Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
Data File : BE092257.D
Acq On : 10 Aug 2016 16:32
Operator : UM/SJ
Sample : H4145-29RE
Misc : confirmation run
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 9548

Quant Time: Aug 11 01:04:36 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	10553	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	45280	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	24676	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	59499	5.00	ng		0.00
24) Chrysene-d12	21.73	240	59557	5.00	ng		-0.02
31) Perylene-d12	24.13	264	67363	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	21293	9.23	ng		-0.01
5) Phenol-d6	7.34	99	26861	8.09	ng		-0.02
8) Nitrobenzene-d5	9.34	82	11372	3.56	ng		-0.02
13) 2,4,6-Tribromophenol	16.33	330	5787	6.07	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	27235	3.57	ng		-0.01
26) Terphenyl-d14	20.19	244	37900	3.77	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.83	42	12	0.16	ng	#	6
9) Naphthalene	11.01	128	39370	3.88	ng	#	94
15) Acenaphthylene	14.54	152	289394	6.78	ng		99
16) Acenaphthene	14.90	154	27058	3.95	ng		95
17) Fluorene	15.88	166	61712	7.45	ng		99
20) Pentachlorophenol	17.28	266	8	0.17	ng	#	81
21) Phenanthrene	17.60	178	40490	2.63	ng		99
22) Anthracene	17.70	178	40030	2.88	ng		99
23) Fluoranthene	19.61	202	229038	3.75	ng		99
25) Pyrene	19.98	202	182874	2.60	ng		98
27) Benzo(a)anthracene	21.77	228	311274	4.35	ng		97
28) Chrysene	21.77	228	314116	4.76	ng		95
29) Bis(2-ethylhexyl)phthalate	21.63	149	101	0.24	ng	#	71
30) Indeno(1,2,3-cd)pyrene	26.63	276	226348	3.18	ng		100
32) Benzo(b)fluoranthene	23.39	252	48979	2.77	ng	#	96
33) Benzo(k)fluoranthene	23.44	252	53005	2.97	ng	#	95
34) Benzo(a)pyrene	24.02	252	14905	0.89	ng		95
35) Dibenzo(a,h)anthracene	26.65	278	43294	2.79	ng		93
36) Benzo(g,h,i)perylene	27.40	276	52376	0.78	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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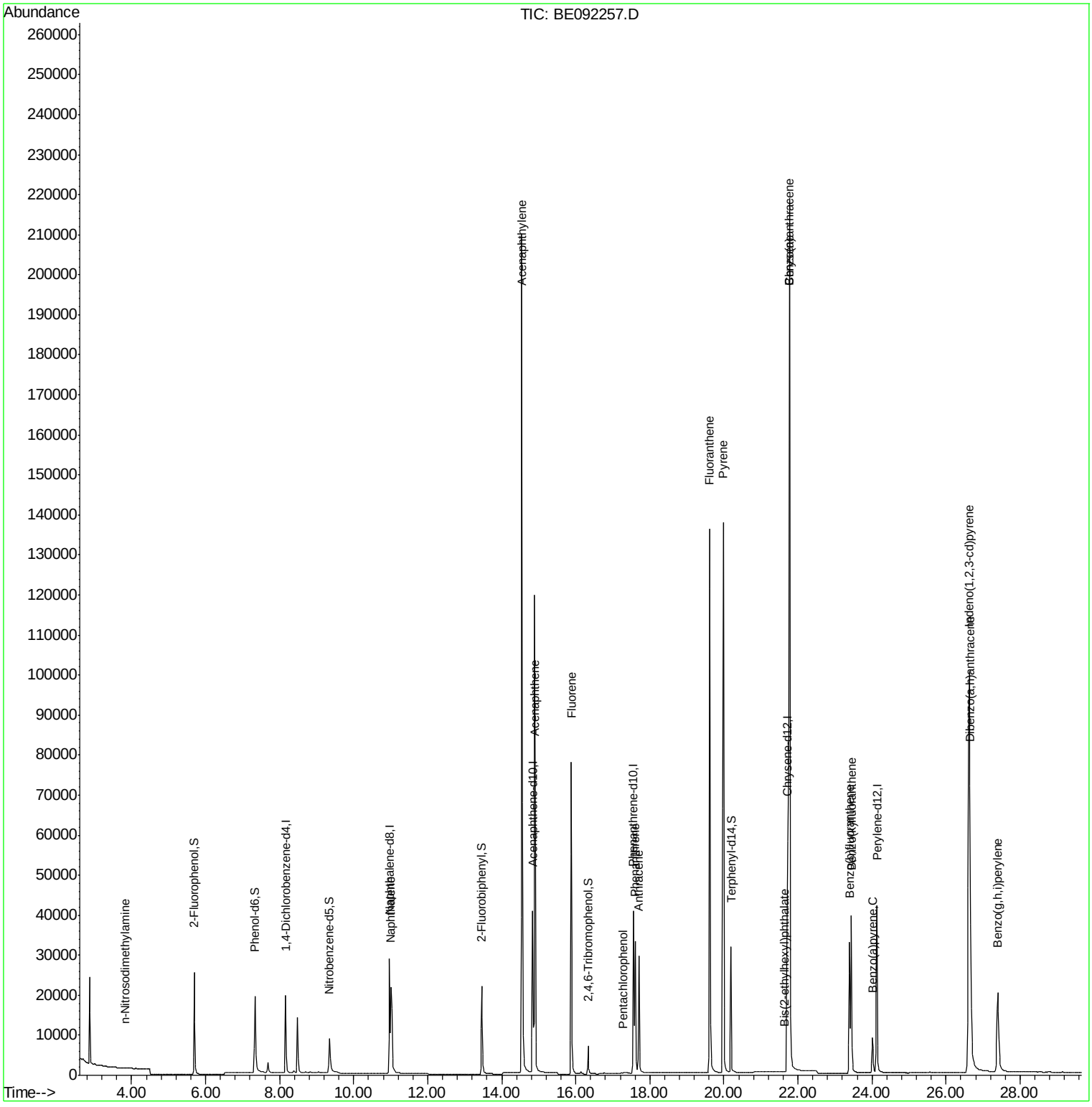
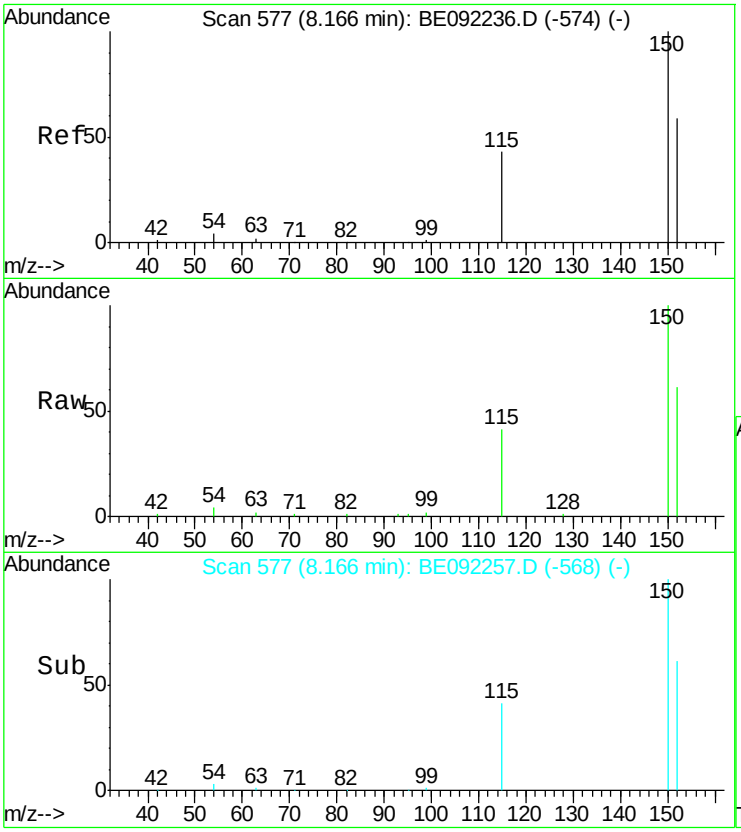


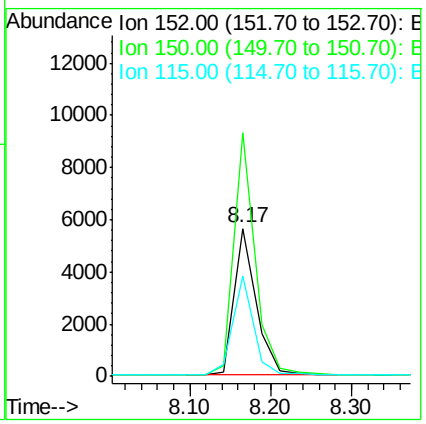


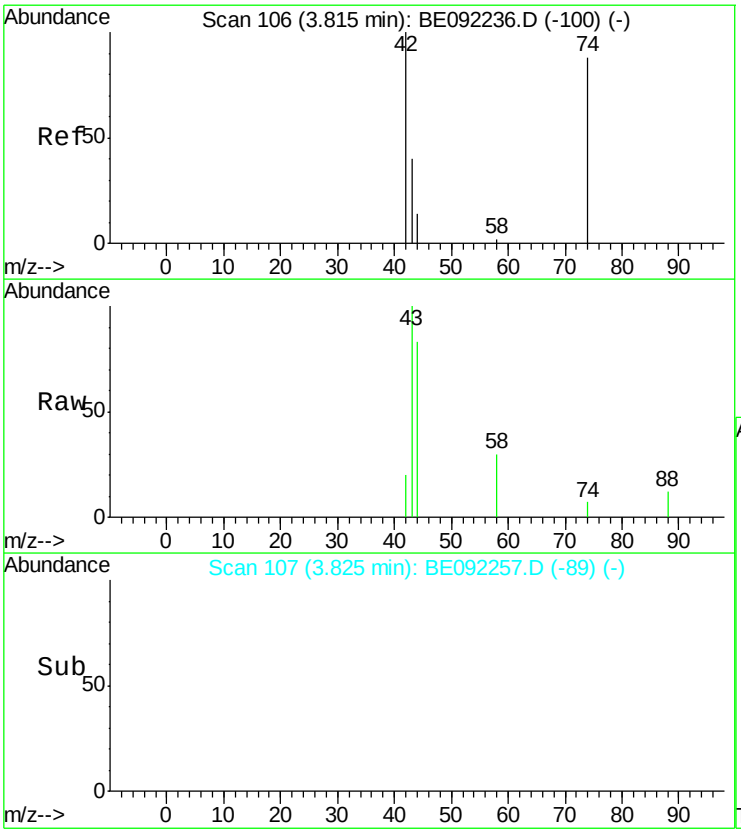
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:152 Resp: 10553

