Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090528.D
Acq On : 14 Aug 2015 19:45
Operator : UM/IZ
Sample : G3248-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CSB-09

Quant Time: Aug 17 04:19:01 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23279	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	113167	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	59927	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	131370	5.00	ng		0.00
25) Chrysene-d12	21.10	240	125518	5.00	ng		0.00
32) Perylene-d12	23.41	264	121483	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	37304	5.54	ng		0.00
5) Phenol-d6	6.77	99	58091	5.87	ng		0.00
7) Nitrobenzene-d5	8.72	82	32745	3.63	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	14504	6.29	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	60528	3.38	ng		0.00
27) Terphenyl-d14	19.56	244	77495	3.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	19	Below Cal		#	1
3) n-Nitrosodimethylamine	3.42	42	1838	0.46	ng	#	1
9) Naphthalene	10.38	128	5059	0.20	ng		95
11) 2-Methylnaphthalene	12.00	142	2298	0.14	ng		96
15) Acenaphthylene	13.91	152	2474	0.02	ng	#	68
17) Fluorene	15.26	166	1164	0.06	ng	#	69
21) Pentachlorophenol	16.61	266	299	0.40	ng		98
22) Phenanthrene	16.98	178	27437	0.80	ng		96
23) Anthracene	16.98	178	27220	0.86	ng		98
24) Fluoranthene	18.99	202	57732	1.57	ng	#	88
26) Pyrene	19.35	202	26653	0.74	ng		96
28) Benzo(a)anthracene	21.08	228	8378	0.25	ng	#	77
29) Chrysene	21.14	228	10552	0.31	ng	#	78
30) Bis(2-ethylhexyl)phthalate	21.03	149	98801	5.01	ng		95
31) Indeno(1,2,3-cd)pyrene	25.79	276	2635	0.08	ng	#	93
33) Benzo(b)fluoranthene	22.70	252	9670	0.34	ng	#	1
34) Benzo(k)fluoranthene	22.70	252	10220	0.31	ng	#	1
35) Benzo(a)pyrene	23.30	252	4069	0.15	ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	1135	0.04	ng	#	1
37) Benzo(g,h,i)perylene	26.52	276	2545	0.09	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090528.D
Acq On : 14 Aug 2015 19:45
Operator : UM/IZ
Sample : G3248-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
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CSB-09

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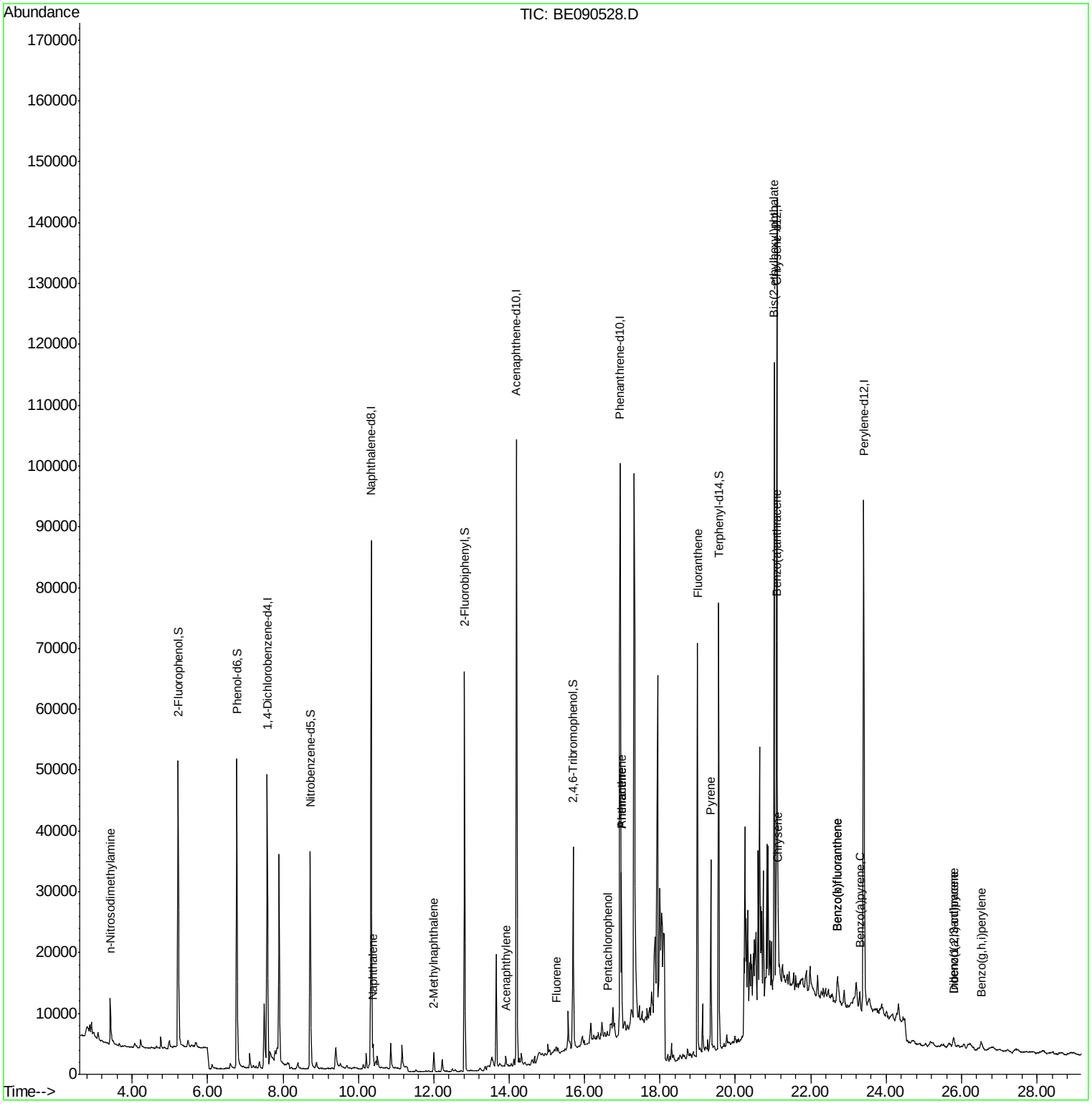
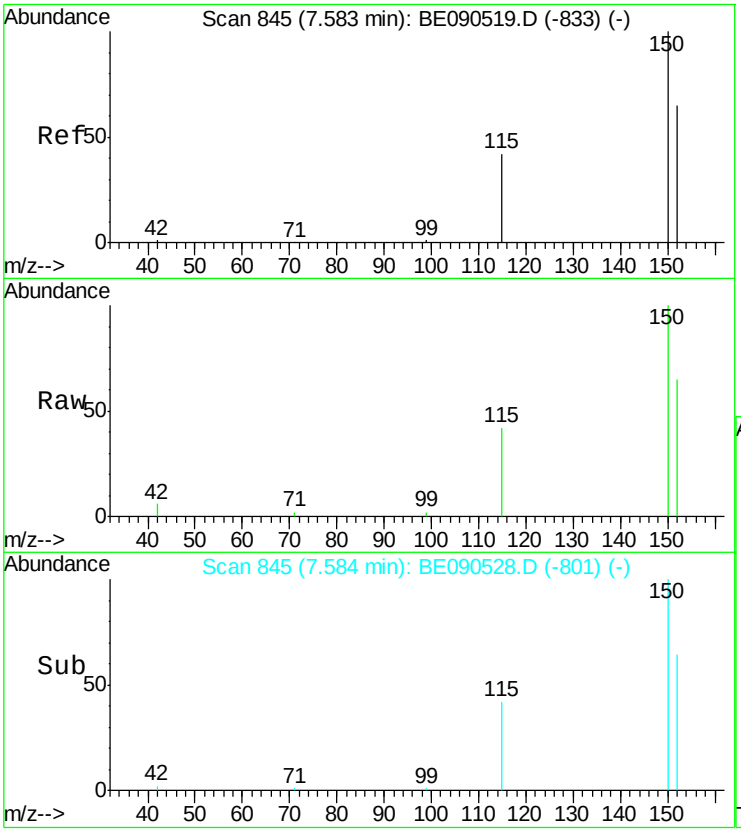
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



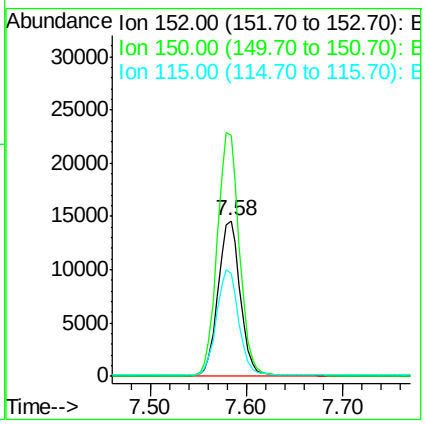


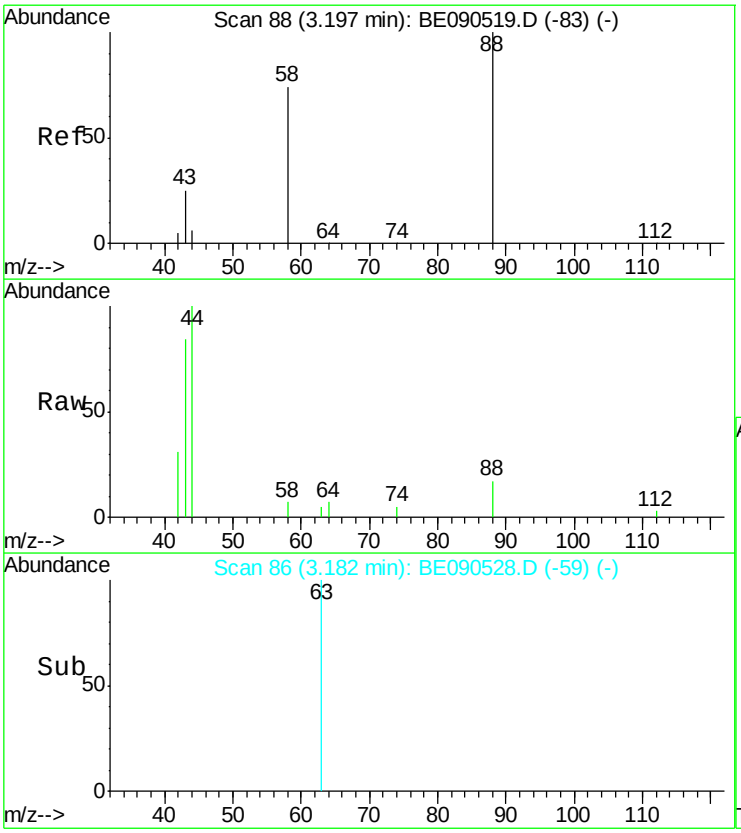
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:152 Resp: 23279

