

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094462.D
 Acq On : 17 Apr 2017 21:09
 Operator : SJ/MA
 Sample : I2708-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-WSW

Manual Integrations
 APPROVED

mohammad
 4/18/2017 4:55:41 PM

Quant Time: Apr 18 03:03:29 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	144159	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	591742	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	273226	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497697	20.00	ng	0.00
75) Chrysene-d12	14.46	240	371357	20.00	ng	0.00
86) Perylene-d12	16.08	264	263053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	925524	106.51	ng	0.00
7) Phenol-d6	5.39	99	1214503	118.56	ng	0.00
23) Nitrobenzene-d5	6.41	82	754536	78.74	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	236842	110.82	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1283305	69.11	ng	0.00
78) Terphenyl-d14	13.20	244	1051087	75.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	553603	27.19	ng	Qvalue 100
70) Phenanthrene	11.24	178	93086	3.32	ng	97
74) Fluoranthene	12.71	202	124118	4.27	ng	97
77) Pyrene	12.97	202	117054	4.51	ng	96
80) Benzo(a)anthracene	14.45	228	45177	2.09	ng	97
82) Chrysene	14.49	228	43899	2.23	ng	96
87) Benzo(b)fluoranthene	15.68	252	38756m	2.41	ng	

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

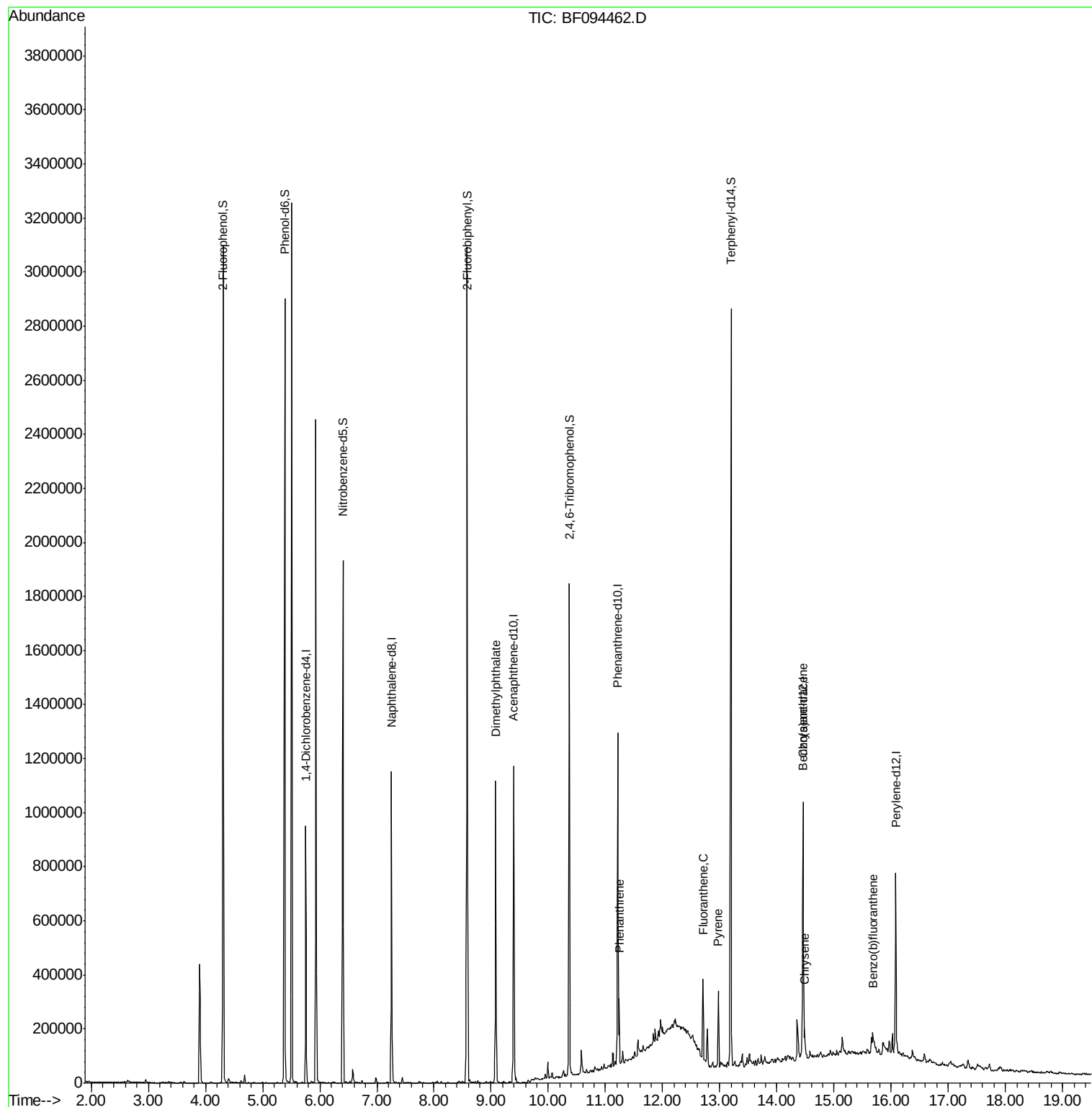
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094462.D
Acq On : 17 Apr 2017 21:09
Operator : SJ/MA
Sample : I2708-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

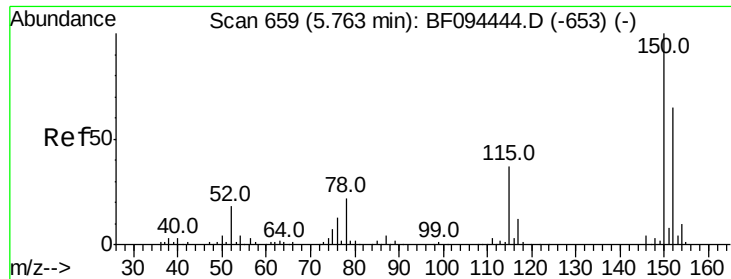
Instrument :
BNA_F
ClientSampleId :
E2-XY9-WSW

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QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

