Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089964.D
Acq On : 27 Jun 2015 7:33
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Jun 29 01:12:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	23842	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	109197	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	68234	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	165190	5.00	ng		0.00
25) Chrysene-d12	21.13	240	175831	5.00	ng		0.00
32) Perylene-d12	23.47	264	149003	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	3425	0.80	ng		0.00
5) Phenol-d6	6.81	99	5992	0.91	ng		0.00
7) Nitrobenzene-d5	8.77	82	6611	0.81	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	674	0.85	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	17860	0.90	ng		0.00
27) Terphenyl-d14	19.60	244	27131	0.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	2975	1.03	ng		94
3) n-Nitrosodimethylamine	3.55	42	3642	0.85	ng		92
8) Nitrobenzene	8.81	77	7086	0.82	ng		99
9) Naphthalene	10.44	128	22617	0.93	ng		100
10) Hexachlorobutadiene	10.74	225	3571	0.93	ng		99
11) 2-Methylnaphthalene	12.05	142	14982	0.90	ng		99
15) Acenaphthylene	13.95	152	109242	0.91	ng		100
16) Acenaphthene	14.30	154	16624	0.95	ng		98
17) Fluorene	15.29	166	21789	0.99	ng		97
19) 4-Bromophenyl-phenylether	16.18	248	5776	0.86	ng		98
20) Hexachlorobenzene	16.30	284	27089	0.92	ng		99
21) Pentachlorophenol	16.63	266	3501	2.48	ng		91
22) Phenanthrene	17.01	178	37803	0.91	ng		99
23) Anthracene	17.12	178	33412	0.87	ng		99
24) Fluoranthene	19.02	202	39618	0.88	ng		100
26) Pyrene	19.38	202	41751	0.94	ng		100
28) Benzo(a)anthracene	21.12	228	37840	0.90	ng		98
29) Chrysene	21.17	228	40016	0.87	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	3310	0.92	ng		99
31) Indeno(1,2,3-cd)pyrene	25.89	276	31416	0.93	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	30175	0.96	ng		100
34) Benzo(k)fluoranthene	22.80	252	34138	0.96	ng		99
35) Benzo(a)pyrene	23.36	252	25539	0.91	ng		99
36) Dibenzo(a,h)anthracene	25.90	278	25076	0.96	ng		99
37) Benzo(g,h,i)perylene	26.62	276	26134	0.93	ng		99

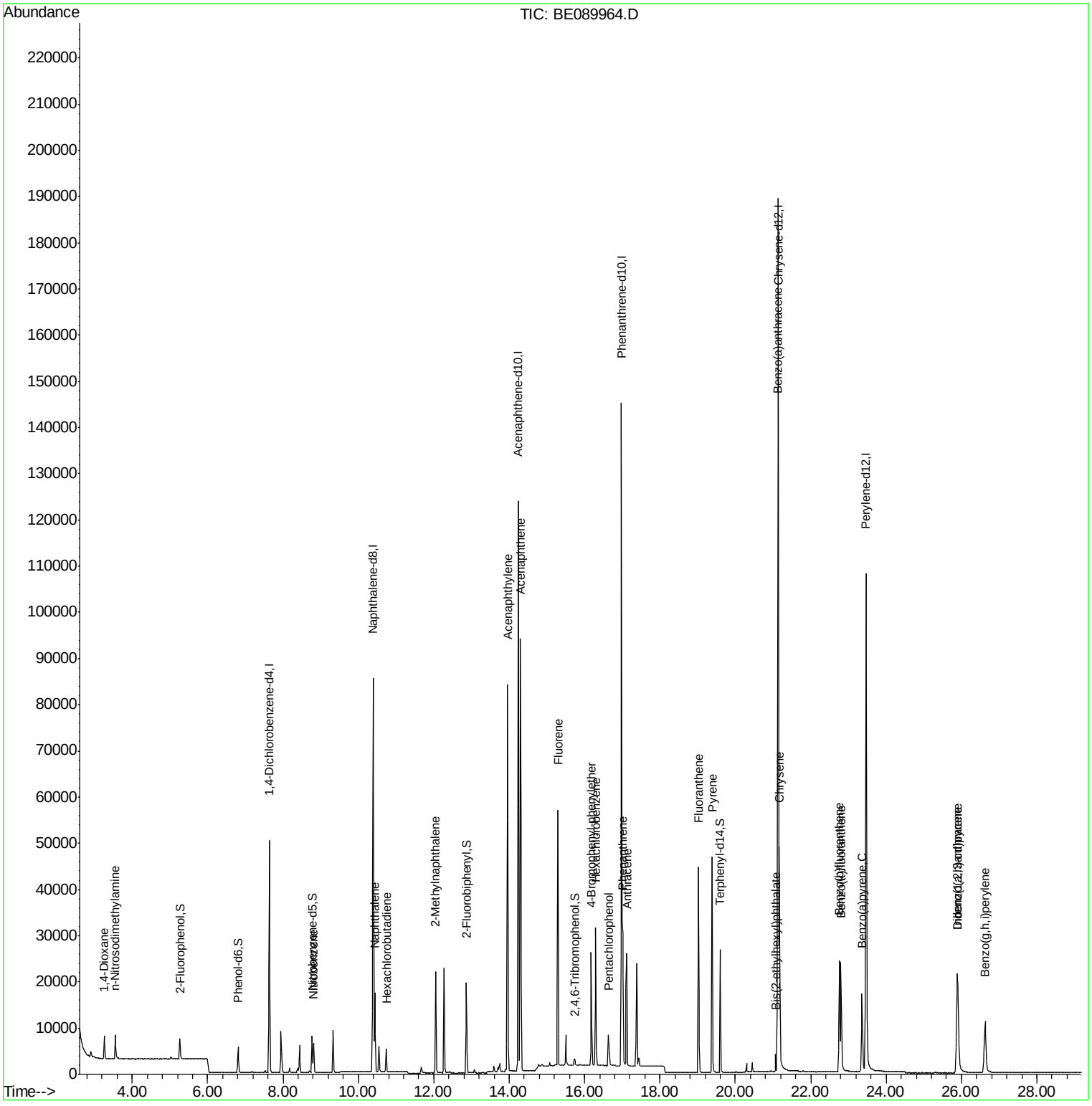
(#) = qualifier out of range (m) = manual integration (+) = signals summed

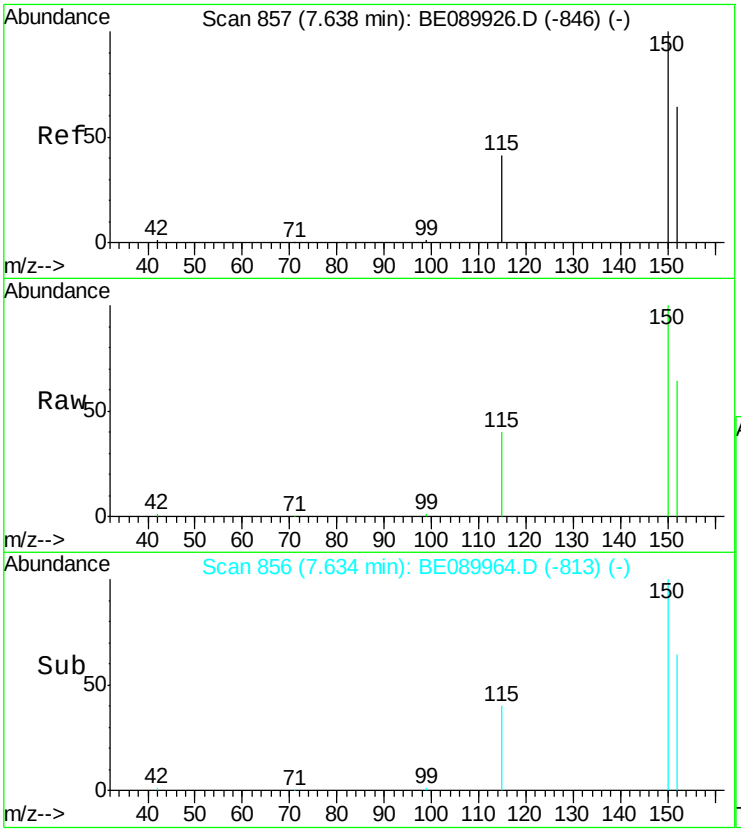
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089964.D
Acq On : 27 Jun 2015 7:33
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Jun 29 01:12:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



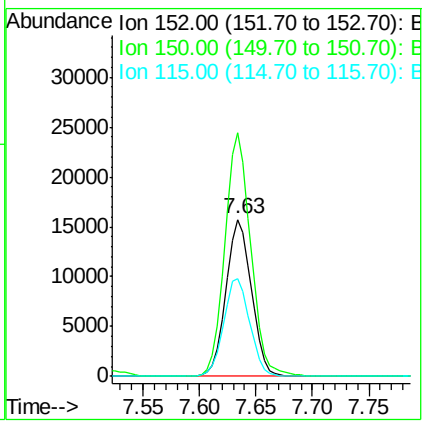


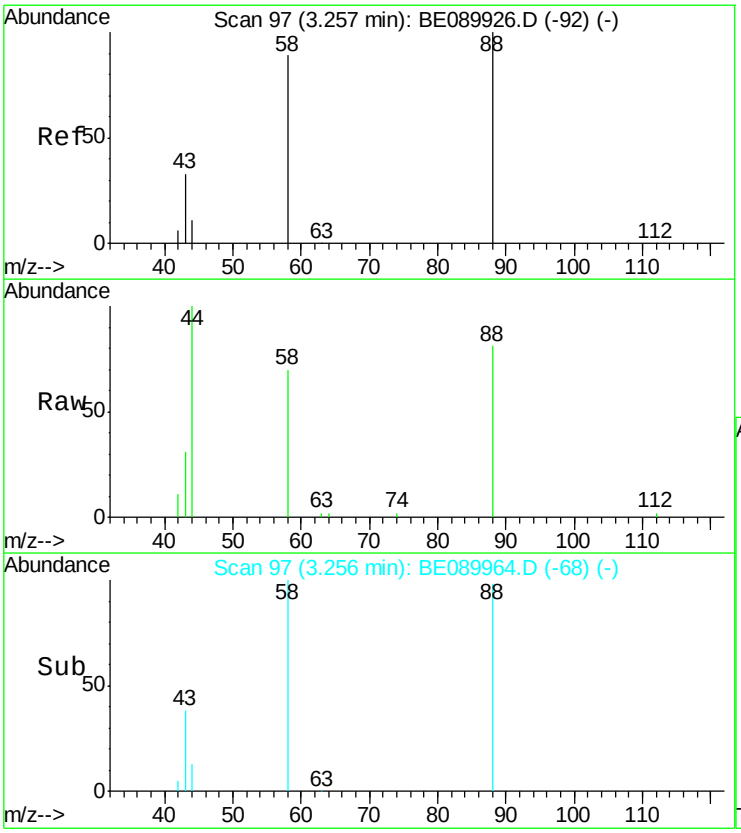
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 23842

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	62.3	51.6	77.4

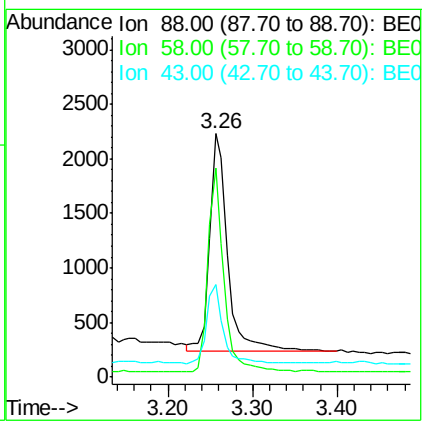


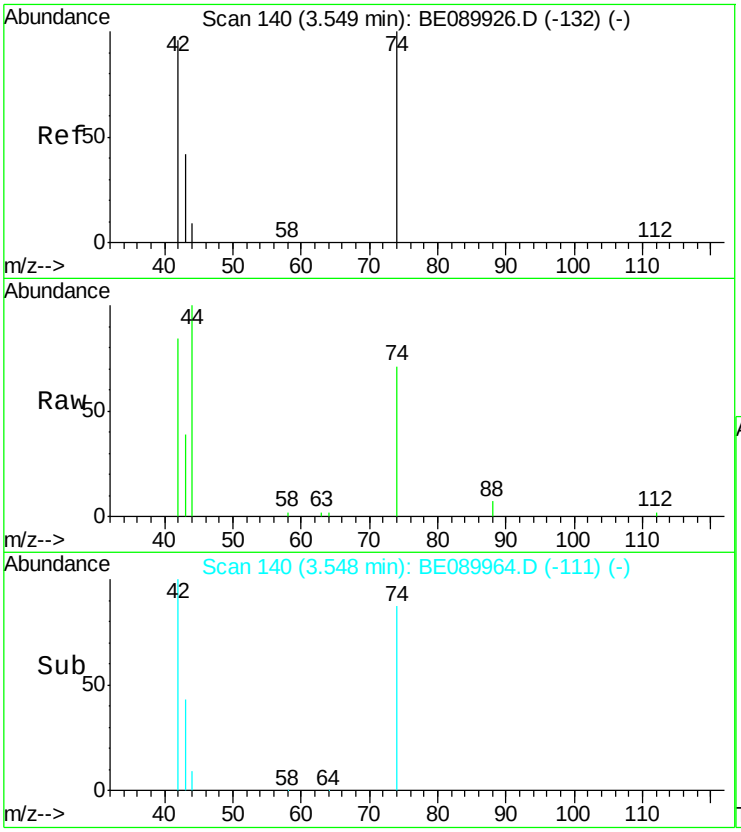


#2
1,4-Dioxane
Concen: 1.03 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion: 88 Resp: 2975

