

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094461.D
 Acq On : 17 Apr 2017 20:41
 Operator : SJ/MA
 Sample : I2708-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-WSW

Manual Integrations
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Quant Time: Apr 18 02:52:00 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	149811	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	597732	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	289530	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	491326	20.00	ng	0.00
75) Chrysene-d12	14.46	240	397418	20.00	ng	-0.01
86) Perylene-d12	16.08	264	272962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1142997	126.58	ng	0.01
7) Phenol-d6	5.39	99	1520423	142.83	ng	0.00
23) Nitrobenzene-d5	6.41	82	917819	94.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	298598	131.85	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1587181	80.66	ng	0.00
78) Terphenyl-d14	13.20	244	1234770	83.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.40	94	31753	2.43	ng	94
49) Dimethylphthalate	9.09	163	610489	28.29	ng	98
70) Phenanthrene	11.24	178	141508	5.11	ng	97
74) Fluoranthene	12.71	202	148462	5.18	ng	98
77) Pyrene	12.98	202	149770	5.39	ng	98
80) Benzo(a)anthracene	14.44	228	57932	2.51	ng	97
82) Chrysene	14.49	228	58519	2.77	ng	97
87) Benzo(b)fluoranthene	15.68	252	49931m	2.99	ng	
89) Benzo(a)pyrene	16.02	252	42142	2.71	ng	98
91) Benzo(g,h,i)perylene	17.72	276	27085	2.06	ng	97

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

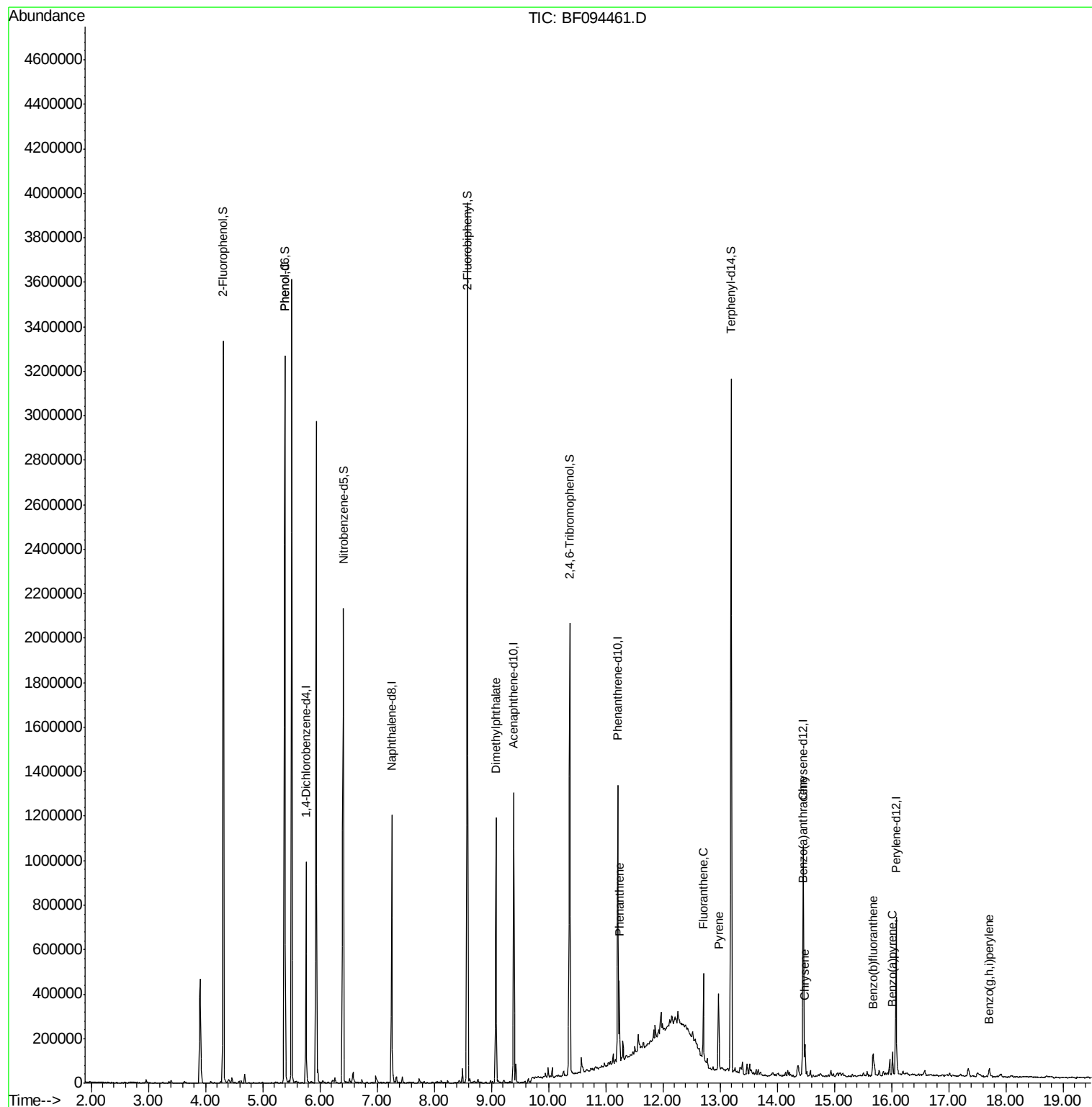
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094461.D
Acq On : 17 Apr 2017 20:41
Operator : SJ/MA
Sample : I2708-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

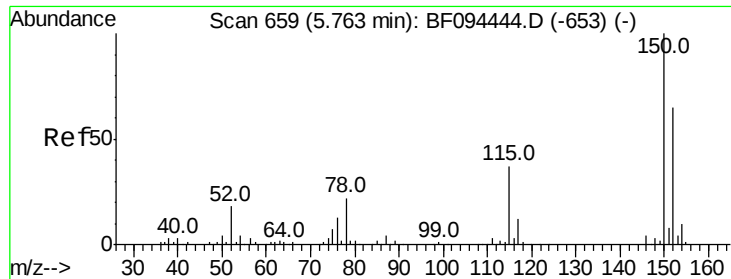
Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

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#1

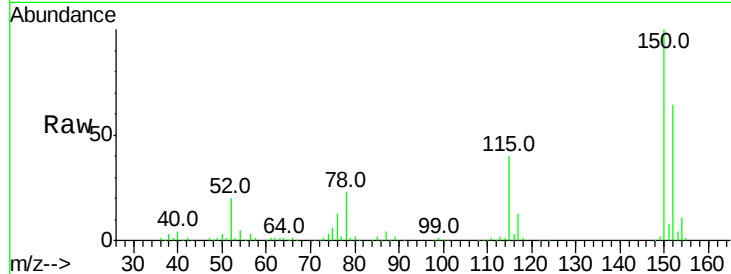
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	62.2	52.2	78.2

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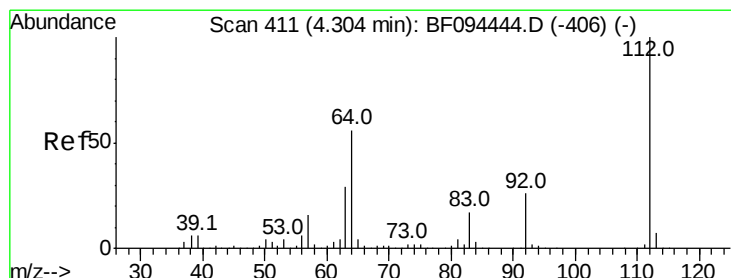
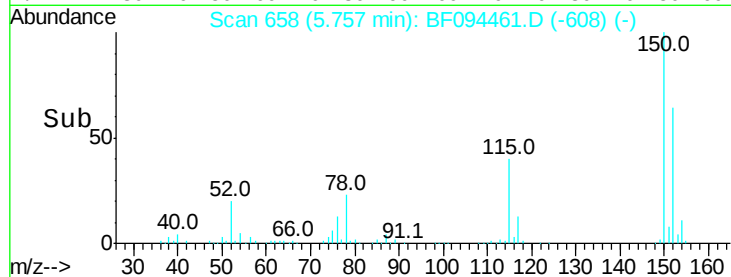
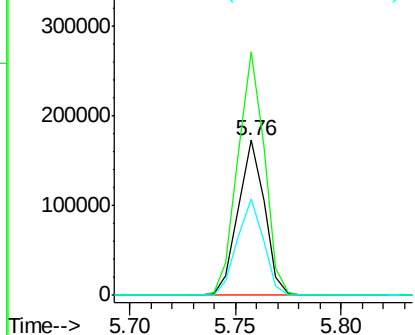