Ion	Ratio	Lower	Upper
152	100		
150	164.6	135.6	203.4
115	67.6	59.4	89.0

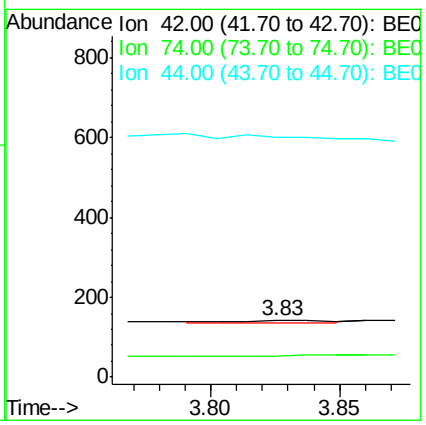


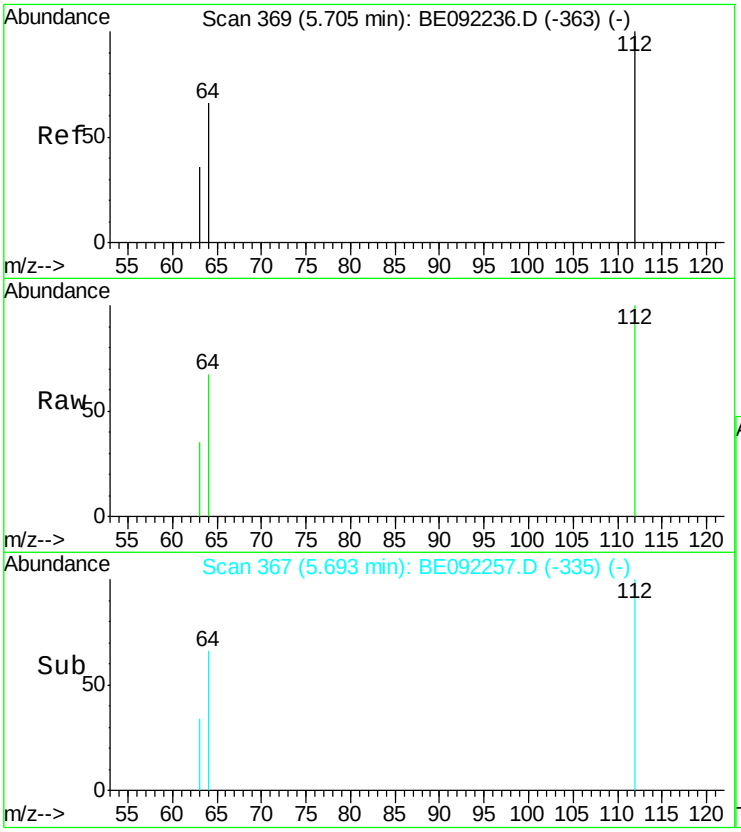


#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.01 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion: 42 Resp: 12

Ion	Ratio	Lower	Upper
42	100		
74	0.0	77.2	115.8#
44	0.0	5.0	7.4#



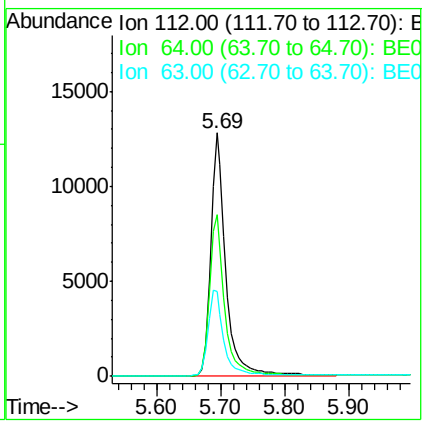


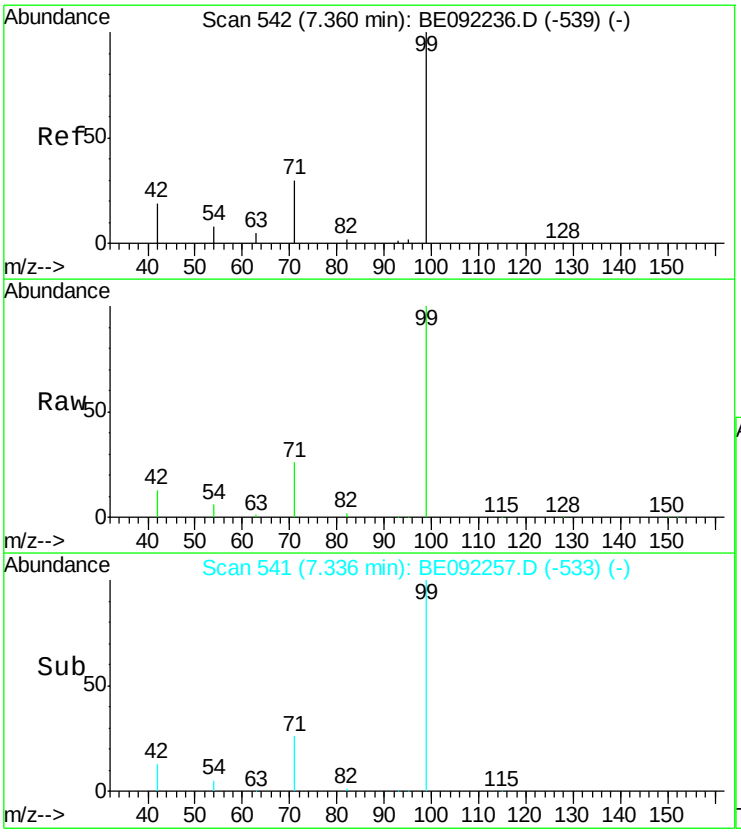
#4
2-Fluorophenol
Concen: 9.23 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:112 Resp: 21293

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.2	79.8
63	36.7	27.4	41.2

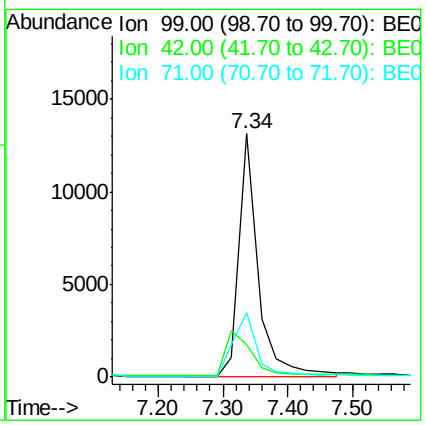


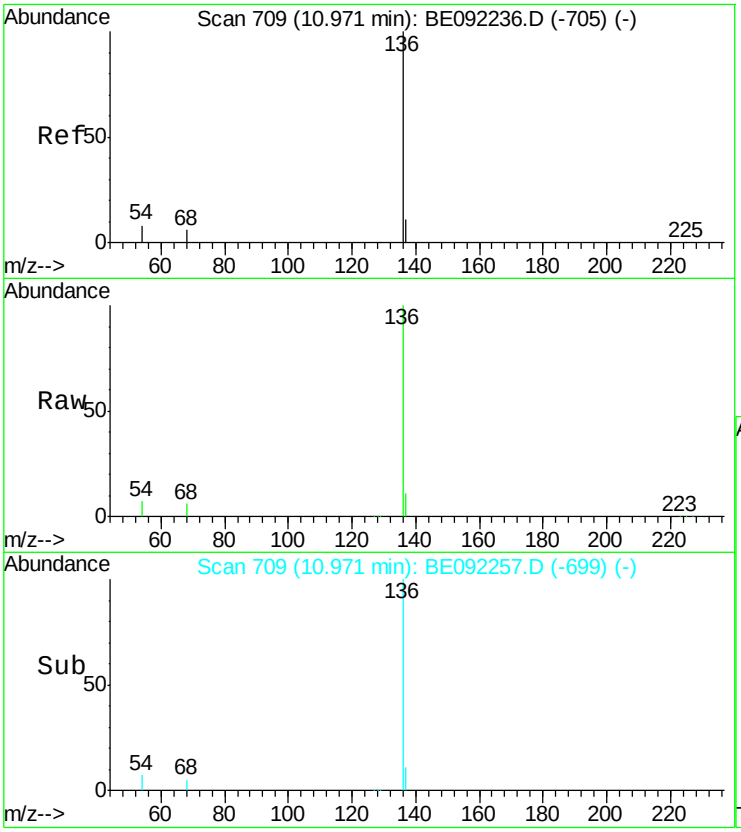


#5
Phenol-d6
Concen: 8.09 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion: 99 Resp: 26861

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	33.3	29.8	44.8



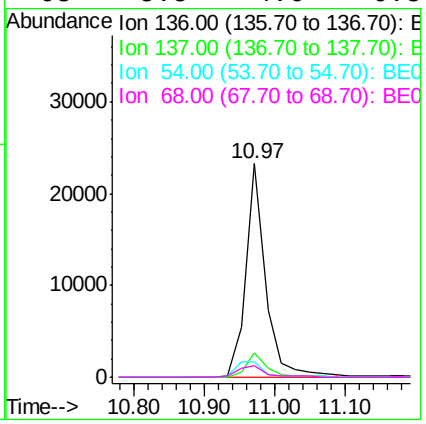


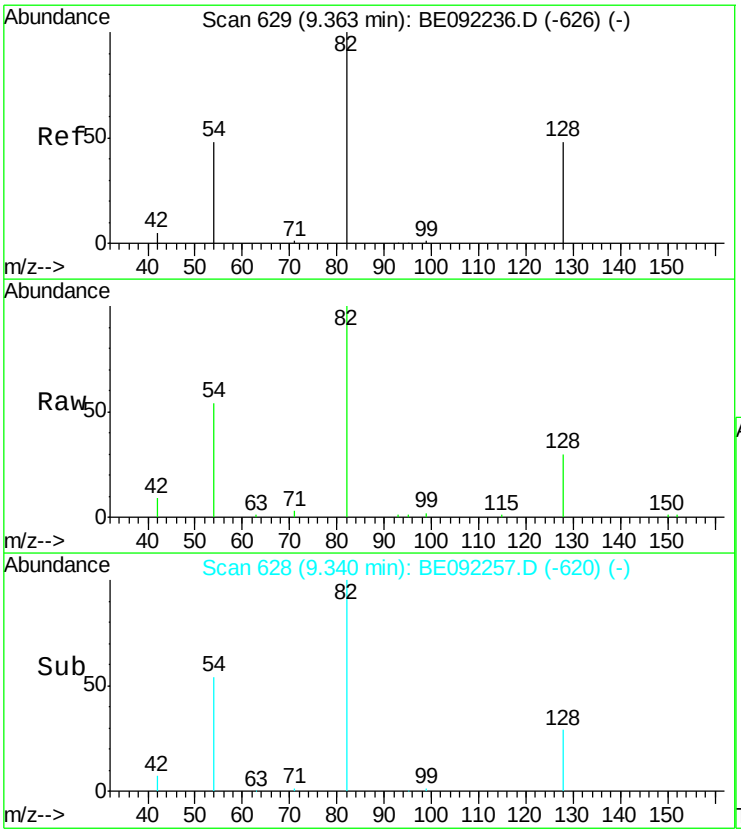
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:136 Resp: 45280

