Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089928.D
Acq On : 23 Jun 2015 23:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Jun 24 09:18:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration

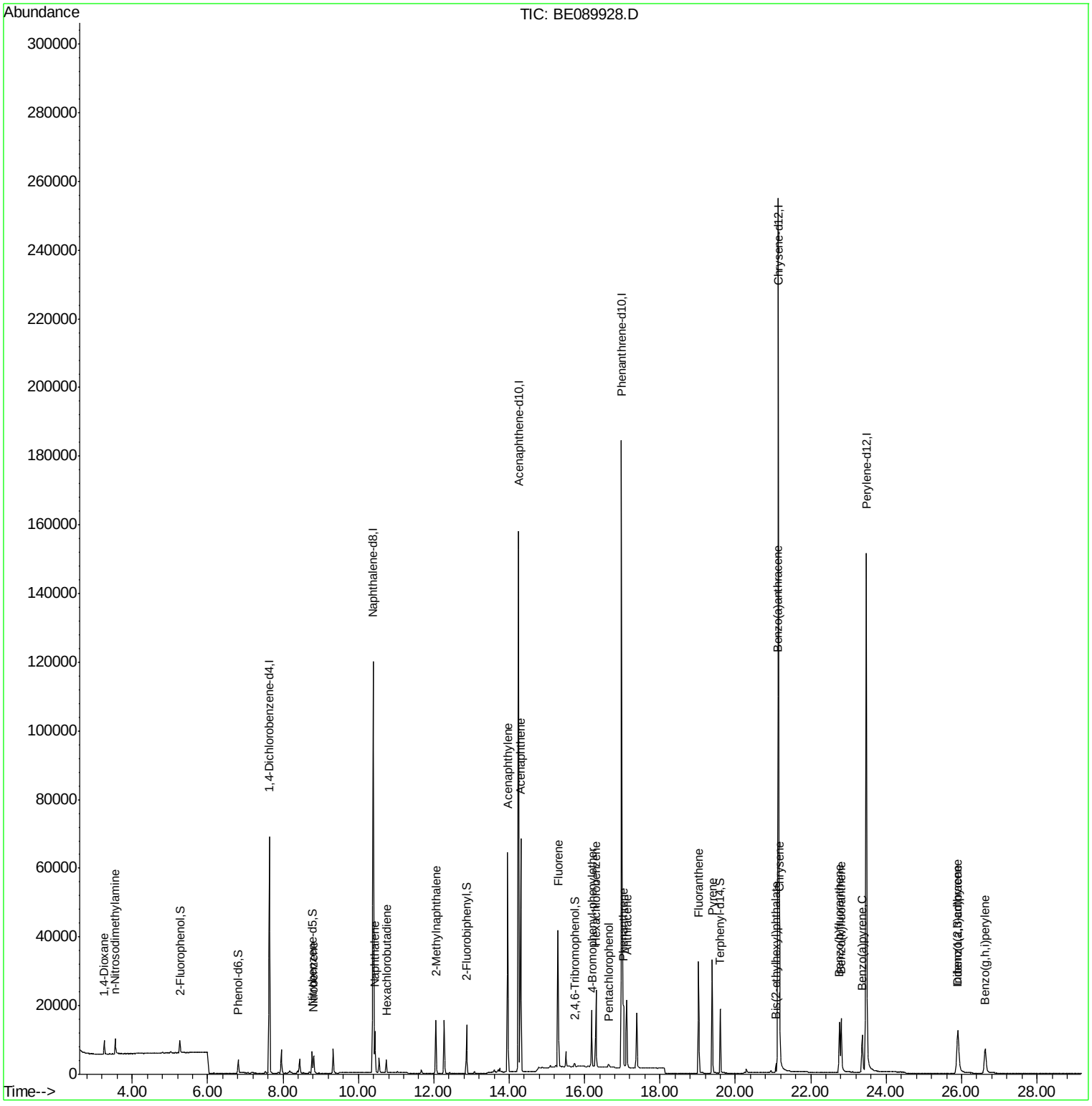
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	32817	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	150064	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	92852	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	222980	5.00	ng		0.00
25) Chrysene-d12	21.14	240	240749	5.00	ng		0.00
32) Perylene-d12	23.47	264	212599	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2636	0.36	ng		0.00
5) Phenol-d6	6.81	99	4114	0.42	ng		0.00
7) Nitrobenzene-d5	8.77	82	5191	0.45	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	460	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	13127	0.41	ng		0.00
27) Terphenyl-d14	19.60	244	20063	0.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	2069	0.56	ng	#	95
3) n-Nitrosodimethylamine	3.55	42	2852	0.50	ng	#	95
8) Nitrobenzene	8.81	77	5523	0.45	ng		98
9) Naphthalene	10.44	128	16154	0.45	ng		98
10) Hexachlorobutadiene	10.74	225	2532	0.42	ng		100
11) 2-Methylnaphthalene	12.05	142	10829	0.47	ng		99
15) Acenaphthylene	13.96	152	77345	1.34	ng		100
16) Acenaphthene	14.30	154	11444	0.42	ng		99
17) Fluorene	15.29	166	15349	0.63	ng		100
19) 4-Bromophenyl-phenylether	16.20	248	4414	0.49	ng		94
20) Hexachlorobenzene	16.30	284	19203	1.81	ng		99
21) Pentachlorophenol	16.65	266	569	0.22	ng		89
22) Phenanthrene	17.03	178	27160	0.37	ng		99
23) Anthracene	17.12	178	24790	0.73	ng		100
24) Fluoranthene	19.02	202	28561	0.58	ng		99
26) Pyrene	19.38	202	28875	0.36	ng		100
28) Benzo(a)anthracene	21.12	228	26816	0.38	ng		100
29) Chrysene	21.17	228	30463	0.41	ng		99
30) Bis(2-ethylhexyl)phthalate	21.07	149	2206	0.06	ng		100
31) Indeno(1,2,3-cd)pyrene	25.89	276	20398	0.29	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	20653	0.31	ng		99
34) Benzo(k)fluoranthene	22.81	252	23472	0.38	ng		99
35) Benzo(a)pyrene	23.36	252	17777	0.32	ng		100
36) Dibenzo(a,h)anthracene	25.91	278	16193	0.29	ng		100
37) Benzo(g,h,i)perylene	26.62	276	17835	0.30	ng		99

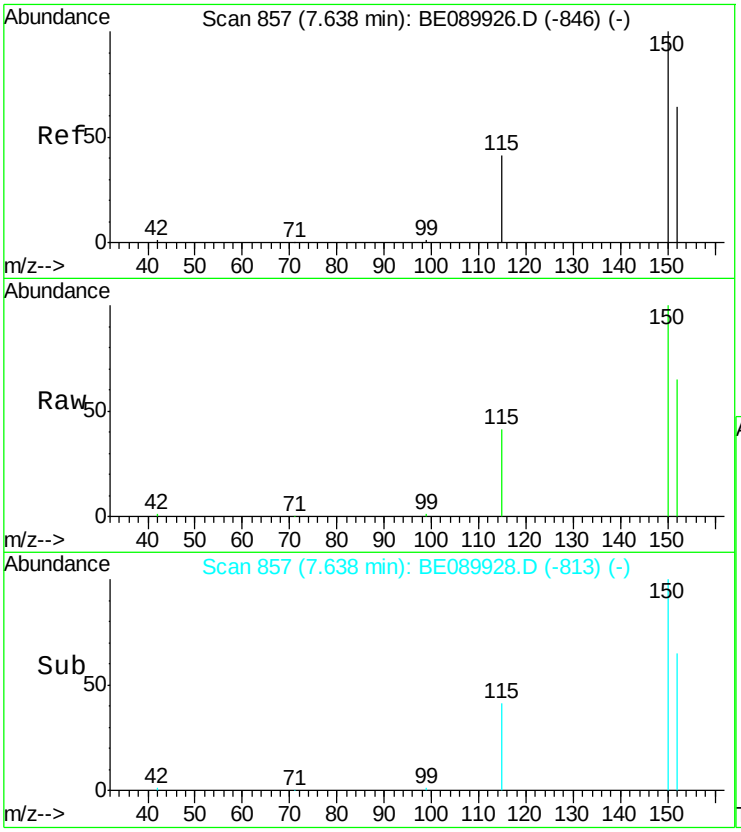
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089928.D
Acq On : 23 Jun 2015 23:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Jun 24 09:18:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration



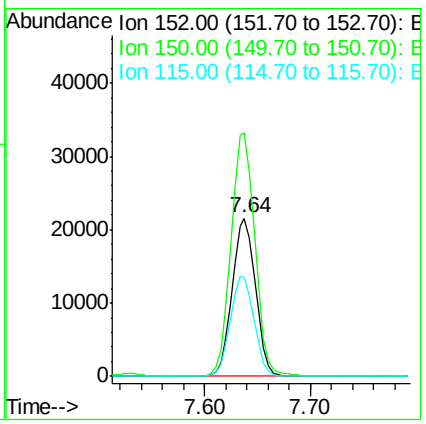


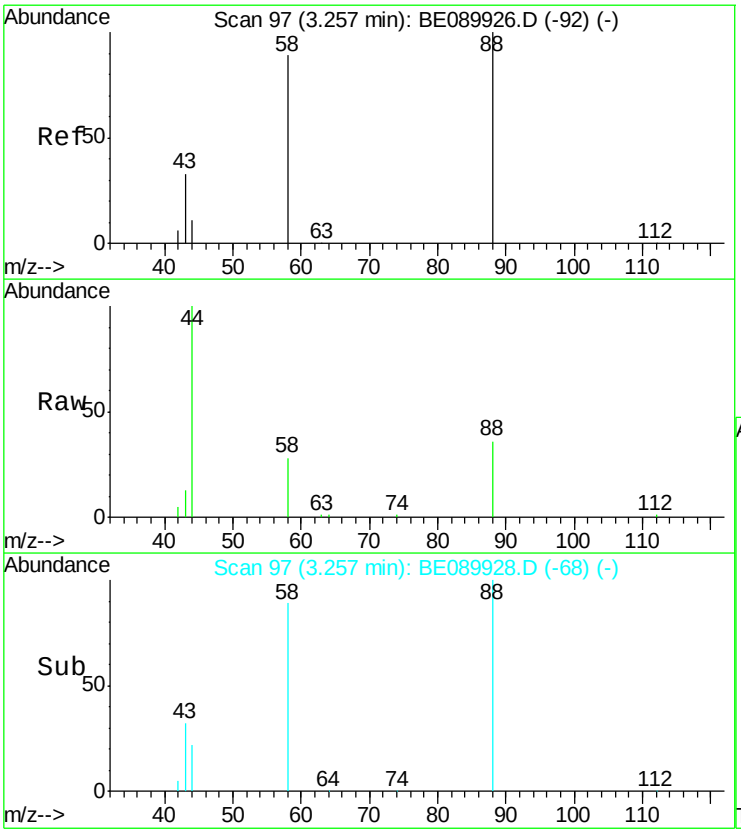
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 32817

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	62.9	51.6	77.4

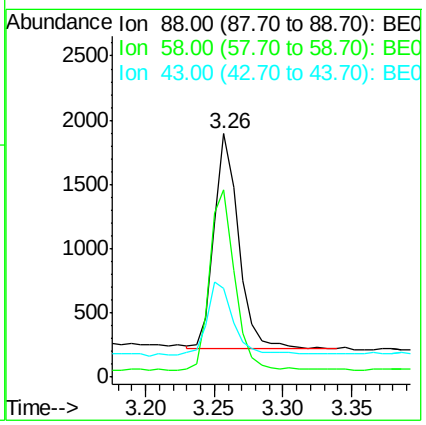


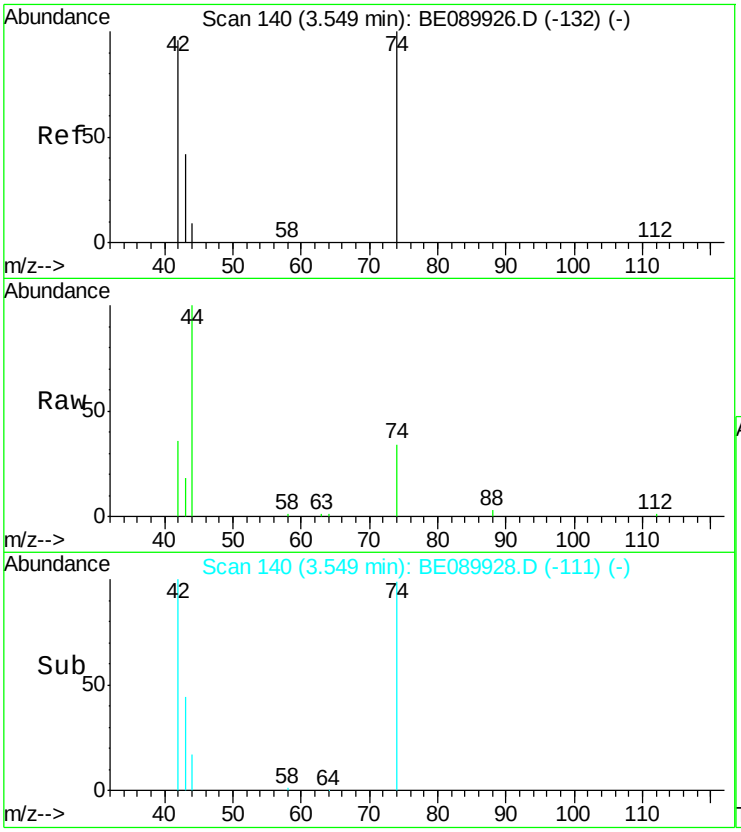


#2
1,4-Dioxane
Concen: 0.56 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion: 88 Resp: 2069

