Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089950.D
Acq On : 26 Jun 2015 19:34
Operator : TP/IZ
Sample : PB84222BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84222BL

Quant Time: Jun 27 01:00:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	22515	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	101209	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	60417	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	143114	5.00	ng		0.00
25) Chrysene-d12	21.13	240	158929	5.00	ng		0.00
32) Perylene-d12	23.47	264	140393	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	29200	7.18	ng		0.00
5) Phenol-d6	6.81	99	44628	7.16	ng		0.00
7) Nitrobenzene-d5	8.77	82	29166	3.87	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	5979	5.70	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	69198	3.93	ng		0.00
27) Terphenyl-d14	19.60	244	106081	3.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	128	0.03	ng		94
3) n-Nitrosodimethylamine	3.56	42	185	0.05	ng	#	83
8) Nitrobenzene	8.81	77	926	0.12	ng		97
9) Naphthalene	10.44	128	2601	0.12	ng	#	94
10) Hexachlorobutadiene	10.73	225	316	0.09	ng		95
11) 2-Methylnaphthalene	12.05	142	2491	0.16	ng		97
15) Acenaphthylene	13.96	152	18999	0.18	ng		100
16) Acenaphthene	14.30	154	2887	0.19	ng		98
17) Fluorene	15.29	166	4232	0.21	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	1160	0.20	ng		98
20) Hexachlorobenzene	16.30	284	5153	0.20	ng		98
21) Pentachlorophenol	16.63	266	440	0.73	ng		94
22) Phenanthrene	17.01	178	7074	0.20	ng		98
23) Anthracene	17.10	178	6219	0.19	ng		98
24) Fluoranthene	19.02	202	7372	0.19	ng		100
26) Pyrene	19.38	202	7693	0.19	ng		99
28) Benzo(a)anthracene	21.12	228	7835	0.21	ng		98
29) Chrysene	21.17	228	8260	0.20	ng		99
30) Bis(2-ethylhexyl)phthalate	21.07	149	980	0.30	ng	#	98
31) Indeno(1,2,3-cd)pyrene	25.88	276	6061	0.20	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	6076	0.20	ng		96
34) Benzo(k)fluoranthene	22.80	252	6267	0.19	ng		97
35) Benzo(a)pyrene	23.36	252	5331	0.20	ng	#	96
36) Dibenzo(a,h)anthracene	25.90	278	4816	0.20	ng	#	93
37) Benzo(g,h,i)perylene	26.62	276	5266	0.20	ng		92

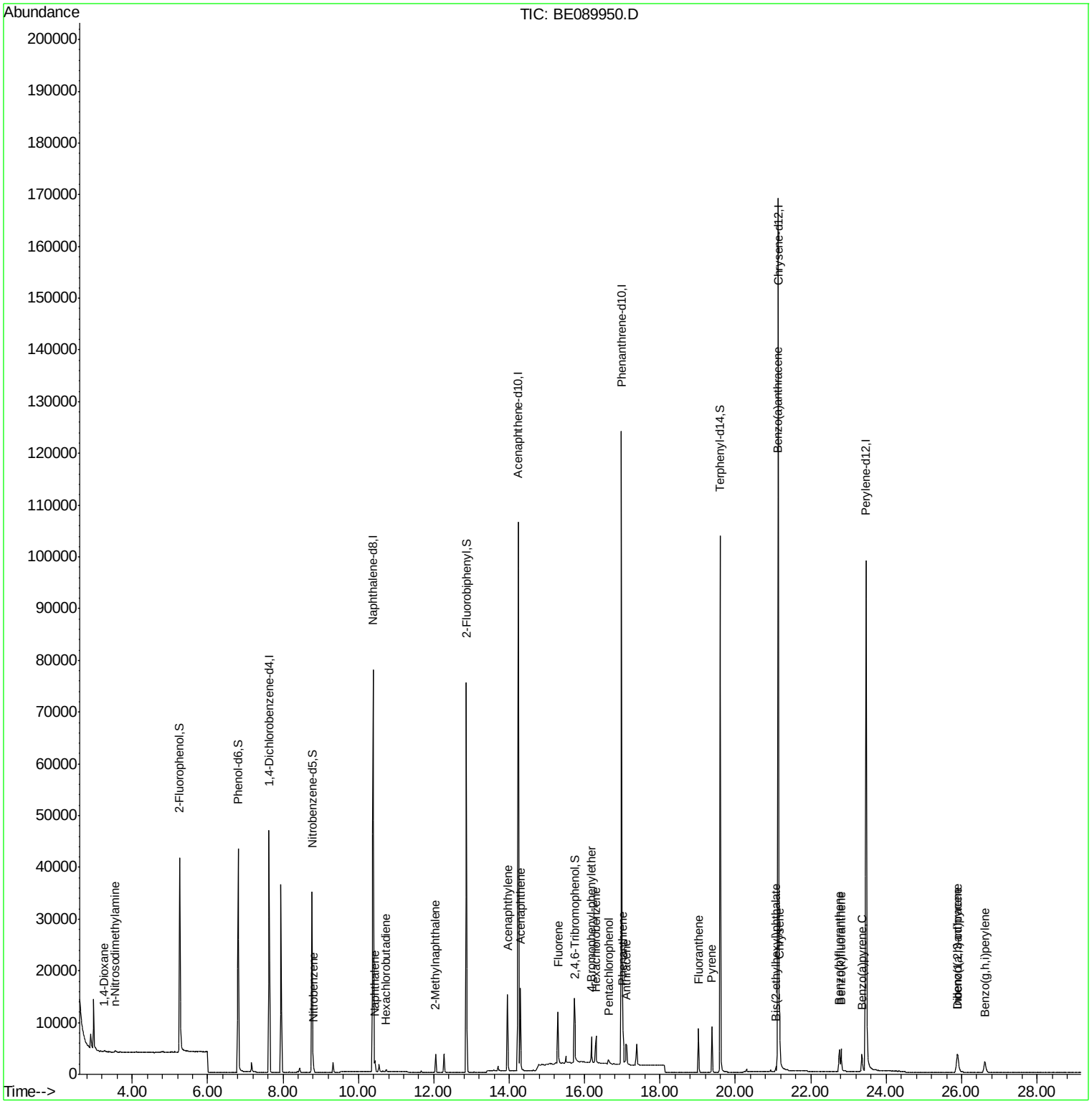
(#) = qualifier out of range (m) = manual integration (+) = signals summed

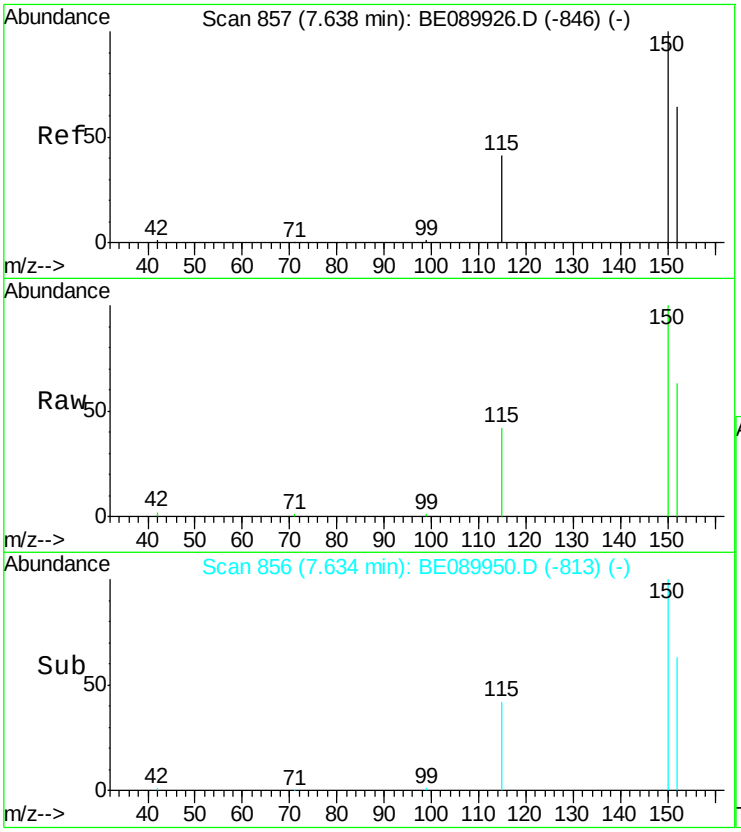
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089950.D
Acq On : 26 Jun 2015 19:34
Operator : TP/IZ
Sample : PB84222BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Quant Time: Jun 27 01:00:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



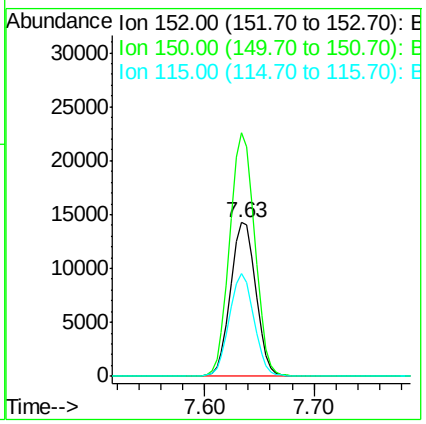


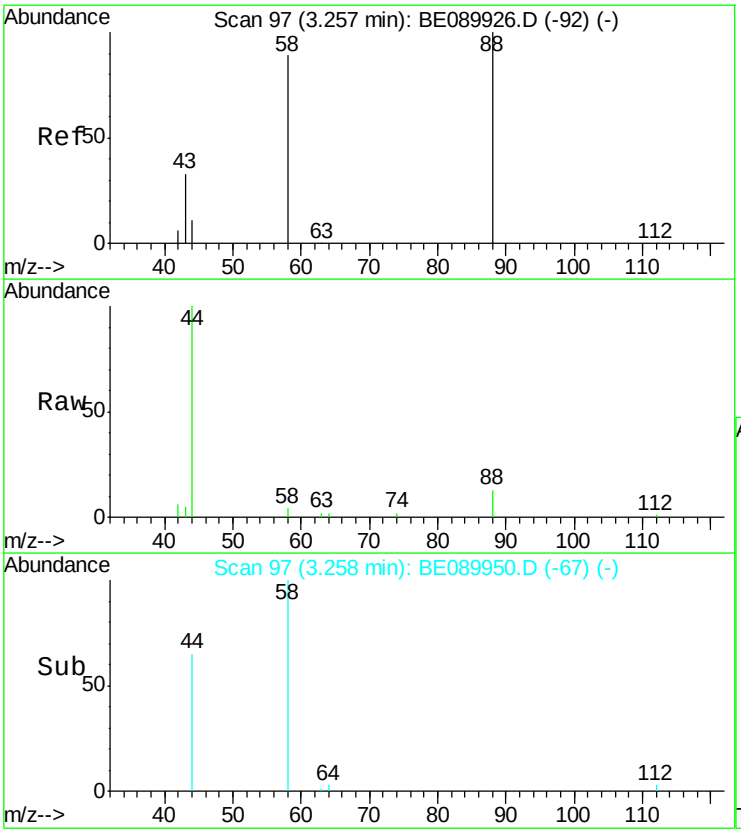
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:152 Resp: 22515

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	66.9	51.6	77.4

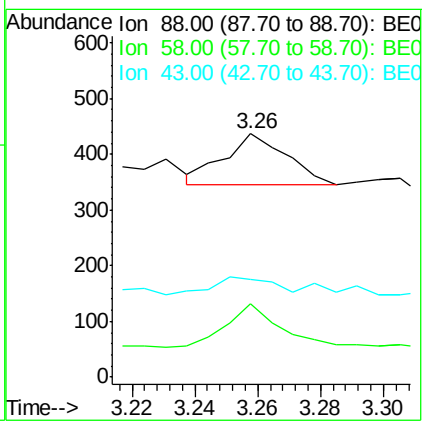


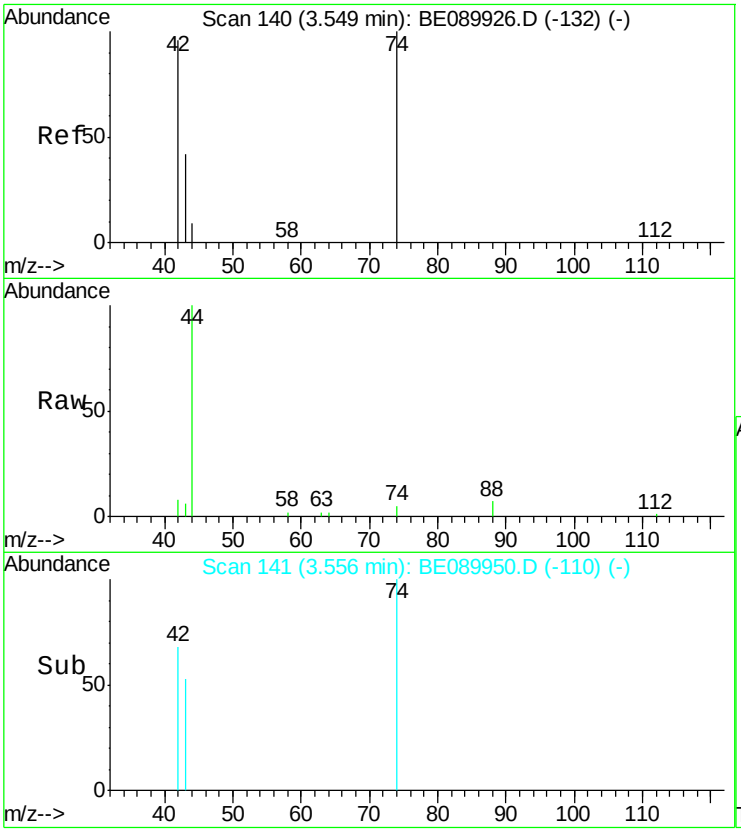


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
58	82.8	70.8	106.2
43	31.3	26.8	40.2