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	6.2	9.4
68	5.5	4.6	6.8

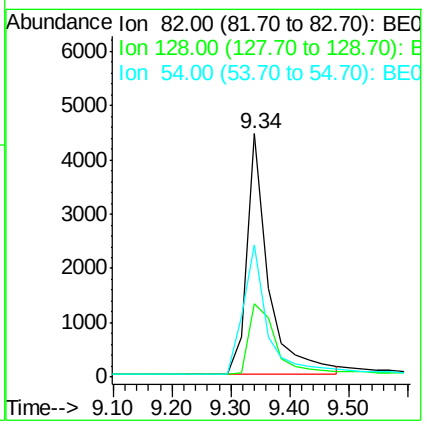


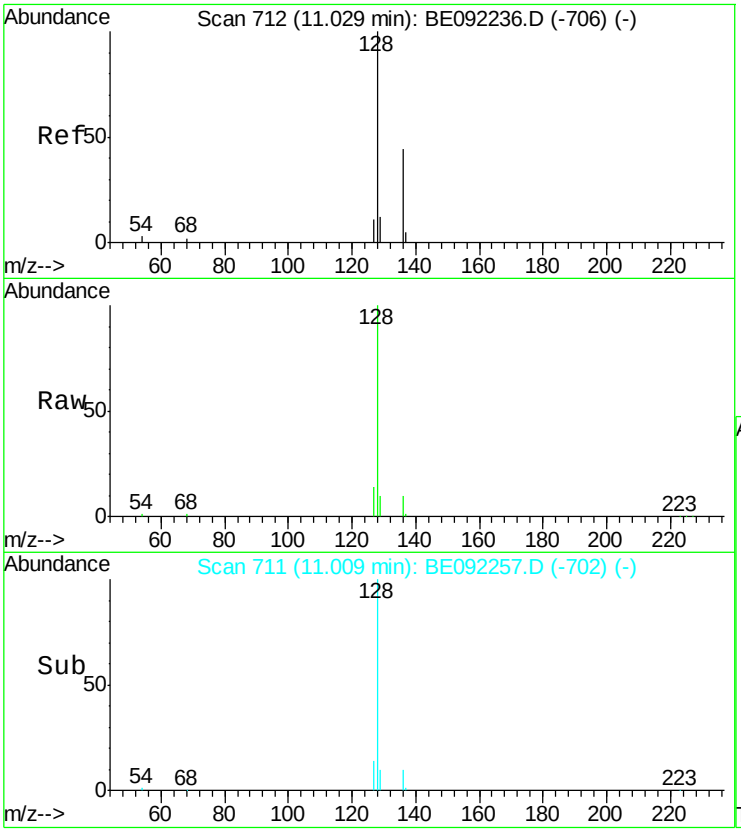


#8
Nitrobenzene-d5
Concen: 3.56 ng
RT: 9.34 min Scan# 628
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion: 82 Resp: 11372

Ion	Ratio	Lower	Upper
82	100		
128	30.3	45.0	67.4#
54	54.3	45.4	68.2



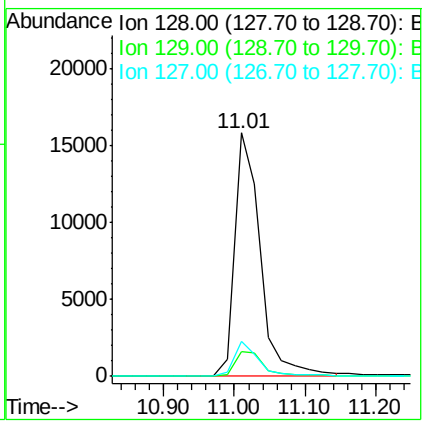


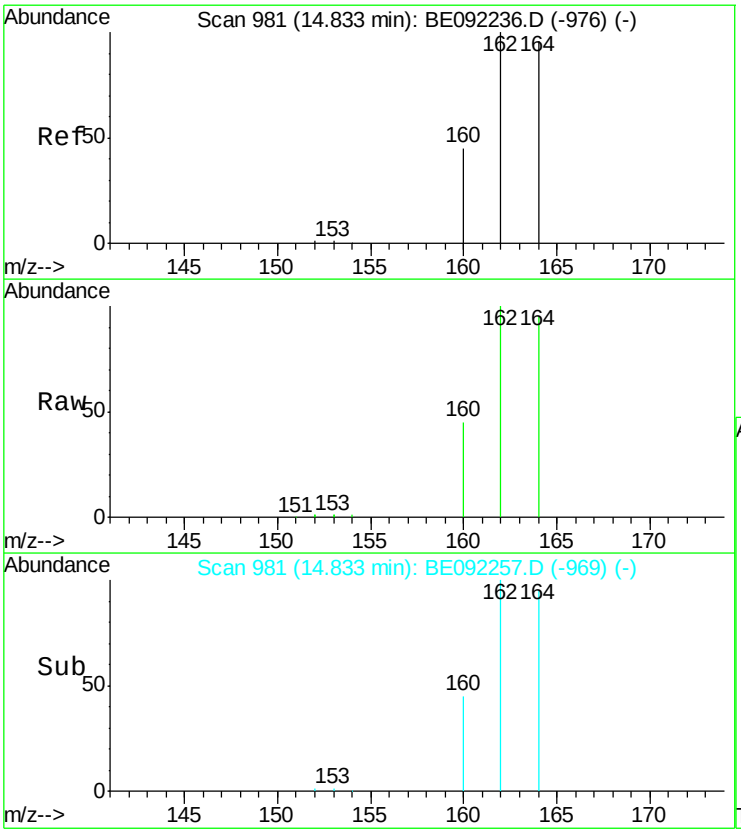
#9
Naphthalene
Concen: 3.88 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:128 Resp: 39370

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.5	17.3#
127	14.5	11.0	16.6

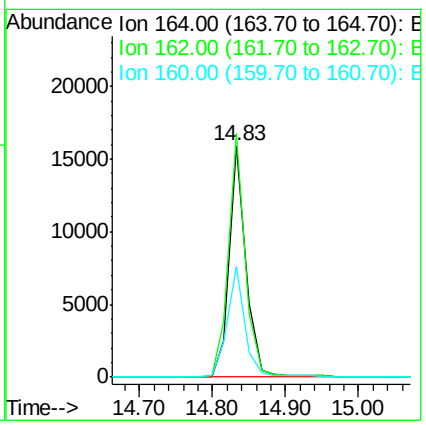


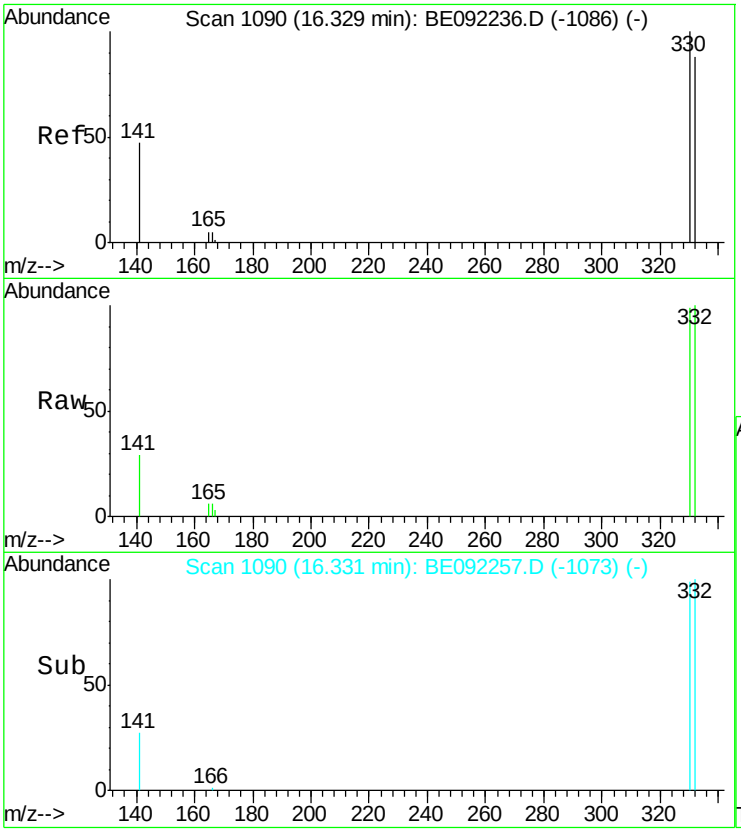


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:164 Resp: 24676

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.3	124.9
160	48.0	38.0	57.0



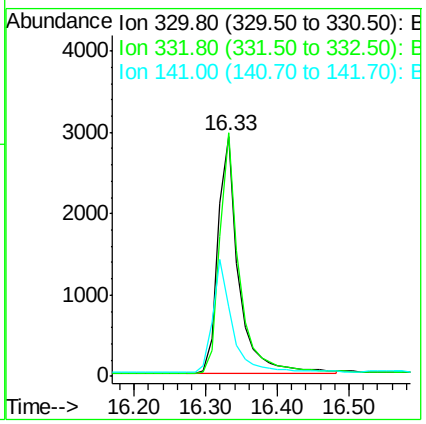


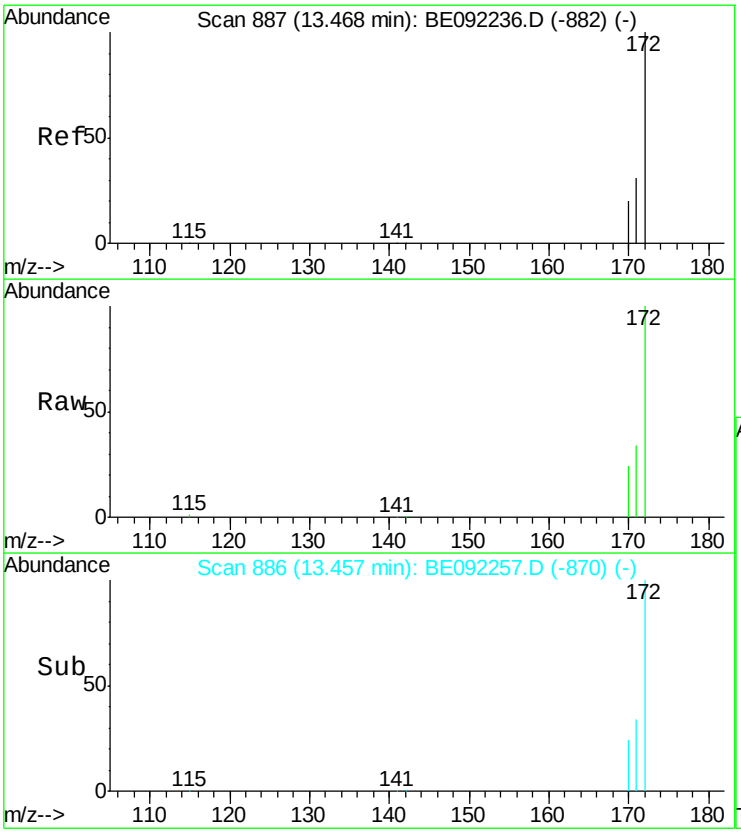
#13
2,4,6-Tribromophenol
Concen: 6.07 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:330 Resp: 5787

