Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089952.D
Acq On : 26 Jun 2015 20:49
Operator : TP/IZ
Sample : PB84222BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84222BSD

Quant Time: Jun 27 01:01:31 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	7.64	152	23121	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	110494	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	70116	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	164744	5.00	ng		0.00
25) Chrysene-d12	21.14	240	185289	5.00	ng		0.00
32) Perylene-d12	23.47	264	161715	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	23234	5.57	ng		0.00
5) Phenol-d6	6.81	99	39838	6.23	ng		0.00
7) Nitrobenzene-d5	8.77	82	27182	3.30	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	6772	5.57	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	67635	3.31	ng		0.00
27) Terphenyl-d14	19.60	244	107405	3.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	9184	3.32	ng		98
3) n-Nitrosodimethylamine	3.55	42	12652	3.04	ng		98
8) Nitrobenzene	8.81	77	28188	3.22	ng		98
9) Naphthalene	10.44	128	75116	3.06	ng		100
10) Hexachlorobutadiene	10.74	225	11186	2.88	ng		100
11) 2-Methylnaphthalene	12.05	142	54802	3.26	ng		98
15) Acenaphthylene	13.95	152	391594	3.19	ng		100
16) Acenaphthene	14.30	154	59128	3.27	ng		96
17) Fluorene	15.29	166	79575	3.52	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	21942	3.27	ng		99
20) Hexachlorobenzene	16.30	284	97711	3.32	ng		99
21) Pentachlorophenol	16.63	266	10436	6.54	ng		89
22) Phenanthrene	17.01	178	134053	3.24	ng		100
23) Anthracene	17.12	178	130496	3.40	ng		99
24) Fluoranthene	19.02	202	153136	3.41	ng		100
26) Pyrene	19.39	202	161045	3.43	ng		99
28) Benzo(a)anthracene	21.12	228	151111	3.41	ng		97
29) Chrysene	21.17	228	157578	3.25	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	17040	4.51	ng		99
31) Indeno(1,2,3-cd)pyrene	25.88	276	136303	3.83	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	127244	3.72	ng		99
34) Benzo(k)fluoranthene	22.80	252	140266	3.62	ng		99
35) Benzo(a)pyrene	23.36	252	118797	3.91	ng		99
36) Dibenzo(a,h)anthracene	25.90	278	111154	3.93	ng		100
37) Benzo(g,h,i)perylene	26.62	276	115599	3.80	ng		99

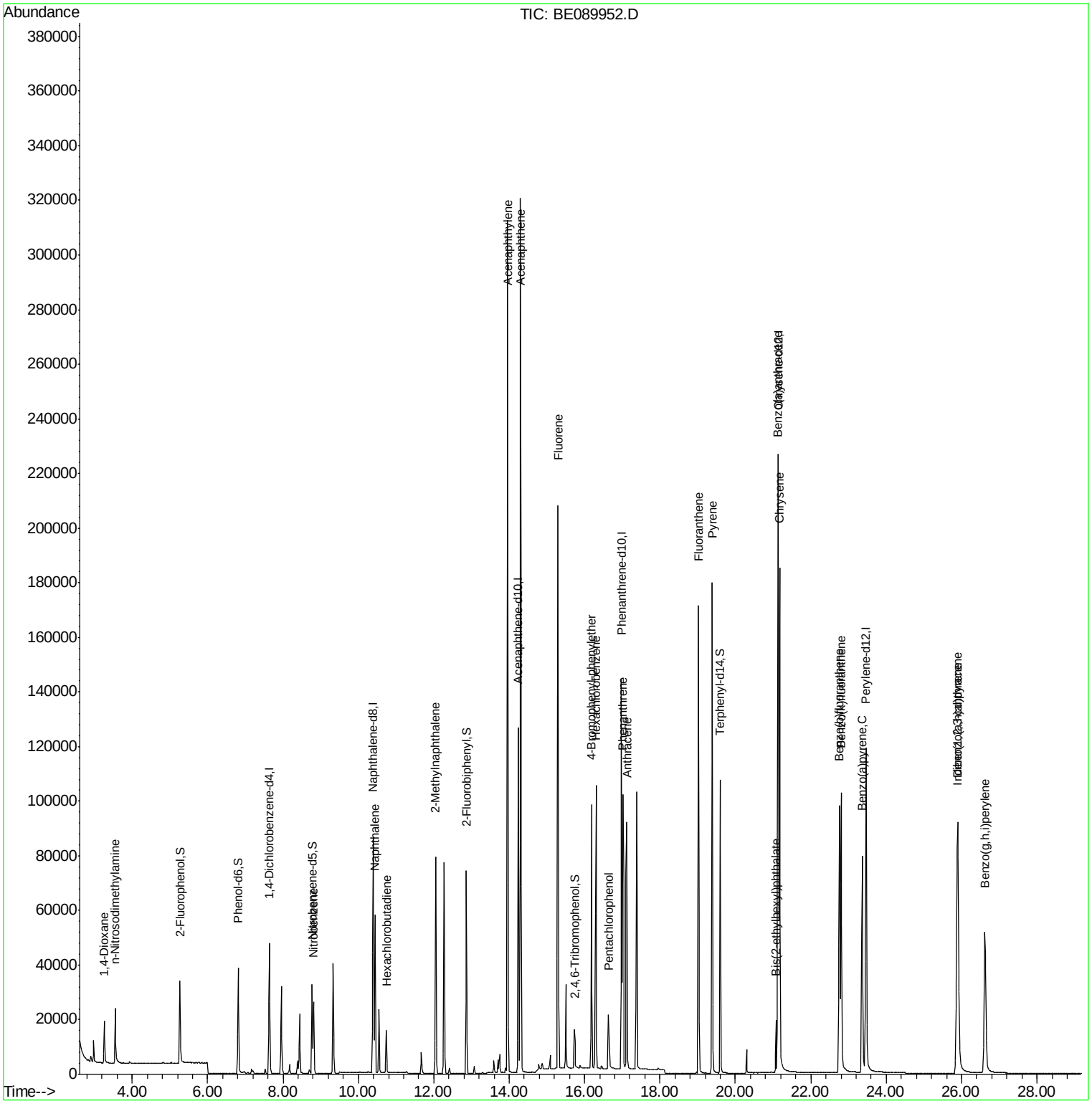
(#) = qualifier out of range (m) = manual integration (+) = signals summed

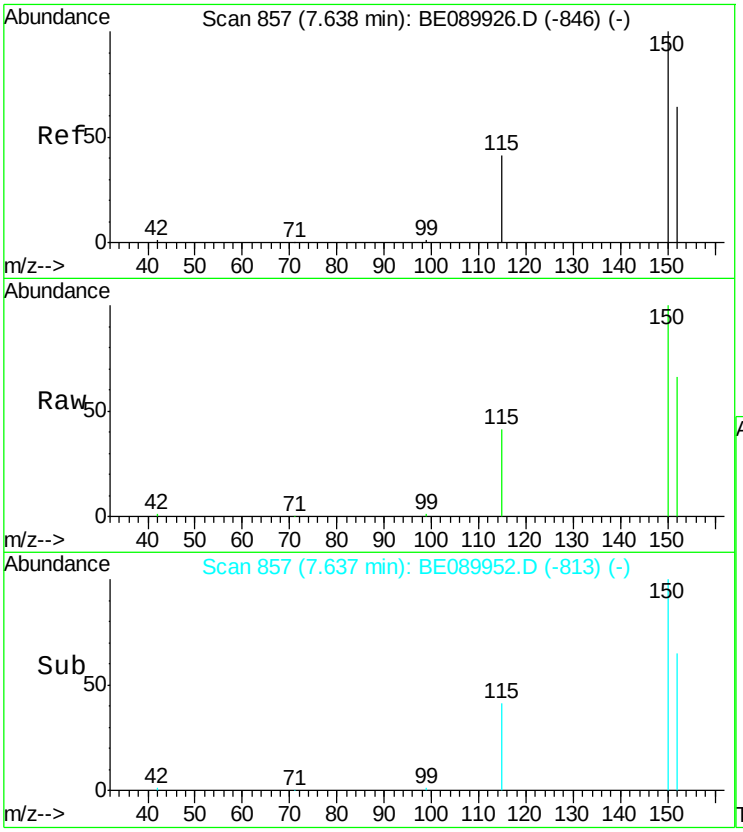
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089952.D
Acq On : 26 Jun 2015 20:49
Operator : TP/IZ
Sample : PB84222BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Quant Time: Jun 27 01:01:31 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



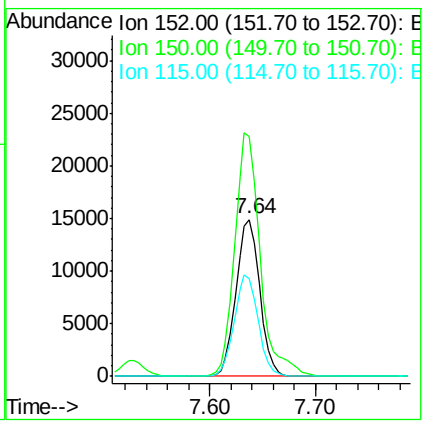


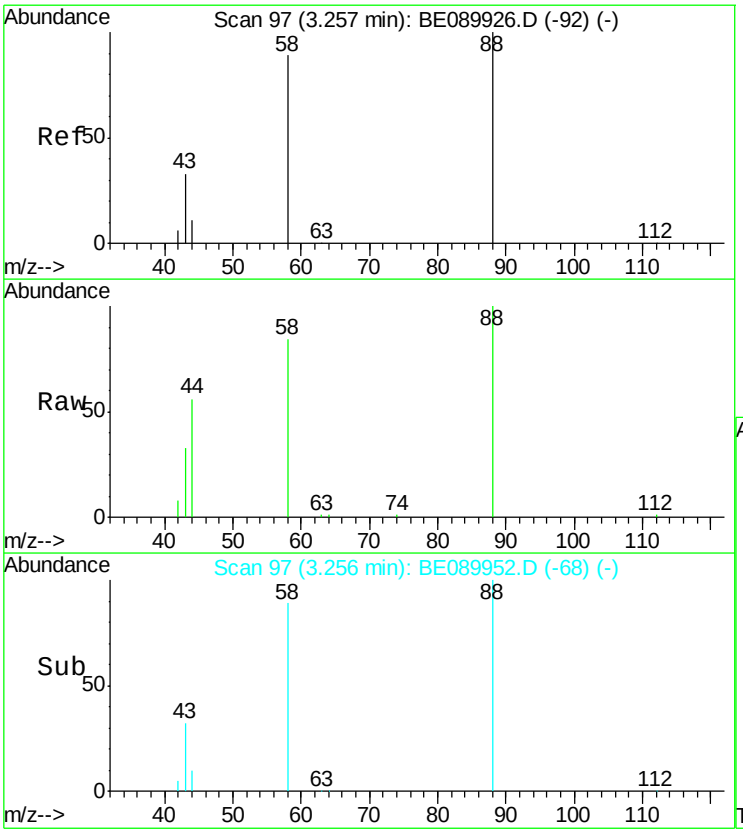
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:152 Resp: 23121

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	62.4	51.6	77.4

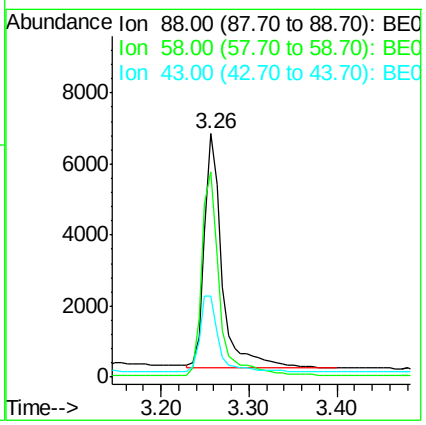


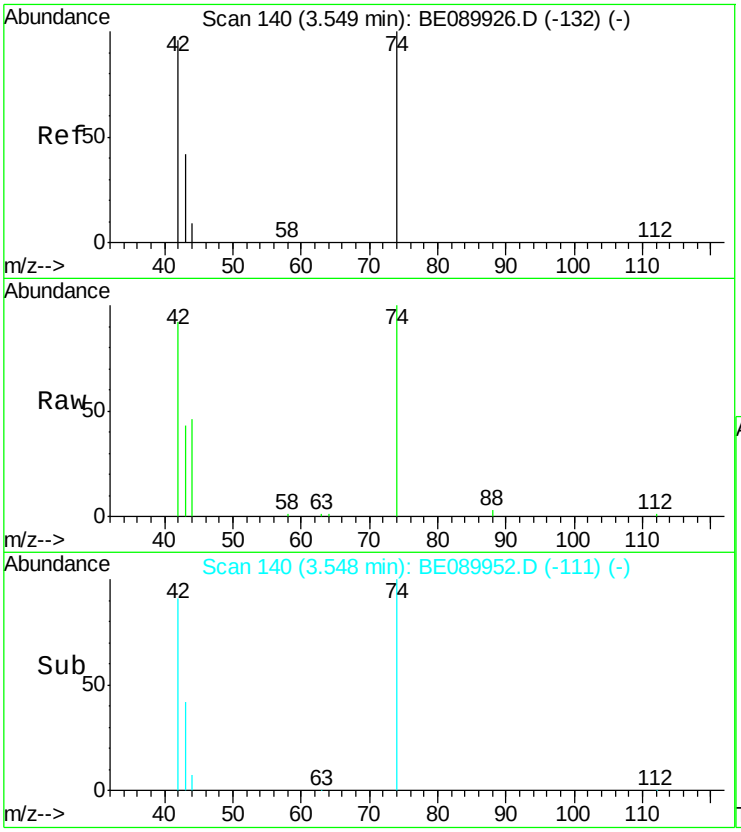


#2
1,4-Dioxane
Concen: 3.32 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion: 88 Resp: 9184