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

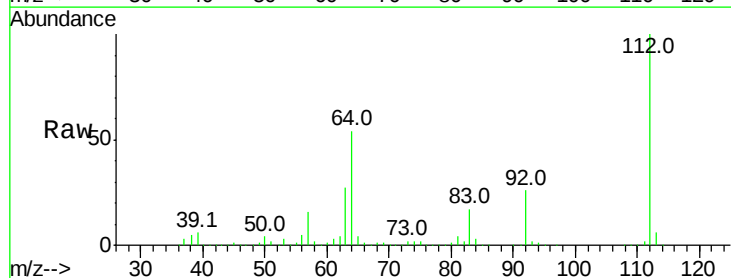
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.58 ng
RT: 4.32 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.4	23.4	35.0

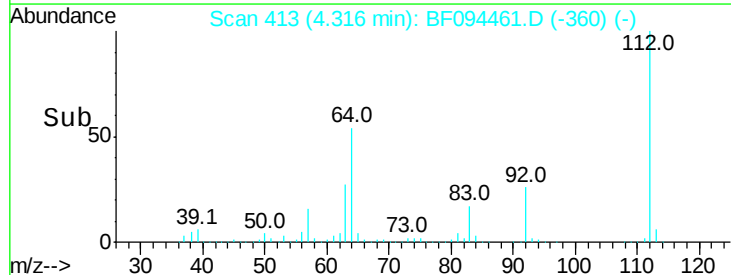
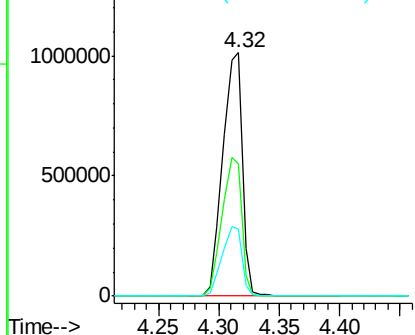


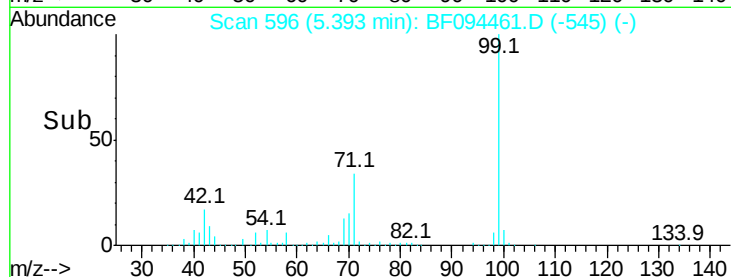
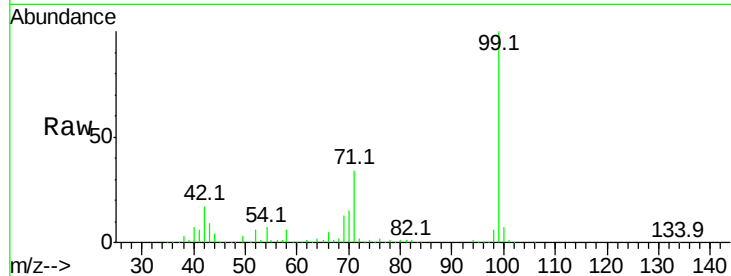
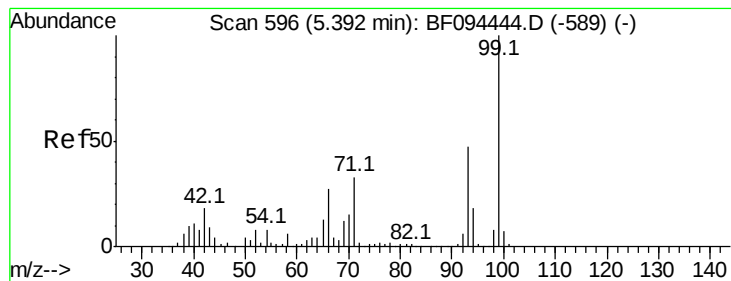
Abundance

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: 142.83 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094461.D

Acq: 17 Apr 2017 20:41

Tot Ion: 99 Resp: 1520423

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 34.0 24.5 36.7

Instrument :

BNA_F

ClientSampleId :

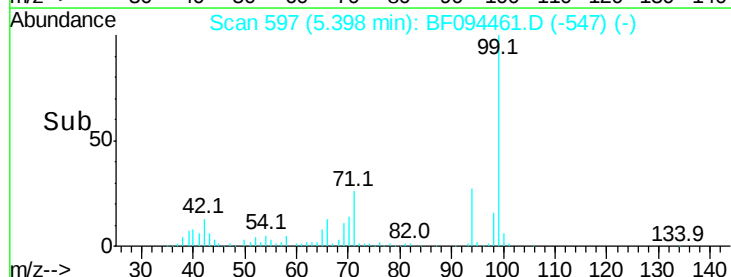
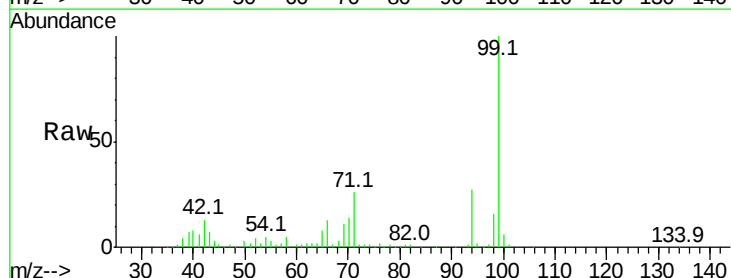
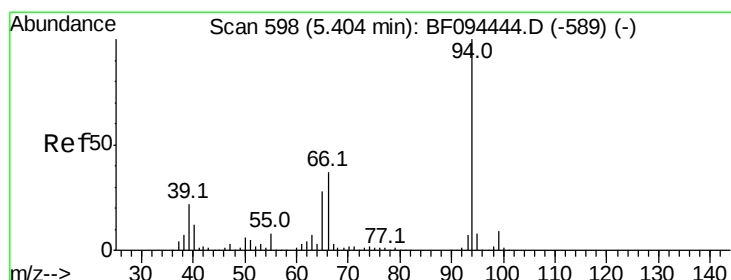
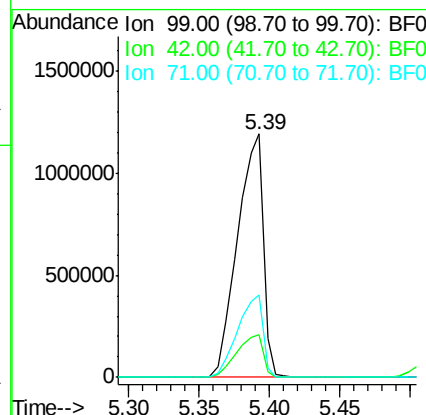
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#10

