Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090517.D
Acq On : 14 Aug 2015 12:54
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Aug 14 15:27:25 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	43945	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	219466	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	121235	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	262001	5.00	ng		0.00
25) Chrysene-d12	21.09	240	268798	5.00	ng		0.00
32) Perylene-d12	23.40	264	250618	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	5913	0.44	ng		0.00
5) Phenol-d6	6.77	99	8679	0.46	ng		0.00
7) Nitrobenzene-d5	8.72	82	7923	0.46	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2036	0.45	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	17133	0.45	ng		0.00
27) Terphenyl-d14	19.55	244	22989	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	2767	0.44	ng		92
3) n-Nitrosodimethylamine	3.49	42	3584	0.45	ng	#	80
8) Nitrobenzene	8.77	77	8166	0.46	ng		97
9) Naphthalene	10.38	128	23794	0.45	ng		99
10) Hexachlorobutadiene	10.68	225	3478	0.45	ng		100
11) 2-Methylnaphthalene	12.00	142	15291	0.45	ng		99
15) Acenaphthylene	13.91	152	103554	0.45	ng		100
16) Acenaphthene	14.26	154	15712	0.45	ng	#	78
17) Fluorene	15.24	166	19092	0.44	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5139	0.45	ng		83
20) Hexachlorobenzene	16.27	284	23294	0.46	ng		95
21) Pentachlorophenol	16.61	266	1561	0.44	ng		93
22) Phenanthrene	16.98	178	33019	0.45	ng		99
23) Anthracene	17.07	178	30022	0.46	ng		99
24) Fluoranthene	18.98	202	34860	0.46	ng		99
26) Pyrene	19.34	202	36089	0.45	ng		100
28) Benzo(a)anthracene	21.08	228	33227	0.45	ng		98
29) Chrysene	21.13	228	34487	0.45	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	16536	0.43	ng		98
31) Indeno(1,2,3-cd)pyrene	25.77	276	31141	0.45	ng	#	93
33) Benzo(b)fluoranthene	22.70	252	27281	0.44	ng		98
34) Benzo(k)fluoranthene	22.74	252	31120	0.44	ng		99
35) Benzo(a)pyrene	23.29	252	25286	0.45	ng	#	96
36) Dibenzo(a,h)anthracene	25.80	278	23871	0.44	ng		96
37) Benzo(g,h,i)perylene	26.51	276	26829	0.45	ng		96

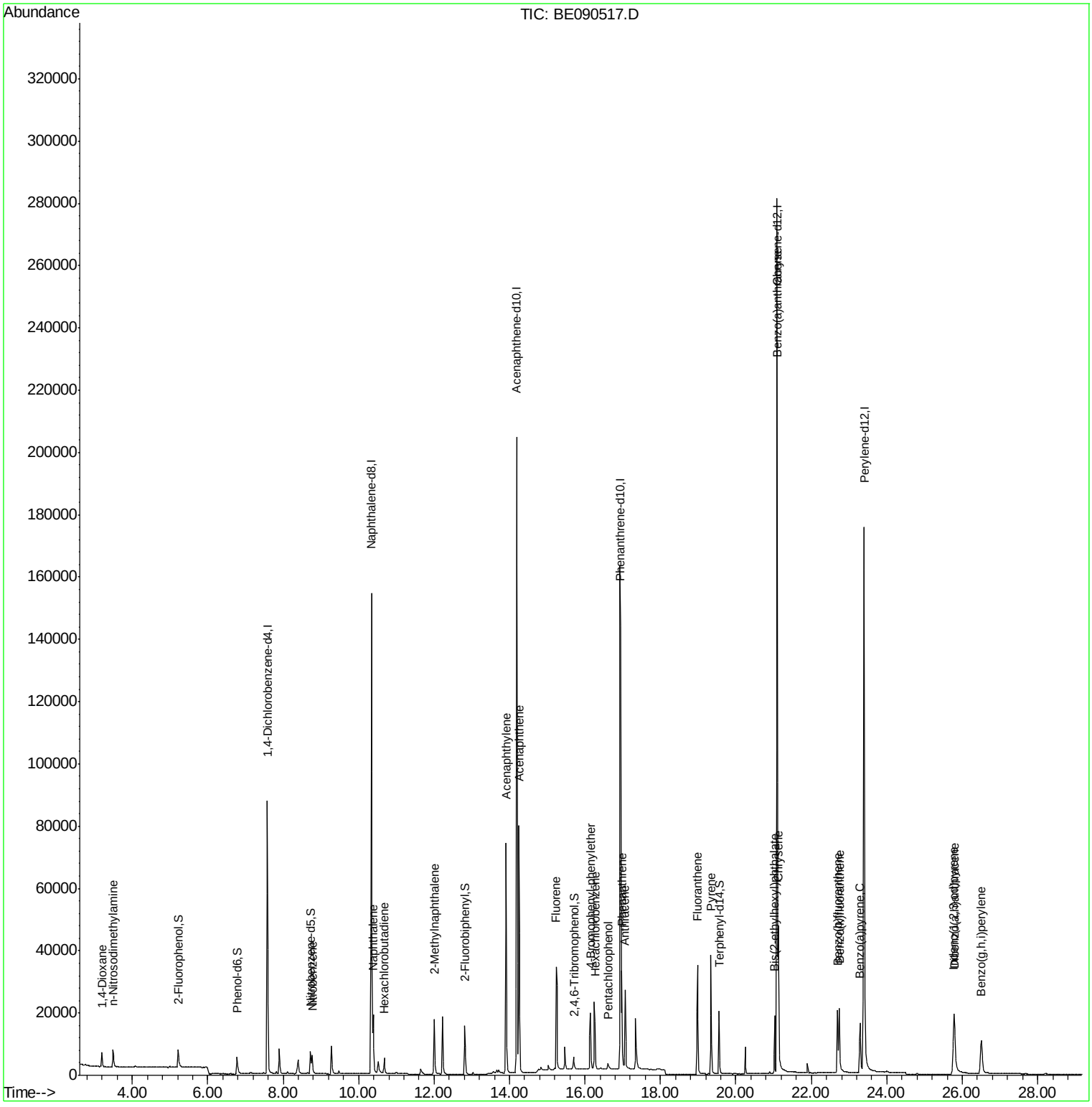
(#) = qualifier out of range (m) = manual integration (+) = signals summed

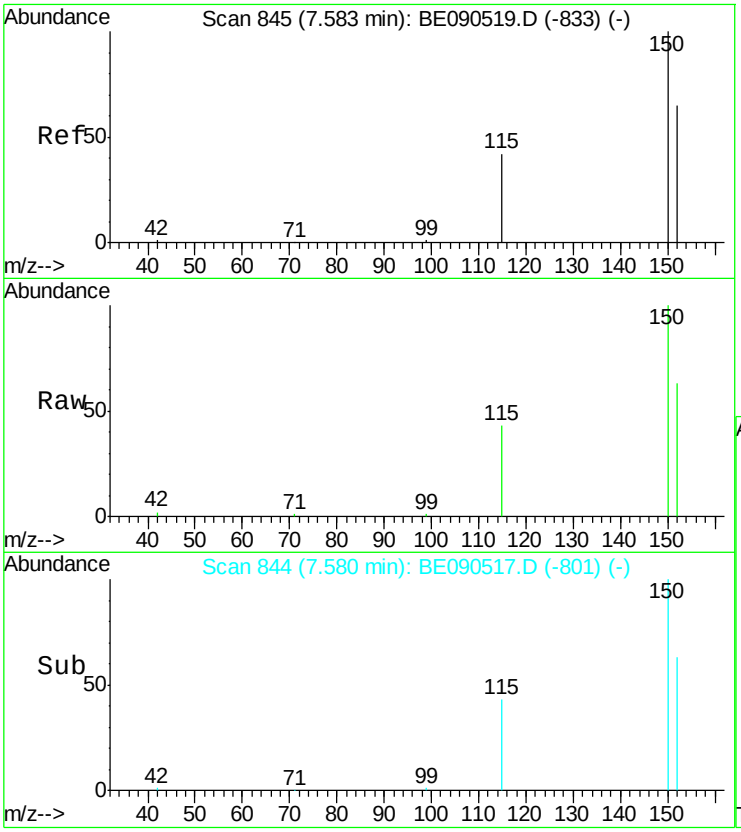
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090517.D
Acq On : 14 Aug 2015 12:54
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Aug 14 15:27:25 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 15:17:14 2015
Response via : Initial Calibration



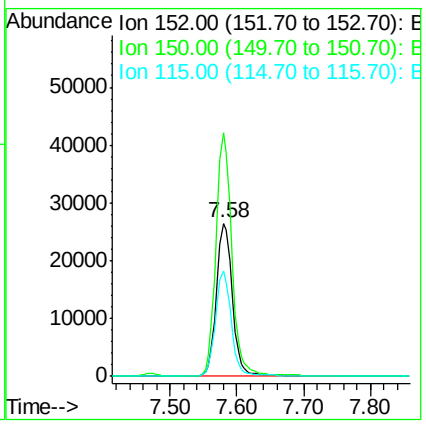


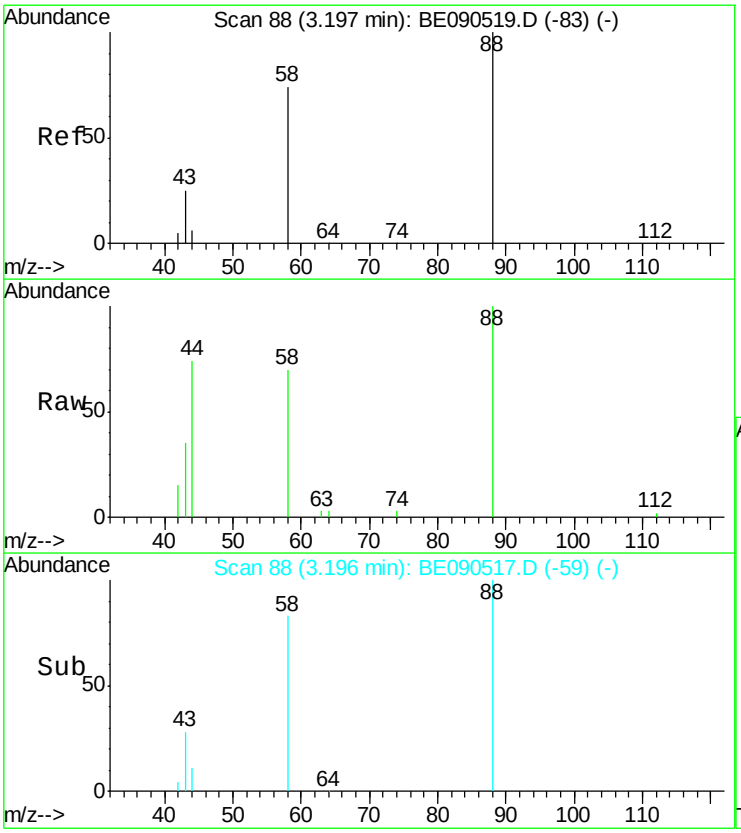
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 43945

Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.0	184.4
115	69.0	48.9	73.3

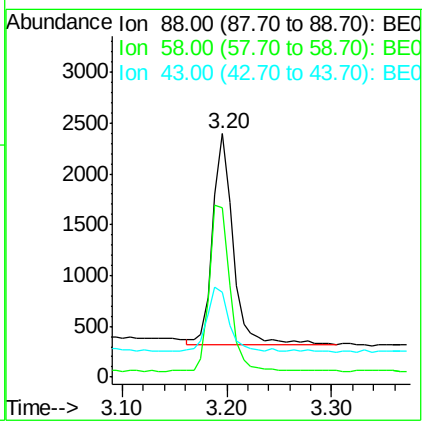


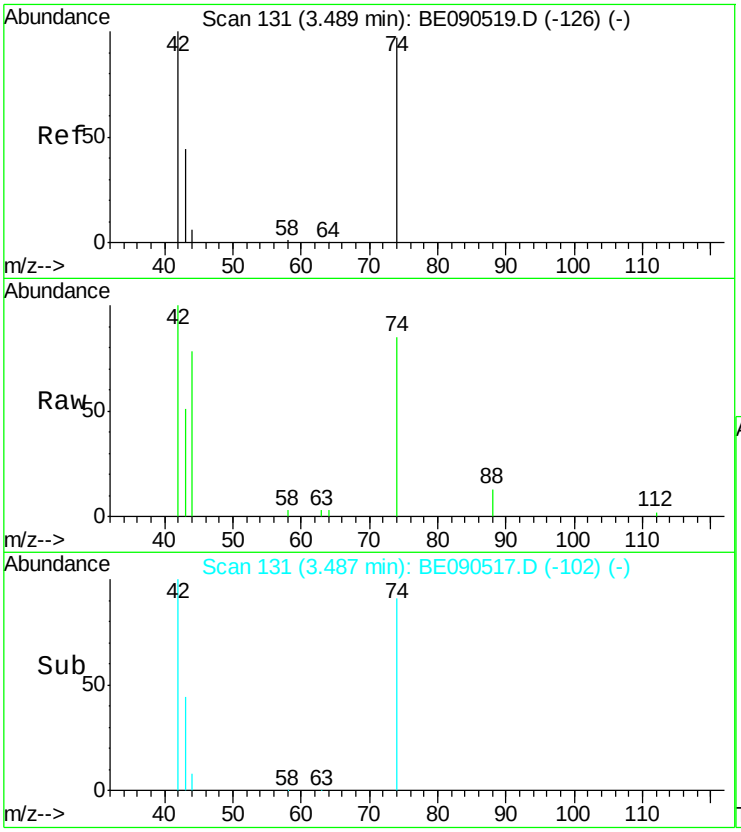


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.20 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion: 88 Resp: 2767