Ion	Ratio	Lower	Upper
88	100		
58	86.2	70.8	106.2
43	34.9	26.8	40.2



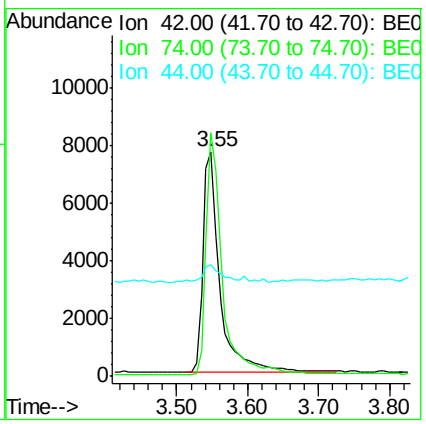


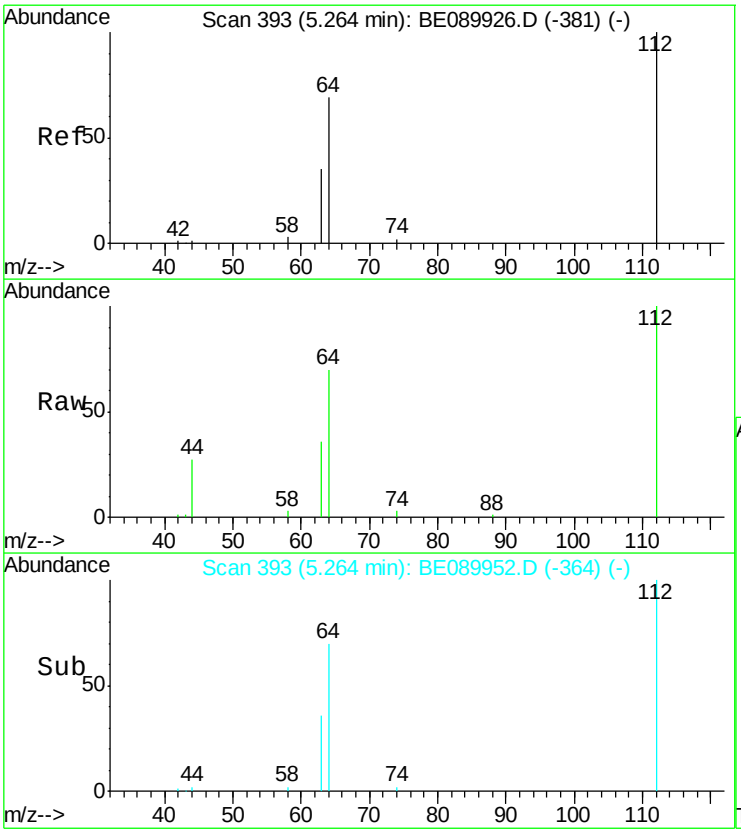
#3
n-Nitrosodimethylamine
Concen: 3.04 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion: 42 Resp: 12652

Ion	Ratio	Lower	Upper
42	100		
74	105.2	85.4	128.2
44	9.6	8.4	12.6

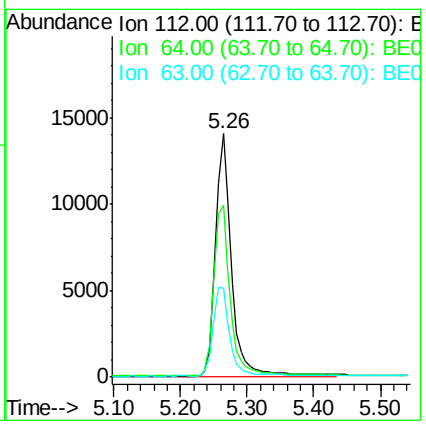


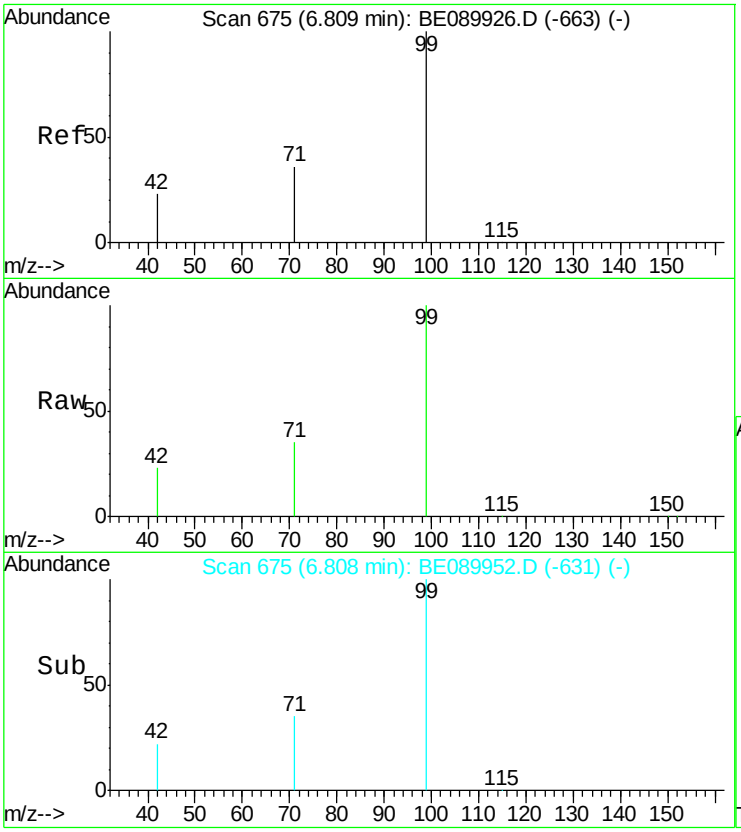


#4
2-Fluorophenol
Concen: 5.57 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:112 Resp: 23234

Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.4	86.2
63	38.2	31.2	46.8



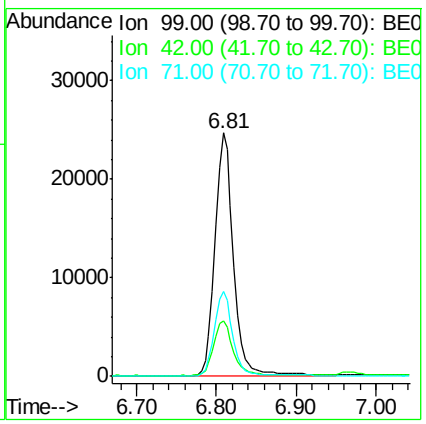


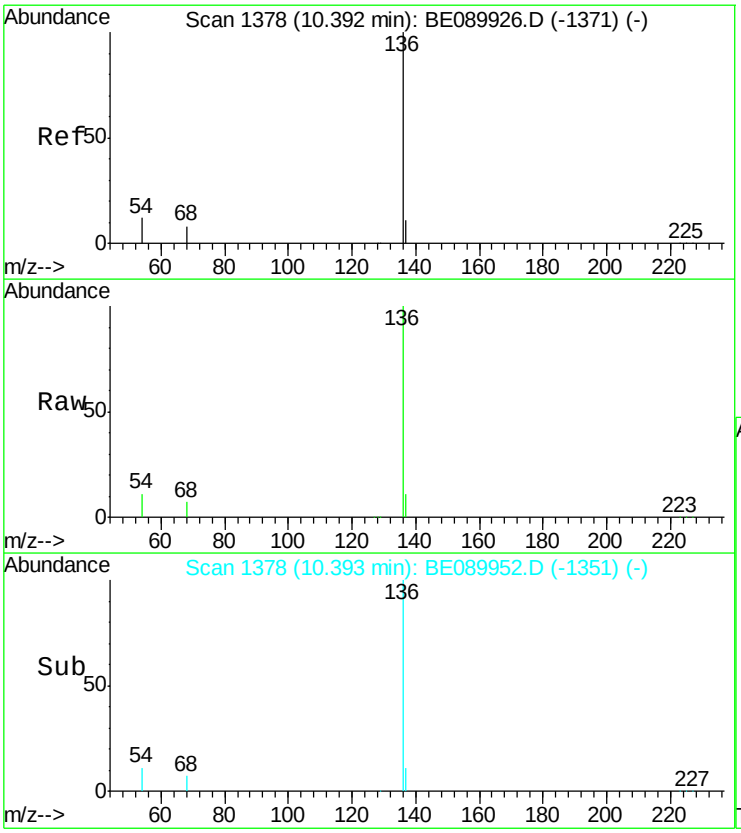
#5
Phenol-d6
Concen: 6.23 ng
RT: 6.81 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion: 99 Resp: 39838

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.5	29.3
71	34.5	27.8	41.6

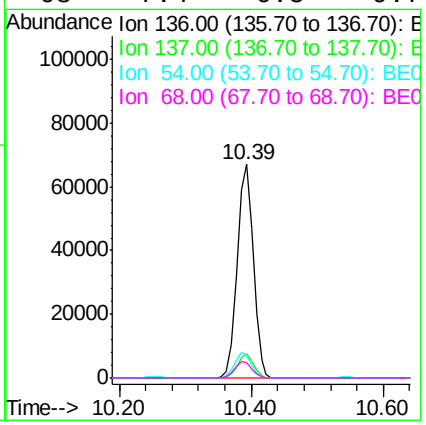


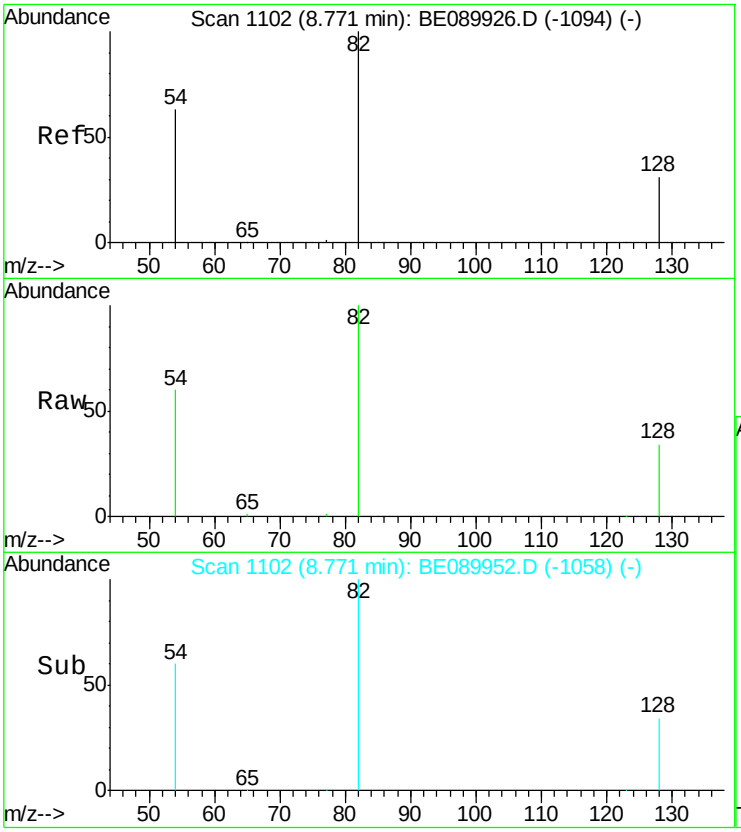


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:136 Resp: 110494

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.9	9.7	14.5
68	7.4	6.5	9.7



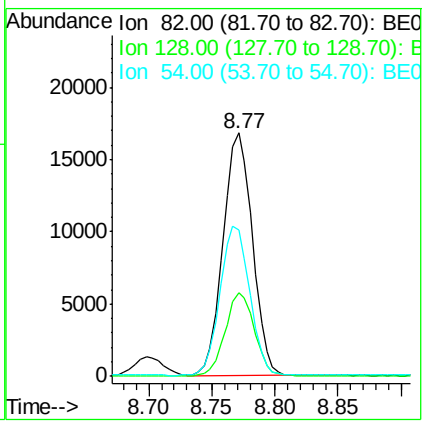


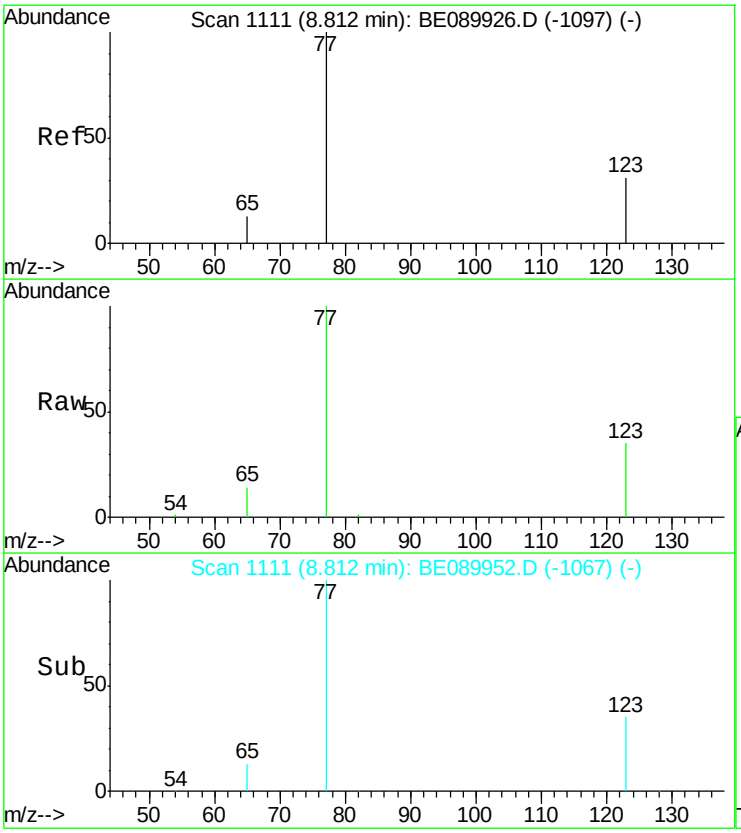
#7
Nitrobenzene-d5
Concen: 3.30 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion: 82 Resp: 27182

