

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094472.D
 Acq On : 18 Apr 2017 1:43
 Operator : SJ/MA
 Sample : I2708-10 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y9-BASE

Manual Integrations
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Quant Time: Apr 18 05:06:15 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	162250	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	623450	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	269389	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	480979	20.00	ng	0.00
75) Chrysene-d12	14.46	240	315268	20.00	ng	0.00
86) Perylene-d12	16.09	264	266744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.29	112	113585	11.61	ng	-0.01
7) Phenol-d6	5.37	99	148163	12.85	ng	-0.02
23) Nitrobenzene-d5	6.40	82	86437	8.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	22679	10.76	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	166156	9.08	ng	0.00
78) Terphenyl-d14	13.19	244	111431	9.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	40305	2.01	ng	98
70) Phenanthrene	11.24	178	131557	4.86	ng	99
74) Fluoranthene	12.70	202	496100	17.67	ng	98
77) Pyrene	12.98	202	503197	22.85	ng	98
80) Benzo(a)anthracene	14.45	228	210561	11.49	ng	99
82) Chrysene	14.49	228	186921	11.16	ng	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	110178	6.91	ng	96
87) Benzo(b)fluoranthene	15.69	252	232734m	14.26	ng	
88) Benzo(k)fluoranthene	15.71	252	93332m	6.04	ng	
89) Benzo(a)pyrene	16.03	252	188577	12.42	ng	99
91) Benzo(g,h,i)perylene	17.72	276	102190	7.96	ng	98

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

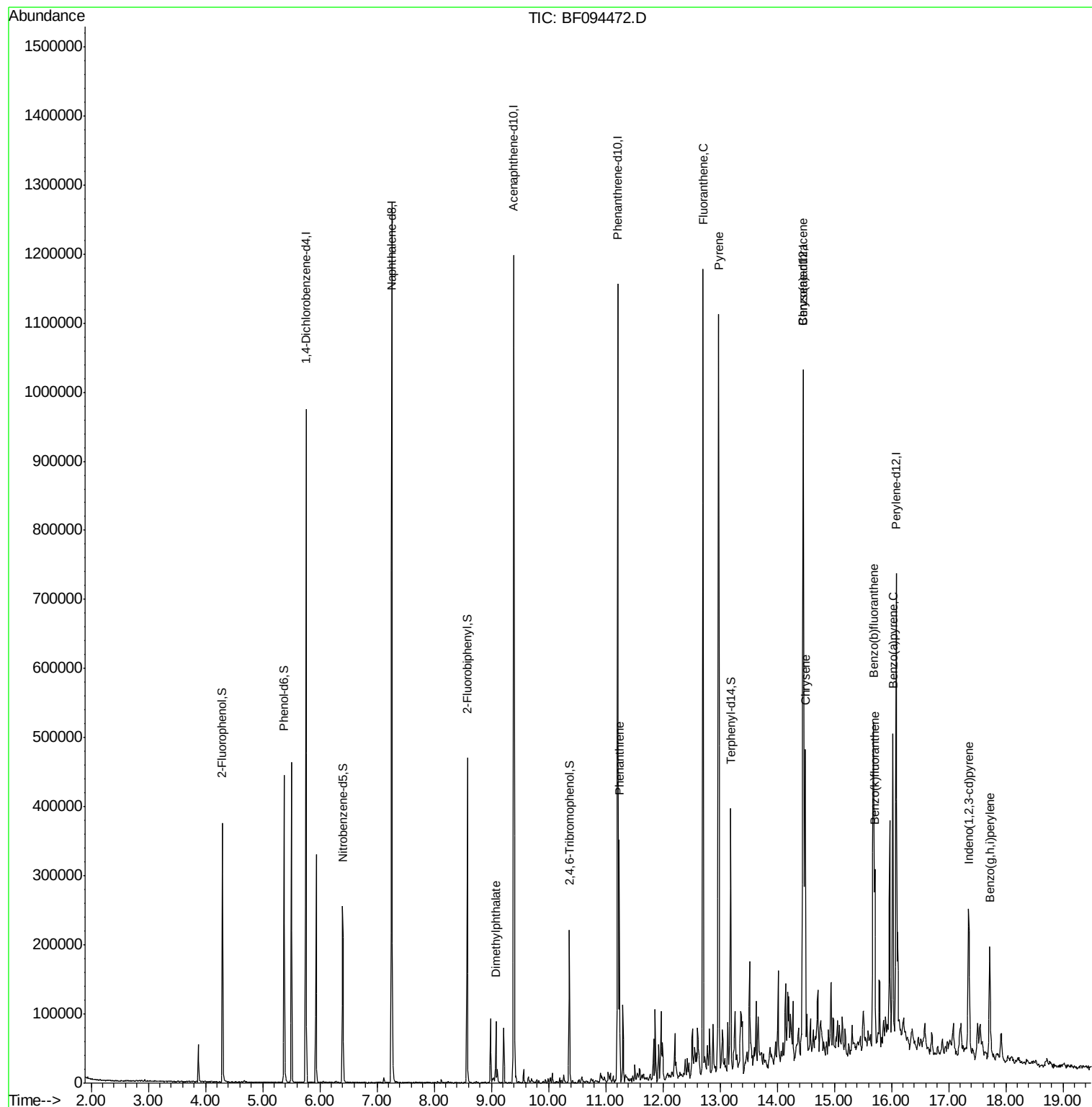
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094472.D
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Operator : SJ/MA
Sample : I2708-10 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

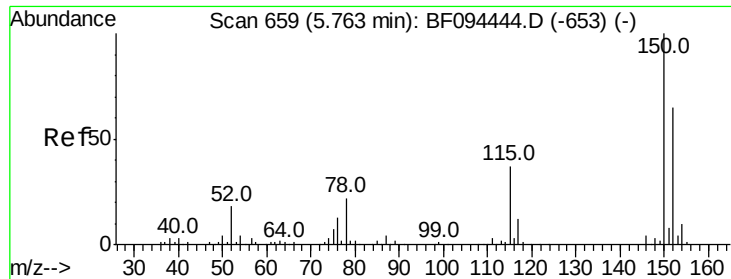
Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

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Quant Time: Apr 18 05:06:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

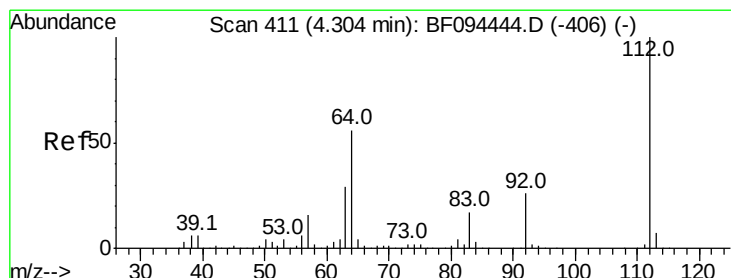
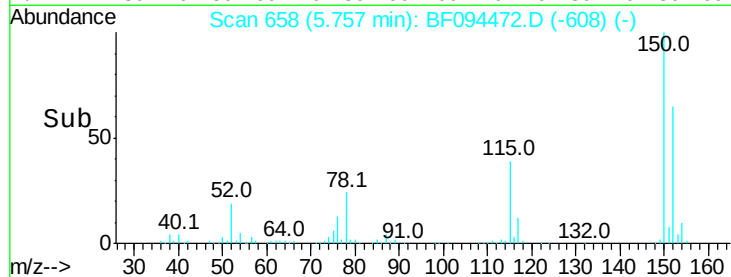
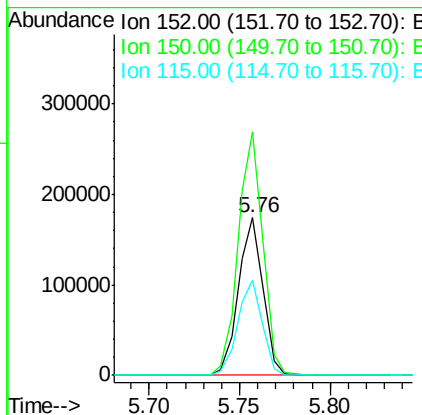
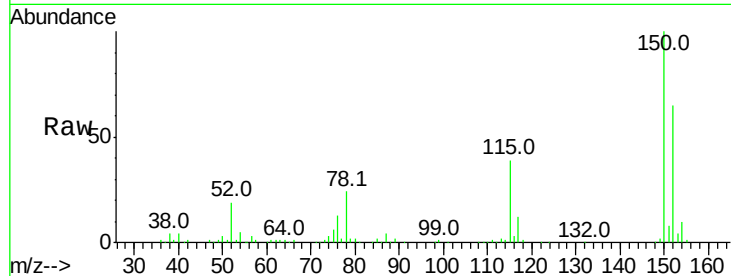
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	60.8	52.2	78.2