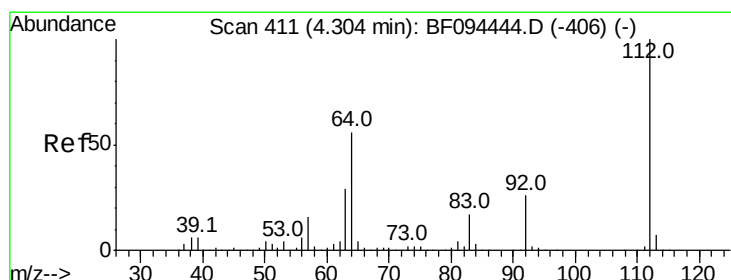
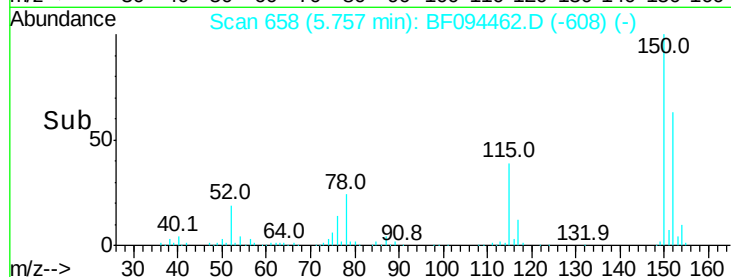
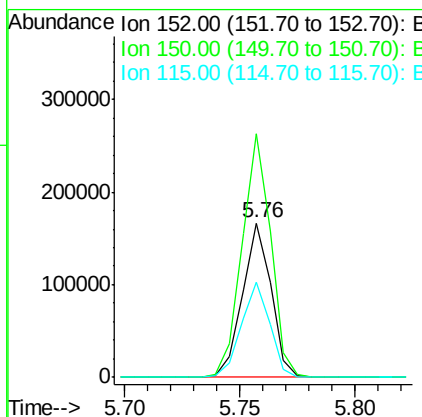
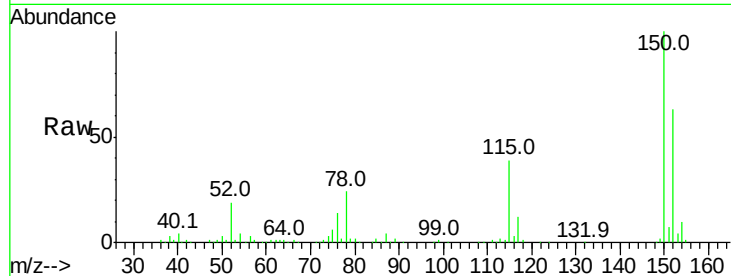
ClientSampleId :

E2-XY9-WSW

Tot Ion:	152	Resp:	144159
Ion Ratio	Lower	Upper	
152	100		
150	158.1	126.2	189.2
115	61.5	52.2	78.2

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#5

2-Fluorophenol

Concen: 106.51 ng

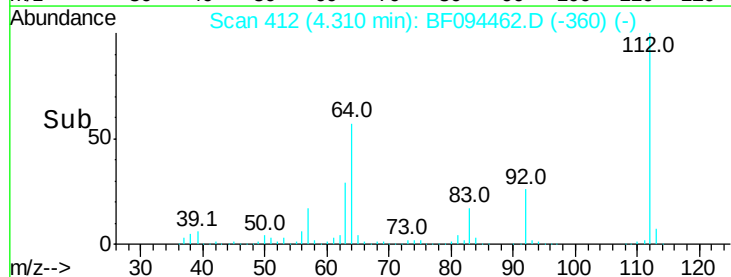
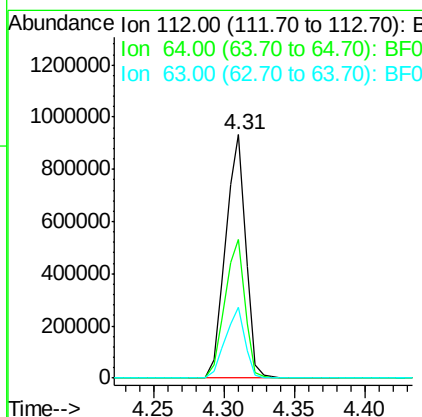
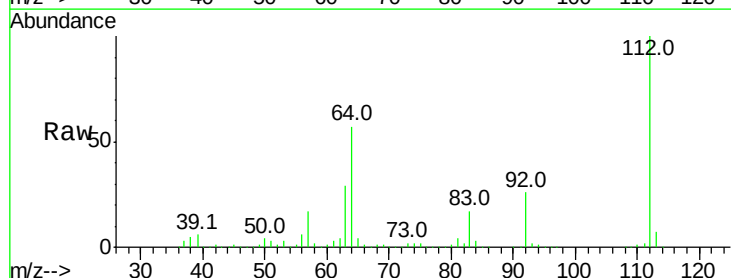
RT: 4.31 min Scan# 412

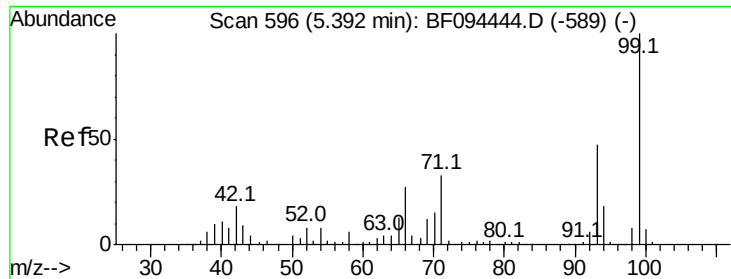
Delta R.T. 0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Tgt Ion:	112	Resp:	925524
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 118.56 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

ClientSampleId :

E2-XY9-WSW

Tot Ion: 99 Resp: 1214503

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

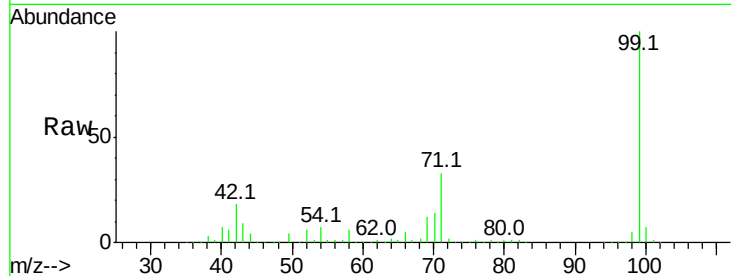
71 33.3 24.5 36.7

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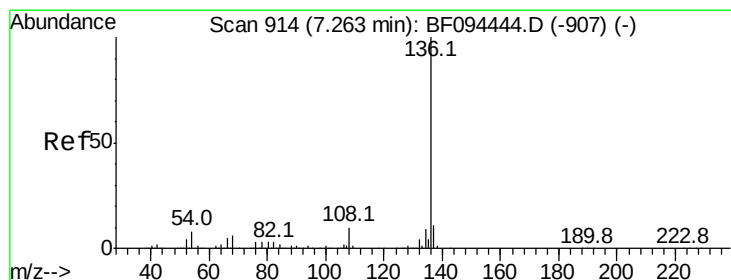
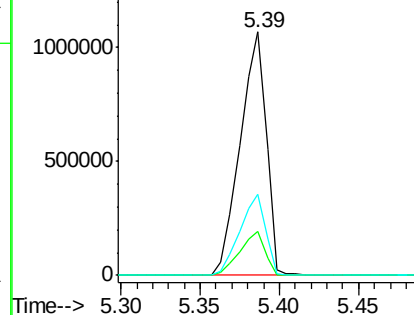
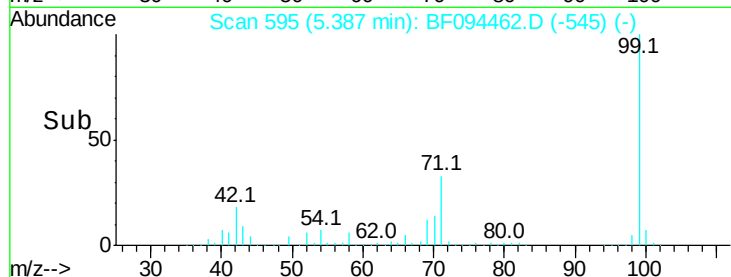
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Tgt Ion: 136 Resp: 591742

