Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092016.D
Acq On : 22 Jul 2016 21:24
Operator : UM/SJ
Sample : H4120-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

Manual Integrations
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Quant Time: Jul 23 02:01:42 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23903	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	117501	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	76488	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	164849	5.00	ng		0.00
31) Chrysene-d12	21.76	240	254644	5.00	ng		0.00
40) Perylene-d12	24.16	264	190095	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	27377	5.91	ng		0.00
5) Phenol-d6	7.35	99	26618	3.30	ng		-0.02
9) Nitrobenzene-d5	9.37	82	32764	4.63	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	18717	7.07	ng		0.00
17) 2-Fluorobiphenyl	13.47	172	75193	3.74	ng		-0.01
34) Terphenyl-d14	20.20	244	127704	4.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	6709	2.08	ng	#	77
3) n-Nitrosodimethylamine	3.80	42	11453	2.65	ng	#	84
6) bis(2-Chloroethyl)ether	7.61	93	29049	4.23	ng		95
7) n-Nitroso-di-n-propylamine	9.00	70	26672	4.55	ng	#	98
10) Nitrobenzene	9.40	77	36208	3.81	ng	#	98
11) bis(2-Chloroethoxy)methane	10.40	93	42189	4.77	ng	#	17
12) Naphthalene	11.04	128	98649	3.70	ng		98
13) Hexachlorobutadiene	11.34	225	11715	3.07	ng		98
14) 2-Methylnaphthalene	12.66	142	66253	3.96	ng		99
18) Acenaphthylene	14.56	152	494434	4.20	ng	#	72
19) 2,6-Dinitrotoluene	14.44	165	93000	4.22	ng	#	10
20) Acenaphthene	14.92	154	78891	3.96	ng	#	1
21) 2,4-Dinitrotoluene	15.22	165	134760	4.35	ng	#	1
22) Fluorene	15.90	166	99175	4.17	ng		98
23) 4-Chlorophenyl-phenylether	15.90	204	43874	3.71	ng		97
25) 4-Bromophenyl-phenylether	16.78	248	27968	4.07	ng		96
26) Hexachlorobenzene	16.90	284	27519	3.89	ng		99
27) Pentachlorophenol	17.25	266	30971	7.82	ng		92
28) Phenanthrene	17.63	178	174182	4.09	ng		100
29) Anthracene	17.72	178	168415	4.36	ng		100
30) Fluoranthene	19.63	202	828035	4.86	ng	#	67
32) Benzidine	19.90	184	89	0.19	ng	#	1
33) Pyrene	19.99	202	943229	5.11	ng	#	81
35) Benzo(a)anthracene	21.73	228	296017m	5.16	ng		
36) 3,3'-Dichlorobenzidine	21.67	252	25194	2.25	ng	#	74
37) Chrysene	21.78	228	297252m	4.25	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	529967	10.56	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.67	276	923729	4.81	ng		98
41) Benzo(b)fluoranthene	23.42	252	235340	4.72	ng		97
42) Benzo(k)fluoranthene	23.47	252	210167	4.14	ng		96
43) Benzo(a)pyrene	24.05	252	204859	4.41	ng		96
44) Dibenzo(a,h)anthracene	26.70	278	191480	4.62	ng		97
45) Benzo(g,h,i)perylene	27.45	276	774042	4.56	ng		98

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Sample : H4120-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 23 02:01:42 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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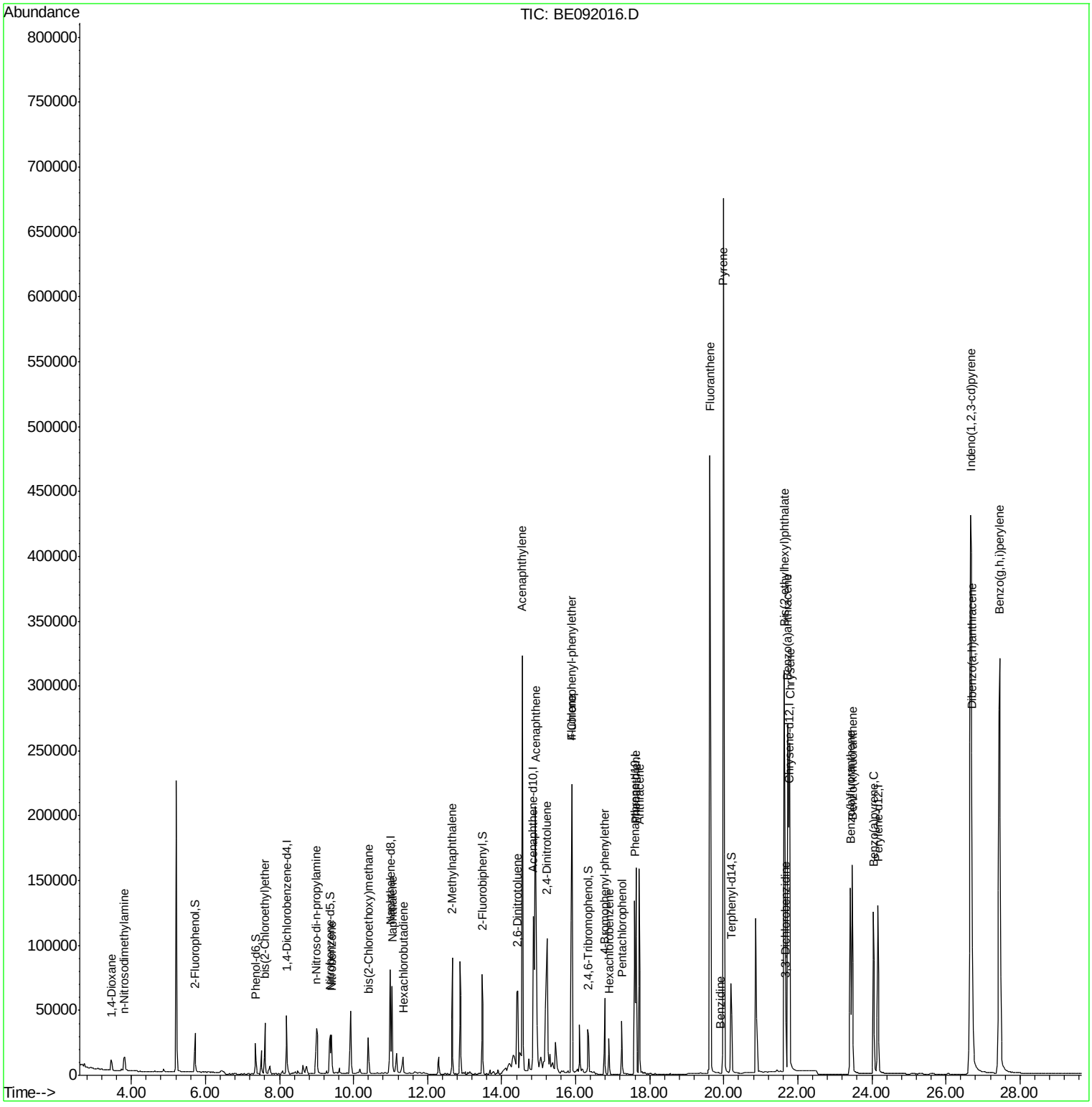
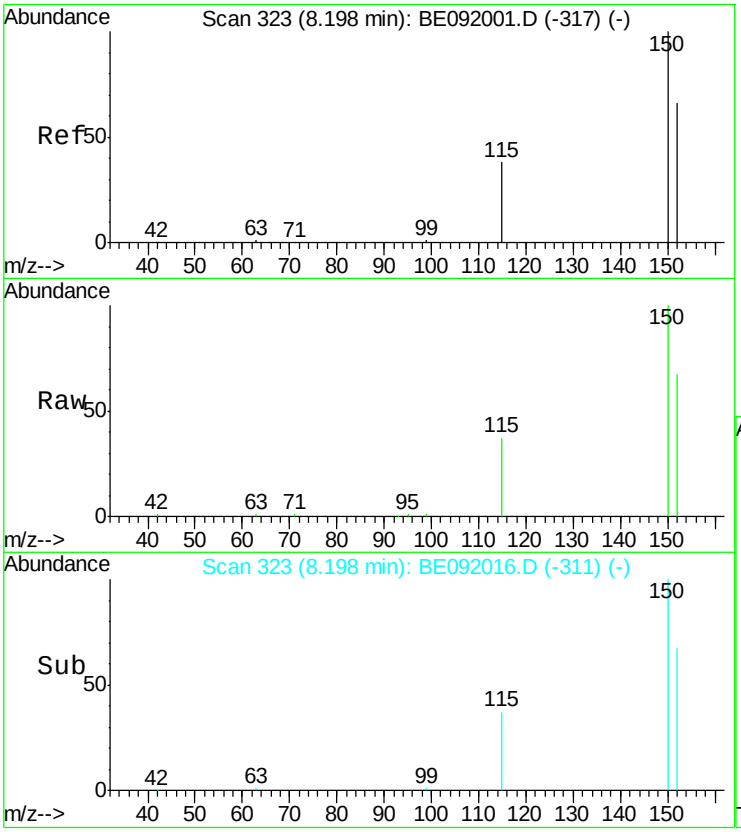
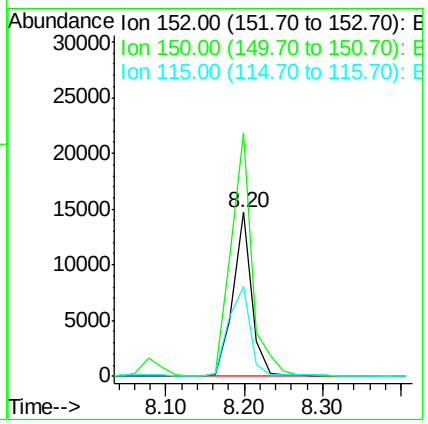




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:152 Resp: 23903

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.9	185.9
115	55.0	48.3	72.5



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

Manual Integrations
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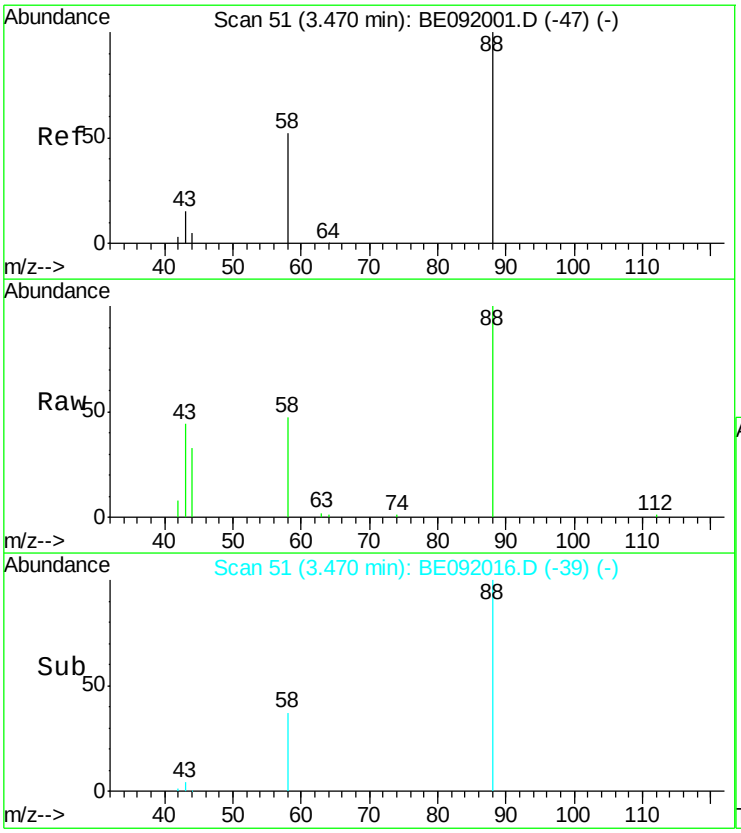
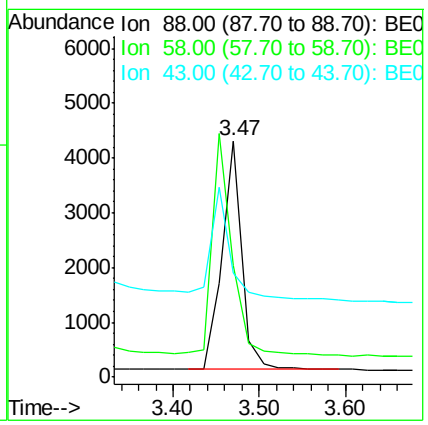
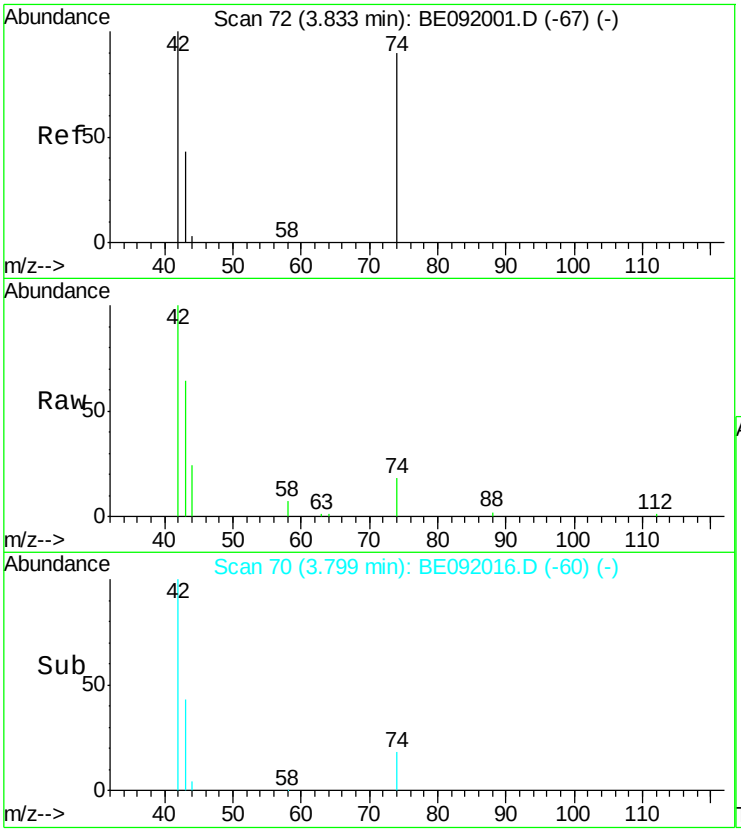


#2
1,4-Dioxane
Concen: 2.08 ng
RT: 3.47 min Scan# 51
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 88 Resp: 6709

Ion	Ratio	Lower	Upper
88	100		
58	97.8	63.0	94.4#
43	50.7	29.1	43.7#





#3
n-Nitrosodimethylamine
Concen: 2.65 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 42 Resp: 11453

Ion	Ratio	Lower	Upper
42	100		
74	98.7	93.4	140.0
44	8.7	5.0	7.6#

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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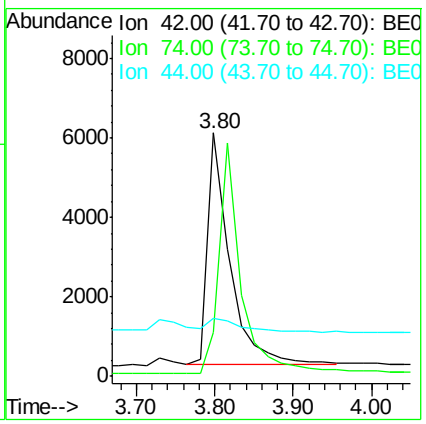
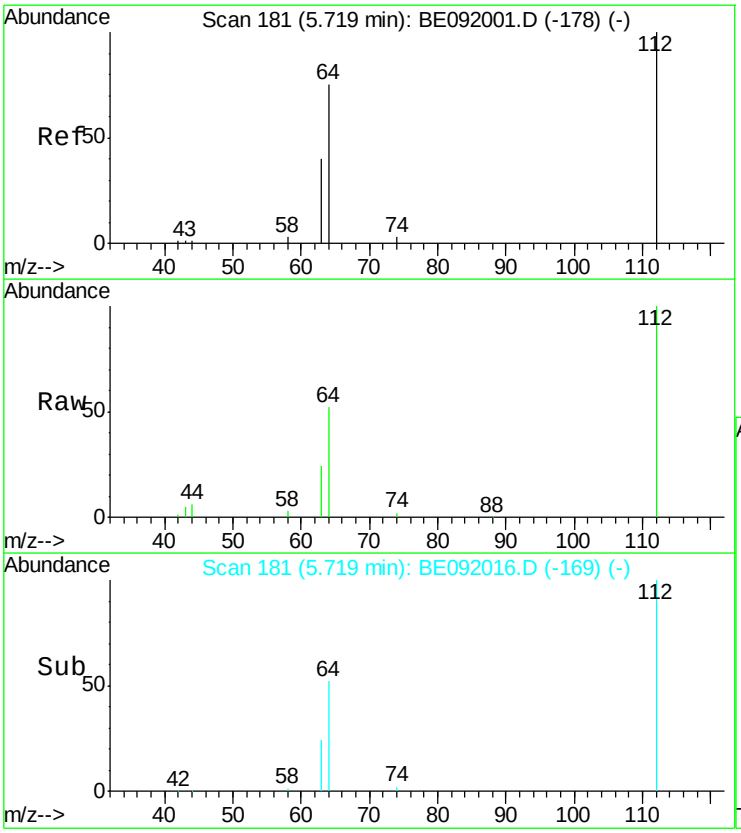
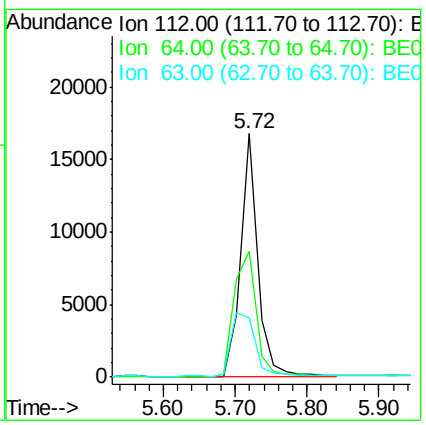


