Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090445.D
Acq On : 12 Aug 2015 1:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Aug 12 04:16:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21856	5.00	ng		-0.01
6) Naphthalene-d8	10.33	136	102498	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	61419	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	146201	5.00	ng		0.00
25) Chrysene-d12	21.09	240	163863	5.00	ng		0.00
32) Perylene-d12	23.40	264	144622	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	4466	1.36	ng		0.00
5) Phenol-d6	6.77	99	6928	1.19	ng		-0.01
7) Nitrobenzene-d5	8.72	82	7054	1.01	ng		-0.01
13) 2,4,6-Tribromophenol	15.71	330	1510	1.40	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	17445	1.03	ng		0.00
27) Terphenyl-d14	19.56	244	26540	1.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3070	1.08	ng		96
3) n-Nitrosodimethylamine	3.49	42	3538	1.05	ng	#	85
8) Nitrobenzene	8.77	77	7362	1.00	ng		99
9) Naphthalene	10.38	128	22886	1.01	ng		98
10) Hexachlorobutadiene	10.68	225	3931	1.09	ng		99
11) 2-Methylnaphthalene	12.00	142	14252	1.09	ng		98
15) Acenaphthylene	13.91	152	103647	1.04	ng		100
16) Acenaphthene	14.26	154	15610	1.01	ng		93
17) Fluorene	15.26	166	20500	1.02	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5604	0.99	ng		87
20) Hexachlorobenzene	16.27	284	27653	0.94	ng		98
21) Pentachlorophenol	16.61	266	1204	1.21	ng		98
22) Phenanthrene	16.98	178	36213	0.99	ng		100
23) Anthracene	17.07	178	32367	1.08	ng		100
24) Fluoranthene	18.98	202	37226	1.03	ng		99
26) Pyrene	19.35	202	38982	1.10	ng		100
28) Benzo(a)anthracene	21.08	228	38002	1.05	ng		100
29) Chrysene	21.13	228	43085	0.98	ng		100
30) Bis(2-ethylhexyl)phthalate	21.03	149	9482	1.11	ng		99
31) Indeno(1,2,3-cd)pyrene	25.79	276	32953	1.04	ng		96
33) Benzo(b)fluoranthene	22.70	252	29663	1.07	ng		100
34) Benzo(k)fluoranthene	22.74	252	36859	0.92	ng		99
35) Benzo(a)pyrene	23.29	252	26209	1.04	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	24949	1.06	ng		99
37) Benzo(g,h,i)perylene	26.51	276	28321	1.06	ng		98

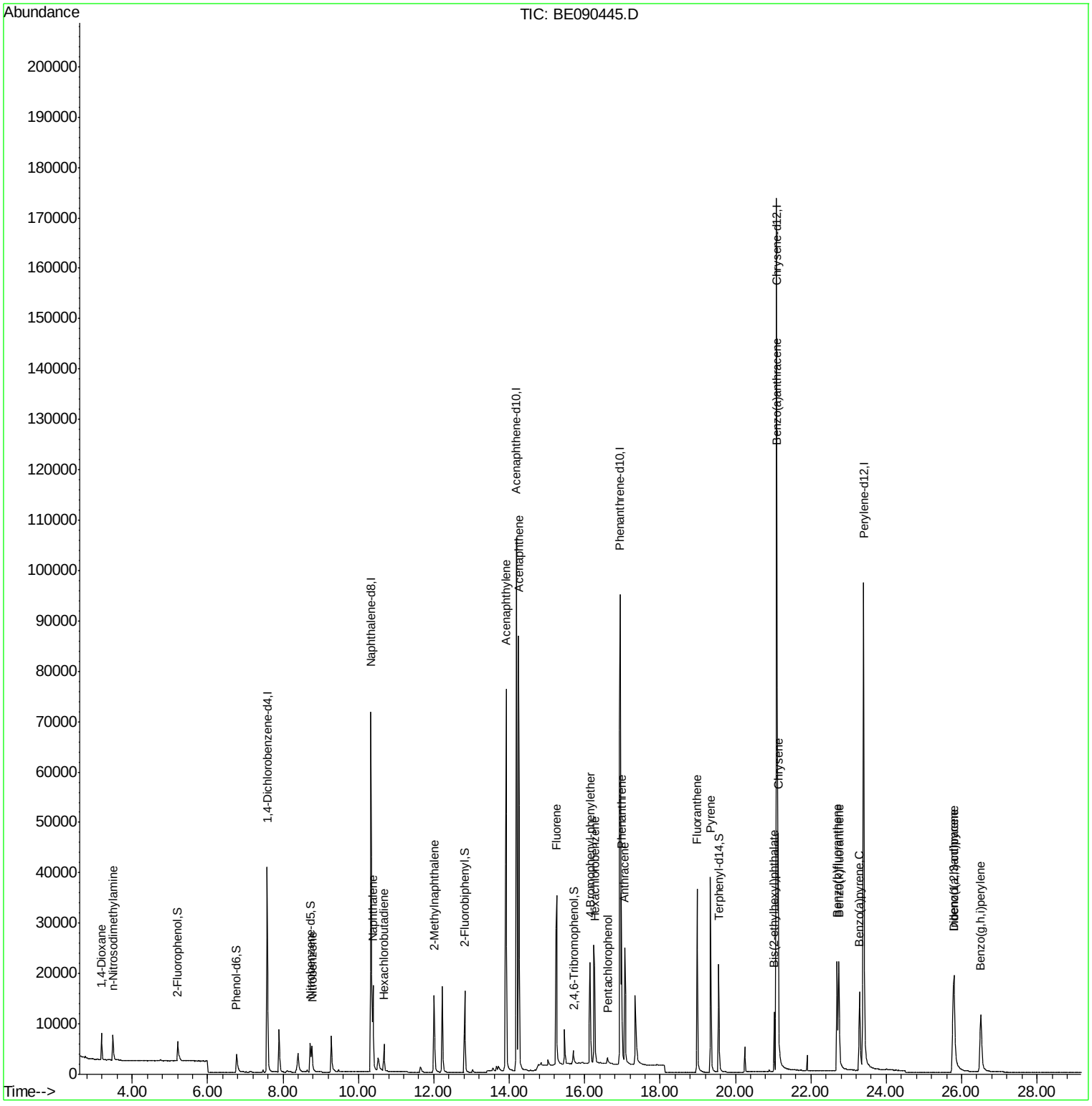
(#) = qualifier out of range (m) = manual integration (+) = signals summed

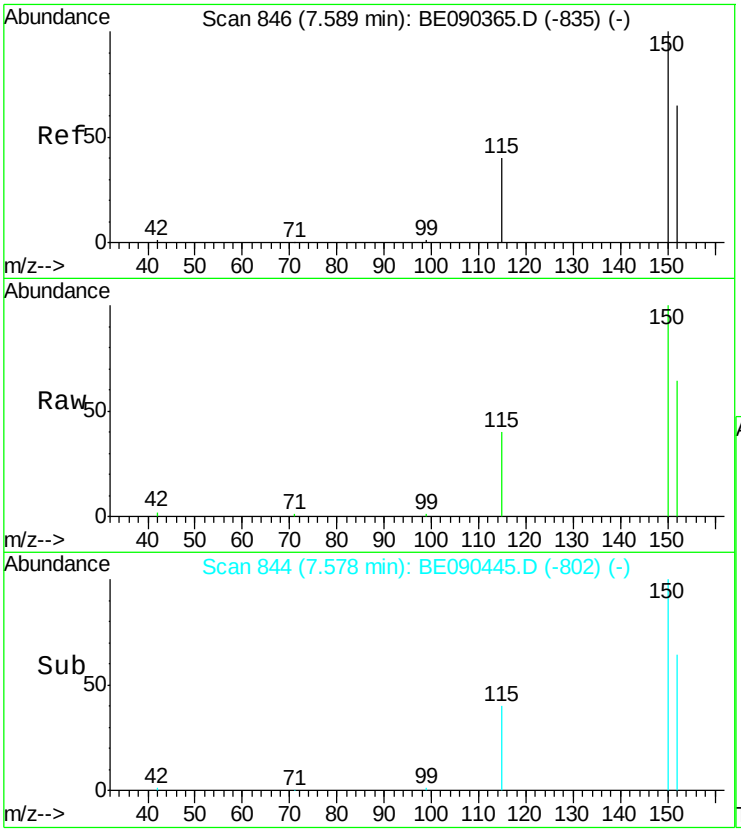
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
Data File : BE090445.D
Acq On : 12 Aug 2015 1:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Aug 12 04:16:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



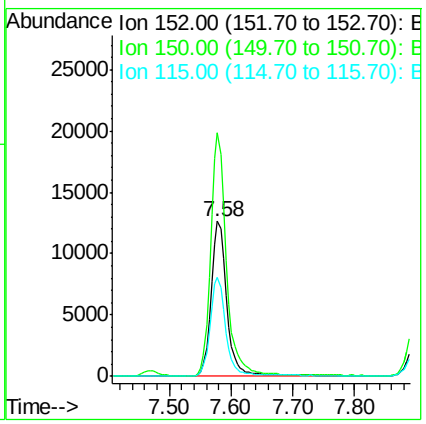


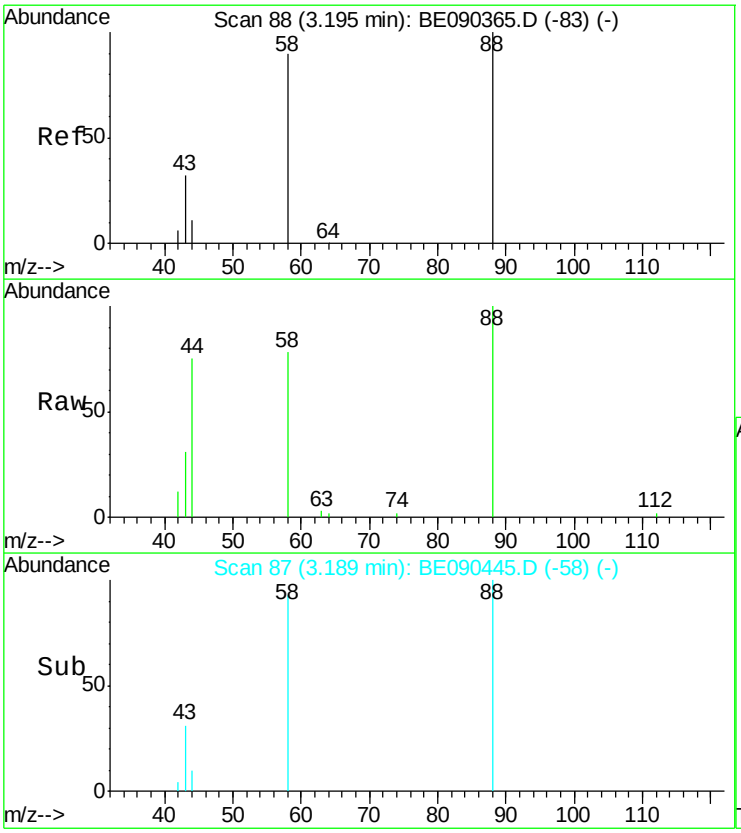
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 21856

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.4
115	63.4	48.9	73.3

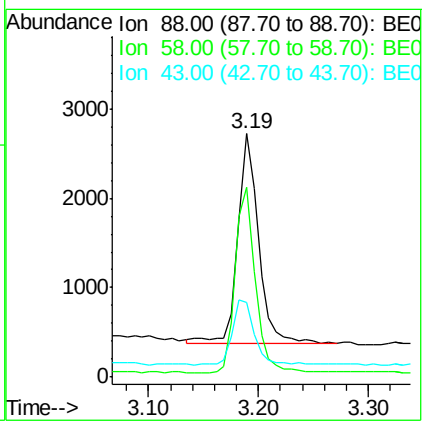


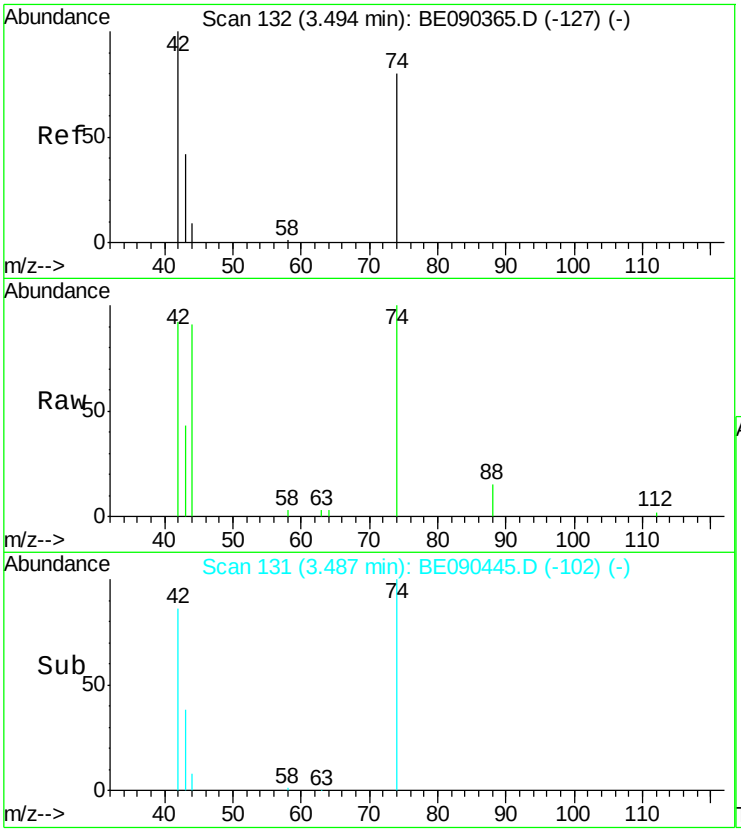


#2
1,4-Dioxane
Concen: 1.08 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion: 88 Resp: 3070