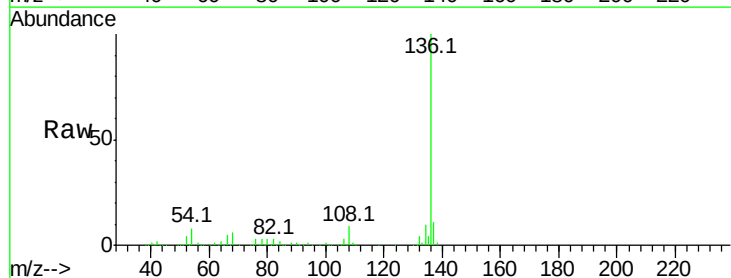
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.8 4.9 7.3#

68 5.8 4.1 6.1

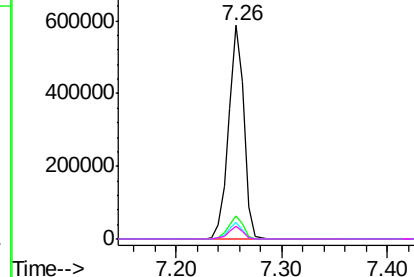
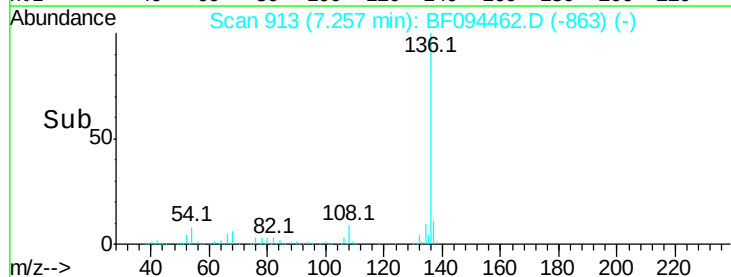


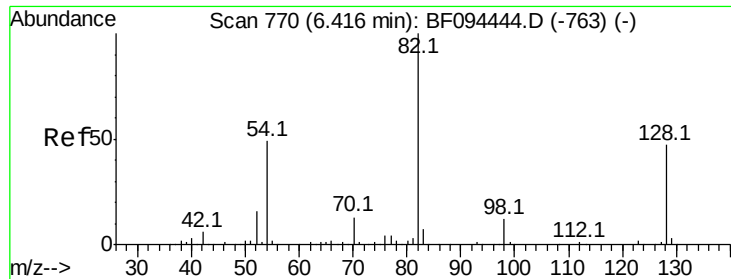
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.74 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

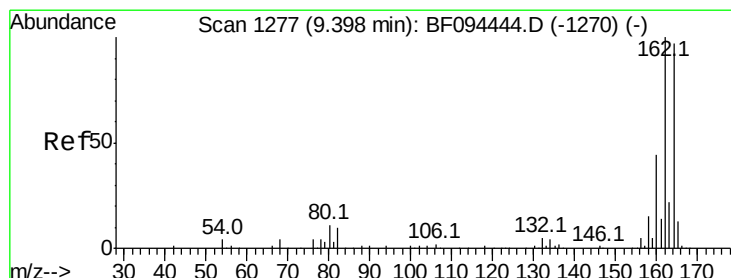
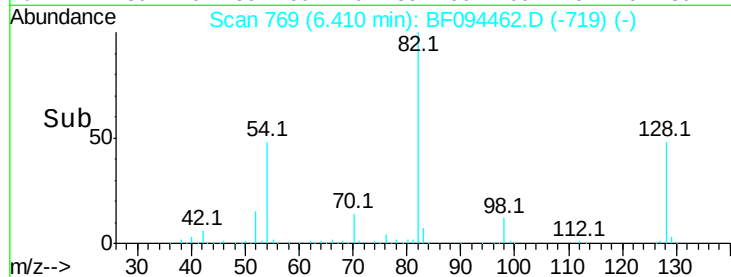
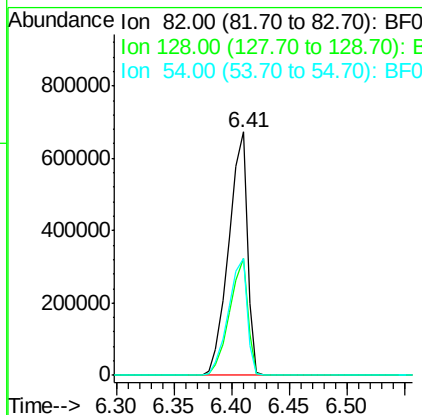
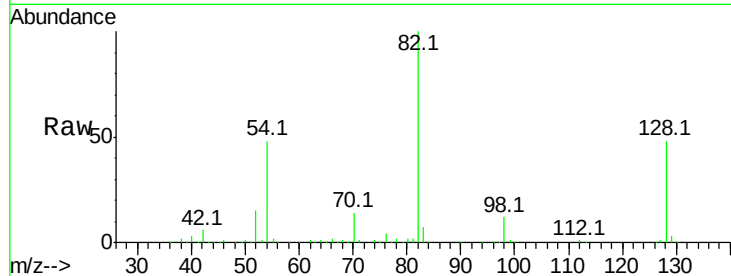
ClientSampleId :

E2-XY9-WSW

Tot Ion	82	Resp	754536
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.0	51.0
54	48.2	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

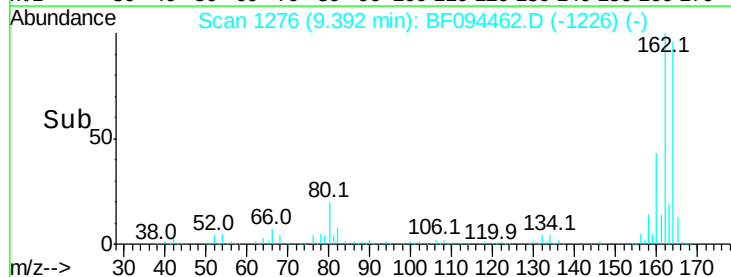
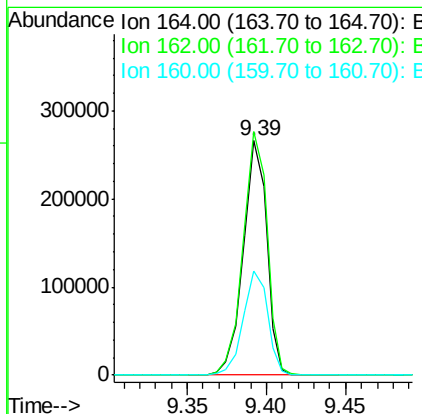
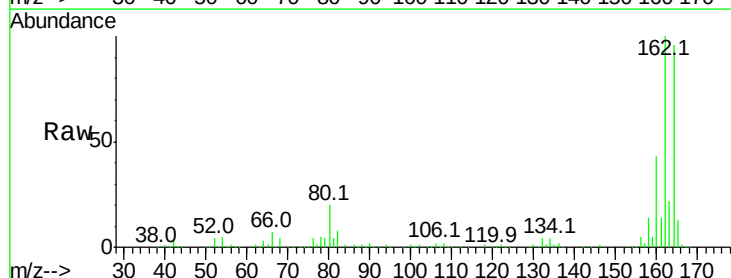
RT: 9.39 min Scan# 1276

