Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005592.D
Acq On : 22 May 2016 18:25
Operator : UM/SJ
Sample : H3087-10MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 23 06:48:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JHGK4MS

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	40225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	200968	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	134783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	346134	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	483619	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	553396	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2346	2.55	ng/uL	0.00
5) Phenol-d5	6.98	99	61448	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	37909	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	49815	18.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	52377	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	27087	17.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30344	17.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	56120	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	68202	21.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	221021	20.09	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	256814	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	35101	16.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	196484	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	22817	11.46	ng/ul	0.00
70) Anthracene-d10	17.28	188	324918	19.71	ng/ul	0.00
76) Pyrene-d10	19.57	212	415011	18.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	508942	19.70	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	73262	21.57	ng/ul	97
10) 2-Chlorophenol	7.37	128	51668	18.72	ng/ul	98
14) Acetophenone	8.63	105	5857	1.44	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	49906	23.23	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	72571	21.09	ng/ul	100
44) Dimethylphthalate	13.90	163	35781	3.29	ng/ul	99
47) Acenaphthylene	14.17	152	20406	1.46	ng/ul	97
49) Acenaphthene	14.51	153	189064	20.52	ng/ul	98
52) 4-Nitrophenol	14.66	109	37020	17.70	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	70344	21.93	ng/ul	96
58) Fluorene	15.49	166	14560	1.38	ng/ul	97
68) Pentachlorophenol	16.83	266	39856	15.11	ng/ul	98
69) Phenanthrene	17.23	178	210250	10.87	ng/ul	98
71) Anthracene	17.32	178	61879	3.14	ng/ul	99
74) Fluoranthene	19.24	202	441482	20.28	ng/ul	99
77) Pyrene	19.60	202	956491	34.40	ng/ul	97
80) Benzo(a)anthracene	21.34	228	186397	6.56	ng/ul	94
82) Chrysene	21.40	228	219316	8.11	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	224579	6.88	ng/ul#	96
86) Benzo(k)fluoranthene	22.99	252	81084m	2.62	ng/ul	
88) Benzo(a)pyrene	23.54	252	185422	5.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	112447	2.99	ng/ul	96
91) Benzo(g,h,i)perylene	26.63	276	98004	3.10	ng/ul	98

Quantitation Report (QT Reviewed)

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ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 23 06:48:28 2016
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Quant Title : SVOA CALIBRATION
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

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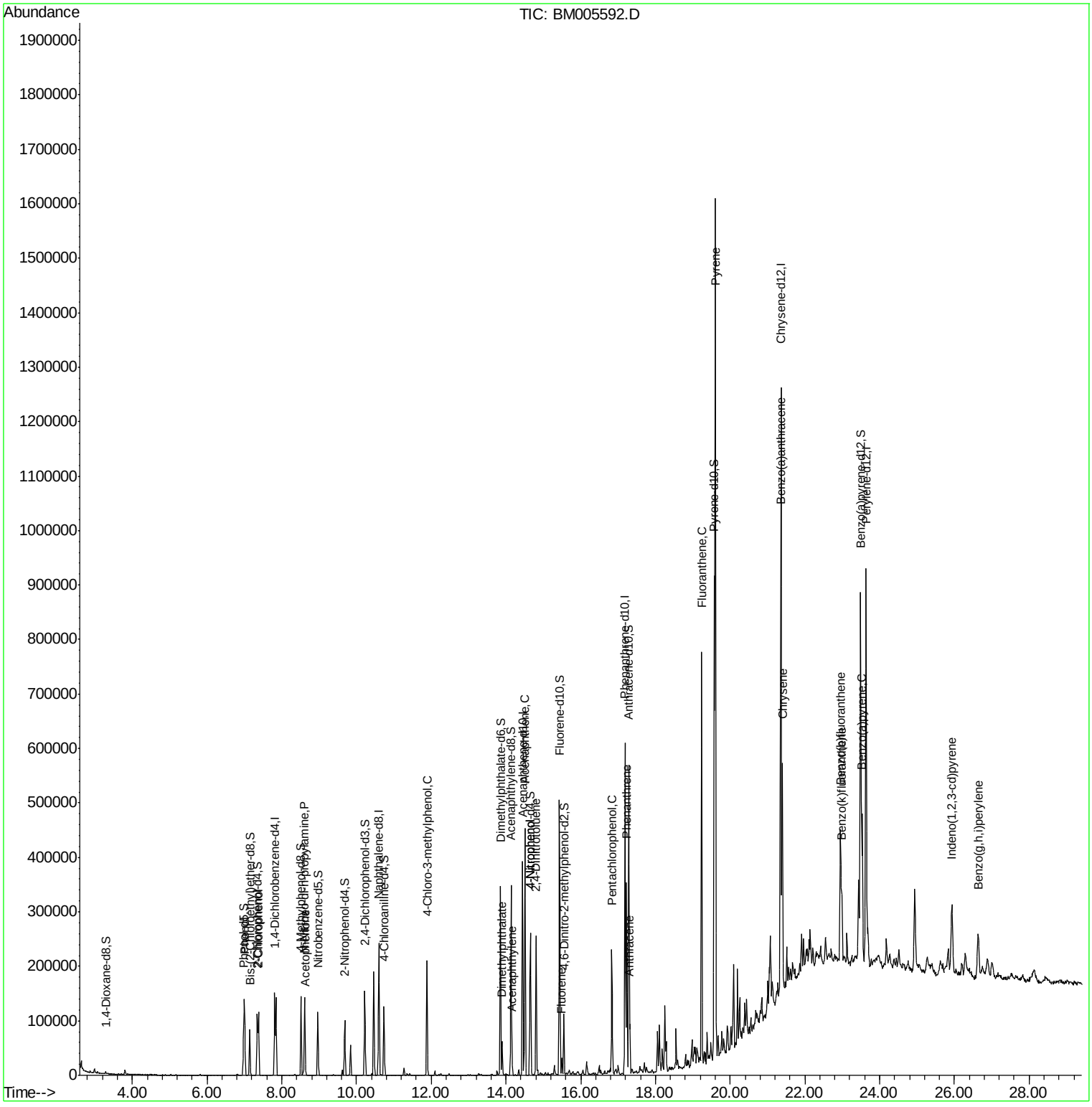
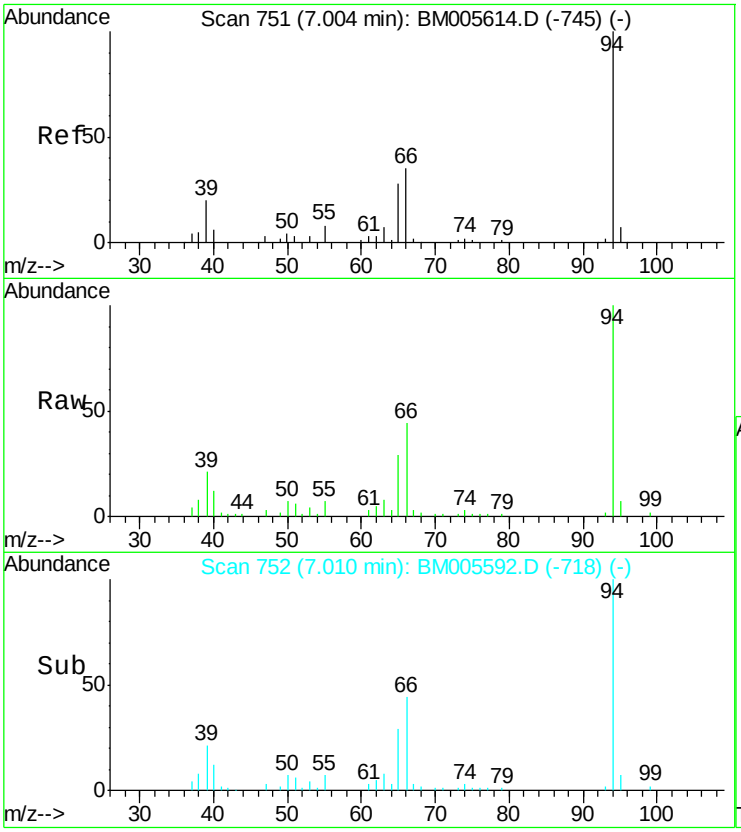
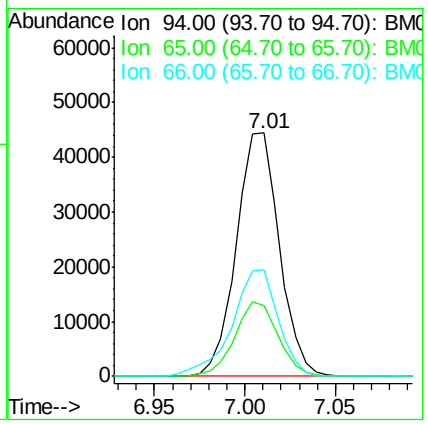




