Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
Data File : BE092266.D
Acq On : 11 Aug 2016 14:37
Operator : UM/SJ
Sample : H4221-22MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-44-8.6-15.0MSD

Quant Time: Aug 11 16:22:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	14106	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	63320	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	33096	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	82239	5.00	ng		0.00
24) Chrysene-d12	21.73	240	83541	5.00	ng		-0.02
31) Perylene-d12	24.12	264	89549	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	17047	5.53	ng		-0.01
5) Phenol-d6	7.34	99	17245	3.89	ng		-0.02
8) Nitrobenzene-d5	9.32	82	17995	4.03	ng		-0.04
13) 2,4,6-Tribromophenol	16.32	330	8021	6.26	ng		-0.01
14) 2-Fluorobiphenyl	13.46	172	39127	3.83	ng		-0.01
26) Terphenyl-d14	20.19	244	58682	4.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	4300	2.68	ng		96
3) n-Nitrosodimethylamine	3.78	42	7093	2.79	ng	#	98
6) bis(2-Chloroethyl)ether	7.59	93	13842	3.85	ng	#	33
9) Naphthalene	11.01	128	47402	3.34	ng	#	94
10) Hexachlorobutadiene	11.30	225	6324	3.08	ng		98
11) 2-Methylnaphthalene	12.63	142	32421	3.66	ng		93
15) Acenaphthylene	14.54	152	212848	3.72	ng		99
16) Acenaphthene	14.88	154	31546	3.43	ng		96
17) Fluorene	15.88	166	41849	3.77	ng		99
19) Hexachlorobenzene	16.89	284	10483	3.21	ng	#	100
20) Pentachlorophenol	17.21	266	9408	9.23	ng	#	82
21) Phenanthrene	17.61	178	68412	3.22	ng		100
22) Anthracene	17.70	178	66550	3.46	ng		99
23) Fluoranthene	19.61	202	332281	3.93	ng		99
25) Pyrene	19.99	202	359359	3.64	ng		100
27) Benzo(a)anthracene	21.70	228	427191	4.26	ng	#	68
28) Chrysene	21.70	228	427191	4.61	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.64	149	44588	2.78	ng	#	93
30) Indeno(1,2,3-cd)pyrene	26.62	276	403204	4.04	ng		99
32) Benzo(b)fluoranthene	23.39	252	97619	4.15	ng	#	96
33) Benzo(k)fluoranthene	23.44	252	86579	3.65	ng	#	96
34) Benzo(a)pyrene	24.02	252	85871	3.87	ng	#	94
35) Dibenzo(a,h)anthracene	26.65	278	84266	4.09	ng	#	92
36) Benzo(g,h,i)perylene	27.40	276	344367	3.88	ng		95

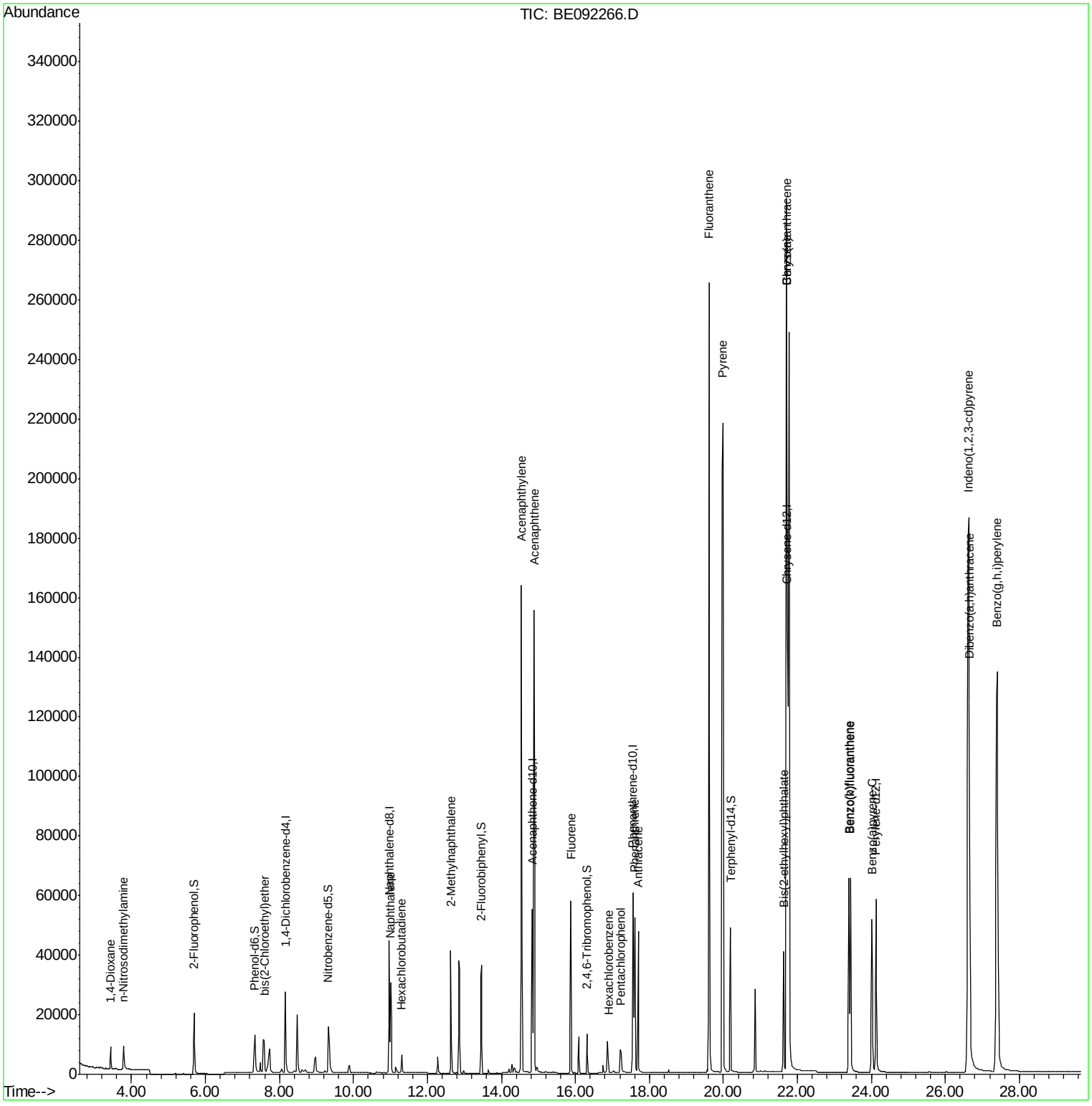
(#) = qualifier out of range (m) = manual integration (+) = signals summed

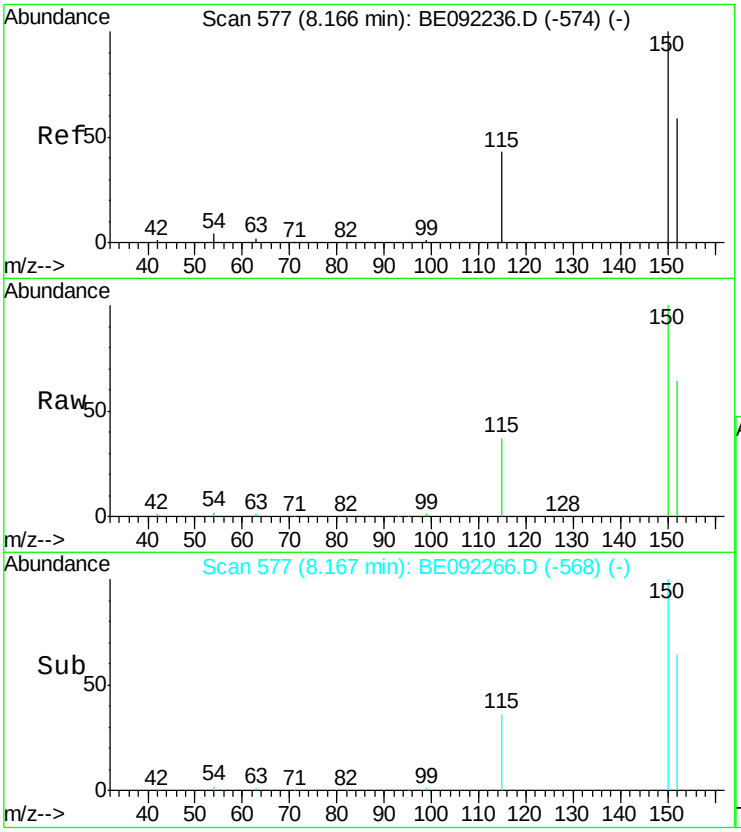
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
Data File : BE092266.D
Acq On : 11 Aug 2016 14:37
Operator : UM/SJ
Sample : H4221-22MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Quant Time: Aug 11 16:22:51 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration



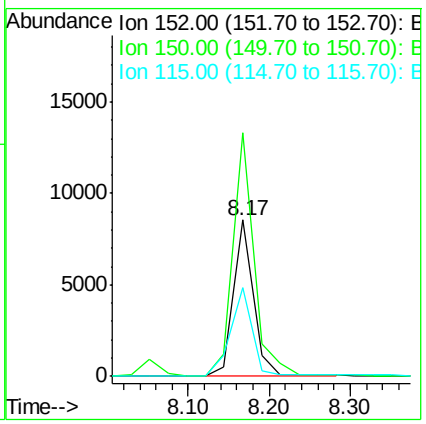


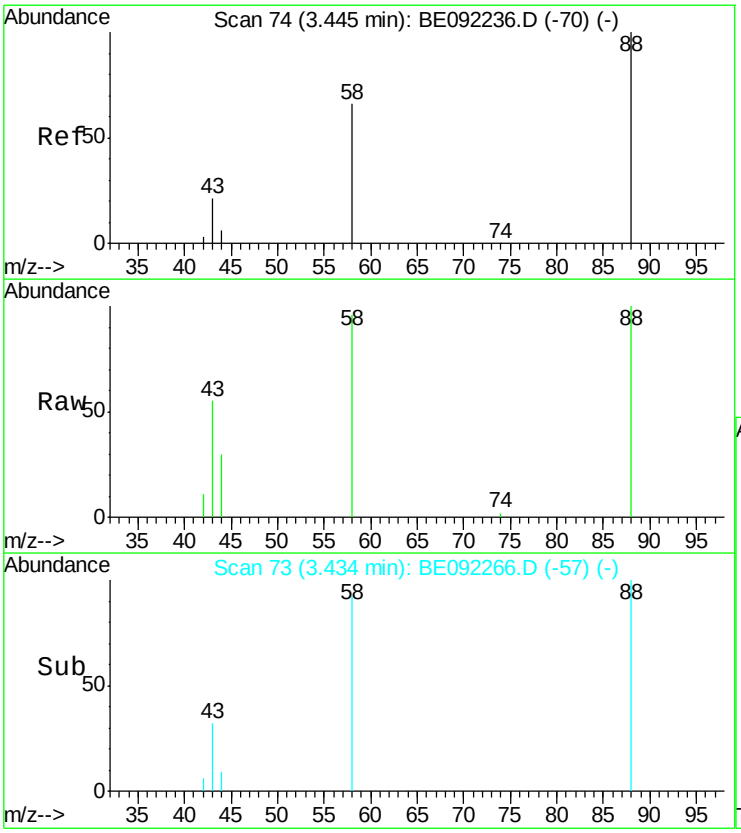
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:152 Resp: 14106

Ion	Ratio	Lower	Upper
152	100		
150	155.8	135.6	203.4
115	57.0	59.4	89.0#

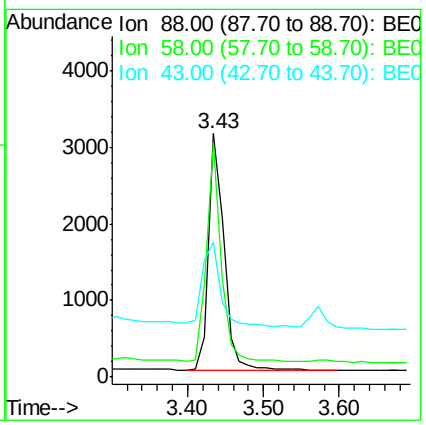


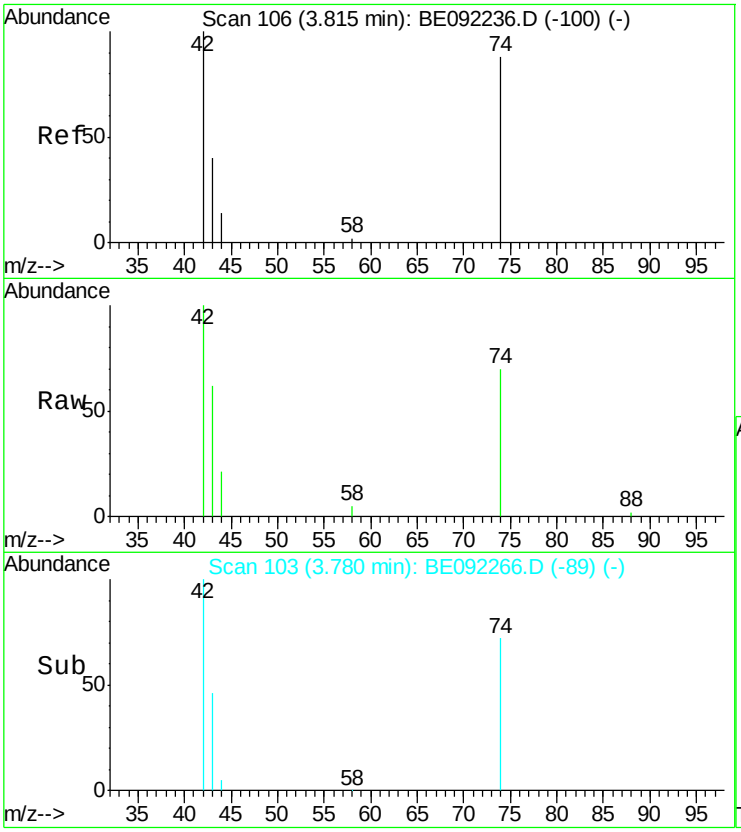


#2
1,4-Dioxane
Concen: 2.68 ng
RT: 3.43 min Scan# 73
Delta R.T. -0.01 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion: 88 Resp: 4300