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	45.3	37.7	56.5

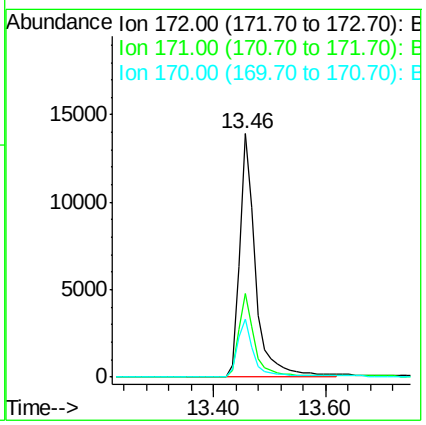


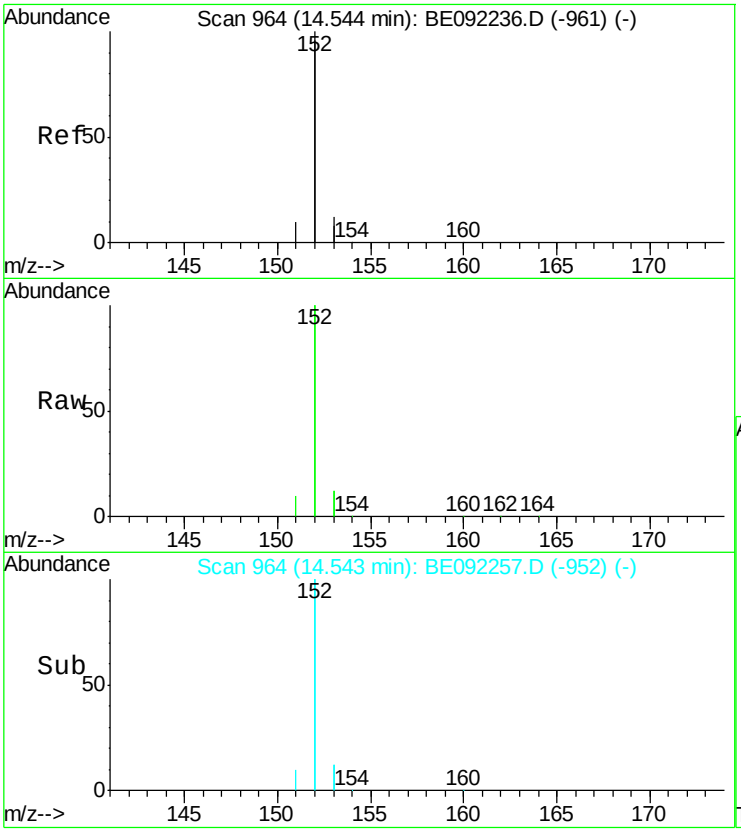


#14
2-Fluorobiphenyl
Concen: 3.57 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:172 Resp: 27235

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.8	40.2
170	23.8	17.8	26.6



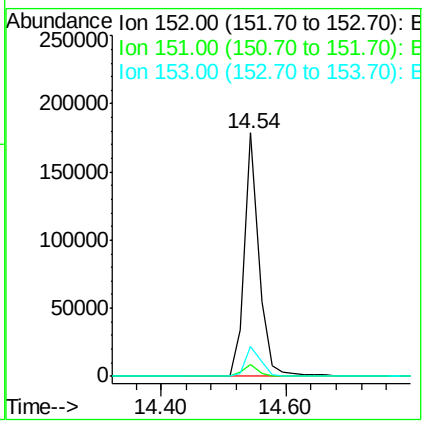


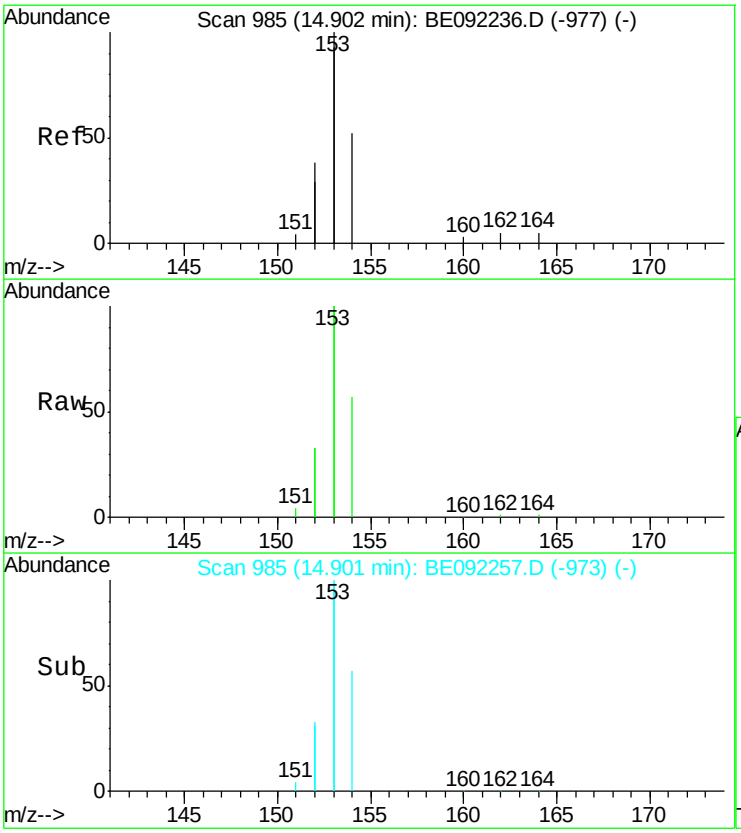
#15
Acenaphthylene
Concen: 6.78 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:152 Resp: 289394

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.2	10.2	15.2

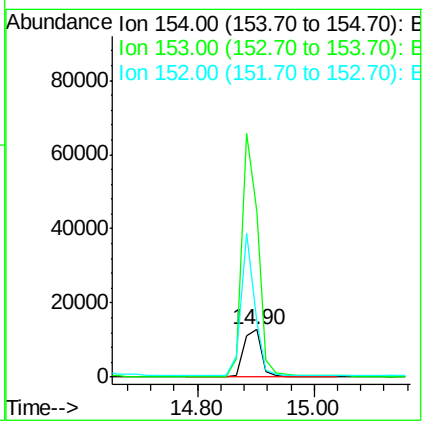


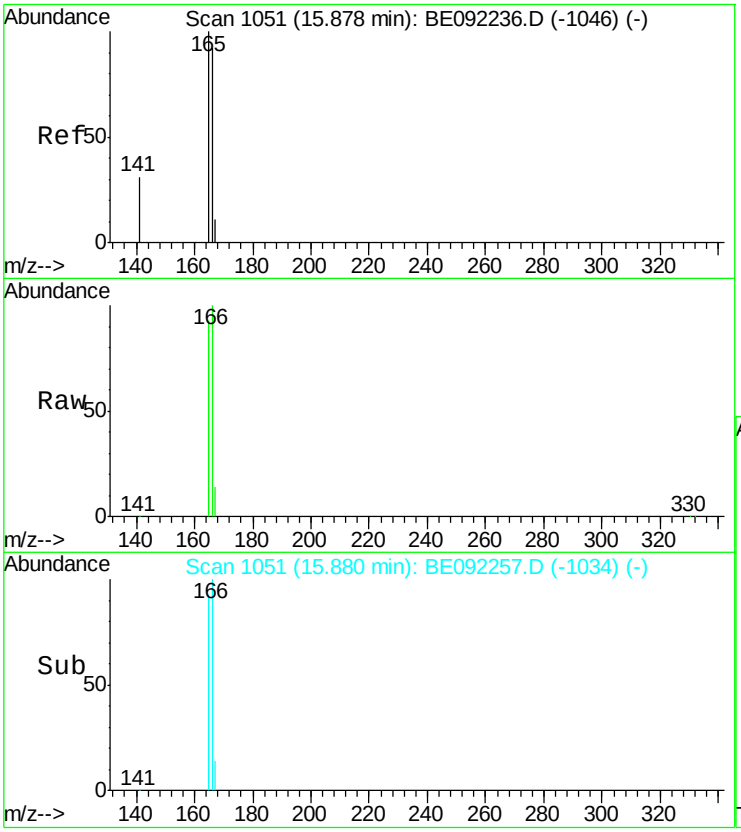


#16
Acenaphthene
Concen: 3.95 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:154 Resp: 27058

Ion	Ratio	Lower	Upper
154	100		
153	457.7	355.0	532.4
152	230.1	179.7	269.5



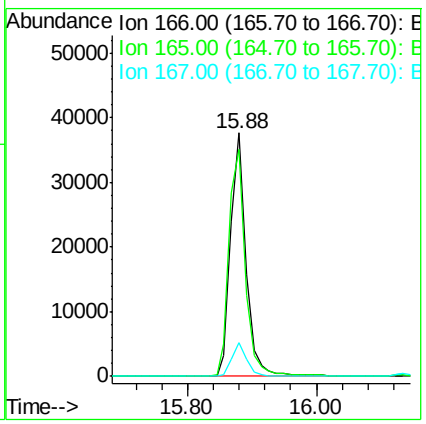


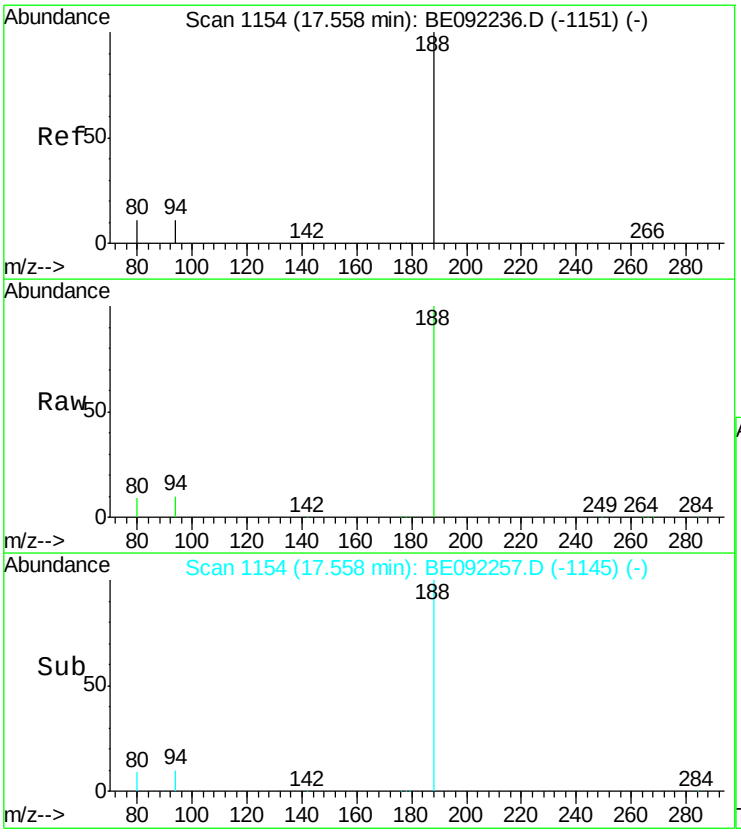
#17
Fluorene
Concen: 7.45 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:166 Resp: 61712

