

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094554.D
 Acq On : 20 Apr 2017 19:38
 Operator : SJ/MA
 Sample : I2744-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170418

Manual Integrations
 APPROVED

mohammad
 4/21/2017 11:39:21 AM

Quant Time: Apr 21 02:10:15 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	113436	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	464554	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	212933	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	403542	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	340855	20.00	ng	0.00
86) Perylene-d12	16.08	264	256941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	635632	92.96	ng	0.00
7) Phenol-d6	5.39	99	804508	99.81	ng	0.00
23) Nitrobenzene-d5	6.41	82	483806	64.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	176378	105.90	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	958948	66.26	ng	0.00
78) Terphenyl-d14	13.19	244	898040	70.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	270914	17.07	ng	99
70) Phenanthrene	11.24	178	147145	6.48	ng	97
74) Fluoranthene	12.69	202	299166	12.70	ng	97
77) Pyrene	12.97	202	302740	12.71	ng	98
80) Benzo(a)anthracene	14.44	228	129228	6.52	ng	98
82) Chrysene	14.48	228	125356	6.92	ng	96
85) Indeno(1,2,3-cd)pyrene	17.35	276	54421	3.16	ng	98
87) Benzo(b)fluoranthene	15.68	252	123796m	7.88	ng	
88) Benzo(k)fluoranthene	15.71	252	47188m	3.17	ng	
89) Benzo(a)pyrene	16.02	252	94024	6.43	ng	97
91) Benzo(g,h,i)perylene	17.72	276	57961	4.69	ng	94

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

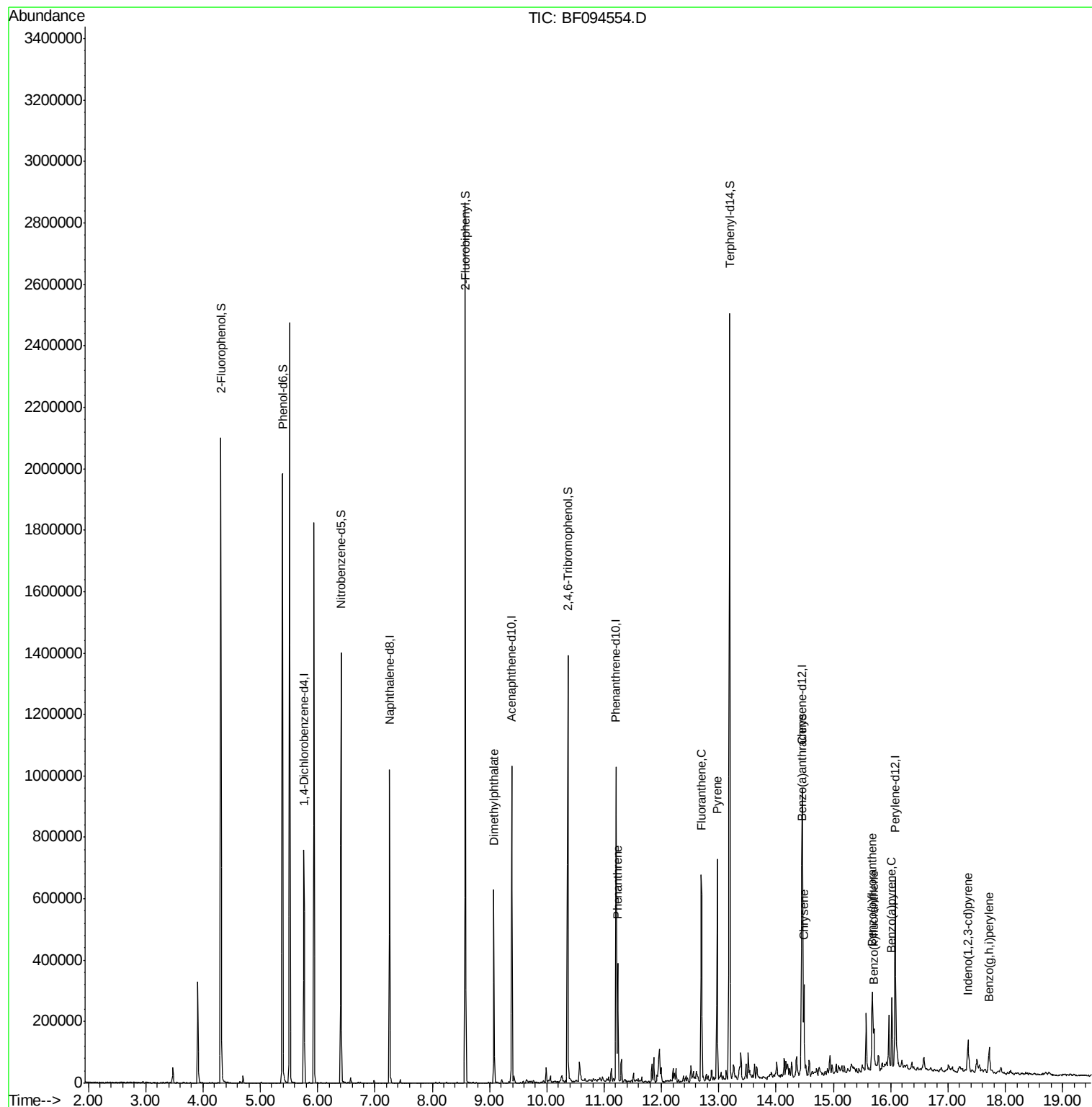
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094554.D
Acq On : 20 Apr 2017 19:38
Operator : SJ/MA
Sample : I2744-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

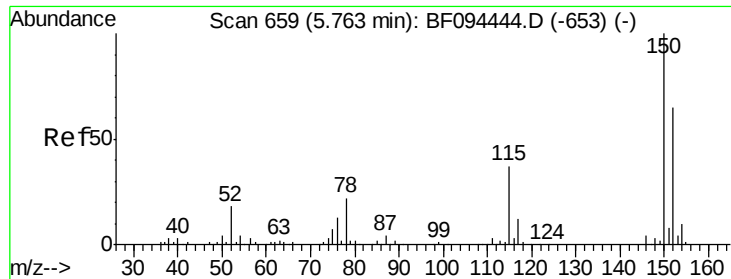
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

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Quant Time: Apr 21 02:10:15 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

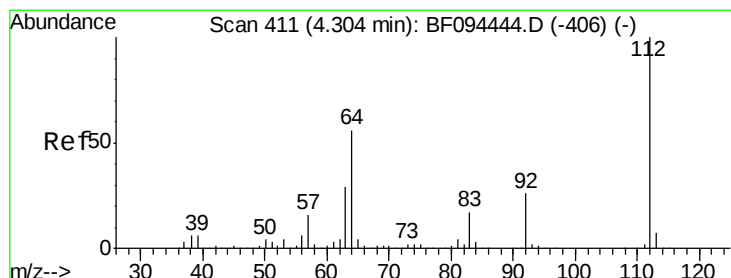
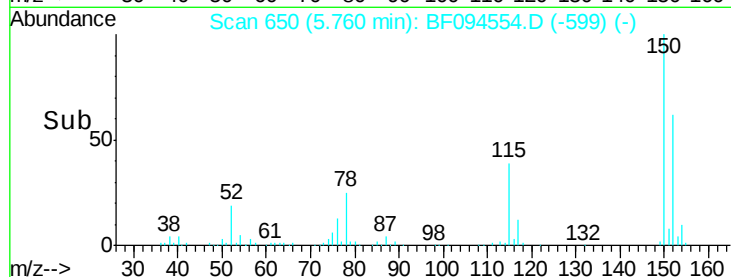
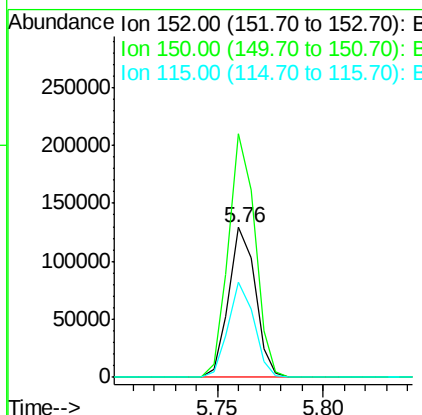
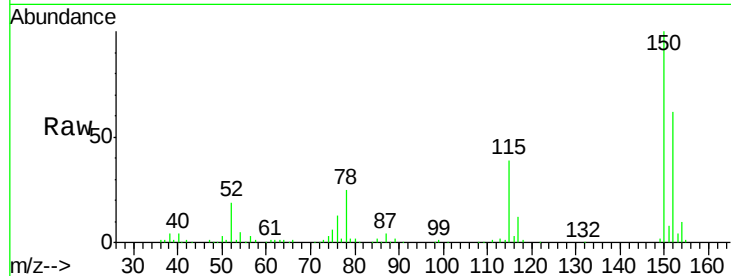
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	63.3	52.2	78.2