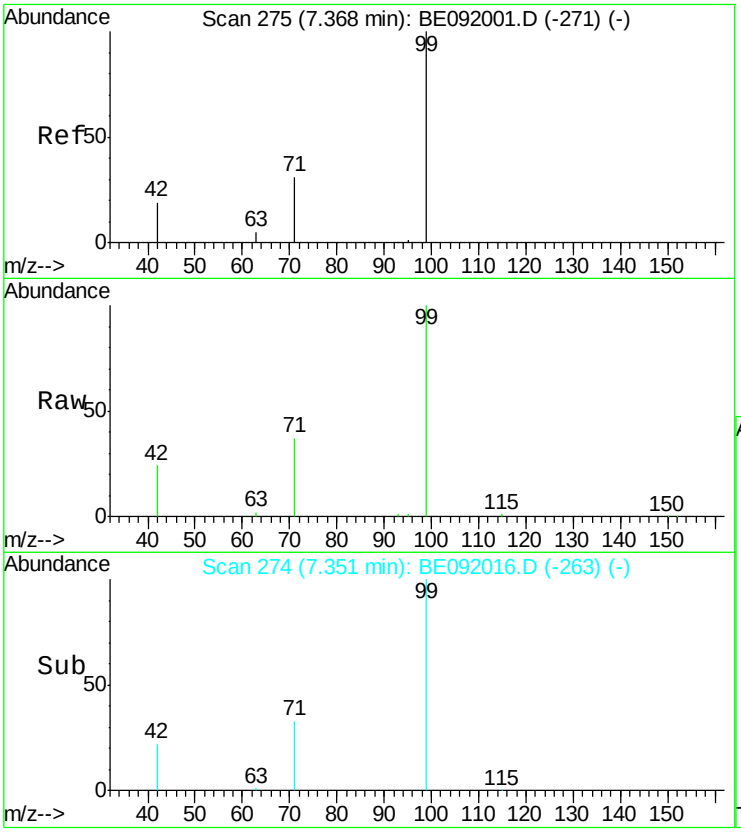


#4
2-Fluorophenol
Concen: 5.91 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:112 Resp: 27377

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.7	80.5
63	36.4	29.5	44.3

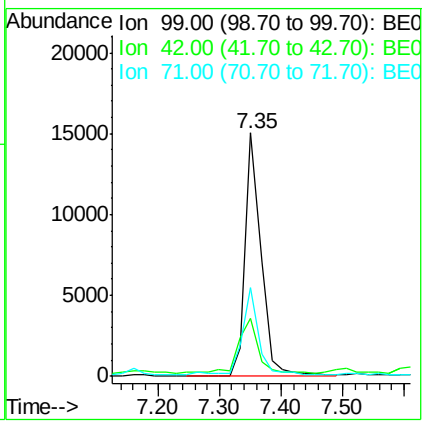




#5
Phenol-d6
Concen: 3.30 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 99 Resp: 26618

Ion	Ratio	Lower	Upper
99	100		
42	27.0	19.6	29.4
71	36.5	28.1	42.1



Instrument :
BNA_E
ClientSampleId :
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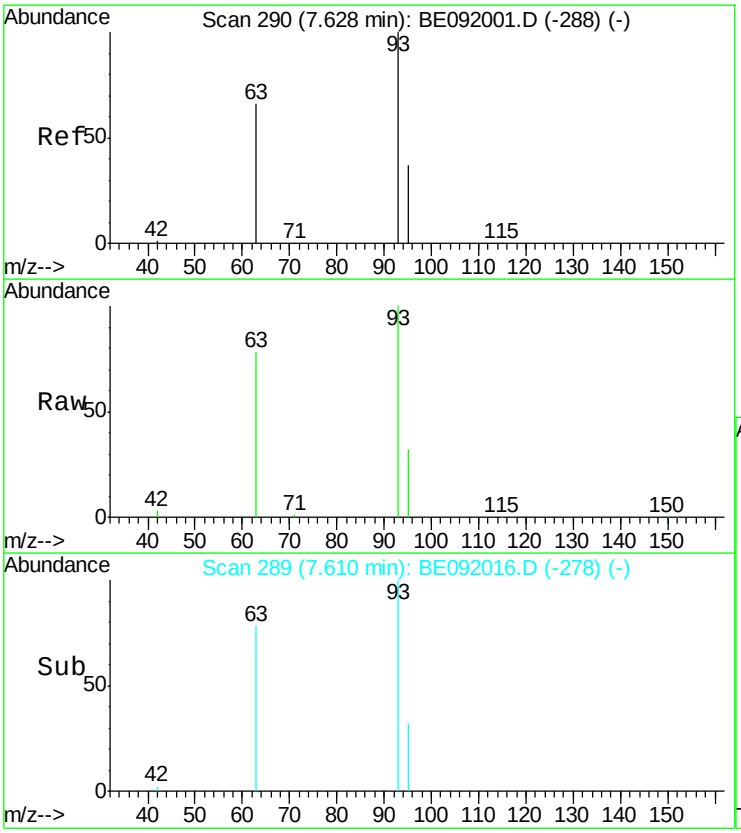
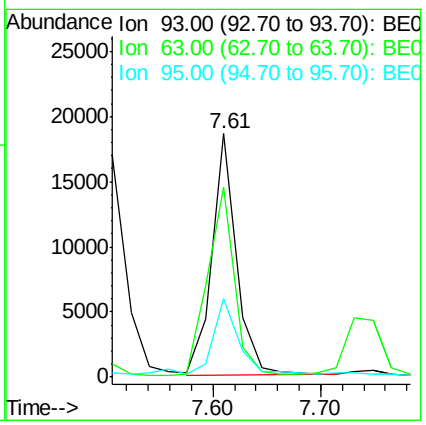
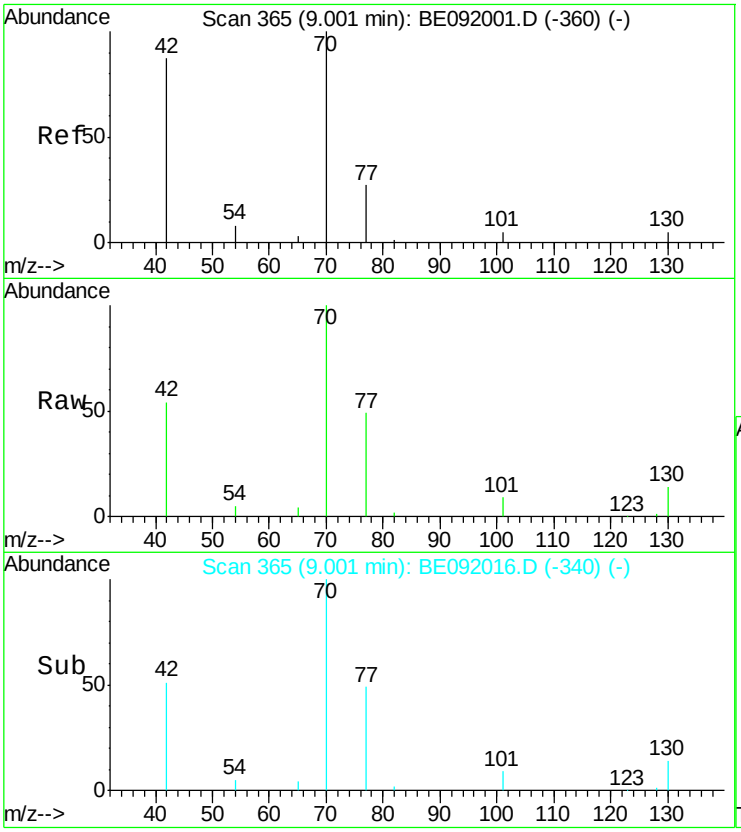


#6
bis(2-Chloroethyl)ether
Concen: 4.23 ng
RT: 7.61 min Scan# 289
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 93 Resp: 29049

Ion	Ratio	Lower	Upper
93	100		
63	86.5	66.2	99.4
95	35.9	25.5	38.3

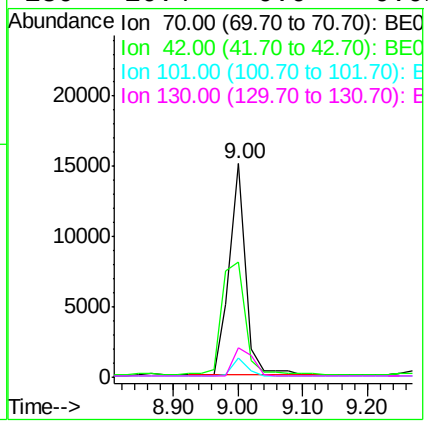




#7
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 9.00 min Scan# 365
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 70 Resp: 26672

Ion	Ratio	Lower	Upper
70	100		
42	74.9	58.4	87.6
101	8.3	6.4	9.6
130	16.4	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
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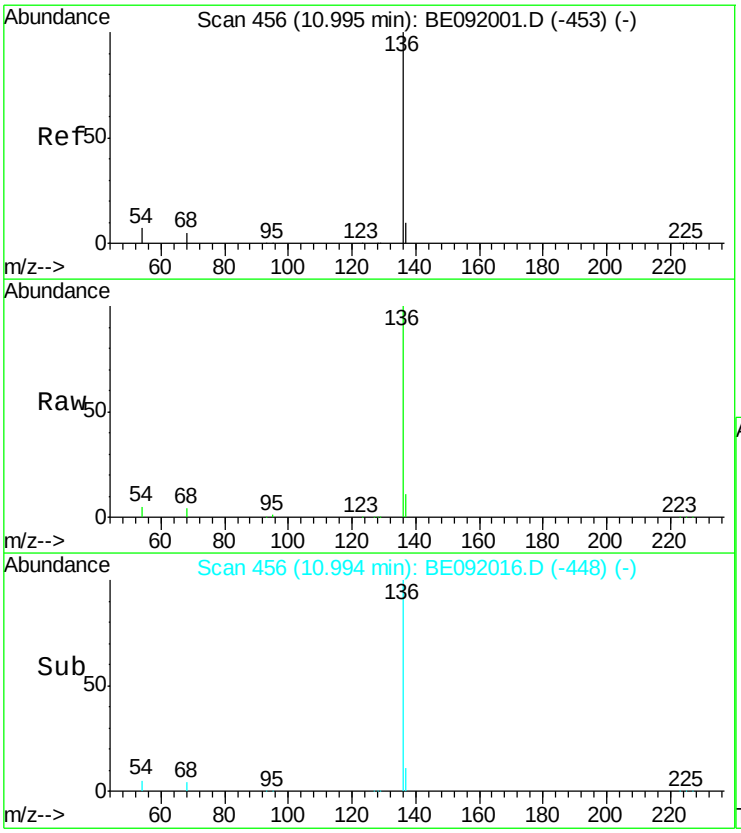
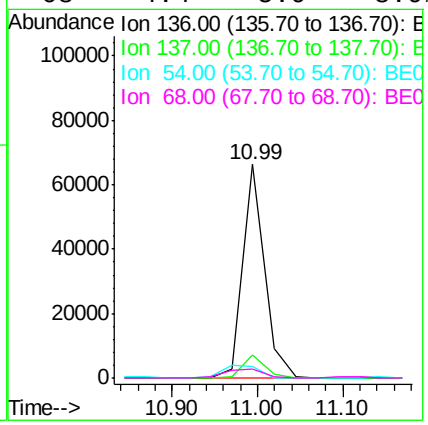
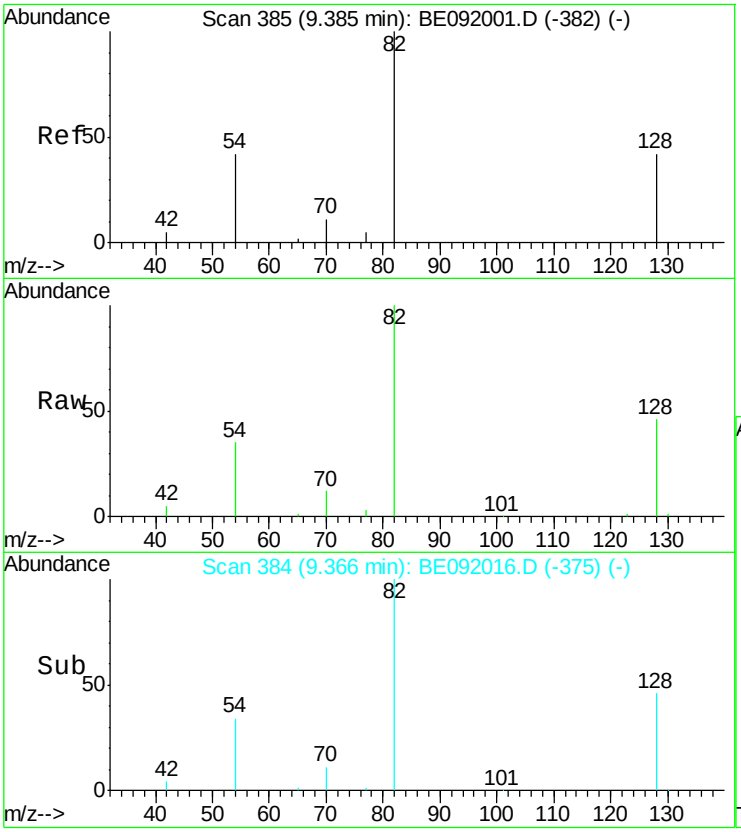


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:136 Resp: 117501

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	5.4	8.2	12.4#
68	4.4	5.9	8.9#

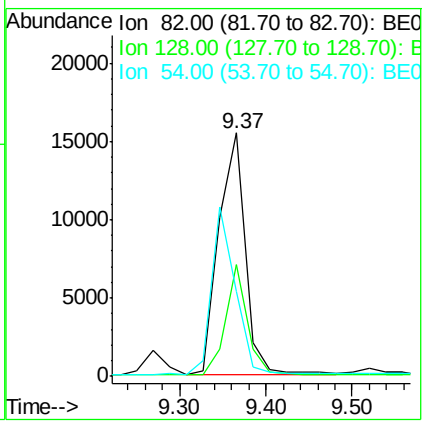




#9
Nitrobenzene-d5
Concen: 4.63 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 82 Resp: 32764

Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.5	59.3
54	34.7	30.3	45.5



Instrument :
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ClientSampleId :
GW-05-5.0-16.0MS