Ion	Ratio	Lower	Upper
88	100		
58	86.3	64.4	96.6
43	41.7	33.4	50.2



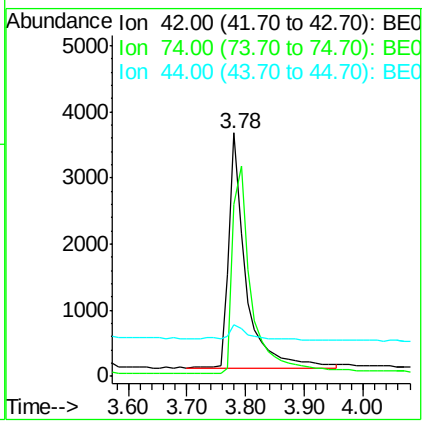


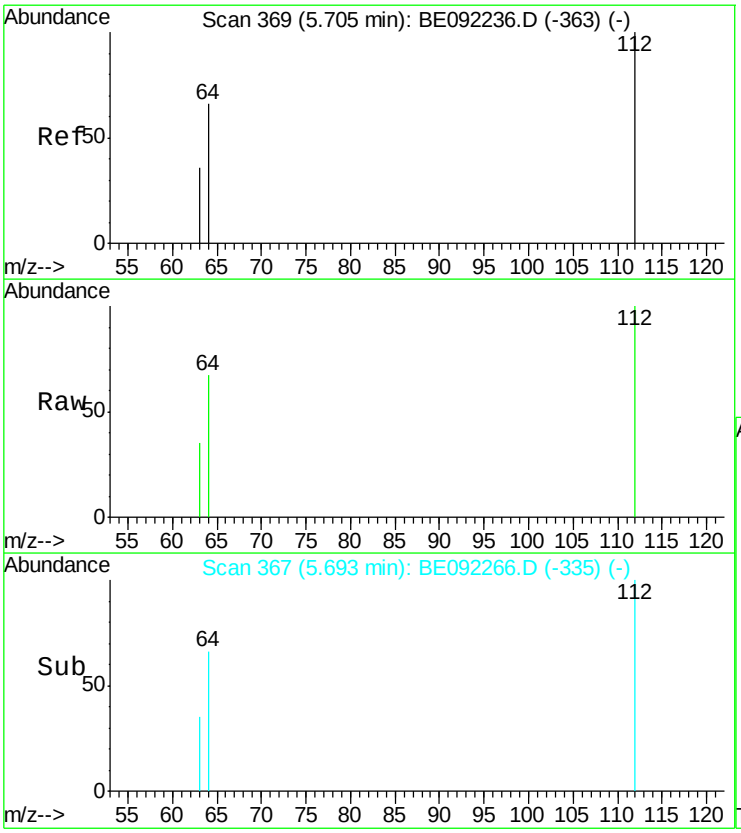
#3
n-Nitrosodimethylamine
Concen: 2.79 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.03 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 42 Resp: 7093

Ion	Ratio	Lower	Upper
42	100		
74	98.2	77.2	115.8
44	8.0	5.0	7.4#

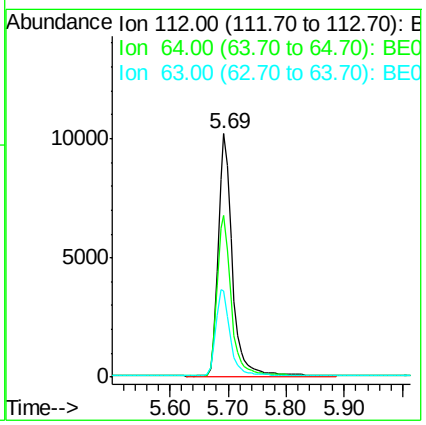


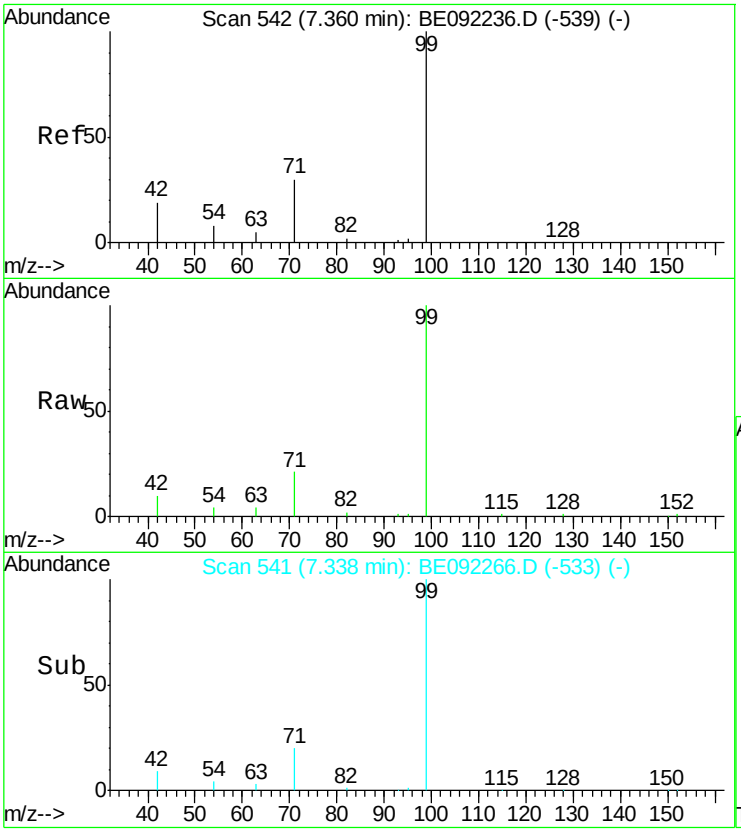


#4
2-Fluorophenol
Concen: 5.53 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:112 Resp: 17047

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.2	79.8
63	36.4	27.4	41.2



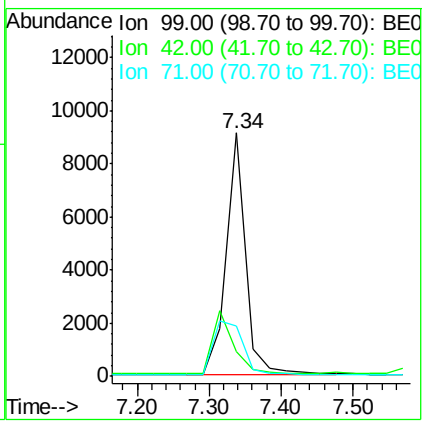


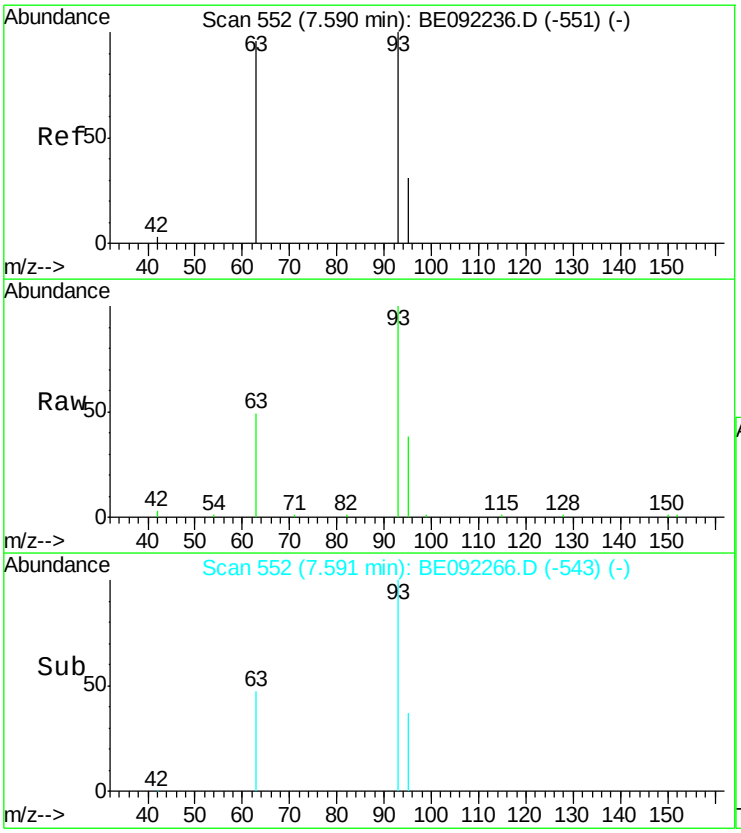
#5
Phenol-d6
Concen: 3.89 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 99 Resp: 17245

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	29.8	44.8#

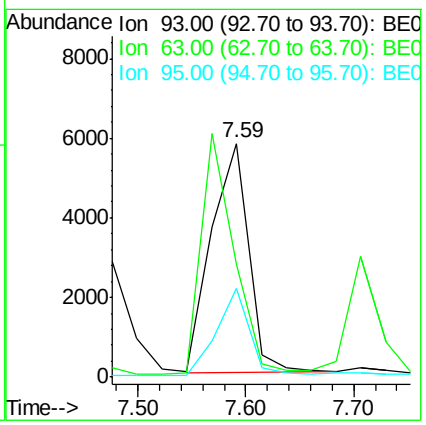


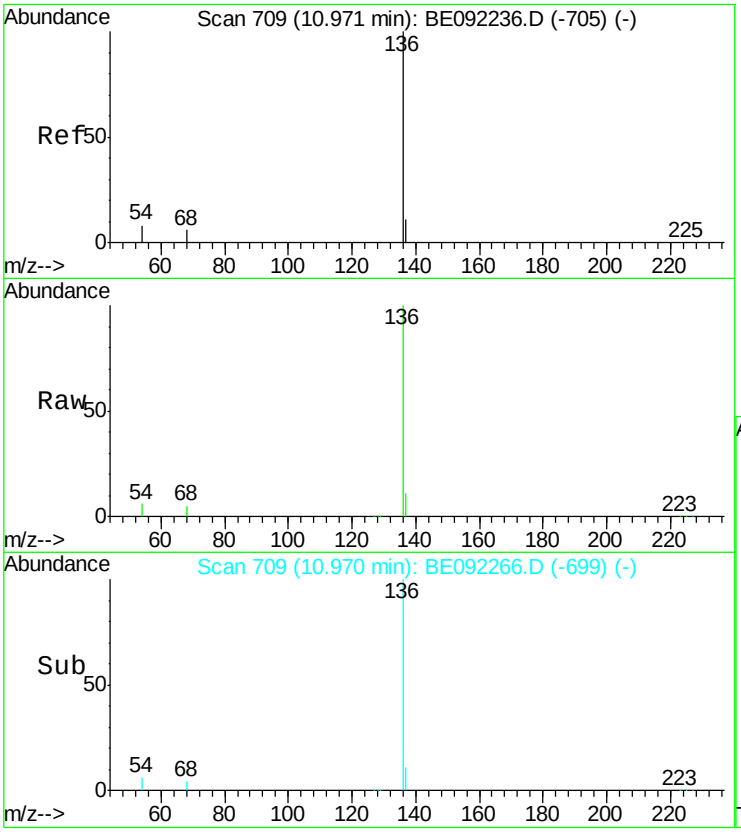


#6
bis(2-Chloroethyl)ether
Concen: 3.85 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion: 93 Resp: 13842