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.1	120.1
167	13.3	10.6	16.0

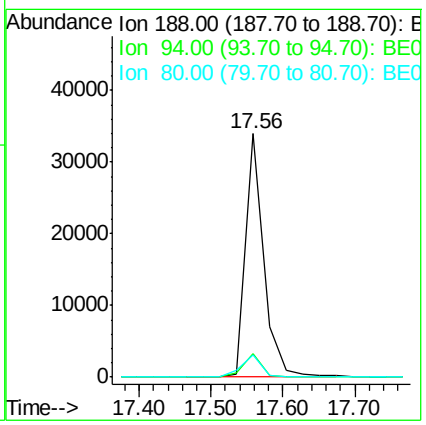


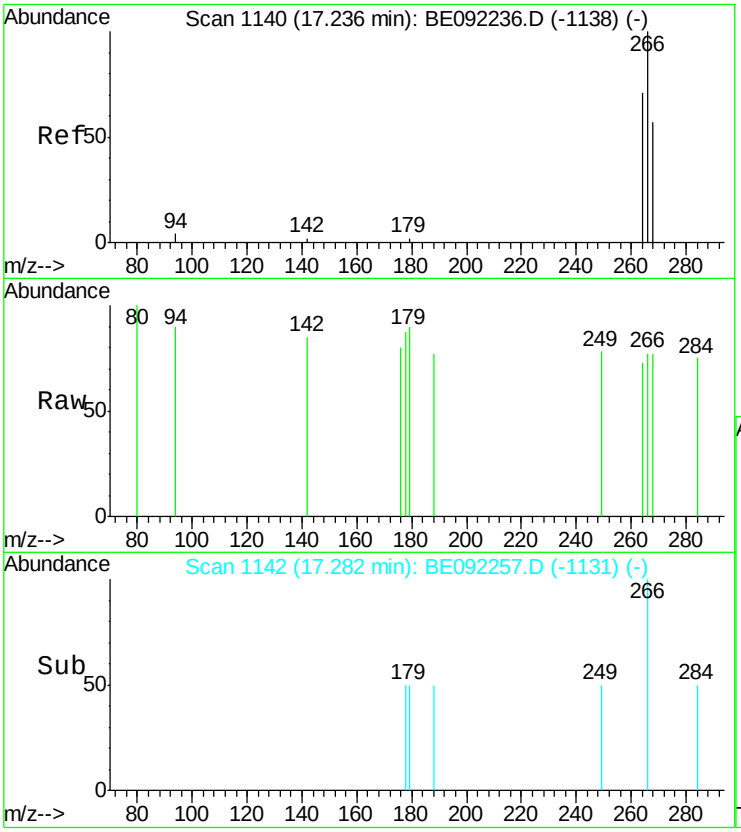


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:188 Resp: 59499

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.2	13.8
80	9.3	9.1	13.7



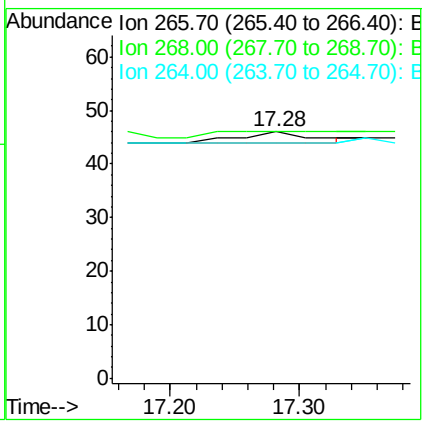


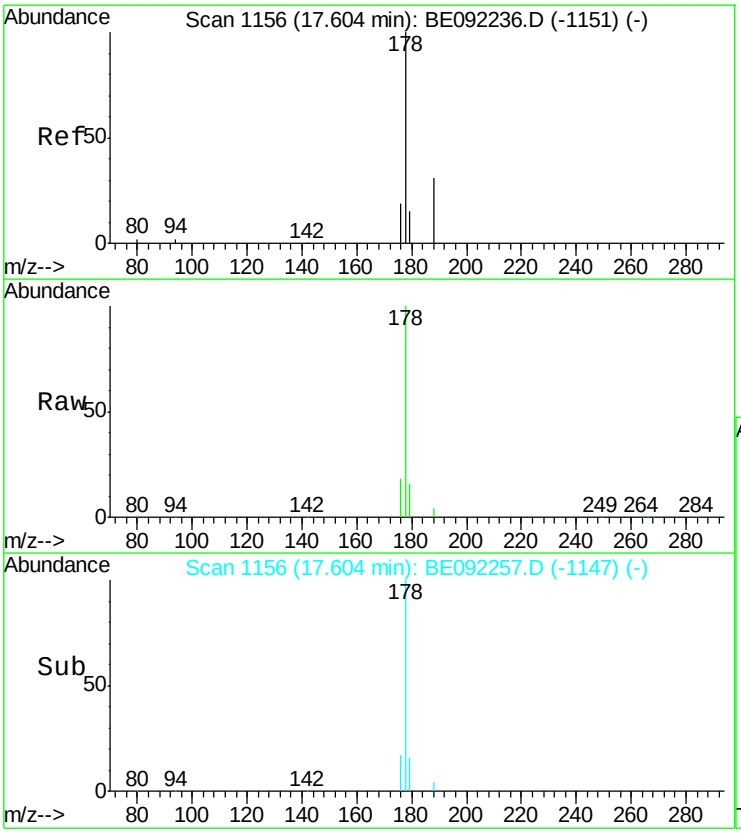
#20
Pentachlorophenol
Concen: 0.17 ng
RT: 17.28 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.3	93.5#
264	95.7	67.4	101.0

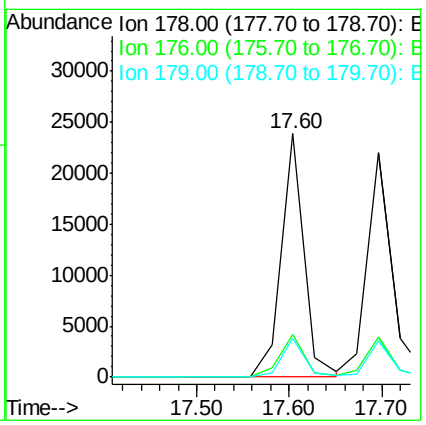


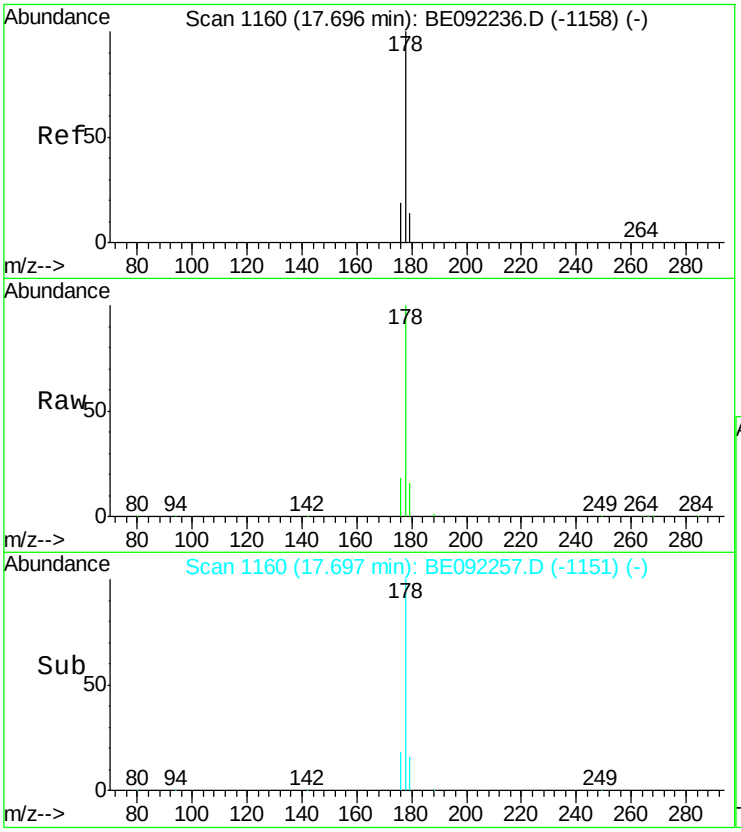


#21
Phenanthrene
Concen: 2.63 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:178 Resp: 40490

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.6	12.9	19.3



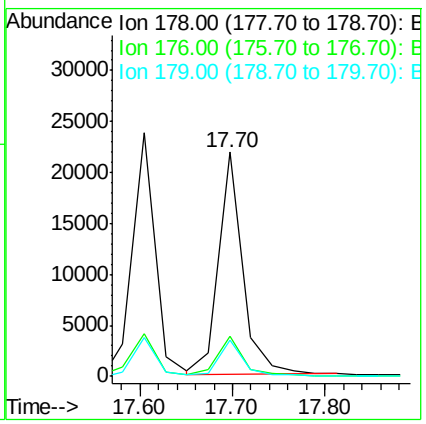


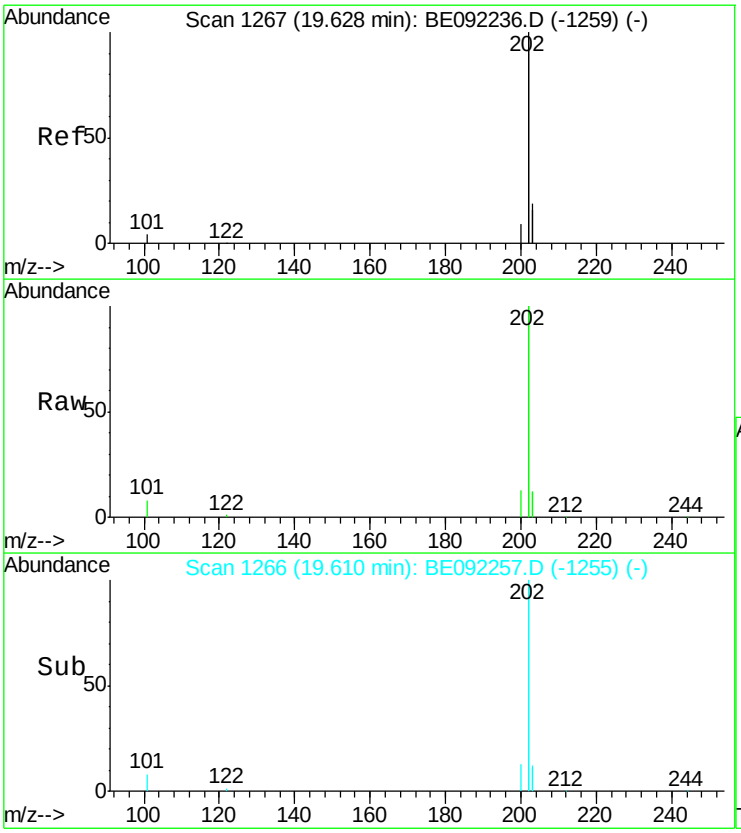
#22
Anthracene
Concen: 2.88 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:178 Resp: 40030

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.0	18.0

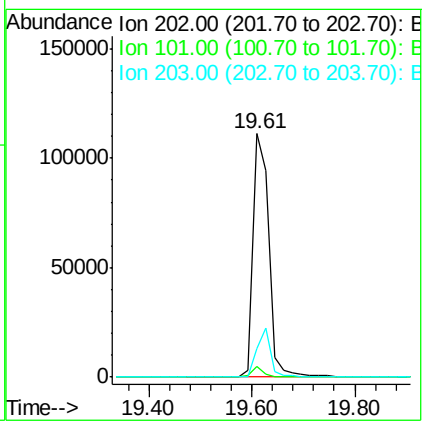


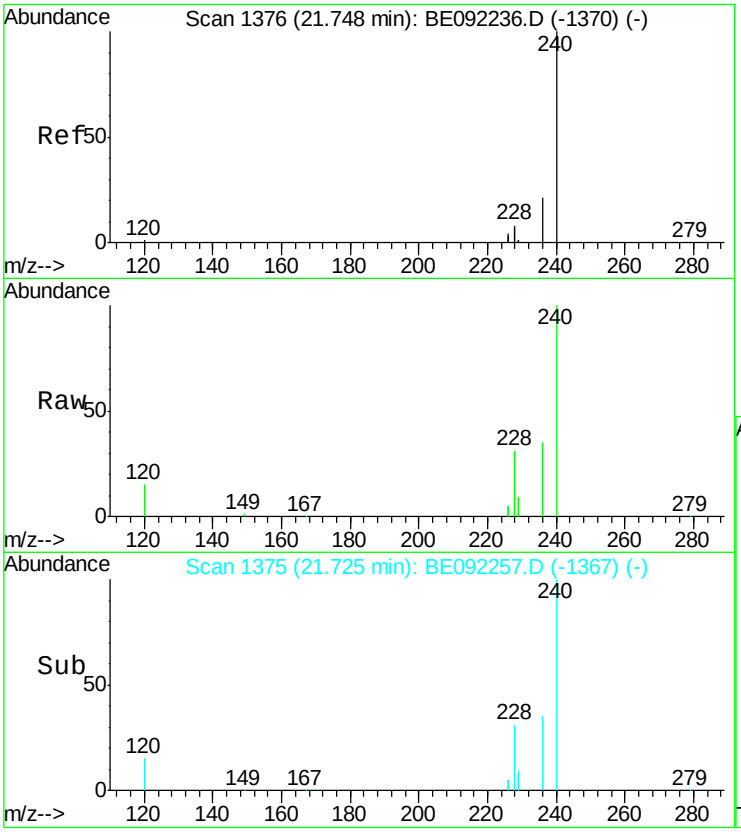


#23
Fluoranthene
Concen: 3.75 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:202 Resp: 229038