Manual Integrations
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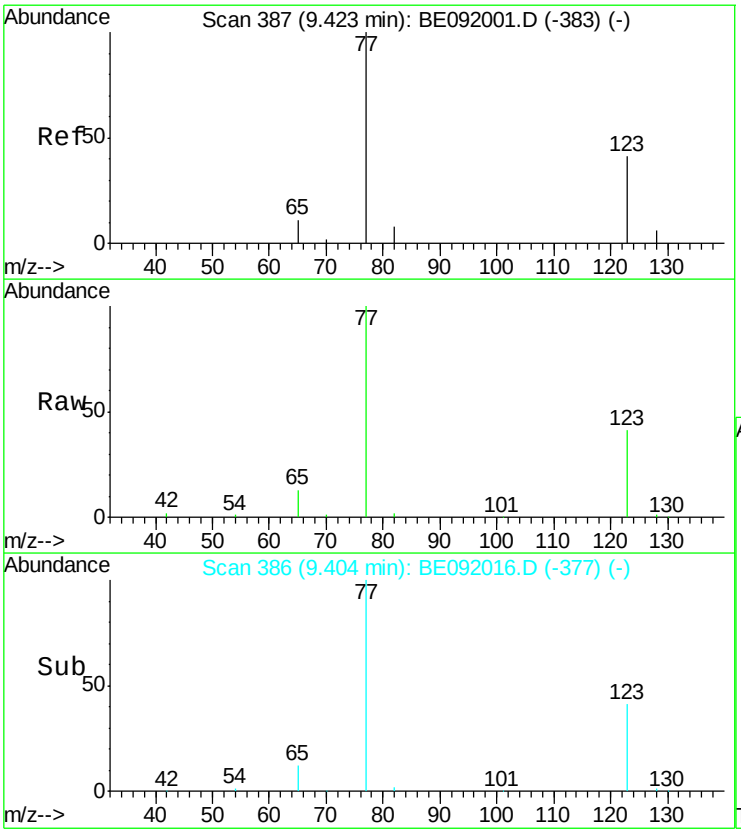
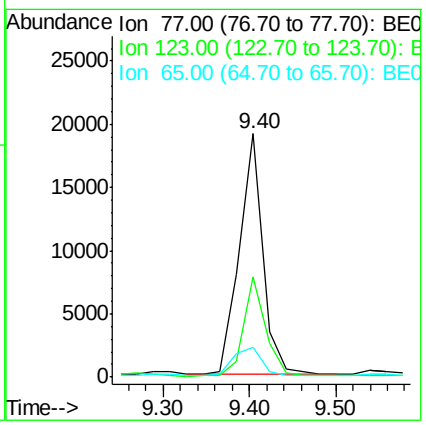
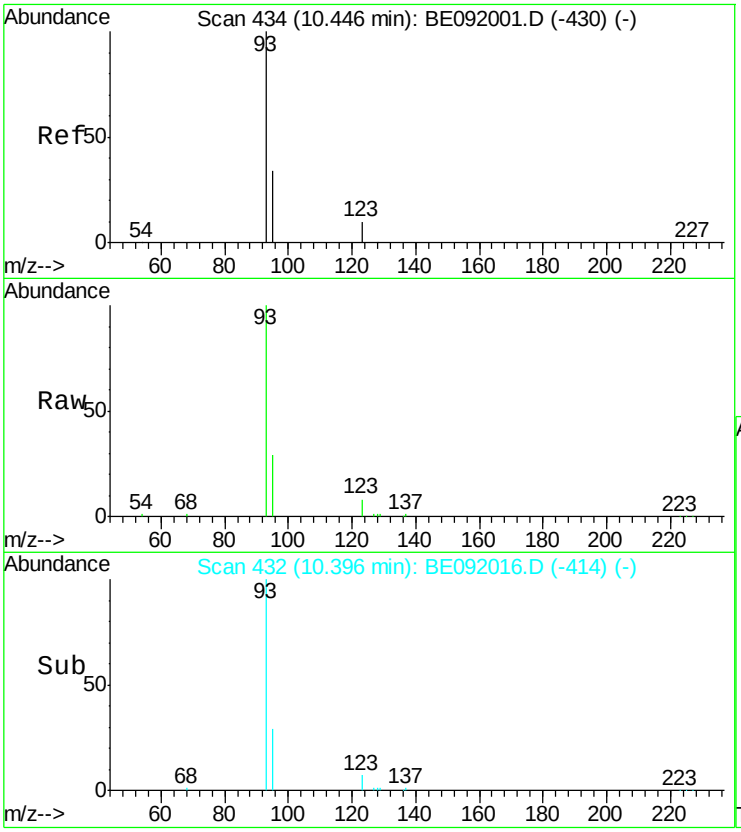


#10
Nitrobenzene
Concen: 3.81 ng
RT: 9.40 min Scan# 386
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion: 77 Resp: 36208

Ion	Ratio	Lower	Upper
77	100		
123	38.9	0.0	0.0#
65	14.6	11.1	16.7





#11
bis(2-Chloroethoxy)methane
Concen: 4.77 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Instrument :
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ClientSampleId :
GW-05-5.0-16.0MS

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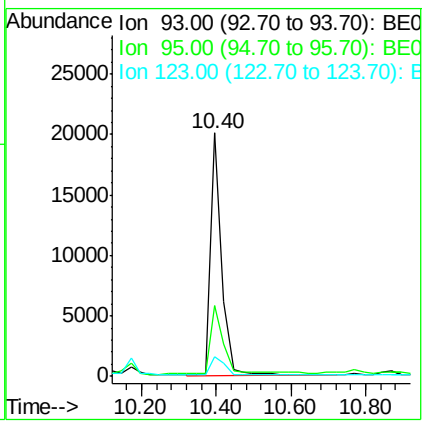
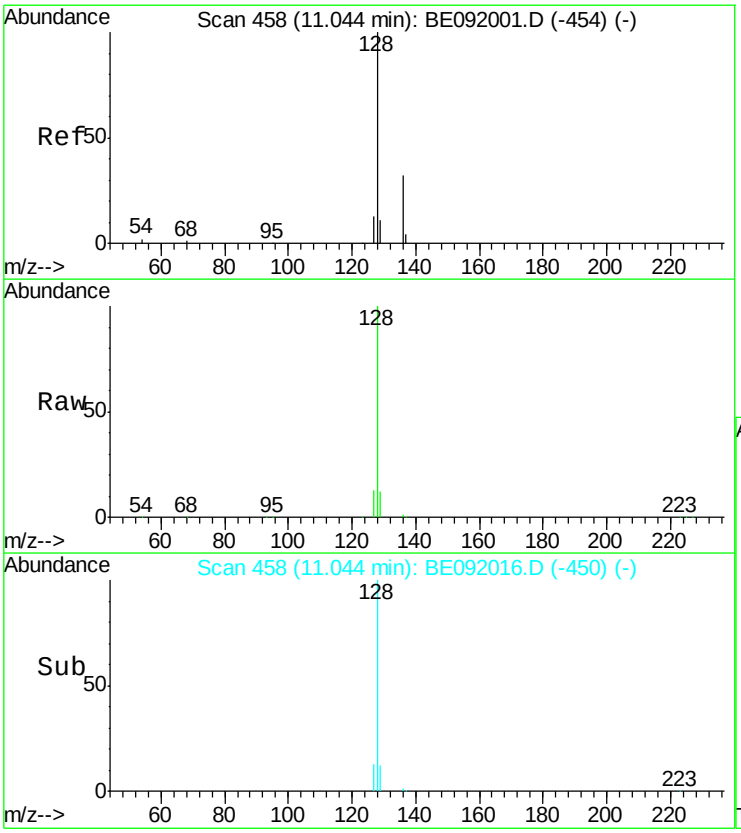
Tgt Ion: 93 Resp: 42189

Ion	Ratio	Lower	Upper
93	100		
95	31.4	57.6	86.4#
123	9.0	100.2	150.4#

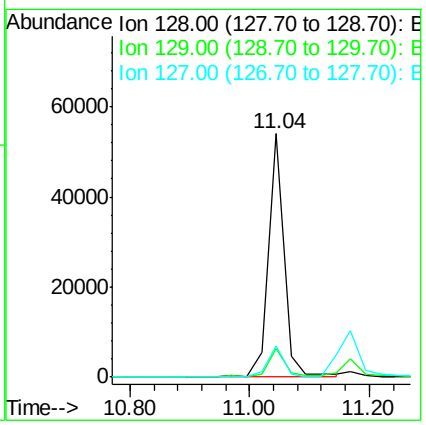


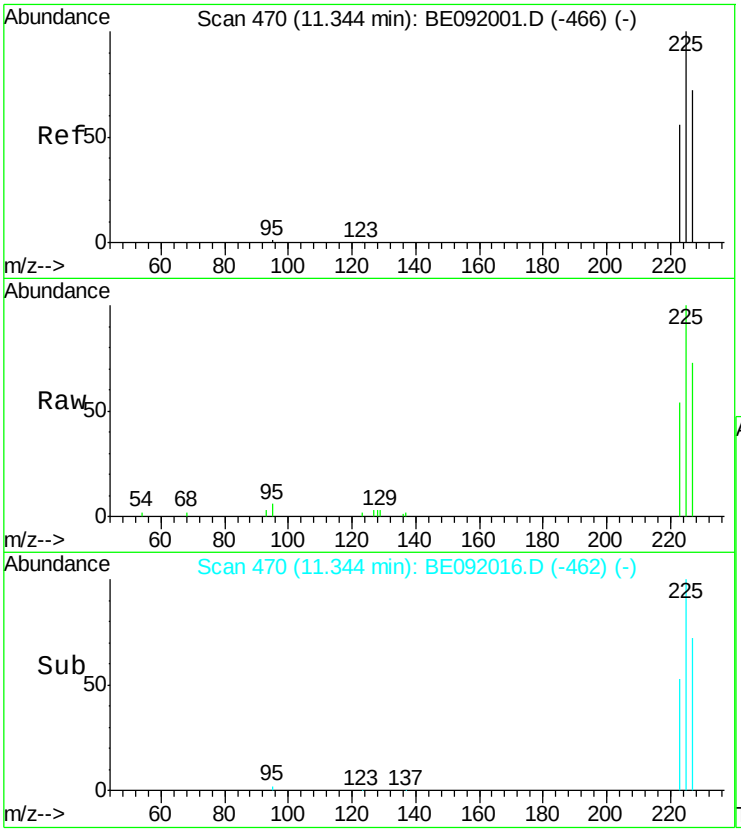


#12
Naphthalene
Concen: 3.70 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:128 Resp: 98649

Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.4	15.6
127	12.8	10.2	15.2

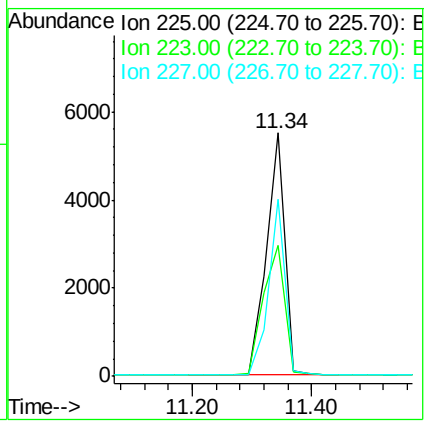




#13
Hexachlorobutadiene
Concen: 3.07 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:225 Resp: 11715

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.8	74.8
227	65.0	50.6	75.8



Instrument :
BNA_E
ClientSampleId :
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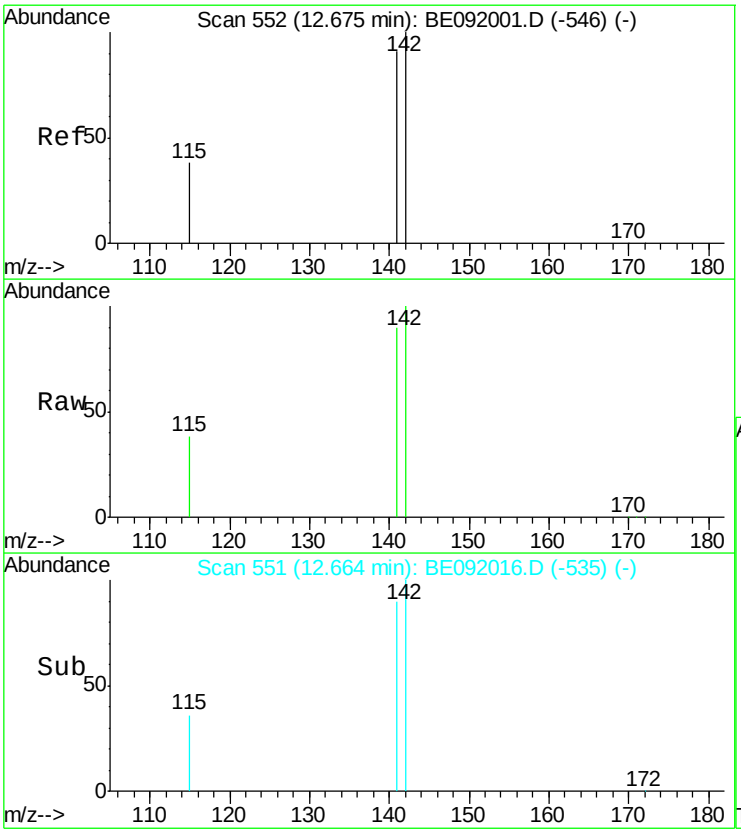
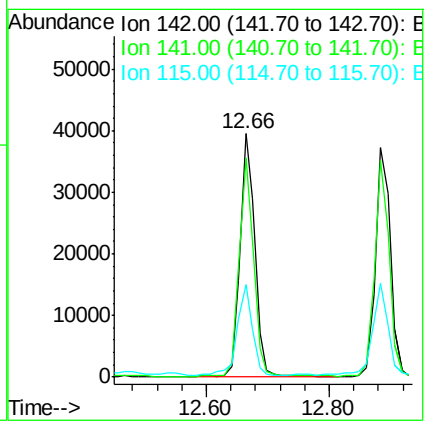
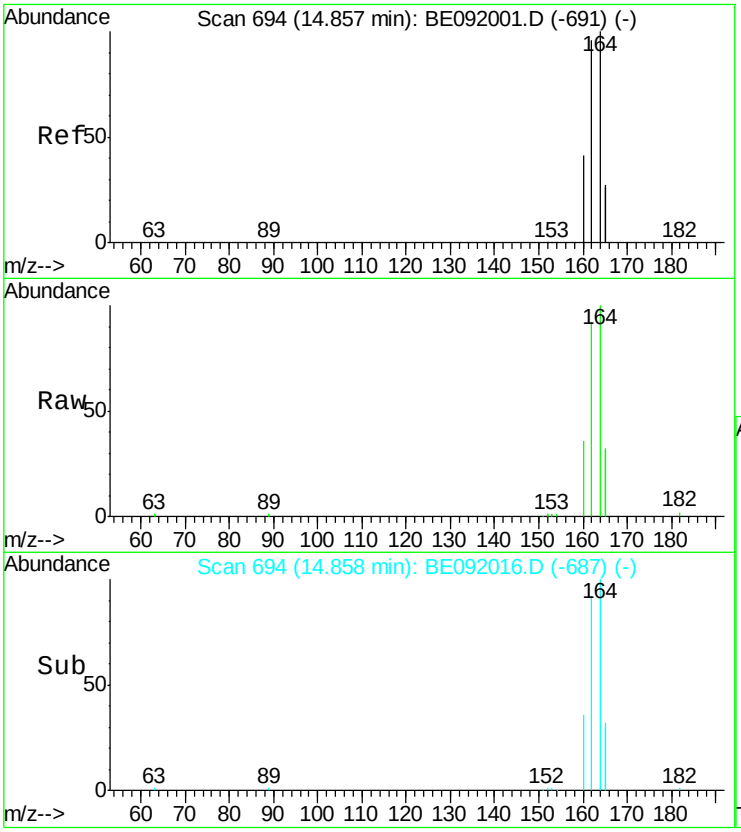


#14
2-Methylnaphthalene
Concen: 3.96 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:142 Resp: 66253

