Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089925.D
Acq On : 23 Jun 2015 22:00
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC002

Quant Time: Jun 24 09:16:38 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	35749	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	171550	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	110853	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	261622	5.00	ng		0.00
25) Chrysene-d12	21.14	240	275499	5.00	ng		0.00
32) Perylene-d12	23.47	264	242462	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	11963	1.48	ng		0.00
5) Phenol-d6	6.81	99	18741	1.77	ng		0.00
7) Nitrobenzene-d5	8.77	82	23112	1.75	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	2643	0.84	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	56953	1.49	ng		0.00
27) Terphenyl-d14	19.60	244	88657	2.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	7980	1.97	ng		98
3) n-Nitrosodimethylamine	3.55	42	11647	1.87	ng	#	98
8) Nitrobenzene	8.81	77	24834	1.76	ng		99
9) Naphthalene	10.44	128	67128	1.63	ng		99
10) Hexachlorobutadiene	10.74	225	10530	1.53	ng		99
11) 2-Methylnaphthalene	12.05	142	47993	1.82	ng		98
15) Acenaphthylene	13.96	152	348598	5.06	ng		100
16) Acenaphthene	14.30	154	50696	1.57	ng		99
17) Fluorene	15.29	166	67083	2.32	ng		98
19) 4-Bromophenyl-phenylether	16.20	248	18699	1.75	ng		98
20) Hexachlorobenzene	16.30	284	80673	6.50	ng		99
21) Pentachlorophenol	16.65	266	3260	1.07	ng		96
22) Phenanthrene	17.03	178	113558	1.31	ng		100
23) Anthracene	17.12	178	107872	2.70	ng		99
24) Fluoranthene	19.03	202	125643	2.17	ng		100
26) Pyrene	19.39	202	129813	1.40	ng		100
28) Benzo(a)anthracene	21.12	228	118715	1.48	ng		100
29) Chrysene	21.17	228	128285	1.52	ng		100
30) Bis(2-ethylhexyl)phthalate	21.07	149	10719	0.25	ng		99
31) Indeno(1,2,3-cd)pyrene	25.89	276	104238	1.30	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	97140	1.28	ng		100
34) Benzo(k)fluoranthene	22.81	252	108854	1.56	ng		100
35) Benzo(a)pyrene	23.36	252	87564	1.36	ng		99
36) Dibenzo(a,h)anthracene	25.91	278	84162	1.33	ng		100
37) Benzo(g,h,i)perylene	26.63	276	87139	1.31	ng		100

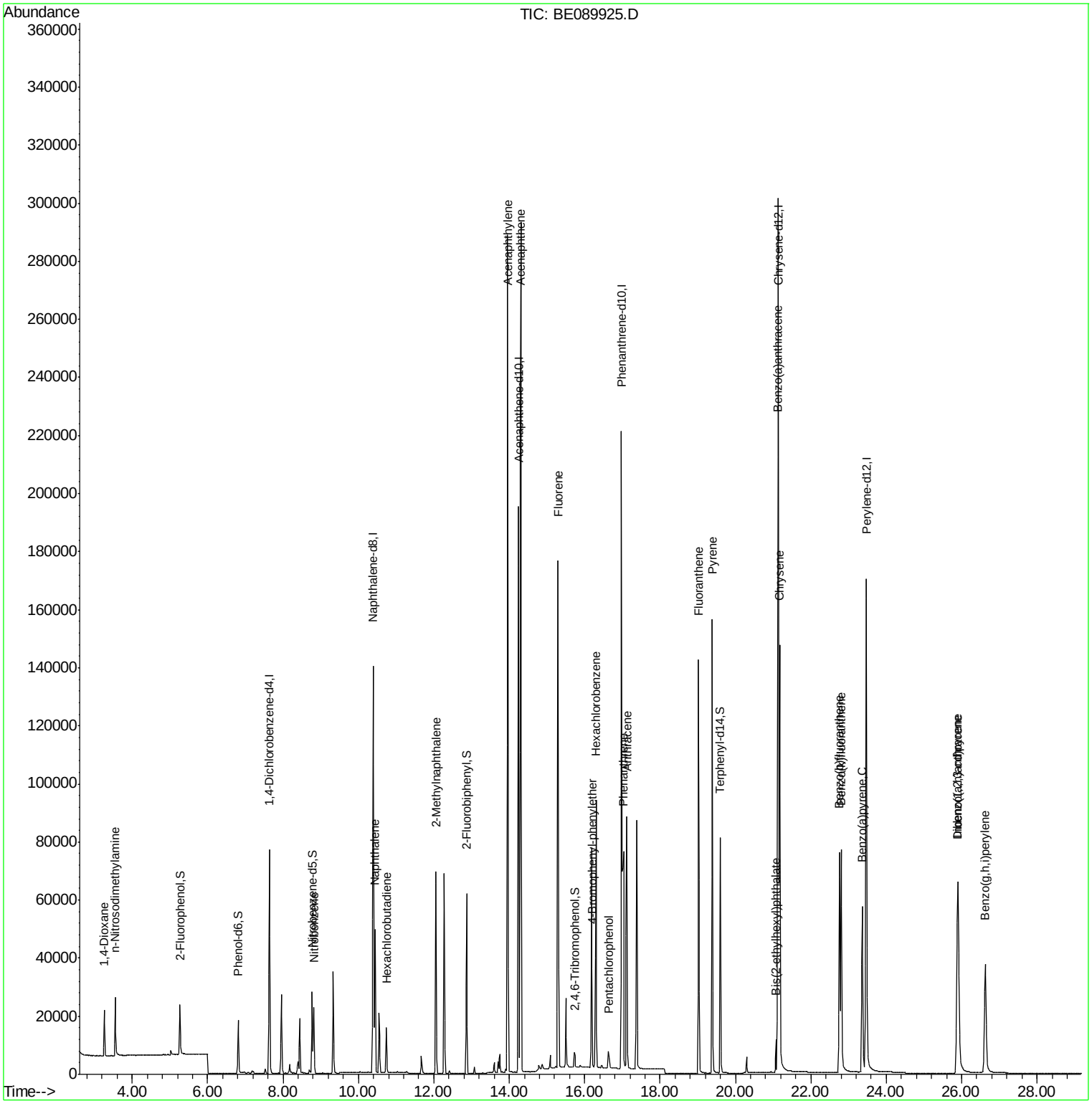
(#) = qualifier out of range (m) = manual integration (+) = signals summed

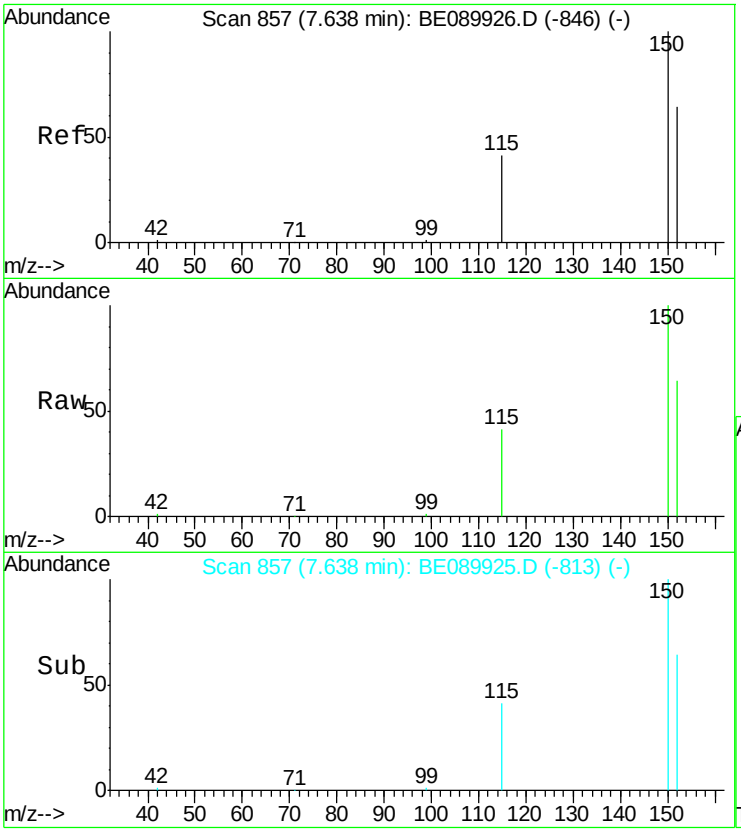
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089925.D
Acq On : 23 Jun 2015 22:00
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Quant Time: Jun 24 09:16:38 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



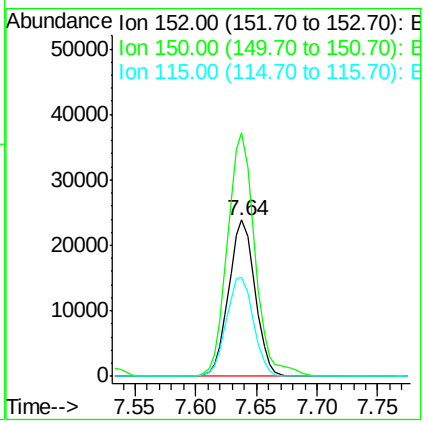


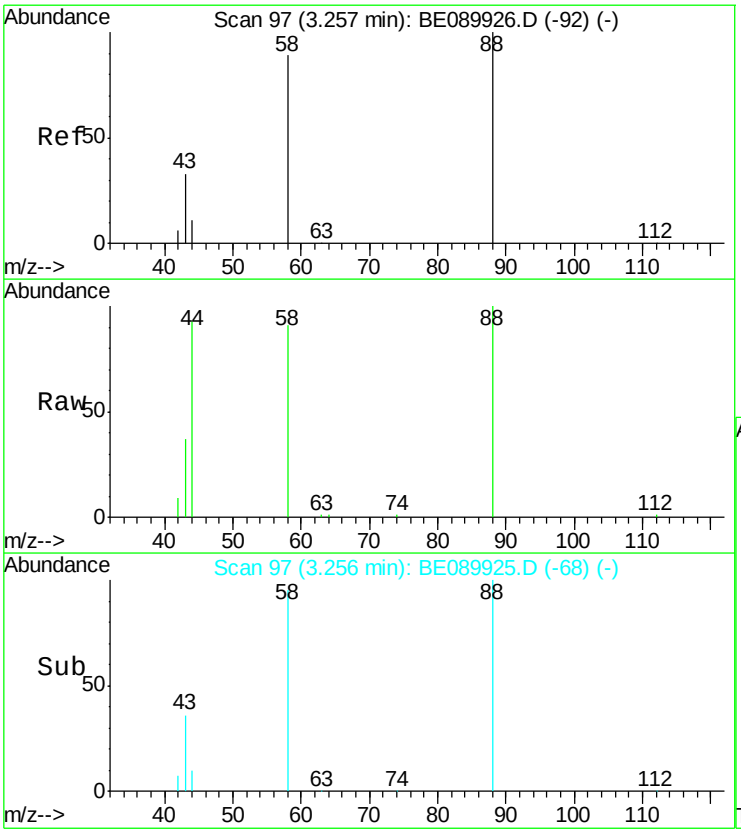
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 35749

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	63.7	51.6	77.4

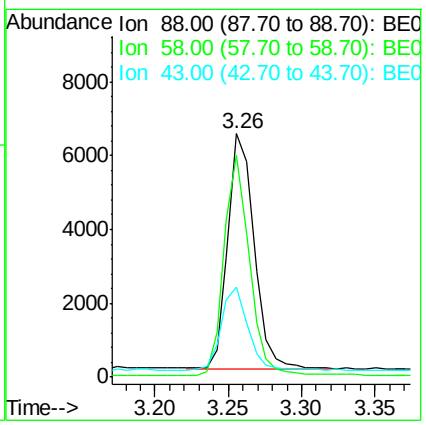


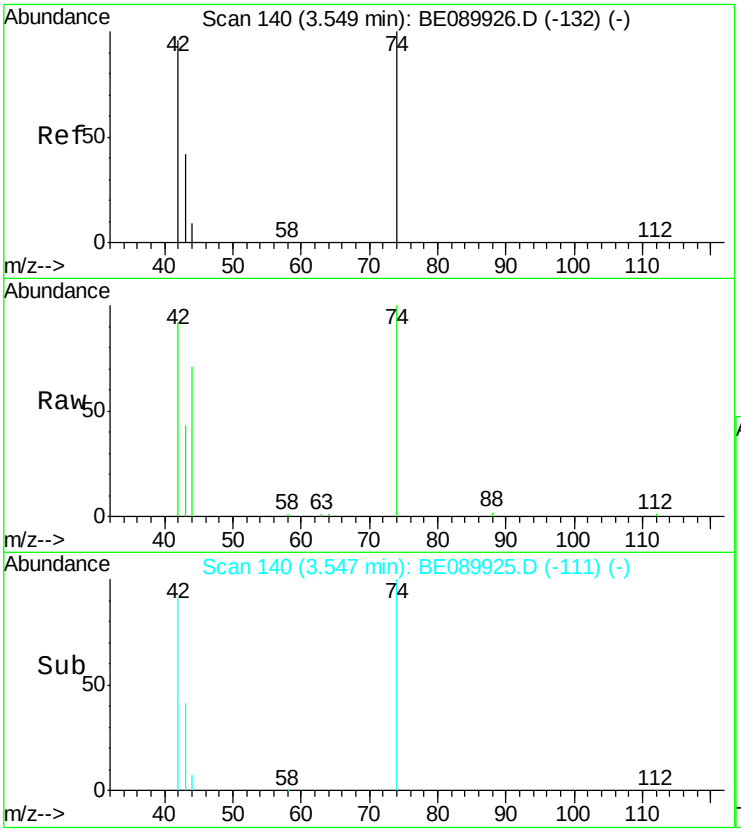


#2
1,4-Dioxane
Concen: 1.97 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion: 88 Resp: 7980