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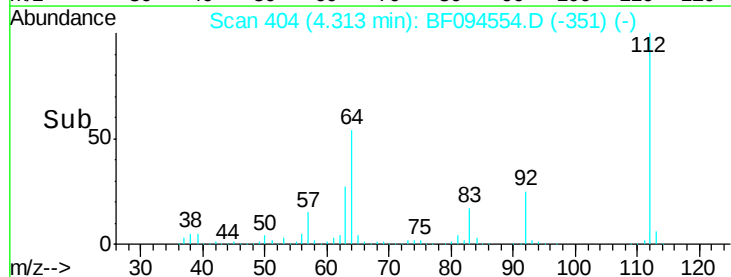
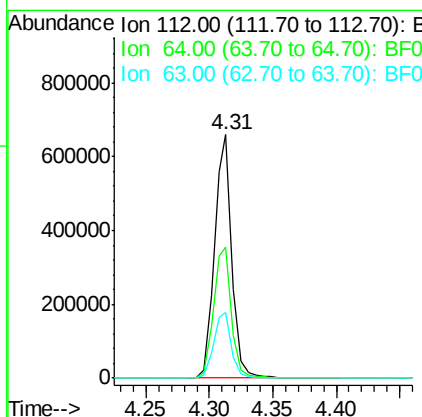
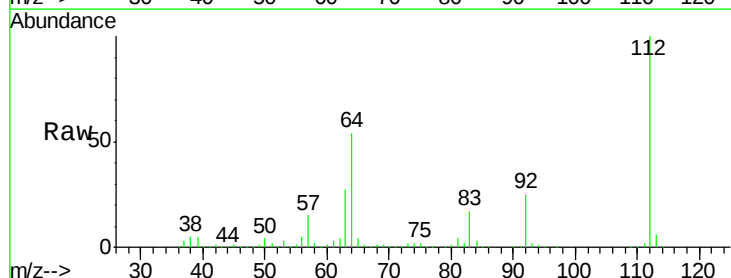
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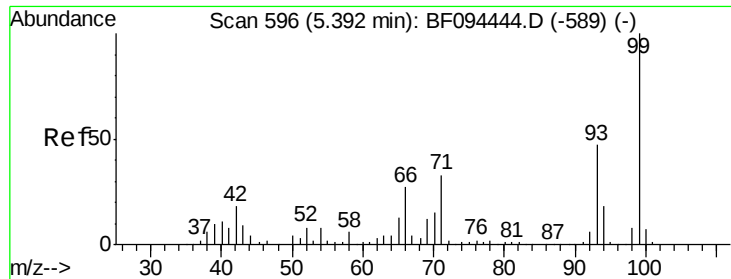


#5

2-Fluorophenol
Concen: 92.96 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 99.81 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094554.D

Acq: 20 Apr 2017 19:38

Instrument :

BNA_F

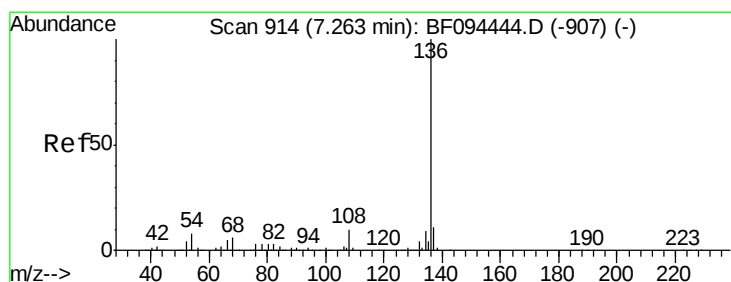
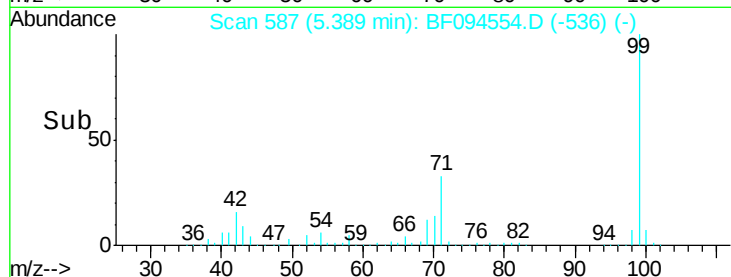
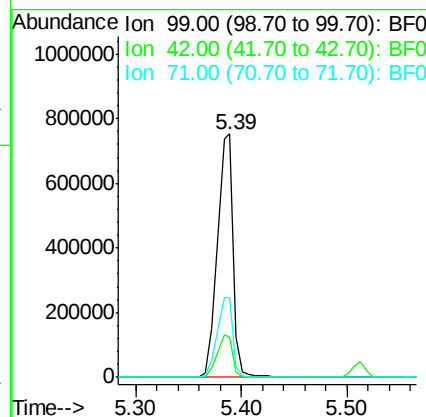
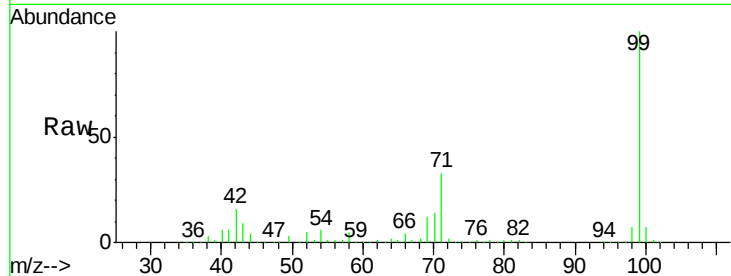
ClientSampleId :

SB-3(0-2)20170418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		804508		
42	16.4	13.5	20.3		
71	32.7	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

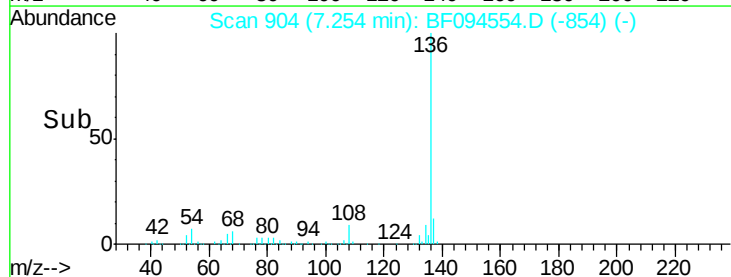
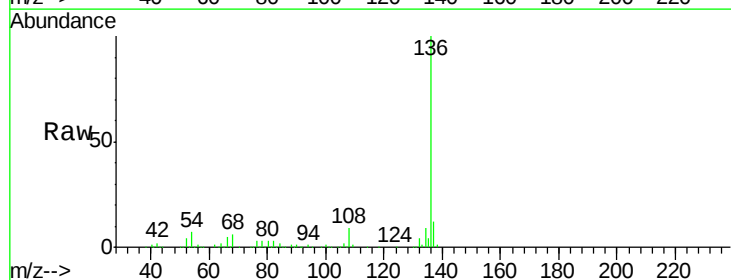
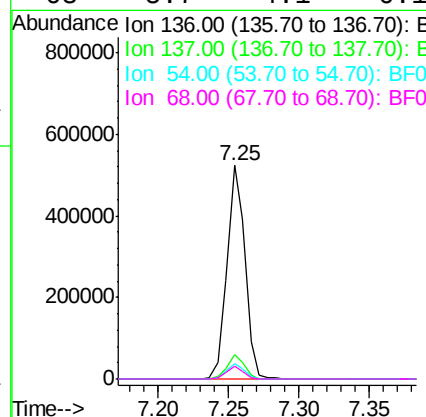
RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094554.D

Acq: 20 Apr 2017 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		464554		
137	11.5	8.5	12.7		
54	7.3	4.9	7.3		
68	5.7	4.1	6.1		