Ion	Ratio	Lower	Upper
82	100		
128	34.3	25.6	38.4
54	60.1	51.2	76.8

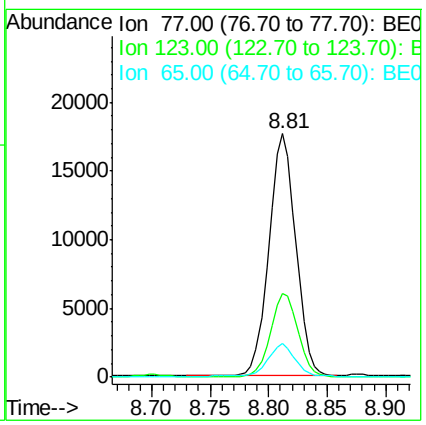


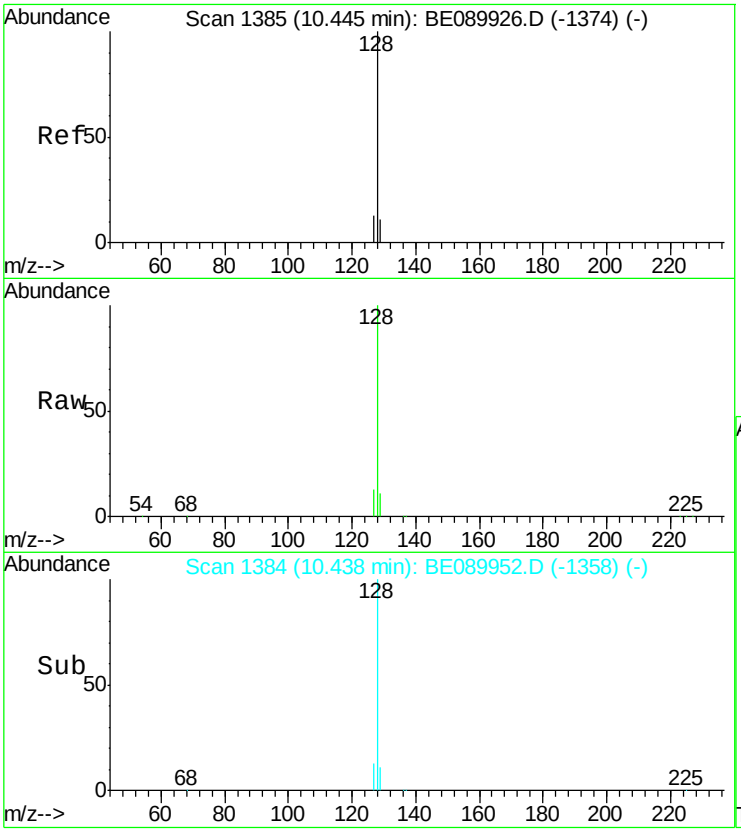


#8
Nitrobenzene
Concen: 3.22 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion: 77 Resp: 28188

Ion	Ratio	Lower	Upper
77	100		
123	34.7	26.6	39.8
65	13.2	10.2	15.4



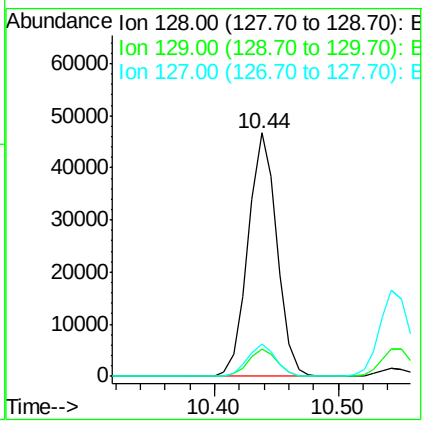


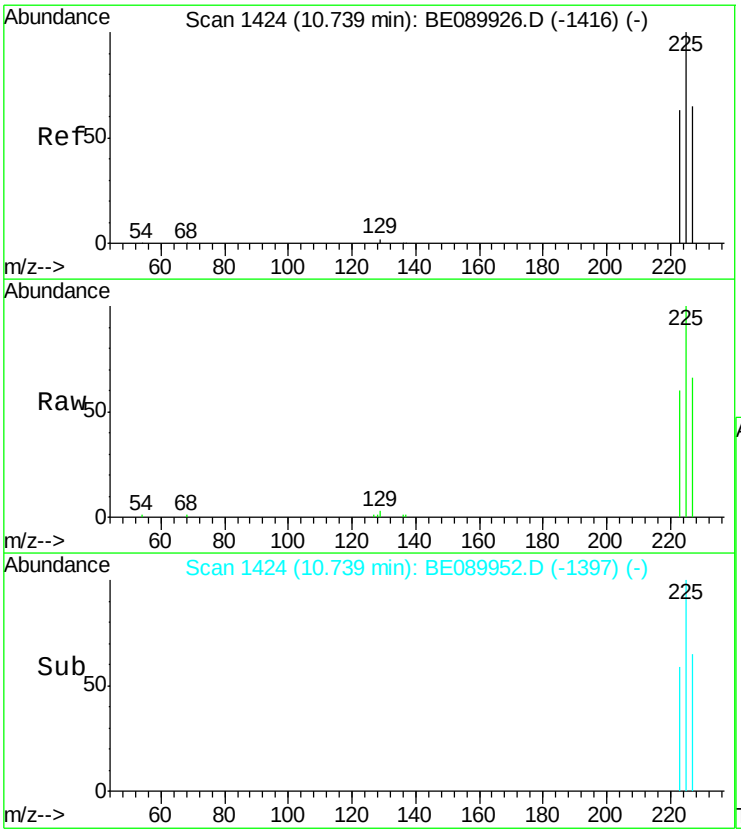
#9
Naphthalene
Concen: 3.06 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:128 Resp: 75116

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.2	15.4

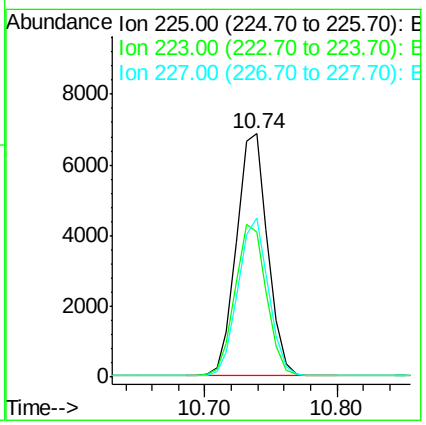


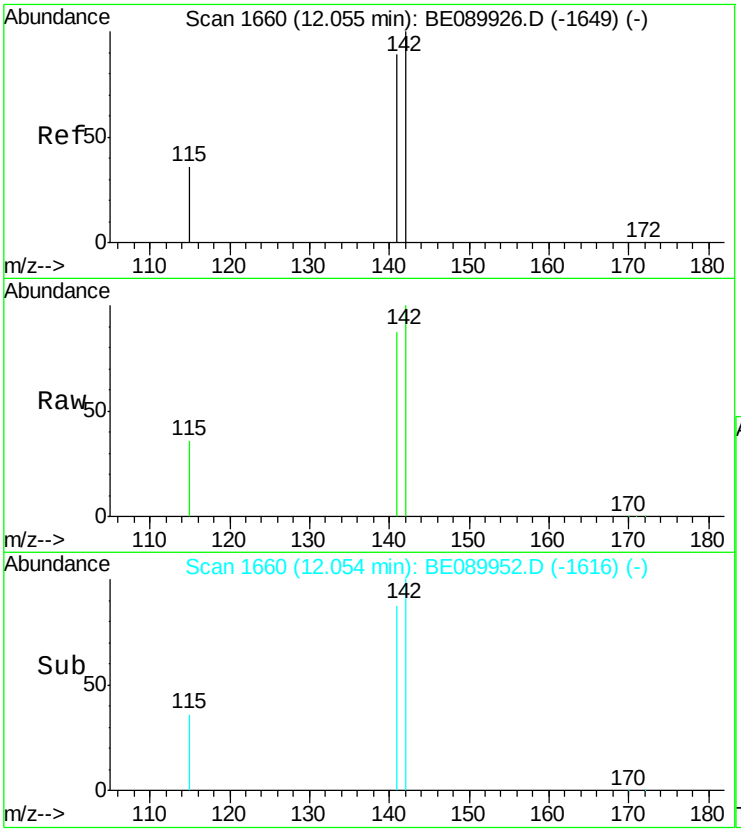


#10
Hexachlorobutadiene
Concen: 2.88 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:225 Resp: 11186

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	63.7	50.7	76.1



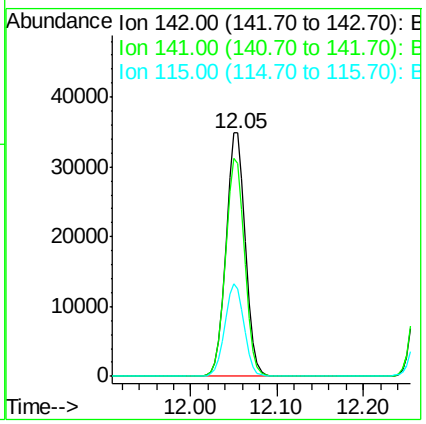


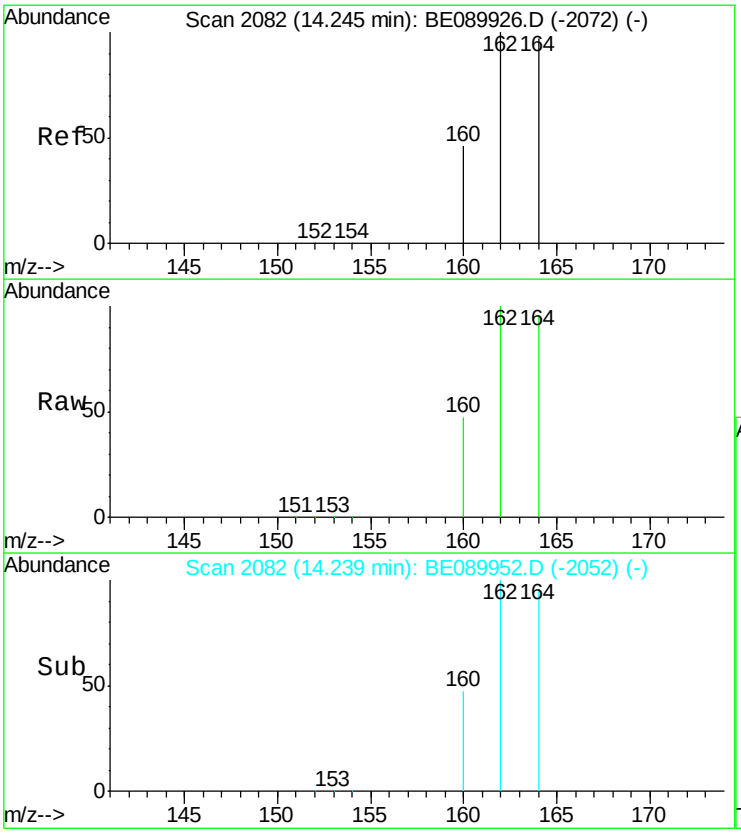
#11
2-Methylnaphthalene
Concen: 3.26 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:142 Resp: 54802