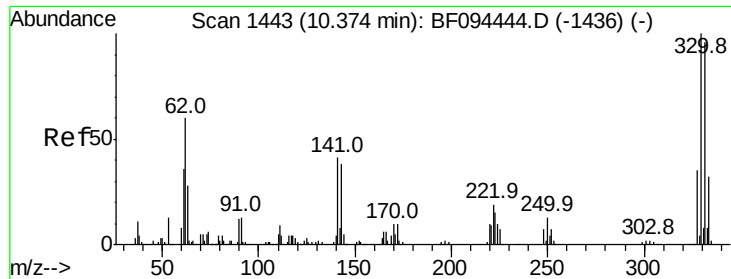
Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Tgt Ion	164	Resp	273226
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.6	123.8
160	44.7	36.2	54.2





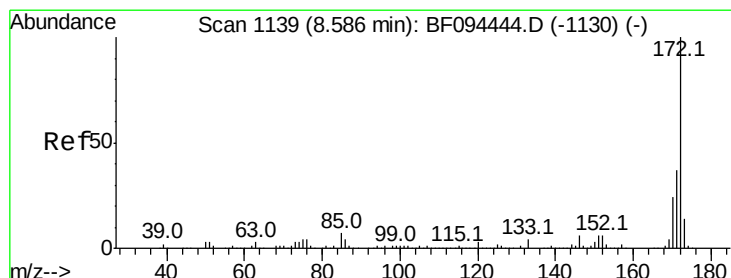
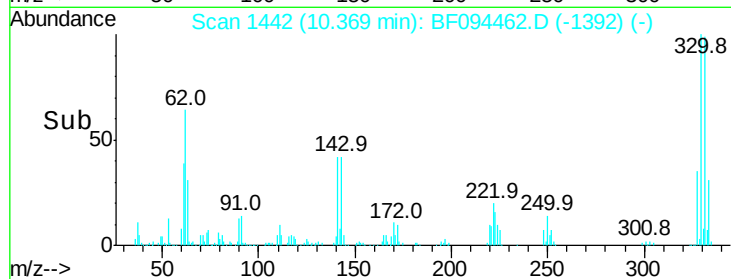
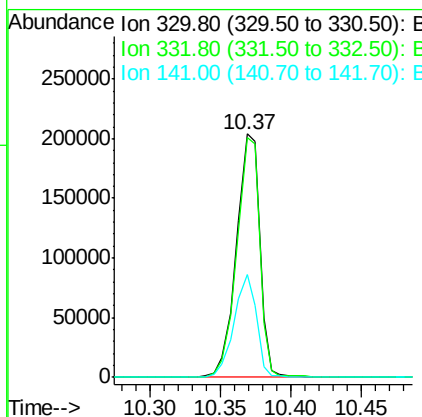
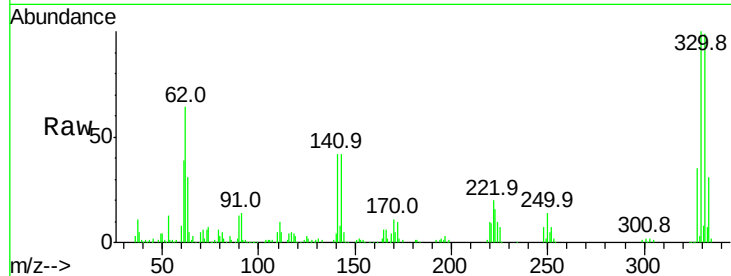
#41
 2,4,6-Tribromophenol
 Concen: 110.82 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094462.D
 Acq: 17 Apr 2017 21:09

Instrument :
 BNA_F
 ClientSampled :
 E2-XY9-WSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	236842		
332	96.7	76.6	115.0	
141	40.7	31.4	47.2	

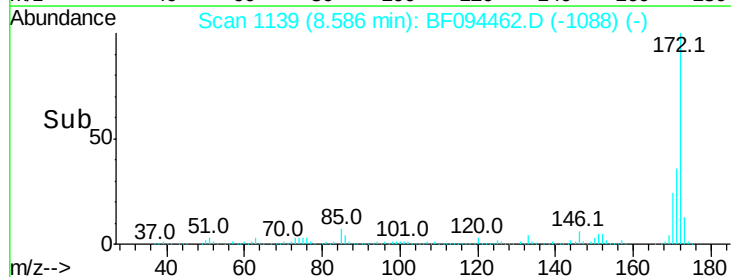
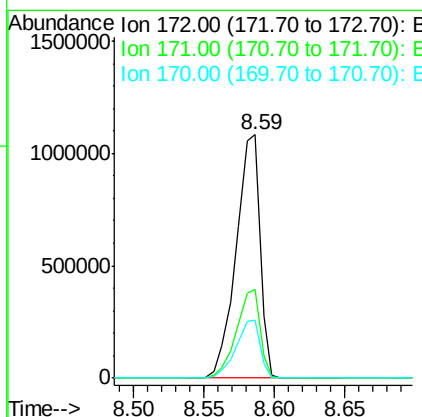
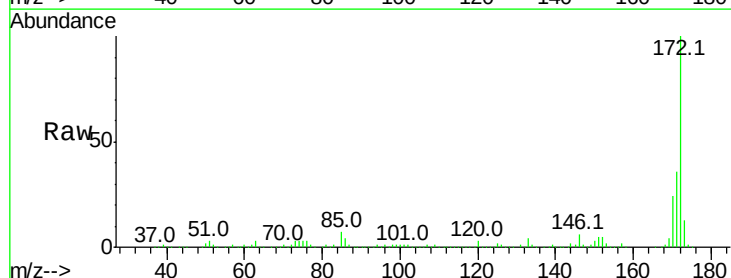
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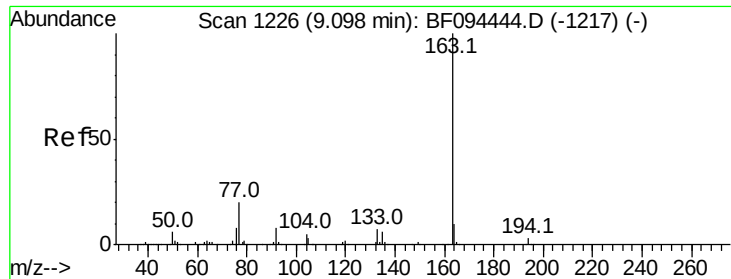
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#44
 2-Fluorobiphenyl
 Concen: 69.11 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094462.D
 Acq: 17 Apr 2017 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1283305		
171	36.4	29.6	44.4	
170	23.7	19.8	29.8	