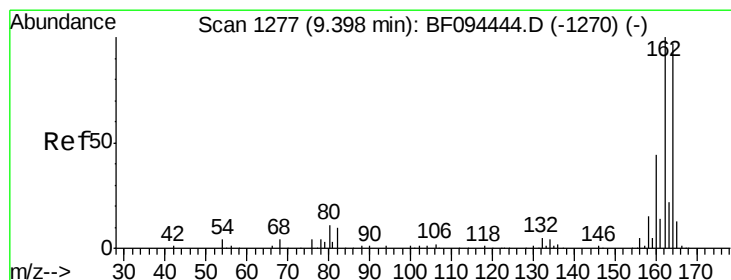
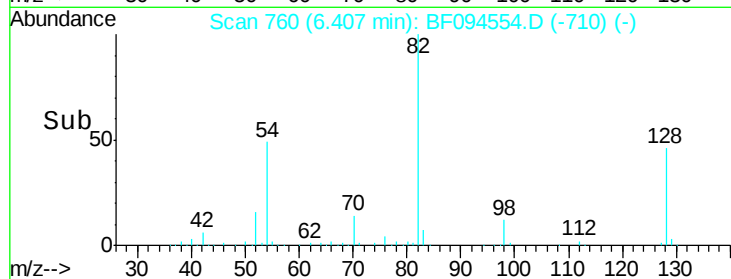
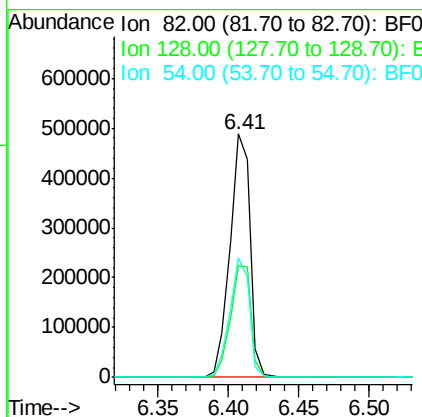
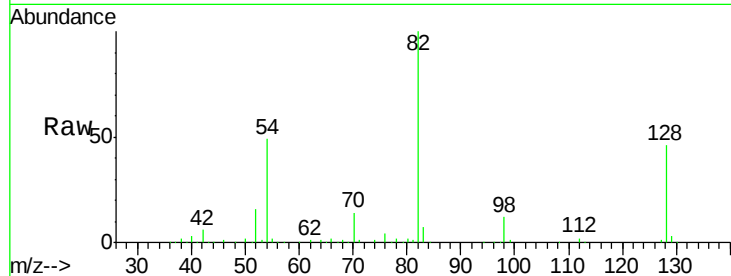
#23
 Nitrobenzene-d5
 Concen: 64.31 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	49.1	42.2	63.2

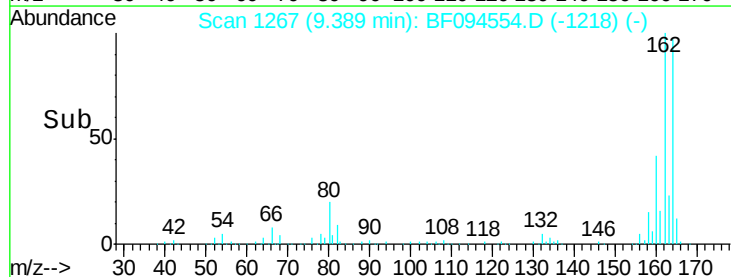
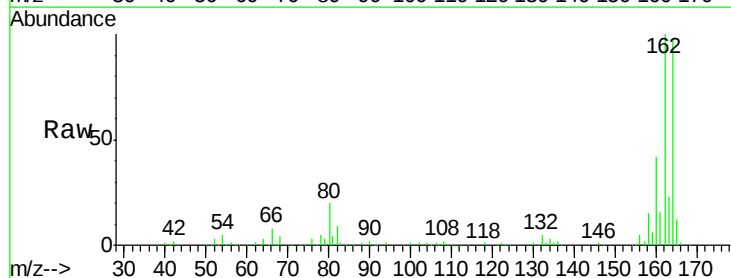
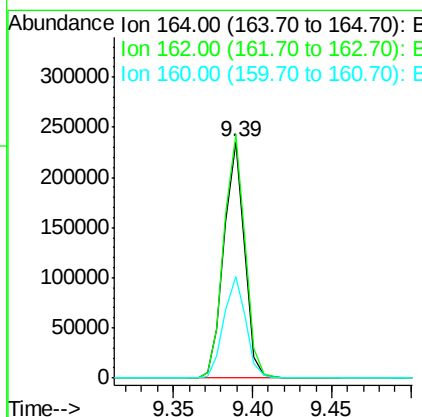
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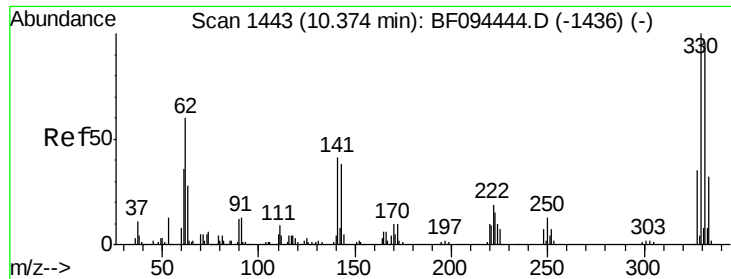
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	43.1	36.2	54.2





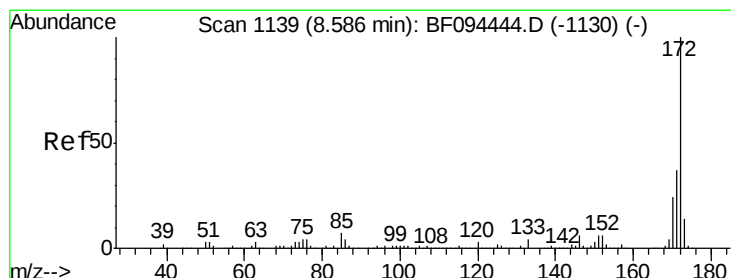
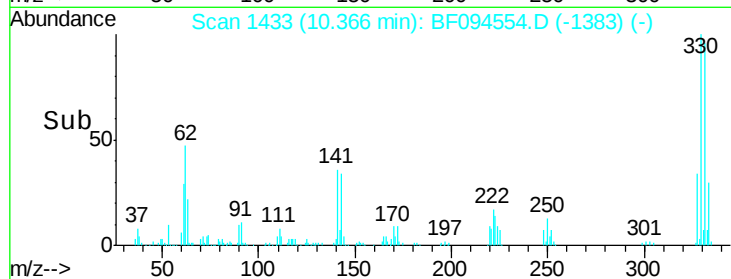
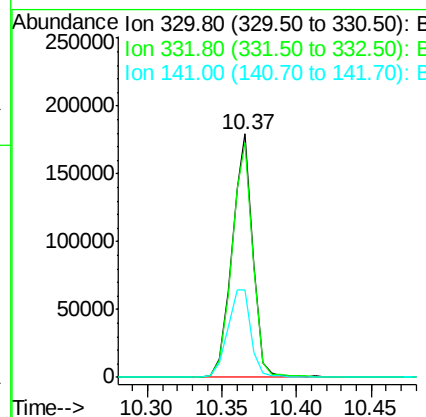
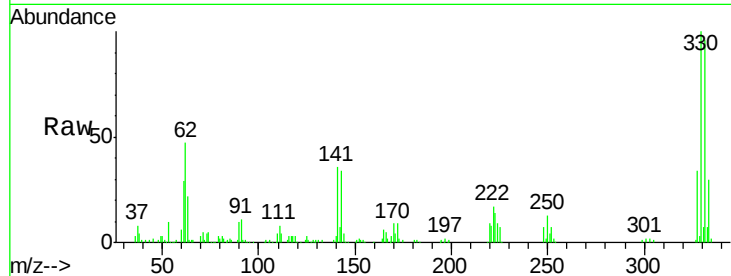
#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170418

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176378		
332	97.7	76.6	115.0	
141	40.7	31.4	47.2	