Ion	Ratio	Lower	Upper
88	100		
58	80.5	70.0	105.0
43	31.1	28.4	42.6



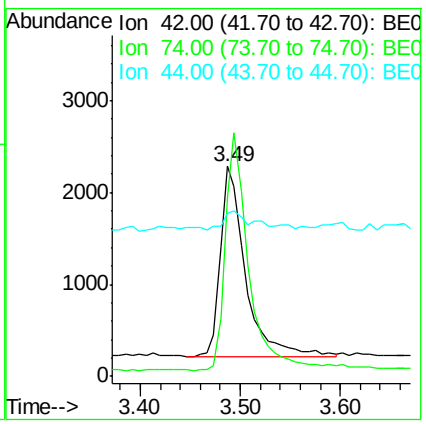


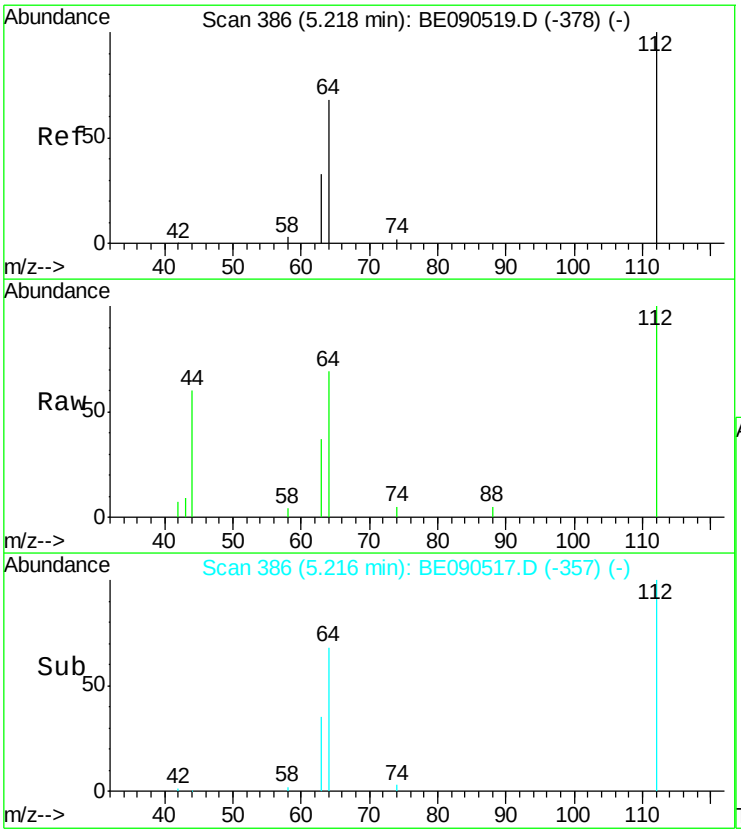
#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 3584

Ion	Ratio	Lower	Upper
42	100		
74	115.9	75.2	112.8#
44	11.0	8.7	13.1

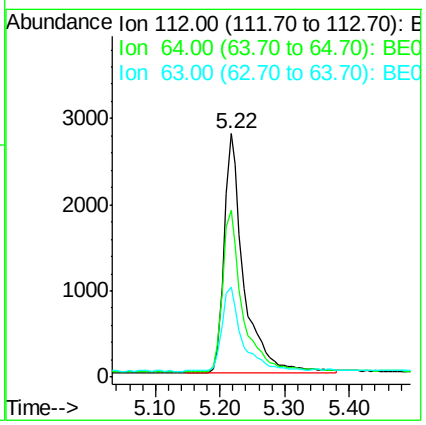


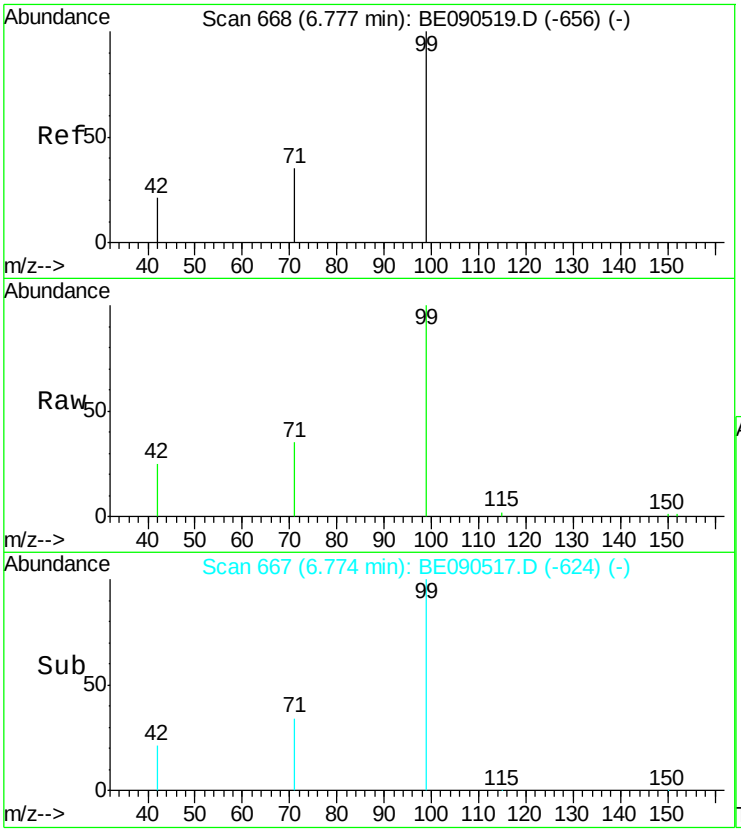


#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:112 Resp: 5913

Ion	Ratio	Lower	Upper
112	100		
64	69.0	37.1	55.7#
63	35.8	19.5	29.3#



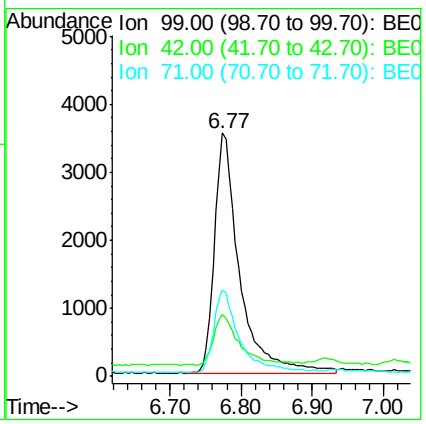


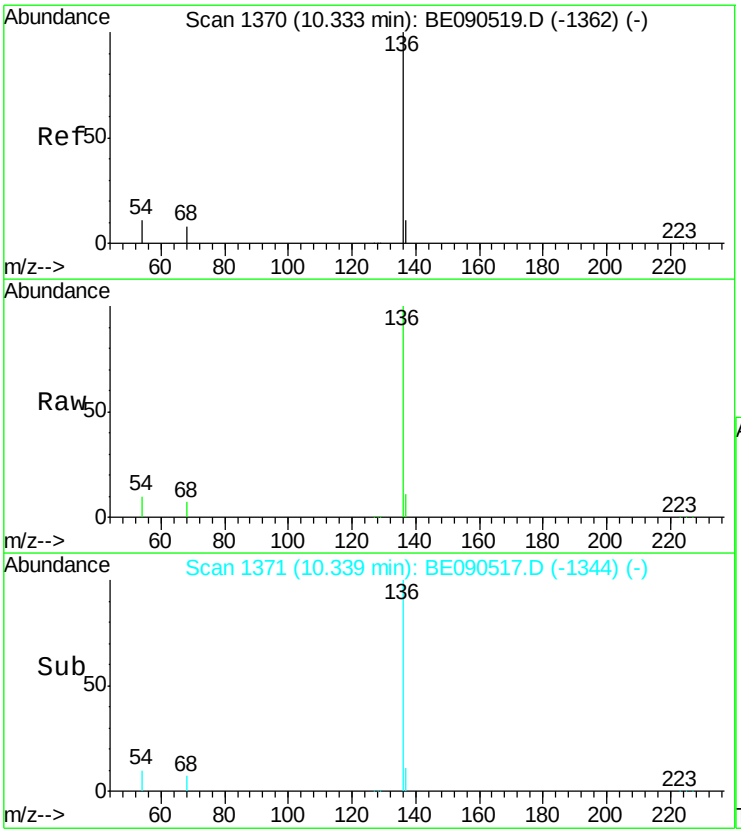
#5
Phenol-d6
Concen: 0.46 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 8679

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.2	27.4
71	34.5	27.4	41.0

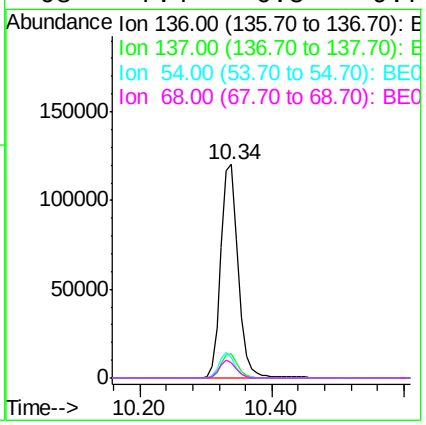


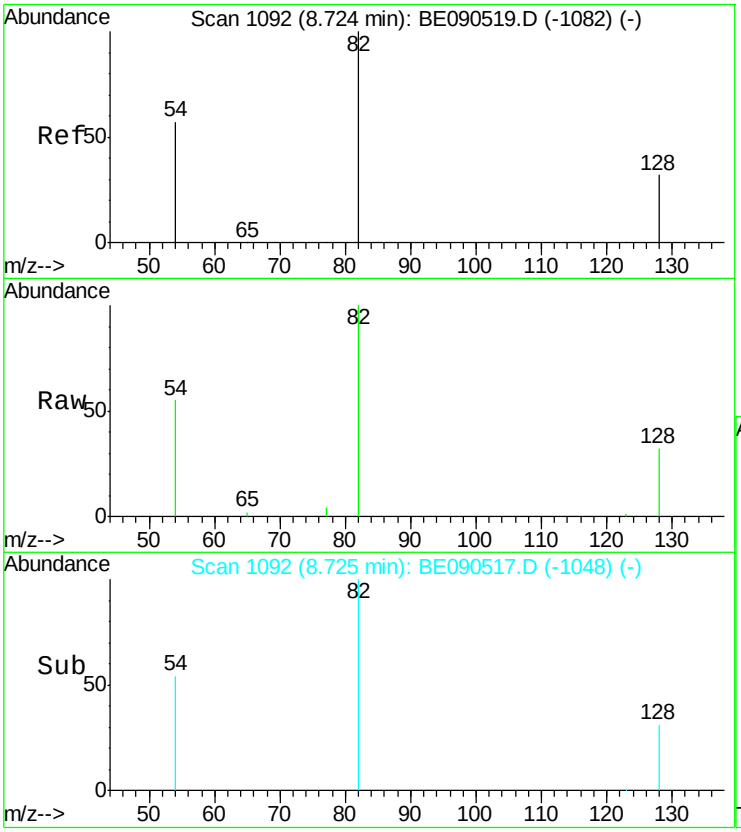


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:136 Resp: 219466

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	9.4	14.0
68	7.4	6.5	9.7



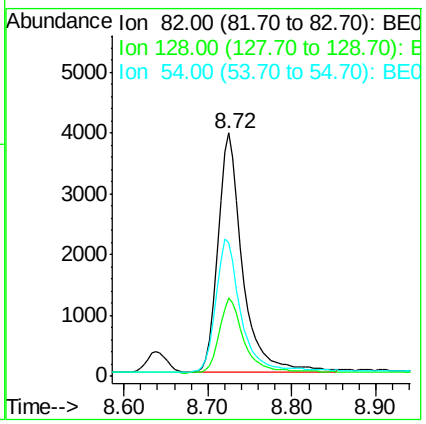


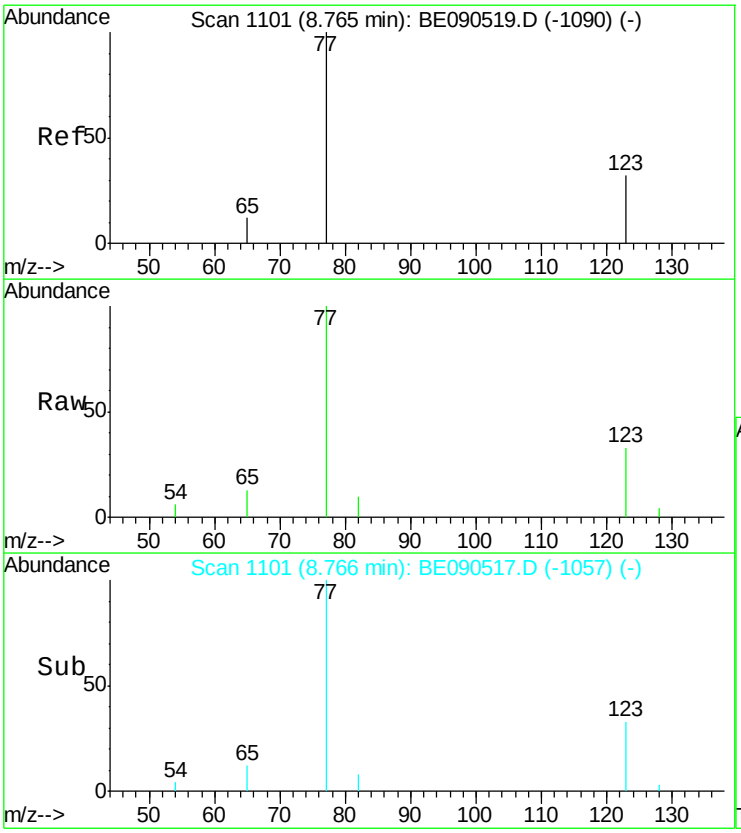
#7
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 7923

Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.0	37.6
54	55.1	48.8	73.2

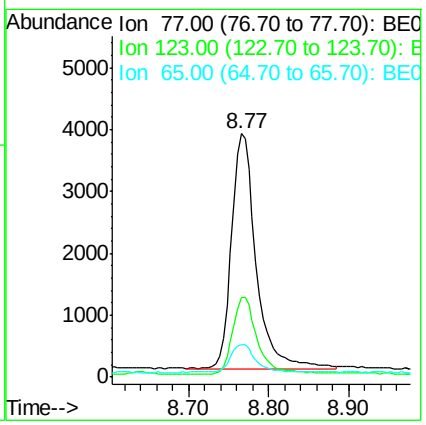


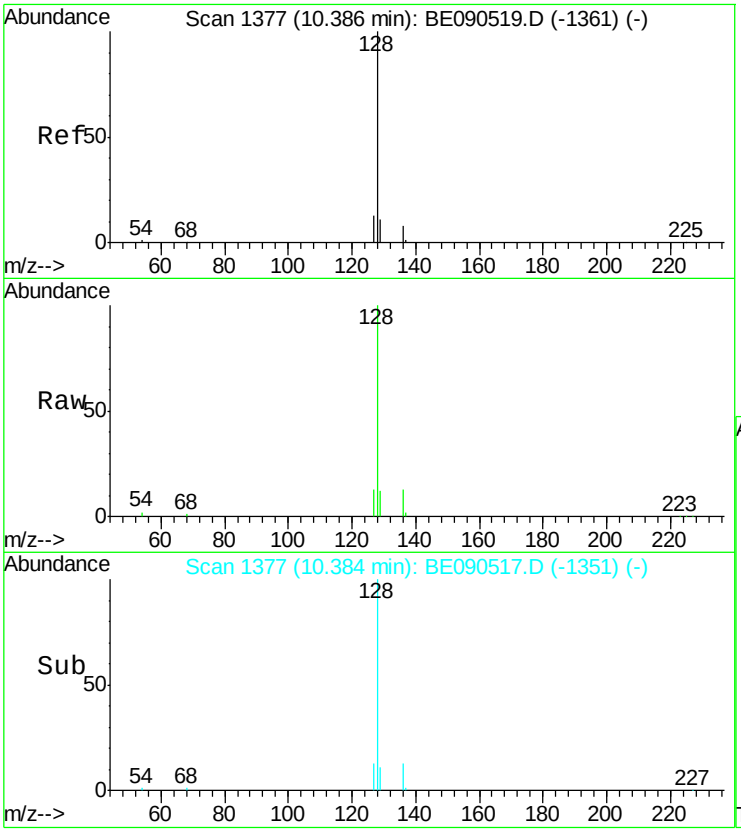


#8
Nitrobenzene
Concen: 0.46 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion: 77 Resp: 8166

Ion	Ratio	Lower	Upper
77	100		
123	33.3	25.1	37.7
65	12.1	9.3	13.9



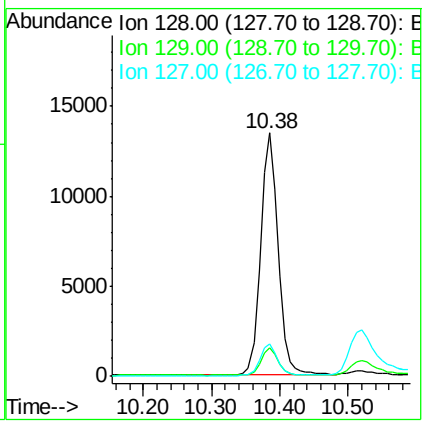


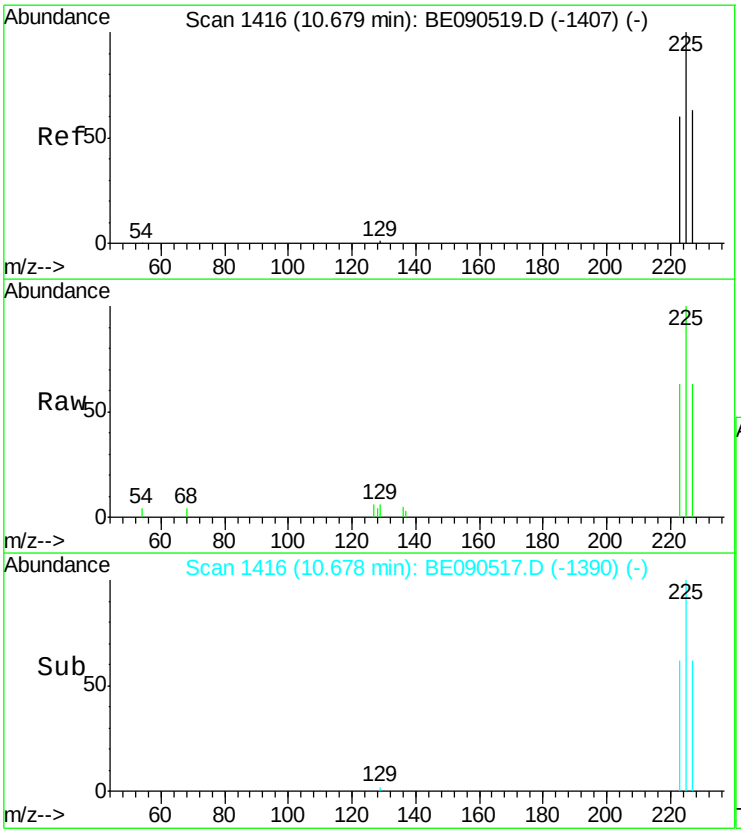
#9
Naphthalene
Concen: 0.45 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 23794

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.4	10.6	16.0

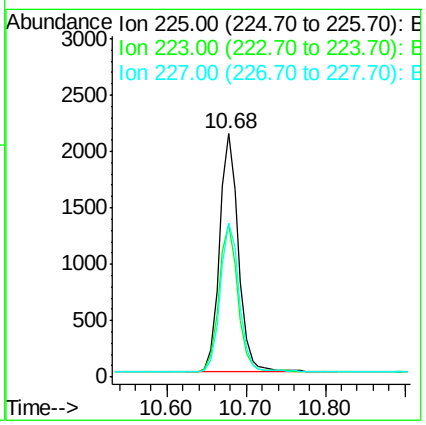


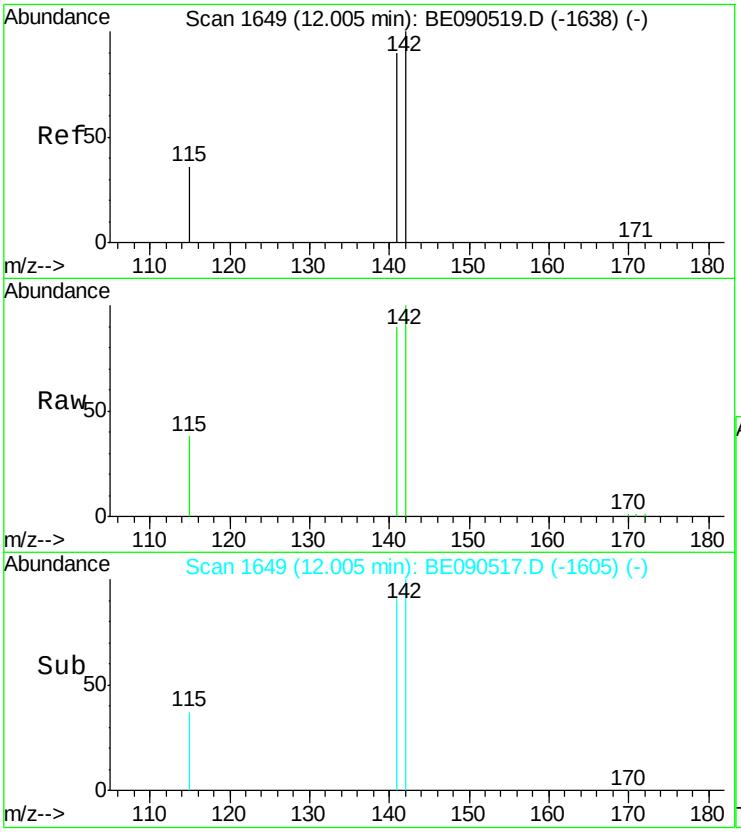


#10
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:225 Resp: 3478

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	75.8
227	63.4	50.7	76.1



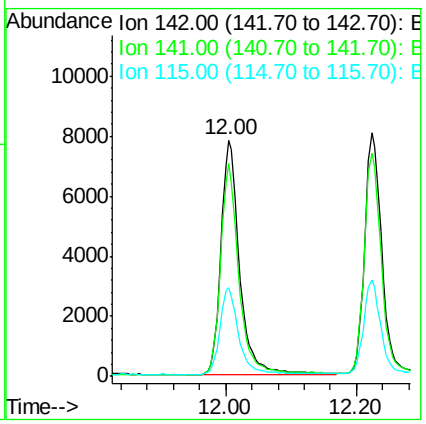


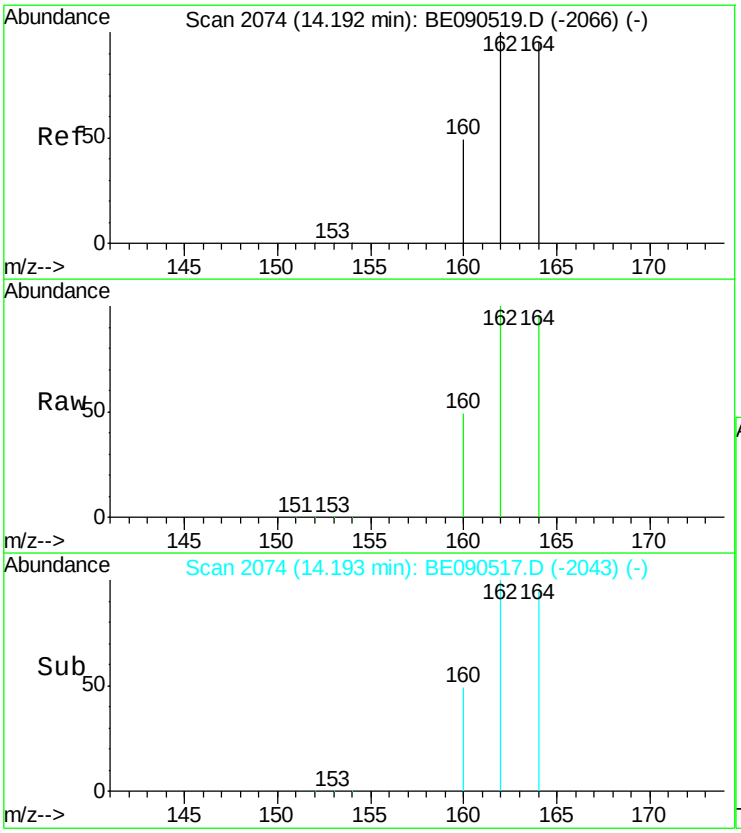
#11
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 15291