Phenol

Concen: 2.43 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF094461.D

Acq: 17 Apr 2017 20:41

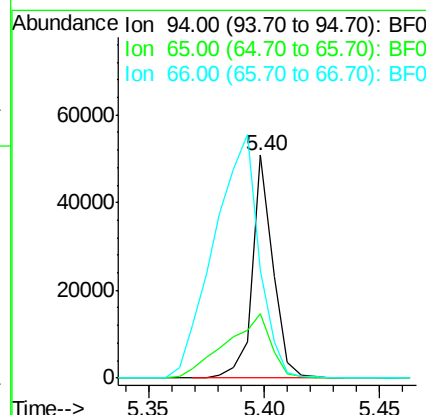
Tgt Ion: 94 Resp: 31753

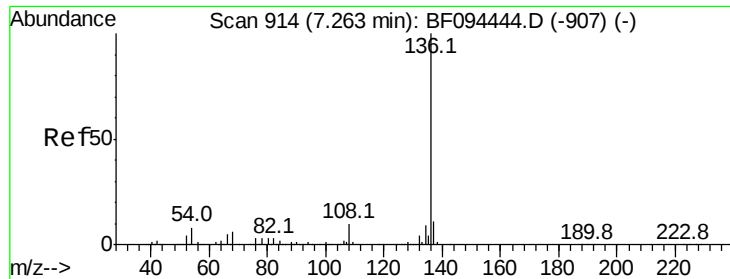
Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

66 48.3 23.1 63.1





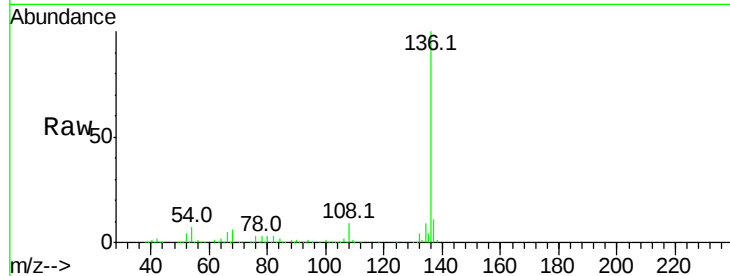
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

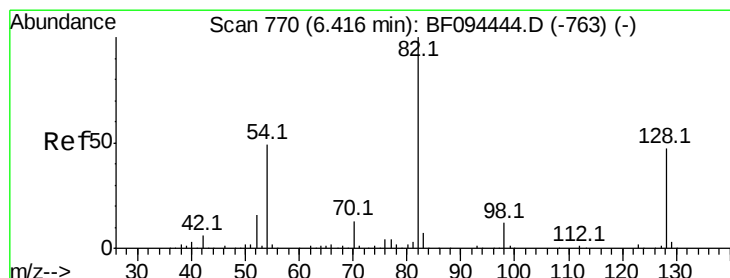
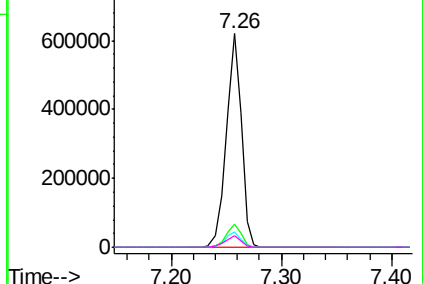
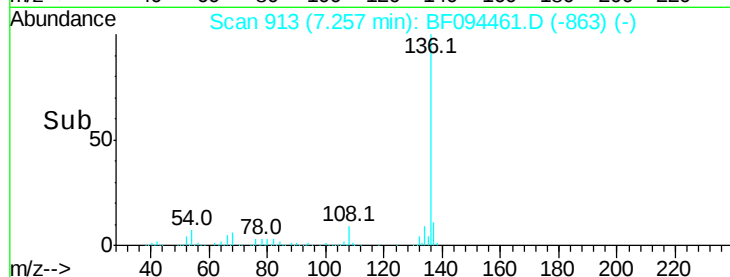
Tot Ion	Ratio	Resp	Lower	Upper
136	100	597732		
137	11.0		8.5	12.7
54	7.4		4.9	7.3#
68	5.5		4.1	6.1

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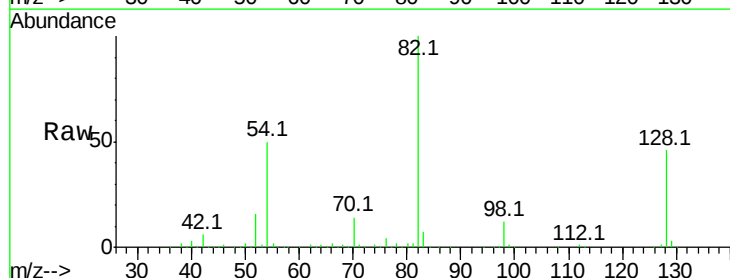


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

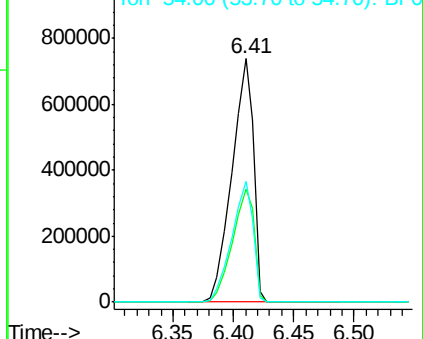
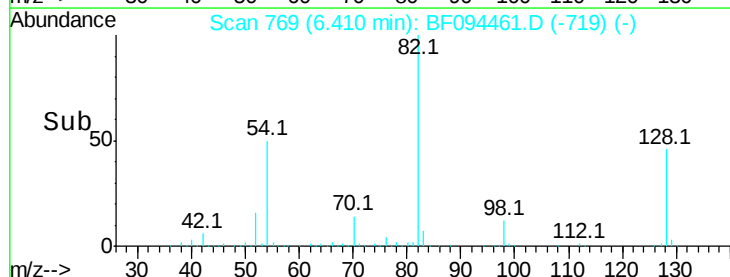


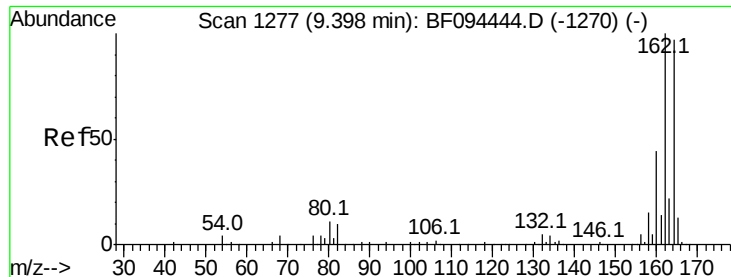
#23
Nitrobenzene-d5
Concen: 94.81 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	917819		
128	46.4		34.0	51.0
54	49.6		42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





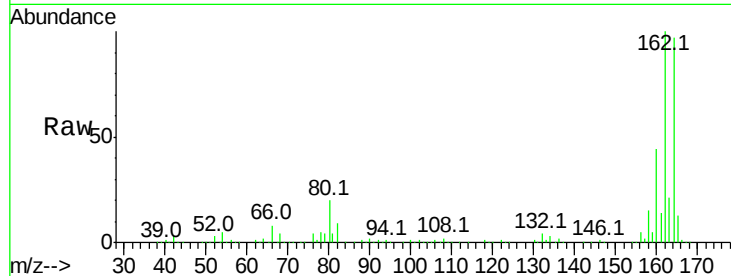
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094461.D
 Acq: 17 Apr 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y8-WSW