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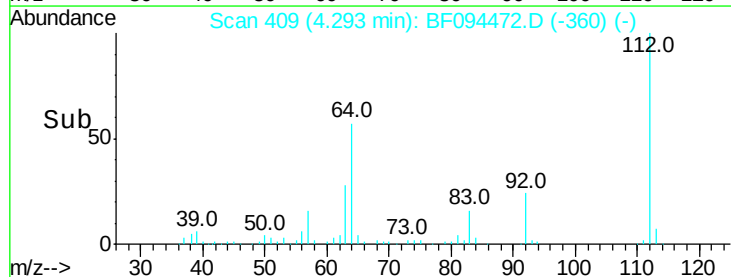
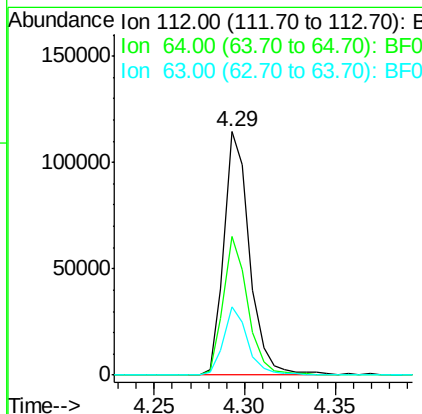
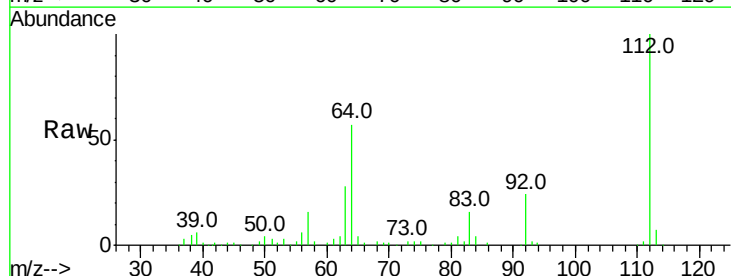
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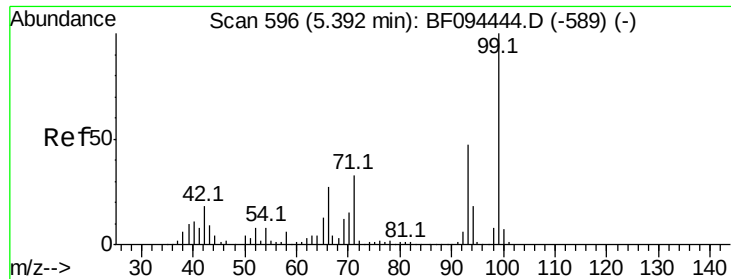


#5

2-Fluorophenol
Concen: 11.61 ng
RT: 4.29 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.2	23.4	35.0





#7

Phenol-d6

Concen: 12.85 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Instrument :

BNA_F

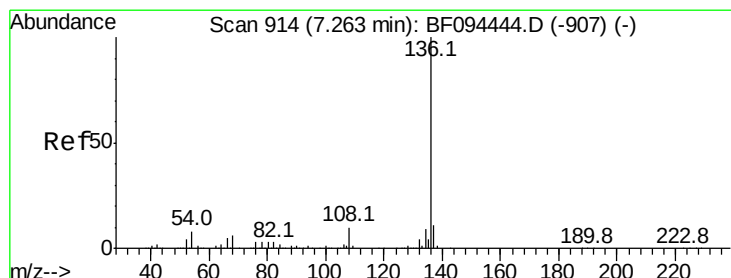
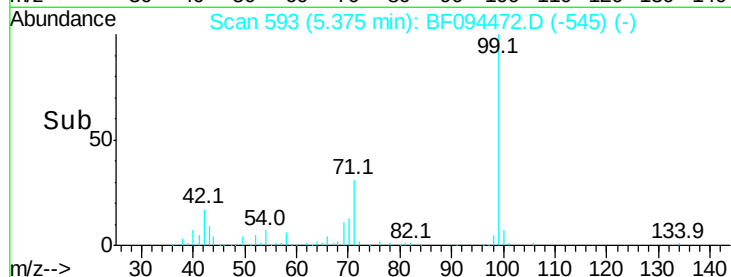
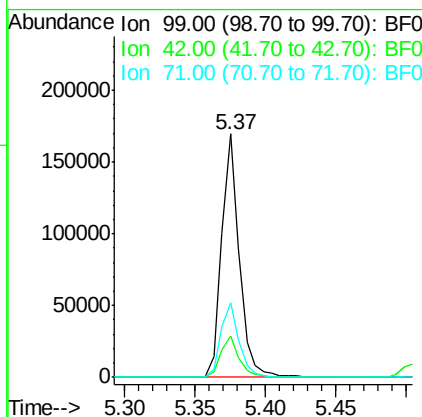
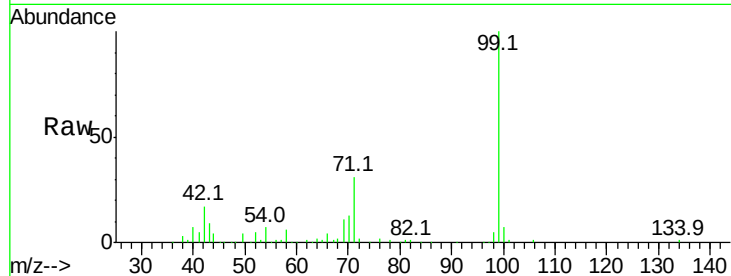
ClientSampleId :

E2-Y9-BASE

Tot Ion:	99	Resp:	148163
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	30.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

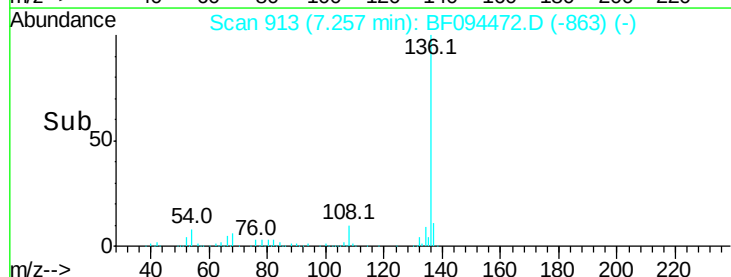
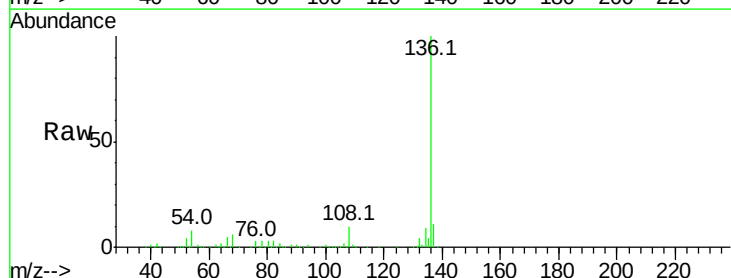
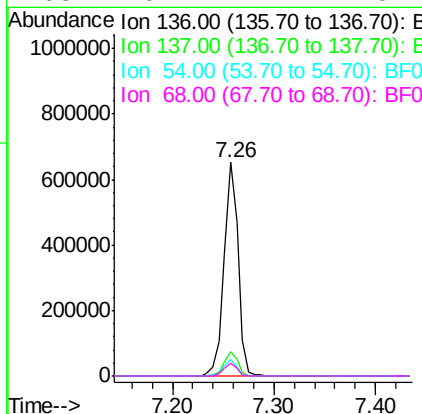
RT: 7.26 min Scan# 913

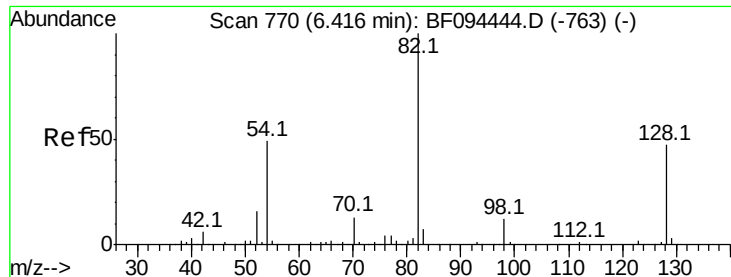
Delta R.T. -0.01 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Tgt Ion:	136	Resp:	623450
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1#