Ion	Ratio	Lower	Upper
88	100		
58	84.4	70.0	105.0
43	32.0	28.4	42.6



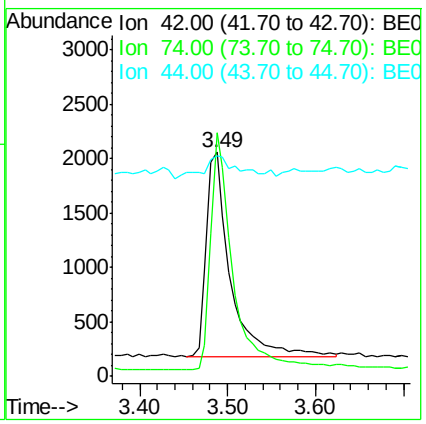


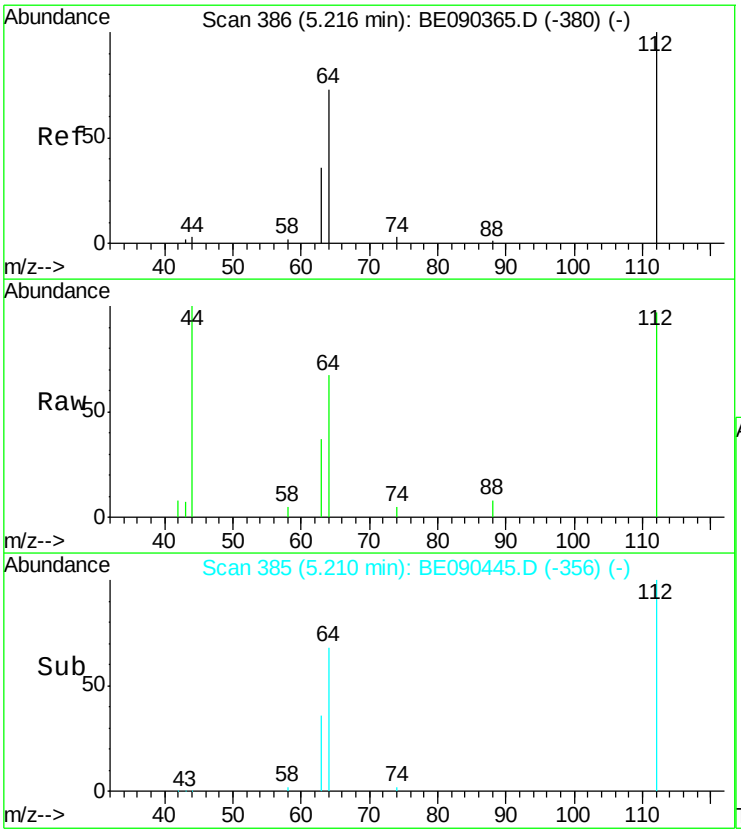
#3
n-Nitrosodimethylamine
Concen: 1.05 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3538

Ion	Ratio	Lower	Upper
42	100		
74	108.3	75.2	112.8
44	16.5	8.7	13.1#

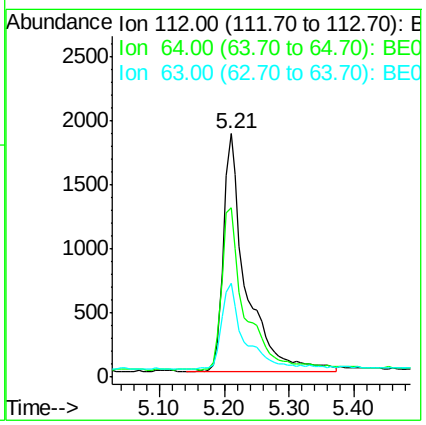


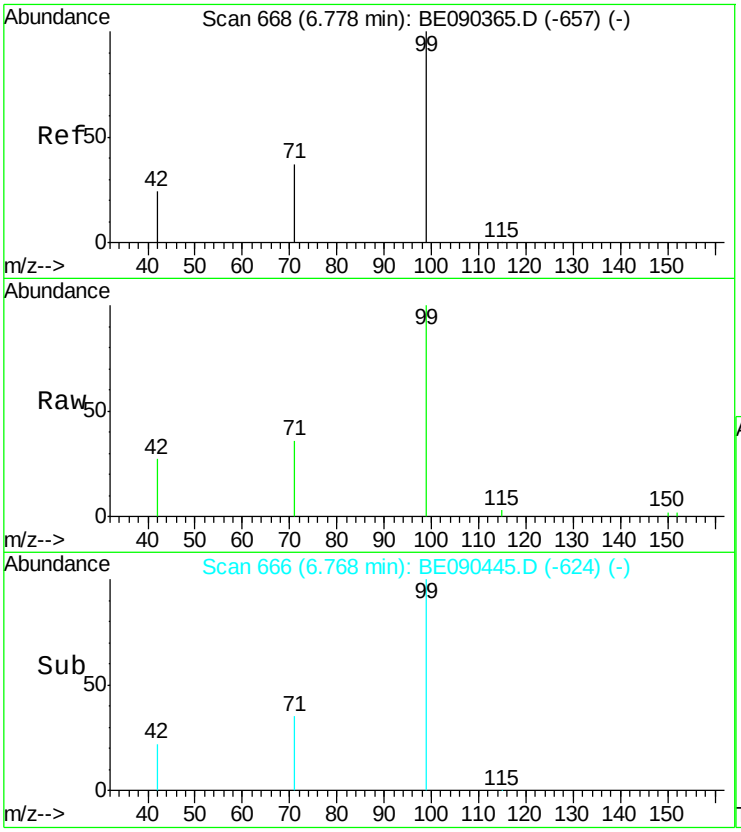


#4
2-Fluorophenol
Concen: 1.36 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:112 Resp: 4466

Ion	Ratio	Lower	Upper
112	100		
64	70.9	37.1	55.7#
63	36.6	19.5	29.3#



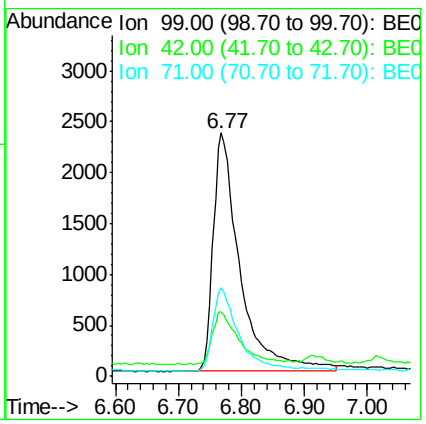


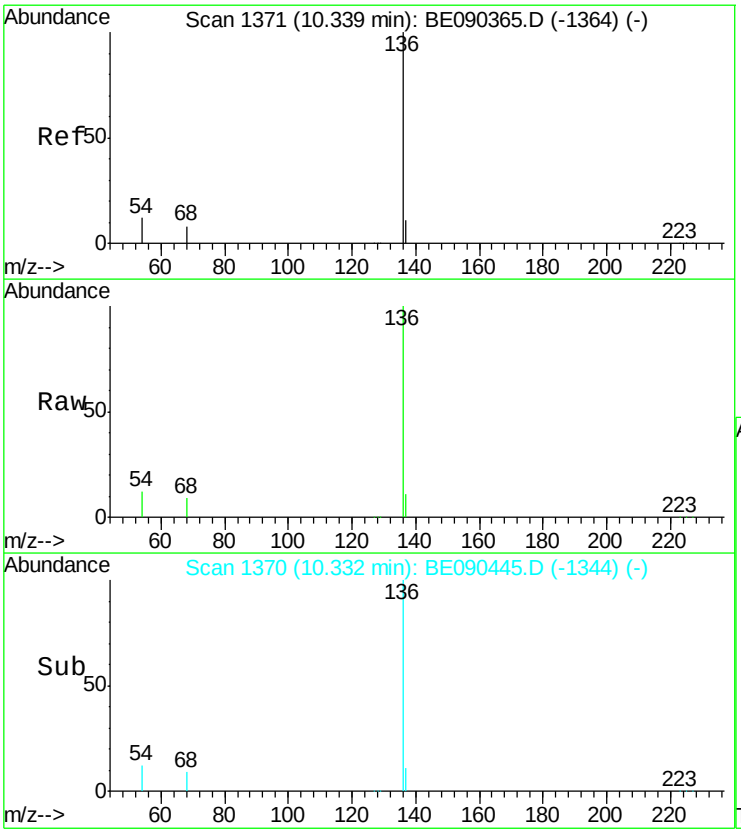
#5
Phenol-d6
Concen: 1.19 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 6928

Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.2	27.4
71	34.5	27.4	41.0

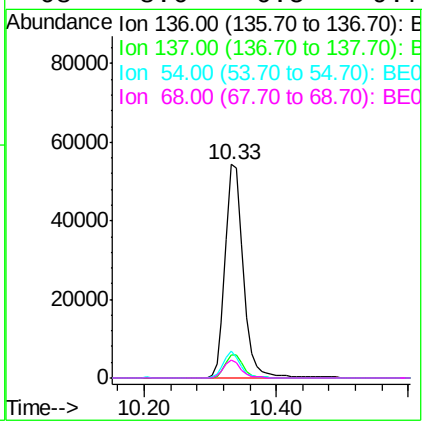


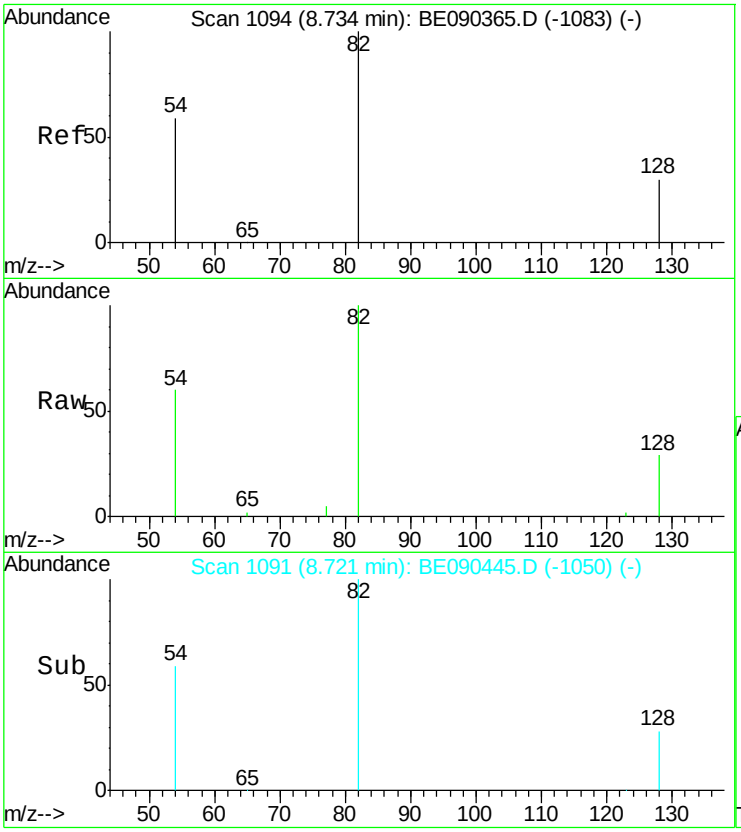


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:136 Resp: 102498

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.3	9.4	14.0
68	8.6	6.5	9.7



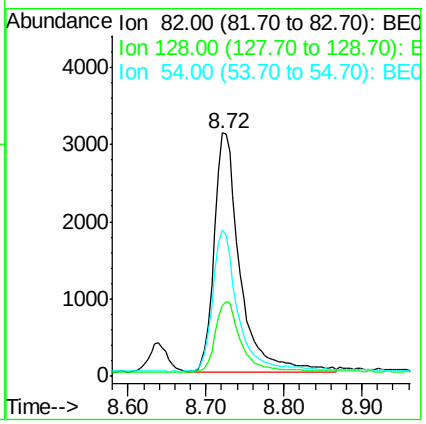


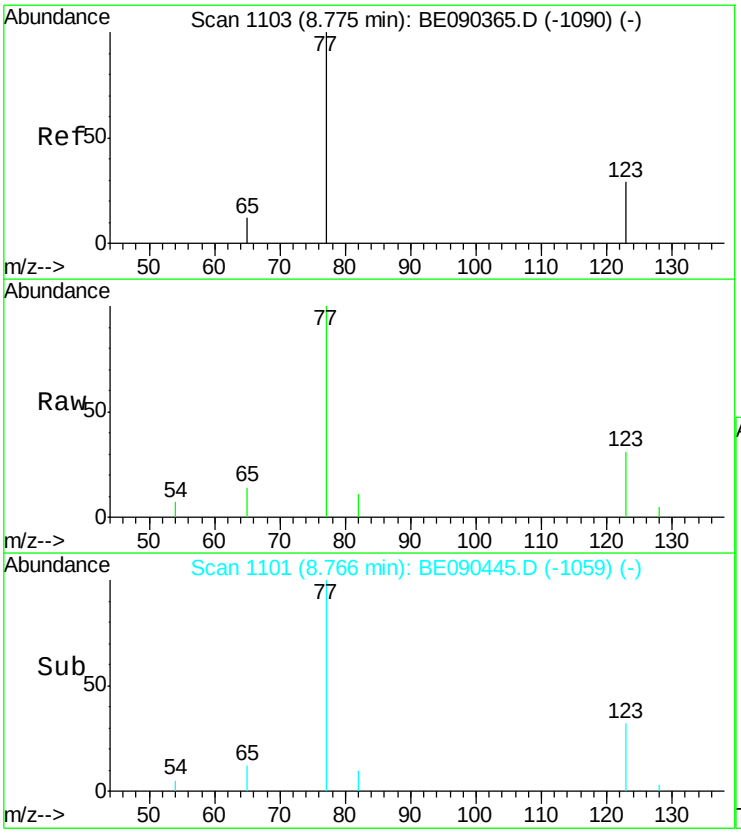
#7
Nitrobenzene-d5
Concen: 1.01 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 7054

