Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005623.D
Acq On : 23 May 2016 23:35
Operator : UM/SJ
Sample : H3087-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 07:31:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JHGK4MSD

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	137604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	607881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	345078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	775736	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	852473	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	861583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	9638	3.07	ng/uL	0.00
5) Phenol-d5	6.98	99	195364	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	119031	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	164174	17.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	150538	16.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	81222	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	87976	17.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	153708	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	180058	18.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	508224	18.04	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	627246	17.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	77546	14.55	ng/ul	0.00
57) Fluorene-d10	15.43	176	450805	18.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	45085	10.10	ng/ul	0.00
70) Anthracene-d10	17.27	188	695907	18.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	774684	20.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	756328	18.80	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	233655	20.11	ng/ul	94
10) 2-Chlorophenol	7.37	128	166185	17.60	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	137650	18.73	ng/ul	97
33) 4-Chloro-3-methylphenol	11.88	107	180062	17.30	ng/ul	100
44) Dimethylphthalate	13.89	163	84944	3.05	ng/ul	99
47) Acenaphthylene	14.16	152	40255	1.13	ng/ul	99
49) Acenaphthene	14.50	153	442086	18.74	ng/ul	100
52) 4-Nitrophenol	14.66	109	67994	12.70	ng/ul	85
54) 2,4-Dinitrotoluene	14.80	165	156999	19.12	ng/ul	100
58) Fluorene	15.49	166	33721	1.25	ng/ul	96
68) Pentachlorophenol	16.83	266	61915	10.48	ng/ul	99
69) Phenanthrene	17.22	178	445200	10.27	ng/ul	99
71) Anthracene	17.31	178	123717	2.80	ng/ul	100
74) Fluoranthene	19.23	202	845842	17.33	ng/ul	96
77) Pyrene	19.60	202	1765990	36.04	ng/ul	97
80) Benzo(a)anthracene	21.34	228	319306	6.37	ng/ul	96
82) Chrysene	21.39	228	379277	7.96	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	347935	6.85	ng/ul#	96
86) Benzo(k)fluoranthene	22.99	252	124583m	2.59	ng/ul	
88) Benzo(a)pyrene	23.53	252	280563	5.69	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.93	276	147867	2.53	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	126847	2.58	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005623.D
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Sample : H3087-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 07:31:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
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Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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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)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
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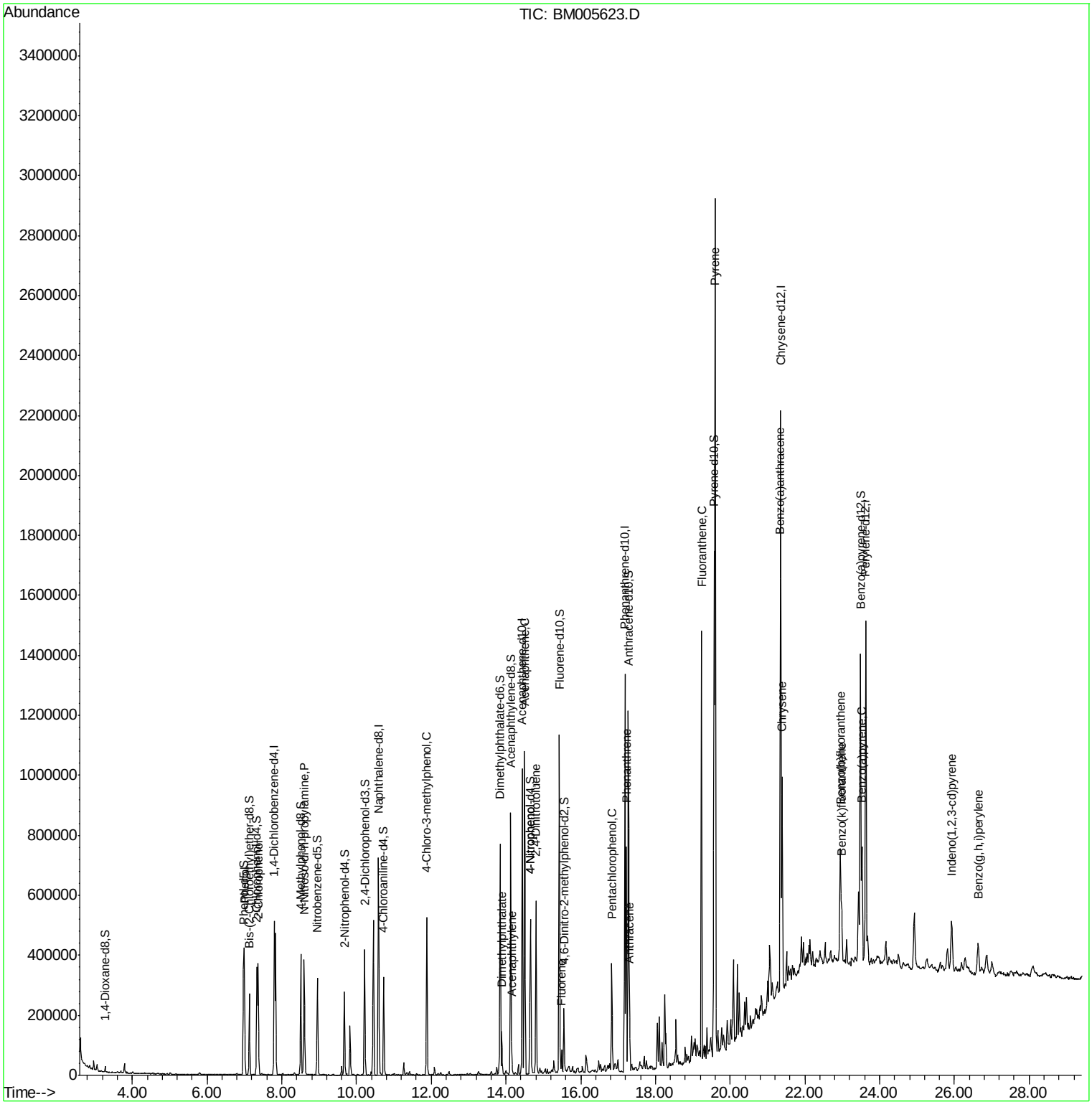
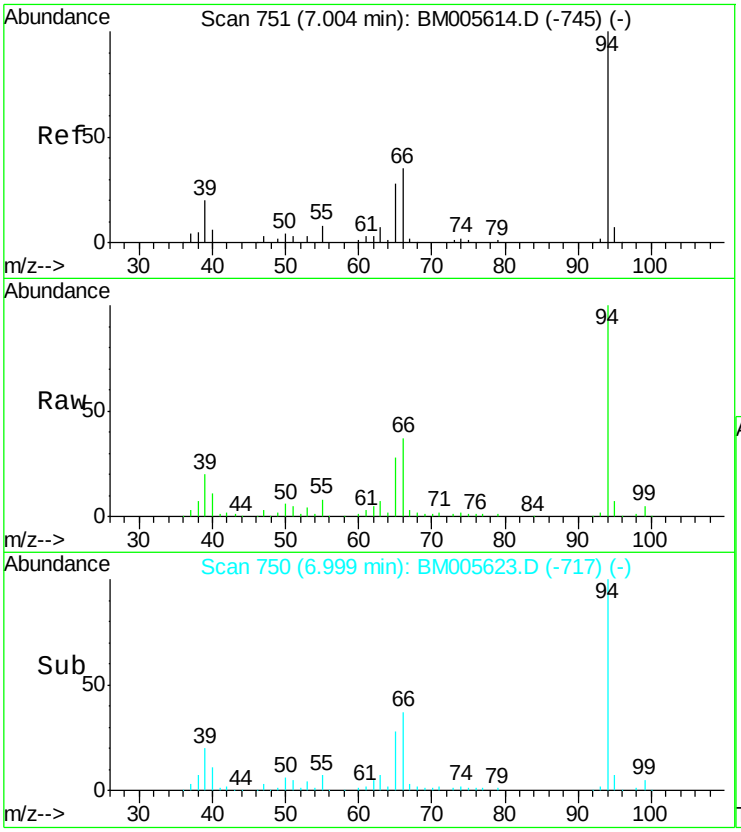
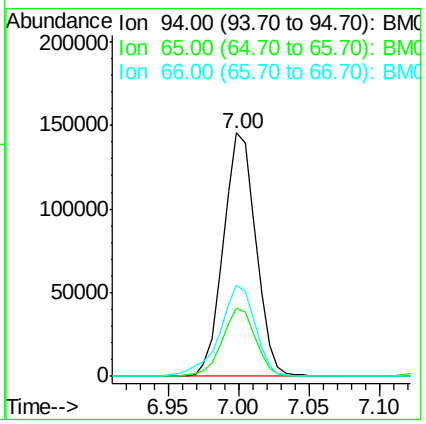