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.4
115	65.8	48.9	73.3

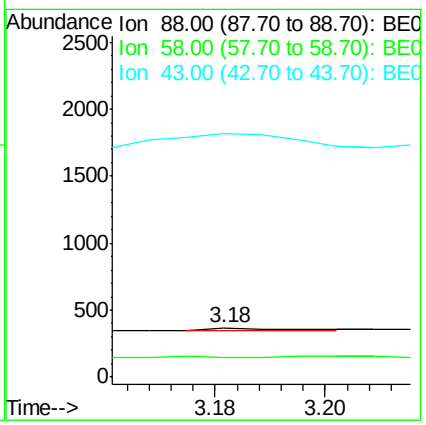


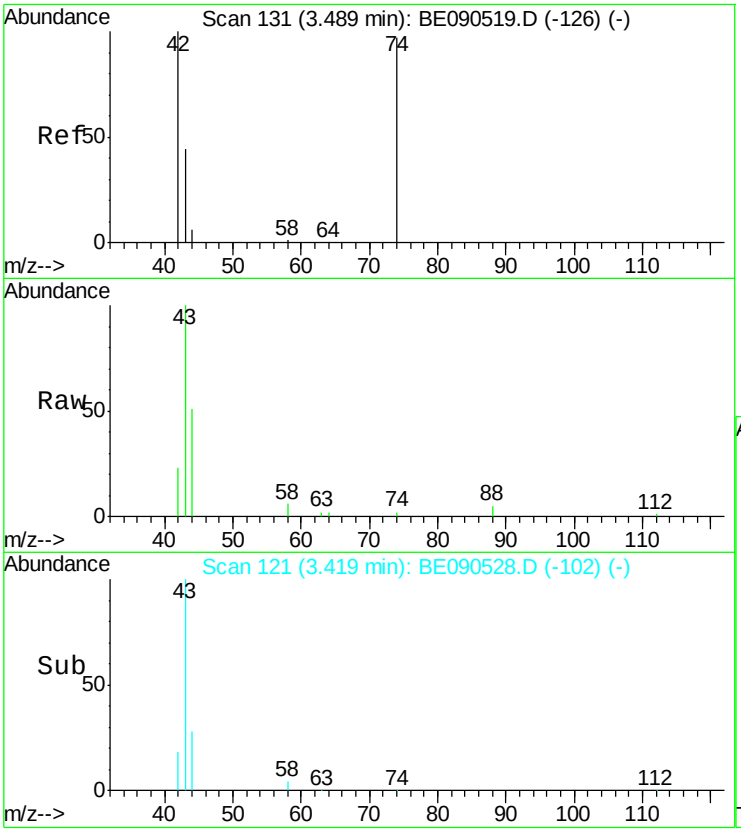


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	2415.8	28.4	42.6#



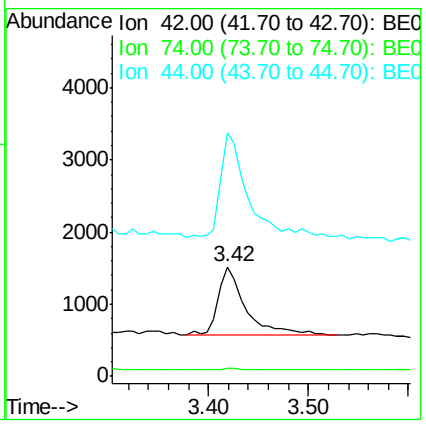


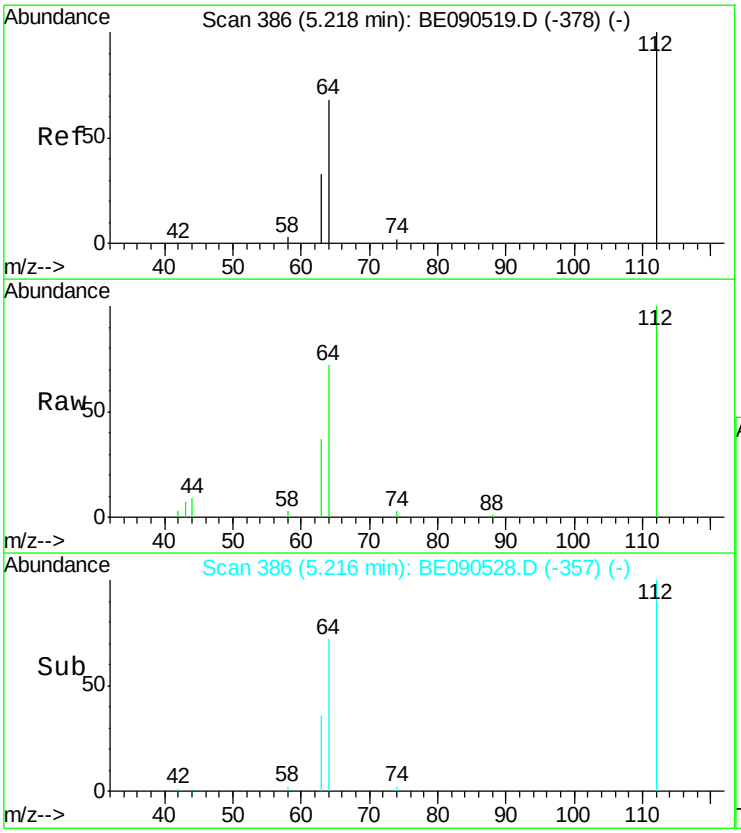
#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.42 min Scan# 121
Delta R.T. -0.07 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion: 42 Resp: 1838

Ion	Ratio	Lower	Upper
42	100		
74	2.0	75.2	112.8#
44	179.8	8.7	13.1#

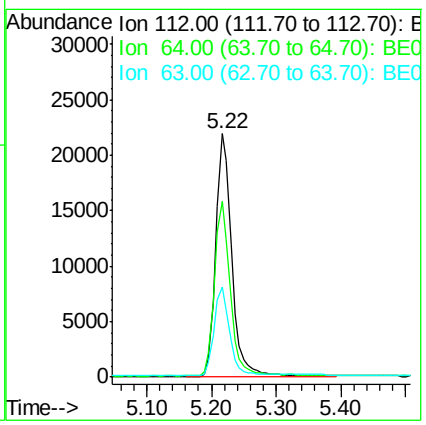


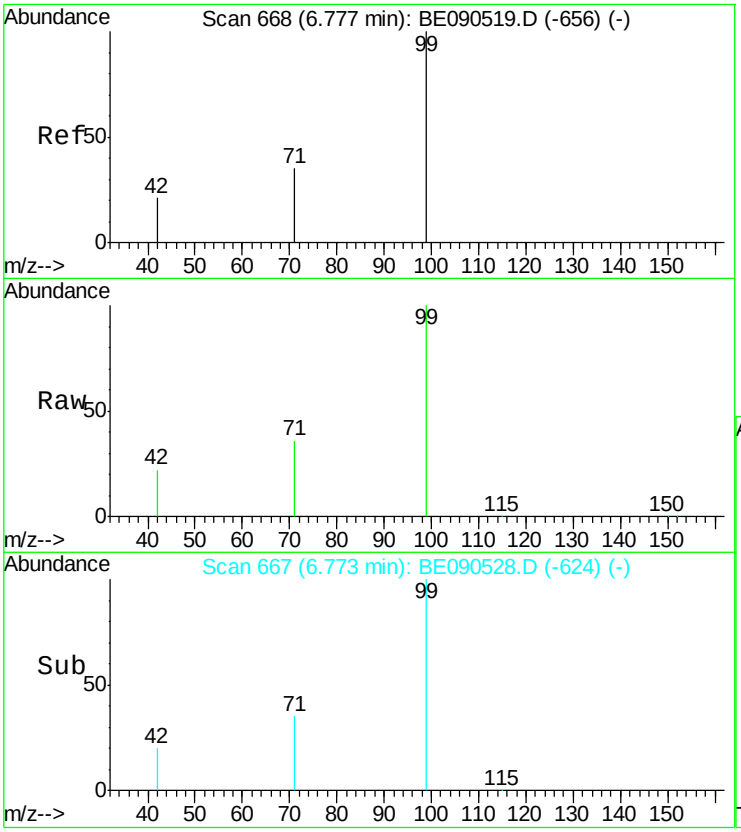


#4
2-Fluorophenol
Concen: 5.54 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:112 Resp: 37304

Ion	Ratio	Lower	Upper
112	100		
64	71.9	37.1	55.7#
63	35.7	19.5	29.3#



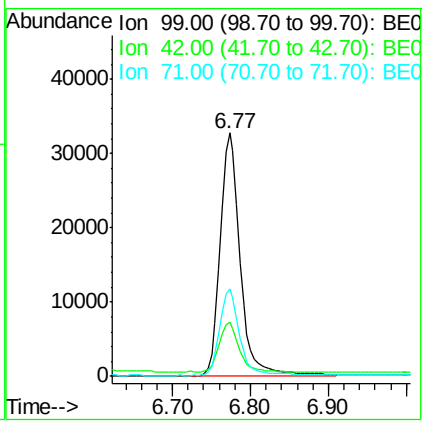


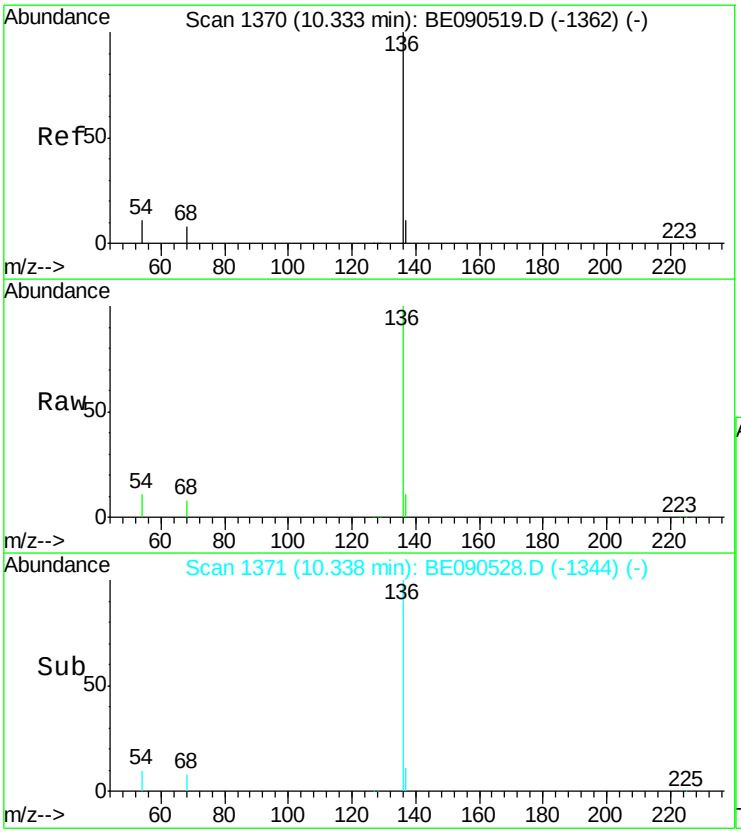
#5
Phenol-d6
Concen: 5.87 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion: 99 Resp: 58091