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.1	106.7
115	35.7	29.1	43.7

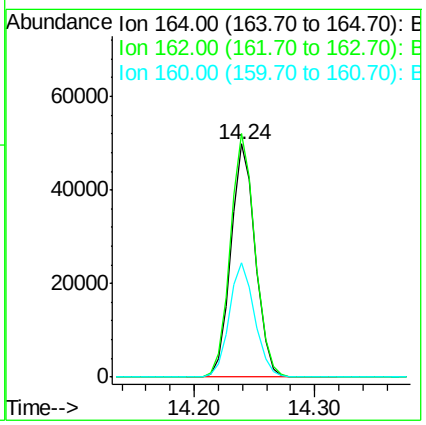


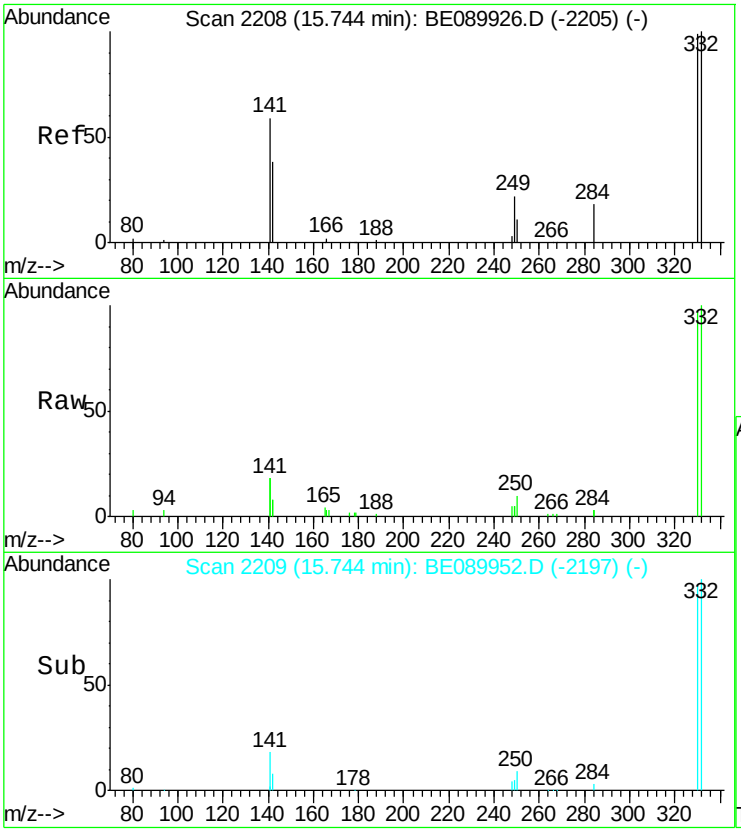


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:164 Resp: 70116

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.7	124.1
160	48.9	38.3	57.5



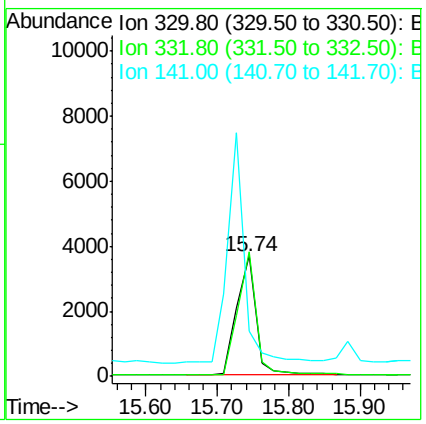


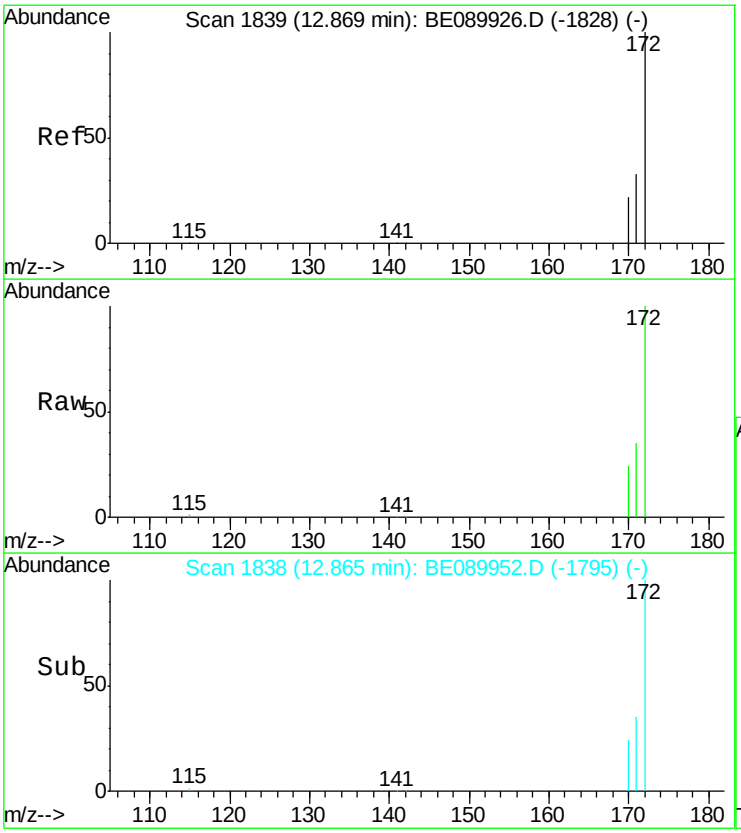
#13
2,4,6-Tribromophenol
Concen: 5.57 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:330 Resp: 6772

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.9	116.9
141	171.2	142.8	214.2

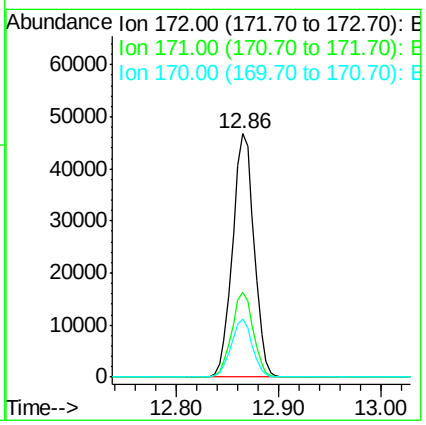


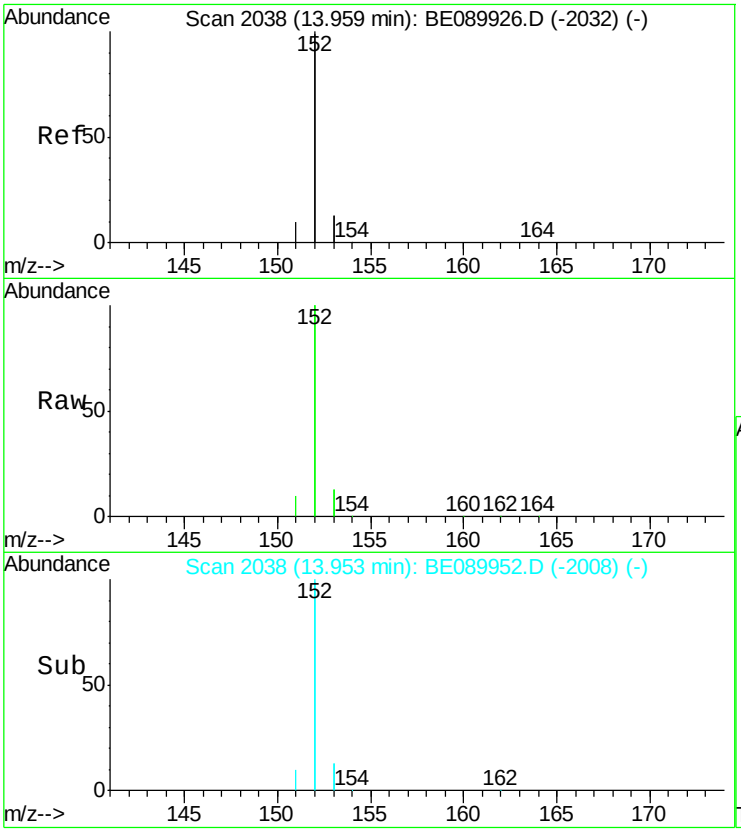


#14
2-Fluorobiphenyl
Concen: 3.31 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:172 Resp: 67635

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.7	40.1
170	23.7	17.5	26.3



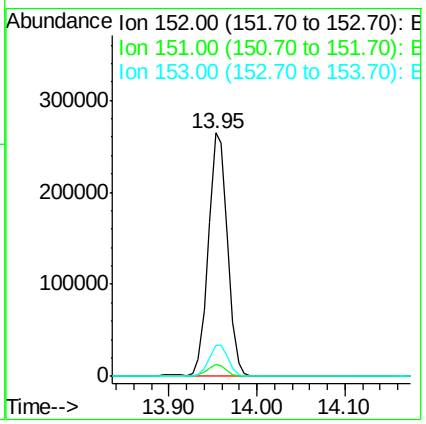


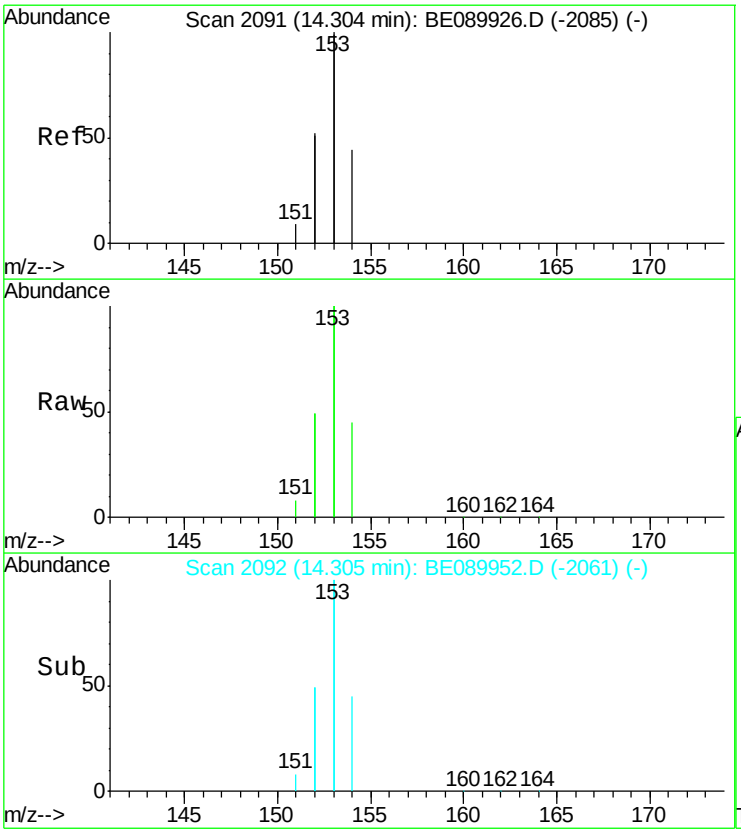
#15
Acenaphthylene
Concen: 3.19 ng
RT: 13.95 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:152 Resp: 391594

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

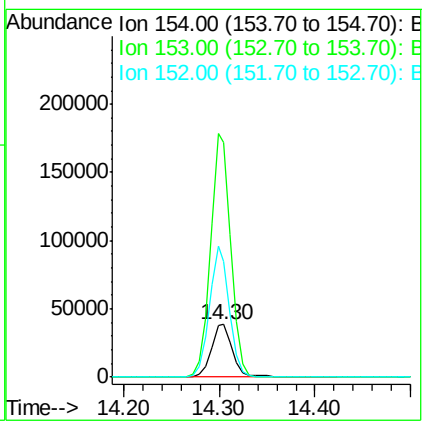


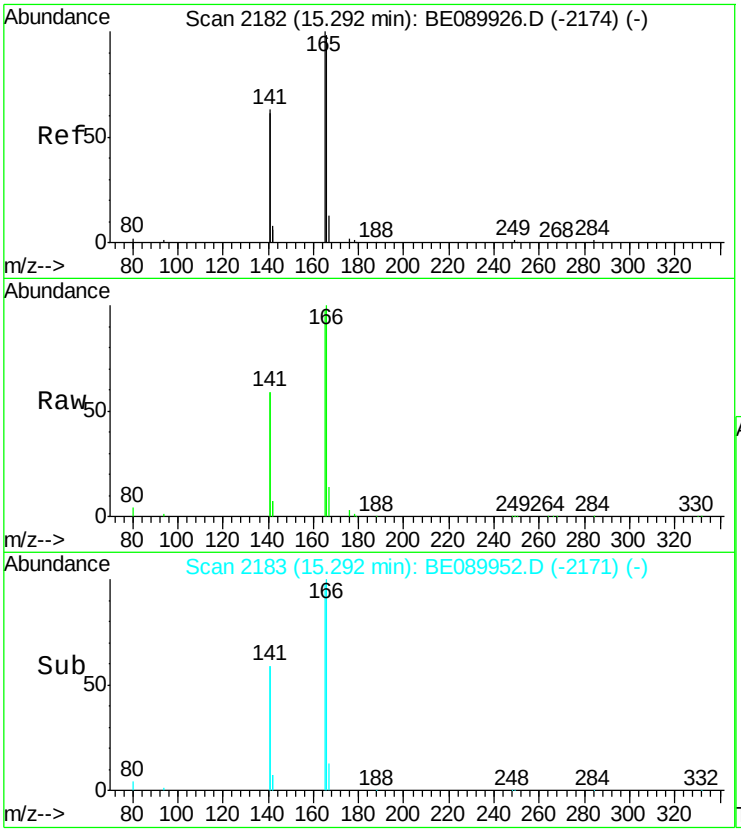


#16
Acenaphthene
Concen: 3.27 ng
RT: 14.30 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:154 Resp: 59128