#6
Phenol
Concen: 20.11 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion: 94 Resp: 233655

Ion	Ratio	Lower	Upper
94	100		
65	28.0	24.2	36.2
66	37.3	33.9	50.9



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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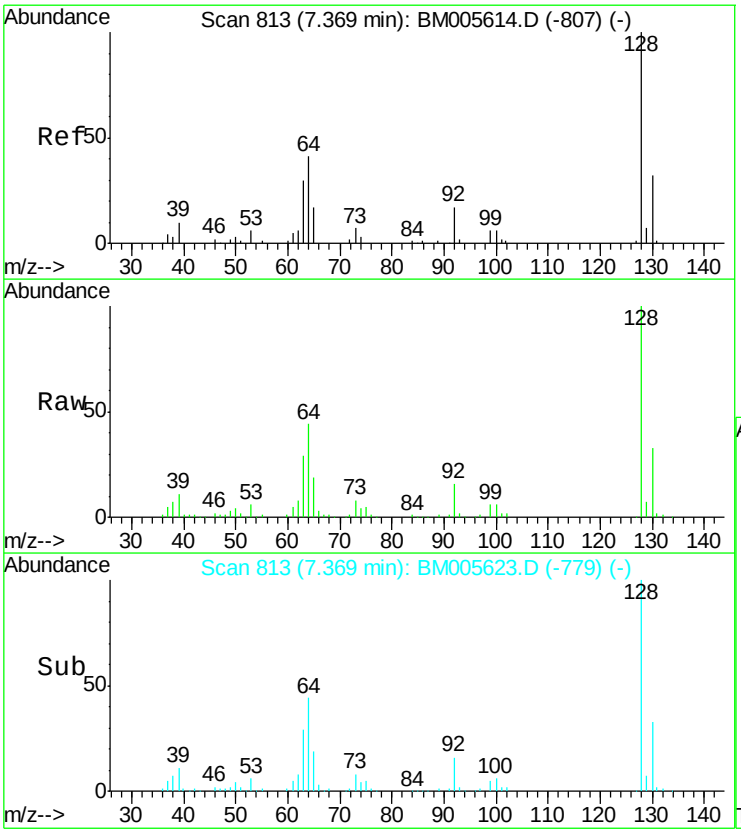
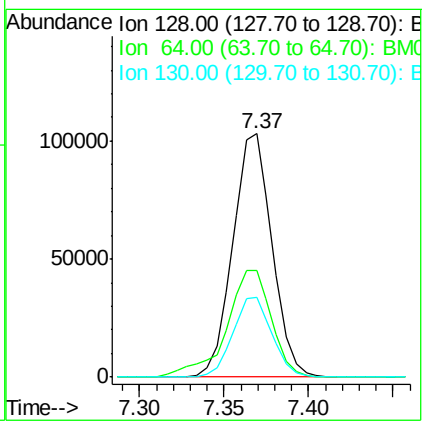
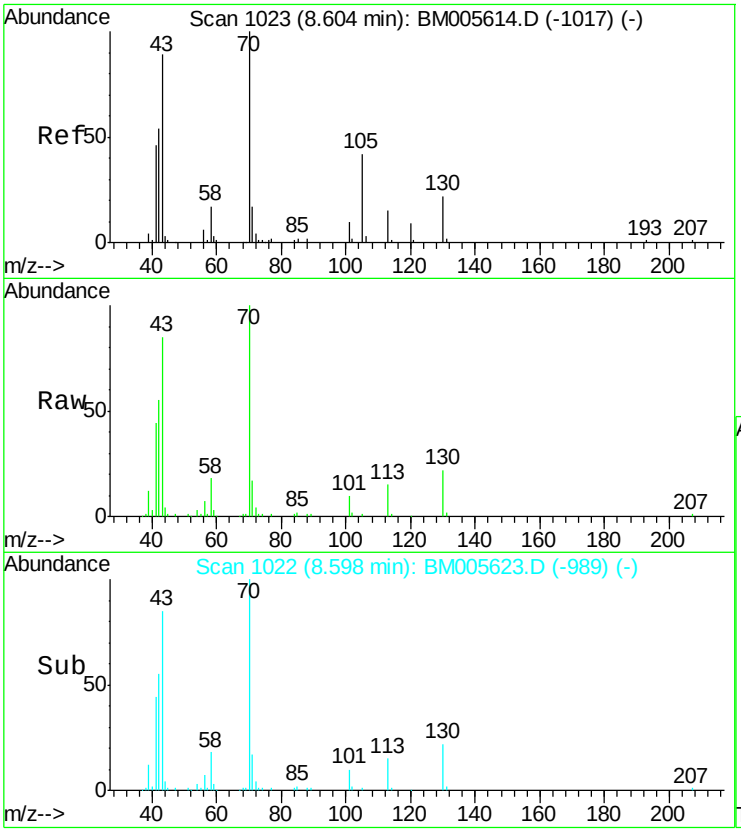


#10
2-Chlorophenol
Concen: 17.60 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:128 Resp: 166185

Ion	Ratio	Lower	Upper
128	100		
64	43.9	37.3	55.9
130	32.8	26.6	40.0

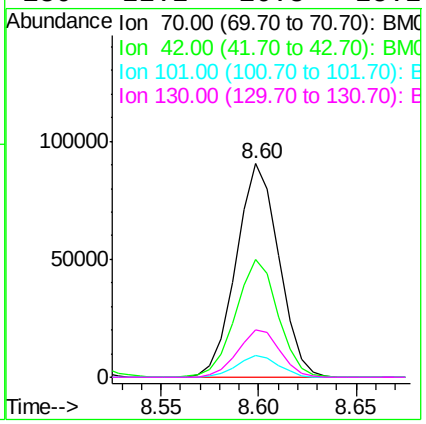




#15
N-Nitroso-di-n-propylamine
Concen: 18.73 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion: 70 Resp: 137650