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	38.2	29.9	44.9

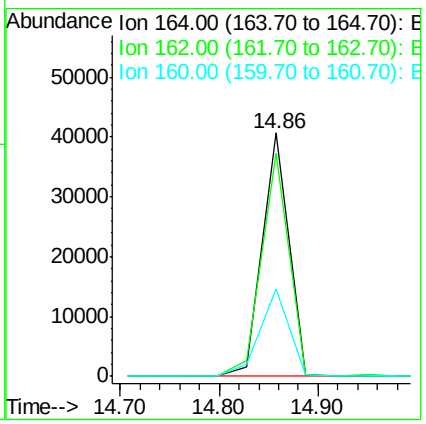




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:164 Resp: 76488

Ion	Ratio	Lower	Upper
164	100		
162	91.6	71.8	107.8
160	36.1	28.0	42.0



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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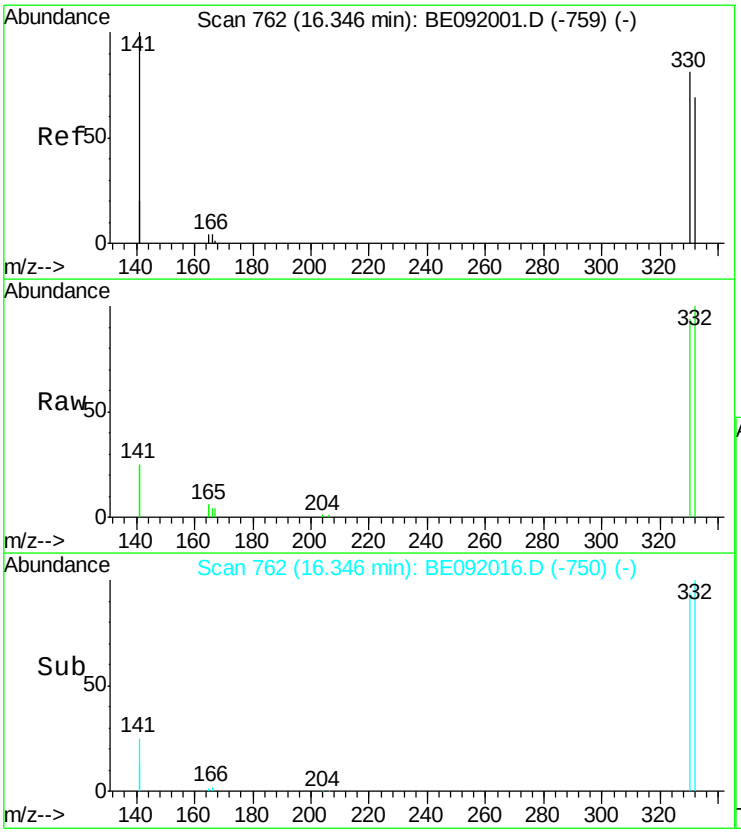
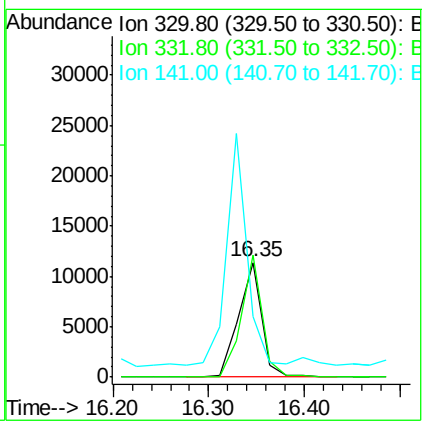
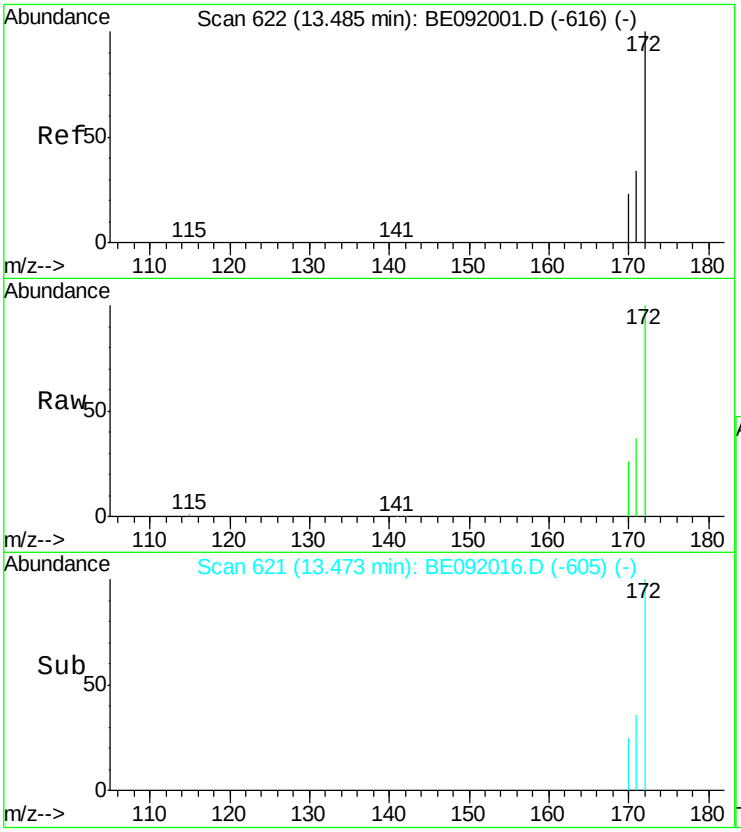


#16
2,4,6-Tribromophenol
Concen: 7.07 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:330 Resp: 18717

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	179.2	138.4	207.6

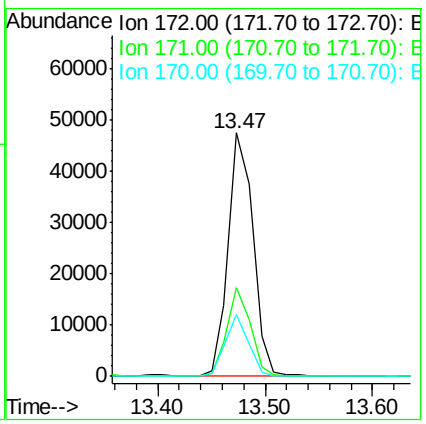




#17
2-Fluorobiphenyl
Concen: 3.74 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:172 Resp: 75193

Ion	Ratio	Lower	Upper
172	100		
171	36.7	24.3	36.5#
170	25.6	14.9	22.3#



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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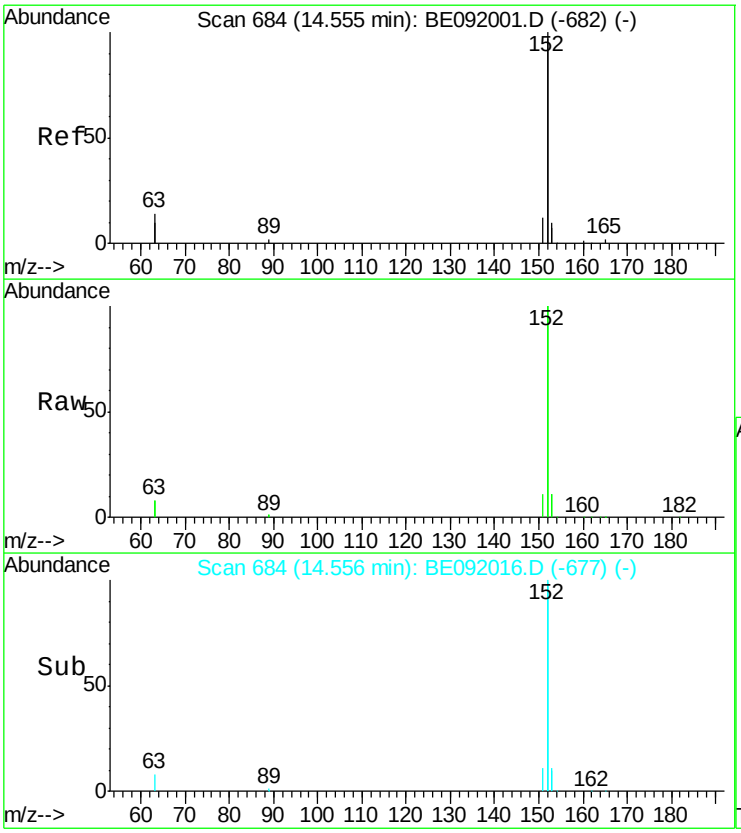
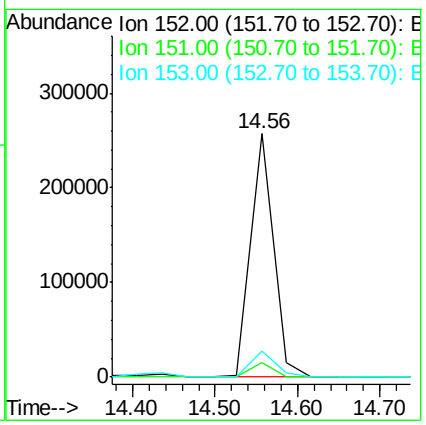
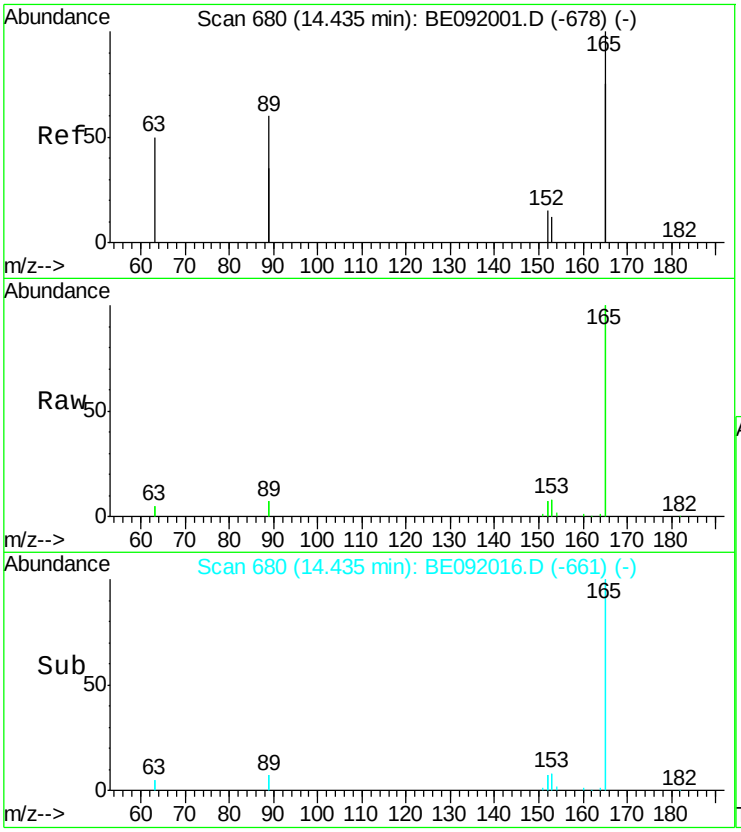


#18
Acenaphthylene
Concen: 4.20 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:152 Resp: 494434

Ion	Ratio	Lower	Upper
152	100		
151	5.5	19.4	29.2#
153	11.6	14.4	21.6#





#19
2,6-Dinitrotoluene
Concen: 4.22 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:165 Resp: 93000

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

Manual Integrations
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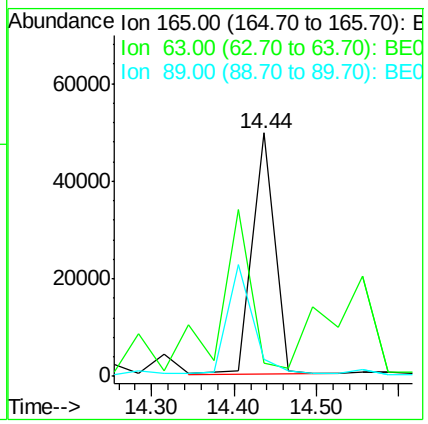
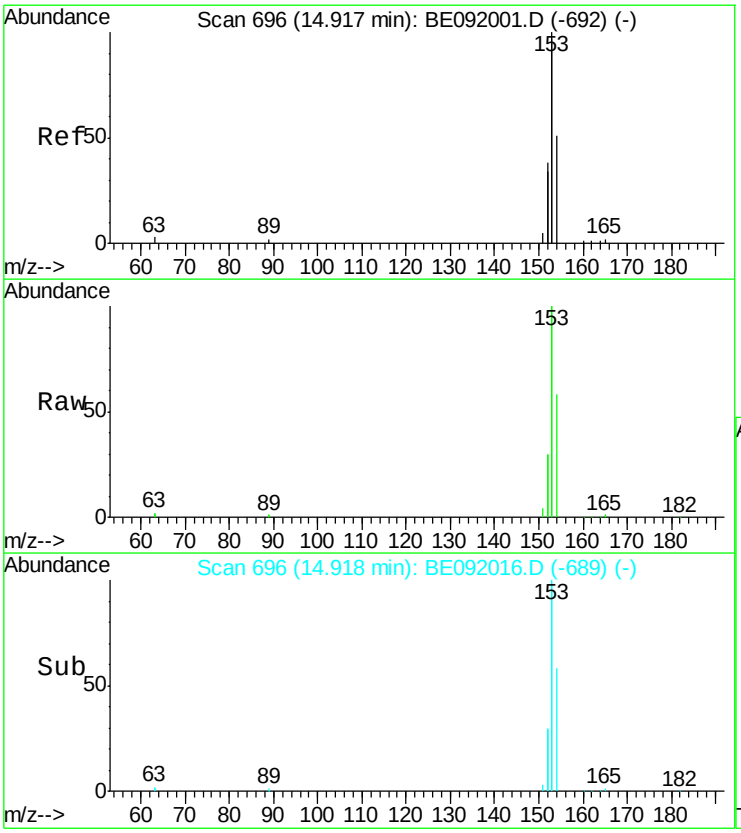
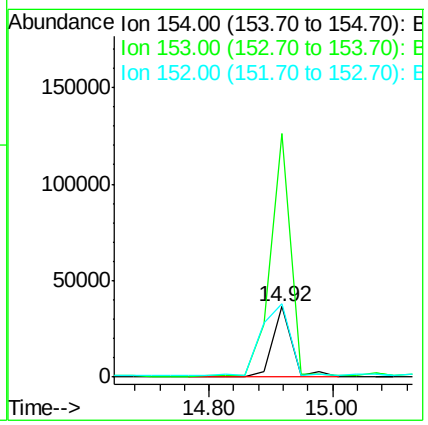


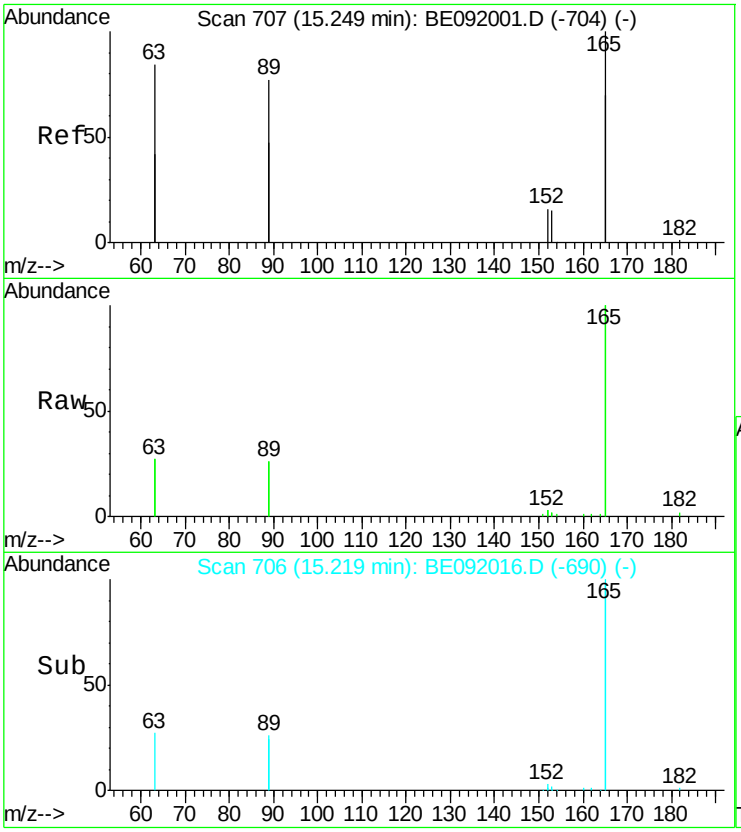


#20
Acenaphthene
Concen: 3.96 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:154 Resp: 78891

Ion	Ratio	Lower	Upper
154	100		
153	357.6	88.1	132.1#
152	155.2	44.2	66.2#

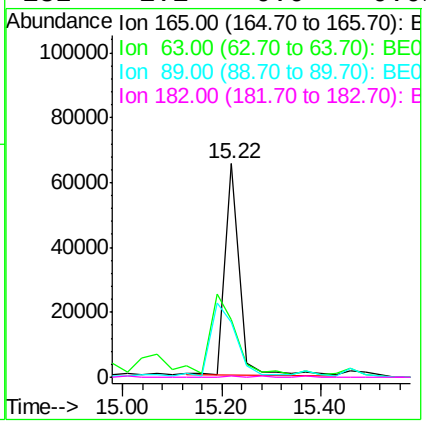




#21
2,4-Dinitrotoluene
Concen: 4.35 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:165 Resp: 134760

Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	1.1	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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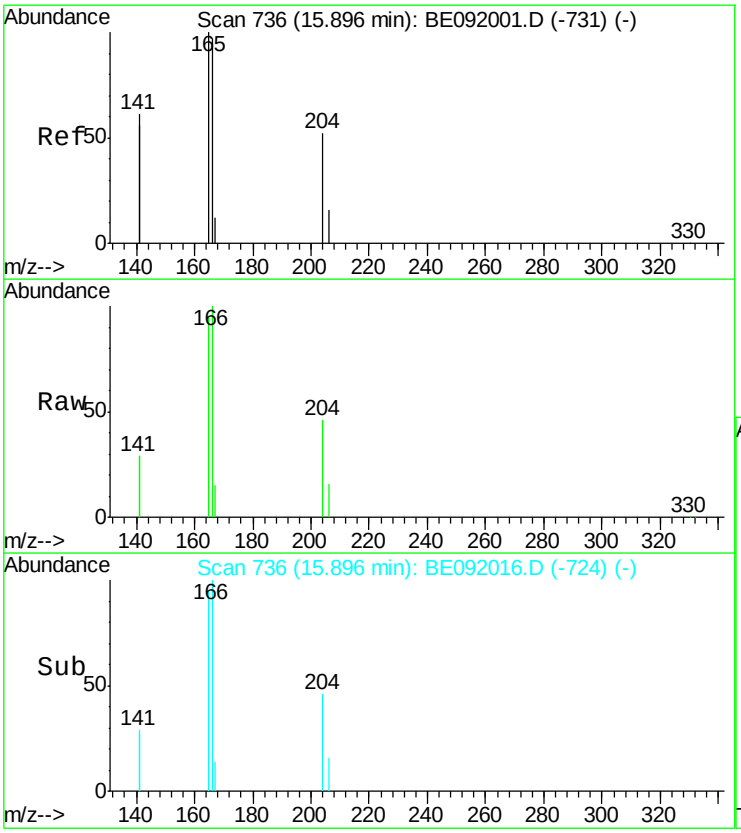
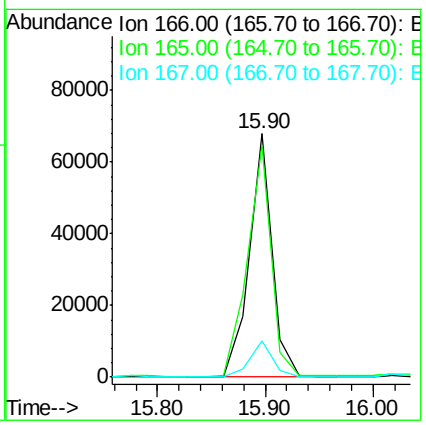
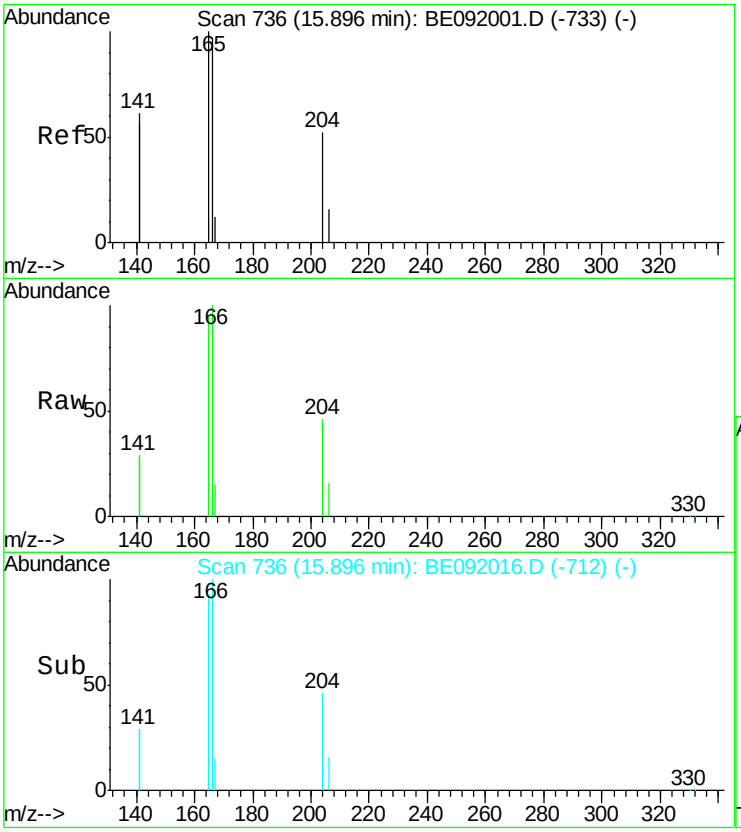


#22
Fluorene
Concen: 4.17 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:166 Resp: 99175

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	15.4	10.8	16.2

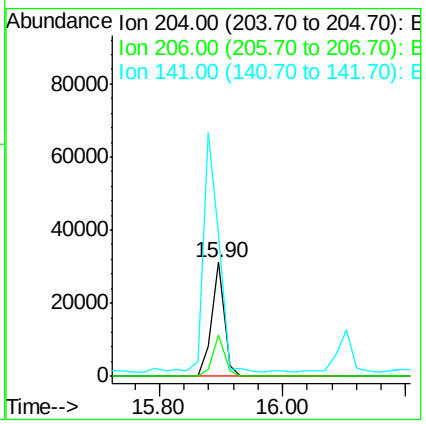




#23
4-Chlorophenyl-phenylether
Concen: 3.71 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:204 Resp: 43874

Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.8	41.6
141	253.5	197.6	296.4



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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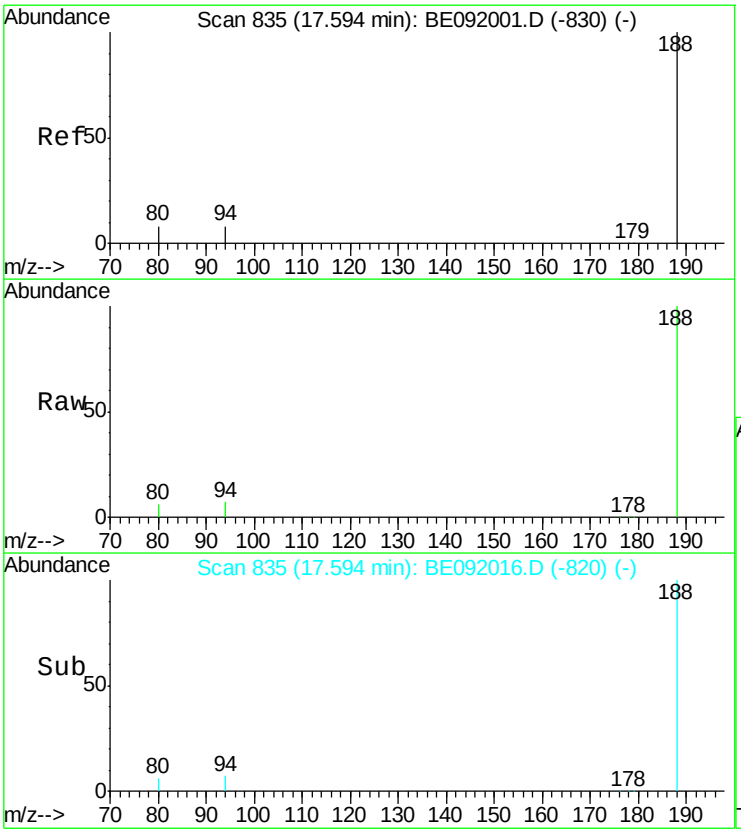
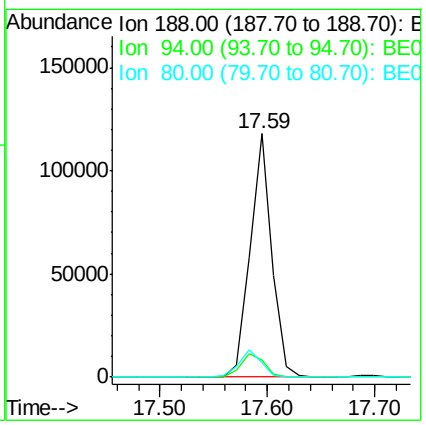
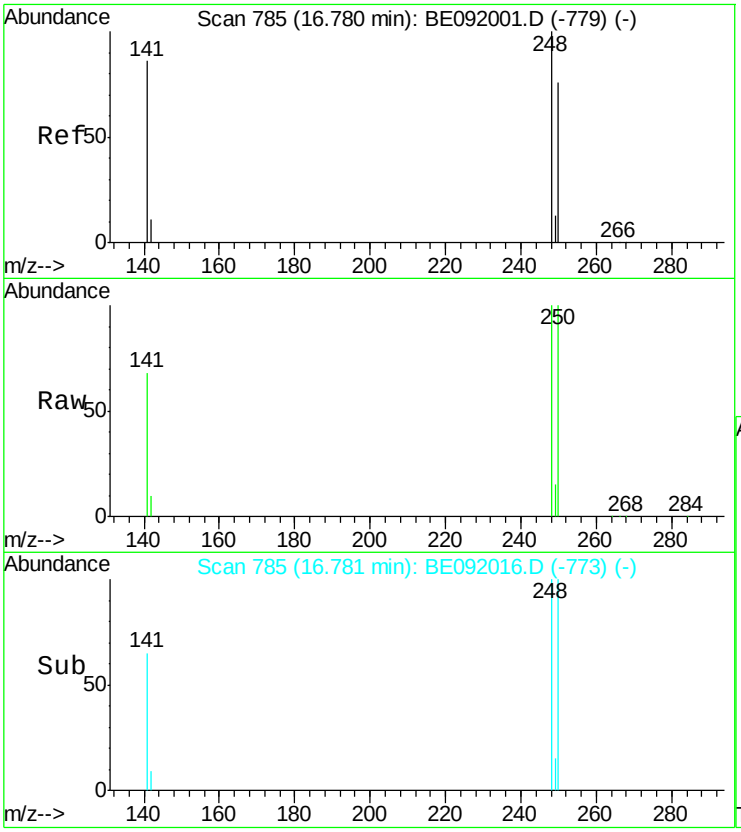


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:188 Resp: 164849

Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.1	6.1#
80	6.2	3.4	5.2#

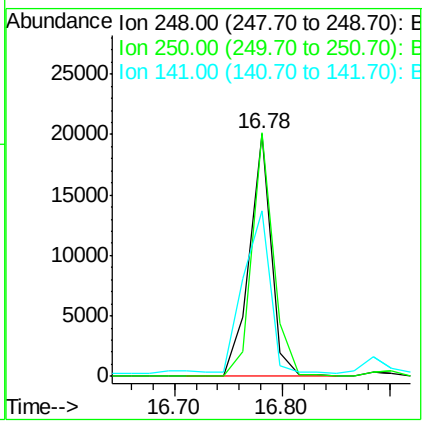




#25
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:248 Resp: 27968

Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.7	113.5
141	84.8	64.6	97.0



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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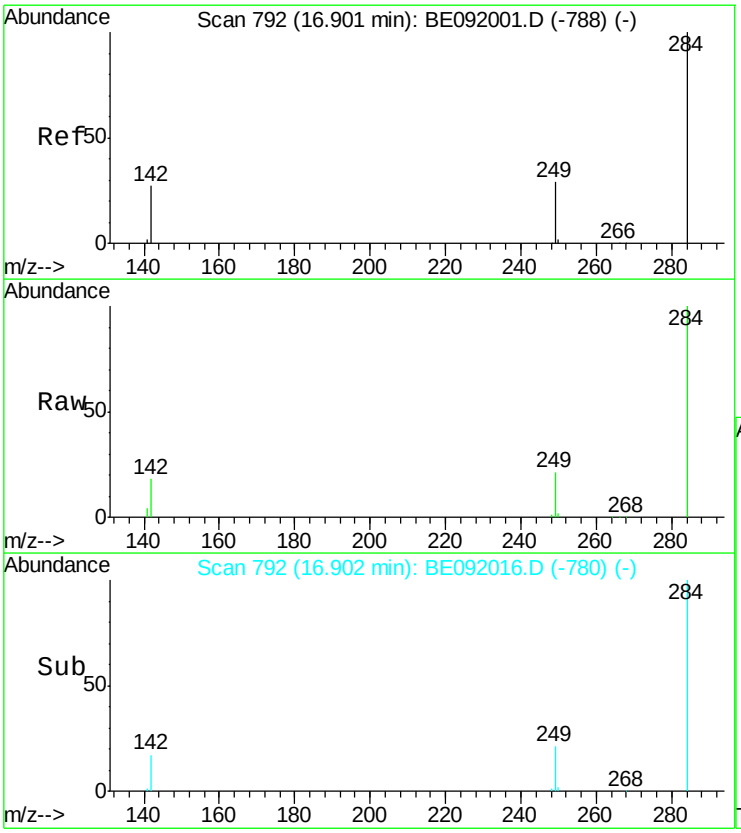
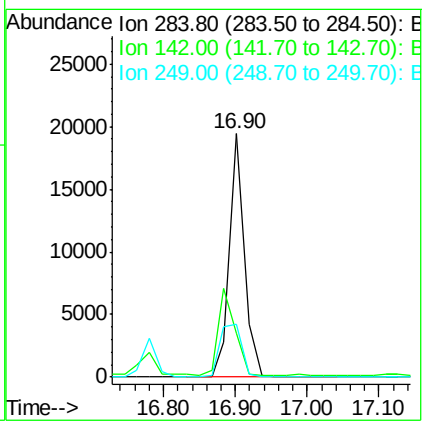
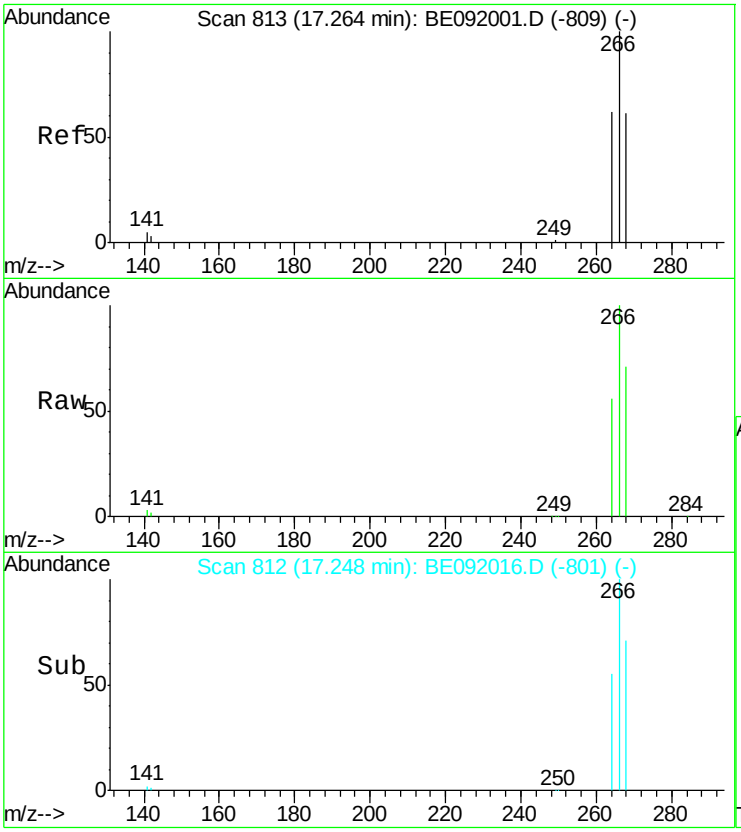


#26
Hexachlorobenzene
Concen: 3.89 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:284 Resp: 27519

Ion	Ratio	Lower	Upper
284	100		
142	40.5	31.4	47.2
249	31.6	25.3	37.9

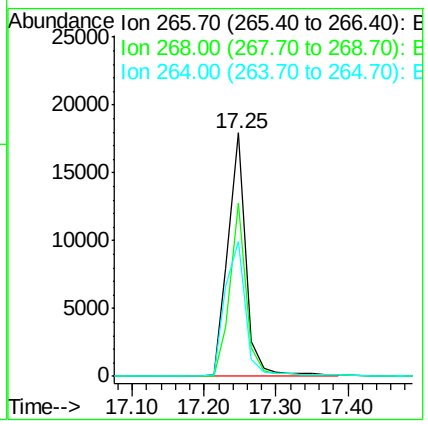




#27
Pentachlorophenol
Concen: 7.82 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:266 Resp: 30971