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.5	13.7	20.5



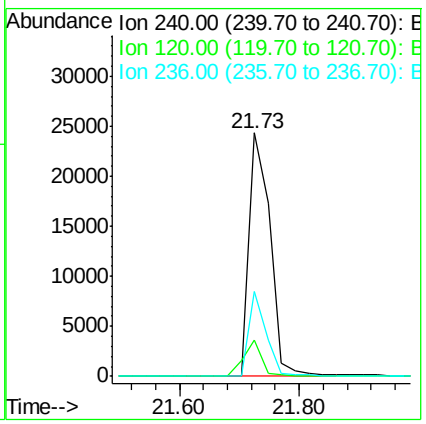


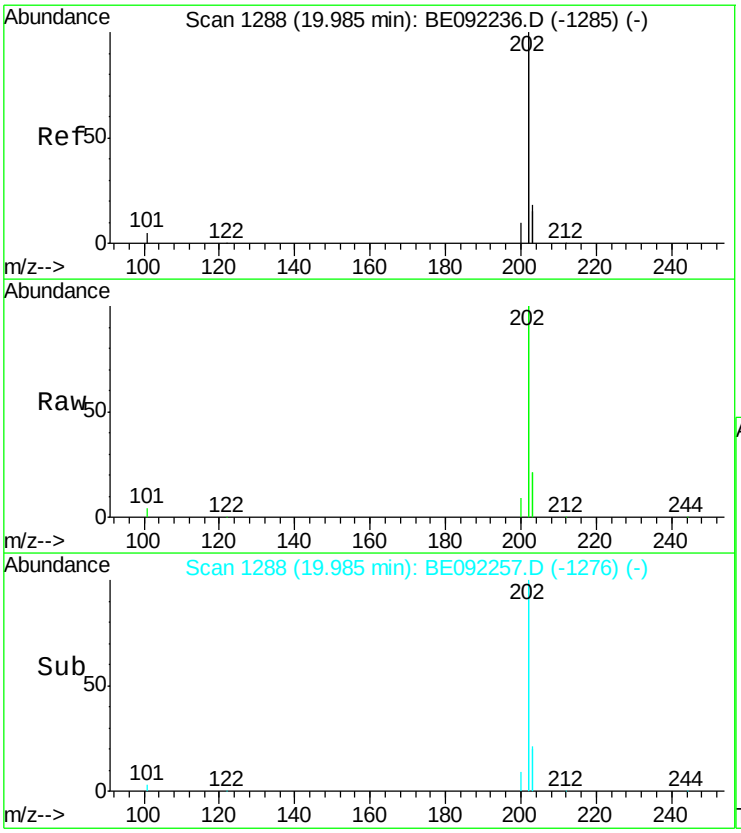
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:240 Resp: 59557

Ion	Ratio	Lower	Upper
240	100		
120	15.0	1.2	1.8#
236	34.8	17.1	25.7#

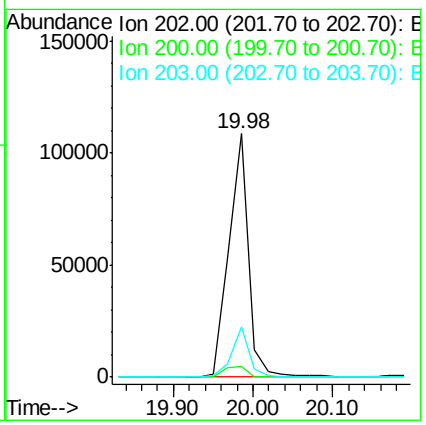


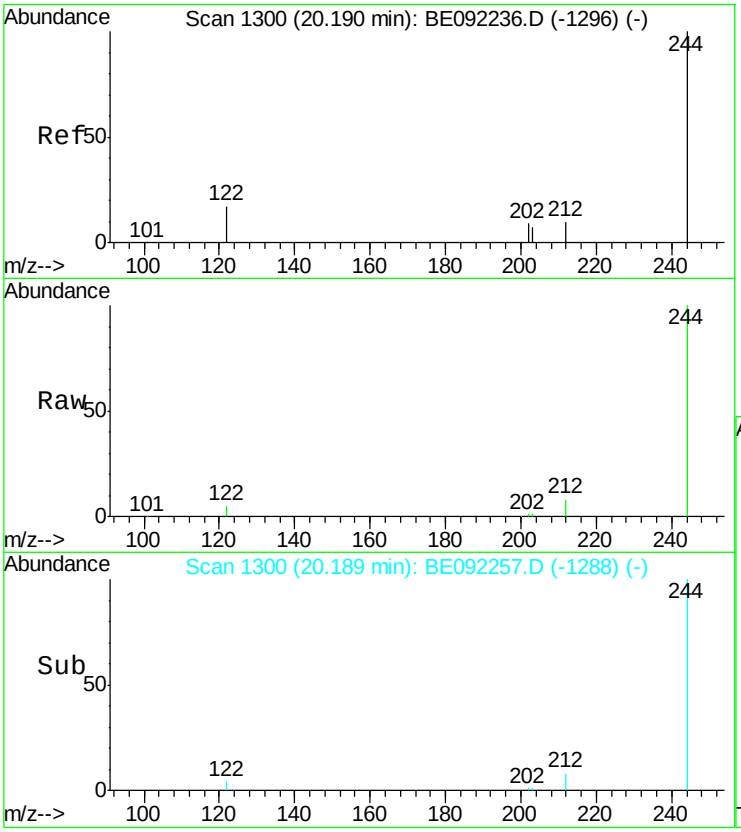


#25
Pyrene
Concen: 2.60 ng
RT: 19.98 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:202 Resp: 182874

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.4	14.0	21.0



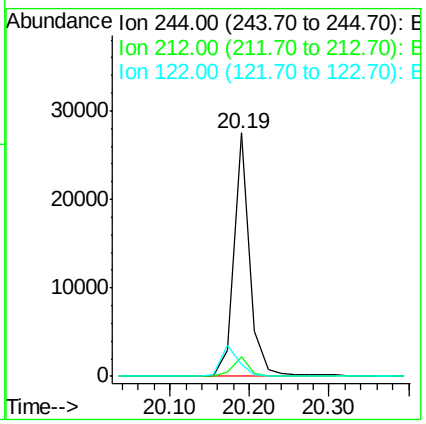


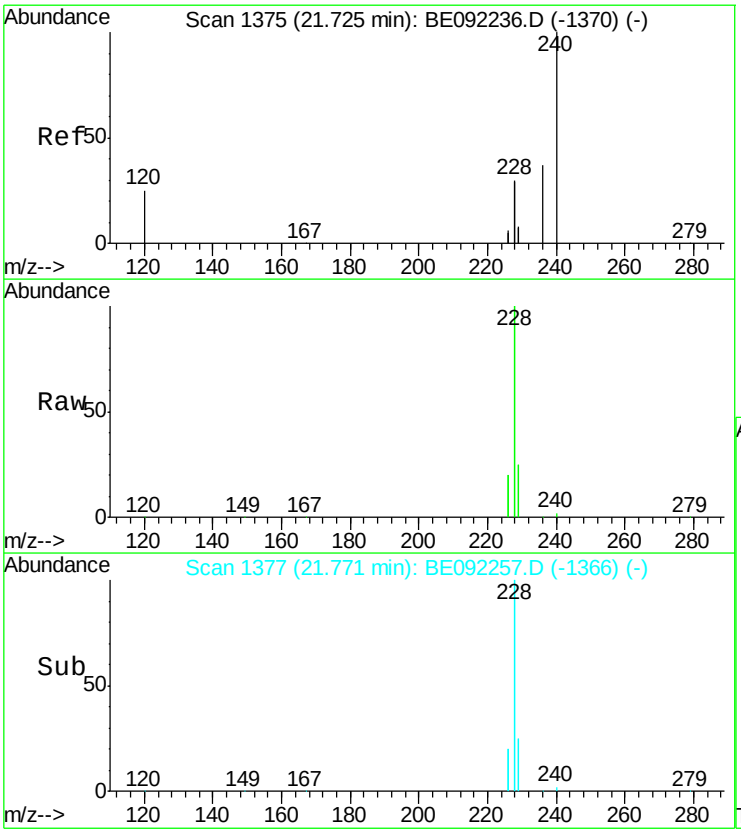
#26
Terphenyl-d14
Concen: 3.77 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:244 Resp: 37900

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.2	15.2#
122	4.7	15.9	23.9#

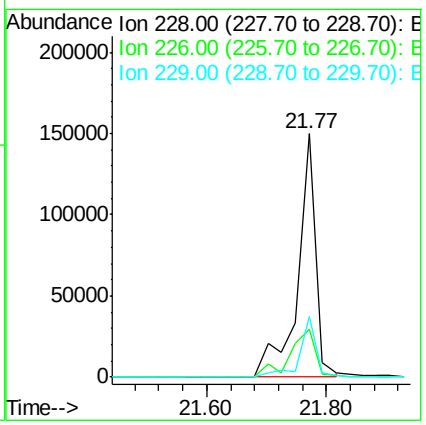


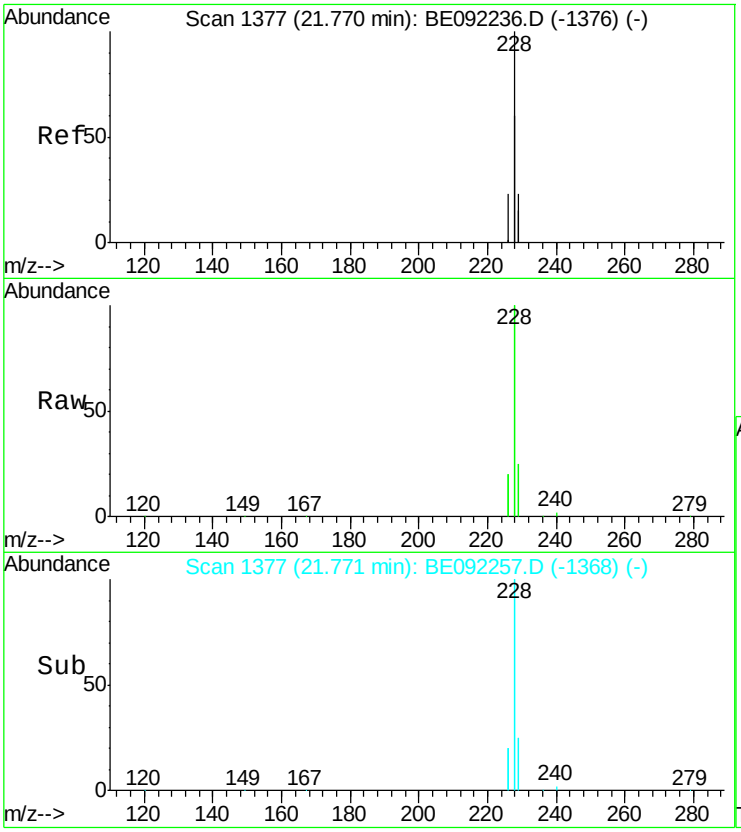


#27
Benzo(a)anthracene
Concen: 4.35 ng
RT: 21.77 min Scan# 1377
Delta R.T. 0.05 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:228 Resp: 311274