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	109.0
115	37.6	31.6	47.4

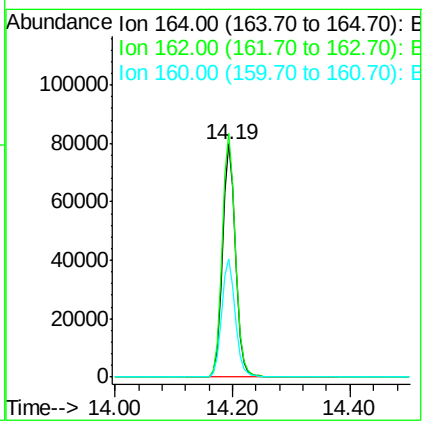


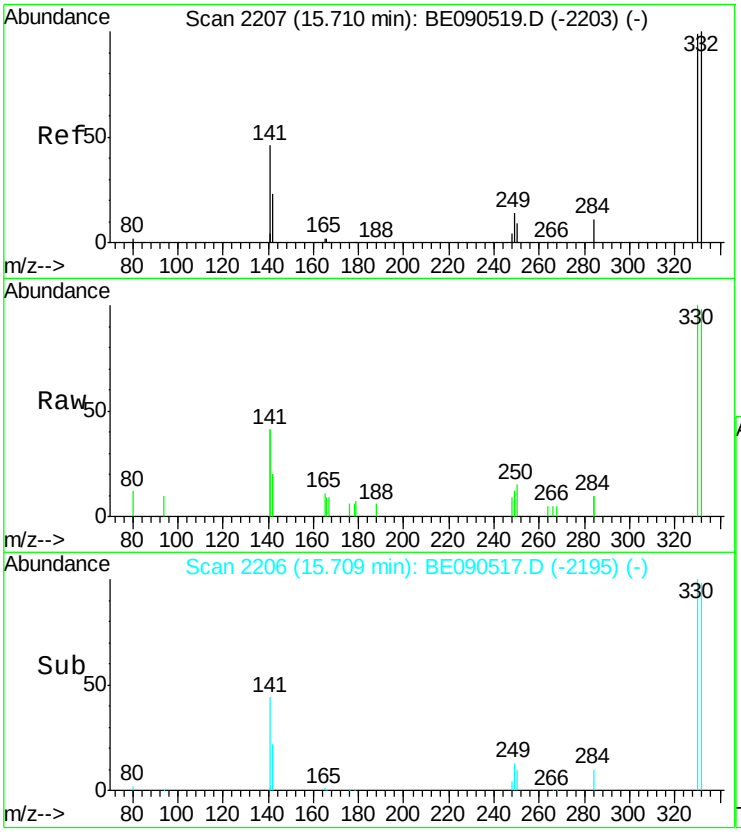


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:164 Resp: 121235

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.8
160	50.9	44.2	66.4



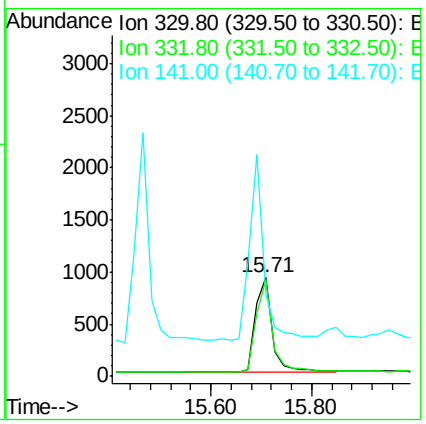


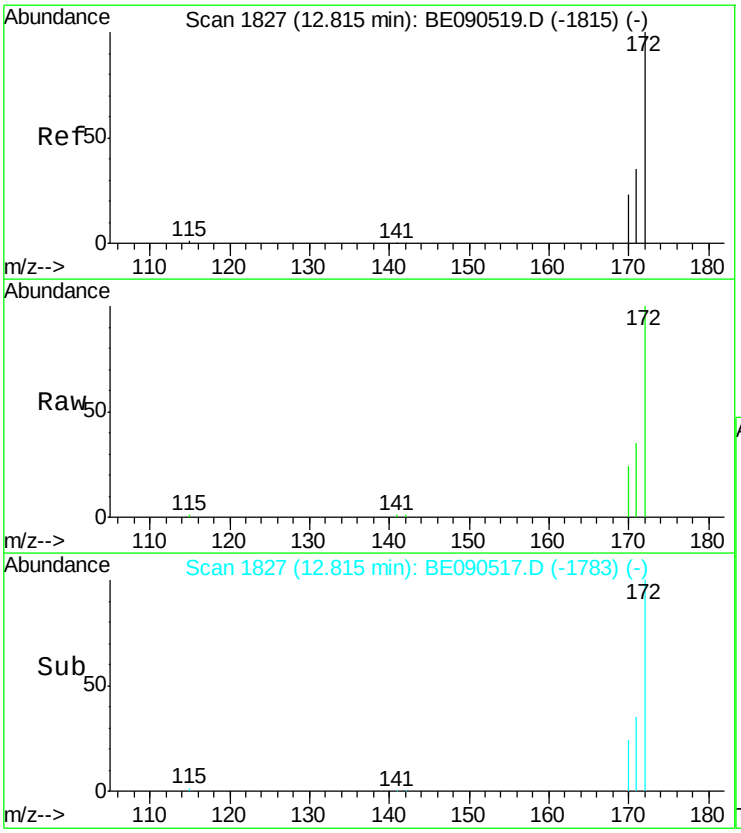
#13
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 2036

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	172.0	114.4	171.6#

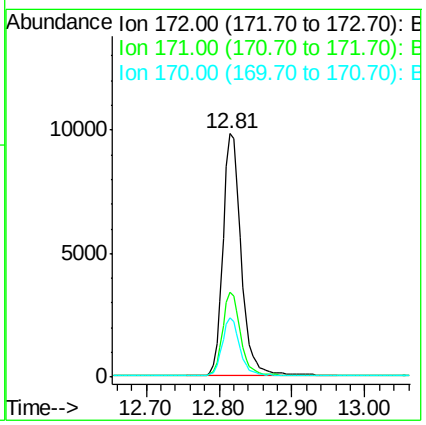


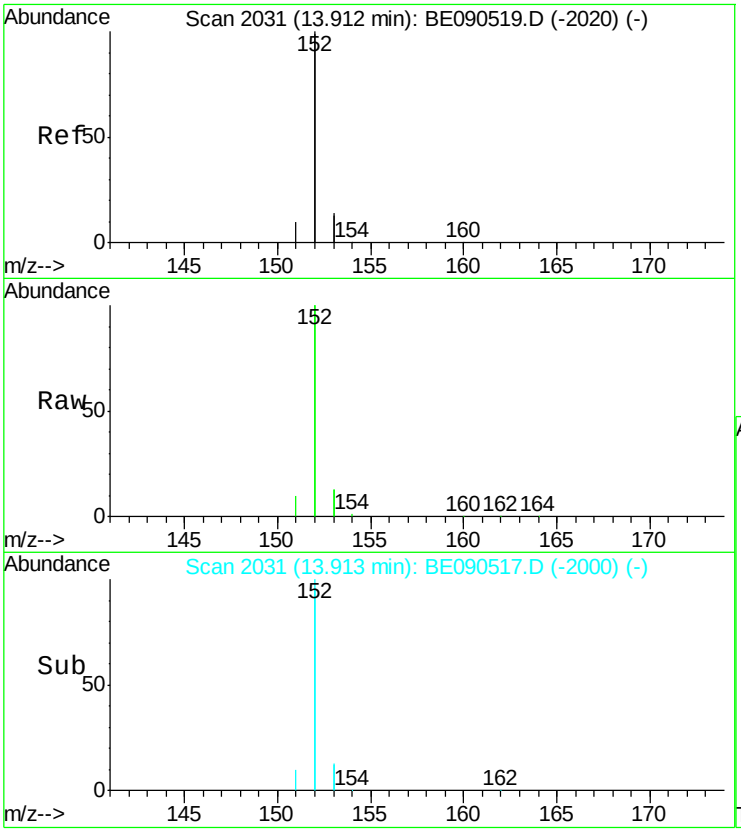


#14
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:172 Resp: 17133

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.2	19.8	29.8



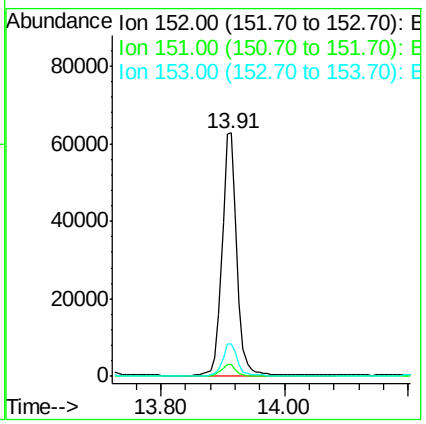


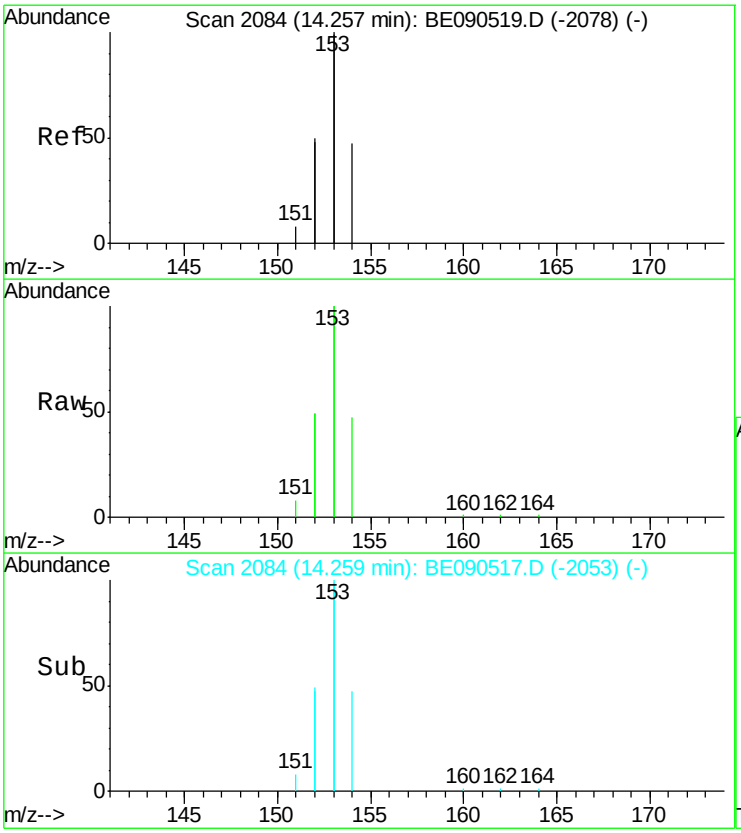
#15
Acenaphthylene
Concen: 0.45 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 103554

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.3	15.5

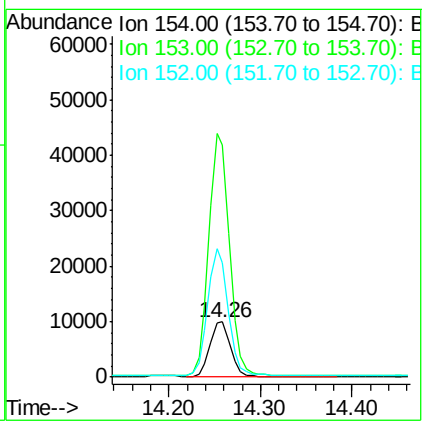


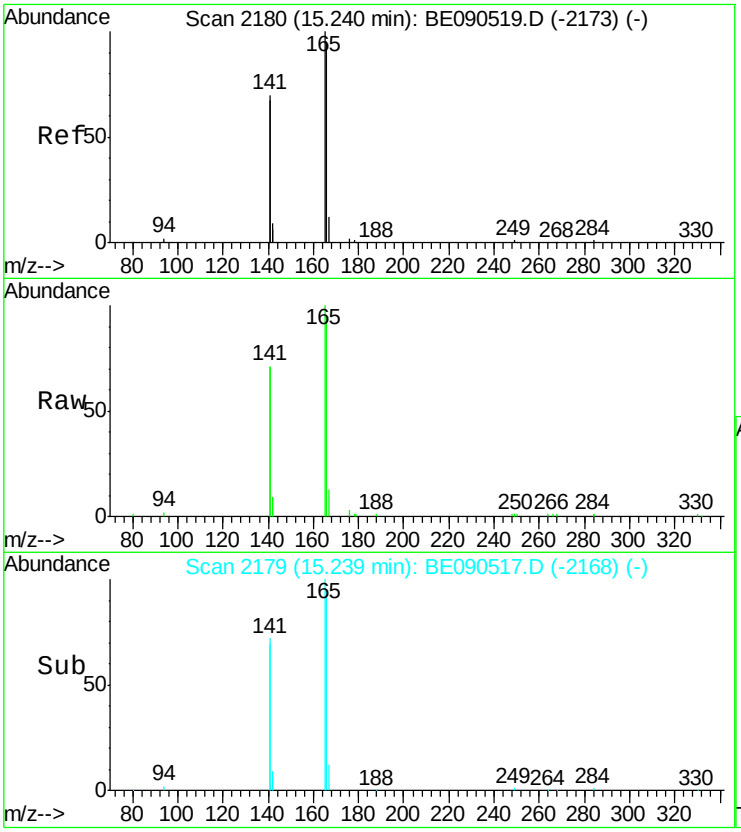


#16
Acenaphthene
Concen: 0.45 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:154 Resp: 15712

Ion	Ratio	Lower	Upper
154	100		
153	435.0	376.2	564.2
152	226.6	235.0	352.4#



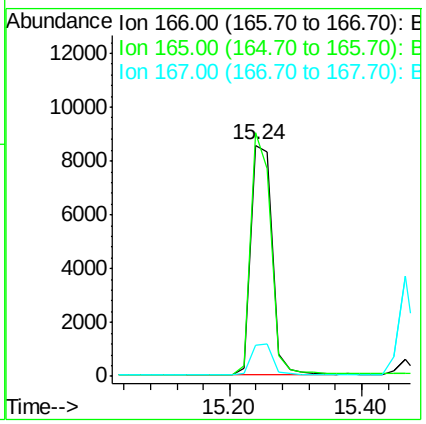


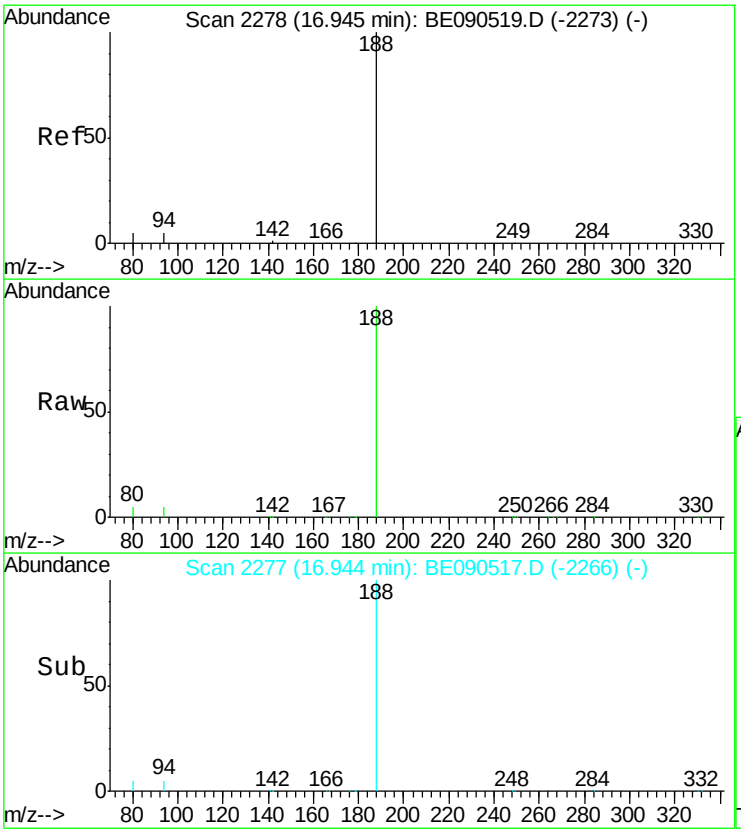
#17
Fluorene
Concen: 0.44 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 19092

Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.5	122.3
167	13.7	11.4	17.0

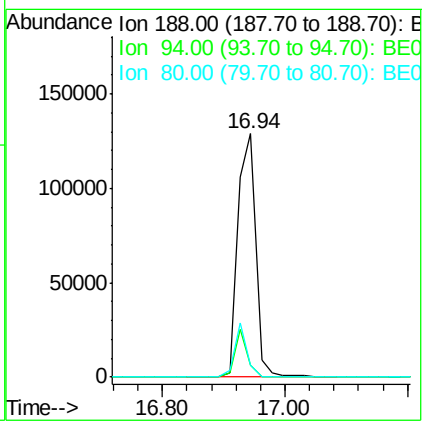


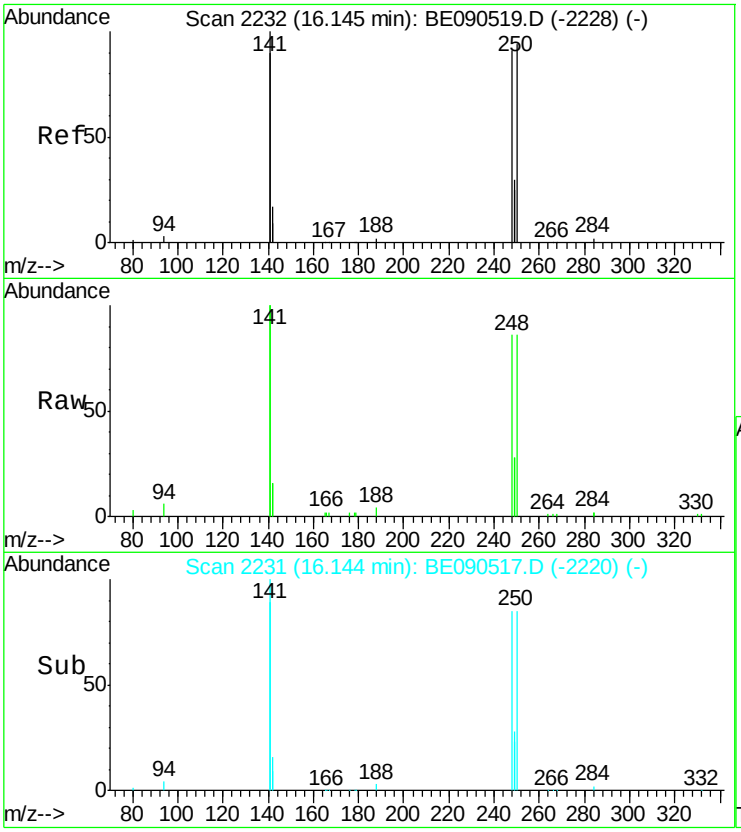


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:188 Resp: 262001

Ion	Ratio	Lower	Upper
188	100		
94	4.8	5.7	8.5#
80	4.8	5.8	8.8#



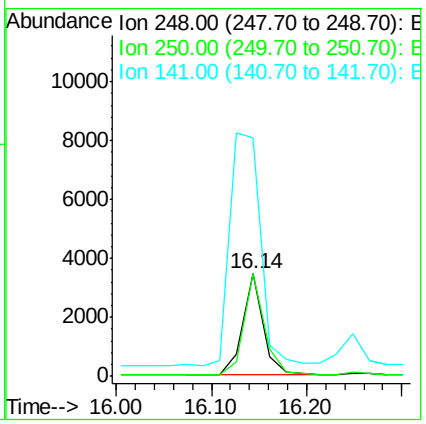


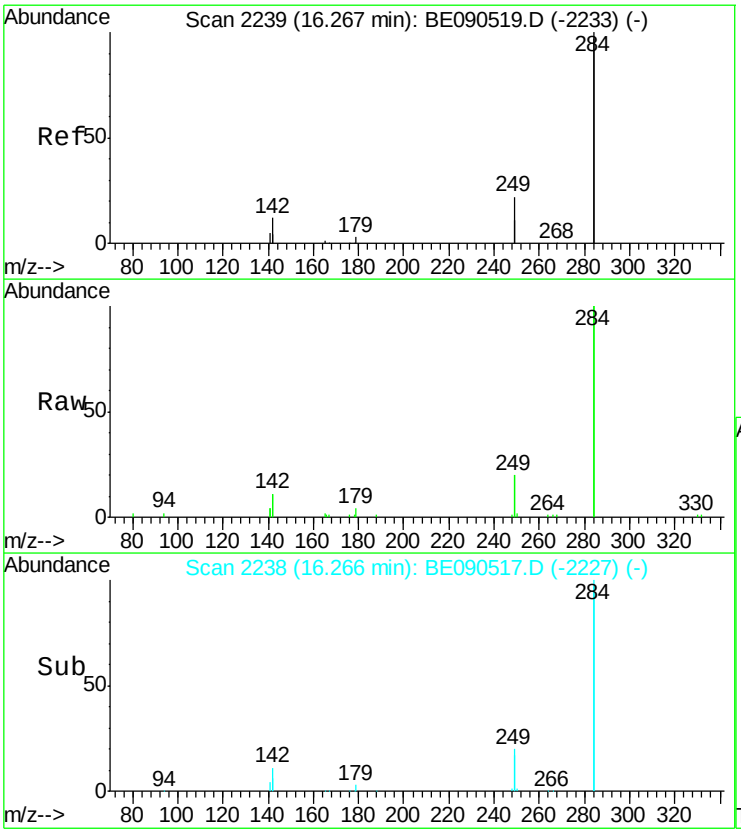
#19
4-Bromophenyl-phenylether
Concen: 0.45 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:248 Resp: 5139

Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.0	118.6
141	344.0	239.5	359.3

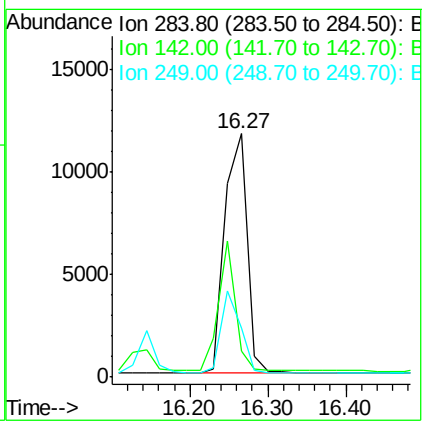


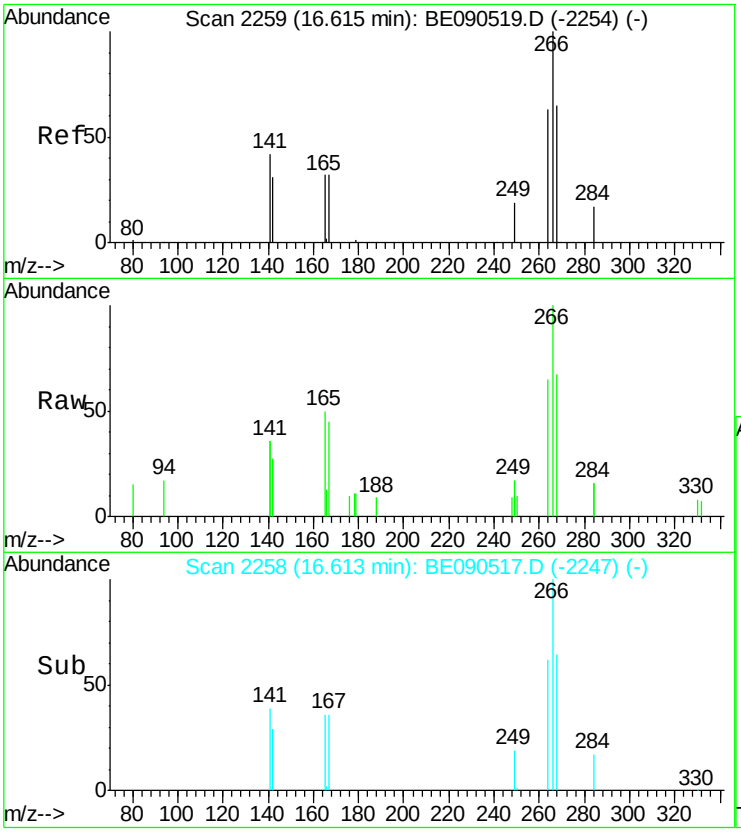


#20
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:284 Resp: 23294

Ion	Ratio	Lower	Upper
284	100		
142	40.9	30.1	45.1
249	29.8	25.7	38.5



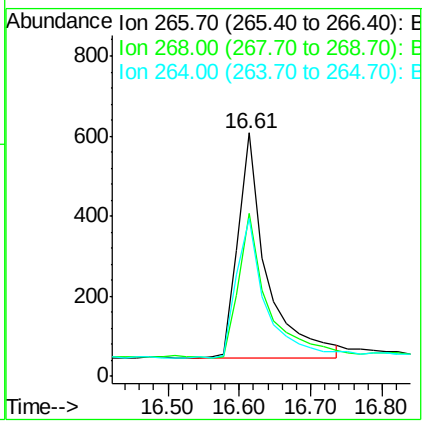


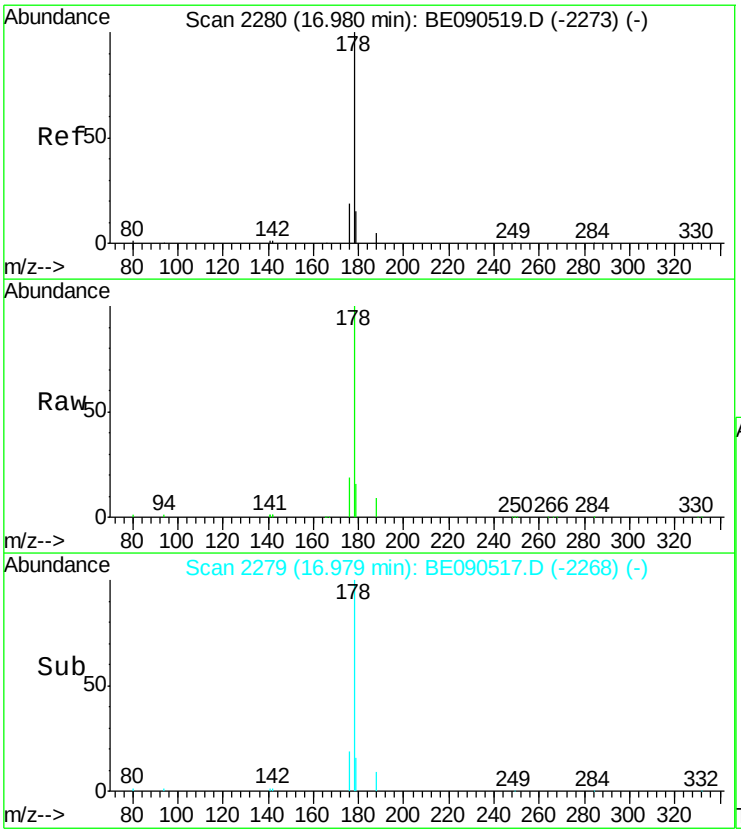
#21
Pentachlorophenol
Concen: 0.44 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 1561