Ion	Ratio	Lower	Upper
70	100		
42	55.0	46.1	69.1
101	10.3	8.0	12.0
130	22.2	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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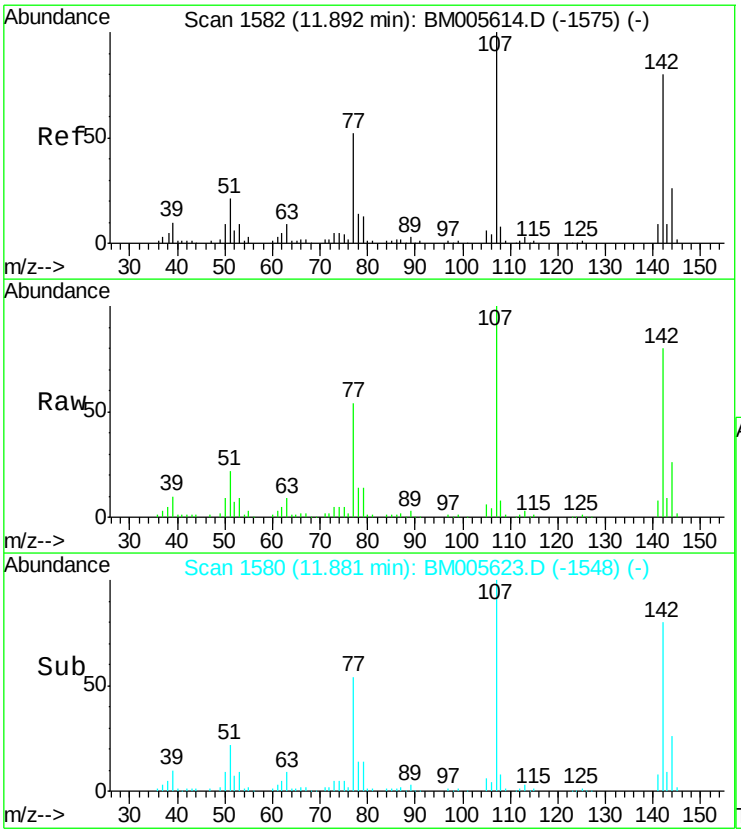
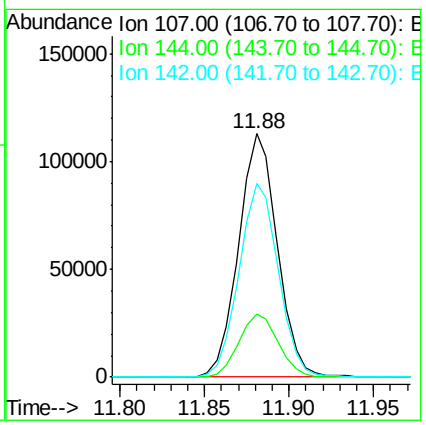
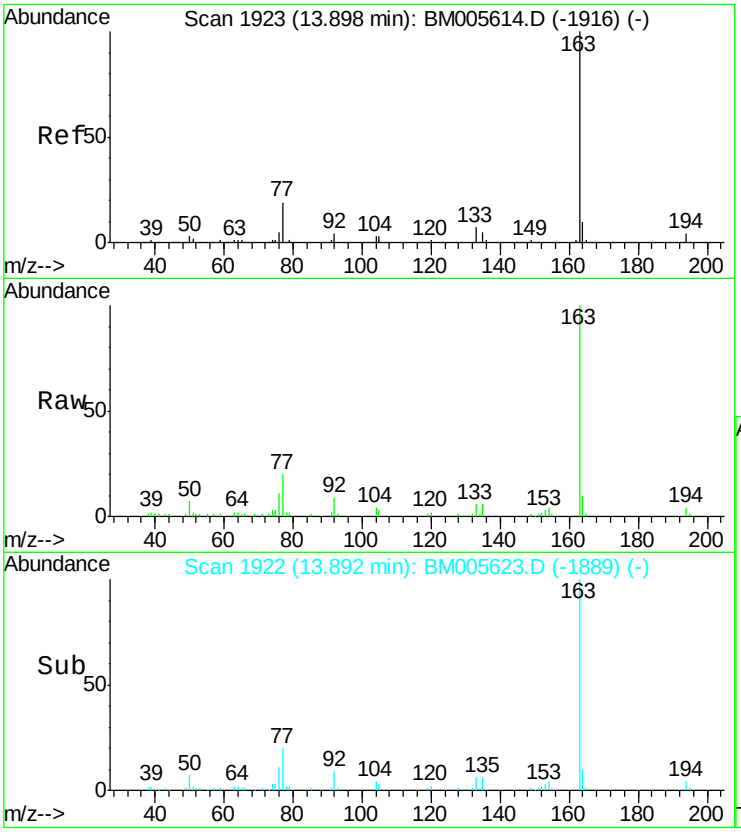


#33
4-Chloro-3-methylphenol
Concen: 17.30 ng/ul
RT: 11.88 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:107 Resp: 180062

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.6	31.0
142	79.7	63.5	95.3

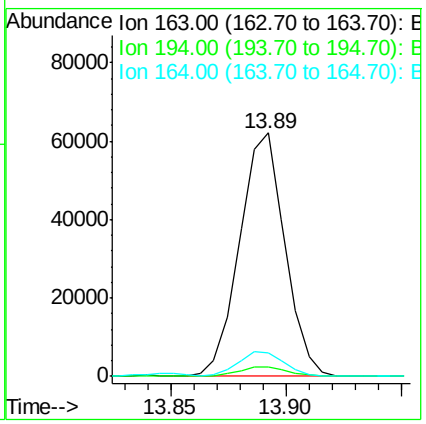




#44
Dimethylphthalate
Concen: 3.05 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:163 Resp: 84944

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.6	8.0	12.0



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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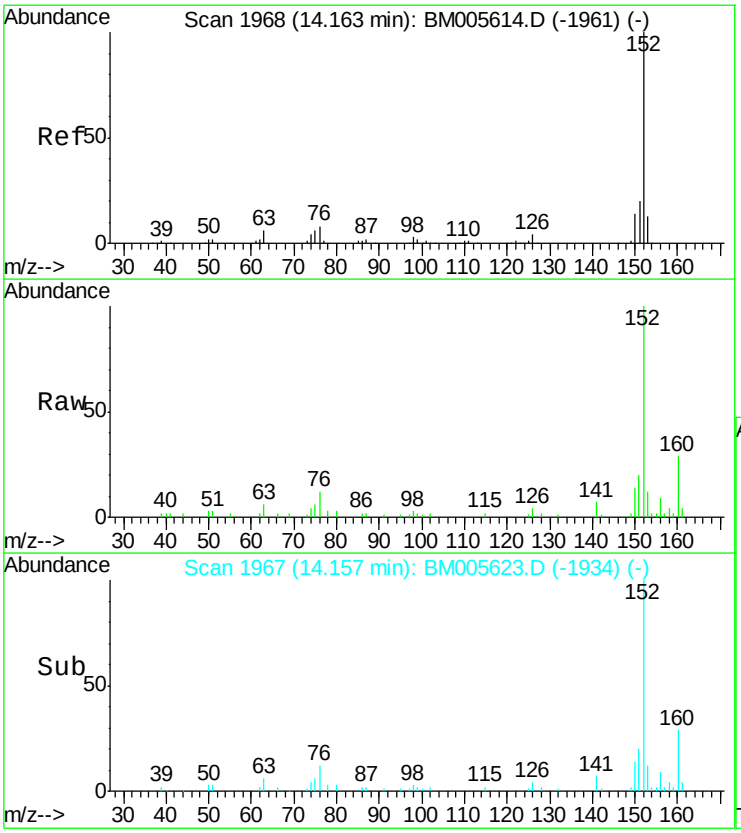
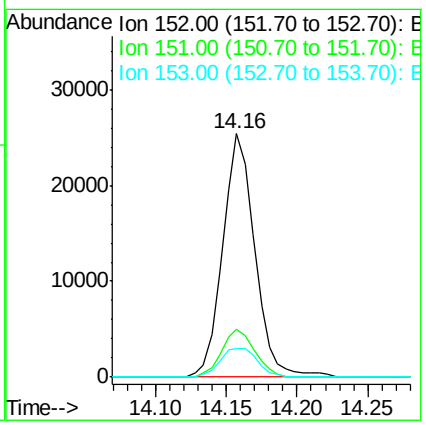
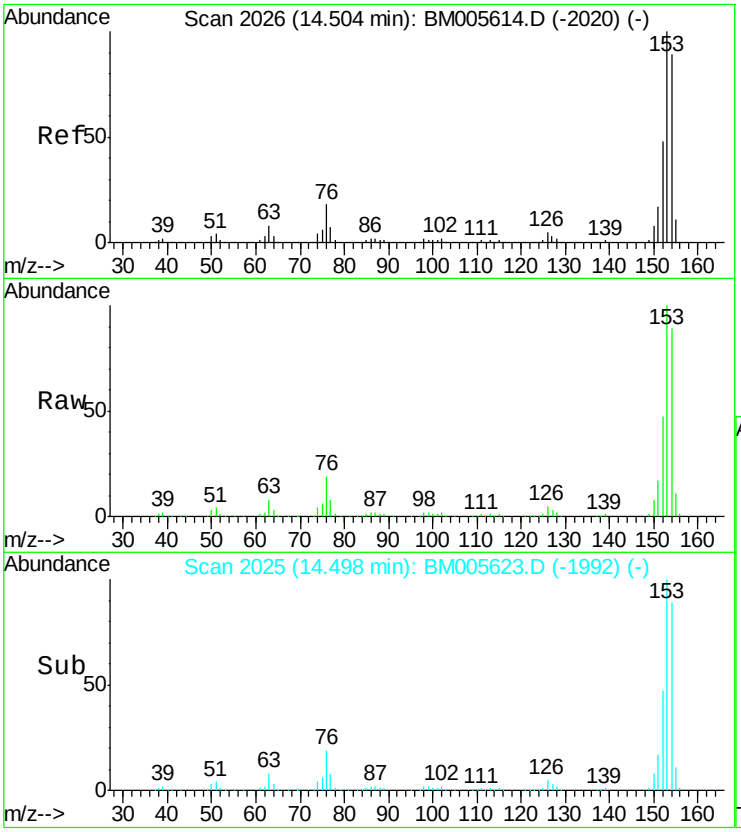


#47
Acenaphthylene
Concen: 1.13 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:152 Resp: 40255