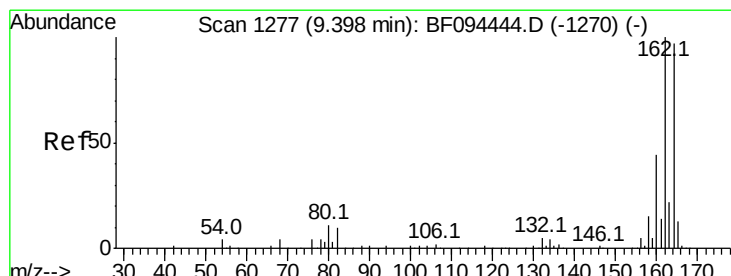
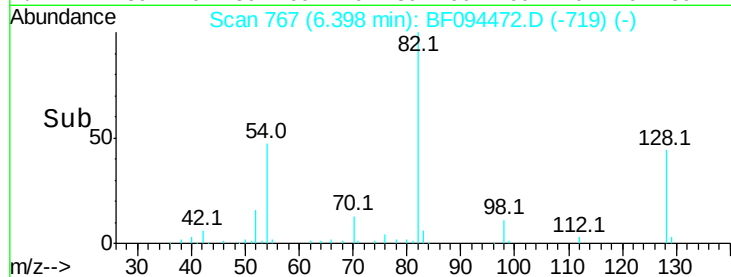
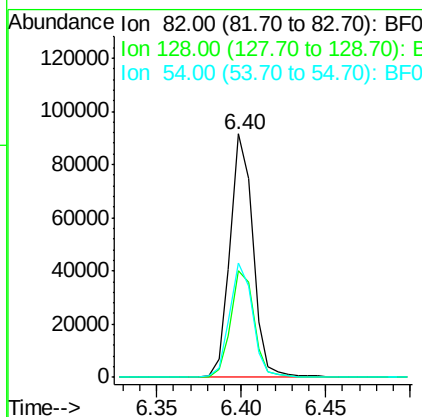
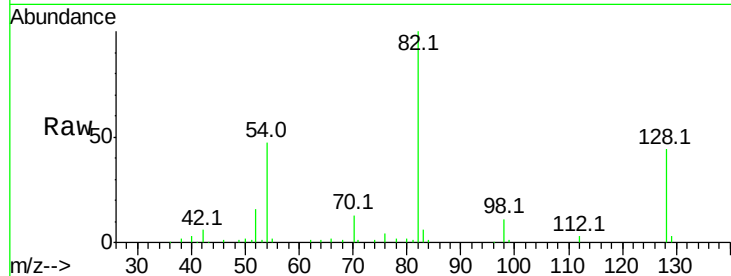
#23
 Nitrobenzene-d5
 Concen: 8.56 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	47.2	42.2	63.2

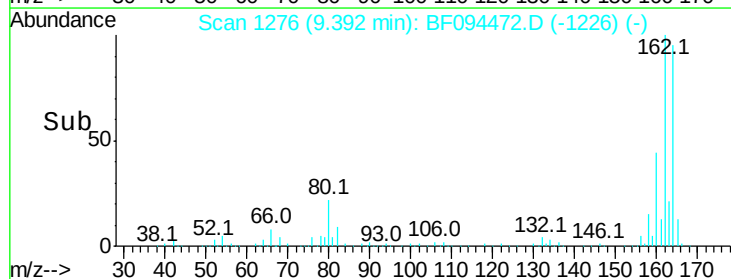
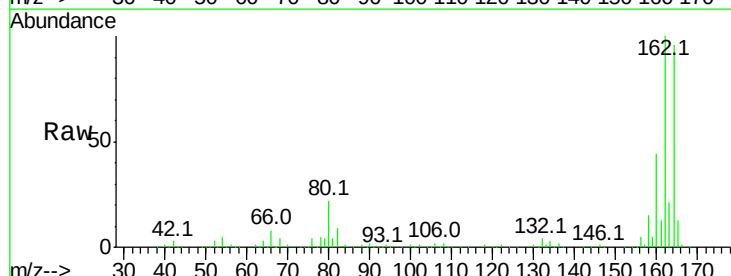
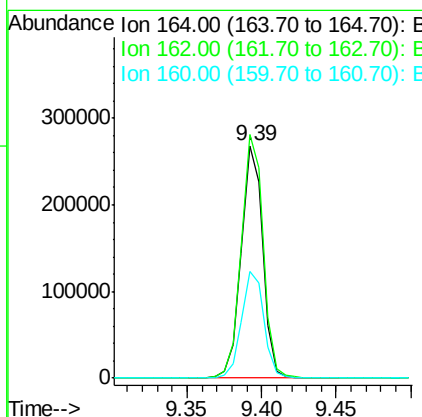
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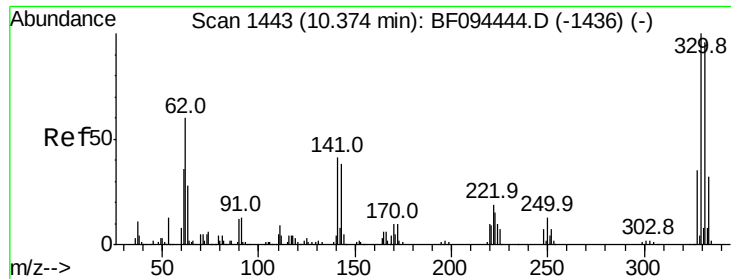
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.9	36.2	54.2





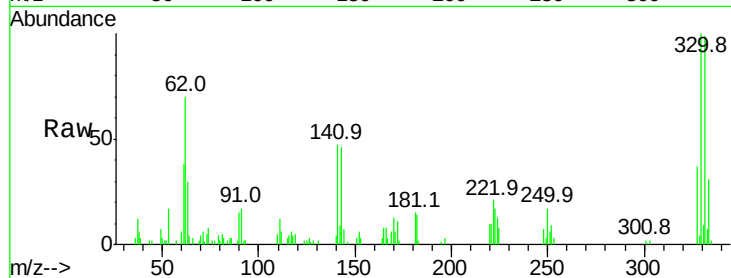
#41
 2,4,6-Tribromophenol
 Concen: 10.76 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y9-BASE

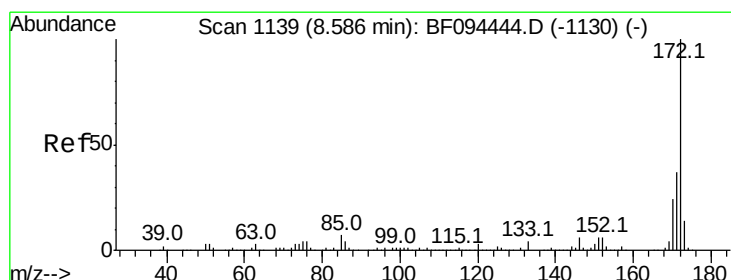
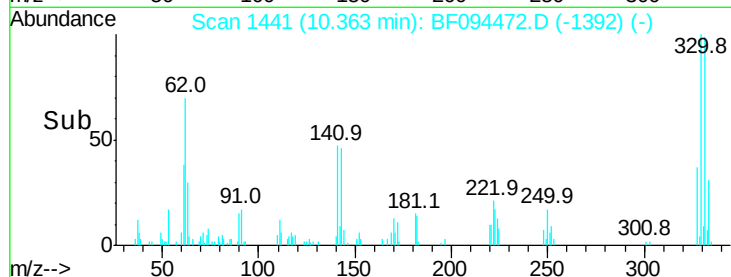
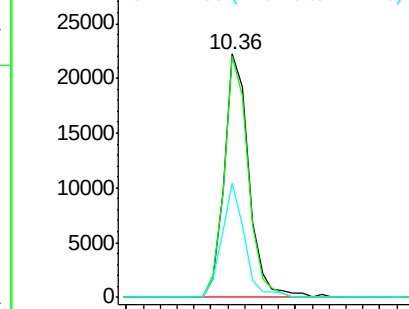
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	43.4	31.4	47.2