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.4
71	35.8	27.4	41.0

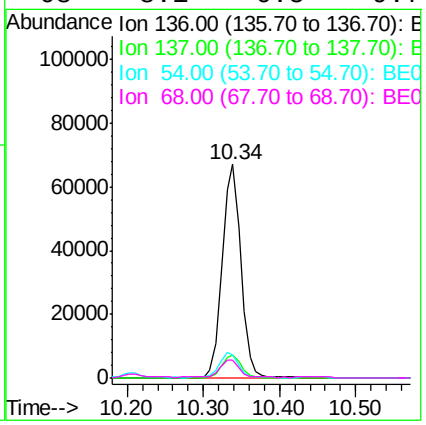


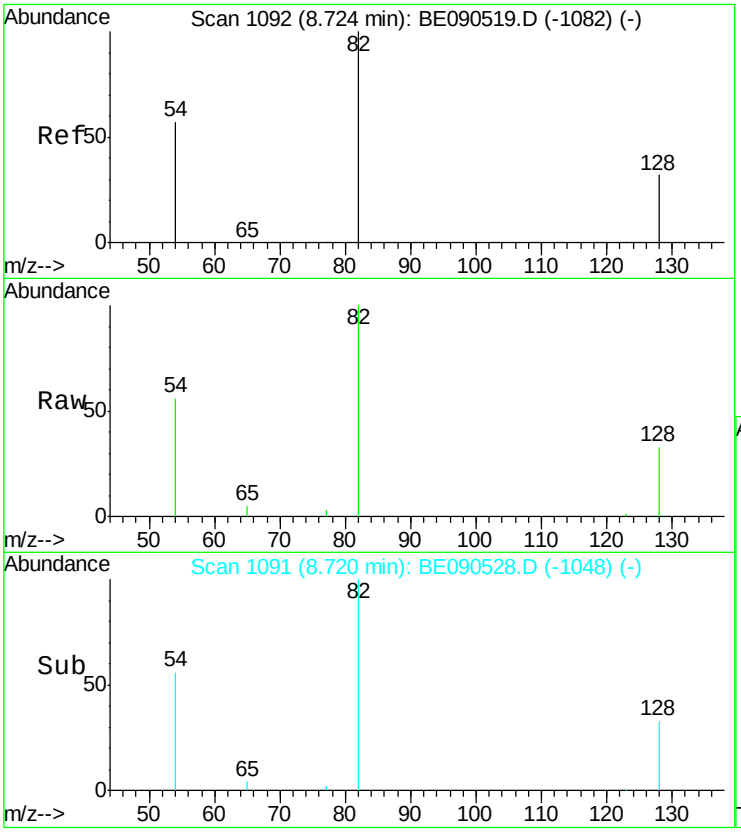


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:136 Resp: 113167

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.9	9.4	14.0
68	8.1	6.5	9.7



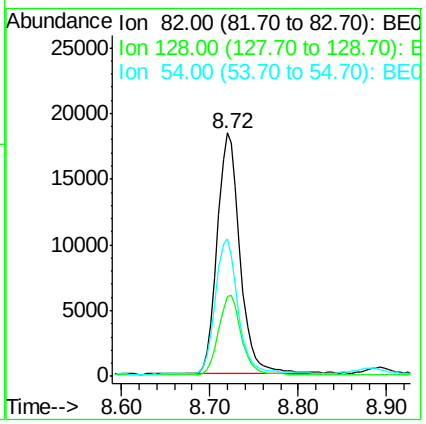


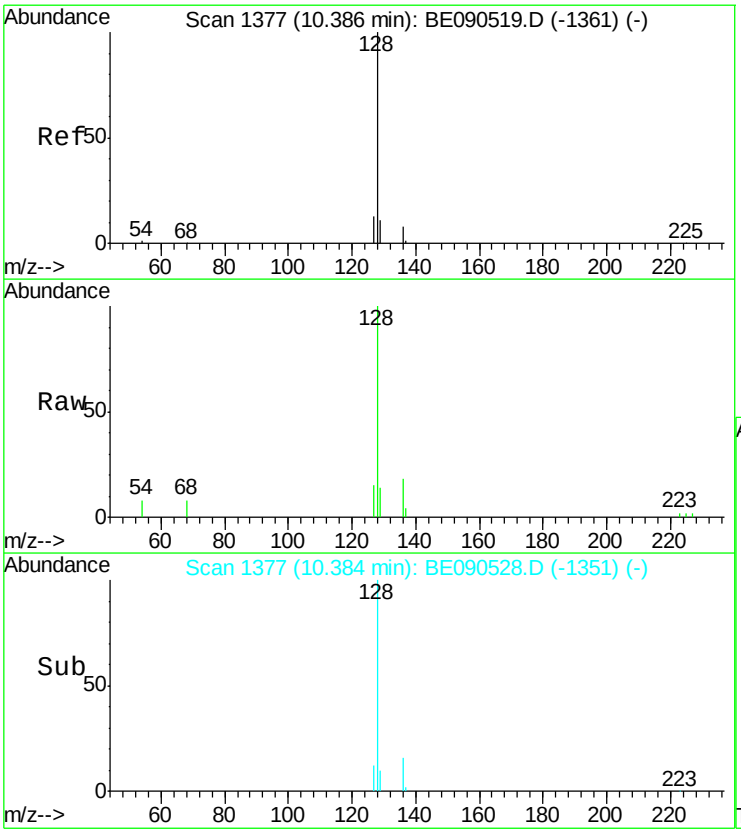
#7
Nitrobenzene-d5
Concen: 3.63 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion: 82 Resp: 32745

Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.0	37.6
54	56.4	48.8	73.2

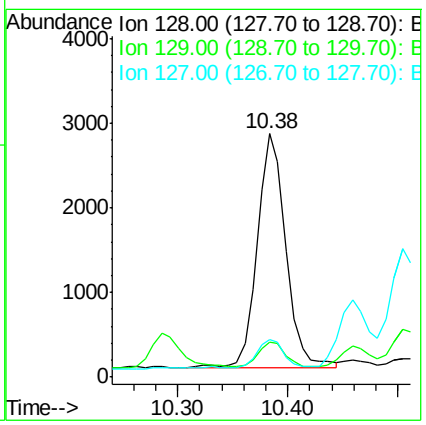


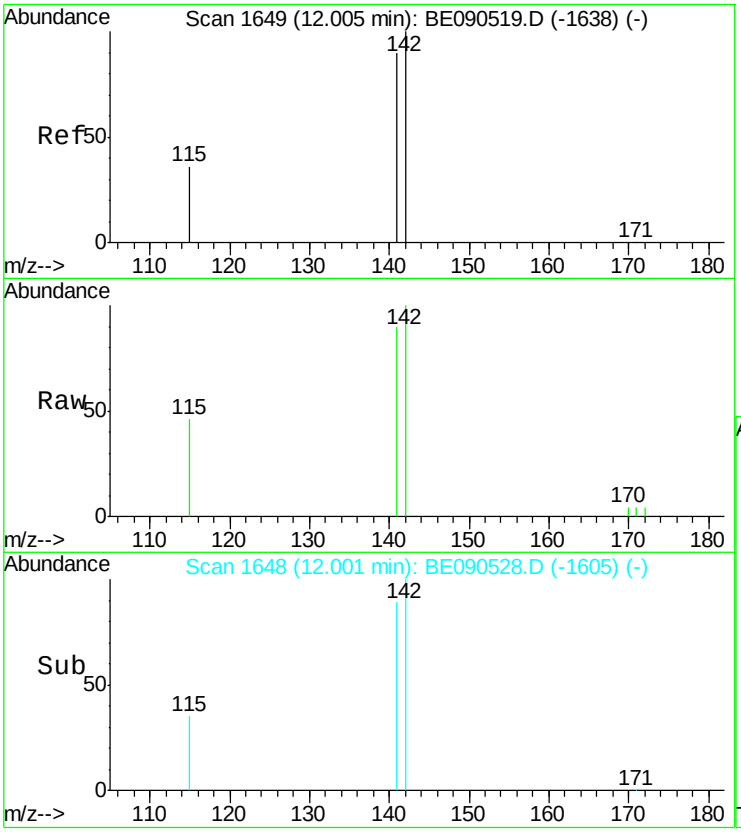


#9
Naphthalene
Concen: 0.20 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:128 Resp: 5059

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.8	14.6
127	15.2	10.6	16.0



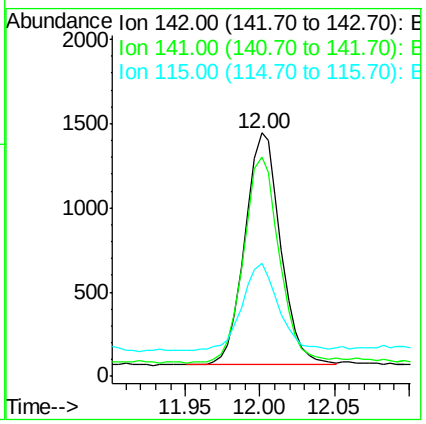


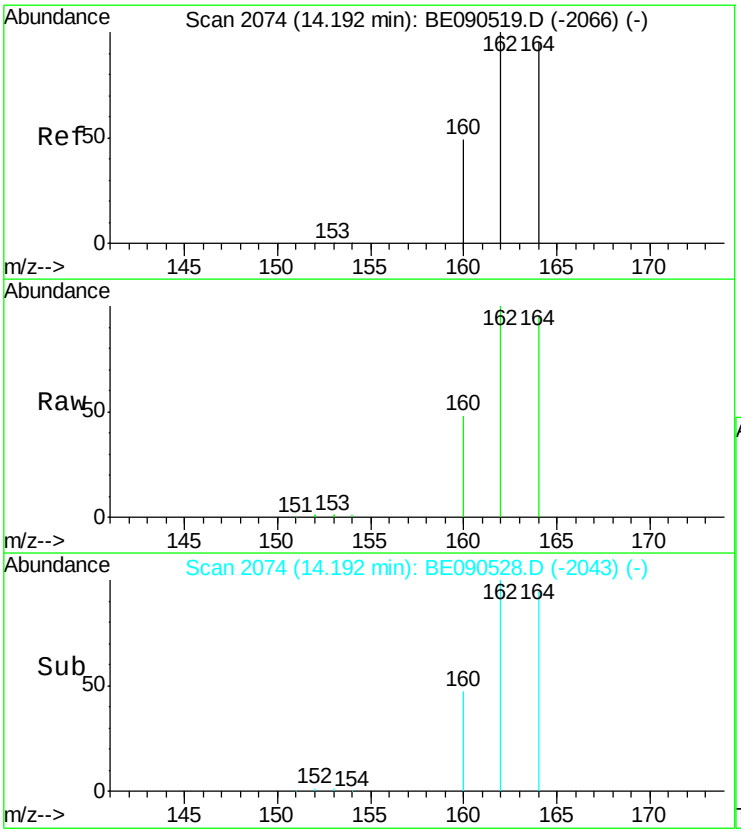
#11
2-Methylnaphthalene
Concen: 0.14 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:142 Resp: 2298