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.0	10.5	15.7

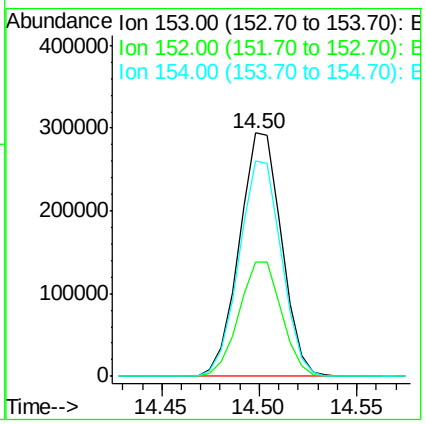




#49
Acenaphthene
Concen: 18.74 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:153 Resp: 442086

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.8	56.6
154	88.7	71.1	106.7



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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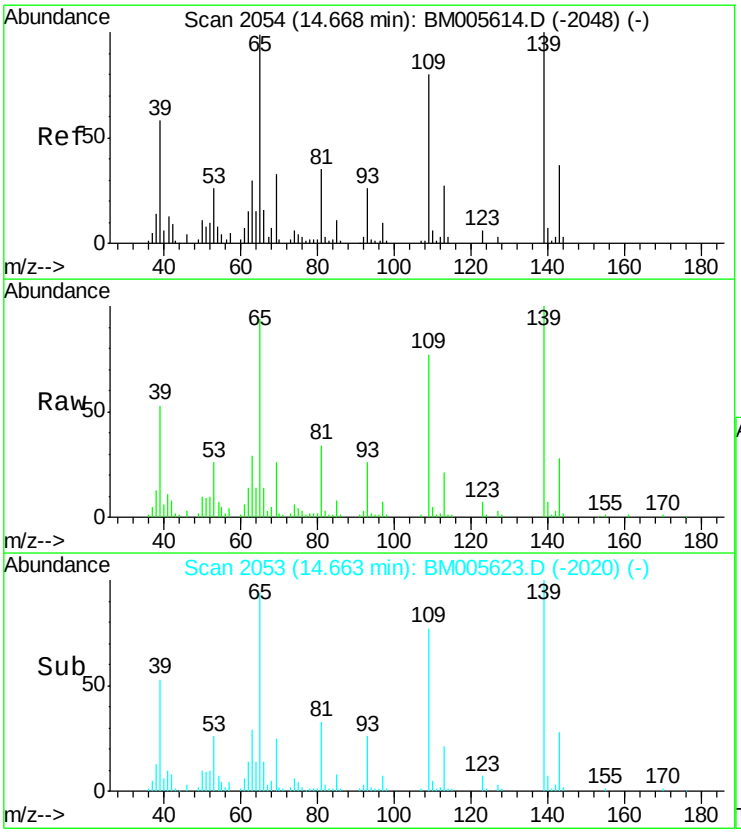
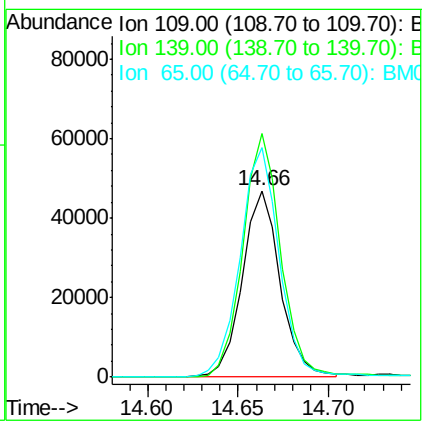
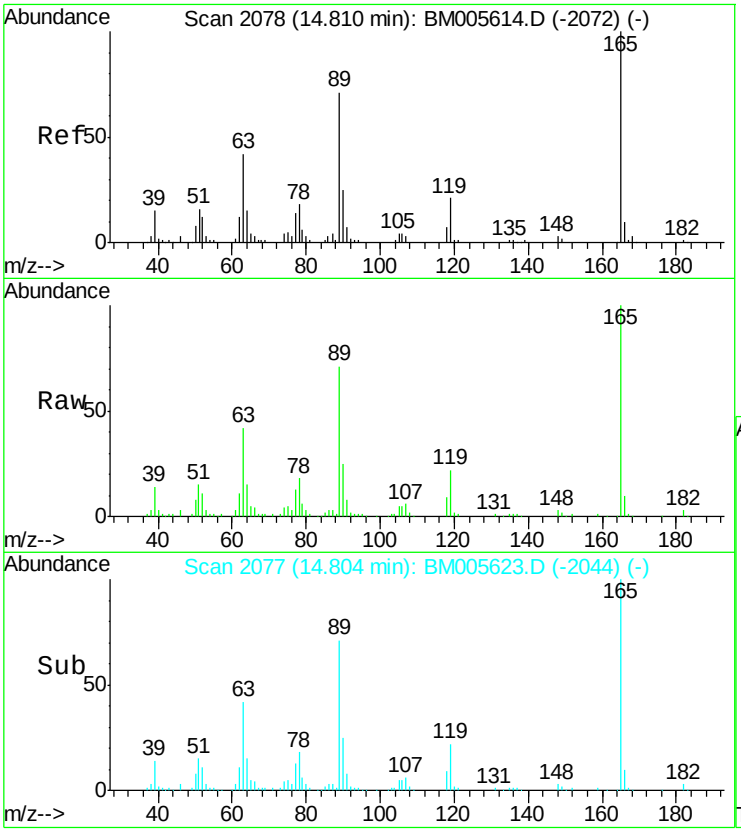


#52
4-Nitrophenol
Concen: 12.70 ng/ul
RT: 14.66 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:109 Resp: 67994

Ion	Ratio	Lower	Upper
109	100		
139	130.6	87.5	131.3
65	123.0	90.2	135.2

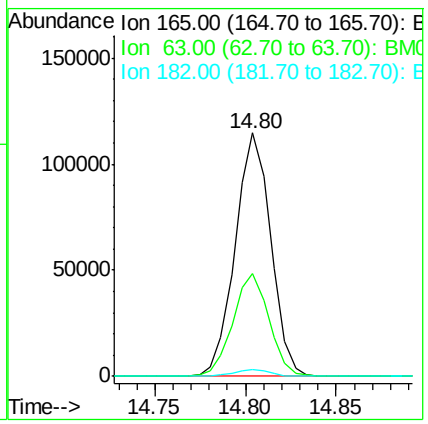




#54
2,4-Dinitrotoluene
Concen: 19.12 ng/ul
RT: 14.80 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:165 Resp: 156999

Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.9	50.9
182	2.8	2.3	3.5



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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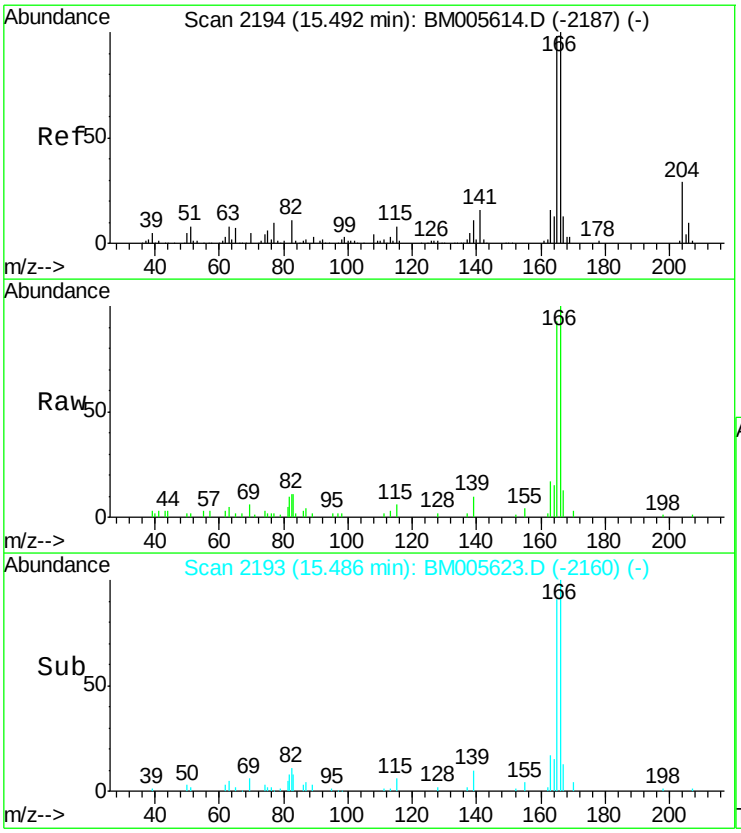
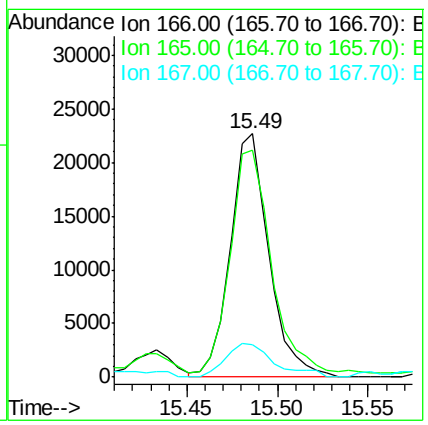
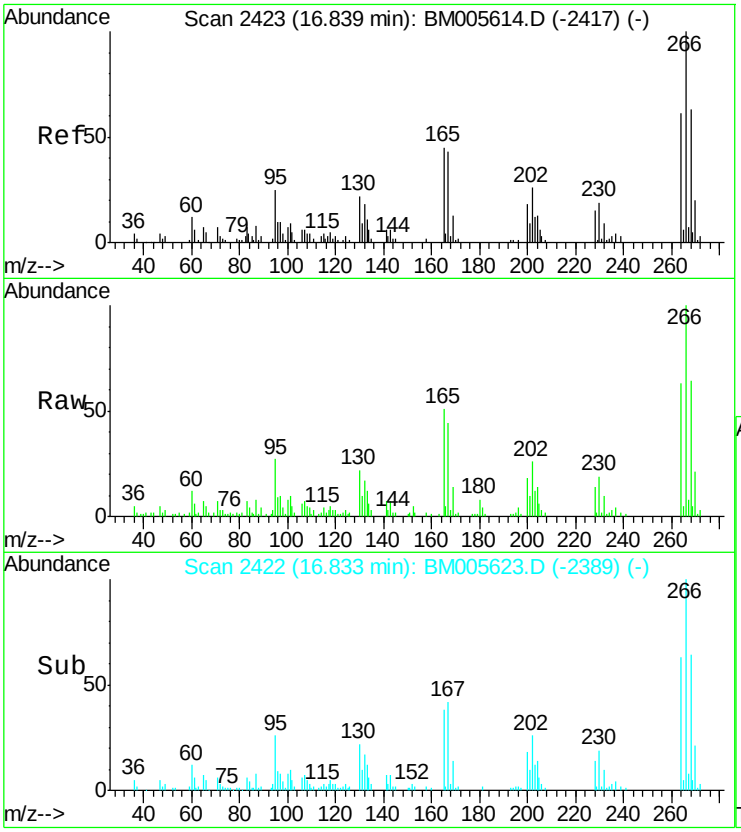


#58
Fluorene
Concen: 1.25 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:166 Resp: 33721

Ion	Ratio	Lower	Upper
166	100		
165	93.3	78.0	117.0
167	13.1	10.5	15.7

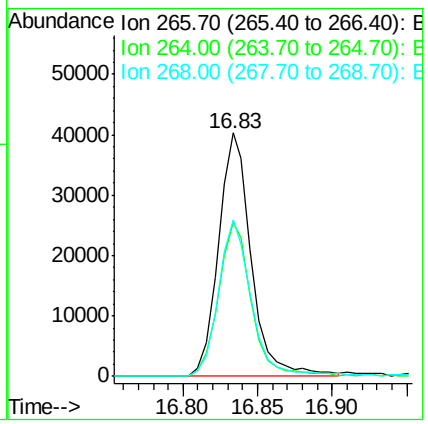




#68
Pentachlorophenol
Concen: 10.48 ng/ul
RT: 16.83 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:266 Resp: 61915

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.9	76.3
268	64.1	52.8	79.2



Instrument :
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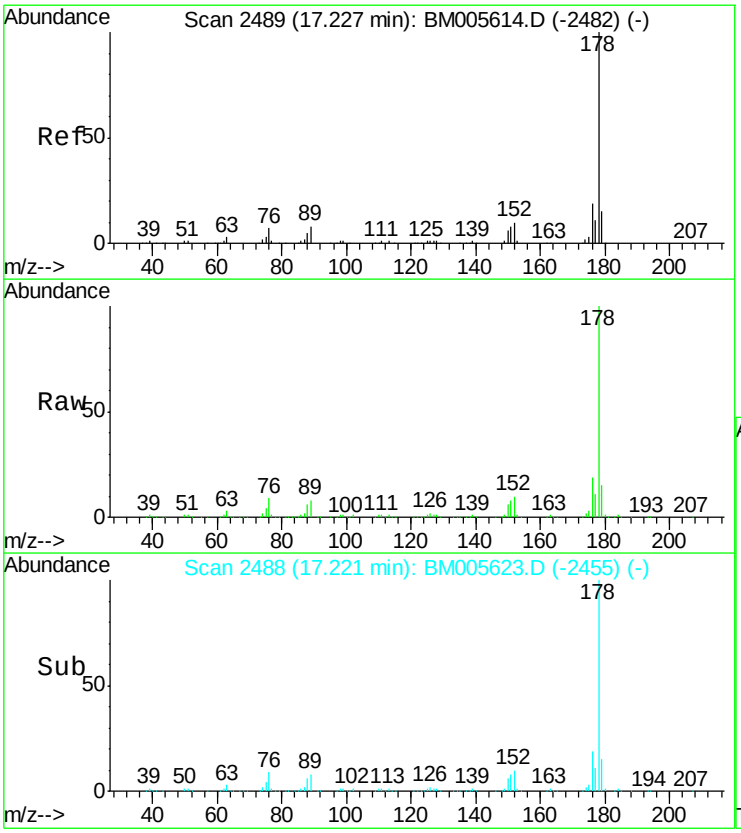
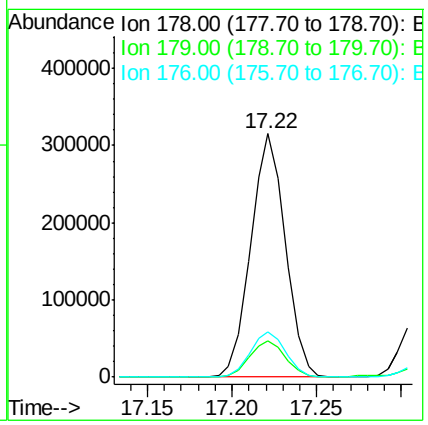
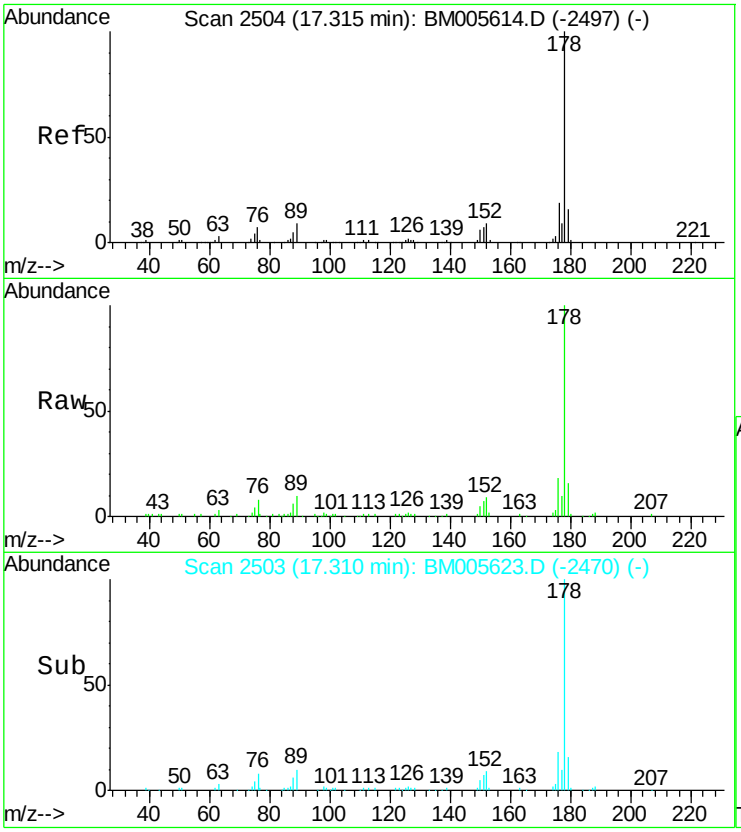


#69
Phenanthrene
Concen: 10.27 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:178 Resp: 445200