Ion	Ratio	Lower	Upper
154	100		
153	445.7	362.8	544.2
152	234.5	194.6	291.8



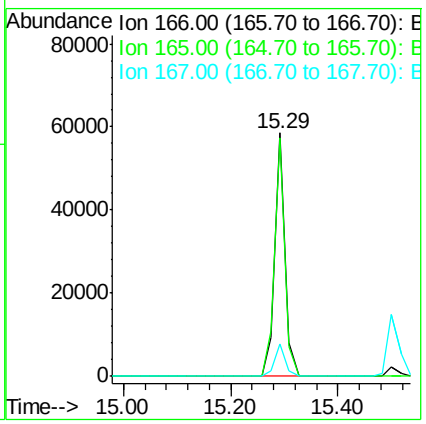


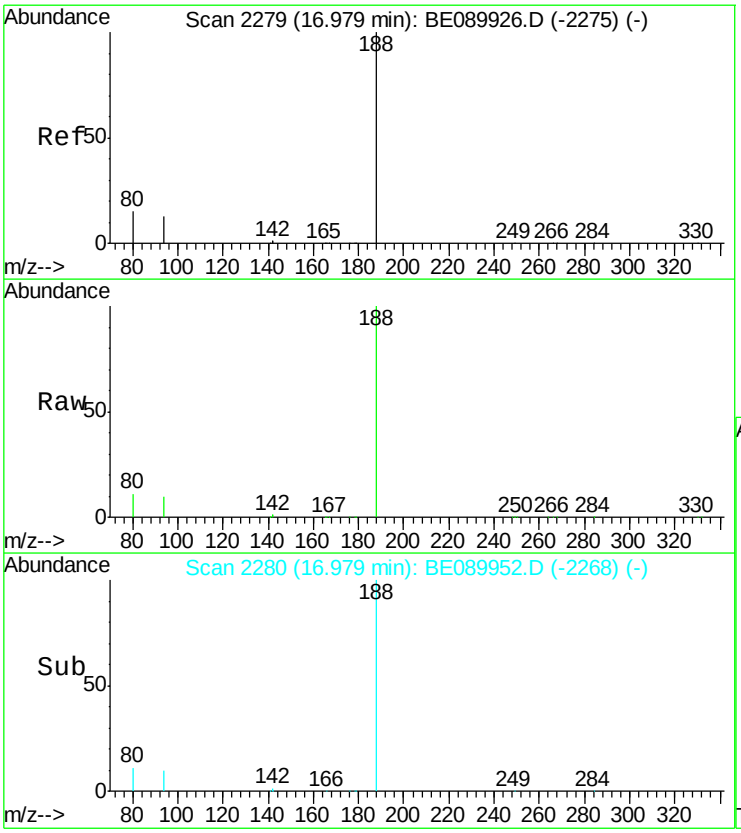
#17
Fluorene
Concen: 3.52 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:166 Resp: 79575

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	13.7	11.8	17.8

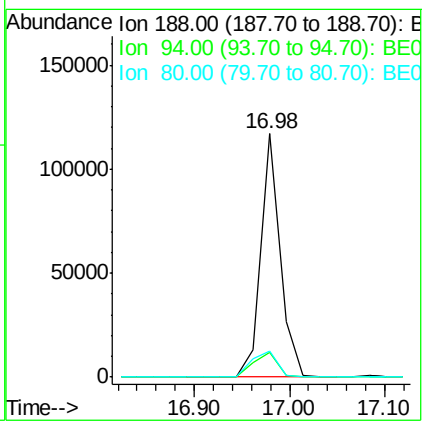


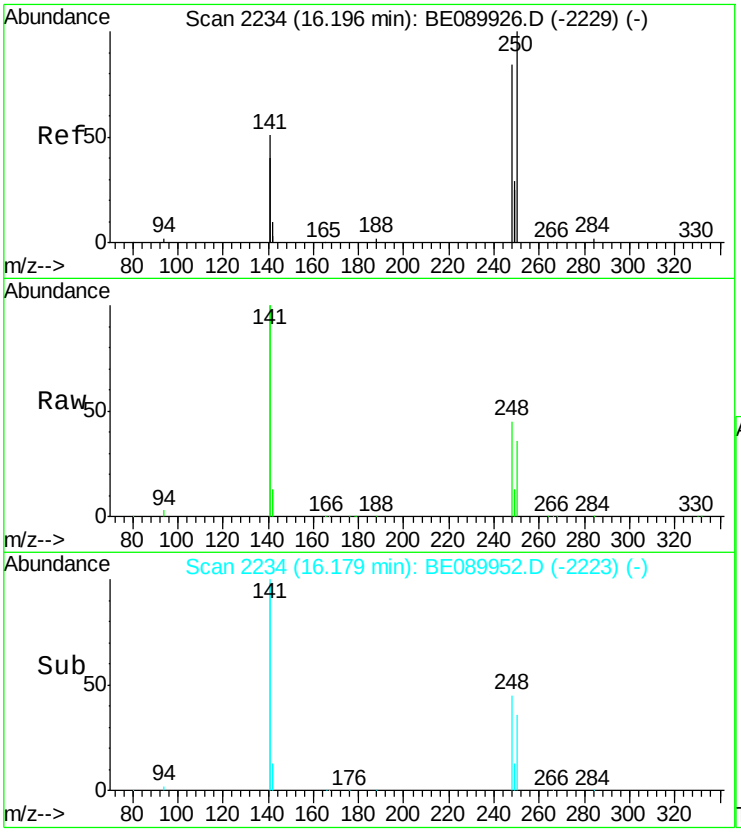


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:188 Resp: 164744

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.6	16.0#
80	10.8	11.8	17.6#



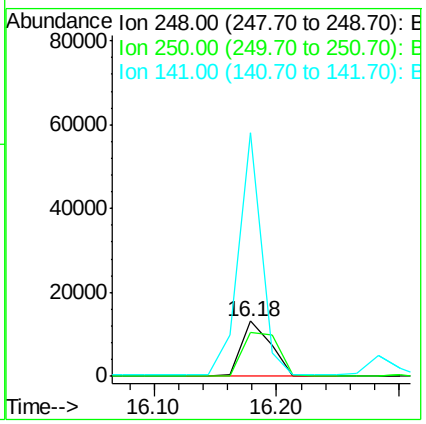


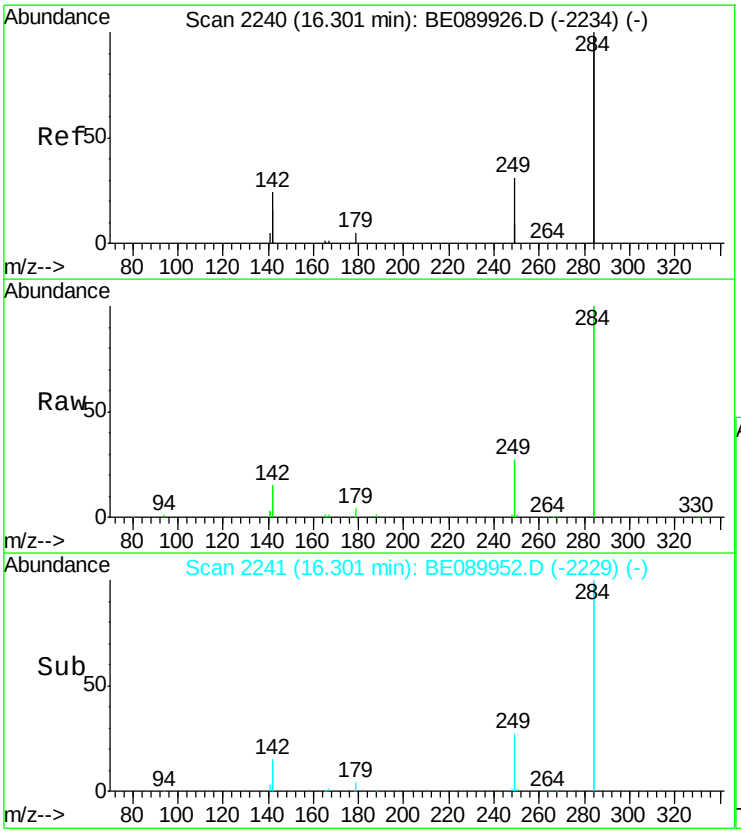
#19
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:248 Resp: 21942

Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.3	118.9
141	345.3	274.1	411.1

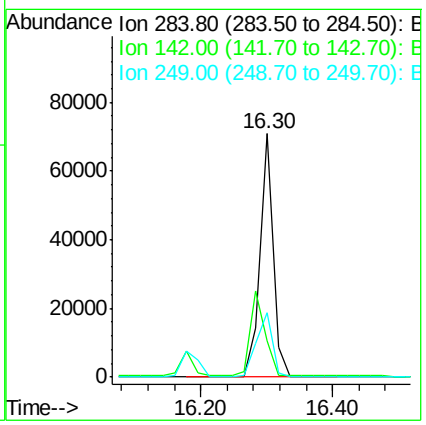


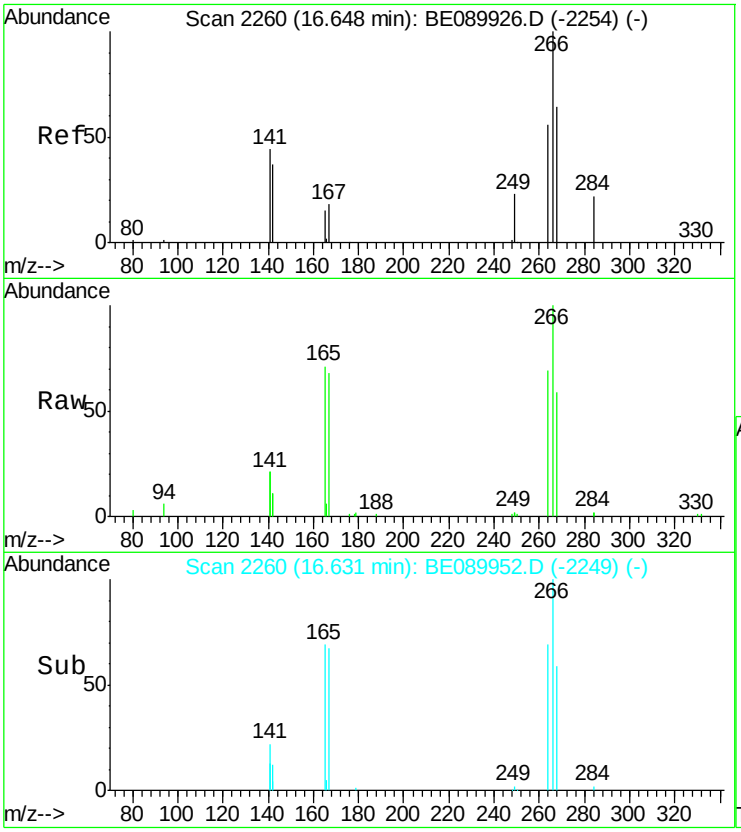


#20
Hexachlorobenzene
Concen: 3.32 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:284 Resp: 97711

Ion	Ratio	Lower	Upper
284	100		
142	39.1	32.0	48.0
249	31.5	25.0	37.6



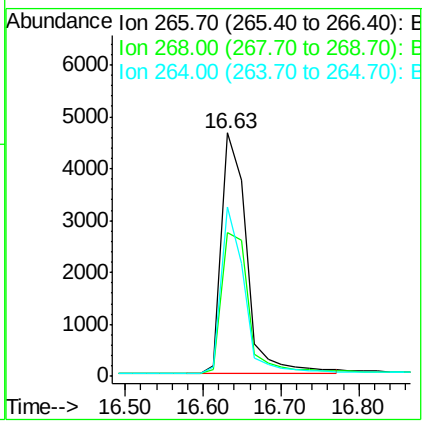


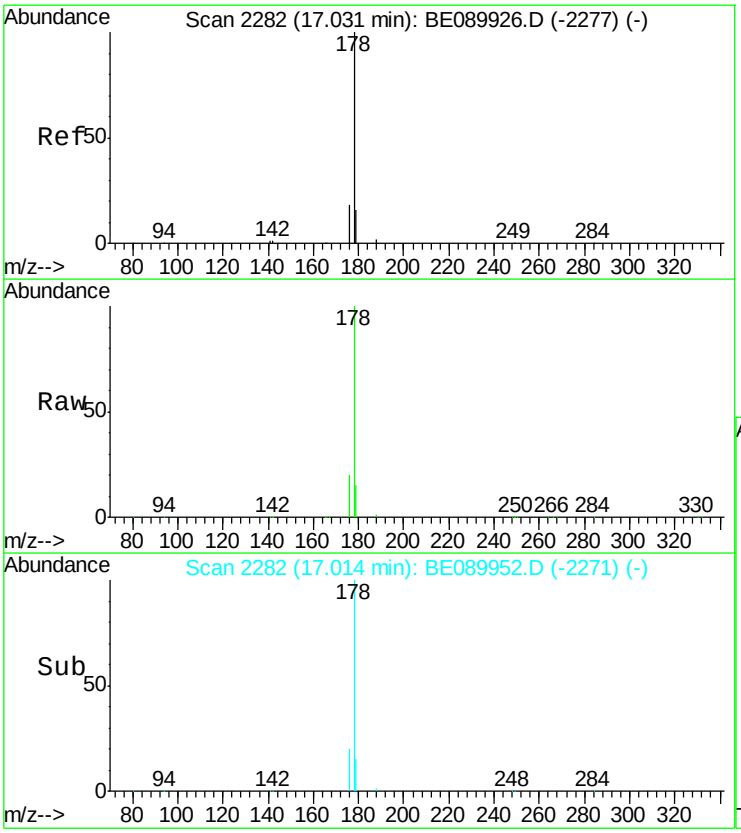
#21
Pentachlorophenol
Concen: 6.54 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:266 Resp: 10436

