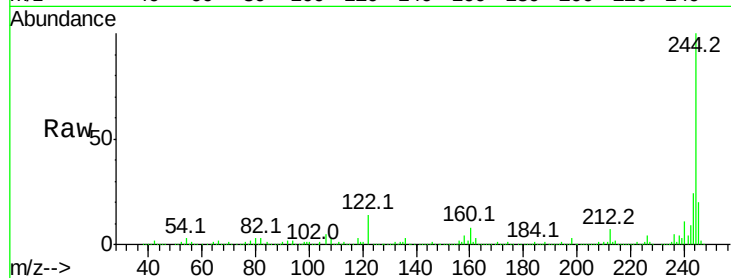
#78
 Terphenyl-d14
 Concen: 68.70 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SE

Tot Ion:244 Resp: 1393725
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5

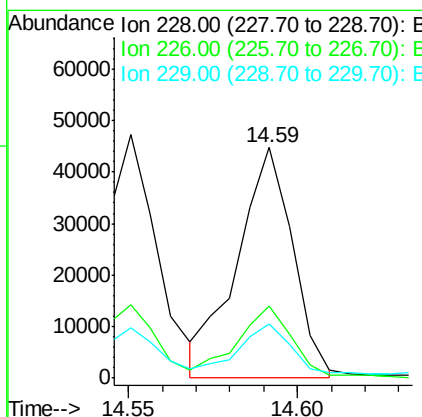
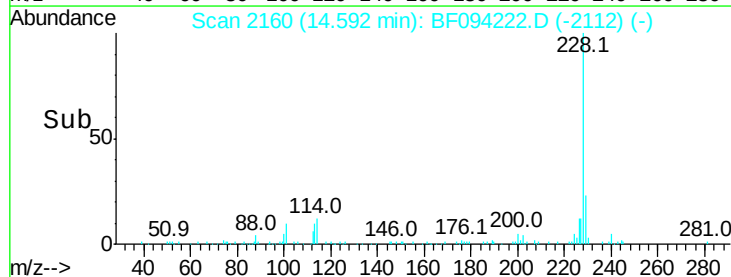
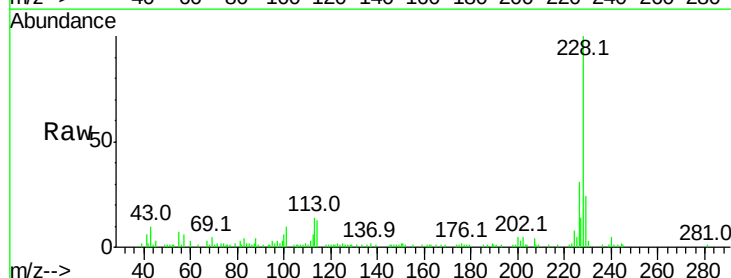
Manual Integrations
 APPROVED

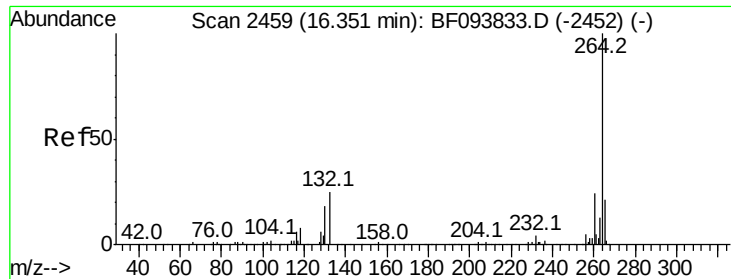
mohammad
 4/7/2017 5:20:39 PM



#82
 Chrysene
 Concen: 2.07 ng m
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094222.D
 Acq: 6 Apr 2017 12:25

Tgt Ion:228 Resp: 51022
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 23.7 15.8 23.6#





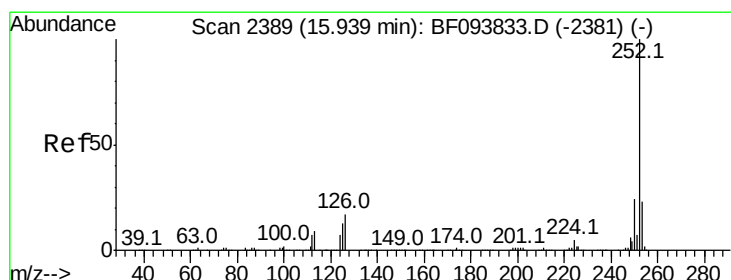
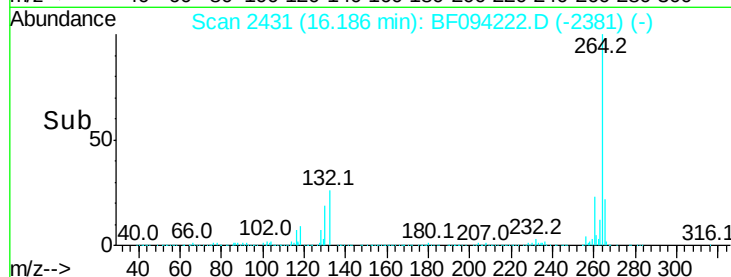
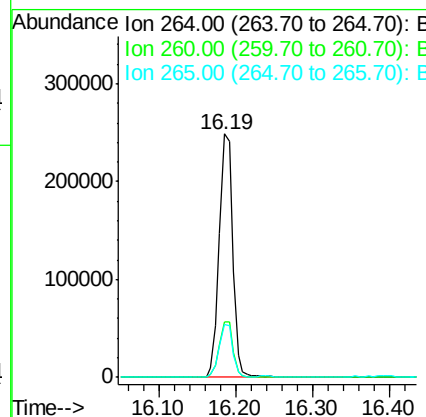
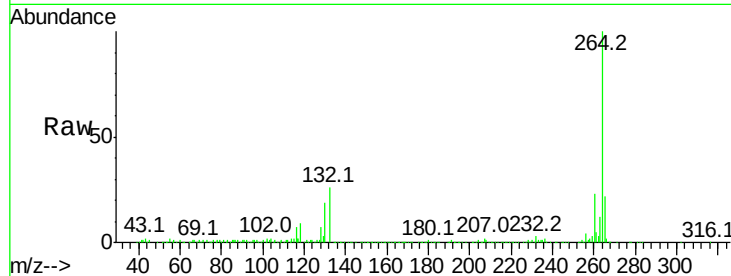
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.6	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:39 PM



#87
Benzo(b)fluoranthene
Concen: 2.28 ng m
RT: 15.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BF094222.D
Acq: 6 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	13.5	9.8	14.8