Ion	Ratio	Lower	Upper
88	100		
58	86.3	70.8	106.2
43	40.3	26.8	40.2#



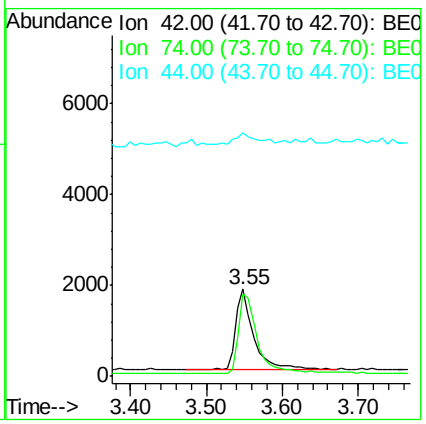


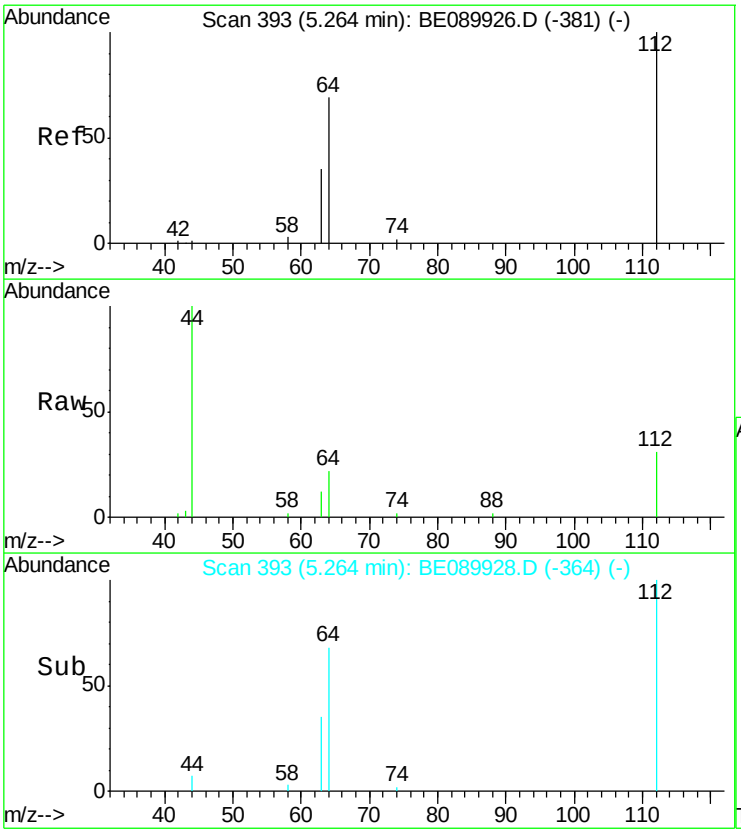
#3
n-Nitrosodimethylamine
Concen: 0.50 ng
RT: 3.55 min Scan# 140
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 2852

Ion	Ratio	Lower	Upper
42	100		
74	103.6	85.4	128.2
44	18.5	8.4	12.6#

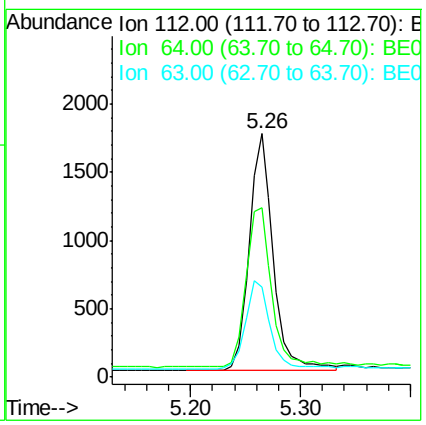


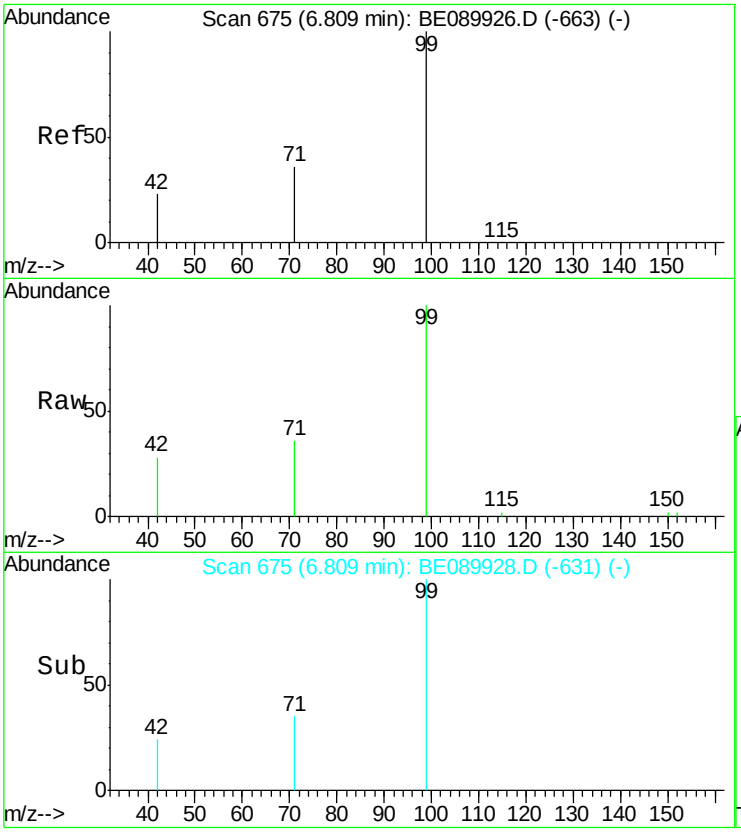


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:112 Resp: 2636

Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.4	86.2
63	39.8	31.2	46.8



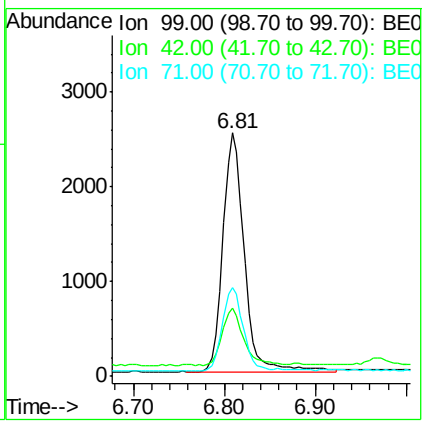


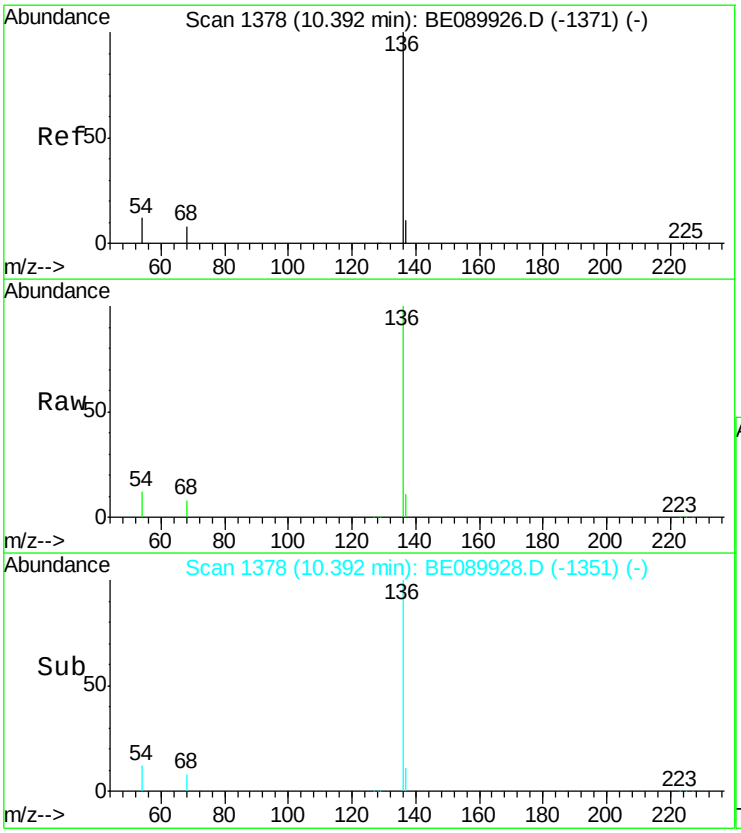
#5
Phenol-d6
Concen: 0.42 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 4114

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.5	29.3
71	33.8	27.8	41.6

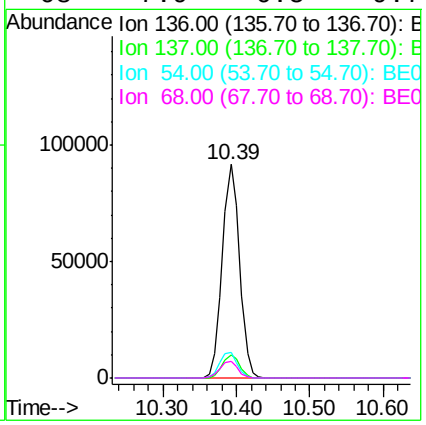


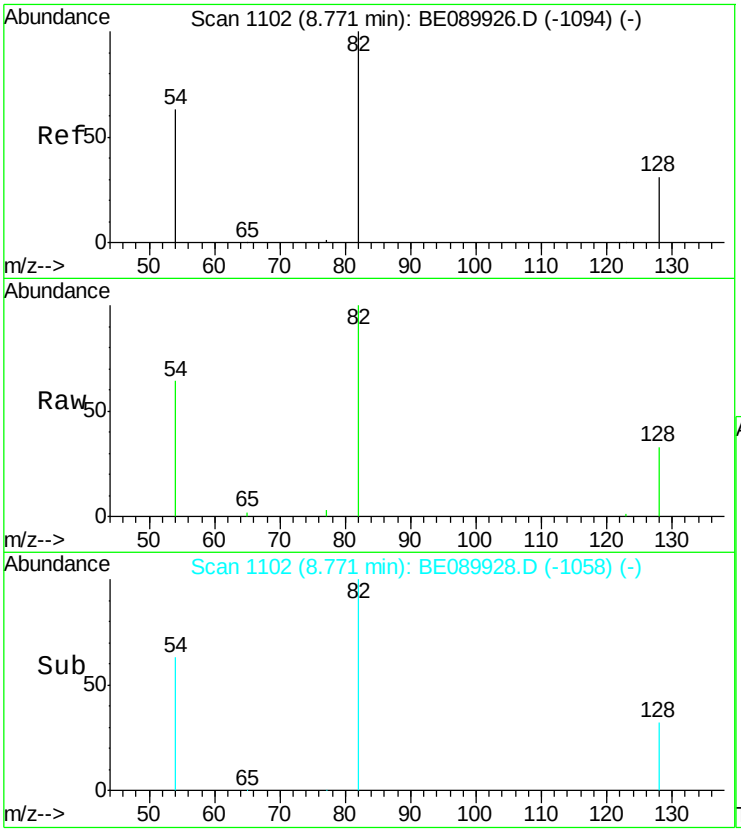


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:136 Resp: 150064

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.8	9.7	14.5
68	7.9	6.5	9.7



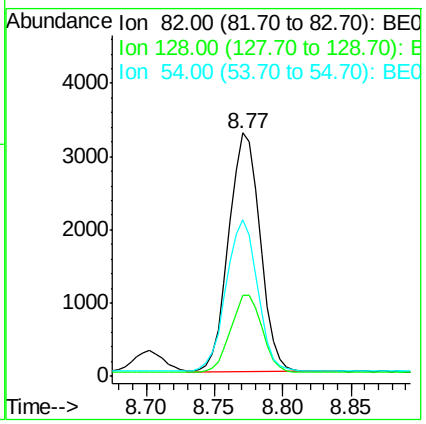


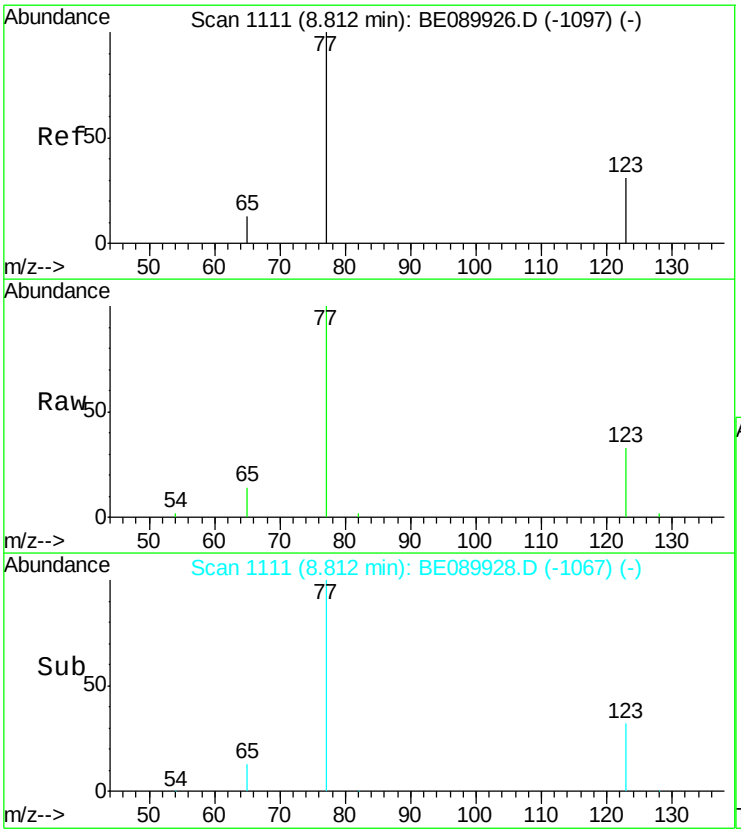
#7
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 5191