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	109.0
115	46.4	31.6	47.4

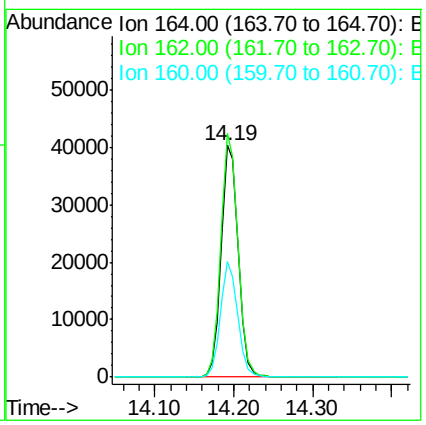


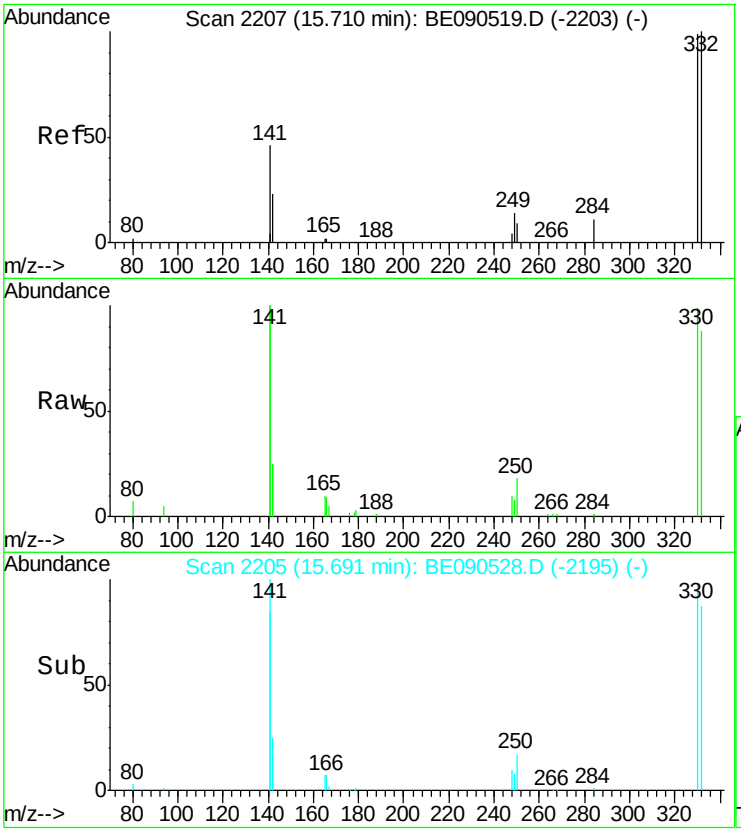


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:164 Resp: 59927

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.8	122.8
160	49.9	44.2	66.4



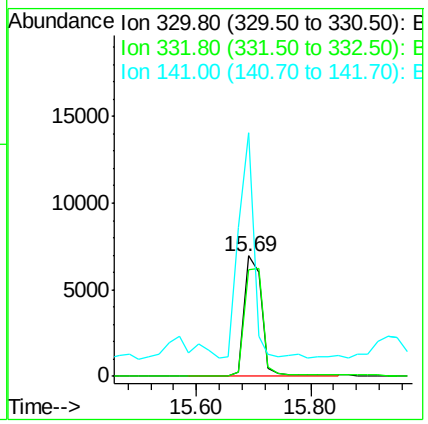


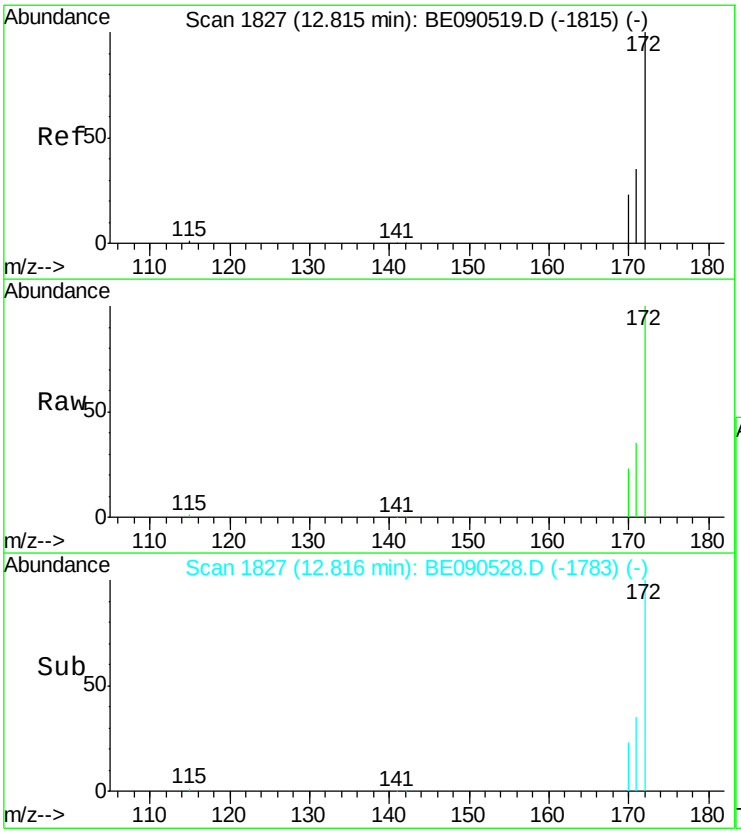
#13
2,4,6-Tribromophenol
Concen: 6.29 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:330 Resp: 14504

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	161.3	114.4	171.6

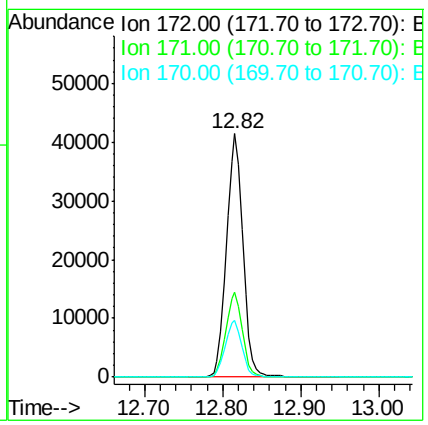


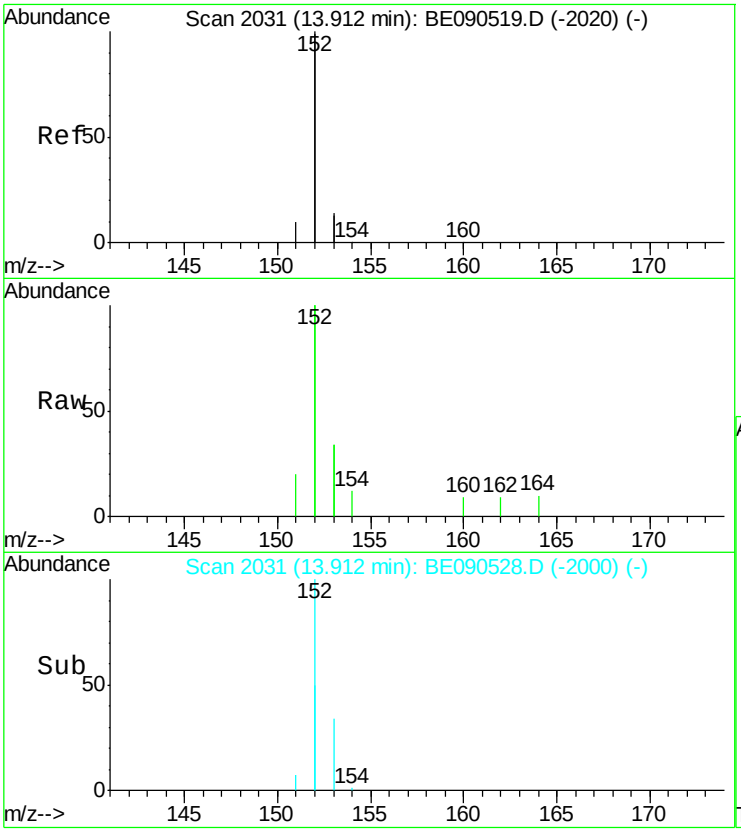


#14
2-Fluorobiphenyl
Concen: 3.38 ng
RT: 12.82 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:172 Resp: 60528

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	19.8	29.8



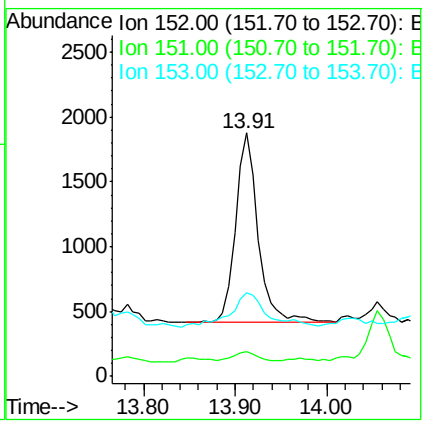


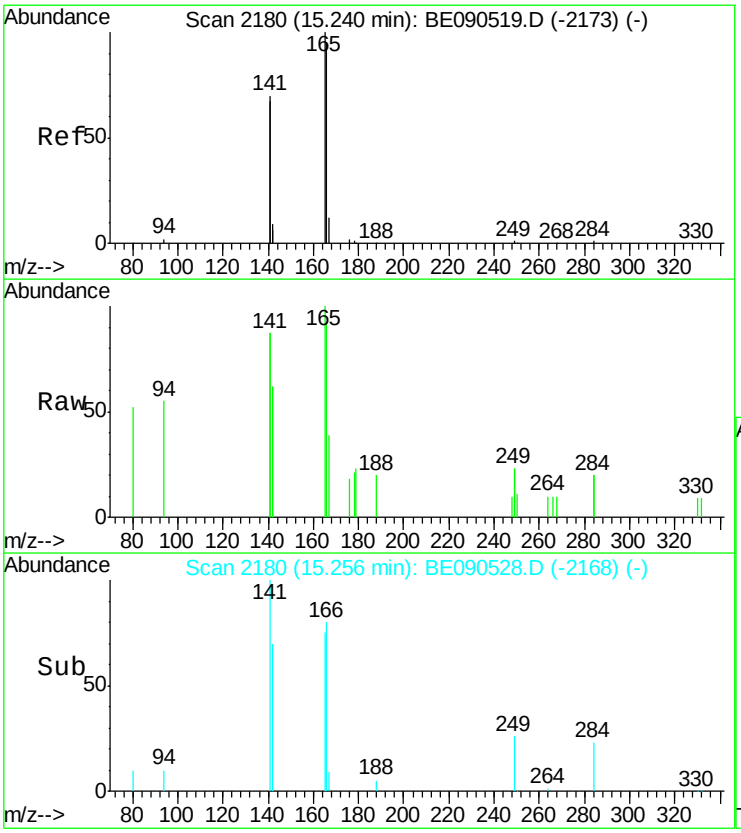
#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:152 Resp: 2474

Ion	Ratio	Lower	Upper
152	100		
151	5.2	3.8	5.8
153	30.0	10.3	15.5#

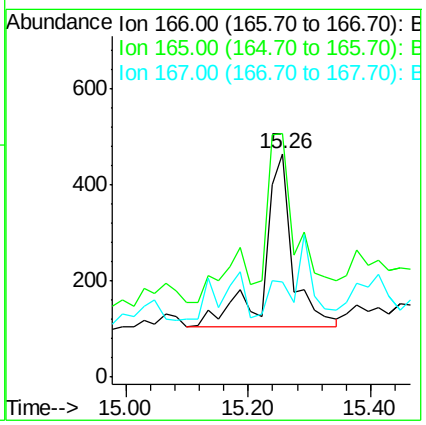


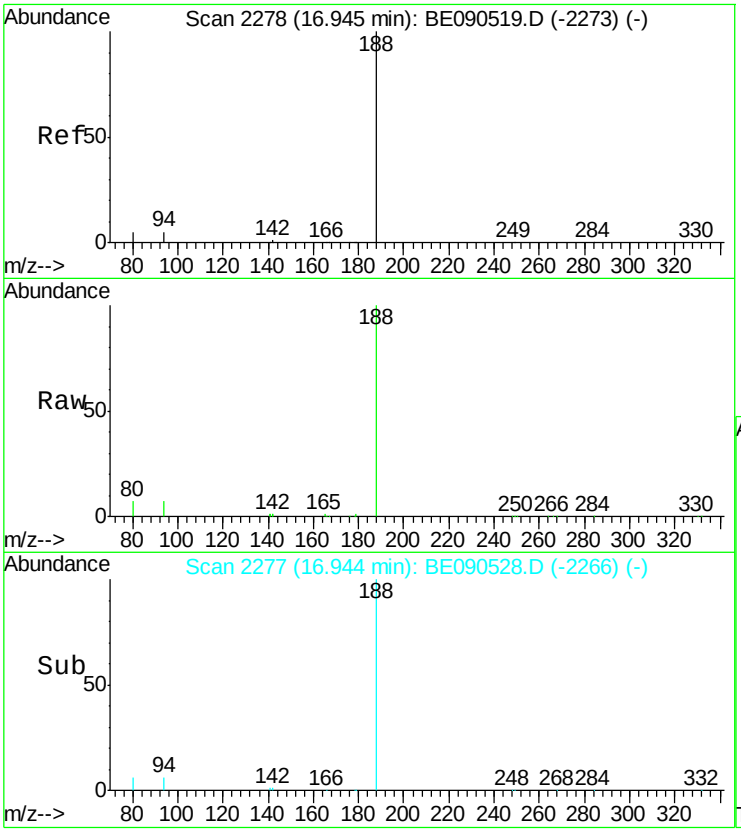


#17
Fluorene
Concen: 0.06 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:166 Resp: 1164

