Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
Data File : BE090645.D
Acq On : 26 Aug 2015 21:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 26 23:51:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 26 23:44:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21793	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	99342	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	58477	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	150164	5.00	ng		0.00
25) Chrysene-d12	21.09	240	175368	5.00	ng		0.00
32) Perylene-d12	23.39	264	156952	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	4487	0.71	ng		0.00
5) Phenol-d6	6.77	99	6396	0.69	ng		0.00
7) Nitrobenzene-d5	8.72	82	7232	0.91	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1824	0.81	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	15679	0.90	ng		0.00
27) Terphenyl-d14	19.55	244	27810	0.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3187	1.23	ng		93
3) n-Nitrosodimethylamine	3.48	42	3801	1.01	ng		85
8) Nitrobenzene	8.77	77	7256	0.88	ng		97
9) Naphthalene	10.38	128	21868	0.97	ng		99
10) Hexachlorobutadiene	10.67	225	3459	1.04	ng		99
11) 2-Methylnaphthalene	12.01	142	13476	0.92	ng		97
15) Acenaphthylene	13.91	152	97297	0.91	ng		100
16) Acenaphthene	14.25	154	15645	0.97	ng		82
17) Fluorene	15.26	166	20601	1.05	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5404	0.88	ng		78
20) Hexachlorobenzene	16.25	284	27164	1.00	ng		96
21) Pentachlorophenol	16.61	266	1722	0.80	ng		90
22) Phenanthrene	16.98	178	38533	0.98	ng		100
23) Anthracene	17.07	178	34137	0.94	ng		100
24) Fluoranthene	18.98	202	41053	0.98	ng		99
26) Pyrene	19.34	202	44032	0.88	ng		100
28) Benzo(a)anthracene	21.07	228	41447	0.90	ng		99
29) Chrysene	21.13	228	48072	1.02	ng		99
30) Bis(2-ethylhexyl)phthalate	21.02	149	13538	0.62	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	40167	0.90	ng	#	92
33) Benzo(b)fluoranthene	22.69	252	34388	0.93	ng		98
34) Benzo(k)fluoranthene	22.74	252	42988	1.02	ng		98
35) Benzo(a)pyrene	23.29	252	32140	0.92	ng	#	97
36) Dibenzo(a,h)anthracene	25.80	278	30075	0.90	ng		96
37) Benzo(g,h,i)perylene	26.51	276	33228	0.91	ng		95

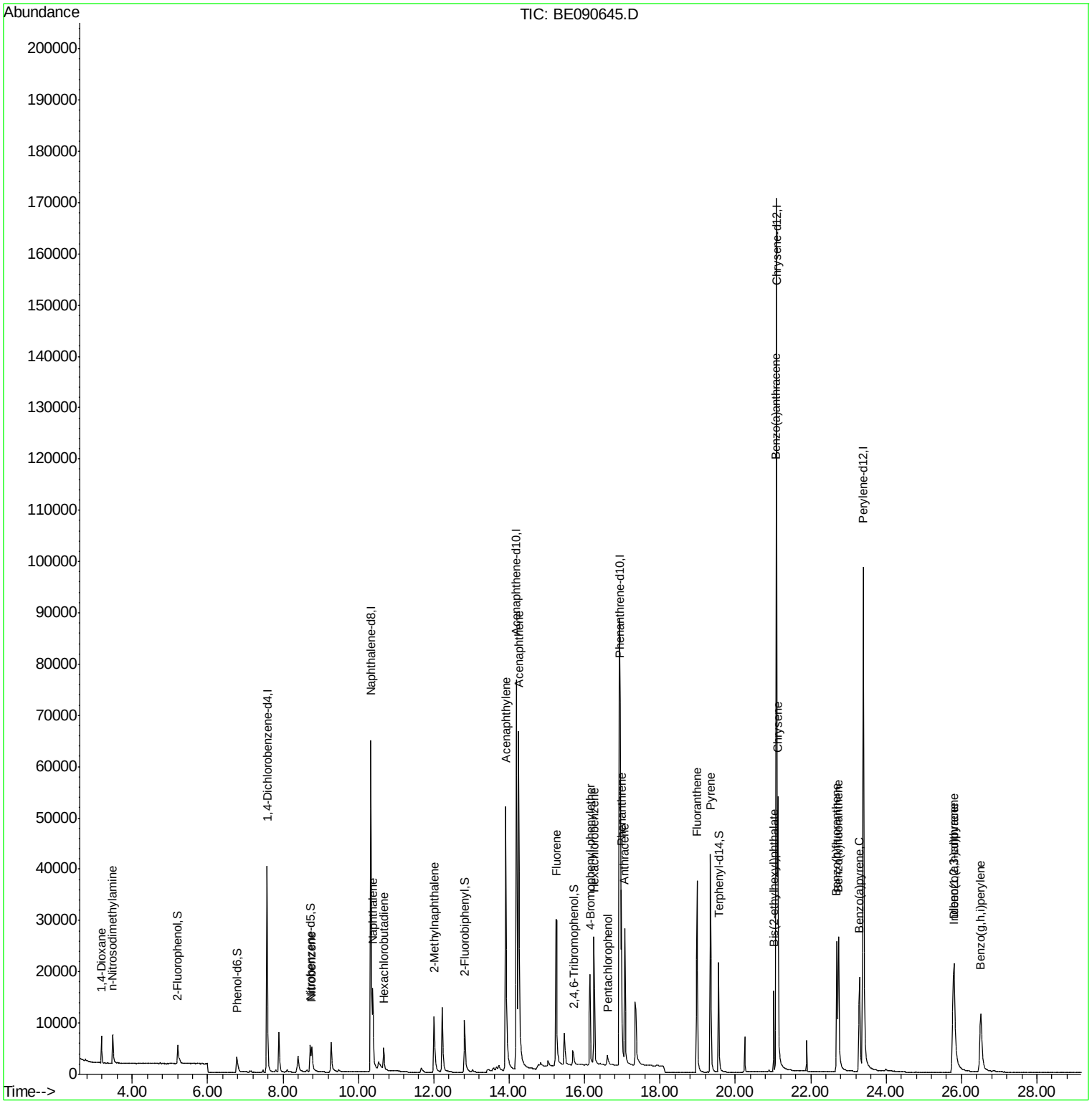
(#) = qualifier out of range (m) = manual integration (+) = signals summed

