Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090518.D
Acq On : 14 Aug 2015 13:41
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Aug 14 15:27:42 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	7.57	152	45195	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	223587	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	122030	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	270404	5.00	ng		0.00
25) Chrysene-d12	21.09	240	274741	5.00	ng		0.00
32) Perylene-d12	23.39	264	253311	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	10645	0.77	ng		0.00
5) Phenol-d6	6.77	99	16315	0.83	ng		0.00
7) Nitrobenzene-d5	8.72	82	14984	0.85	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	3902	0.86	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	30738	0.81	ng		0.00
27) Terphenyl-d14	19.56	244	42348	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	4868	0.75	ng		95
3) n-Nitrosodimethylamine	3.48	42	6578	0.81	ng	#	78
8) Nitrobenzene	8.76	77	15653	0.86	ng		95
9) Naphthalene	10.38	128	42473	0.79	ng		99
10) Hexachlorobutadiene	10.67	225	6283	0.79	ng		100
11) 2-Methylnaphthalene	12.00	142	27695	0.80	ng		97
15) Acenaphthylene	13.91	152	188974	0.82	ng		100
16) Acenaphthene	14.26	154	28238	0.80	ng	#	78
17) Fluorene	15.24	166	34838	0.80	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	9559	0.82	ng		83
20) Hexachlorobenzene	16.25	284	41227	0.79	ng		95
21) Pentachlorophenol	16.60	266	3427	0.94	ng		91
22) Phenanthrene	16.98	178	58691	0.77	ng		100
23) Anthracene	17.07	178	55779	0.83	ng		100
24) Fluoranthene	18.98	202	63650	0.81	ng		99
26) Pyrene	19.34	202	65405	0.79	ng		100
28) Benzo(a)anthracene	21.08	228	59360	0.78	ng		98
29) Chrysene	21.13	228	61704	0.79	ng		97
30) Bis(2-ethylhexyl)phthalate	21.03	149	32152	0.83	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	57453	0.82	ng	#	92
33) Benzo(b)fluoranthene	22.69	252	49144	0.78	ng		98
34) Benzo(k)fluoranthene	22.74	252	58443	0.82	ng		98
35) Benzo(a)pyrene	23.29	252	46604	0.81	ng		97
36) Dibenzo(a,h)anthracene	25.80	278	44755	0.82	ng		97
37) Benzo(g,h,i)perylene	26.51	276	48913	0.81	ng		96

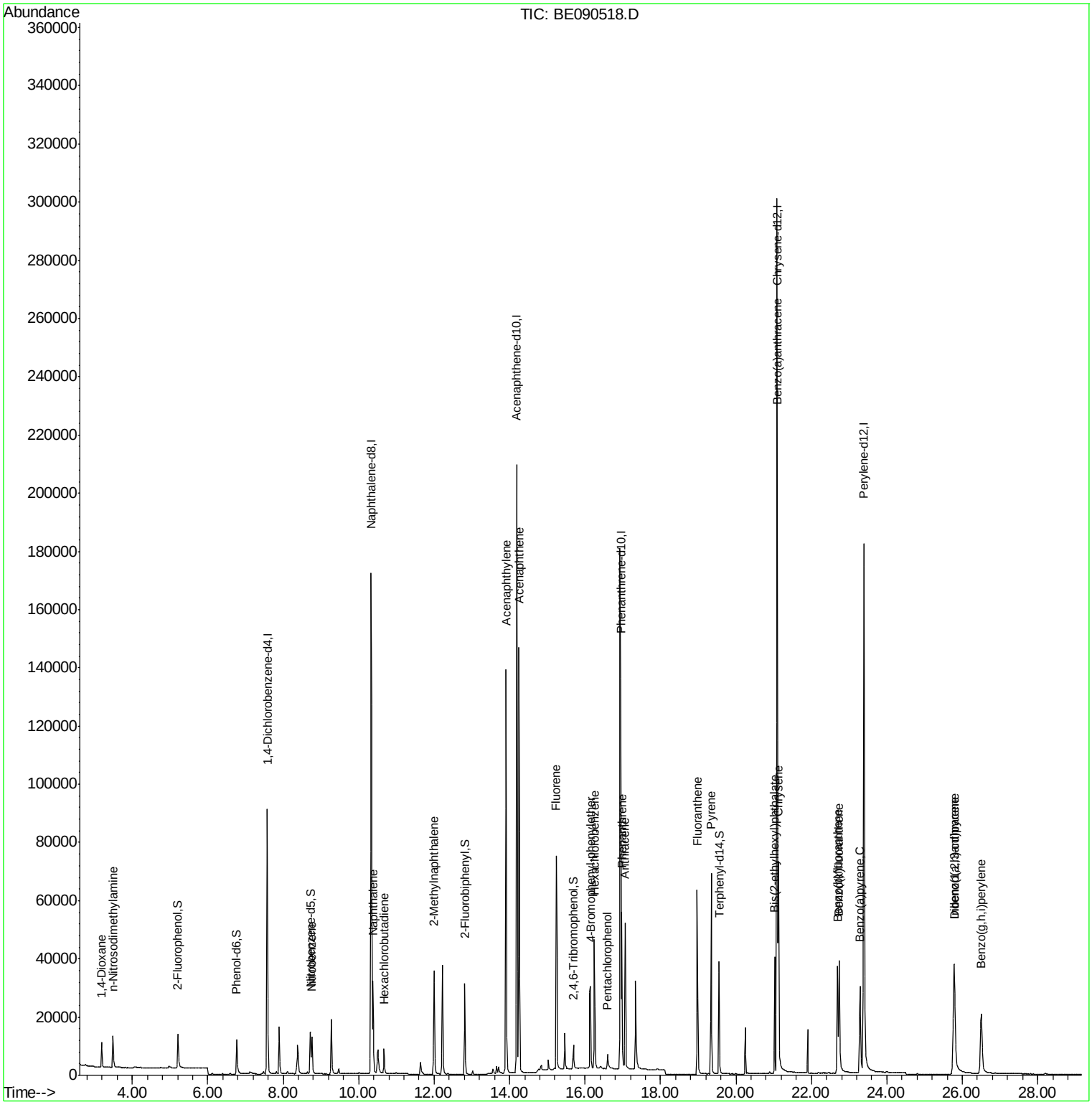
(#) = qualifier out of range (m) = manual integration (+) = signals summed

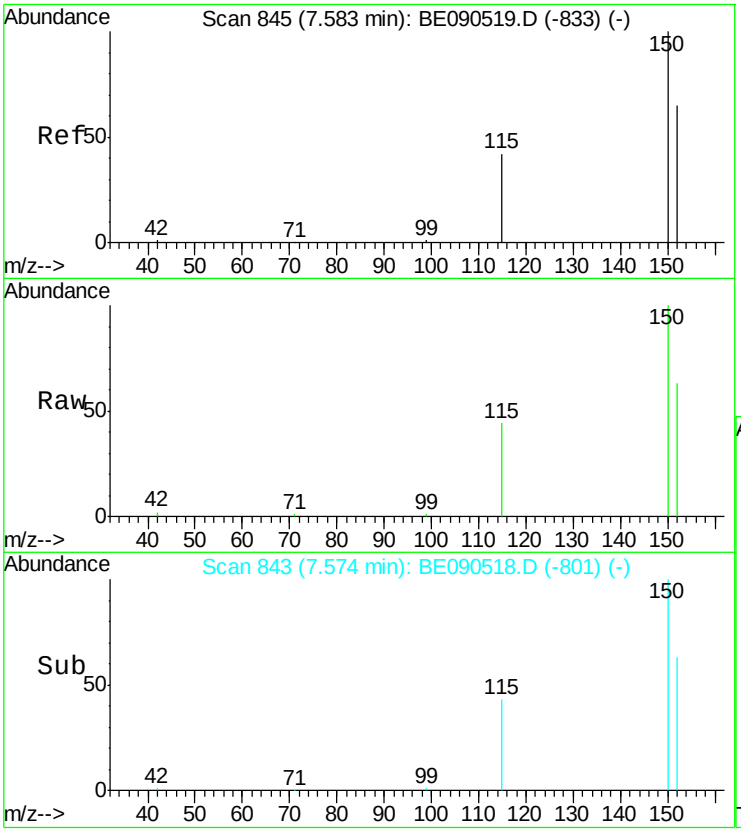
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090518.D
Acq On : 14 Aug 2015 13:41
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 14 15:27:42 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



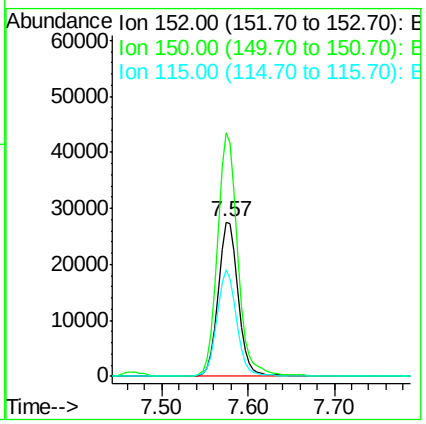


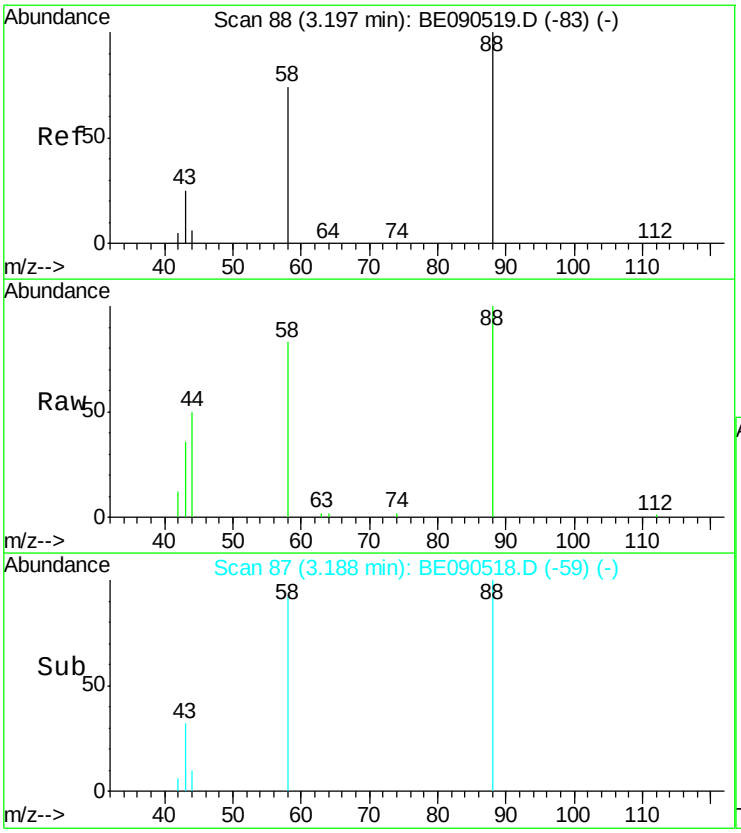
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 45195

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	68.9	48.9	73.3

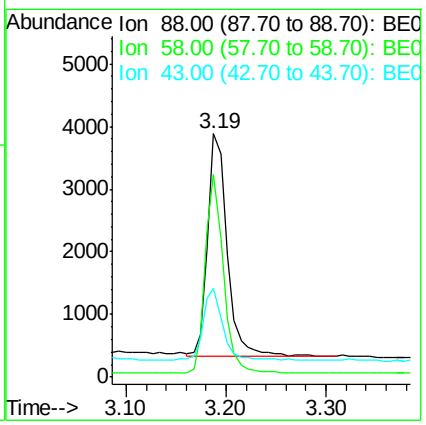


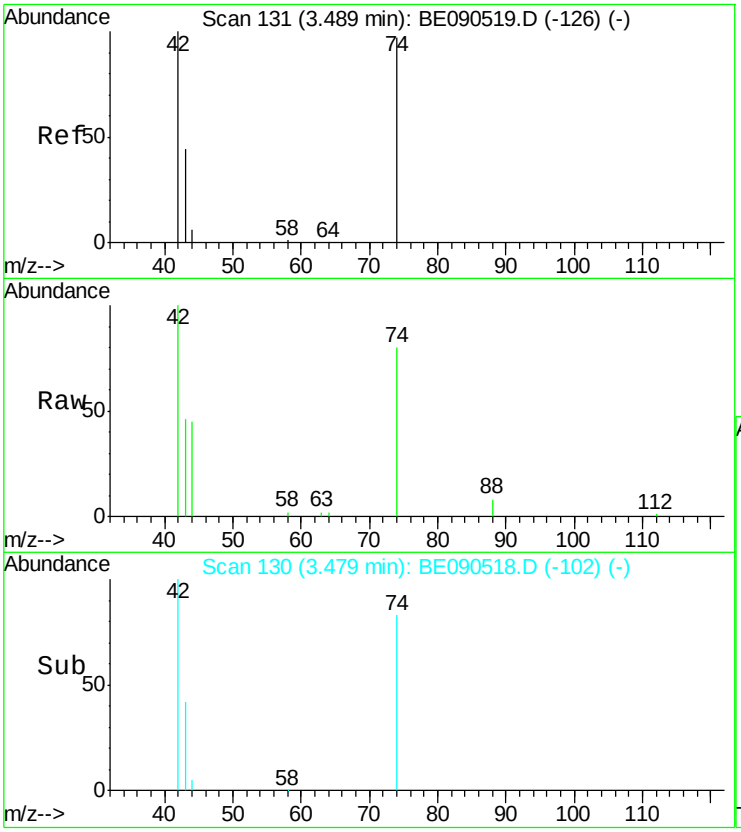


#2
1,4-Dioxane
Concen: 0.75 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion: 88 Resp: 4868