#6
Phenol
Concen: 21.57 ng/ul
RT: 7.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion: 94 Resp: 73262

Ion	Ratio	Lower	Upper
94	100		
65	28.9	24.2	36.2
66	44.1	33.9	50.9



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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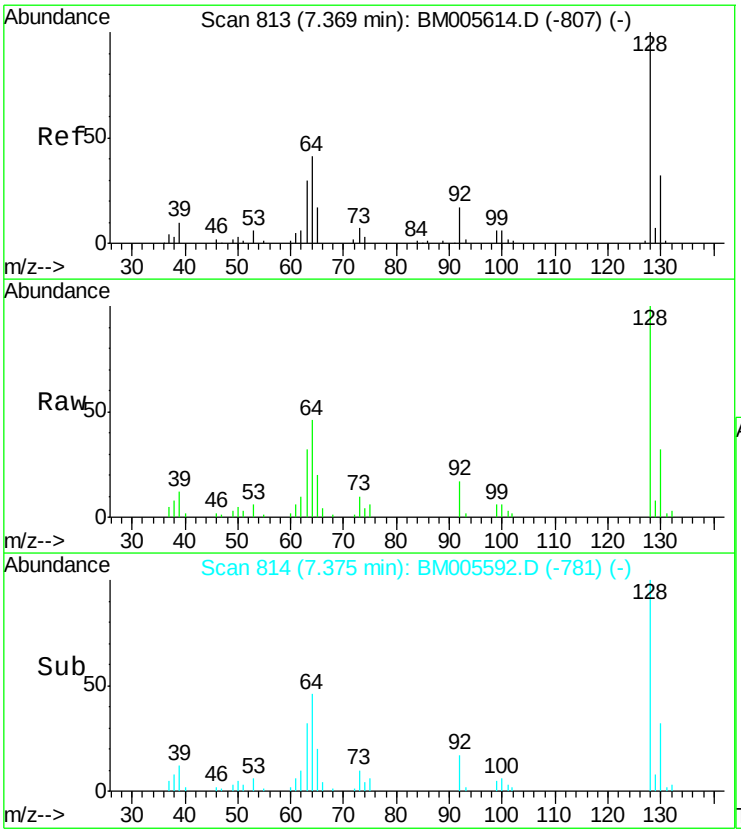
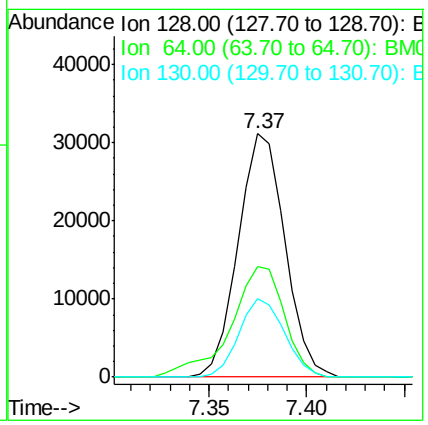
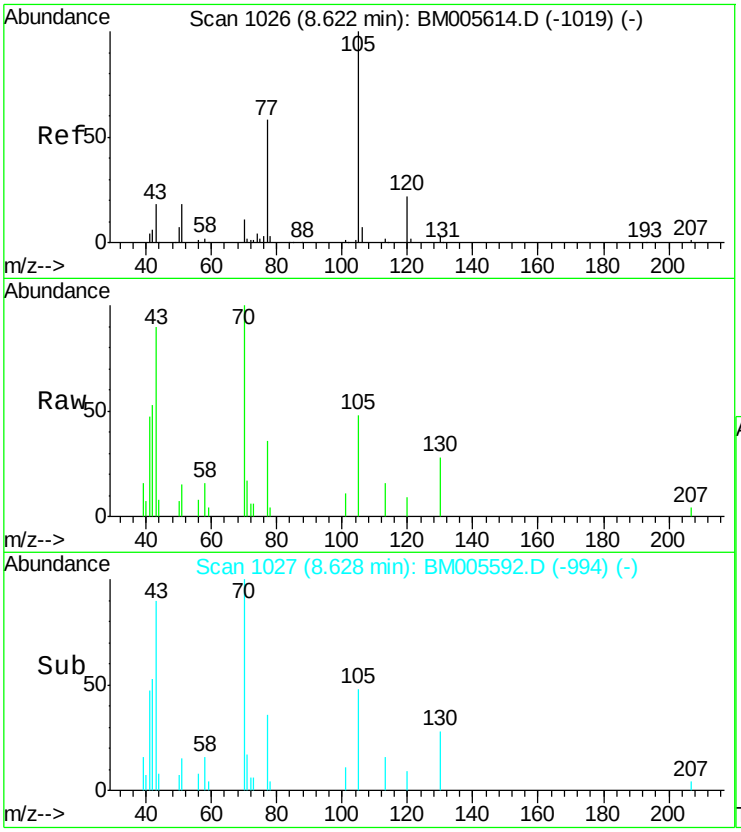


#10
2-Chlorophenol
Concen: 18.72 ng/ul
RT: 7.37 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:128 Resp: 51668

Ion	Ratio	Lower	Upper
128	100		
64	45.5	37.3	55.9
130	32.5	26.6	40.0





#14
Acetophenone
Concen: 1.44 ng/ul
RT: 8.63 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:105 Resp: 5857

Ion	Ratio	Lower	Upper
105	100		
77	74.4	60.8	91.2
51	30.5	22.2	33.2

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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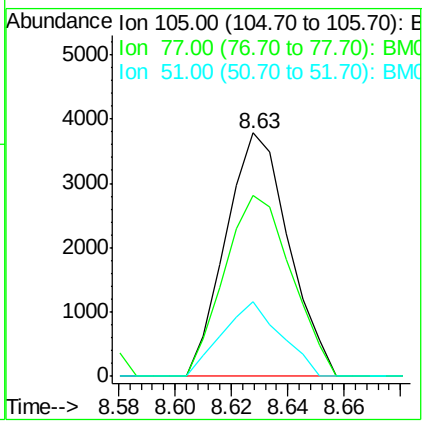
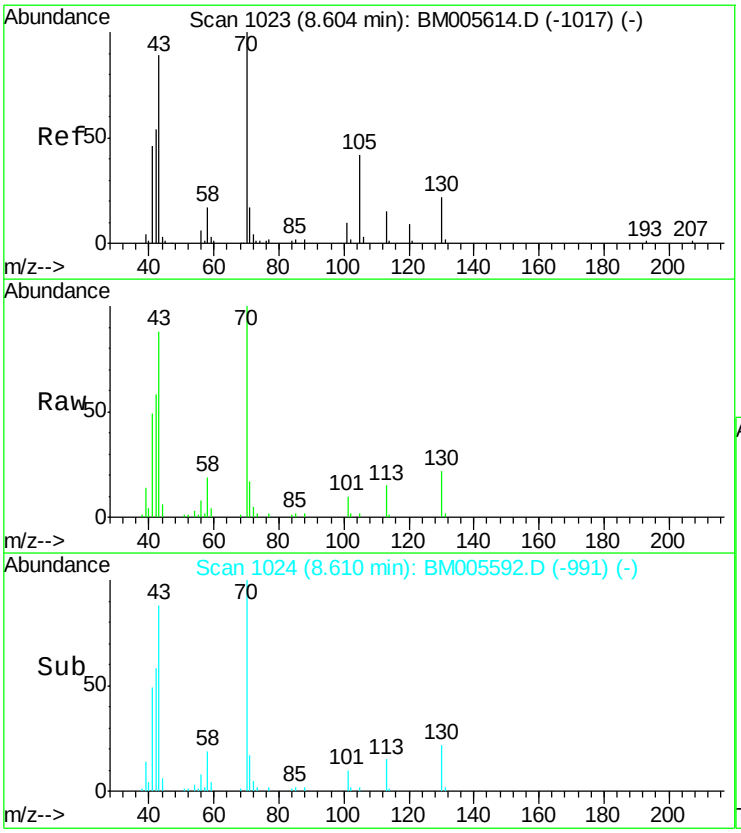
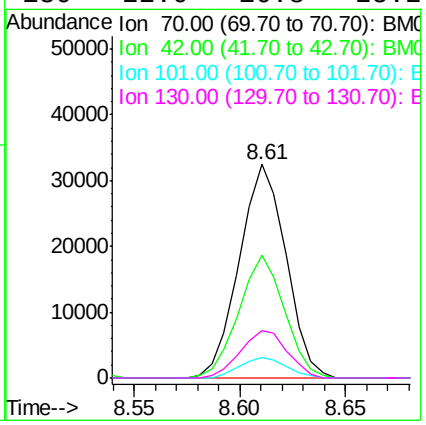