Ion	Ratio	Lower	Upper
166	100		
165	132.3	81.5	122.3#
167	0.0	11.4	17.0#



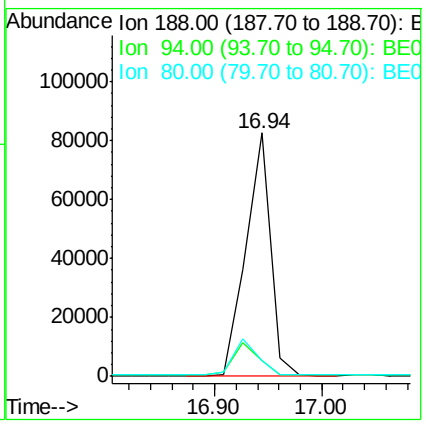


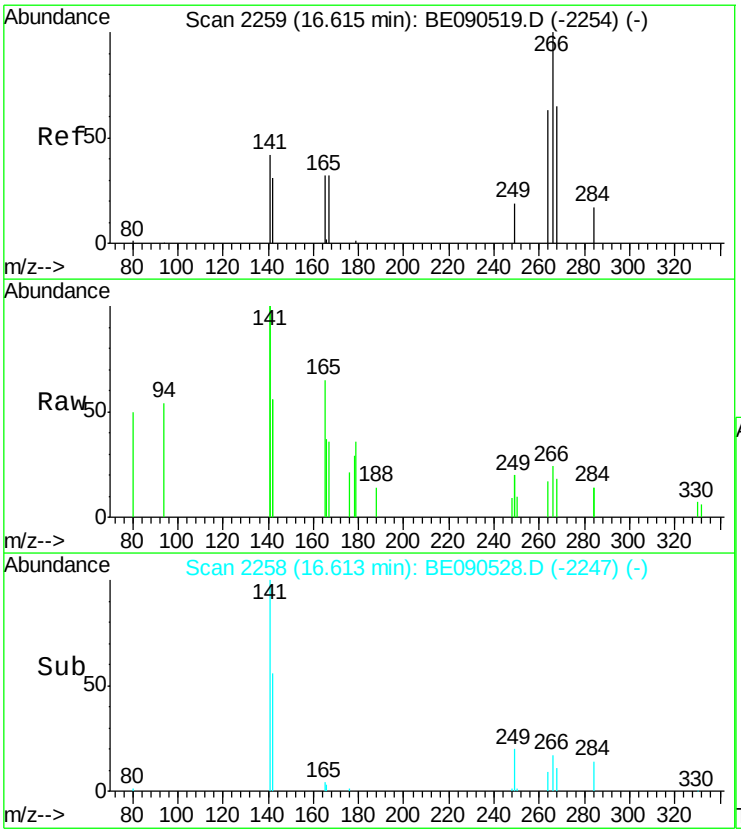
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:188 Resp: 131370

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	6.6	5.8	8.8

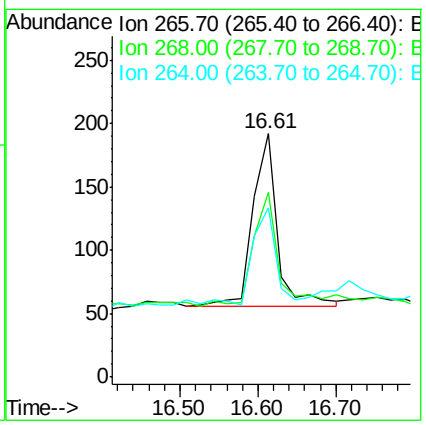


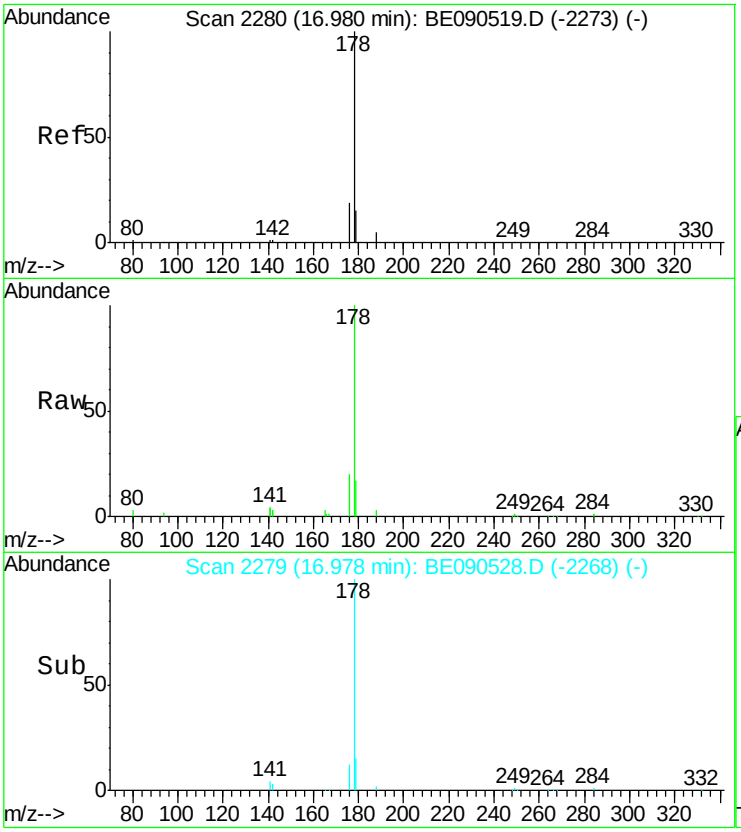


#21
Pentachlorophenol
Concen: 0.40 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:266 Resp: 299

Ion	Ratio	Lower	Upper
266	100		
268	76.0	58.5	87.7
264	69.8	56.0	84.0



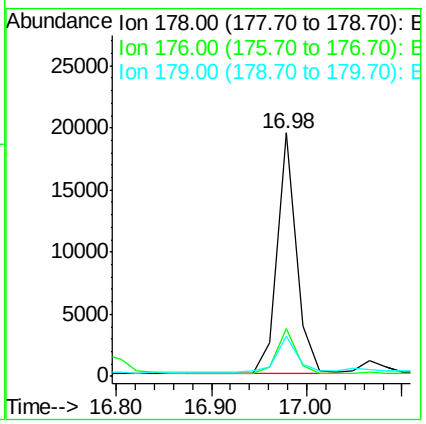


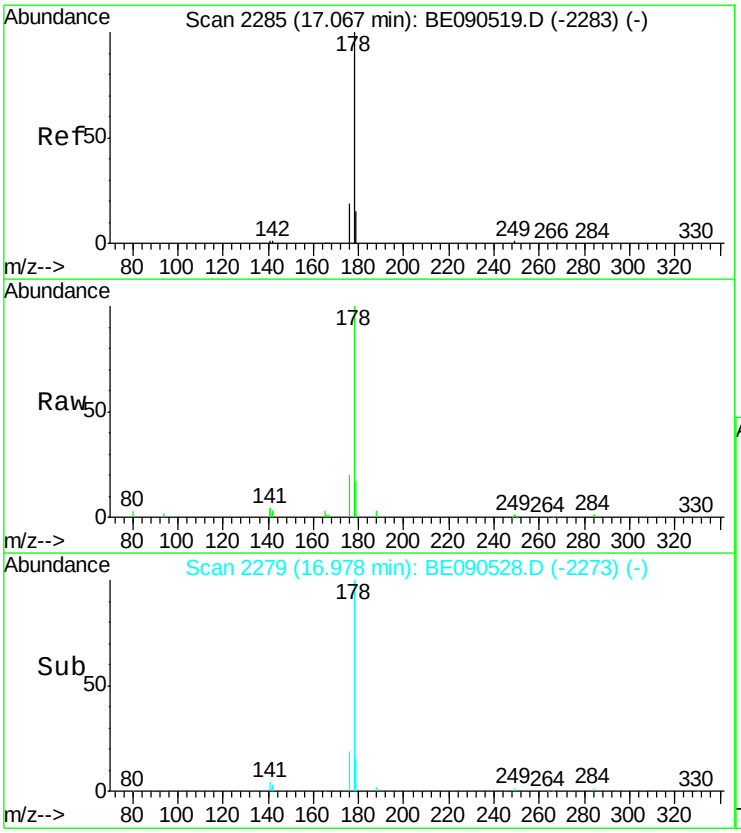
#22
Phenanthrene
Concen: 0.80 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:178 Resp: 27437

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	18.5	12.5	18.7

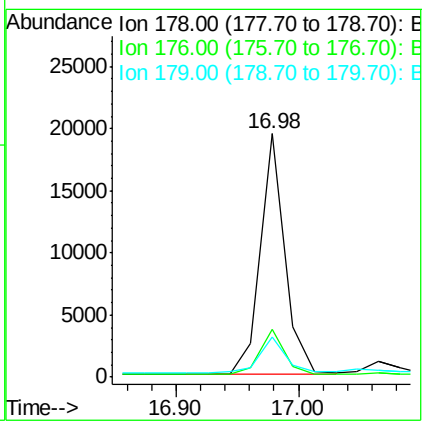


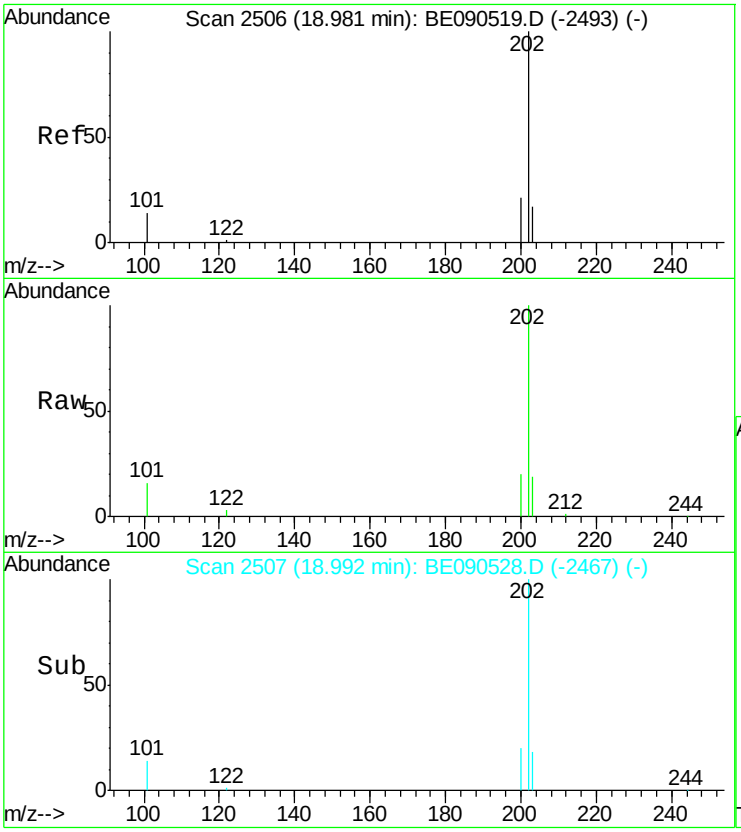


#23
Anthracene
Concen: 0.86 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.09 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:178 Resp: 27220