Ion	Ratio	Lower	Upper
88	100		
58	82.3	70.0	105.0
43	33.0	28.4	42.6



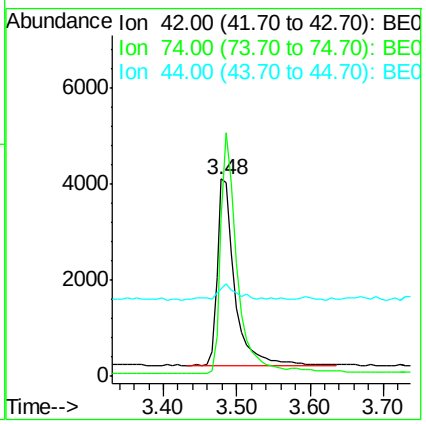


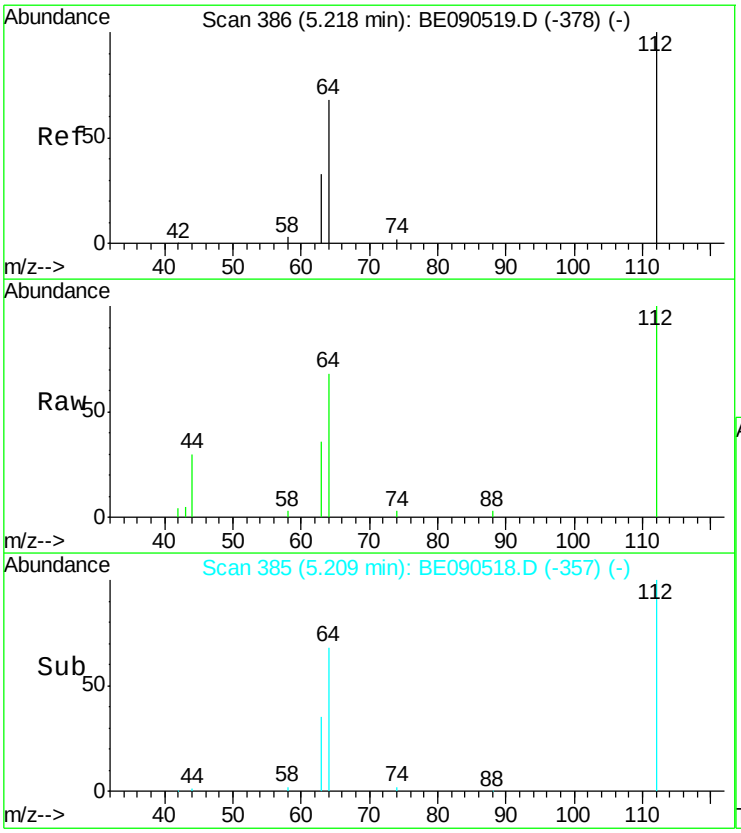
#3
n-Nitrosodimethylamine
Concen: 0.81 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6578

Ion	Ratio	Lower	Upper
42	100		
74	116.8	75.2	112.8#
44	9.5	8.7	13.1

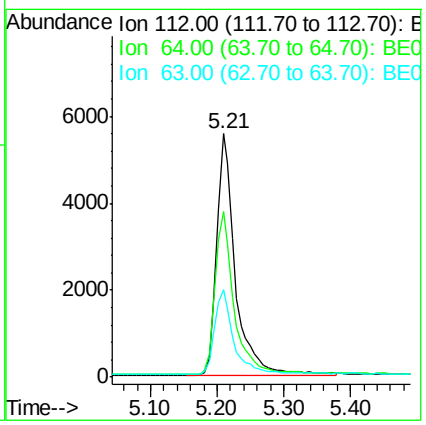


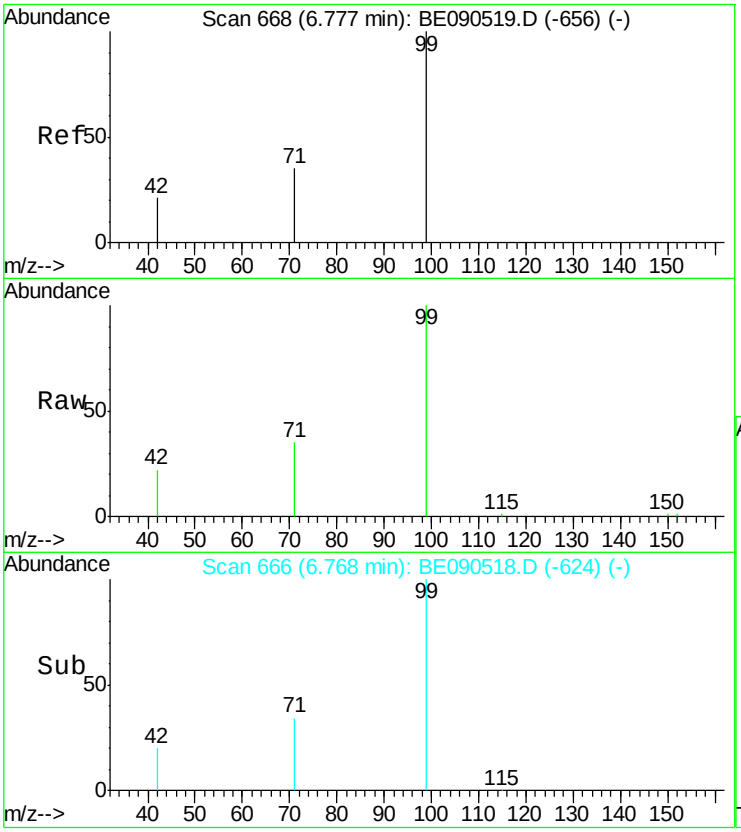


#4
2-Fluorophenol
Concen: 0.77 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:112 Resp: 10645

Ion	Ratio	Lower	Upper
112	100		
64	69.1	37.1	55.7#
63	35.7	19.5	29.3#



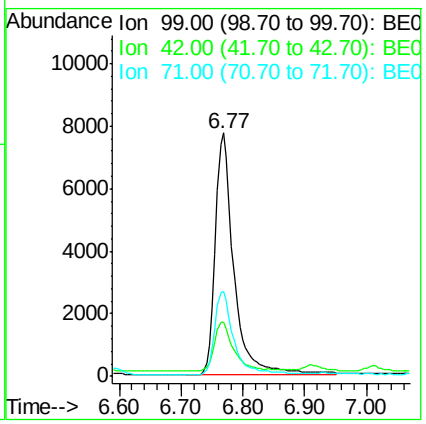


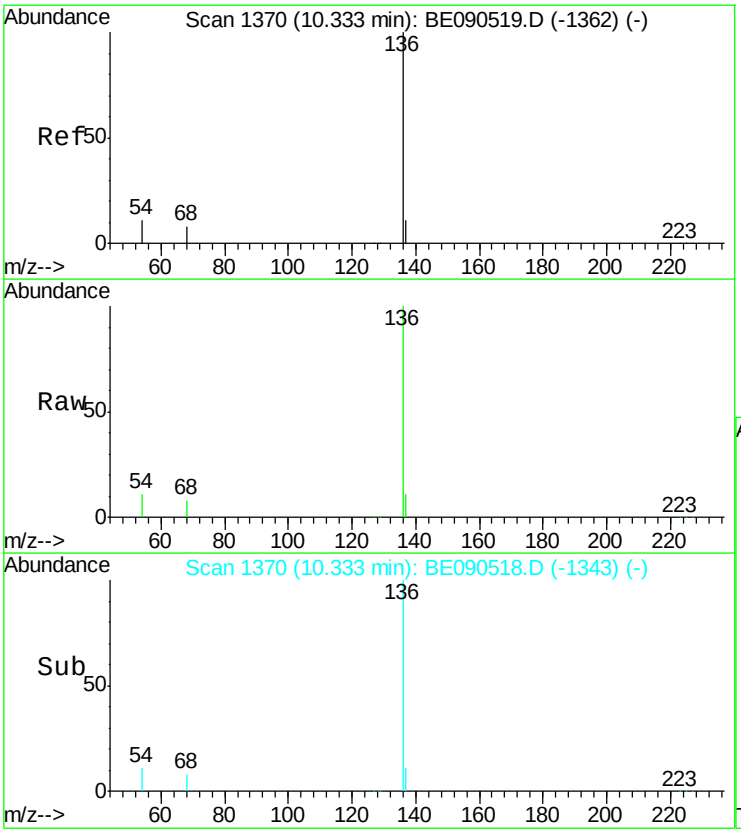
#5
Phenol-d6
Concen: 0.83 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 16315

Ion	Ratio	Lower	Upper
99	100		
42	21.4	18.2	27.4
71	34.9	27.4	41.0

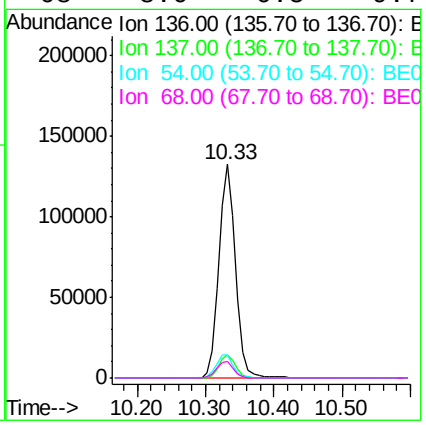


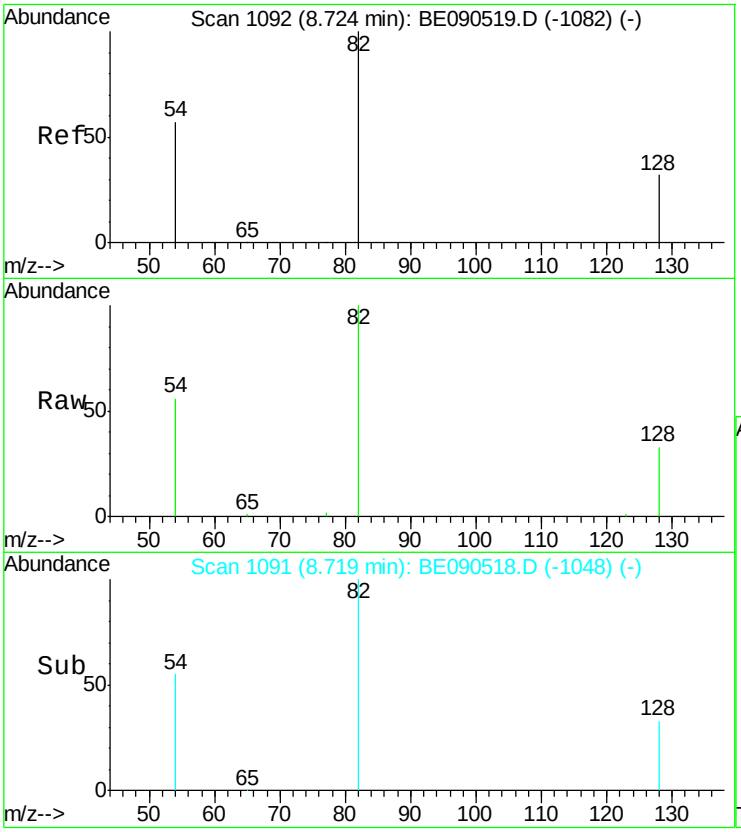


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:136 Resp: 223587

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.9	9.4	14.0
68	8.0	6.5	9.7



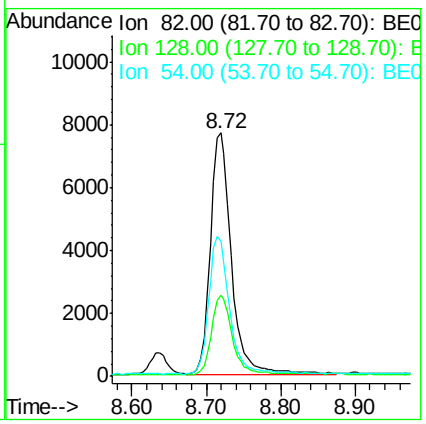


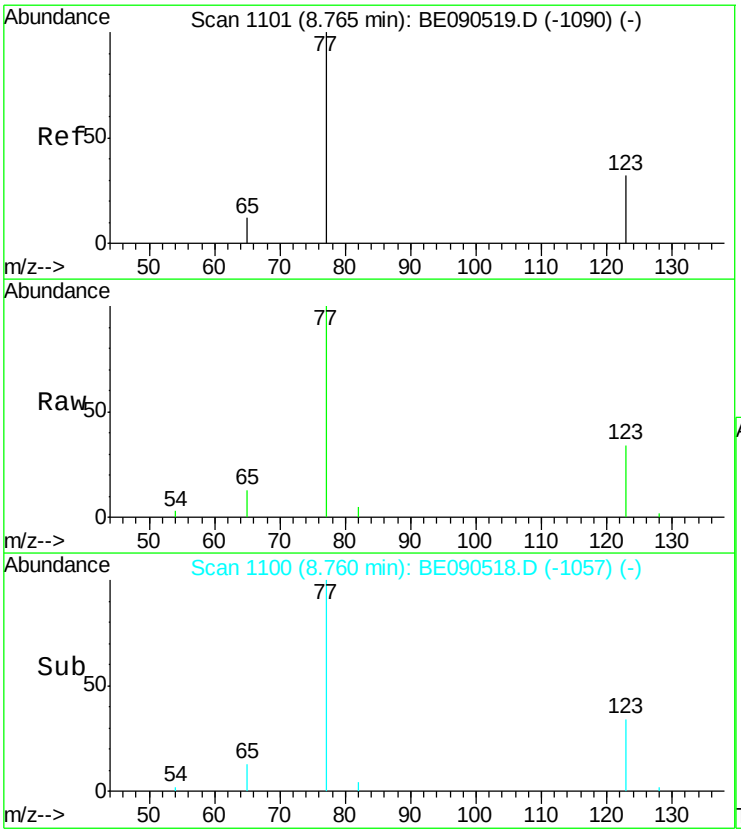
#7
Nitrobenzene-d5
Concen: 0.85 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 14984

Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.0	37.6
54	55.6	48.8	73.2

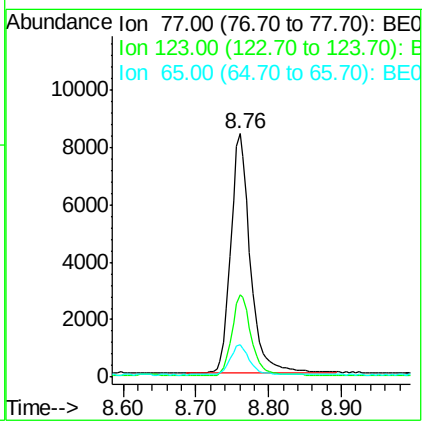


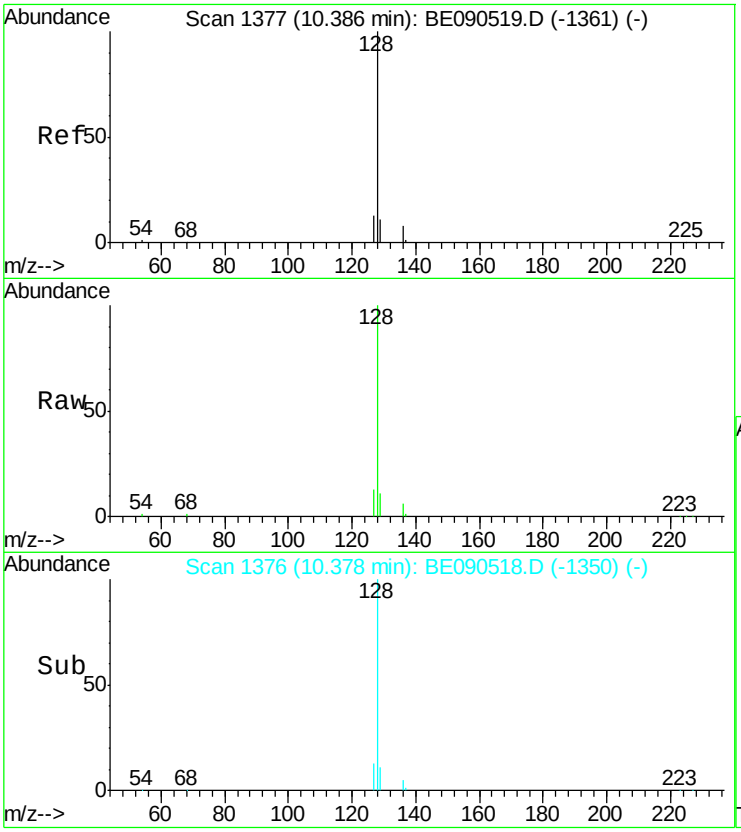


#8
Nitrobenzene
Concen: 0.86 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion: 77 Resp: 15653

Ion	Ratio	Lower	Upper
77	100		
123	34.2	25.1	37.7
65	12.7	9.3	13.9



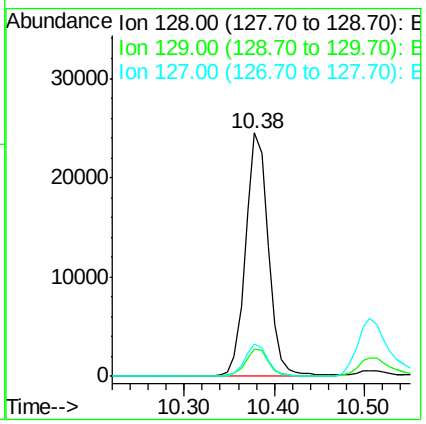


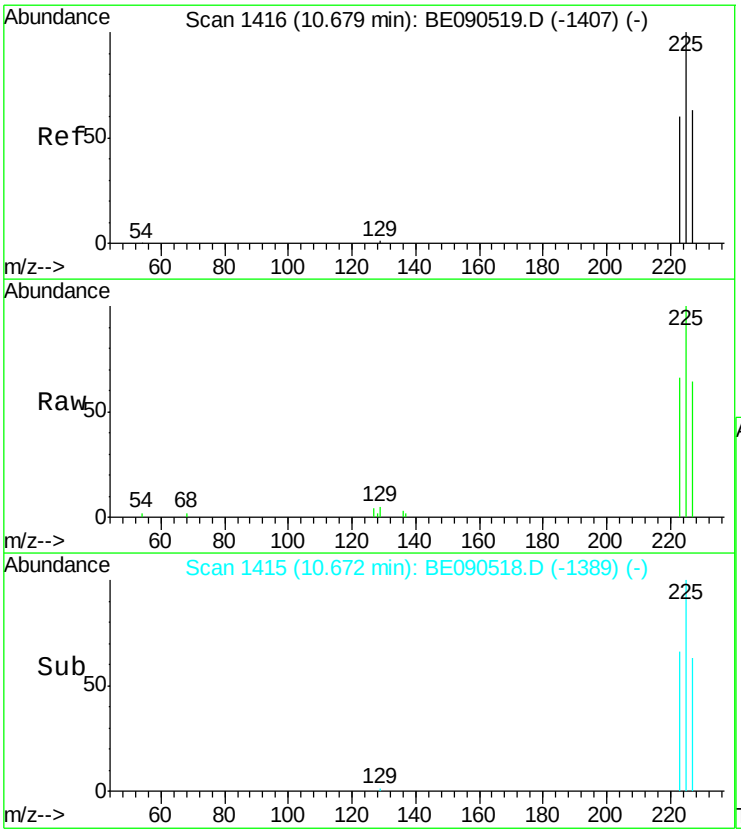
#9
Naphthalene
Concen: 0.79 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 42473

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	13.3	10.6	16.0

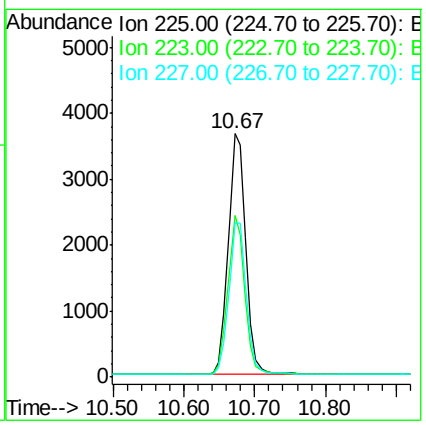


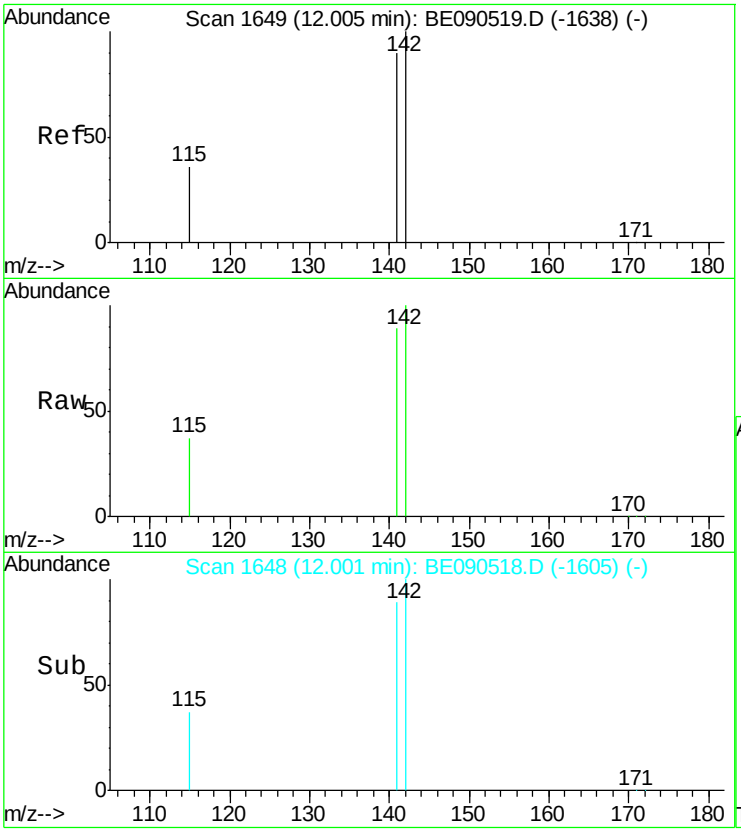


#10
Hexachlorobutadiene
Concen: 0.79 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:225 Resp: 6283

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.0	50.7	76.1



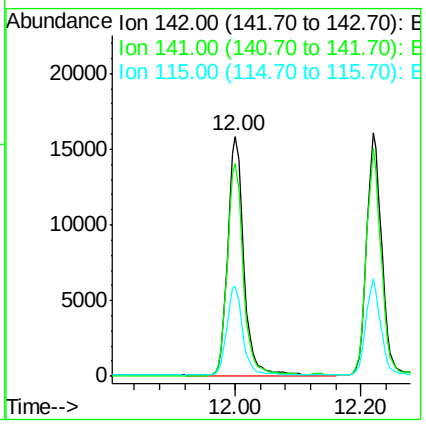


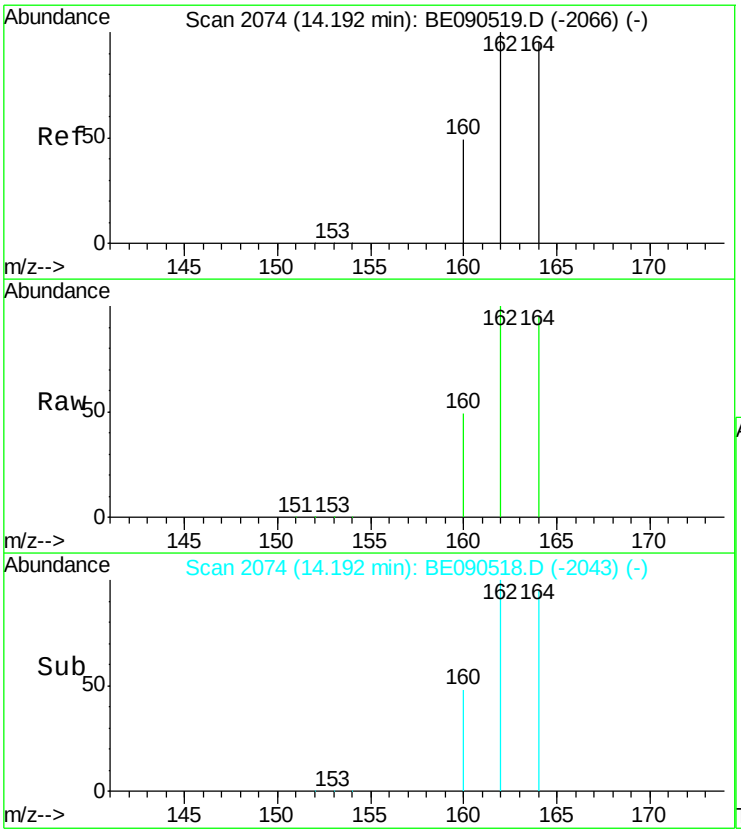
#11
2-Methylnaphthalene
Concen: 0.80 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 27695

