Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
Data File : BE089933.D
Acq On : 24 Jun 2015 14:30
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Jun 25 03:45:05 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 09:27:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29491	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	136189	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	83247	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	195463	5.00	ng		0.00
25) Chrysene-d12	21.14	240	219183	5.00	ng		0.00
32) Perylene-d12	23.47	264	192639	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	4420	0.83	ng		0.00
5) Phenol-d6	6.81	99	6938	0.85	ng		0.00
7) Nitrobenzene-d5	8.77	82	9047	0.89	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	737	0.80	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	21815	0.90	ng		0.00
27) Terphenyl-d14	19.60	244	33706	0.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	3327	0.93	ng		99
3) n-Nitrosodimethylamine	3.55	42	4723	0.89	ng	#	92
8) Nitrobenzene	8.81	77	9553	0.89	ng		100
9) Naphthalene	10.44	128	28054	0.93	ng		99
10) Hexachlorobutadiene	10.74	225	4436	0.93	ng		99
11) 2-Methylnaphthalene	12.06	142	18479	0.89	ng		99
15) Acenaphthylene	13.96	152	134730	0.92	ng		100
16) Acenaphthene	14.30	154	20102	0.94	ng		98
17) Fluorene	15.29	166	26352	0.98	ng		99
19) 4-Bromophenyl-phenylether	16.20	248	7108	0.89	ng		98
20) Hexachlorobenzene	16.30	284	32352	0.93	ng		99
21) Pentachlorophenol	16.63	266	878	0.80	ng		90
22) Phenanthrene	17.03	178	45253	0.92	ng		100
23) Anthracene	17.12	178	41494	0.91	ng		99
24) Fluoranthene	19.02	202	49155	0.92	ng		100
26) Pyrene	19.38	202	50951	0.92	ng		100
28) Benzo(a)anthracene	21.12	228	47332	0.90	ng		99
29) Chrysene	21.17	228	50991	0.89	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	3506	0.79	ng		100
31) Indeno(1,2,3-cd)pyrene	25.88	276	38852	0.92	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	38460	0.94	ng		99
34) Benzo(k)fluoranthene	22.80	252	42429	0.92	ng		100
35) Benzo(a)pyrene	23.36	252	32869	0.91	ng		99
36) Dibenzo(a,h)anthracene	25.91	278	30525	0.91	ng		99
37) Benzo(g,h,i)perylene	26.62	276	33274	0.92	ng		100

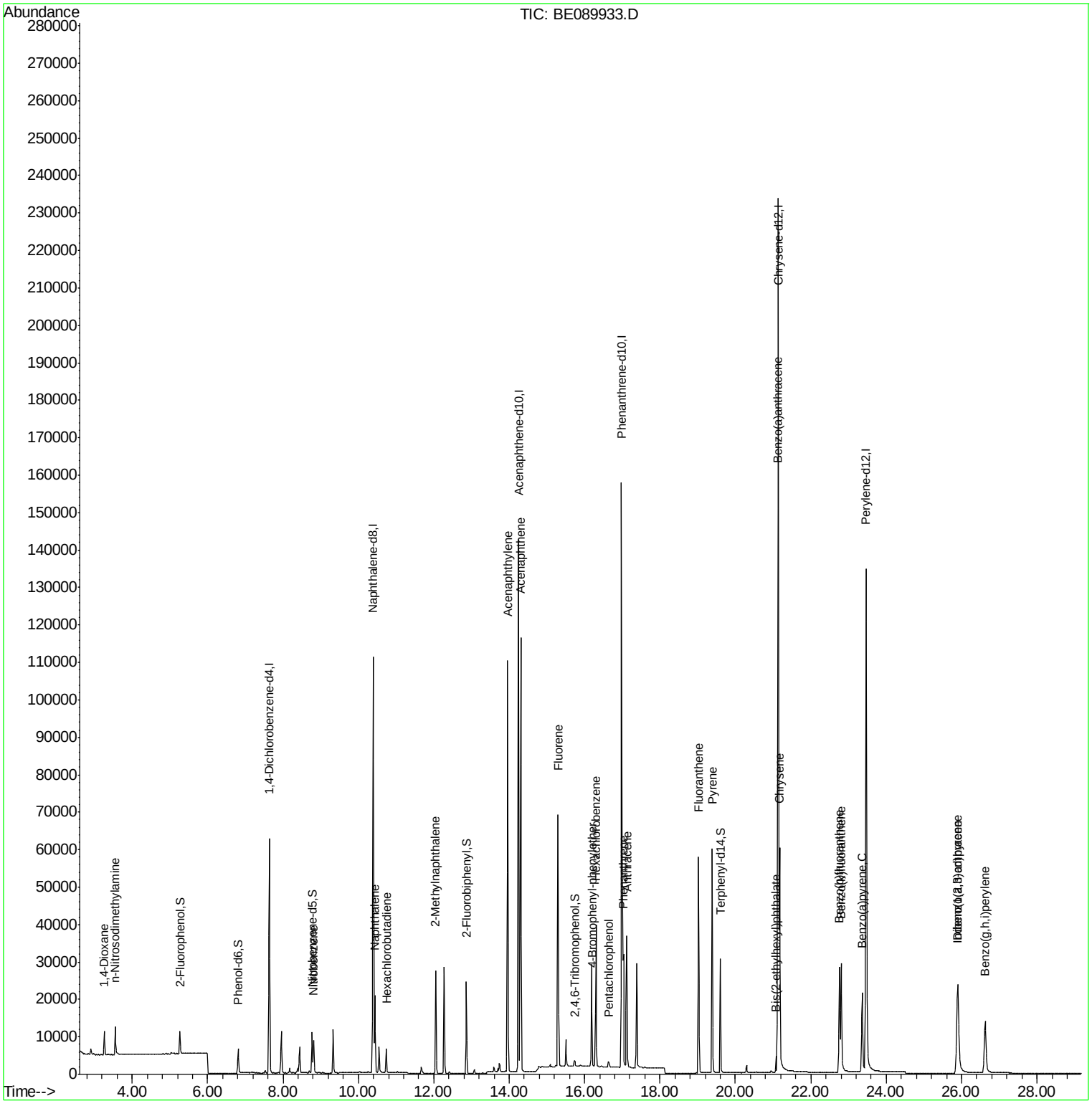
(#) = qualifier out of range (m) = manual integration (+) = signals summed

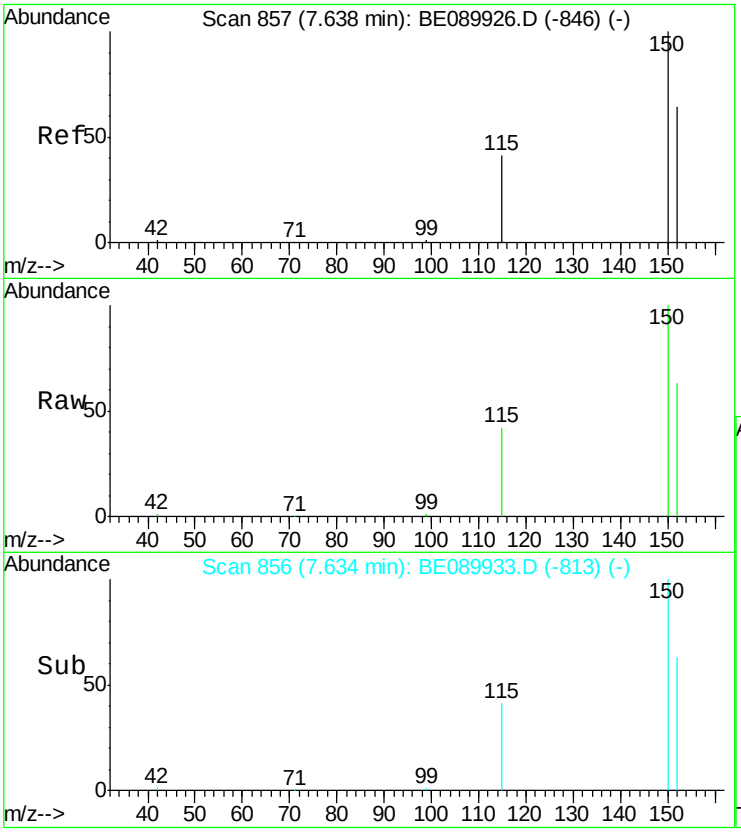
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
Data File : BE089933.D
Acq On : 24 Jun 2015 14:30
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Jun 25 03:45:05 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 09:27:42 2015
Response via : Initial Calibration



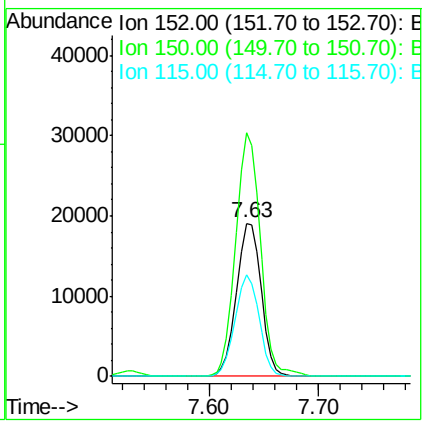


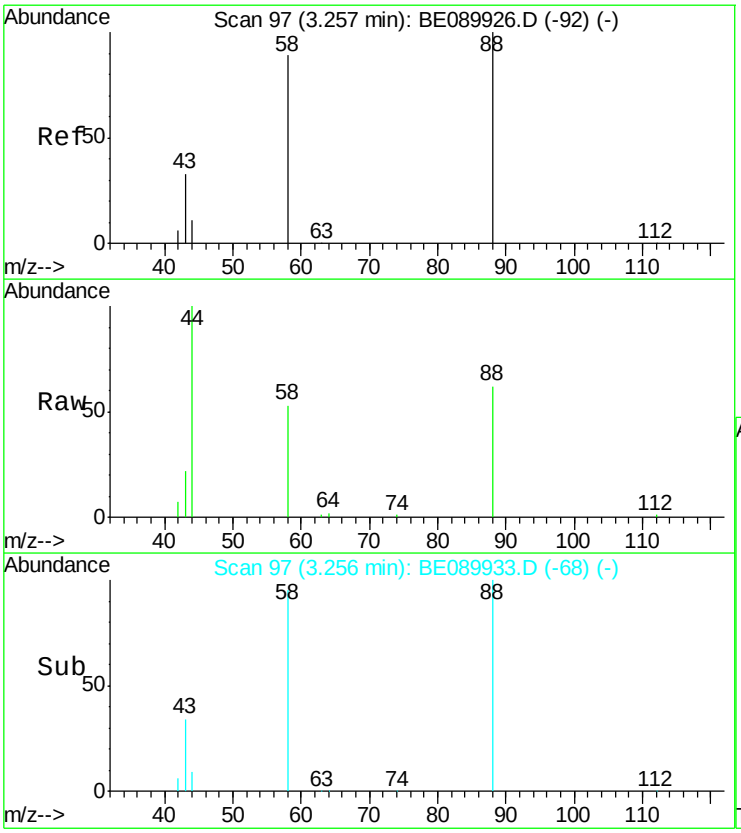
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 29491

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	66.1	51.6	77.4

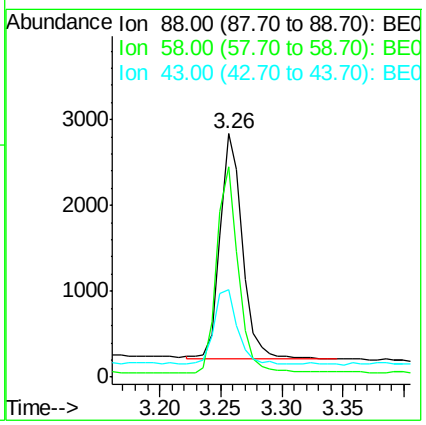


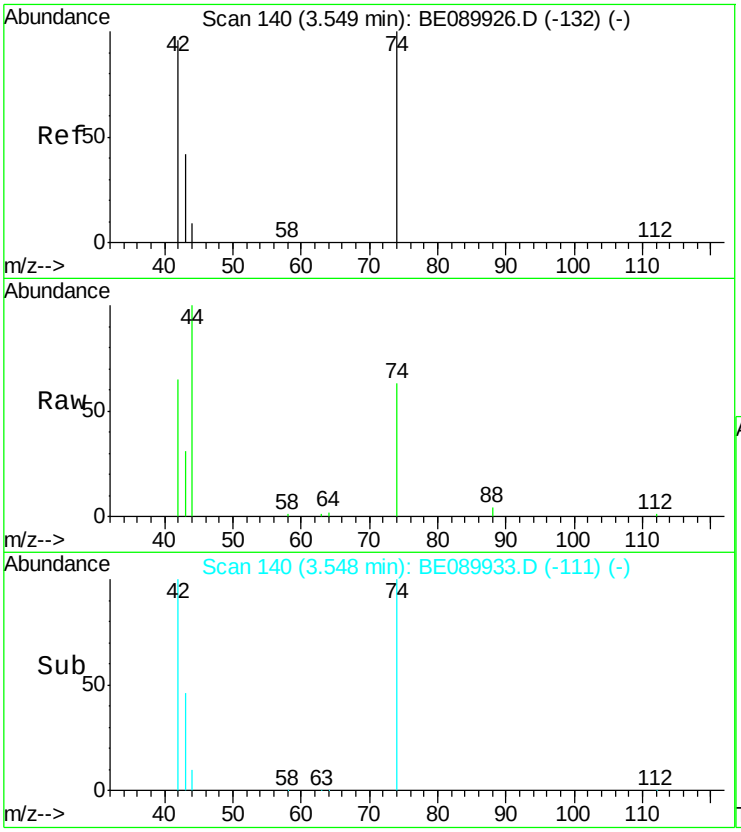


#2
1,4-Dioxane
Concen: 0.93 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion: 88 Resp: 3327