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	33.1	27.2	40.8



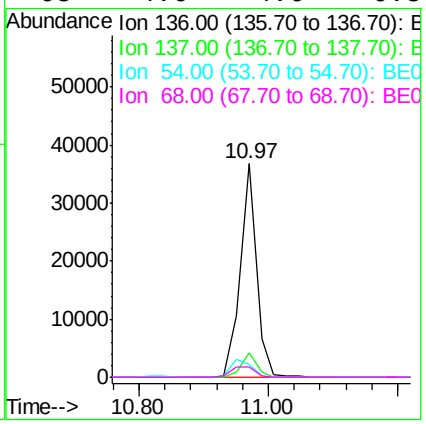


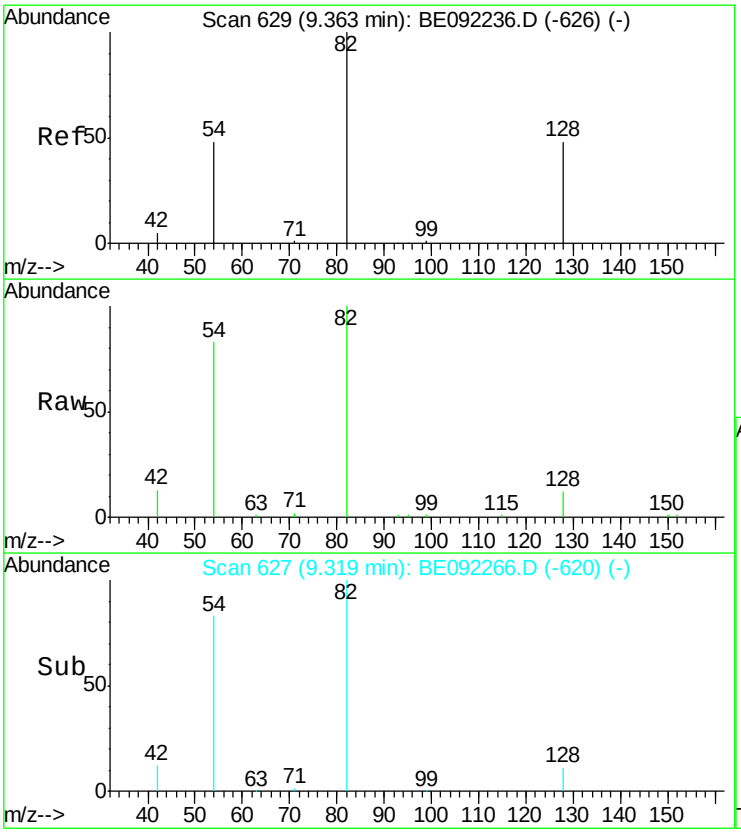
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:136 Resp: 63320

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.1	6.2	9.4#
68	4.6	4.6	6.8

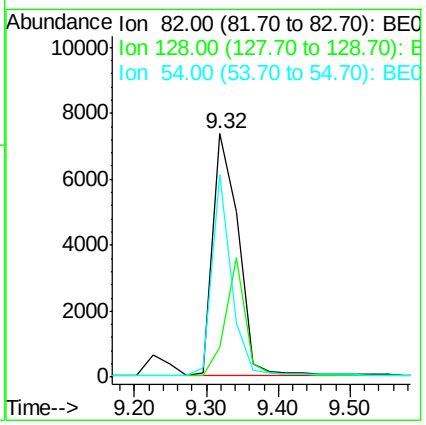


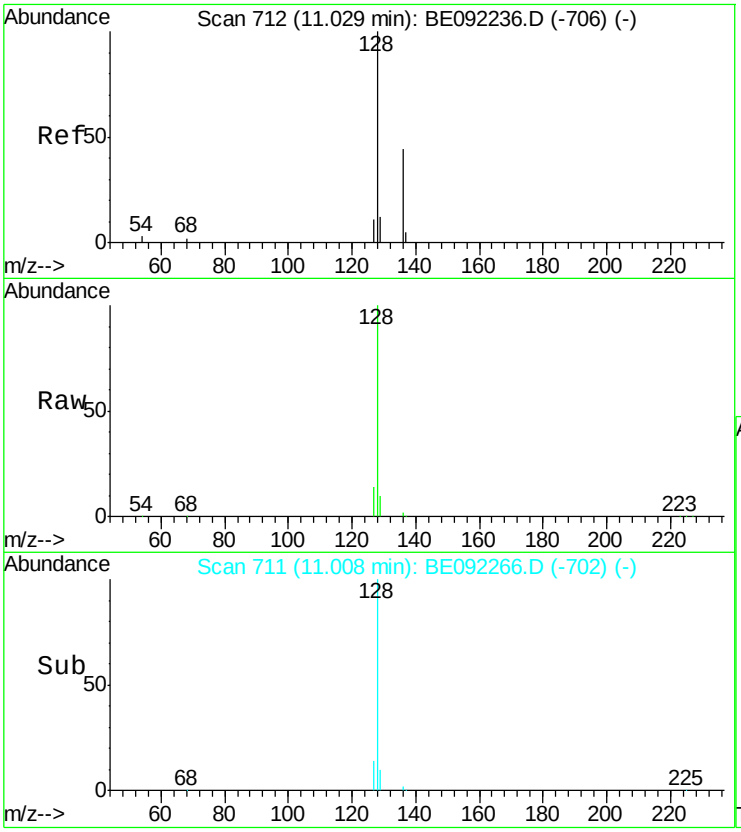


#8
Nitrobenzene-d5
Concen: 4.03 ng
RT: 9.32 min Scan# 627
Delta R.T. -0.04 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion: 82 Resp: 17995

Ion	Ratio	Lower	Upper
82	100		
128	12.1	45.0	67.4#
54	83.1	45.4	68.2#



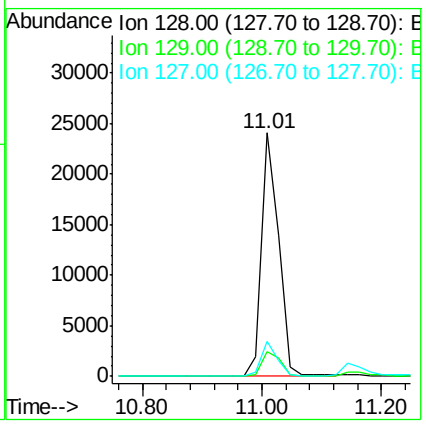


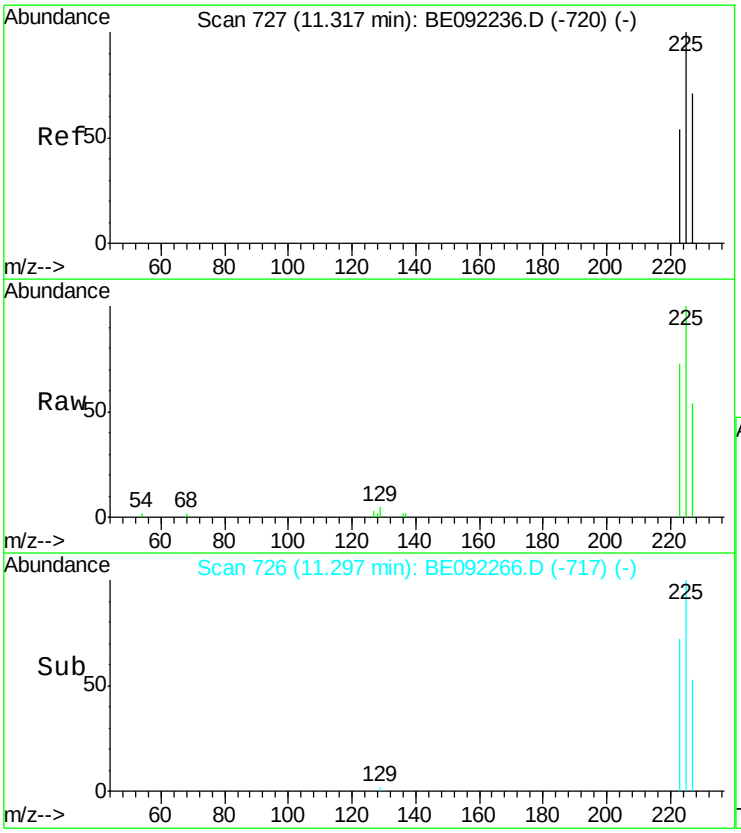
#9
Naphthalene
Concen: 3.34 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:128 Resp: 47402

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.5	17.3#
127	14.3	11.0	16.6

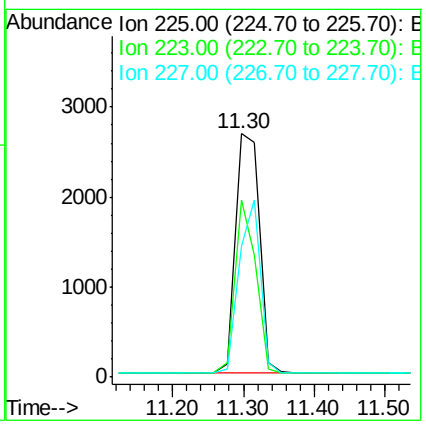


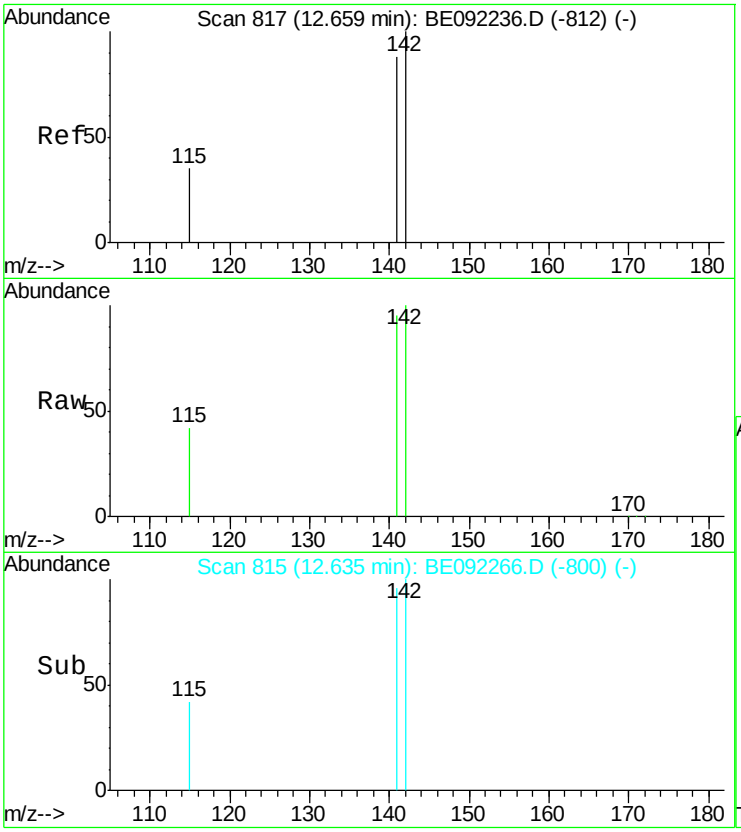


#10
Hexachlorobutadiene
Concen: 3.08 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:225 Resp: 6324

Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.2	78.4
227	64.1	51.0	76.6



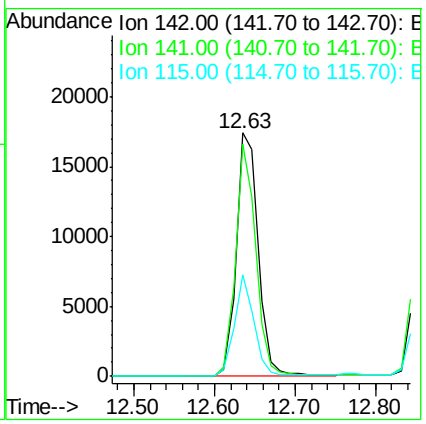


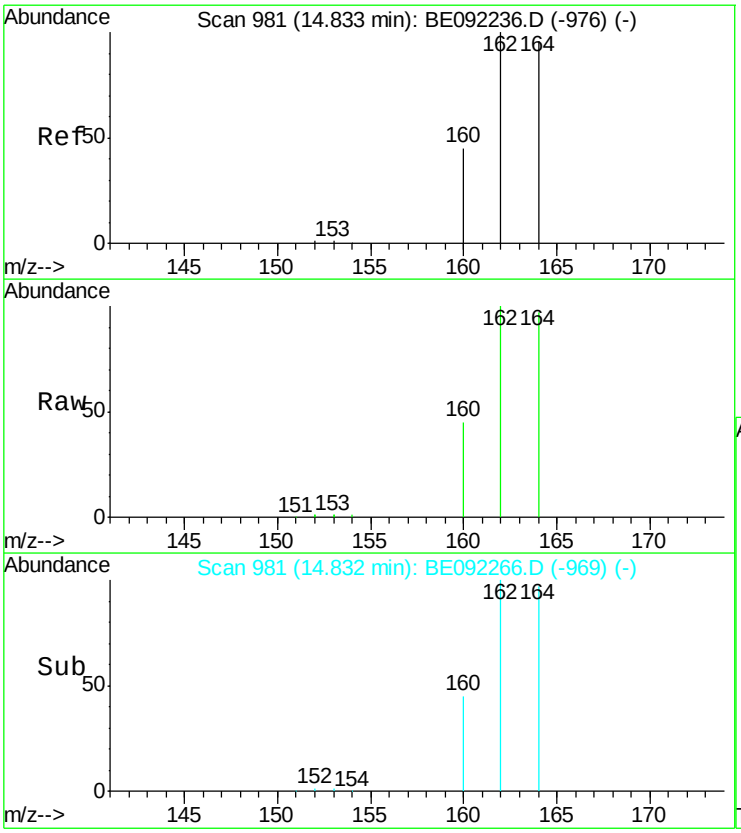
#11
2-Methylnaphthalene
Concen: 3.66 ng
RT: 12.63 min Scan# 815
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:142 Resp: 32421