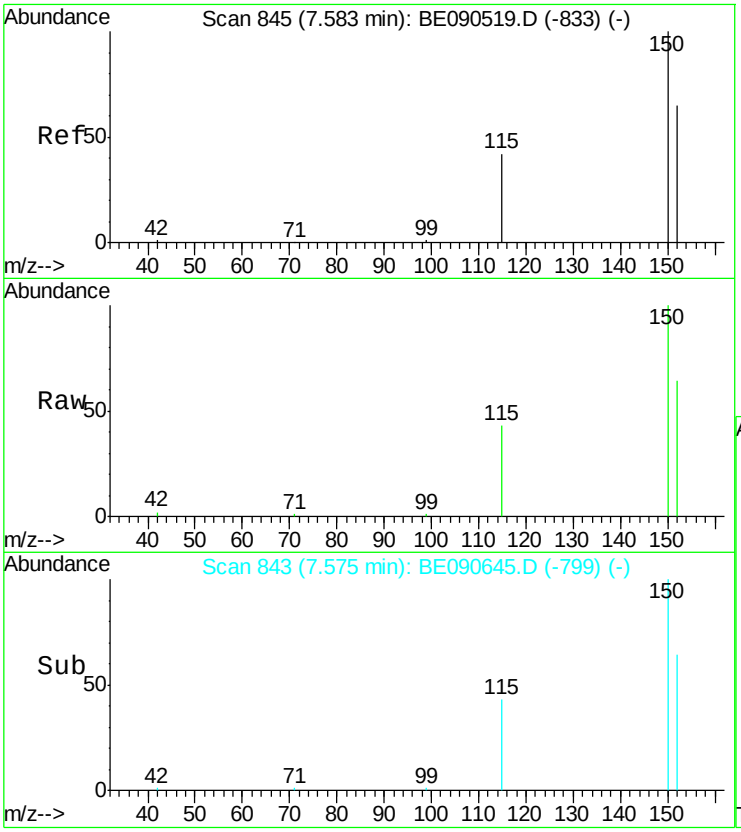
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082615\
Data File : BE090645.D
Acq On : 26 Aug 2015 21:37
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 26 23:51:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 26 23:44:39 2015
Response via : Initial Calibration



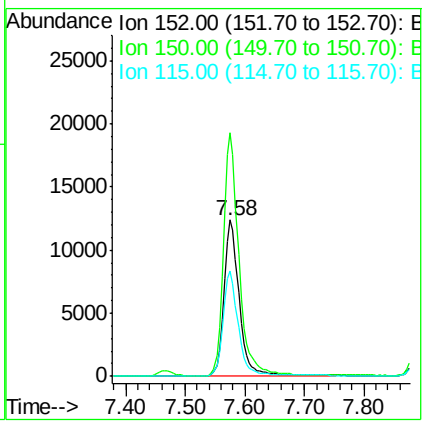


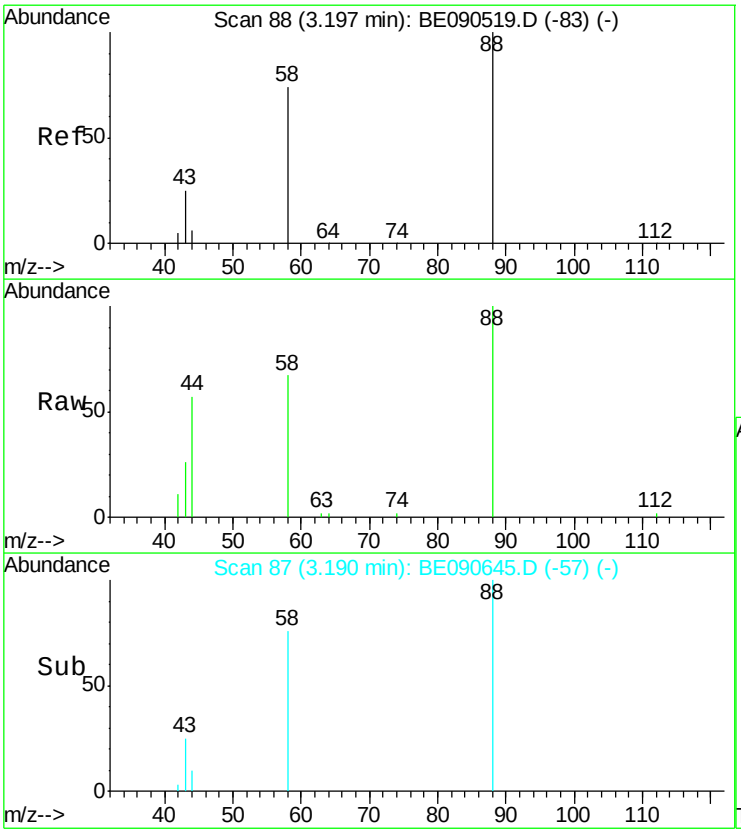
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 21793