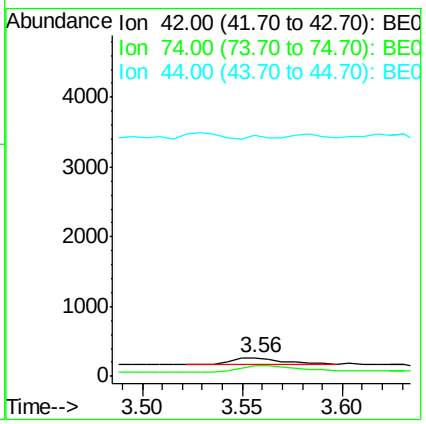


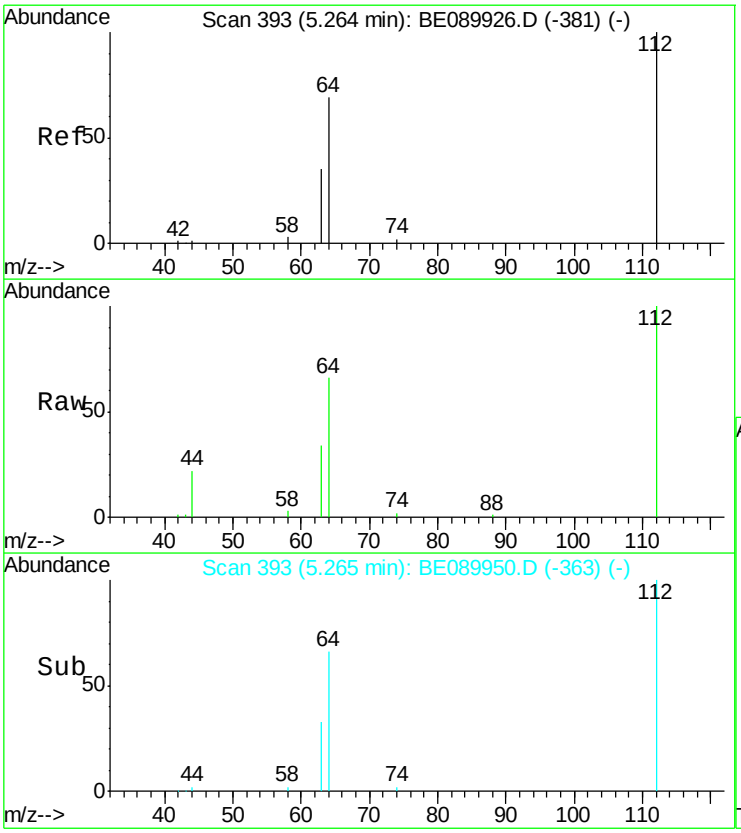
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.56 min Scan# 141
Delta R.T. 0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion: 42 Resp: 185

Ion	Ratio	Lower	Upper
42	100		
74	123.2	85.4	128.2
44	0.0	8.4	12.6#

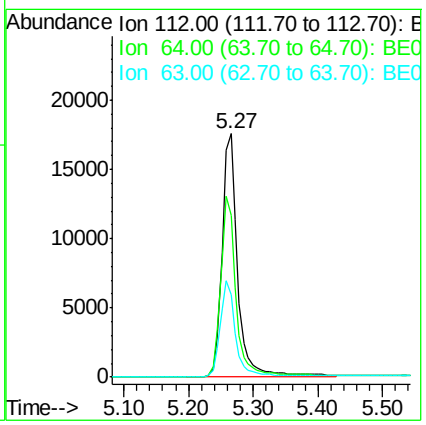


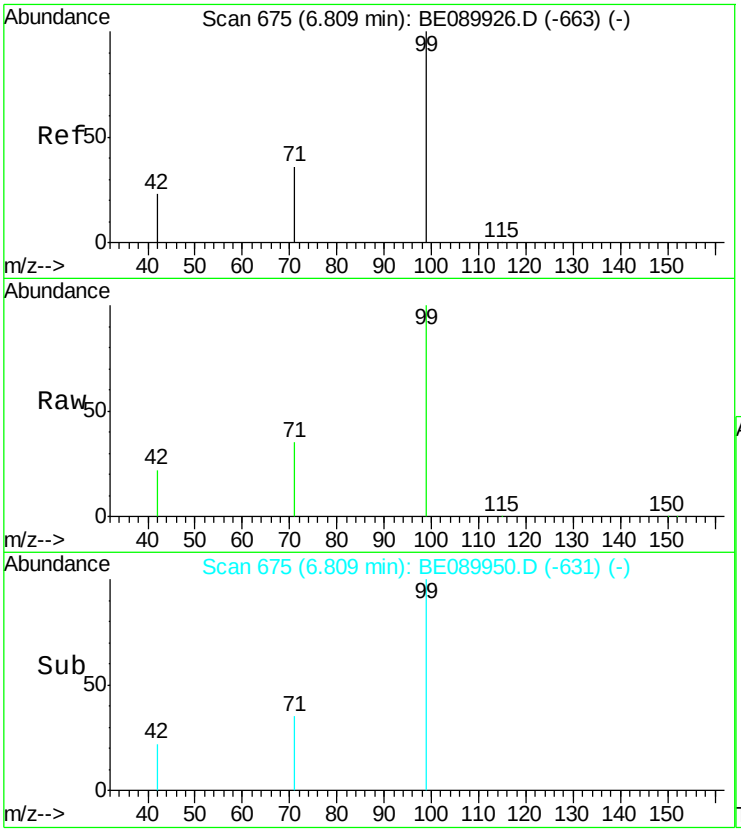


#4
2-Fluorophenol
Concen: 7.18 ng
RT: 5.27 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:112 Resp: 29200

Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.4	86.2
63	39.0	31.2	46.8



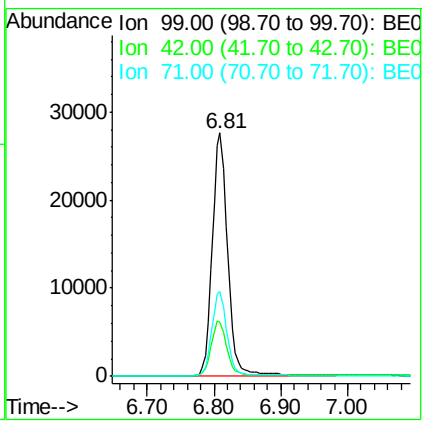


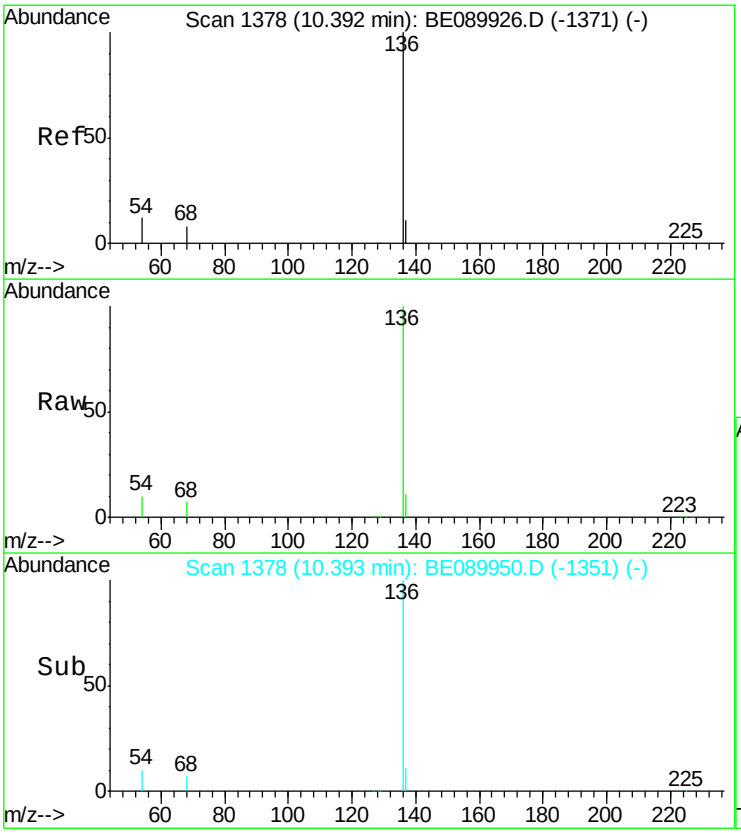
#5
Phenol-d6
Concen: 7.16 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion: 99 Resp: 44628

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.5	29.3
71	34.4	27.8	41.6

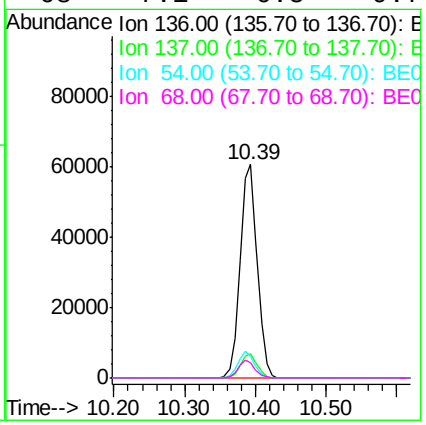


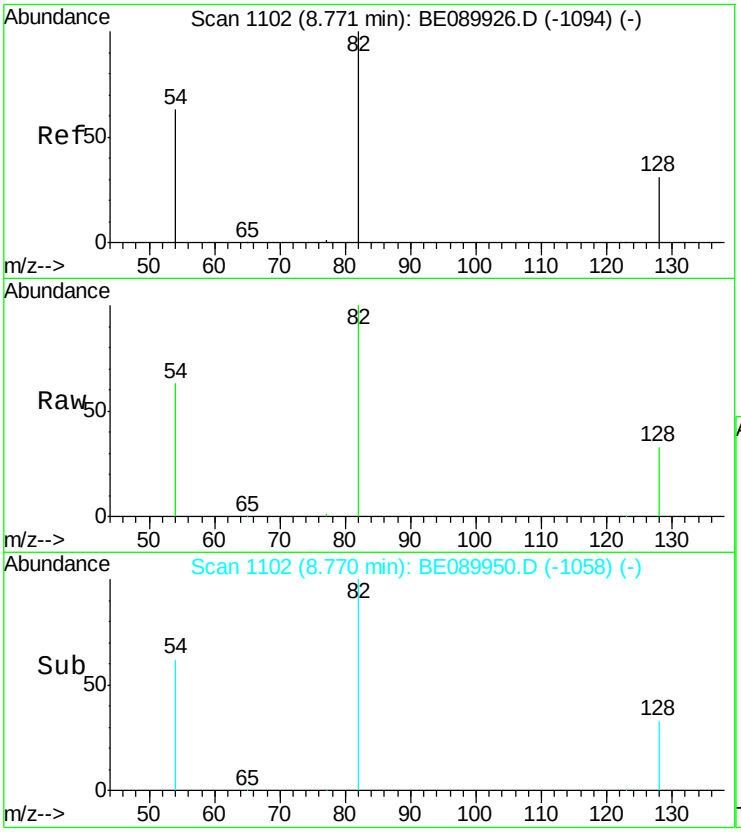


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:136 Resp: 101209

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.1	9.7	14.5
68	7.1	6.5	9.7



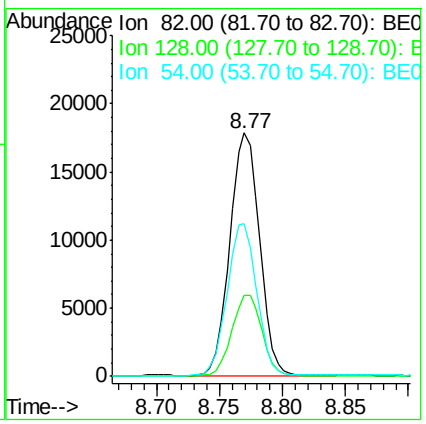


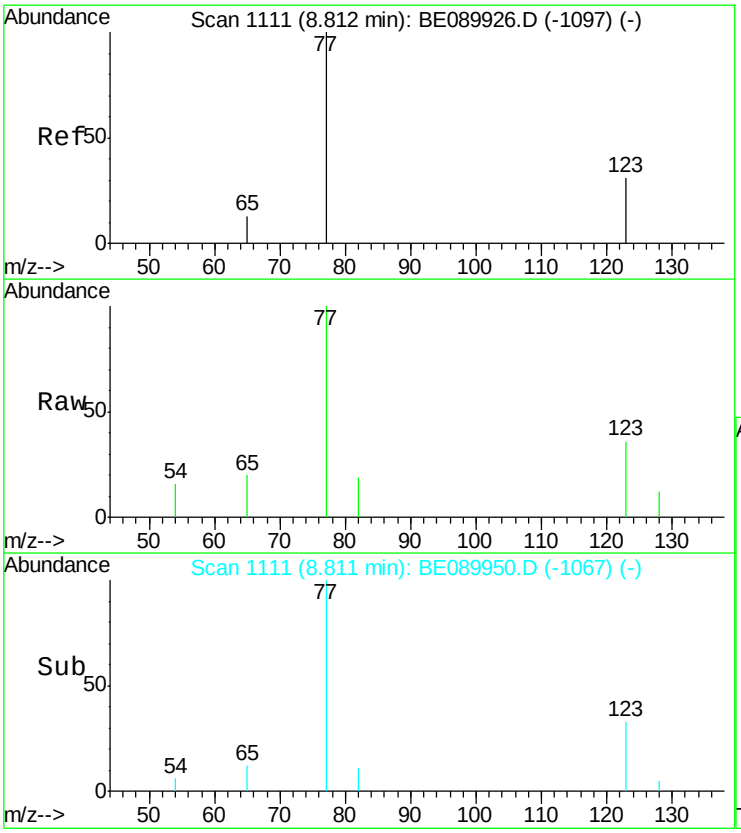
#7
Nitrobenzene-d5
Concen: 3.87 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion: 82 Resp: 29166