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	37.3	31.6	47.4

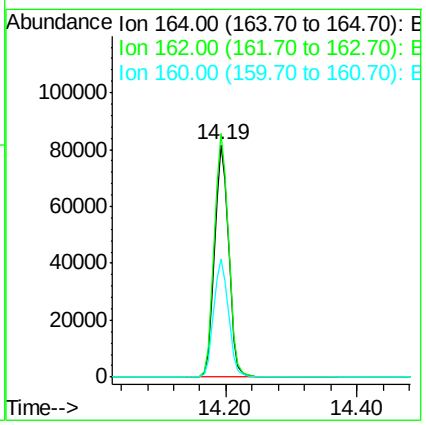


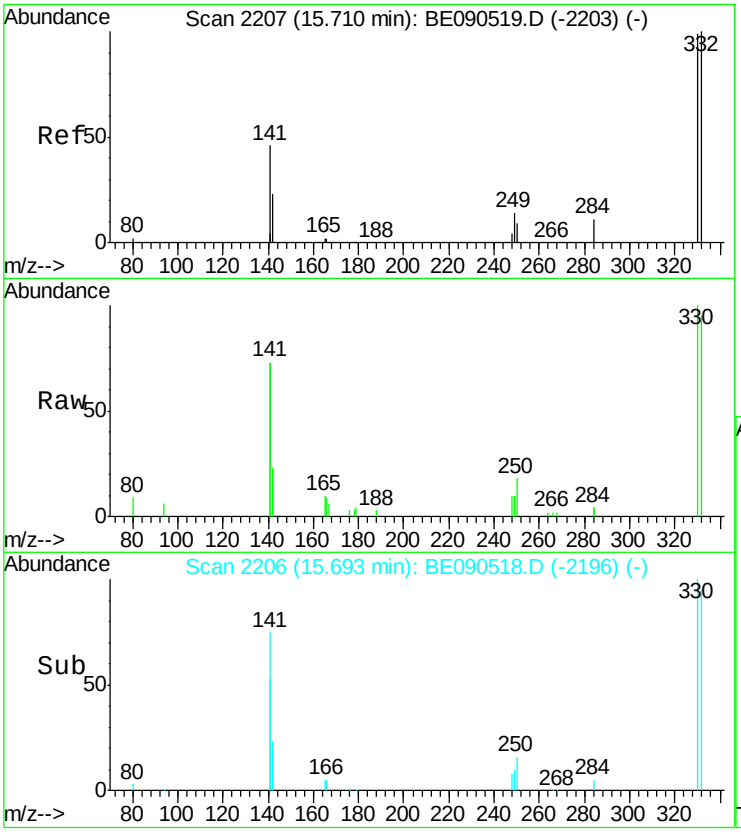


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:164 Resp: 122030

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.8	122.8
160	50.8	44.2	66.4



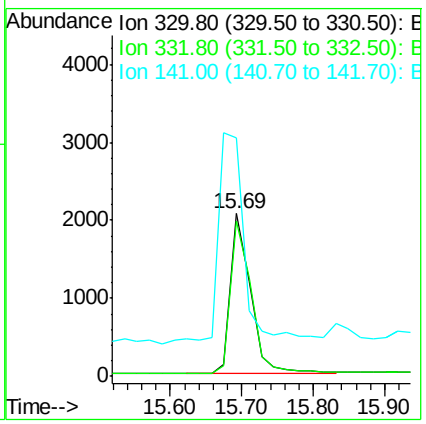


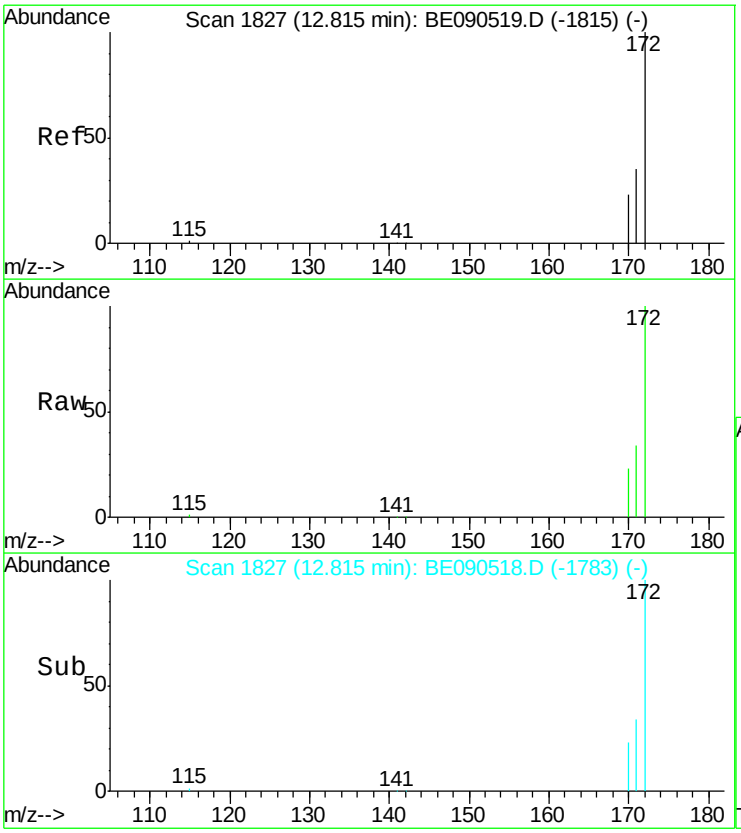
#13
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 3902

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.8	113.6
141	178.6	114.4	171.6#

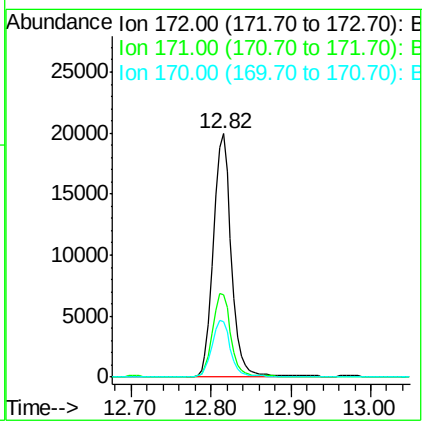


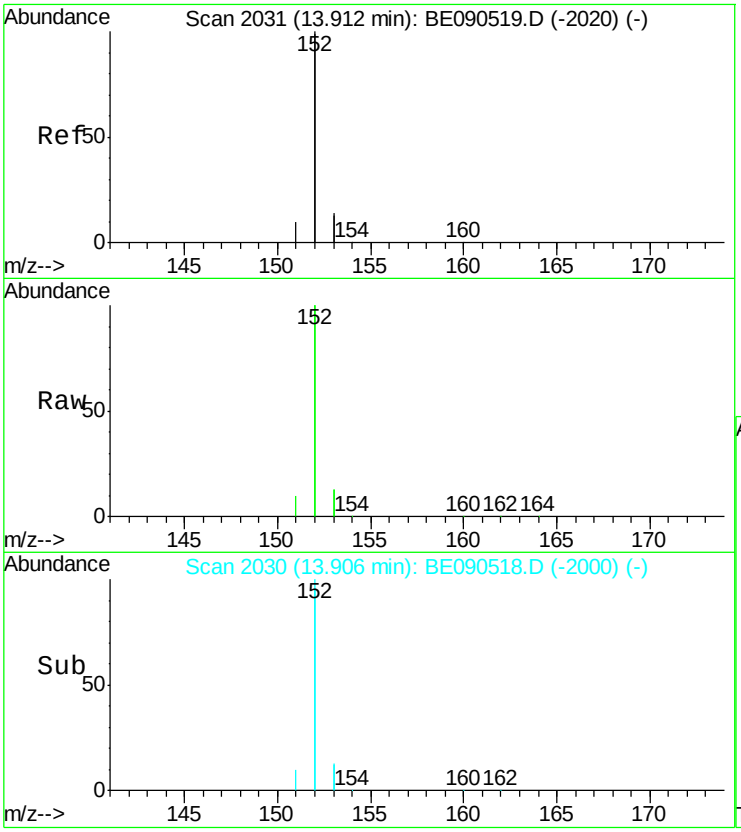


#14
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:172 Resp: 30738

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	22.9	19.8	29.8



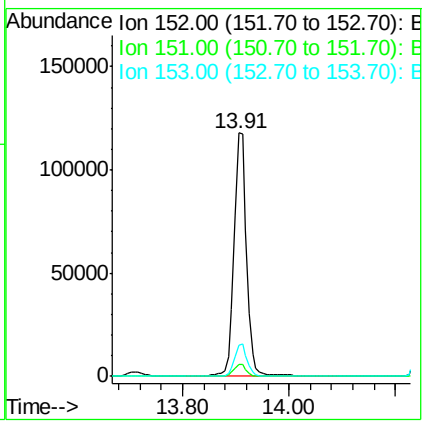


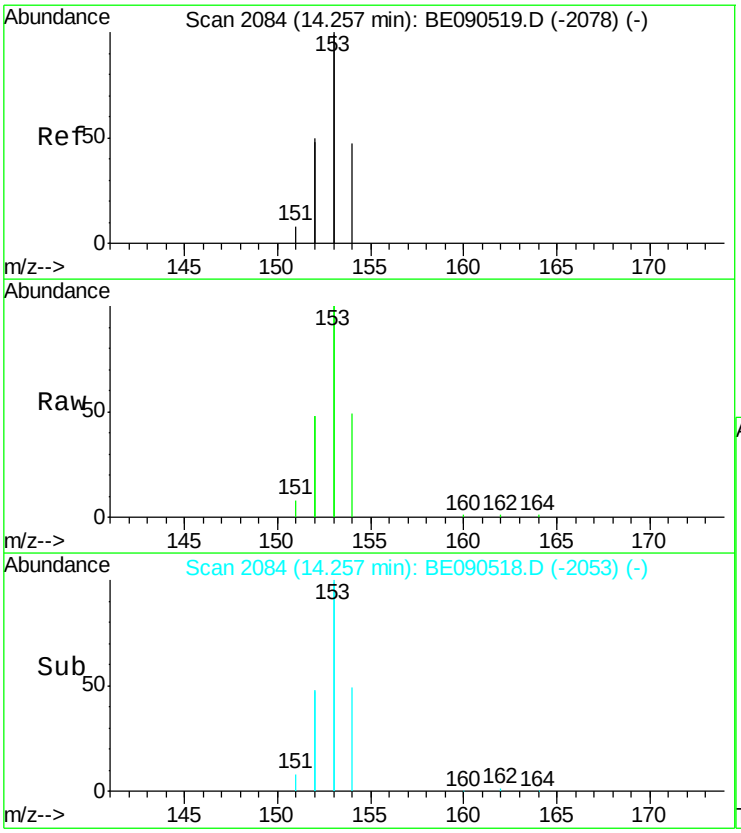
#15
Acenaphthylene
Concen: 0.82 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 188974

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

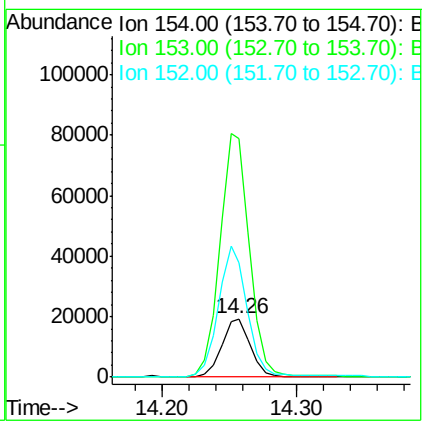


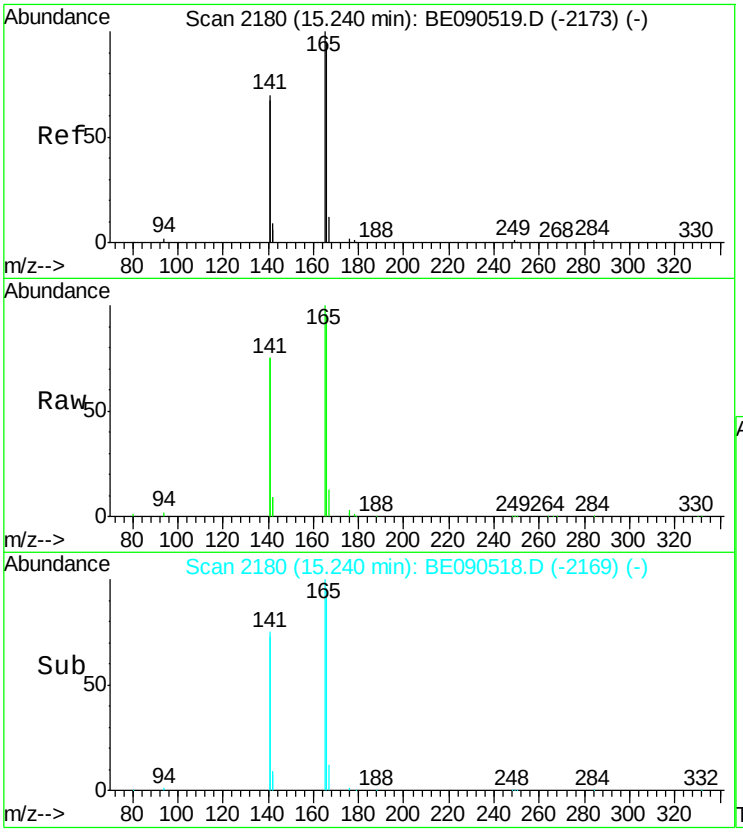


#16
Acenaphthene
Concen: 0.80 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:154 Resp: 28238