Ion	Ratio	Lower	Upper
88	100		
58	89.9	70.8	106.2
43	35.3	26.8	40.2



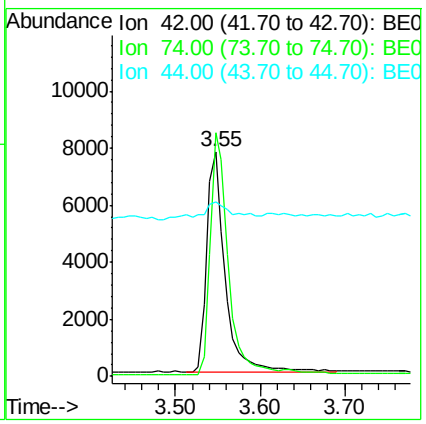


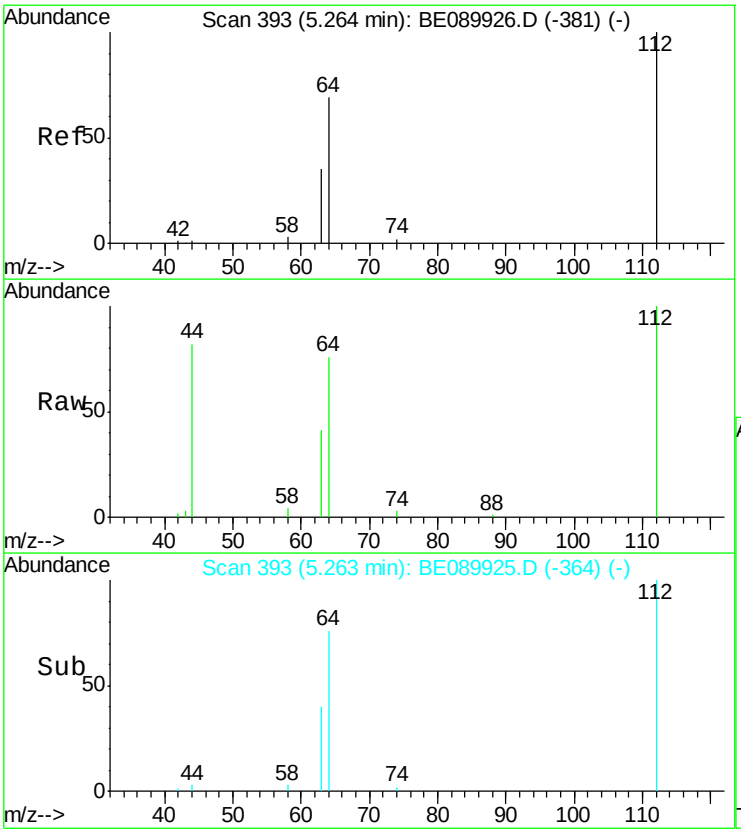
#3
n-Nitrosodimethylamine
Concen: 1.87 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 11647

Ion	Ratio	Lower	Upper
42	100		
74	105.4	85.4	128.2
44	7.4	8.4	12.6#

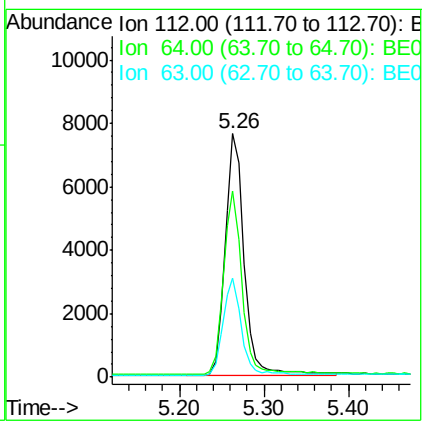


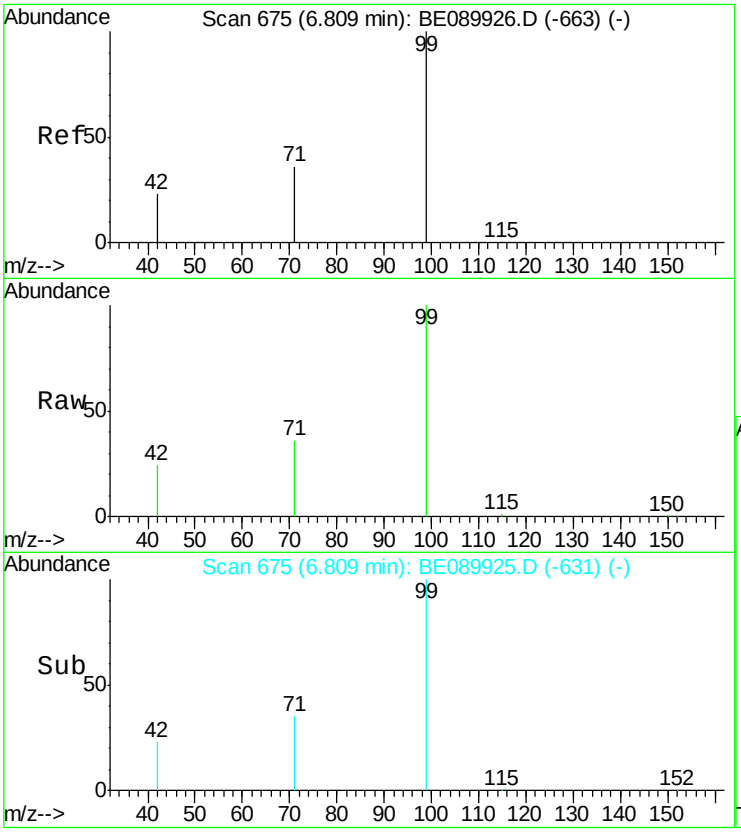


#4
2-Fluorophenol
Concen: 1.48 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:112 Resp: 11963

Ion	Ratio	Lower	Upper
112	100		
64	76.1	57.4	86.2
63	39.4	31.2	46.8



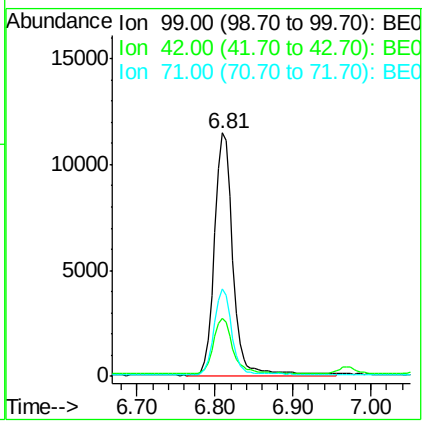


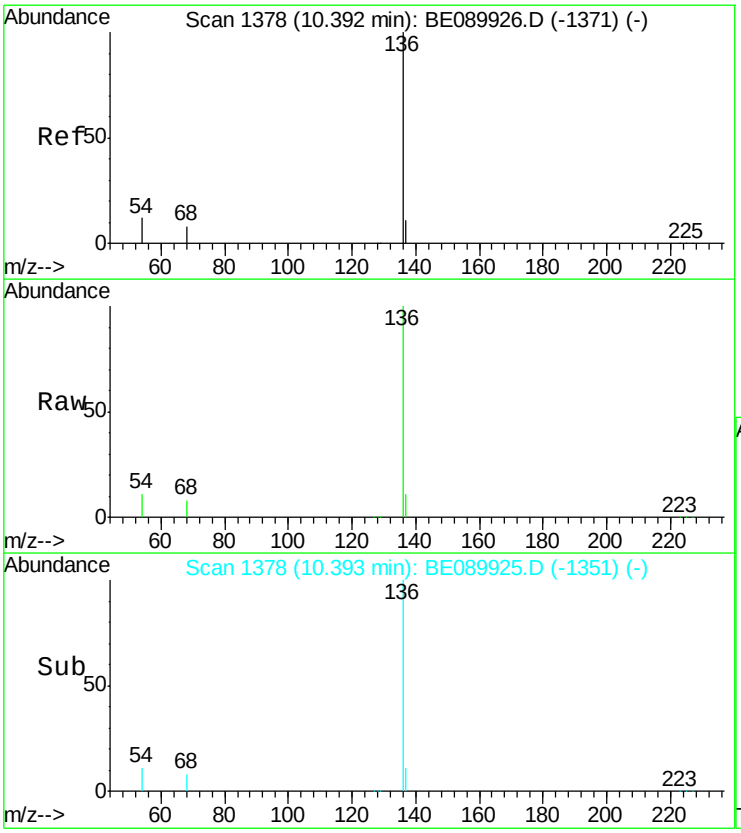
#5
Phenol-d6
Concen: 1.77 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 18741

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.5	29.3
71	34.7	27.8	41.6

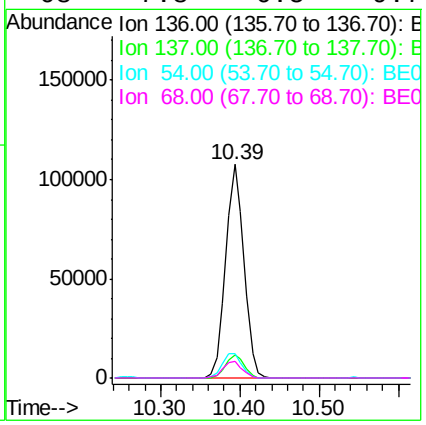


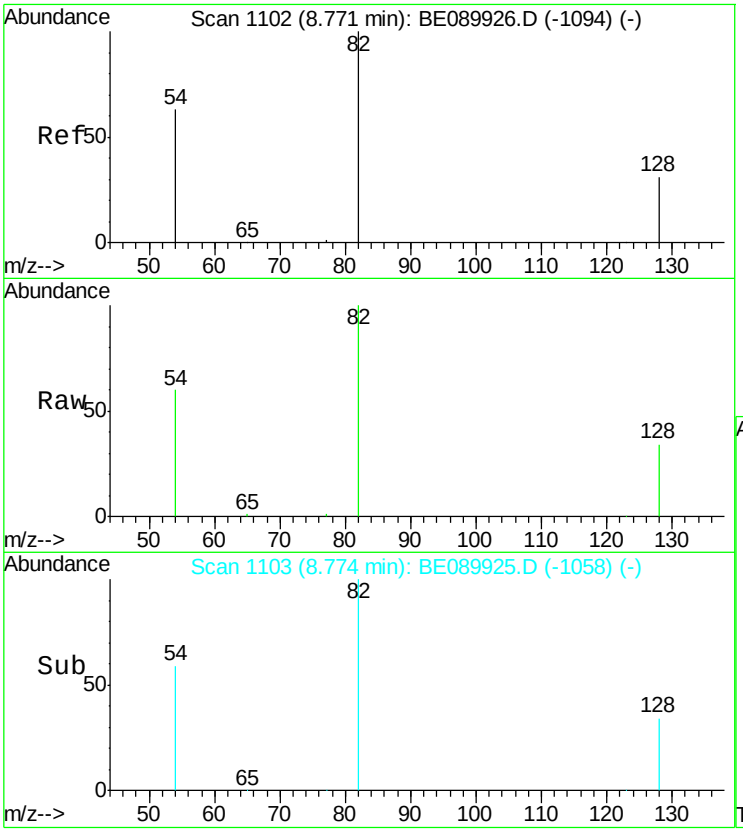


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:136 Resp: 171550

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.4	9.7	14.5
68	7.8	6.5	9.7



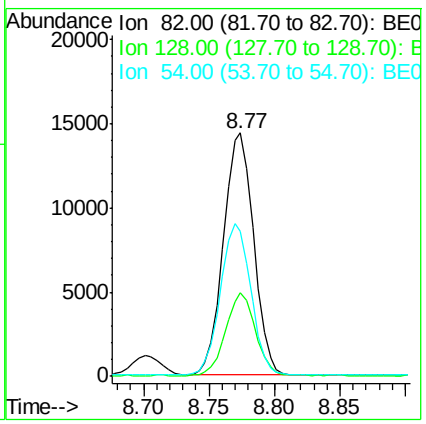


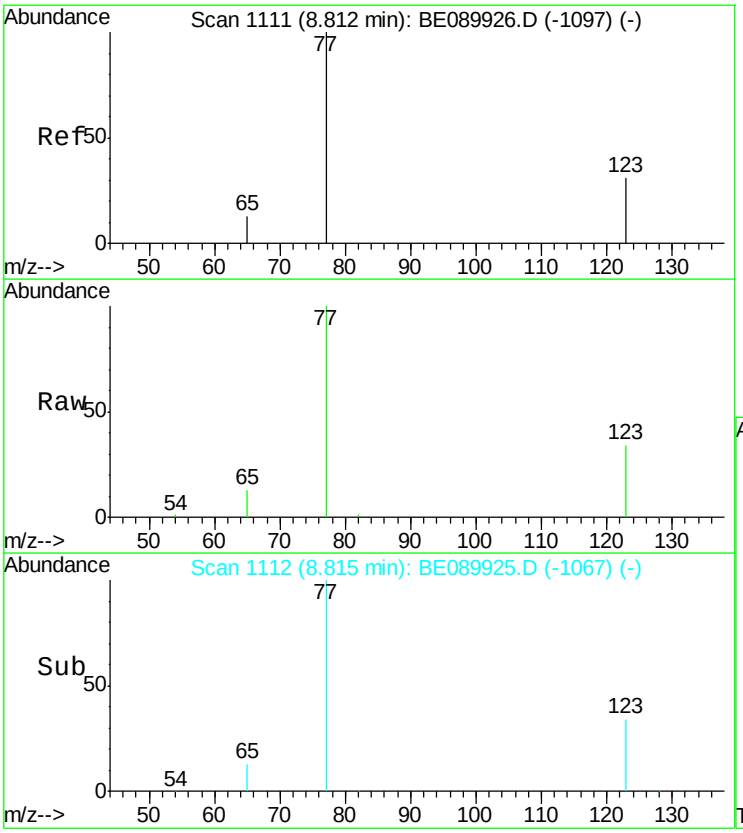
#7
Nitrobenzene-d5
Concen: 1.75 ng
RT: 8.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 82 Resp: 23112