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	67.1	48.9	73.3

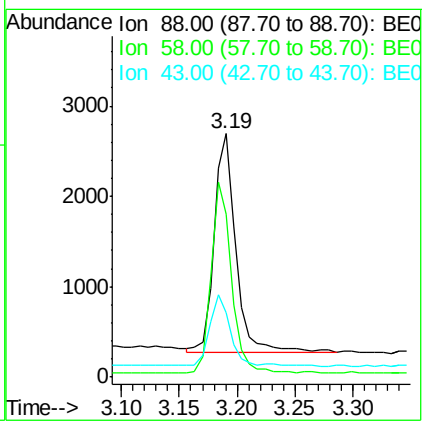


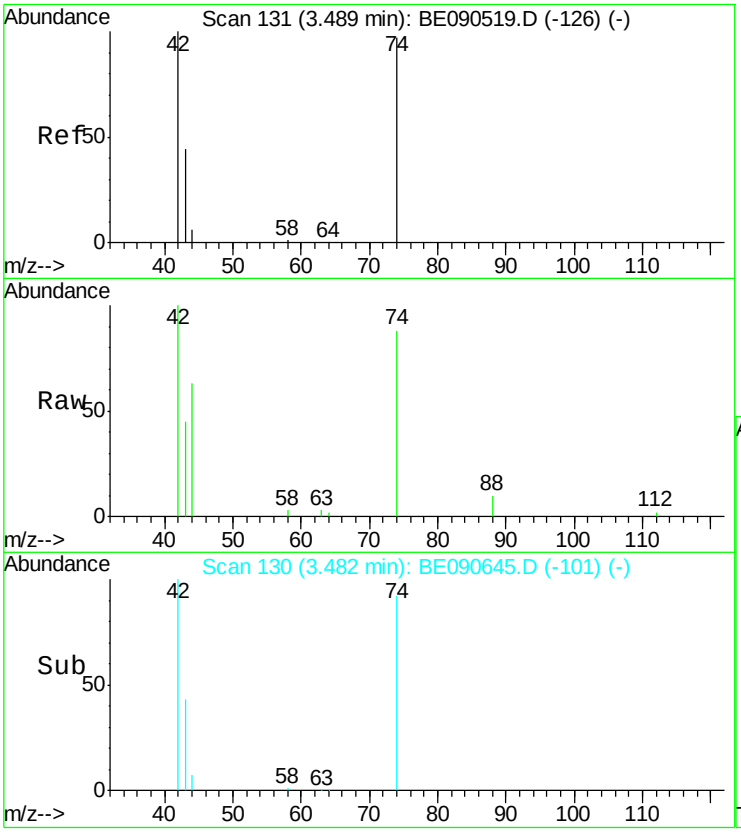


#2
1,4-Dioxane
Concen: 1.23 ng
RT: 3.19 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion: 88 Resp: 3187

Ion	Ratio	Lower	Upper
88	100		
58	81.0	70.0	105.0
43	30.7	28.4	42.6



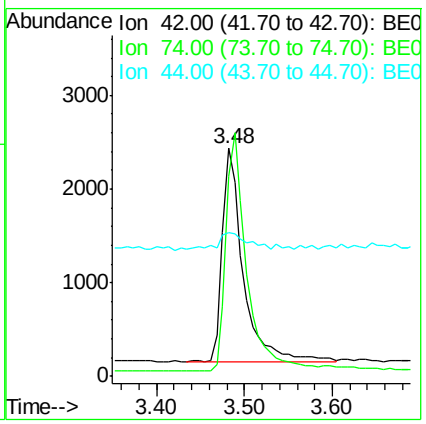


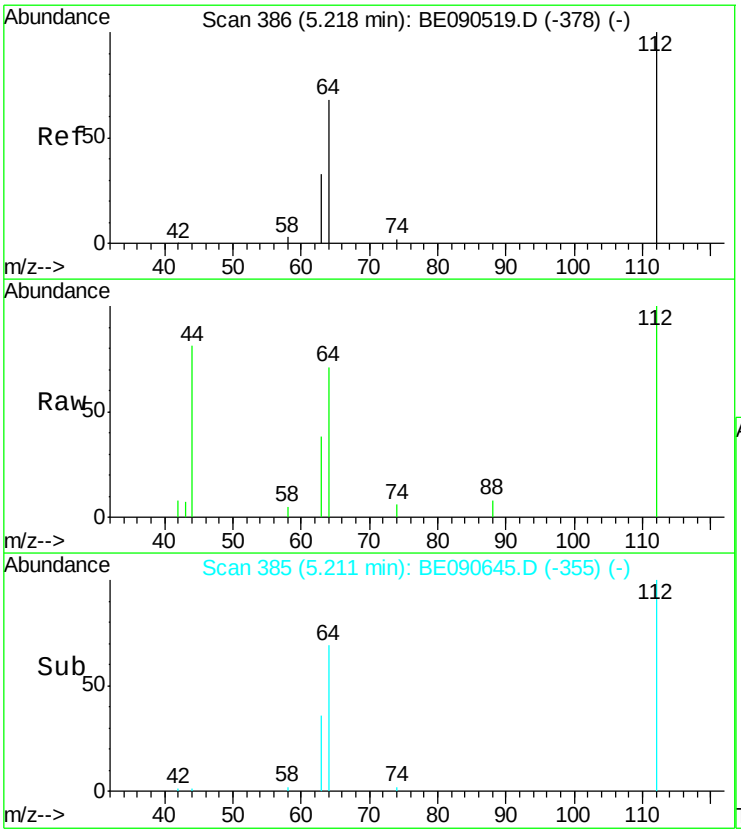
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3801