Ion	Ratio	Lower	Upper
154	100		
153	433.4	376.2	564.2
152	225.7	235.0	352.4#



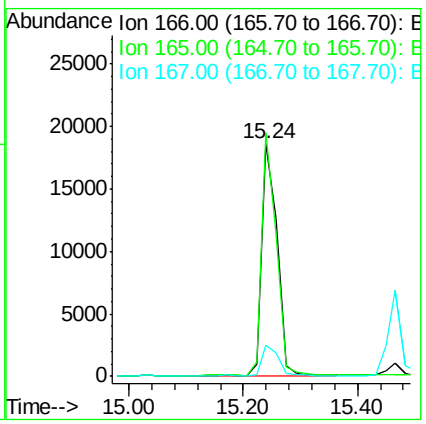


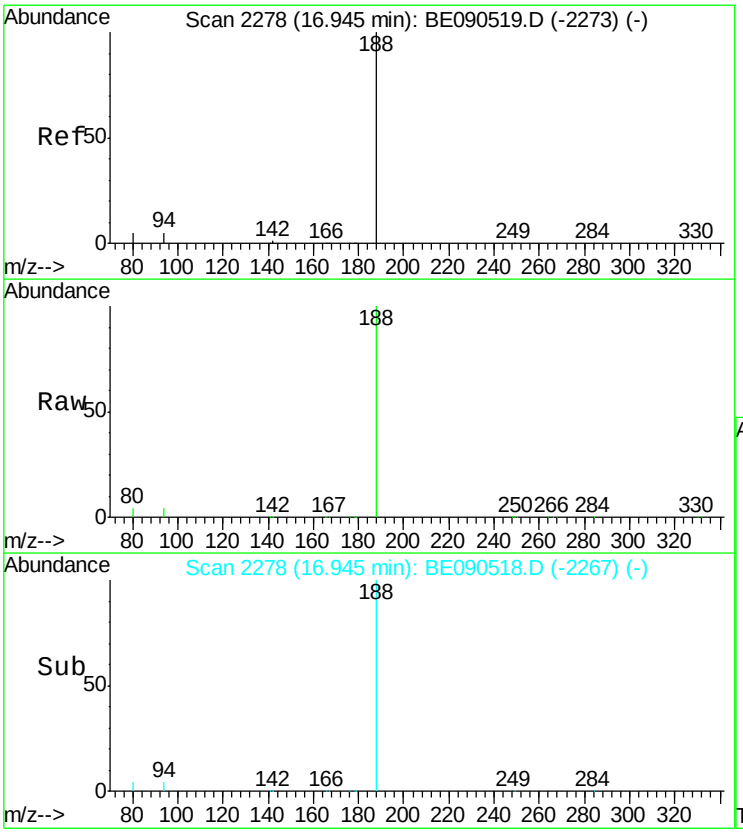
#17
Fluorene
Concen: 0.80 ng
RT: 15.24 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 34838

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.5	122.3
167	14.1	11.4	17.0

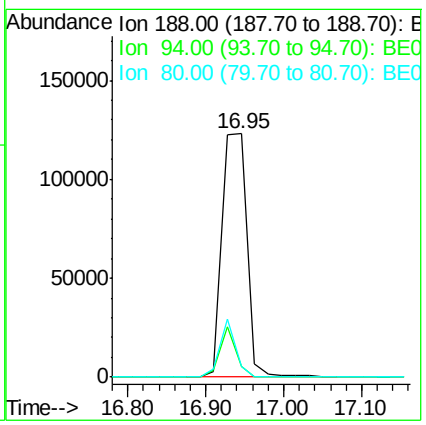


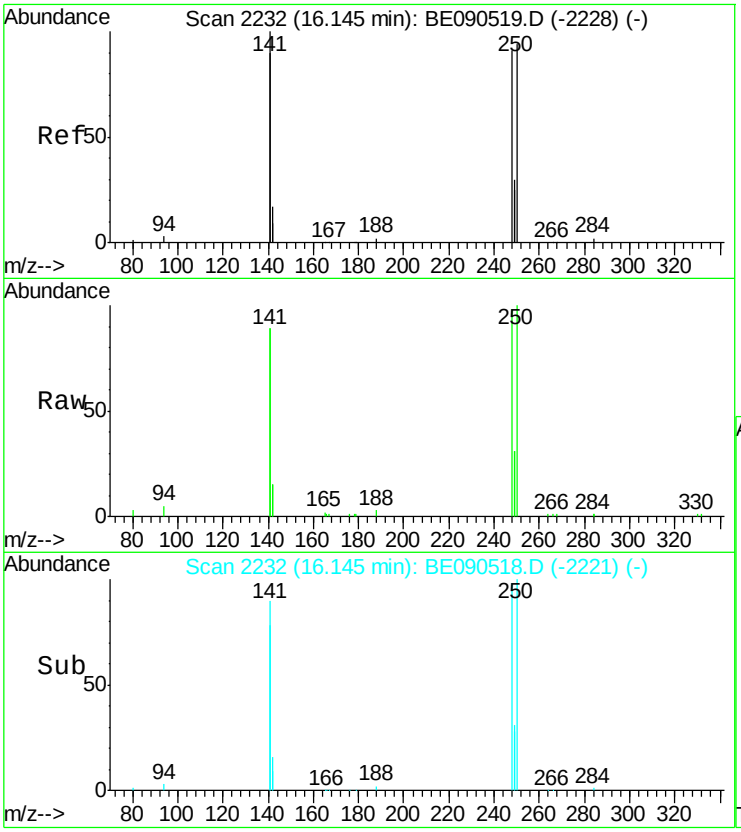


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:188 Resp: 270404

Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.7	8.5#
80	4.2	5.8	8.8#



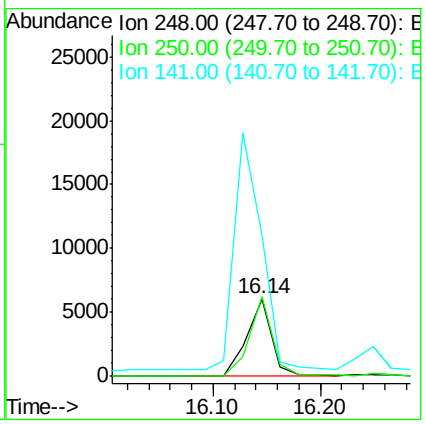


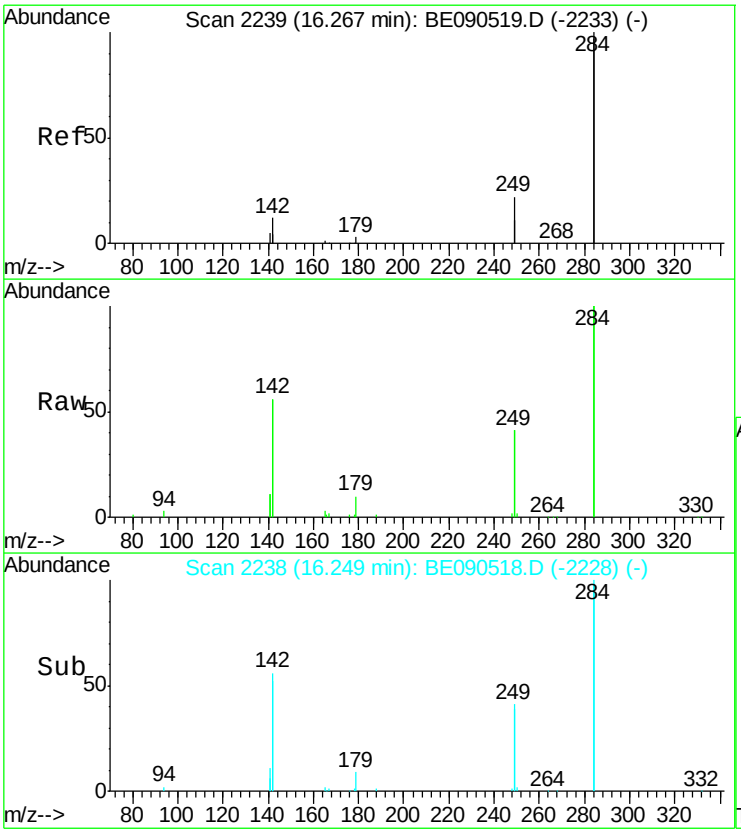
#19
4-Bromophenyl-phenylether
Concen: 0.82 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 9559

Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.0	118.6
141	341.4	239.5	359.3

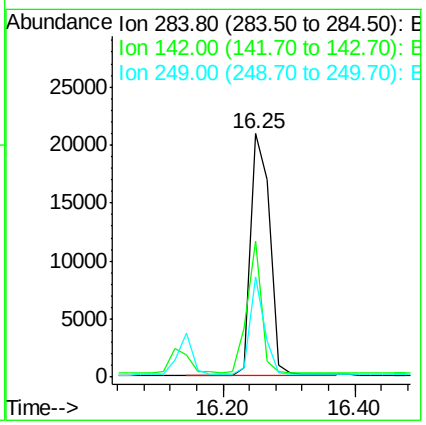


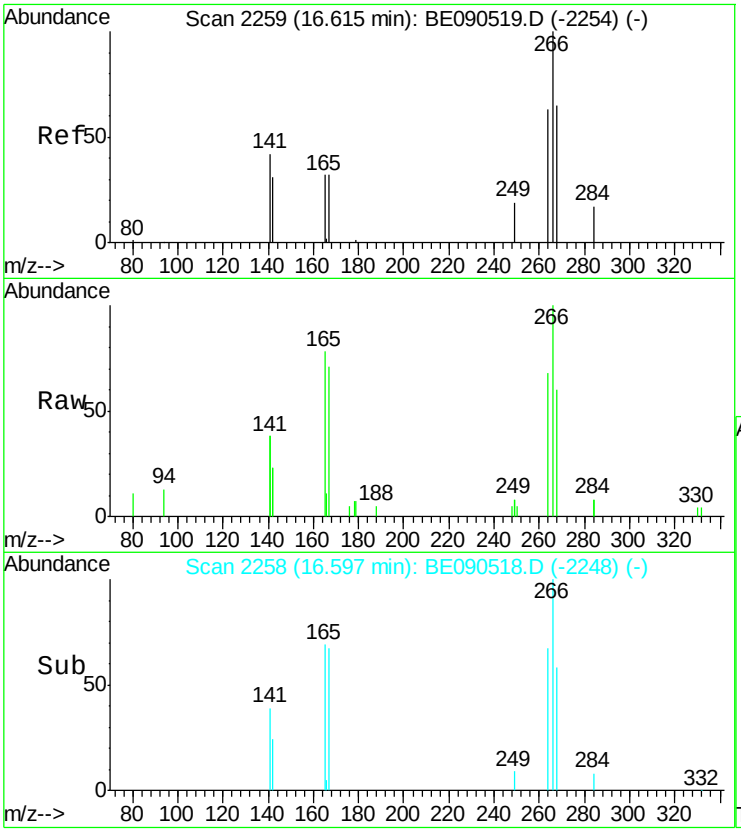


#20
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:284 Resp: 41227

Ion	Ratio	Lower	Upper
284	100		
142	41.7	30.1	45.1
249	30.9	25.7	38.5



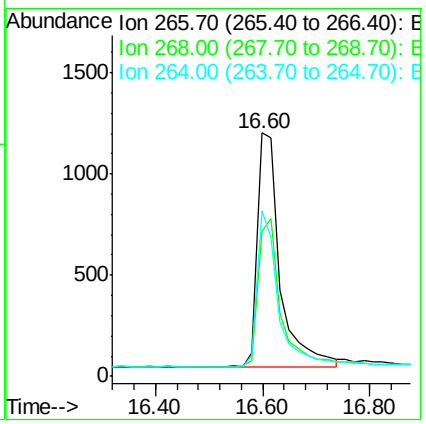


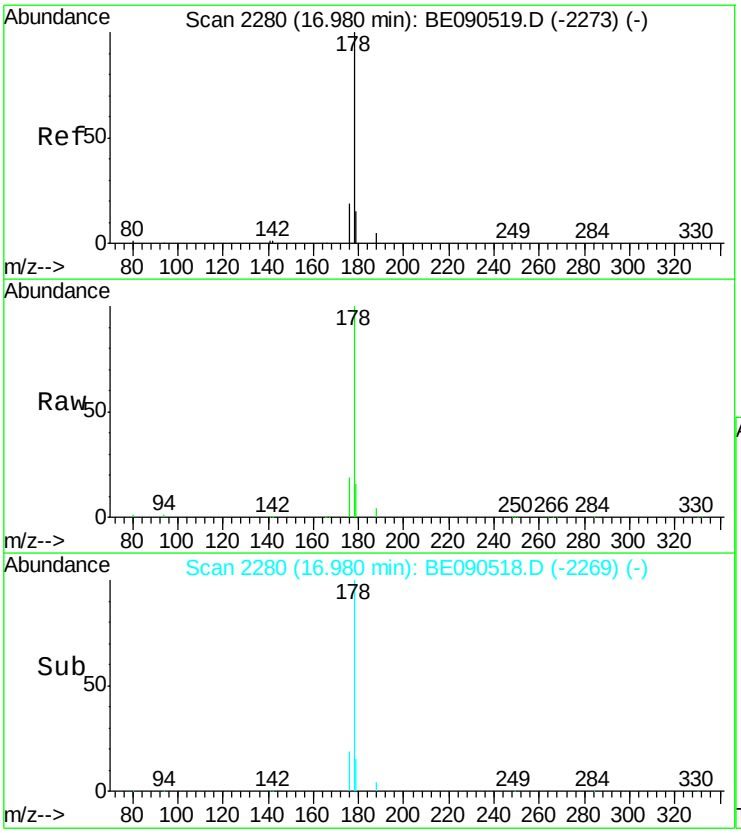
#21
Pentachlorophenol
Concen: 0.94 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 3427