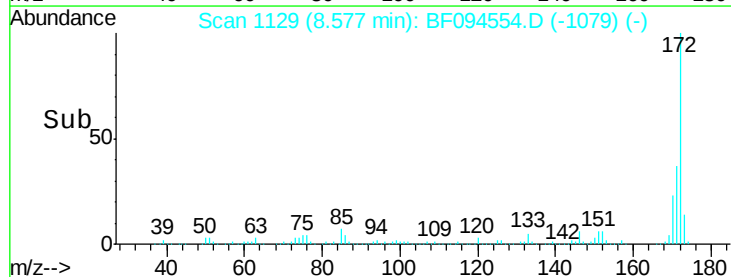
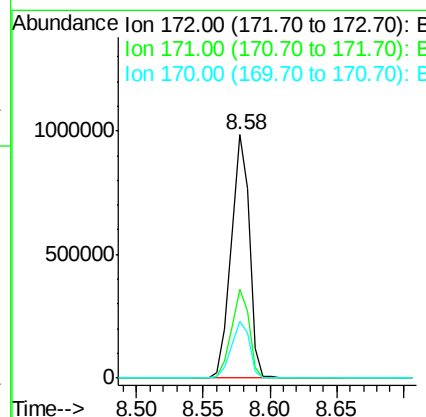
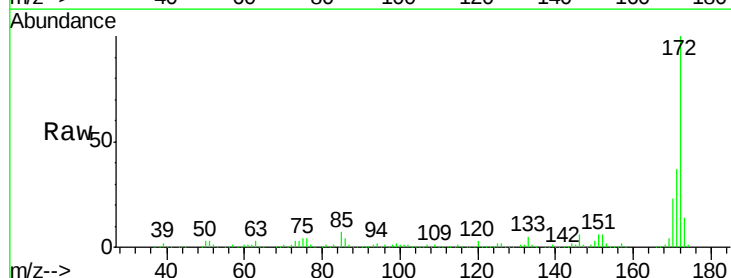
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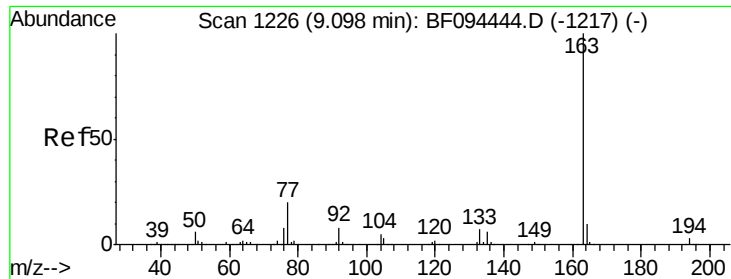
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#44
 2-Fluorobiphenyl
 Concen: 66.26 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	958948		
171	36.6	29.6	44.4	
170	23.2	19.8	29.8	





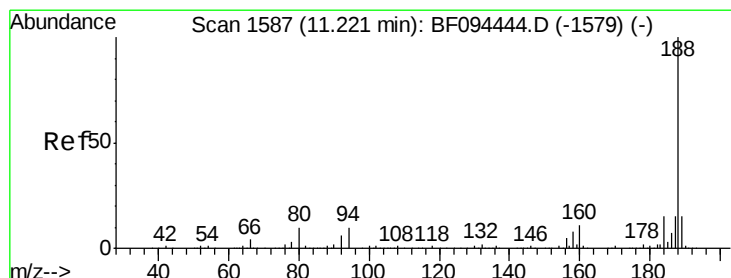
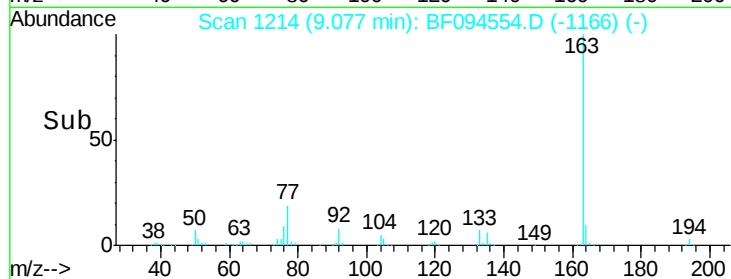
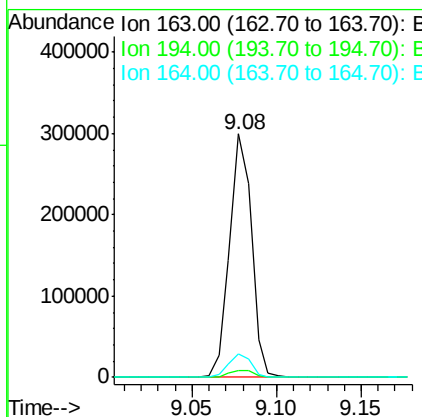
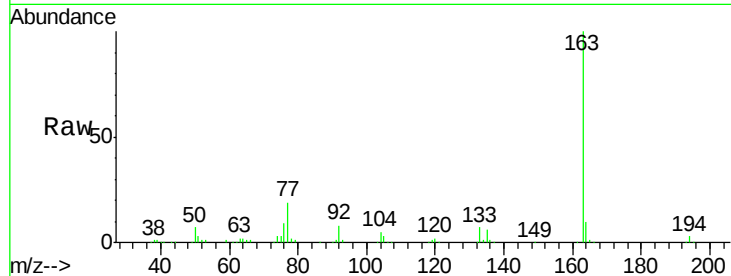
#49
Dimethylphthalate
Concen: 17.07 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Resp	Lower	Upper
163	100	270914		
194	3.1	2.6	4.0	
164	9.9	8.4	12.6	

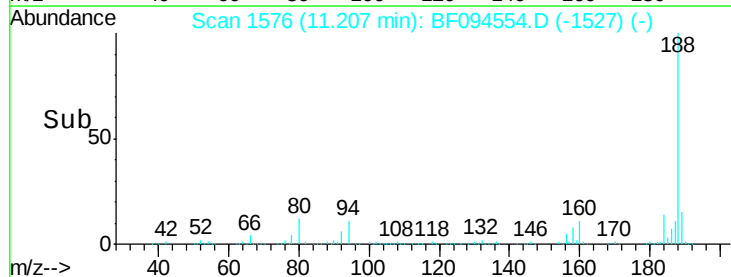
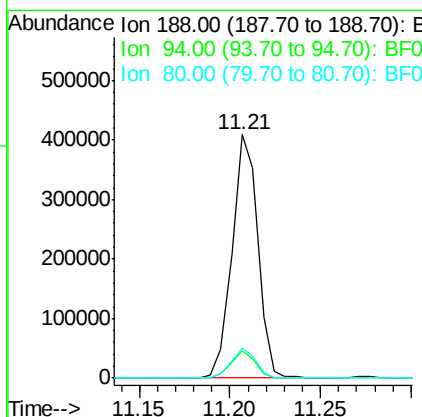
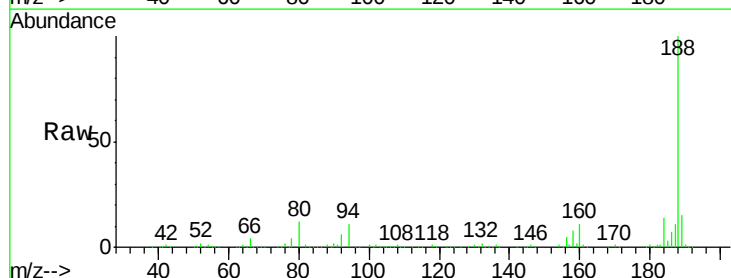
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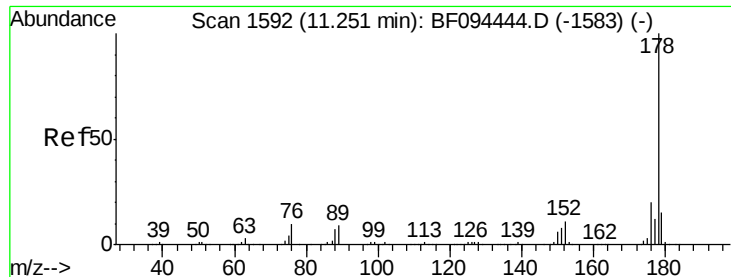
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403542		
94	11.0	9.4	14.2	
80	12.1	10.2	15.2	