Ion	Ratio	Lower	Upper
88	100		
58	87.9	70.8	106.2
43	35.6	26.8	40.2



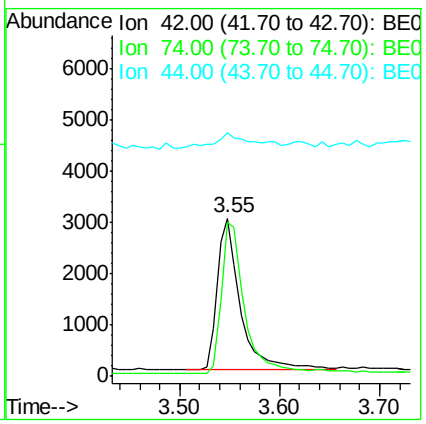


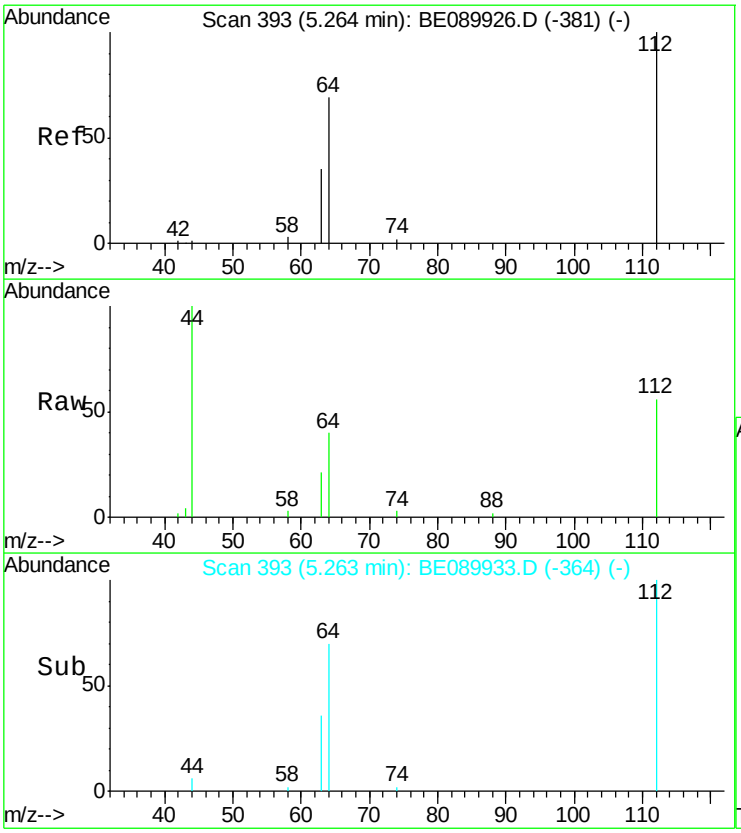
#3
n-Nitrosodimethylamine
Concen: 0.89 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 4723

Ion	Ratio	Lower	Upper
42	100		
74	98.8	85.4	128.2
44	16.4	8.4	12.6#

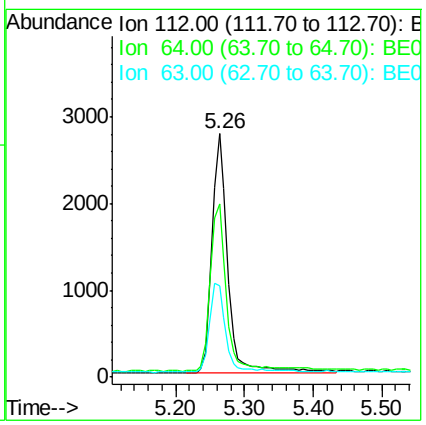


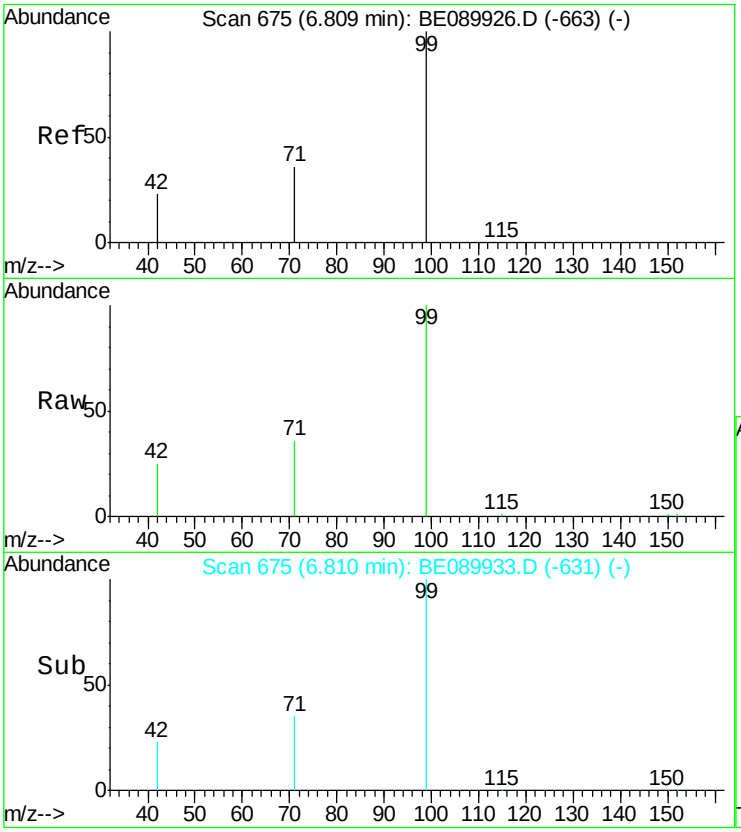


#4
2-Fluorophenol
Concen: 0.83 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:112 Resp: 4420

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.4	86.2
63	36.9	31.2	46.8



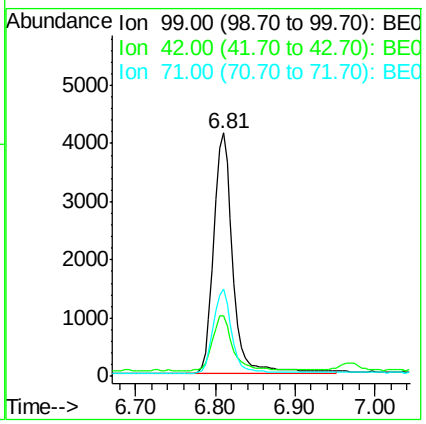


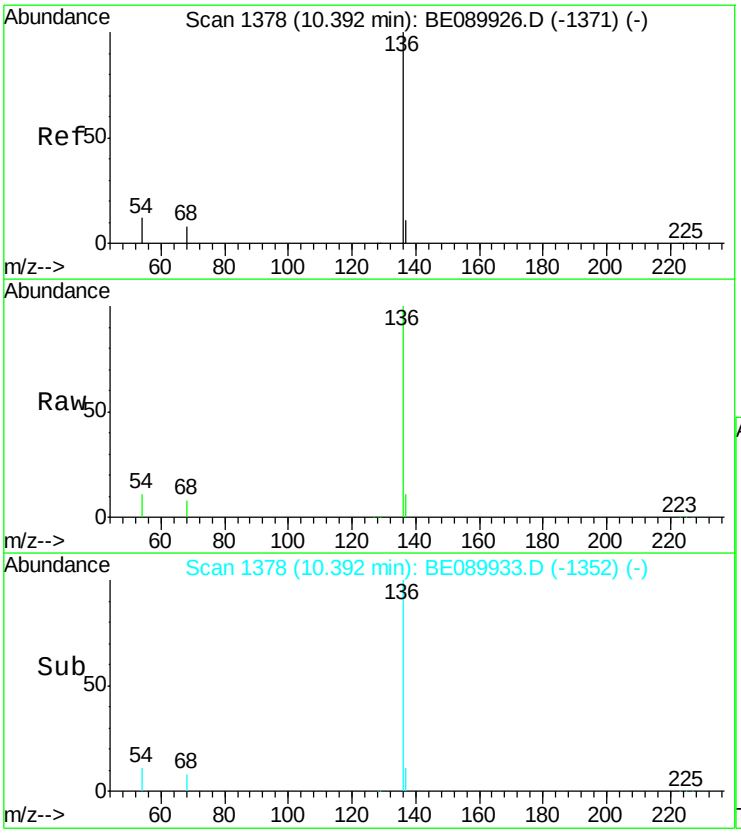
#5
Phenol-d6
Concen: 0.85 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 6938

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.5	29.3
71	33.7	27.8	41.6

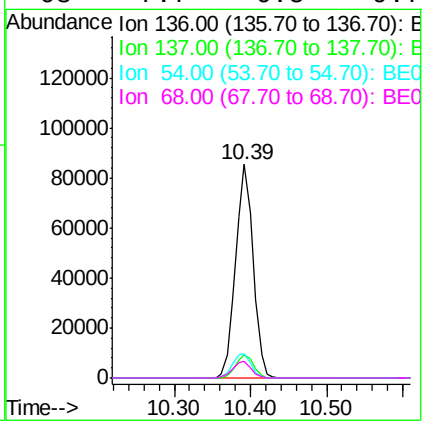


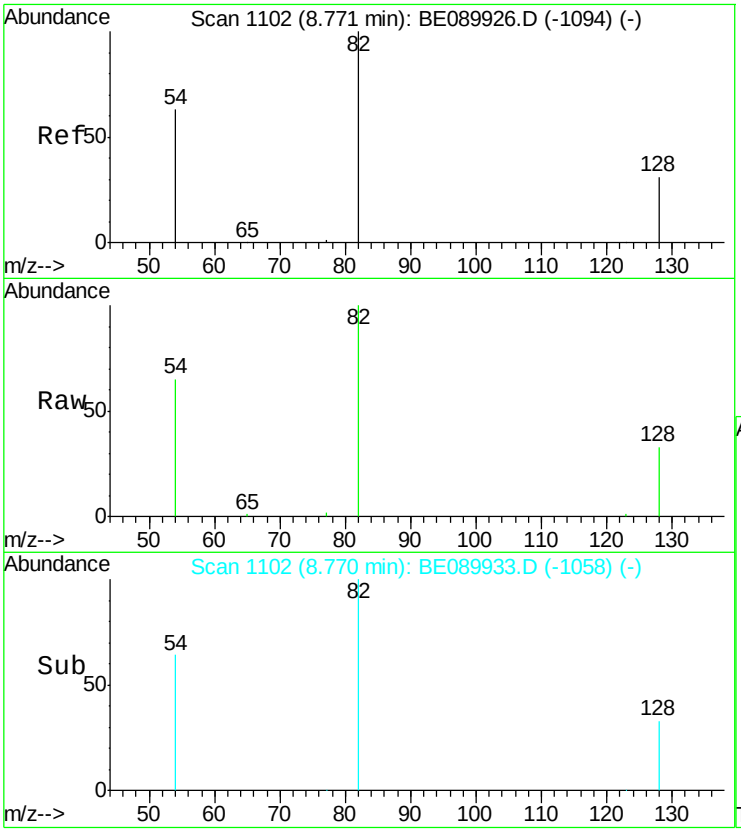


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:136 Resp: 136189

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.4	9.7	14.5
68	7.7	6.5	9.7



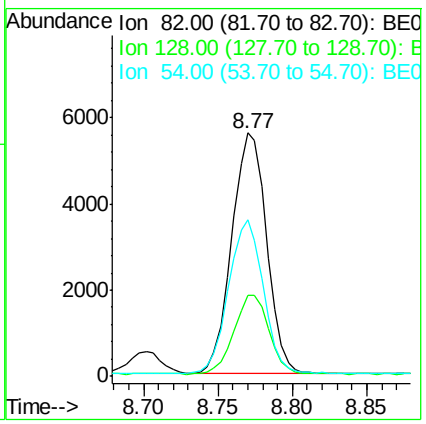


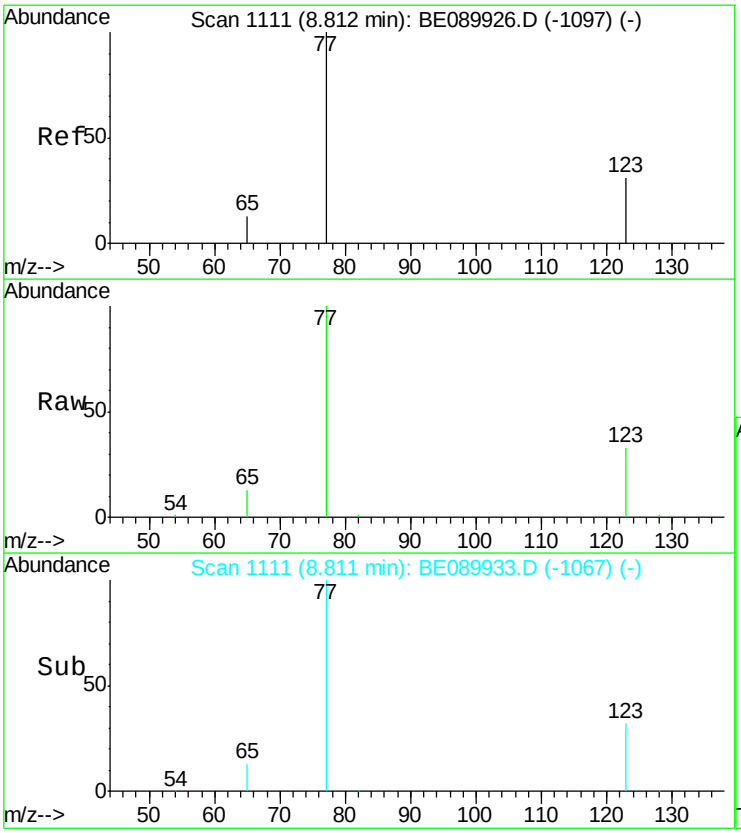
#7
Nitrobenzene-d5
Concen: 0.89 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 9047