Ion	Ratio	Lower	Upper
266	100		
268	59.7	58.5	87.7
264	68.1	56.0	84.0

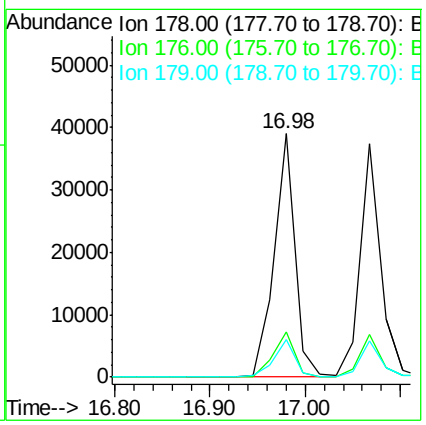


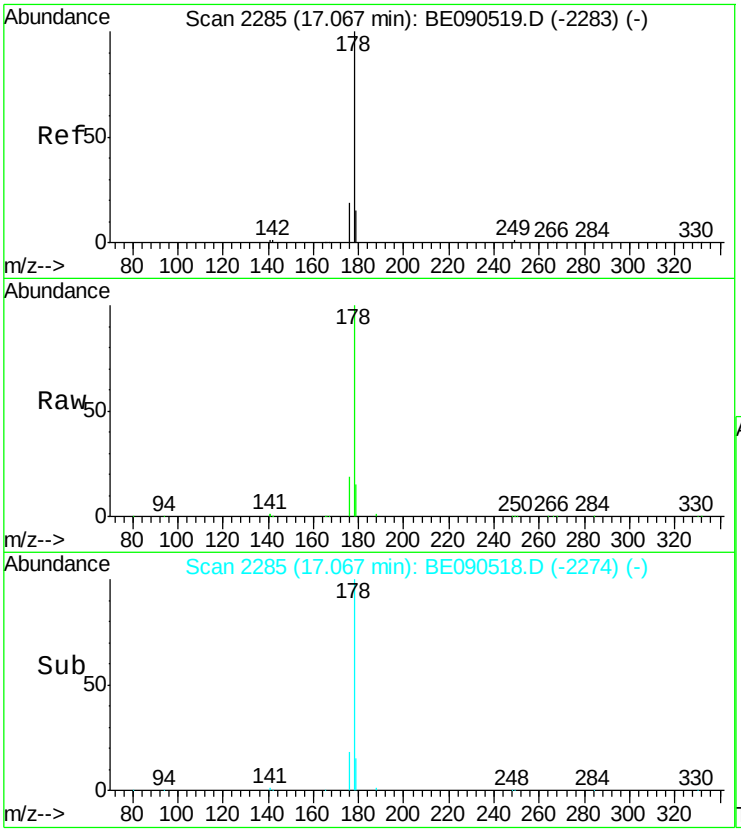


#22
Phenanthrene
Concen: 0.77 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:178 Resp: 58691

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.5	18.7



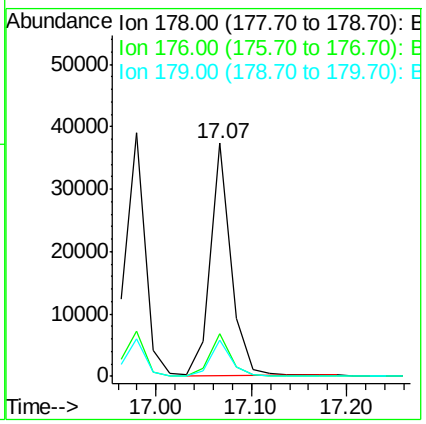


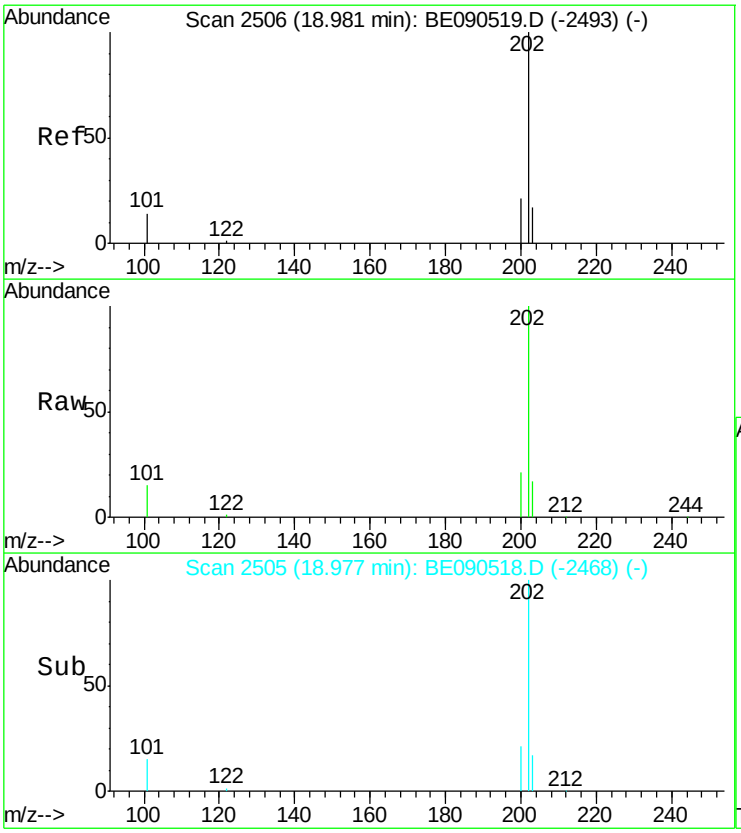
#23
Anthracene
Concen: 0.83 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 55779

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.2	18.4

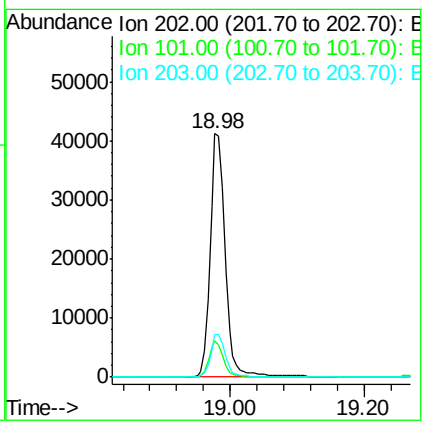


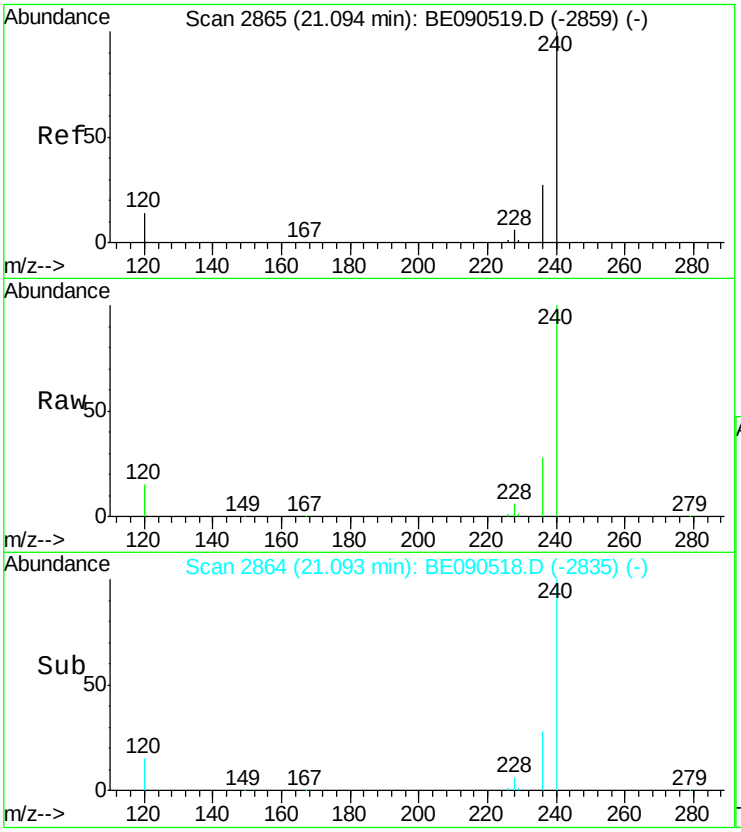


#24
Fluoranthene
Concen: 0.81 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:202 Resp: 63650

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.1	13.7	20.5



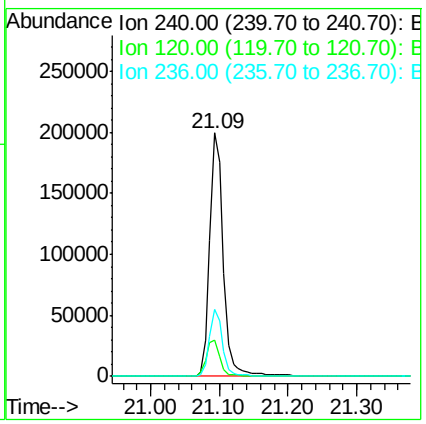


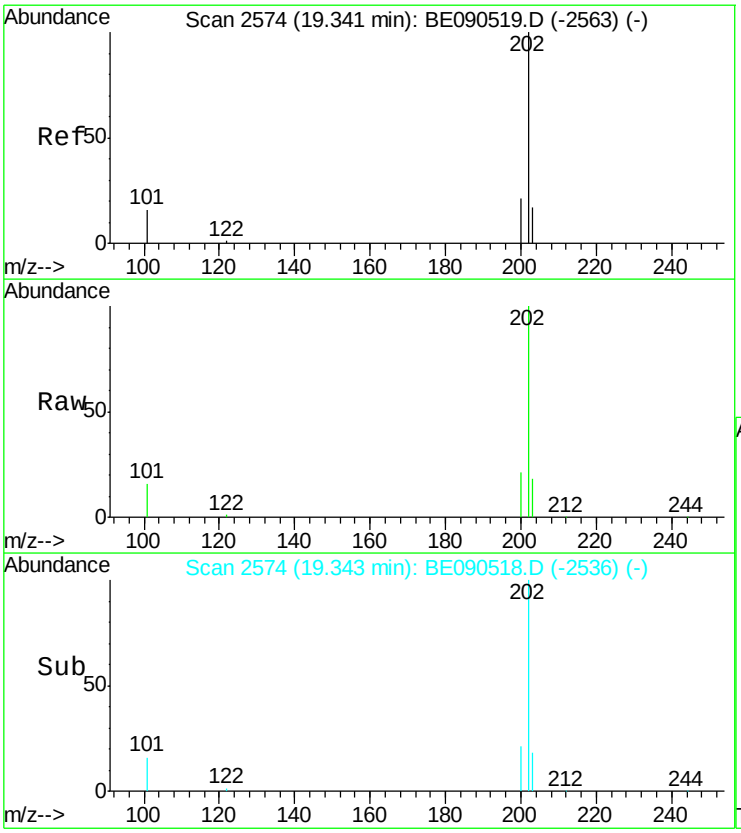
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 274741

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.3	12.5#
236	27.7	21.0	31.4

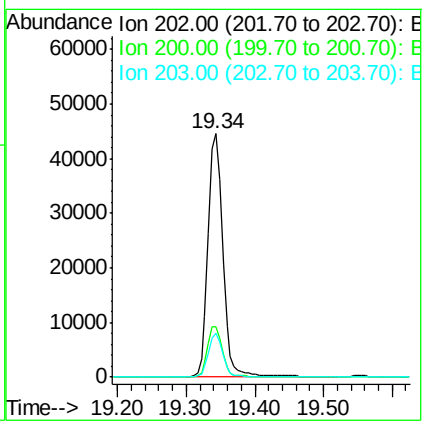


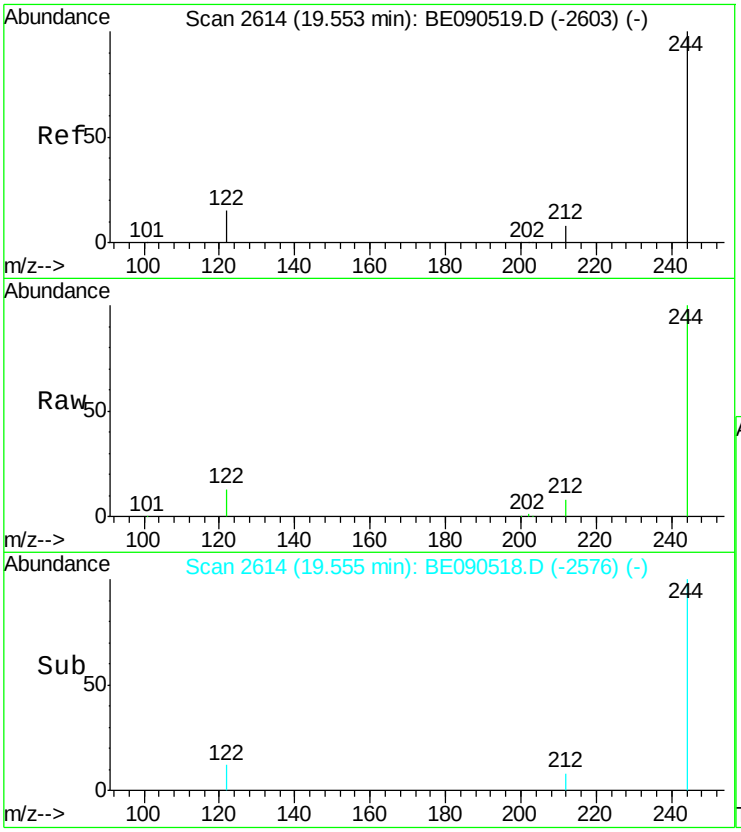


#26
Pyrene
Concen: 0.79 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:202 Resp: 65405