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	17.1	12.2	18.4



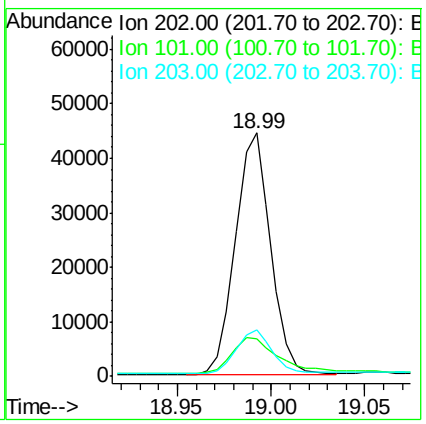


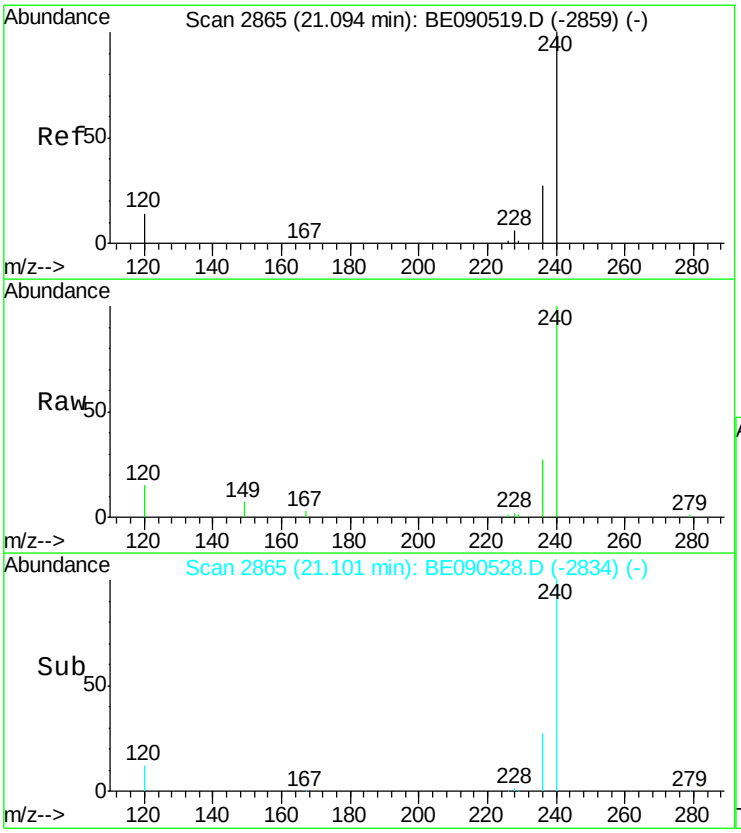
#24
Fluoranthene
Concen: 1.57 ng
RT: 18.99 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:202 Resp: 57732

Ion	Ratio	Lower	Upper
202	100		
101	22.8	10.3	15.5#
203	17.8	13.7	20.5

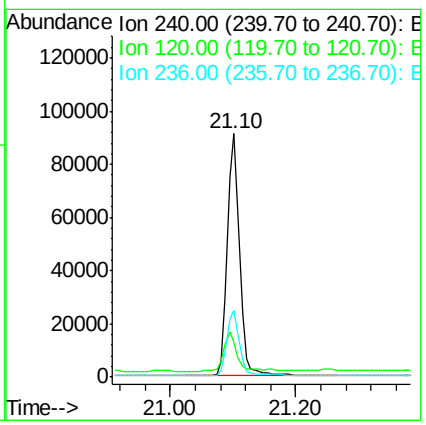


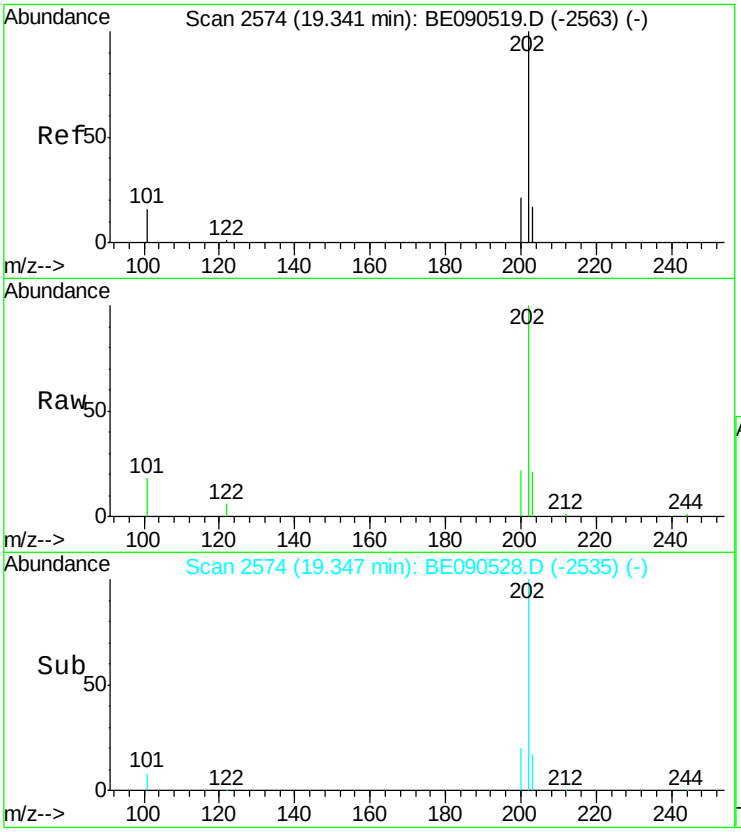


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:240 Resp: 125518

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.3	12.5#
236	27.4	21.0	31.4



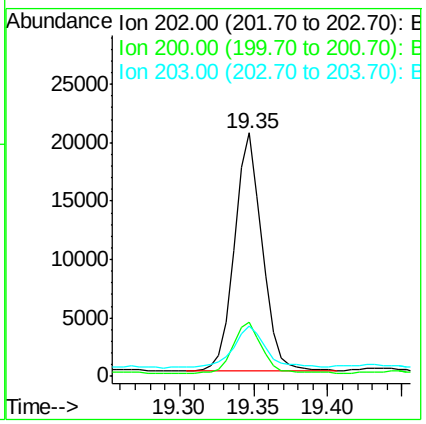


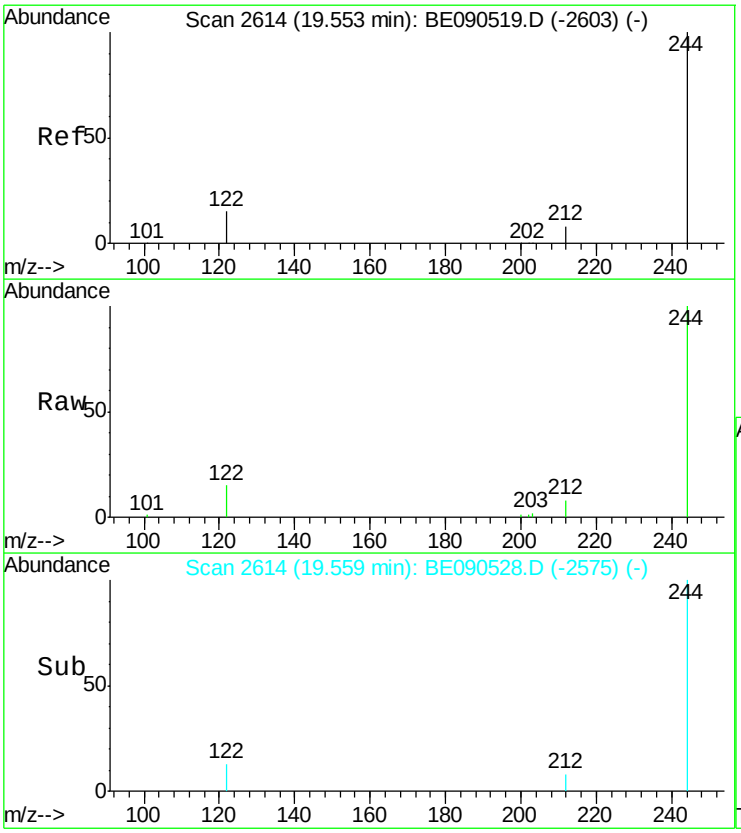
#26
Pyrene
Concen: 0.74 ng
RT: 19.35 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:202 Resp: 26653

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	19.7	13.8	20.8

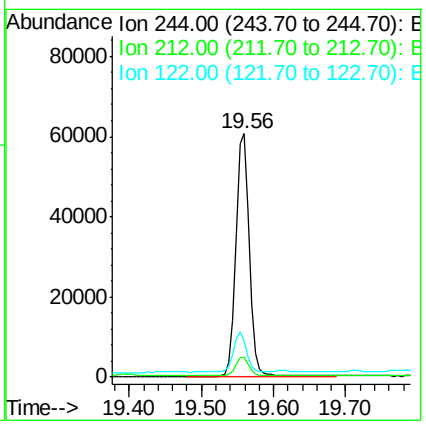


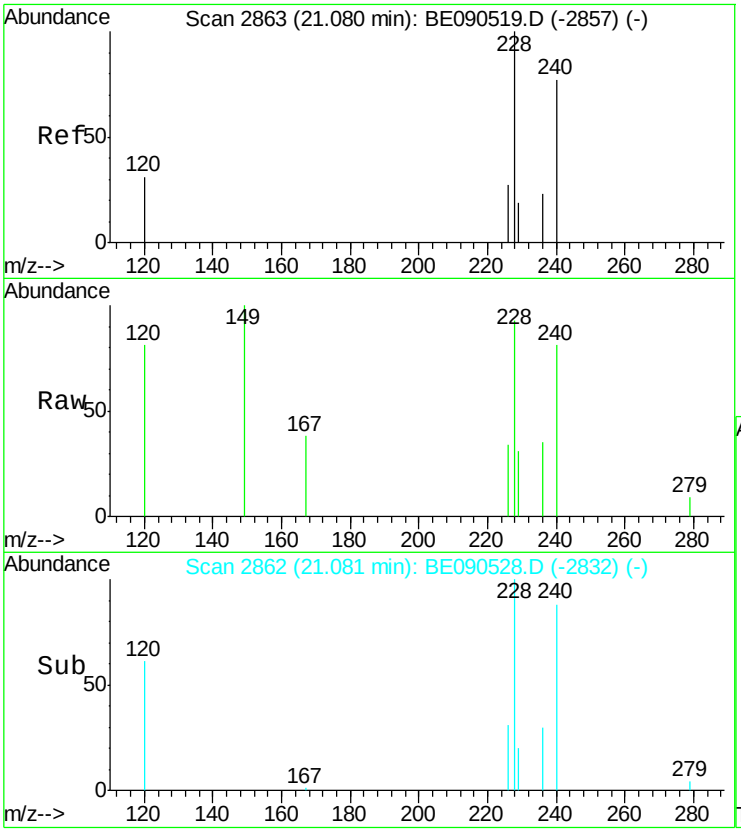


#27
Terphenyl-d14
Concen: 3.38 ng
RT: 19.56 min Scan# 2614
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:244 Resp: 77495

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	14.6	10.2	15.4



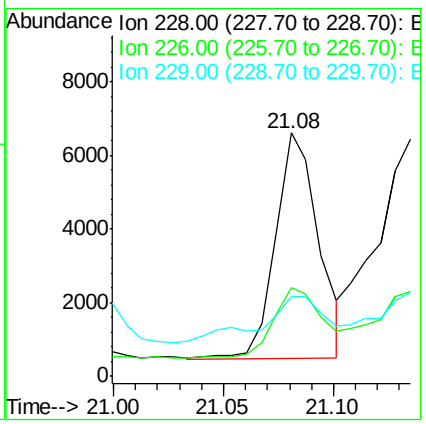


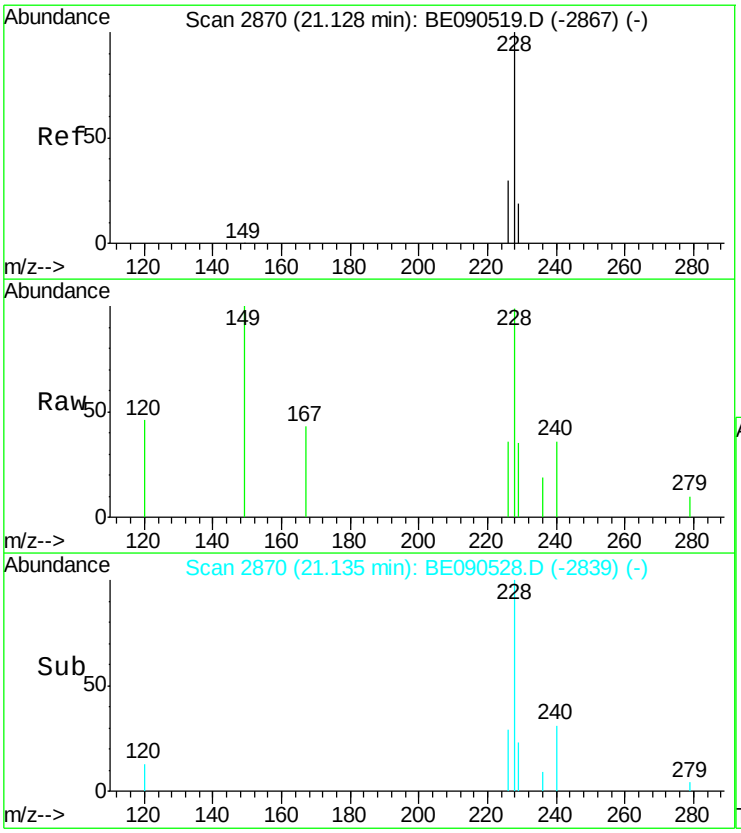
#28
Benzo(a)anthracene
Concen: 0.25 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:228 Resp: 8378