Ion	Ratio	Lower	Upper
88	100		
58	81.3	70.8	106.2
43	32.6	26.8	40.2



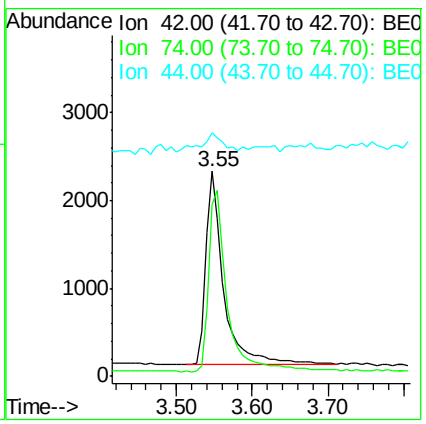


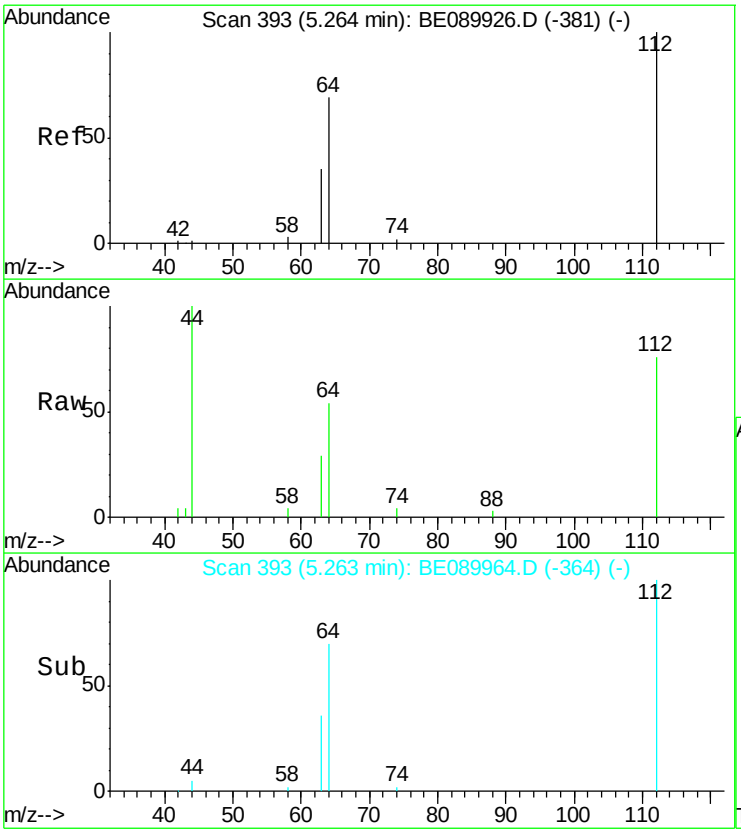
#3
n-Nitrosodimethylamine
Concen: 0.85 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3642

Ion	Ratio	Lower	Upper
42	100		
74	97.7	85.4	128.2
44	11.2	8.4	12.6

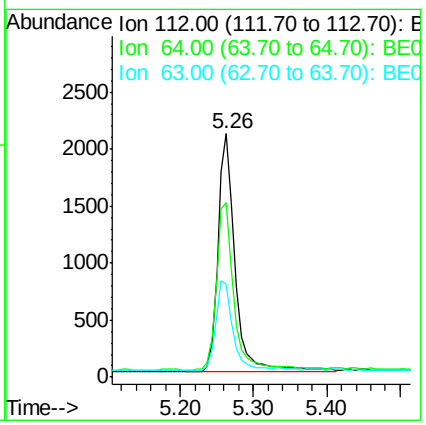


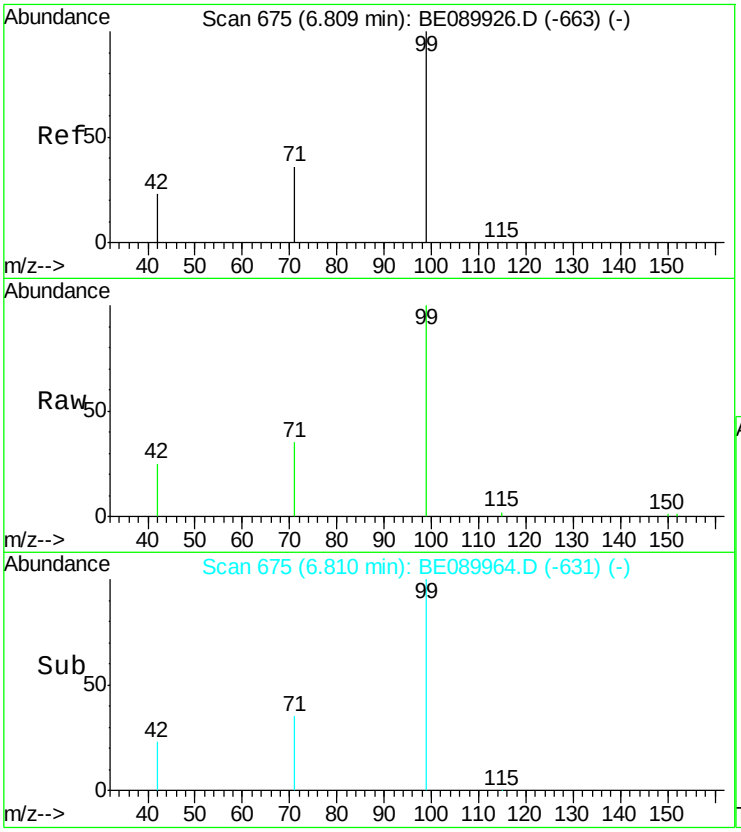


#4
2-Fluorophenol
Concen: 0.80 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:112 Resp: 3425

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.4	86.2
63	37.7	31.2	46.8



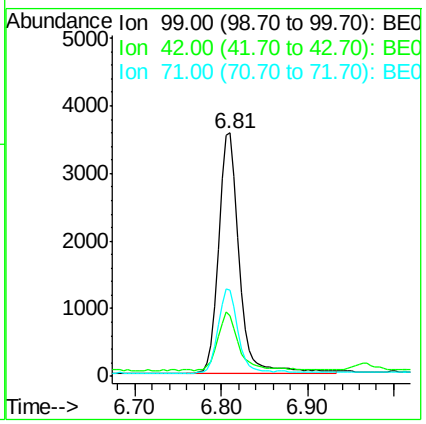


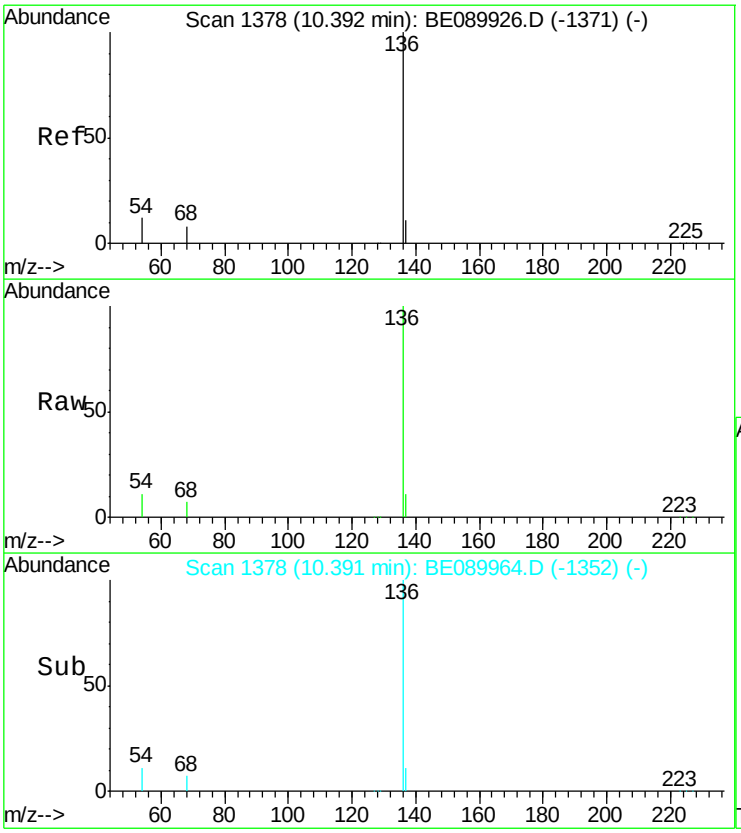
#5
Phenol-d6
Concen: 0.91 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 5992

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.5	29.3
71	34.0	27.8	41.6

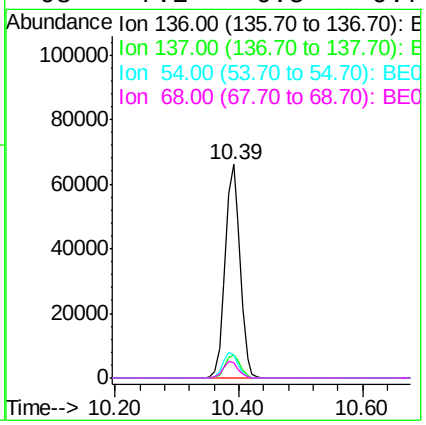


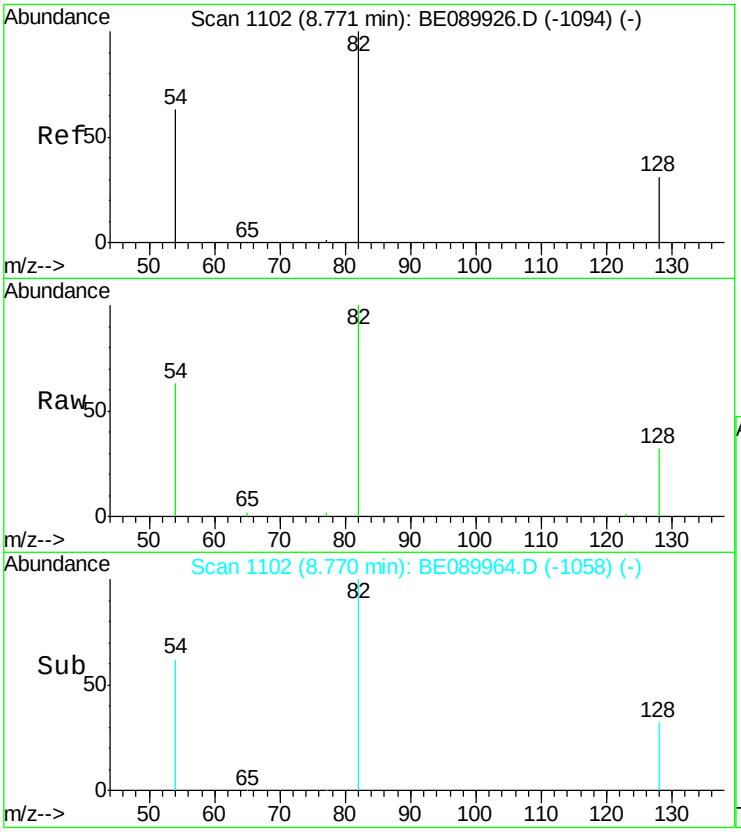


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:136 Resp: 109197

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.0	9.7	14.5
68	7.2	6.5	9.7



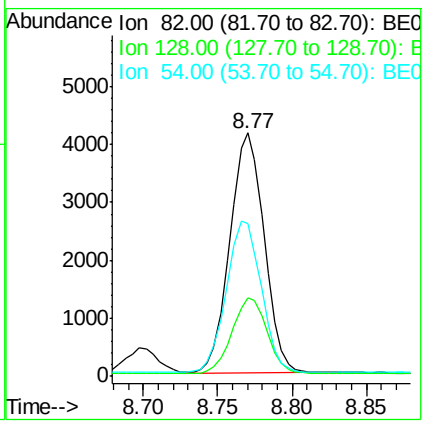


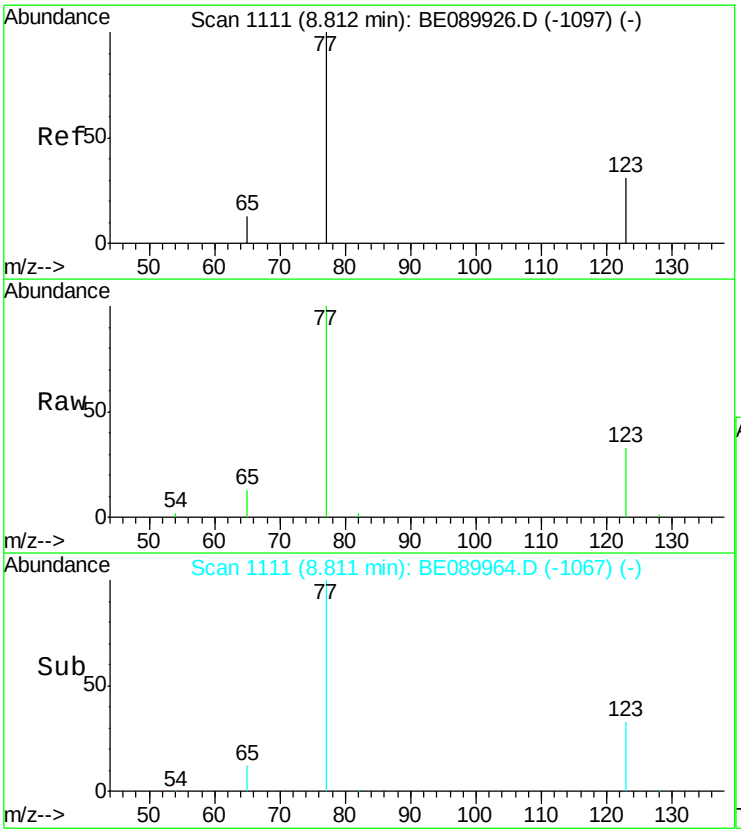
#7
Nitrobenzene-d5
Concen: 0.81 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 6611

Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.6	38.4
54	62.6	51.2	76.8

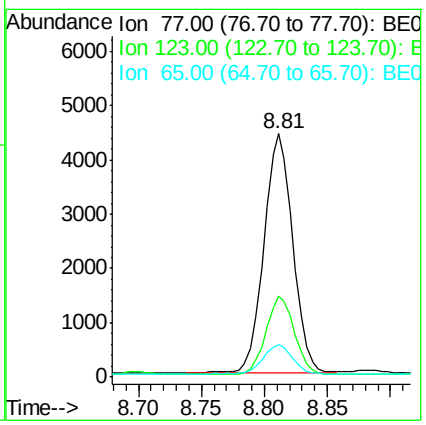


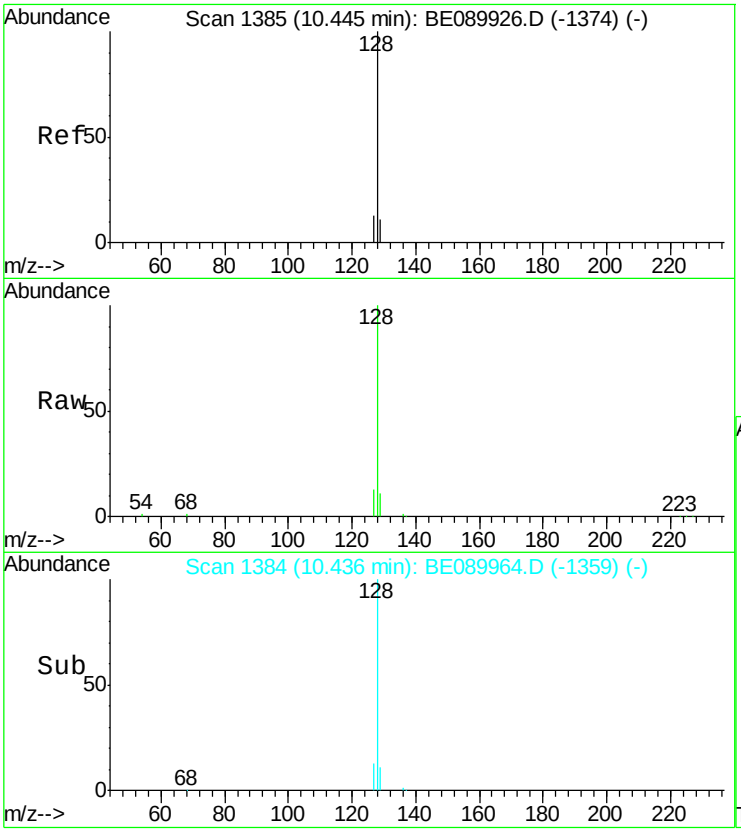


#8
Nitrobenzene
Concen: 0.82 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion: 77 Resp: 7086

Ion	Ratio	Lower	Upper
77	100		
123	32.3	26.6	39.8
65	12.5	10.2	15.4



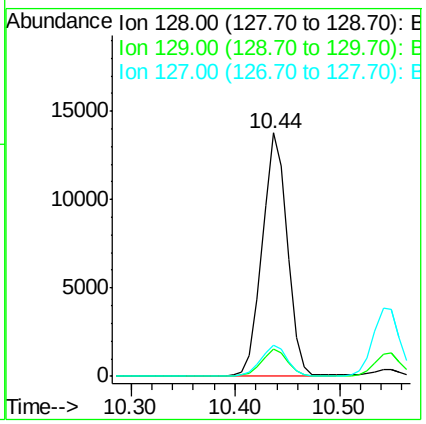


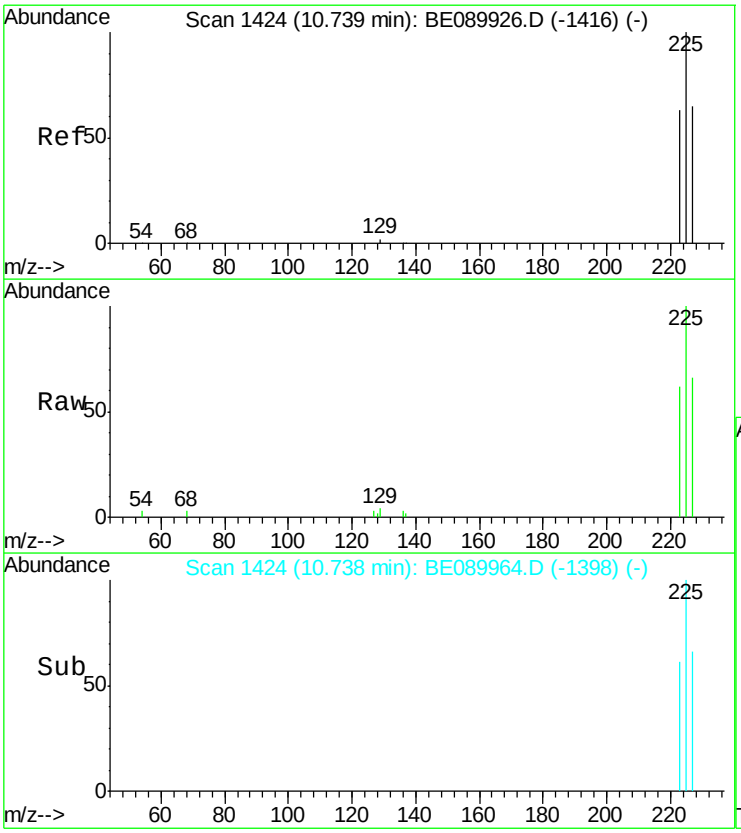
#9
Naphthalene
Concen: 0.93 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 22617

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.0	10.2	15.4

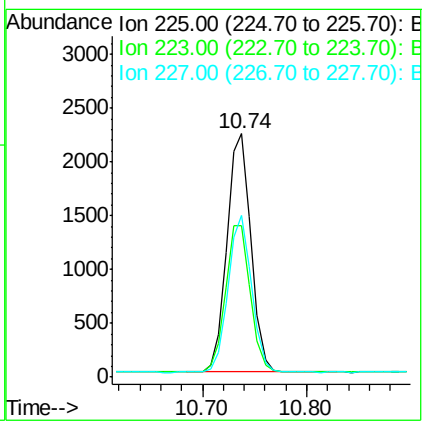


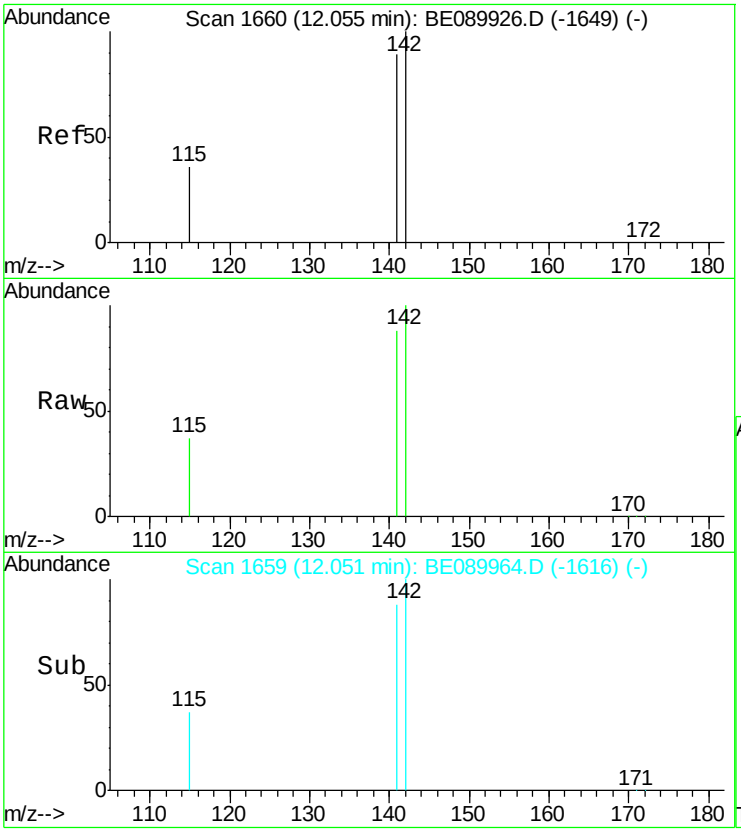


#10
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:225 Resp: 3571

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	64.3	50.7	76.1



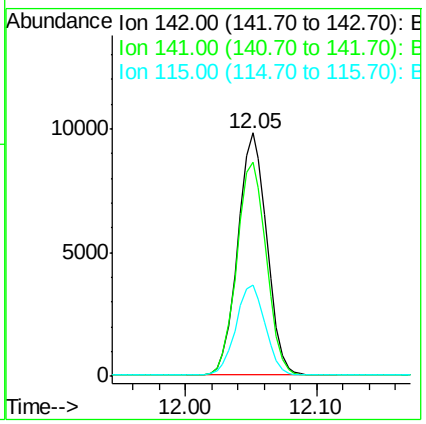


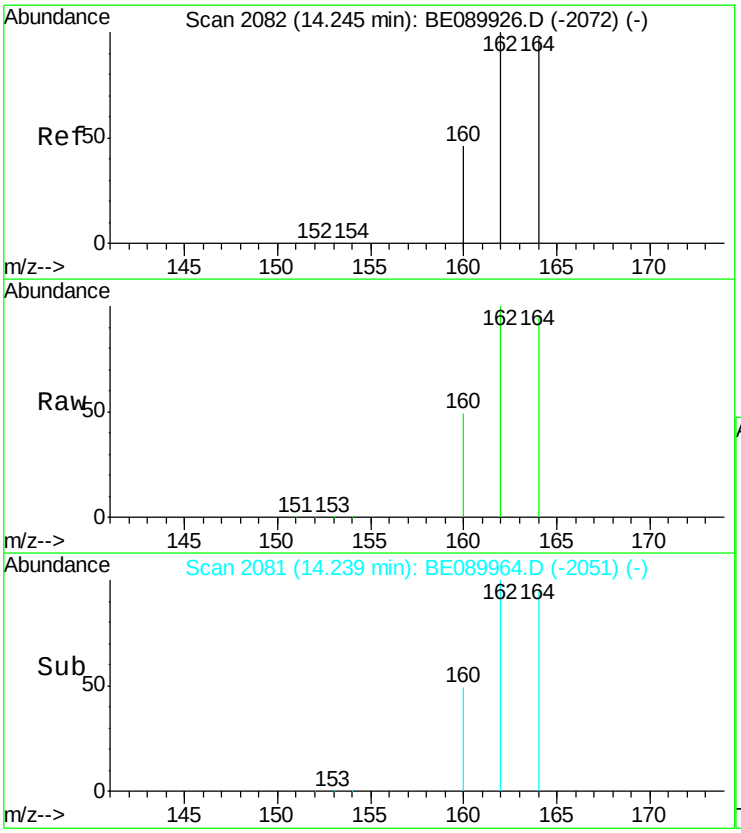
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 14982