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.4	13.8	20.8



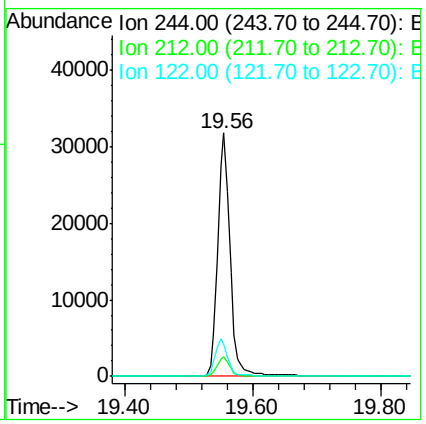


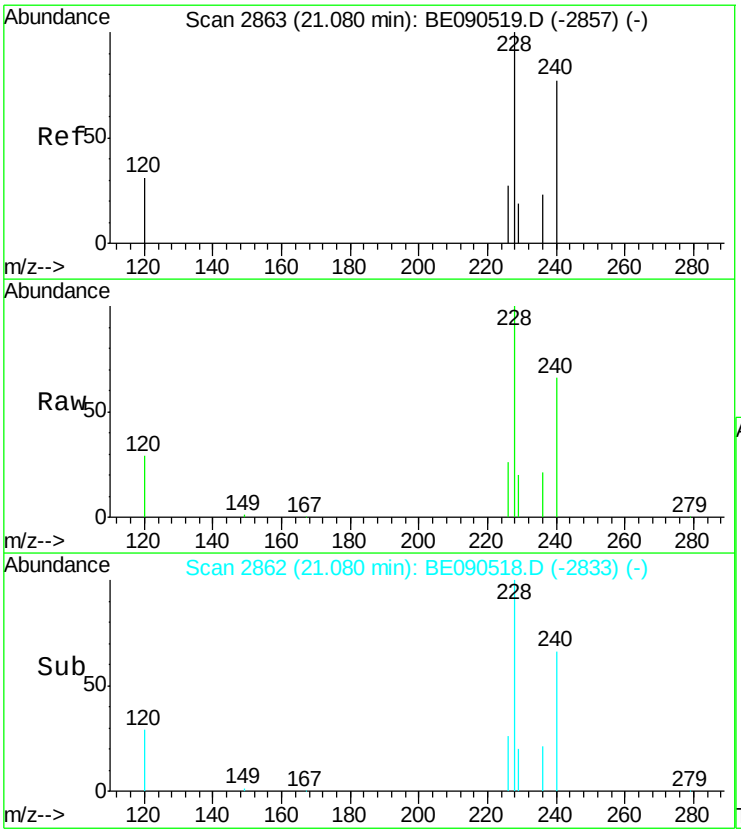
#27
Terphenyl-d14
Concen: 0.81 ng
RT: 19.56 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 42348

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	13.1	10.2	15.4

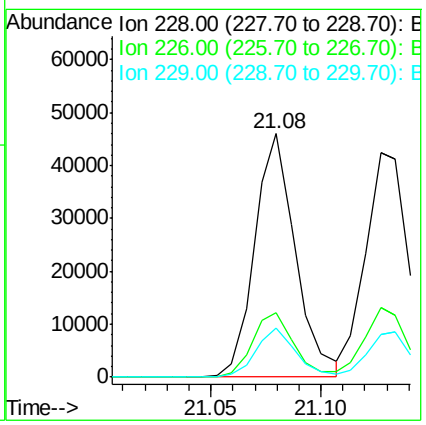


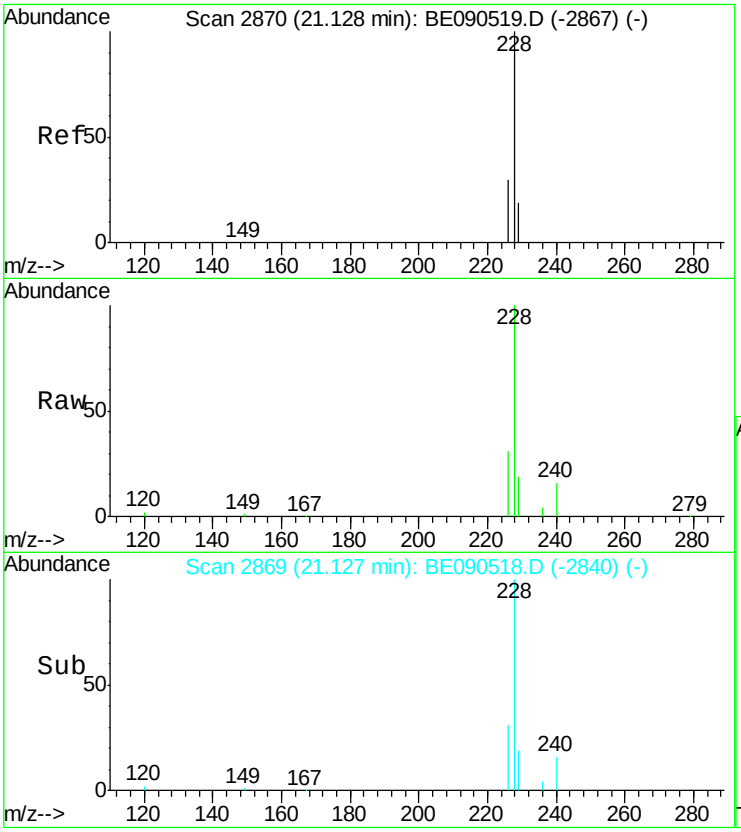


#28
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:228 Resp: 59360

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	20.1	15.4	23.0



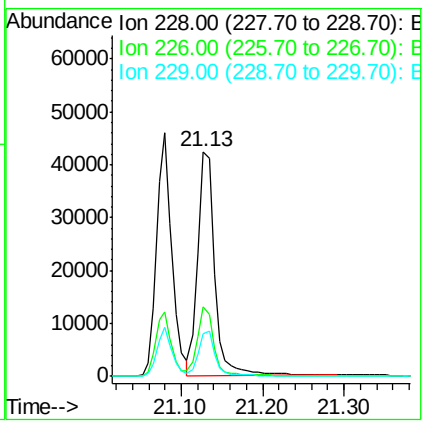


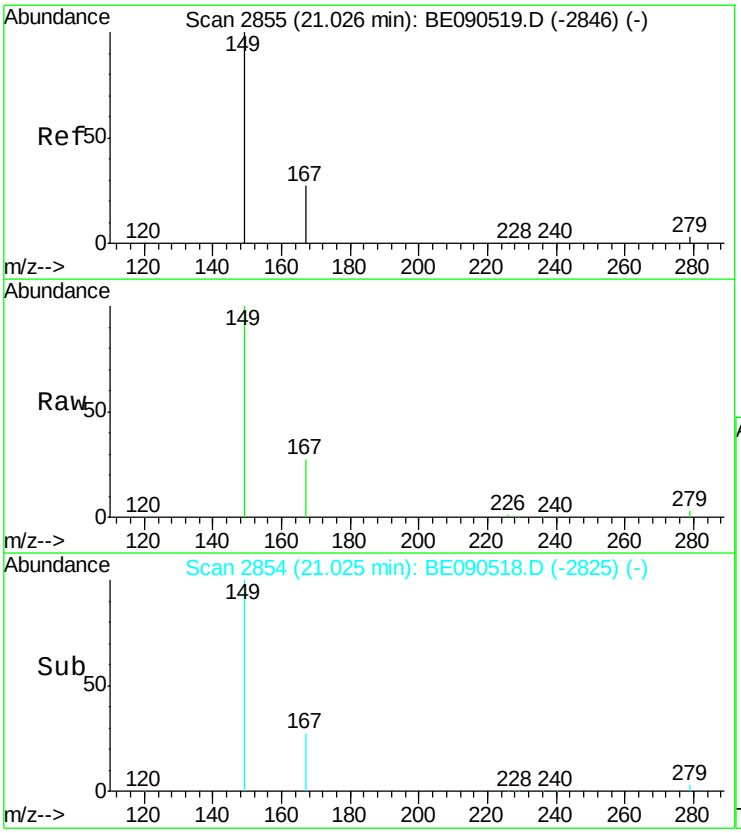
#29
Chrysene
Concen: 0.79 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 61704

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.1	34.7
229	19.1	15.8	23.8

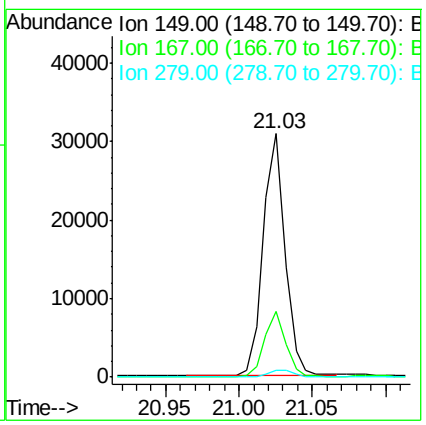


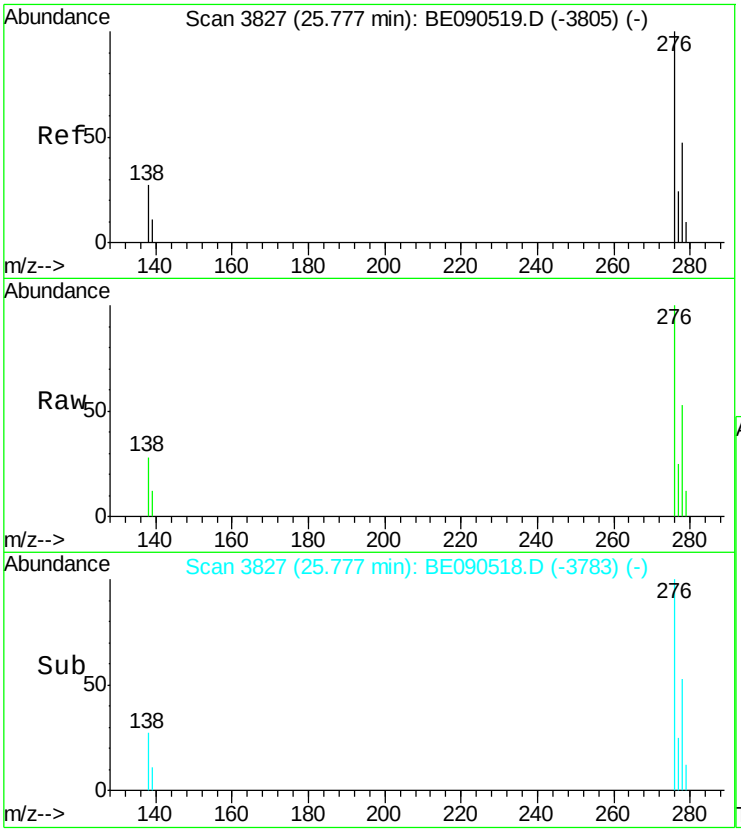


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.83 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:149 Resp: 32152

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	2.9	2.4	3.6



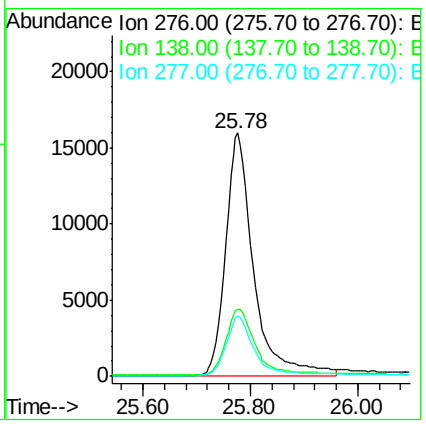


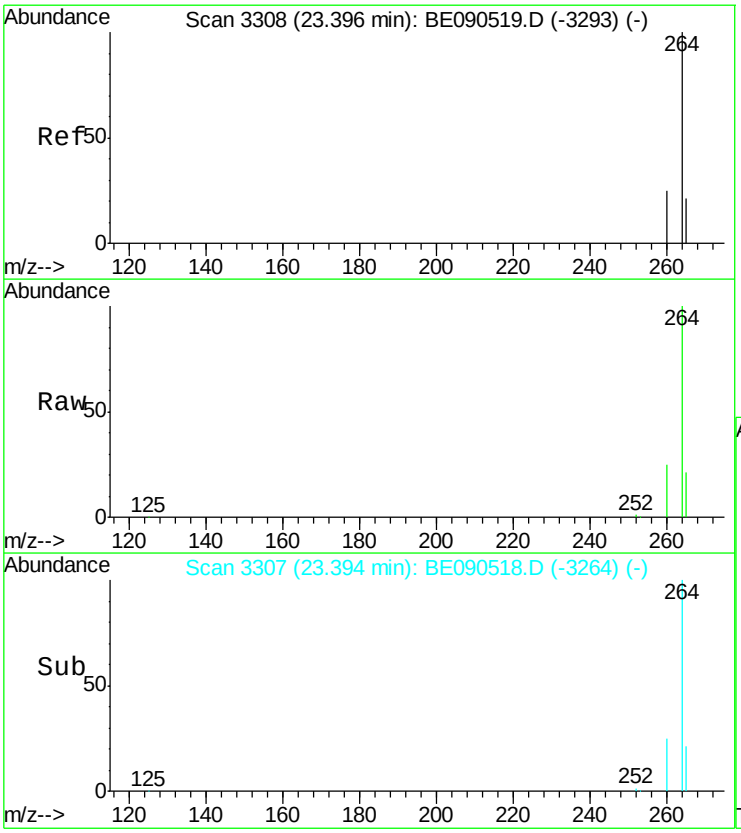
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.82 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 57453