Ion	Ratio	Lower	Upper
228	100		
226	36.7	21.9	32.9#
229	33.0	15.4	23.0#

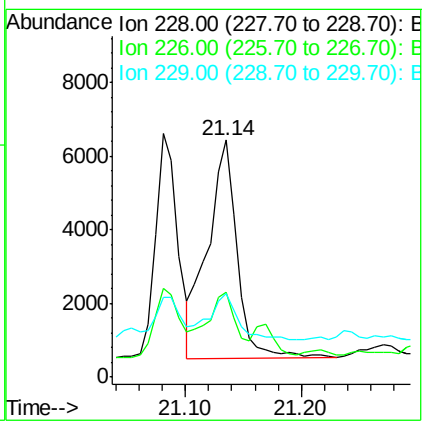


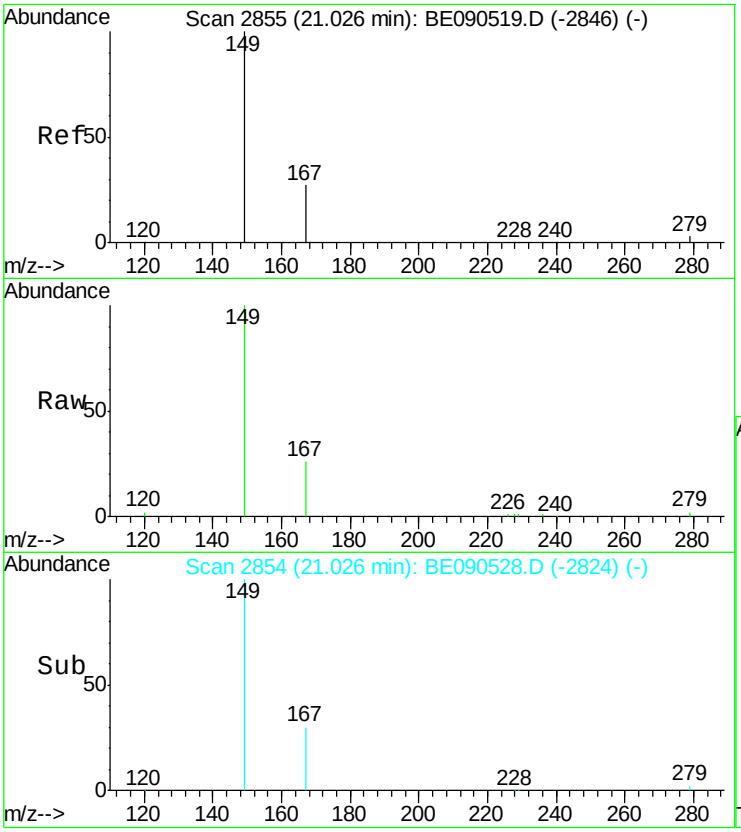


#29
Chrysene
Concen: 0.31 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:228 Resp: 10552

Ion	Ratio	Lower	Upper
228	100		
226	35.9	23.1	34.7#
229	35.3	15.8	23.8#



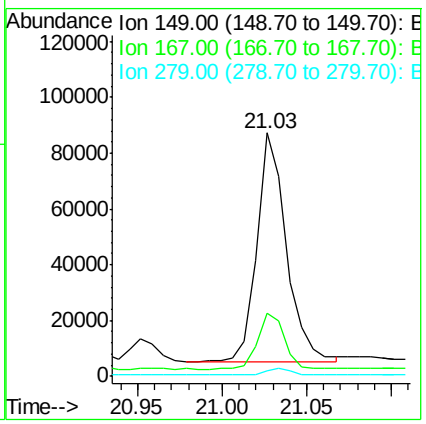


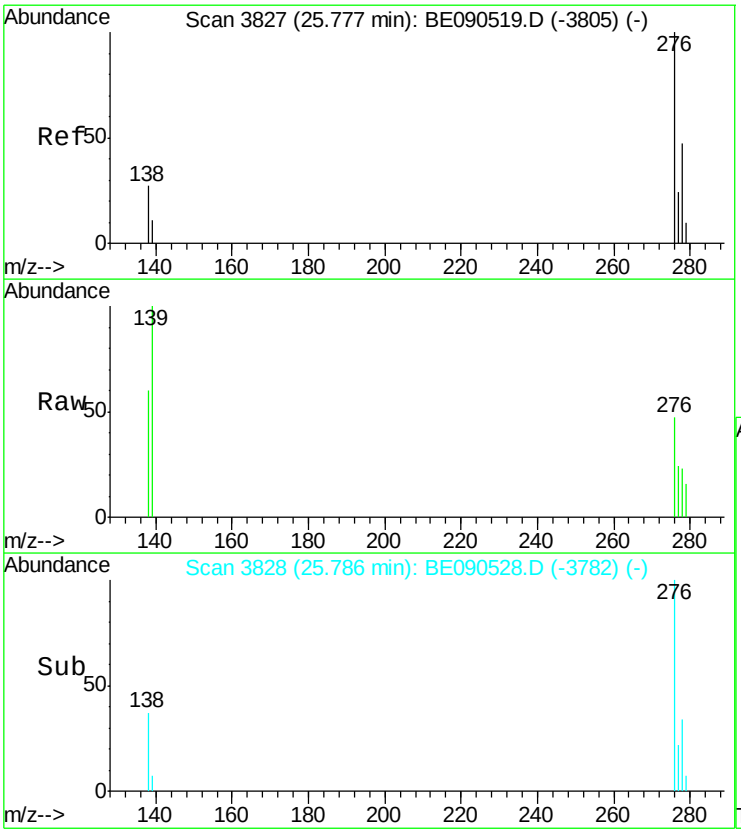
#30
Bis(2-ethylhexyl)phthalate
Concen: 5.01 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:149 Resp: 98801

Ion	Ratio	Lower	Upper
149	100		
167	22.3	19.8	29.8
279	2.7	2.4	3.6

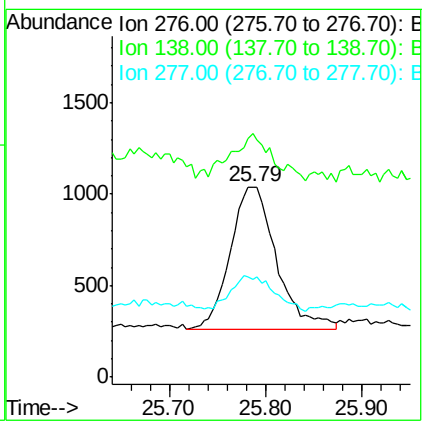


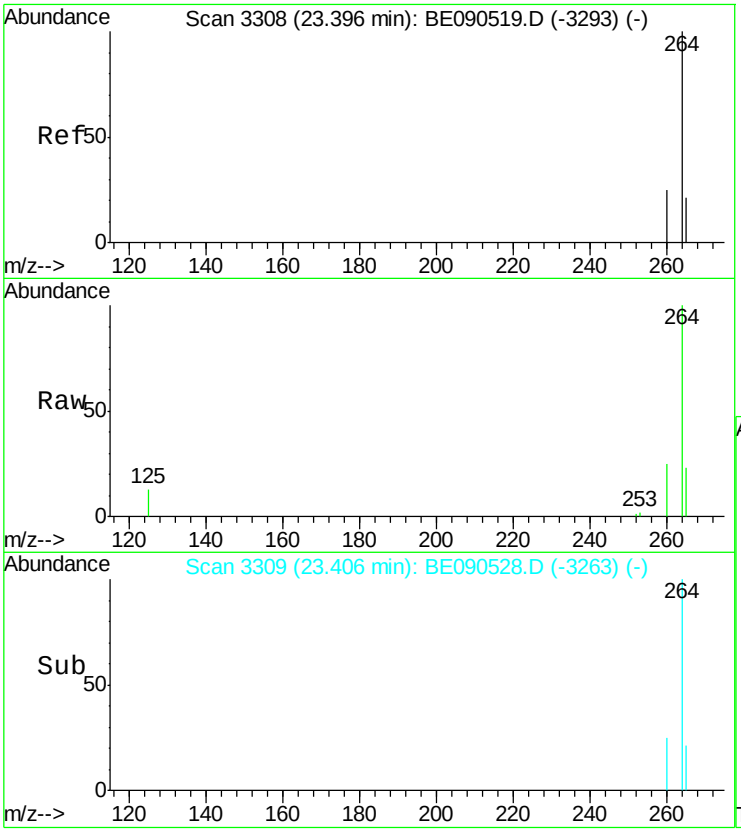


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.79 min Scan# 3828
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:276 Resp: 2635

Ion	Ratio	Lower	Upper
276	100		
138	16.7	18.8	28.2#
277	22.9	18.2	27.4



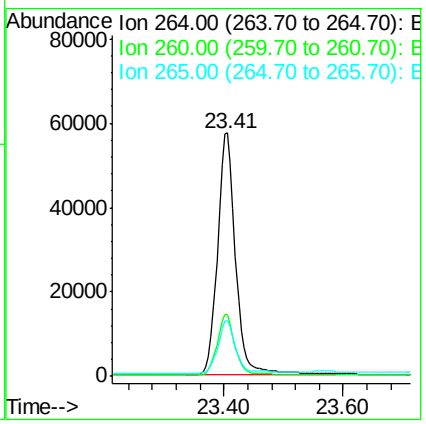


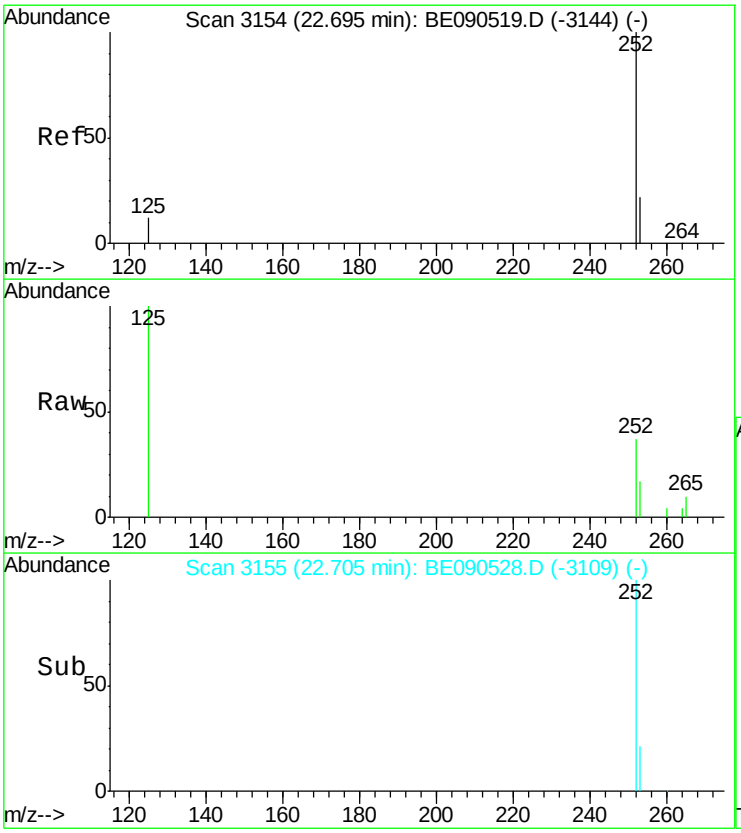
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3309
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:264 Resp: 121483