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.6	38.4
54	64.5	51.2	76.8

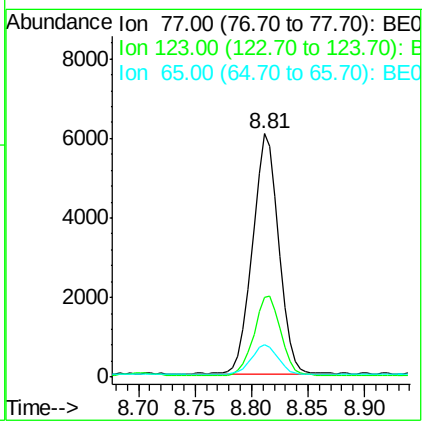


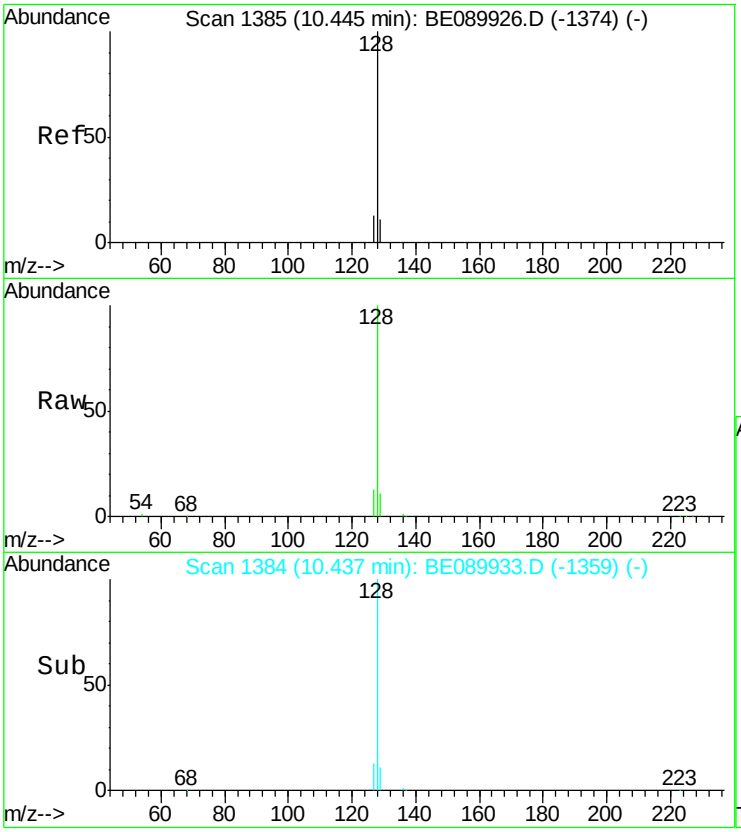


#8
Nitrobenzene
Concen: 0.89 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion: 77 Resp: 9553

Ion	Ratio	Lower	Upper
77	100		
123	33.5	26.6	39.8
65	12.7	10.2	15.4



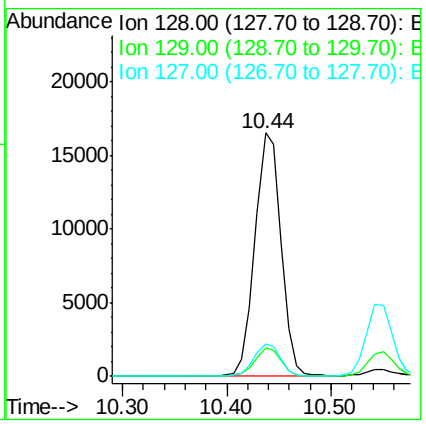


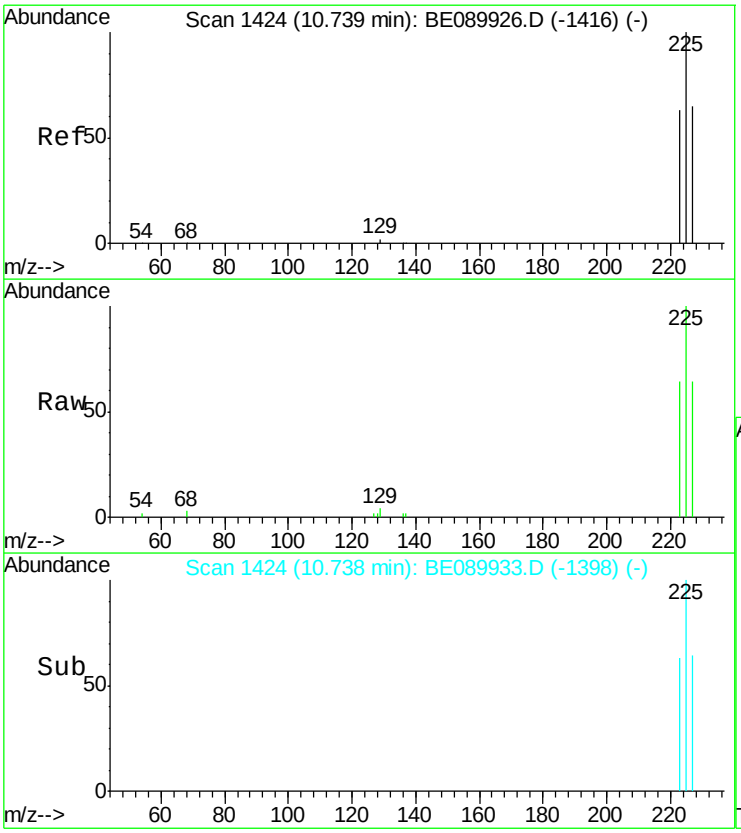
#9
Naphthalene
Concen: 0.93 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 28054

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.5	10.2	15.4

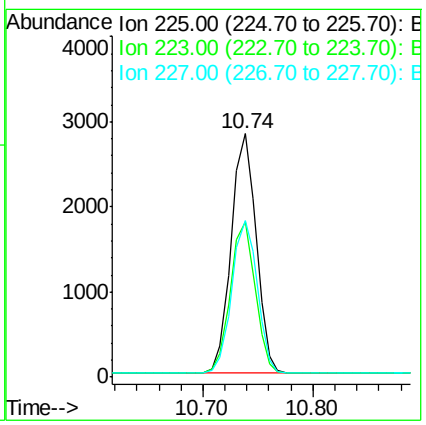


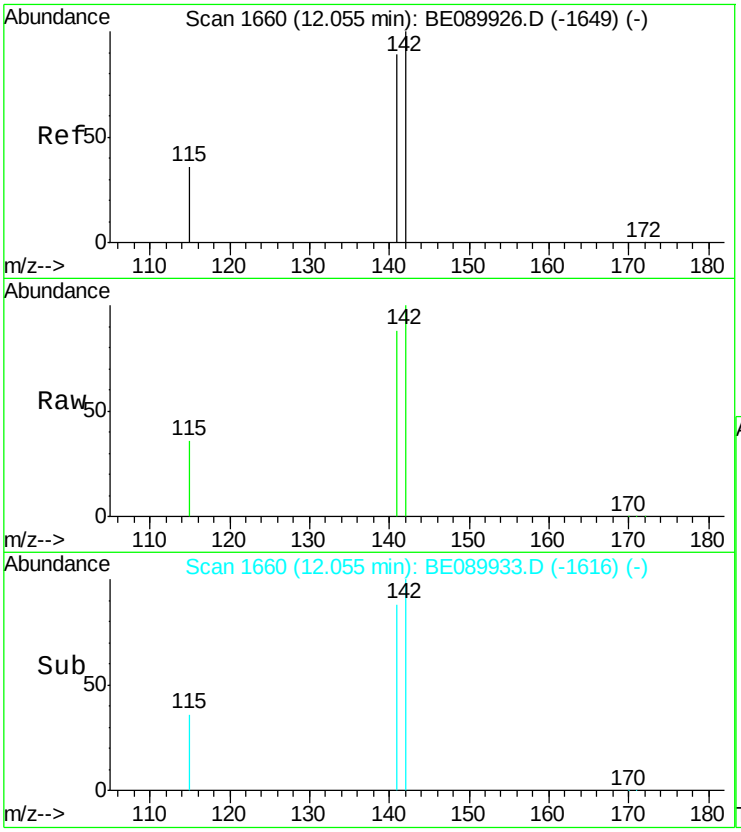


#10
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:225 Resp: 4436

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.0	75.0
227	64.9	50.7	76.1



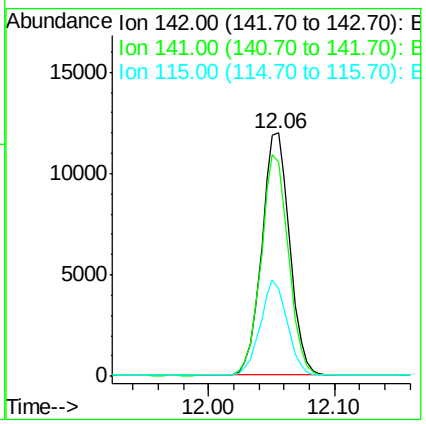


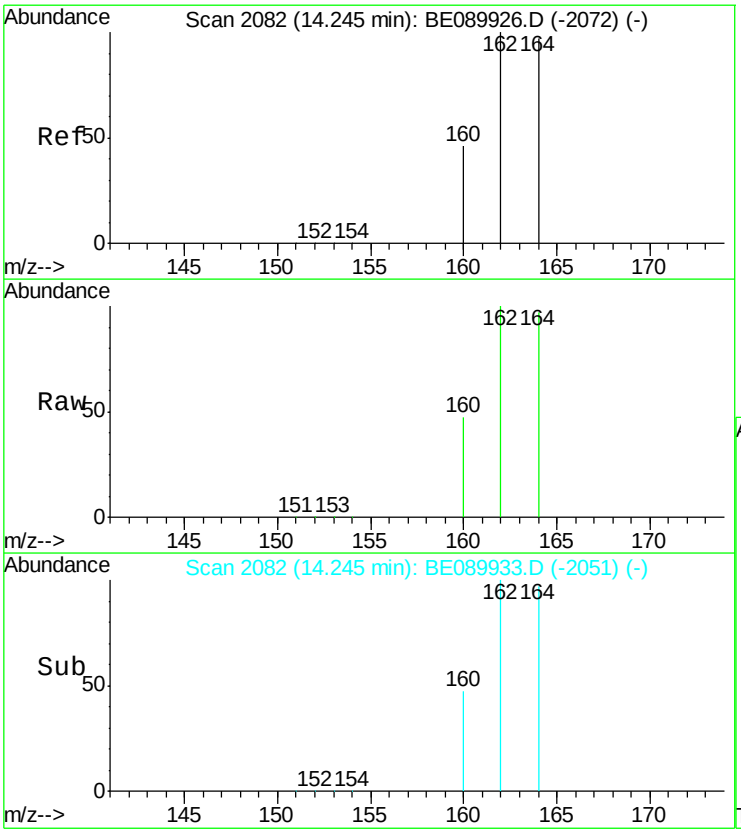
#11
2-Methylnaphthalene
Concen: 0.89 ng
RT: 12.06 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 18479