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.7	15.8	23.6

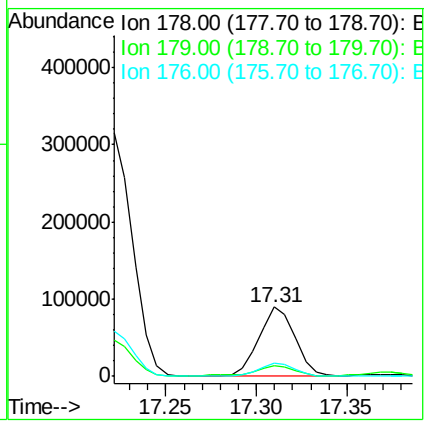




#71
Anthracene
Concen: 2.80 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:178 Resp: 123717

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.5	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

Manual Integrations APPROVED
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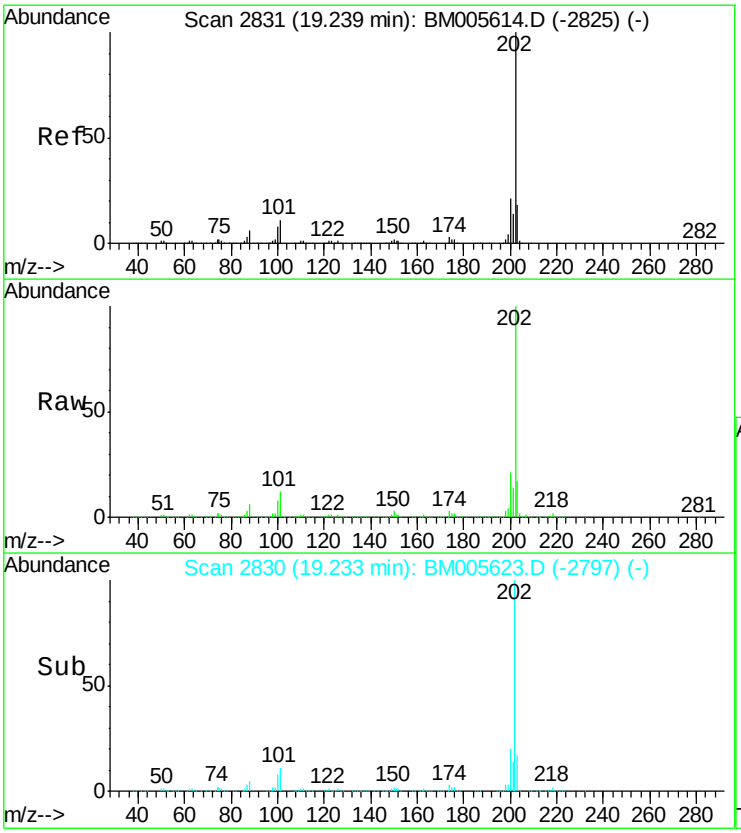
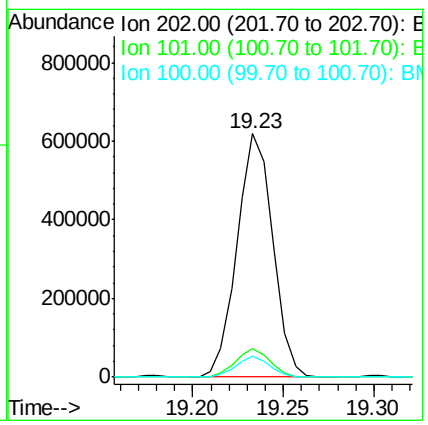
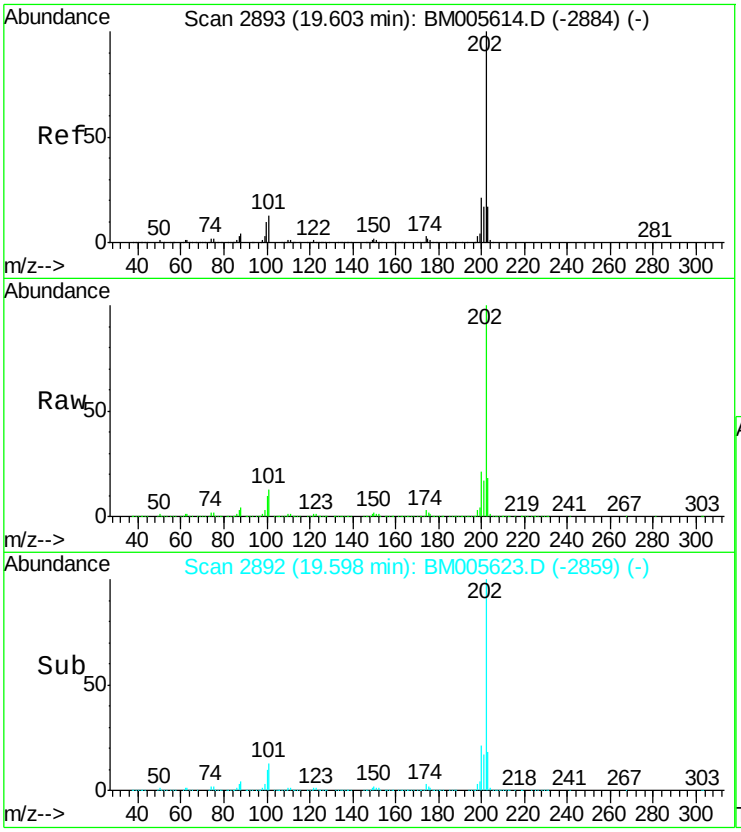


#74
Fluoranthene
Concen: 17.33 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:202 Resp: 845842

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.9	11.9
100	8.3	5.6	8.4

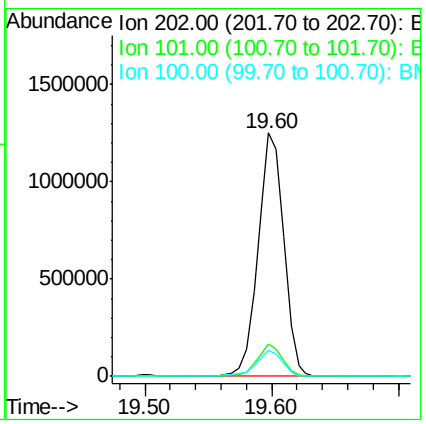




#77
Pyrene
Concen: 36.04 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:202 Resp: 1765990