Ion	Ratio	Lower	Upper
82	100		
128	34.1	25.6	38.4
54	59.6	51.2	76.8

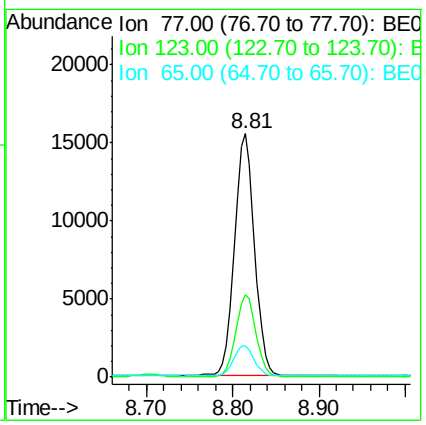


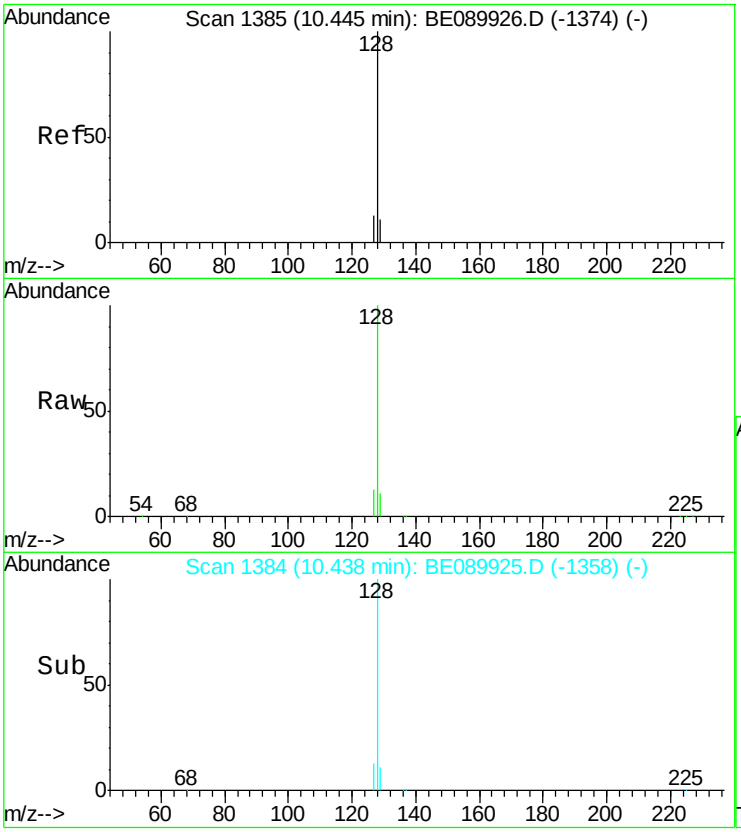


#8
Nitrobenzene
Concen: 1.76 ng
RT: 8.81 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion: 77 Resp: 24834

Ion	Ratio	Lower	Upper
77	100		
123	33.7	26.6	39.8
65	13.1	10.2	15.4



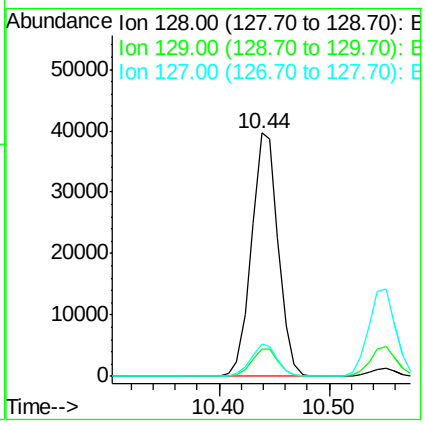


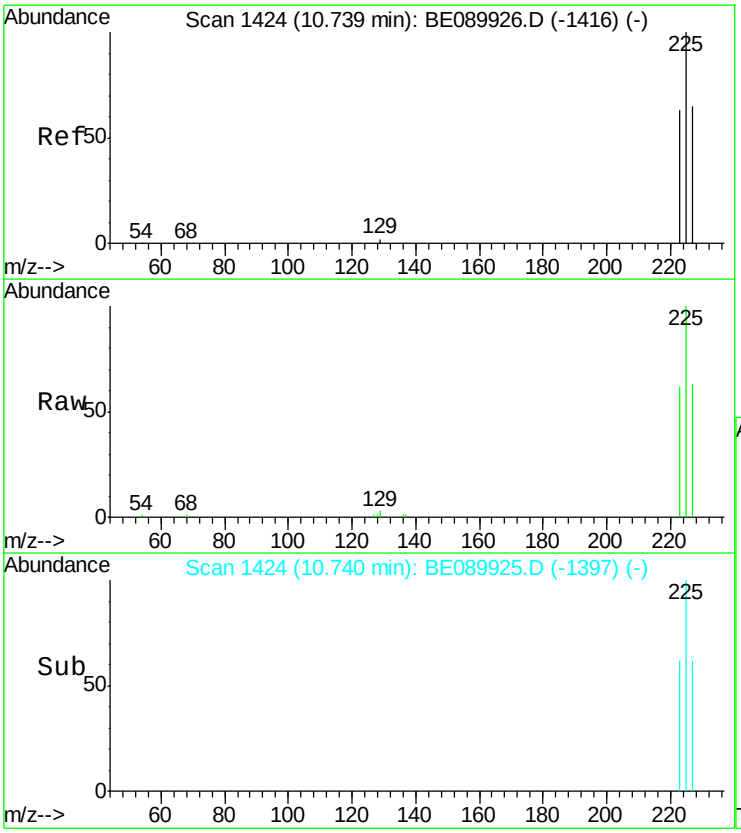
#9
Naphthalene
Concen: 1.63 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:128 Resp: 67128

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.2	10.2	15.4

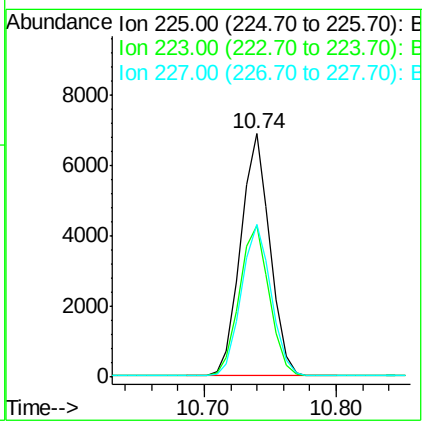


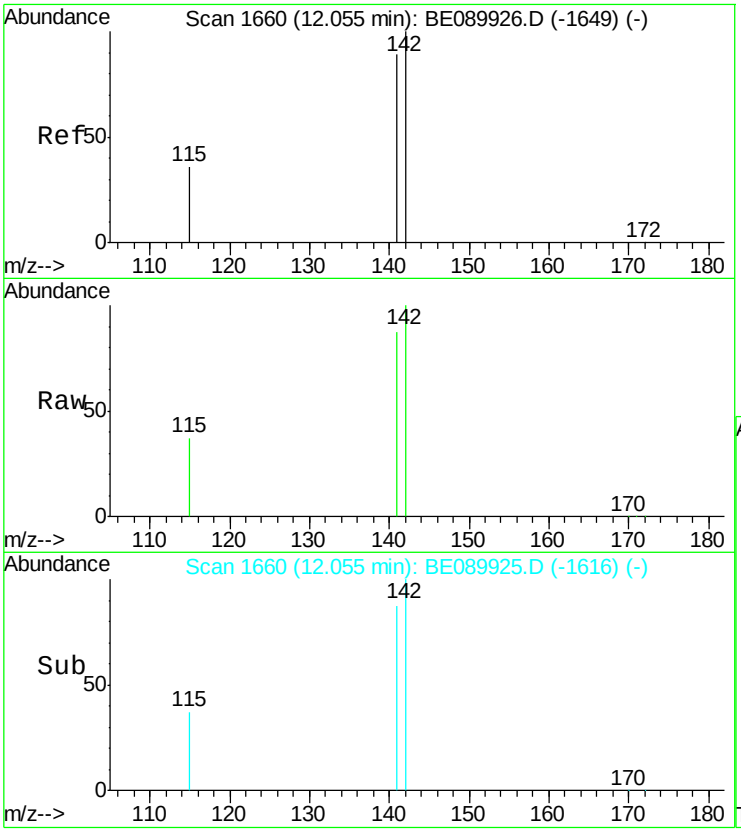


#10
Hexachlorobutadiene
Concen: 1.53 ng
RT: 10.74 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:225 Resp: 10530

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	63.6	50.7	76.1



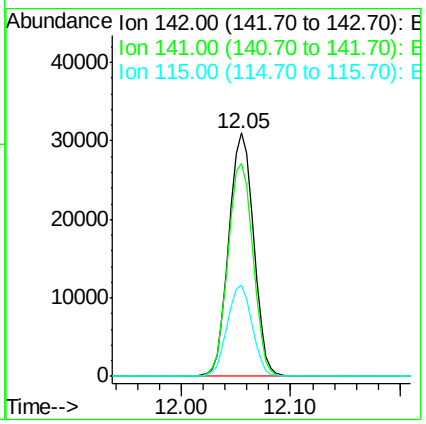


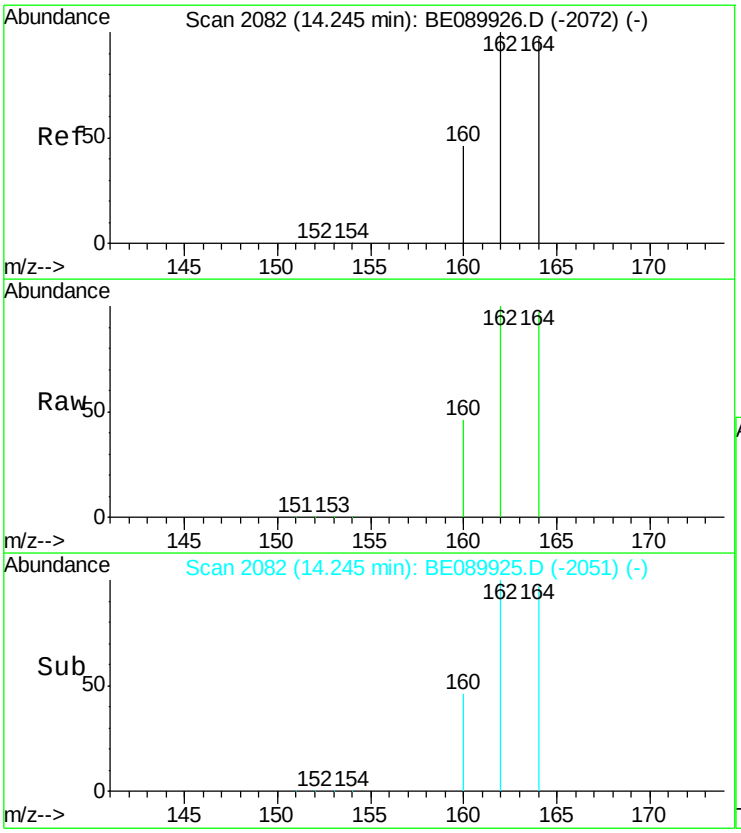
#11
2-Methylnaphthalene
Concen: 1.82 ng
RT: 12.05 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:142 Resp: 47993