Ion	Ratio	Lower	Upper
266	100		
268	59.2	54.4	81.6
264	69.3	48.2	72.2

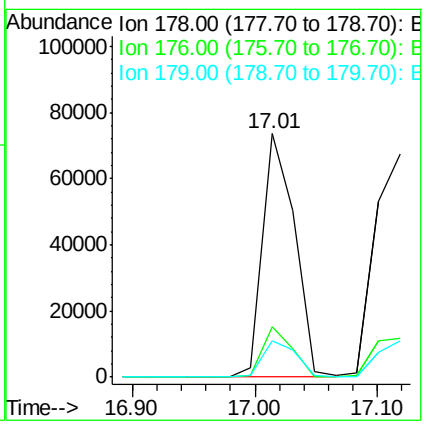


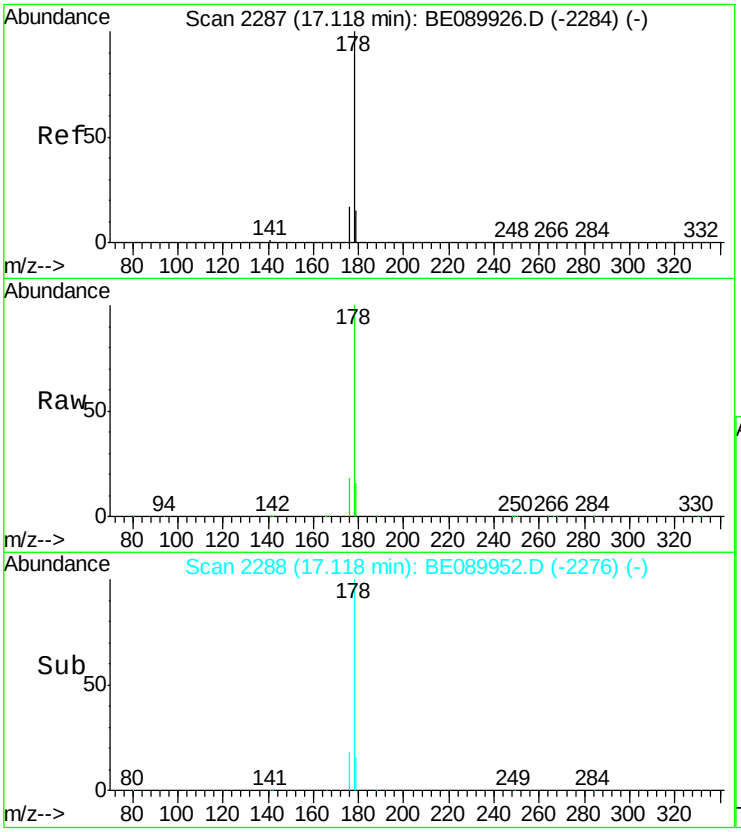


#22
Phenanthrene
Concen: 3.24 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:178 Resp: 134053

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0



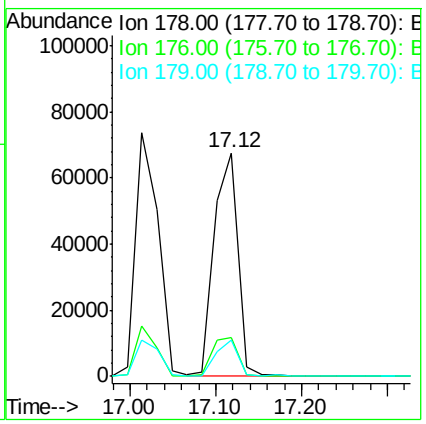


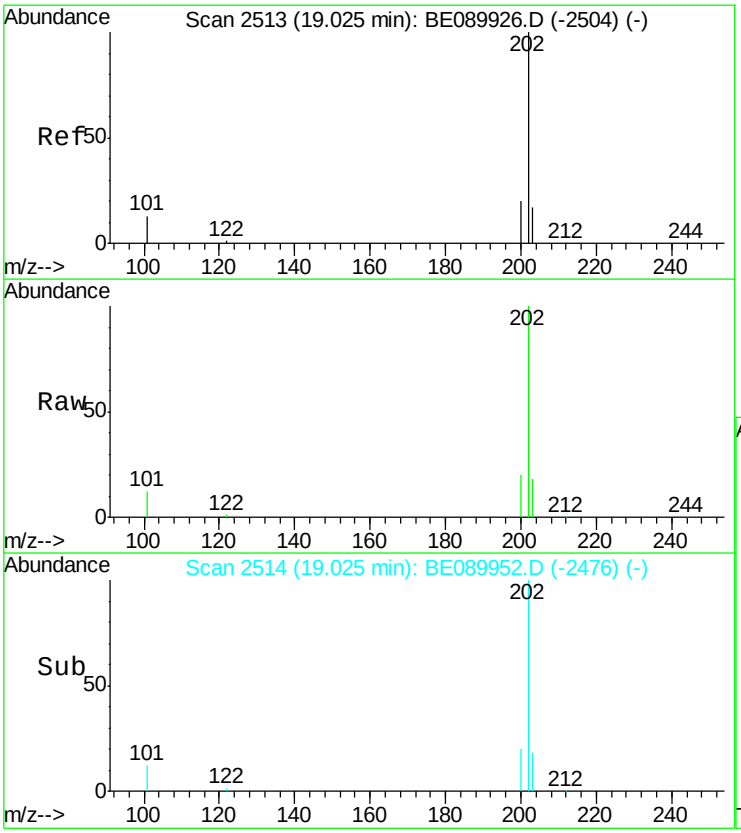
#23
Anthracene
Concen: 3.40 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:178 Resp: 130496

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.6	12.3	18.5

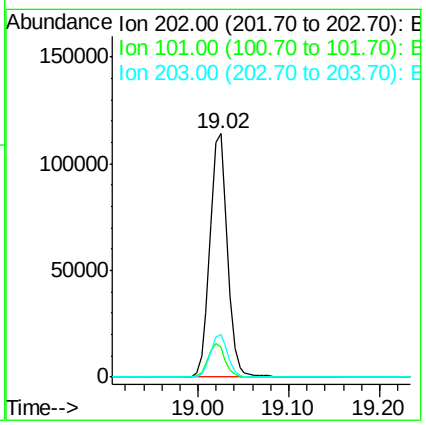


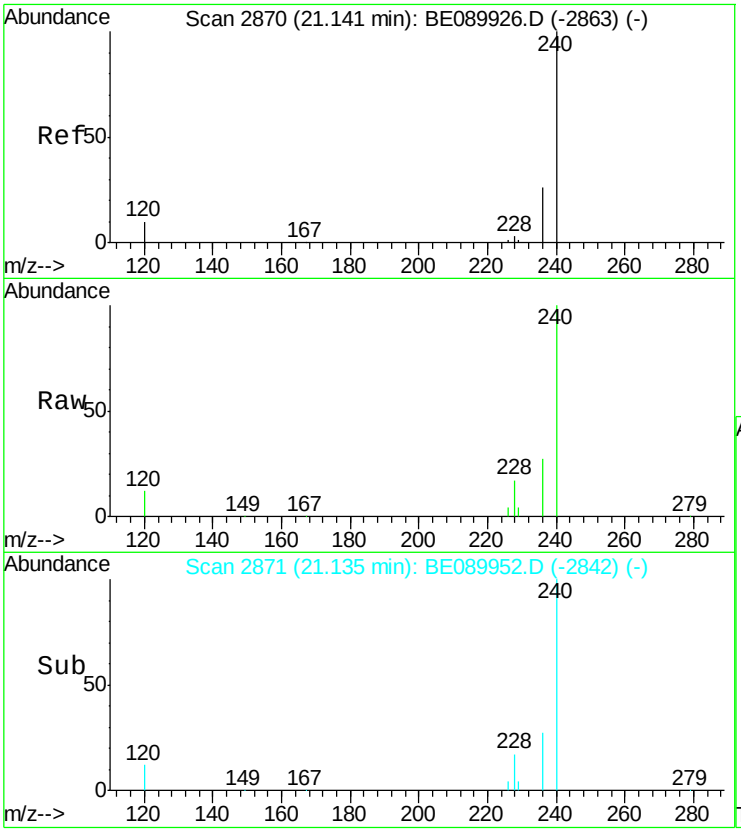


#24
Fluoranthene
Concen: 3.41 ng
RT: 19.02 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:202 Resp: 153136

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	16.0
203	17.3	13.8	20.8



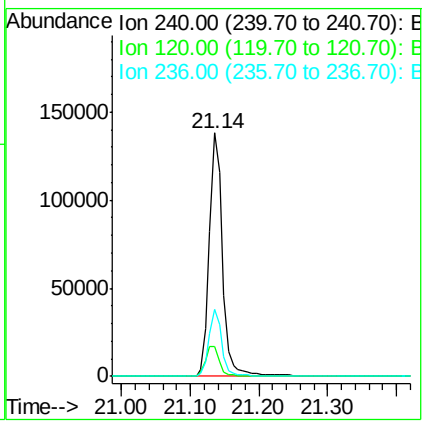


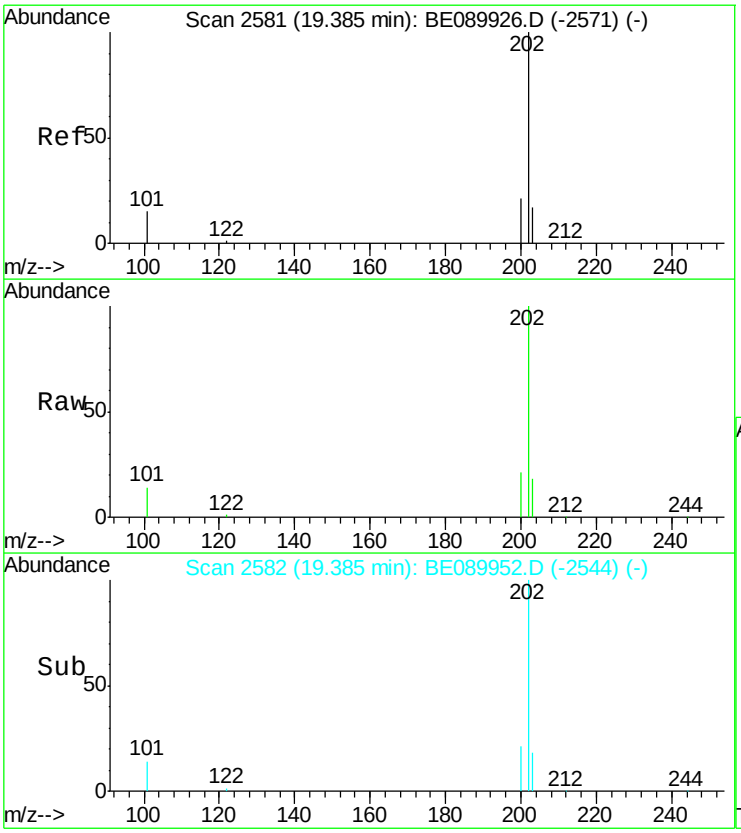
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:240 Resp: 185289

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.9	11.9#
236	27.5	21.2	31.8

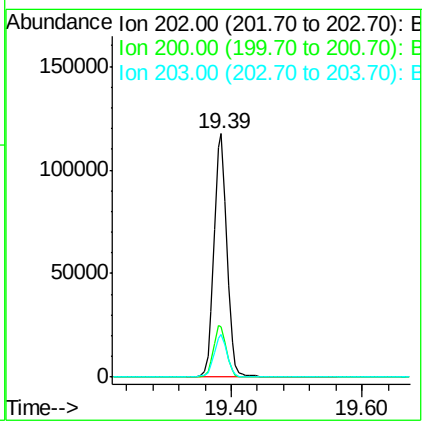


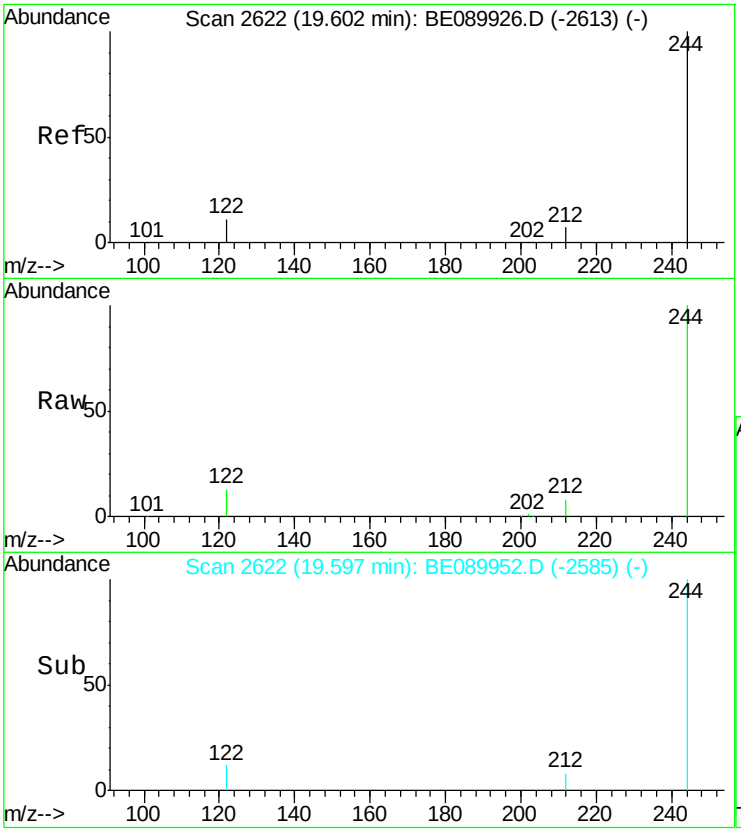


#26
Pyrene
Concen: 3.43 ng
RT: 19.39 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:202 Resp: 161045