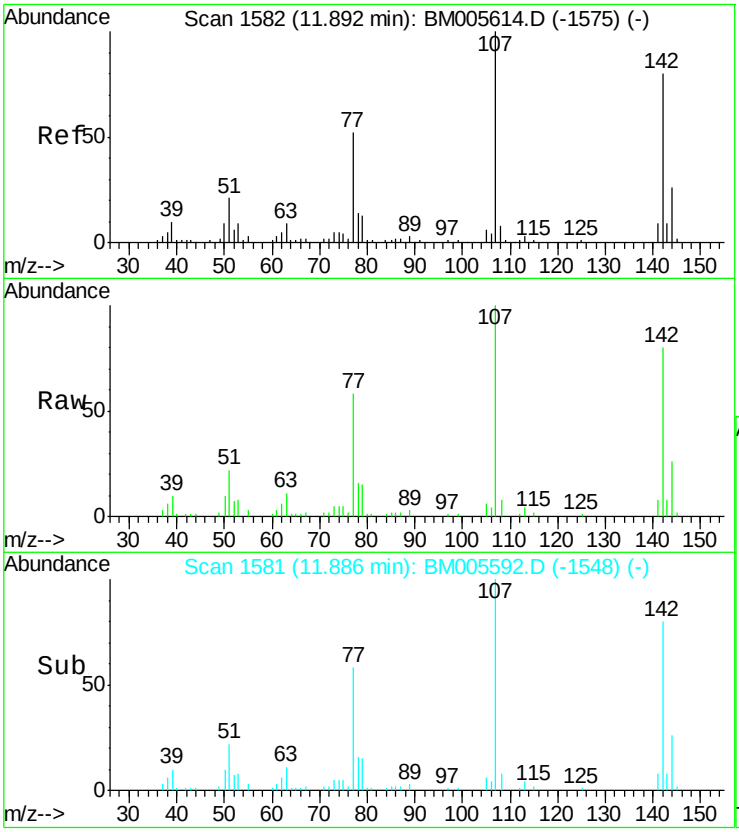


#15
N-Nitroso-di-n-propylamine
Concen: 23.23 ng/ul
RT: 8.61 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion: 70 Resp: 49906

Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.1	69.1
101	9.7	8.0	12.0
130	22.0	16.8	25.2

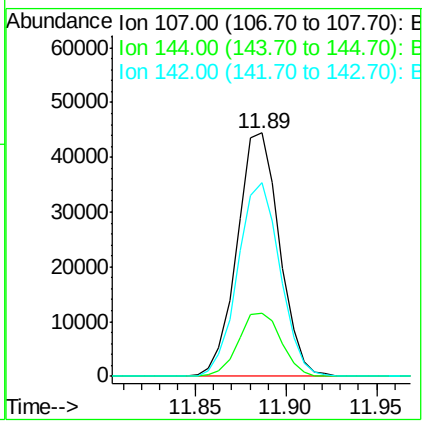




#33
4-Chloro-3-methylphenol
Concen: 21.09 ng/ul
RT: 11.89 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:107 Resp: 72571

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	31.0
142	79.7	63.5	95.3



Instrument :
BNA_M
ClientSampleId :
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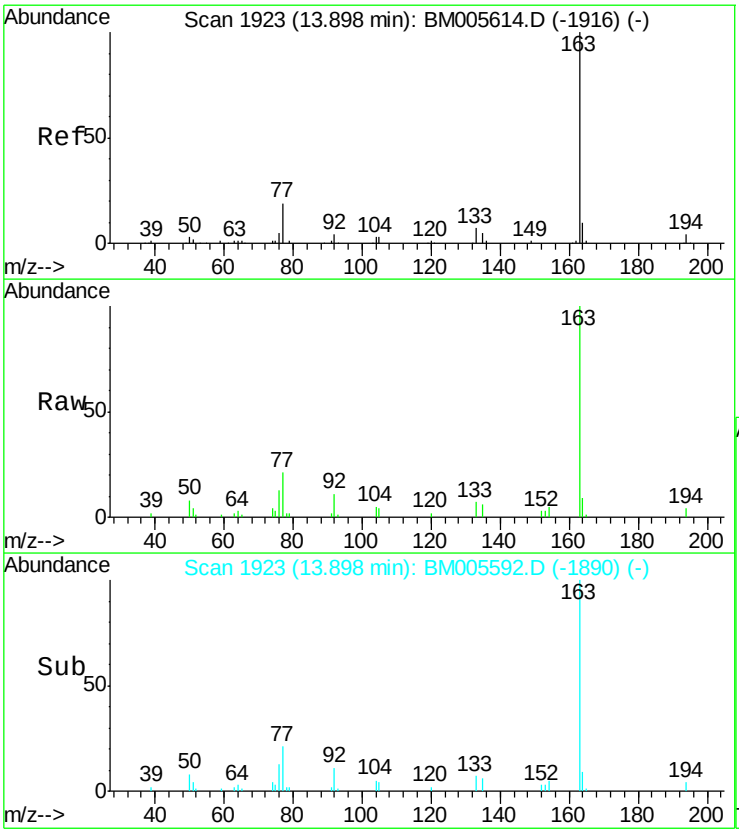
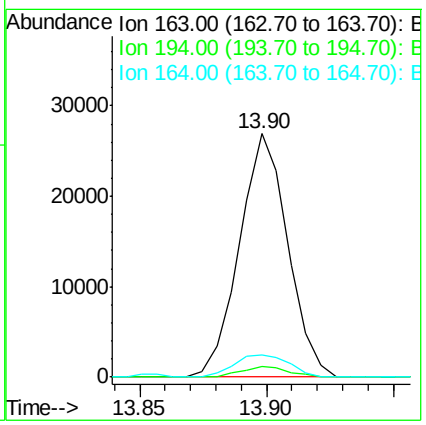
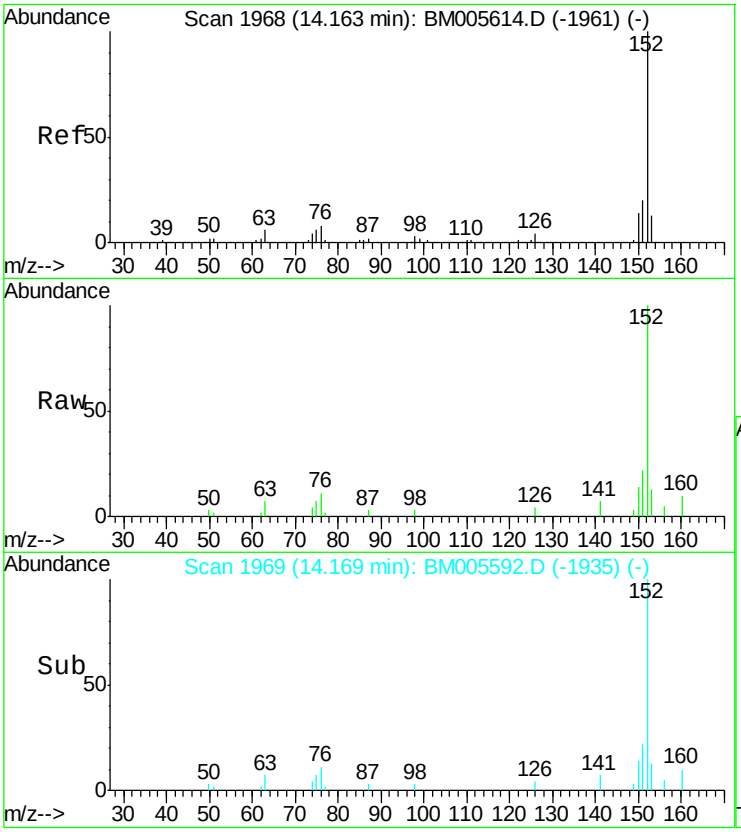


#44
Dimethylphthalate
Concen: 3.29 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:163 Resp: 35781

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.3	8.0	12.0

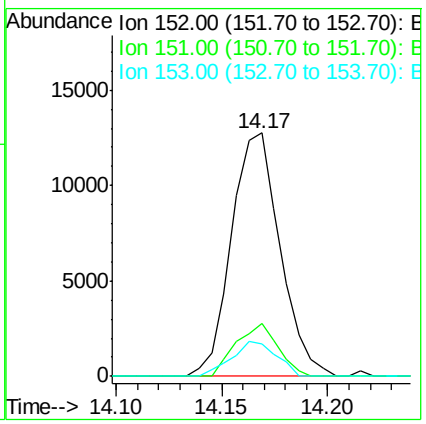




#47
Acenaphthylene
Concen: 1.46 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:152 Resp: 20406