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.1	106.7
115	36.0	29.1	43.7

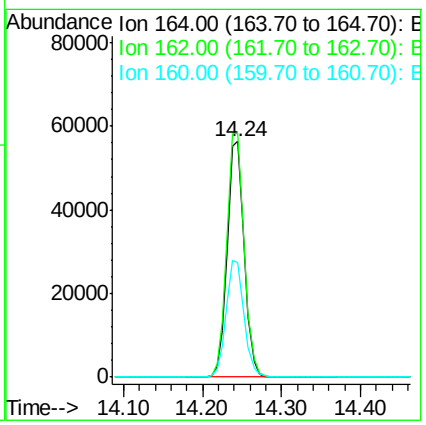


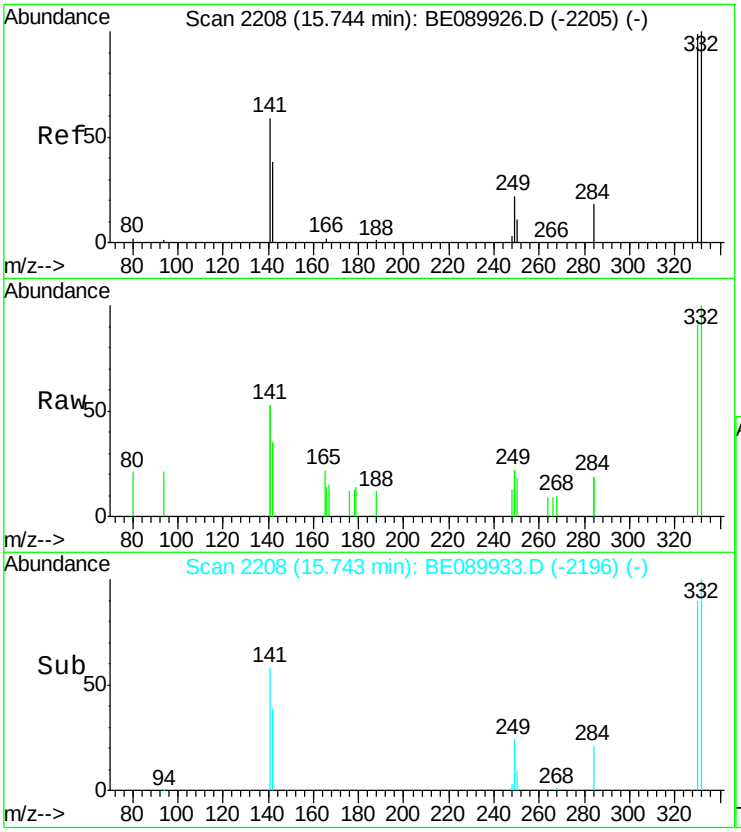


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:164 Resp: 83247

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.7	124.1
160	48.4	38.3	57.5



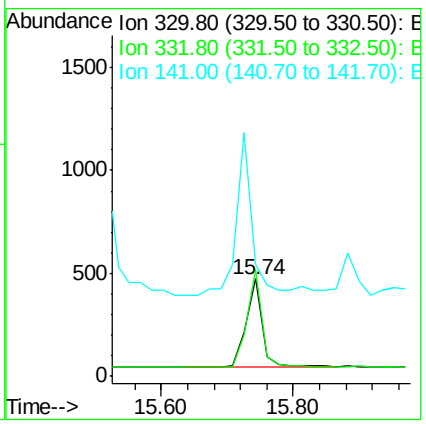


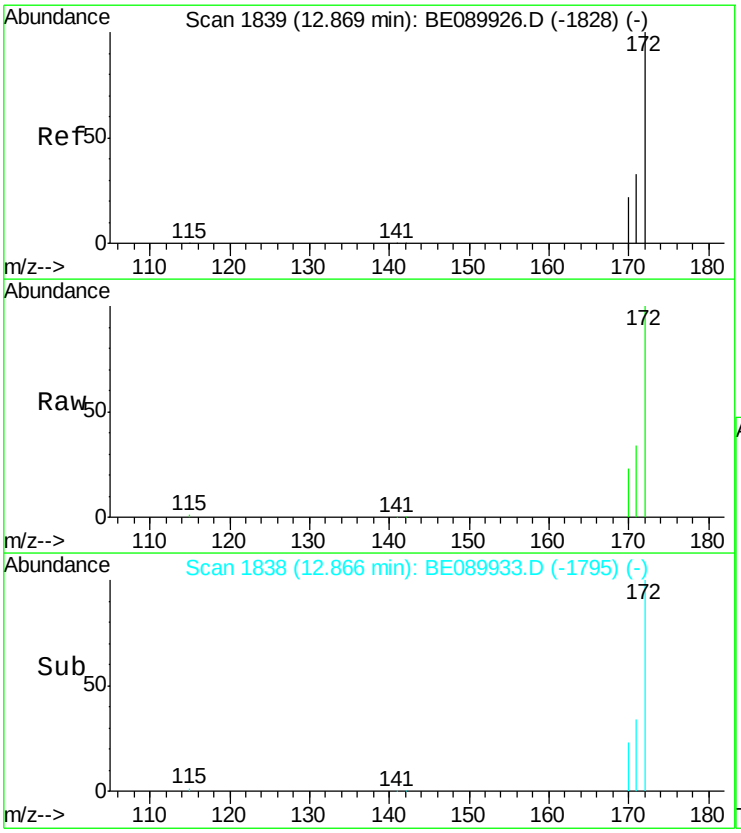
#13
2,4,6-Tribromophenol
Concen: 0.80 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 737

Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.9	116.9
141	174.2	142.8	214.2

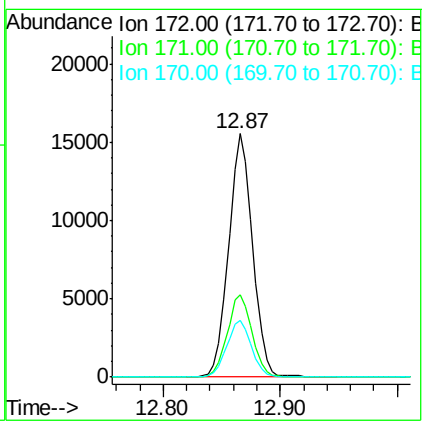


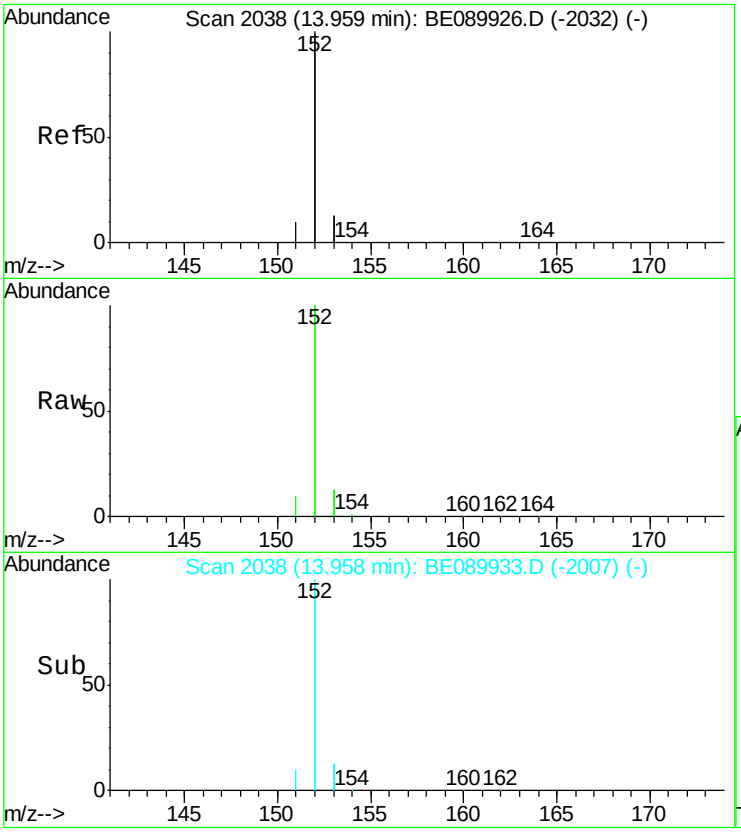


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:172 Resp: 21815

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.7	40.1
170	23.2	17.5	26.3



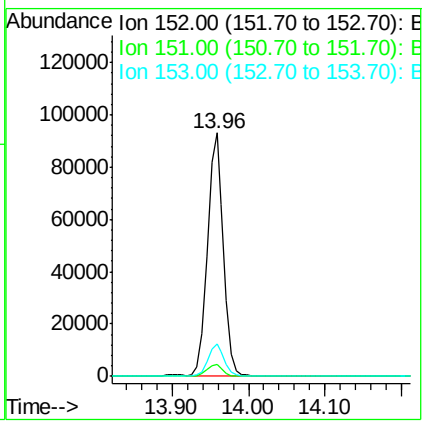


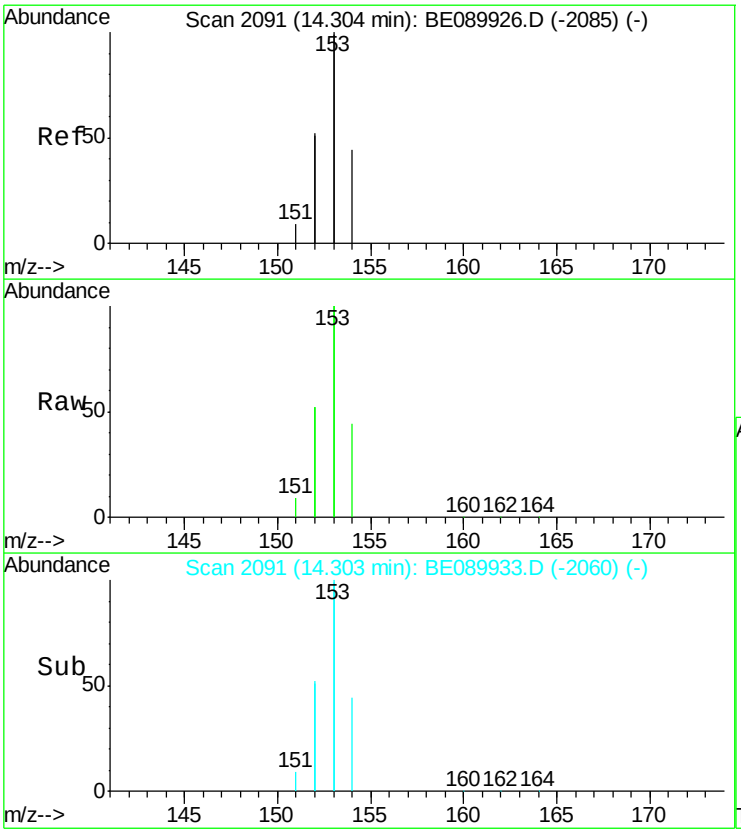
#15
Acenaphthylene
Concen: 0.92 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 134730

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

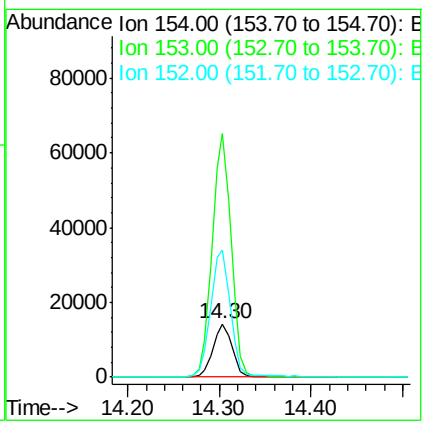


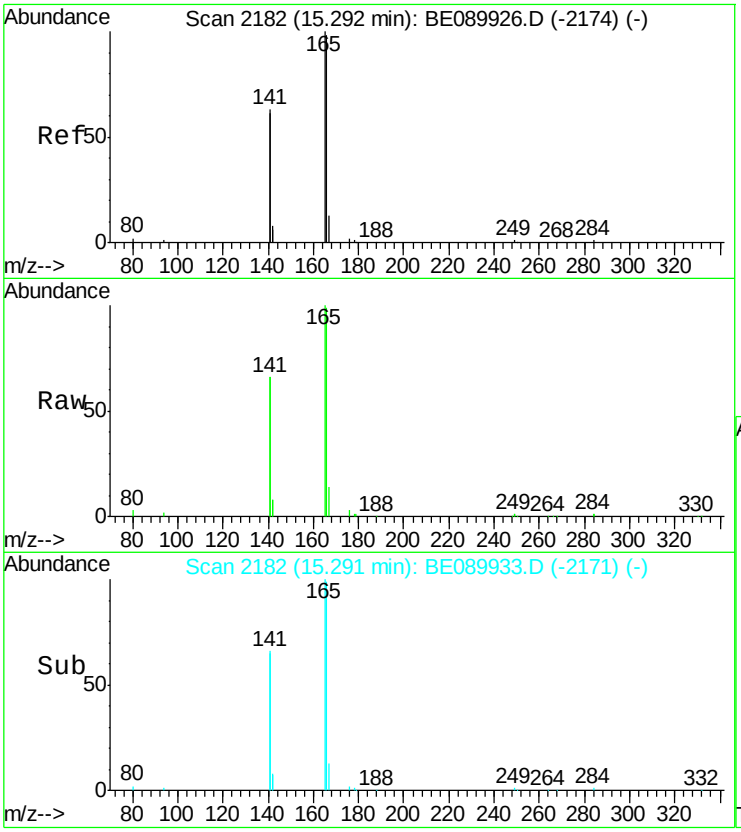


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:154 Resp: 20102

Ion	Ratio	Lower	Upper
154	100		
153	459.3	362.8	544.2
152	246.8	194.6	291.8



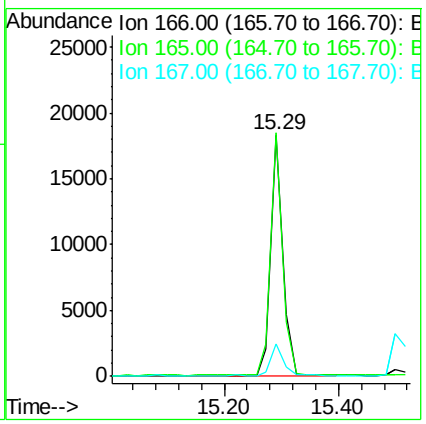


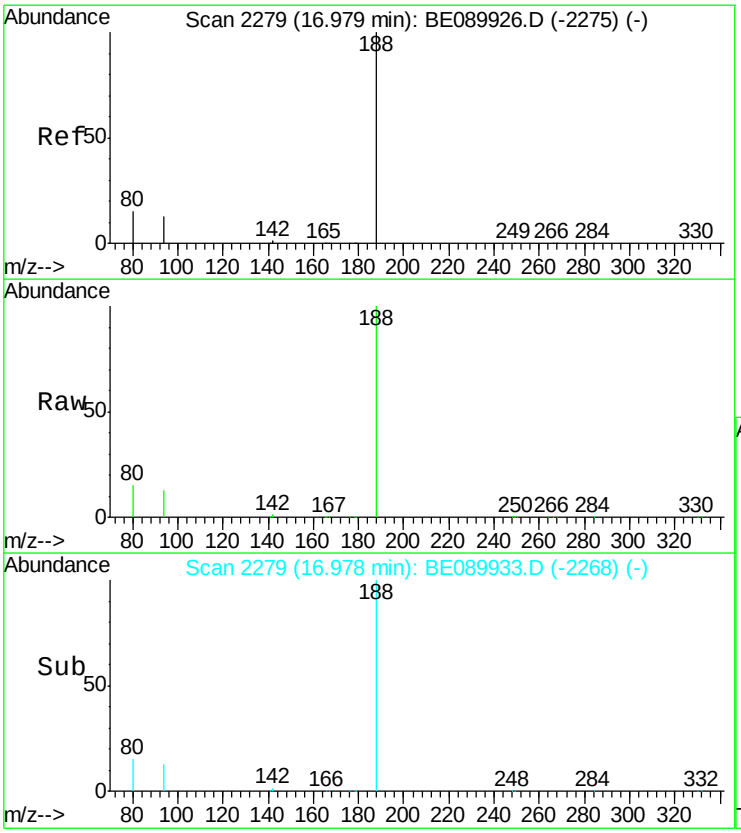
#17
Fluorene
Concen: 0.98 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 26352