Ion	Ratio	Lower	Upper
42	100		
74	110.2	75.2	112.8
44	10.2	8.7	13.1

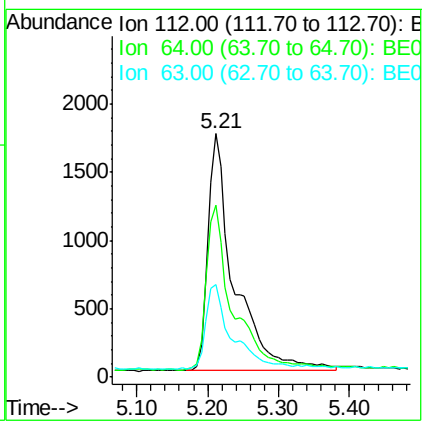


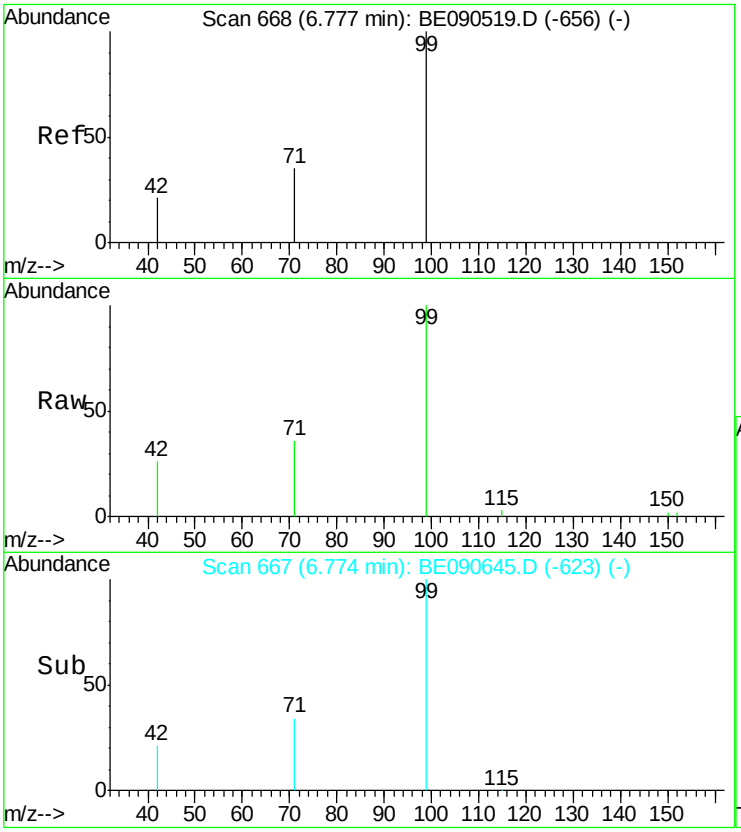


#4
2-Fluorophenol
Concen: 0.71 ng
RT: 5.21 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:112 Resp: 4487