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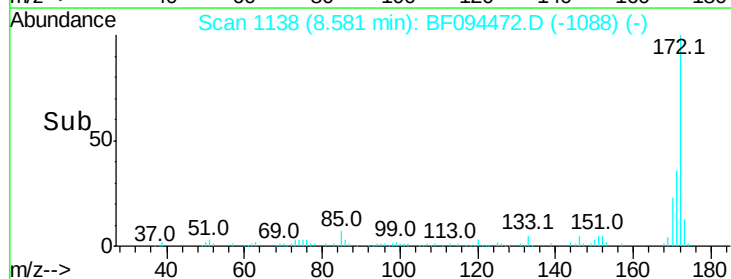
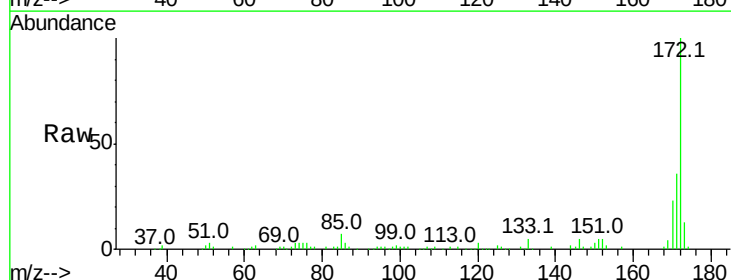
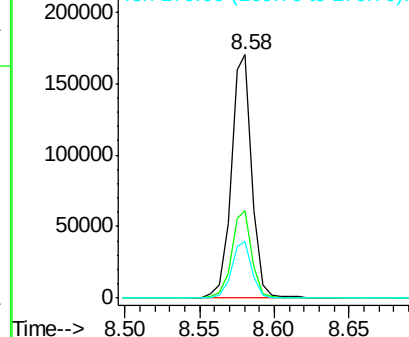
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

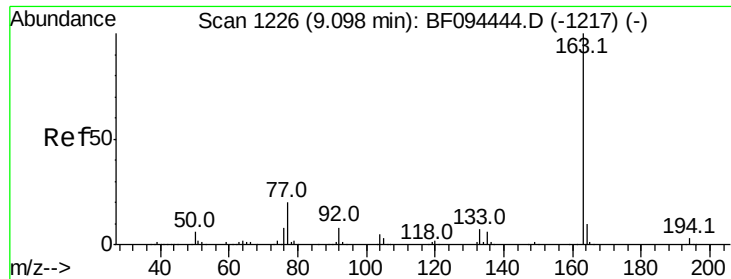


#44
 2-Fluorobiphenyl
 Concen: 9.08 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.1	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





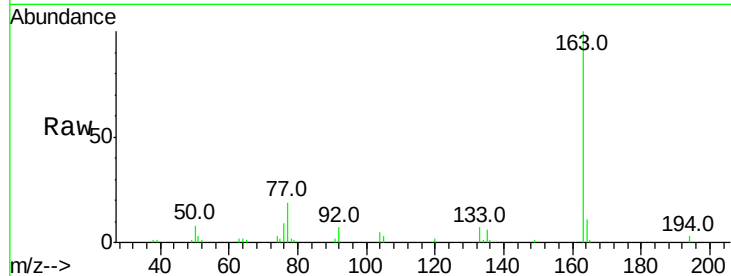
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	40305		
194	3.4		2.6	4.0
164	11.3		8.4	12.6

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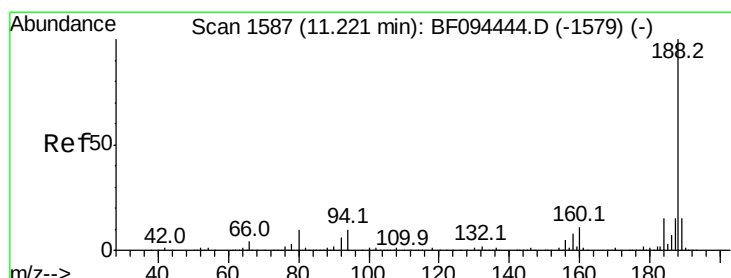
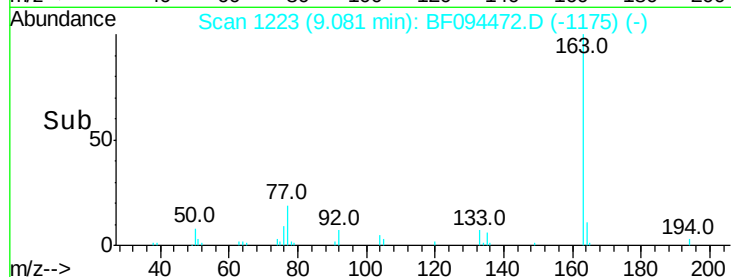
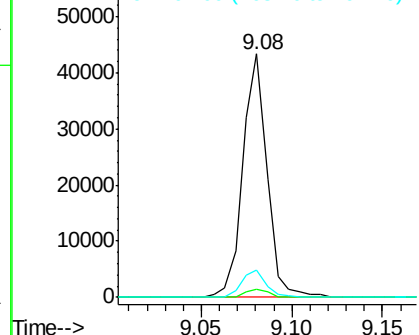


Abundance

Ion 163.00 (162.70 to 163.70): E

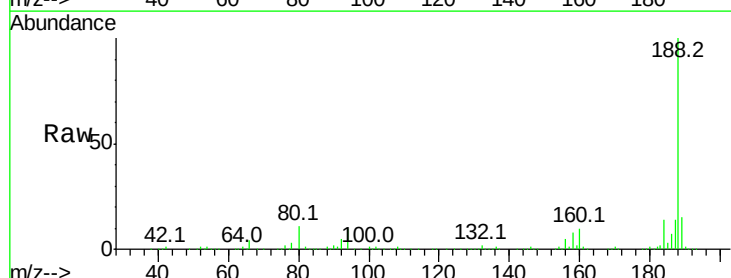
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	480979		
94	9.7		9.4	14.2
80	10.8		10.2	15.2

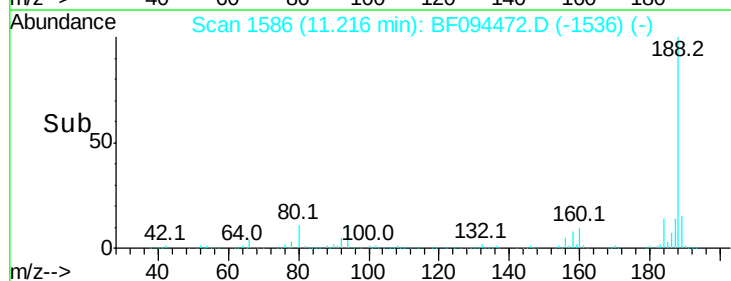
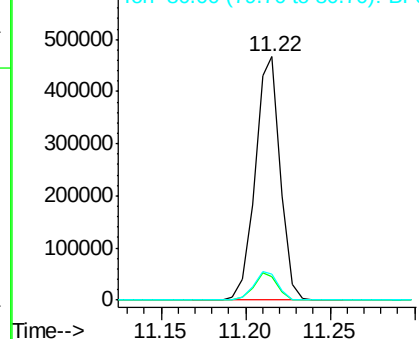


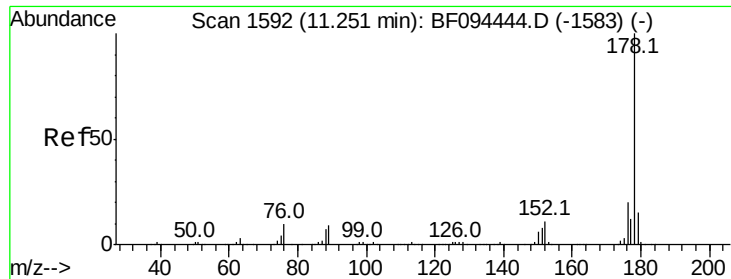
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