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.7	23.5
153	13.1	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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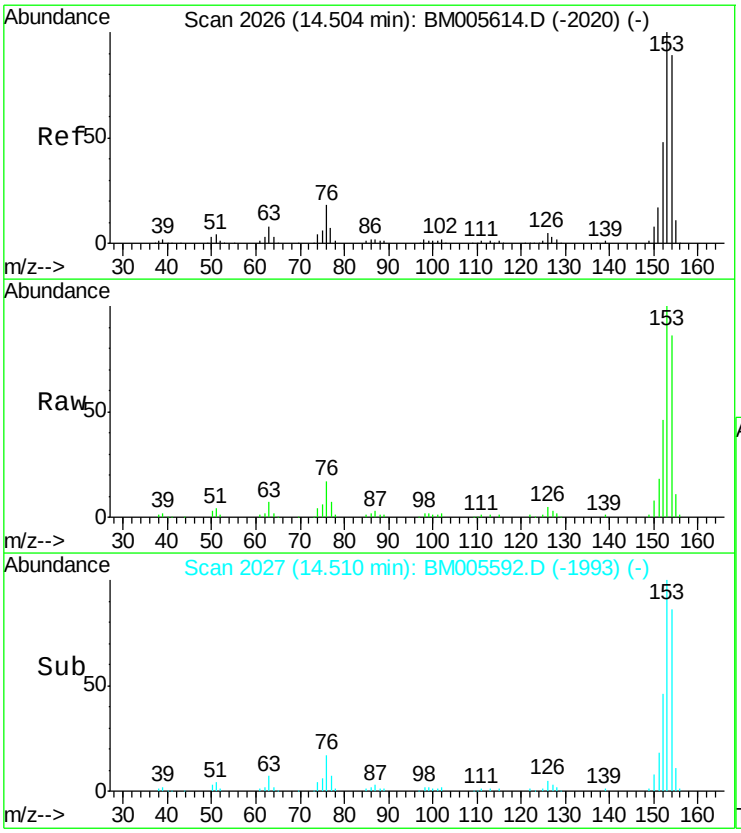
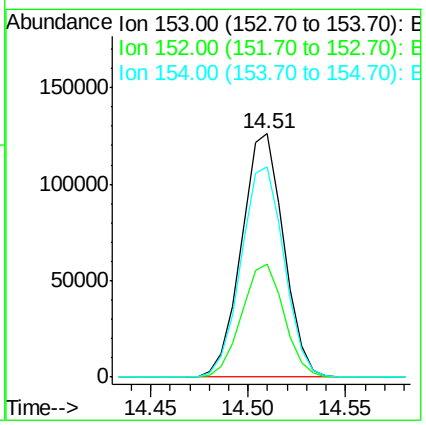
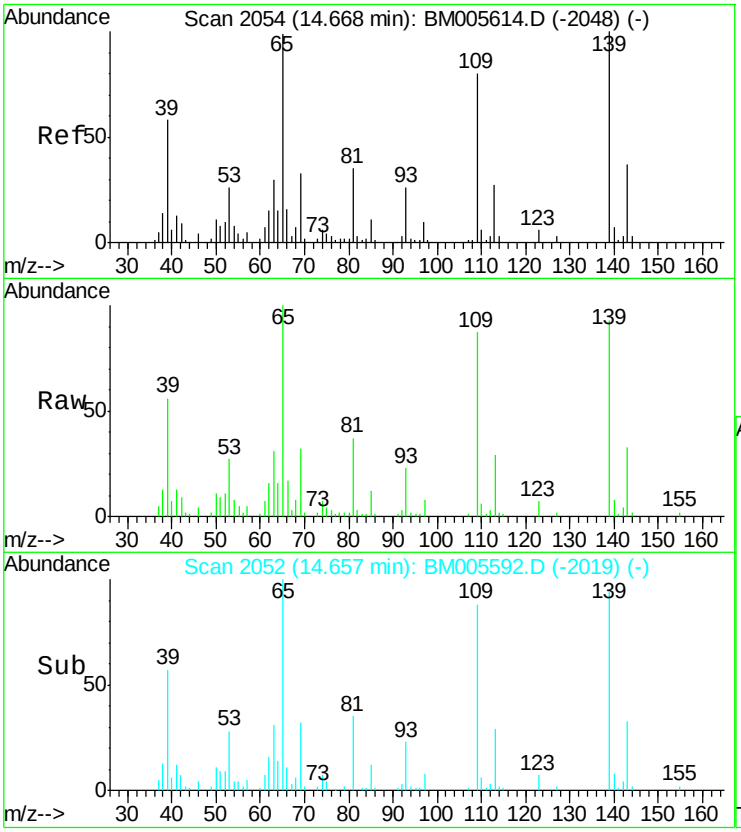


#49
Acenaphthene
Concen: 20.52 ng/ul
RT: 14.51 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:153 Resp: 189064

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.8	56.6
154	86.3	71.1	106.7

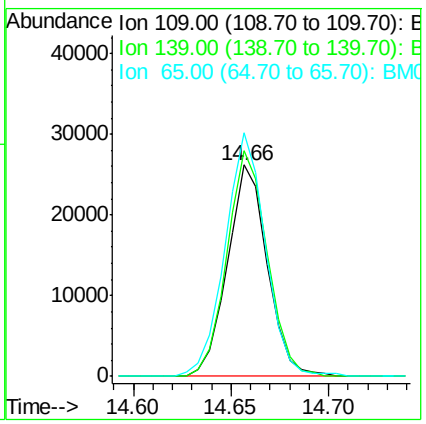




#52
4-Nitrophenol
Concen: 17.70 ng/ul
RT: 14.66 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:109 Resp: 37020

Ion	Ratio	Lower	Upper
109	100		
139	106.9	87.5	131.3
65	115.2	90.2	135.2



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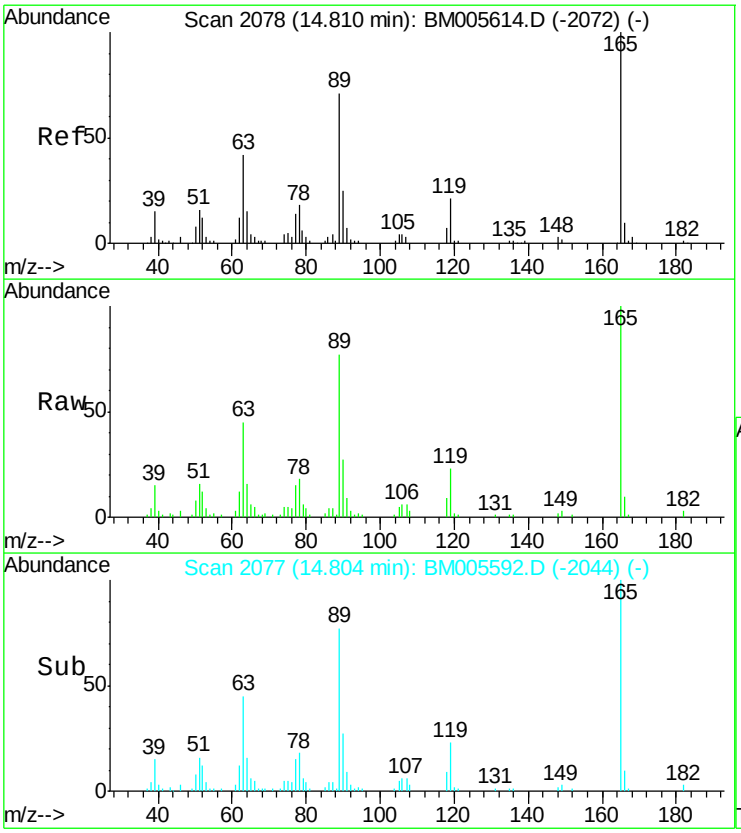
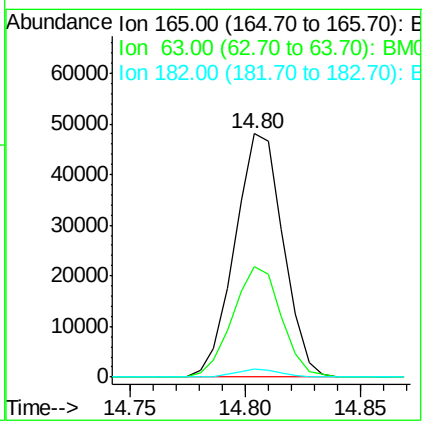
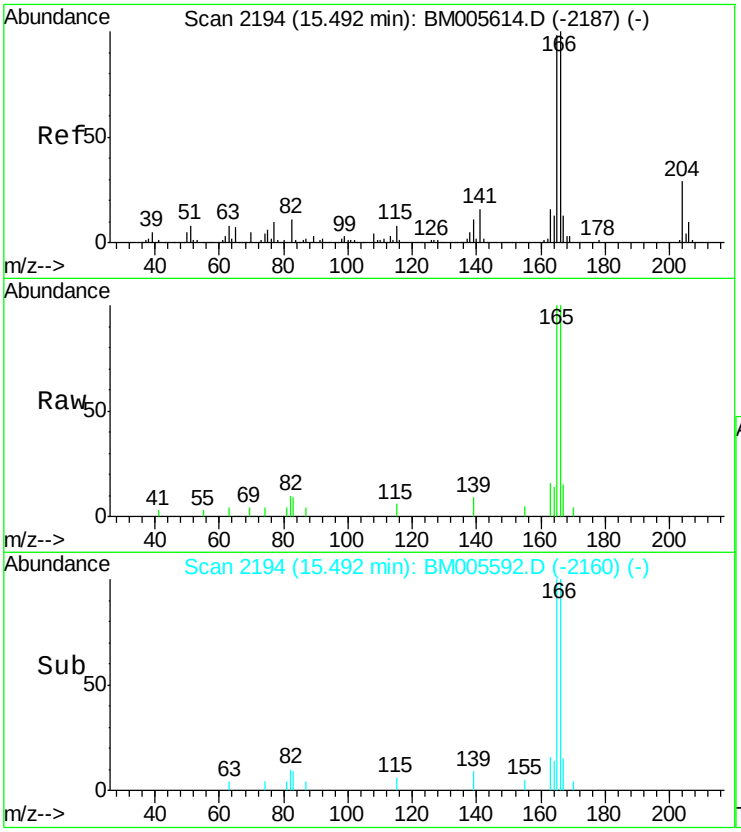