Ion	Ratio	Lower	Upper
82	100		
128	33.2	25.6	38.4
54	64.3	51.2	76.8

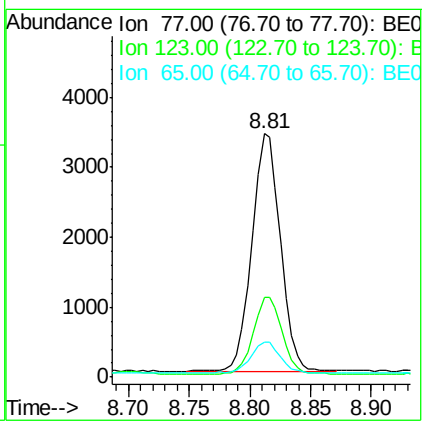


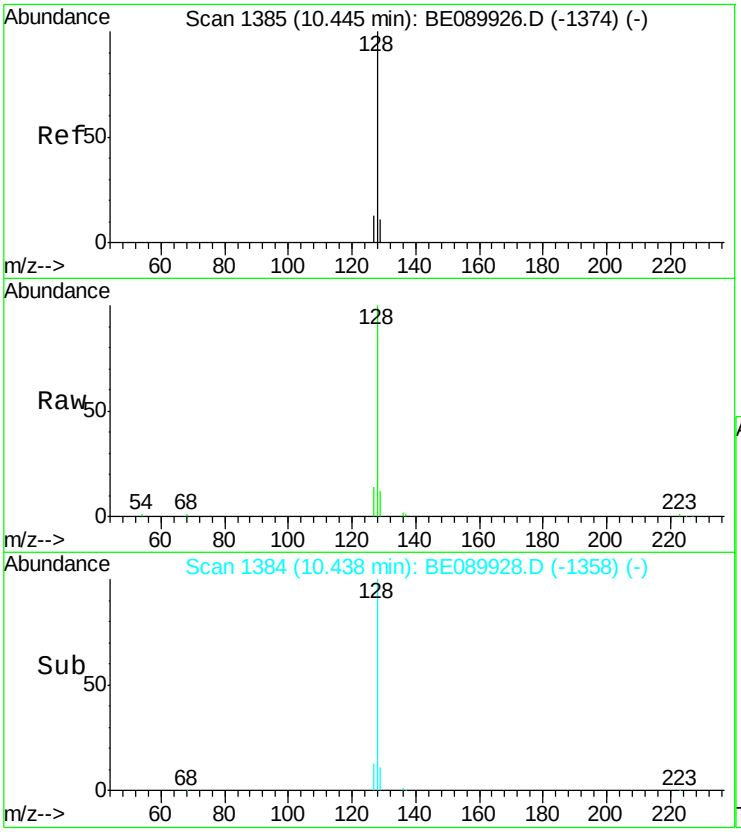


#8
Nitrobenzene
Concen: 0.45 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion: 77 Resp: 5523

Ion	Ratio	Lower	Upper
77	100		
123	32.0	26.6	39.8
65	12.9	10.2	15.4



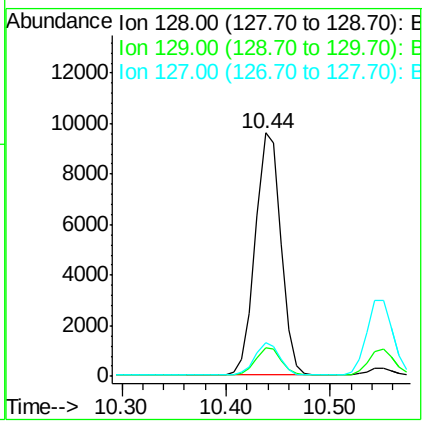


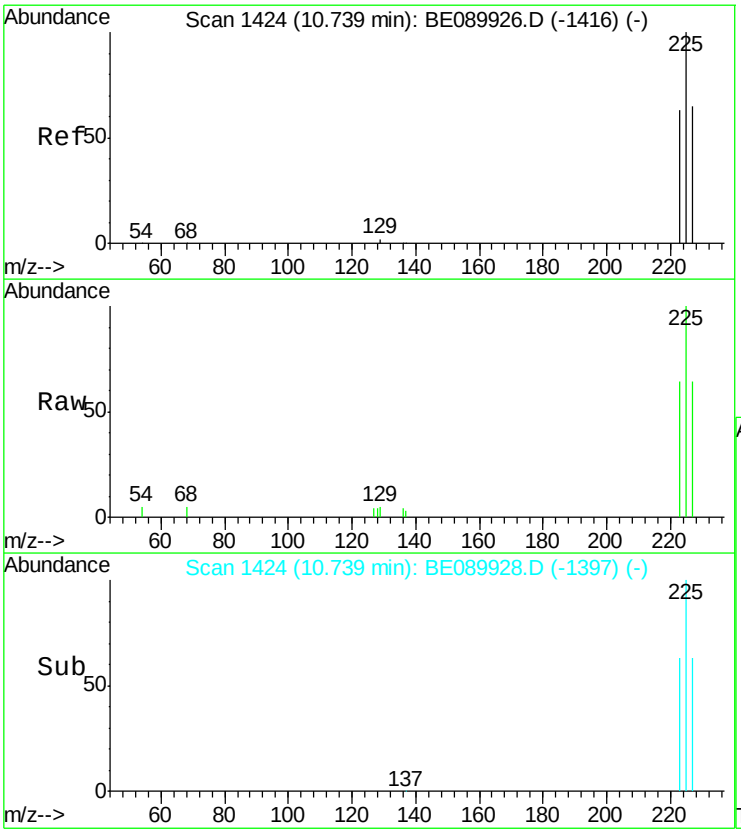
#9
Naphthalene
Concen: 0.45 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 16154

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.7	10.2	15.4

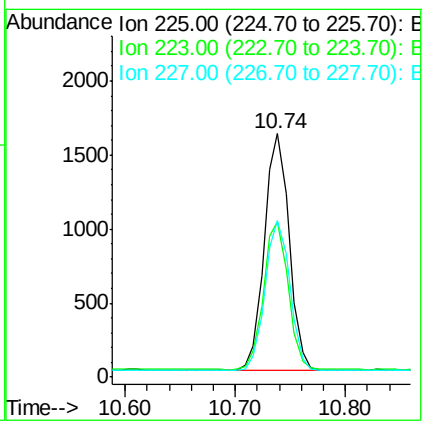


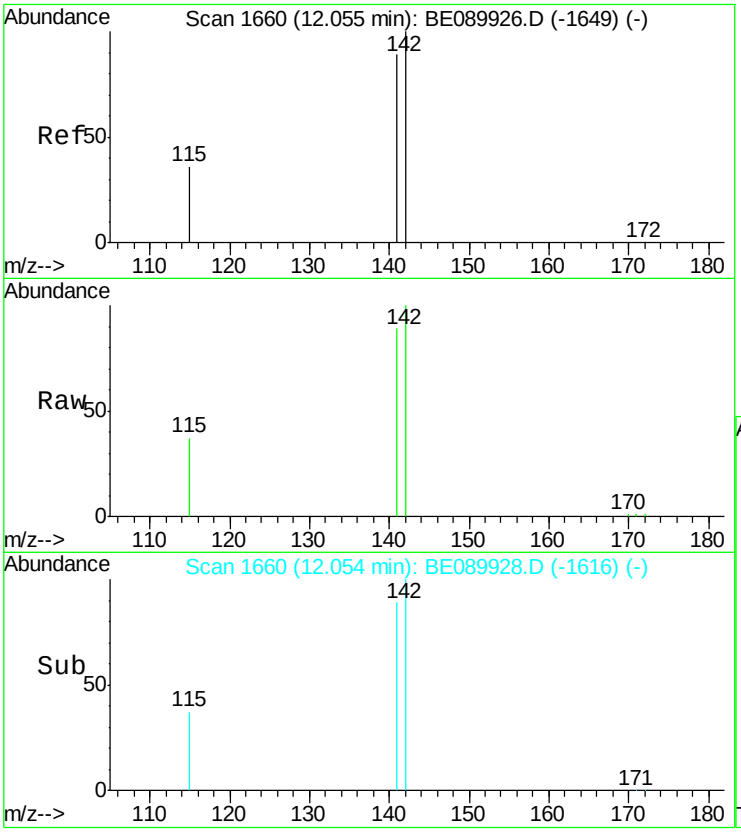


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:225 Resp: 2532

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	63.3	50.7	76.1



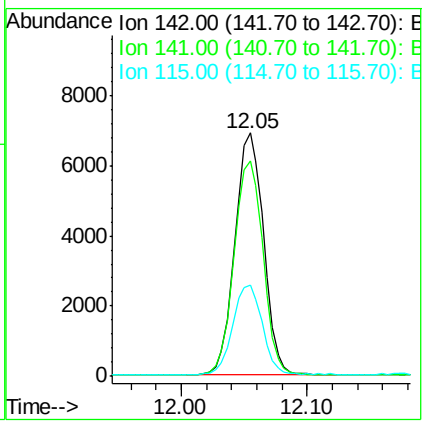


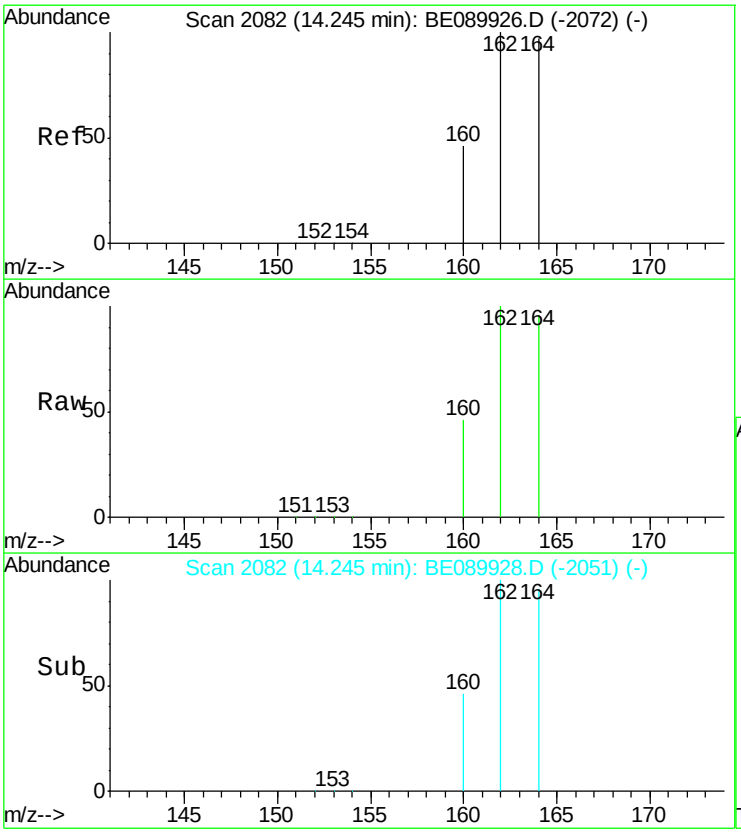
#11
2-Methylnaphthalene
Concen: 0.47 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 10829