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.1	106.7
115	37.2	29.1	43.7

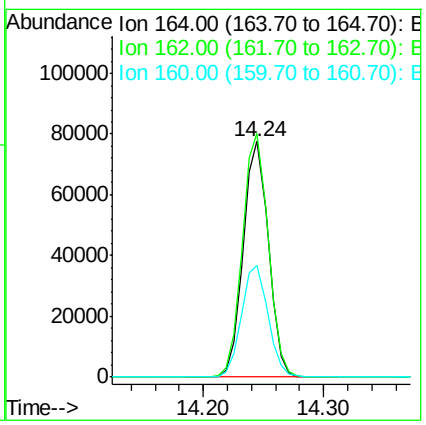


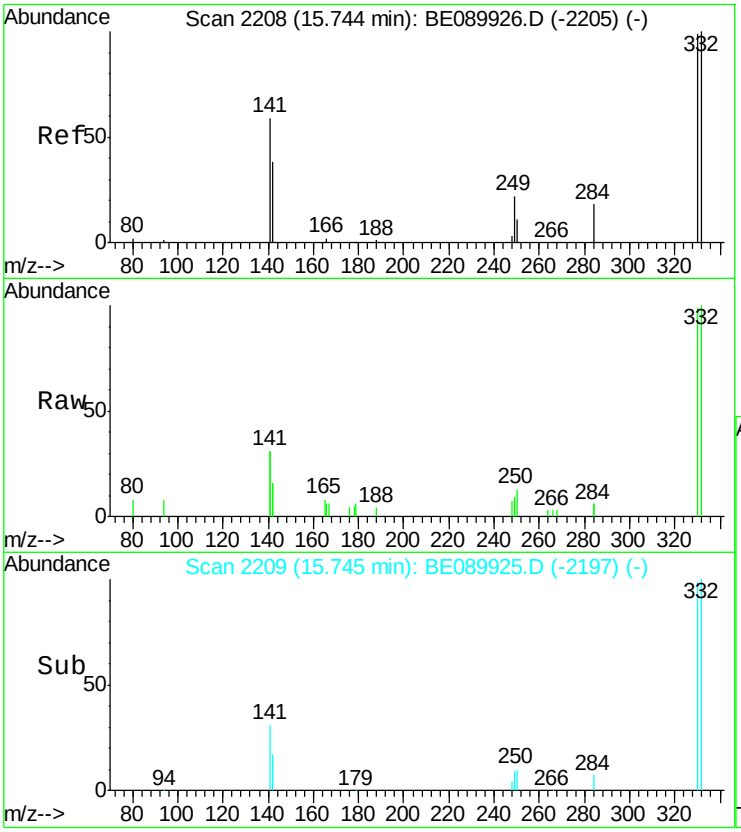


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:164 Resp: 110853

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.7	124.1
160	47.2	38.3	57.5



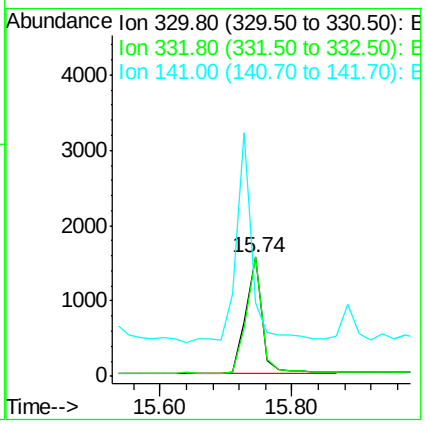


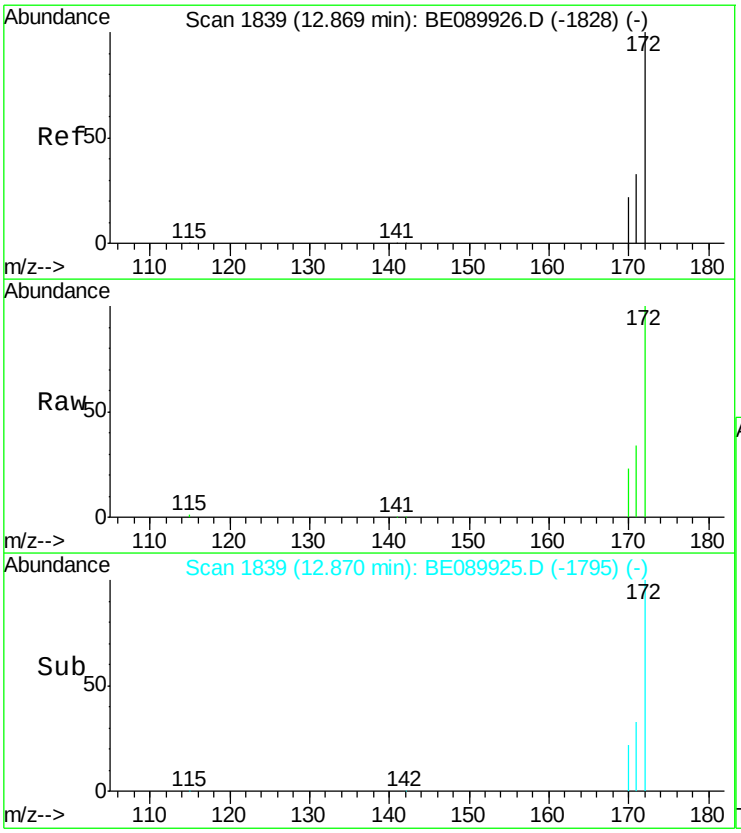
#13
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:330 Resp: 2643

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	179.9	142.8	214.2

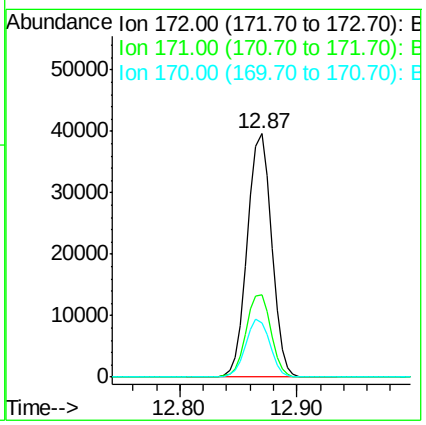


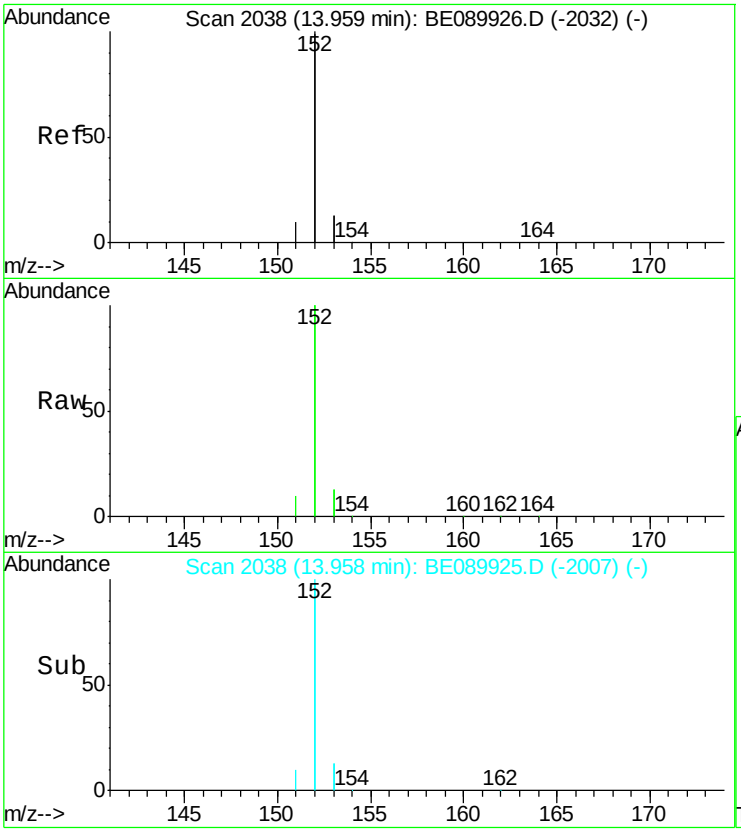


#14
2-Fluorobiphenyl
Concen: 1.49 ng
RT: 12.87 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:172 Resp: 56953

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.7	40.1
170	22.5	17.5	26.3



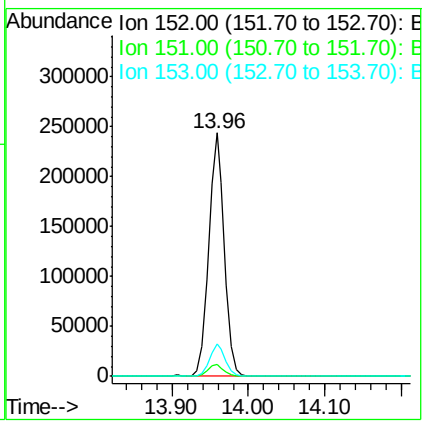


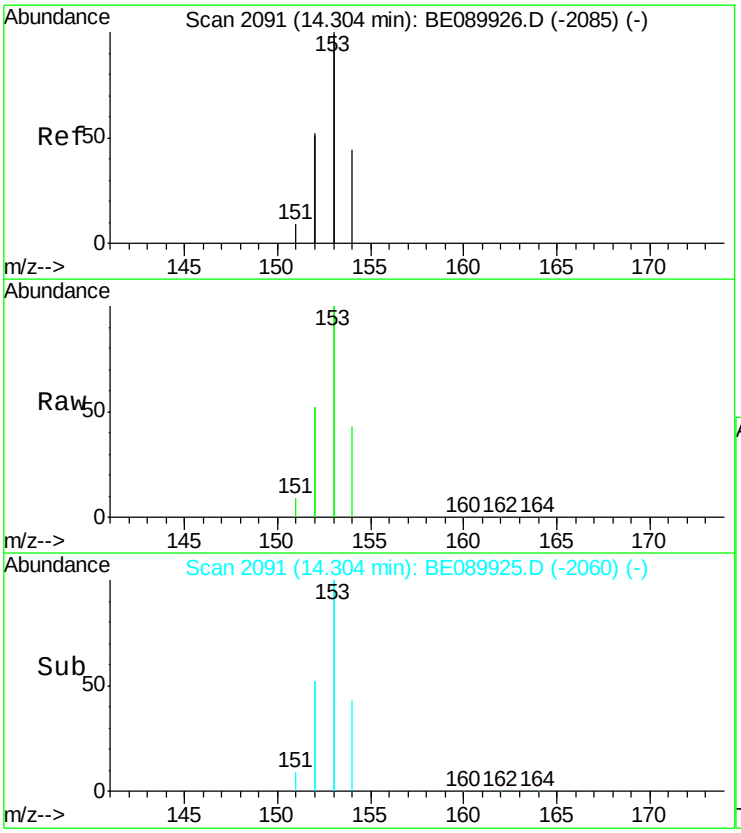
#15
Acenaphthylene
Concen: 5.06 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 348598

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

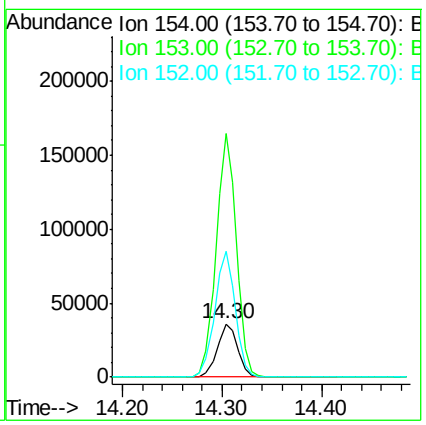


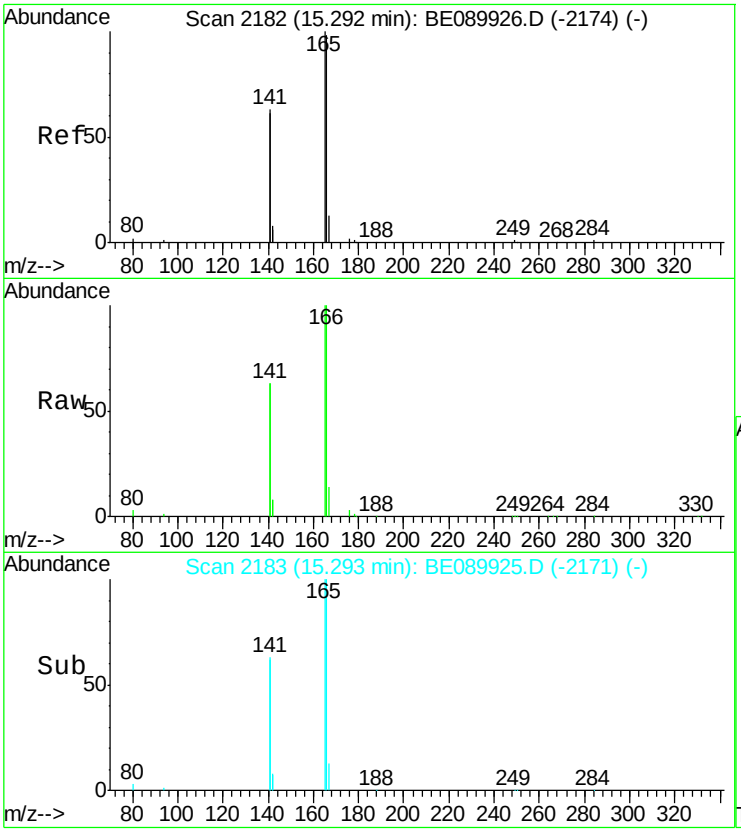


#16
Acenaphthene
Concen: 1.57 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:154 Resp: 50696