Ion	Ratio	Lower	Upper
228	100		
226	19.9	15.9	23.9
229	25.0	22.4	33.6



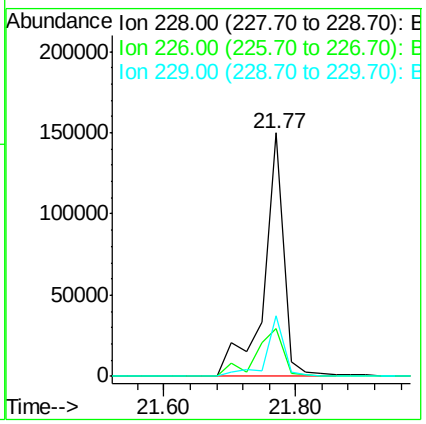


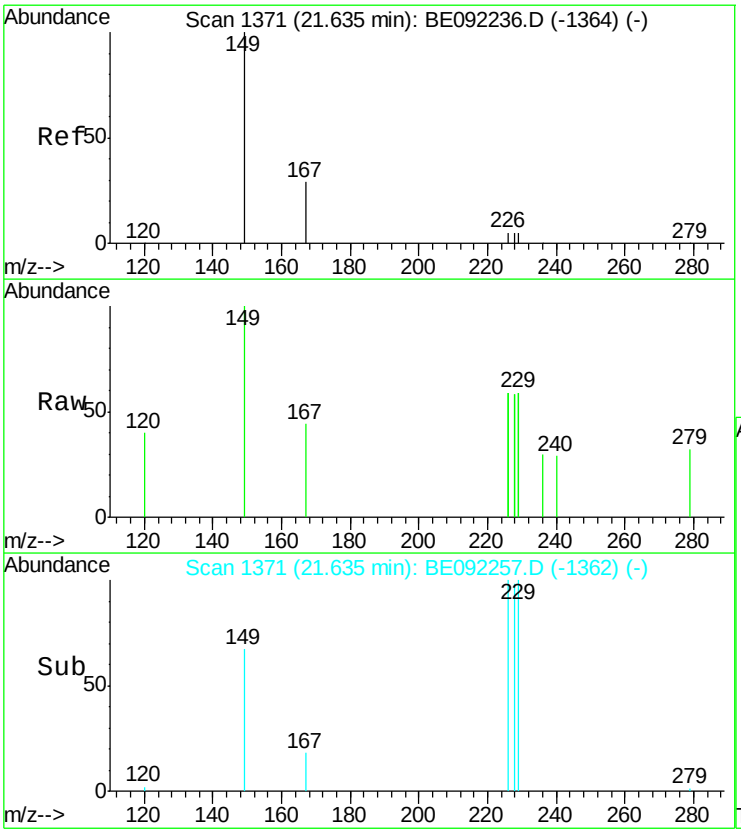
#28
Chrysene
Concen: 4.76 ng
RT: 21.77 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:228 Resp: 314116

Ion	Ratio	Lower	Upper
228	100		
226	19.9	18.3	27.5
229	25.0	18.6	27.8

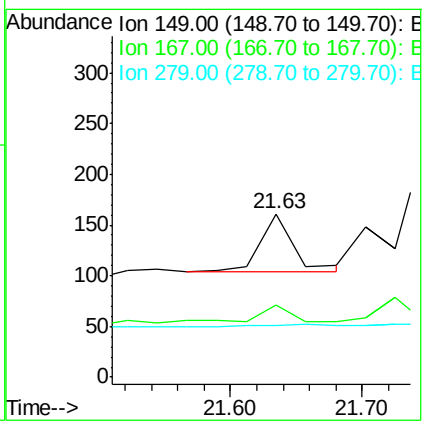


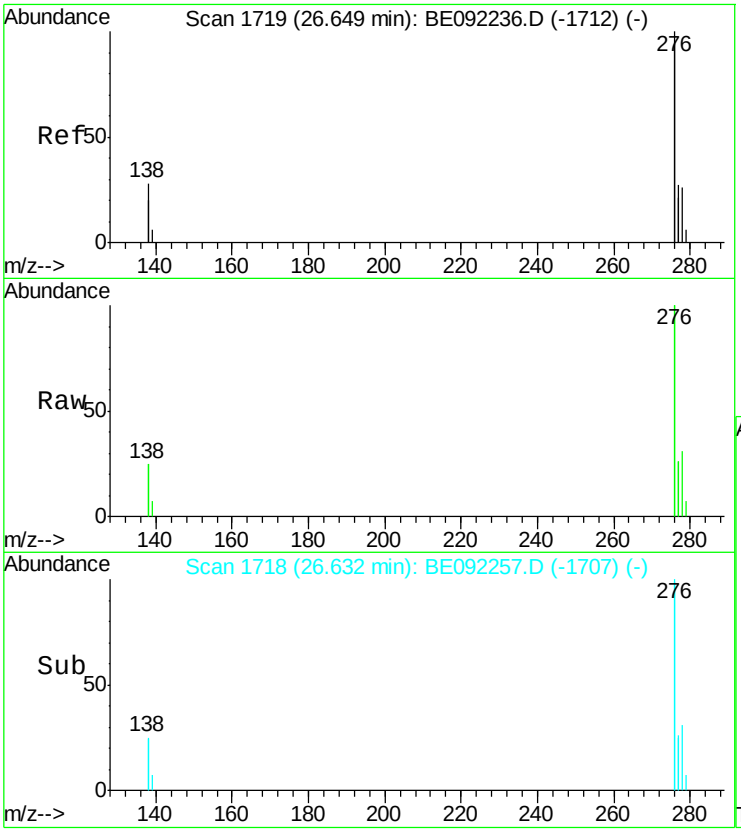


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.63 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:149 Resp: 101

Ion	Ratio	Lower	Upper
149	100		
167	42.6	22.1	33.1#
279	0.0	0.0	0.0



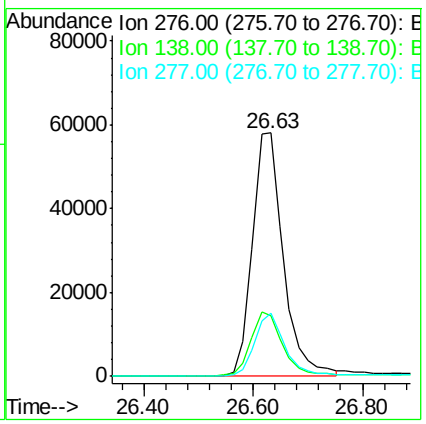


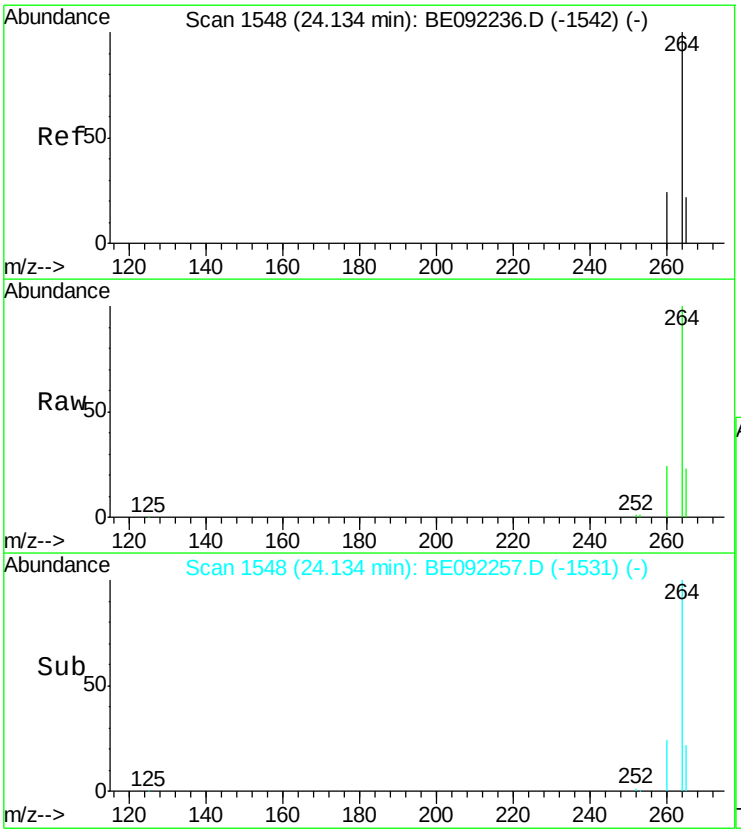
#30
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:276 Resp: 226348