Ion	Ratio	Lower	Upper
266	100		
268	66.9	58.5	87.7
264	65.0	56.0	84.0

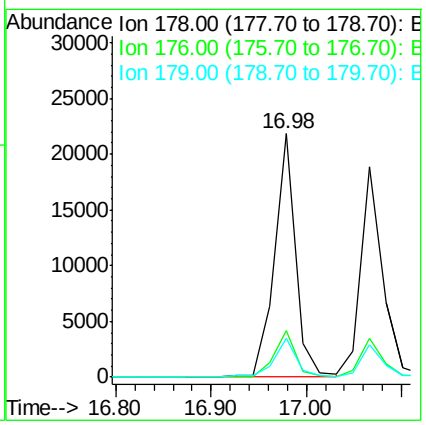


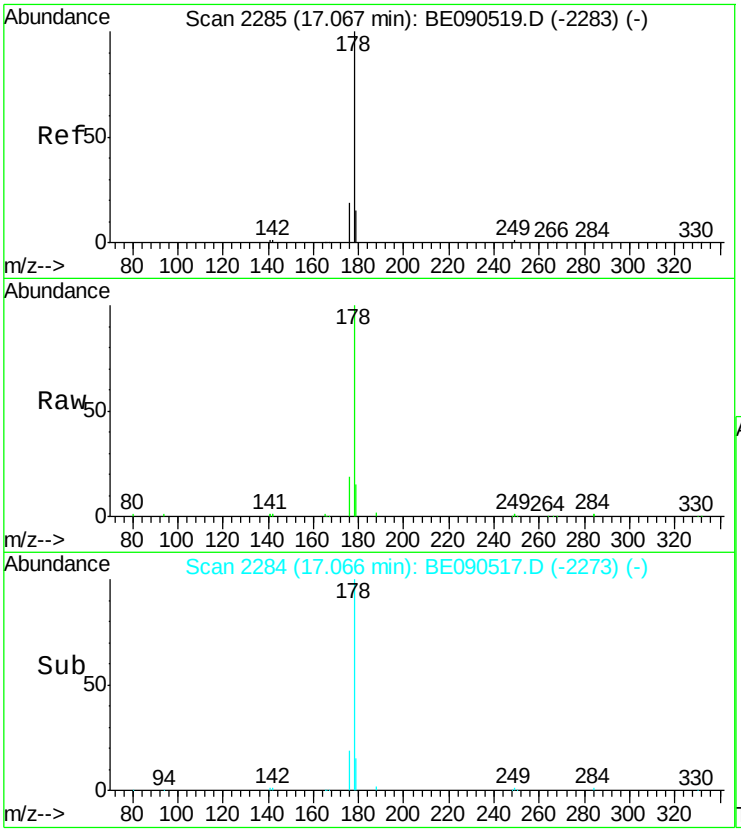


#22
Phenanthrene
Concen: 0.45 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:178 Resp: 33019

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.5	18.7



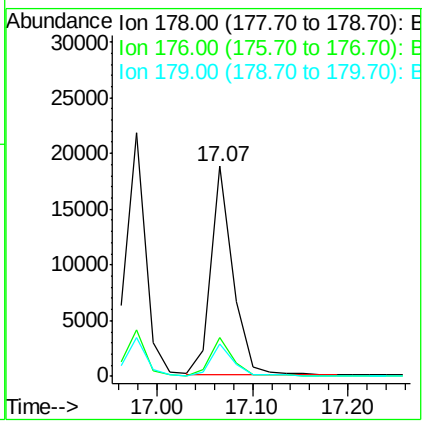


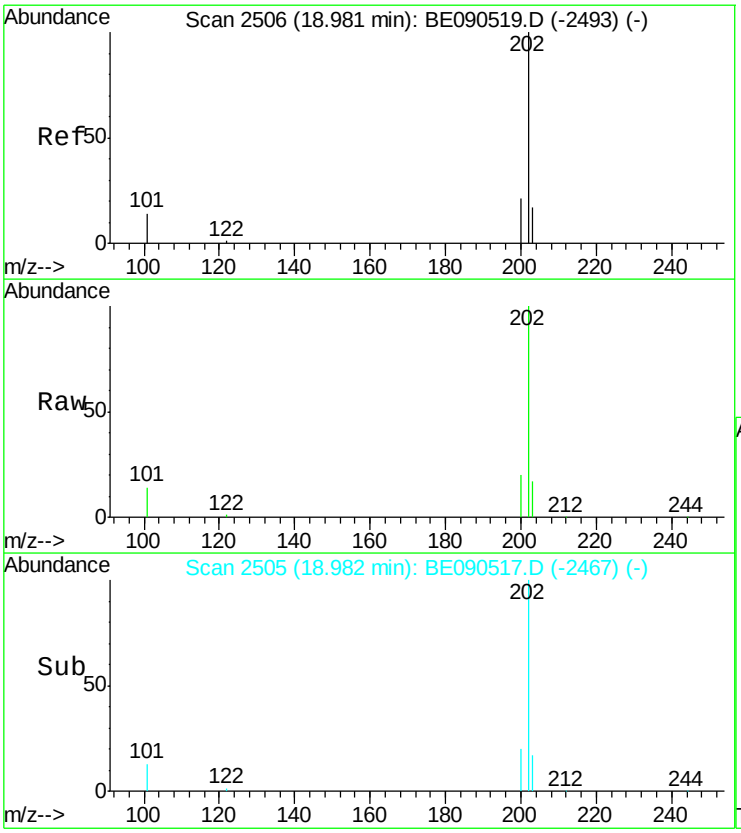
#23
Anthracene
Concen: 0.46 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 30022

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

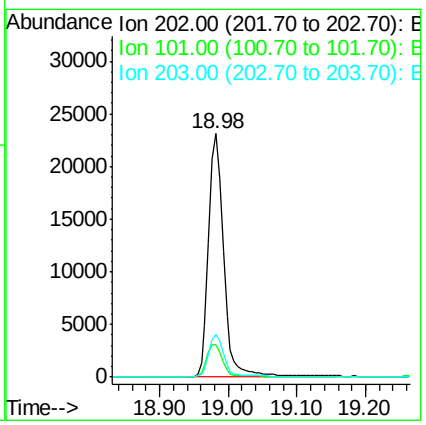


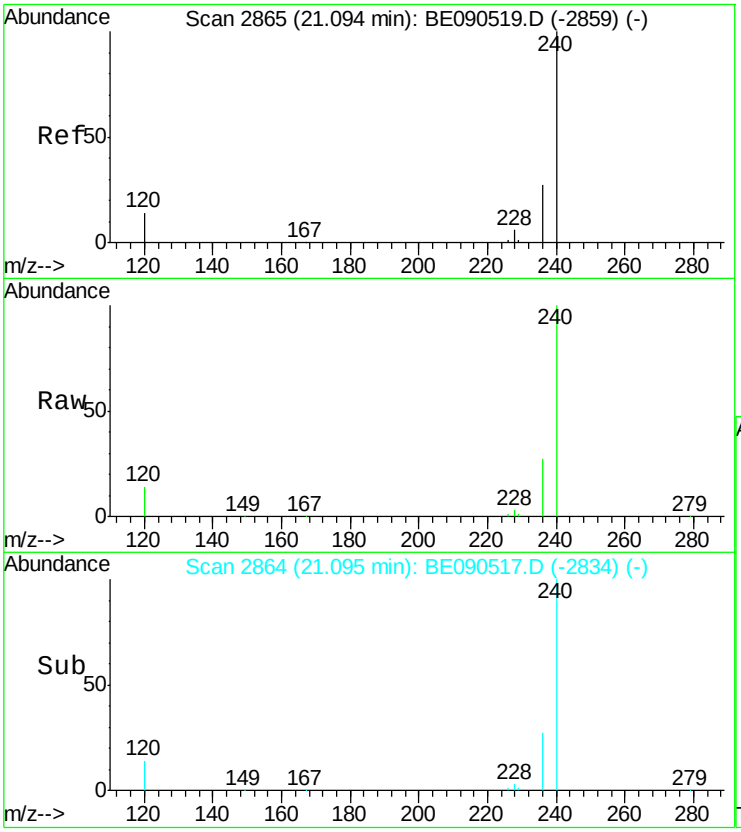


#24
Fluoranthene
Concen: 0.46 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:202 Resp: 34860

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	17.2	13.7	20.5



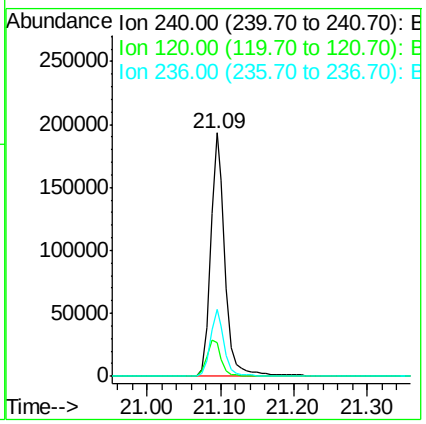


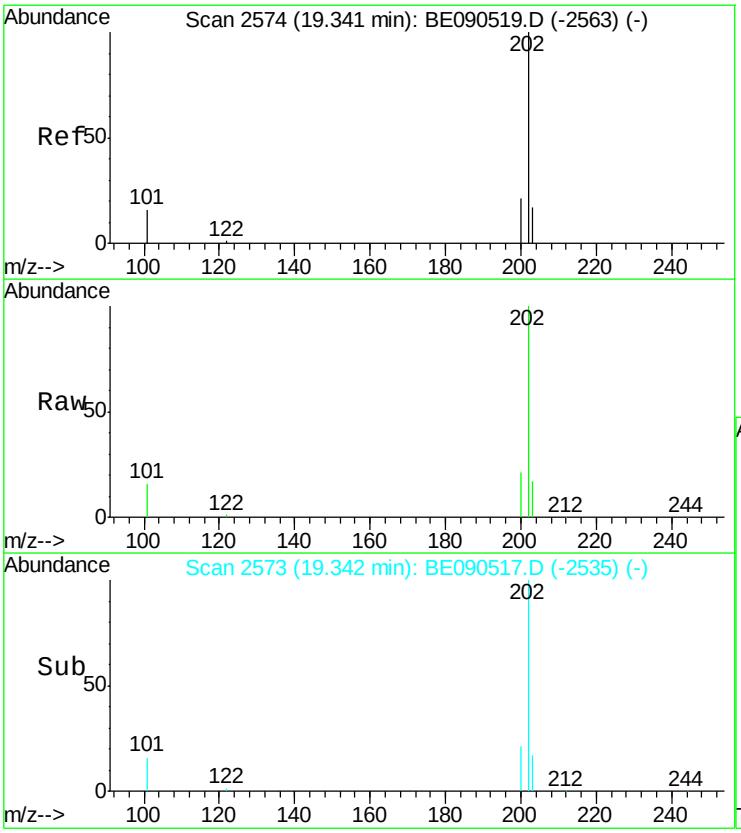
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 268798

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	27.3	21.0	31.4

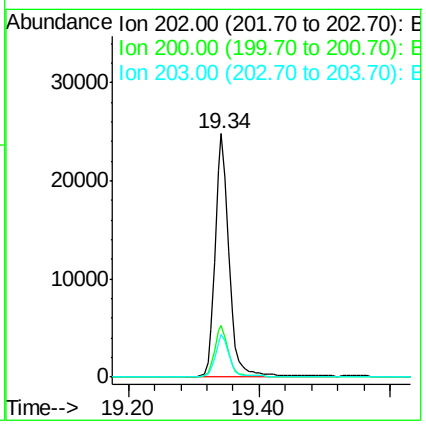


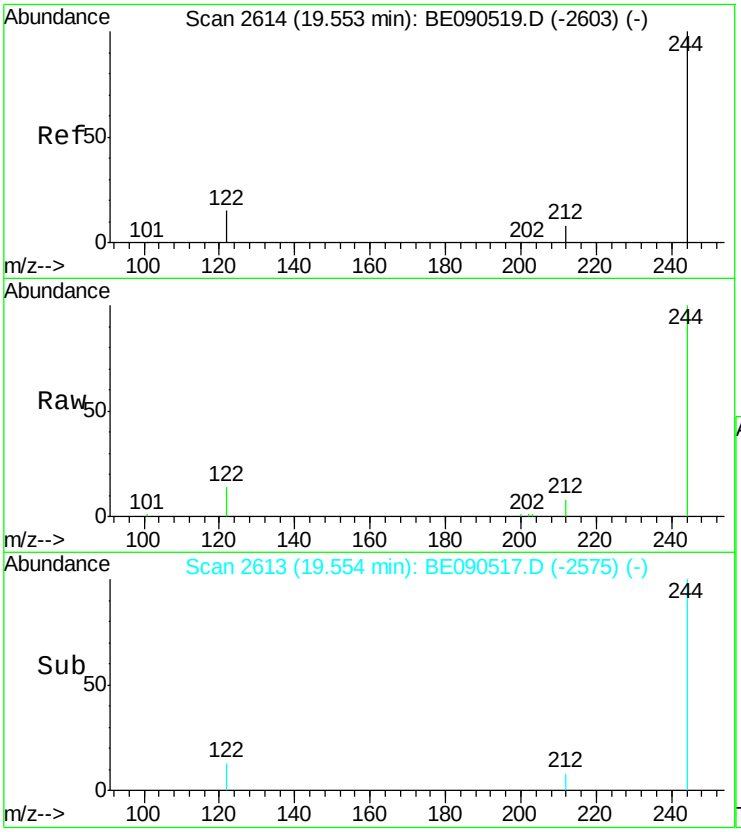


#26
Pyrene
Concen: 0.45 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:202 Resp: 36089