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	37.3	29.1	43.7

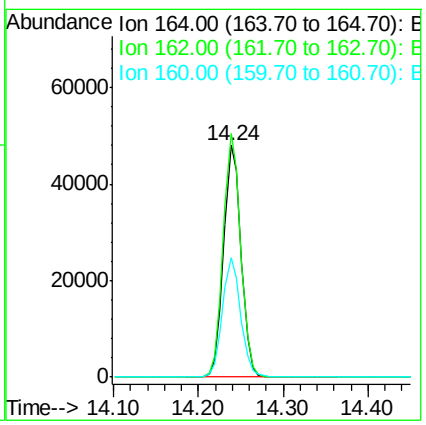


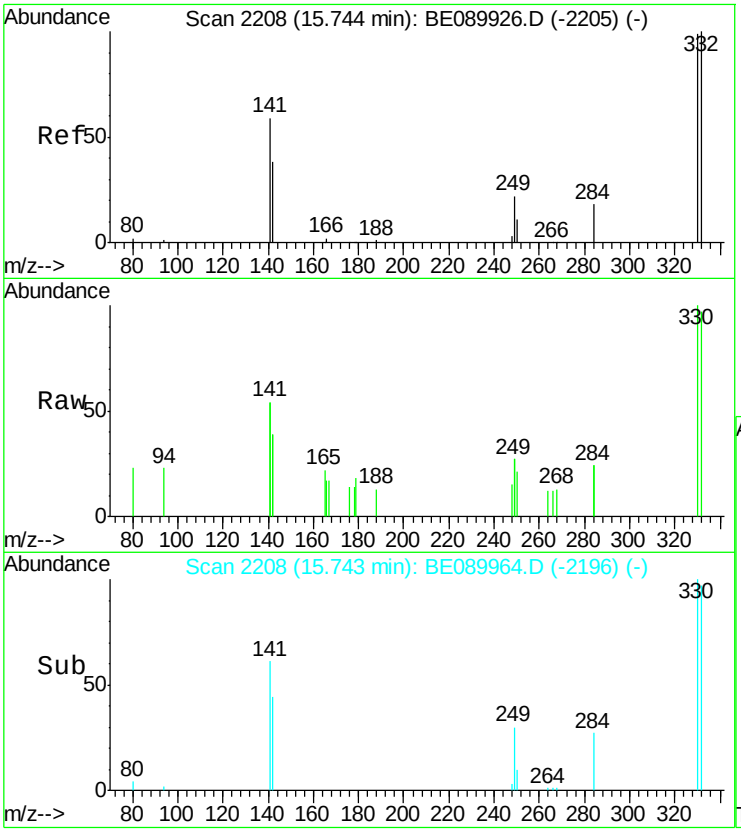


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:164 Resp: 68234

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.7	124.1
160	51.5	38.3	57.5



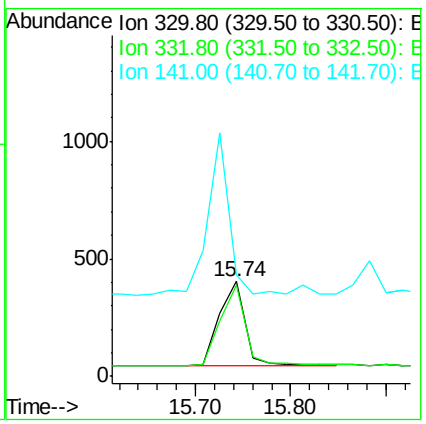


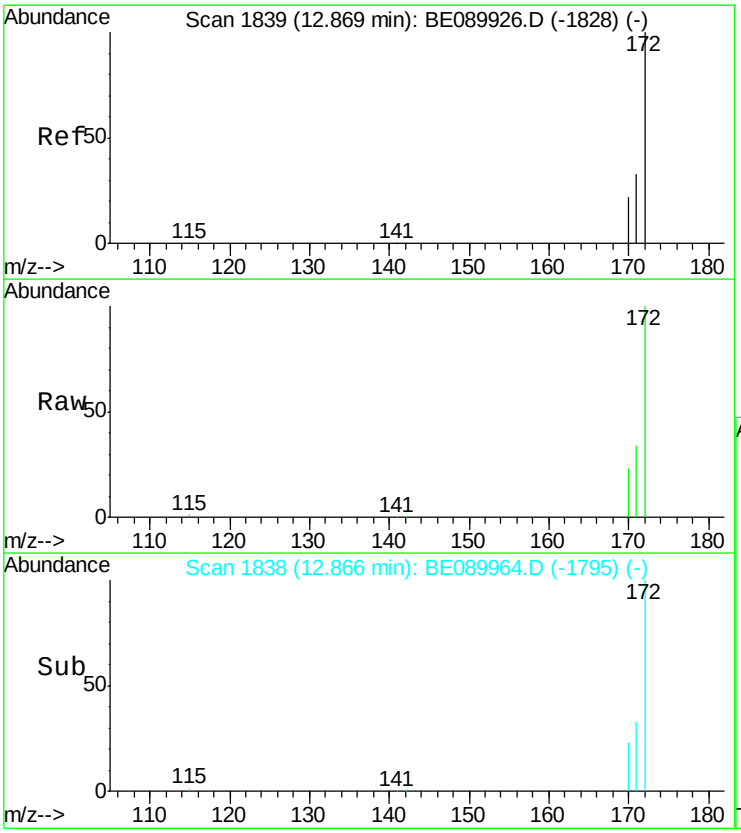
#13
2,4,6-Tribromophenol
Concen: 0.85 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 674

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.9	116.9
141	163.9	142.8	214.2

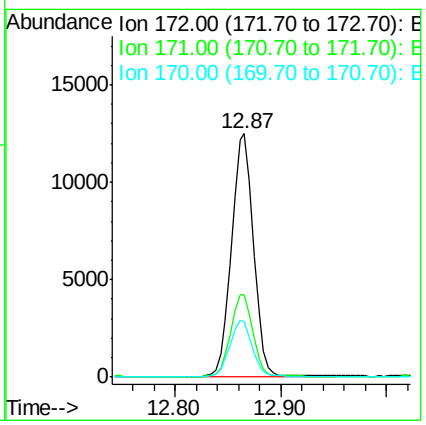


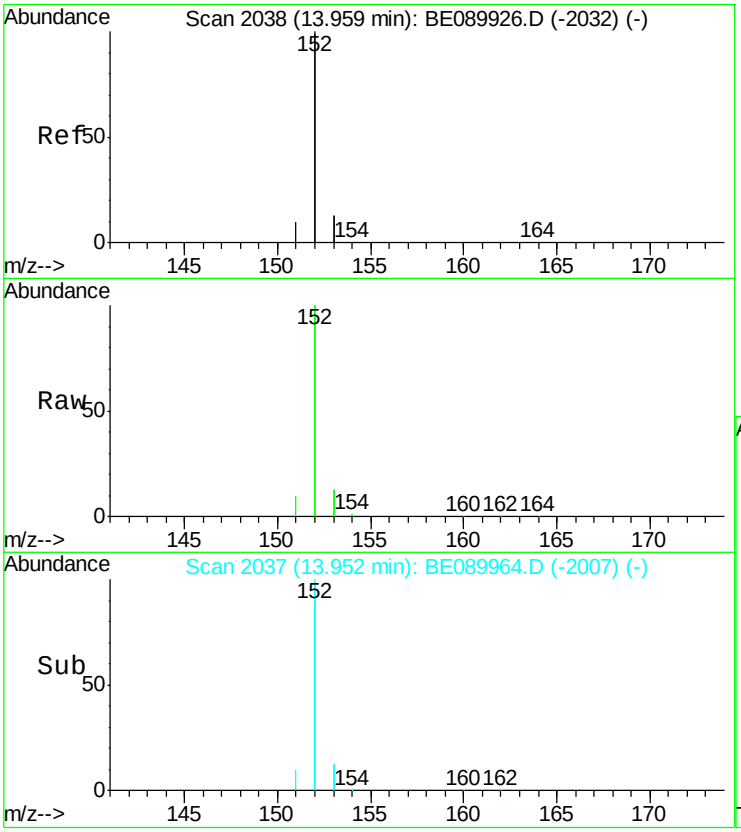


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:172 Resp: 17860

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.7	40.1
170	23.0	17.5	26.3



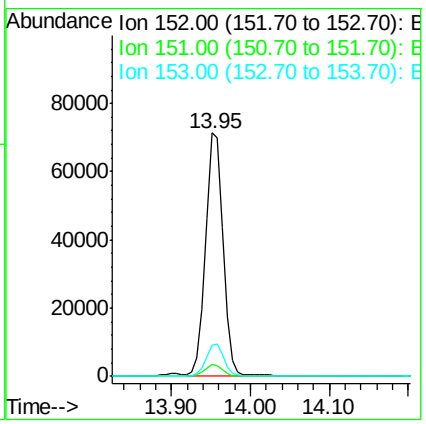


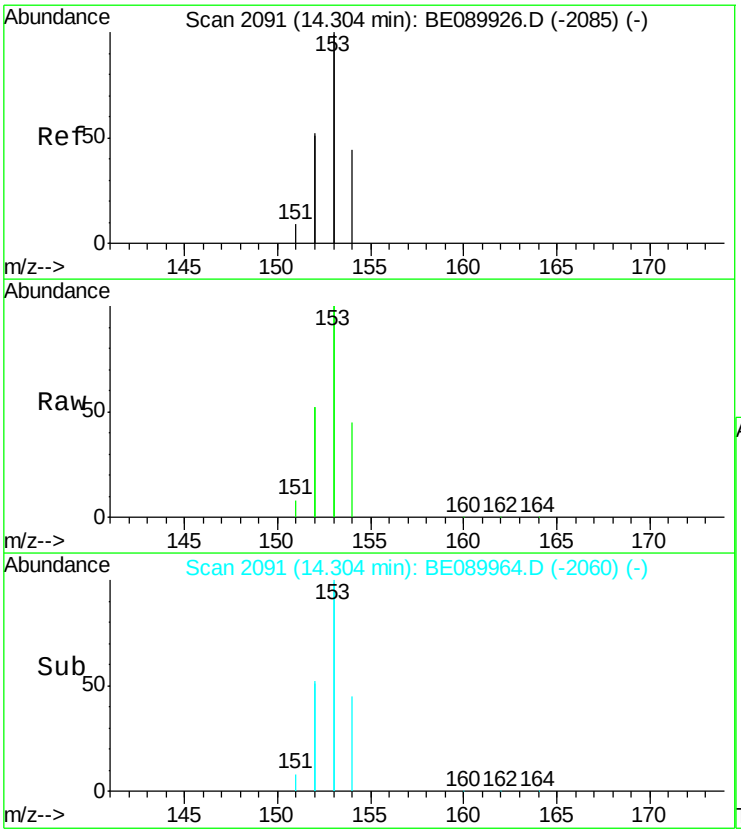
#15
Acenaphthylene
Concen: 0.91 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 109242

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

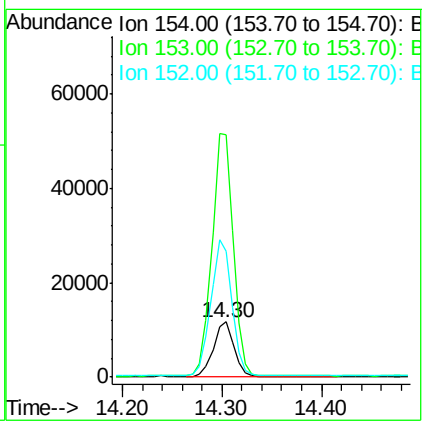


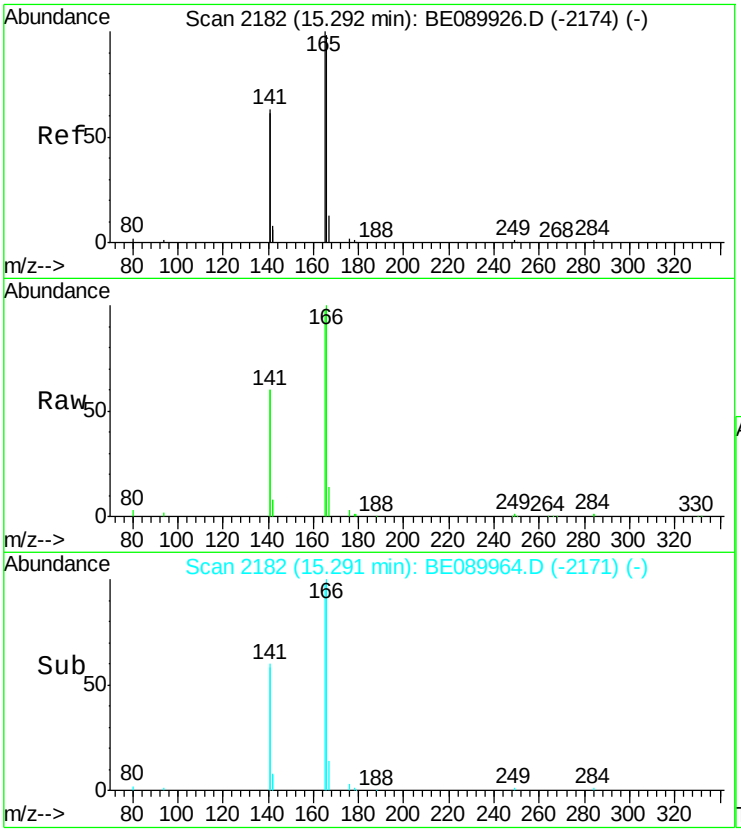


#16
Acenaphthene
Concen: 0.95 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:154 Resp: 16624

Ion	Ratio	Lower	Upper
154	100		
153	455.2	362.8	544.2
152	251.4	194.6	291.8



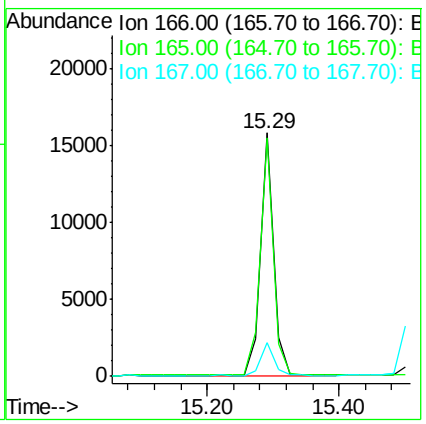


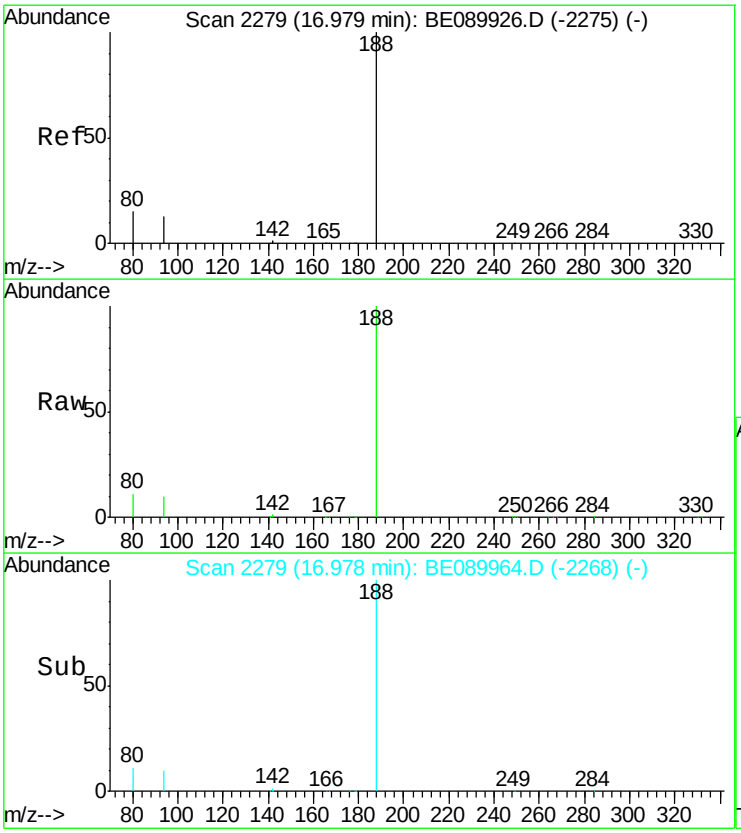
#17
Fluorene
Concen: 0.99 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 21789