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.0	13.9	20.9



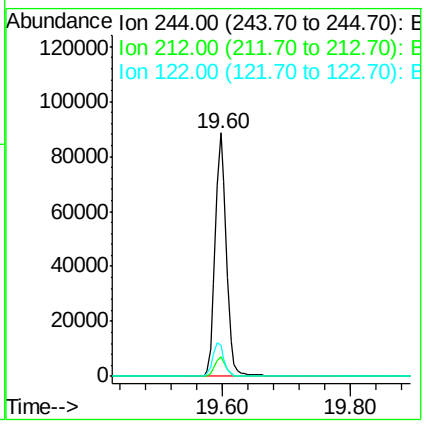


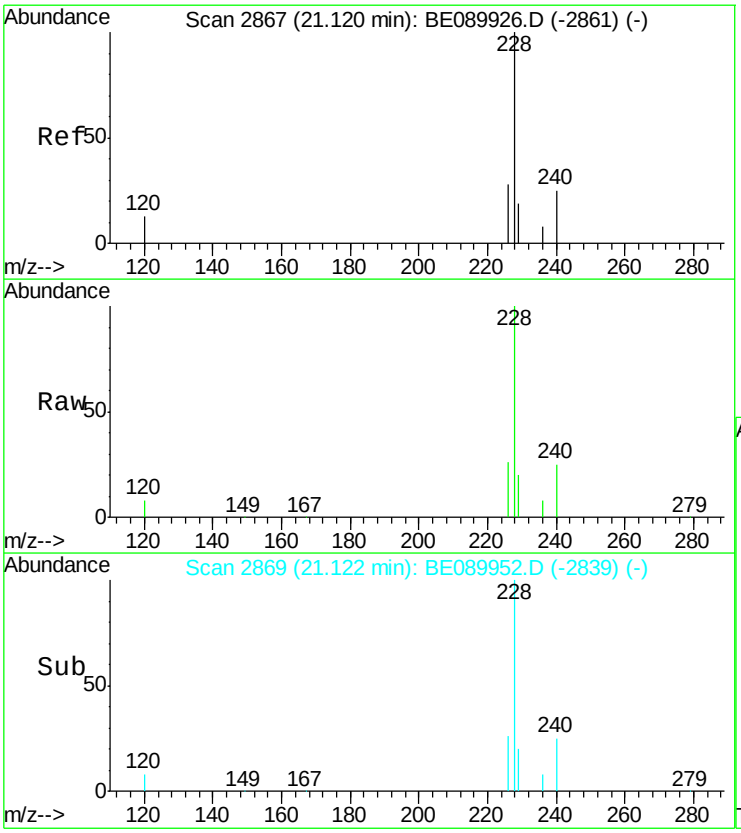
#27
Terphenyl-d14
Concen: 3.36 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:244 Resp: 107405

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.6	8.7	13.1

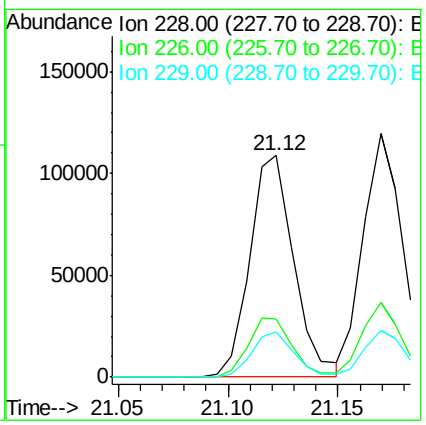


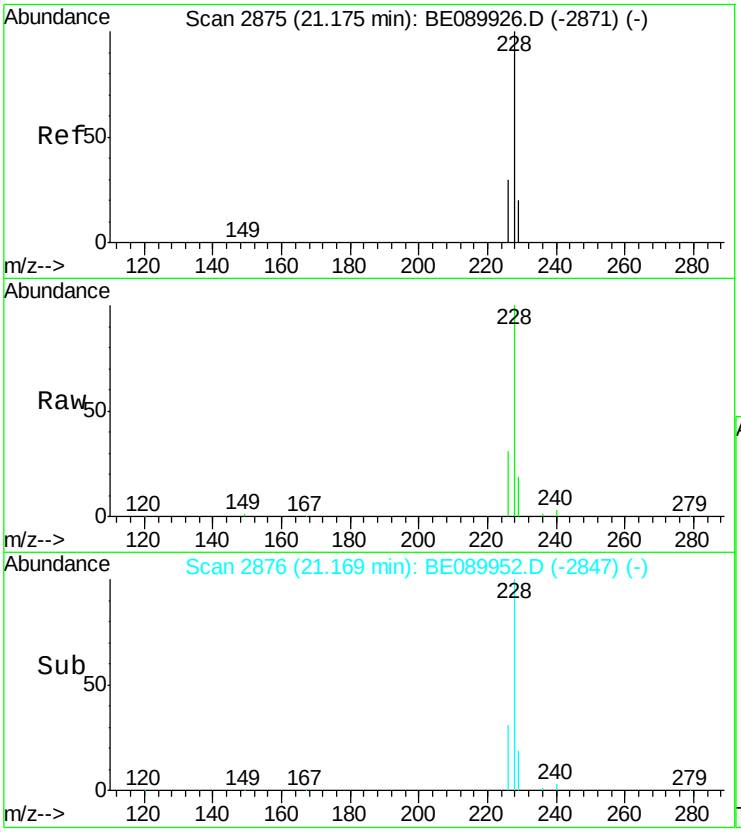


#28
Benzo(a)anthracene
Concen: 3.41 ng
RT: 21.12 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:228 Resp: 151111

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.2	33.4
229	20.3	15.3	22.9



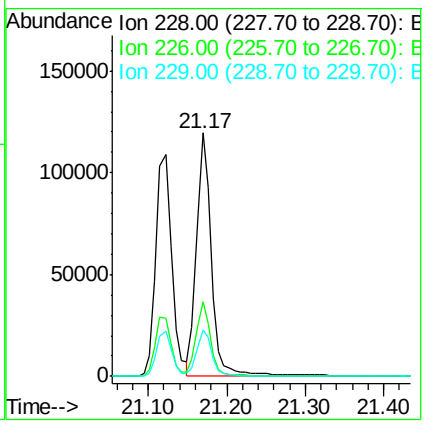


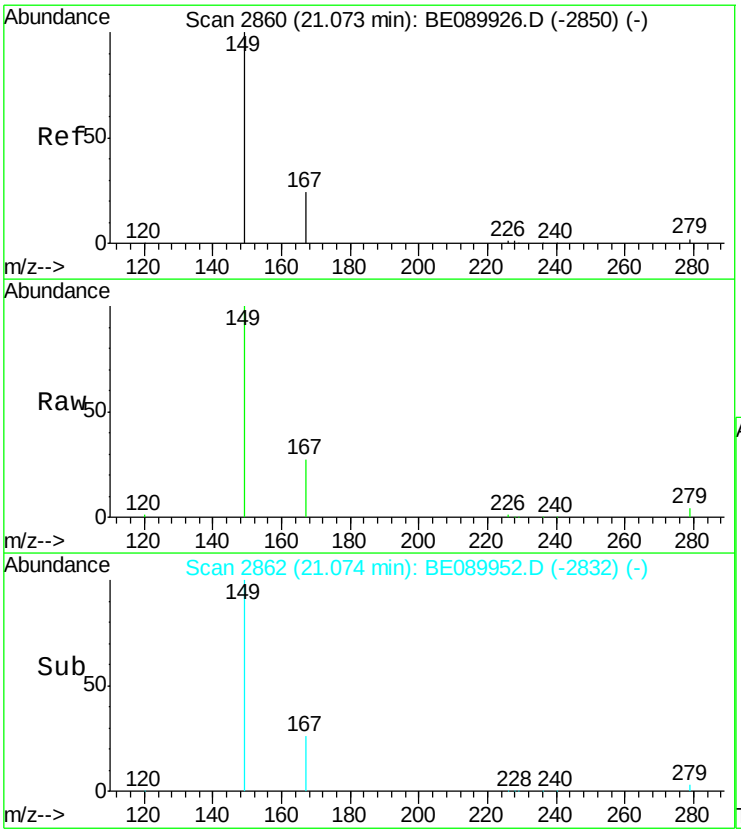
#29
Chrysene
Concen: 3.25 ng
RT: 21.17 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:228 Resp: 157578

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.2	15.8	23.8

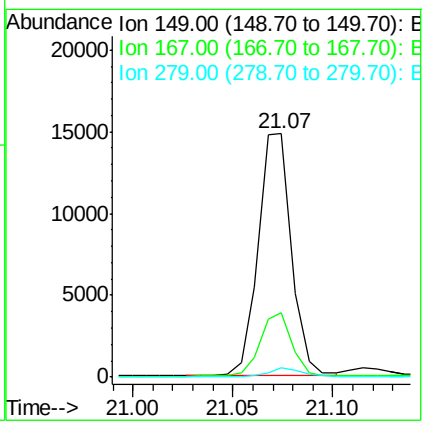


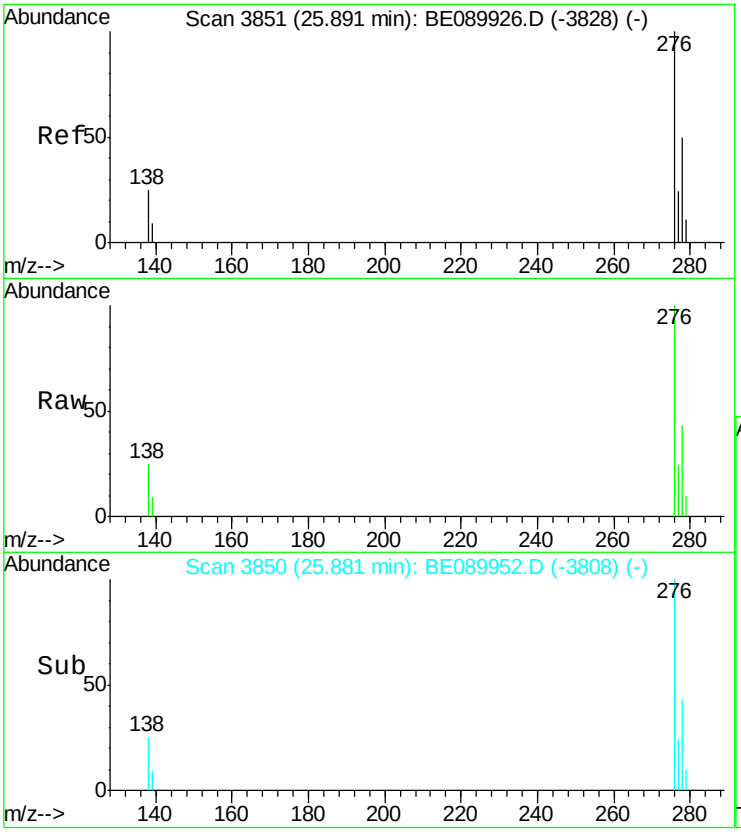


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.51 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:149 Resp: 17040

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	3.0	2.7	4.1



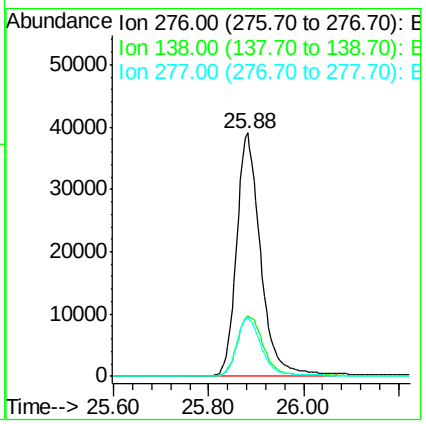


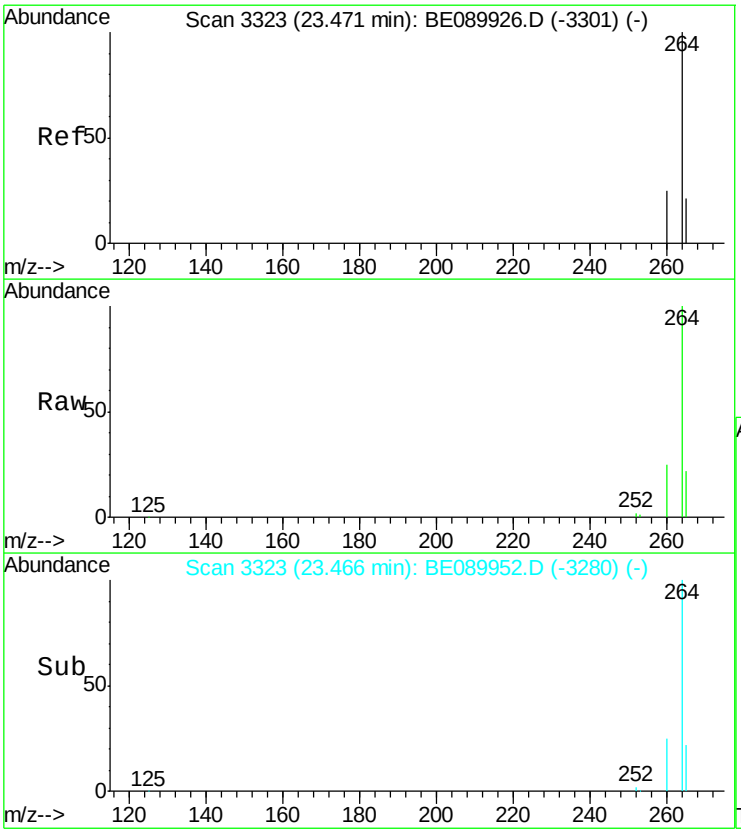
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.83 ng
RT: 25.88 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:276 Resp: 136303