Ion	Ratio	Lower	Upper
82	100		
128	29.1	25.0	37.6
54	60.2	48.8	73.2

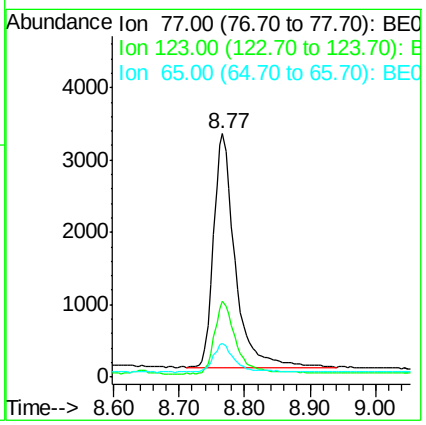


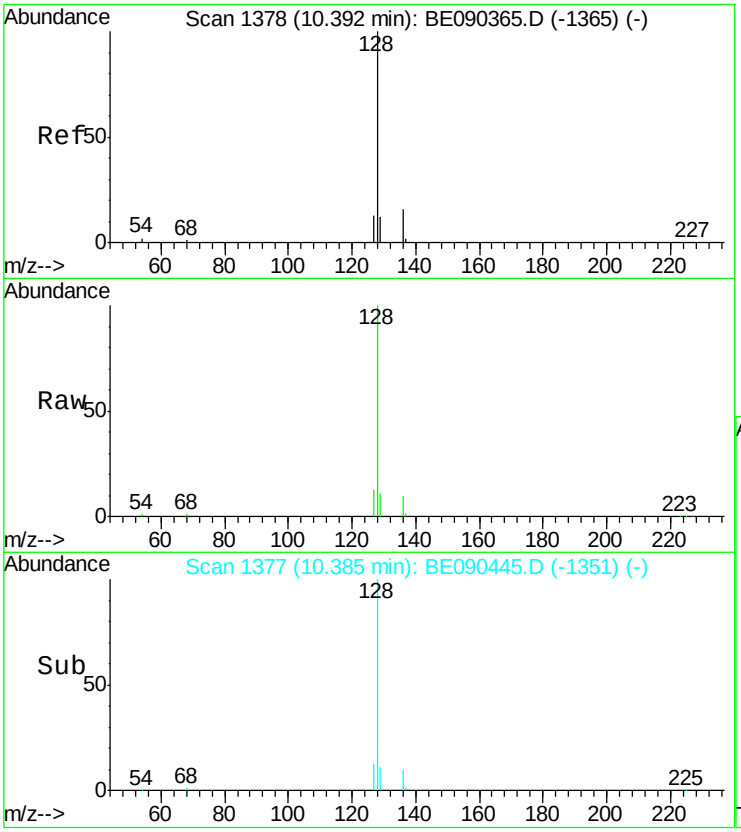


#8
Nitrobenzene
Concen: 1.00 ng
RT: 8.77 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion: 77 Resp: 7362

Ion	Ratio	Lower	Upper
77	100		
123	30.5	25.1	37.7
65	11.6	9.3	13.9



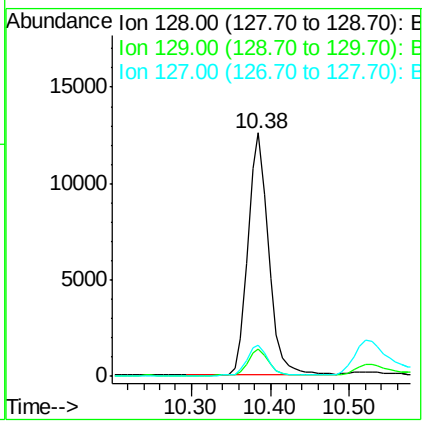


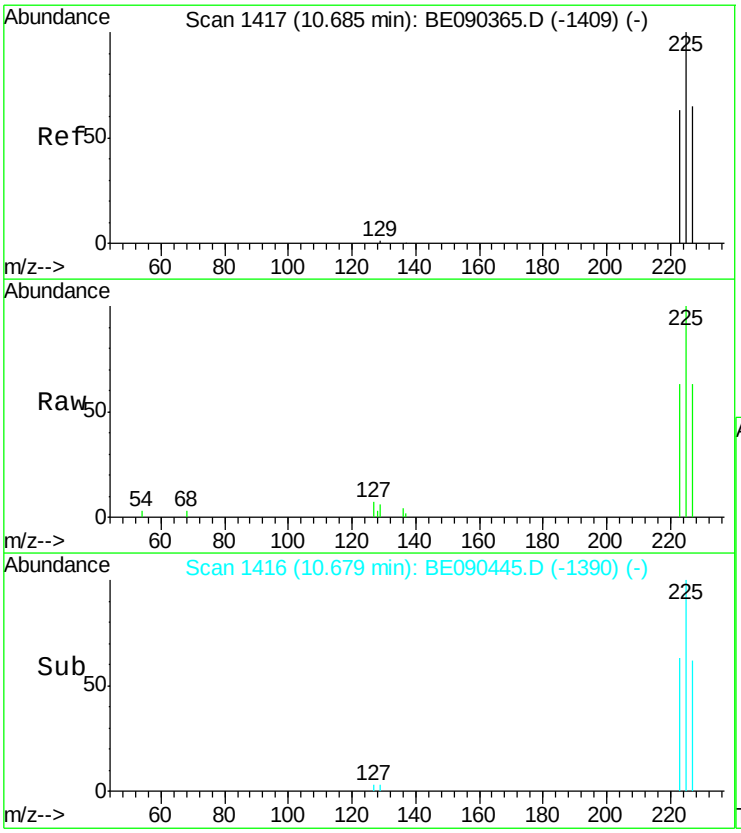
#9
Naphthalene
Concen: 1.01 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 22886

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.0	10.6	16.0

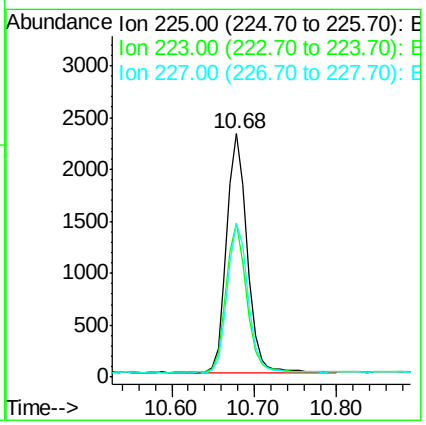


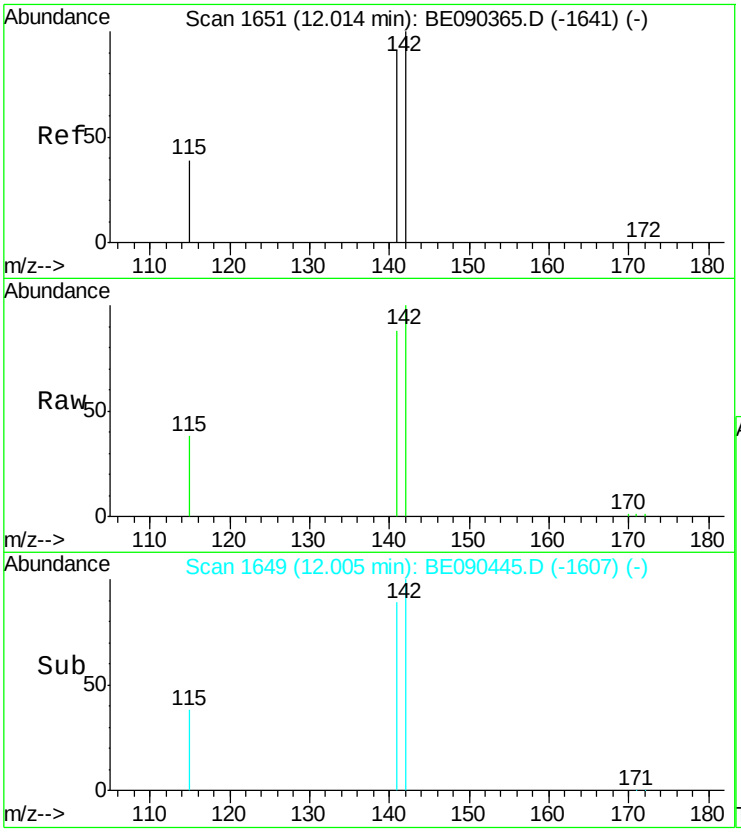


#10
Hexachlorobutadiene
Concen: 1.09 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:225 Resp: 3931

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	75.8
227	63.0	50.7	76.1



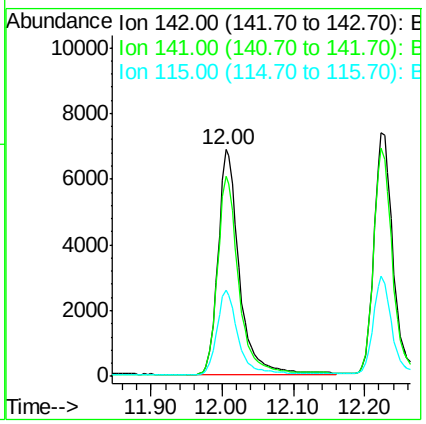


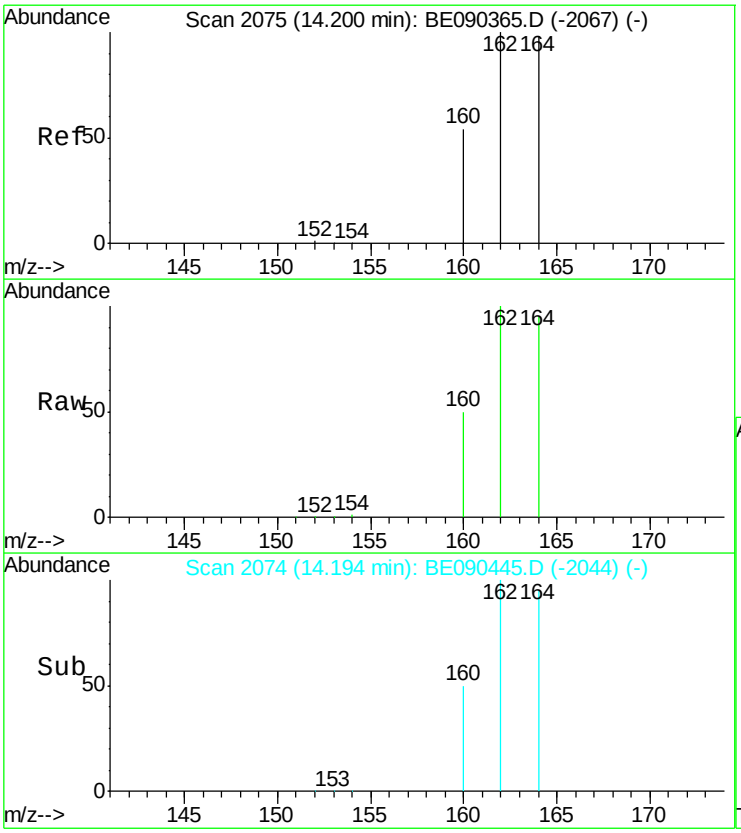
#11
2-Methylnaphthalene
Concen: 1.09 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 14252