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.6	14.4
100	10.5	7.8	11.6



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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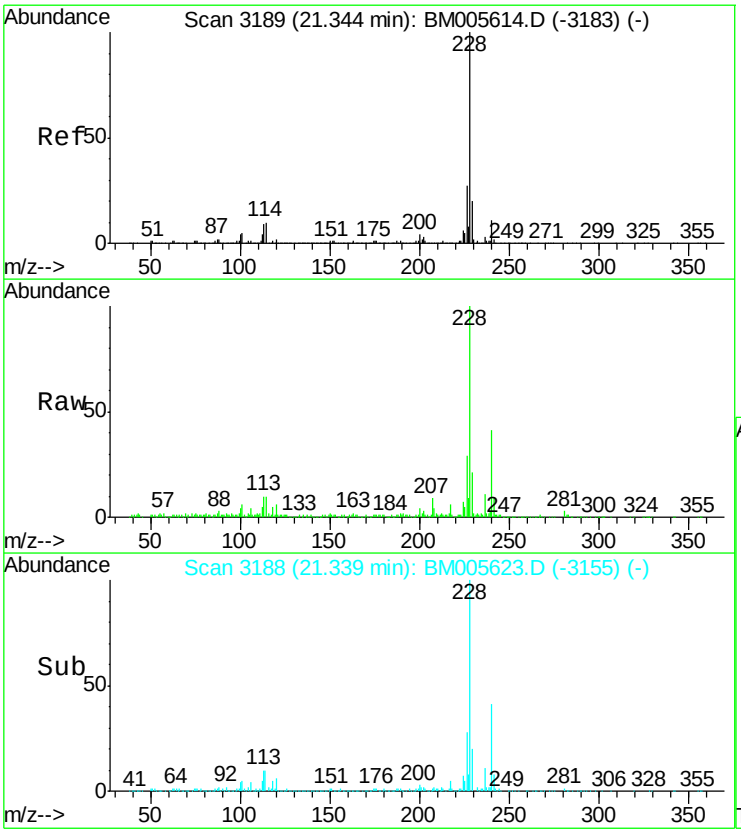
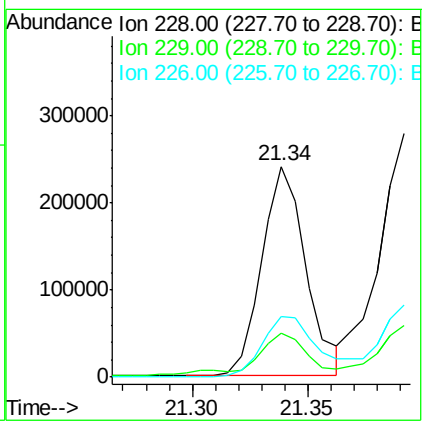
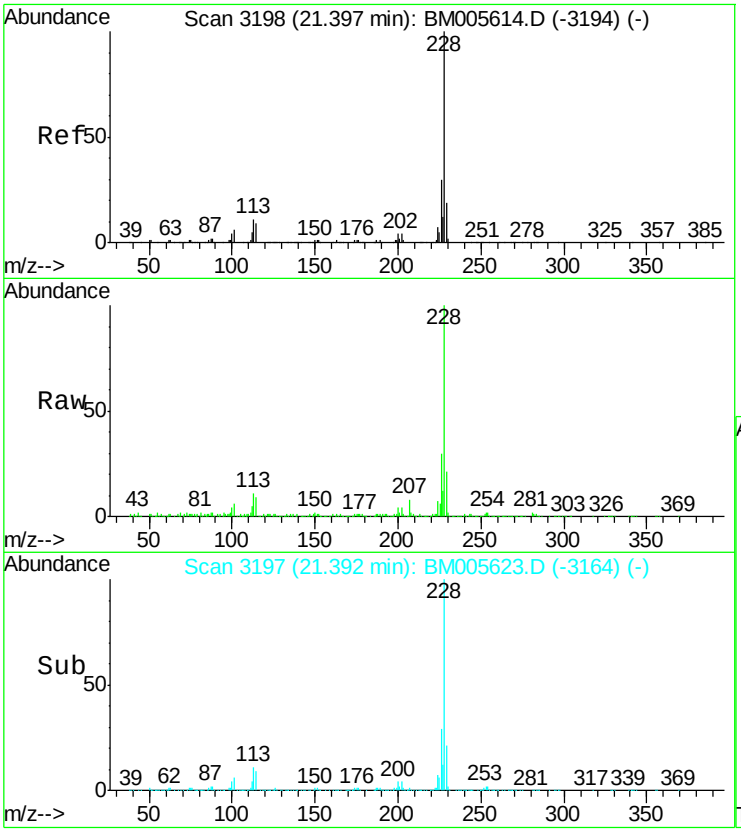


#80
Benzo(a)anthracene
Concen: 6.37 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:228 Resp: 319306

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.2
226	28.8	21.0	31.4

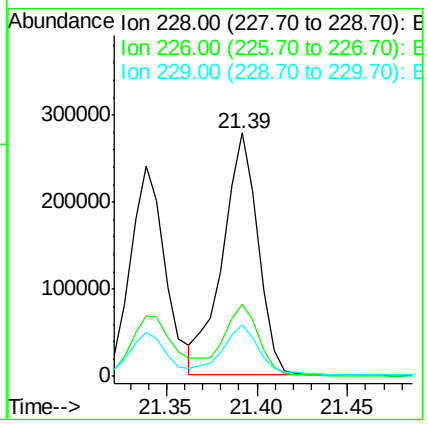




#82
Chrysene
Concen: 7.96 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:228 Resp: 379277

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	21.2	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
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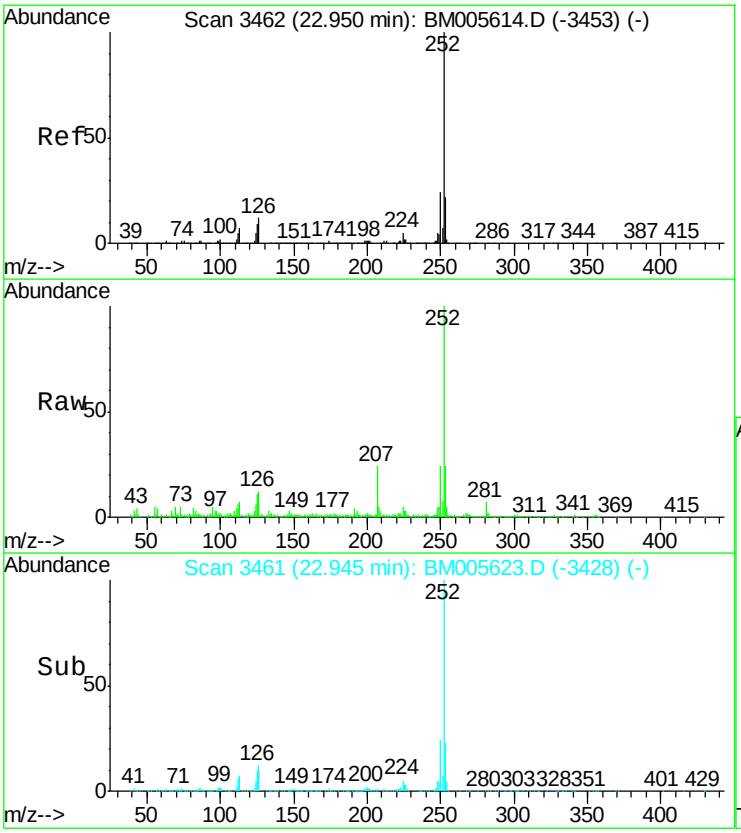
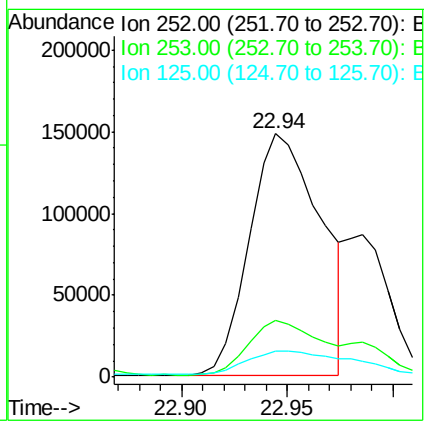
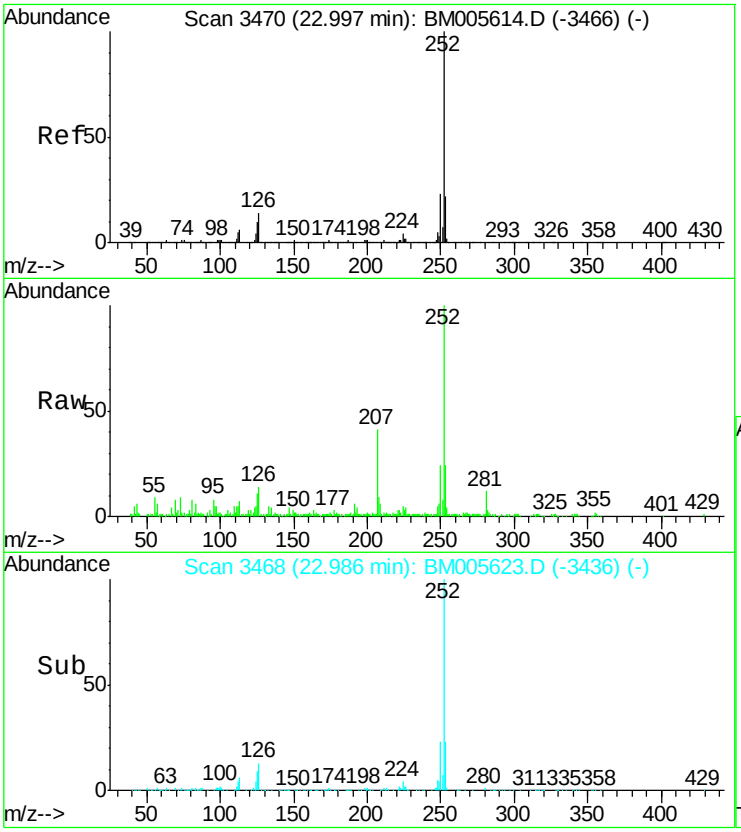


#85
Benzo(b)fluoranthene
Concen: 6.85 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:252 Resp: 347935