#54
2,4-Dinitrotoluene
Concen: 21.93 ng/ul
RT: 14.80 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:165 Resp: 70344

Ion	Ratio	Lower	Upper
165	100		
63	45.1	33.9	50.9
182	3.3	2.3	3.5

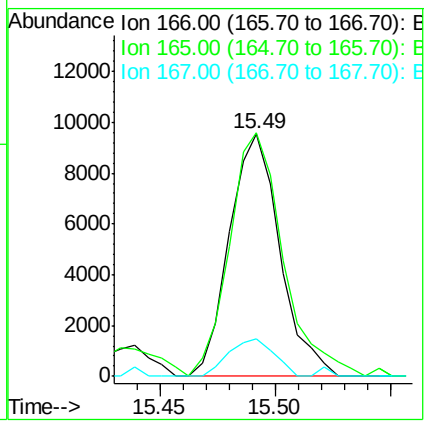




#58
Fluorene
Concen: 1.38 ng/ul
RT: 15.49 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:166 Resp: 14560

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.0	117.0
167	15.4	10.5	15.7



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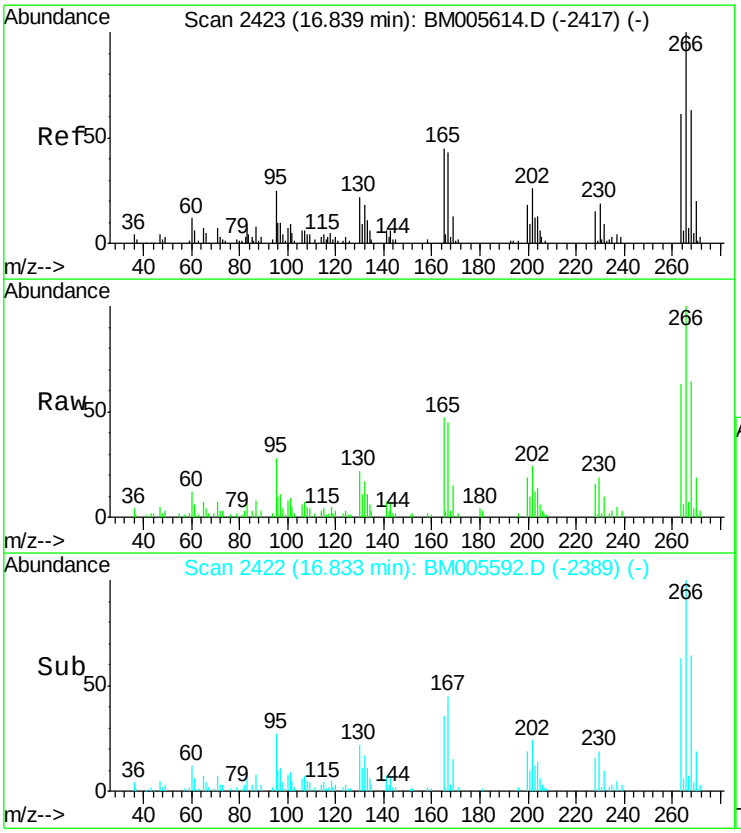
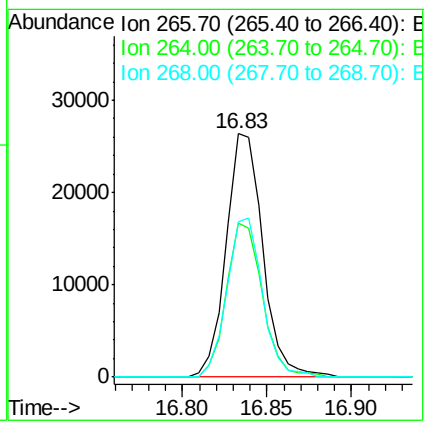
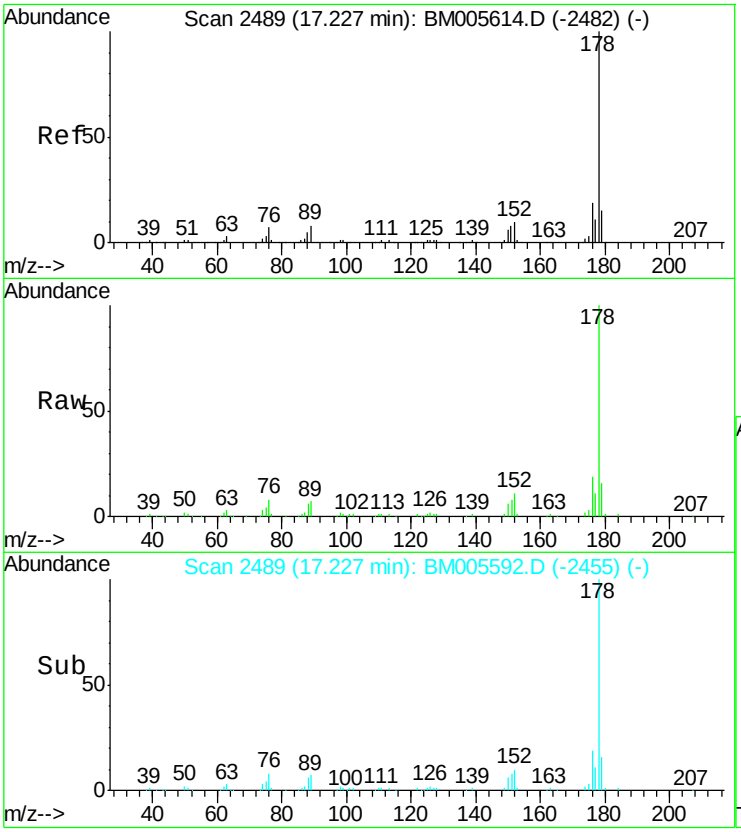


#68
Pentachlorophenol
Concen: 15.11 ng/ul
RT: 16.83 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:266 Resp: 39856

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.9	76.3
268	63.9	52.8	79.2

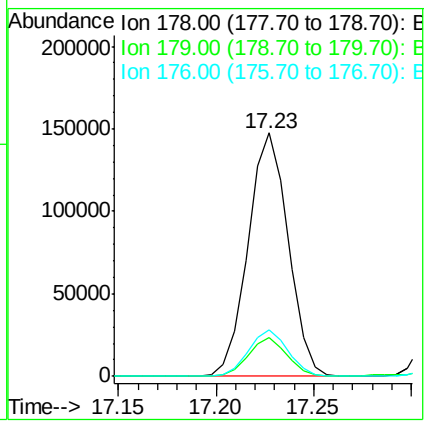




#69
Phenanthrene
Concen: 10.87 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:178 Resp: 210250