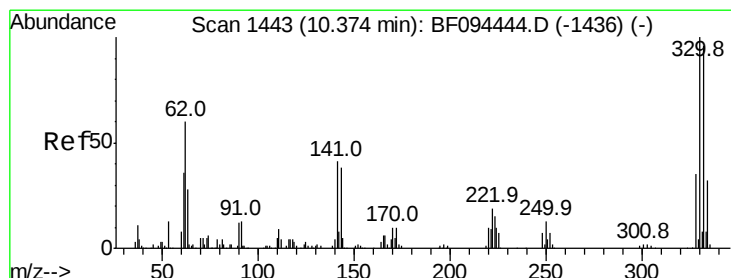
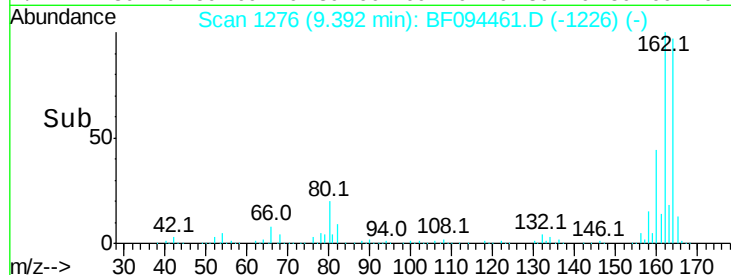
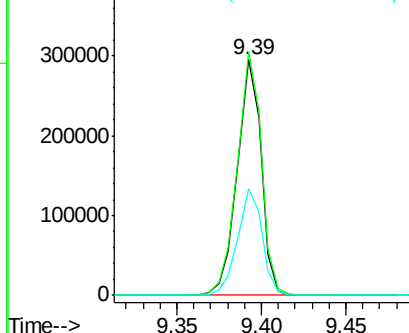
Tot Ion	Ratio	Resp	Lower	Upper
164	100	289530		
162	103.3	82.6	123.8	
160	45.5	36.2	54.2	

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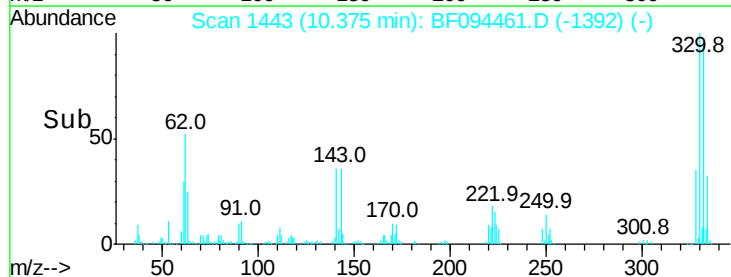
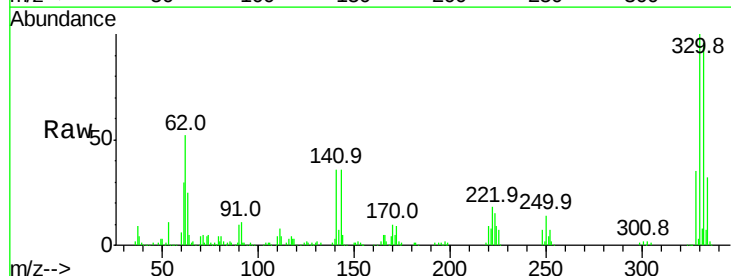
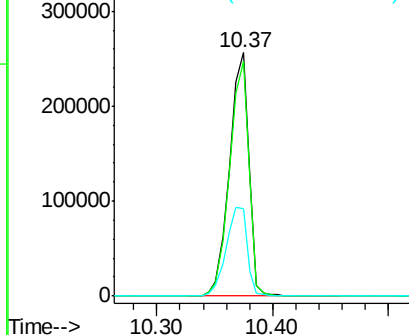
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

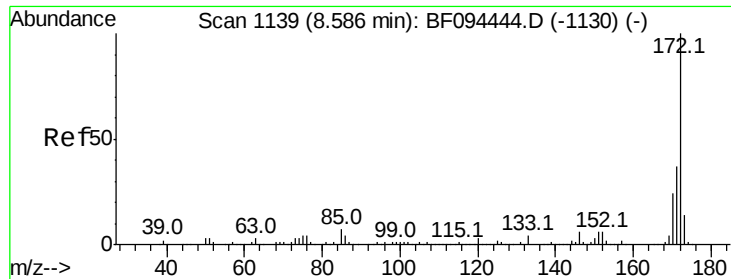


#41
 2,4,6-Tribromophenol
 Concen: 131.85 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF094461.D
 Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	298598		
332	95.9	76.6	115.0	
141	39.9	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





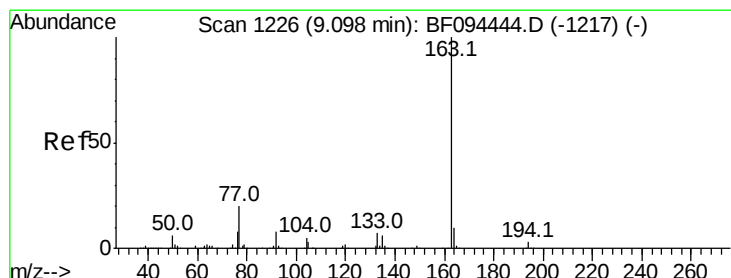
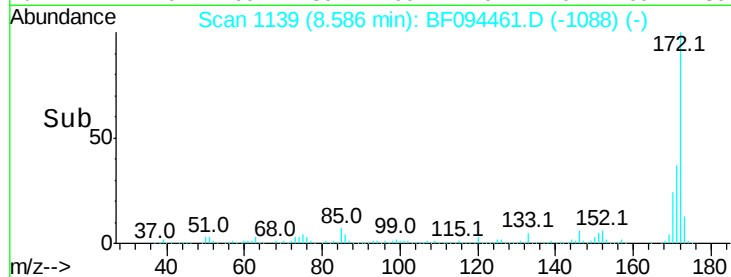
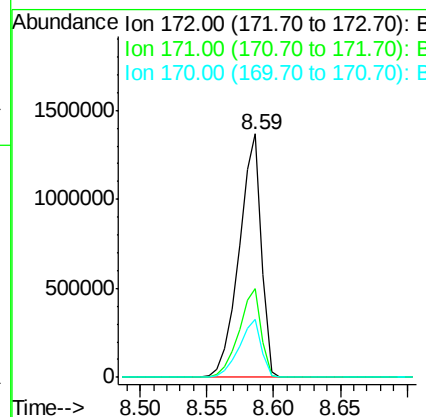
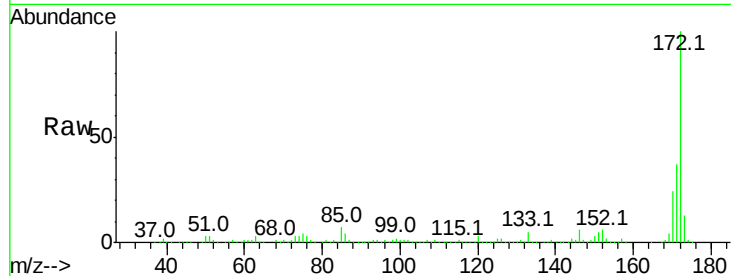
#44
2-Fluorobiphenyl
Concen: 80.66 ng
RT: 8.59 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.6	19.8	29.8

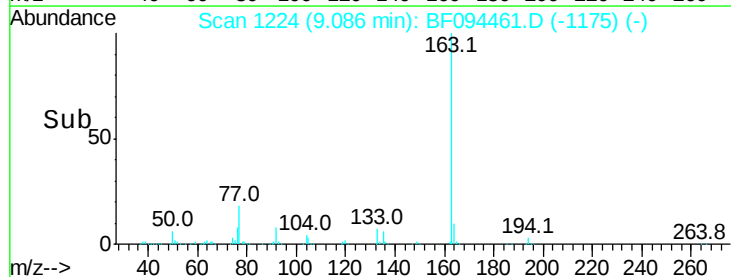
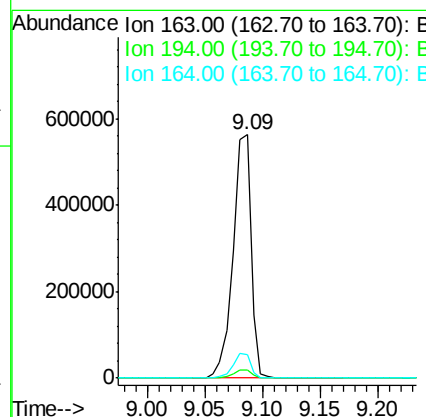
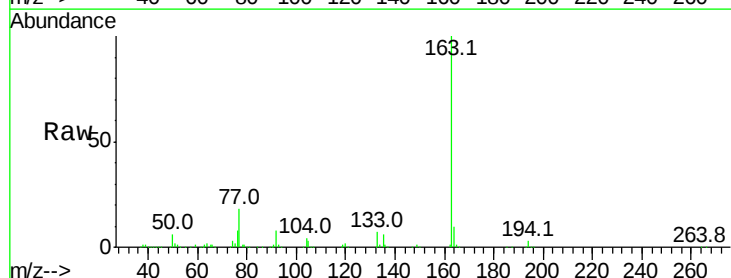
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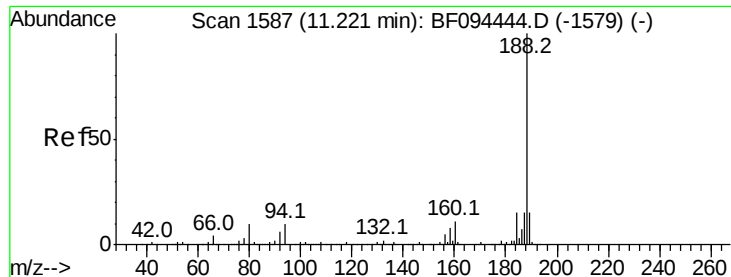
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#49
Dimethylphthalate
Concen: 28.29 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.4	12.6