Ion	Ratio	Lower	Upper
276	100		
138	27.3	0.0	0.0#
277	24.7	0.0	0.0#

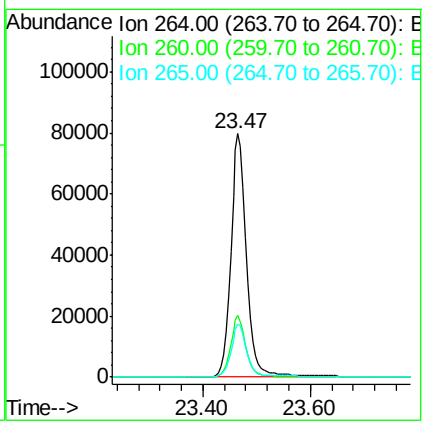


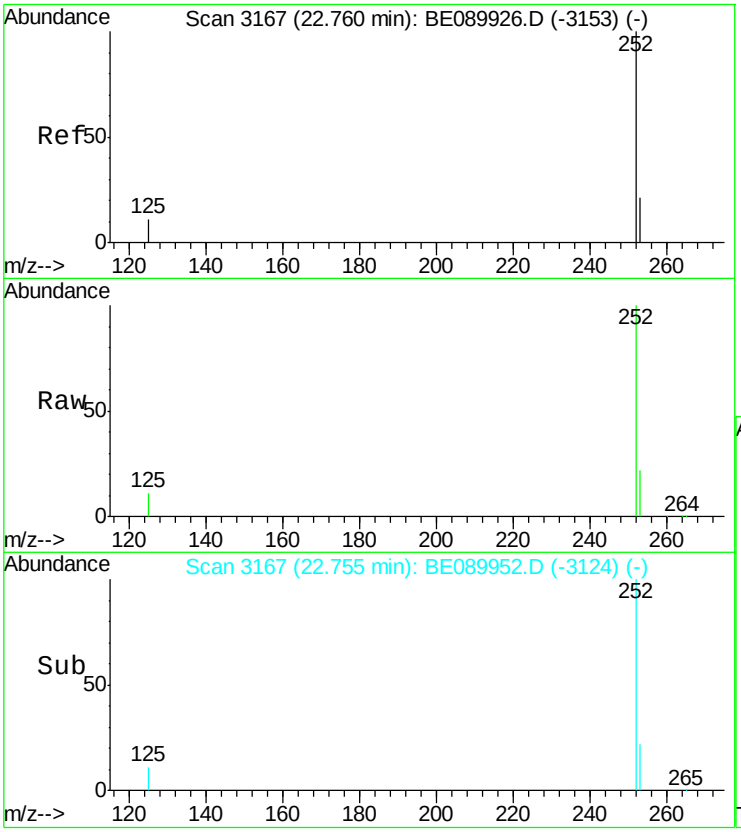


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:264 Resp: 161715

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	21.9	17.3	25.9



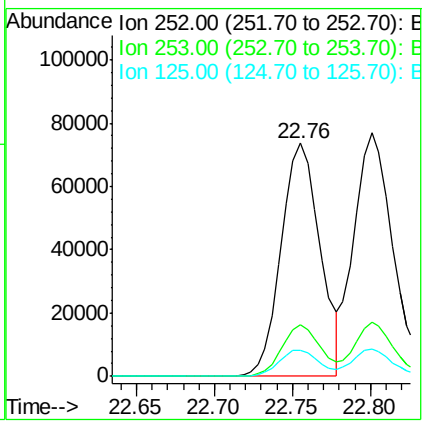


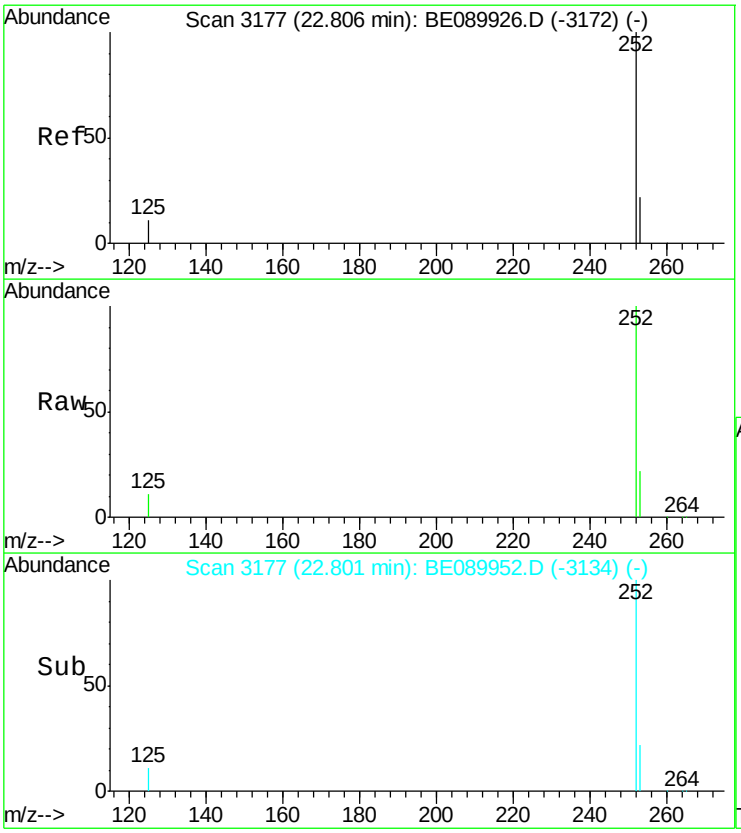
#33
Benzo(b)fluoranthene
Concen: 3.72 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:252 Resp: 127244

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.4	9.3	13.9

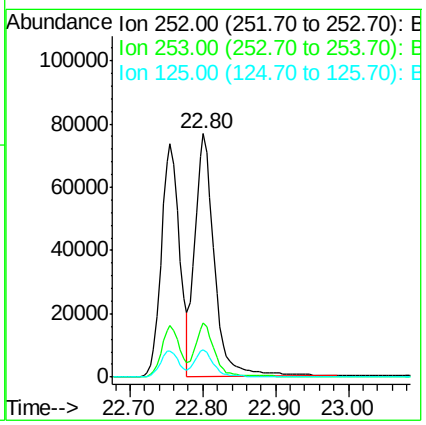


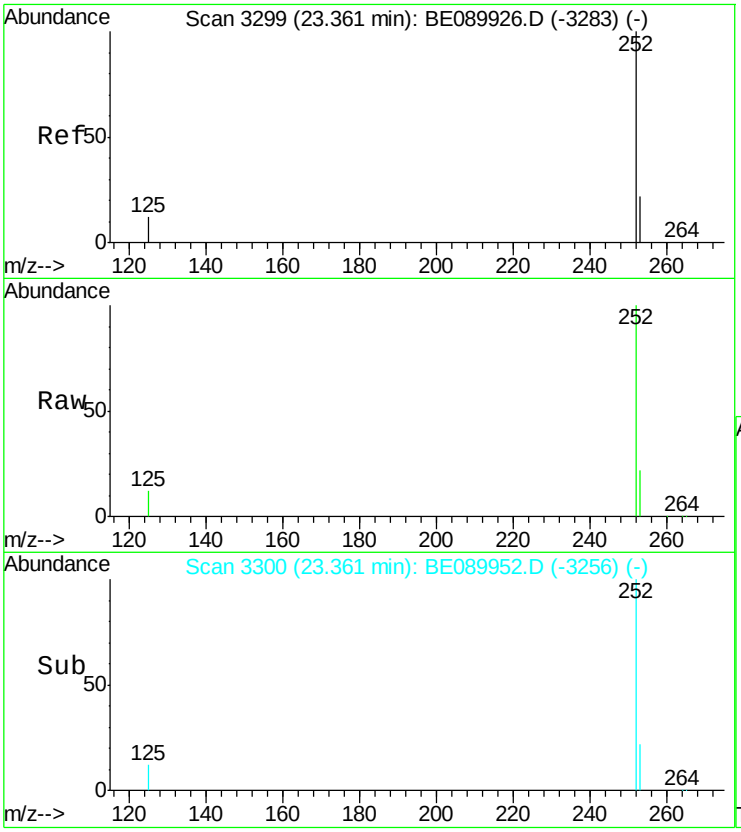


#34
Benzo(k)fluoranthene
Concen: 3.62 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:252 Resp: 140266

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.4	9.2	13.8



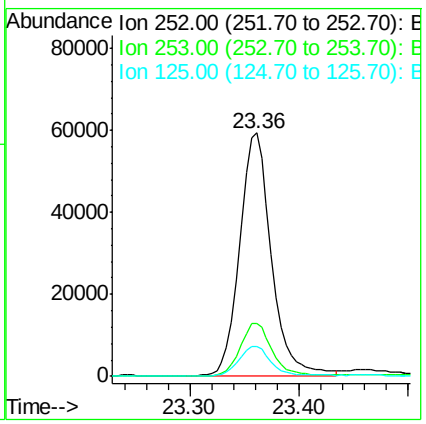


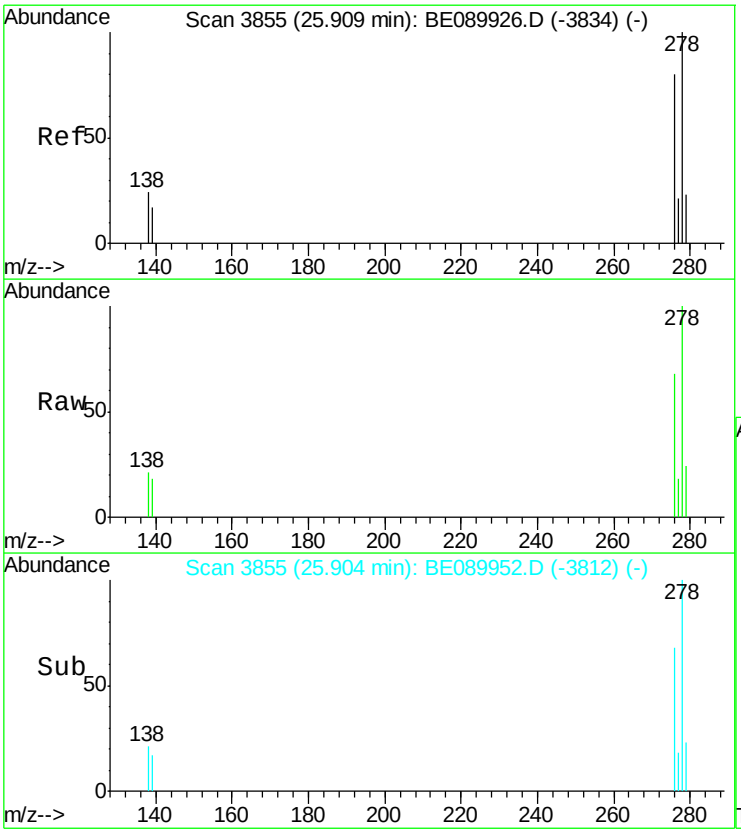
#35
Benzo(a)pyrene
Concen: 3.91 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:252 Resp: 118797

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	12.3	10.3	15.5

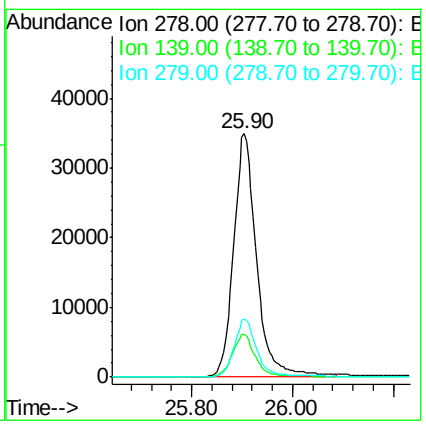


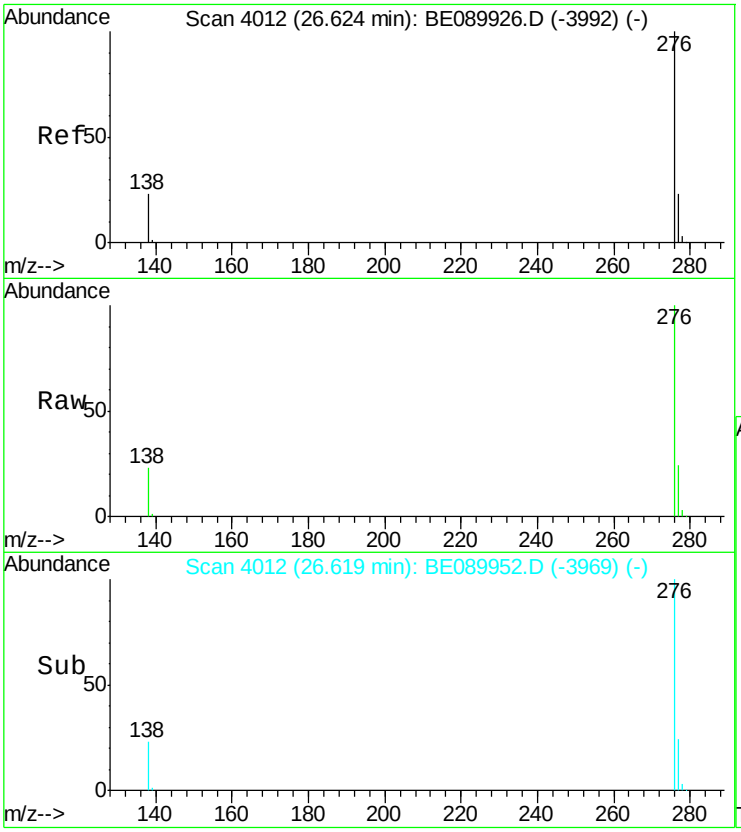


#36
Dibenzo(a,h)anthracene
Concen: 3.93 ng
RT: 25.90 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Tgt Ion:278 Resp: 111154

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	23.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089952.D
Acq: 26 Jun 2015 20:49

Instrument :
BNA_E
ClientSampleId :
PB84222BSD

Tgt Ion:276 Resp: 115599

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	23.3	18.8	28.2