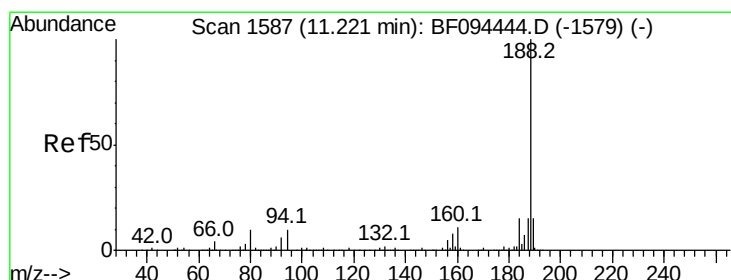
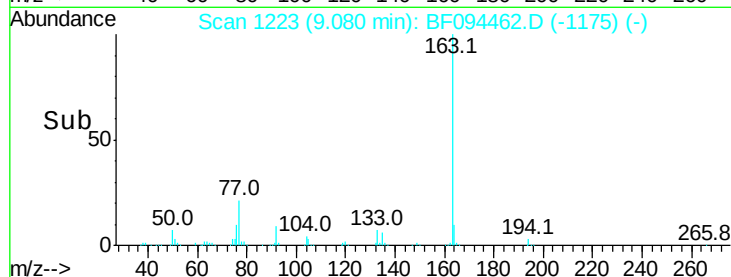
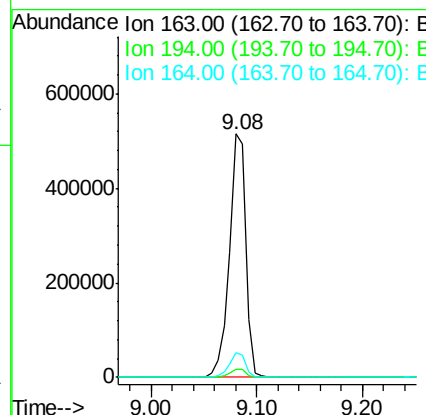
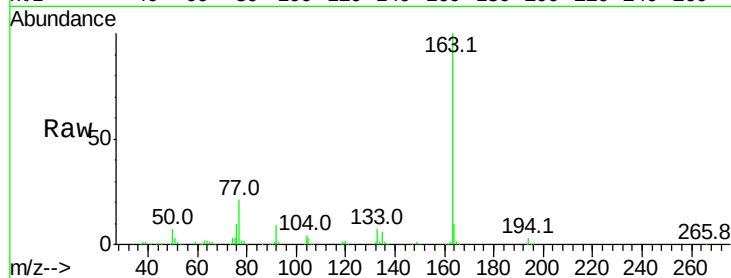
#49
Dimethylphthalate
Concen: 27.19 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :
E2-XY9-WSW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.4	8.4	12.6	

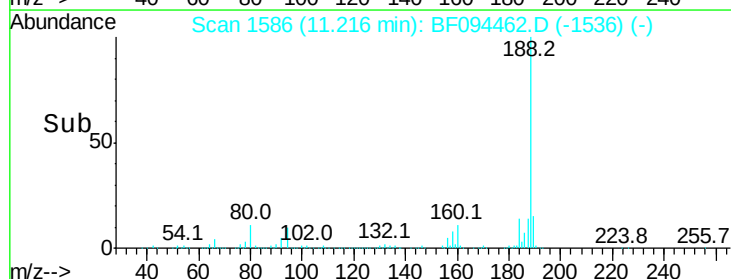
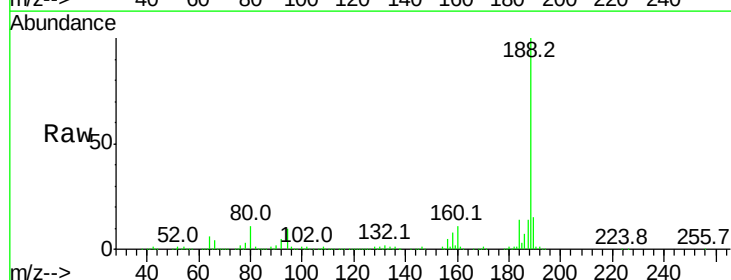
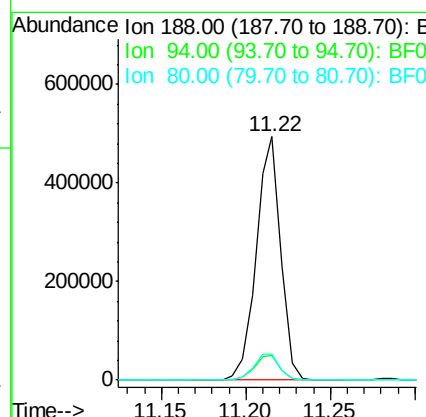
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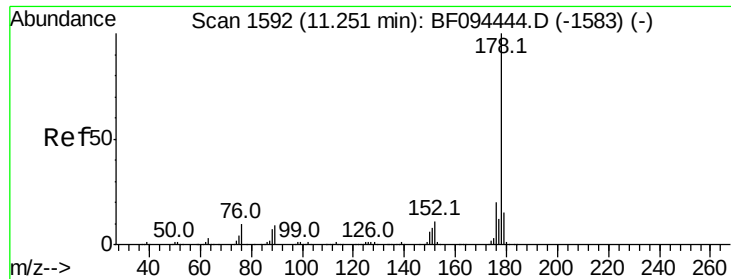
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	9.4	14.2	
80	10.7	10.2	15.2	





#70

Phenanthrene

Concen: 3.32 ng

RT: 11.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

ClientSampleId :