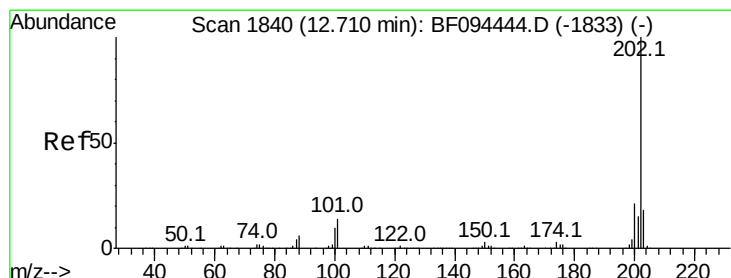
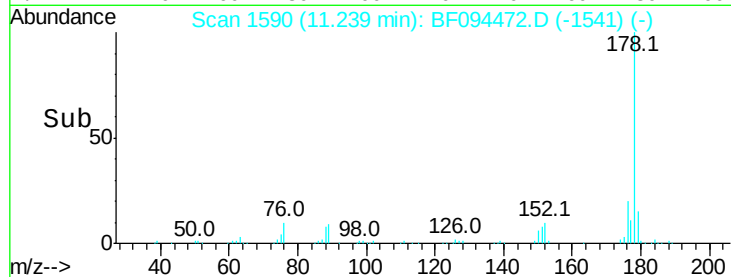
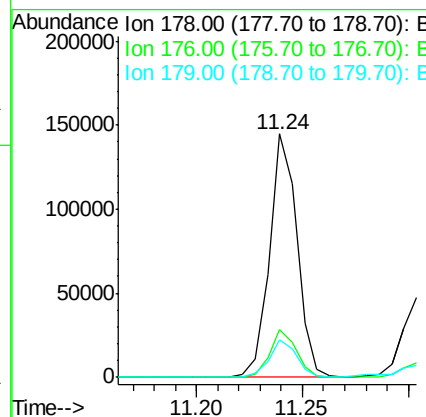
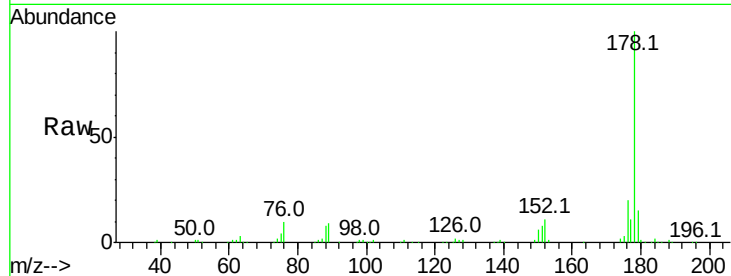
#70
Phenanthrene
Concen: 4.86 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	16.2	24.4	
179	15.3	12.6	19.0	

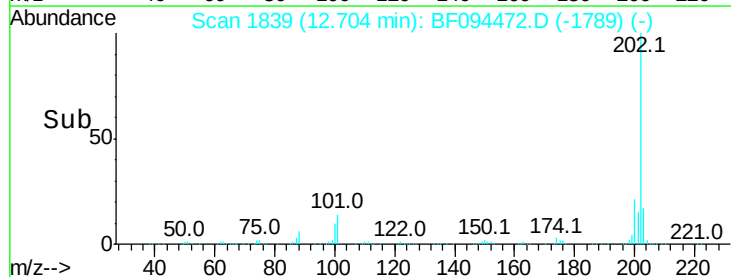
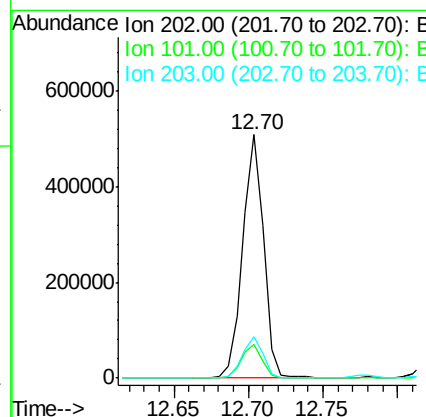
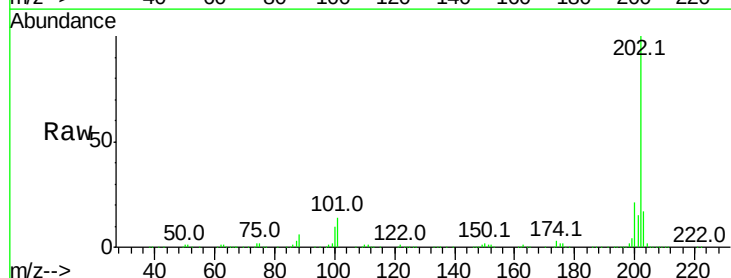
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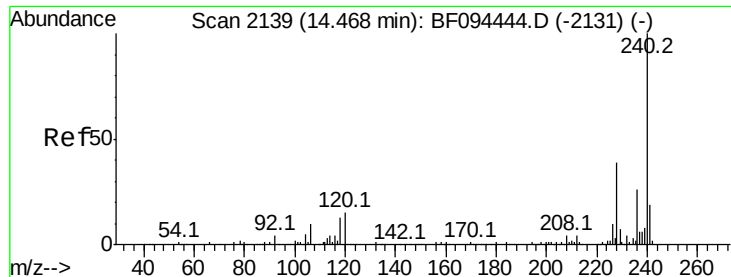
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#74
Fluoranthene
Concen: 17.67 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.7	0.0	33.2	
203	16.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Instrument :

BNA_F

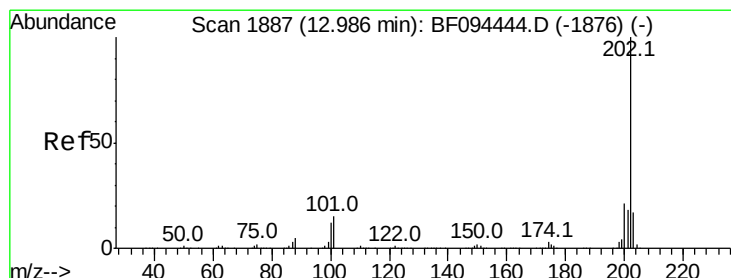
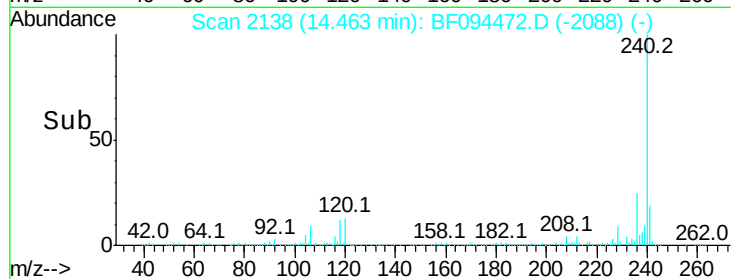
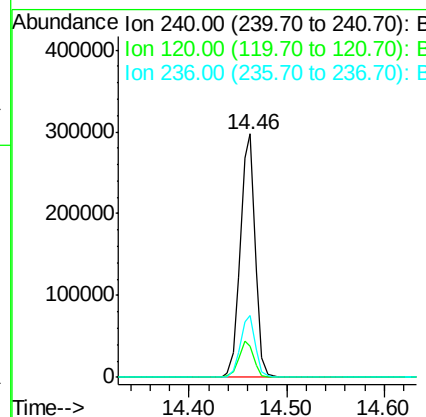
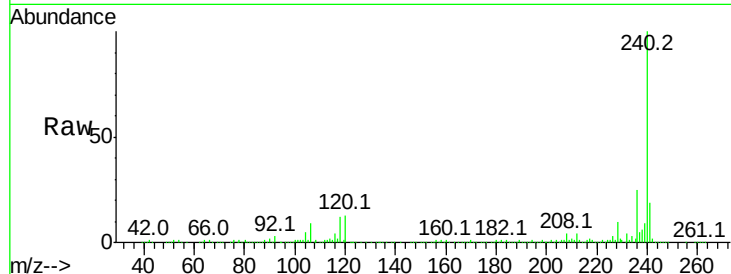
ClientSampleId :

E2-Y9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.8	5.8	8.8#	
236	25.2	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 22.85 ng