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.1	13.8	20.8



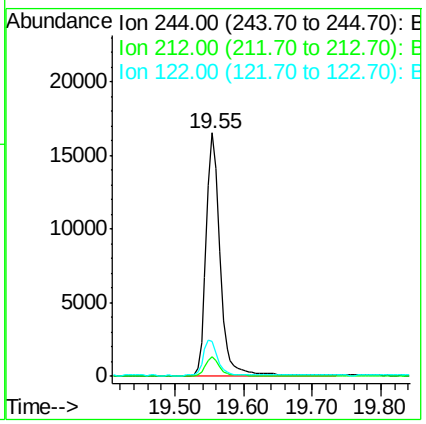


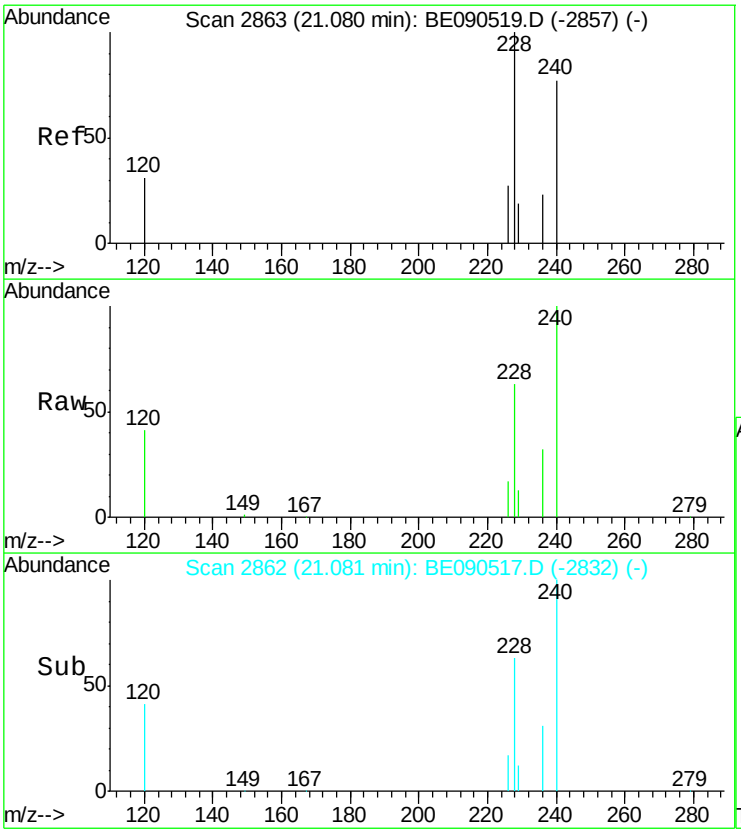
#27
Terphenyl-d14
Concen: 0.45 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 22989

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	14.2	10.2	15.4

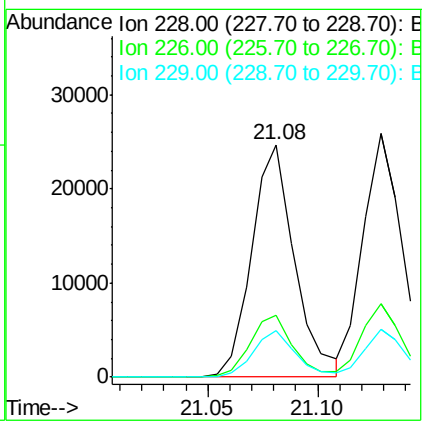


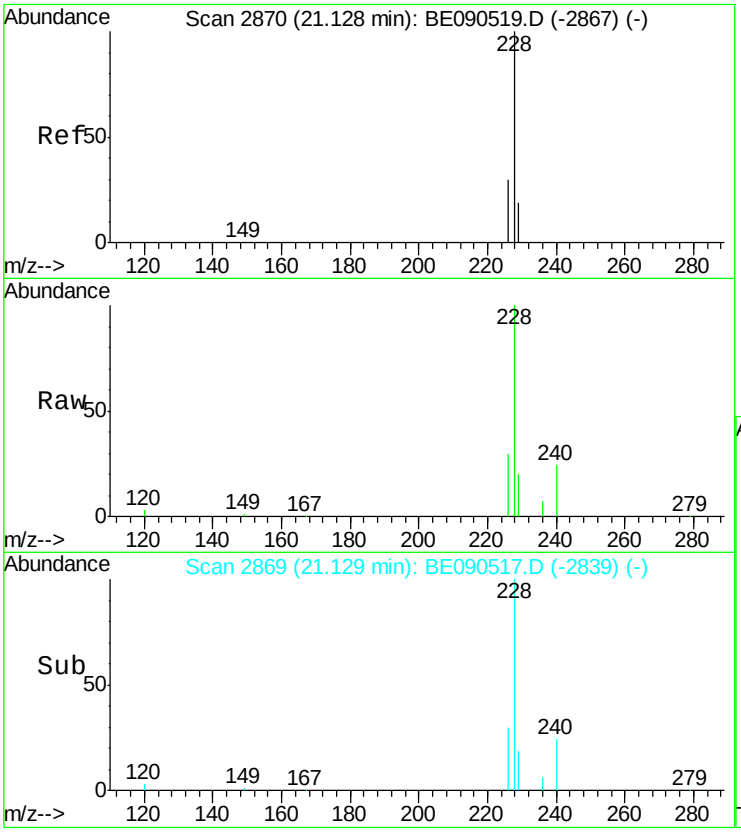


#28
Benzo(a)anthracene
Concen: 0.45 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:228 Resp: 33227

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	19.9	15.4	23.0



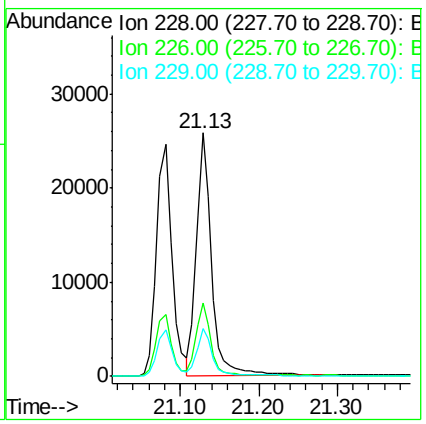


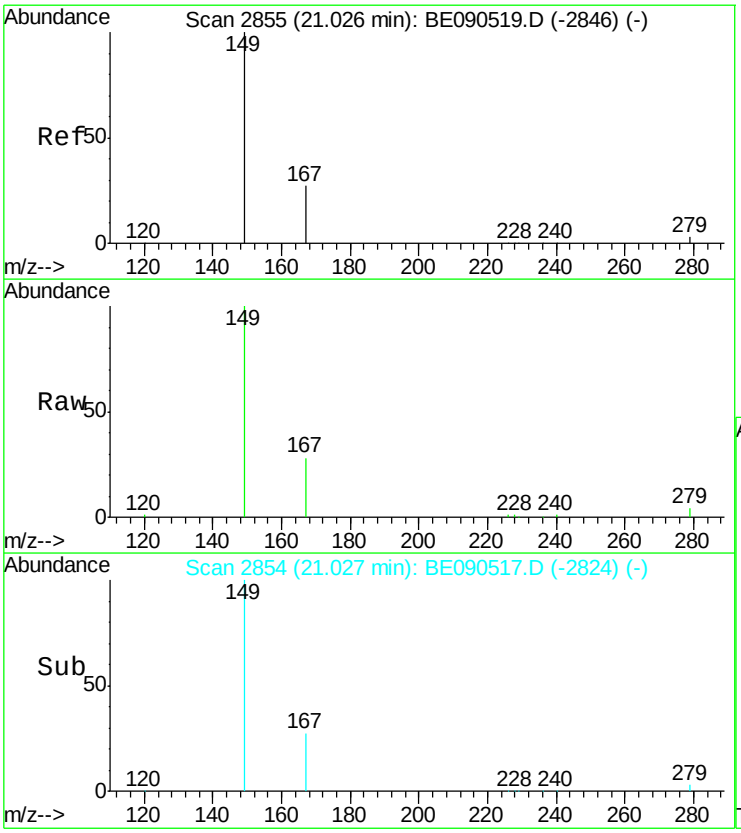
#29
Chrysene
Concen: 0.45 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 34487

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	19.5	15.8	23.8

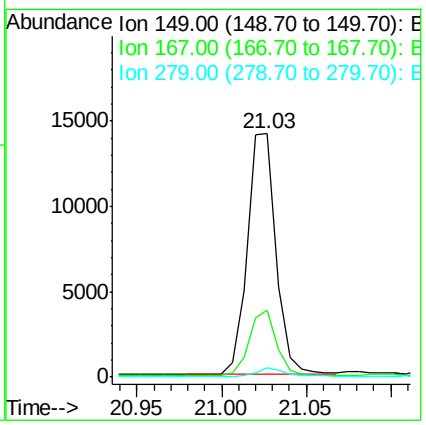


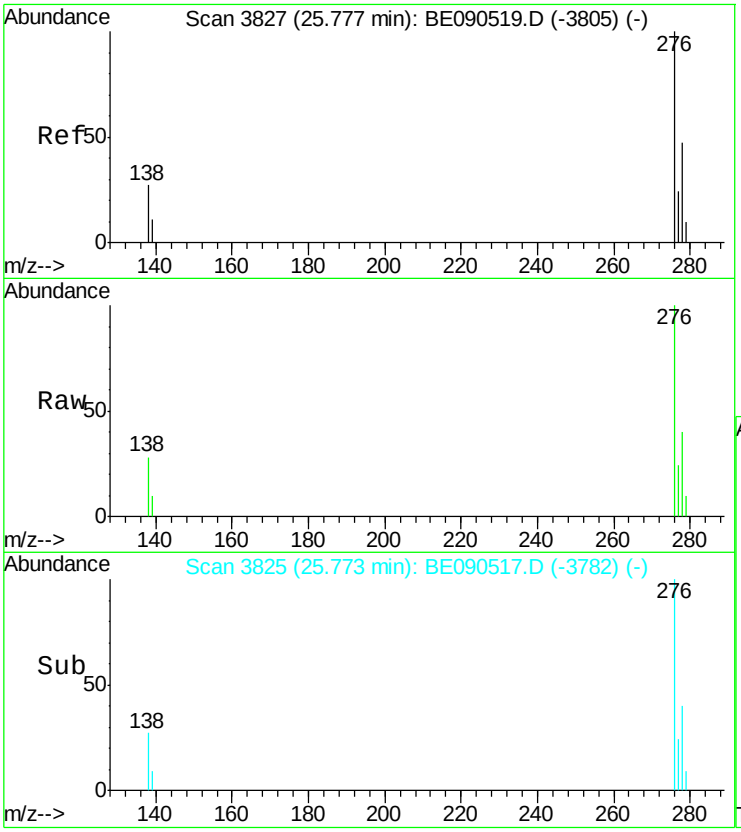


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:149 Resp: 16536

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.8	29.8
279	3.0	2.4	3.6



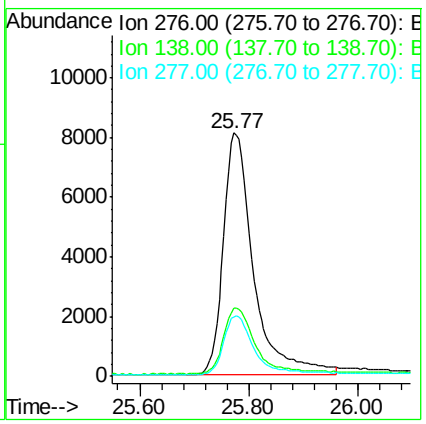


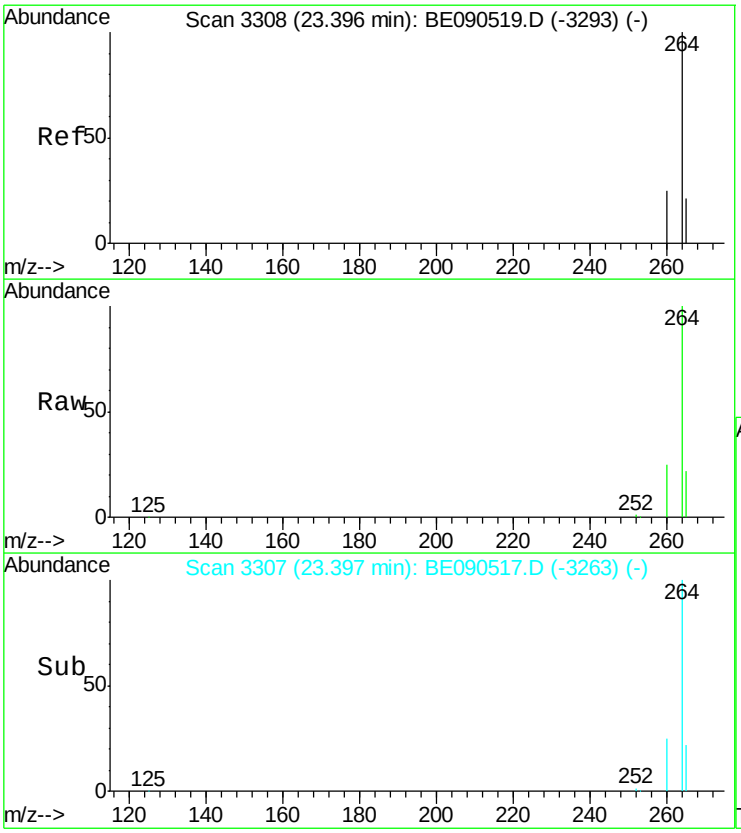
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng
RT: 25.77 min Scan# 3825
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 31141