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.6	38.4
54	62.6	51.2	76.8

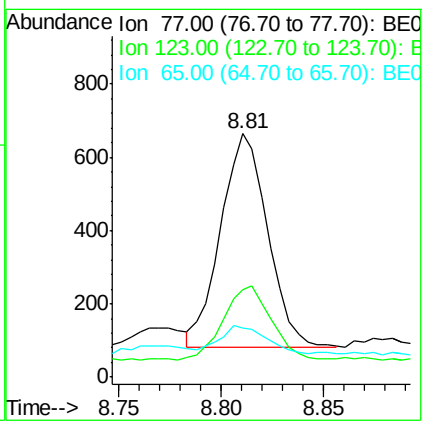


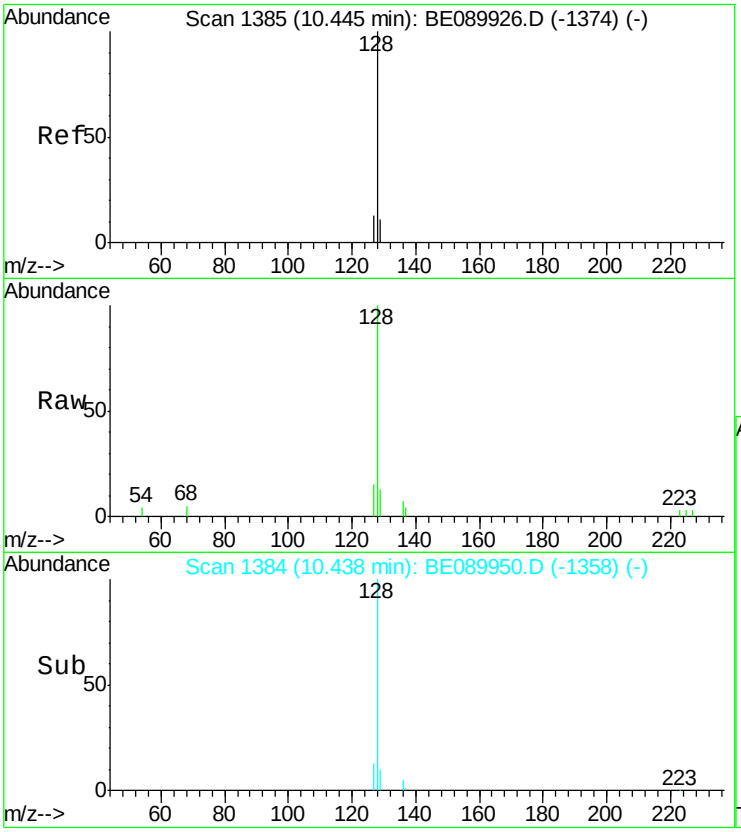


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion: 77 Resp: 926

Ion	Ratio	Lower	Upper
77	100		
123	35.0	26.6	39.8
65	13.4	10.2	15.4



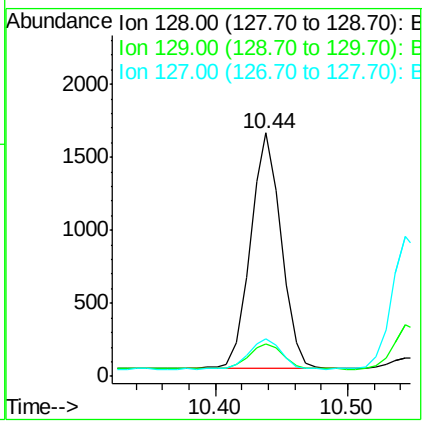


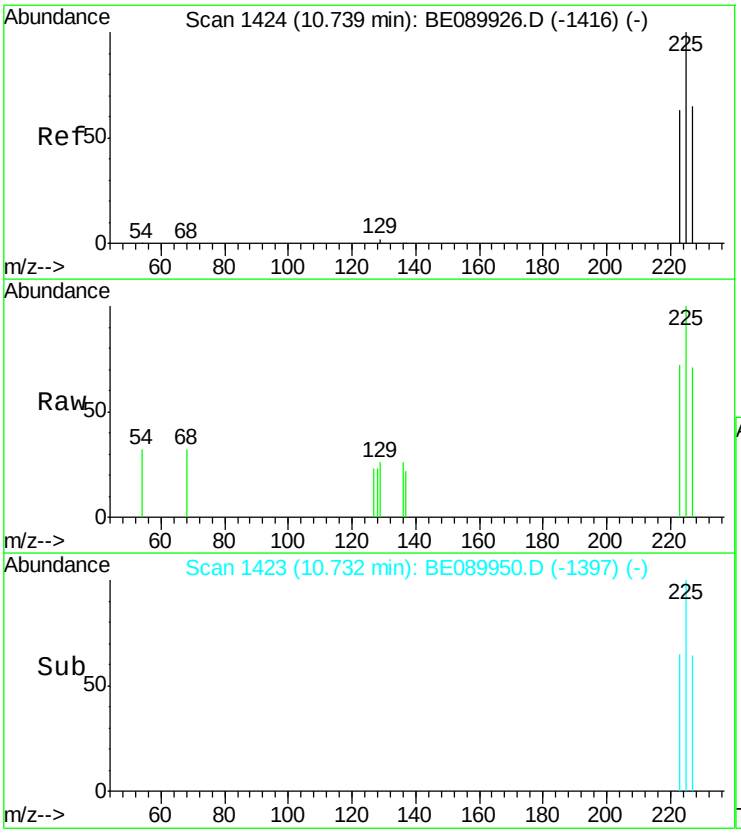
#9
Naphthalene
Concen: 0.12 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:128 Resp: 2601

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.9	13.3
127	15.4	10.2	15.4#

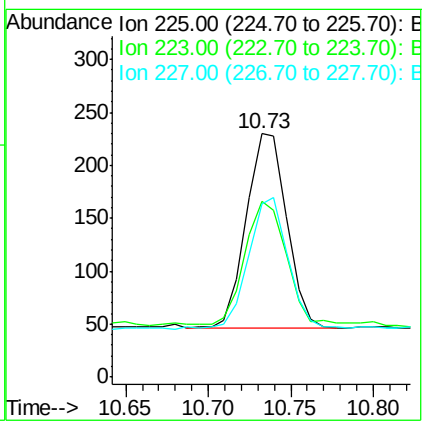


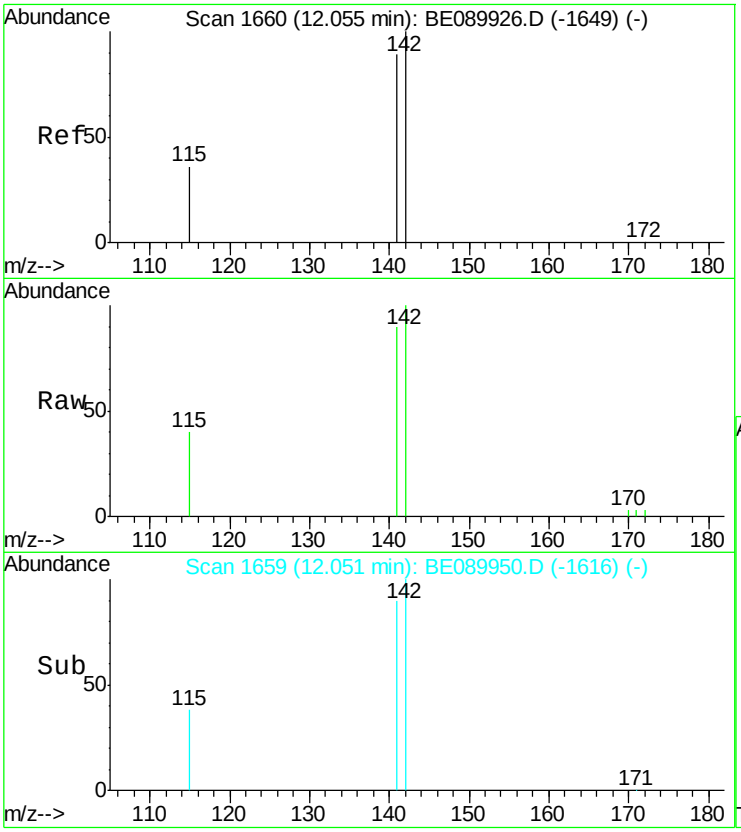


#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 10.73 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:225 Resp: 316

Ion	Ratio	Lower	Upper
225	100		
223	66.8	50.0	75.0
227	66.5	50.7	76.1



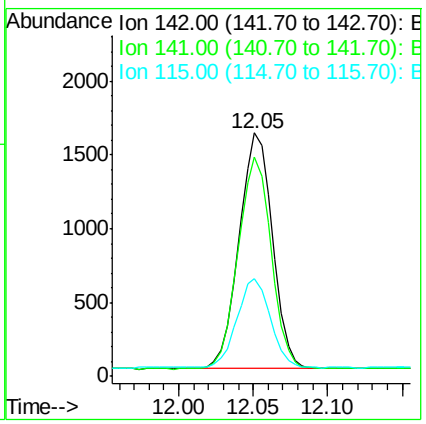


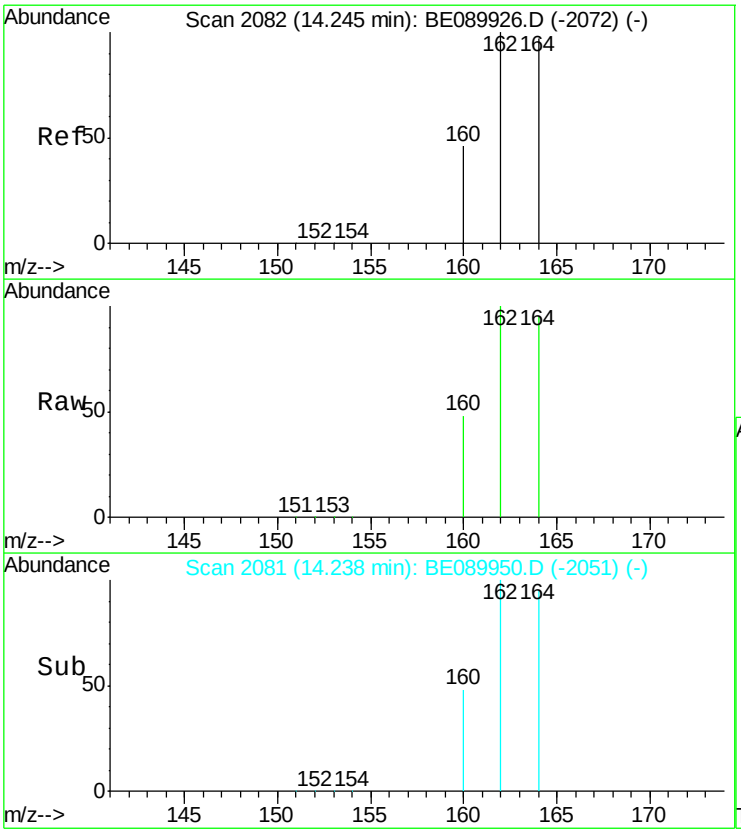
#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:142 Resp: 2491