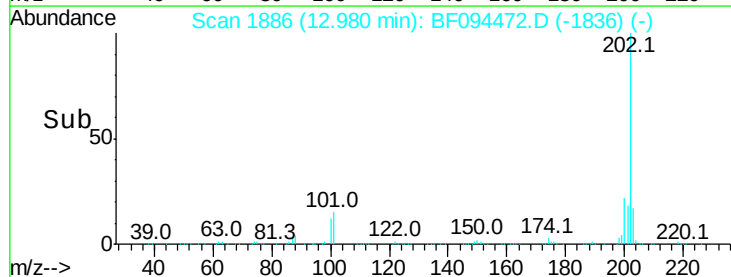
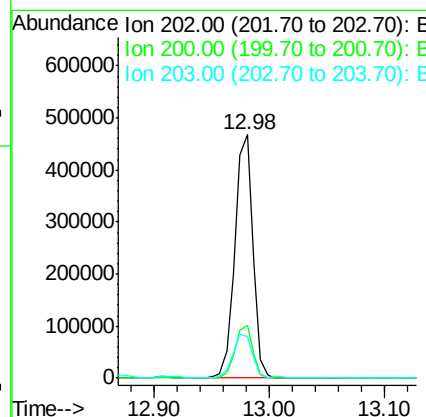
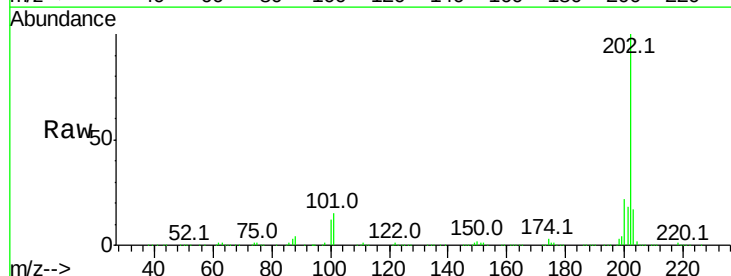
RT: 12.98 min Scan# 1886

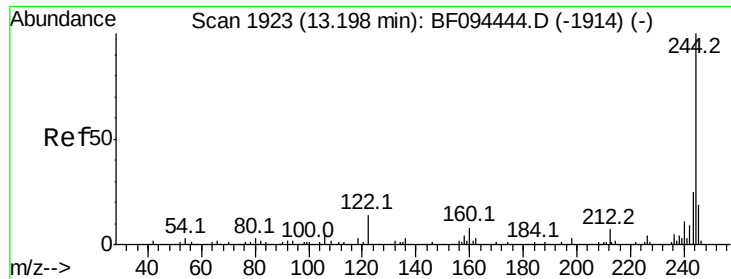
Delta R.T. -0.01 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.6	26.4	
203	16.9	14.4	21.6	





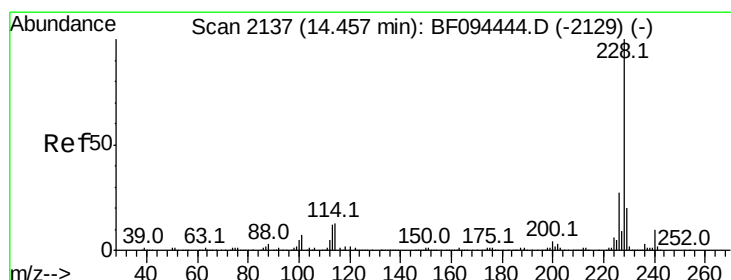
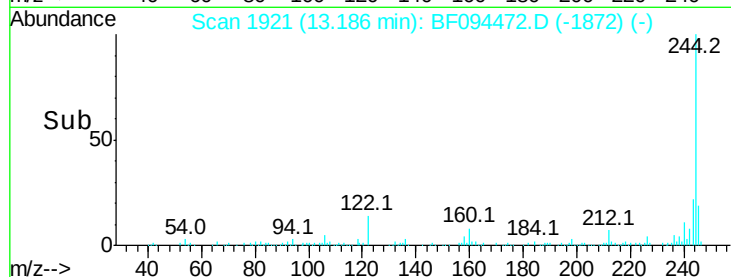
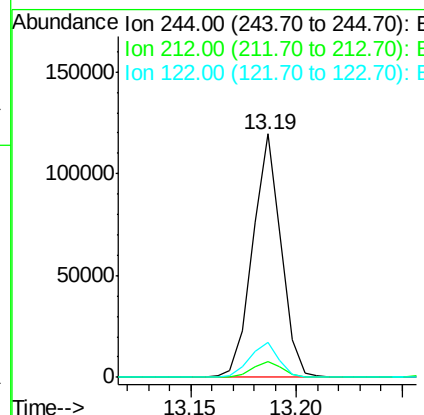
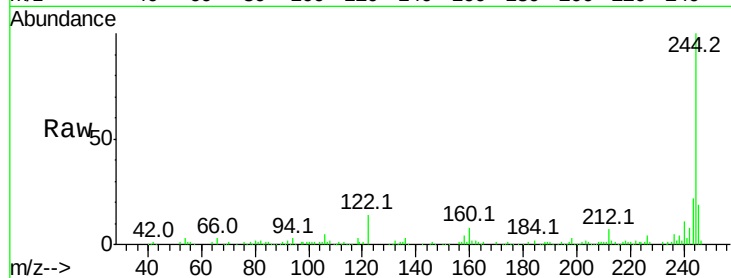
#78
 Terphenyl-d14
 Concen: 9.45 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5

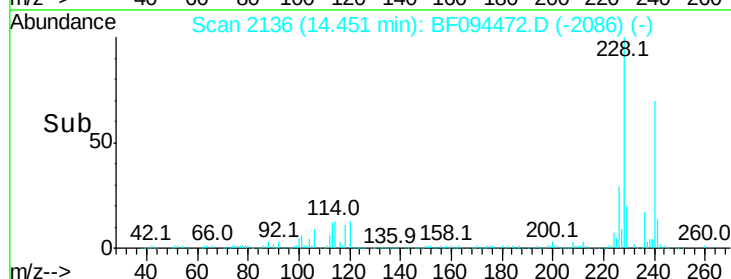
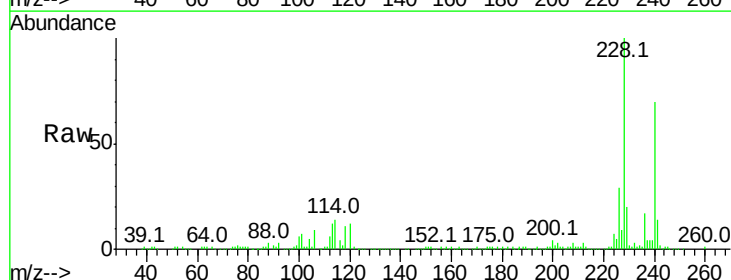
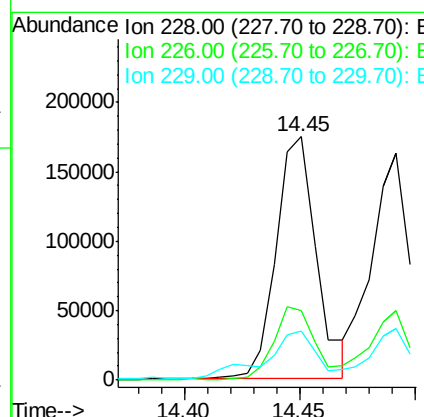
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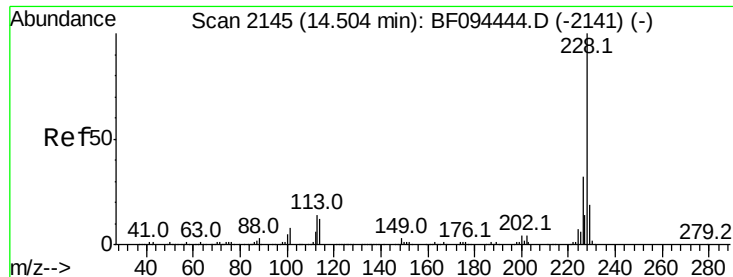
mohammad
 4/18/2017 4:55:56 PM



#80
 Benzo(a)anthracene
 Concen: 11.49 ng
 RT: 14.45 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.2	16.3	24.5





#82

Chrysene

Concen: 11.16 ng

RT: 14.49 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Instrument :