Ion	Ratio	Lower	Upper
112	100		
64	70.2	37.1	55.7#
63	34.9	19.5	29.3#



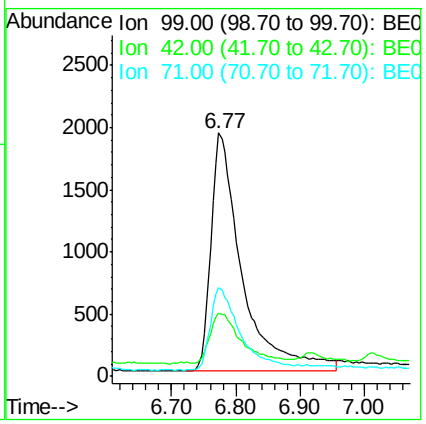


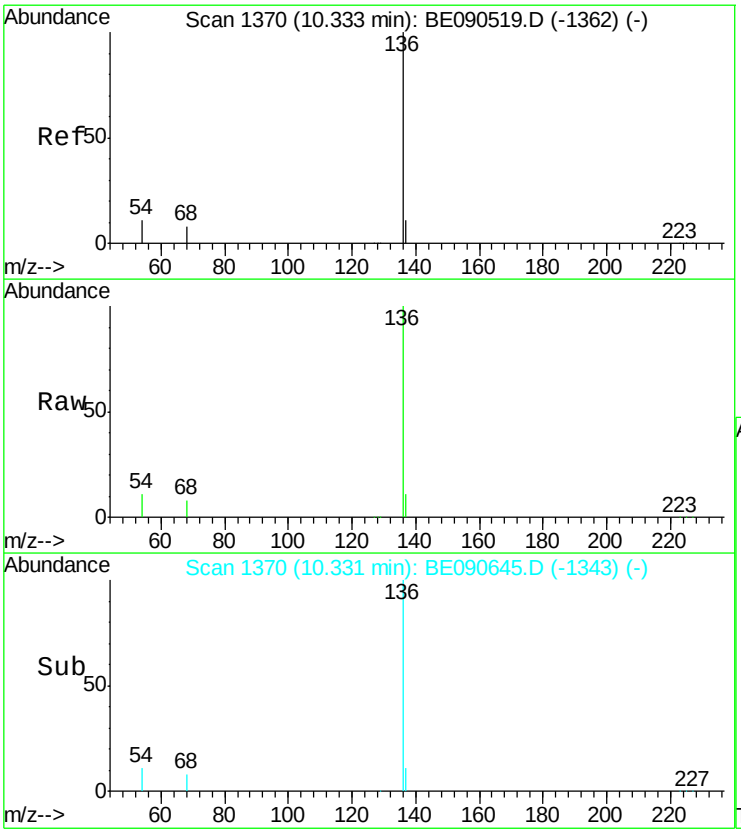
#5
Phenol-d6
Concen: 0.69 ng
RT: 6.77 min Scan# 667
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 6396