Ion	Ratio	Lower	Upper
142	100		
141	95.5	70.6	105.8
115	41.7	31.0	46.4

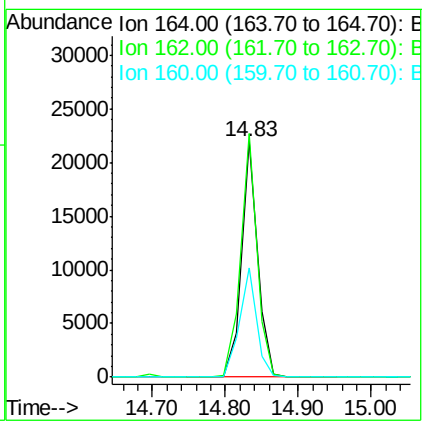


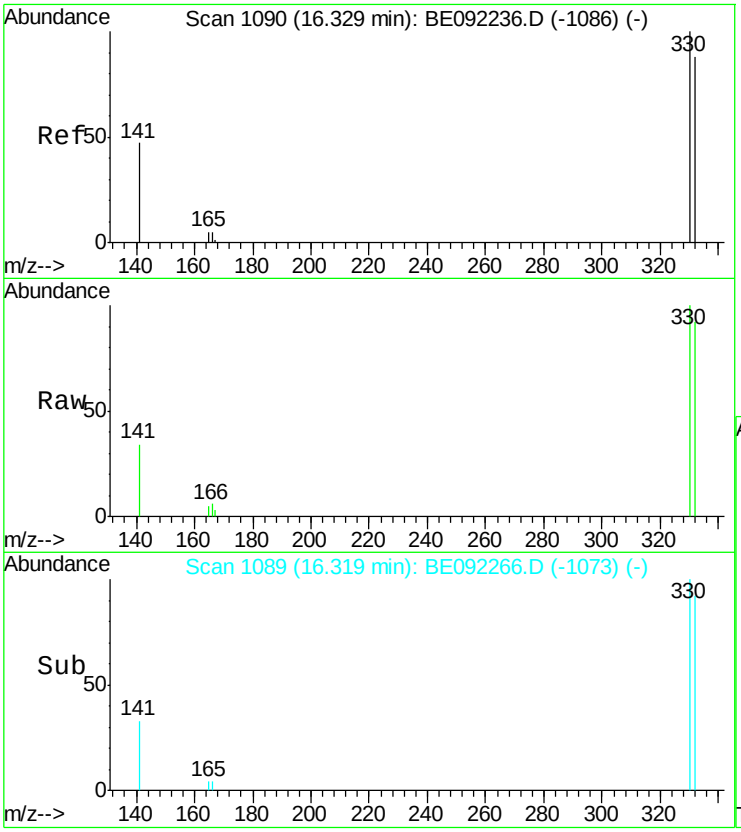


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:164 Resp: 33096

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.3	124.9
160	46.4	38.0	57.0



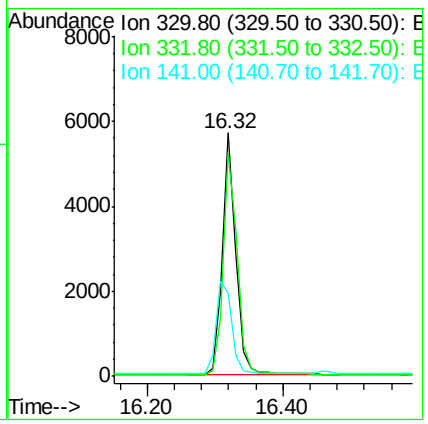


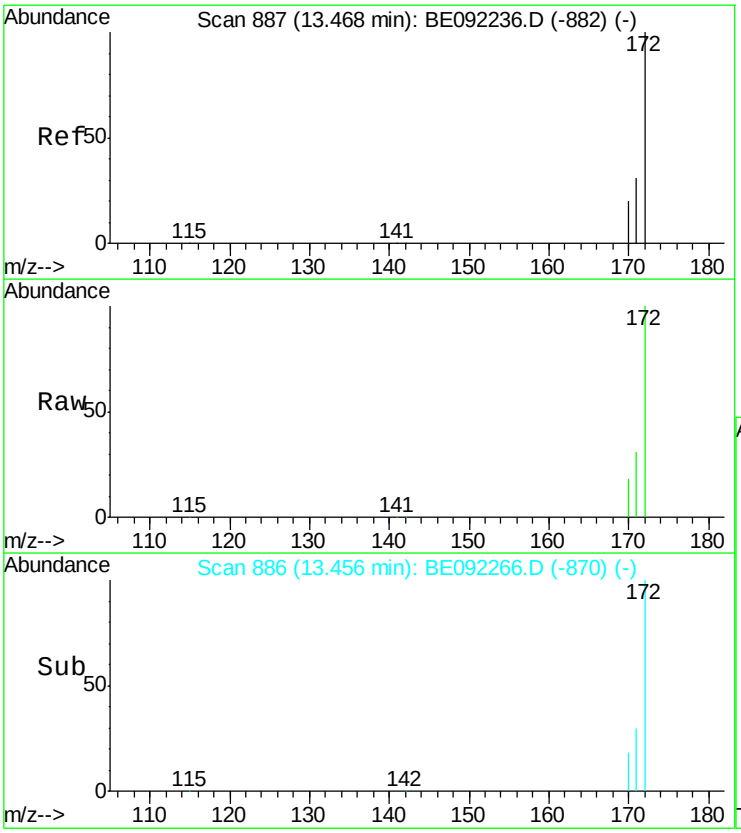
#13
2,4,6-Tribromophenol
Concen: 6.26 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:330 Resp: 8021

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	45.7	37.7	56.5

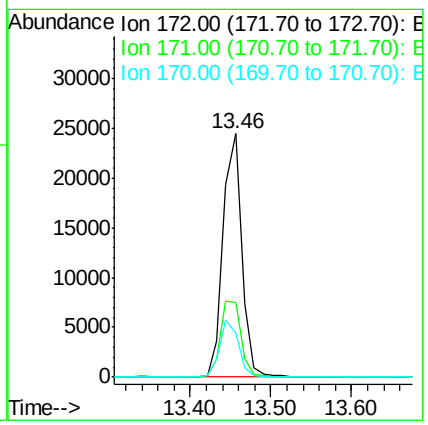


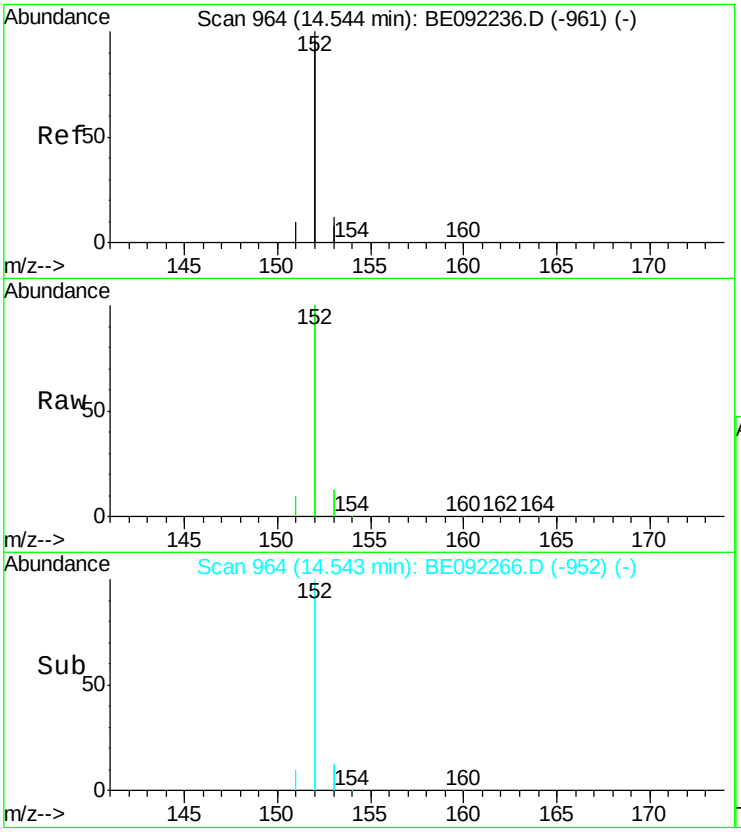


#14
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:172 Resp: 39127

Ion	Ratio	Lower	Upper
172	100		
171	30.6	26.8	40.2
170	18.2	17.8	26.6



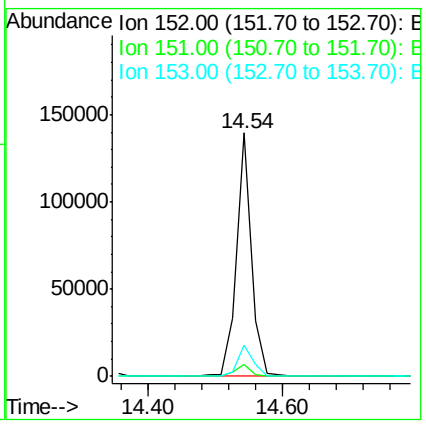


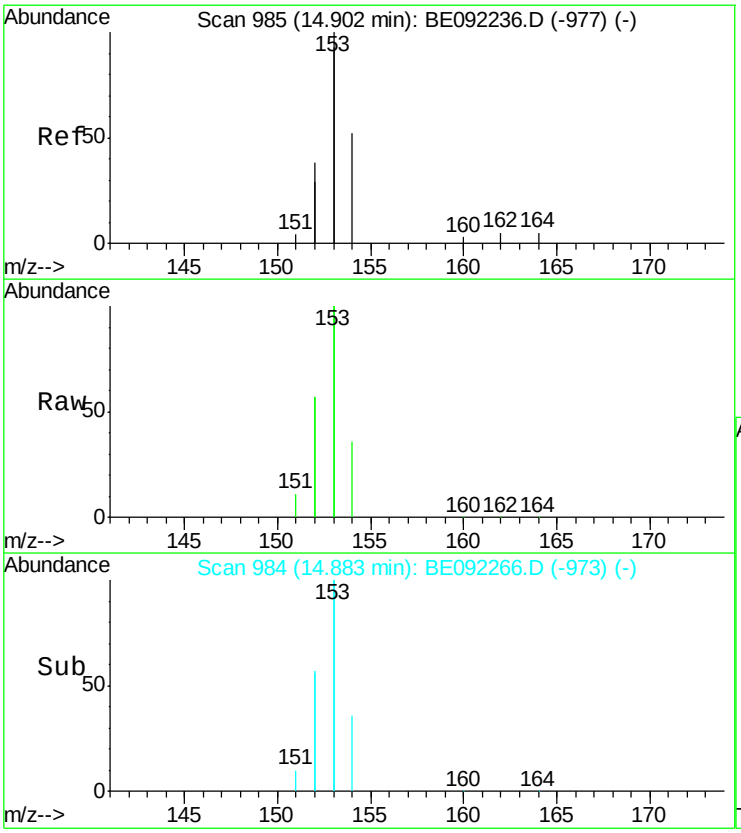
#15
Acenaphthylene
Concen: 3.72 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:152 Resp: 212848

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.0	10.2	15.2

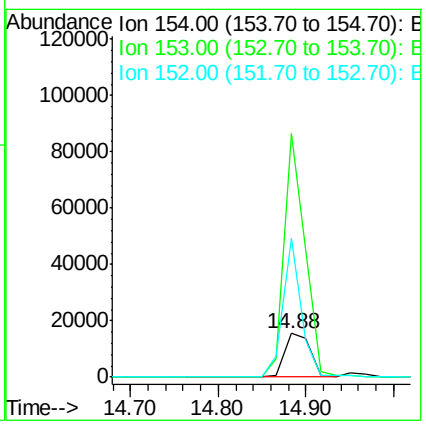


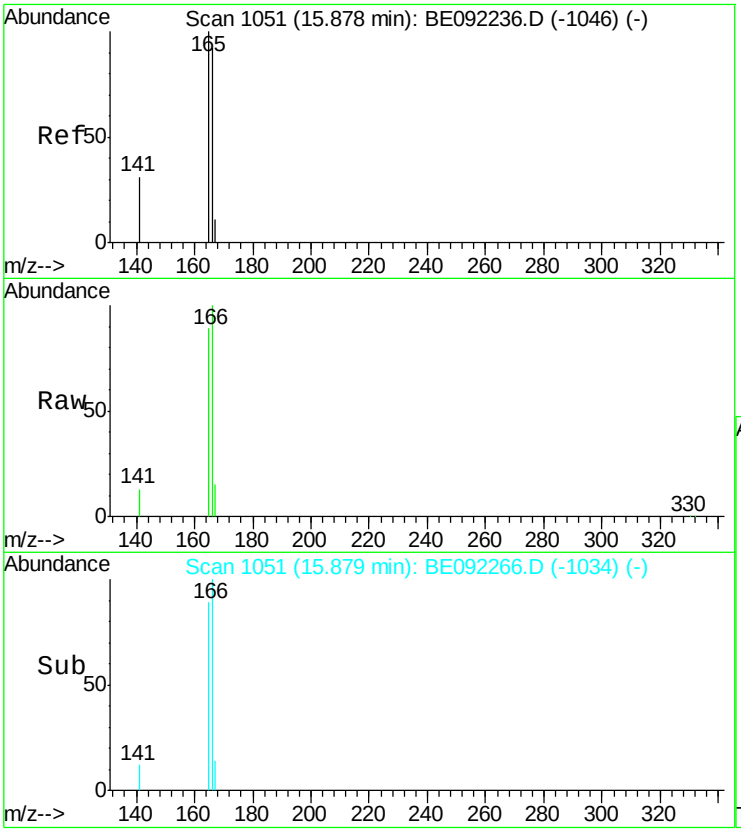


#16
Acenaphthene
Concen: 3.43 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:154 Resp: 31546