BNA_F

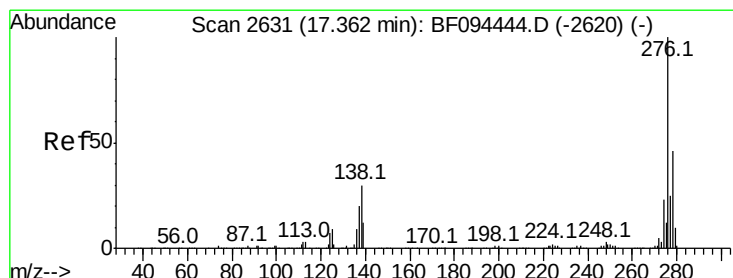
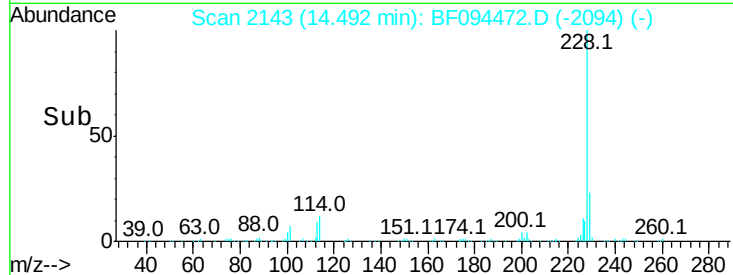
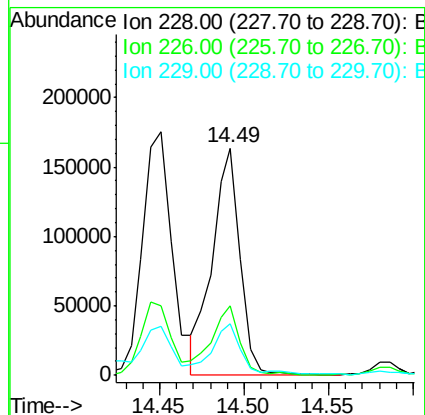
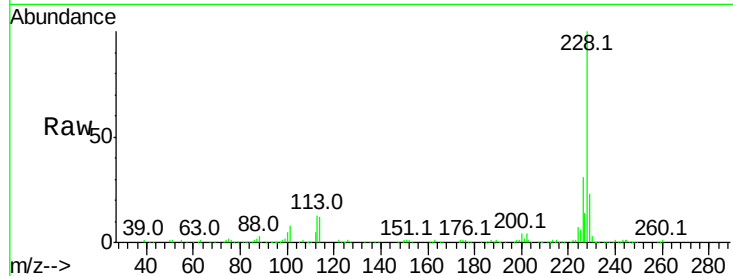
ClientSampleId :

E2-Y9-BASE

Tot Ion:	228	Resp:	186921
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	23.0	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 6.91 ng

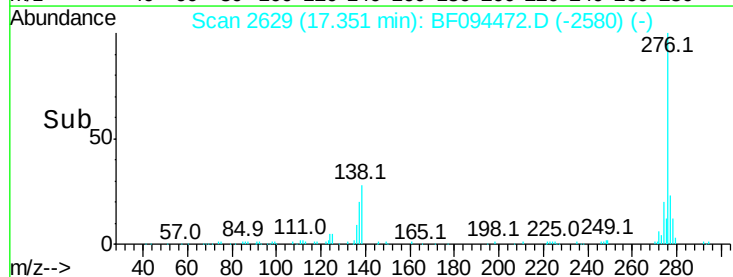
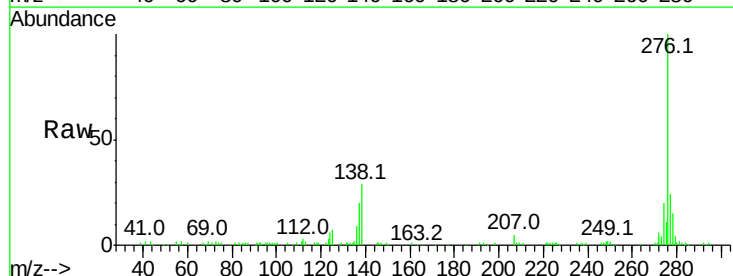
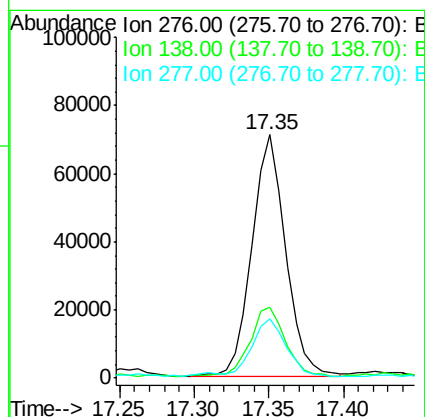
RT: 17.35 min Scan# 2629

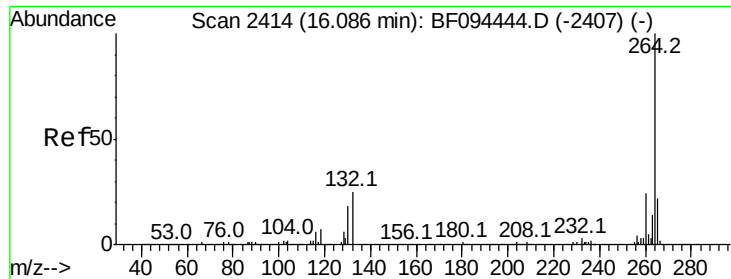
Delta R.T. -0.01 min

Lab File: BF094472.D

Acq: 18 Apr 2017 1:43

Tgt Ion:	276	Resp:	110178
Ion Ratio	Lower	Upper	
276	100		
138	31.0	27.8	41.6
277	25.1	20.2	30.4





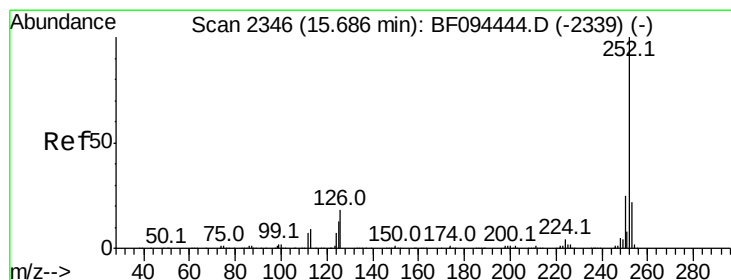
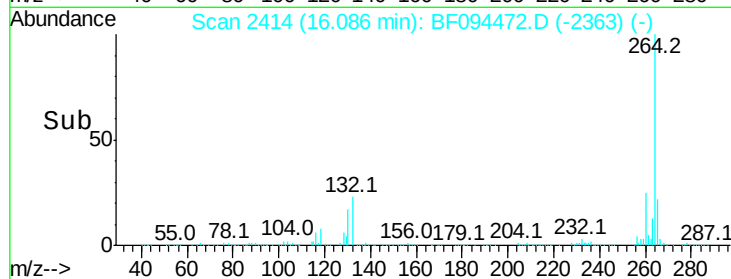
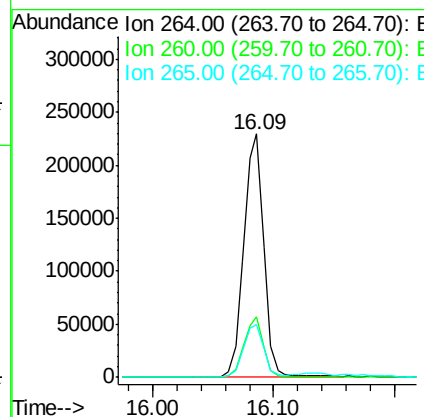
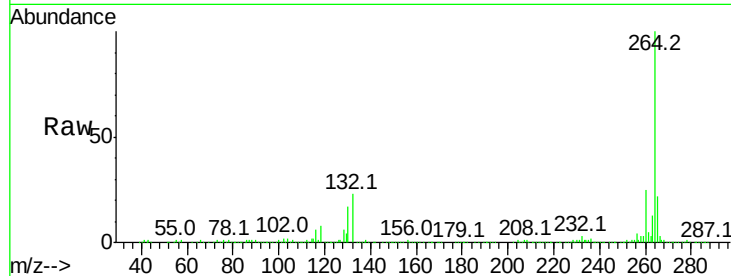
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.8	17.2	25.8