Ion	Ratio	Lower	Upper
166	100		
165	98.4	81.1	121.7
167	14.4	11.8	17.8

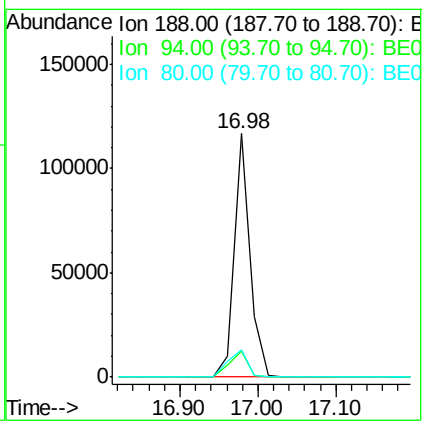


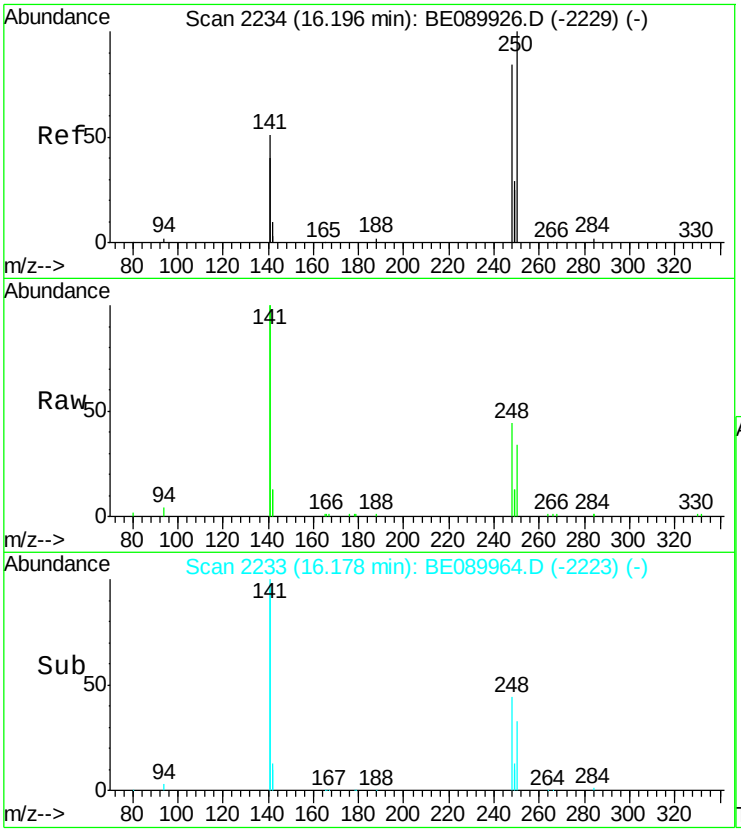


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:188 Resp: 165190

Ion	Ratio	Lower	Upper
188	100		
94	10.4	10.6	16.0#
80	11.4	11.8	17.6#



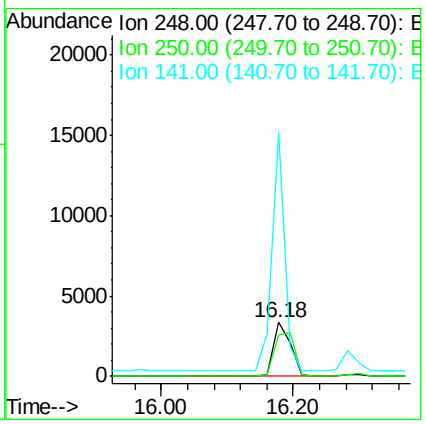


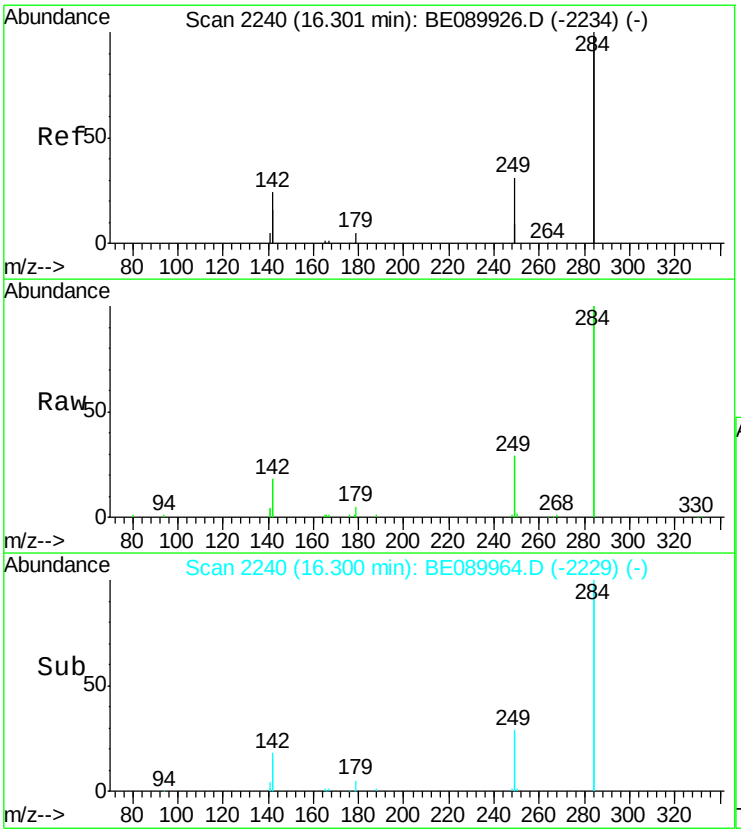
#19
4-Bromophenyl-phenylether
Concen: 0.86 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 5776

Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.3	118.9
141	338.6	274.1	411.1

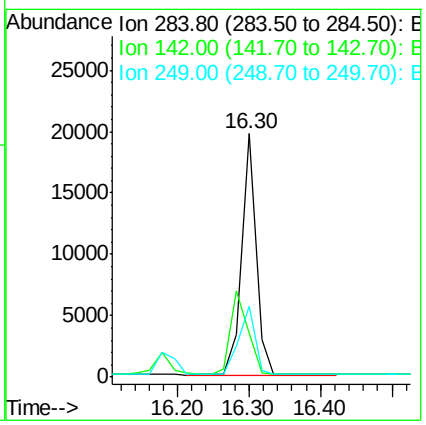


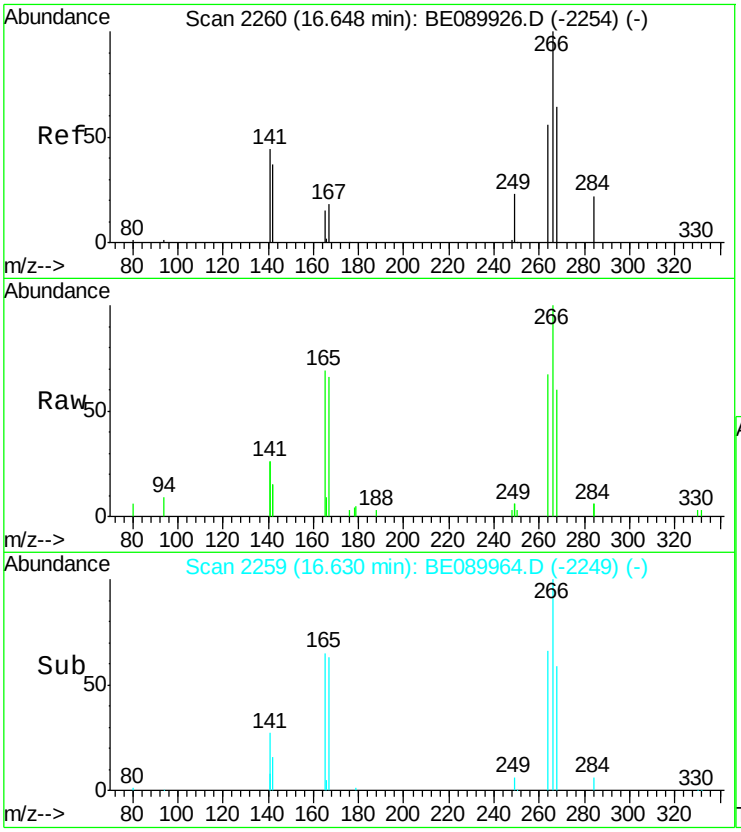


#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:284 Resp: 27089

Ion	Ratio	Lower	Upper
284	100		
142	40.5	32.0	48.0
249	32.1	25.0	37.6



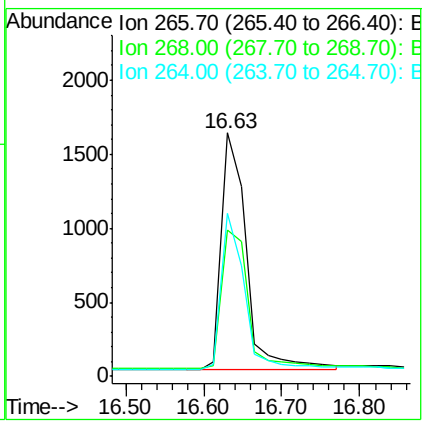


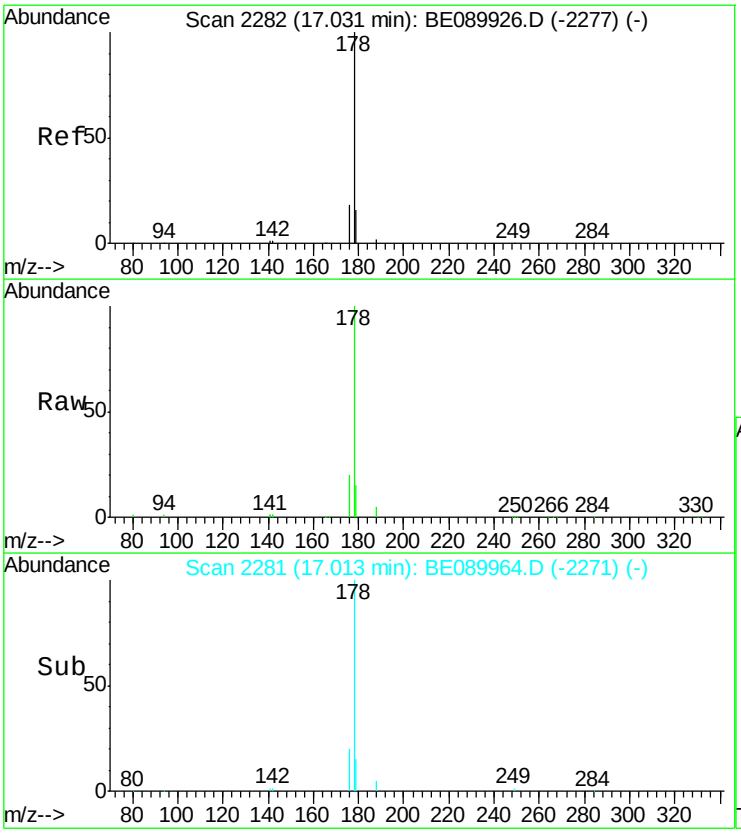
#21
Pentachlorophenol
Concen: 2.48 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 3501