Ion	Ratio	Lower	Upper
154	100		
153	455.1	355.0	532.4
152	228.6	179.7	269.5



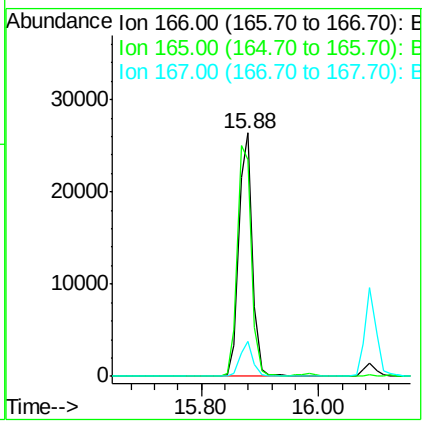


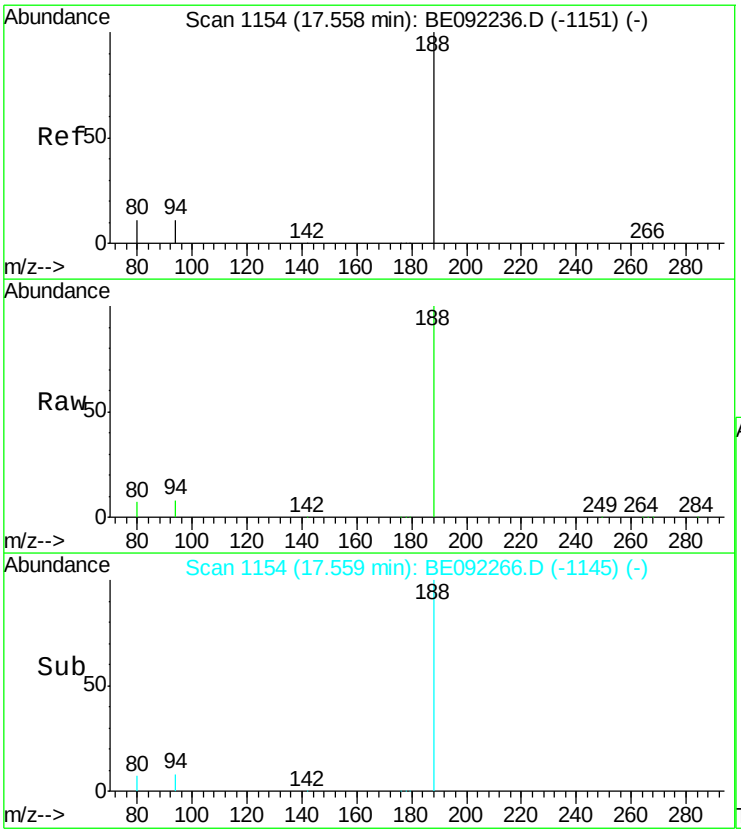
#17
Fluorene
Concen: 3.77 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:166 Resp: 41849

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.1	120.1
167	13.4	10.6	16.0

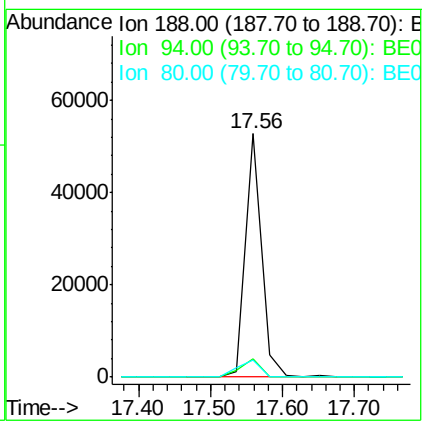


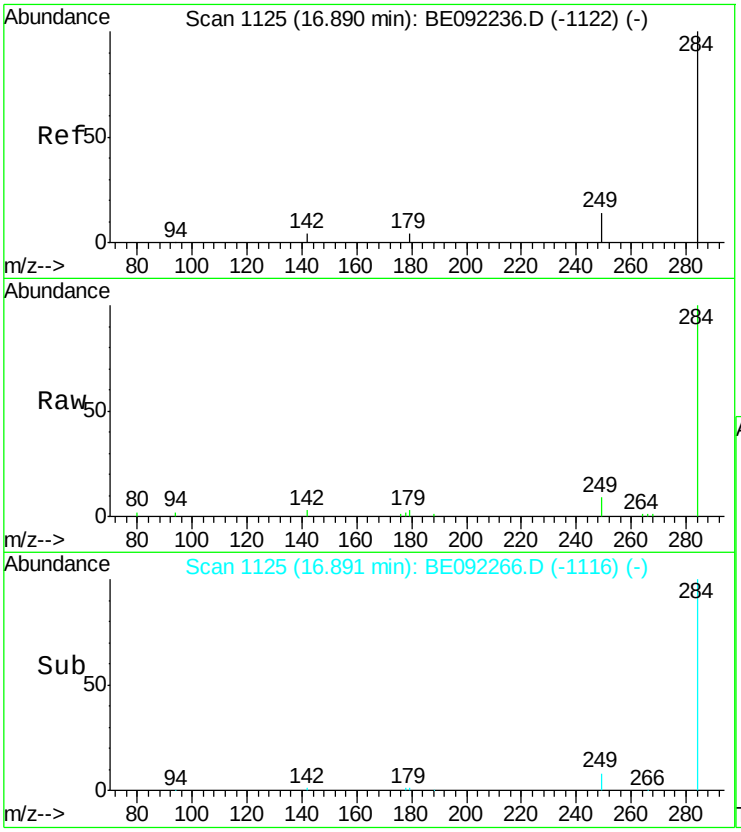


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:188 Resp: 82239

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.2	13.8#
80	6.8	9.1	13.7#



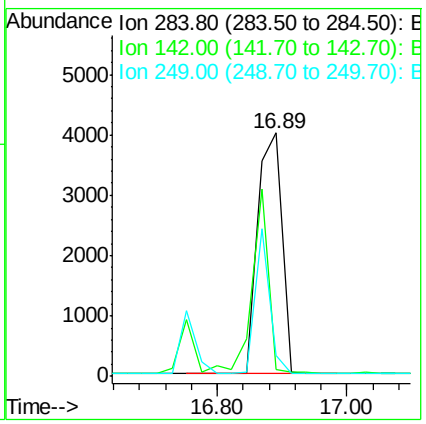


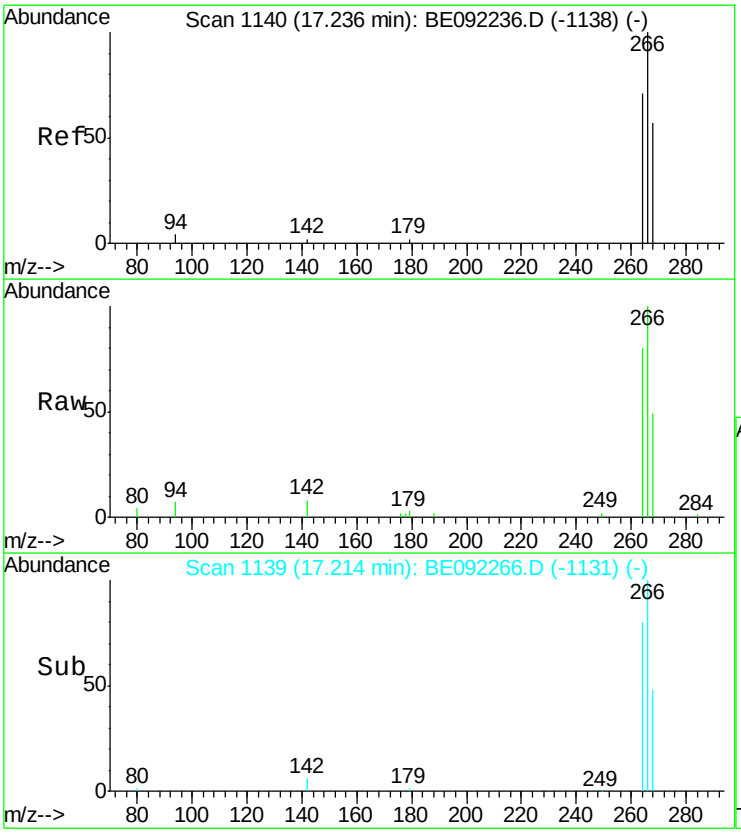
#19
Hexachlorobenzene
Concen: 3.21 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:284 Resp: 10483

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

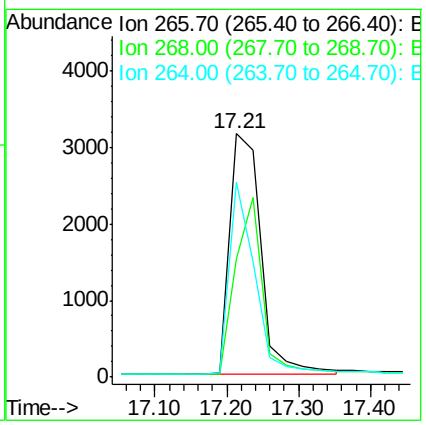


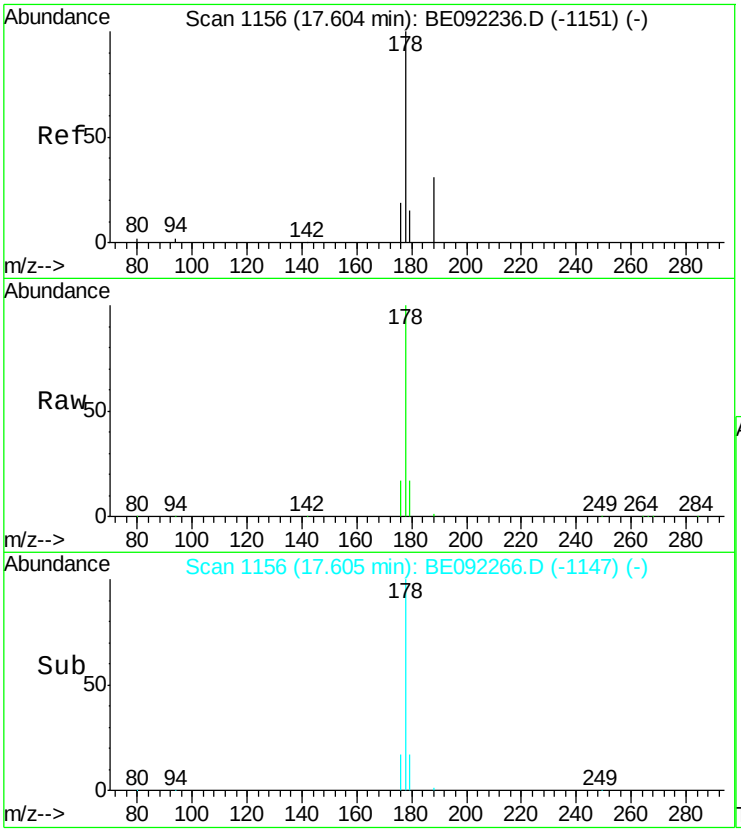


#20
Pentachlorophenol
Concen: 9.23 ng
RT: 17.21 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:266 Resp: 9408

Ion	Ratio	Lower	Upper
266	100		
268	48.6	62.3	93.5#
264	80.3	67.4	101.0



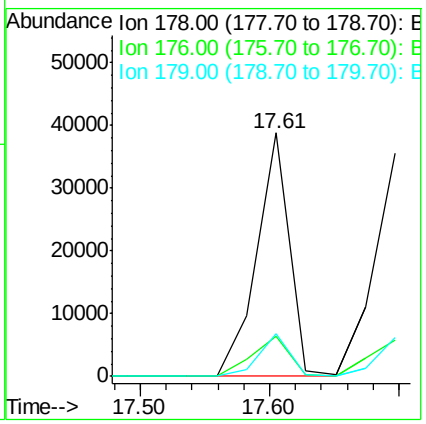


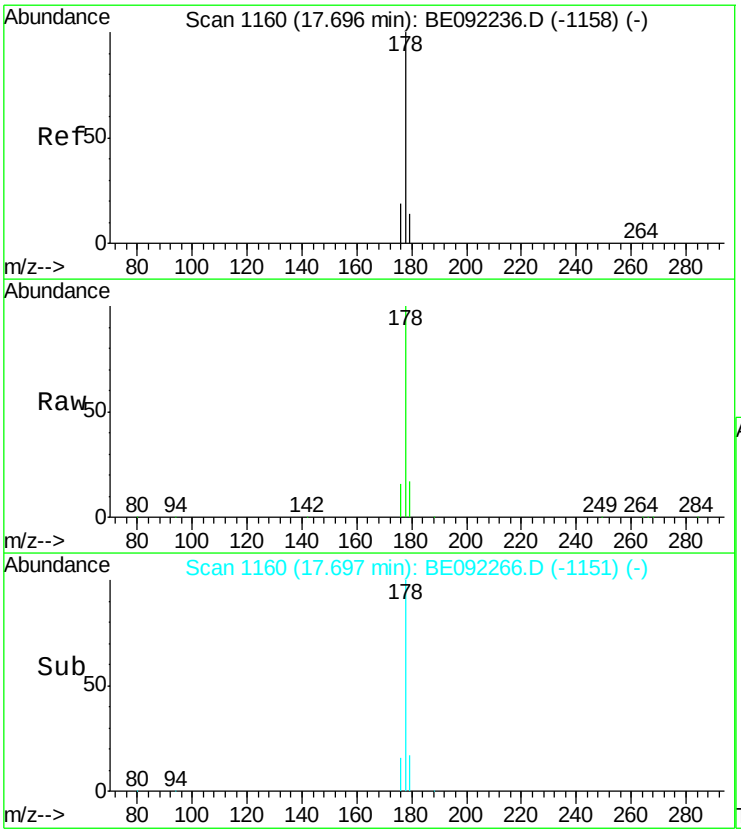
#21
Phenanthrene
Concen: 3.22 ng
RT: 17.61 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:178 Resp: 68412