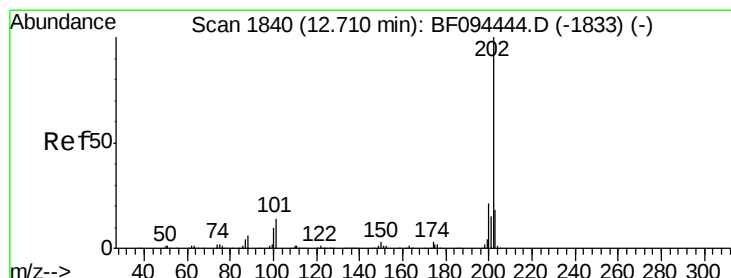
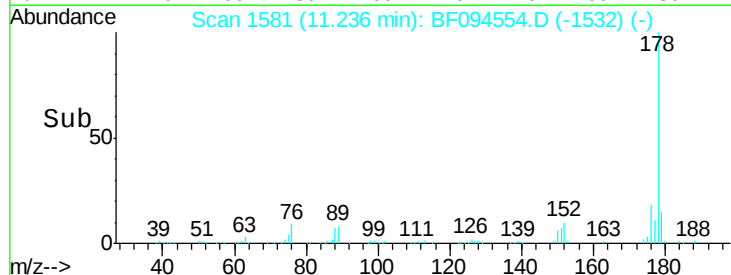
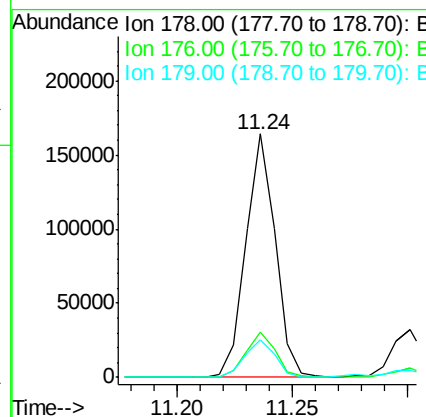
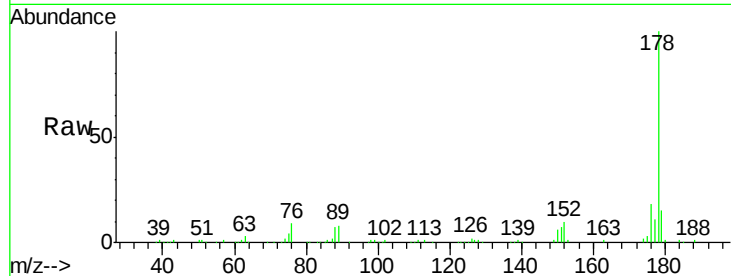
#70
Phenanthrene
Concen: 6.48 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.4	12.6	19.0

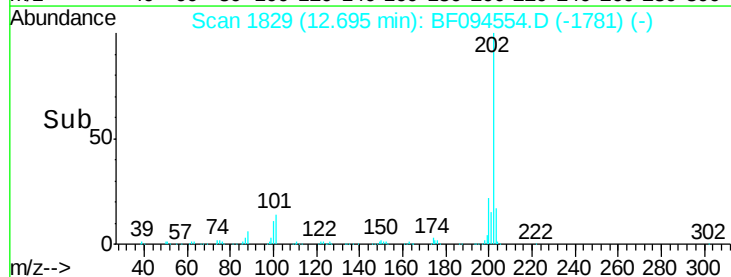
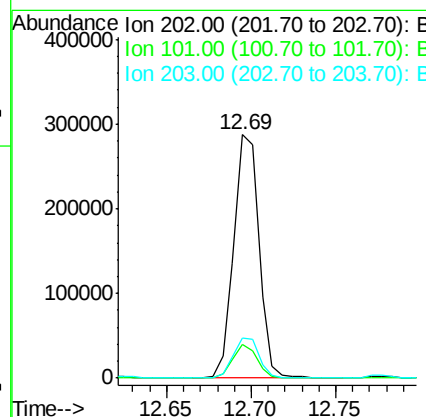
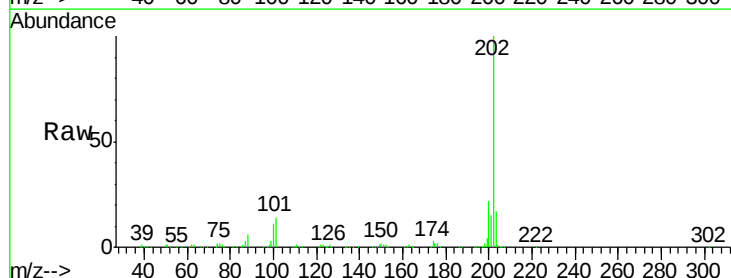
Manual Integrations
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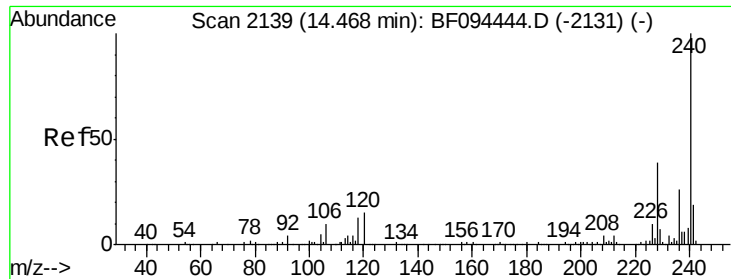
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#74
Fluoranthene
Concen: 12.70 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094554.D

Acq: 20 Apr 2017 19:38

Instrument :

BNA_F

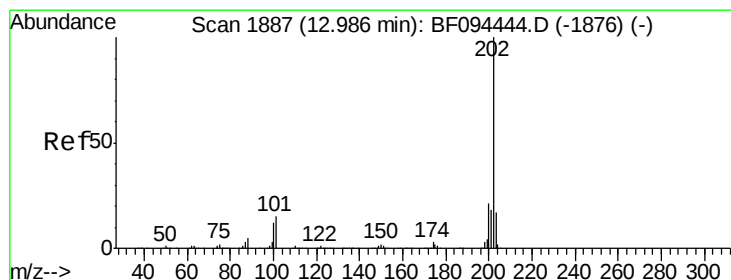
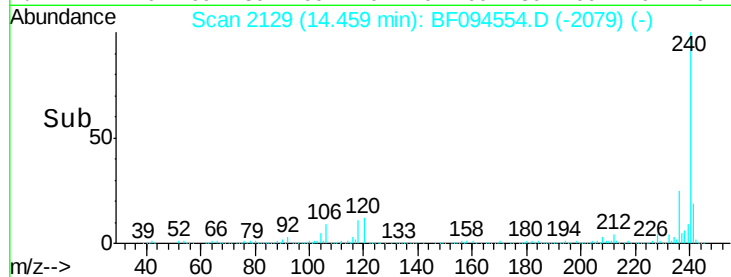
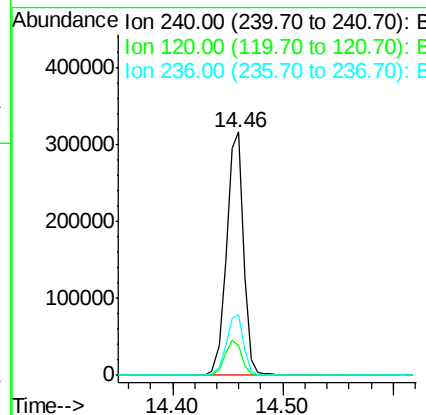
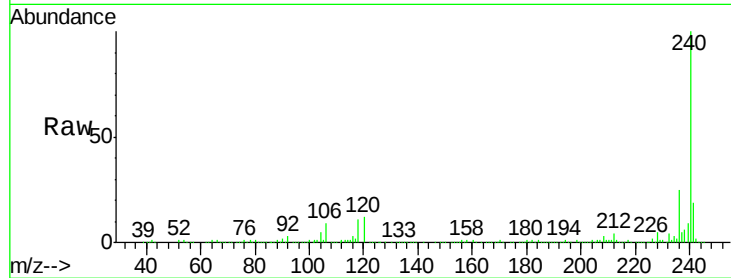
ClientSampleId :

SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	25.0	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 12.71 ng