Ion	Ratio	Lower	Upper
266	100		
268	60.1	54.4	81.6
264	67.1	48.2	72.2

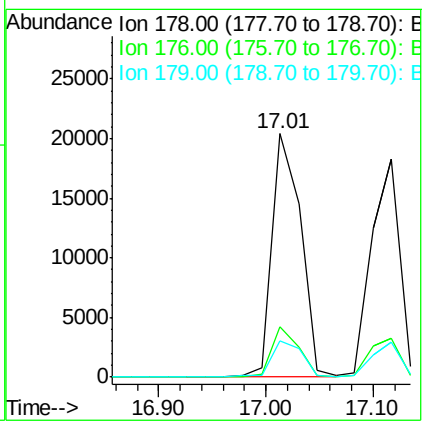


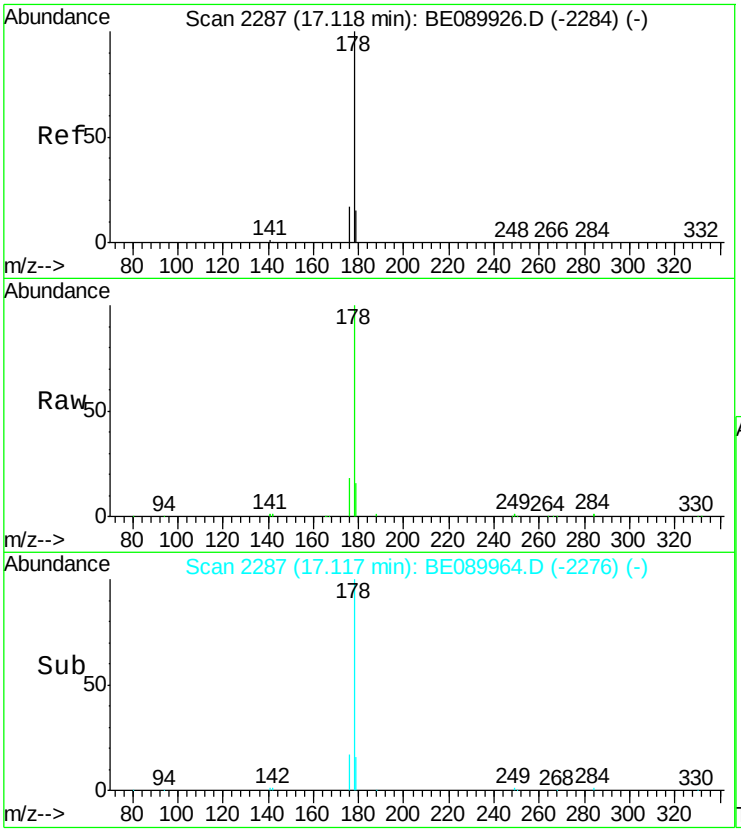


#22
Phenanthrene
Concen: 0.91 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:178 Resp: 37803

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



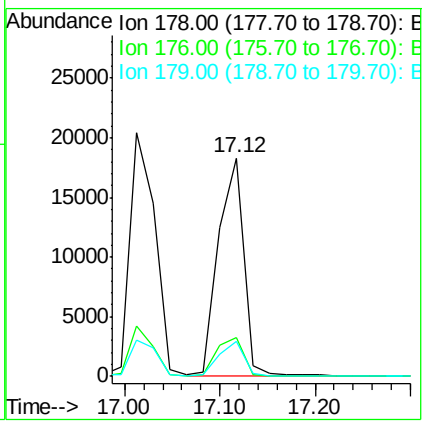


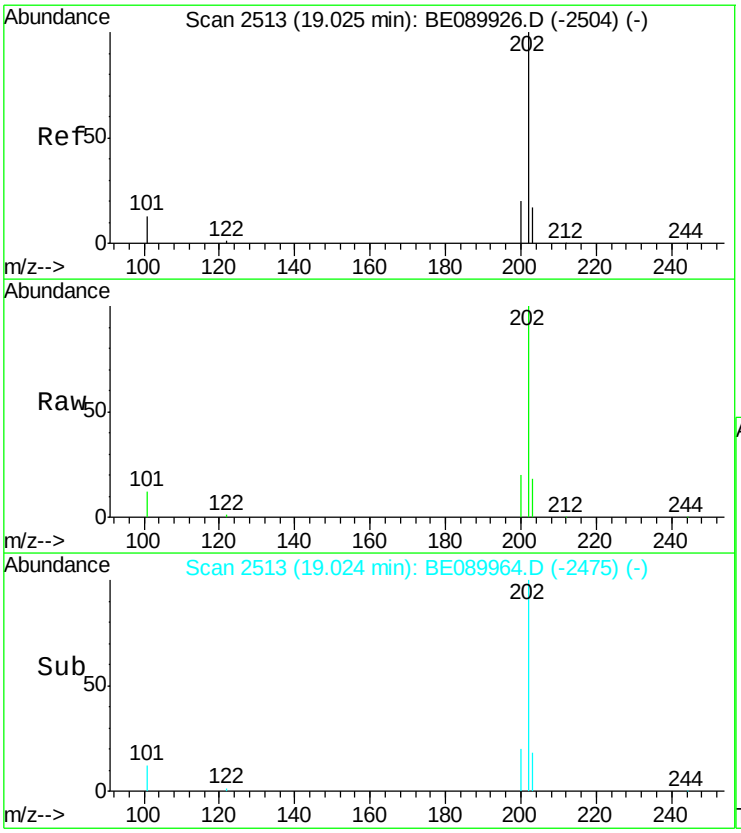
#23
Anthracene
Concen: 0.87 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 33412

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	12.3	18.5

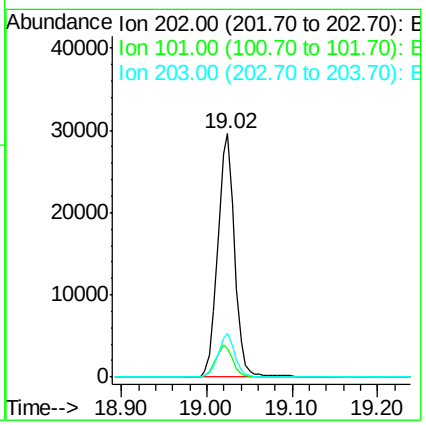


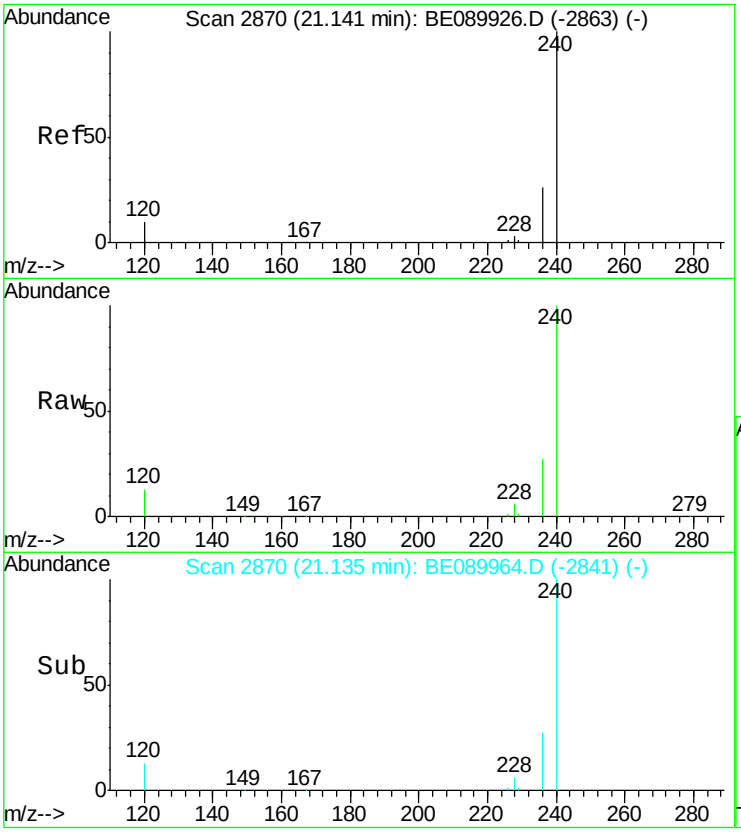


#24
Fluoranthene
Concen: 0.88 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:202 Resp: 39618

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
203	17.3	13.8	20.8



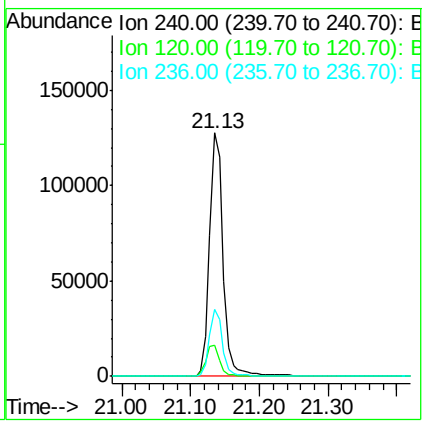


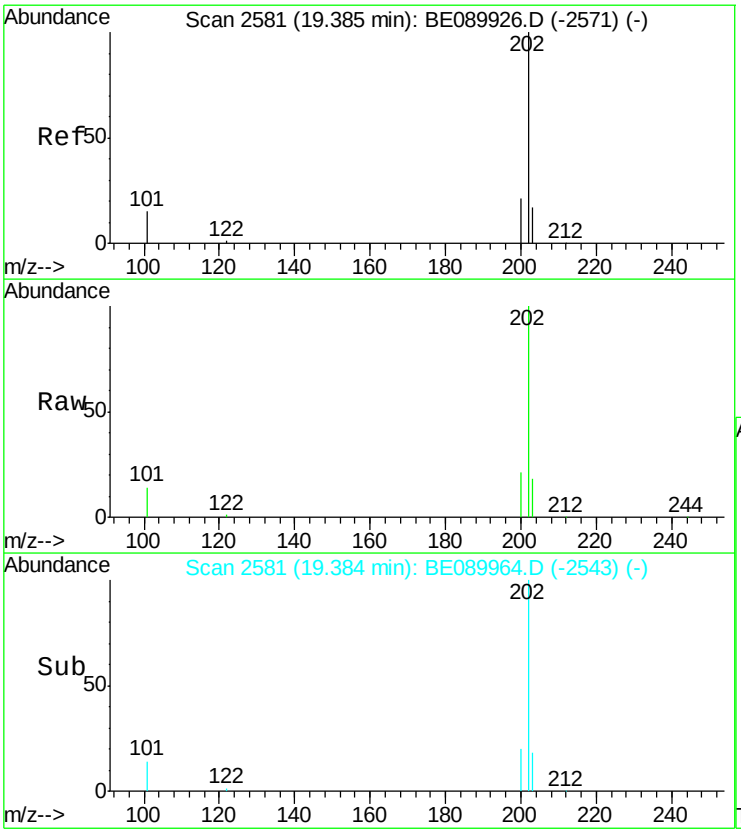
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 175831

Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.9	11.9#
236	27.3	21.2	31.8

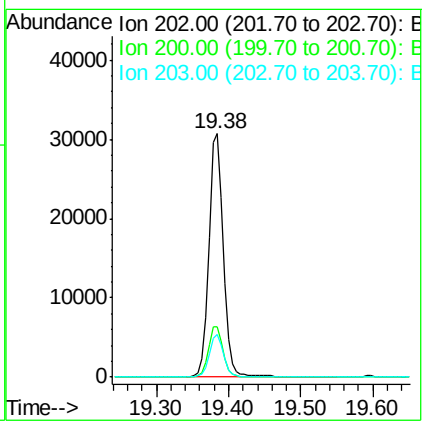


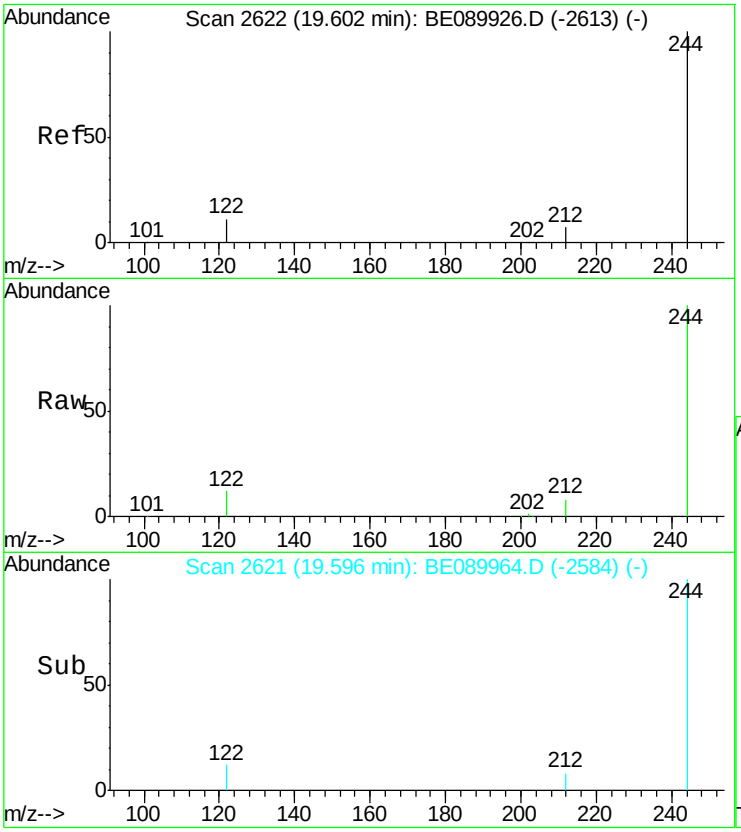


#26
Pyrene
Concen: 0.94 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:202 Resp: 41751