E2-XY9-WSW

Tot Ion:178 Resp: 93086

Ion Ratio Lower Upper

178 100

176 18.5 16.2 24.4

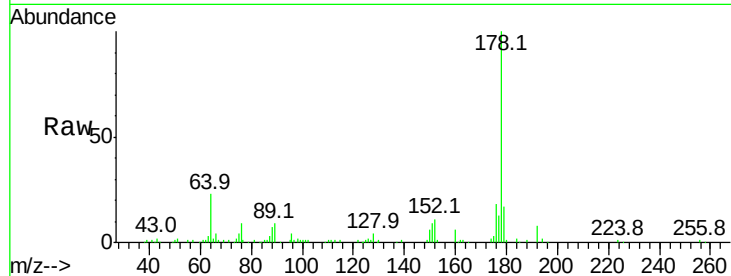
179 16.6 12.6 19.0

Manual Integrations

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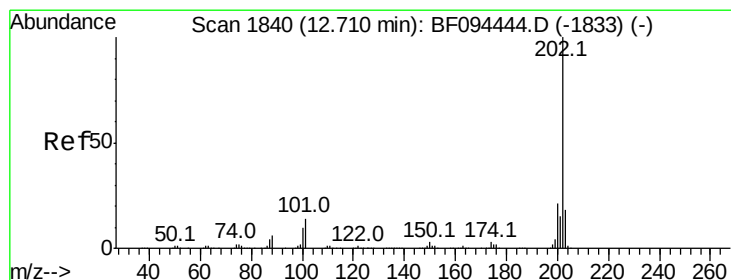
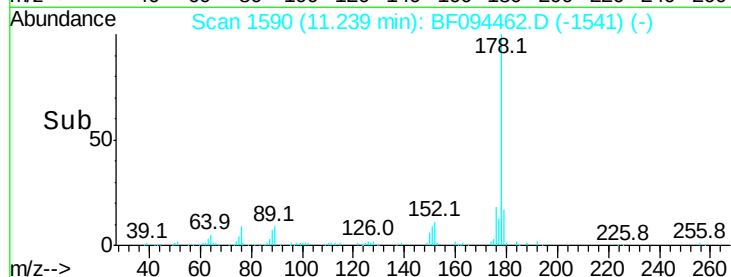
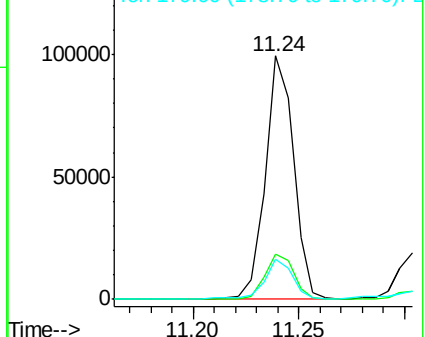
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.27 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

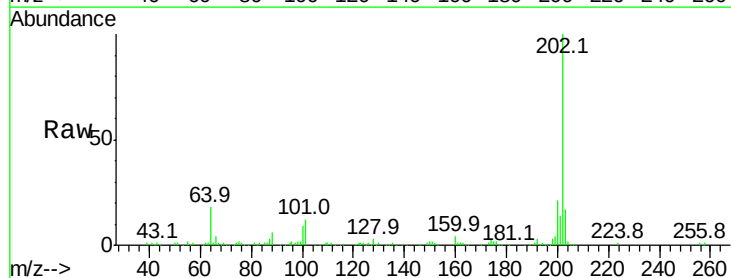
Tgt Ion:202 Resp: 124118

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

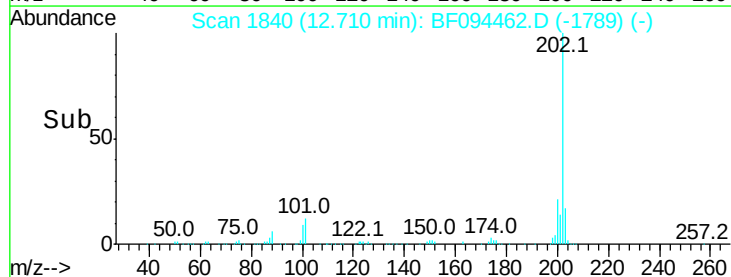
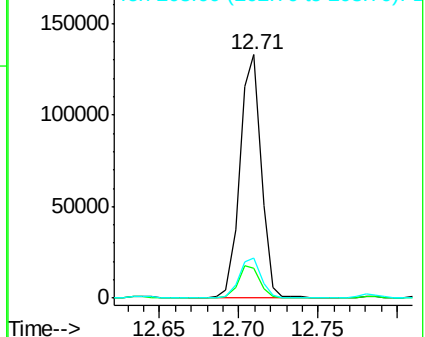
203 16.6 0.0 38.1

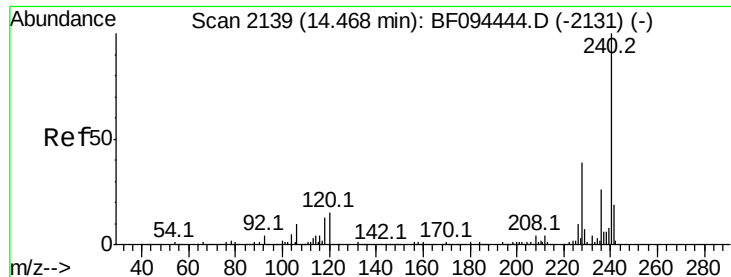


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

ClientSampleId :

E2-XY9-WSW

Tot Ion:240 Resp: 371357

Ion Ratio Lower Upper

240 100

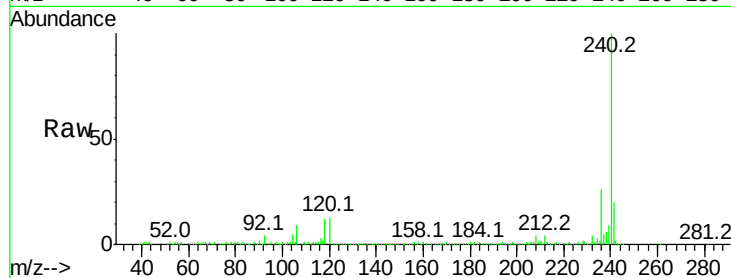
120 13.3 5.8 8.8#

236 26.1 20.5 30.7

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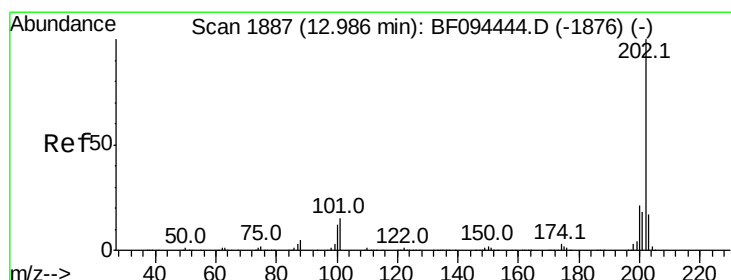
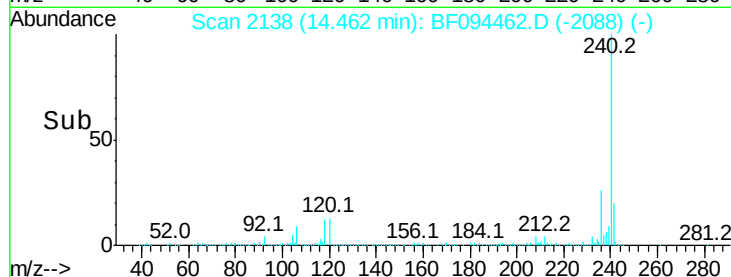
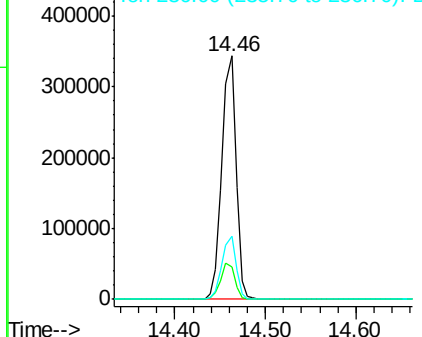
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.51 ng