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	109.0
115	38.3	31.6	47.4

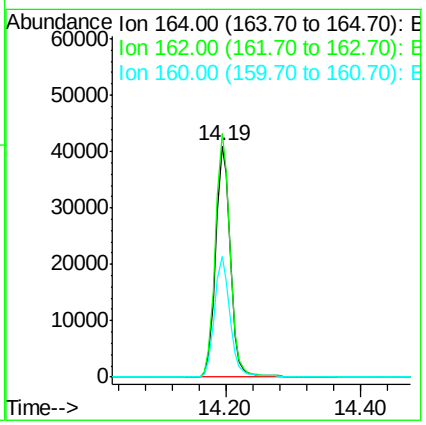


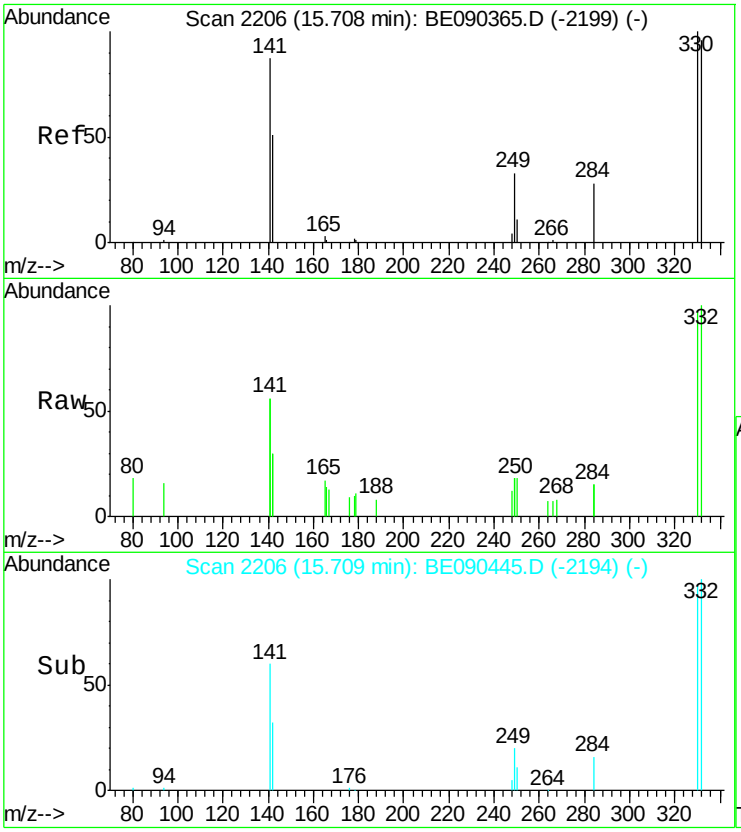


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:164 Resp: 61419

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.8
160	52.2	44.2	66.4



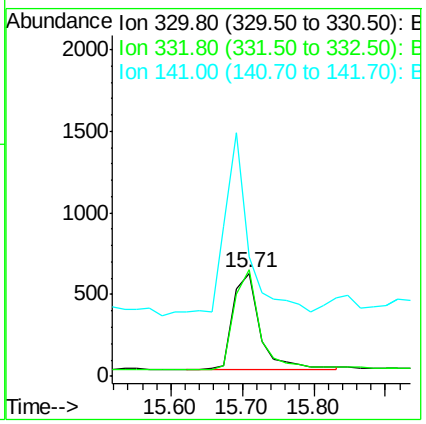


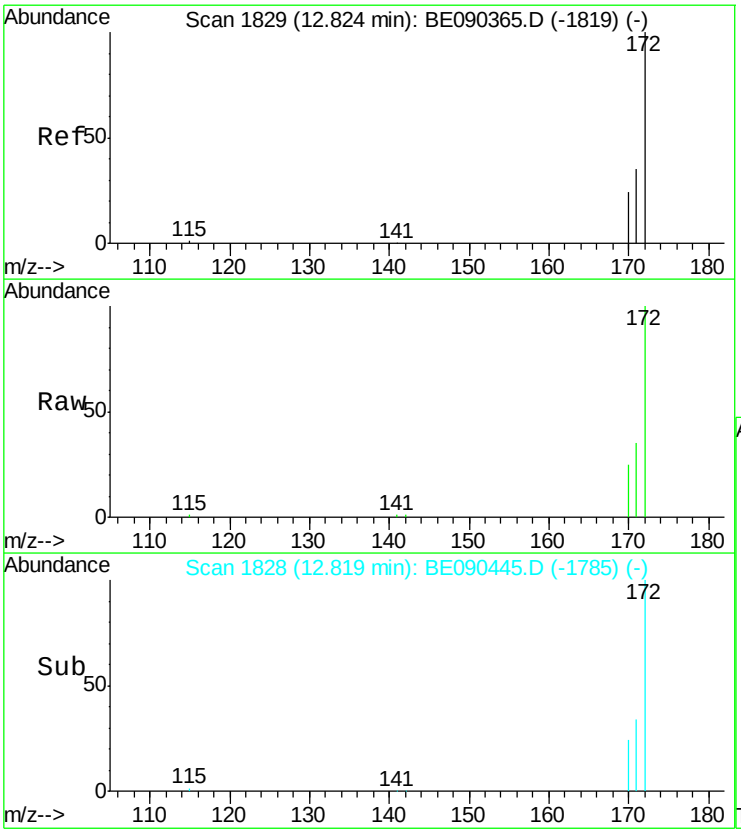
#13
2,4,6-Tribromophenol
Concen: 1.40 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 1510

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.8	113.6
141	173.2	114.4	171.6#

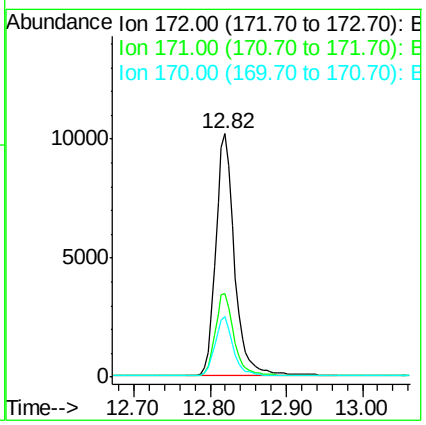


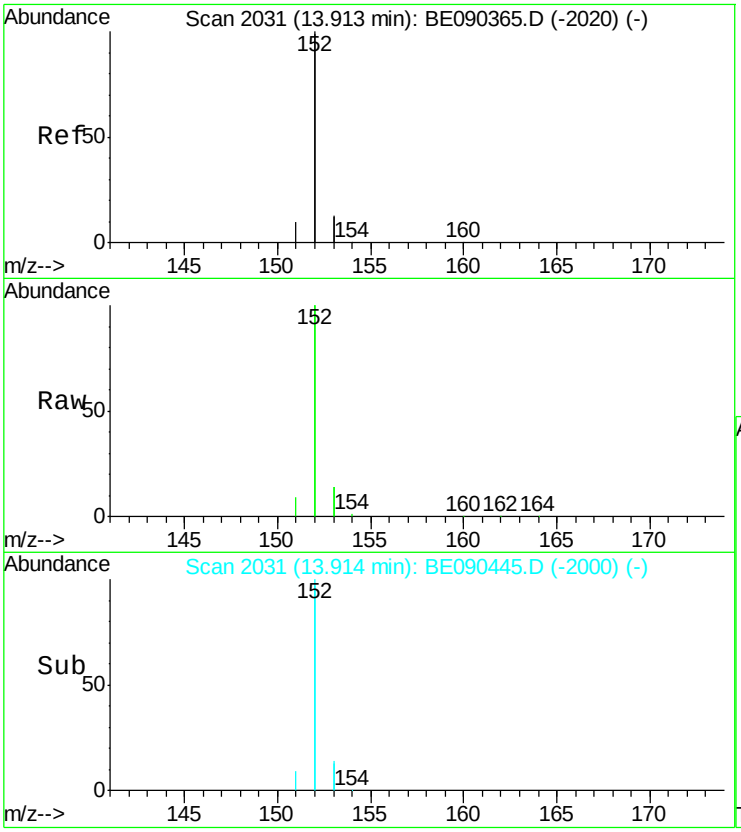


#14
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:172 Resp: 17445

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	24.8	19.8	29.8



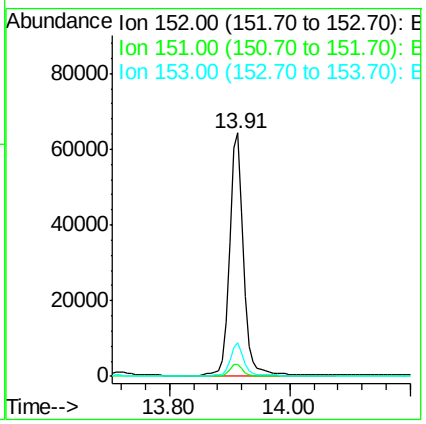


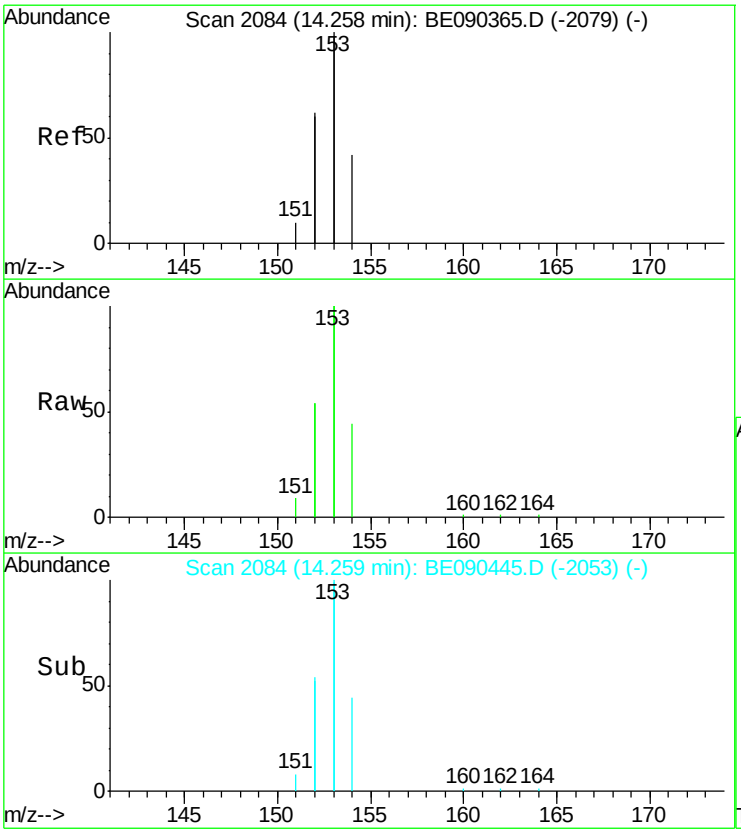
#15
Acenaphthylene
Concen: 1.04 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 103647

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.9	10.3	15.5

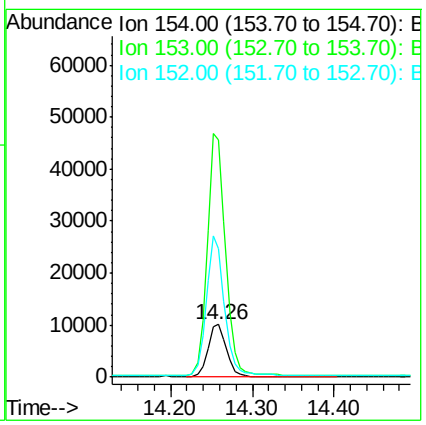


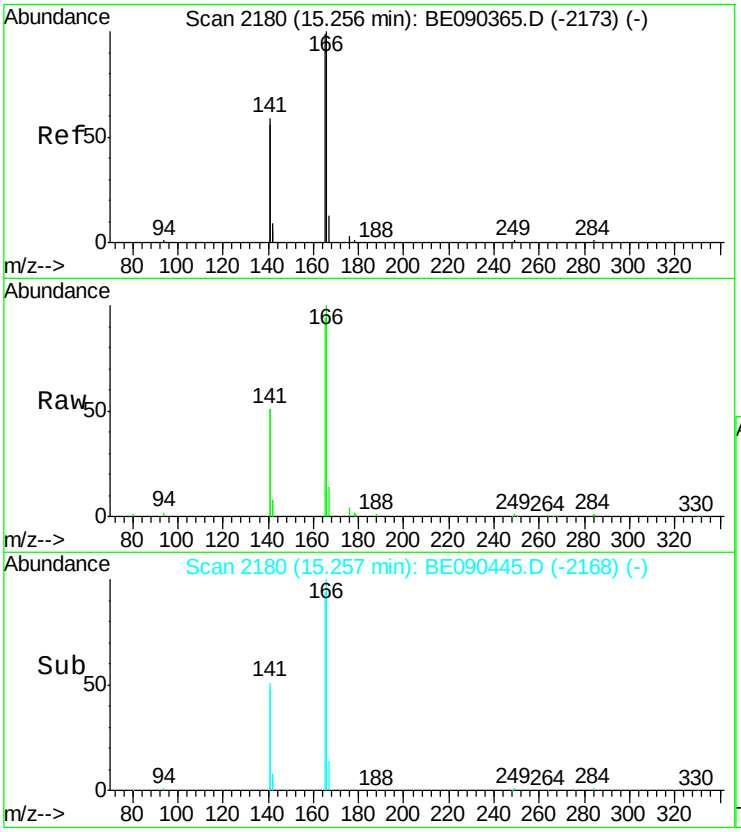


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:154 Resp: 15610

Ion	Ratio	Lower	Upper
154	100		
153	463.4	376.2	564.2
152	264.9	235.0	352.4



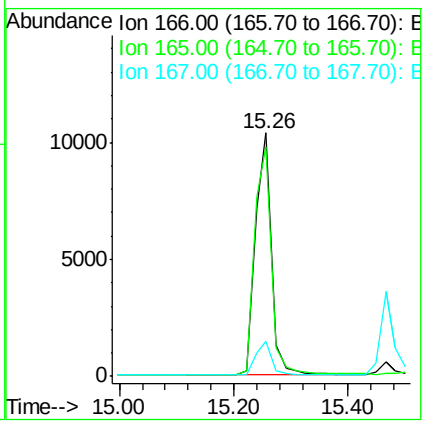


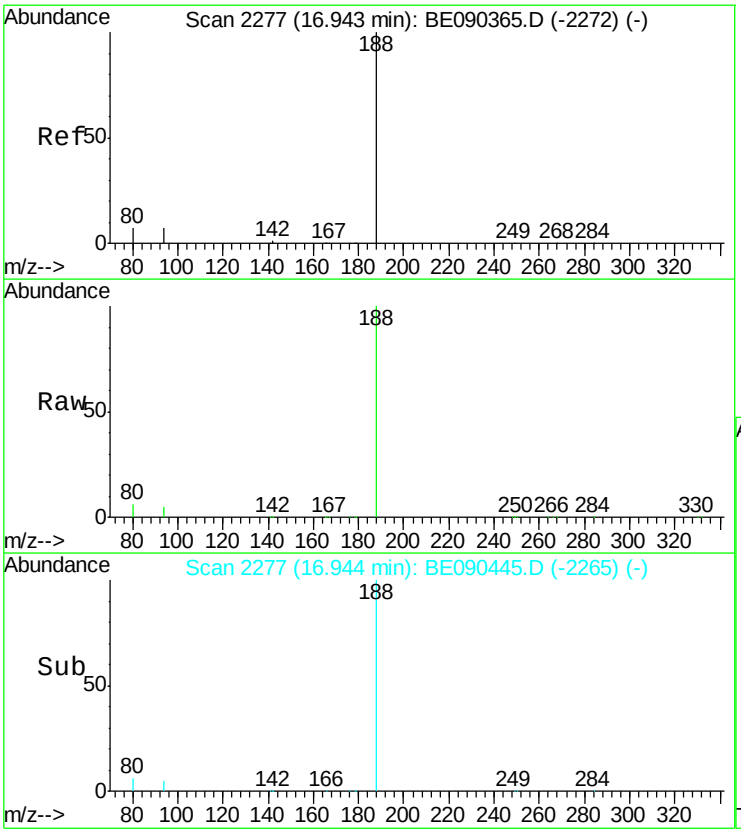
#17
Fluorene
Concen: 1.02 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 20500

Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.5	122.3
167	14.1	11.4	17.0

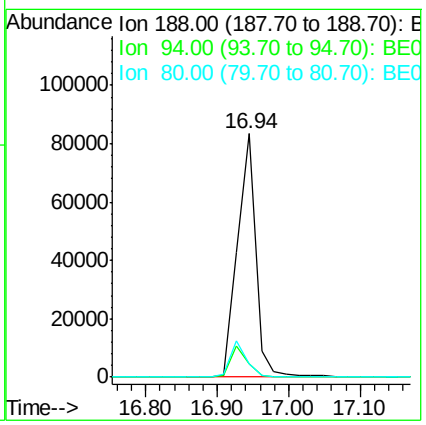


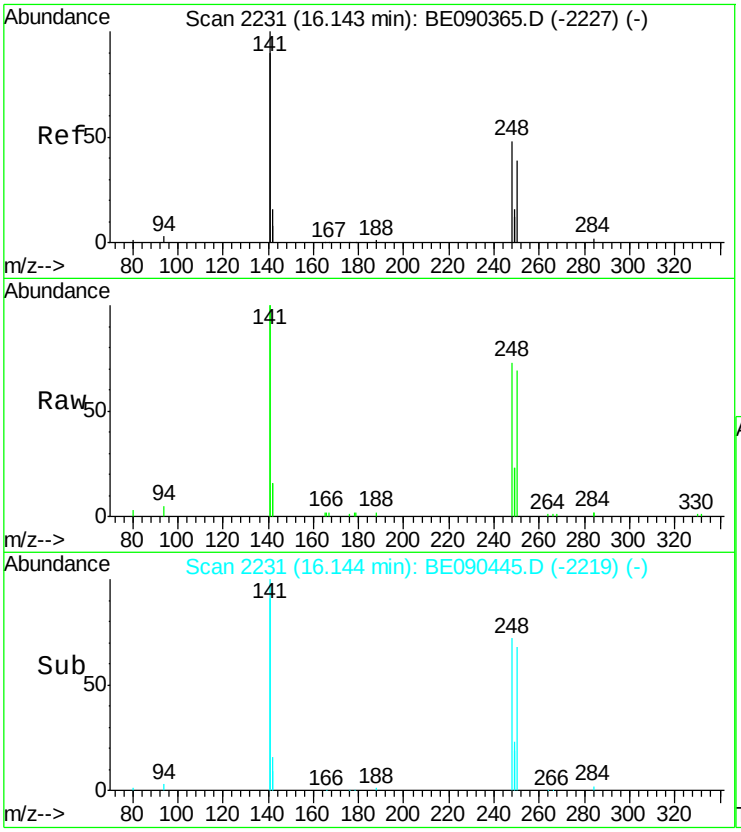


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:188 Resp: 146201

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.7	8.5#
80	5.7	5.8	8.8#



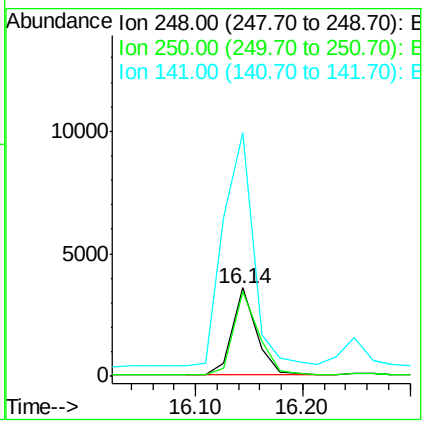


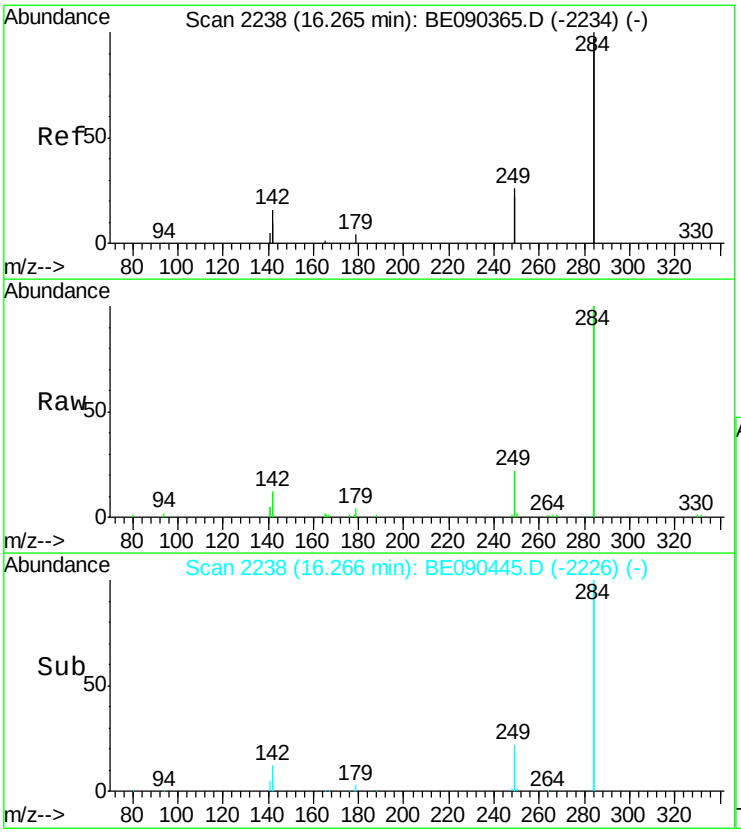
#19
4-Bromophenyl-phenylether
Concen: 0.99 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 5604

Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.0	118.6
141	332.9	239.5	359.3

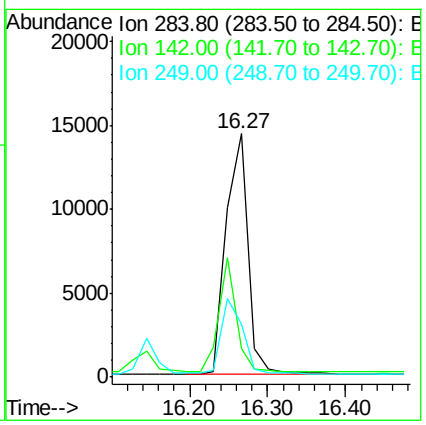


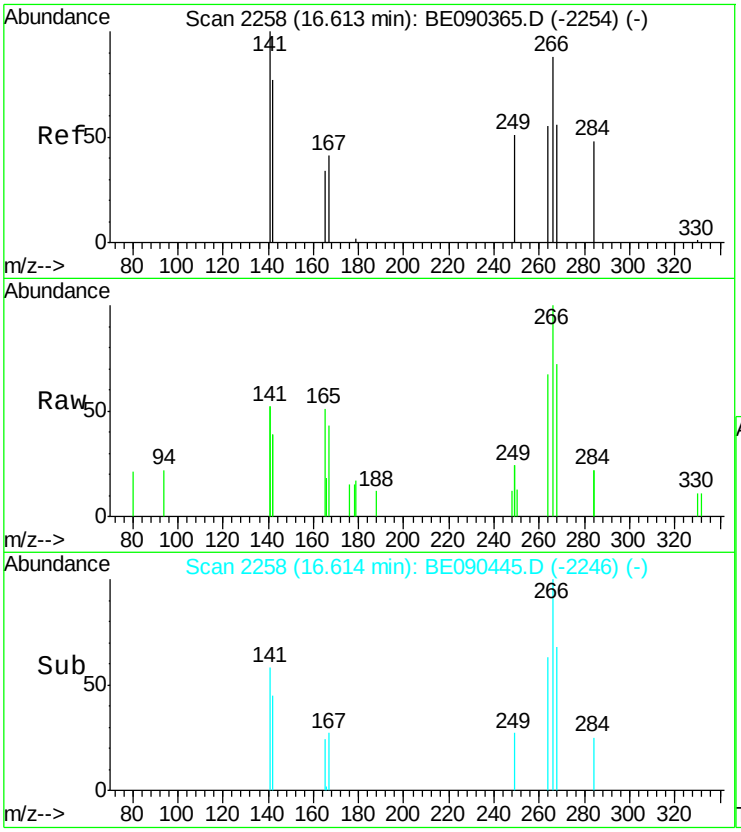


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:284 Resp: 27653

Ion	Ratio	Lower	Upper
284	100		
142	37.4	30.1	45.1
249	30.5	25.7	38.5



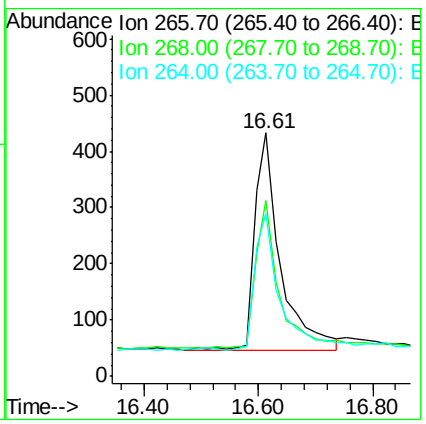


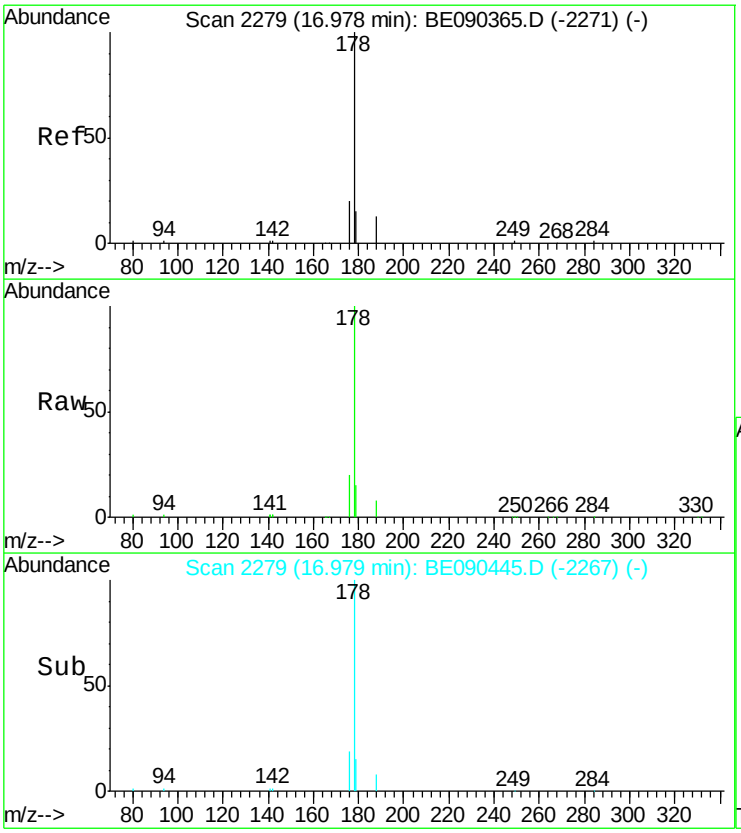
#21
Pentachlorophenol
Concen: 1.21 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1204