Ion	Ratio	Lower	Upper
266	100		
268	71.1	60.5	90.7
264	55.5	51.0	76.4



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

Manual Integrations
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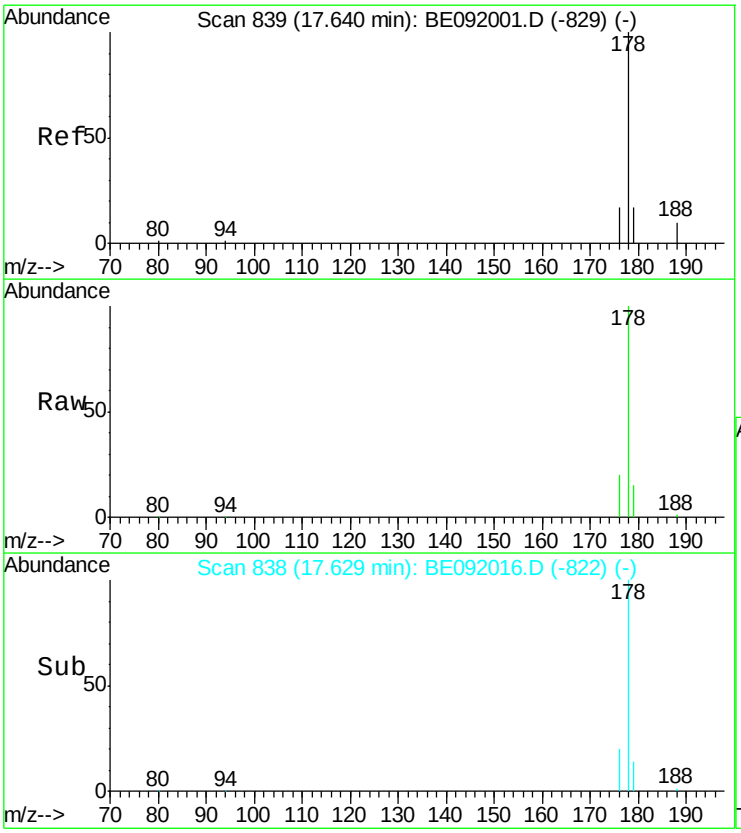
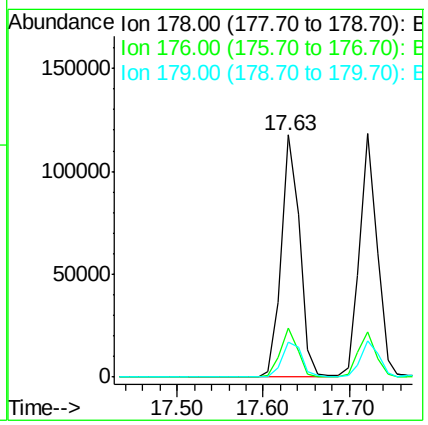
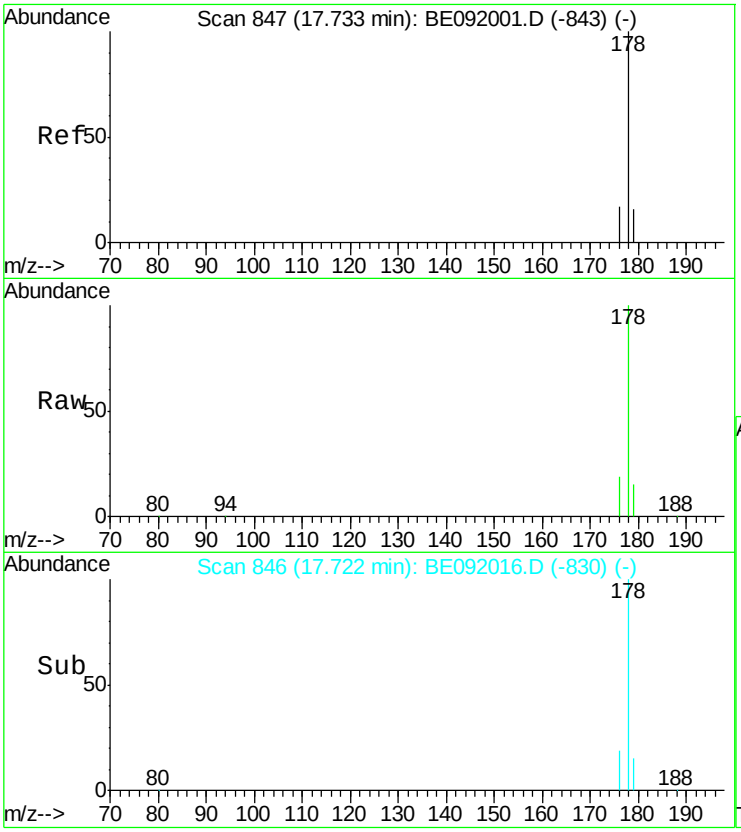


#28
Phenanthrene
Concen: 4.09 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:178 Resp: 174182

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.9	19.3

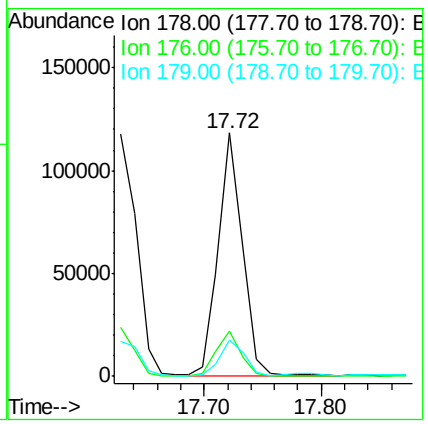




#29
Anthracene
Concen: 4.36 ng
RT: 17.72 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:178 Resp: 168415

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.1	12.1	18.1



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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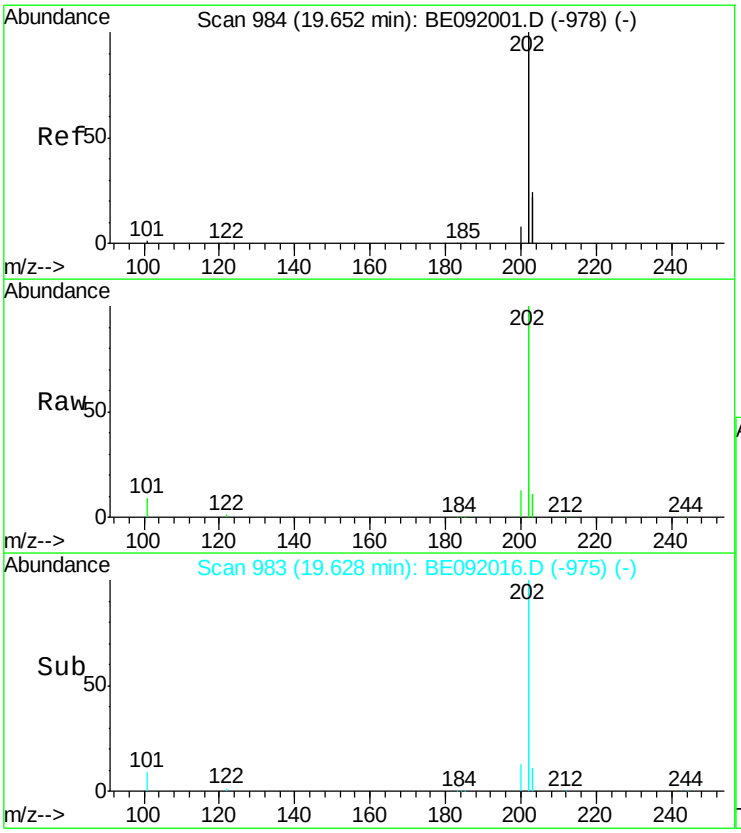
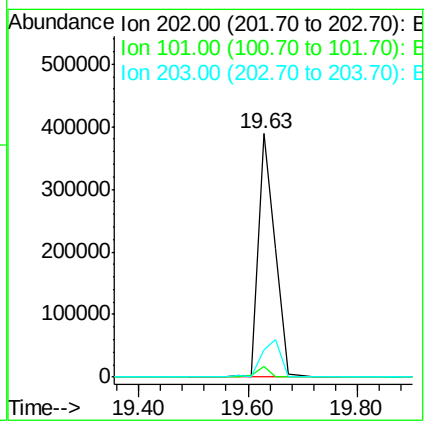
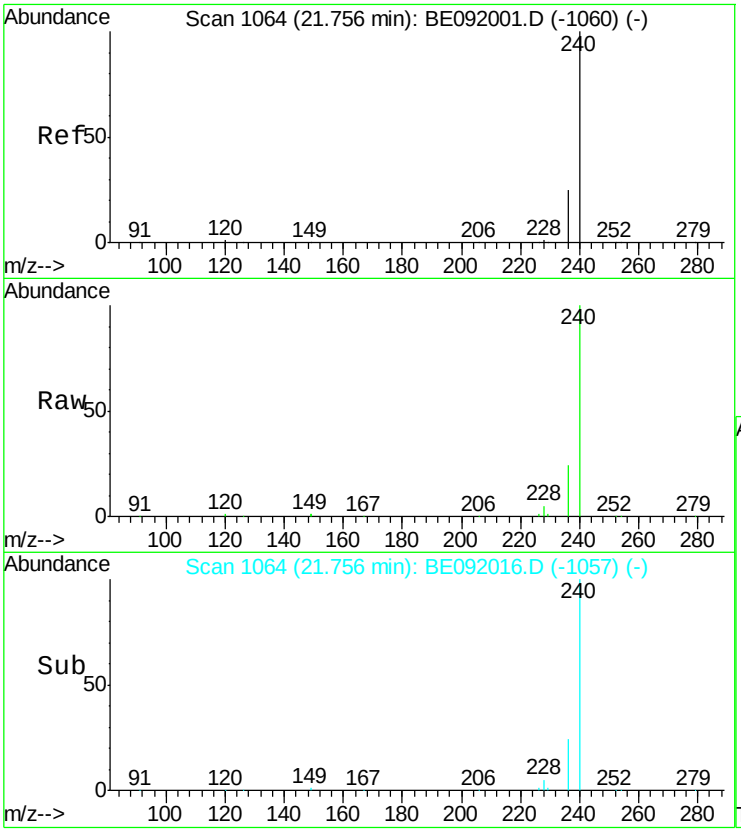


#30
Fluoranthene
Concen: 4.86 ng
RT: 19.63 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:202 Resp: 828035

Ion	Ratio	Lower	Upper
202	100		
101	3.2	9.4	14.0#
203	0.0	14.3	21.5#





#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:240 Resp: 254644

Ion	Ratio	Lower	Upper
240	100		
120	0.6	1.2	1.8#
236	23.9	19.8	29.8

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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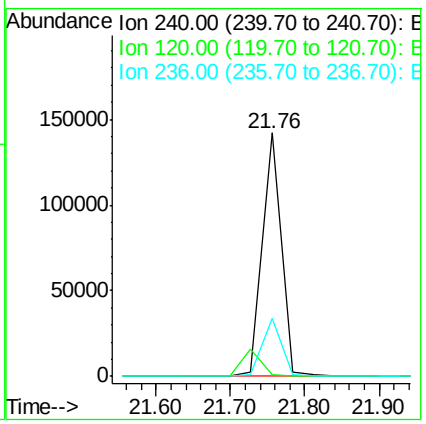
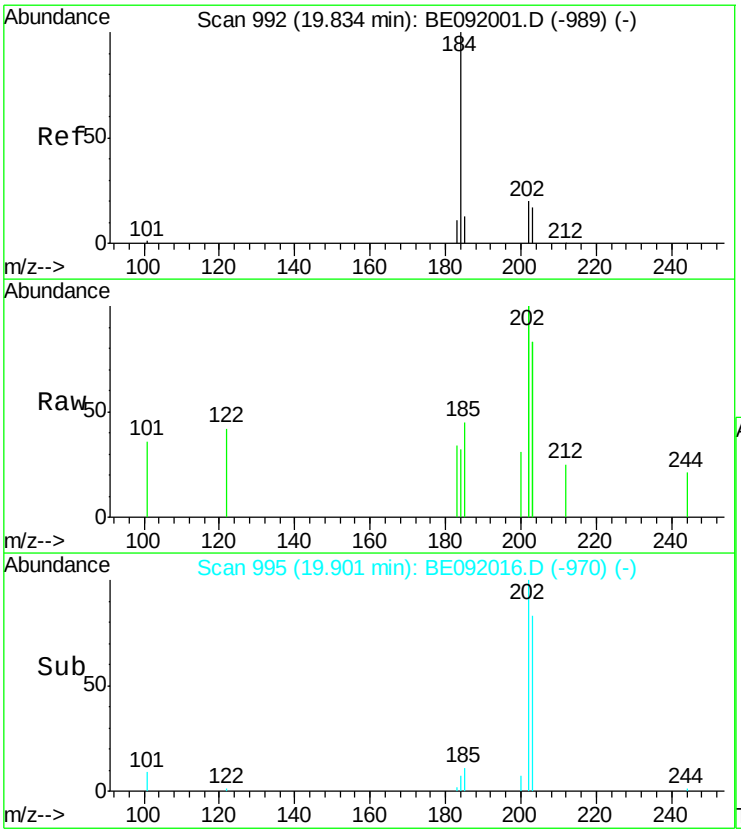
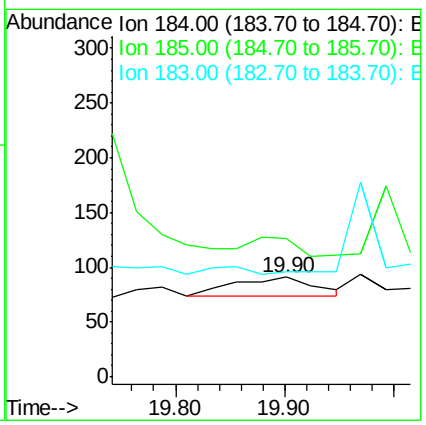


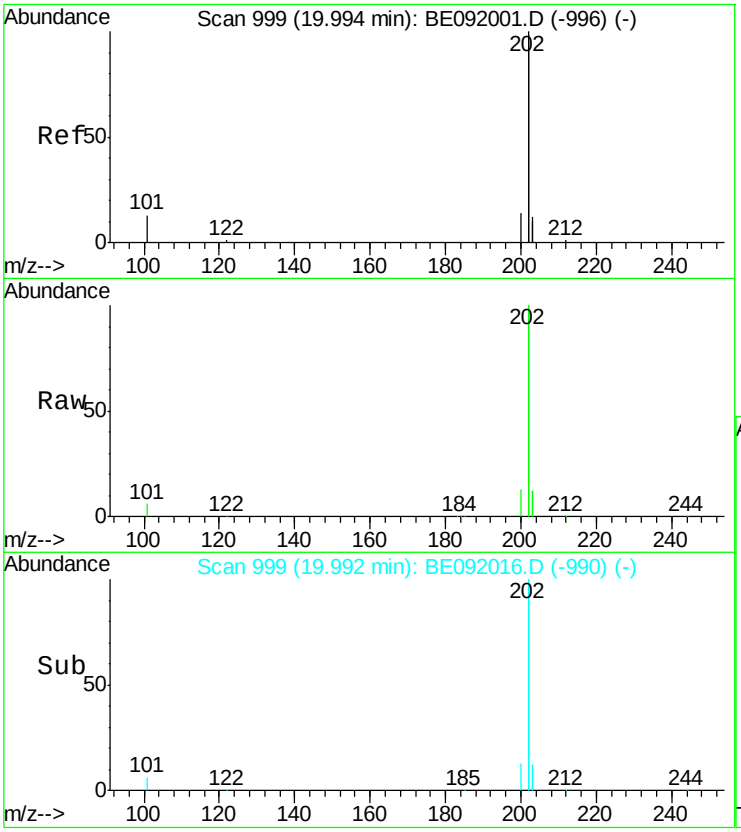


#32
Benzidine
Concen: 0.19 ng
RT: 19.90 min Scan# 995
Delta R.T. 0.07 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:184 Resp: 89

Ion	Ratio	Lower	Upper
184	100		
185	138.5	11.4	17.2#
183	105.5	11.8	17.6#





#33
Pyrene
Concen: 5.11 ng
RT: 19.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:202 Resp: 943229