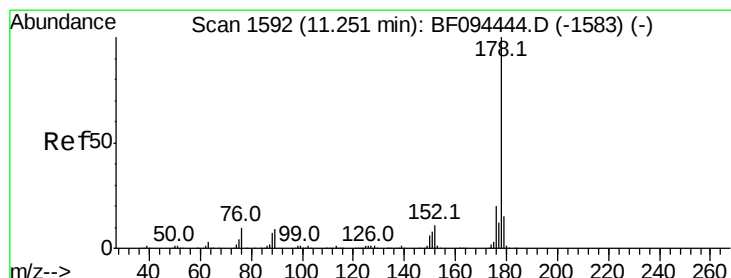
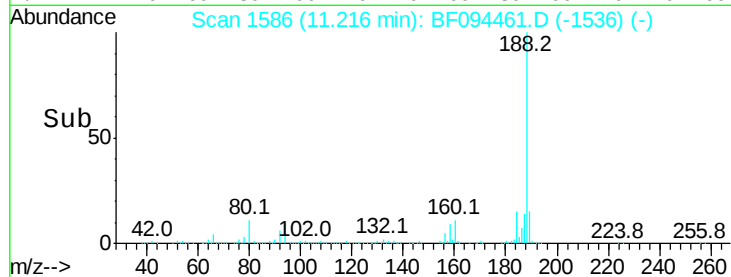
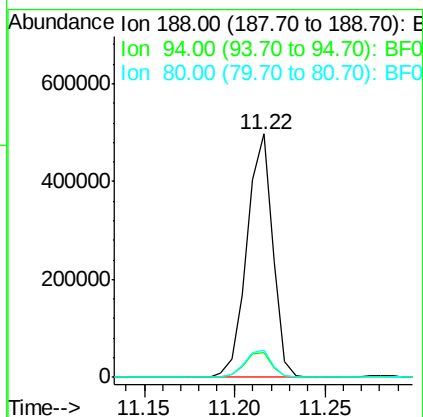
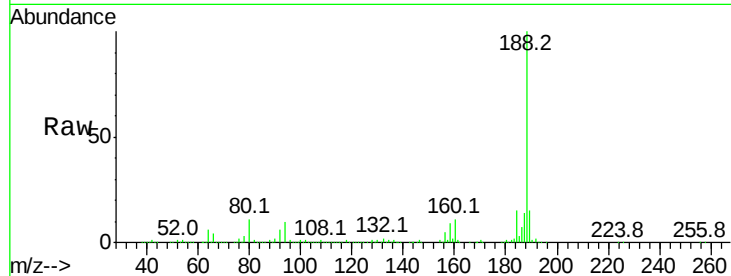
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.0	10.2	15.2

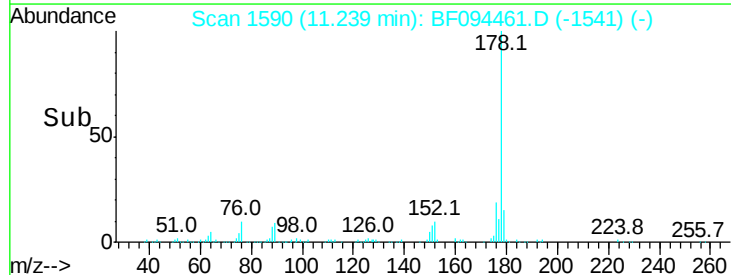
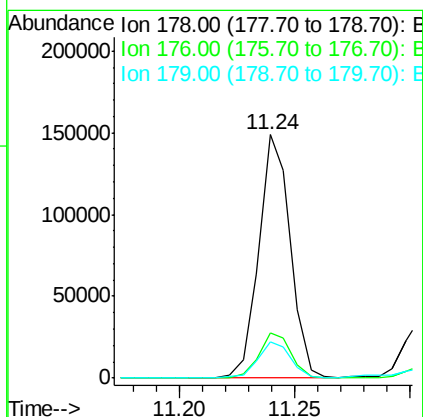
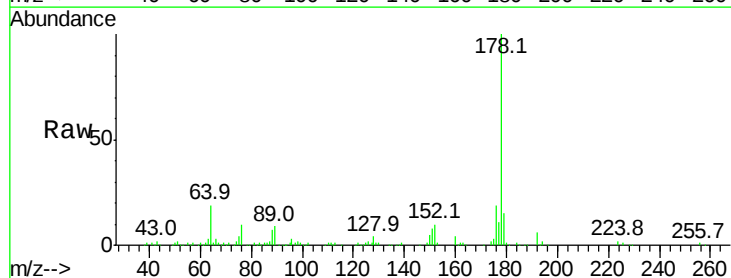
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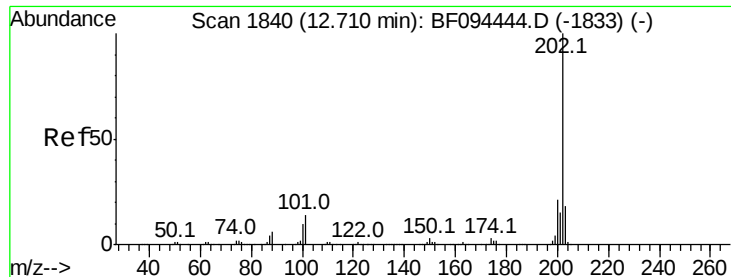
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#70
Phenanthrene
Concen: 5.11 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.8	12.6	19.0





#74

Fluoranthene

Concen: 5.18 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094461.D

Acq: 17 Apr 2017 20:41

Instrument :