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.1	106.7
115	40.1	29.1	43.7

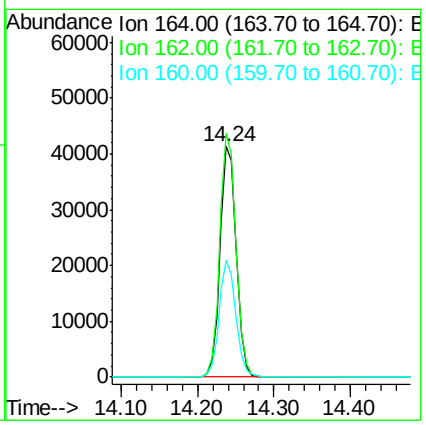


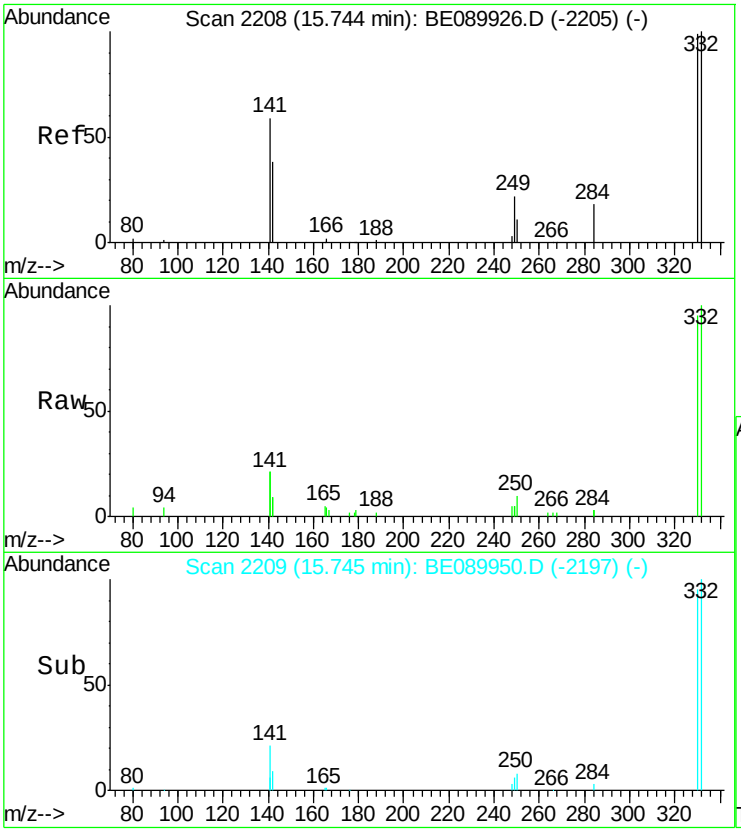


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:164 Resp: 60417

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.7	124.1
160	50.9	38.3	57.5



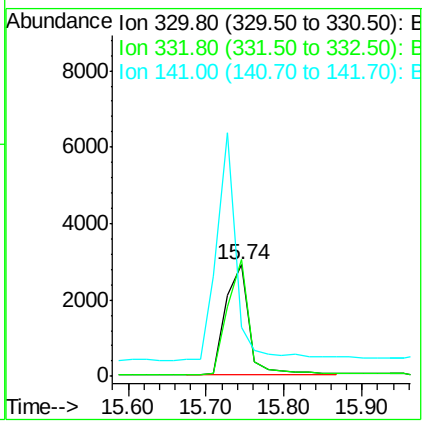


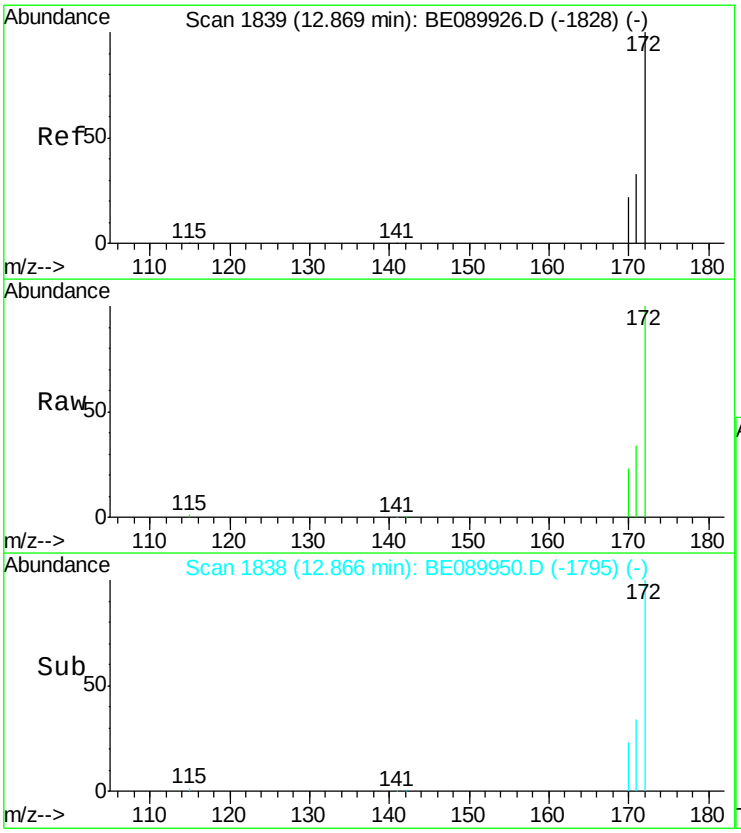
#13
2,4,6-Tribromophenol
Concen: 5.70 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:330 Resp: 5979

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	178.6	142.8	214.2

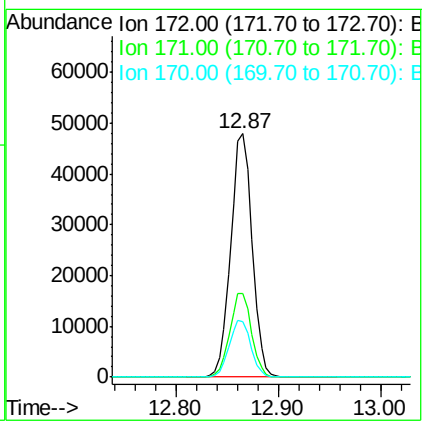


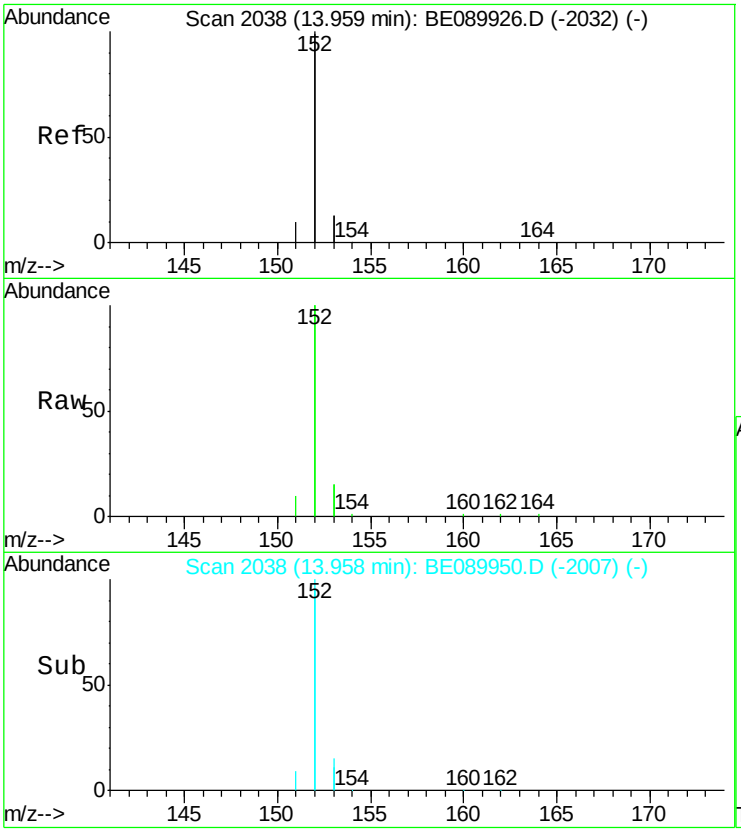


#14
2-Fluorobiphenyl
Concen: 3.93 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:172 Resp: 69198

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.7	40.1
170	22.8	17.5	26.3



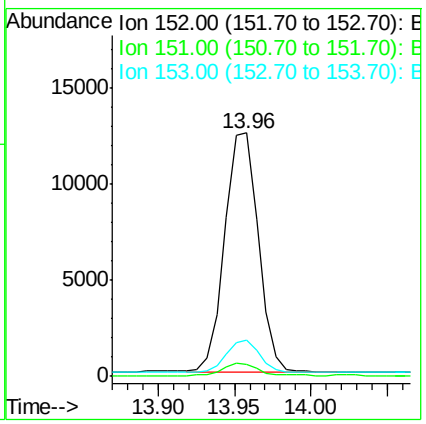


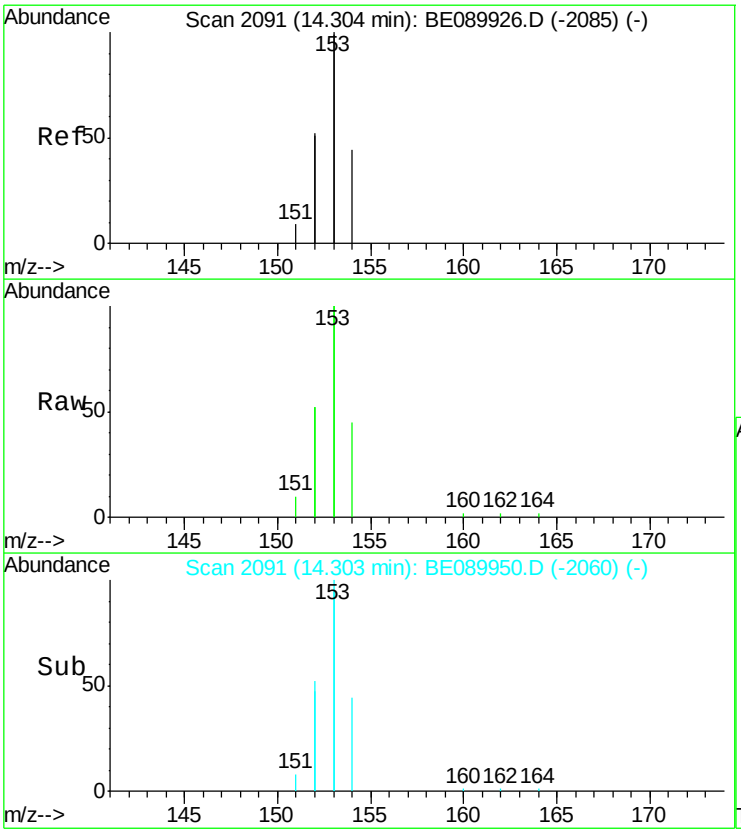
#15
Acenaphthylene
Concen: 0.18 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:152 Resp: 18999

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6

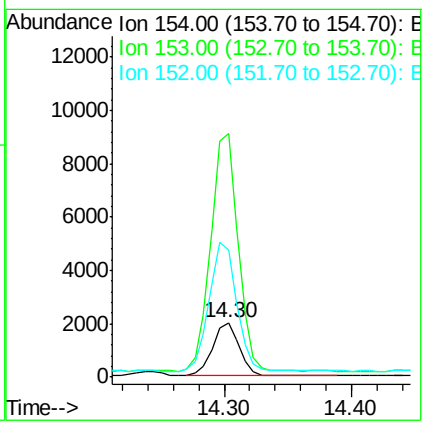


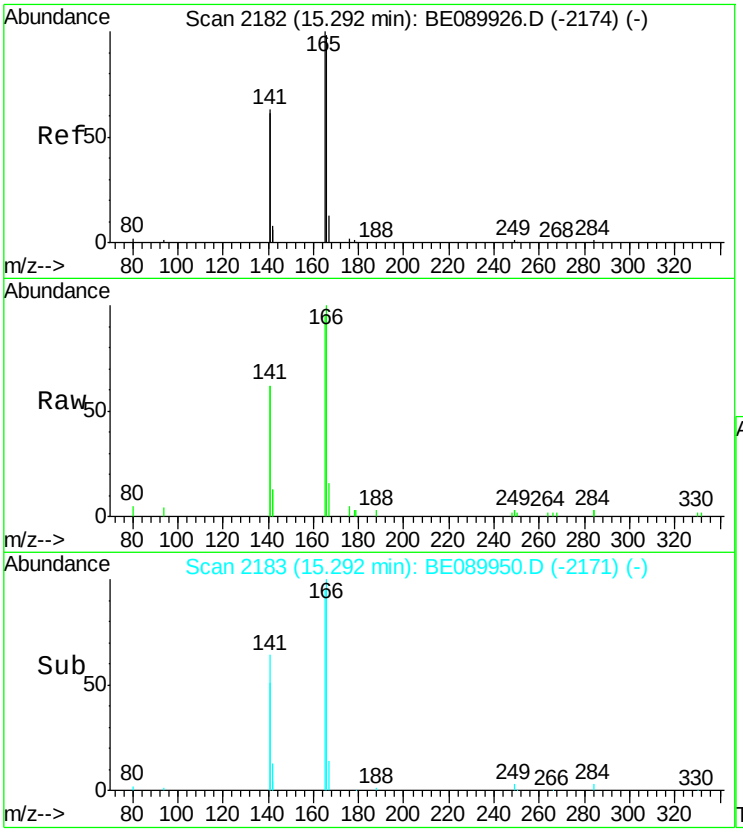


#16
Acenaphthene
Concen: 0.19 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:154 Resp: 2887