Ion	Ratio	Lower	Upper
154	100		
153	453.5	362.8	544.2
152	236.0	194.6	291.8



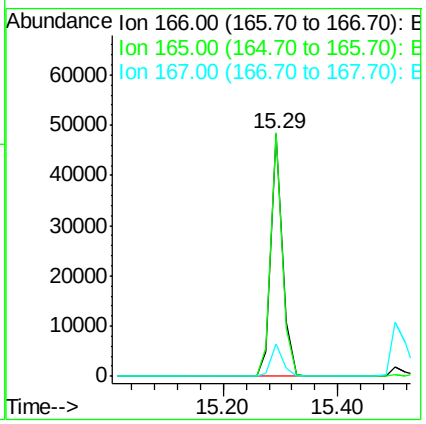


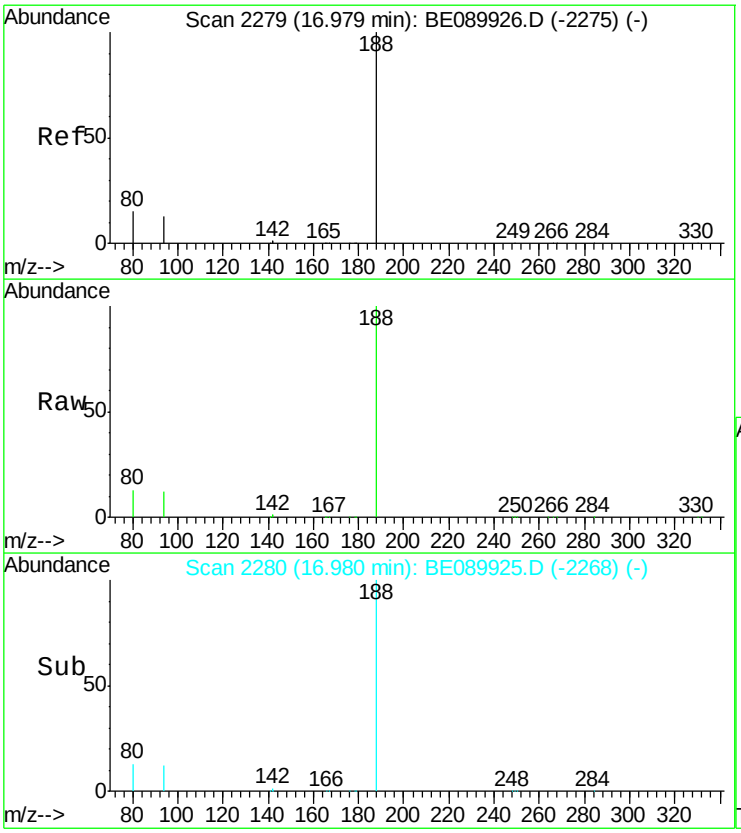
#17
Fluorene
Concen: 2.32 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:166 Resp: 67083

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	14.0	11.8	17.8

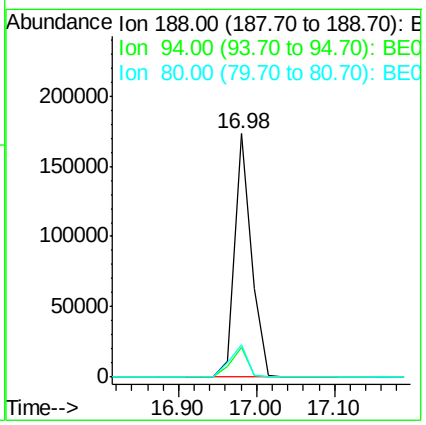


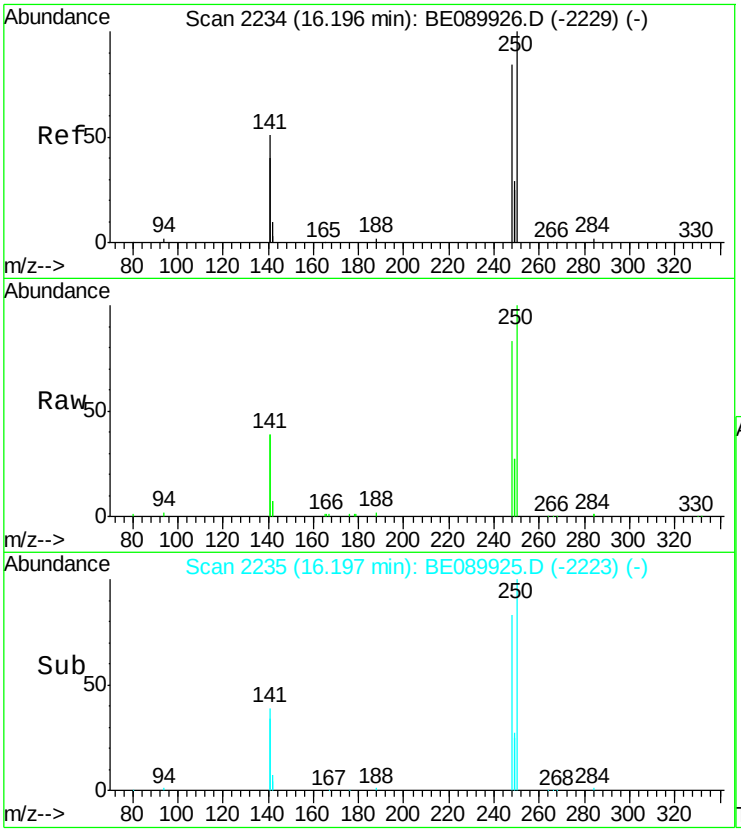


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:188 Resp: 261622

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.6	16.0
80	13.3	11.8	17.6



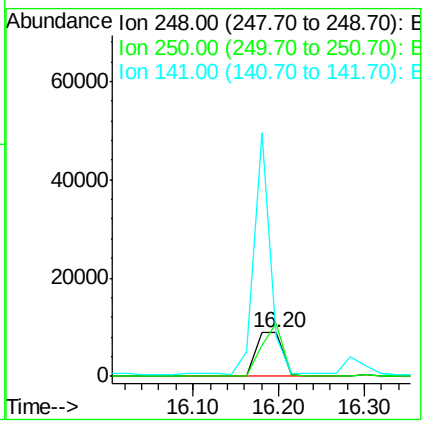


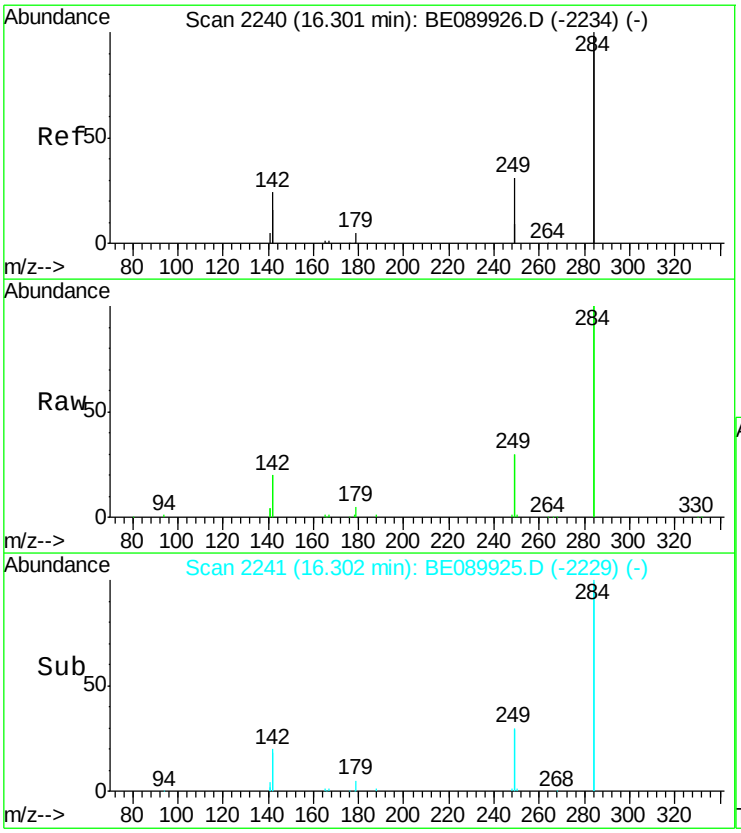
#19
4-Bromophenyl-phenylether
Concen: 1.75 ng
RT: 16.20 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:248 Resp: 18699

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.3	118.9
141	346.0	274.1	411.1

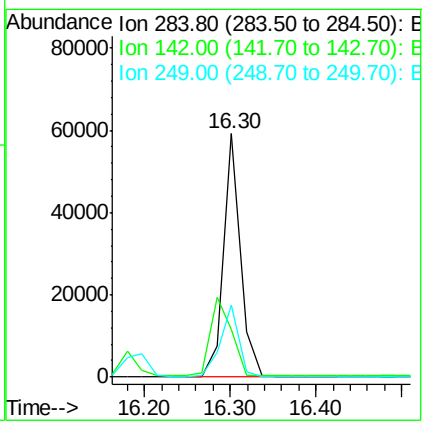


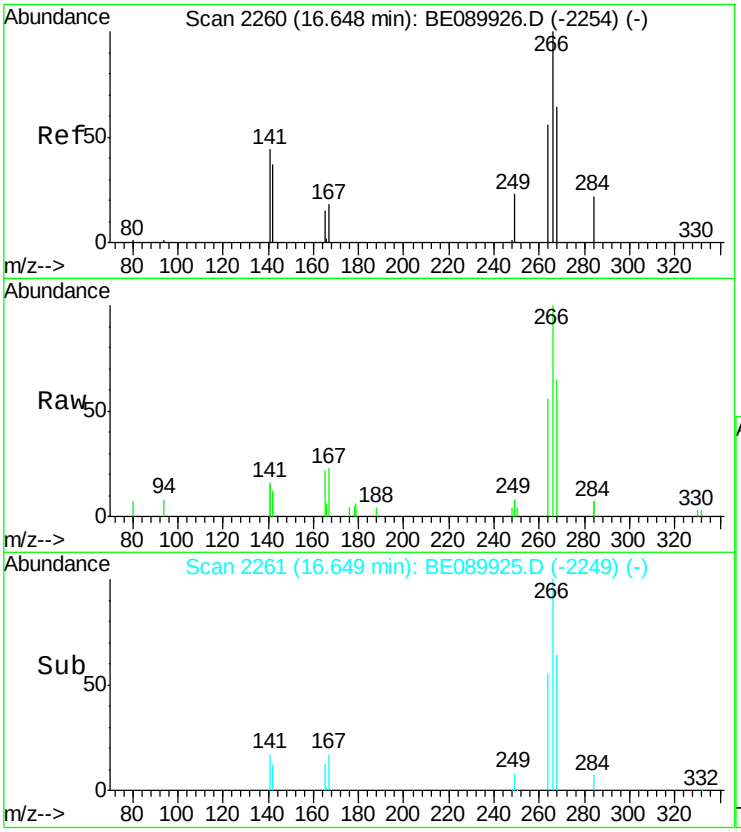


#20
Hexachlorobenzene
Concen: 6.50 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:284 Resp: 80673

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.0	48.0
249	31.6	25.0	37.6



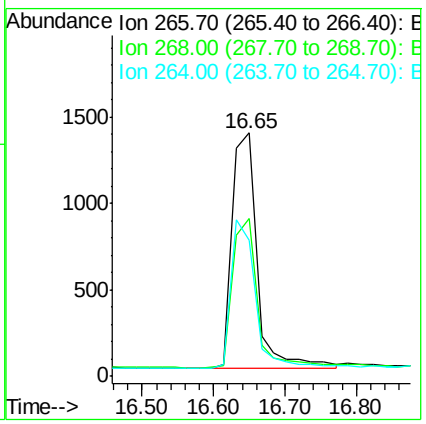


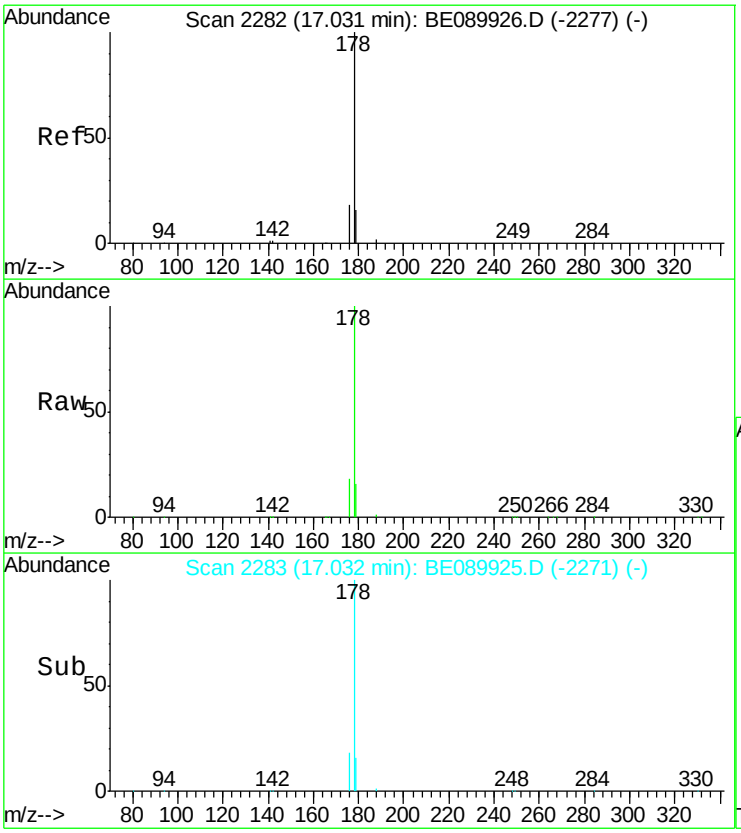
#21
Pentachlorophenol
Concen: 1.07 ng
RT: 16.65 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 3260