BNA_F

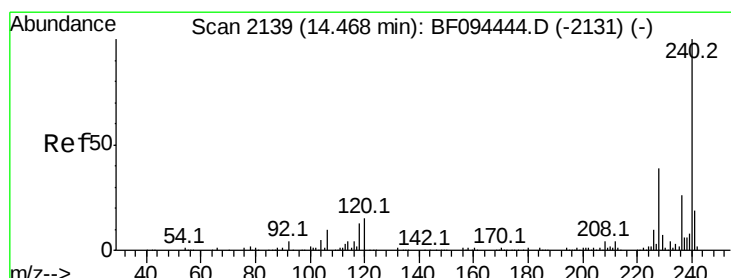
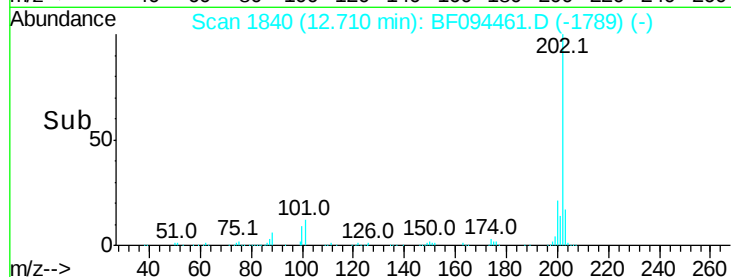
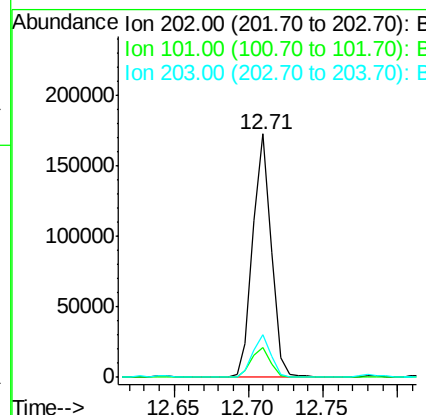
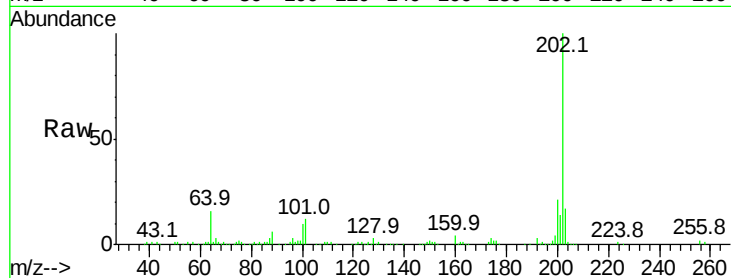
ClientSampleId :

E2-Y8-WSW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	148462		
101	12.4	0.0	33.2	
203	17.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

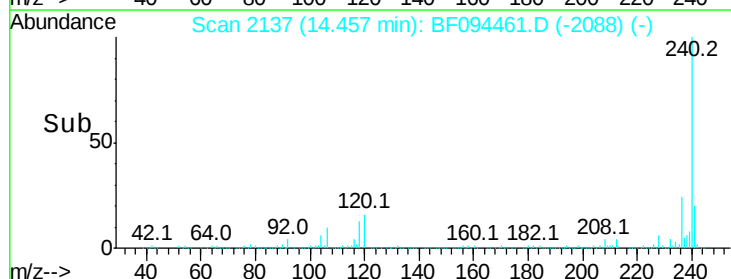
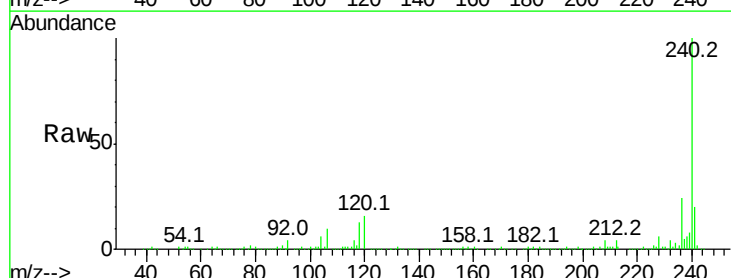
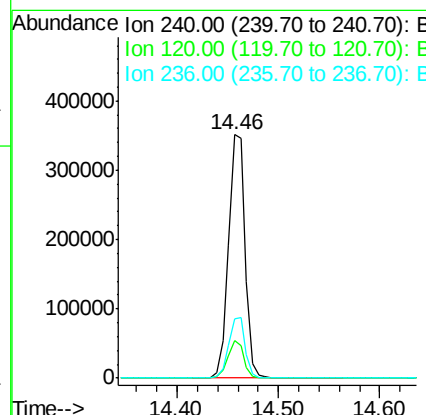
RT: 14.46 min Scan# 2137

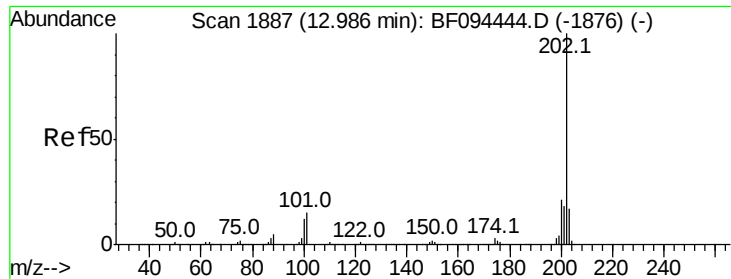
Delta R.T. -0.01 min

Lab File: BF094461.D

Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	397418		
120	15.6	5.8	8.8#	
236	24.4	20.5	30.7	





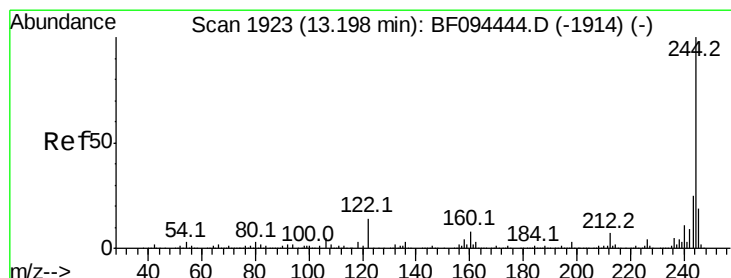
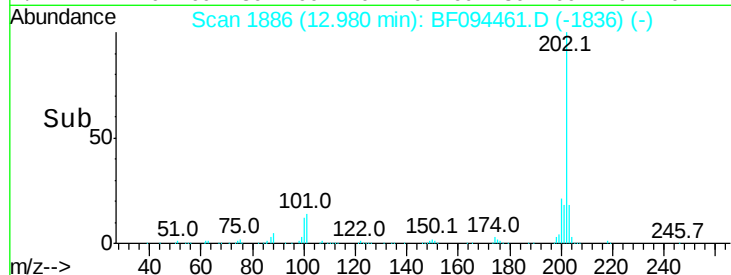
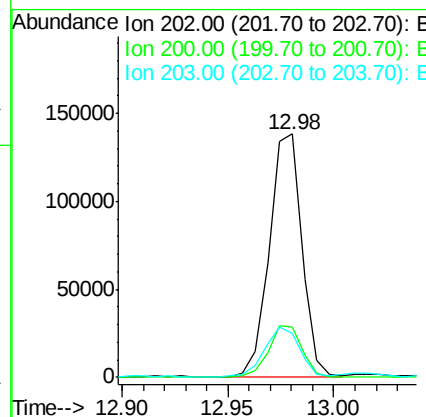
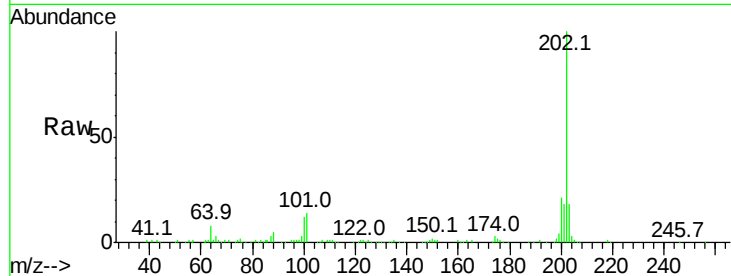
#77
Pvrene
Concen: 5.39 ng
RT: 12.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.2	14.4	21.6