Ion	Ratio	Lower	Upper
202	100		
200	5.8	16.9	25.3#
203	16.2	14.1	21.1

Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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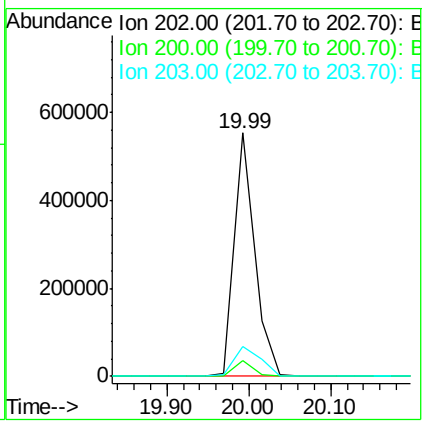
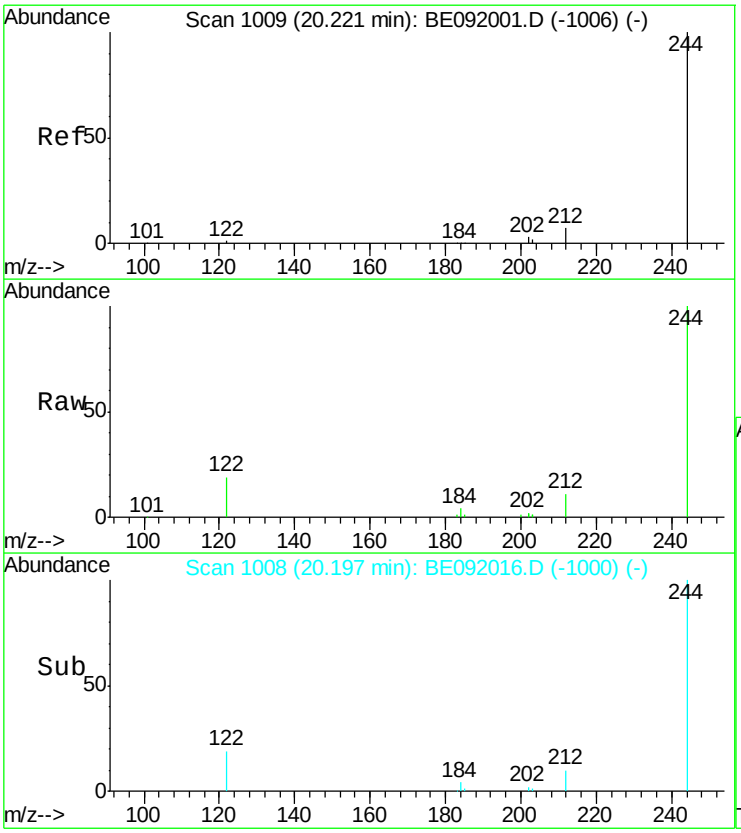
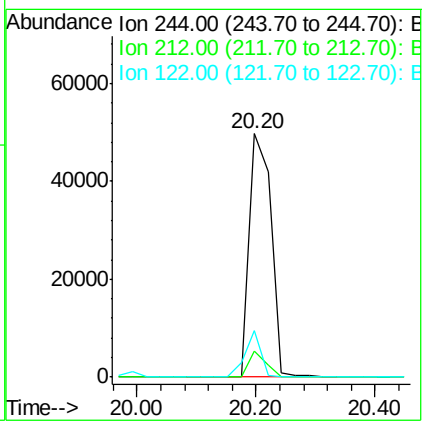


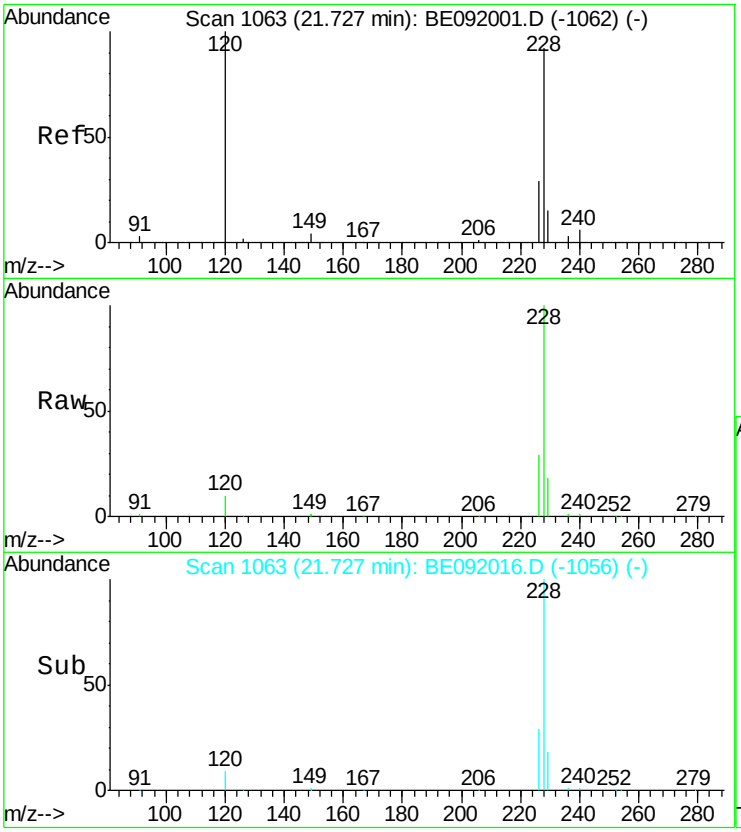


#34
Terphenyl-d14
Concen: 4.99 ng
RT: 20.20 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:244 Resp: 127704

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.5	9.7#
122	19.1	2.9	4.3#

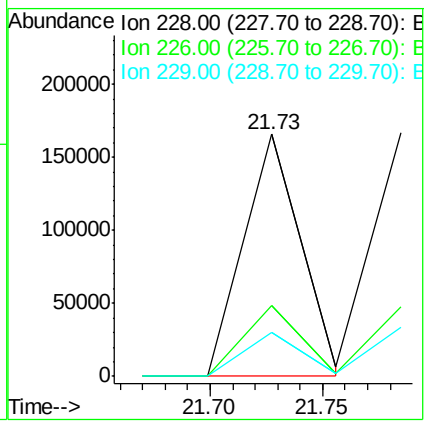




#35
Benzo(a)anthracene
Concen: 5.16 ng m
RT: 21.73 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:228 Resp: 296017

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	18.0	15.8	23.8



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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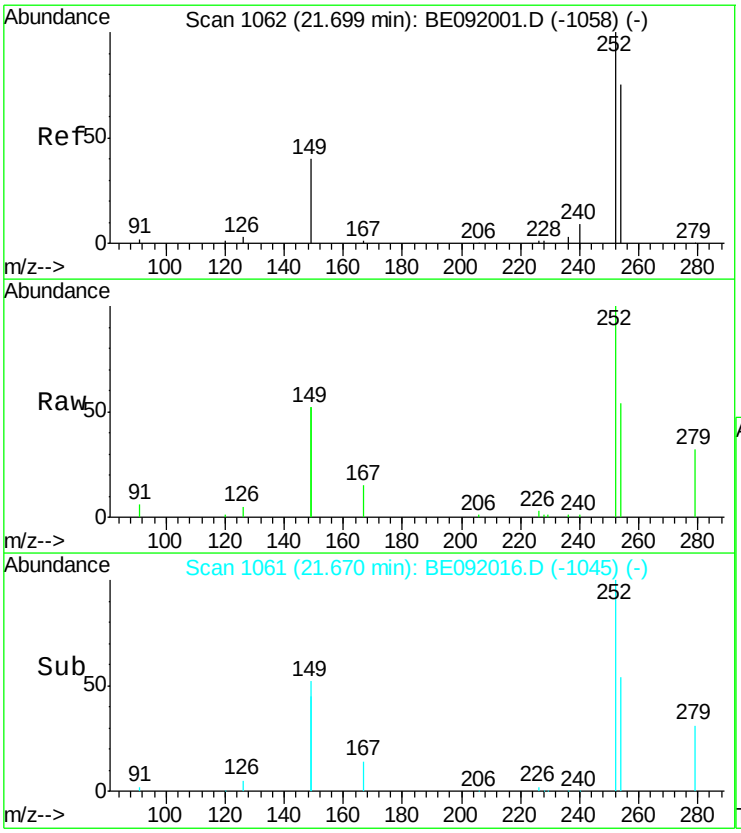
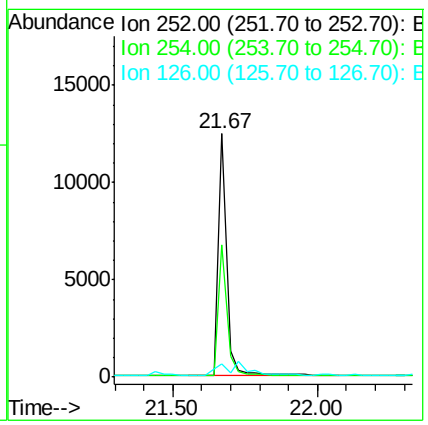
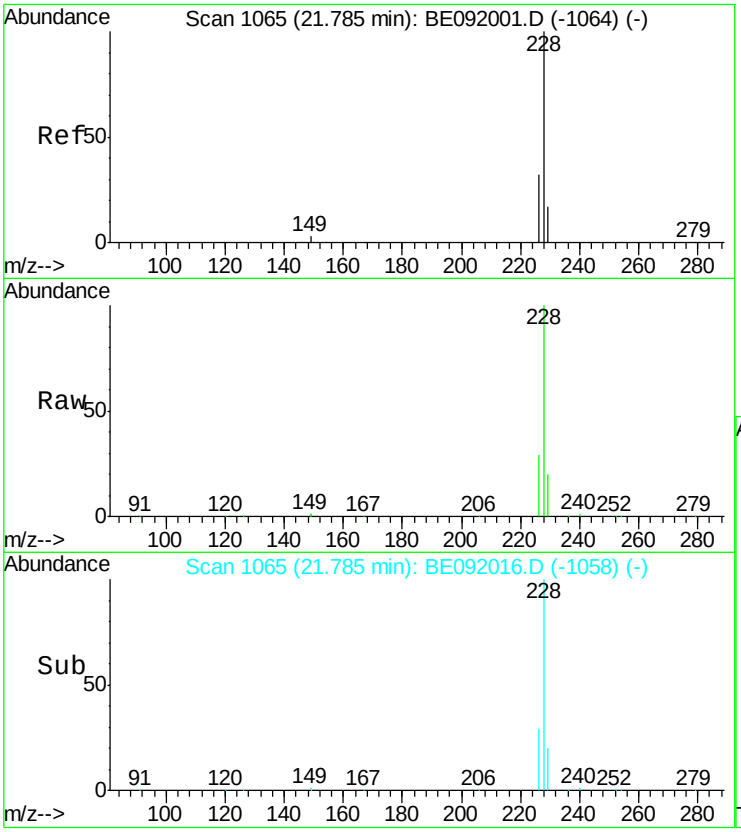


#36
3,3'-Dichlorobenzidine
Concen: 2.25 ng
RT: 21.67 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:252 Resp: 25194

Ion	Ratio	Lower	Upper
252	100		
254	54.1	61.5	92.3#
126	5.4	2.5	3.7#





#37
Chrysene
Concen: 4.25 ng m
RT: 21.78 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:228 Resp: 297252

Ion	Ratio	Lower	Upper
228	100		
226	28.8	27.0	40.6
229	20.4	13.8	20.8

Instrument :
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ClientSampleId :
GW-05-5.0-16.0MS

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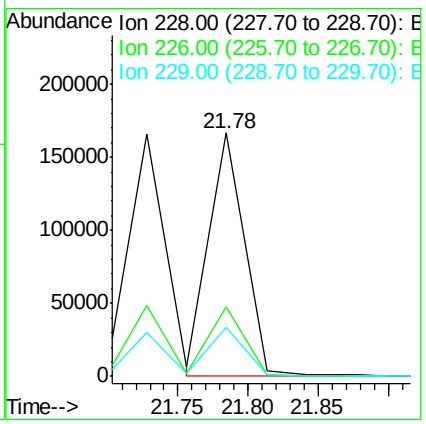
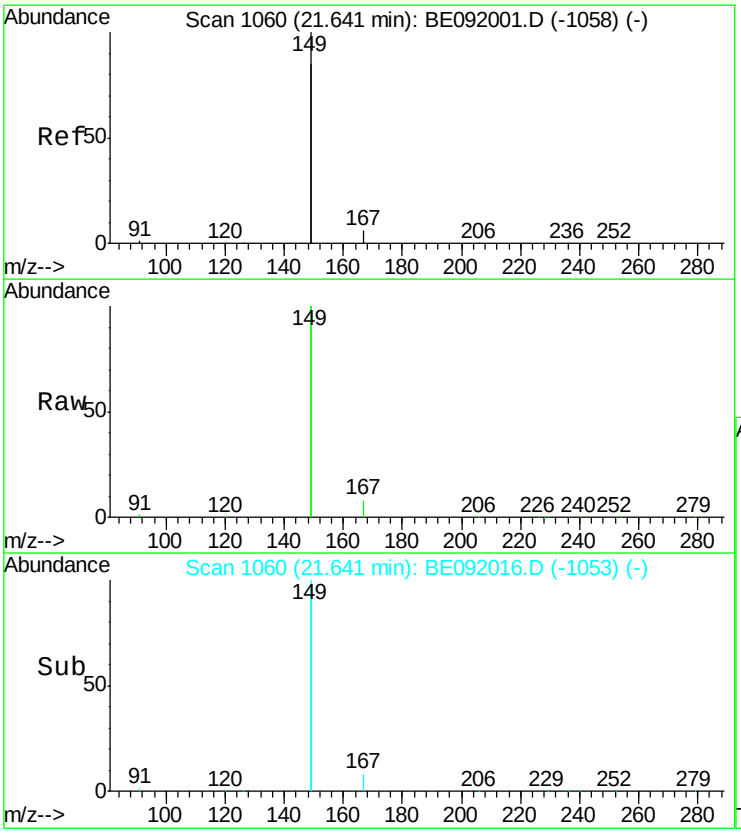
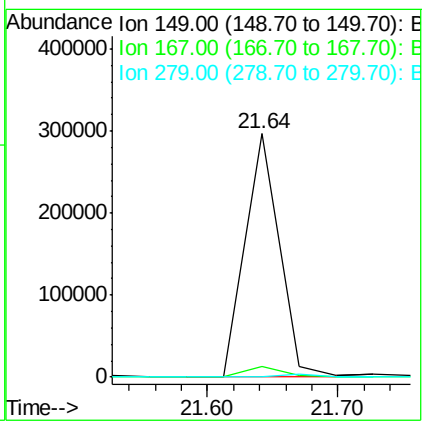


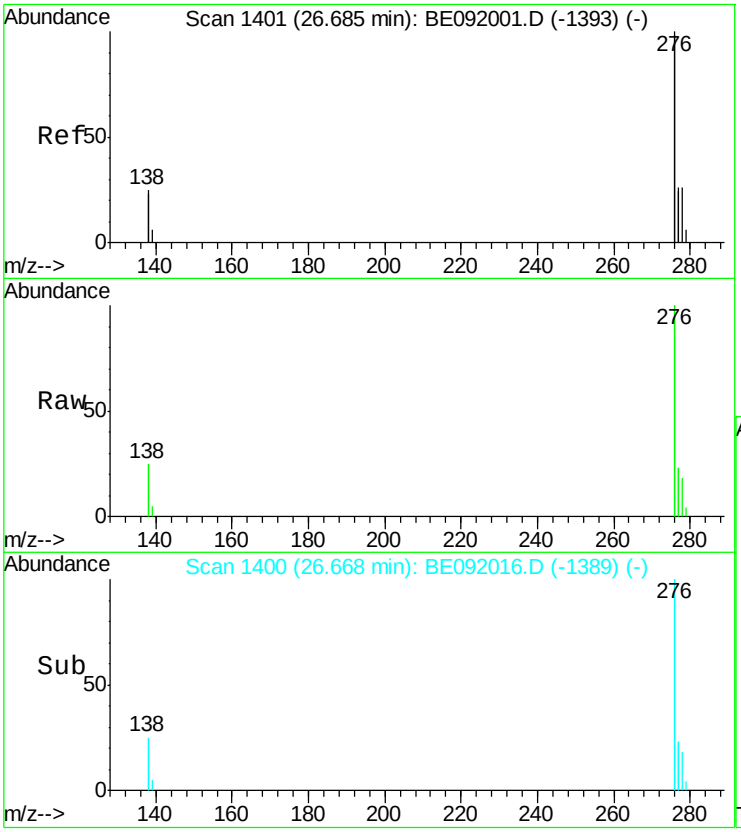


#38
Bis(2-ethylhexyl)phthalate
Concen: 10.56 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:149 Resp: 529967

Ion	Ratio	Lower	Upper
149	100		
167	4.6	0.0	0.0#
279	0.0	0.0	0.0

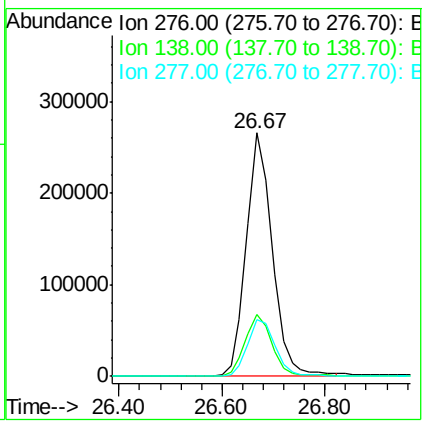




#39
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng
RT: 26.67 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:276 Resp: 923729