Ion	Ratio	Lower	Upper
154	100		
153	456.6	362.8	544.2
152	249.4	194.6	291.8



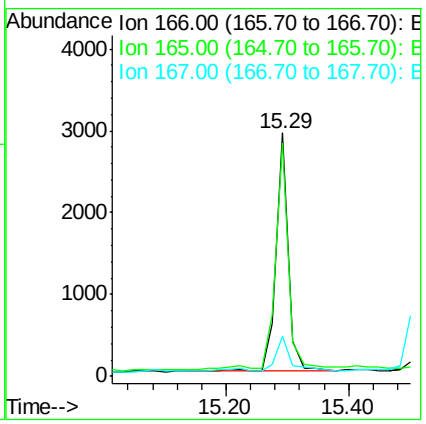


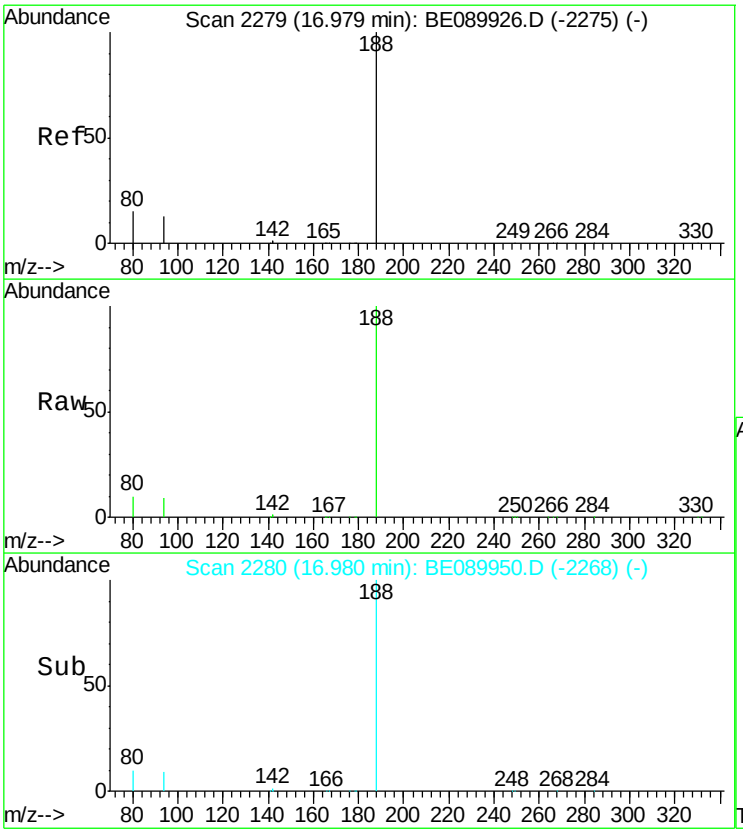
#17
Fluorene
Concen: 0.21 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:166 Resp: 4232

Ion	Ratio	Lower	Upper
166	100		
165	103.7	81.1	121.7
167	15.9	11.8	17.8

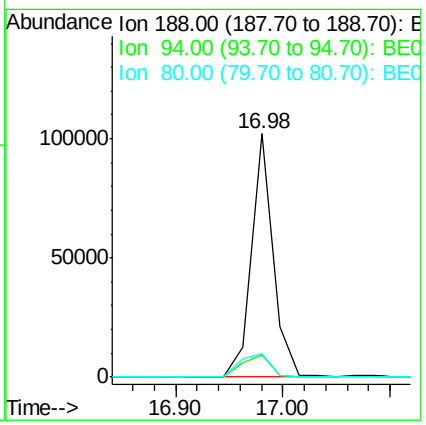


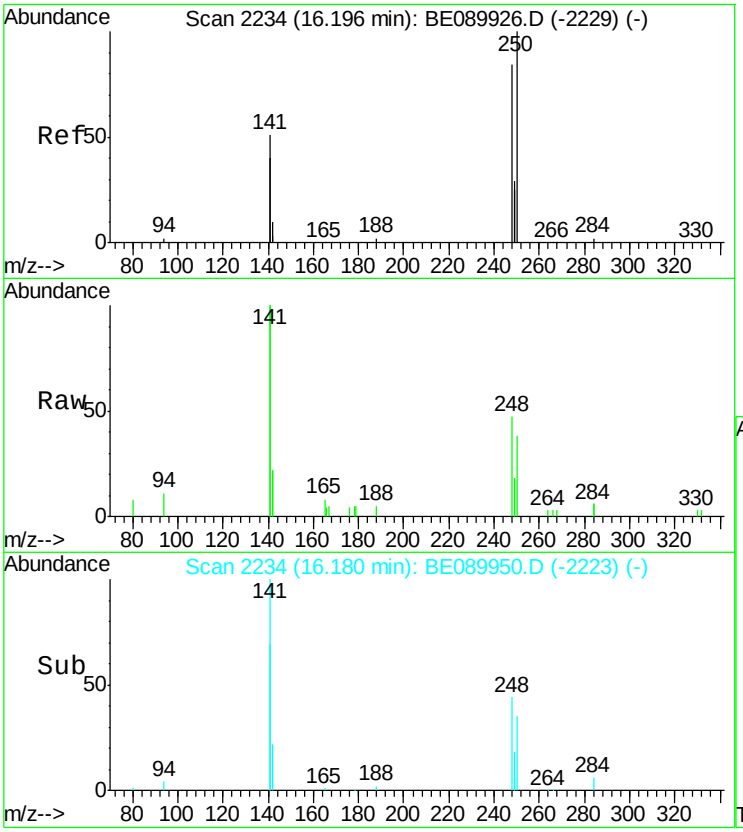


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:188 Resp: 143114

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.6	16.0#
80	9.8	11.8	17.6#



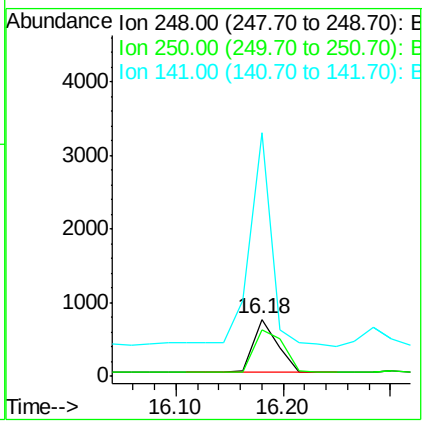


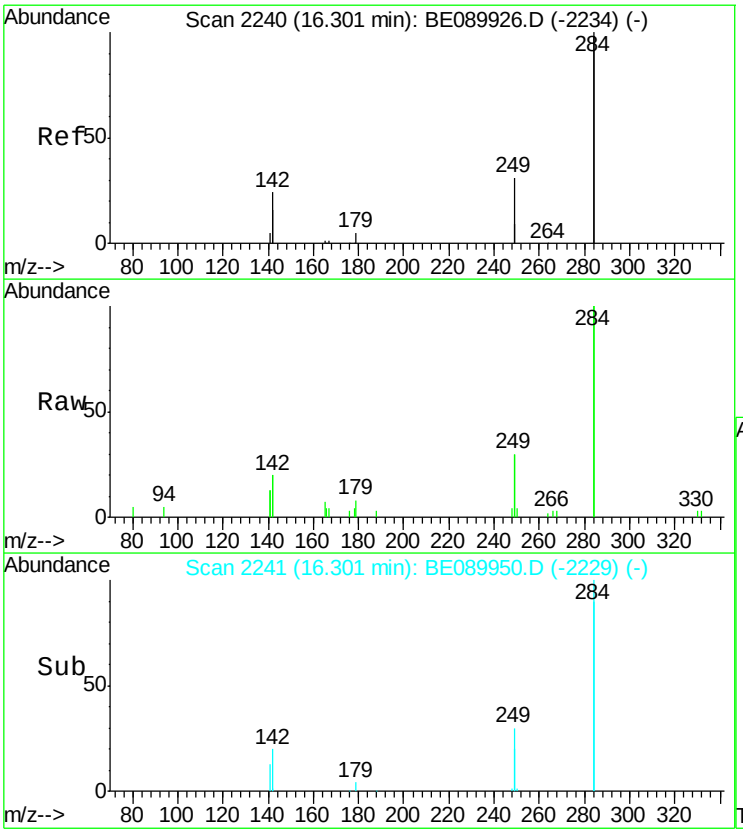
#19
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:248 Resp: 1160

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.3	118.9
141	346.4	274.1	411.1

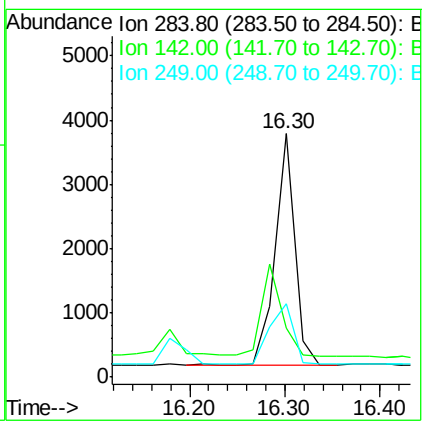


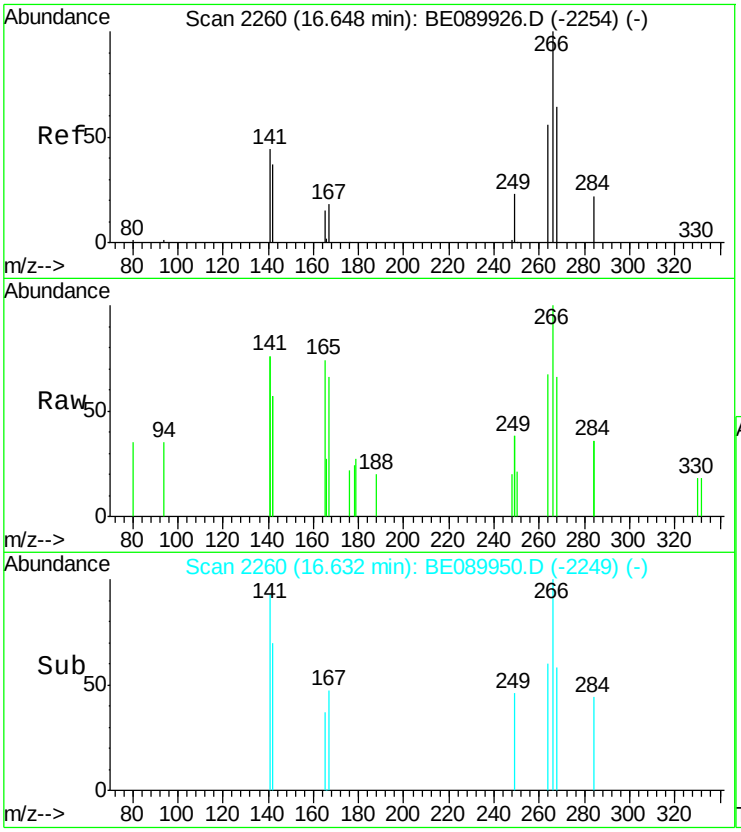


#20
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:284 Resp: 5153

Ion	Ratio	Lower	Upper
284	100		
142	41.8	32.0	48.0
249	32.2	25.0	37.6



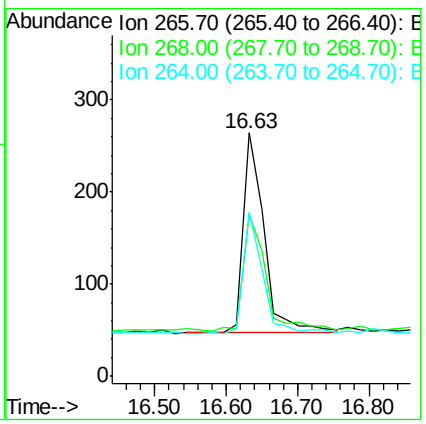


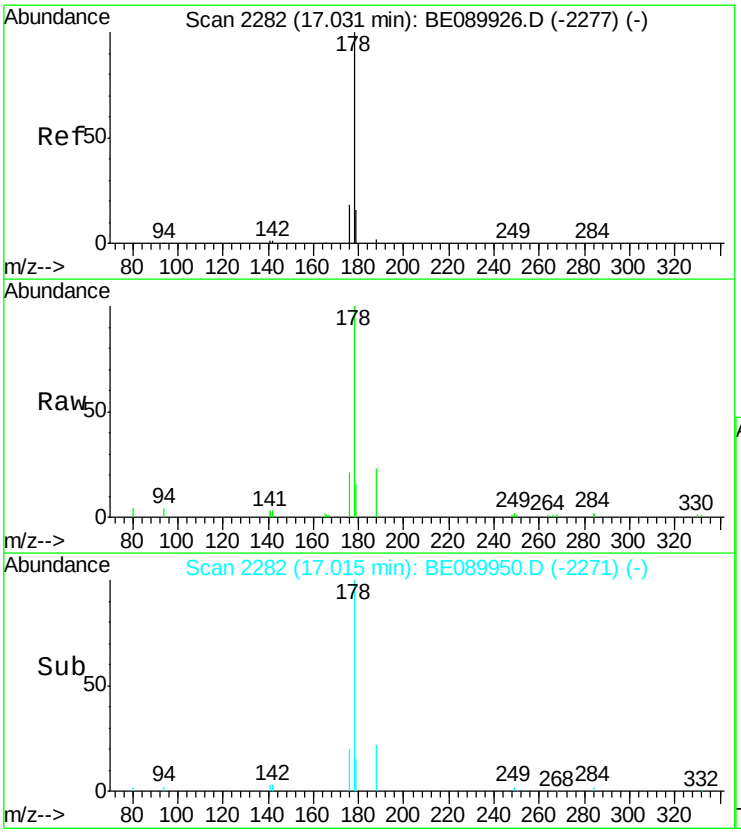
#21
Pentachlorophenol
Concen: 0.73 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:266 Resp: 440