Ion	Ratio	Lower	Upper
266	100		
268	72.3	58.5	87.7
264	66.7	56.0	84.0

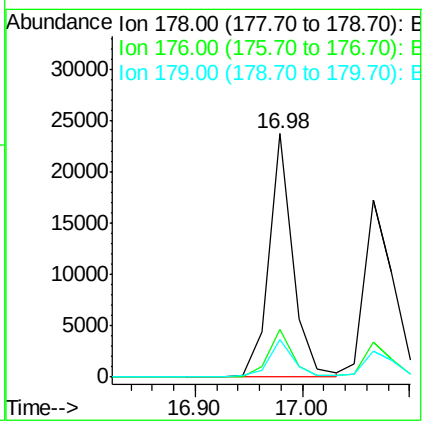


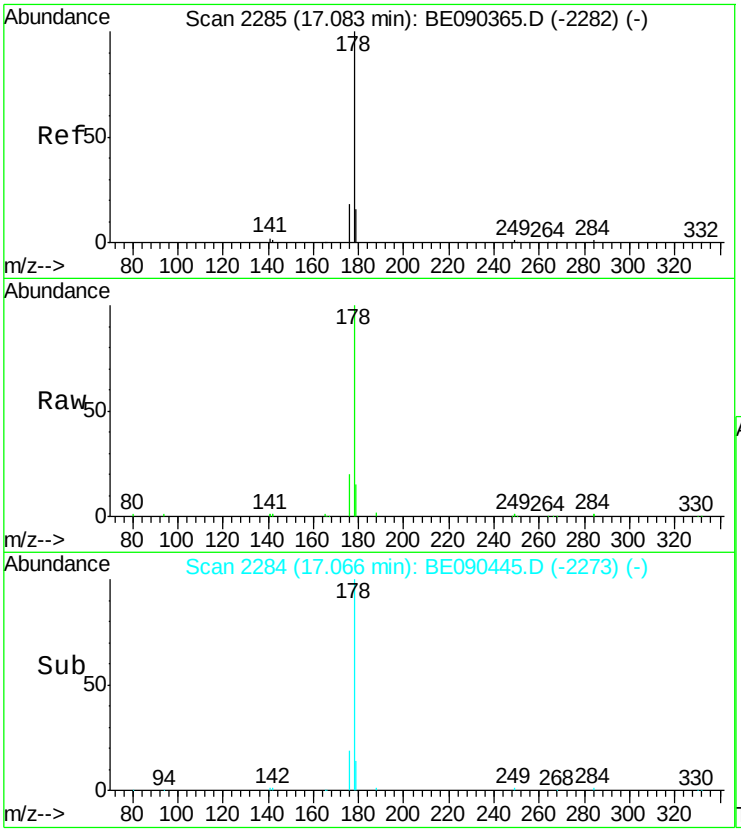


#22
Phenanthrene
Concen: 0.99 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:178 Resp: 36213

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.5	18.7



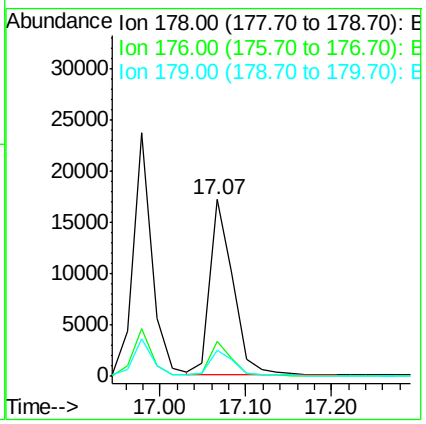


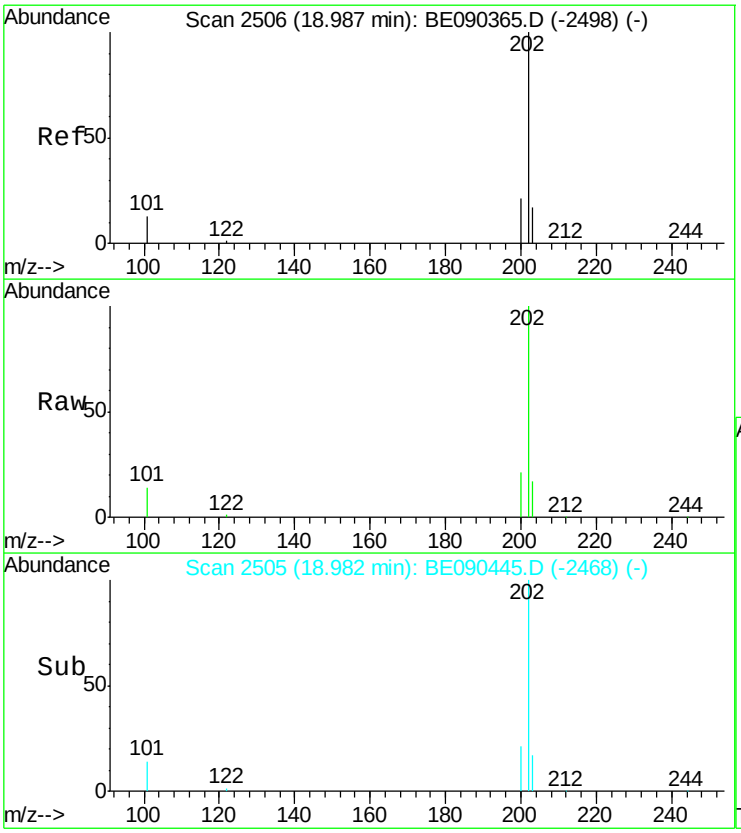
#23
Anthracene
Concen: 1.08 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 32367

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.0	12.2	18.4

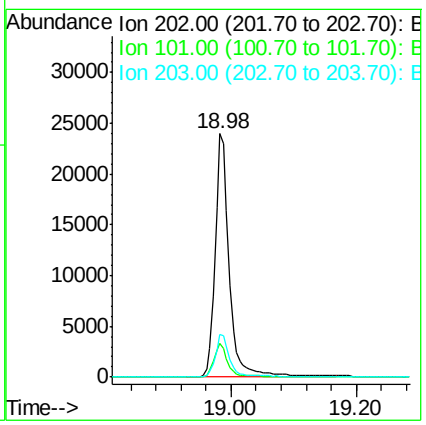


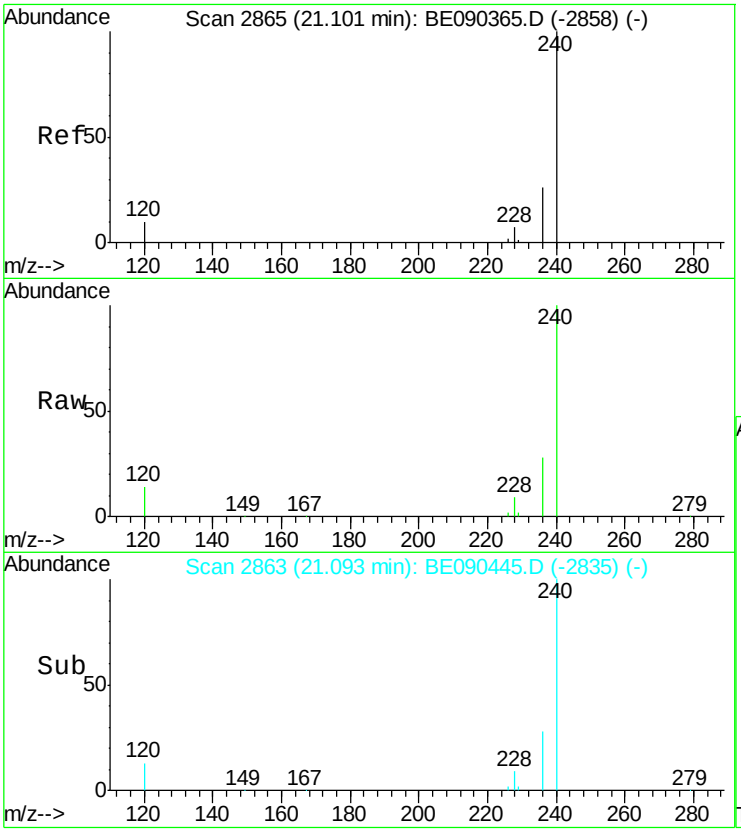


#24
Fluoranthene
Concen: 1.03 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:202 Resp: 37226

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
203	17.3	13.7	20.5



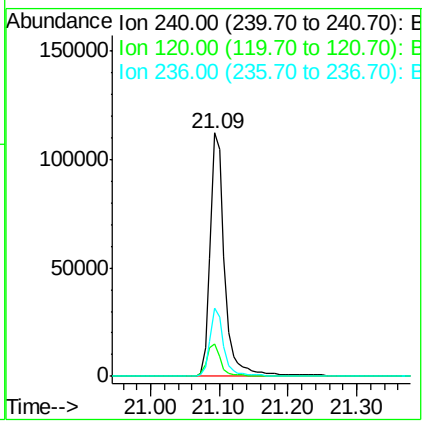


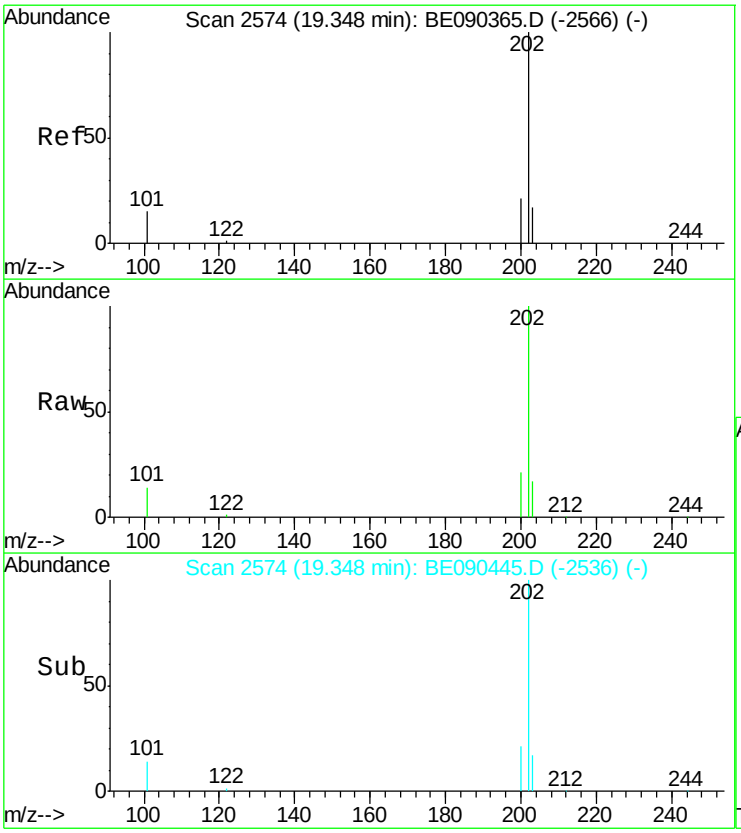
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 163863

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.3	12.5#
236	28.0	21.0	31.4

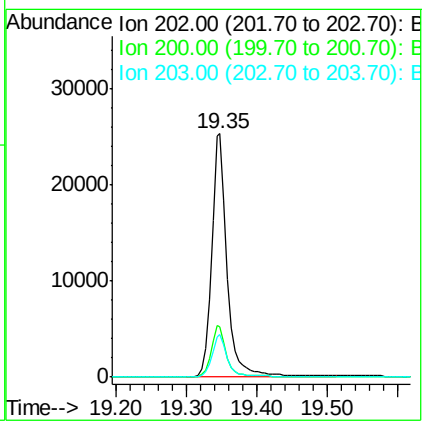


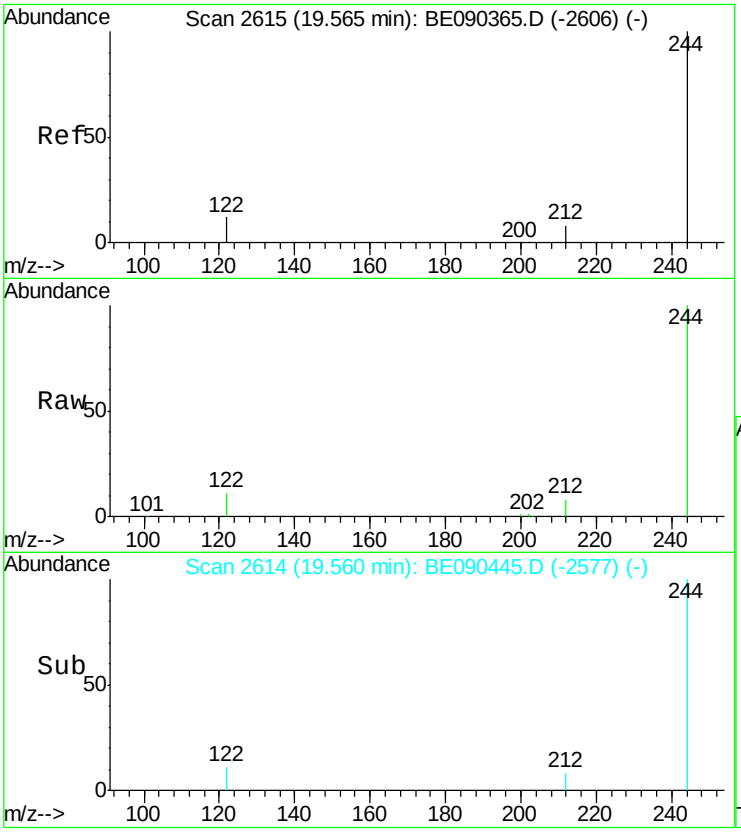


#26
Pyrene
Concen: 1.10 ng
RT: 19.35 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:202 Resp: 38982