Ion	Ratio	Lower	Upper
266	100		
268	65.1	54.4	81.6
264	56.1	48.2	72.2

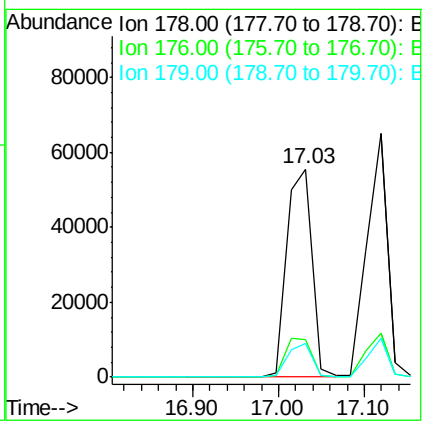


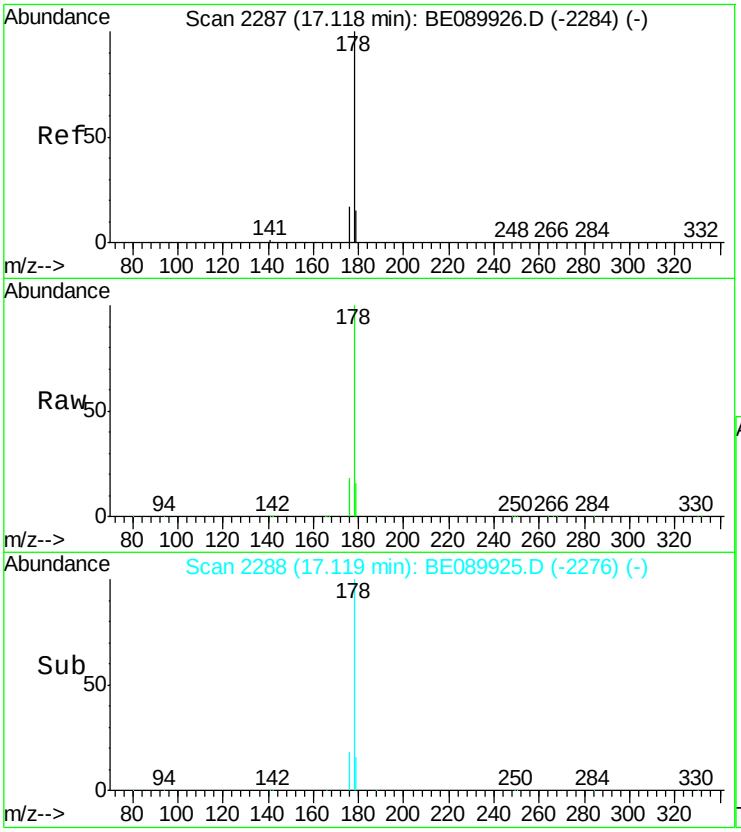


#22
Phenanthrene
Concen: 1.31 ng
RT: 17.03 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:178 Resp: 113558

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0



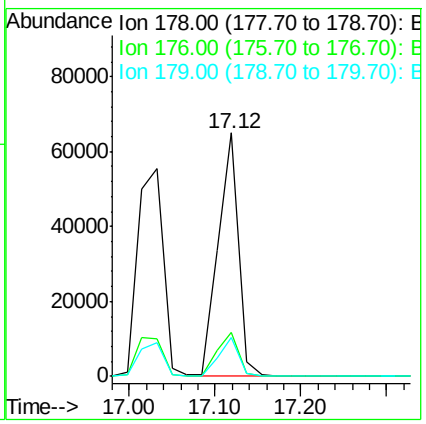


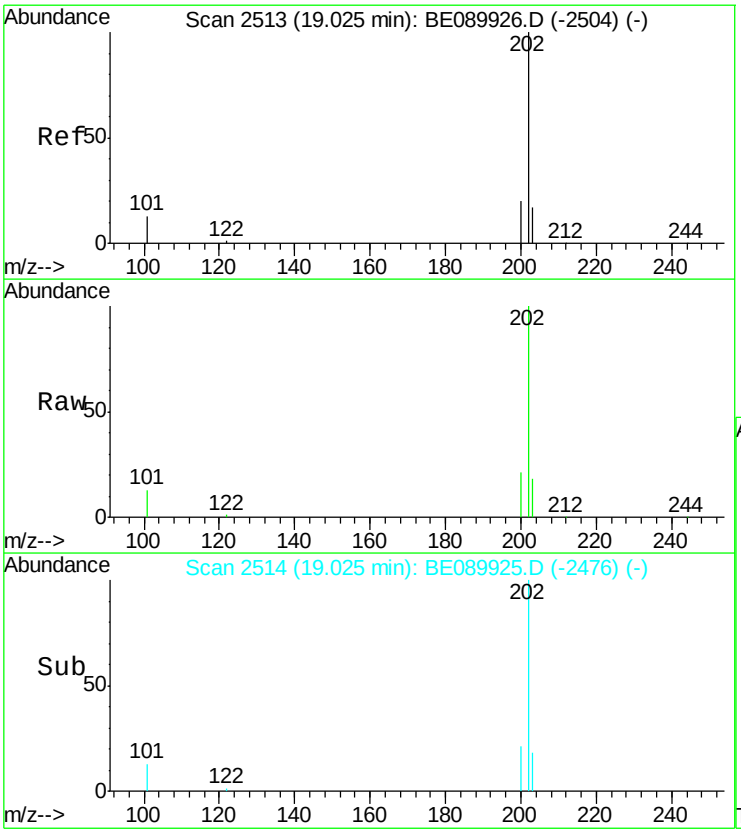
#23
Anthracene
Concen: 2.70 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 107872

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.5	12.3	18.5

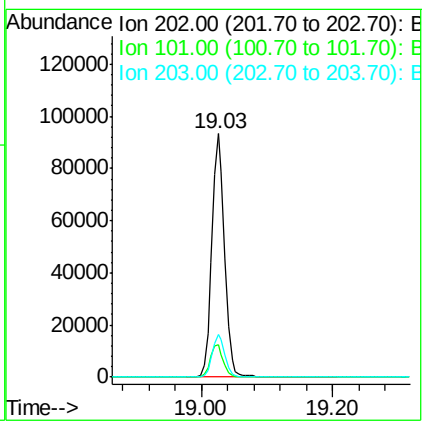


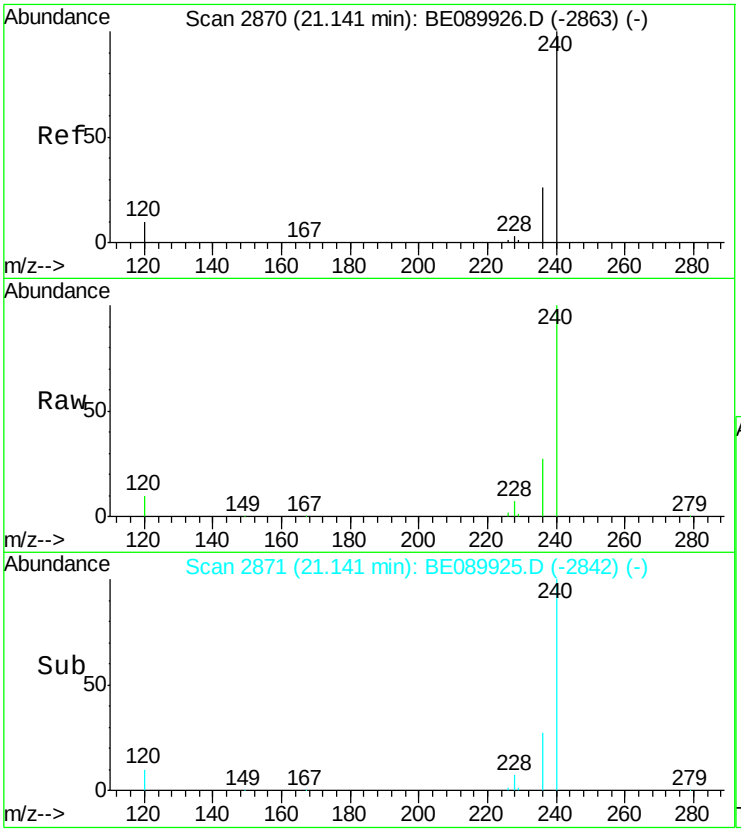


#24
Fluoranthene
Concen: 2.17 ng
RT: 19.03 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:202 Resp: 125643

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
203	17.5	13.8	20.8



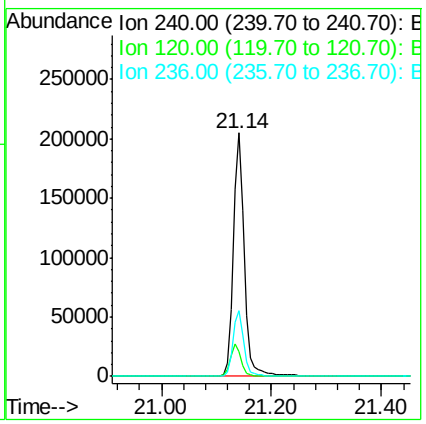


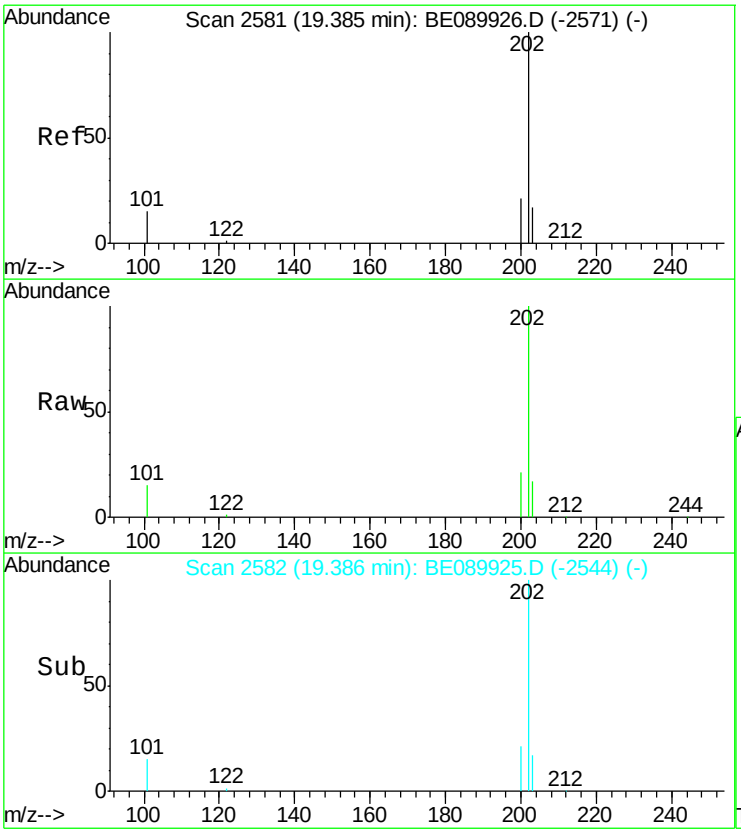
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 275499

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.9	11.9
236	26.9	21.2	31.8

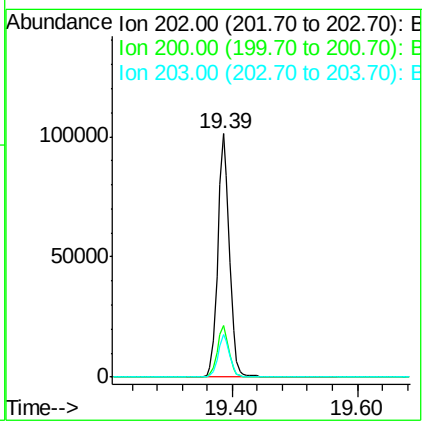


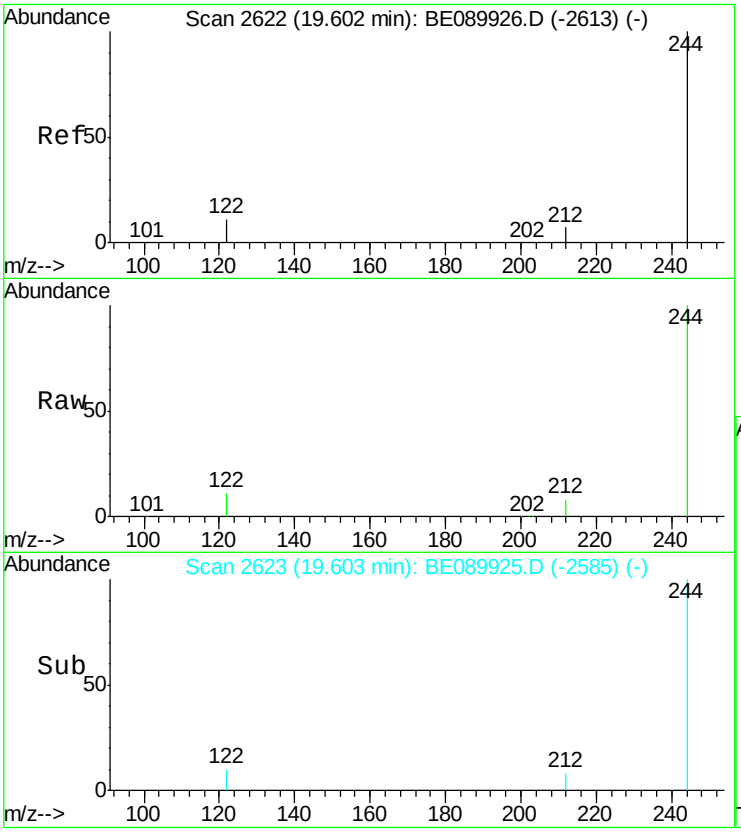


#26
Pyrene
Concen: 1.40 ng
RT: 19.39 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:202 Resp: 129813