Ion	Ratio	Lower	Upper
266	100		
268	66.3	54.4	81.6
264	67.4	48.2	72.2

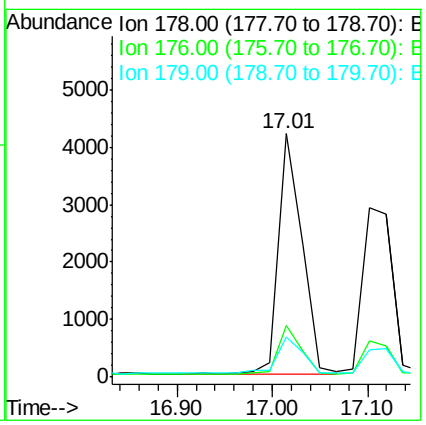


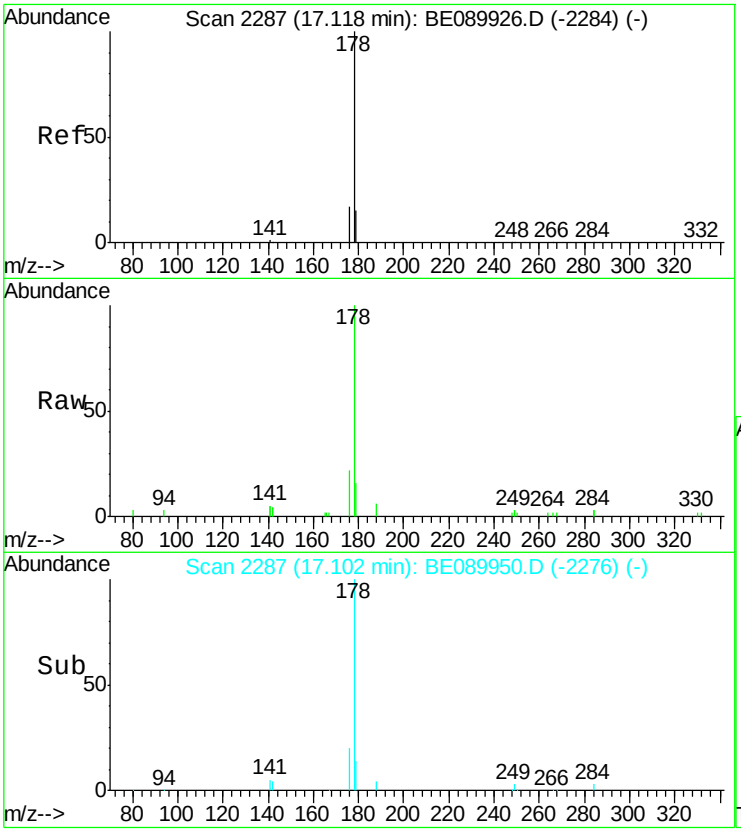


#22
Phenanthrene
Concen: 0.20 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:178 Resp: 7074

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.6	12.6	19.0



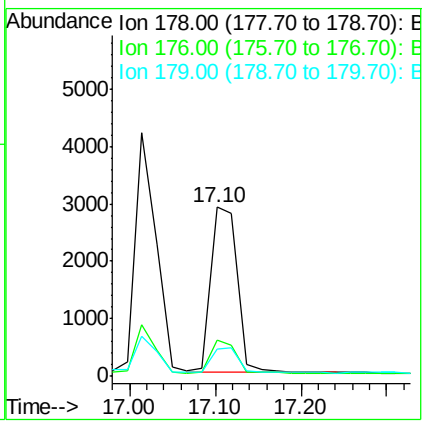


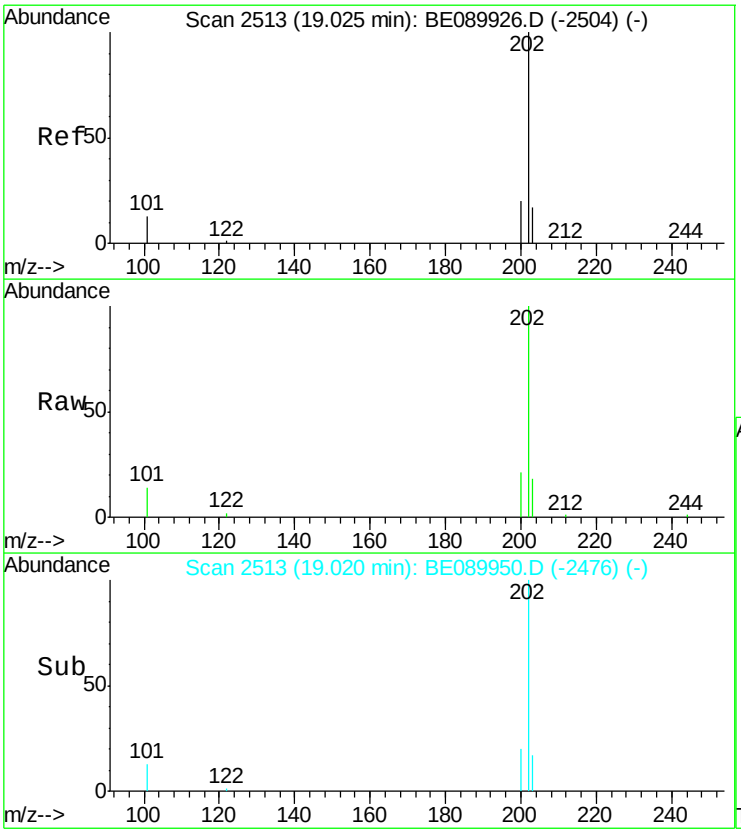
#23
Anthracene
Concen: 0.19 ng
RT: 17.10 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:178 Resp: 6219

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.9	12.3	18.5

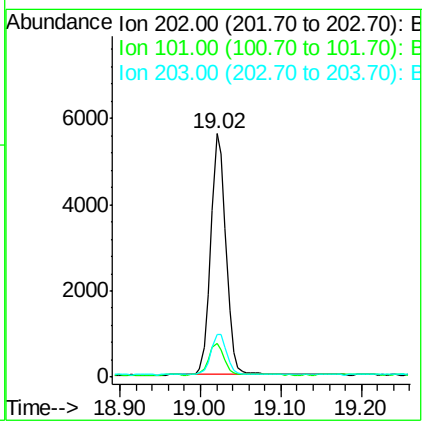


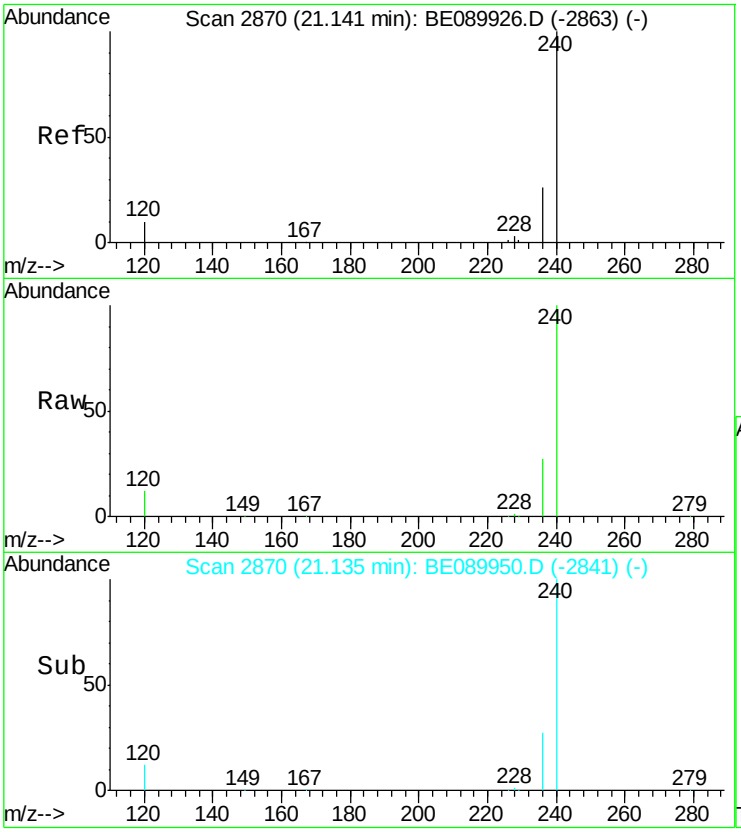


#24
Fluoranthene
Concen: 0.19 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:202 Resp: 7372

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
203	17.3	13.8	20.8



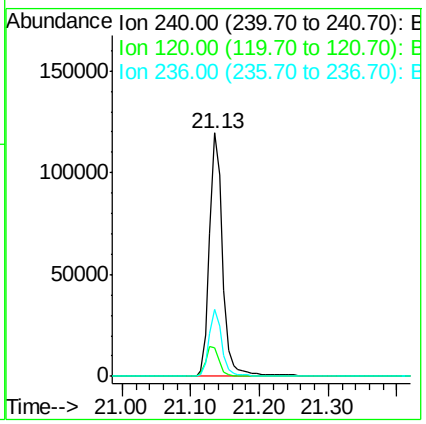


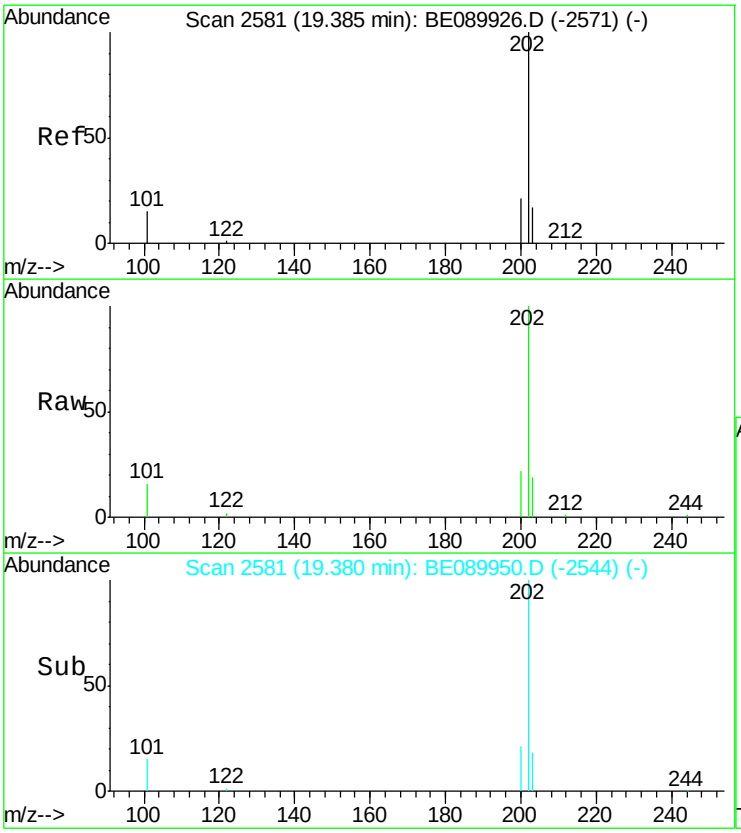
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:240 Resp: 158929

Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.9	11.9#
236	27.3	21.2	31.8

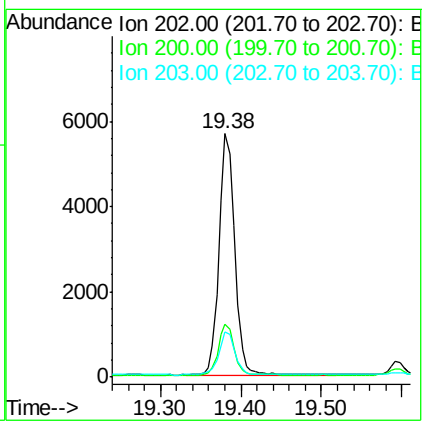


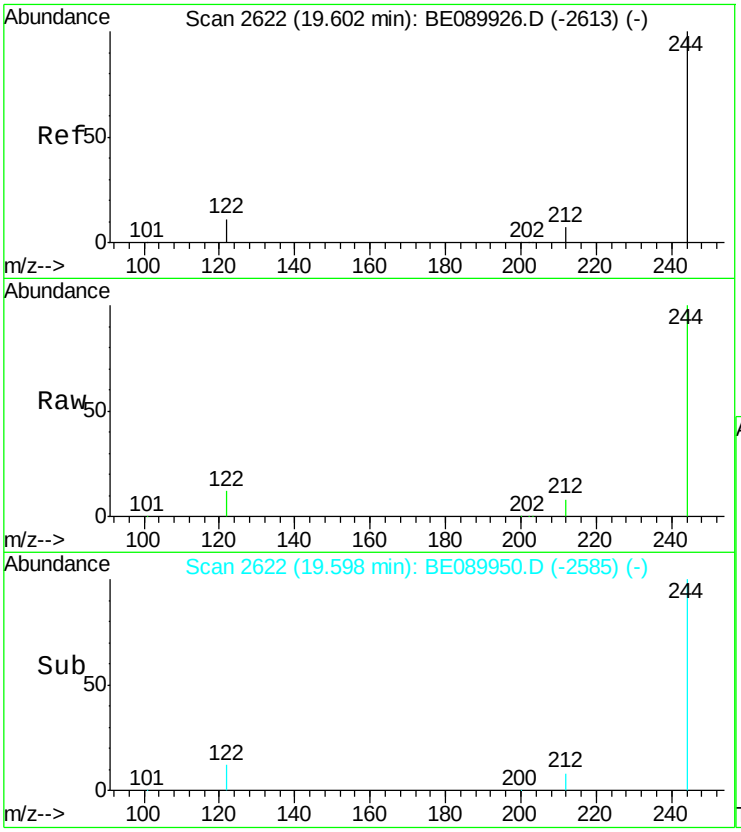


#26
Pyrene
Concen: 0.19 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:202 Resp: 7693