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	37.3	29.1	43.7

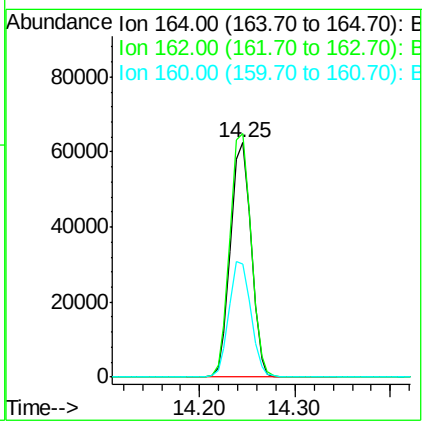


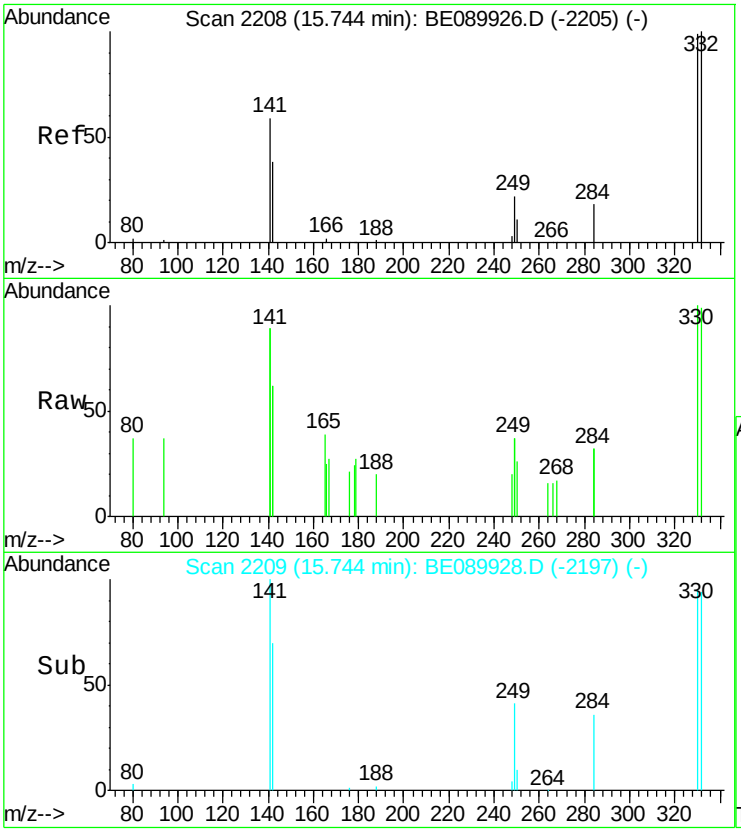


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:164 Resp: 92852

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.7	124.1
160	48.3	38.3	57.5



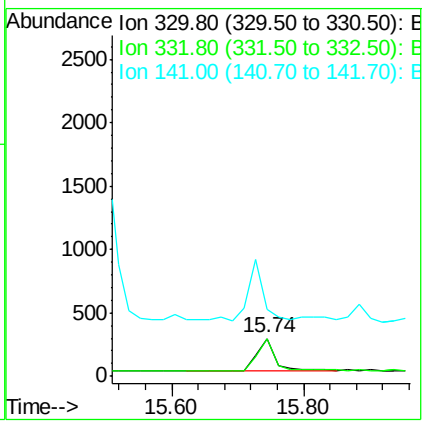


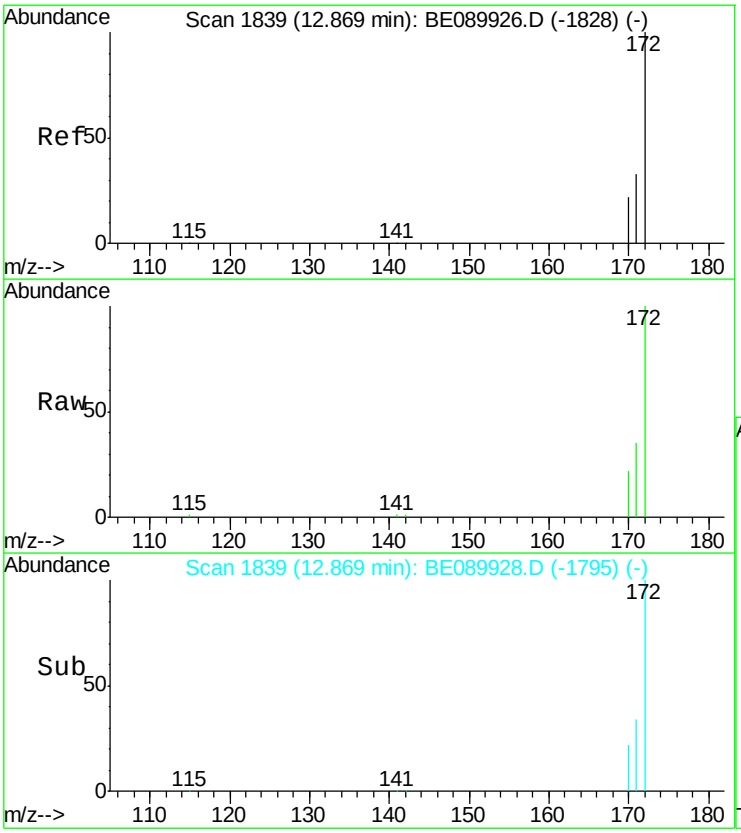
#13
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 460

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.9	116.9
141	158.9	142.8	214.2

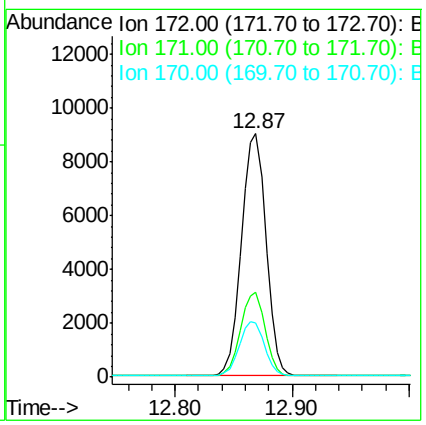


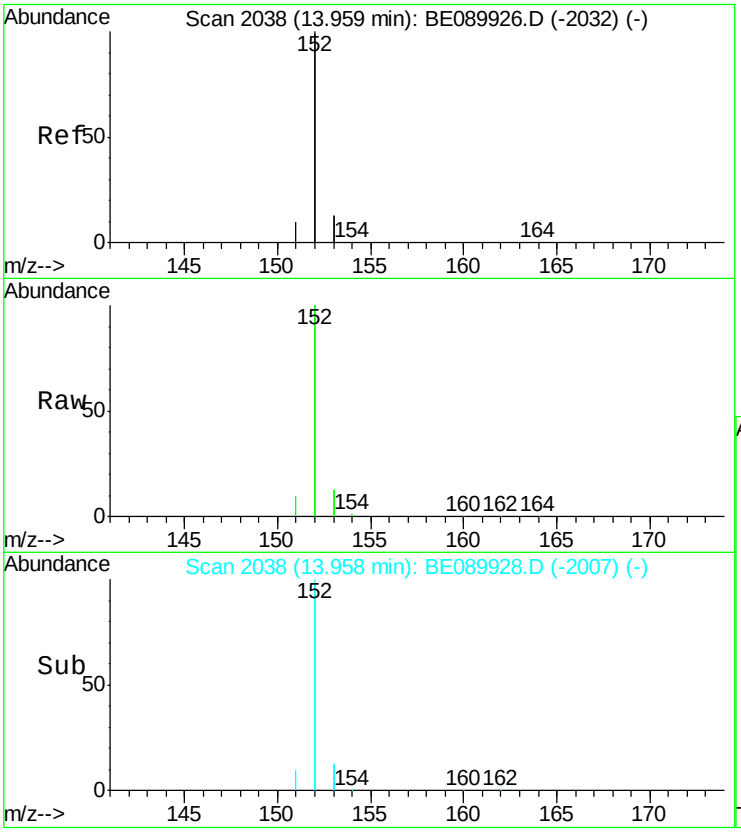


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.87 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:172 Resp: 13127

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.7	40.1
170	22.3	17.5	26.3



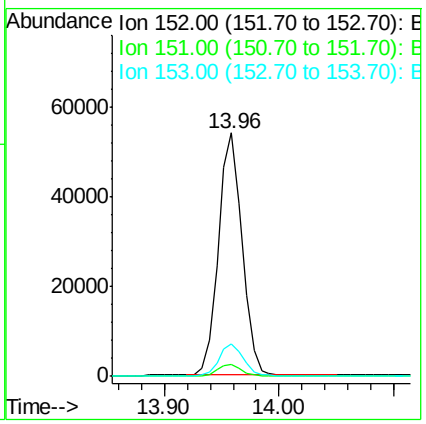


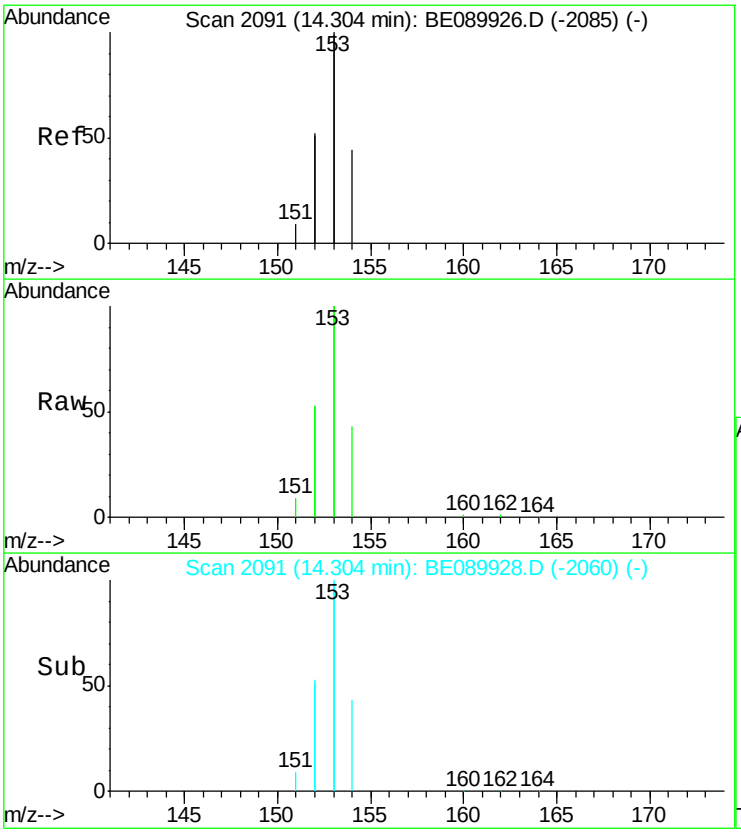
#15
Acenaphthylene
Concen: 1.34 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 77345

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

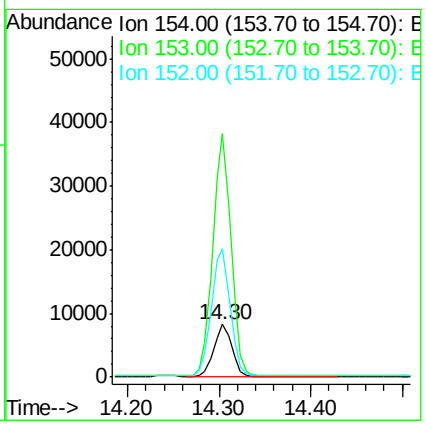


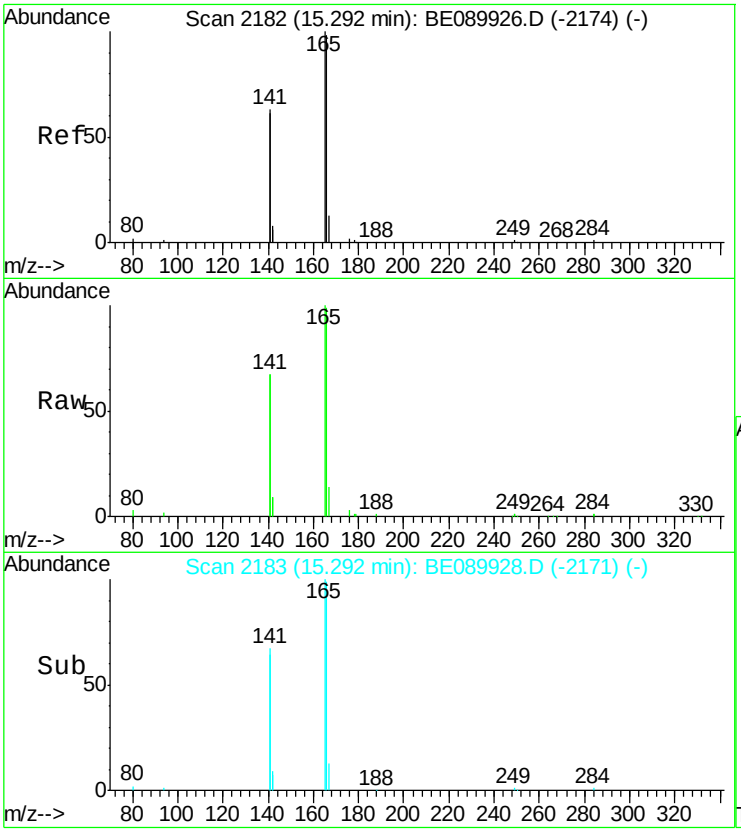


#16
Acenaphthene
Concen: 0.42 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:154 Resp: 11444

Ion	Ratio	Lower	Upper
154	100		
153	454.9	362.8	544.2
152	247.9	194.6	291.8



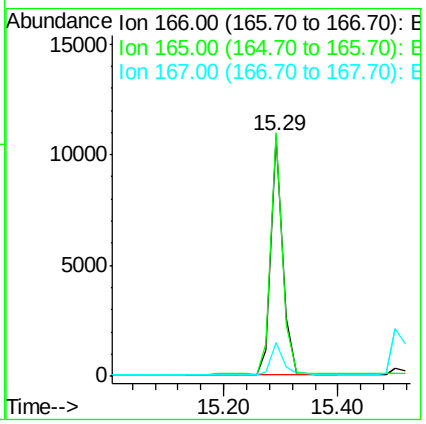


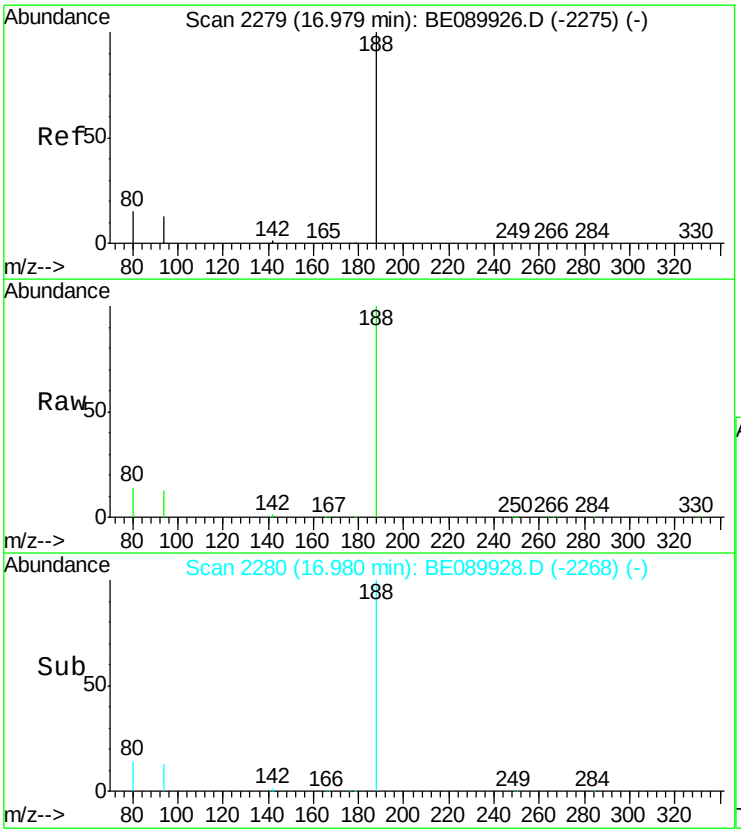
#17
Fluorene
Concen: 0.63 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 15349

Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.1	121.7
167	15.0	11.8	17.8

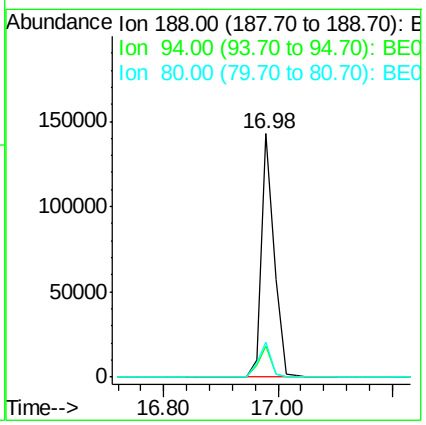


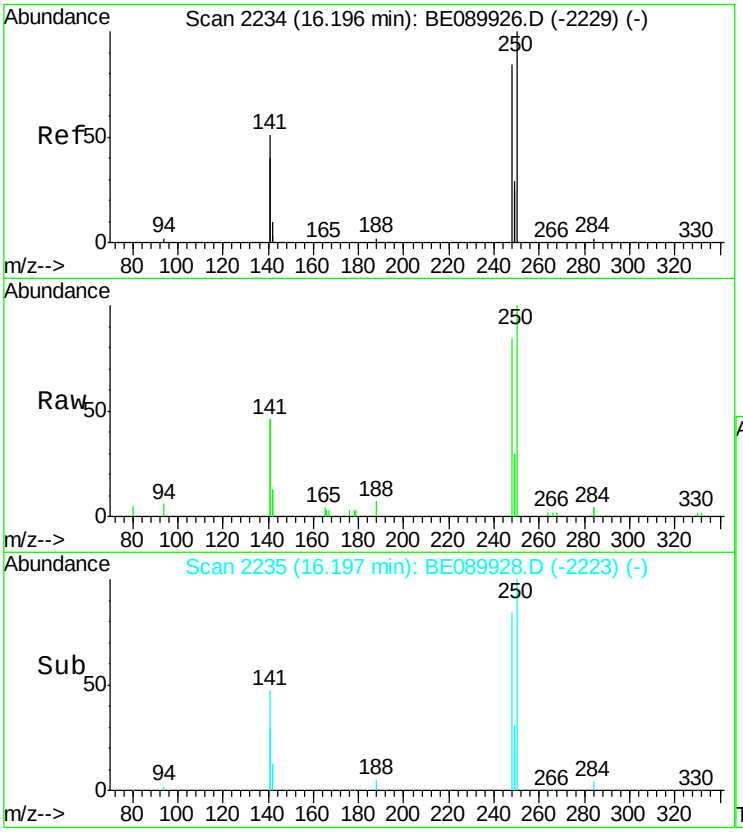


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:188 Resp: 222980

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.6	16.0
80	14.2	11.8	17.6



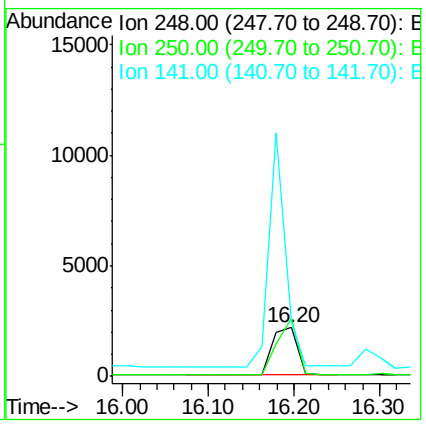


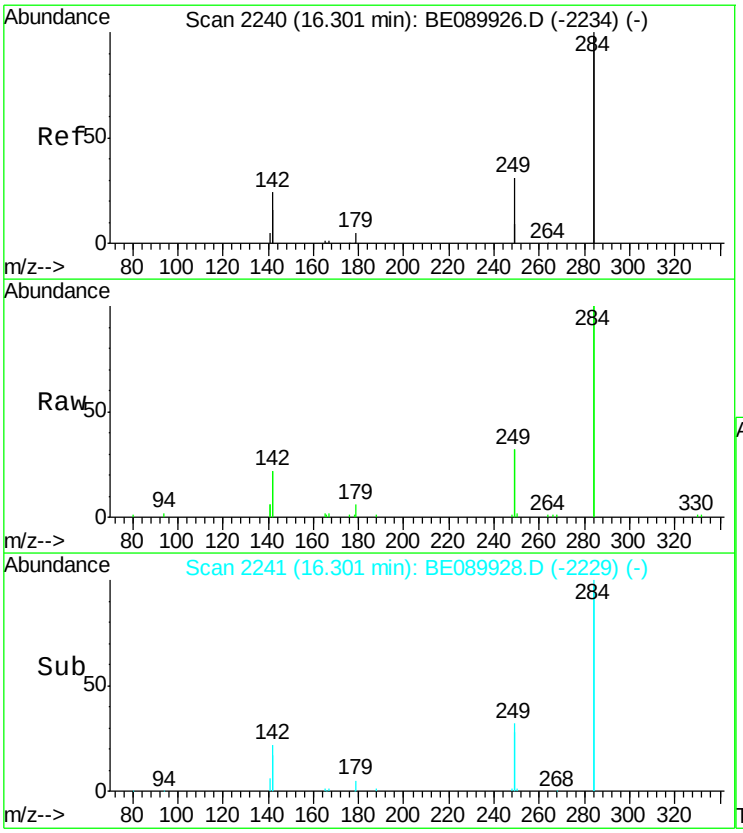
#19
4-Bromophenyl-phenylether
Concen: 0.49 ng
RT: 16.20 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:248 Resp: 4414

Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.3	118.9
141	328.3	274.1	411.1

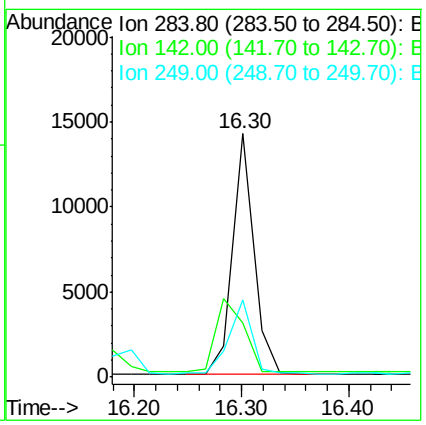


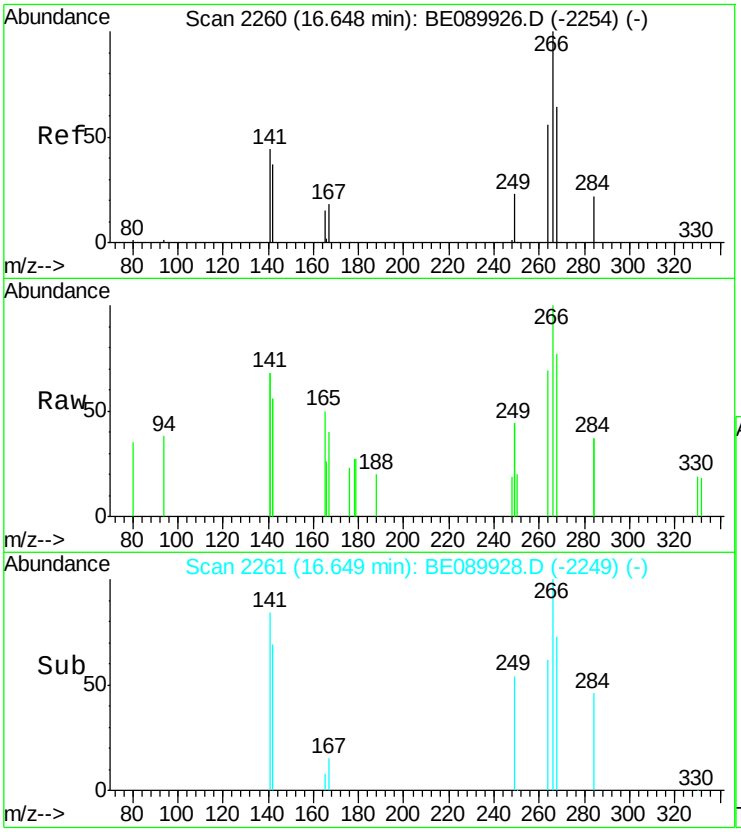


#20
Hexachlorobenzene
Concen: 1.81 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:284 Resp: 19203

Ion	Ratio	Lower	Upper
284	100		
142	40.3	32.0	48.0
249	32.7	25.0	37.6



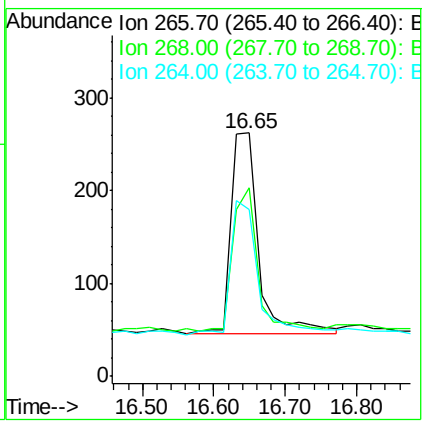


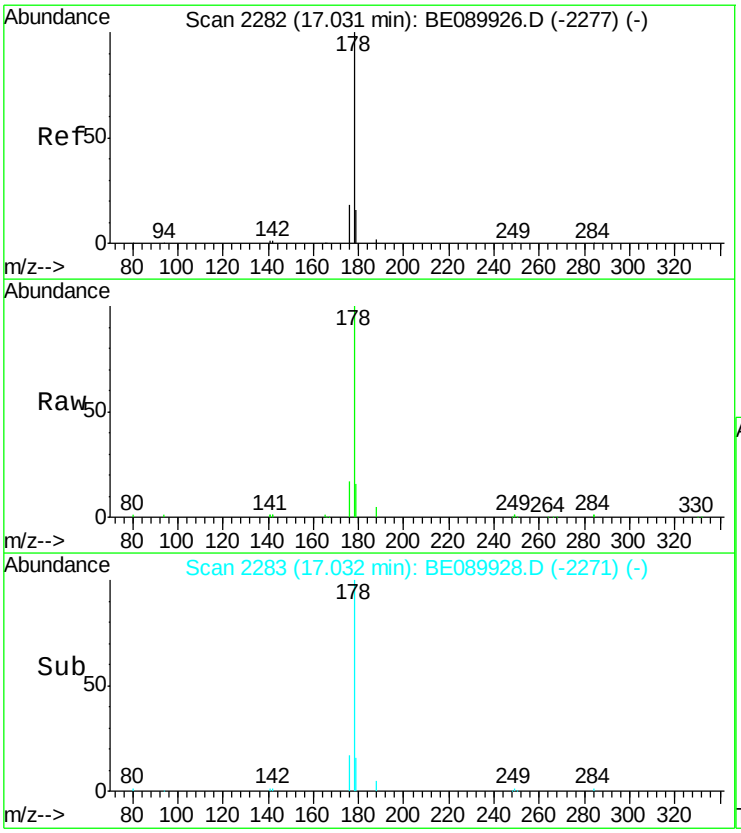
#21
Pentachlorophenol
Concen: 0.22 ng
RT: 16.65 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 569