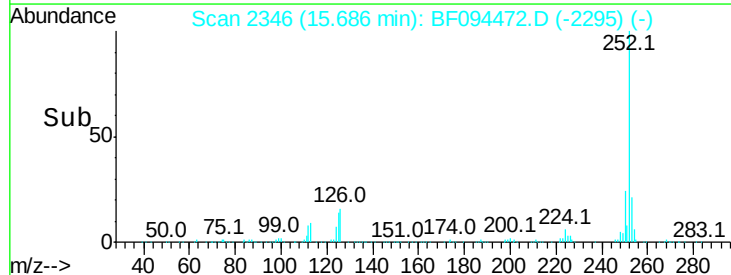
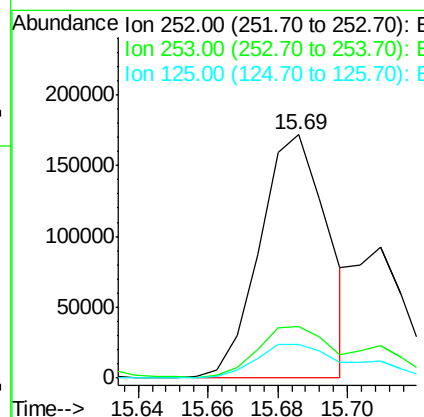
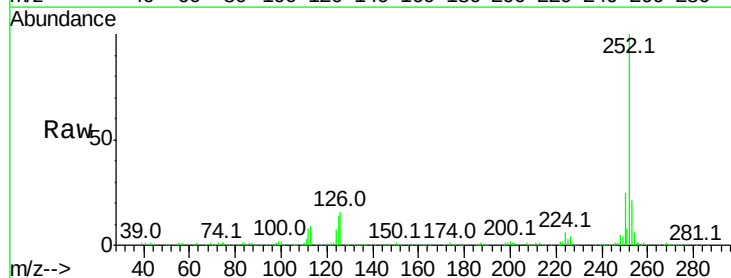
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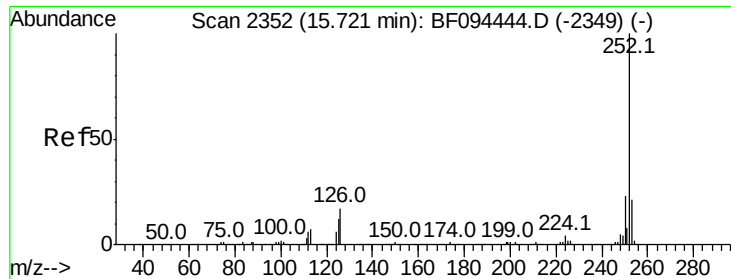
mohammad
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#87
Benzo(b)fluoranthene
Concen: 14.26 ng m
RT: 15.69 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.7	9.8	14.8





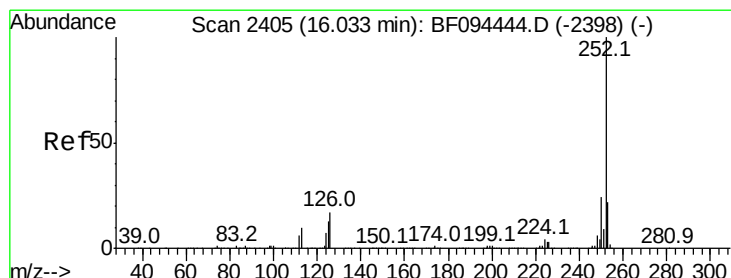
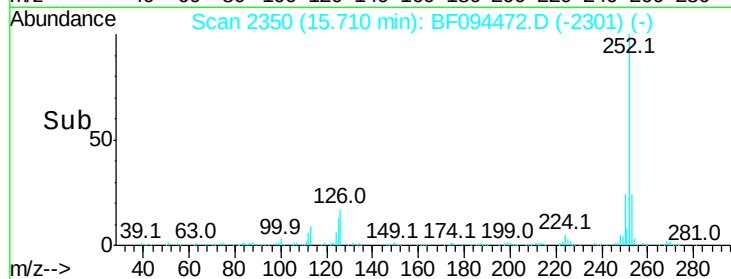
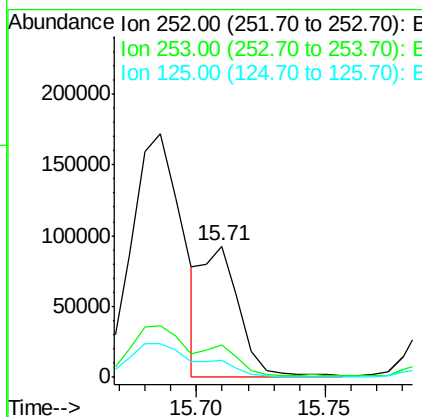
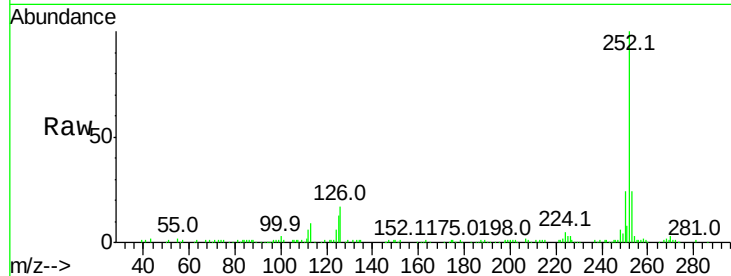
#88
Benzo(k)fluoranthene
Concen: 6.04 ng m
RT: 15.71 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	13.3	13.1	19.7

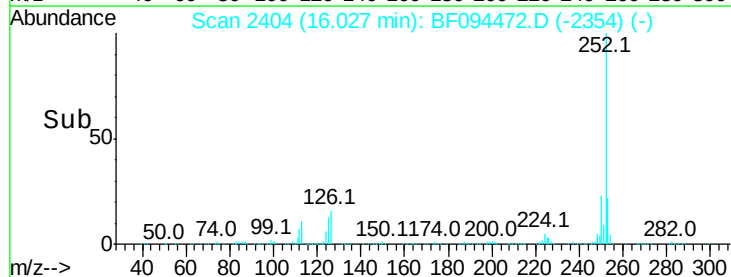
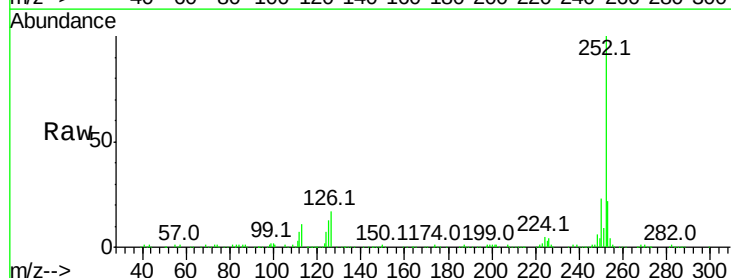
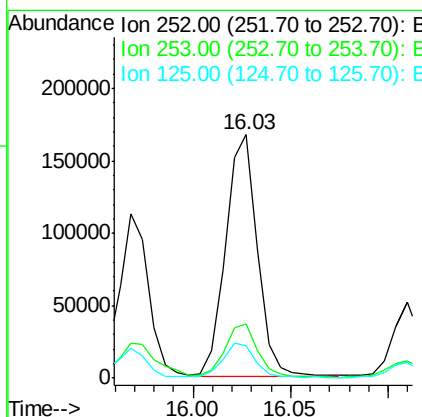
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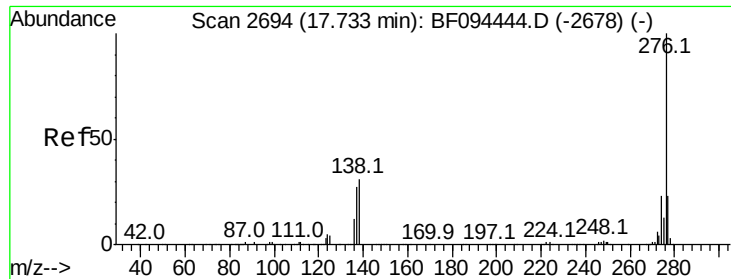
mohammad
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#89
Benzo(a)pyrene
Concen: 12.42 ng
RT: 16.03 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094472.D
Acq: 18 Apr 2017 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.1	11.0	16.4





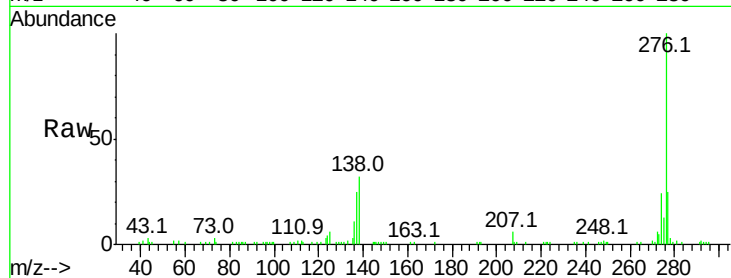
#91
 Benzo(a,h,i)perylene
 Concen: 7.96 ng
 RT: 17.72 min Scan# 2692
 Delta R.T. -0.01 min
 Lab File: BF094472.D
 Acq: 18 Apr 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y9-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	32.1	25.4	38.0

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