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	34.3	27.4	41.0

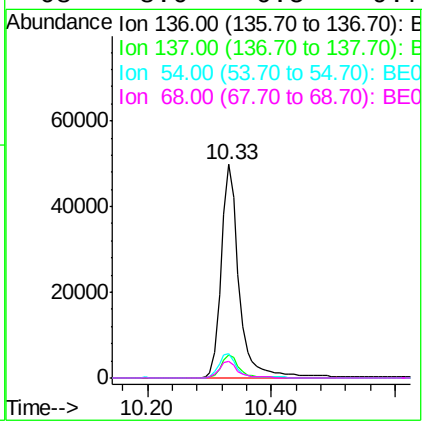


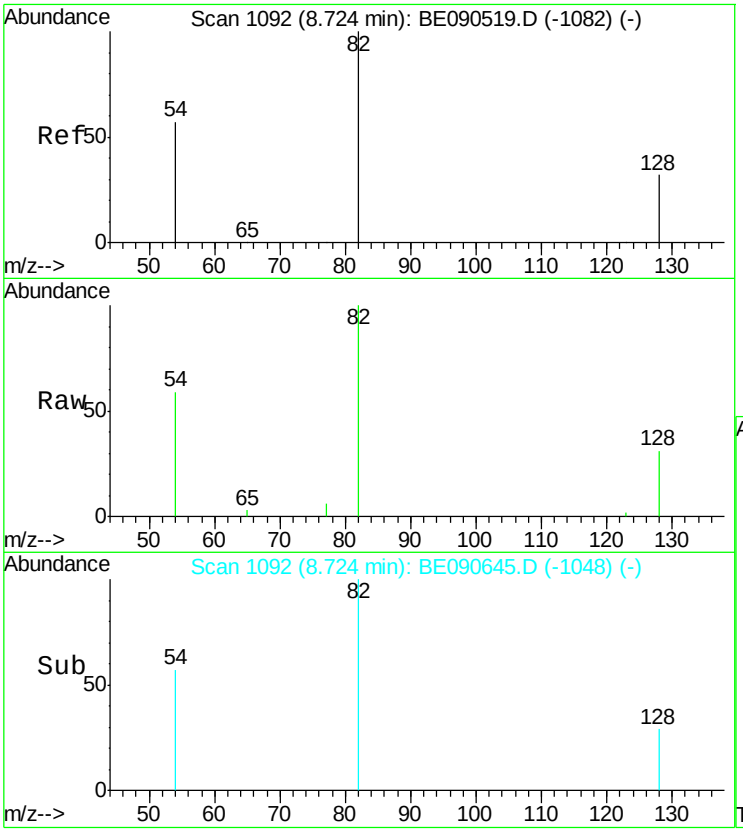


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:136 Resp: 99342

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.3	9.4	14.0
68	8.0	6.5	9.7



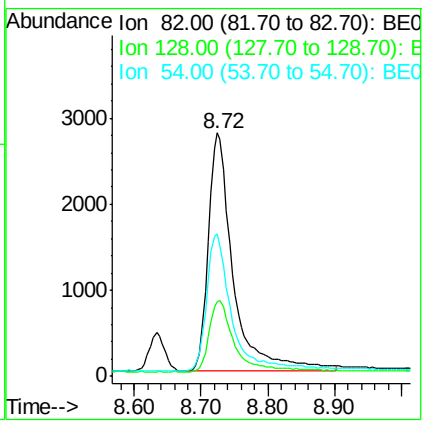


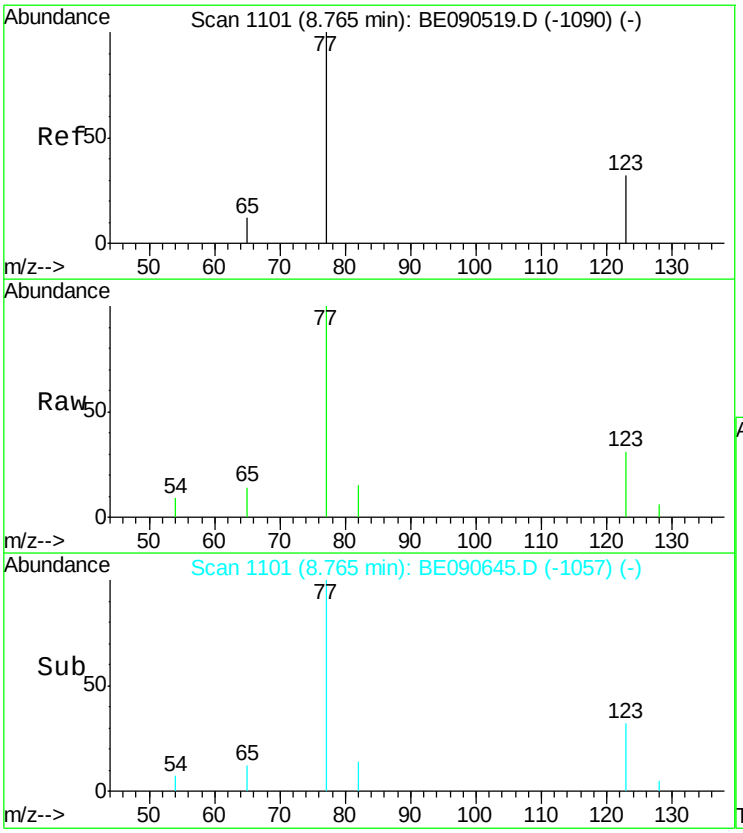
#7
Nitrobenzene-d5
Concen: 0.91 ng
RT: 8.72 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 7232

Ion	Ratio	Lower	Upper
82	100		
128	30.8	25.0	37.6
54	58.8	48.8	73.2

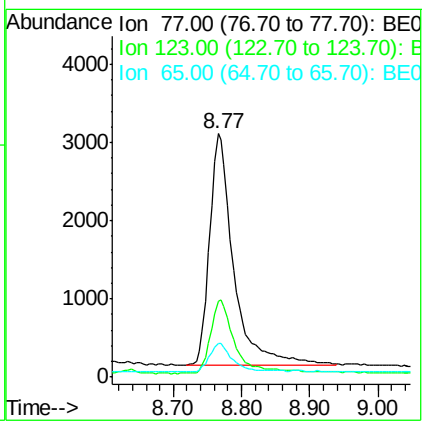


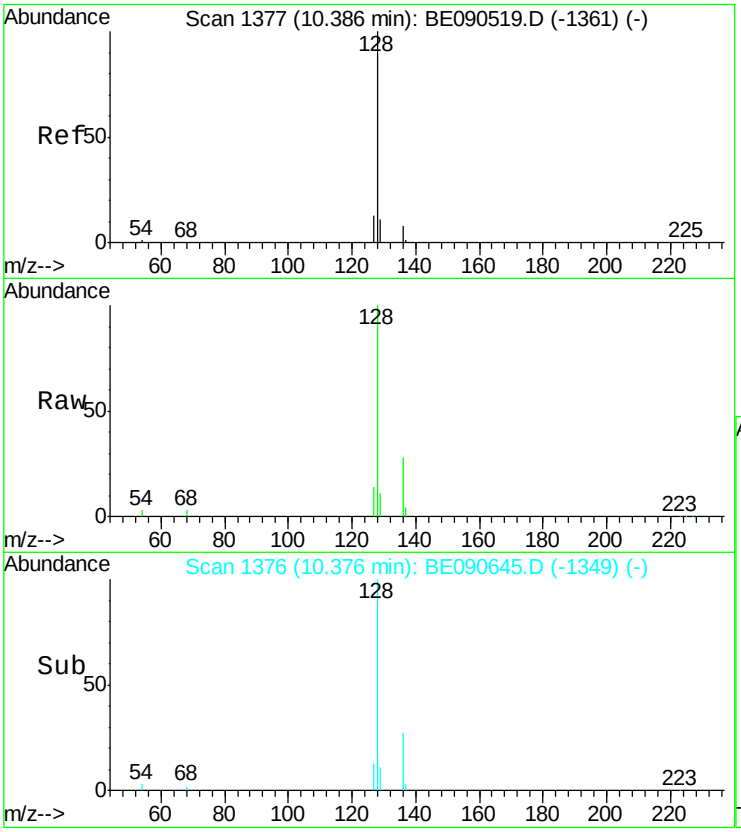


#8
Nitrobenzene
Concen: 0.88 ng
RT: 8.77 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion: 77 Resp: 7256

Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.1	37.7
65	12.1	9.3	13.9



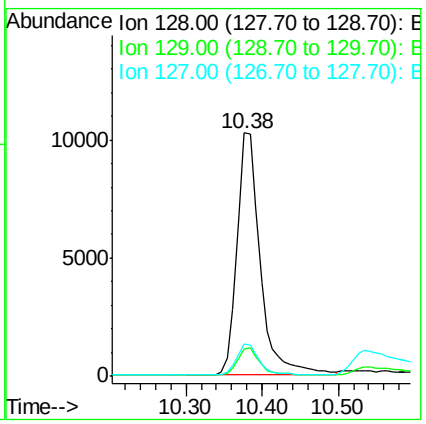


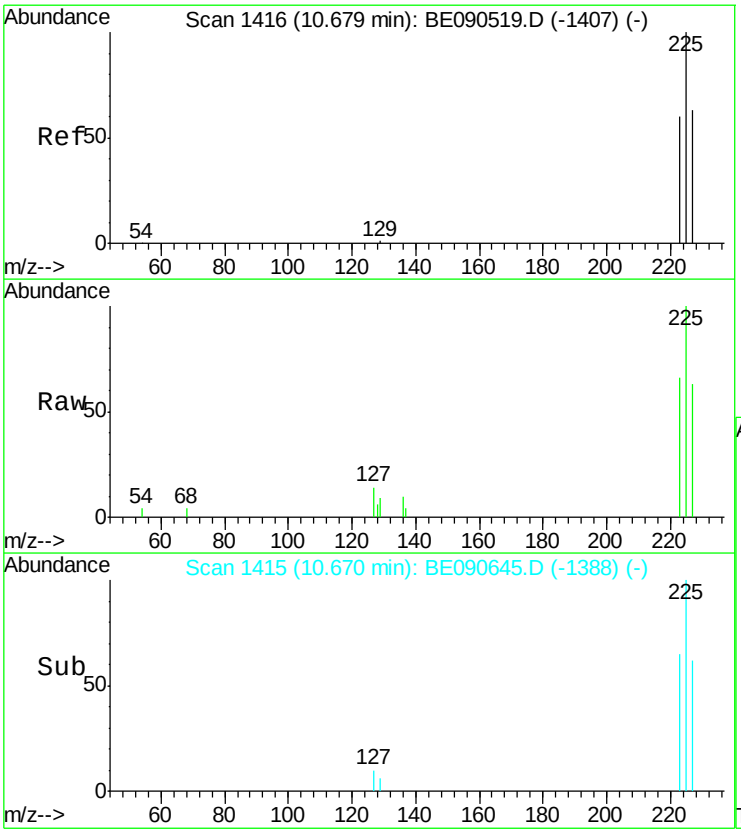
#9
Naphthalene
Concen: 0.97 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 21868

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.5	10.6	16.0

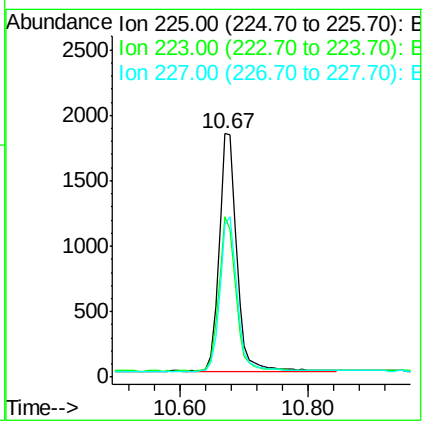


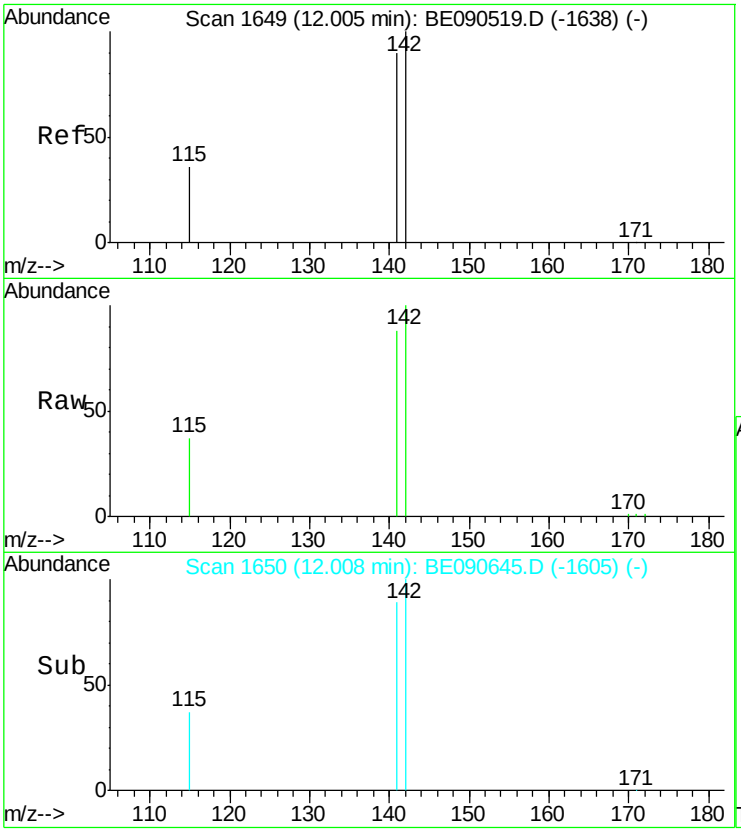


#10
Hexachlorobutadiene
Concen: 1.04 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:225 Resp: 3459