Ion	Ratio	Lower	Upper
266	100		
268	77.5	54.4	81.6
264	68.7	48.2	72.2

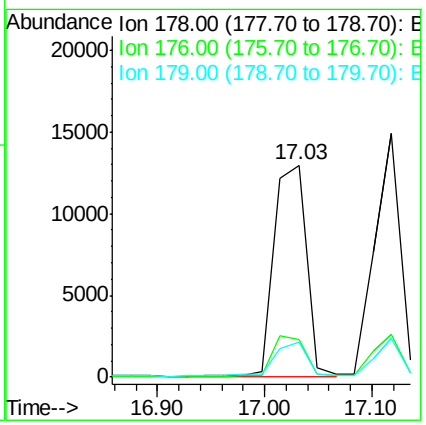


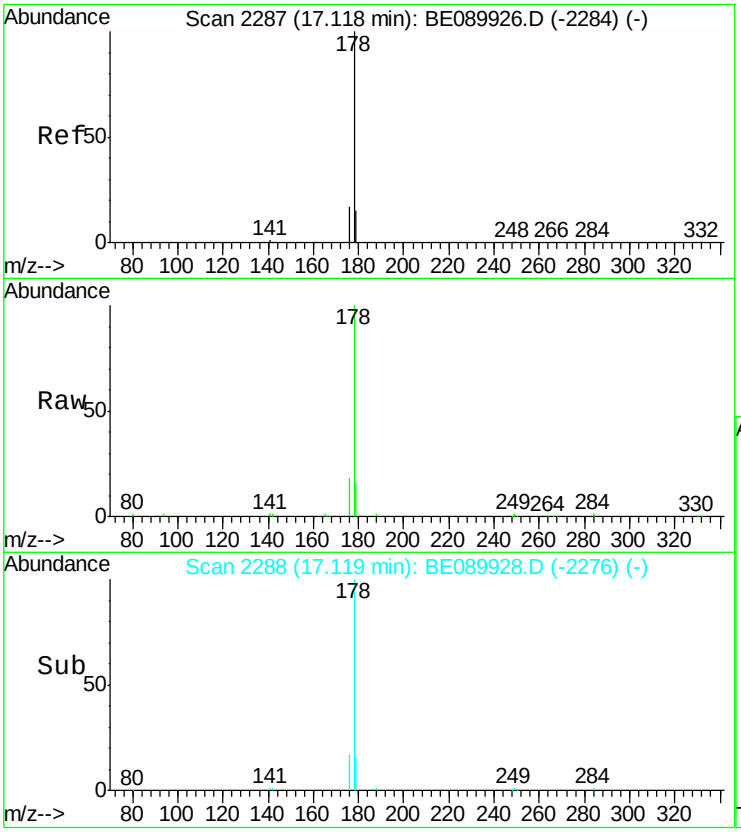


#22
Phenanthrene
Concen: 0.37 ng
RT: 17.03 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:178 Resp: 27160

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0



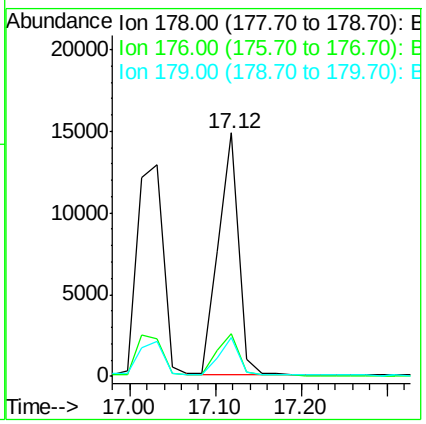


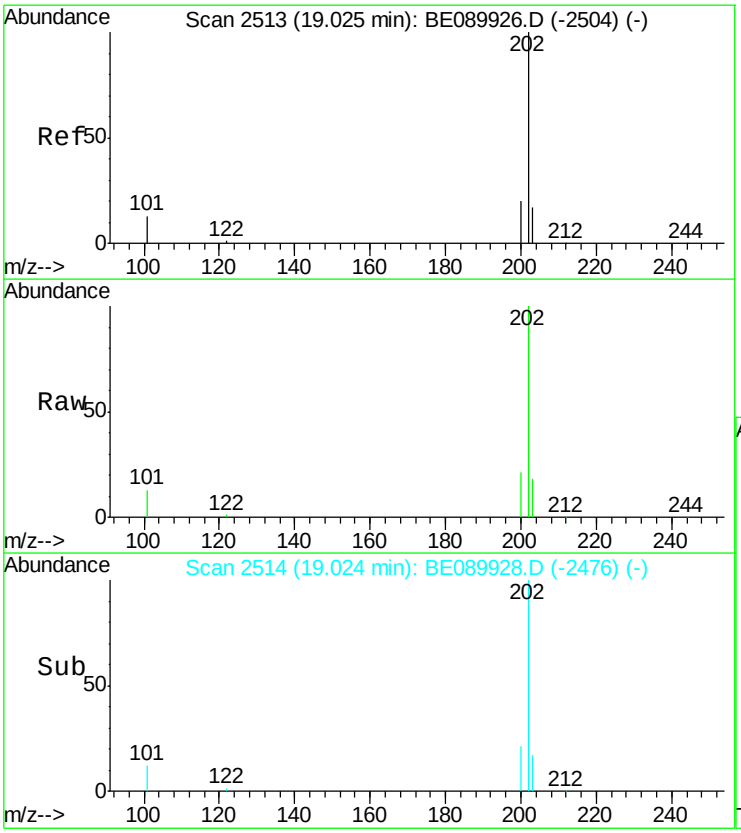
#23
Anthracene
Concen: 0.73 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 24790

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.2	12.3	18.5

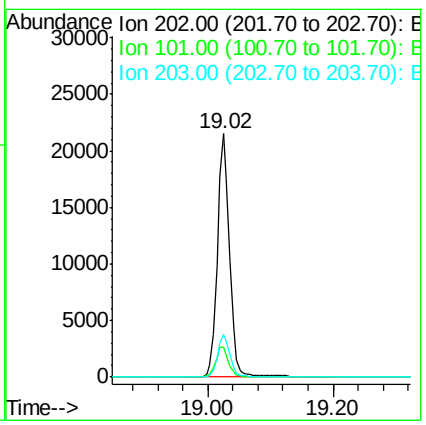


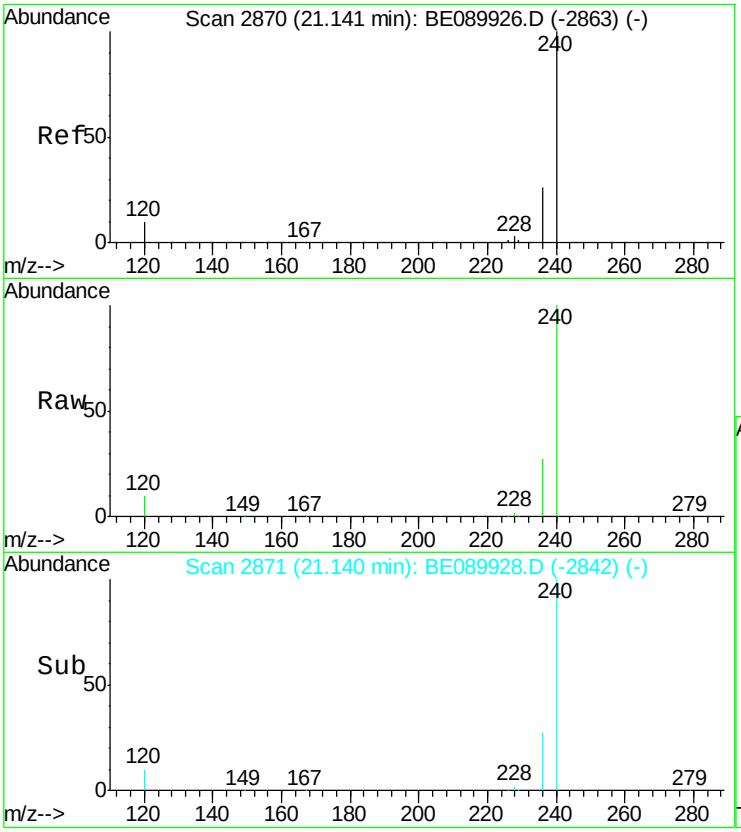


#24
Fluoranthene
Concen: 0.58 ng
RT: 19.02 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:202 Resp: 28561

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
203	17.1	13.8	20.8



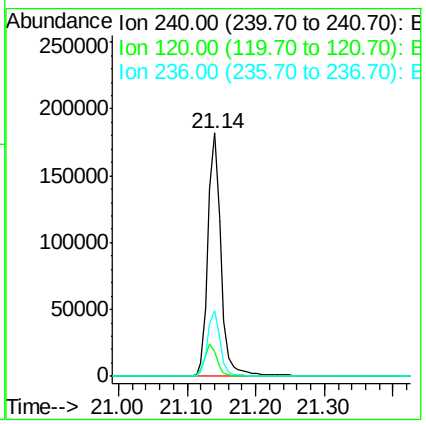


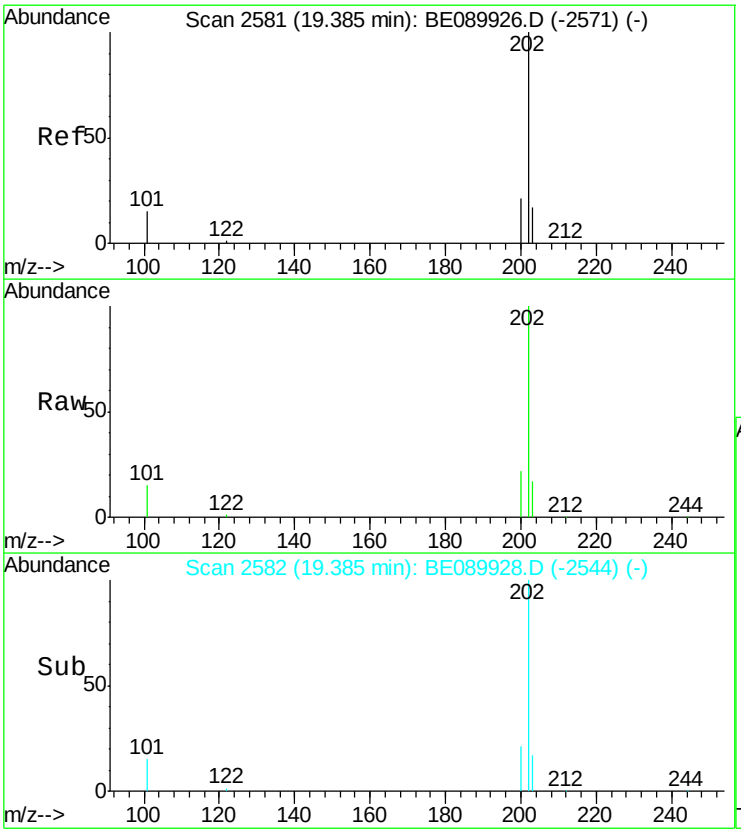
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 240749

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.9	11.9
236	26.8	21.2	31.8

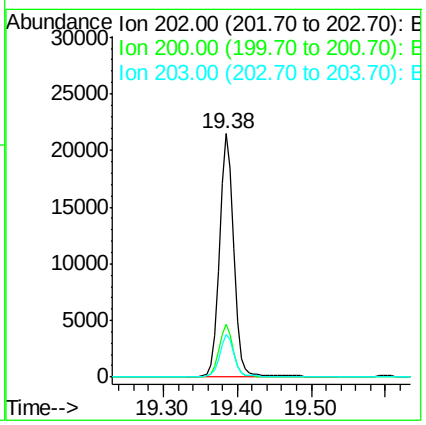


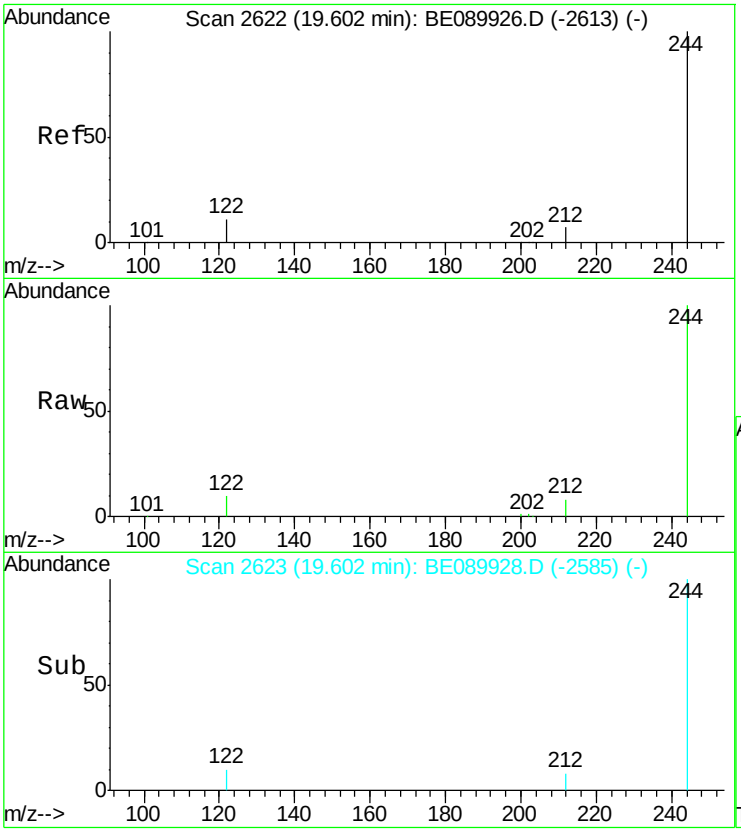


#26
Pyrene
Concen: 0.36 ng
RT: 19.38 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:202 Resp: 28875