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.1	121.7
167	14.1	11.8	17.8

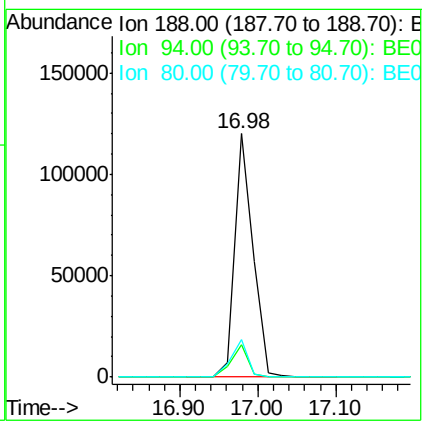


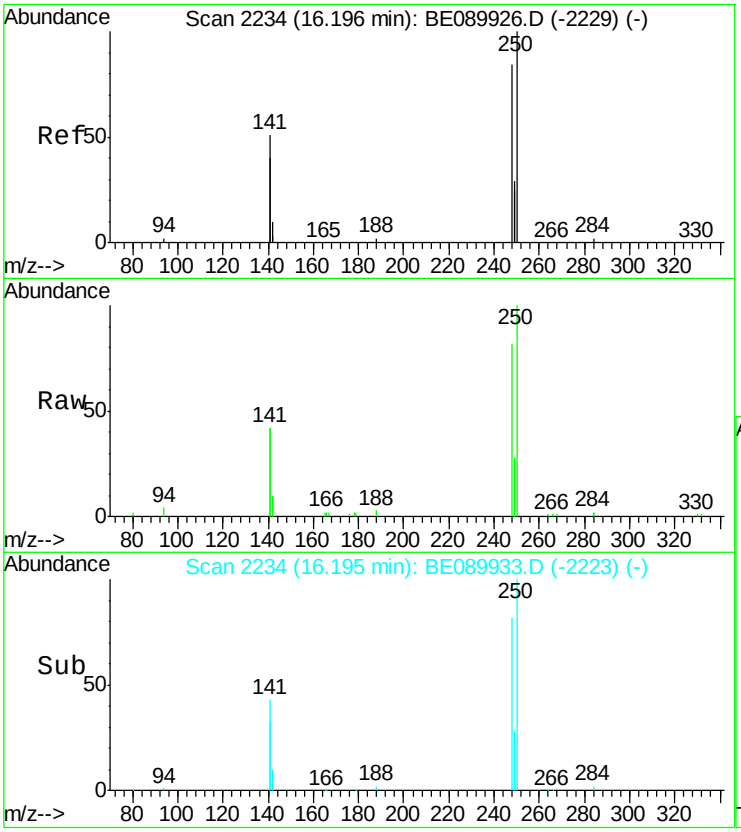


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:188 Resp: 195463

Ion	Ratio	Lower	Upper
188	100		
94	13.5	10.6	16.0
80	15.2	11.8	17.6



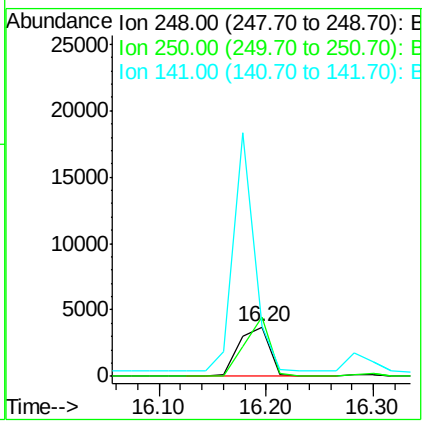


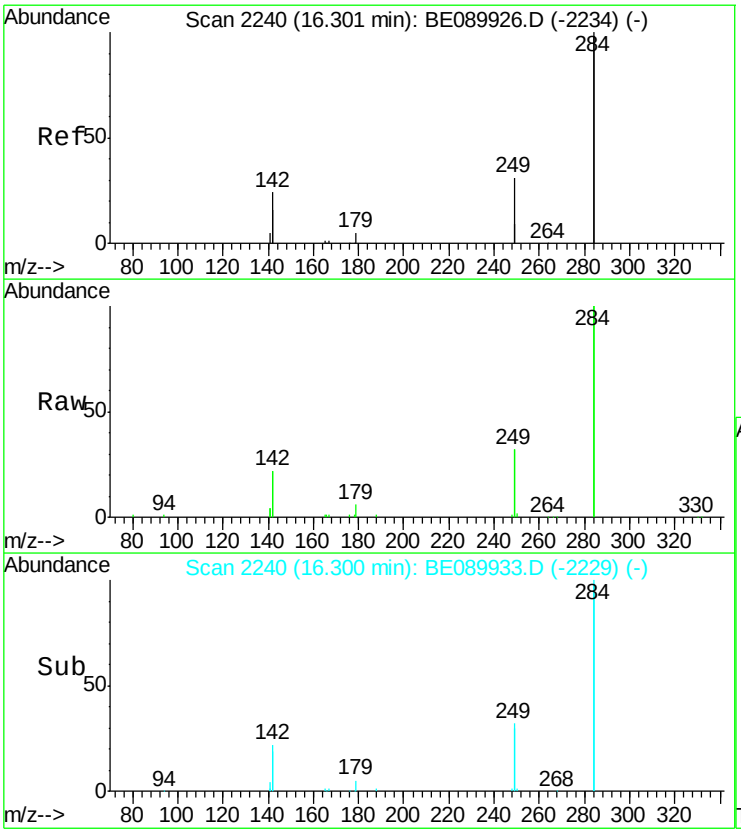
#19
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 16.20 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 7108

Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.3	118.9
141	338.5	274.1	411.1

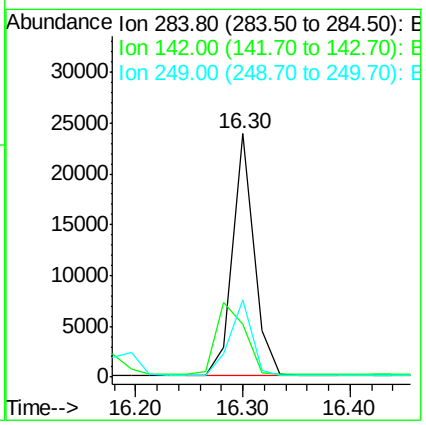


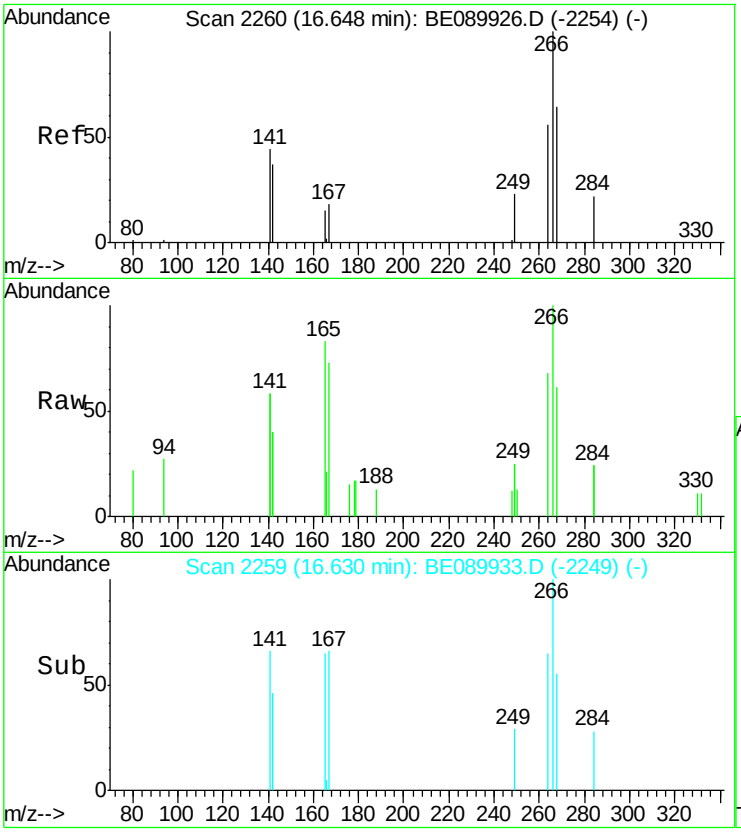


#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:284 Resp: 32352

Ion	Ratio	Lower	Upper
284	100		
142	40.0	32.0	48.0
249	32.7	25.0	37.6



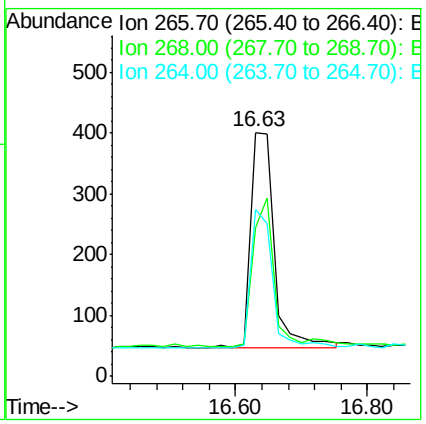


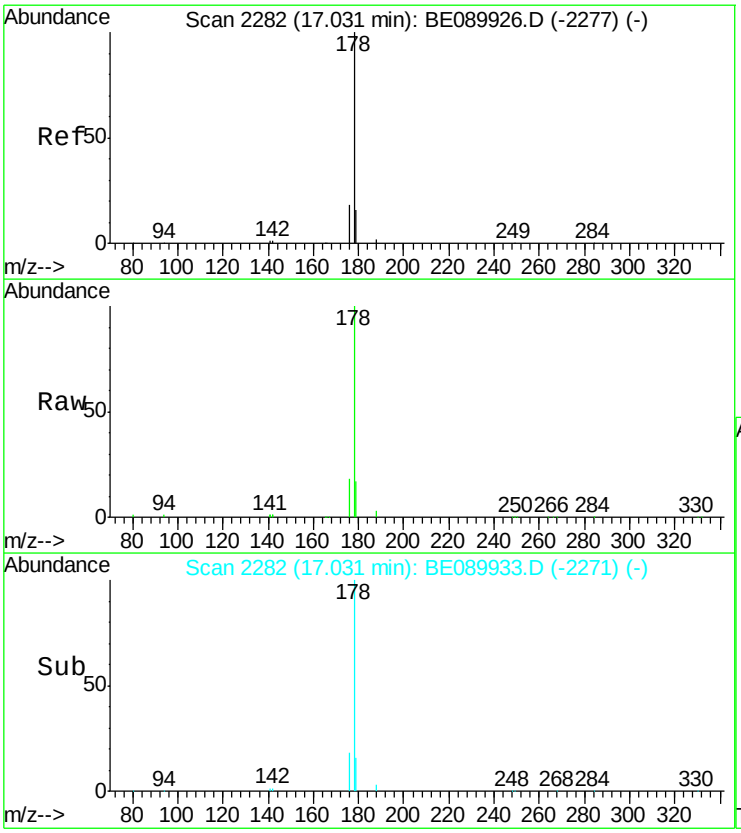
#21
Pentachlorophenol
Concen: 0.80 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 878