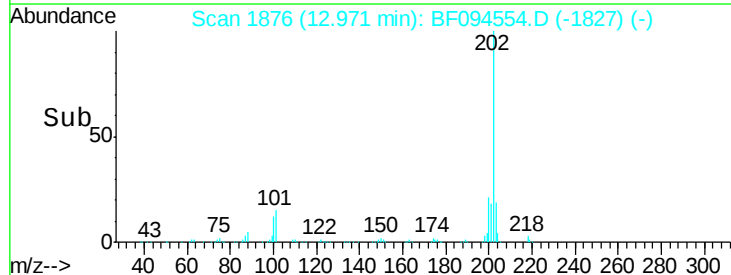
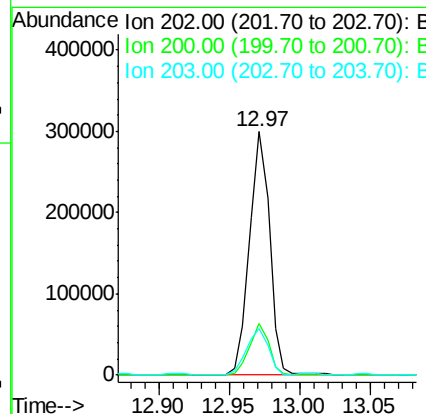
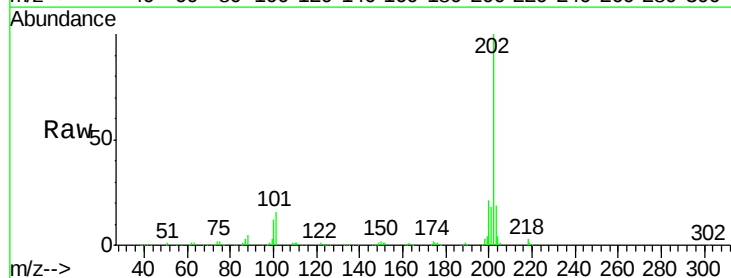
RT: 12.97 min Scan# 1876

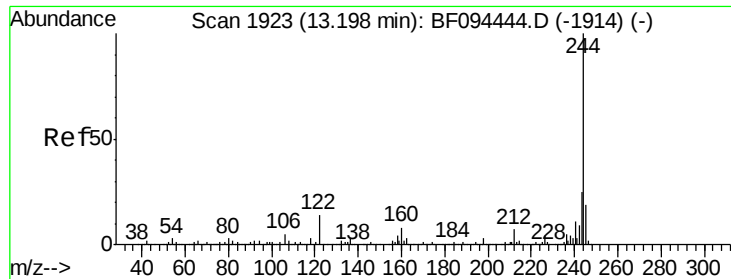
Delta R.T. -0.01 min

Lab File: BF094554.D

Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.2	14.4	21.6





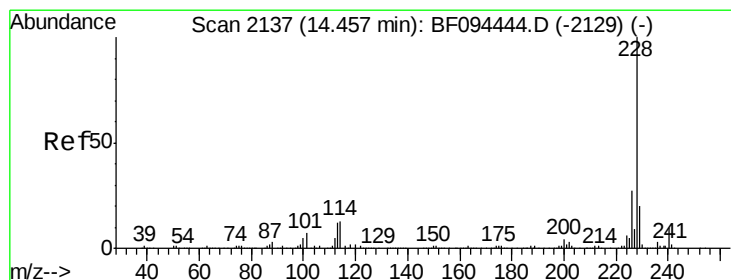
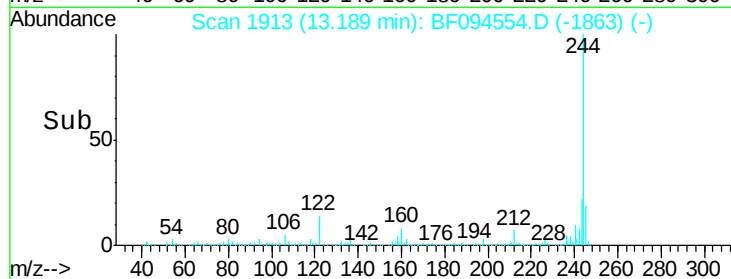
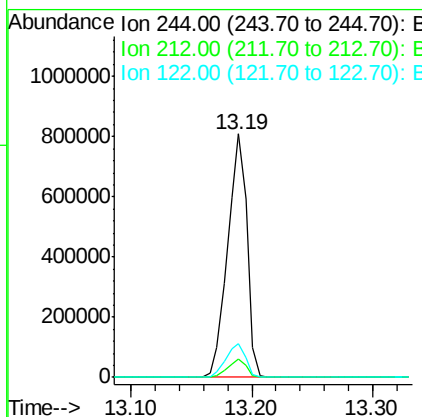
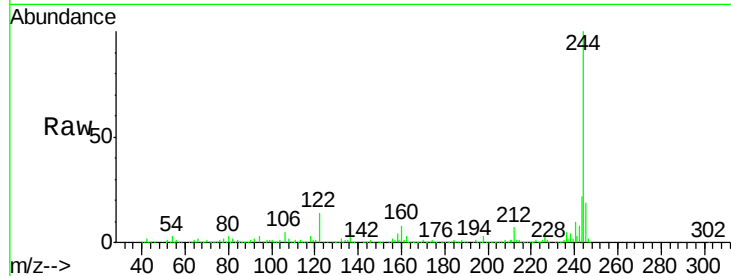
#78
 Terphenyl-d14
 Concen: 70.42 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.0	10.3	15.5

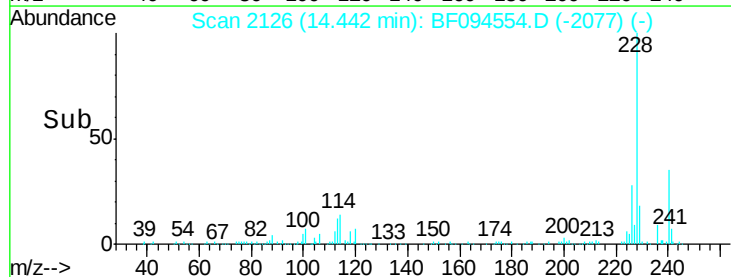
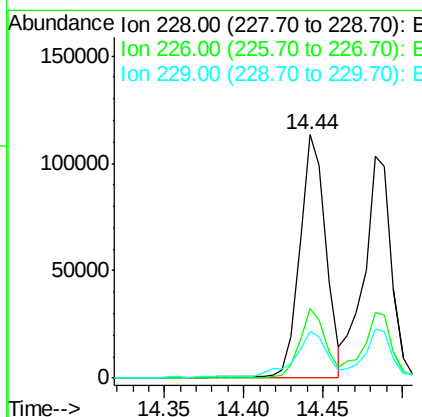
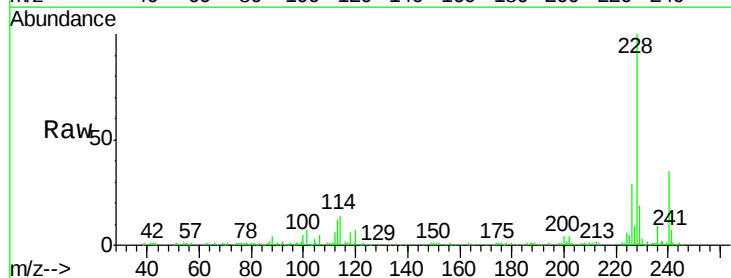
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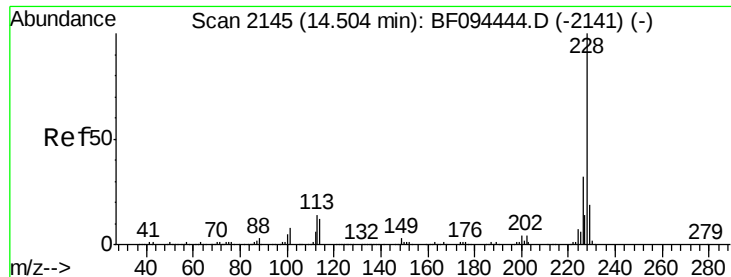
mohammad
 4/21/2017 11:39:21 AM



#80
 Benzo(a)anthracene
 Concen: 6.52 ng
 RT: 14.44 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.0	16.3	24.5