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.2	12.9	19.3

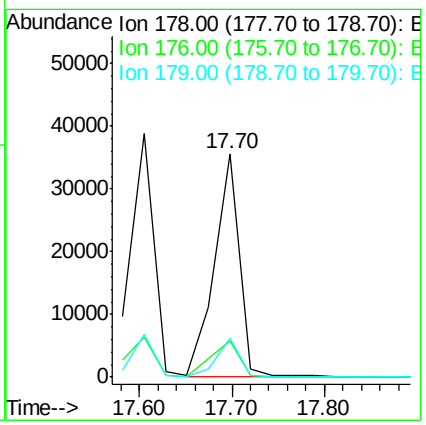


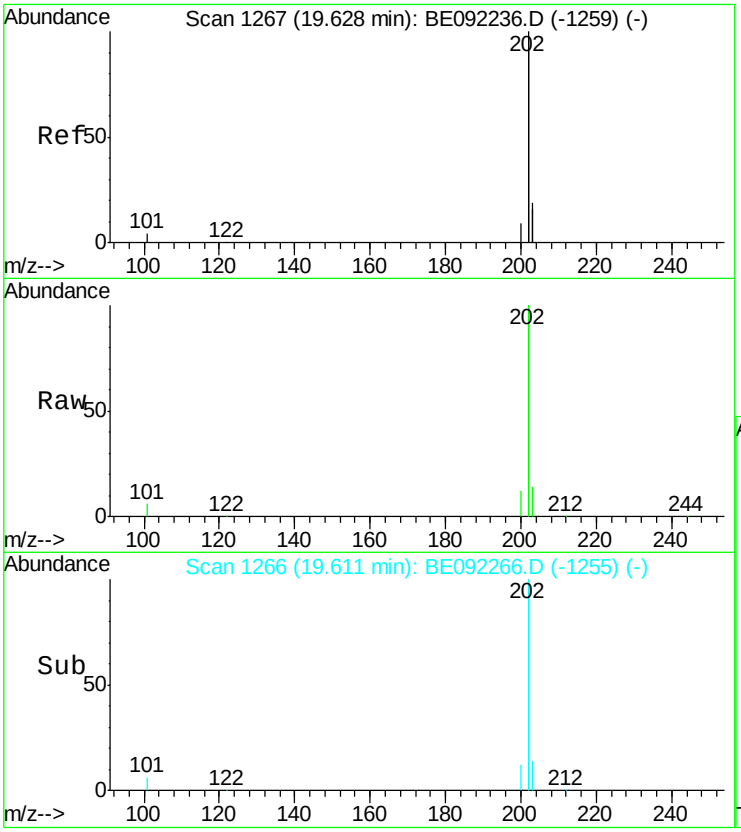


#22
Anthracene
Concen: 3.46 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:178 Resp: 66550

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.9	12.0	18.0



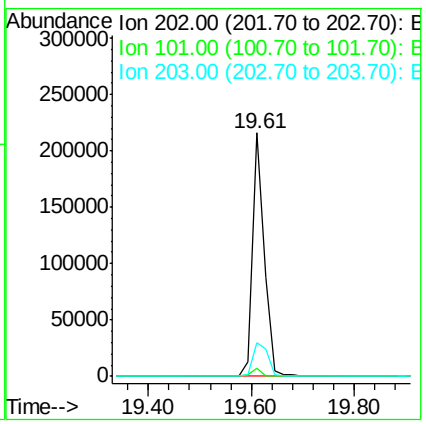


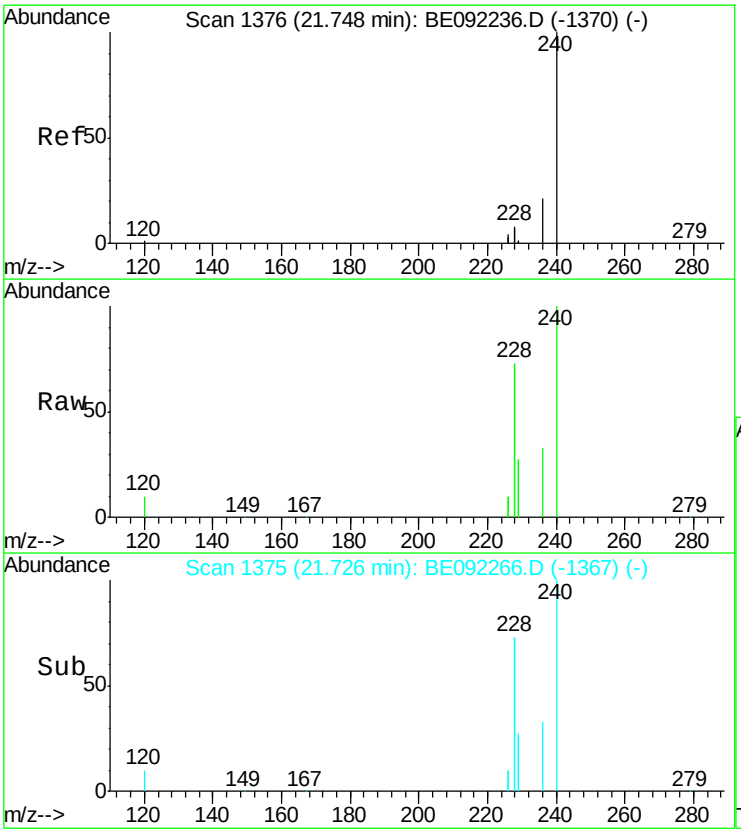
#23
Fluoranthene
Concen: 3.93 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:202 Resp: 332281

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.4	13.7	20.5

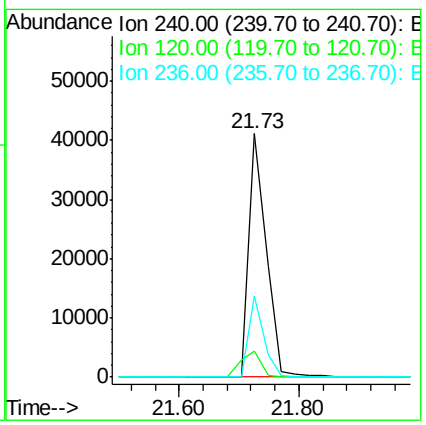


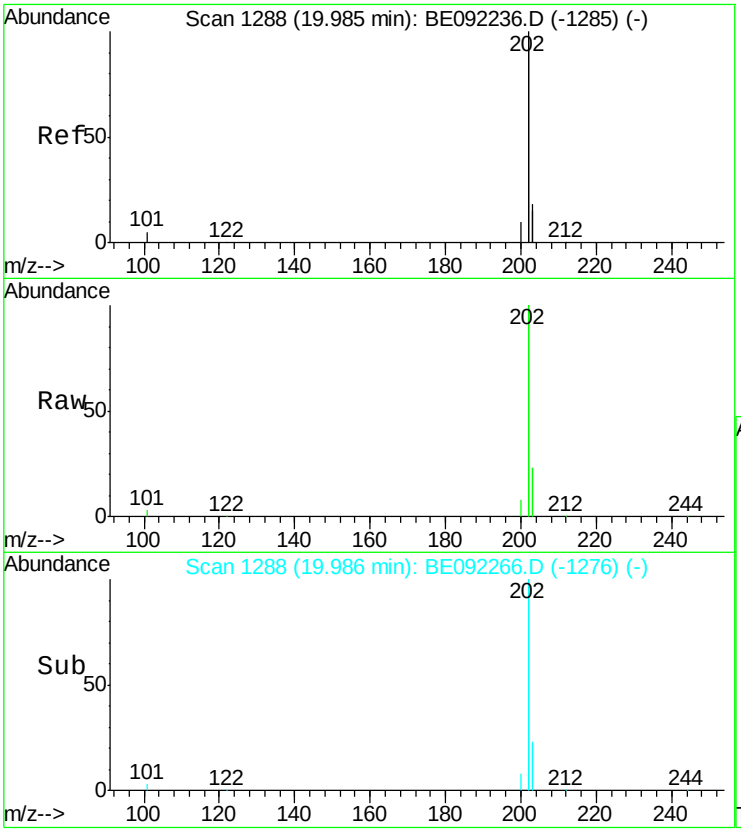


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:240 Resp: 83541

Ion	Ratio	Lower	Upper
240	100		
120	10.5	1.2	1.8#
236	33.4	17.1	25.7#



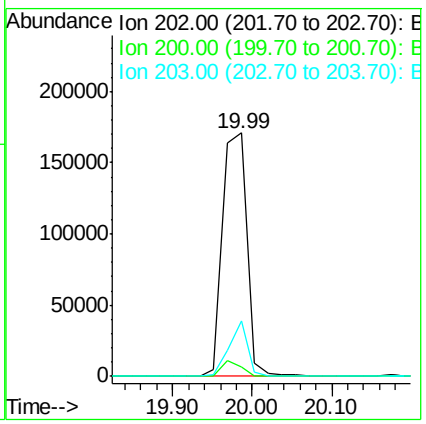


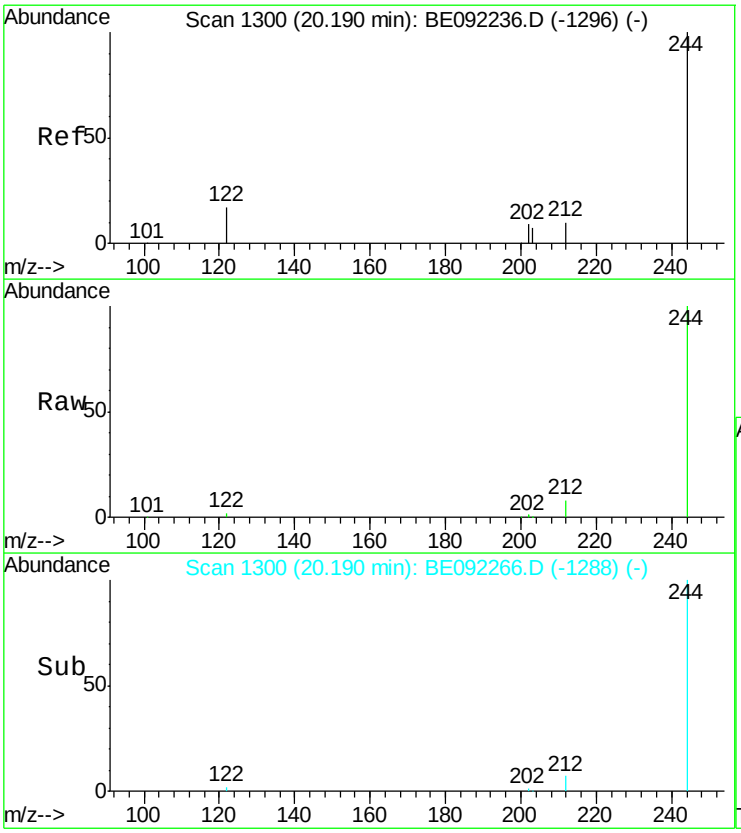
#25
Pyrene
Concen: 3.64 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:202 Resp: 359359

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.7	14.0	21.0

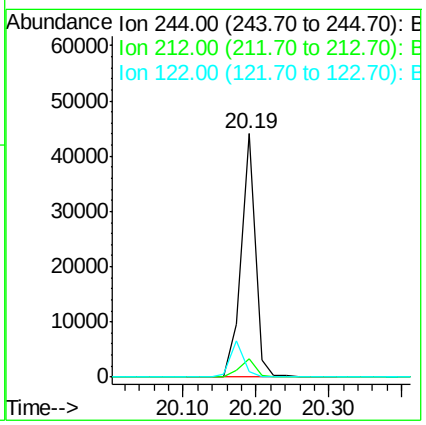


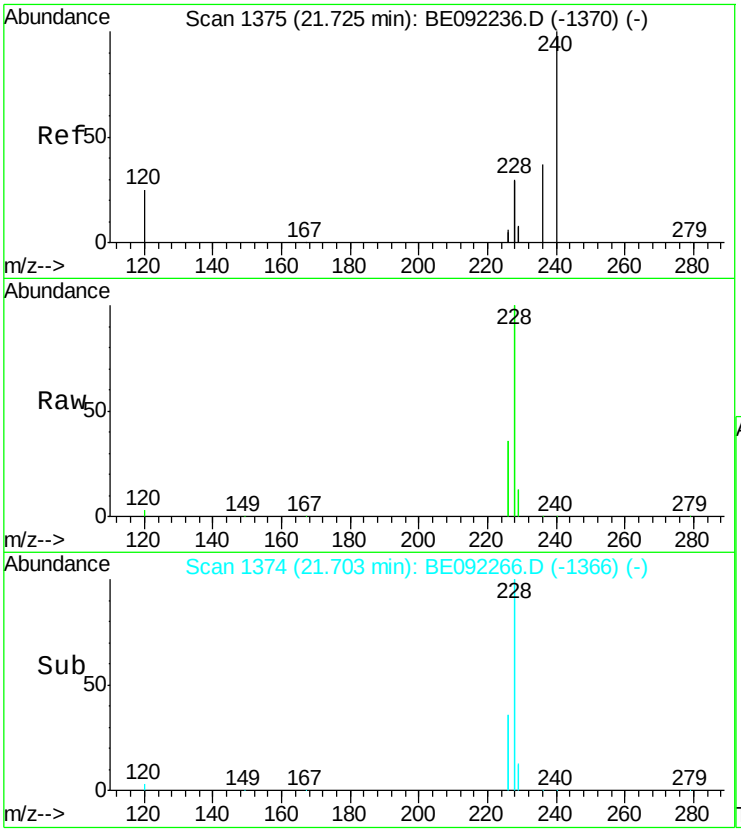


#26
Terphenyl-d14
Concen: 4.16 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:244 Resp: 58682