Ion	Ratio	Lower	Upper
266	100		
268	61.1	54.4	81.6
264	68.3	48.2	72.2

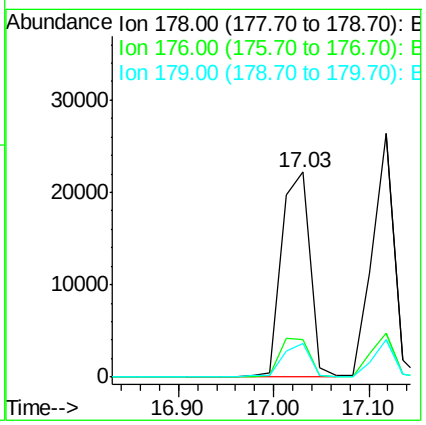


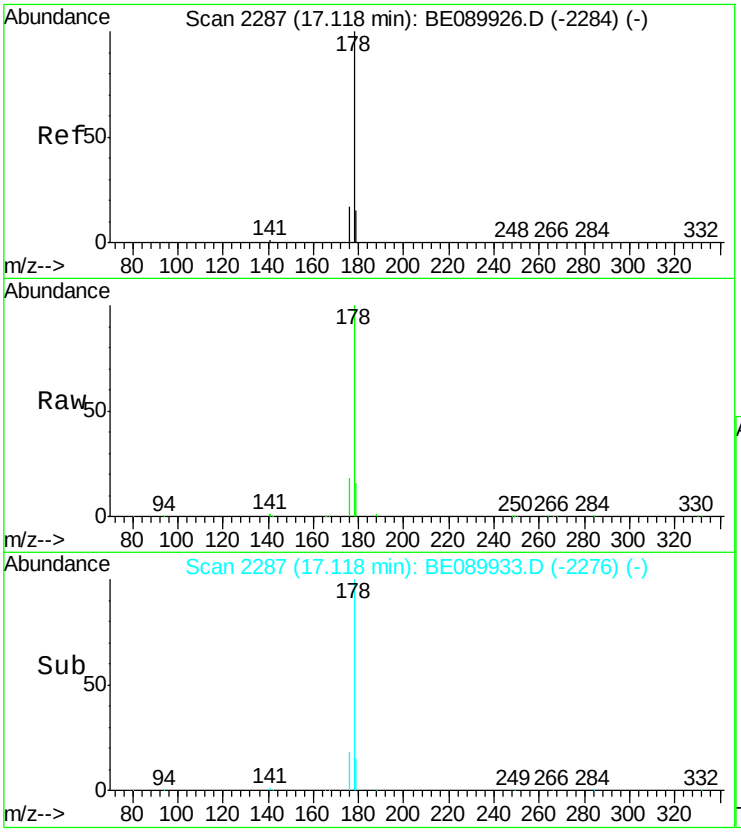


#22
Phenanthrene
Concen: 0.92 ng
RT: 17.03 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:178 Resp: 45253

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	19.0



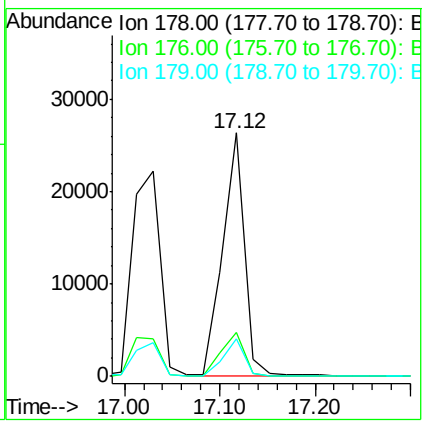


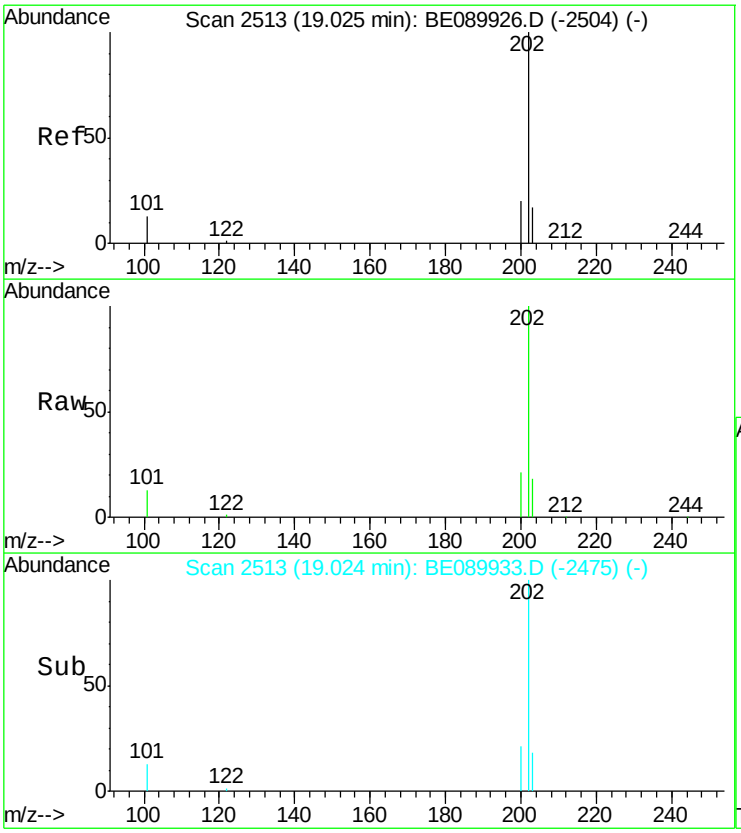
#23
Anthracene
Concen: 0.91 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 41494

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.1	12.3	18.5

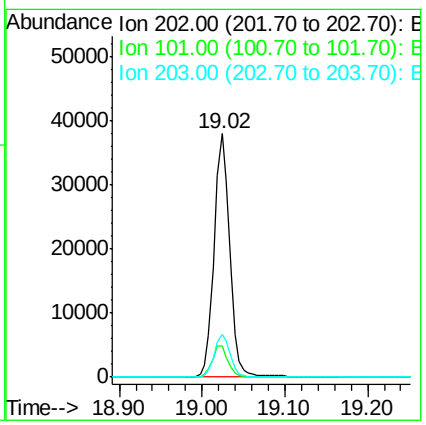


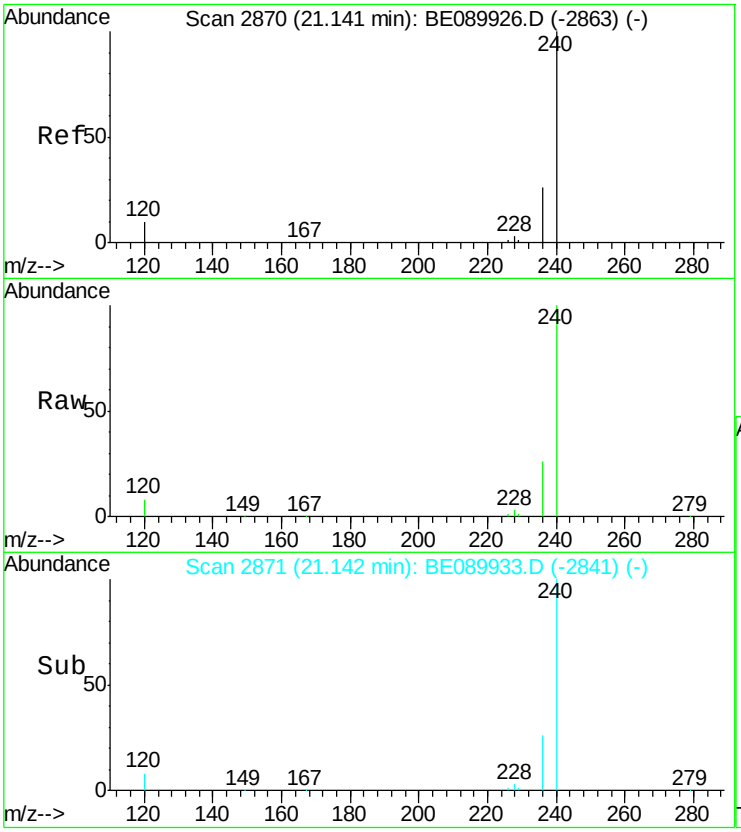


#24
Fluoranthene
Concen: 0.92 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:202 Resp: 49155

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
203	17.4	13.8	20.8



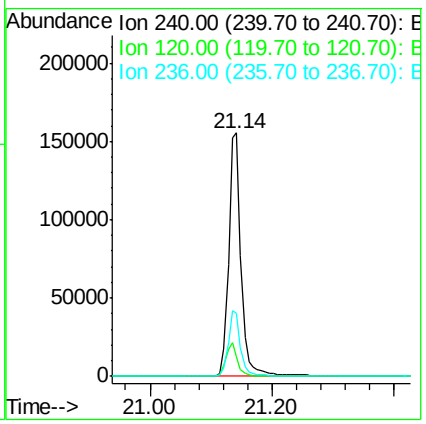


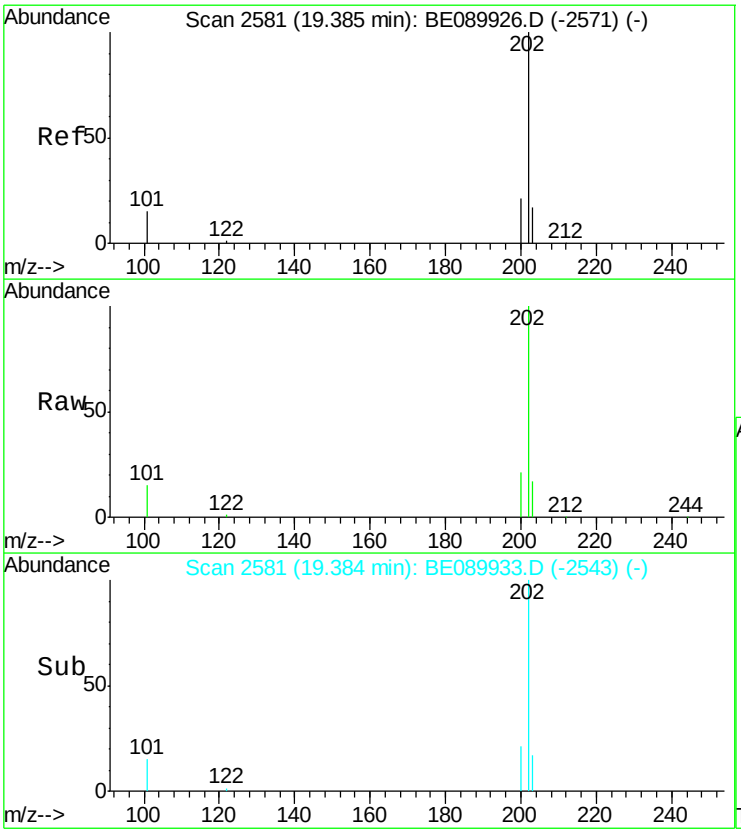
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 219183

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.9	11.9
236	25.9	21.2	31.8

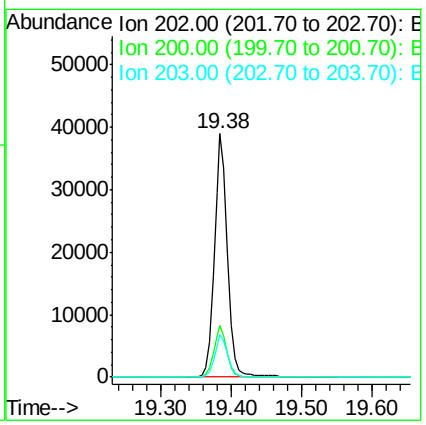


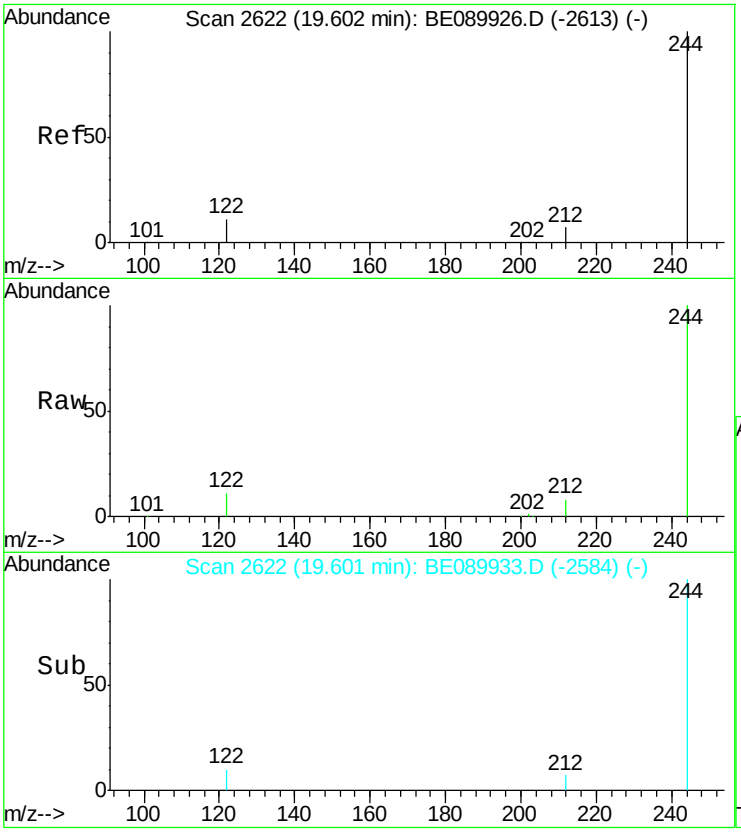


#26
Pyrene
Concen: 0.92 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:202 Resp: 50951