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.3	31.9
277	24.7	19.7	29.5

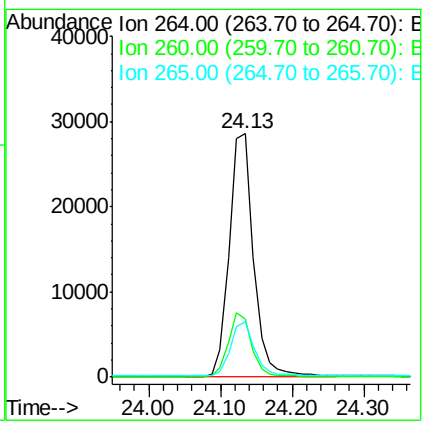


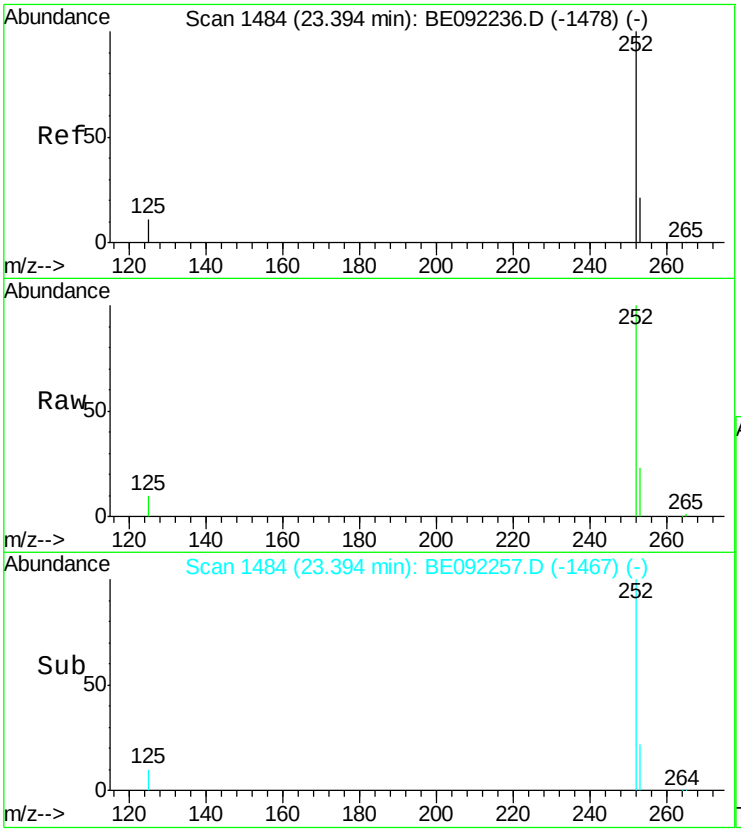


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:264 Resp: 67363

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	23.0	18.2	27.4



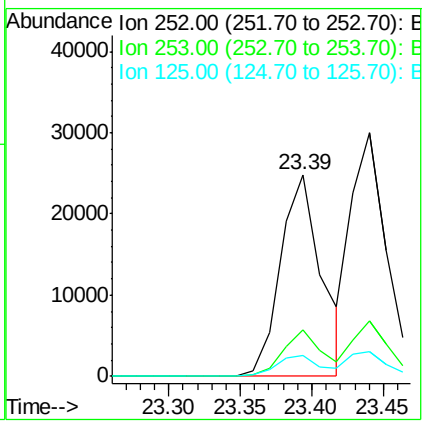


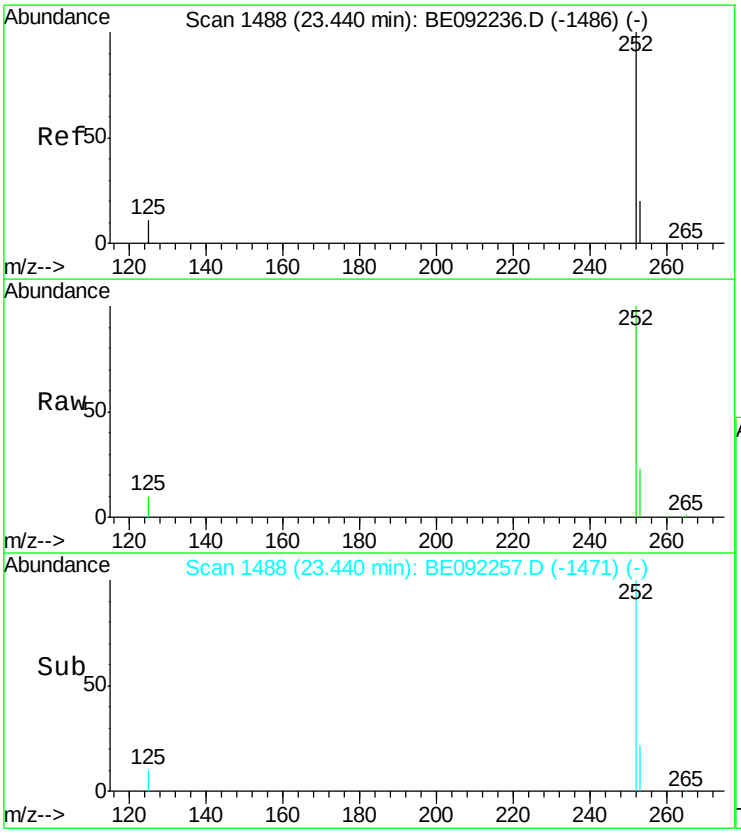
#32
Benzo(b)fluoranthene
Concen: 2.77 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:252 Resp: 48979

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	10.1	10.3	15.5#

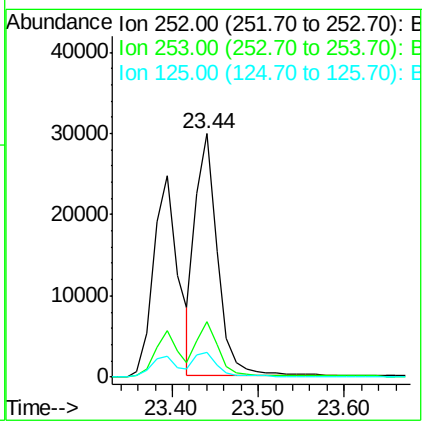


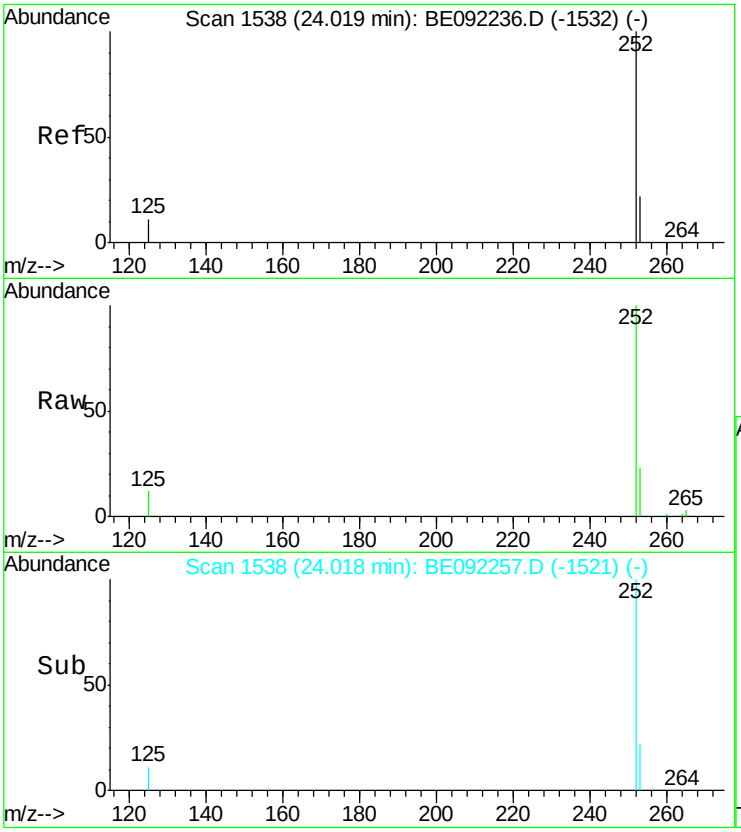


#33
Benzo(k)fluoranthene
Concen: 2.97 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:252 Resp: 53005

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.6
125	10.0	10.6	15.8#



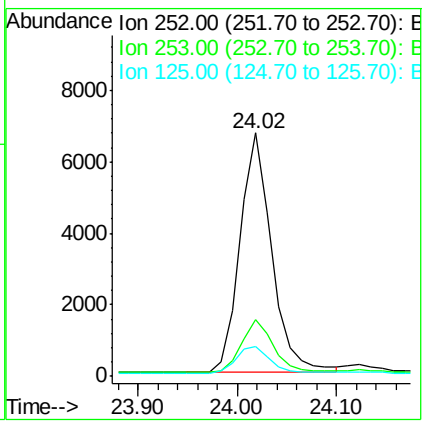


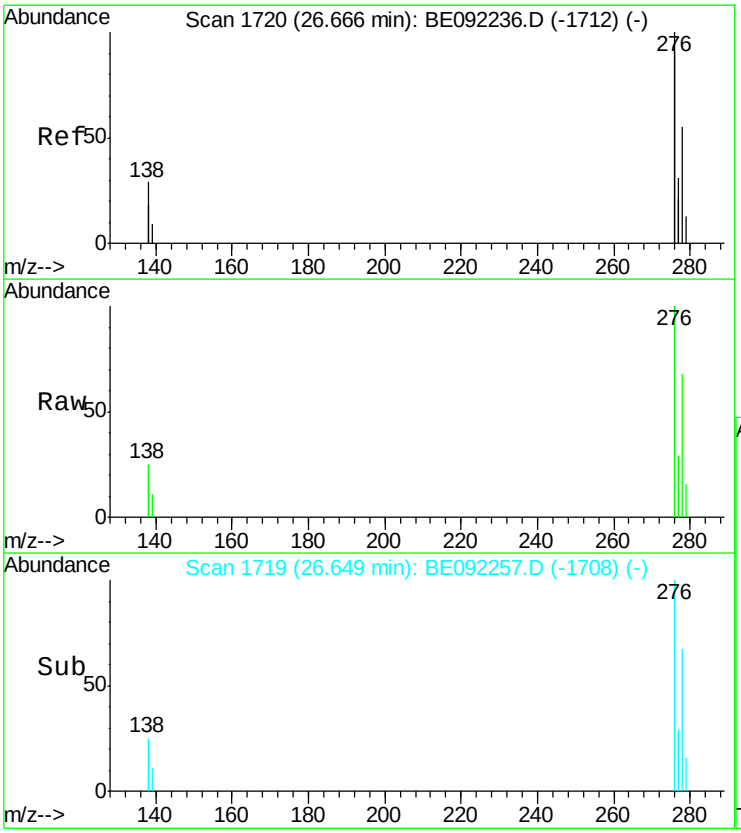
#34
Benzo(a)pyrene
Concen: 0.89 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:252 Resp: 14905

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.1	11.8	17.6

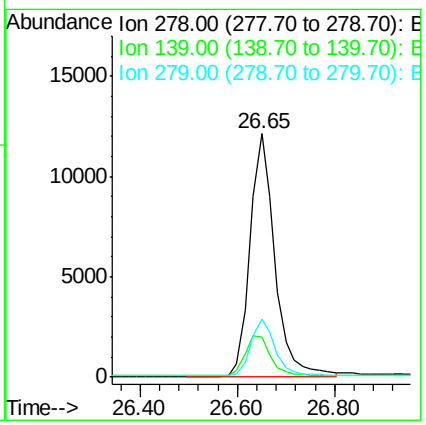


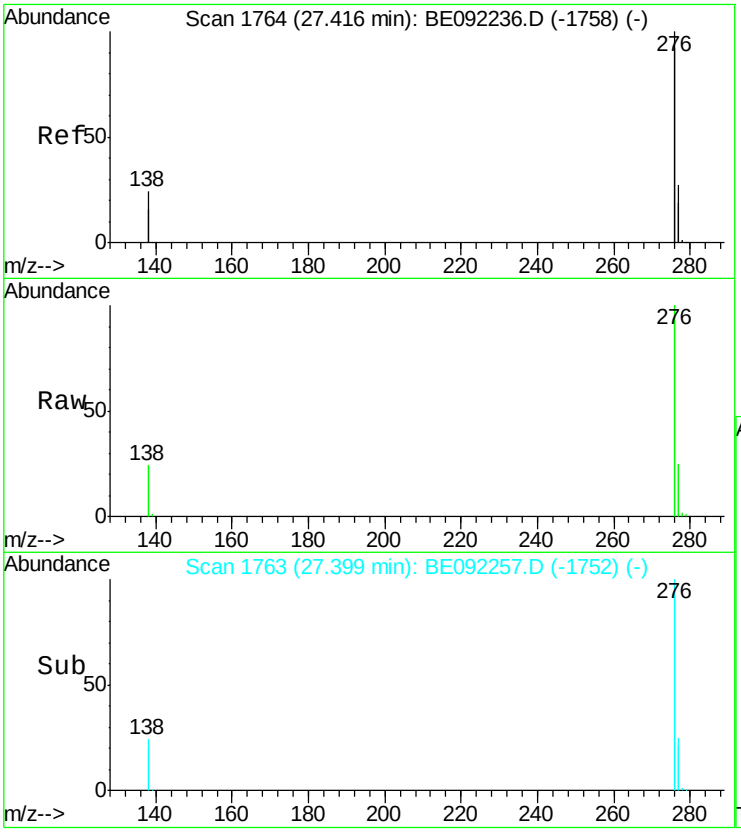


#35
Dibenzo(a,h)anthracene
Concen: 2.79 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Tgt Ion:278 Resp: 43294

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.2	24.2
279	24.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092257.D
Acq: 10 Aug 2016 16:32

Instrument :
BNA_E
ClientSampleId :
9548

Tgt Ion:276 Resp: 52376

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.4	32.2
138	23.8	19.4	29.2