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.2	13.9	20.9



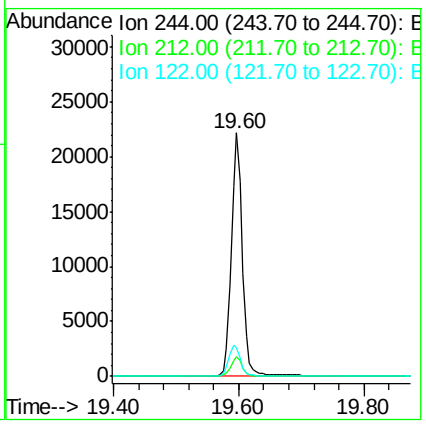


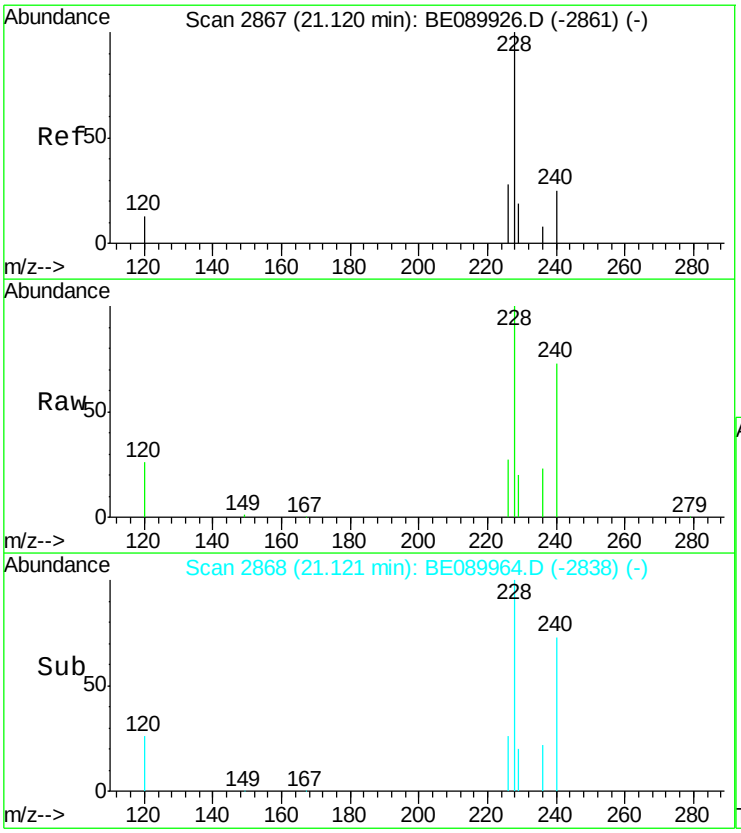
#27
Terphenyl-d14
Concen: 0.89 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 27131

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.0	8.7	13.1

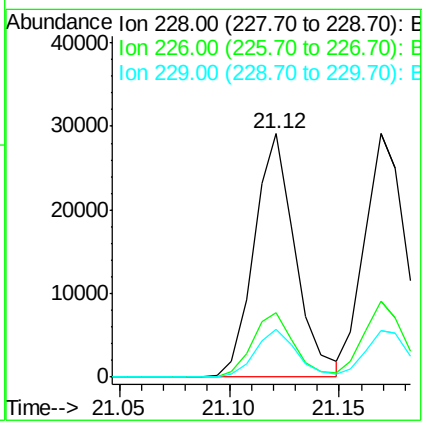


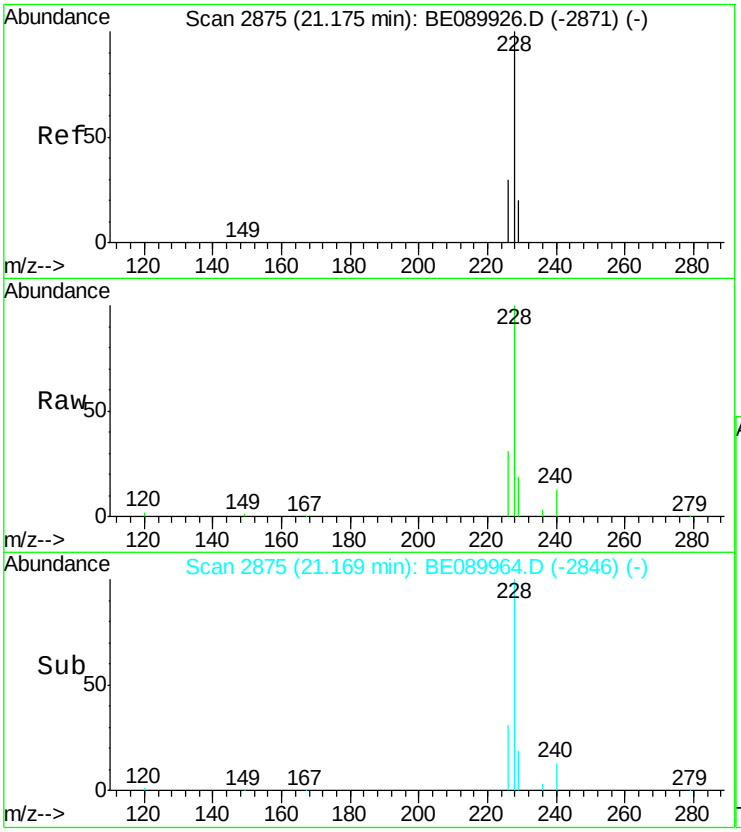


#28
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:228 Resp: 37840

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.2	33.4
229	19.8	15.3	22.9



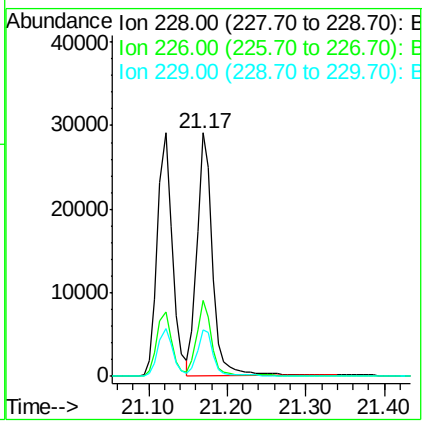


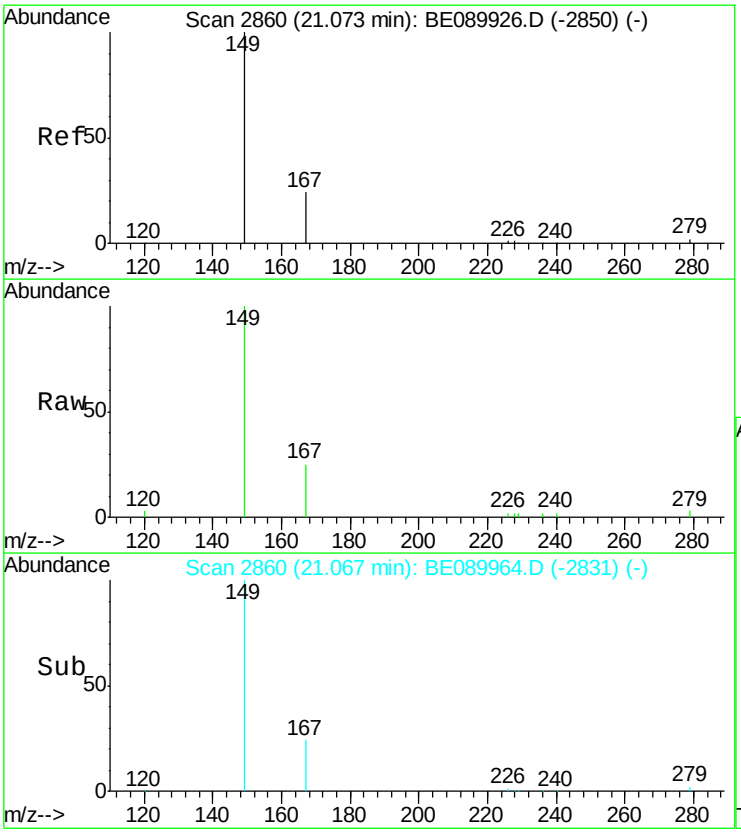
#29
Chrysene
Concen: 0.87 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 40016

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	19.3	15.8	23.8

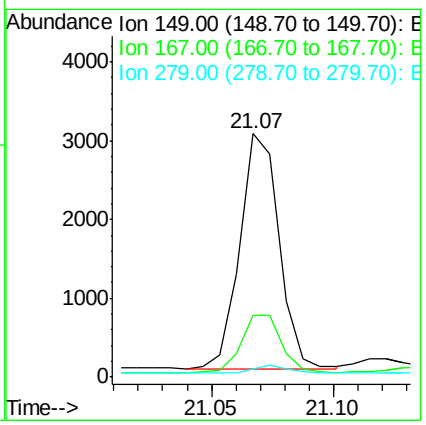


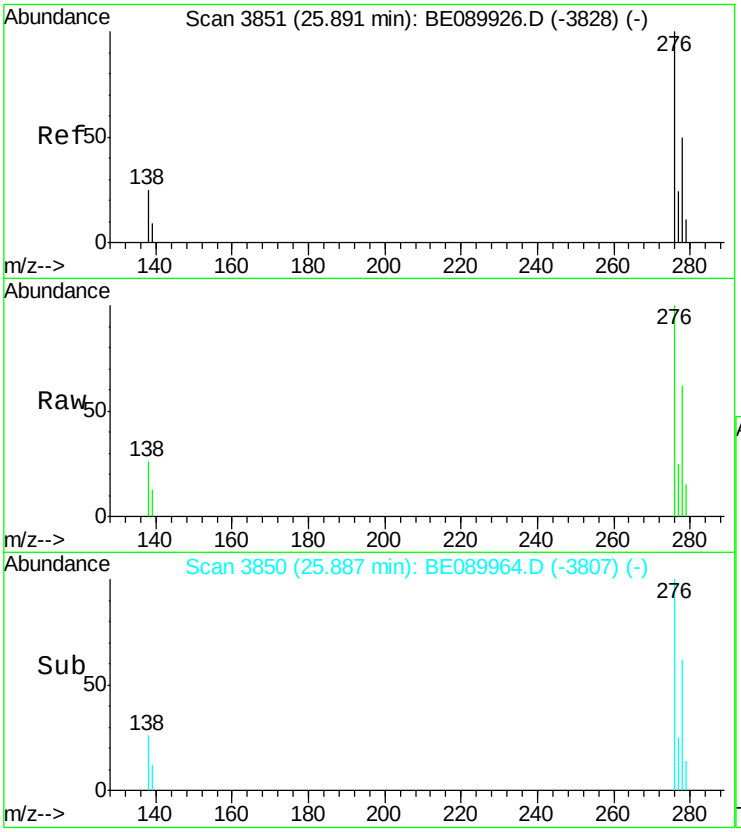


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.92 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:149 Resp: 3310

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	3.2	2.7	4.1



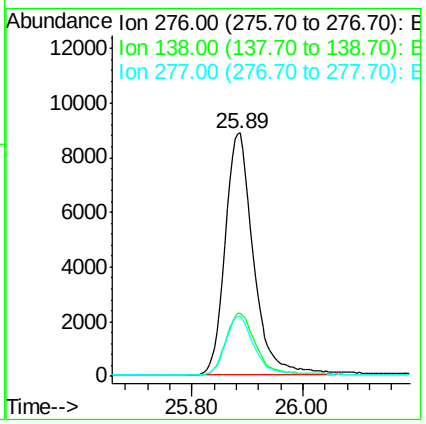


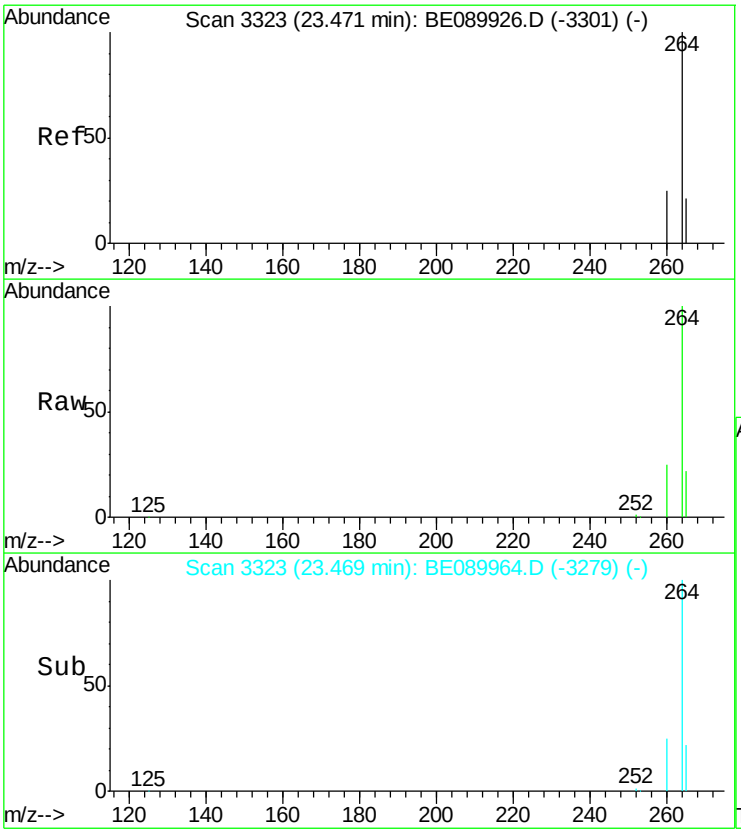
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 25.89 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 31416