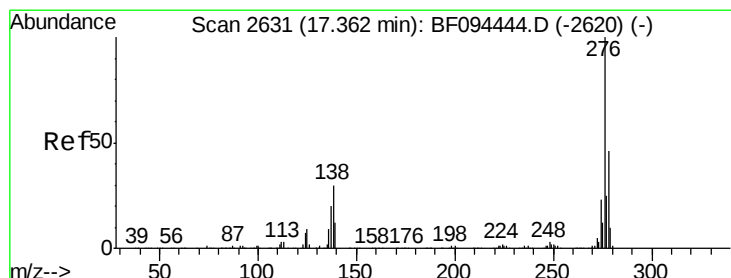
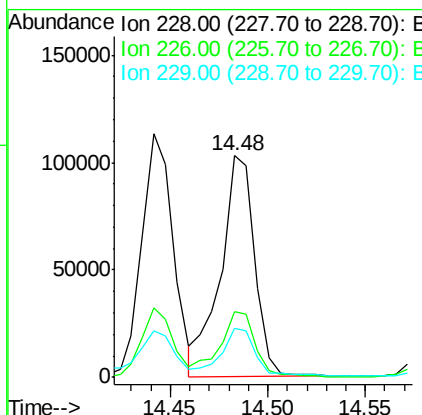
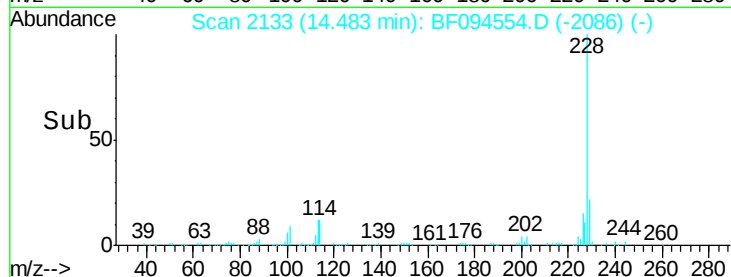
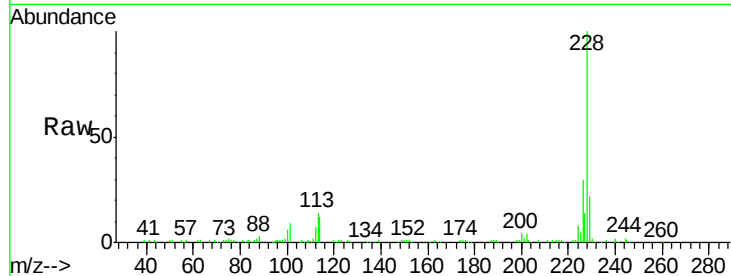
#82
Chrysene
Concen: 6.92 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.2	15.8	23.6

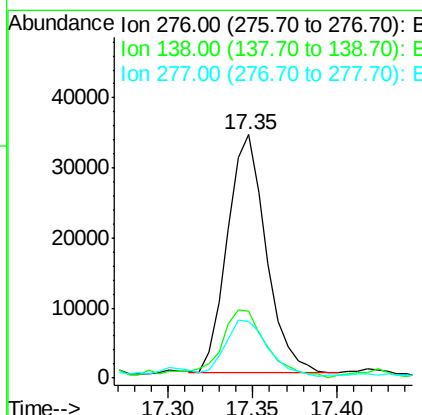
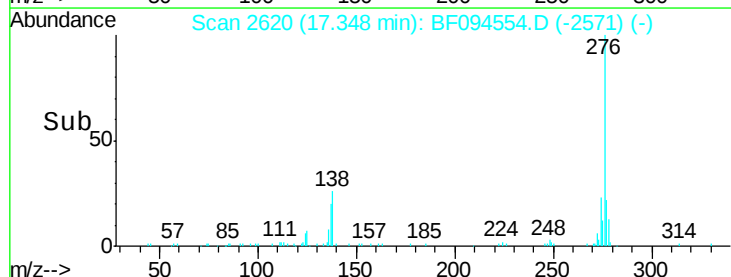
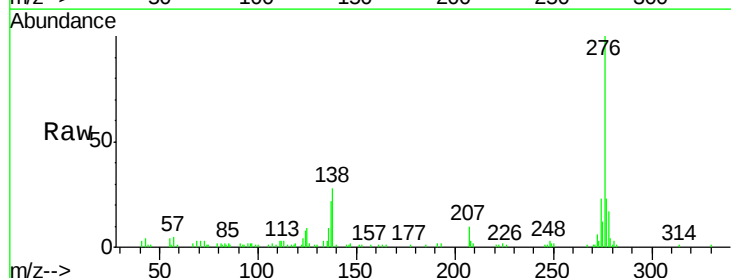
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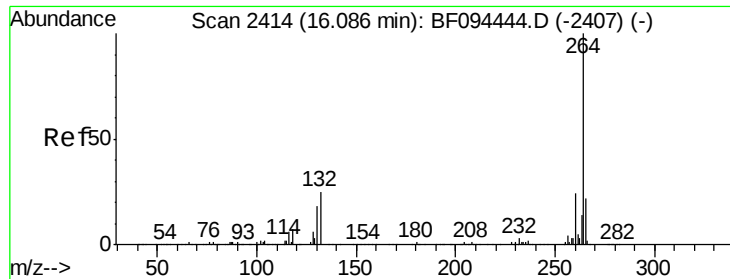
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng
RT: 17.35 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.7	20.2	30.4





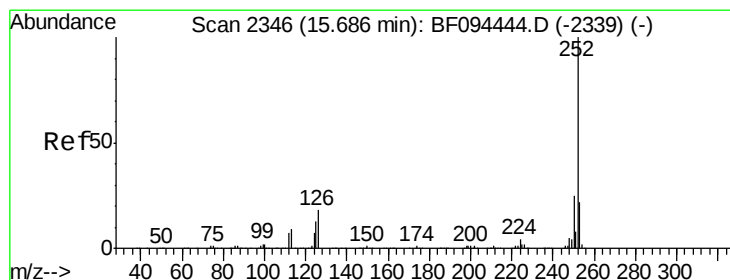
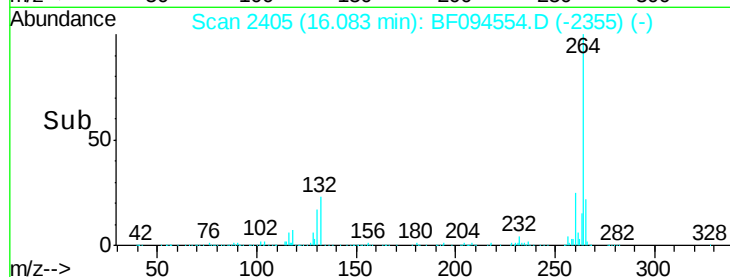
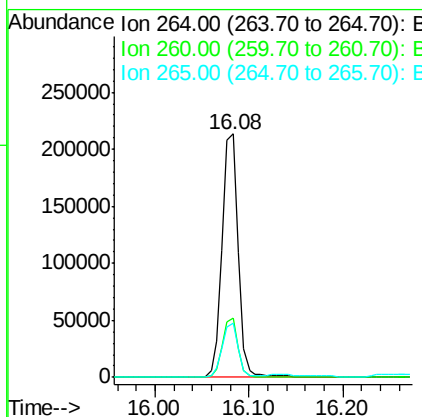
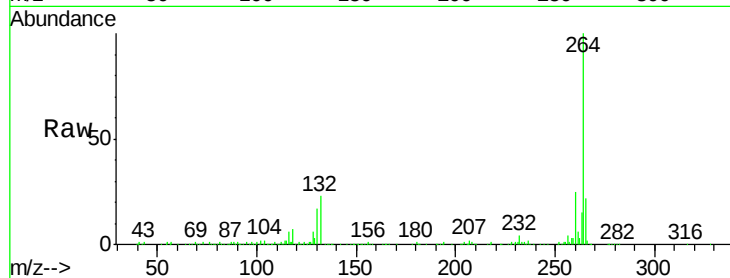
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.2	25.8