RT: 12.97 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

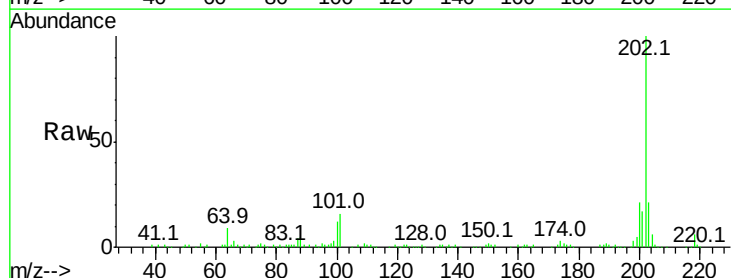
Tgt Ion:202 Resp: 117054

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

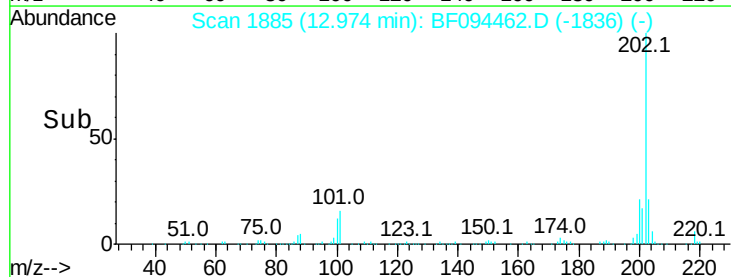
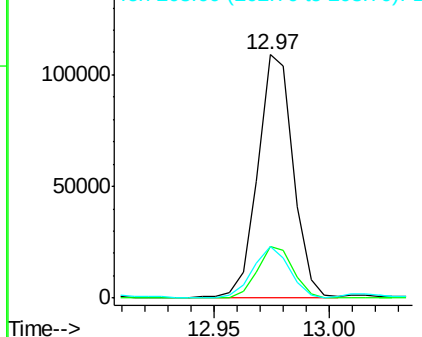
203 21.2 14.4 21.6

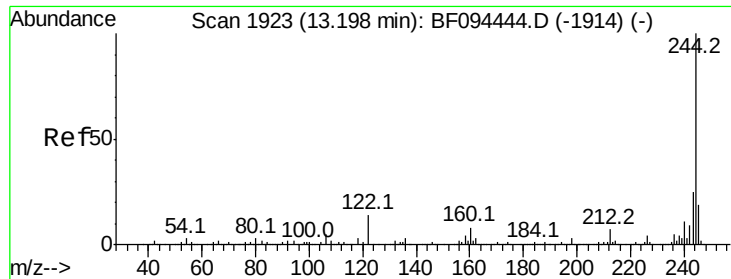


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.65 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

ClientSampleId :

E2-XY9-WSW

Tot Ion:244 Resp: 1051087

Ion Ratio Lower Upper

244 100

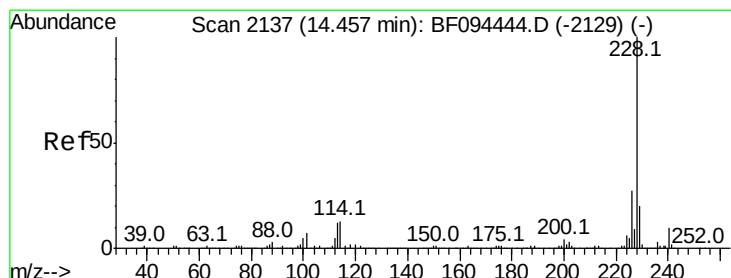
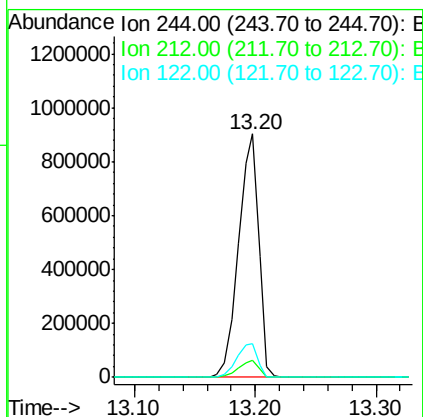
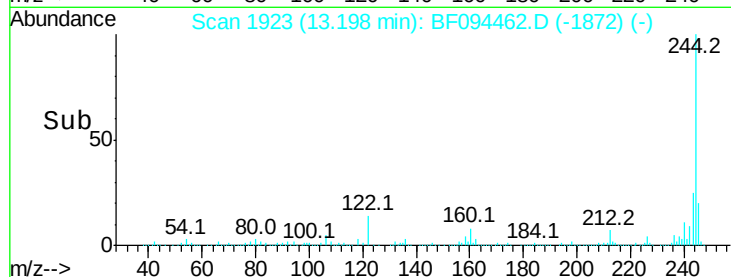
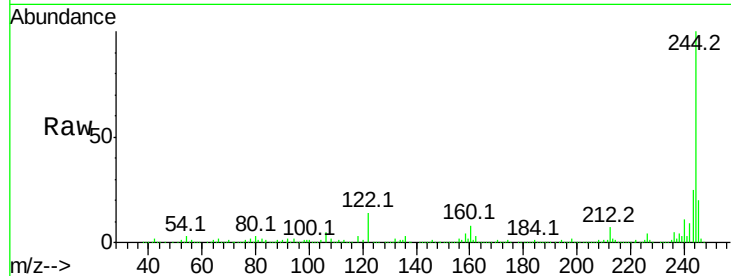
212 7.2 6.0 9.0

122 13.7 10.3 15.5

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#80

Benzo(a)anthracene

Concen: 2.09 ng

RT: 14.45 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

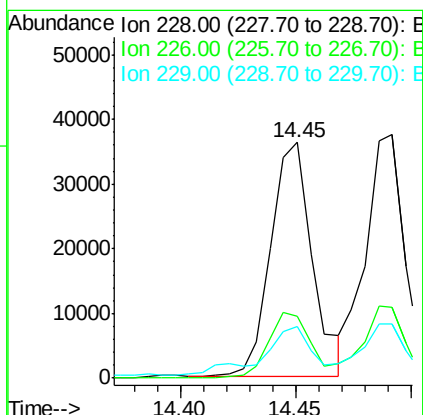
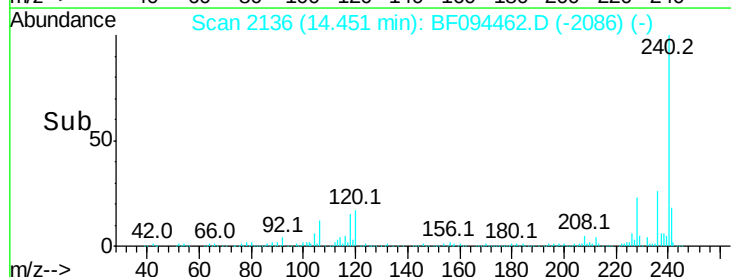
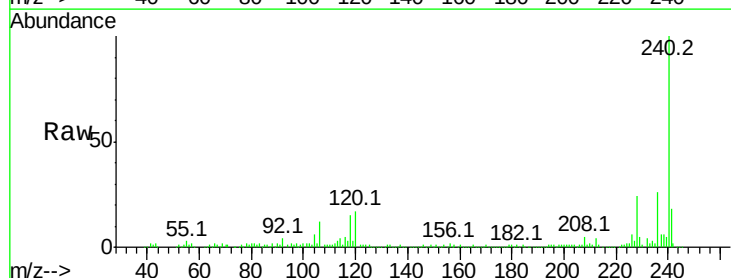
Tgt Ion:228 Resp: 45177