Ion	Ratio	Lower	Upper
276	100		
138	28.4	18.8	28.2#
277	24.8	18.2	27.4

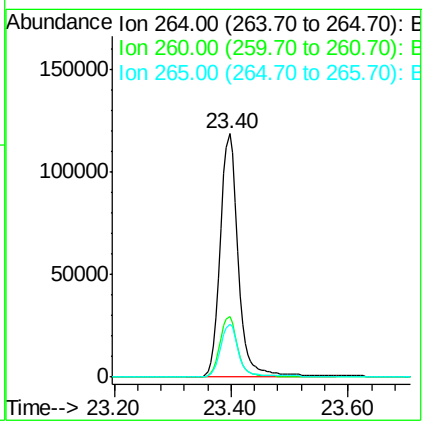


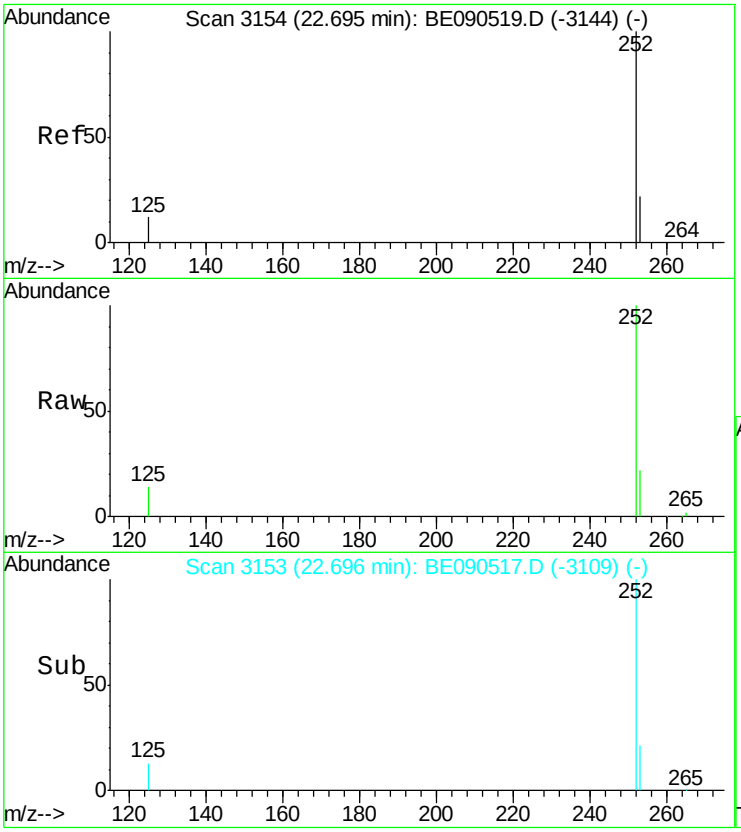


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:264 Resp: 250618

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.7	17.2	25.8



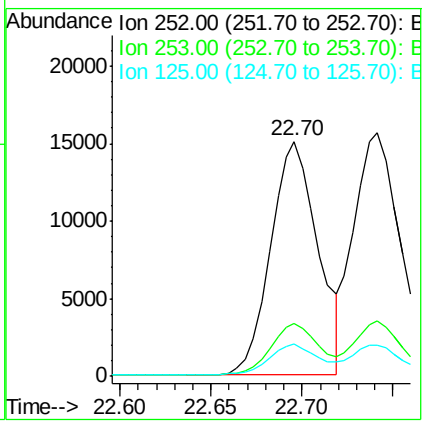


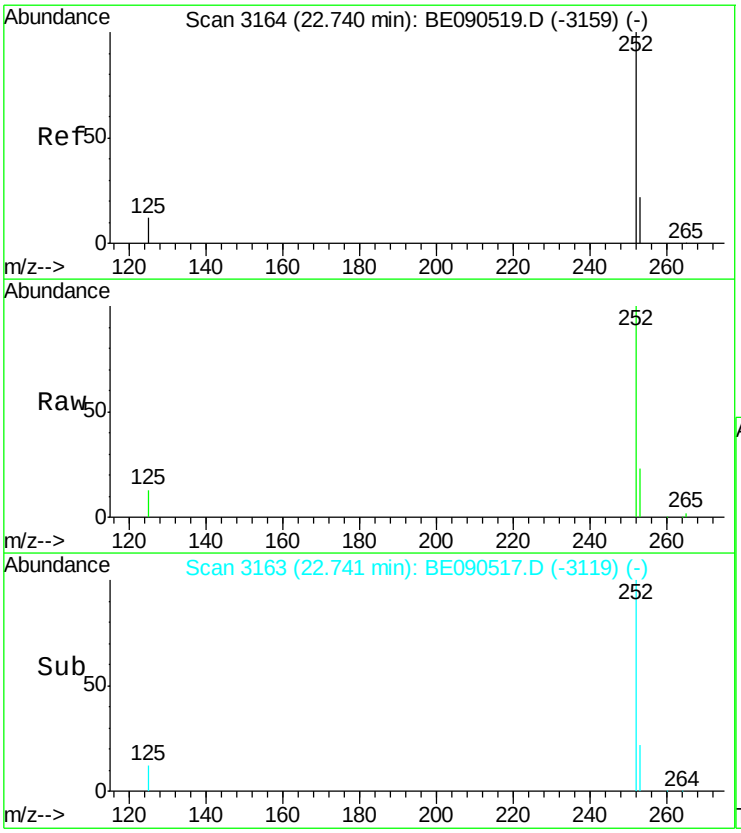
#33
Benzo(b)fluoranthene
Concen: 0.44 ng
RT: 22.70 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 27281

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.7	9.4	14.2

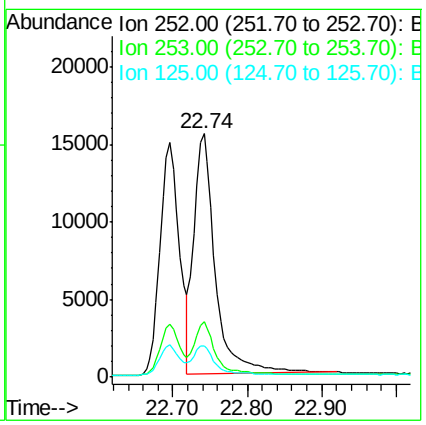


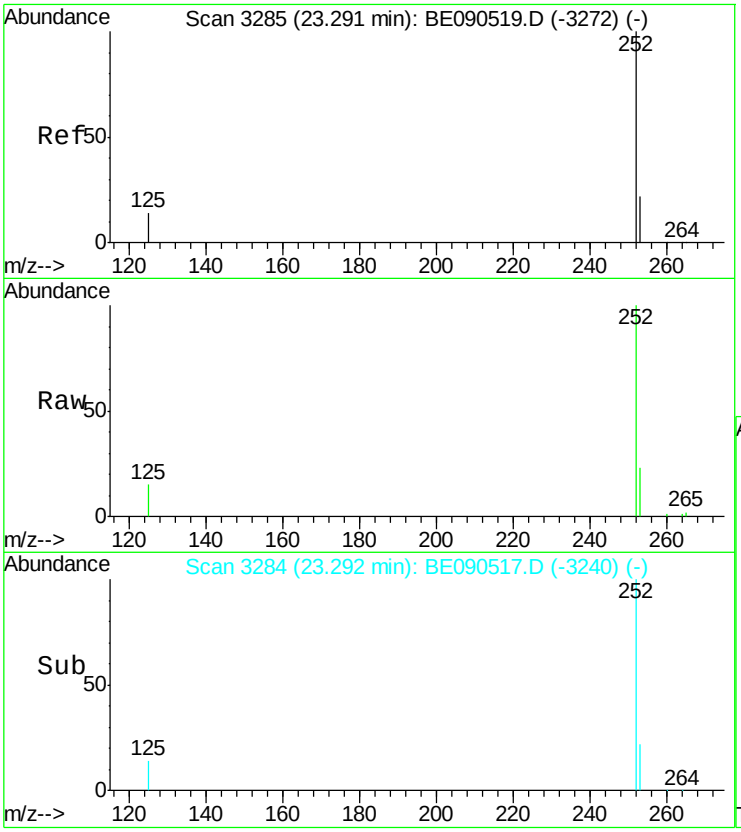


#34
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:252 Resp: 31120

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.6	9.1	13.7



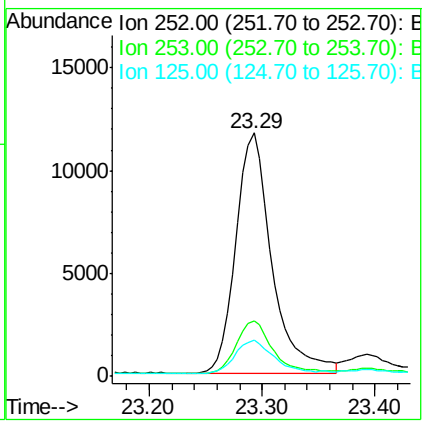


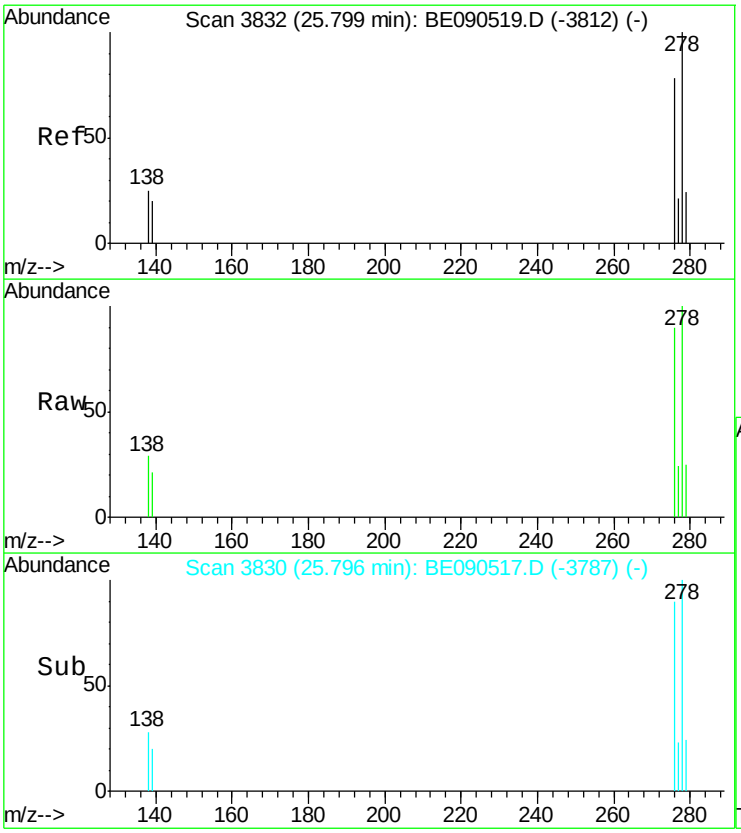
#35
Benzo(a)pyrene
Concen: 0.45 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 25286

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	14.9	9.8	14.6#

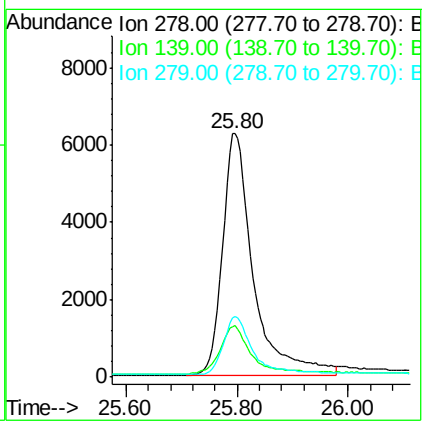


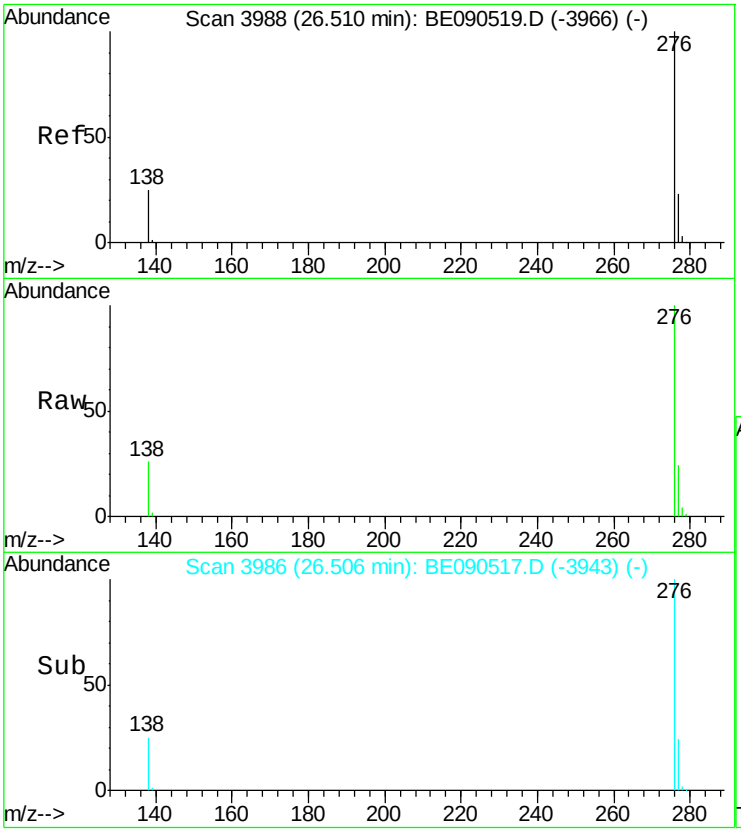


#36
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Tgt Ion:278 Resp: 23871

Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.2	21.4
279	24.7	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.45 ng
RT: 26.51 min Scan# 3986
Delta R.T. -0.00 min
Lab File: BE090517.D
Acq: 14 Aug 2015 12:54

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 26829

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.1	30.1
138	25.6	18.1	27.1