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.5	13.9	20.9



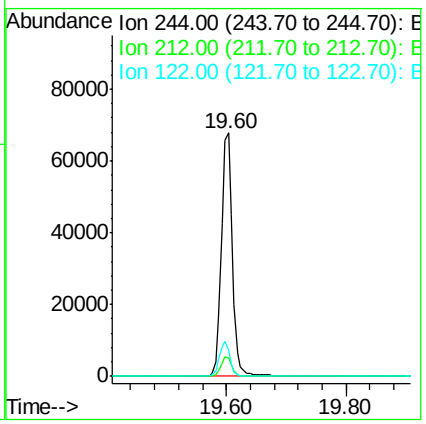


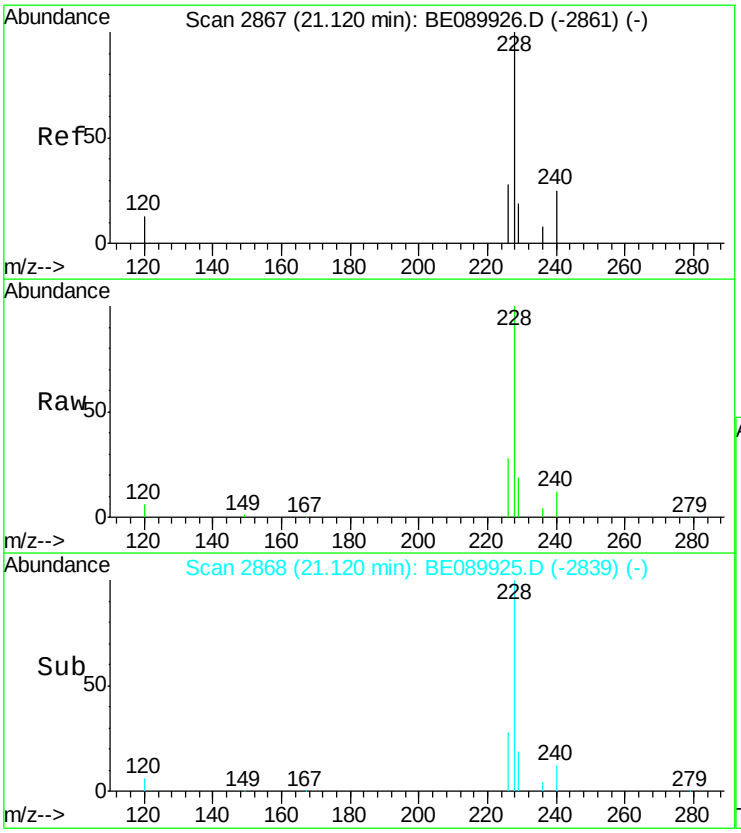
#27
Terphenyl-d14
Concen: 2.16 ng
RT: 19.60 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 88657

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	10.7	8.7	13.1

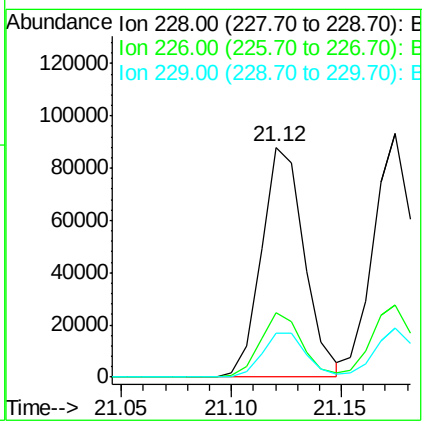


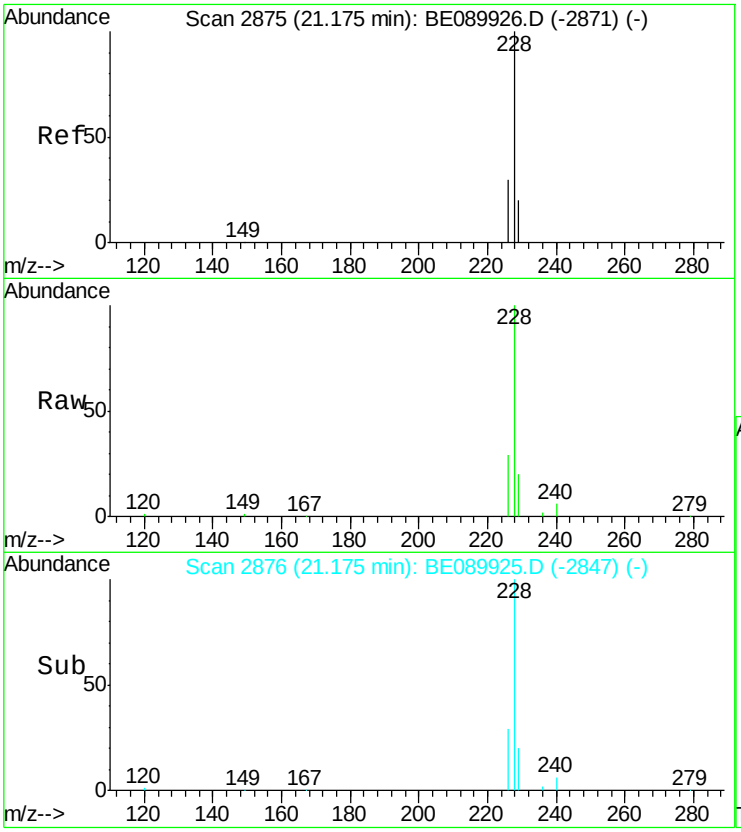


#28
Benzo(a)anthracene
Concen: 1.48 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:228 Resp: 118715

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	19.2	15.3	22.9



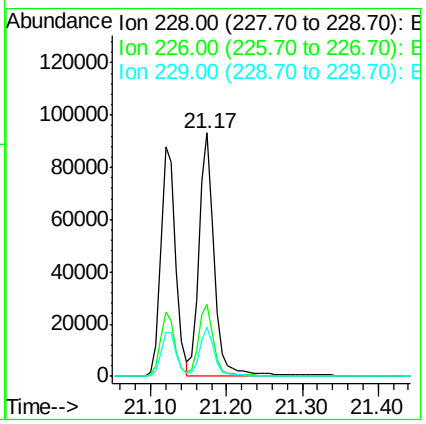


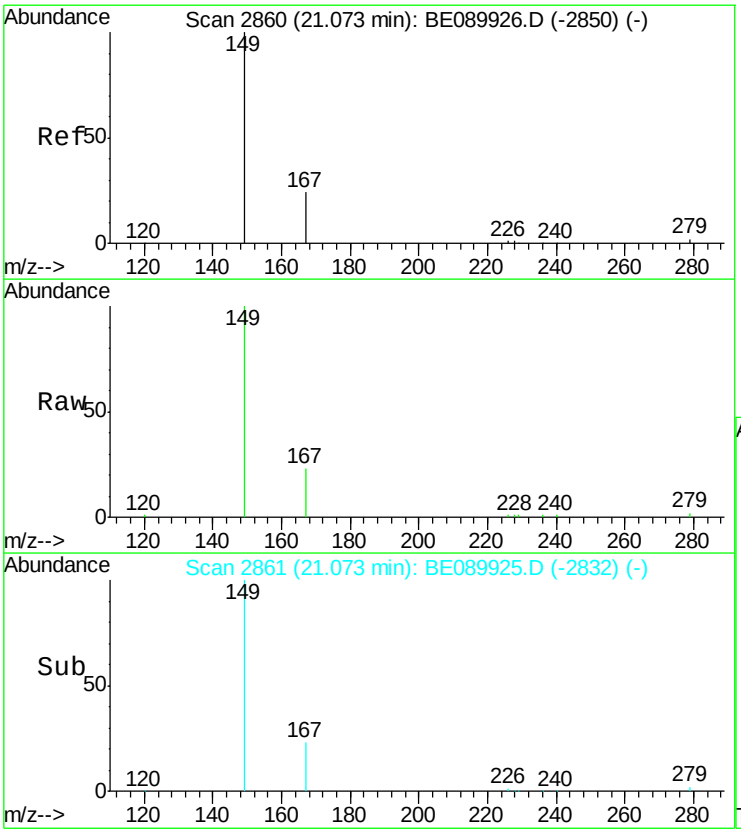
#29
Chrysene
Concen: 1.52 ng
RT: 21.17 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 128285

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	20.0	15.8	23.8

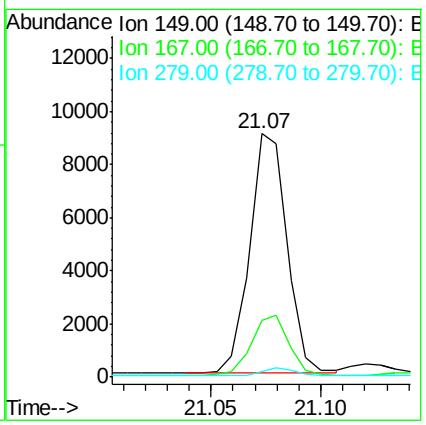


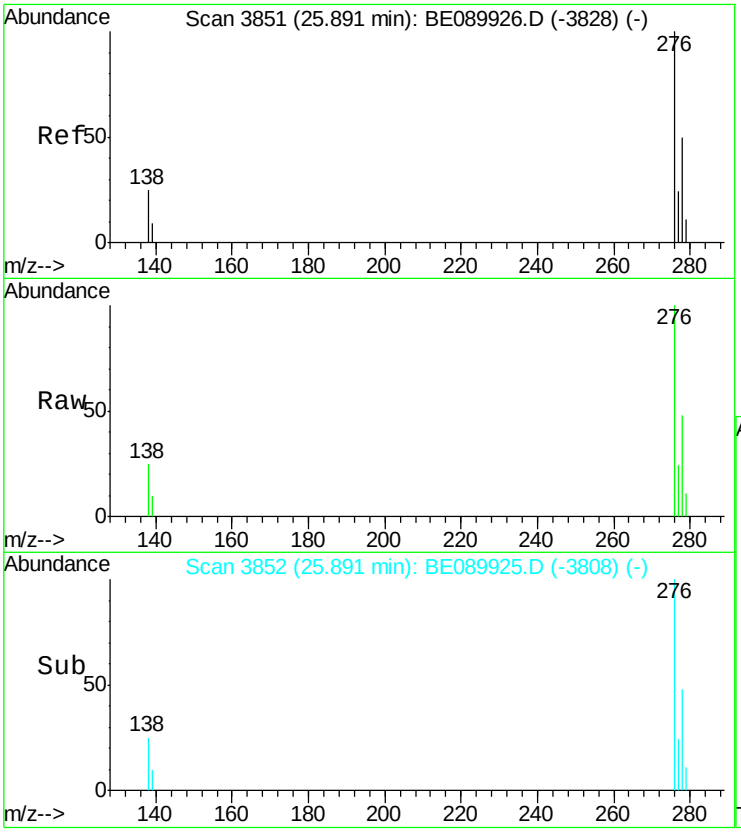


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:149 Resp: 10719

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	3.0	2.7	4.1



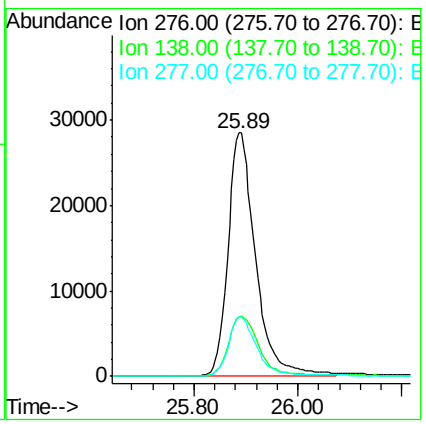


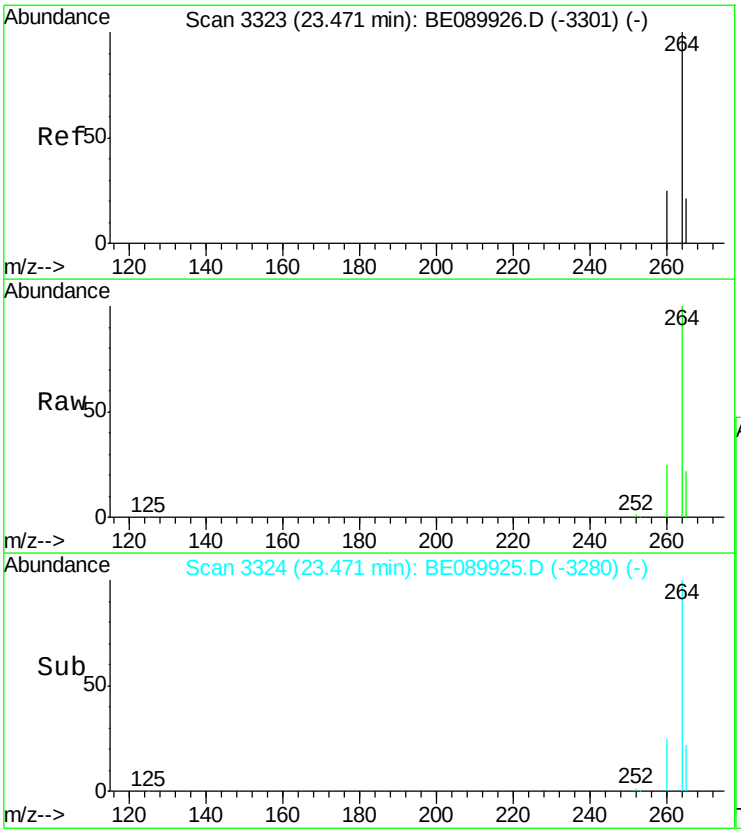
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng
RT: 25.89 min Scan# 3852
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 104238