Ion	Ratio	Lower	Upper
276	100		
138	29.4	18.8	28.2#
277	24.7	18.2	27.4

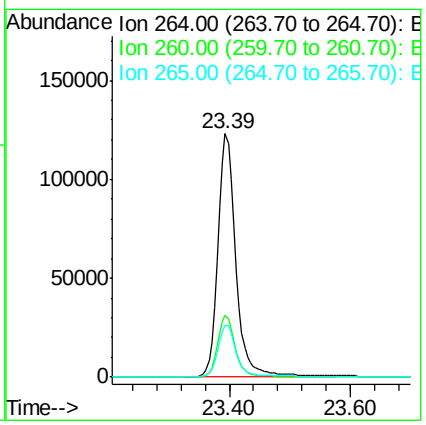


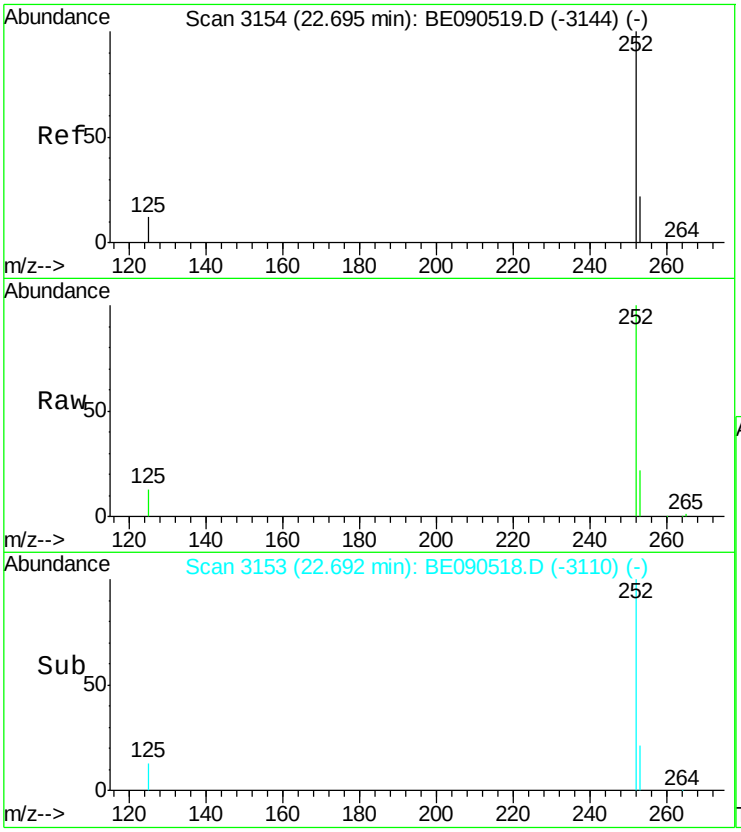


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:264 Resp: 253311

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	21.3	17.2	25.8



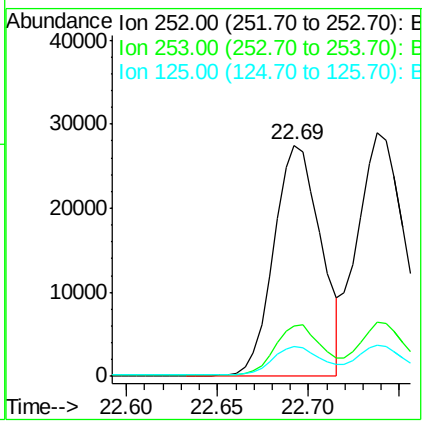


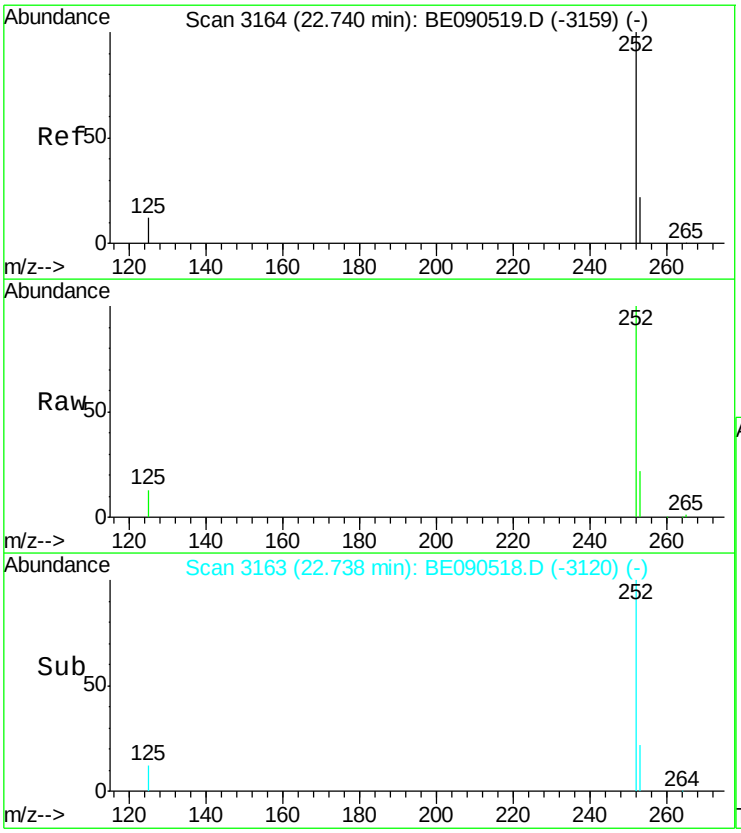
#33
Benzo(b)fluoranthene
Concen: 0.78 ng
RT: 22.69 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 49144

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.1	9.4	14.2

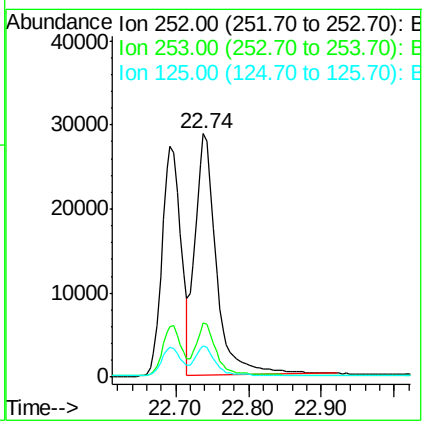


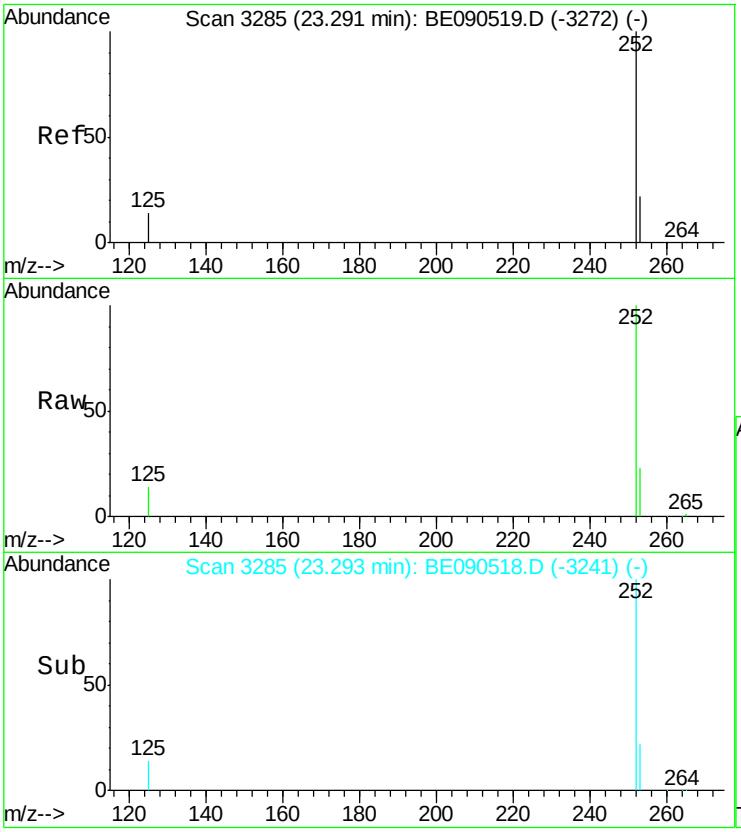


#34
Benzo(k)fluoranthene
Concen: 0.82 ng
RT: 22.74 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:252 Resp: 58443

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.1	13.7



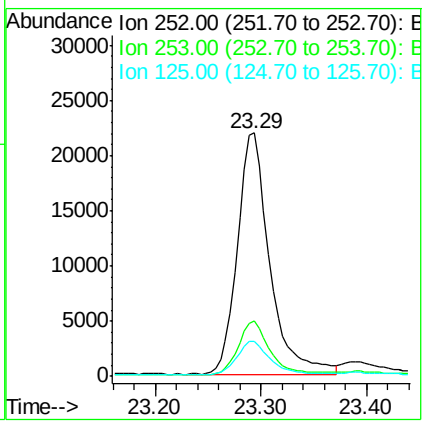


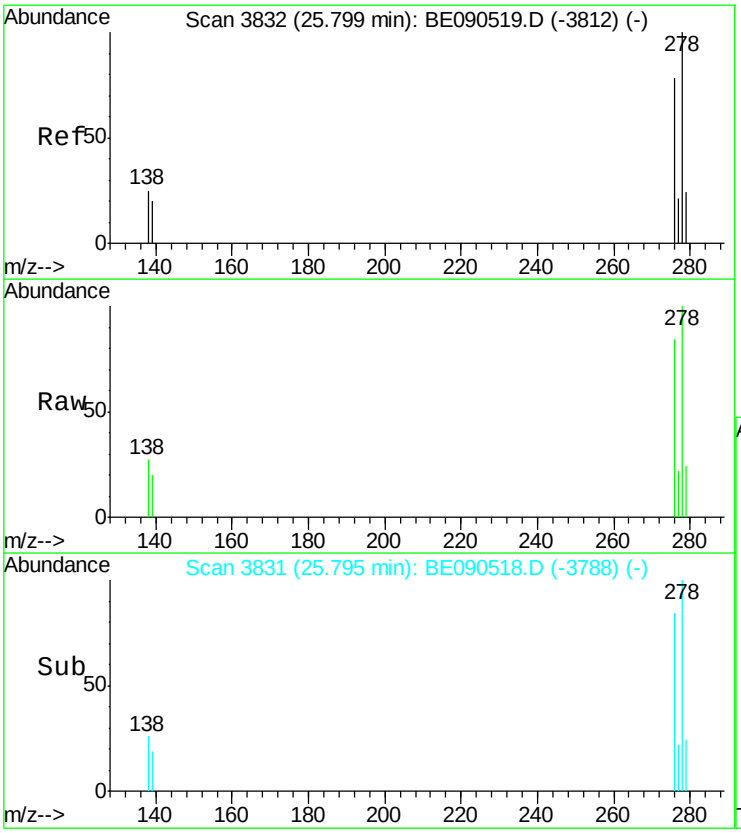
#35
Benzo(a)pyrene
Concen: 0.81 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 46604

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	14.1	9.8	14.6

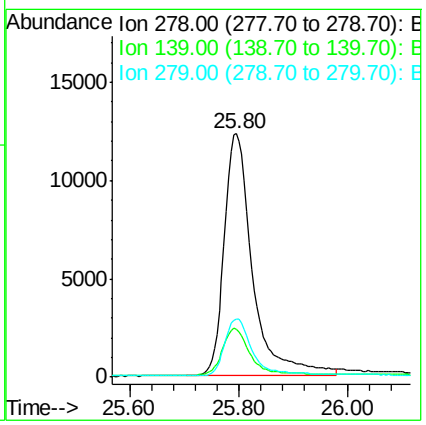


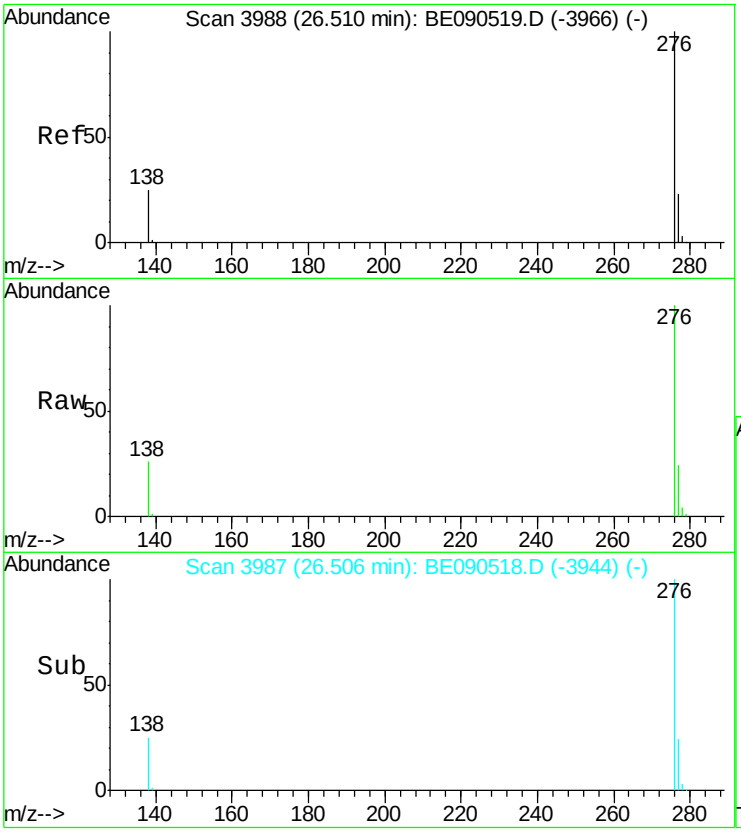


#36
Dibenzo(a,h)anthracene
Concen: 0.82 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Tgt Ion:278 Resp: 44755

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.2	21.4
279	23.9	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.81 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090518.D
Acq: 14 Aug 2015 13:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 48913

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.1	30.1
138	25.7	18.1	27.1