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	10.6	7.0	10.4#

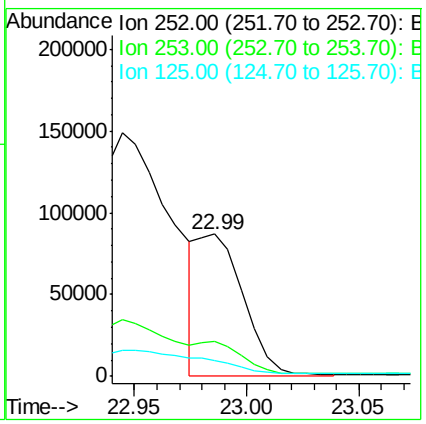




#86
Benzo(k)fluoranthene
Concen: 2.59 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:252 Resp: 124583

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	11.3	7.0	10.6#



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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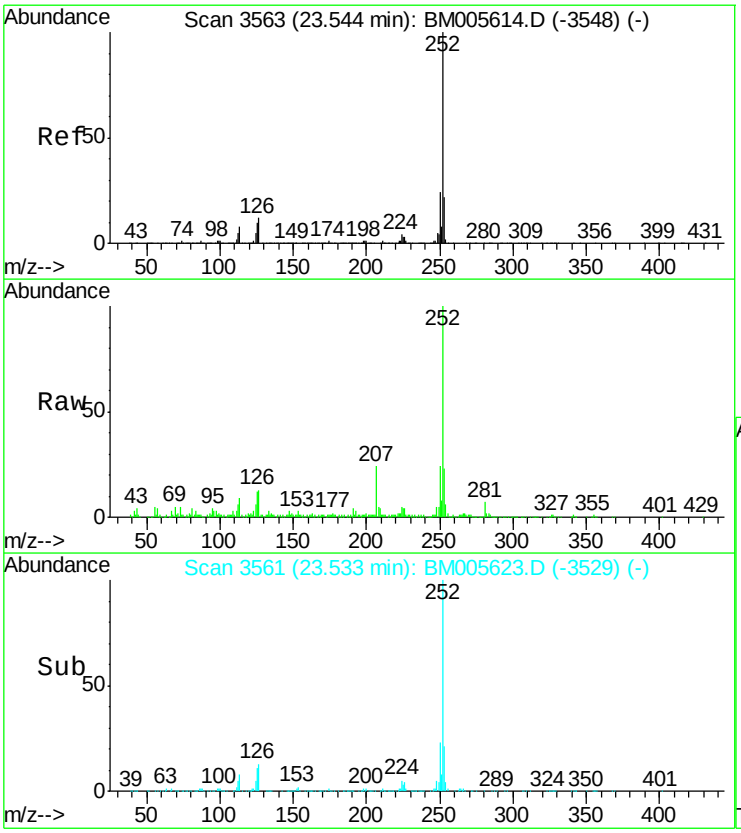
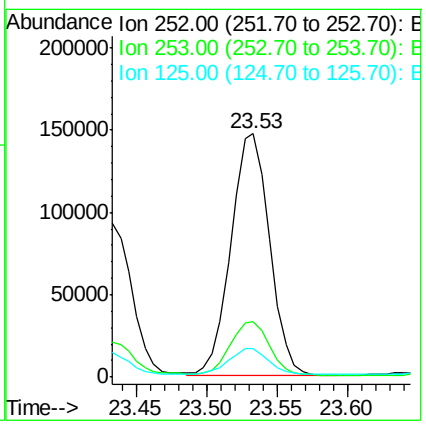
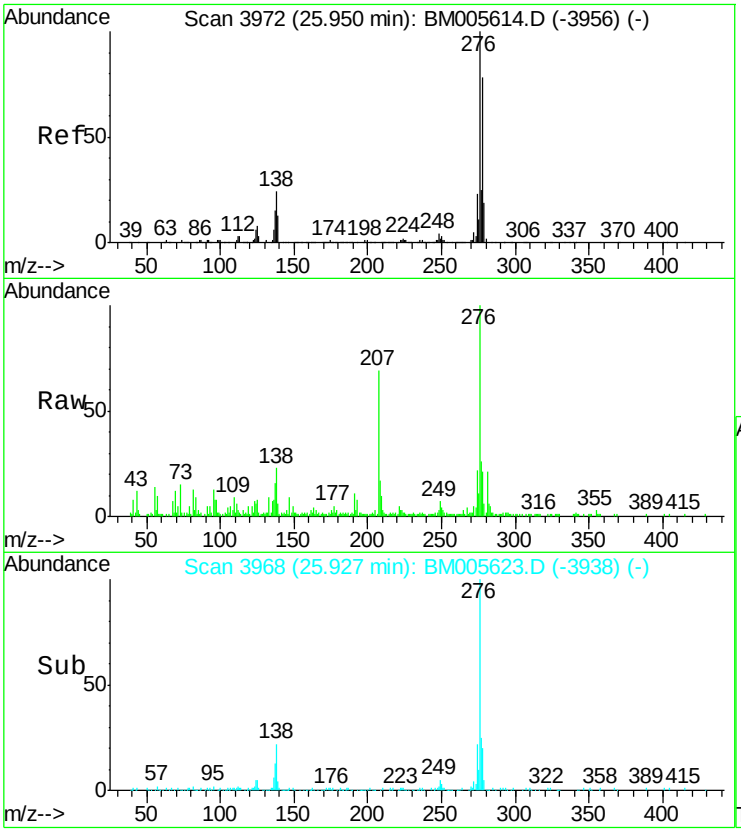


#88
Benzo(a)pyrene
Concen: 5.69 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:252 Resp: 280563

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.9	7.6	11.4#

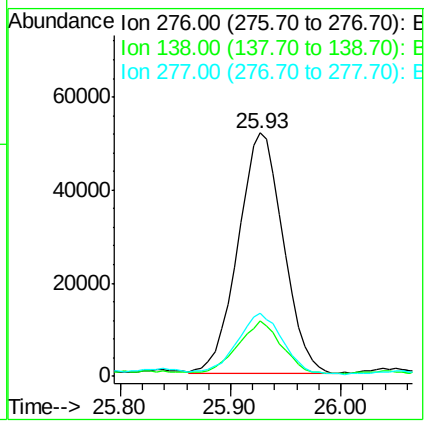




#89
Indeno(1,2,3-cd)pyrene
Concen: 2.53 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:276 Resp: 147867

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.9	25.3
277	26.1	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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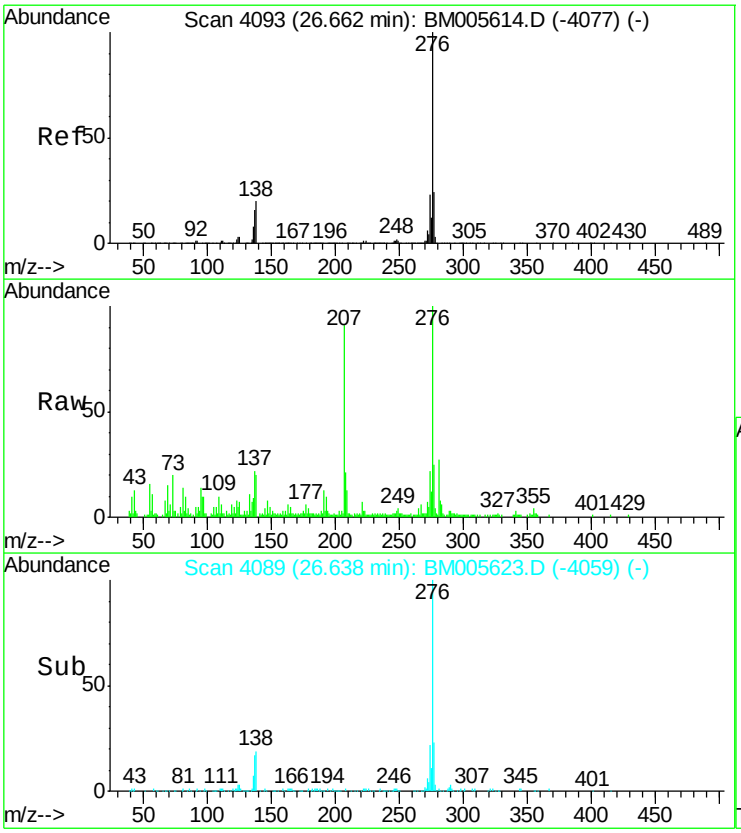

#91
Benzo(g,h,i)perylene
Concen: 2.58 ng/ul
RT: 26.64 min Scan# 4089
Delta R.T. -0.02 min
Lab File: BM005623.D
Acq: 23 May 2016 23:35

Tgt Ion:276 Resp: 126847

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.0	22.6
277	24.6	18.6	28.0