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
277	24.7	0.0	0.0#

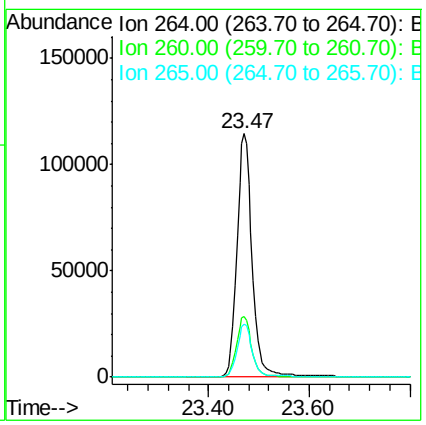


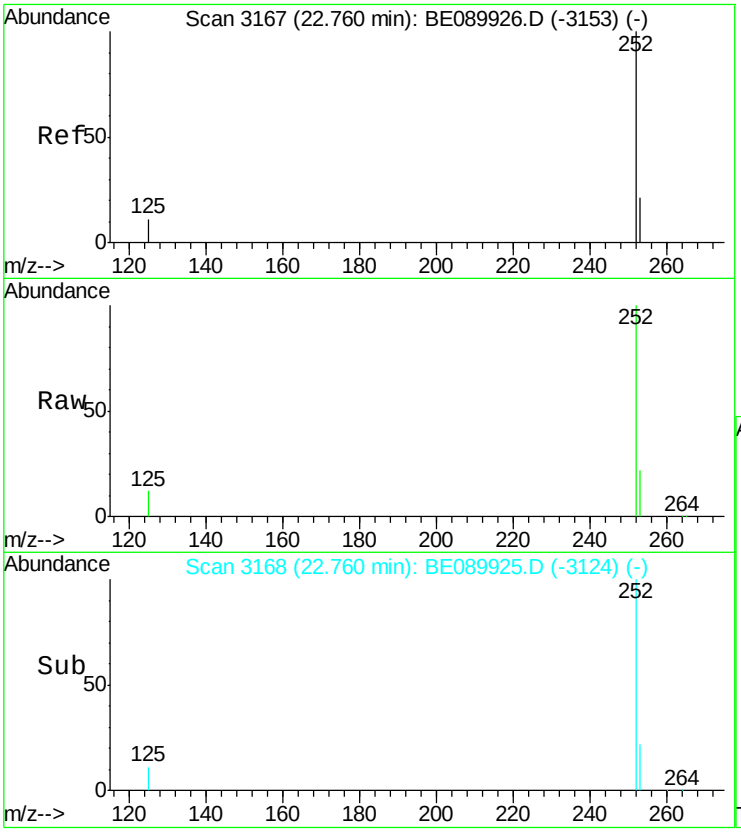


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:264 Resp: 242462

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.8	17.3	25.9



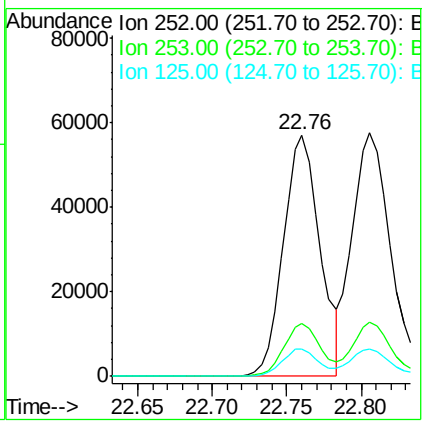


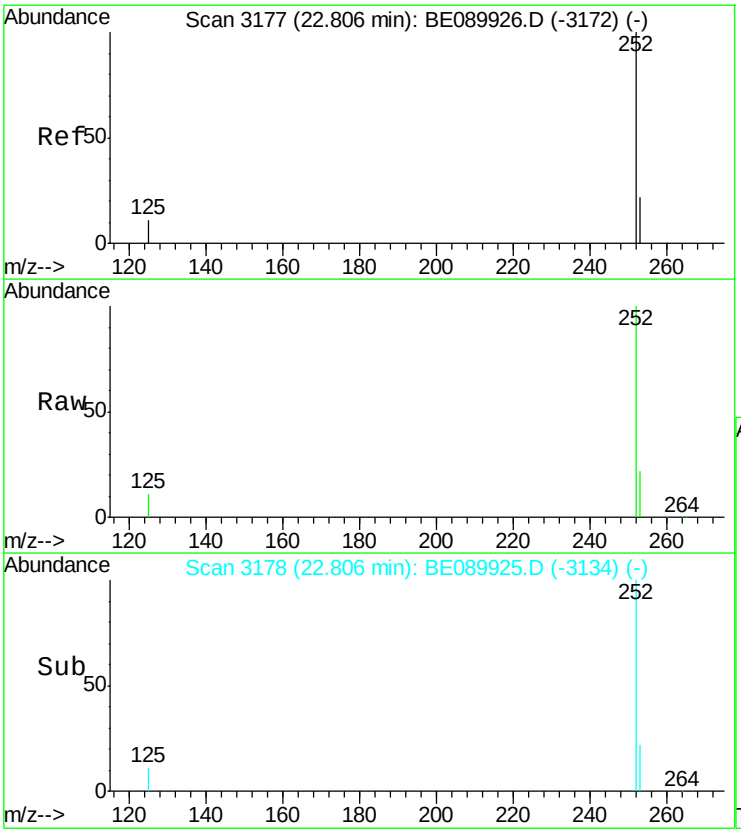
#33
Benzo(b)fluoranthene
Concen: 1.28 ng
RT: 22.76 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 97140

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.5	9.3	13.9

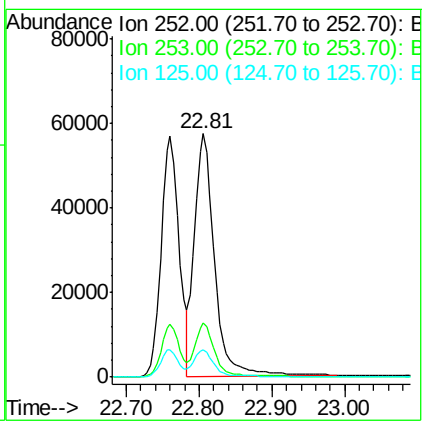


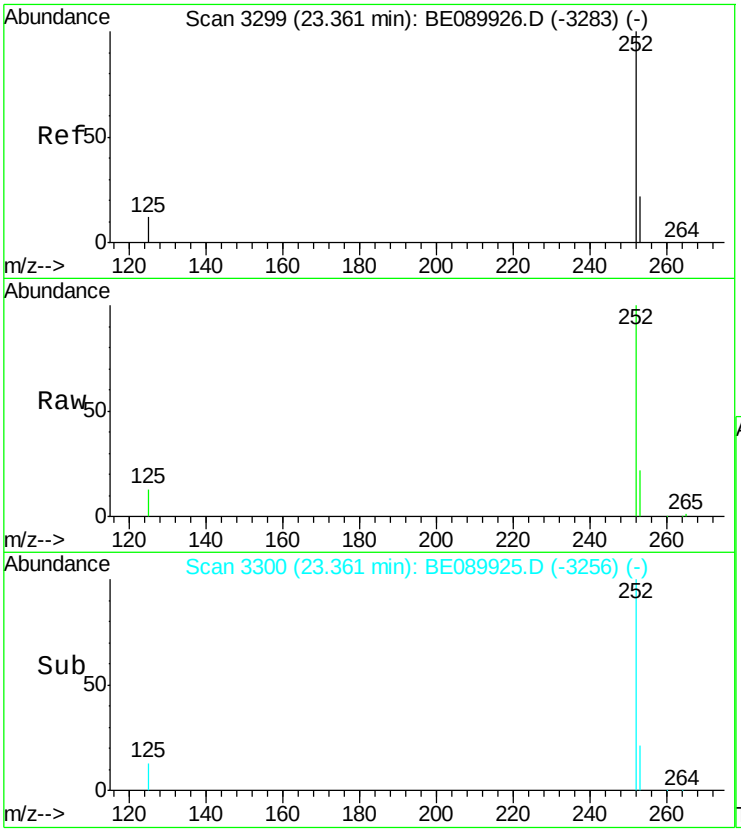


#34
Benzo(k)fluoranthene
Concen: 1.56 ng
RT: 22.81 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:252 Resp: 108854

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	9.2	13.8



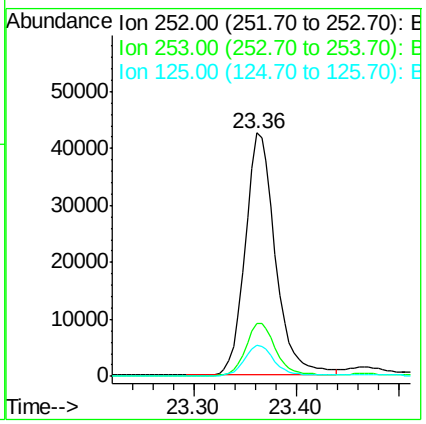


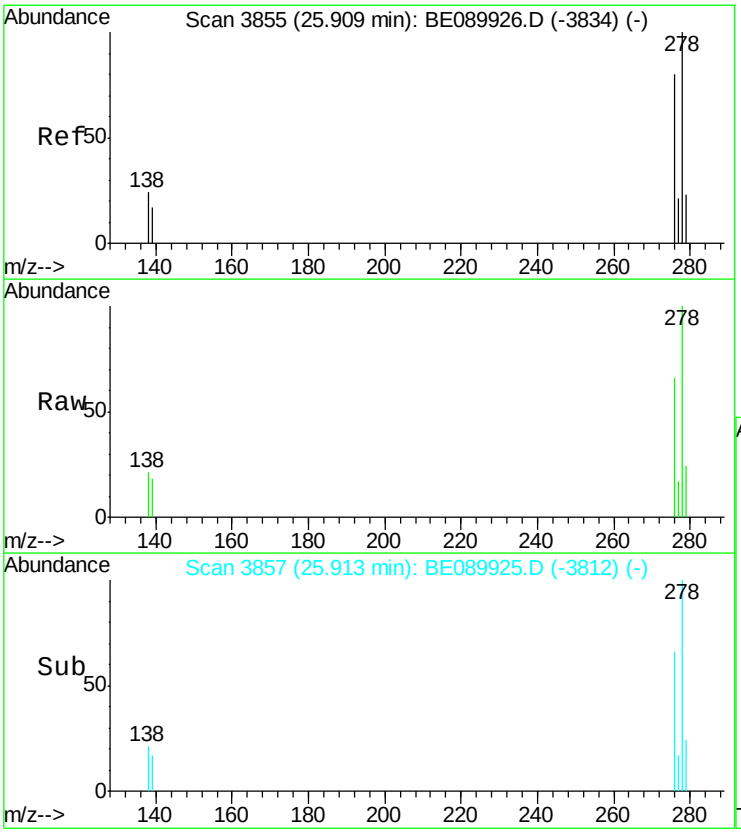
#35
Benzo(a)pyrene
Concen: 1.36 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 87564

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.7	10.3	15.5

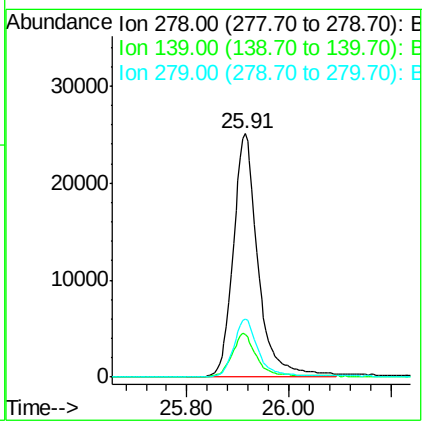


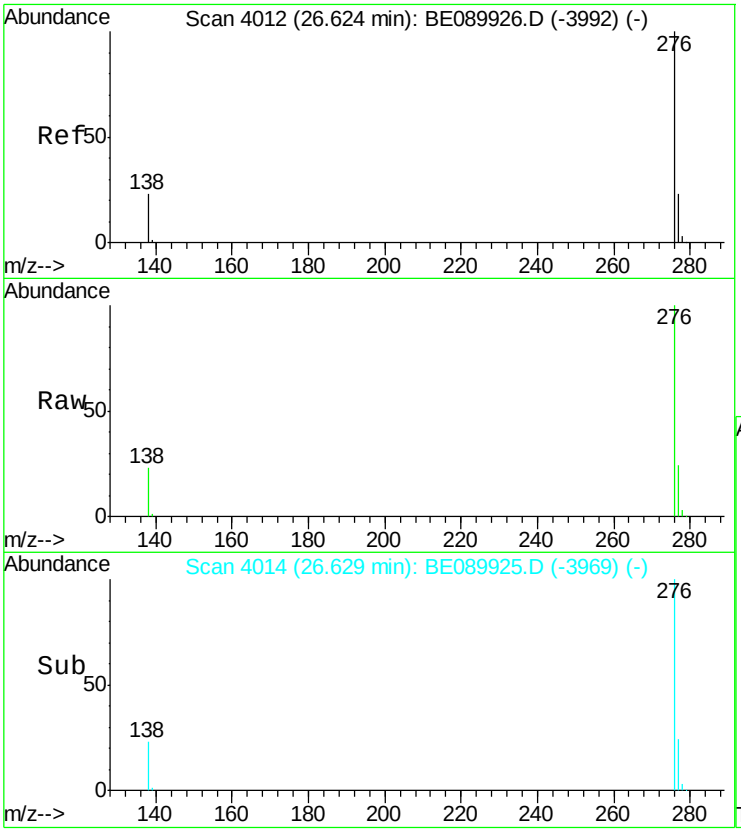


#36
Dibenzo(a,h)anthracene
Concen: 1.33 ng
RT: 25.91 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Tgt Ion:278 Resp: 84162

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.1	21.1
279	23.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.31 ng
RT: 26.63 min Scan# 4014
Delta R.T. 0.00 min
Lab File: BE089925.D
Acq: 23 Jun 2015 22:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 87139

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	23.1	18.8	28.2