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.2	15.2#
122	2.3	15.9	23.9#



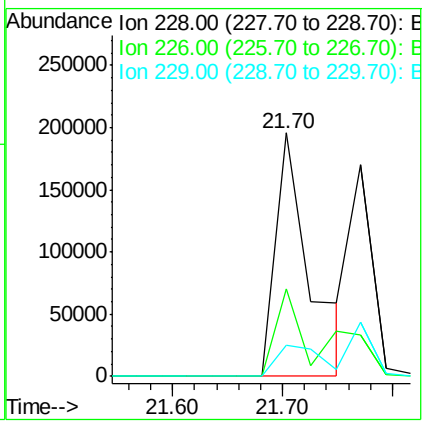


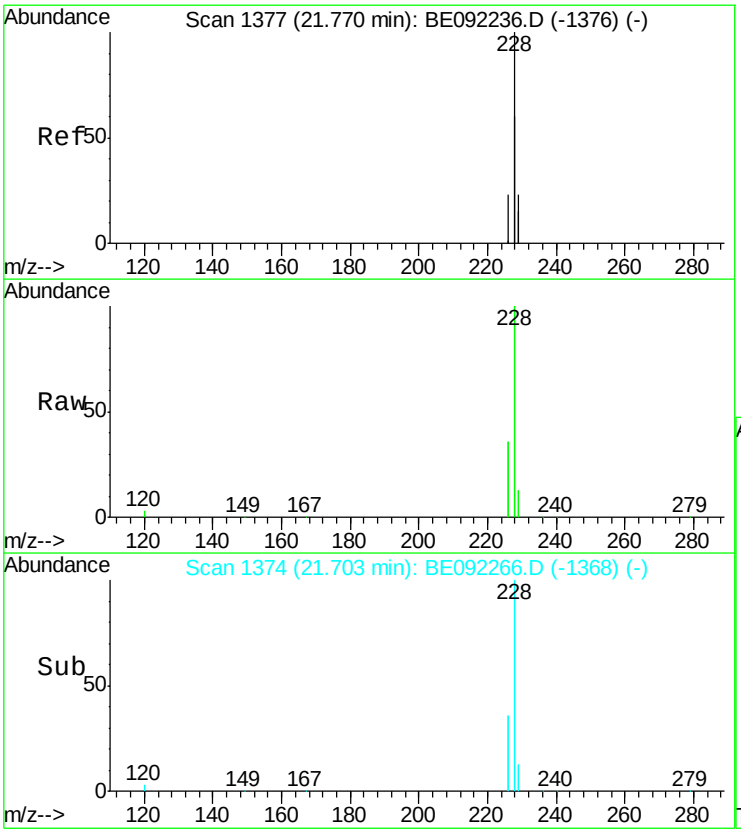
#27
Benzo(a)anthracene
Concen: 4.26 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:228 Resp: 427191

Ion	Ratio	Lower	Upper
228	100		
226	35.9	15.9	23.9#
229	12.6	22.4	33.6#

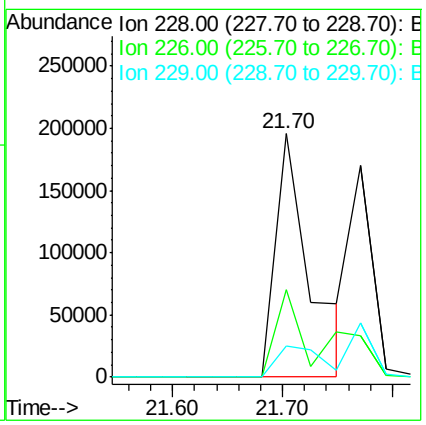


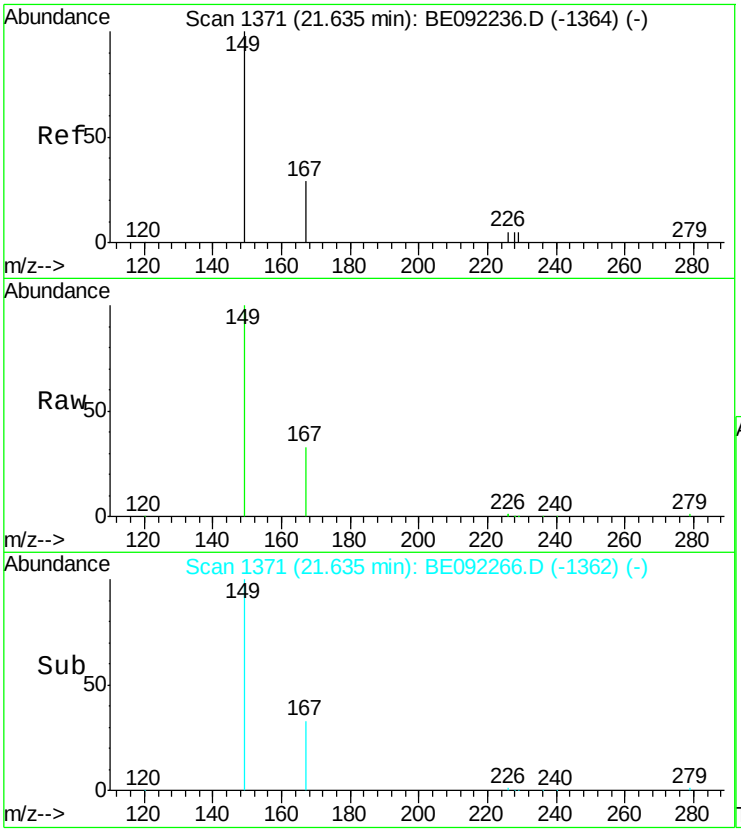


#28
Chrysene
Concen: 4.61 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:228 Resp: 427191

Ion	Ratio	Lower	Upper
228	100		
226	35.9	18.3	27.5#
229	12.6	18.6	27.8#



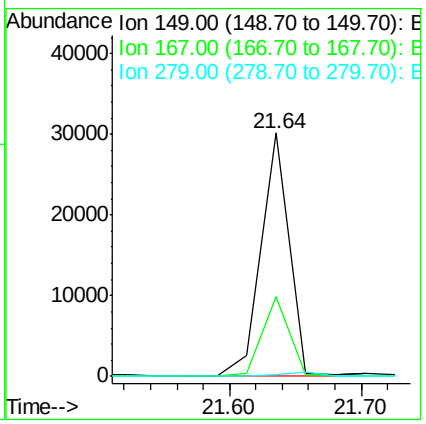


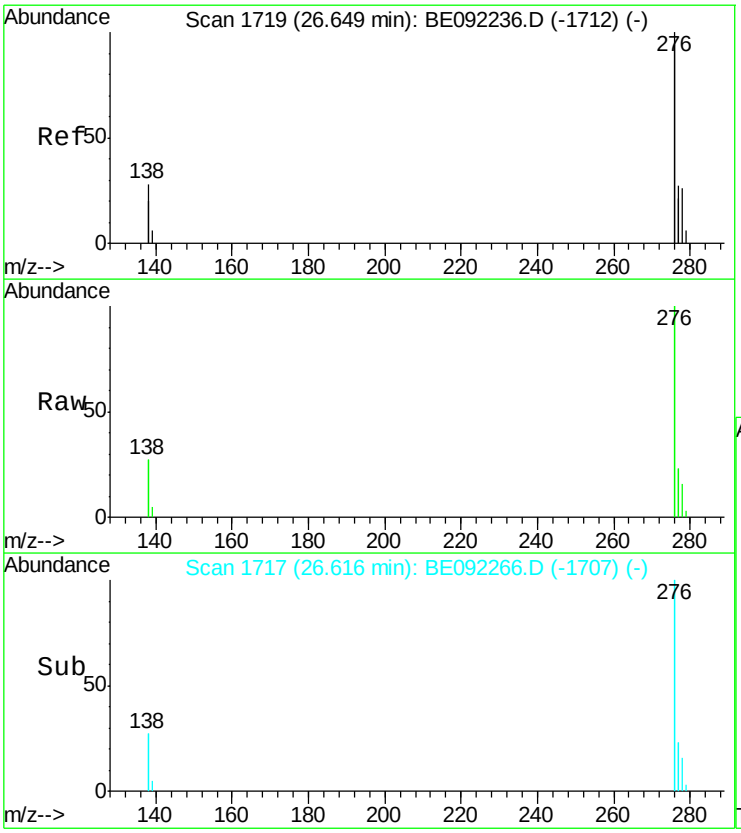
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:149 Resp: 44588

Ion	Ratio	Lower	Upper
149	100		
167	31.5	22.1	33.1
279	0.0	0.0	0.0

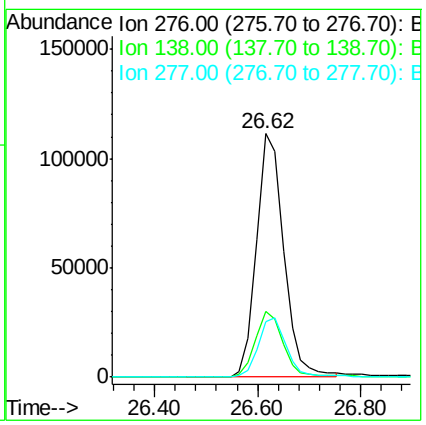


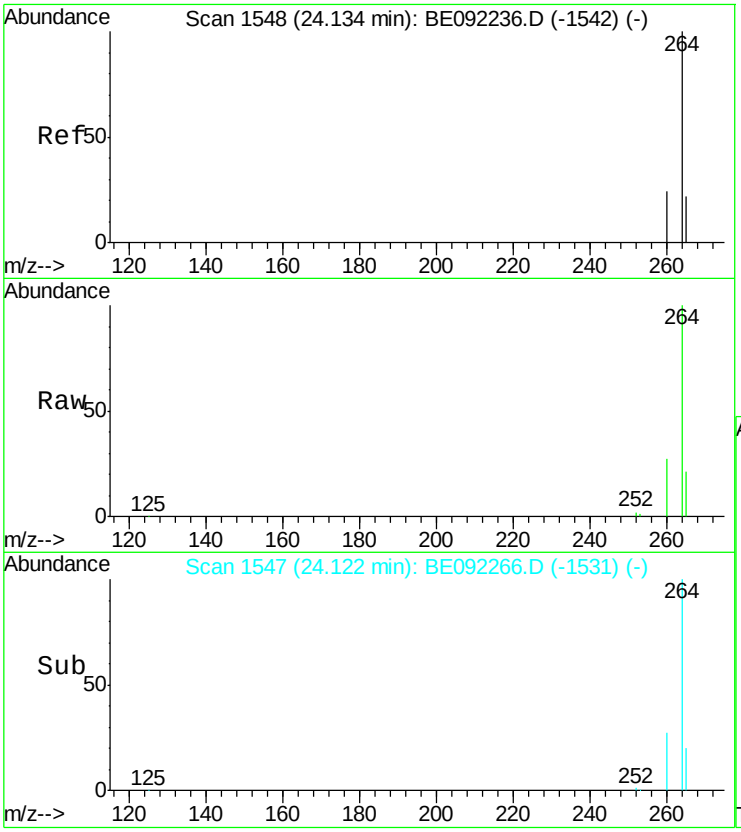


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.03 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:276 Resp: 403204