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	18.9	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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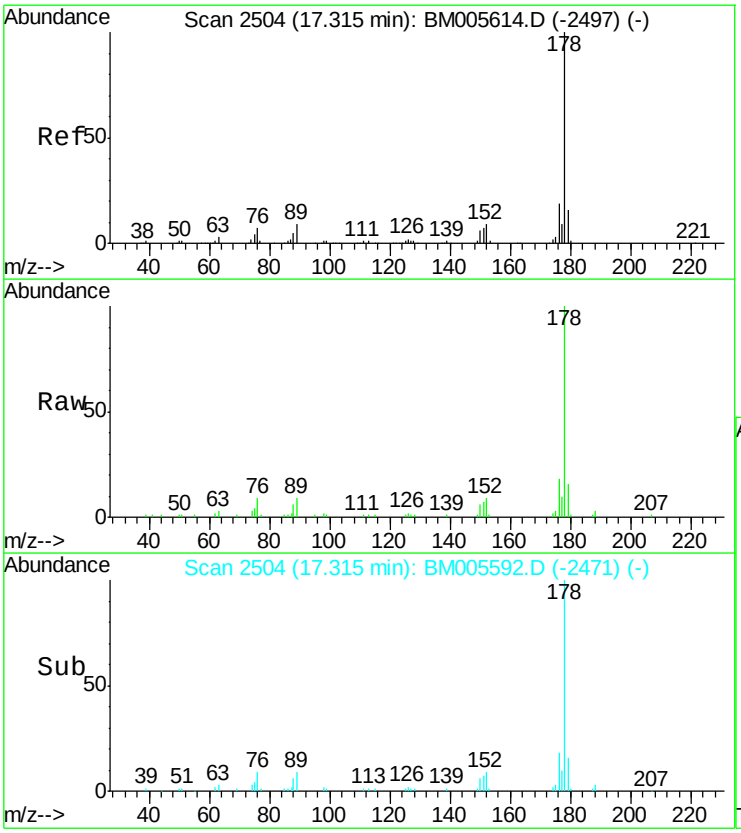
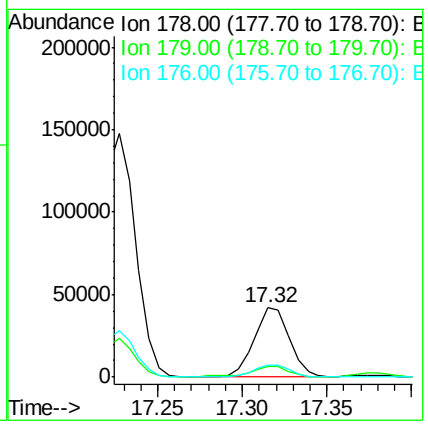
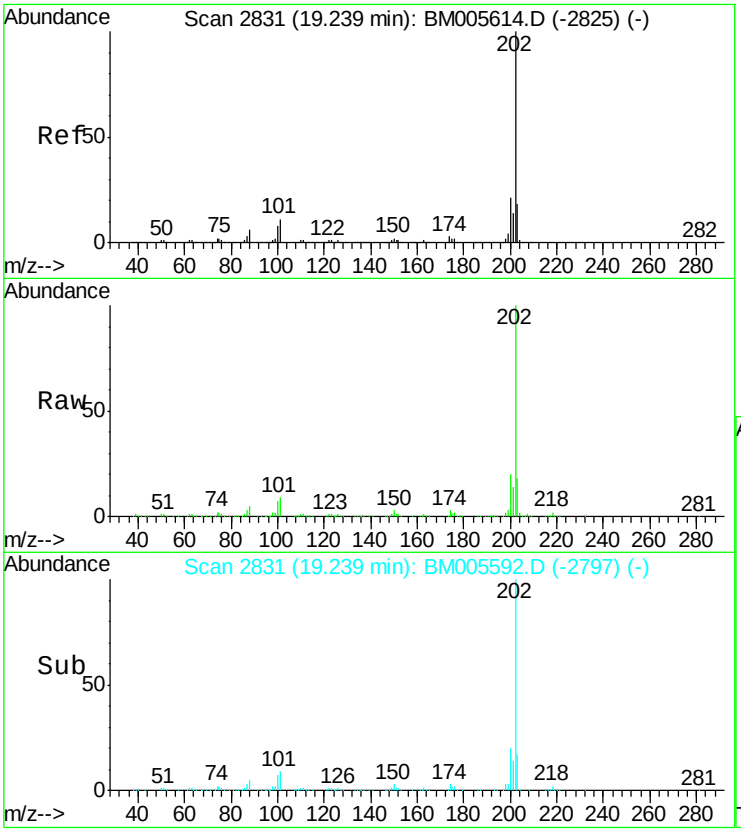


#71
Anthracene
Concen: 3.14 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:178 Resp: 61879

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.2	15.0	22.4

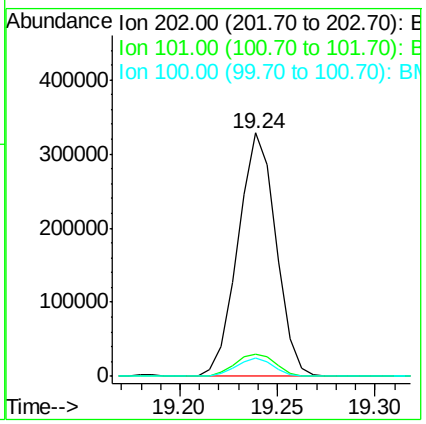




#74
Fluoranthene
Concen: 20.28 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:202 Resp: 441482

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.9	11.9
100	7.4	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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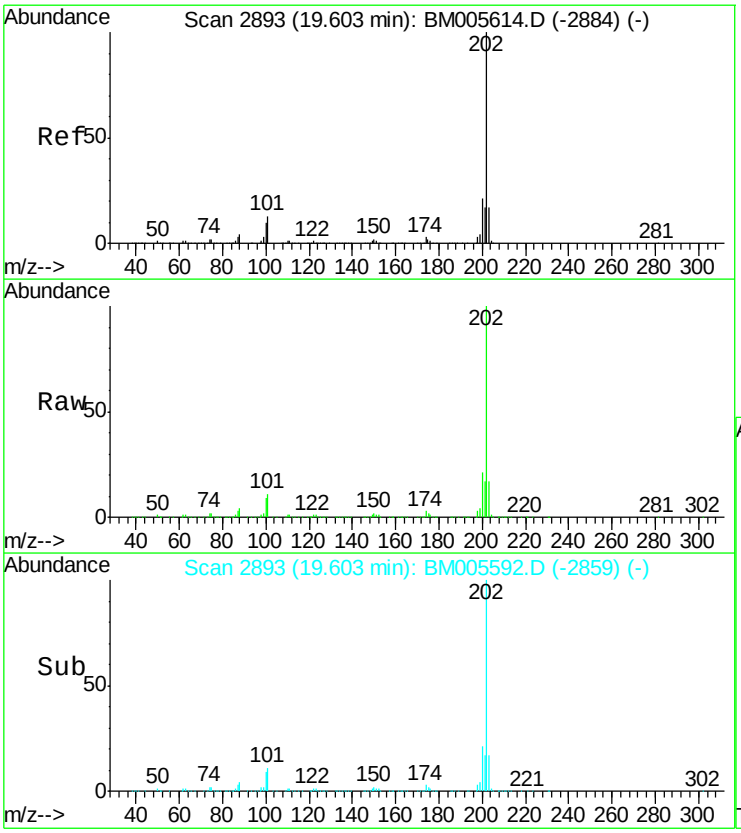
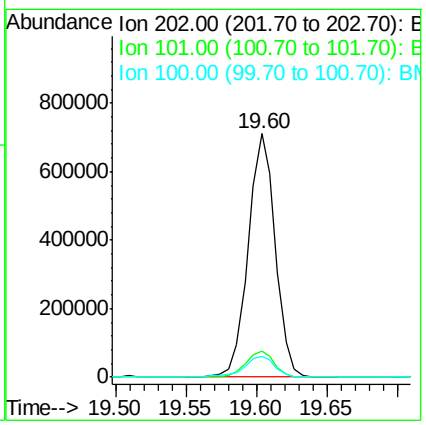
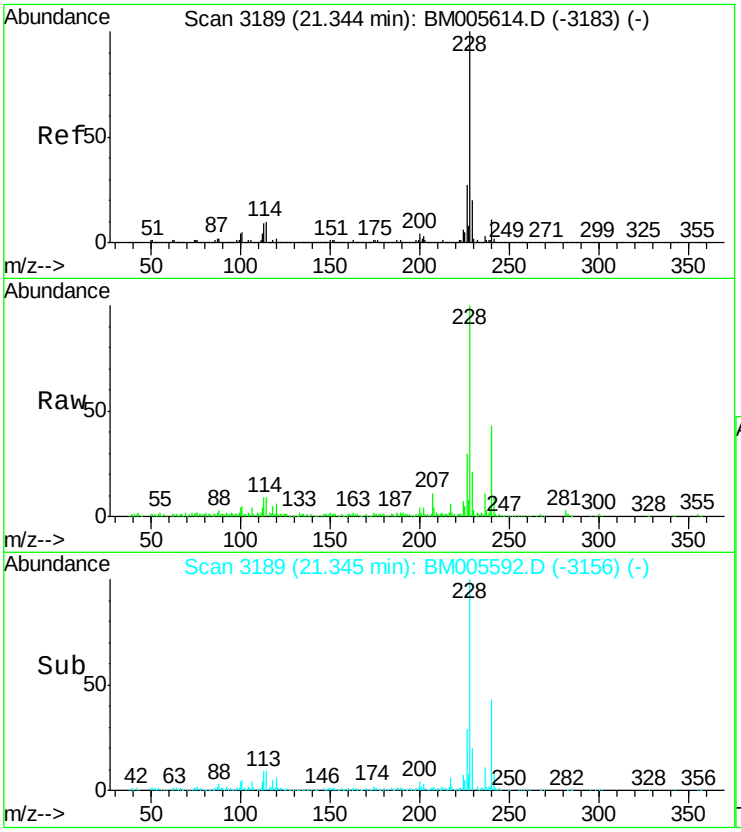