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	13.8	20.8



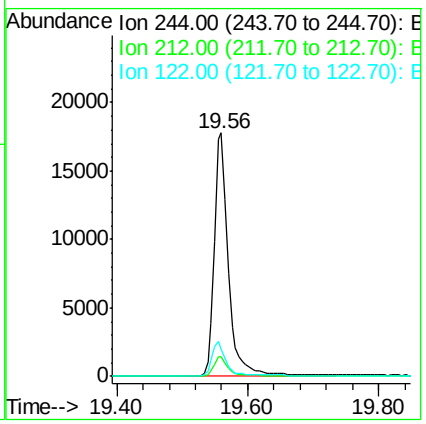


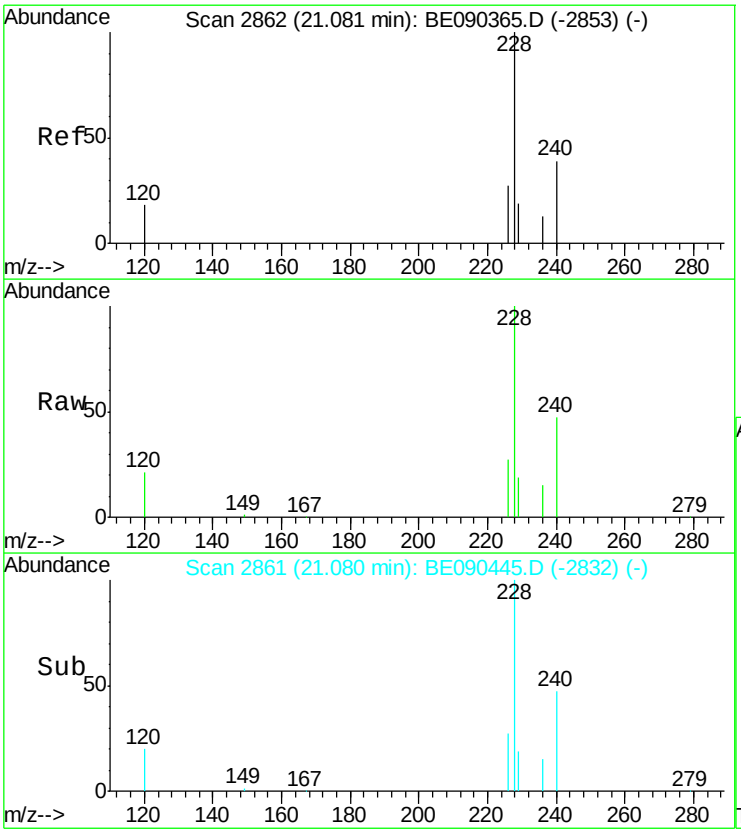
#27
Terphenyl-d14
Concen: 1.10 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 26540

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	11.4	10.2	15.4

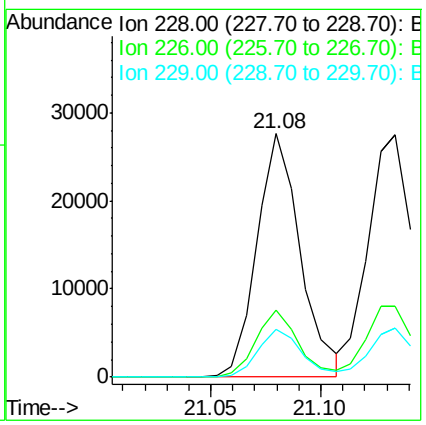


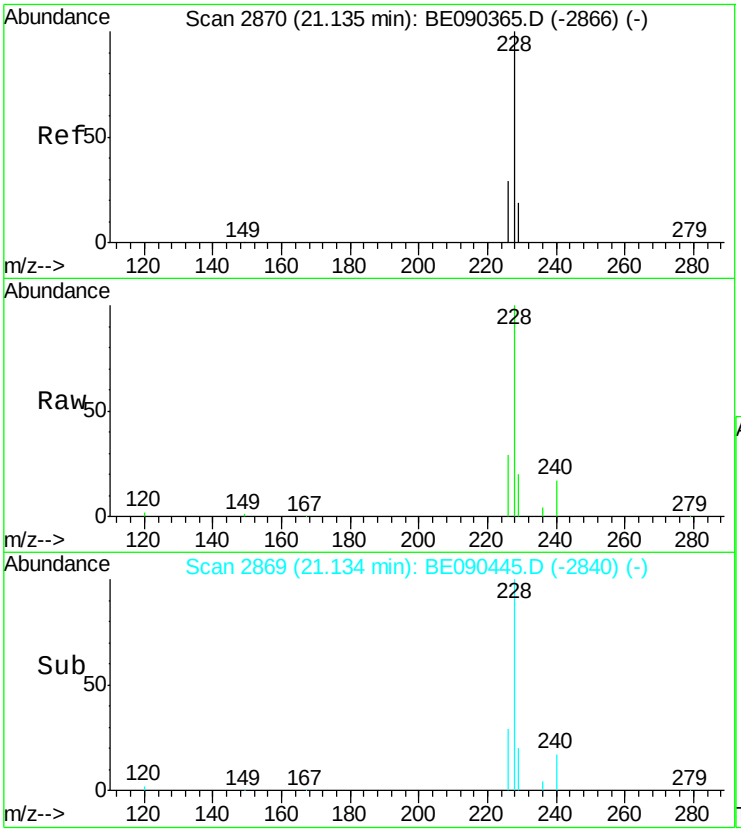


#28
Benzo(a)anthracene
Concen: 1.05 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:228 Resp: 38002

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.4	15.4	23.0



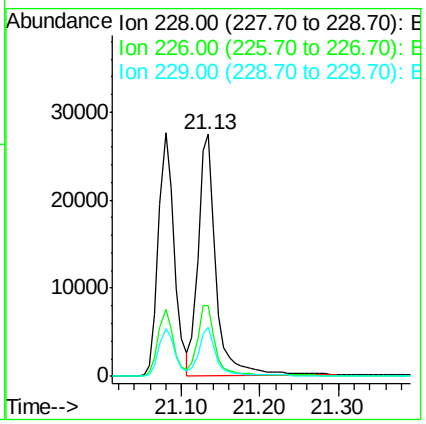


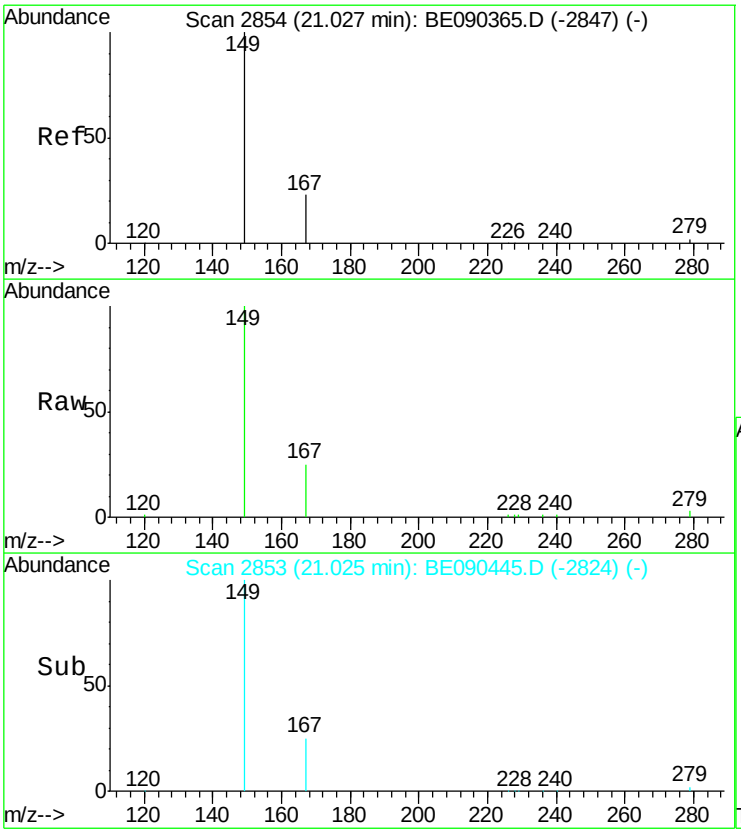
#29
Chrysene
Concen: 0.98 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 43085

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	20.2	15.8	23.8

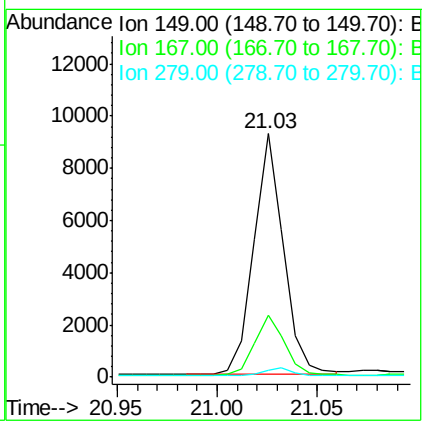


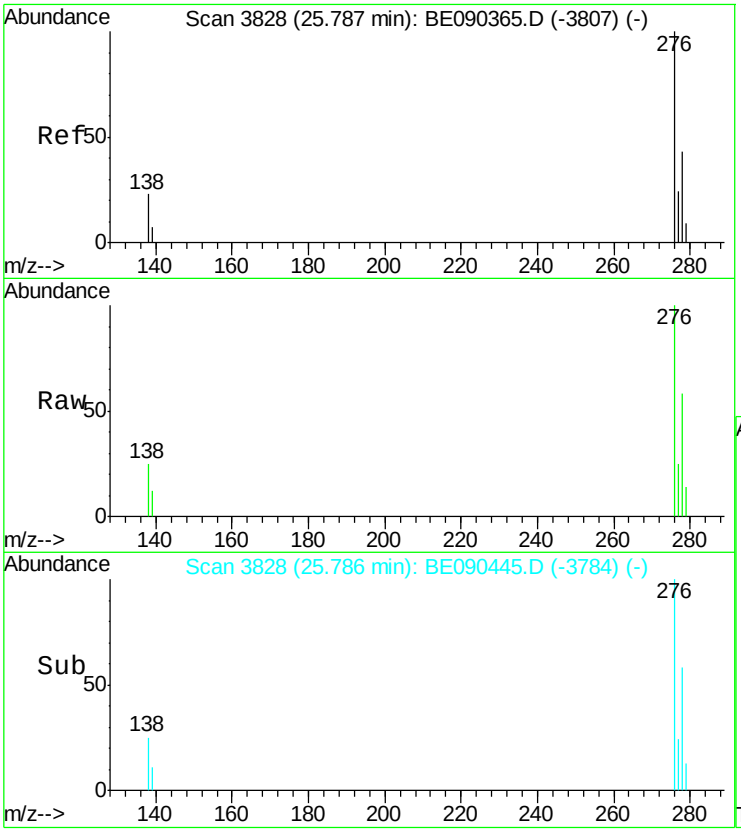


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.11 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:149 Resp: 9482

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.1	2.4	3.6



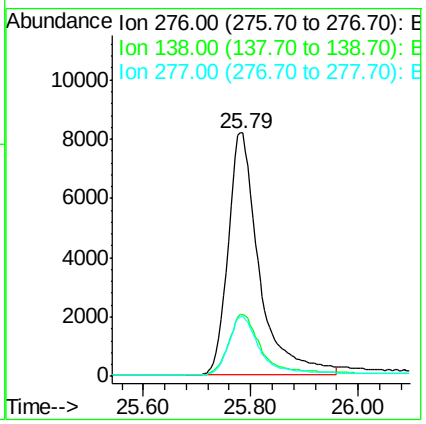


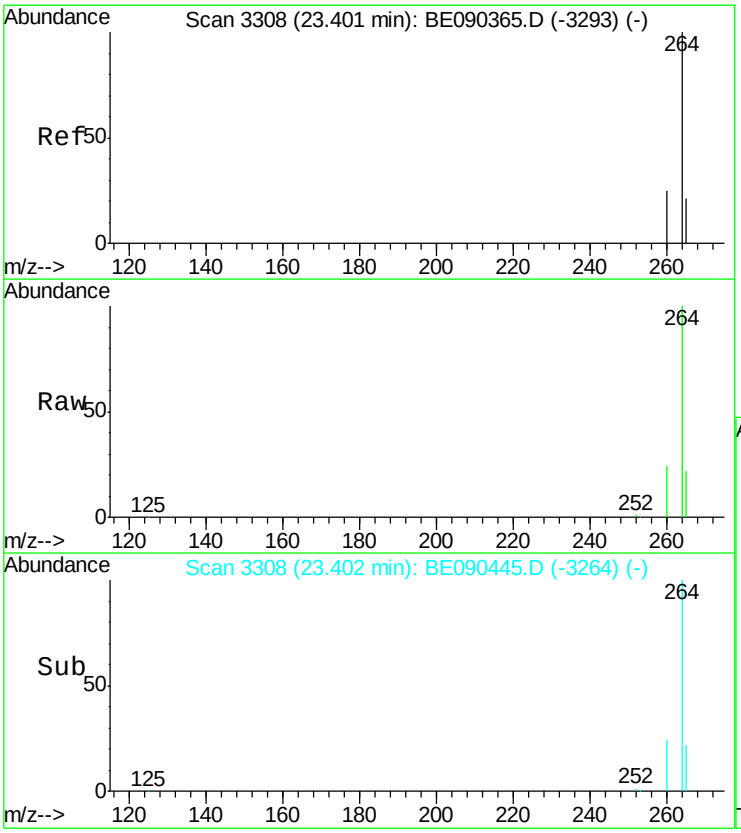
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 25.79 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 32953