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.3	13.9	20.9



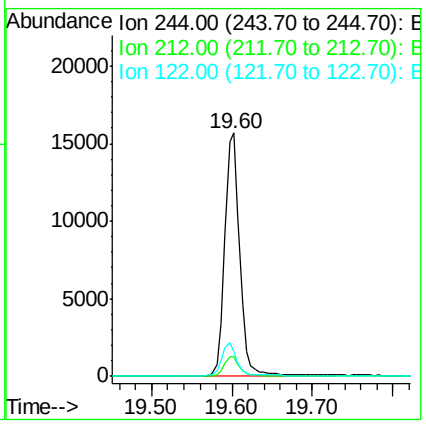


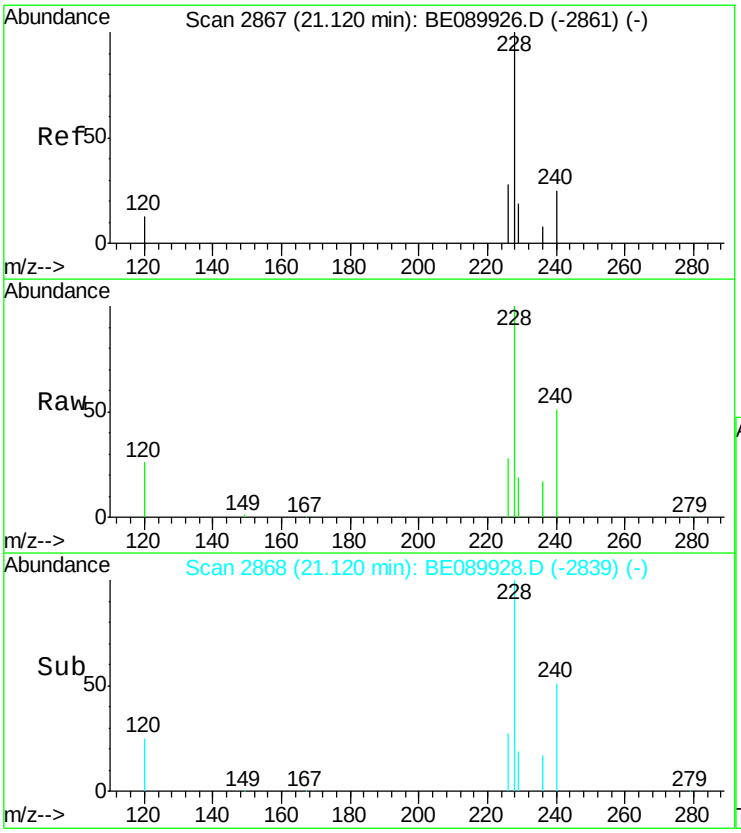
#27
Terphenyl-d14
Concen: 0.56 ng
RT: 19.60 min Scan# 2623
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 20063

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	10.3	8.7	13.1

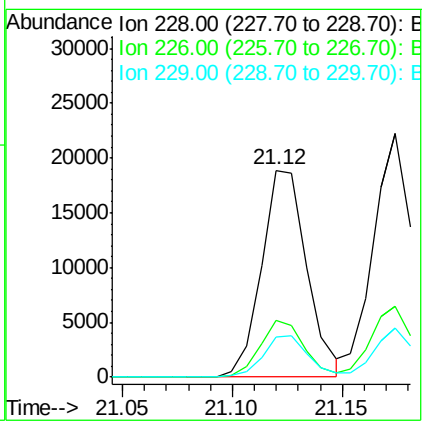


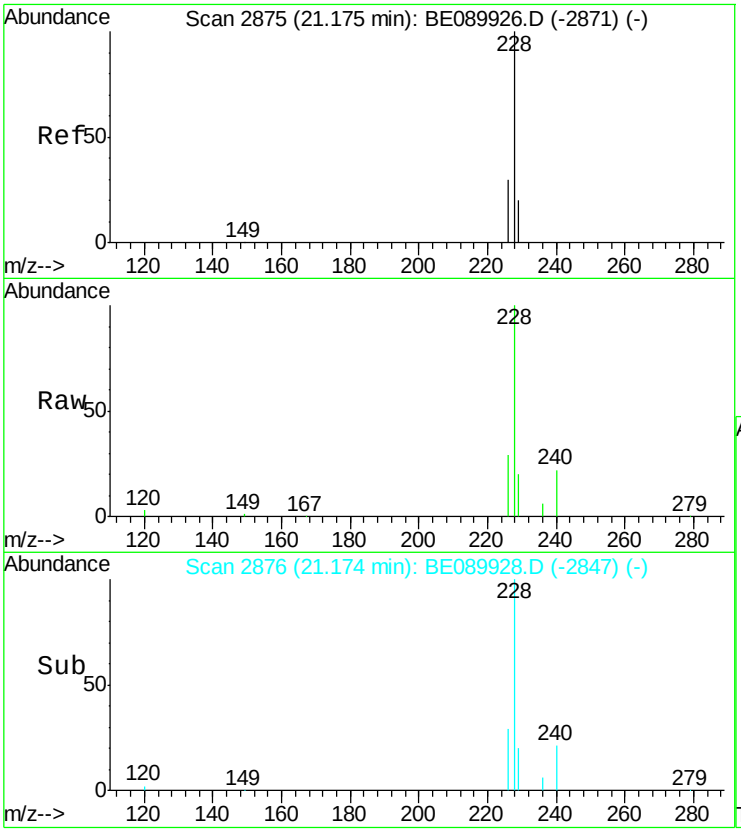


#28
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:228 Resp: 26816

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	19.3	15.3	22.9



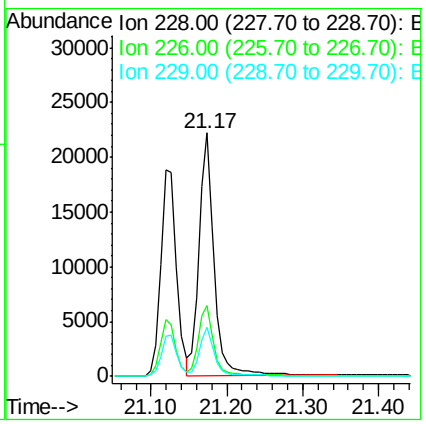


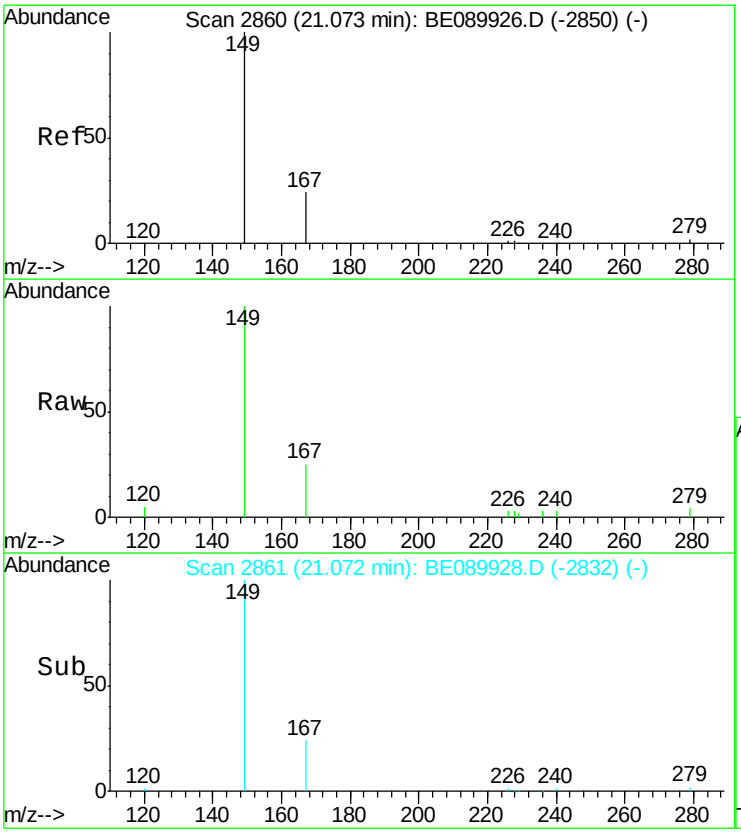
#29
Chrysene
Concen: 0.41 ng
RT: 21.17 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 30463

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	20.3	15.8	23.8

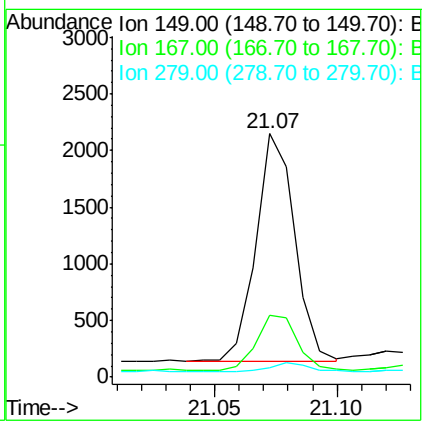


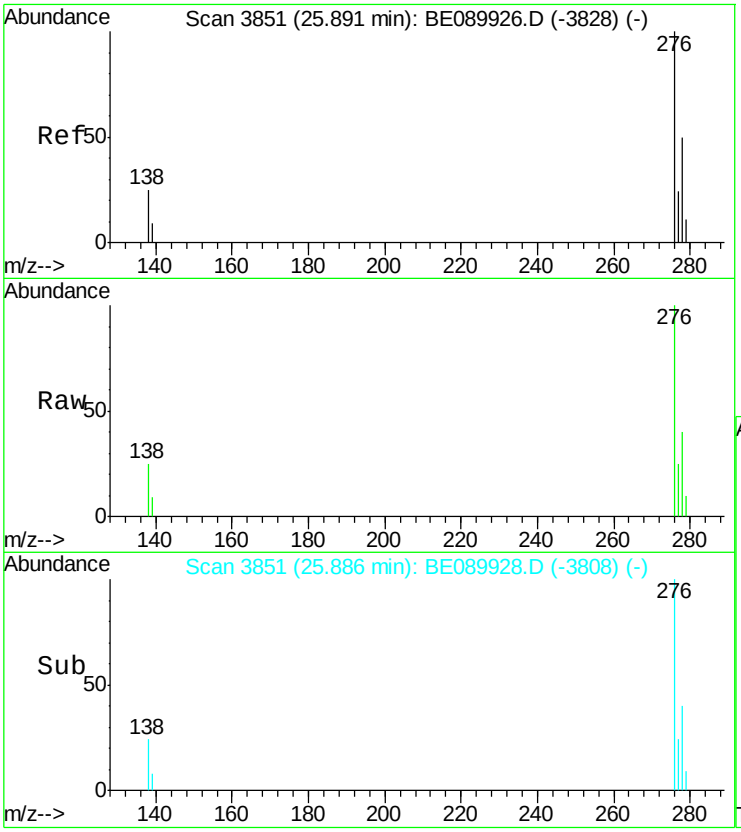


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:149 Resp: 2206

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	3.6	2.7	4.1



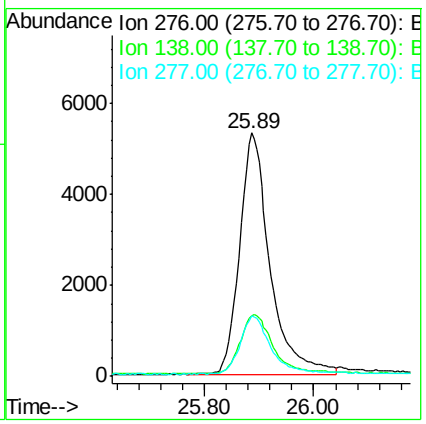


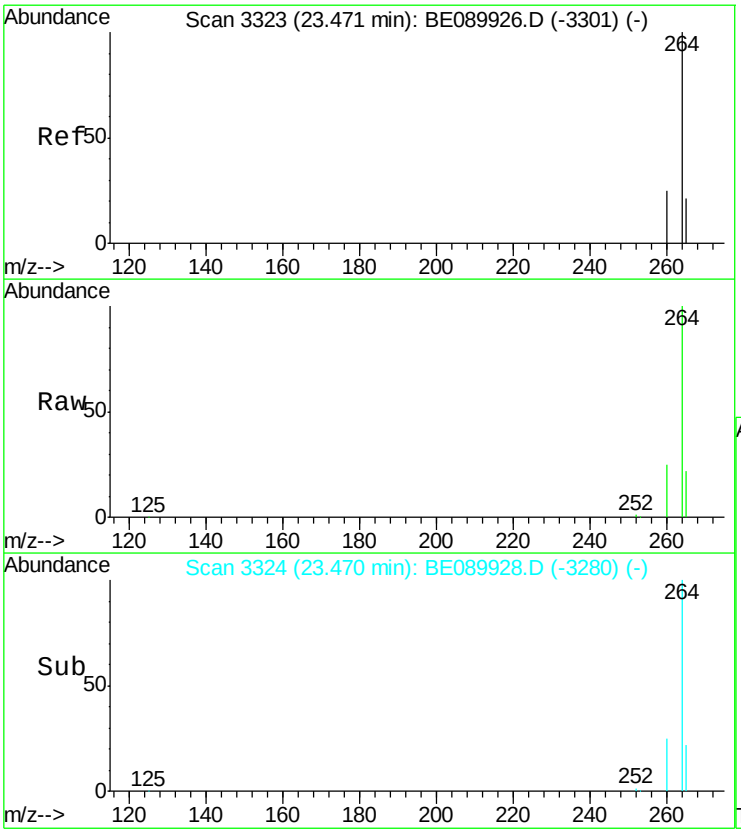
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng
RT: 25.89 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 20398

Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	24.9	0.0	0.0#

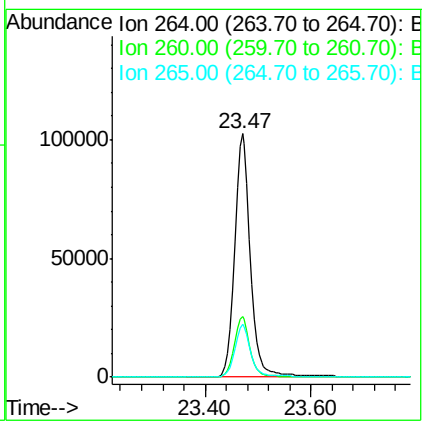


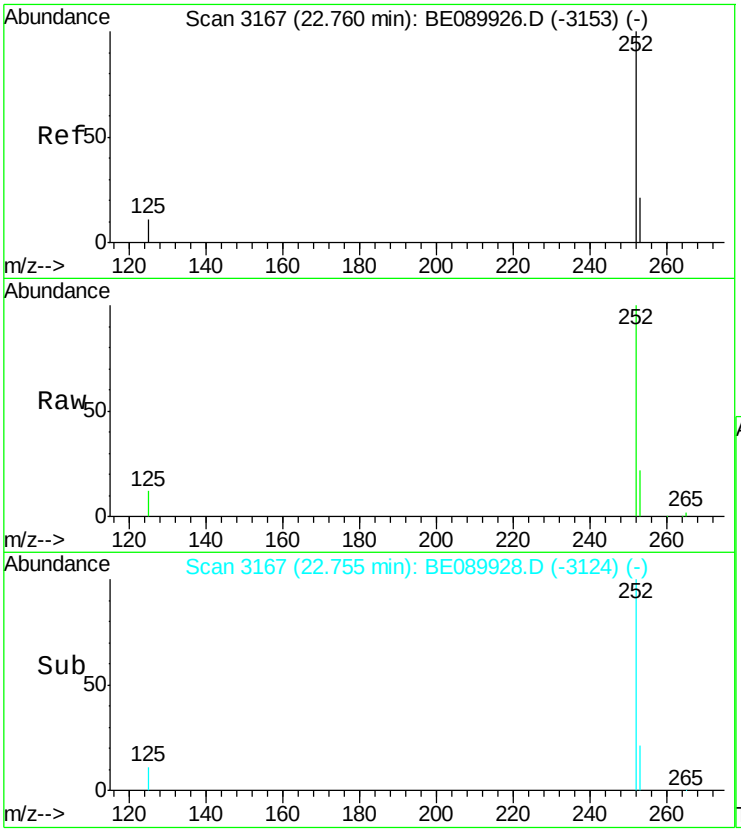


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:264 Resp: 212599

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.8	17.3	25.9



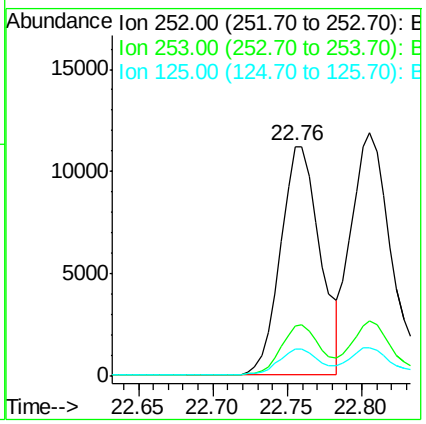


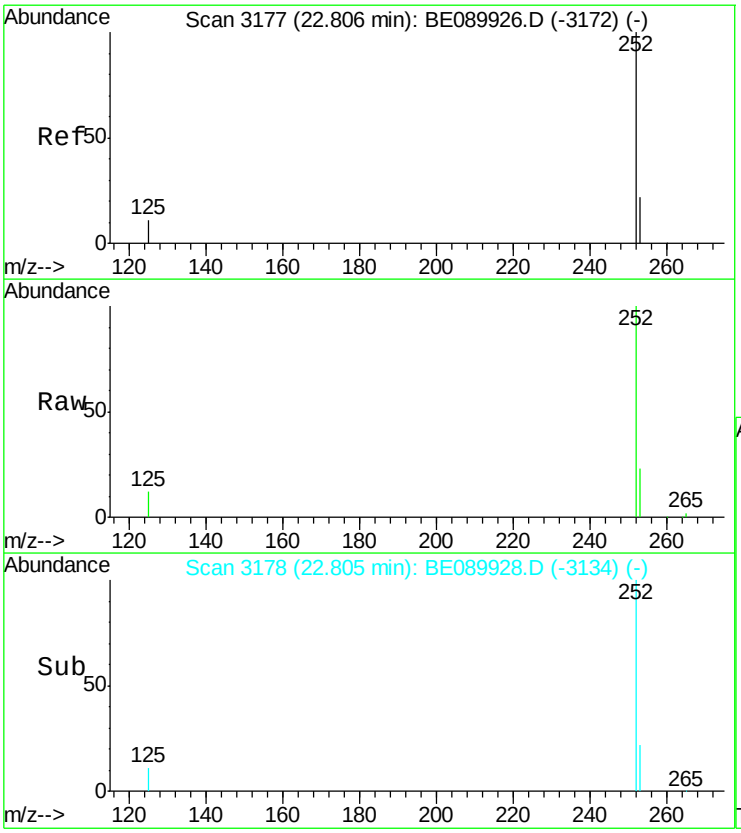
#33
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 20653

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	12.1	9.3	13.9

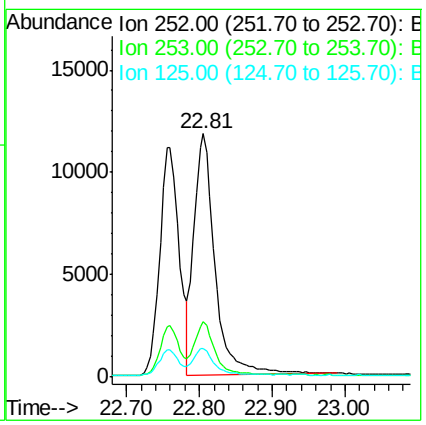


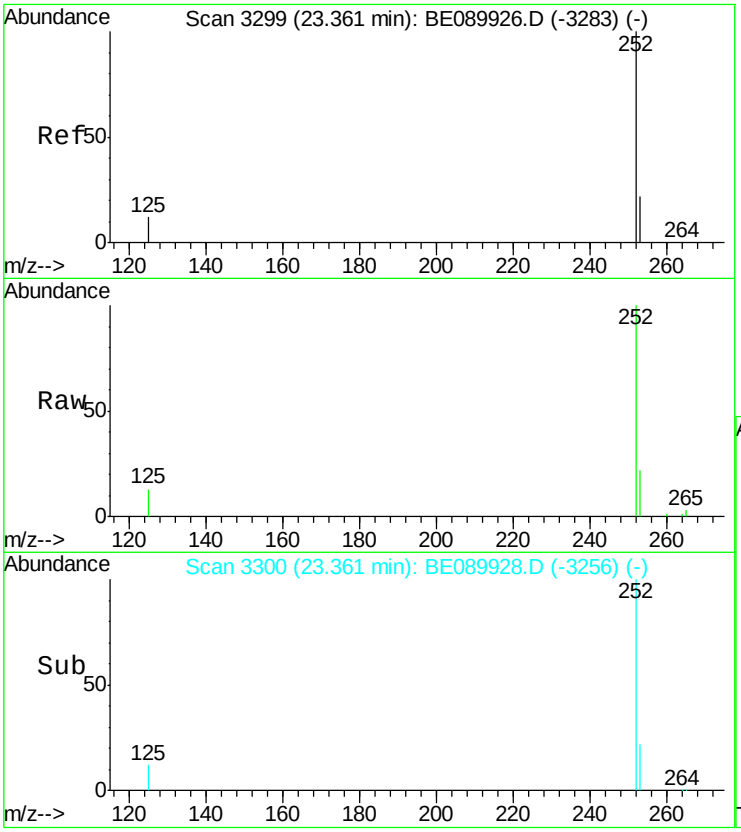


#34
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.81 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:252 Resp: 23472

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.0	9.2	13.8



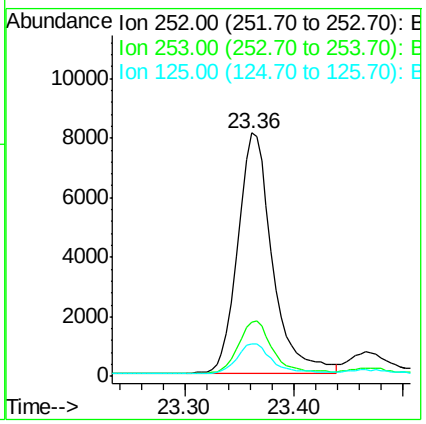


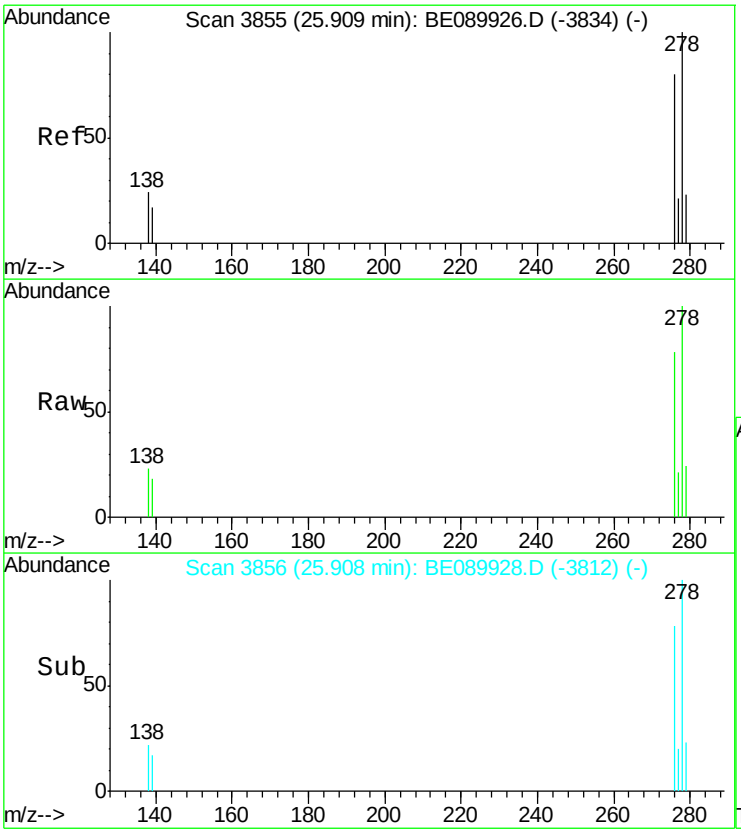
#35
Benzo(a)pyrene
Concen: 0.32 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 17777

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.1	10.3	15.5

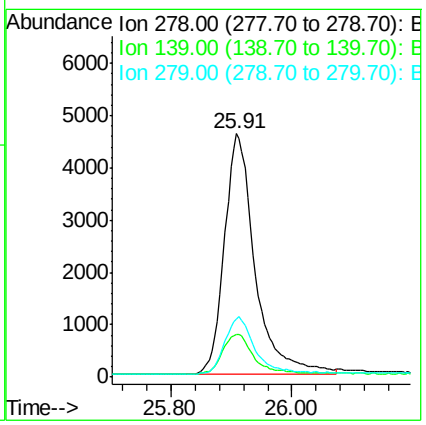


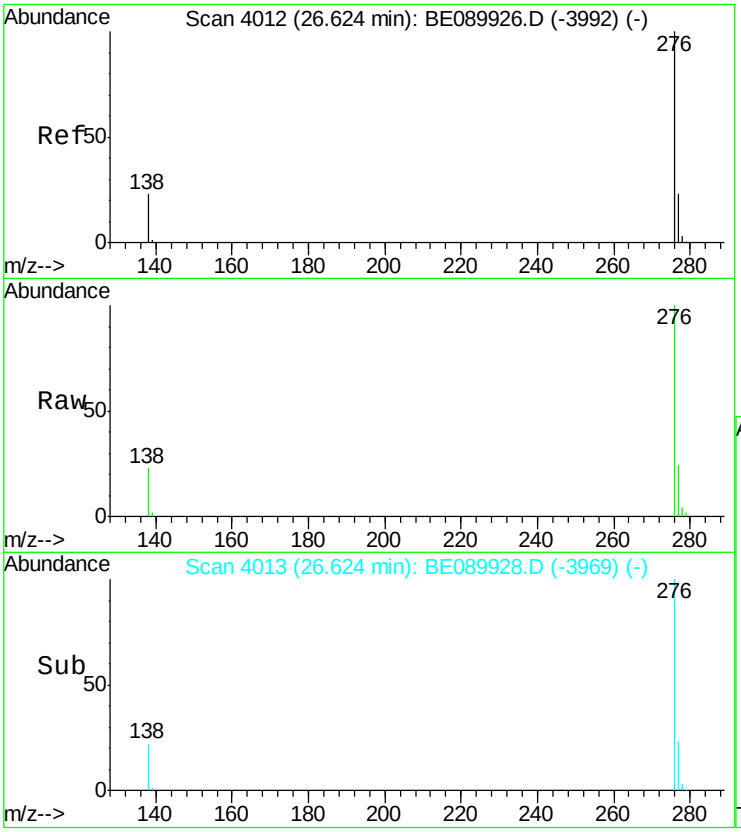


#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.91 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Tgt Ion:278 Resp: 16193

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	23.7	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.30 ng
RT: 26.62 min Scan# 4013
Delta R.T. -0.00 min
Lab File: BE089928.D
Acq: 23 Jun 2015 23:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 17835

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.1	18.8	28.2