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.3	13.9	20.9



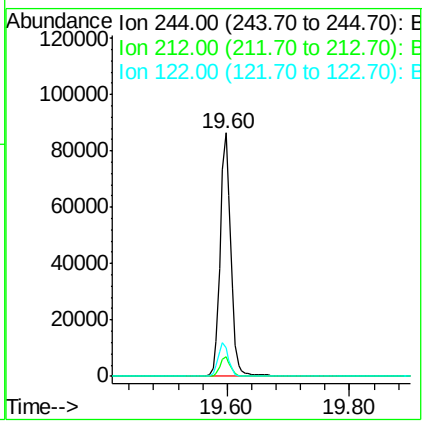


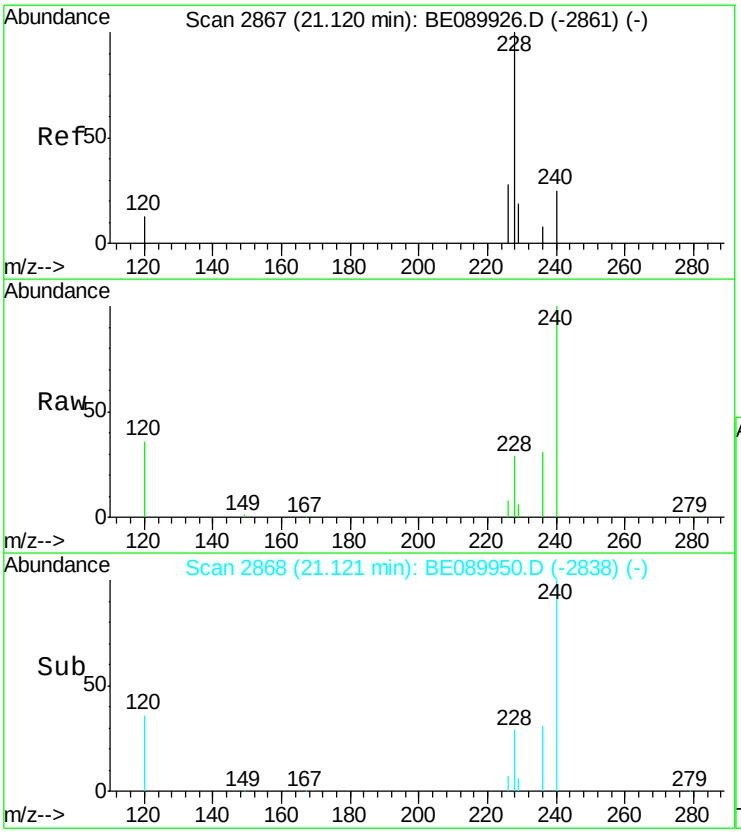
#27
Terphenyl-d14
Concen: 3.87 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:244 Resp: 106081

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	11.7	8.7	13.1

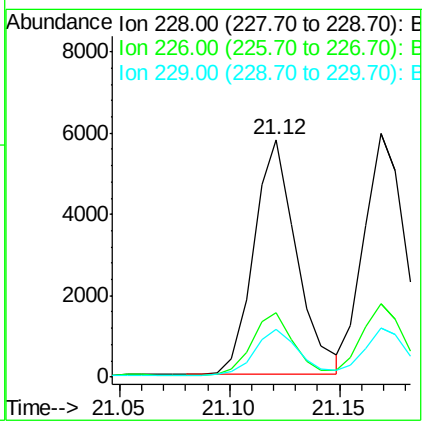


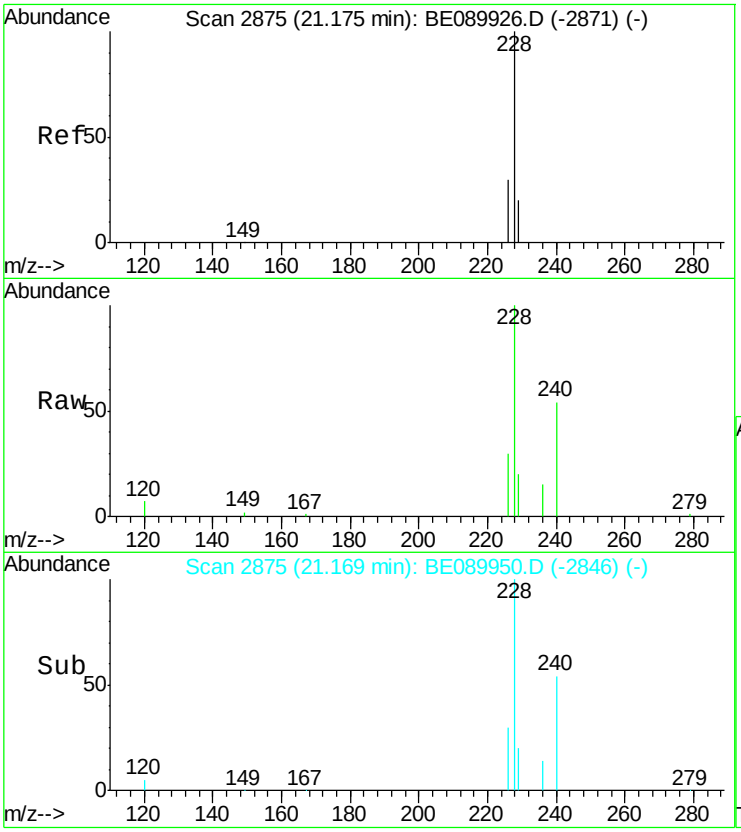


#28
Benzo(a)anthracene
Concen: 0.21 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:228 Resp: 7835

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.4
229	20.0	15.3	22.9



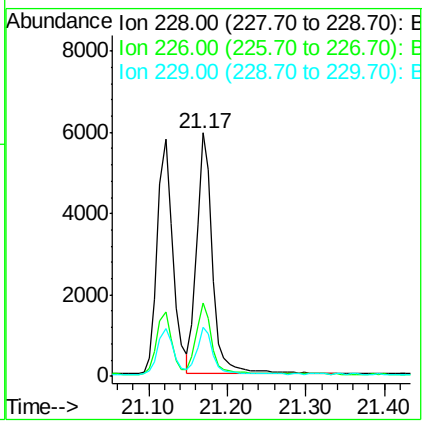


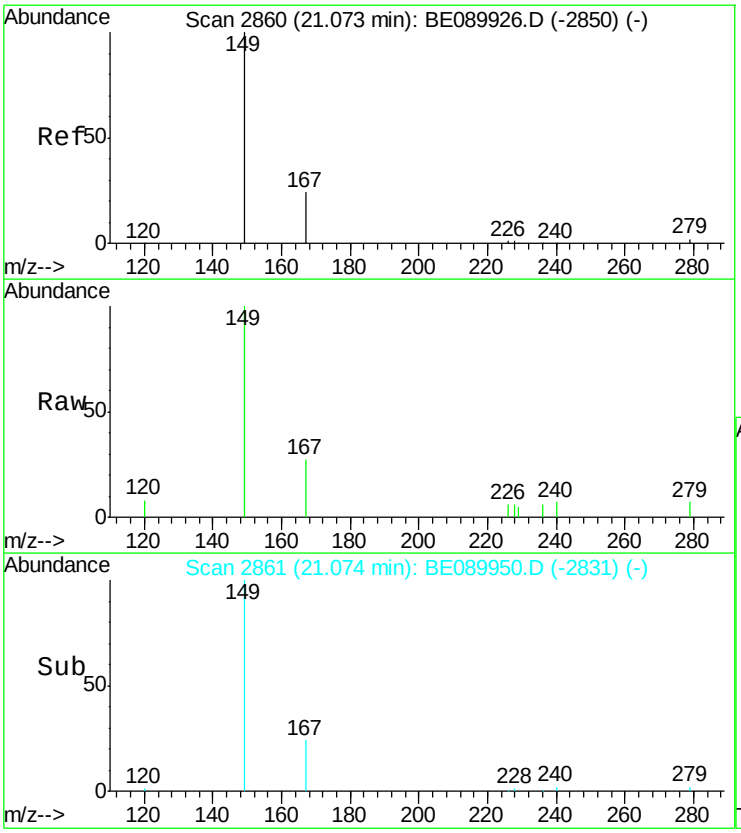
#29
Chrysene
Concen: 0.20 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:228 Resp: 8260

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	20.2	15.8	23.8

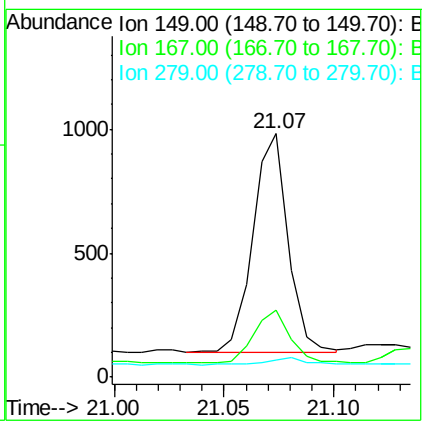


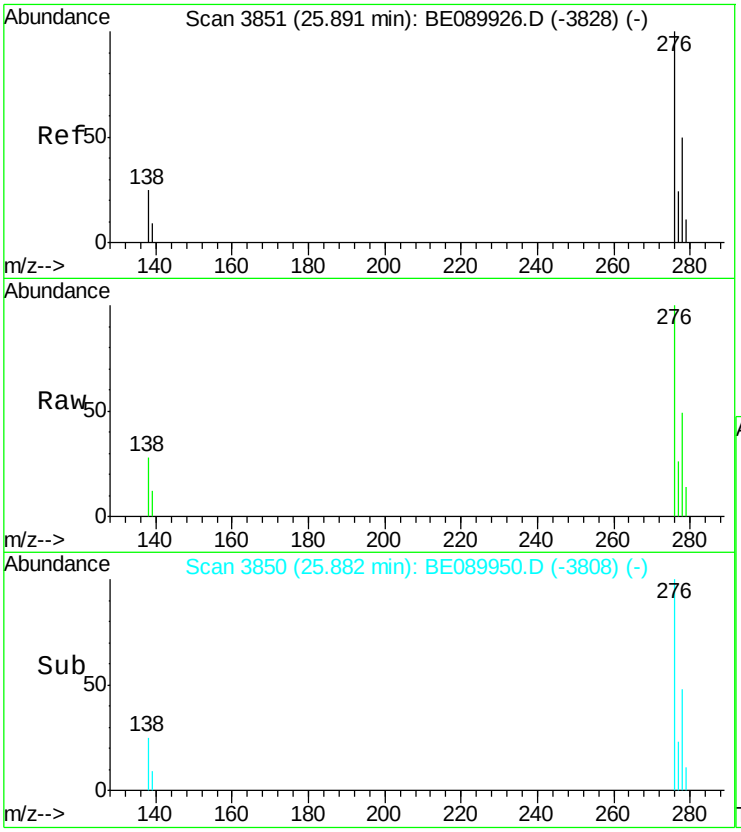


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:149 Resp: 980

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.3	30.5
279	4.2	2.7	4.1#



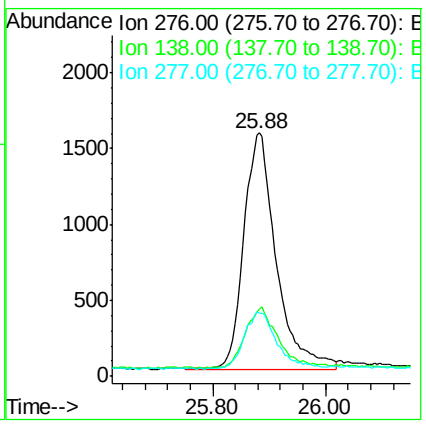


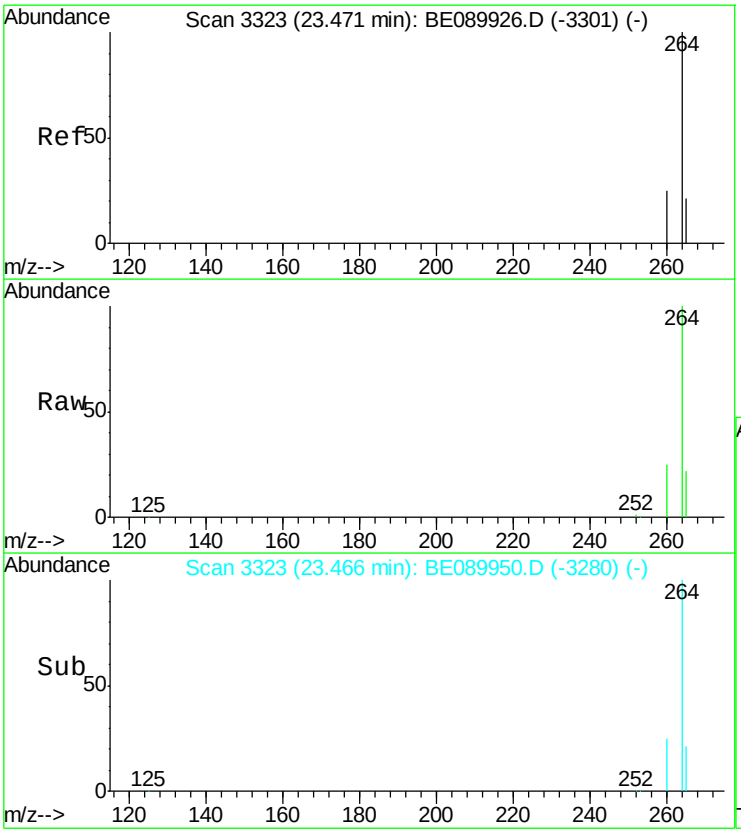
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng
RT: 25.88 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:276 Resp: 6061