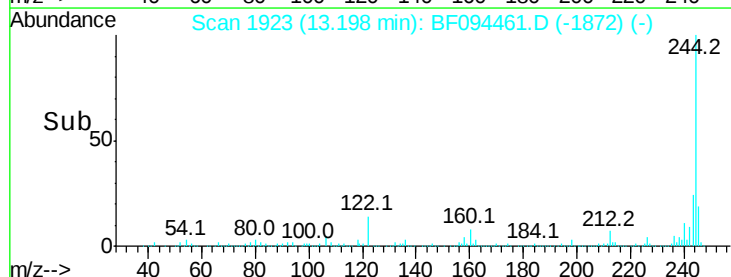
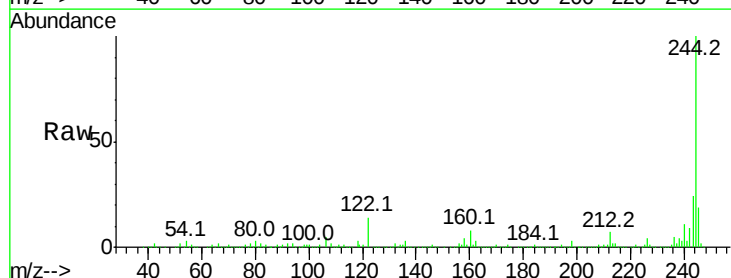
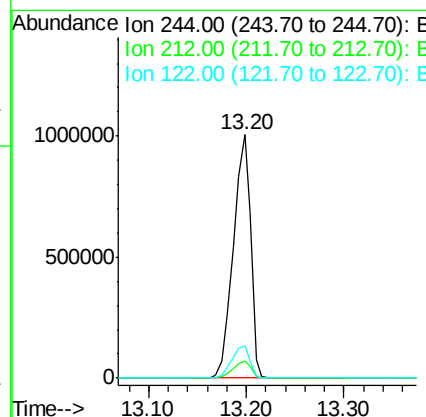
Manual Integrations
APPROVED

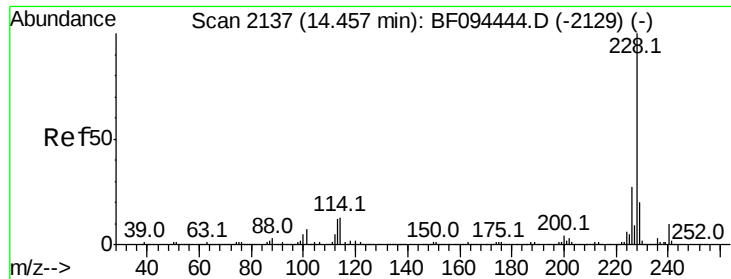
mohammad
4/18/2017 4:55:39 PM



#78
Terphenyl-d14
Concen: 83.05 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5





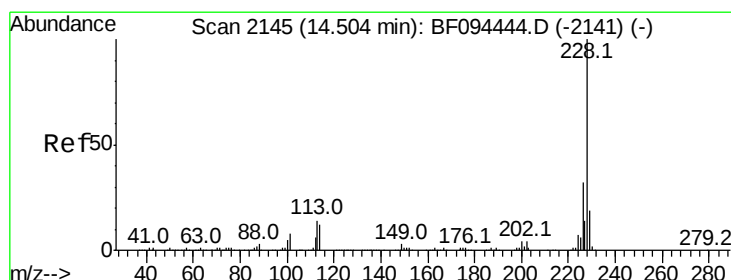
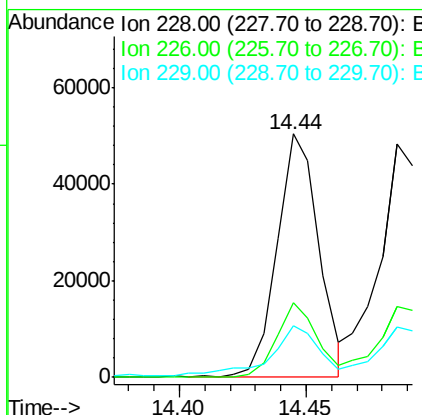
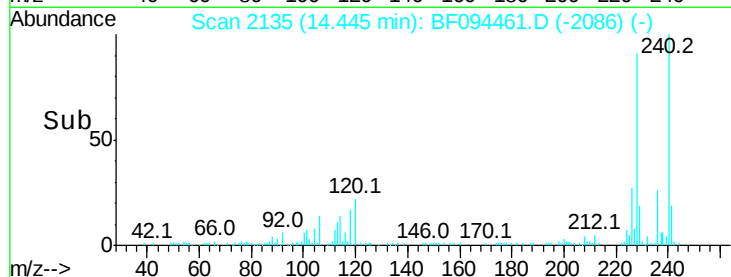
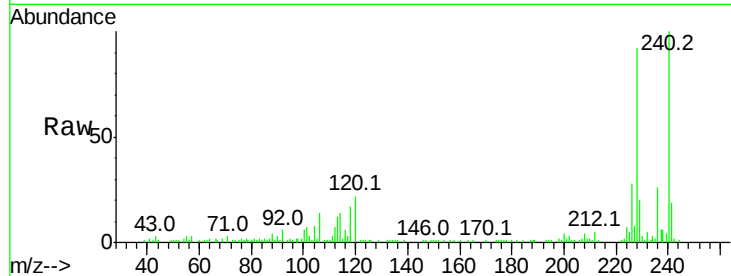
#80
Benzo(a)anthracene
Concen: 2.51 ng
RT: 14.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.3	16.3	24.5

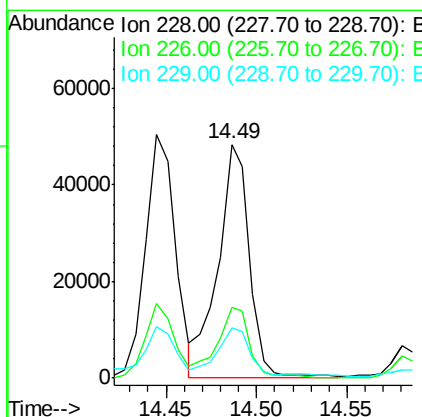
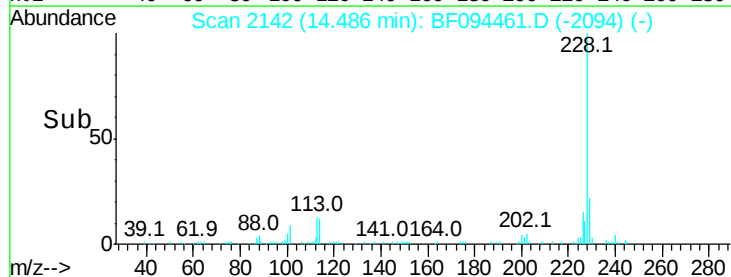
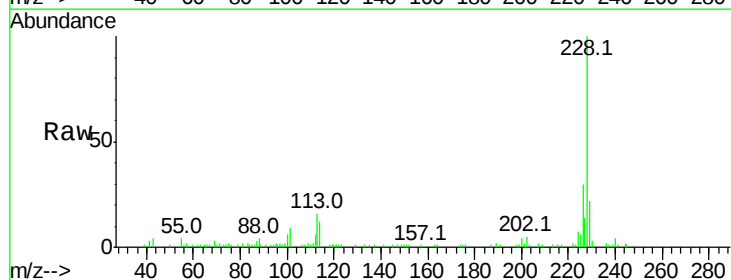
Manual Integrations
APPROVED

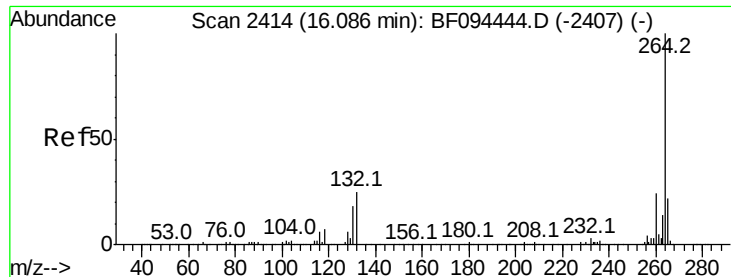
mohammad
4/18/2017 4:55:39 PM



#82
Chrysene
Concen: 2.77 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.5	15.8	23.6