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.8	28.2
277	24.1	18.2	27.4

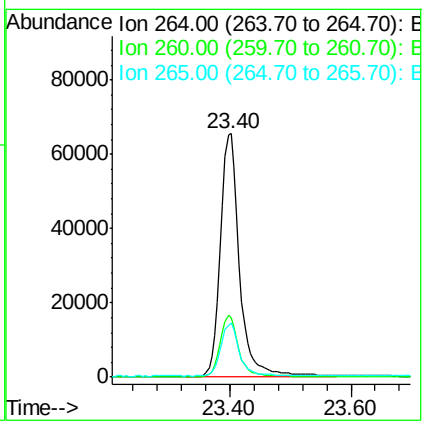


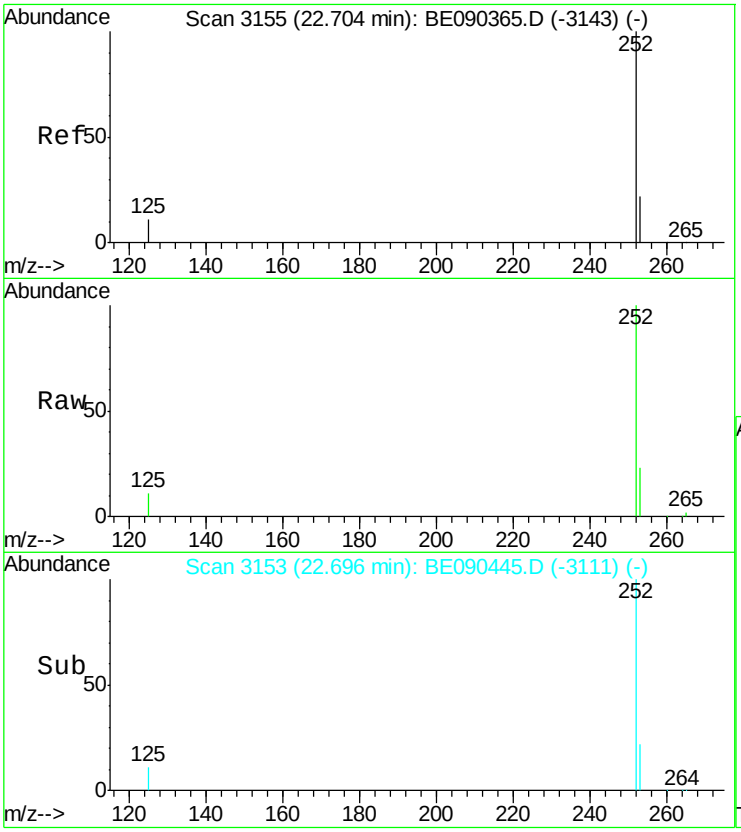


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:264 Resp: 144622

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.0	17.2	25.8



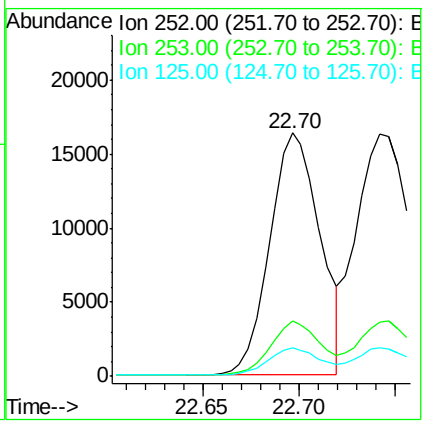


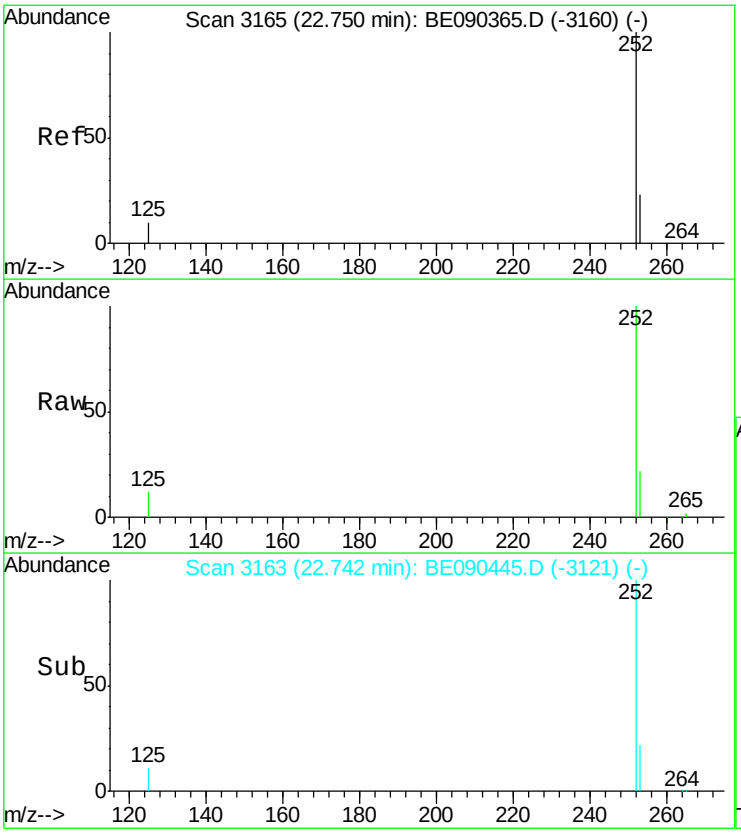
#33
Benzo(b)fluoranthene
Concen: 1.07 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 29663

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.5	9.4	14.2

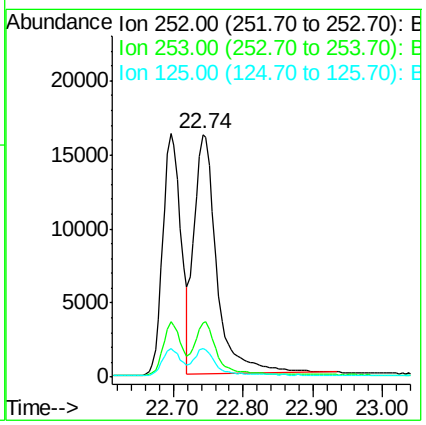


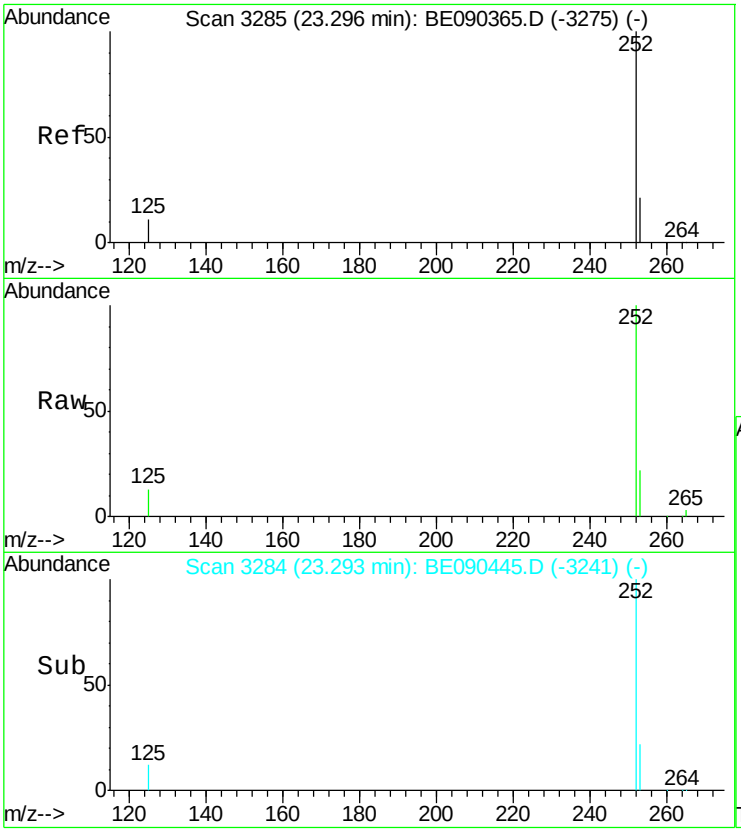


#34
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:252 Resp: 36859

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.7	9.1	13.7



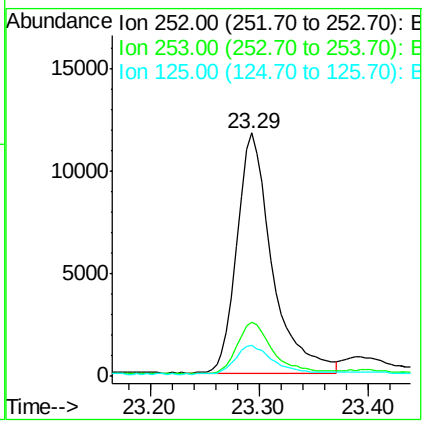


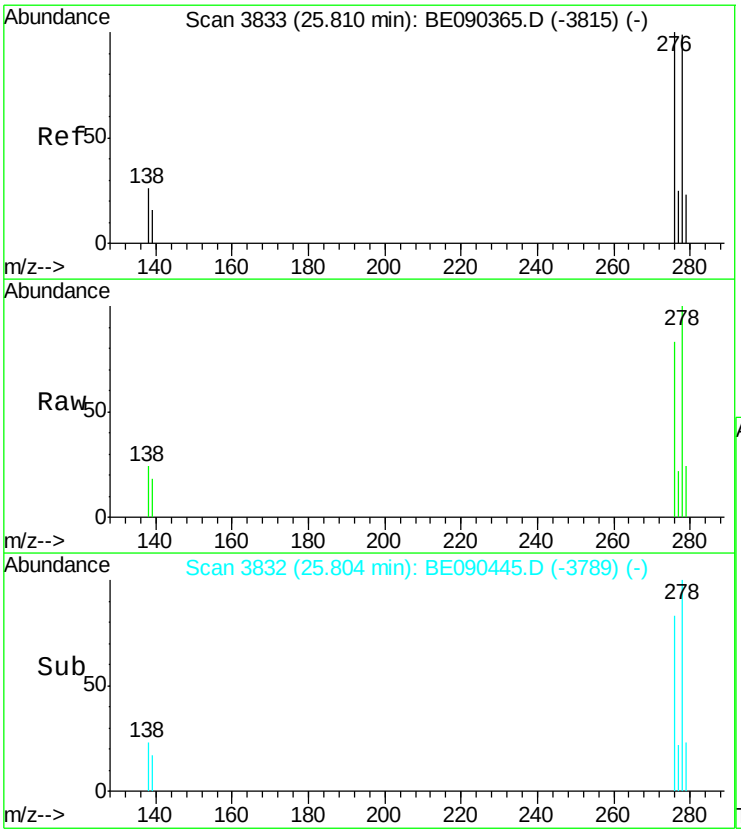
#35
Benzo(a)pyrene
Concen: 1.04 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 26209

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.0	9.8	14.6

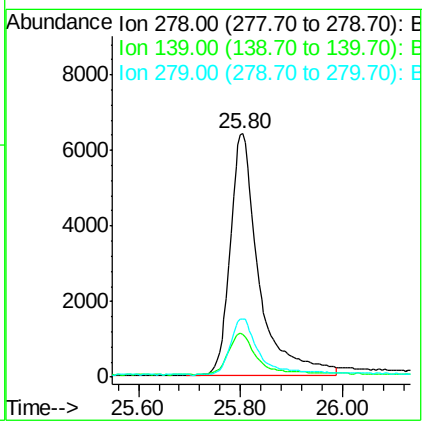


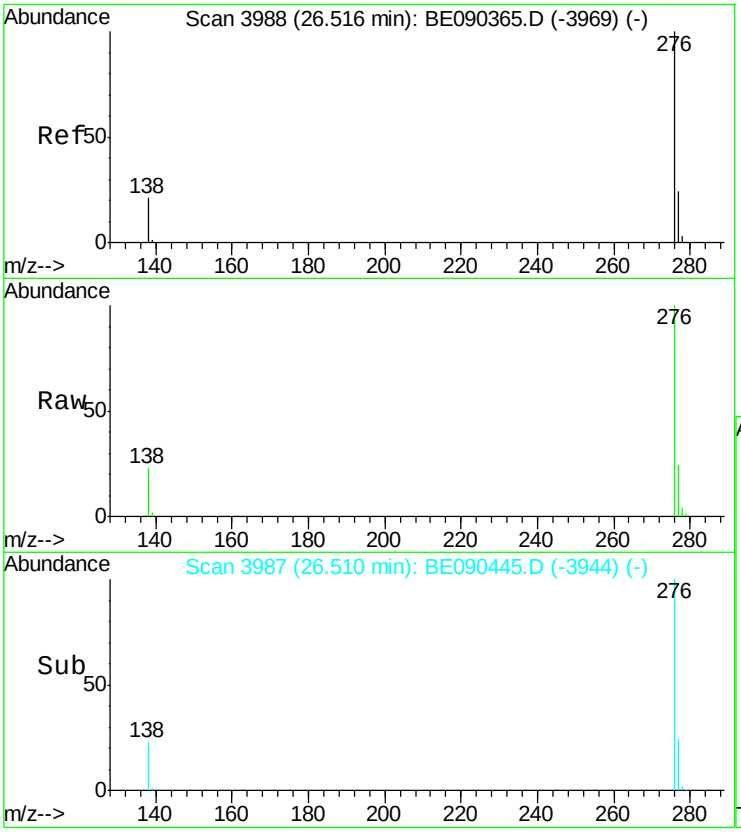


#36
Dibenzo(a,h)anthracene
Concen: 1.06 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:278 Resp: 24949

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.06 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 28321

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.1	30.1
138	23.5	18.1	27.1