#77
Pyrene
Concen: 34.40 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:202 Resp: 956491

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.6	14.4
100	8.8	7.8	11.6

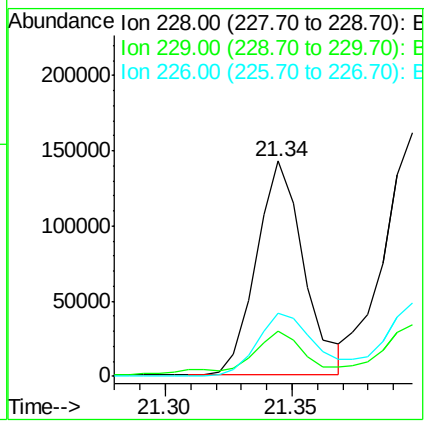




#80
Benzo(a)anthracene
Concen: 6.56 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:228 Resp: 186397

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	29.6	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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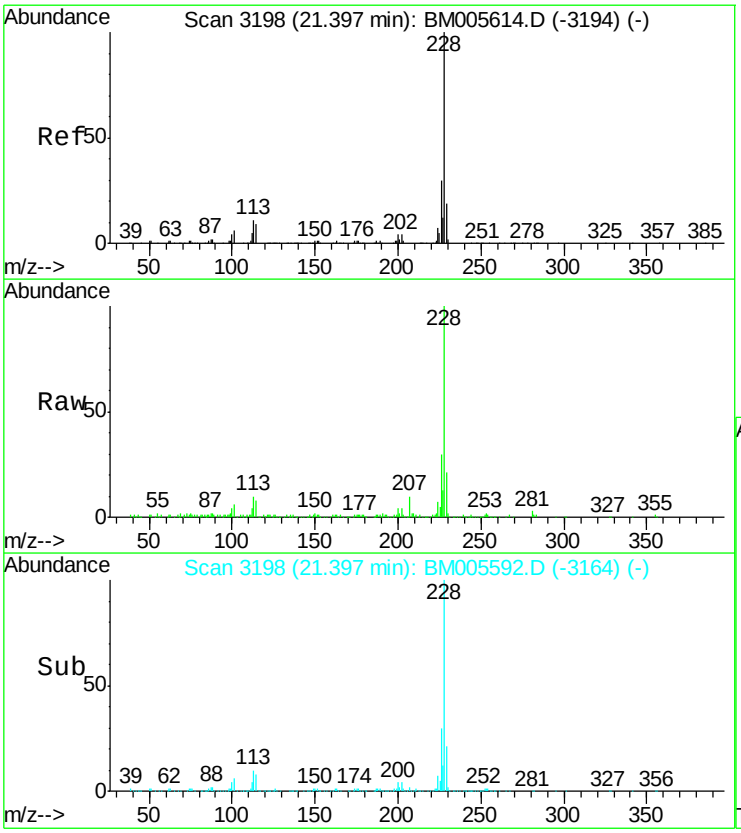
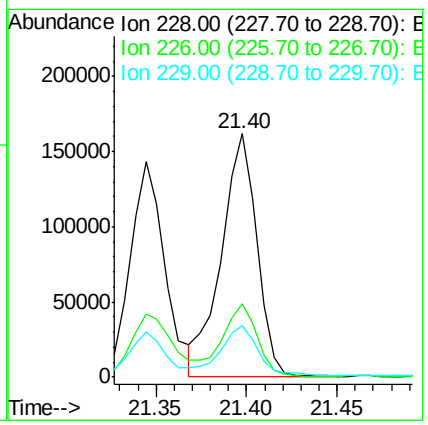
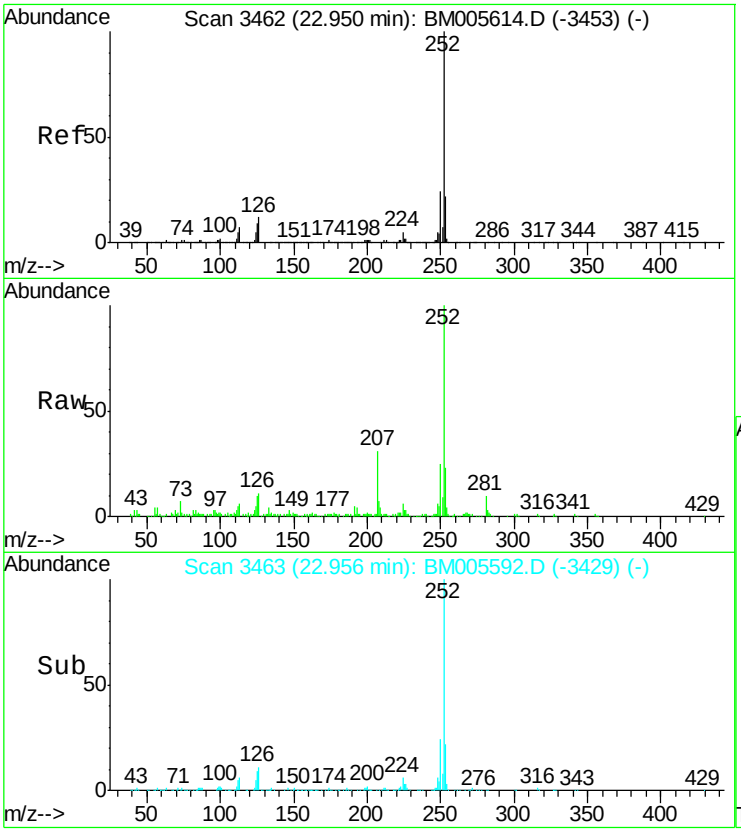


#82
Chrysene
Concen: 8.11 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:228 Resp: 219316

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	21.5	15.5	23.3

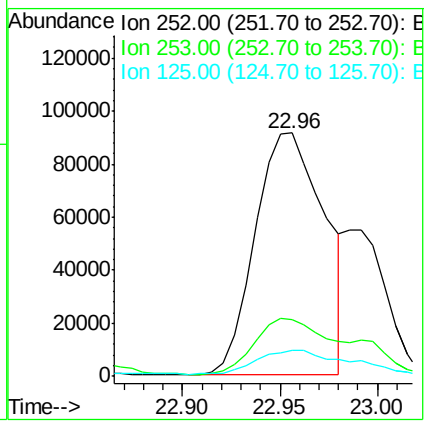




#85
Benzo(b)fluoranthene
Concen: 6.88 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:252 Resp: 224579

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.5	7.0	10.4#



Instrument :
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ClientSampleId :
JHGK4MS

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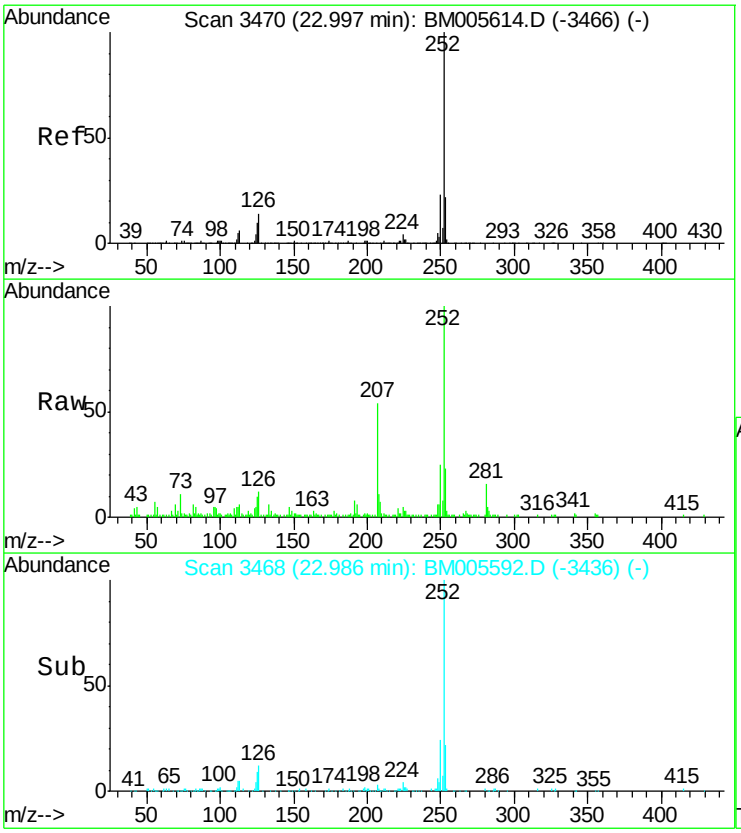
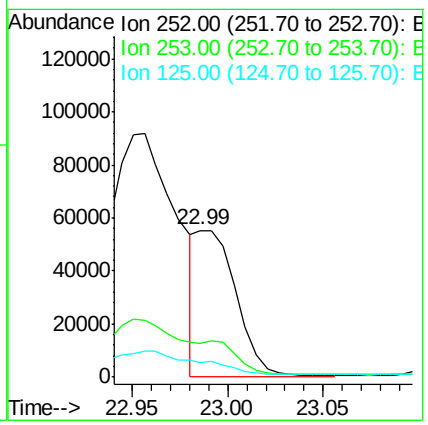
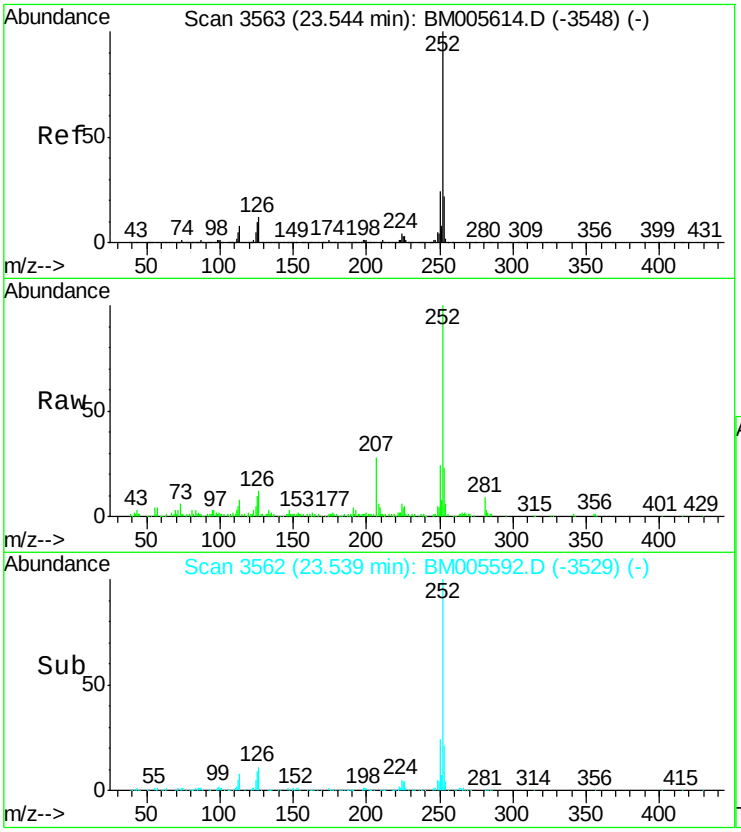