Ion	Ratio	Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	24.7	0.0	0.0#

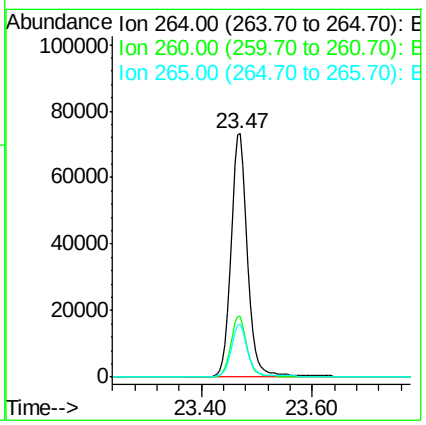


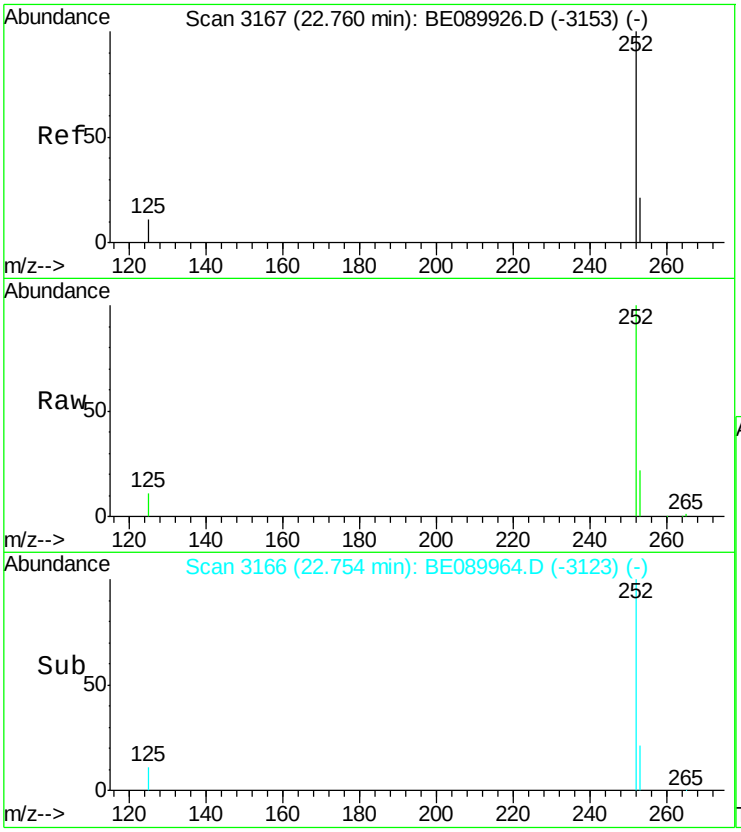


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:264 Resp: 149003

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.8	17.3	25.9



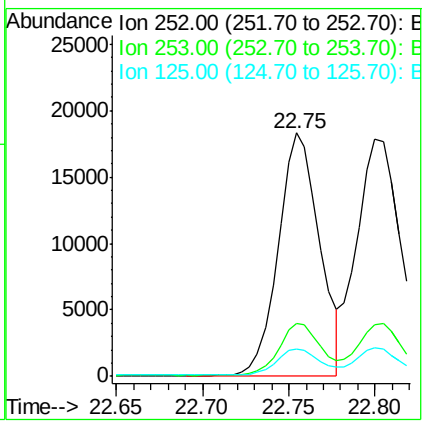


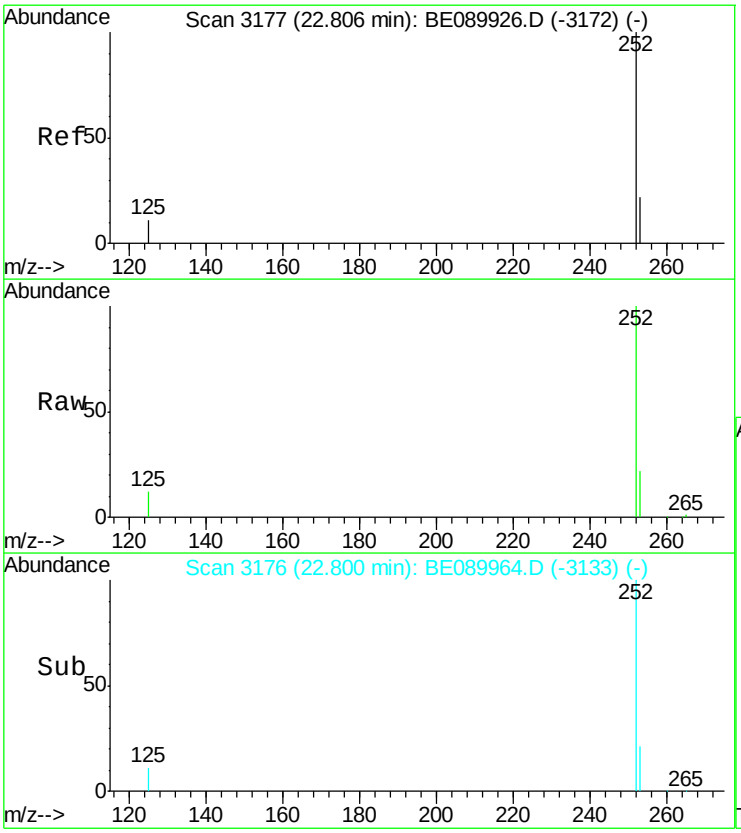
#33
Benzo(b)fluoranthene
Concen: 0.96 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 30175

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.5	9.3	13.9

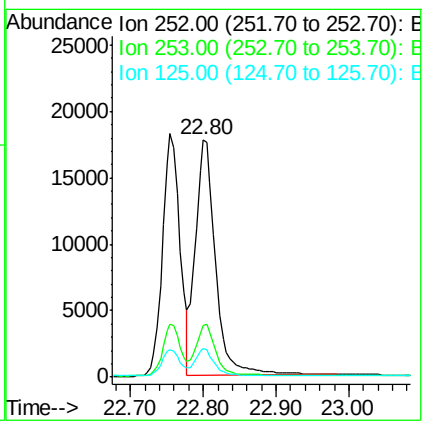


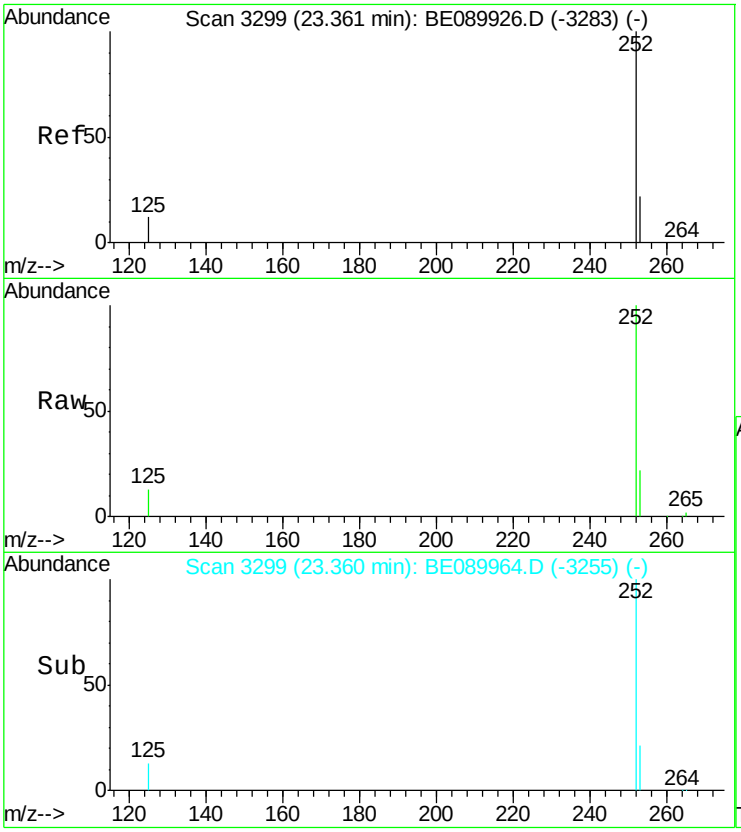


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:252 Resp: 34138

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.9	9.2	13.8



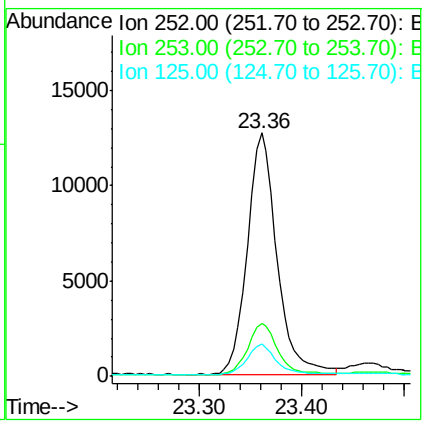


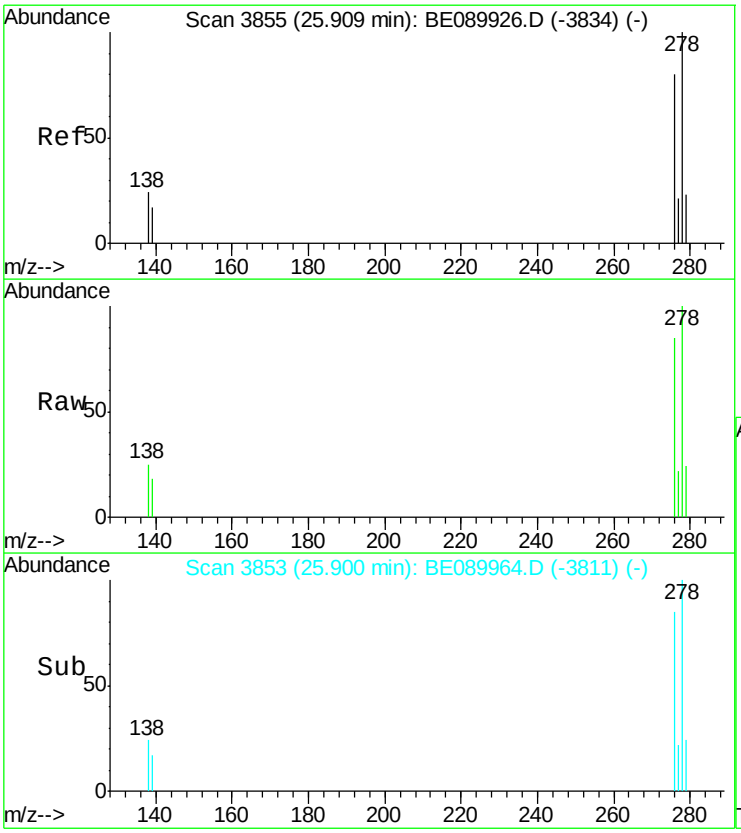
#35
Benzo(a)pyrene
Concen: 0.91 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 25539

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	13.3	10.3	15.5

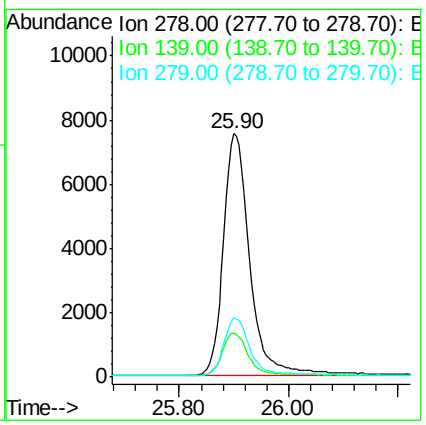


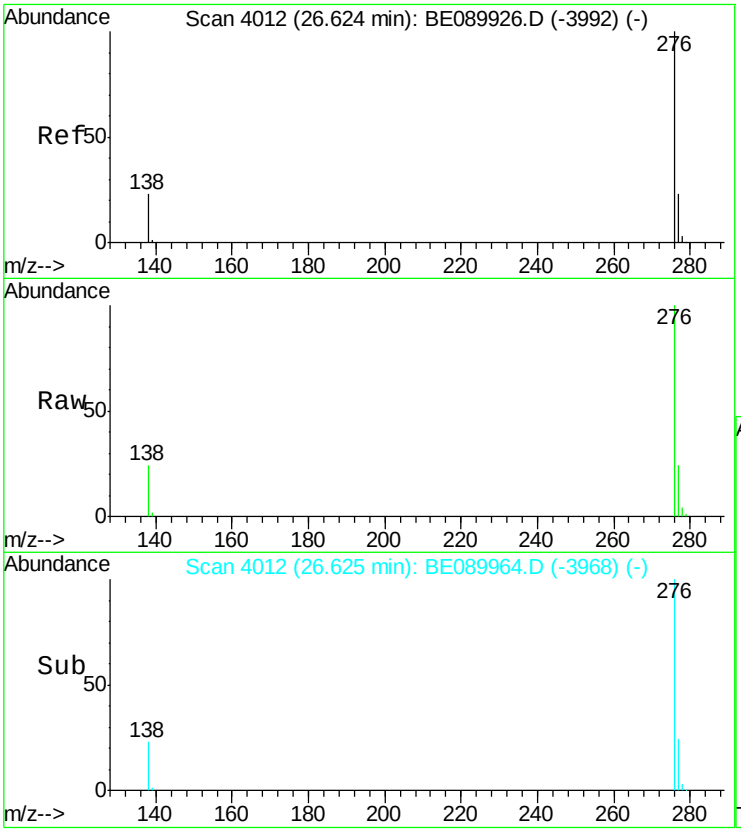


#36
Dibenzo(a,h)anthracene
Concen: 0.96 ng
RT: 25.90 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Tgt Ion:278 Resp: 25076

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.1	21.1
279	24.4	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.93 ng
RT: 26.62 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089964.D
Acq: 27 Jun 2015 7:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 26134

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.0	18.8	28.2