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.6	20.1	30.1



Instrument :
BNA_E
ClientSampleId :
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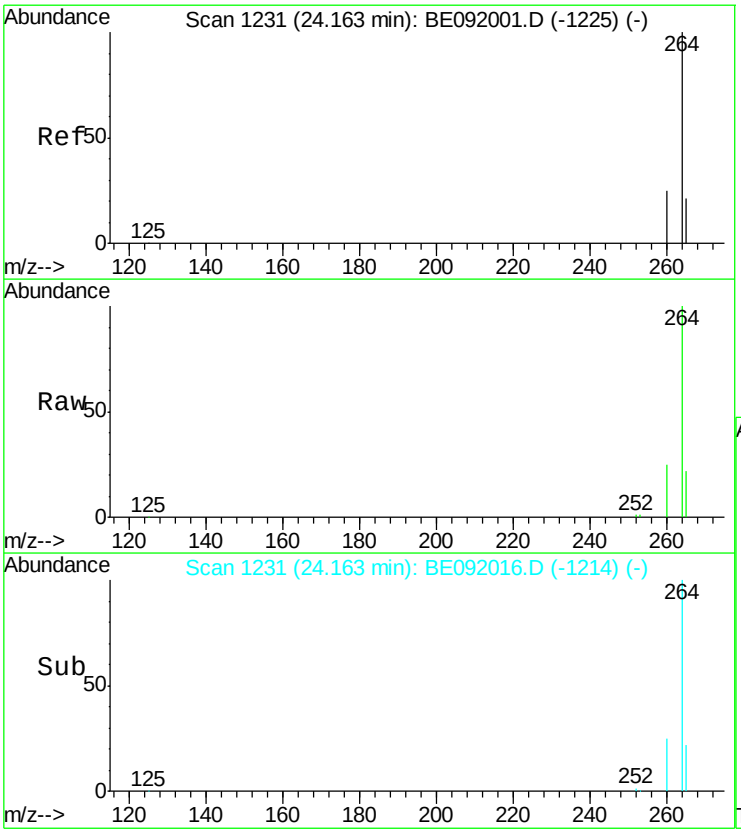
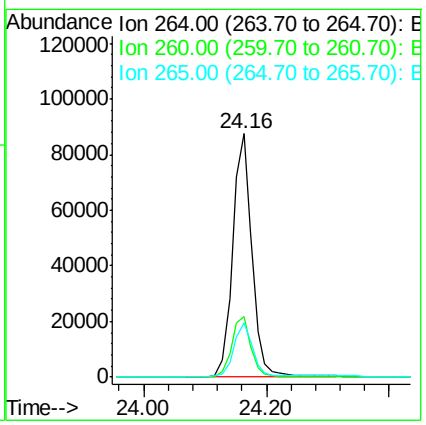
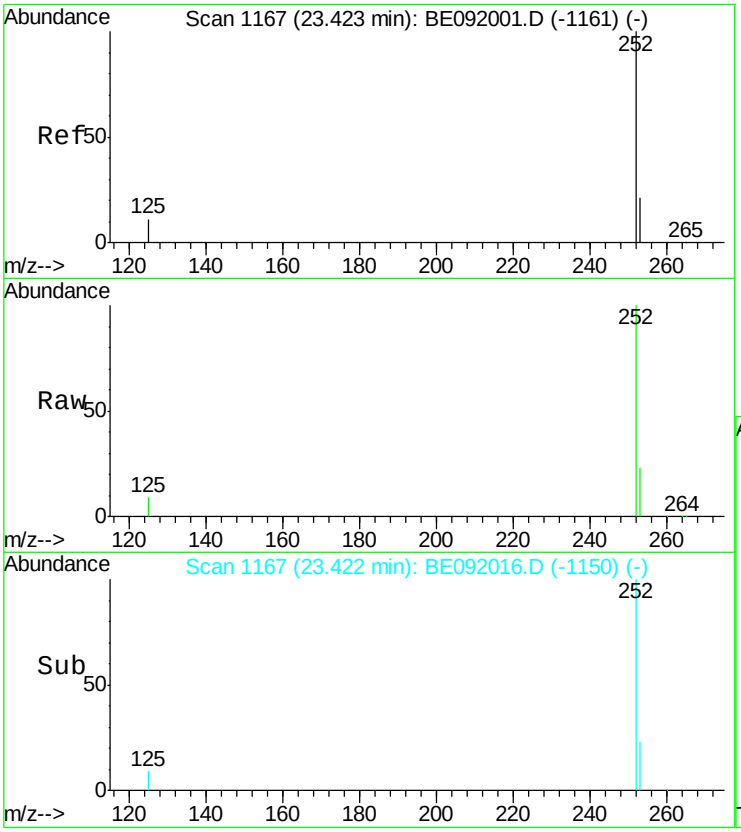


#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:264 Resp: 190095

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	22.3	17.6	26.4





#41
Benzo(b)fluoranthene
Concen: 4.72 ng
RT: 23.42 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:252 Resp: 235340

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	9.5	9.4	14.2

Instrument :
BNA_E
ClientSampleId :
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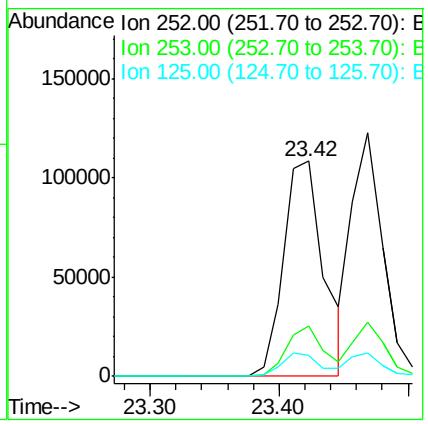
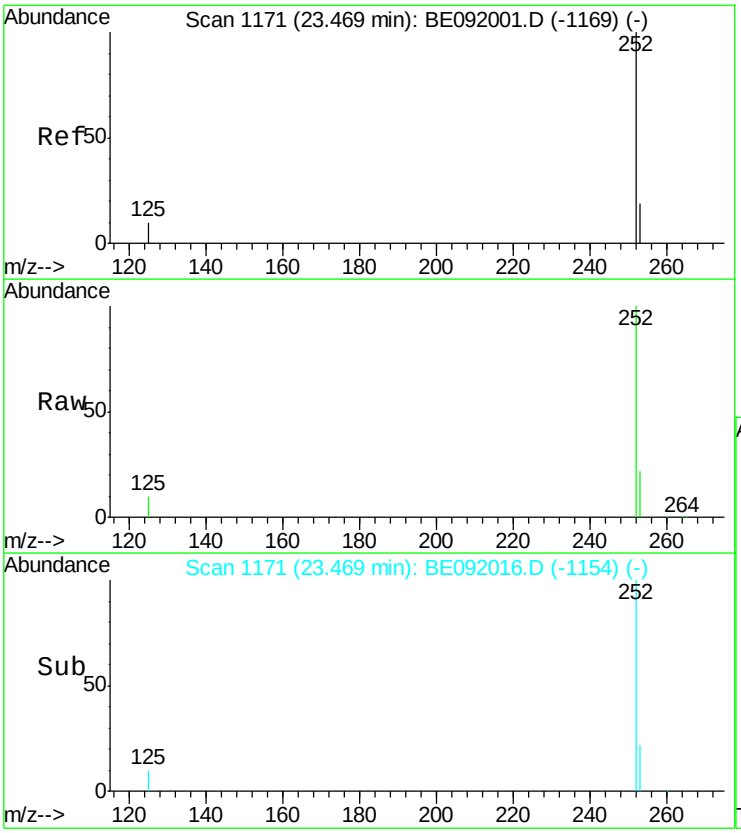
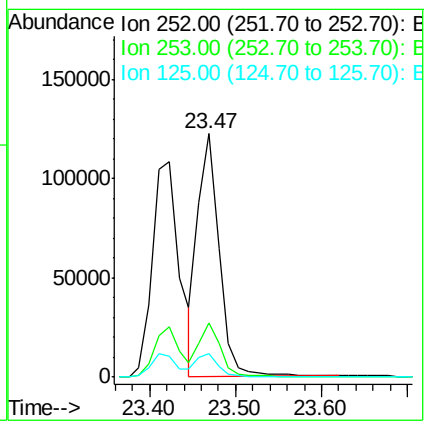


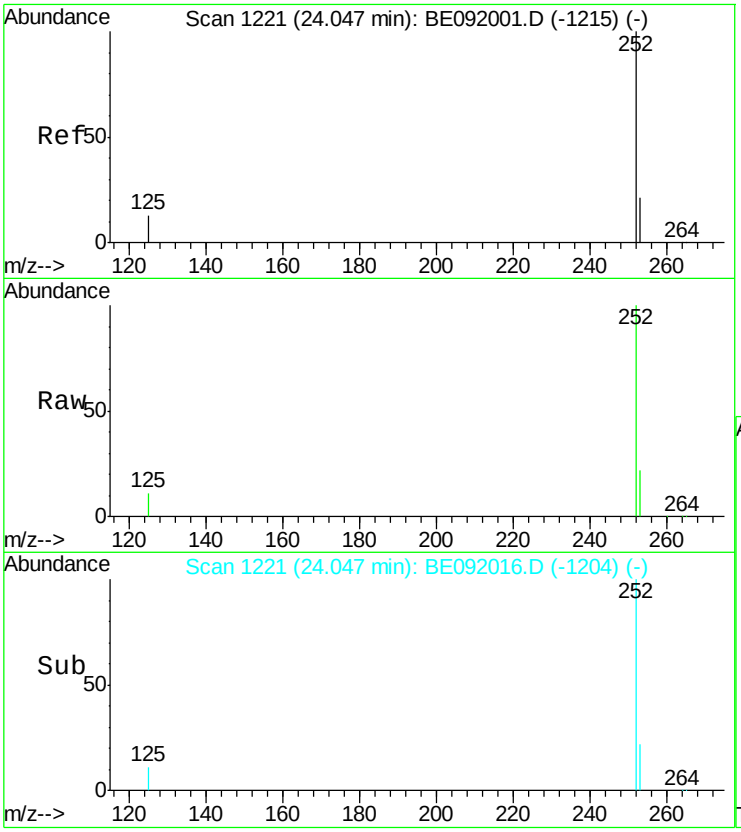


#42
Benzo(k)fluoranthene
Concen: 4.14 ng
RT: 23.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:252 Resp: 210167

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.4	29.2
125	9.7	8.3	12.5

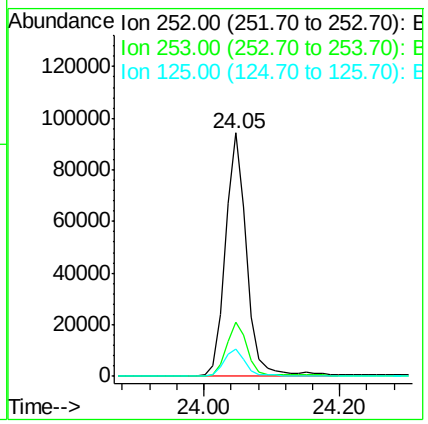




#43
Benzo(a)pyrene
Concen: 4.41 ng
RT: 24.05 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:252 Resp: 204859

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.3	10.5	15.7



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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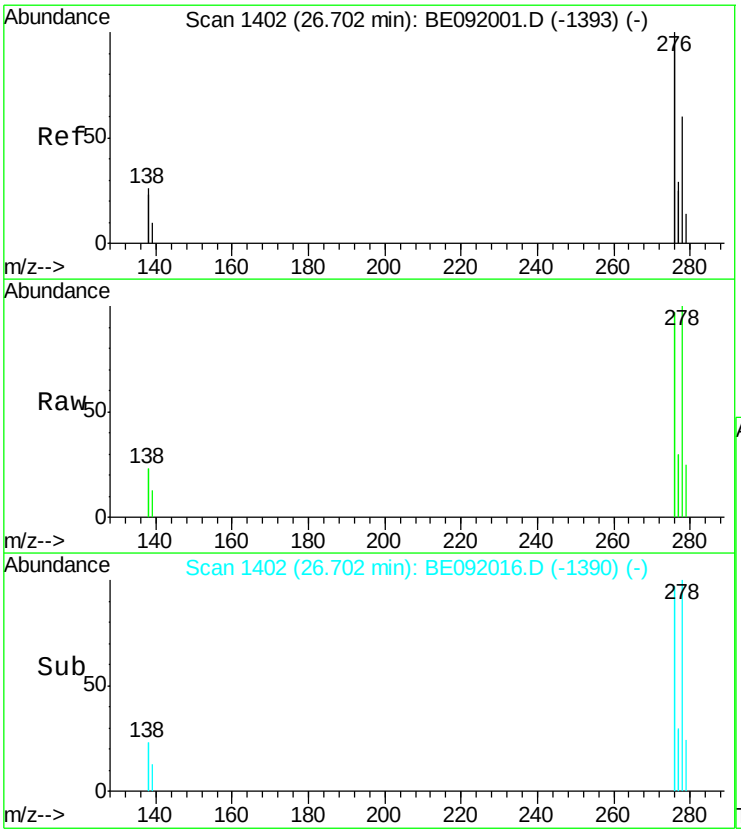
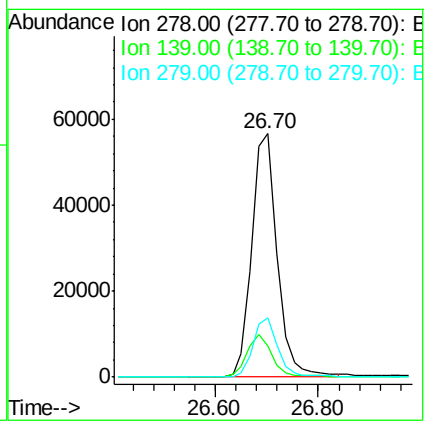
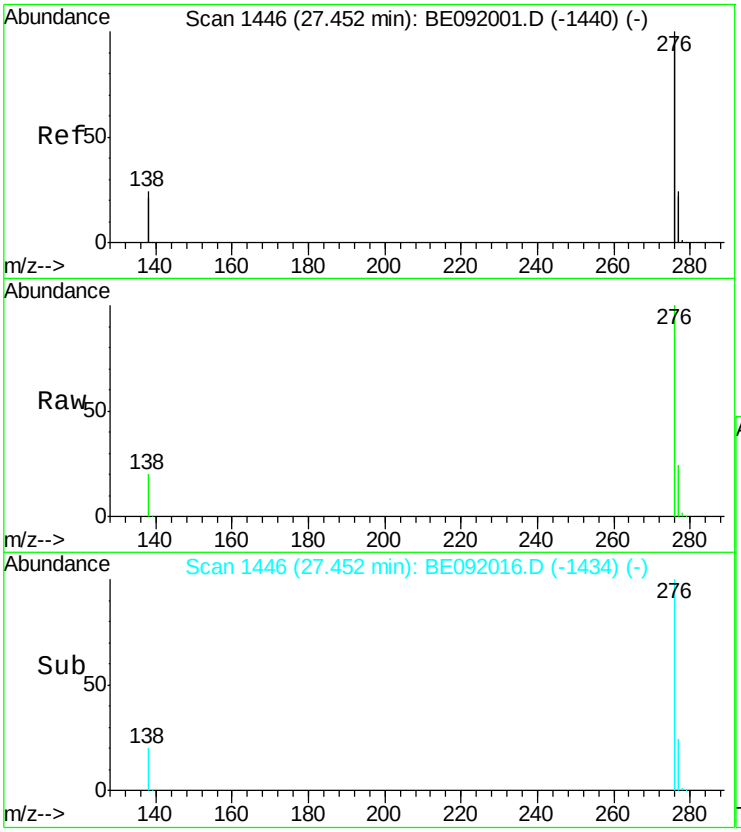


#44
Dibenzo(a,h)anthracene
Concen: 4.62 ng
RT: 26.70 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:278 Resp: 191480

Ion	Ratio	Lower	Upper
278	100		
139	12.8	12.6	18.8
279	24.6	20.0	30.0

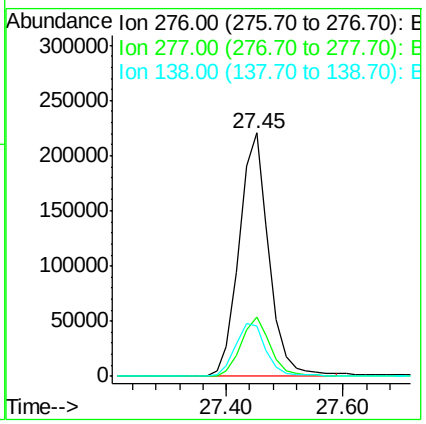




#45
Benzo(g,h,i)perylene
Concen: 4.56 ng
RT: 27.45 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BE092016.D
Acq: 22 Jul 2016 21:24

Tgt Ion:276 Resp: 774042

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	20.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
GW-05-5.0-16.0MS

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