#86
Benzo(k)fluoranthene
Concen: 2.62 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:252 Resp: 81084

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.3	7.0	10.6

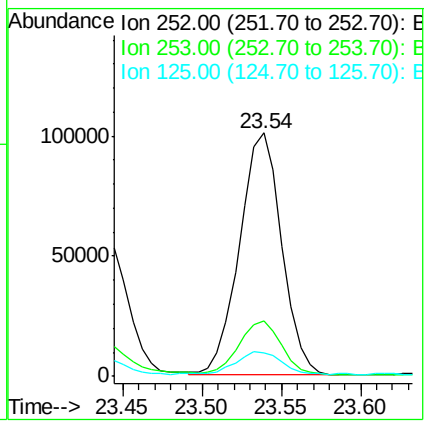




#88
Benzo(a)pyrene
Concen: 5.86 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:252 Resp: 185422

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.8	7.6	11.4



Instrument :
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ClientSampleId :
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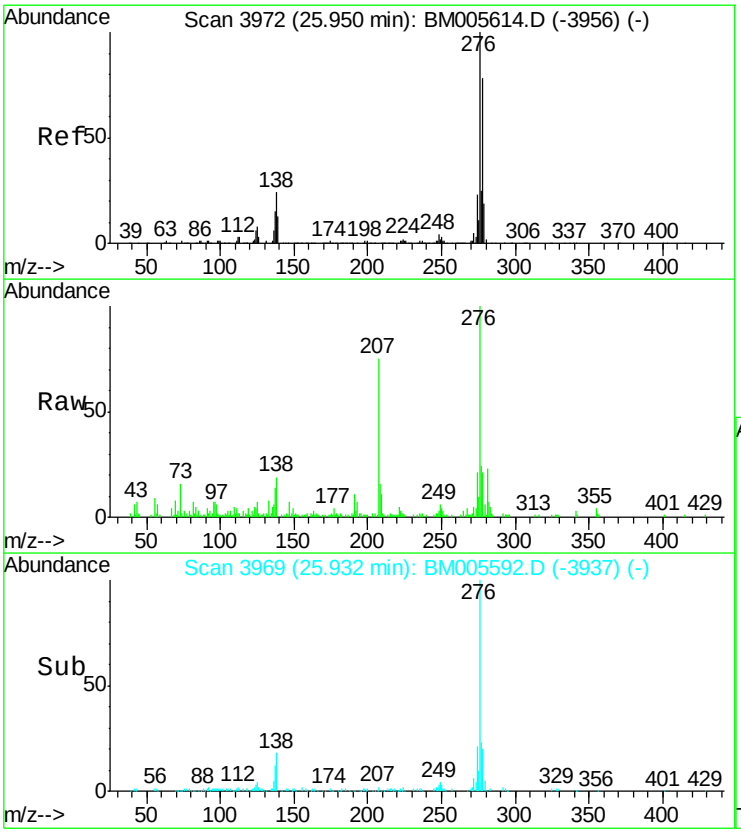
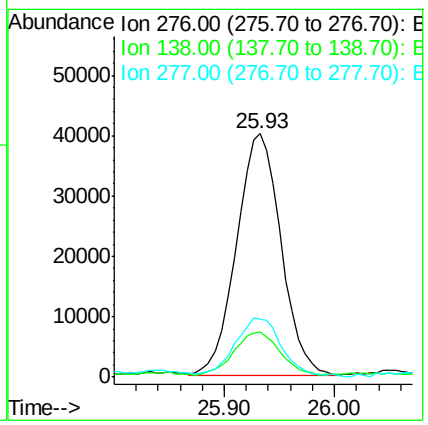
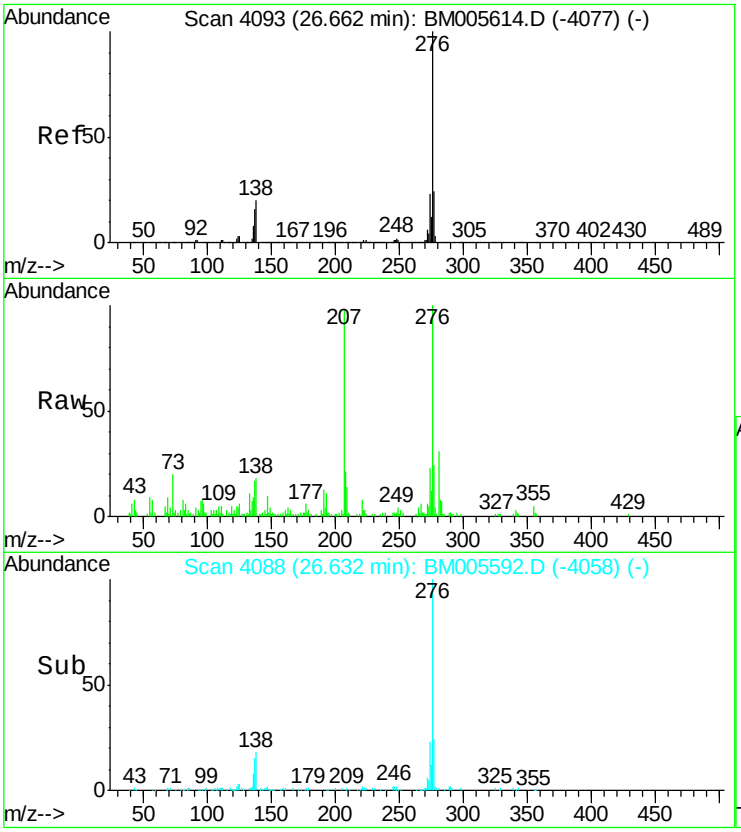


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.99 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:276 Resp: 112447

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.9	25.3
277	24.0	20.2	30.4

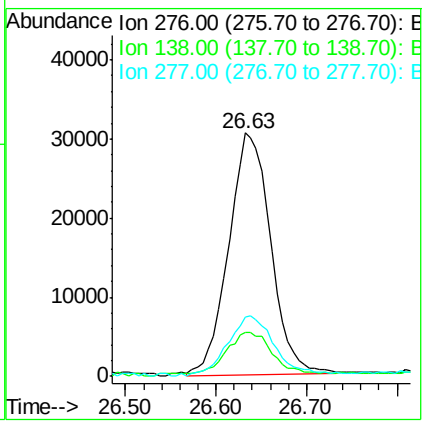




#91
Benzo(g,h,i)perylene
Concen: 3.10 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. -0.02 min
Lab File: BM005592.D
Acq: 22 May 2016 18:25

Tgt Ion:276 Resp: 98004

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.0	22.6
277	24.5	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
JHGK4MS

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