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	13.9	20.9



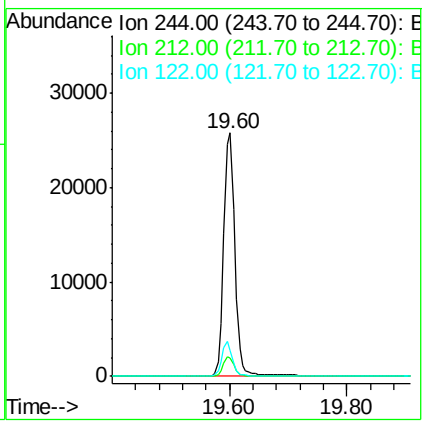


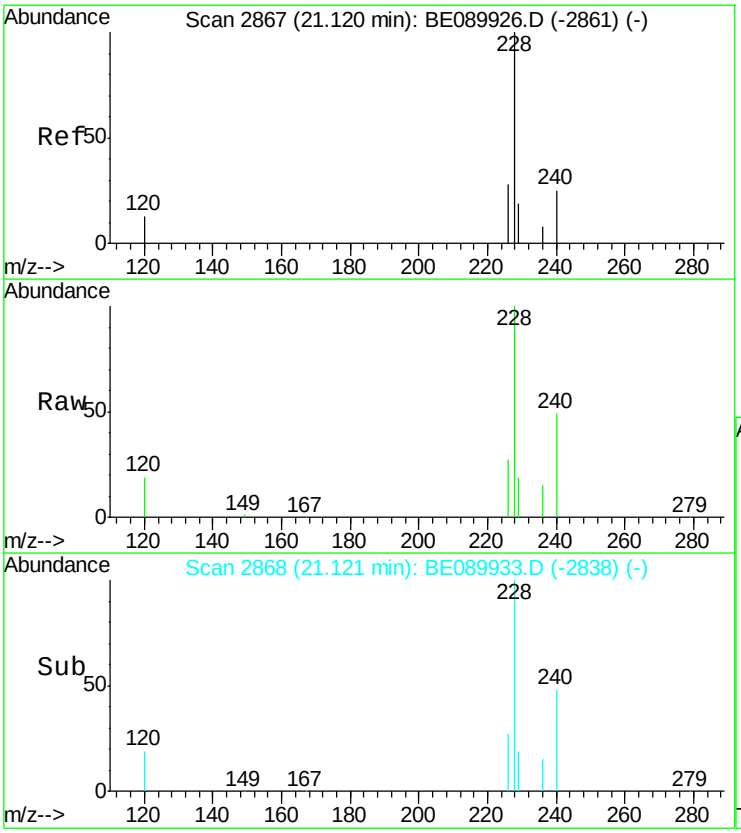
#27
Terphenyl-d14
Concen: 0.89 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 33706

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.7	8.7	13.1

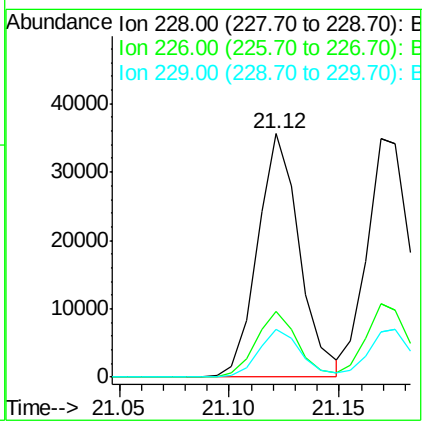


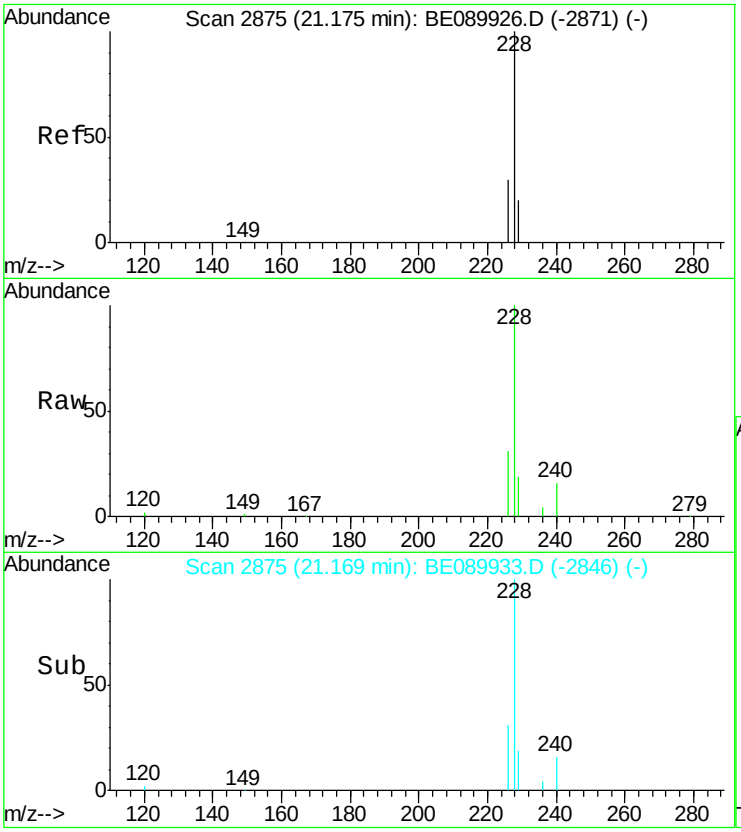


#28
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:228 Resp: 47332

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.4
229	19.5	15.3	22.9



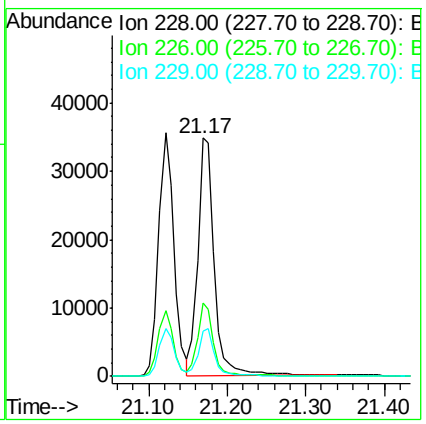


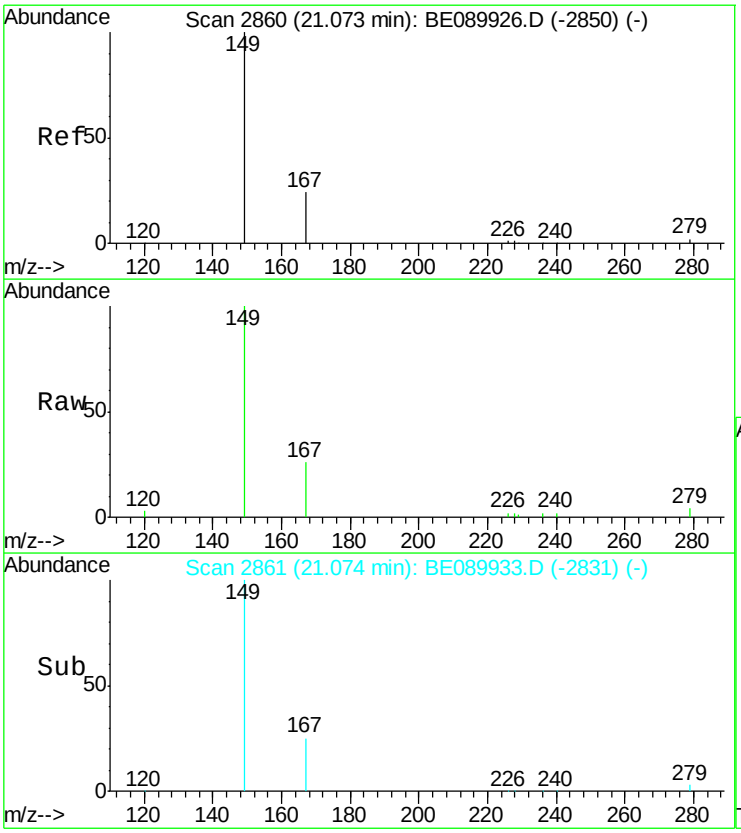
#29
Chrysene
Concen: 0.89 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 50991

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	19.2	15.8	23.8

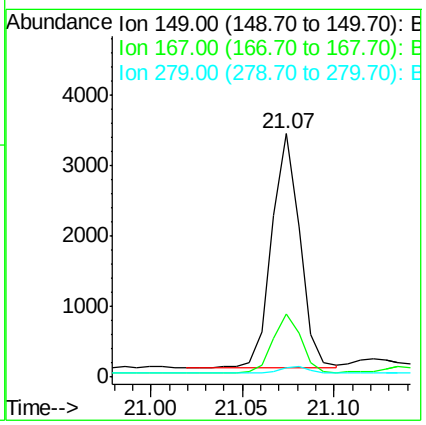


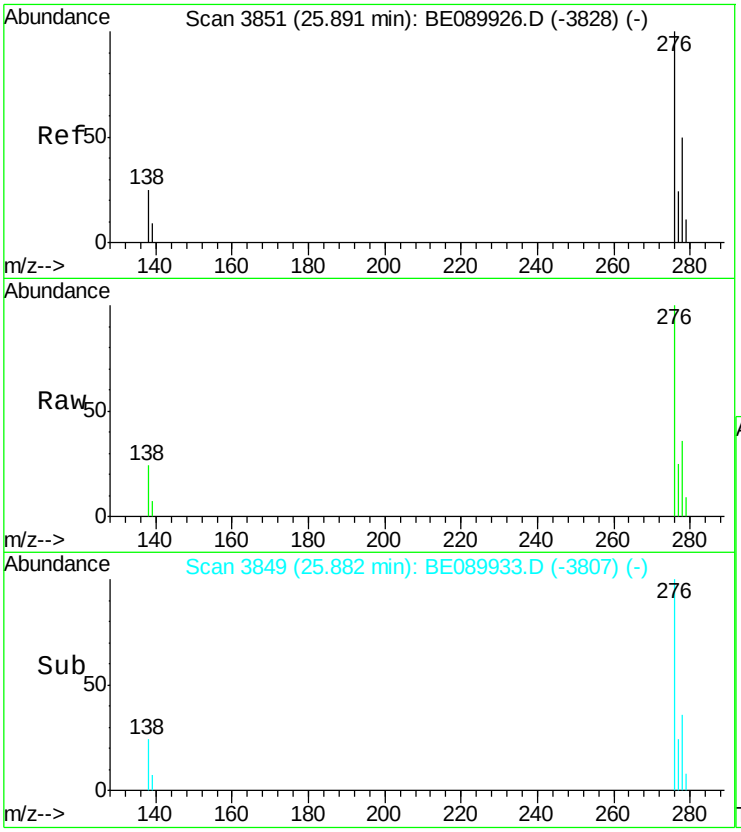


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.79 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:149 Resp: 3506

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	3.3	2.7	4.1



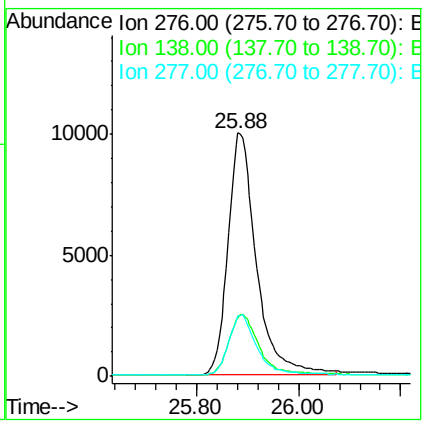


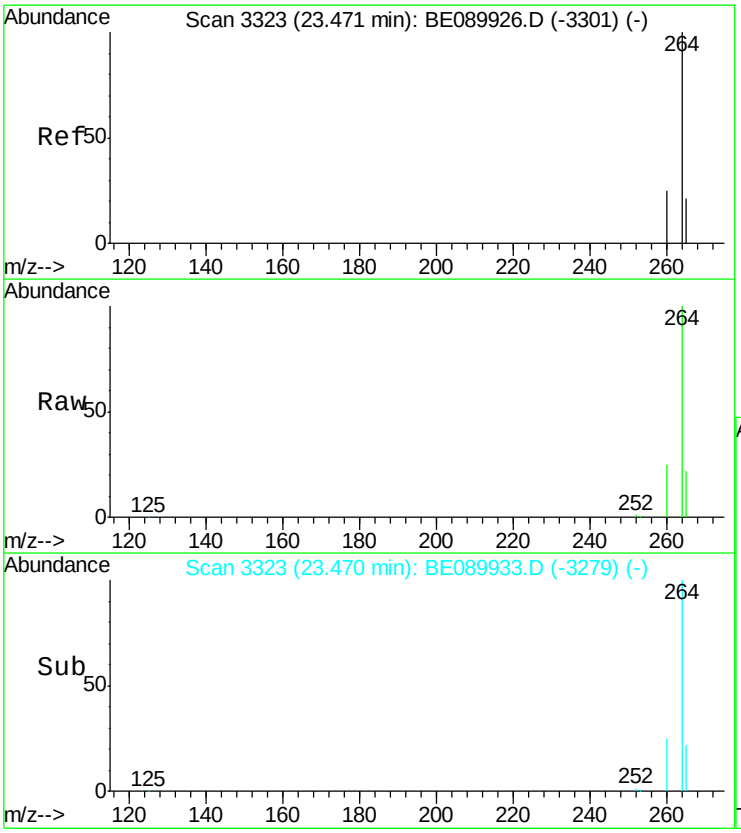
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.92 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 38852

Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	24.6	0.0	0.0#

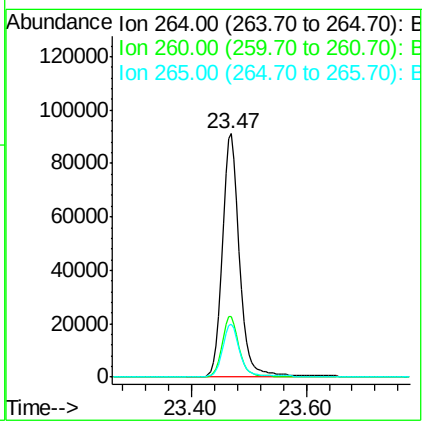


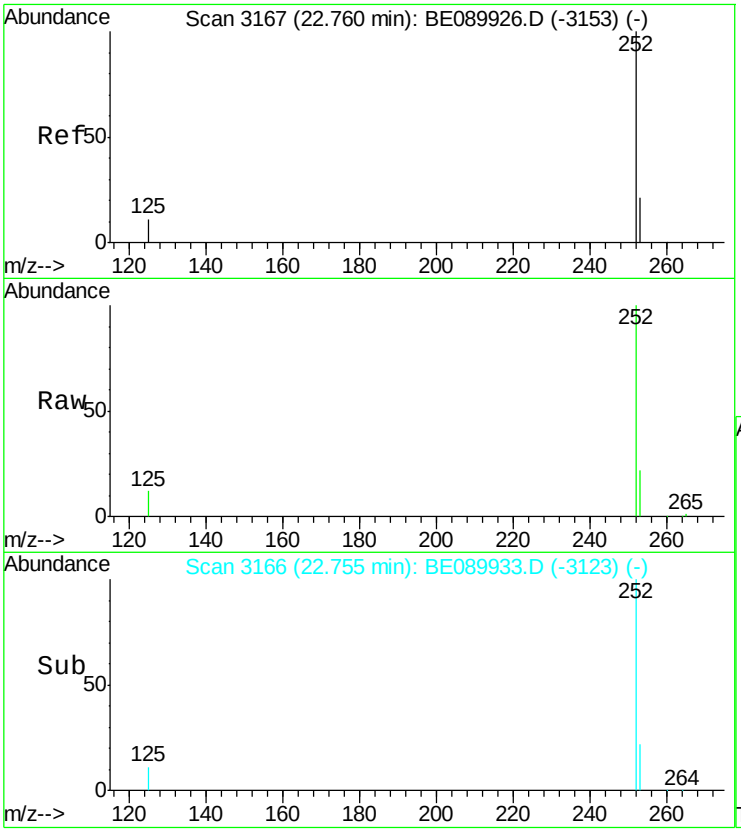


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:264 Resp: 192639

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



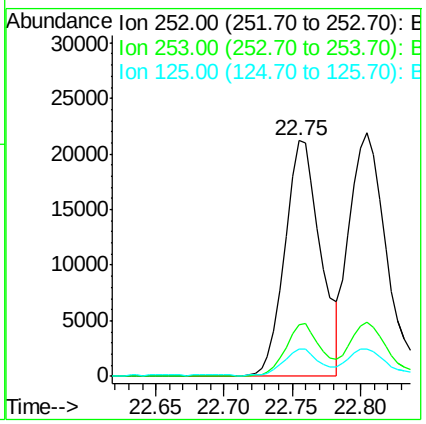


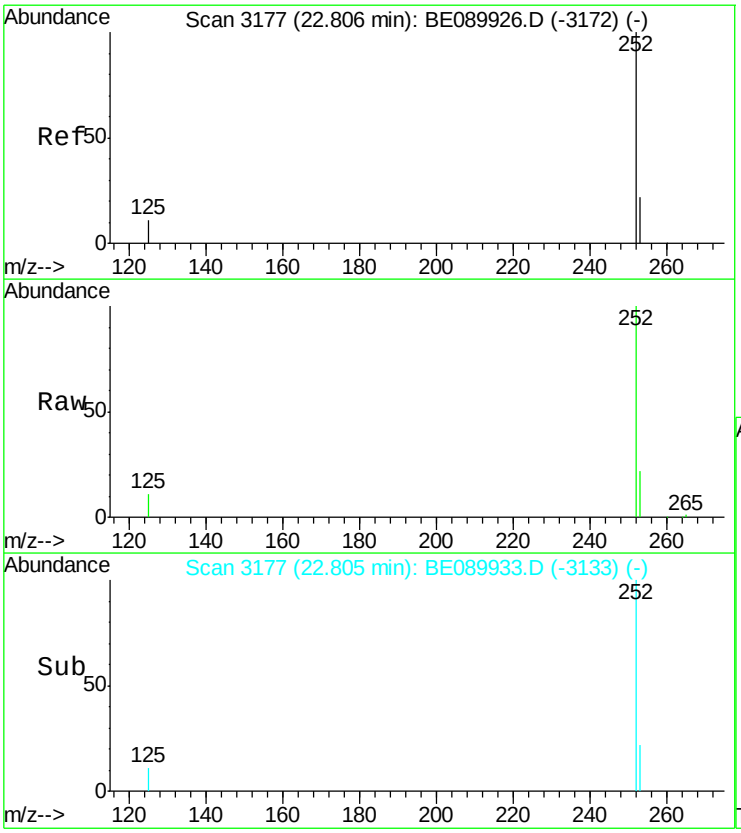
#33
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 38460

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.8	9.3	13.9

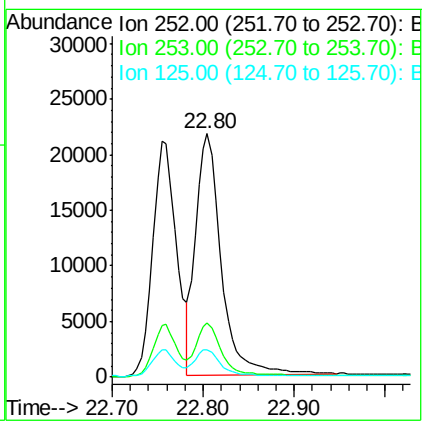


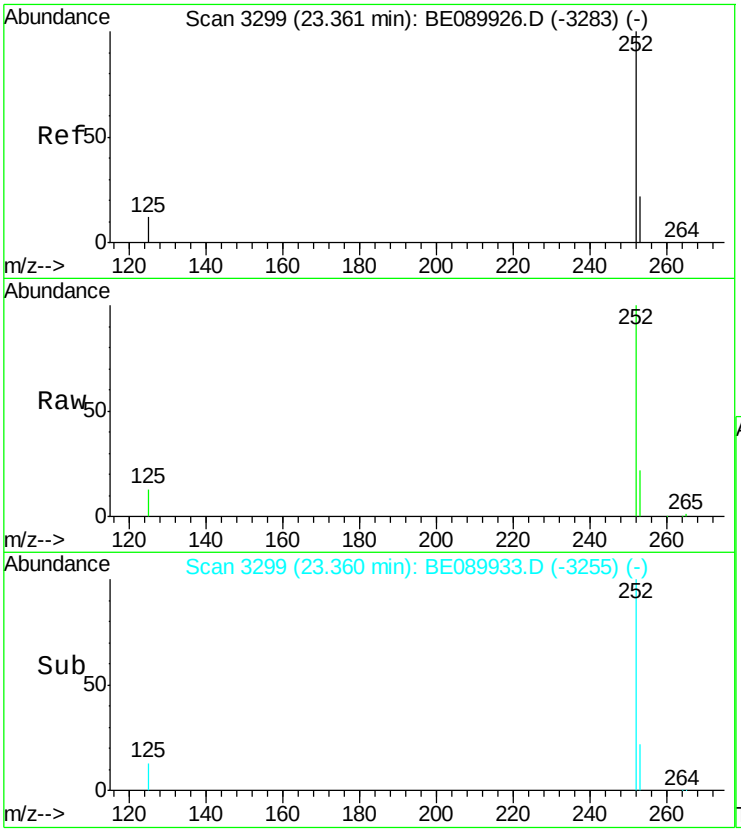


#34
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:252 Resp: 42429

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	9.2	13.8



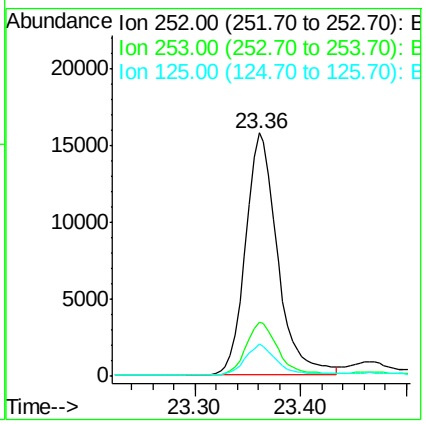


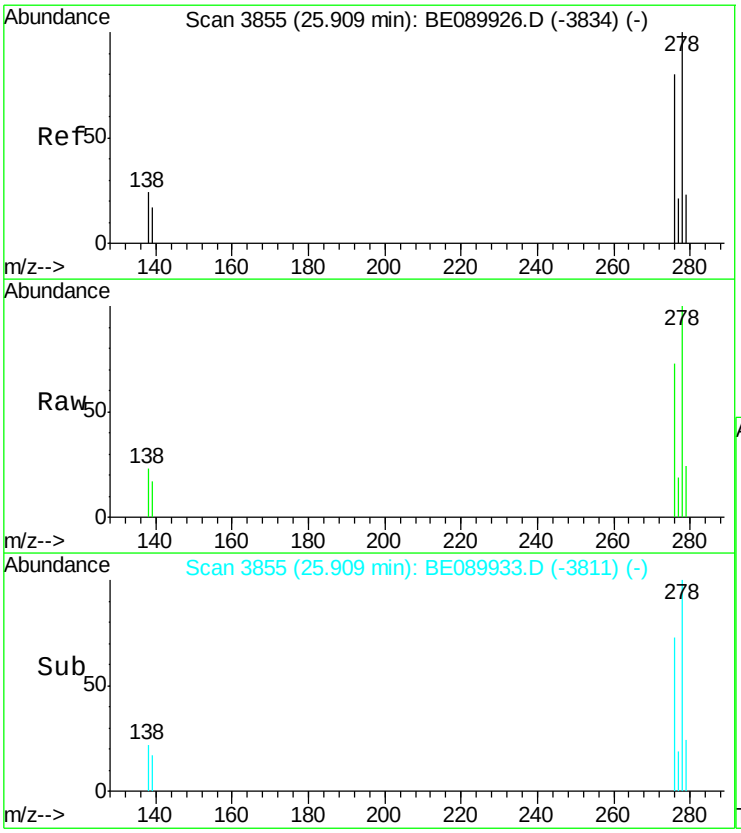
#35
Benzo(a)pyrene
Concen: 0.91 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 32869

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.4	10.3	15.5

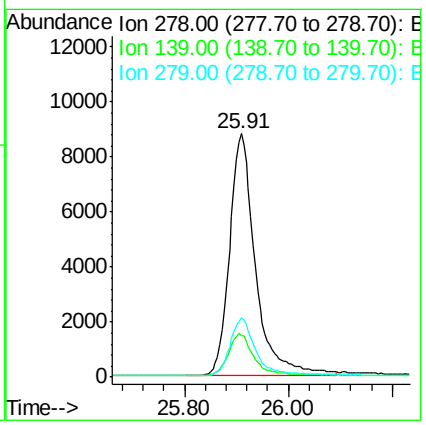


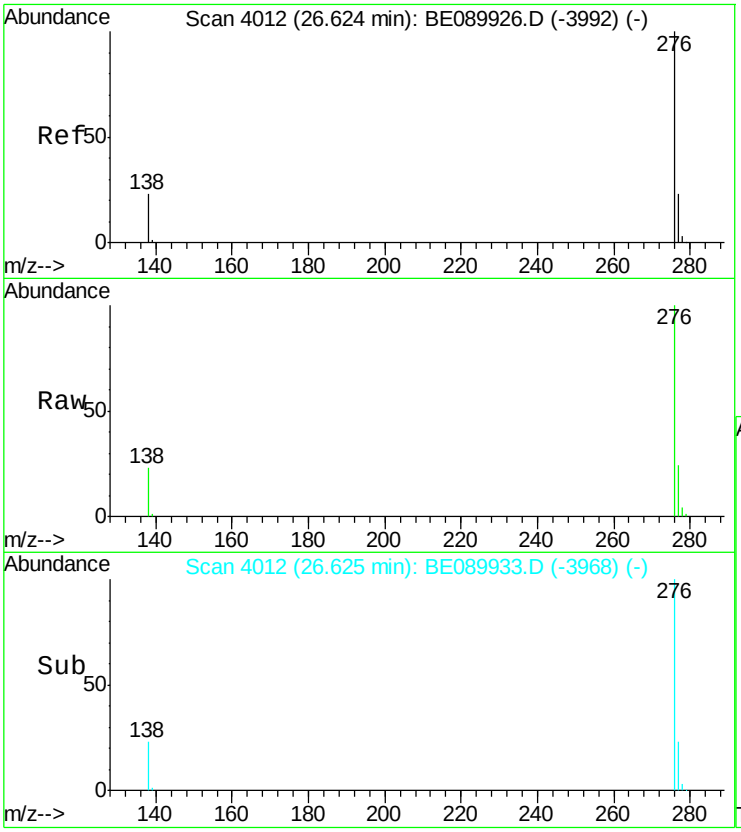


#36
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 25.91 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Tgt Ion:278 Resp: 30525

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.1	21.1
279	24.5	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.92 ng
RT: 26.62 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089933.D
Acq: 24 Jun 2015 14:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 33274

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	23.3	18.8	28.2