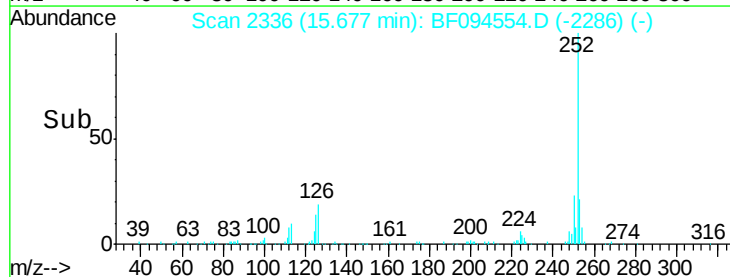
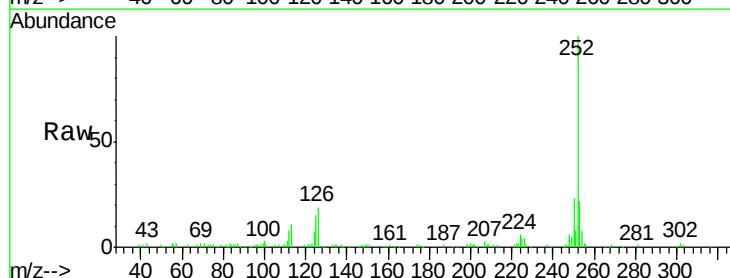
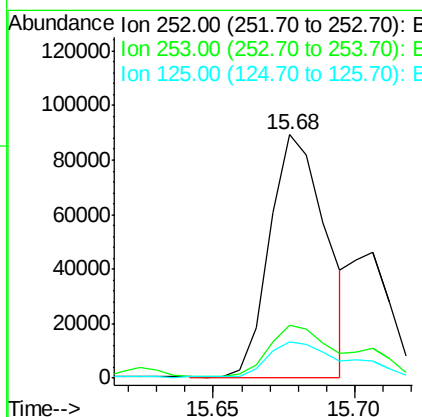
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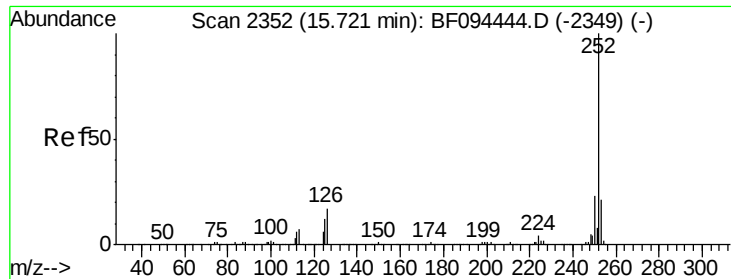
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#87
Benzo(b)fluoranthene
Concen: 7.88 ng m
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	14.9	9.8	14.8#





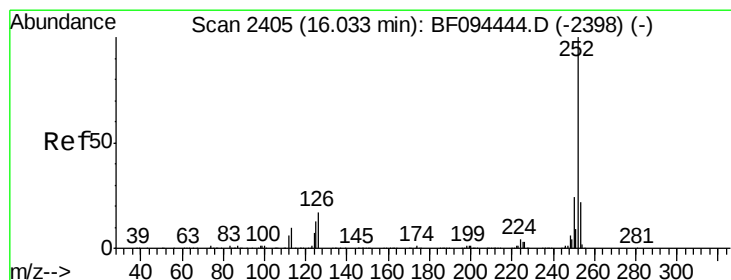
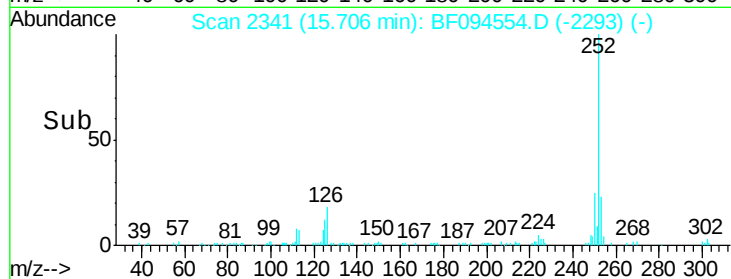
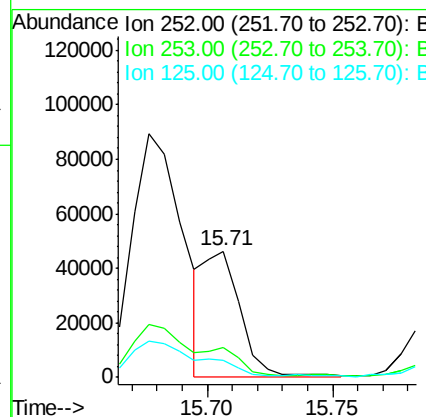
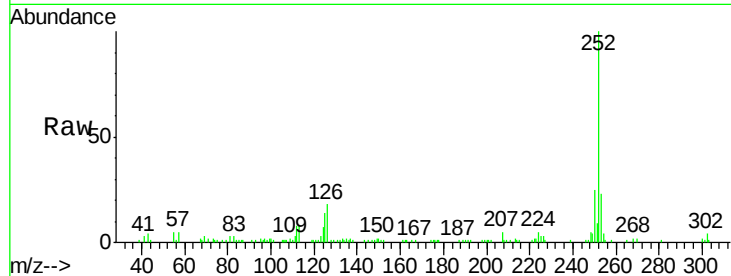
#88
Benzo(k)fluoranthene
Concen: 3.17 ng m
RT: 15.71 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	13.5	13.1	19.7

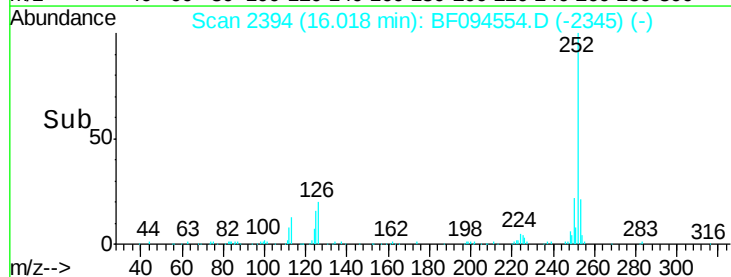
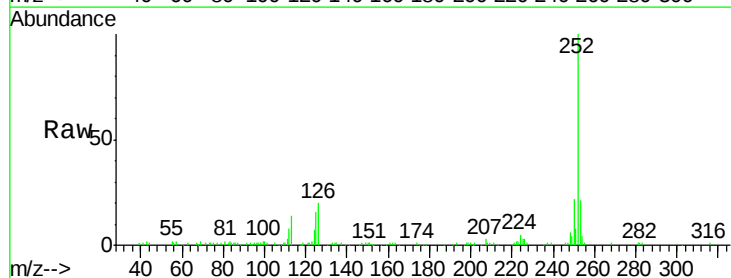
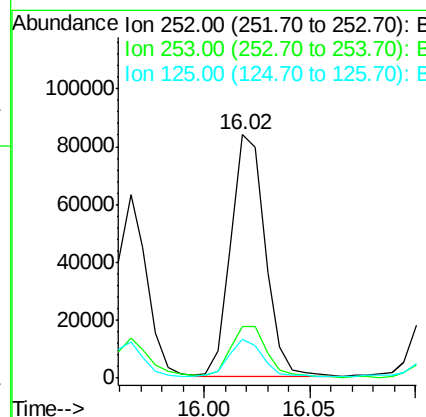
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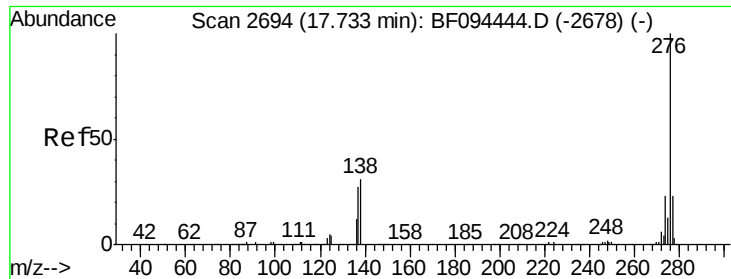
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#89
Benzo(a)pyrene
Concen: 6.43 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094554.D
Acq: 20 Apr 2017 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	16.1	11.0	16.4





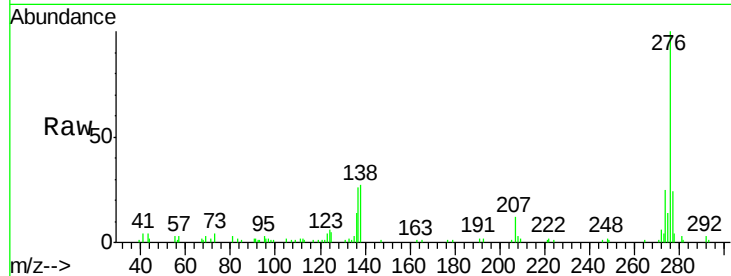
#91
 Benzo(a,h,i)perylene
 Concen: 4.69 ng
 RT: 17.72 min Scan# 2683
 Delta R.T. -0.01 min
 Lab File: BF094554.D
 Acq: 20 Apr 2017 19:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)20170418

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	26.6	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