Ion	Ratio	Lower	Upper
276	100		
138	26.1	0.0	0.0#
277	24.5	0.0	0.0#

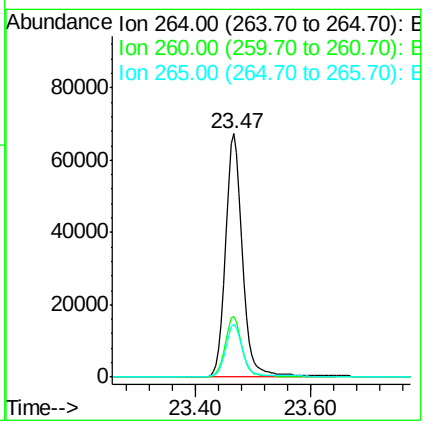


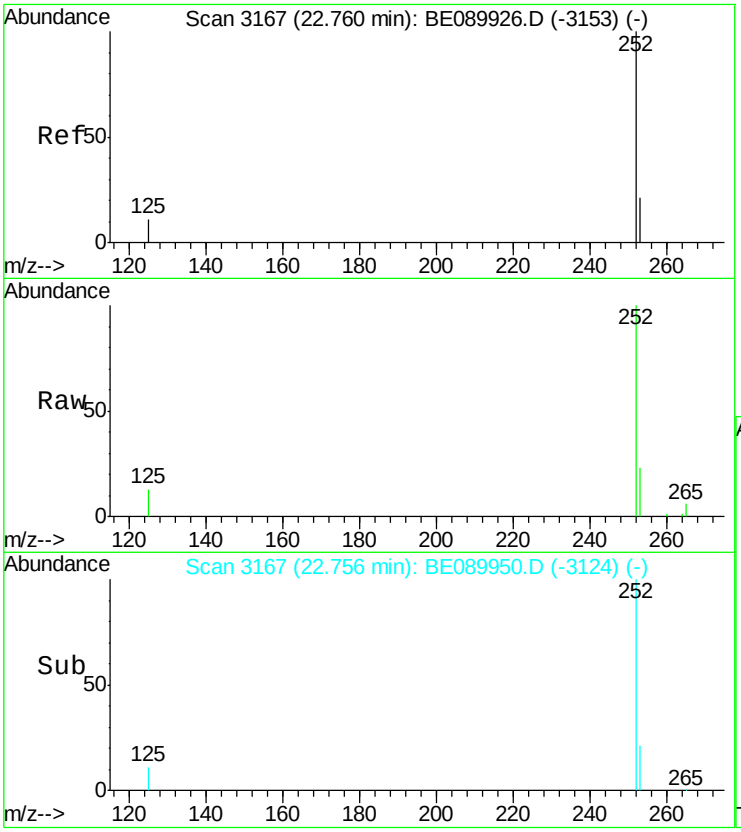


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:264 Resp: 140393

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.6	17.3	25.9



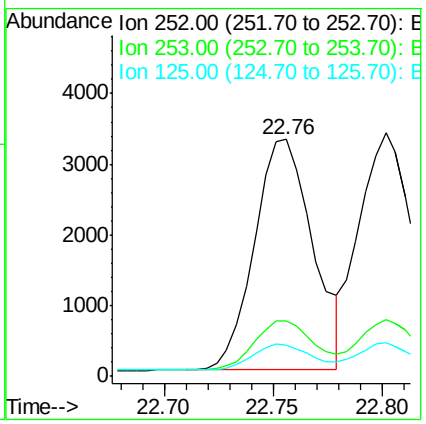


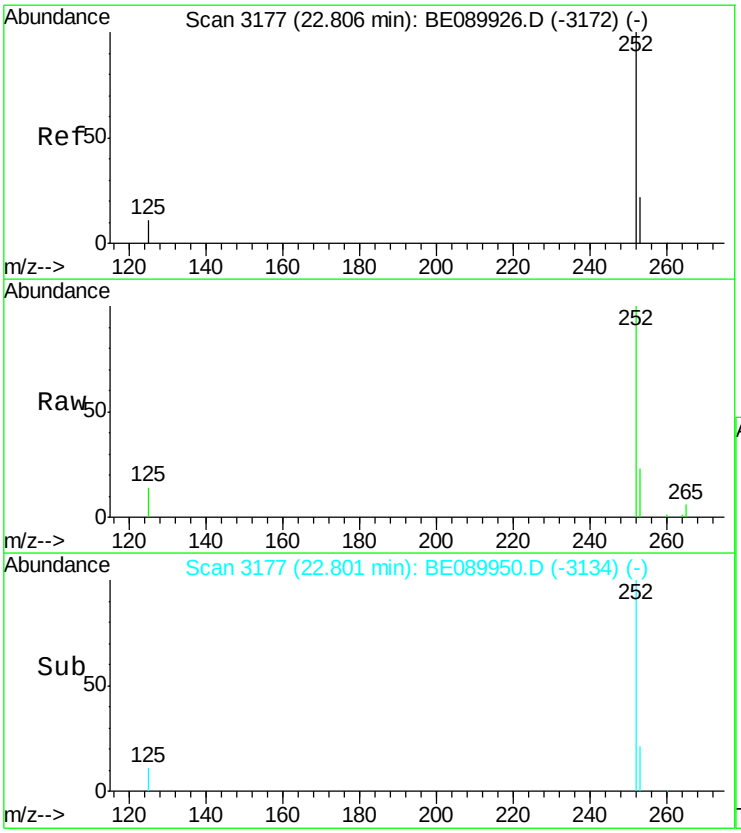
#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:252 Resp: 6076

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	13.4	9.3	13.9

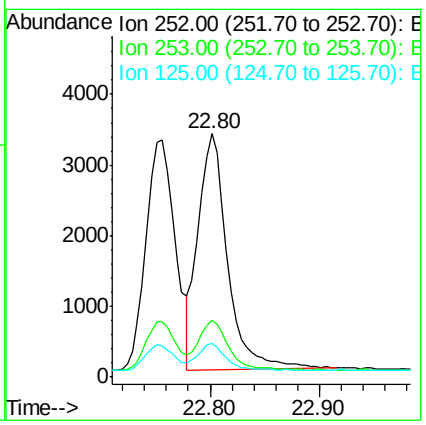


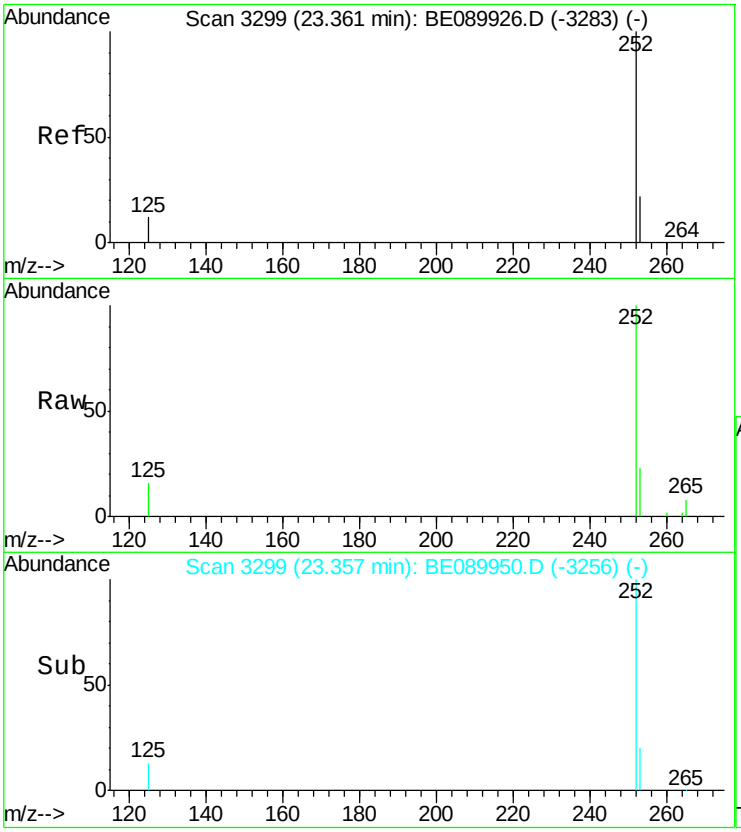


#34
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:252 Resp: 6267

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.7	9.2	13.8



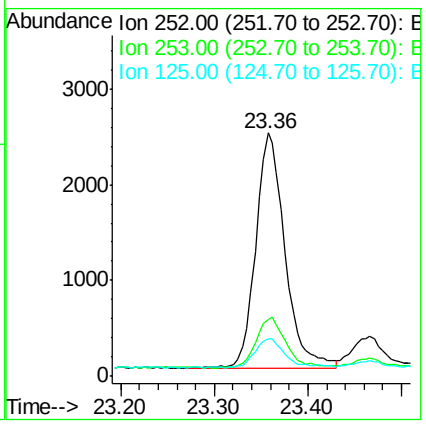


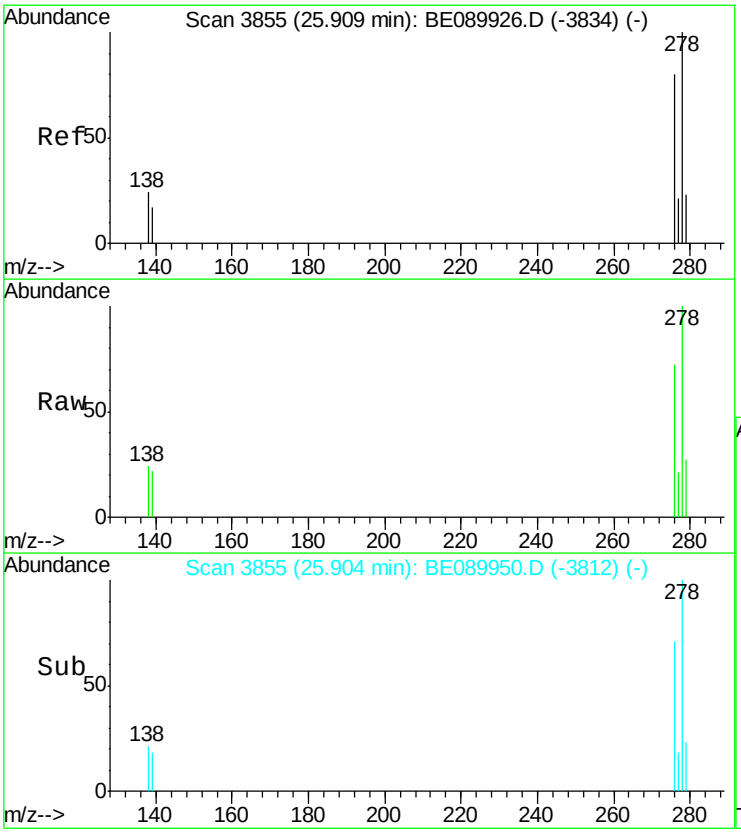
#35
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:252 Resp: 5331

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	15.6	10.3	15.5#

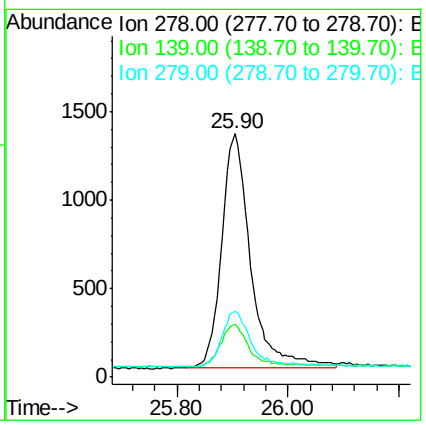


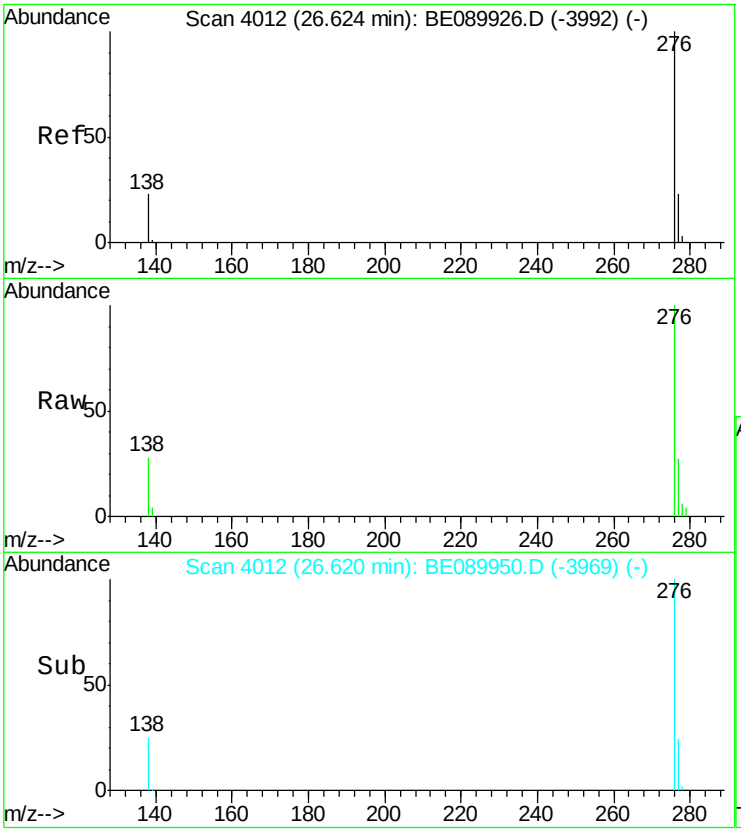


#36
Dibenzo(a,h)anthracene
Concen: 0.20 ng
RT: 25.90 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Tgt Ion:278 Resp: 4816

Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.1	21.1#
279	26.9	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089950.D
Acq: 26 Jun 2015 19:34

Instrument :
BNA_E
ClientSampleId :
PB84222BL

Tgt Ion:276 Resp: 5266

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.0	28.4
138	28.0	18.8	28.2