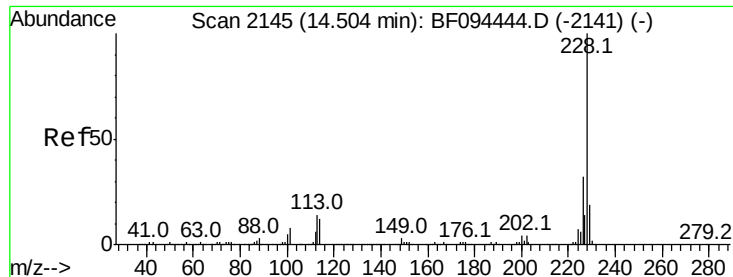
Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

229 21.7 16.3 24.5





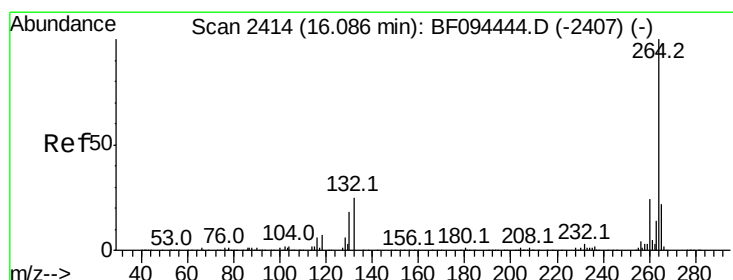
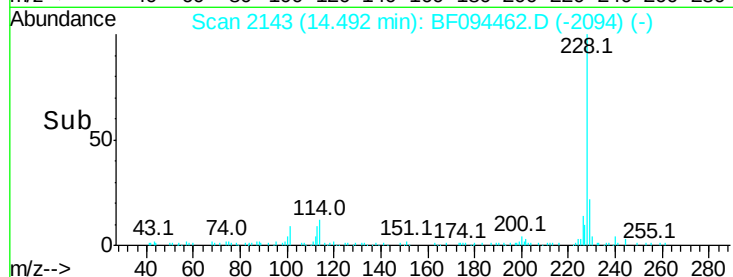
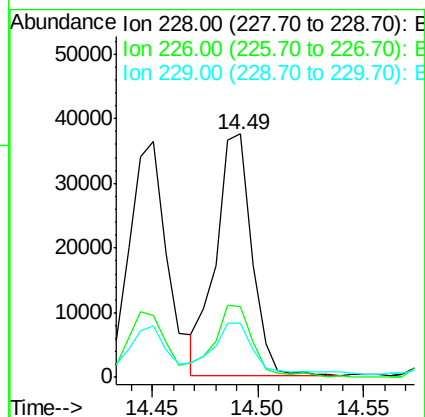
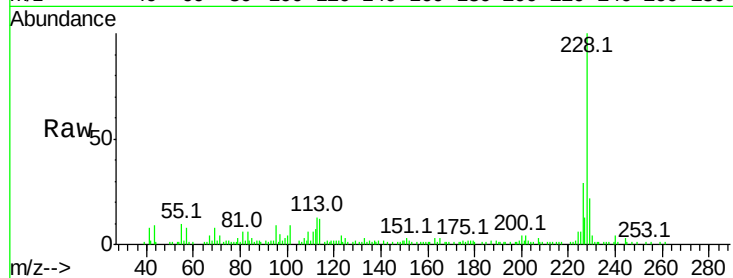
#82
Chrysene
Concen: 2.23 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :
E2-XY9-WSW

Tot Ion:228	Resp:	43899
Ion Ratio	Lower	Upper
228 100		
226 28.9	24.9	37.3
229 22.0	15.8	23.6

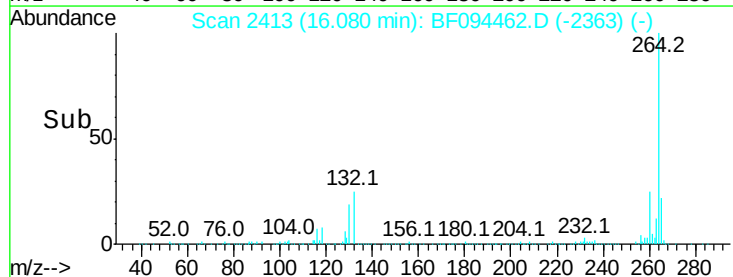
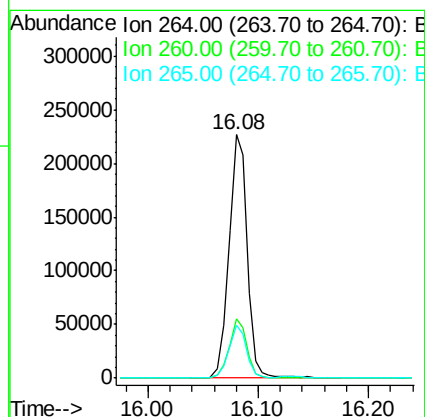
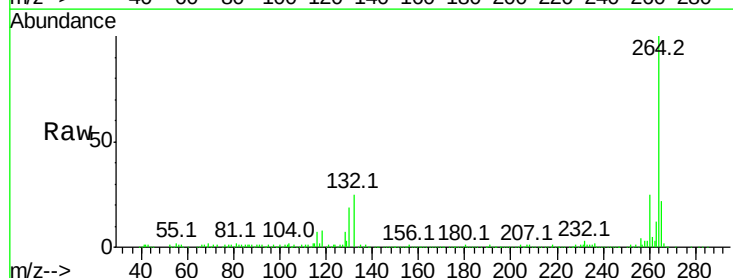
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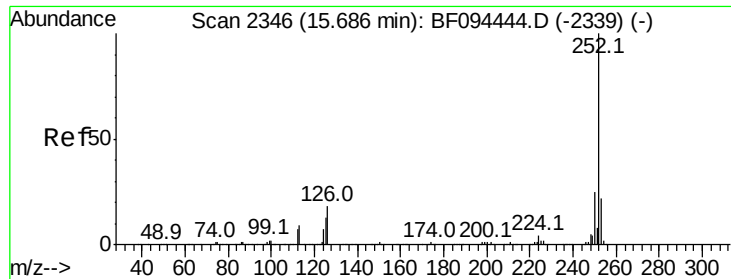
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:264	Resp:	263053
Ion Ratio	Lower	Upper
264 100		
260 24.6	19.5	29.3
265 21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.41 ng m

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BF094462.D

Acq: 17 Apr 2017 21:09

Instrument :

BNA_F

ClientSampleId :

E2-XY9-WSW

Tot Ion:	252	Resp:	38756
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.1	27.1
125	15.7	9.8	14.8#

Manual Integrations
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