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.3	31.9
277	24.7	19.7	29.5



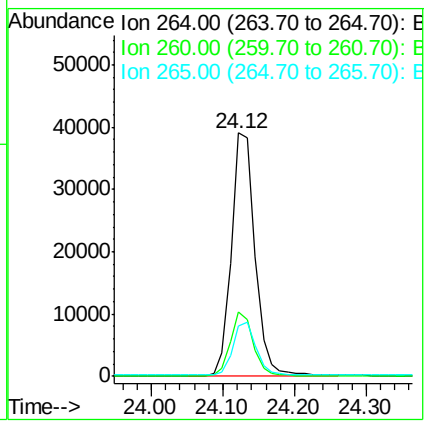


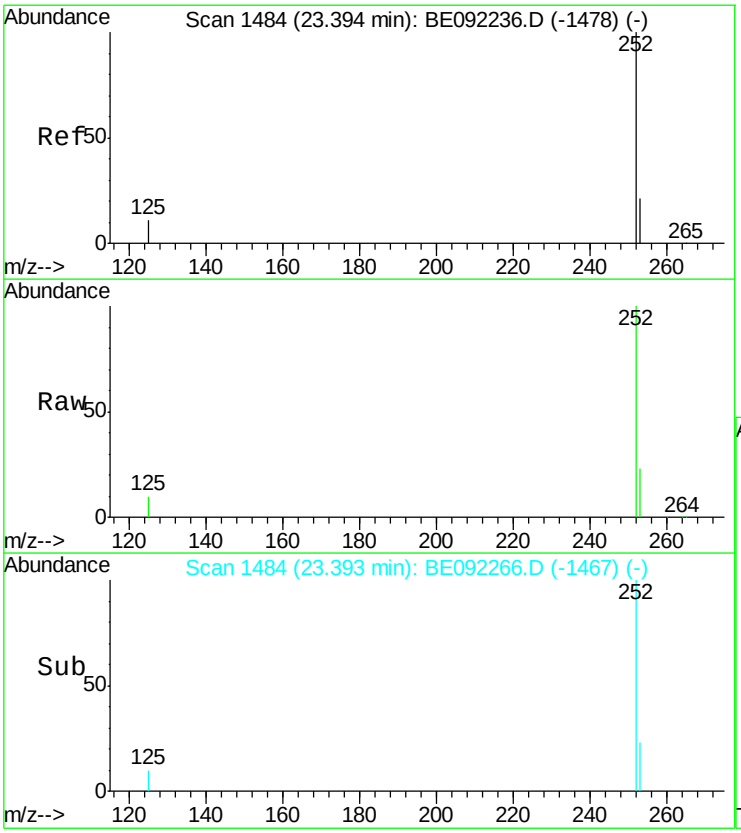
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:264 Resp: 89549

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.5	29.3
265	20.8	18.2	27.4

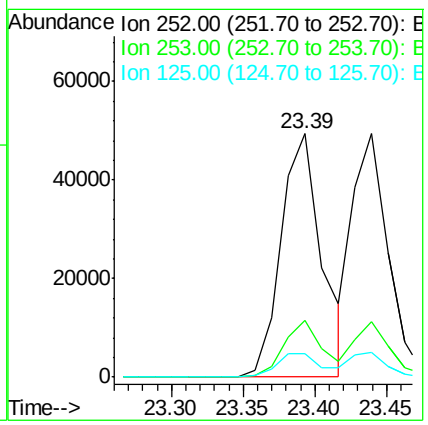


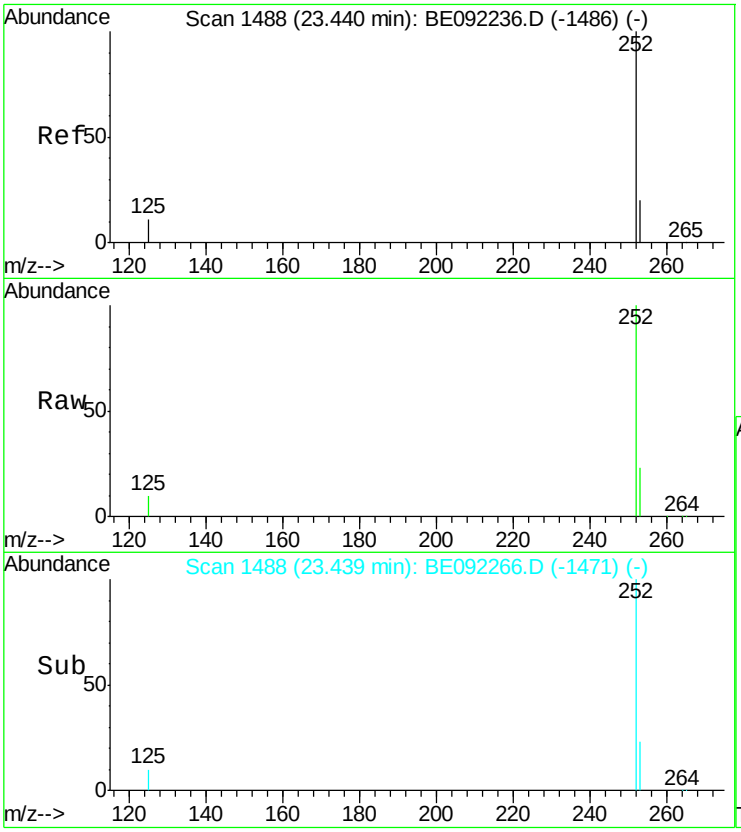


#32
Benzo(b)fluoranthene
Concen: 4.15 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:252 Resp: 97619

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	9.7	10.3	15.5#



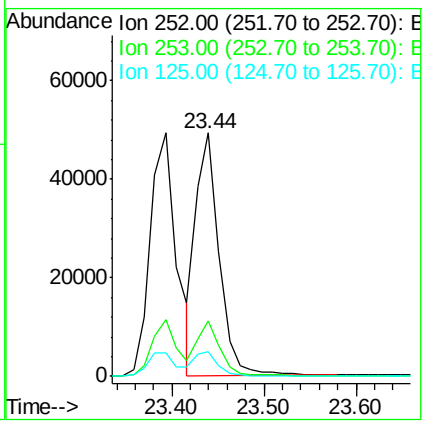


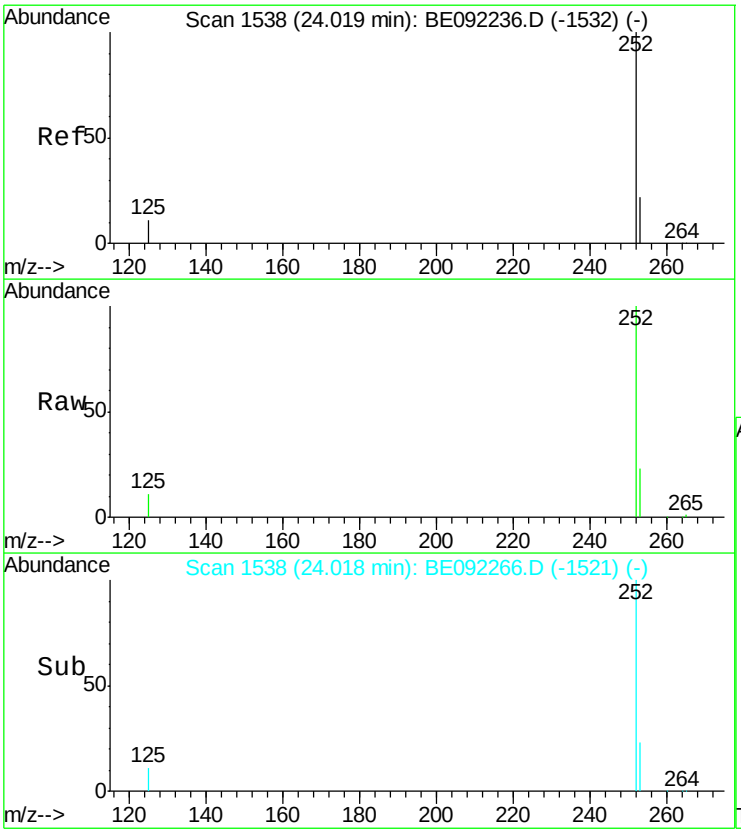
#33
Benzo(k)fluoranthene
Concen: 3.65 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:252 Resp: 86579

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	10.0	10.6	15.8#

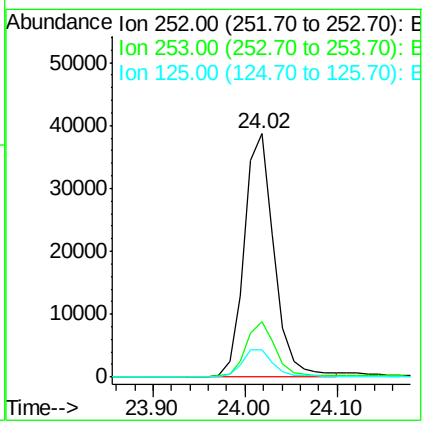


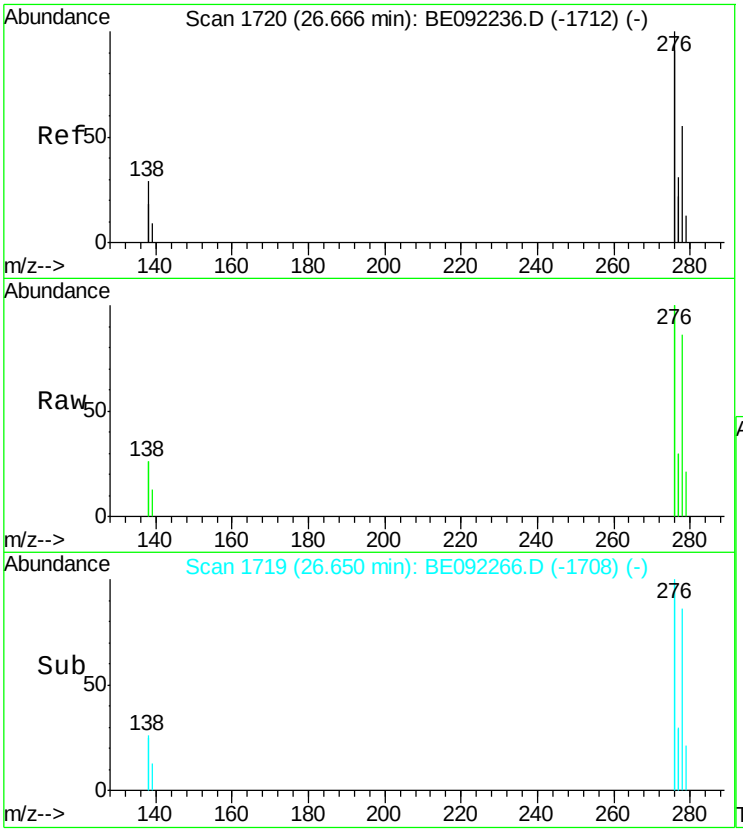


#34
Benzo(a)pyrene
Concen: 3.87 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:252 Resp: 85871

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	11.0	11.8	17.6#



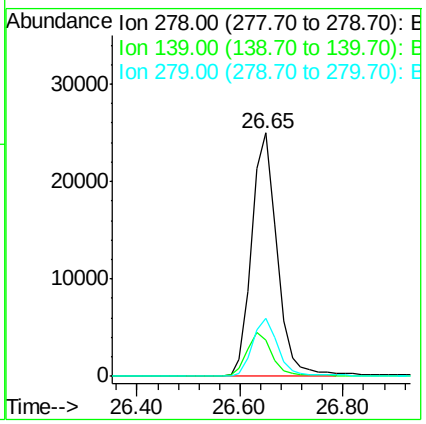


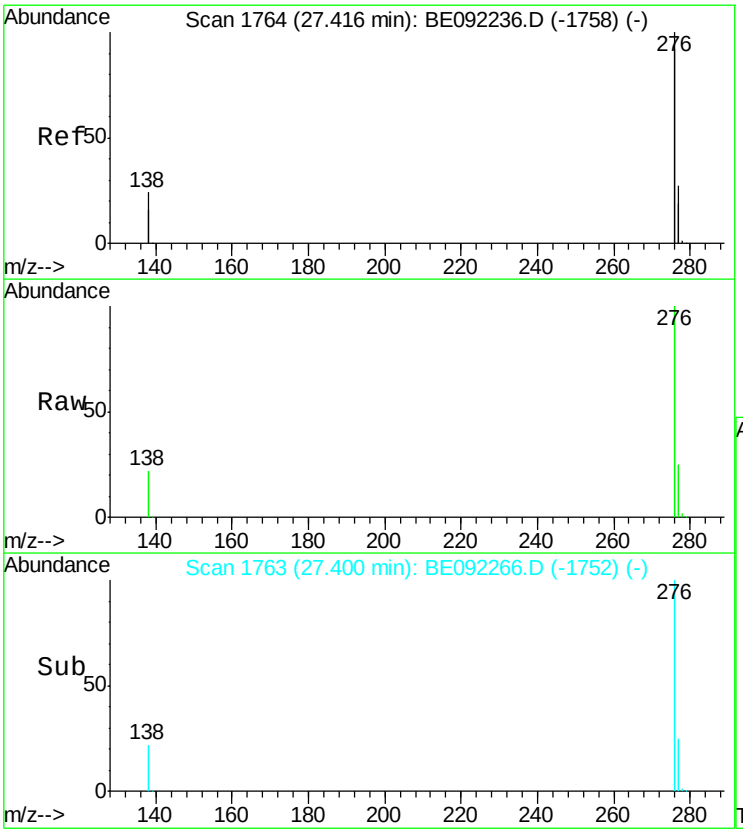
#35
Dibenzo(a,h)anthracene
Concen: 4.09 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Instrument :
BNA_E
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:278 Resp: 84266

Ion	Ratio	Lower	Upper
278	100		
139	14.9	16.2	24.2#
279	24.1	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.88 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092266.D
Acq: 11 Aug 2016 14:37

Tgt Ion:276 Resp: 344367

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.4	32.2
138	21.5	19.4	29.2