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	22.8	17.2	25.8

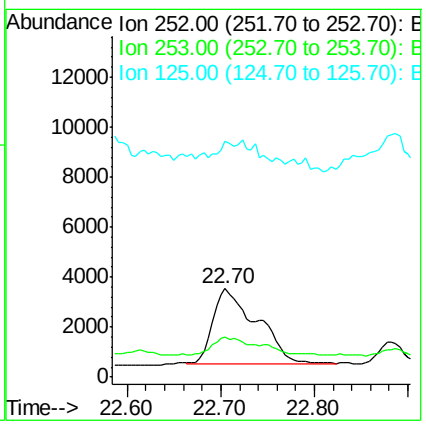


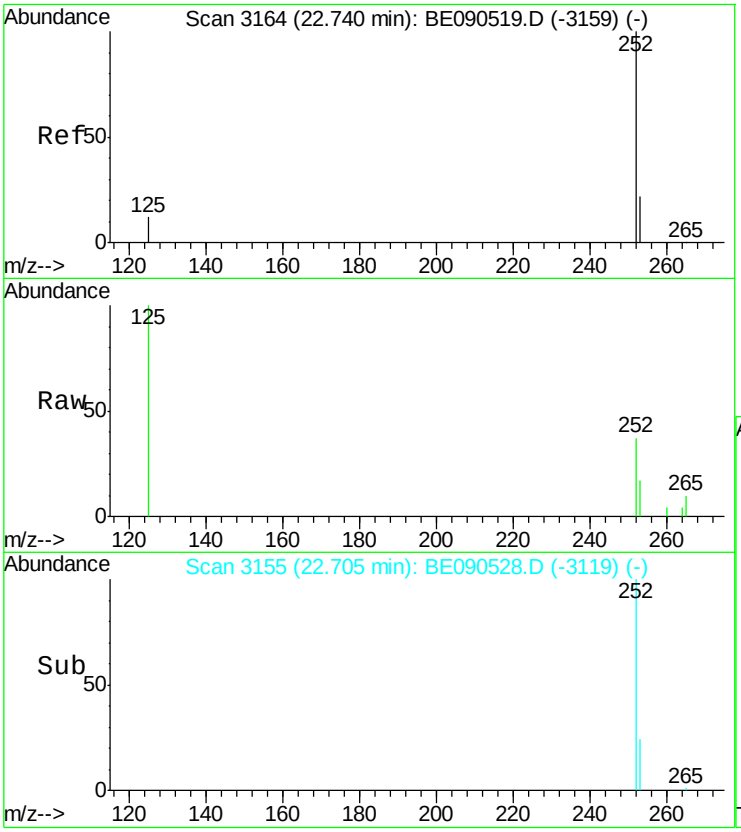


#33
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 22.70 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:252 Resp: 9670

Ion	Ratio	Lower	Upper
252	100		
253	45.6	18.1	27.1#
125	266.7	9.4	14.2#



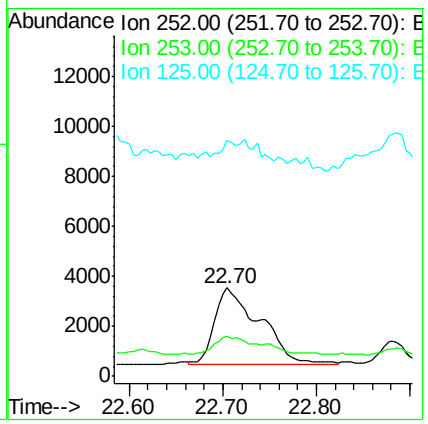


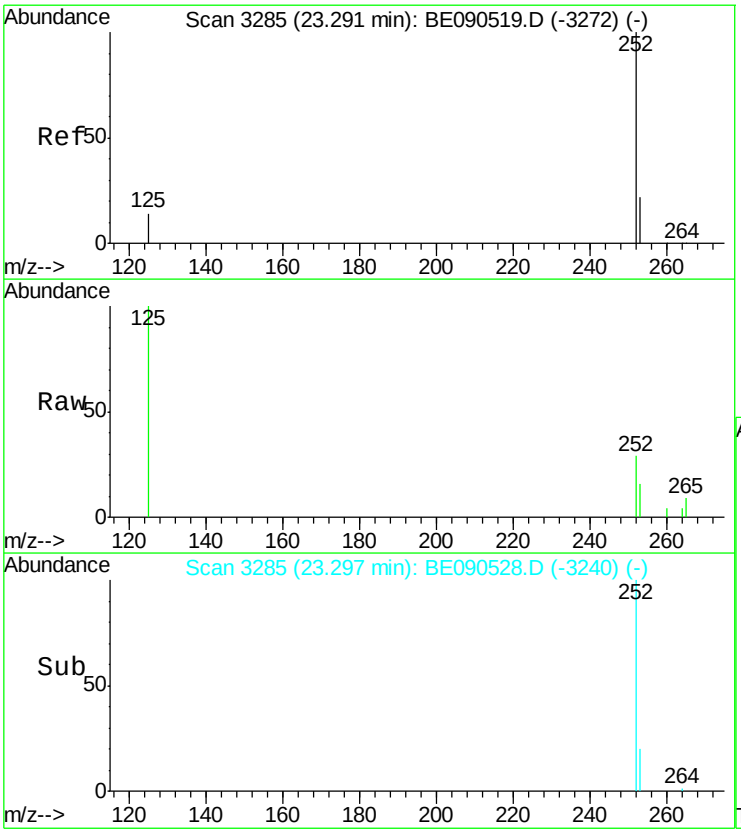
#34
Benzo(k)fluoranthene
Concen: 0.31 ng
RT: 22.70 min Scan# 3155
Delta R.T. -0.04 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:252 Resp: 10220

Ion	Ratio	Lower	Upper
252	100		
253	45.6	18.1	27.1#
125	266.7	9.1	13.7#

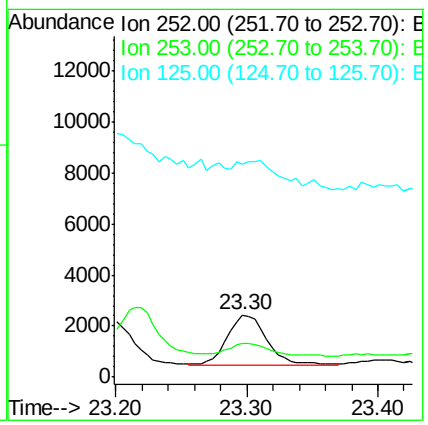


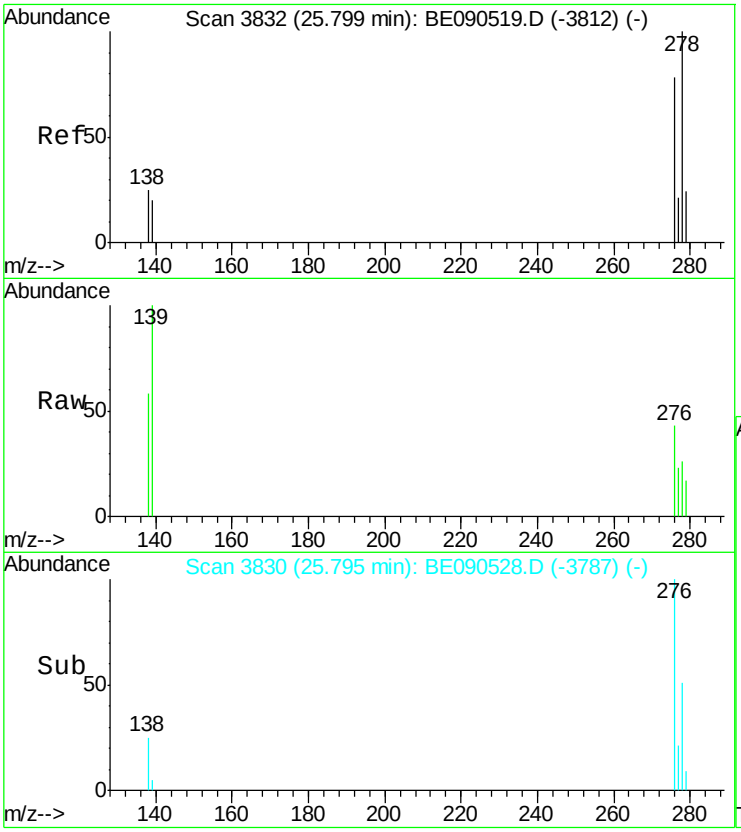


#35
Benzo(a)pyrene
Concen: 0.15 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:252 Resp: 4069

Ion	Ratio	Lower	Upper
252	100		
253	53.7	17.6	26.4#
125	343.9	9.8	14.6#



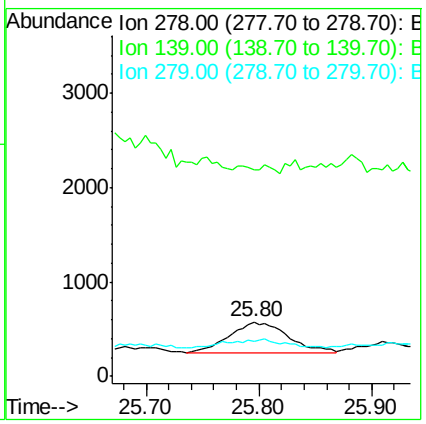


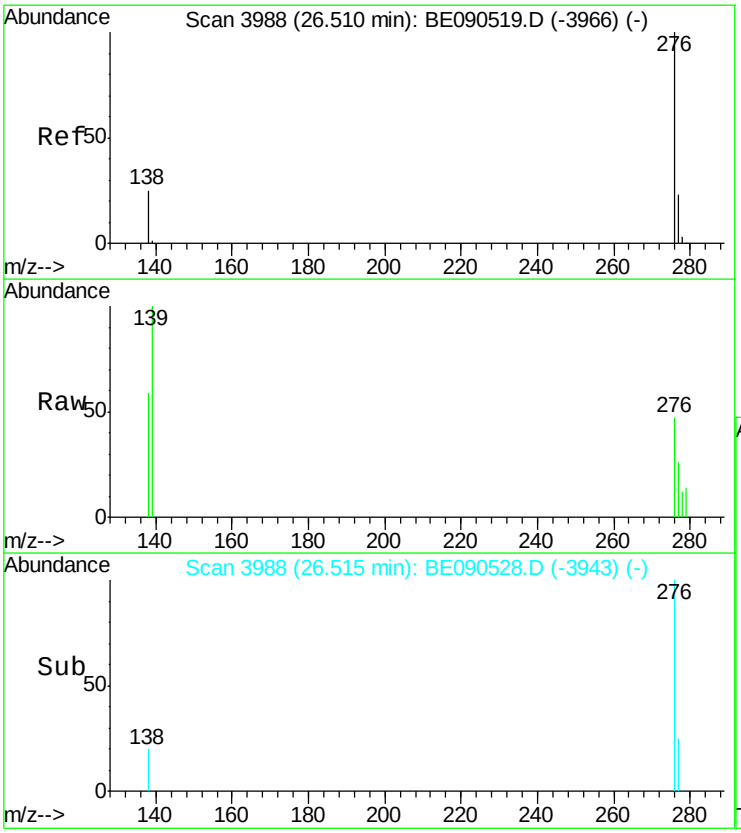
#36
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tgt Ion:278 Resp: 1135

Ion	Ratio	Lower	Upper
278	100		
139	381.6	14.2	21.4#
279	64.9	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.52 min Scan# 3988
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:276 Resp: 2545

Ion	Ratio	Lower	Upper
276	100		
277	55.0	20.1	30.1#
138	126.0	18.1	27.1#