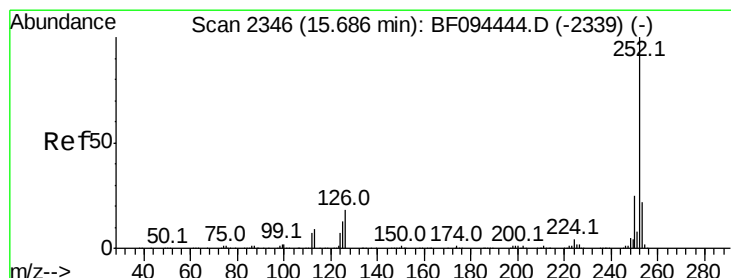
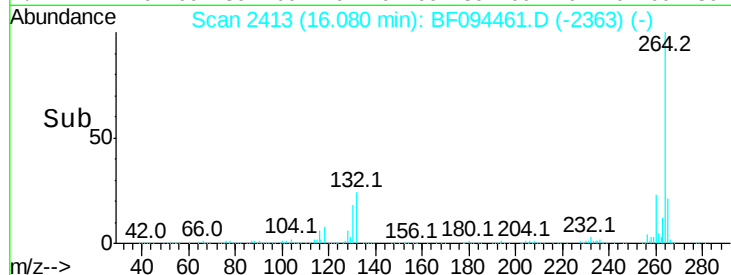
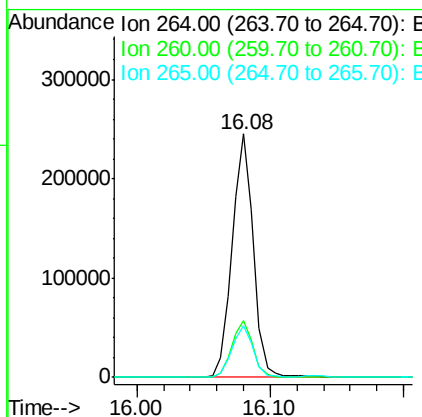
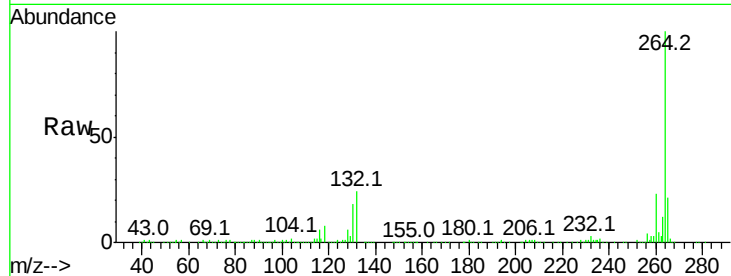
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampleId :
E2-Y8-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8

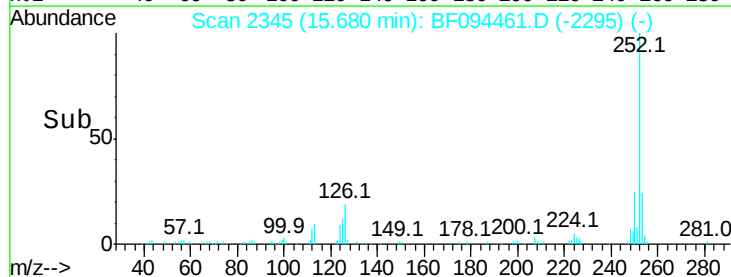
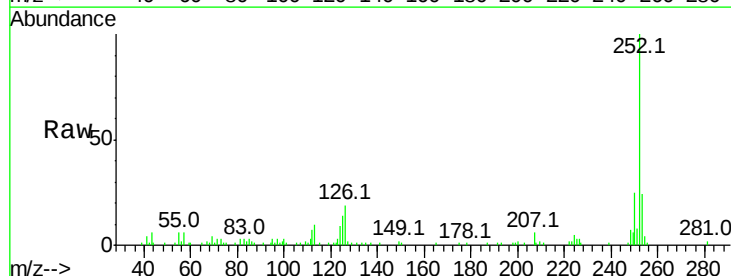
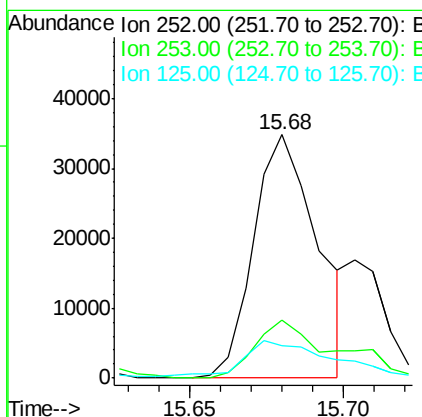
Manual Integrations
APPROVED

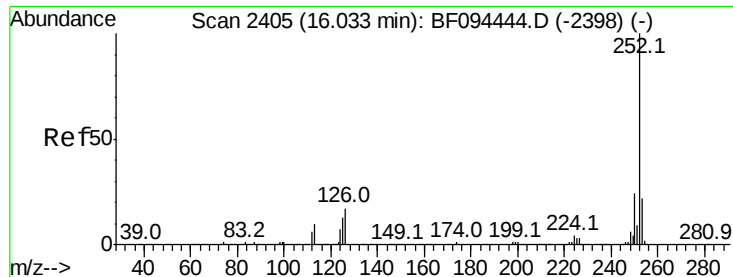
mohammad
4/18/2017 4:55:39 PM



#87
Benzo(b)fluoranthene
Concen: 2.99 ng m
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.5	9.8	14.8





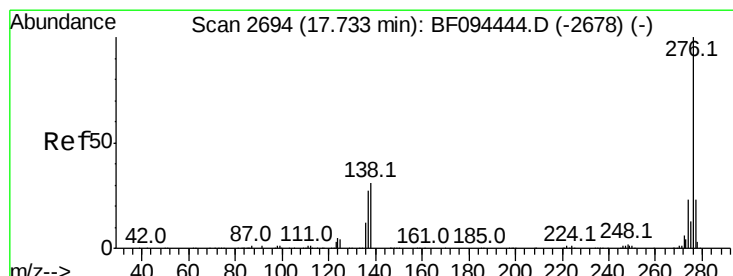
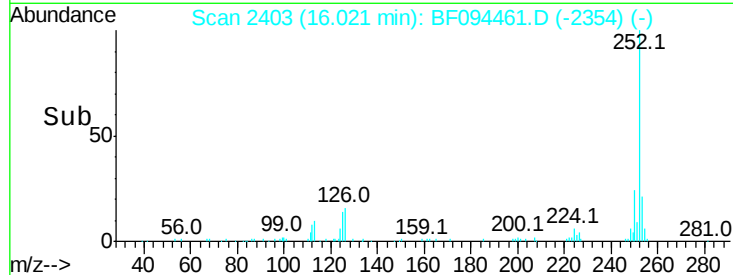
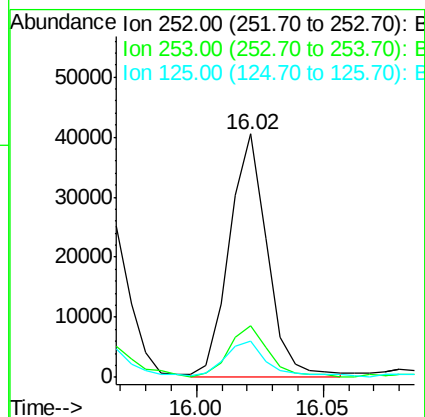
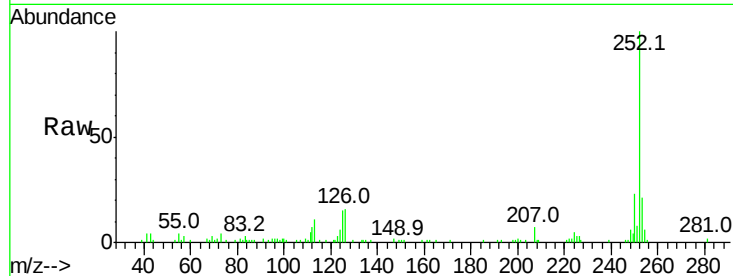
#89
Benzo(a)pyrene
Concen: 2.71 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Instrument :
BNA_F
ClientSampled :
E2-Y8-WSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/18/2017 4:55:39 PM



#91
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.02 min
Lab File: BF094461.D
Acq: 17 Apr 2017 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	29.6	25.4	38.0