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	64.3	50.7	76.1



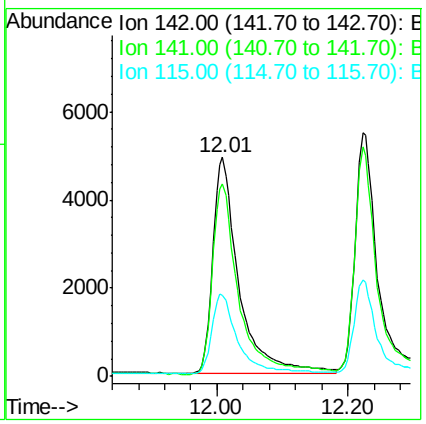


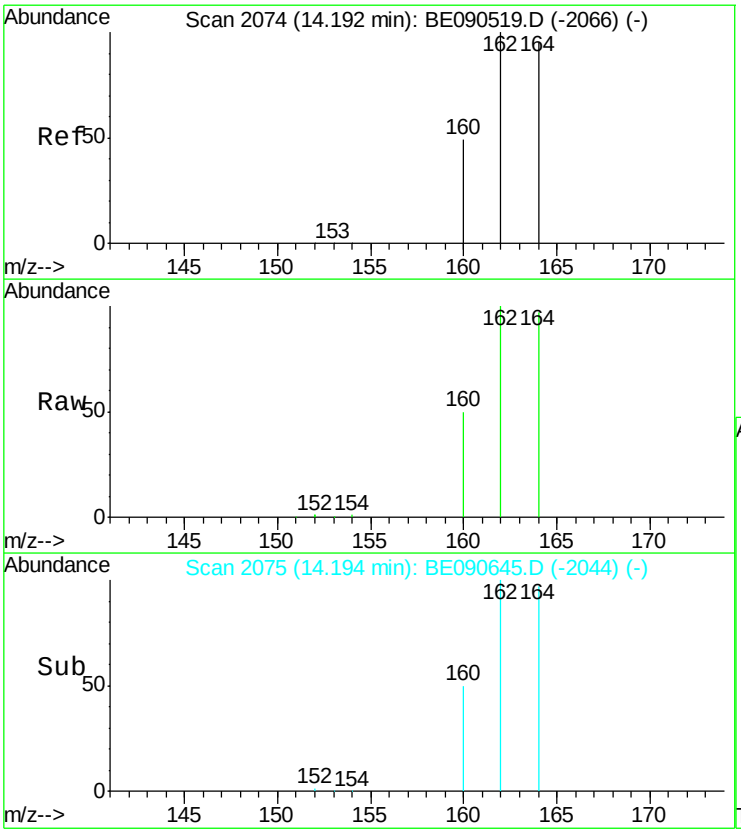
#11
2-Methylnaphthalene
Concen: 0.92 ng
RT: 12.01 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 13476

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	109.0
115	37.0	31.6	47.4

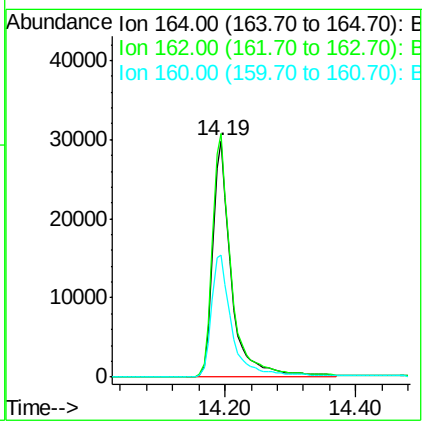


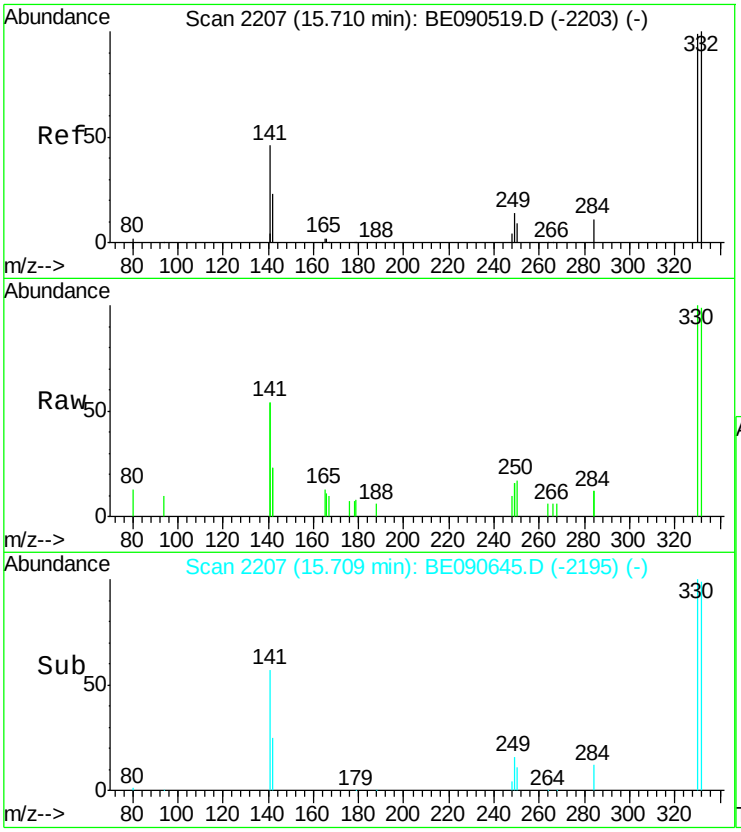


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:164 Resp: 58477

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.8
160	51.5	44.2	66.4



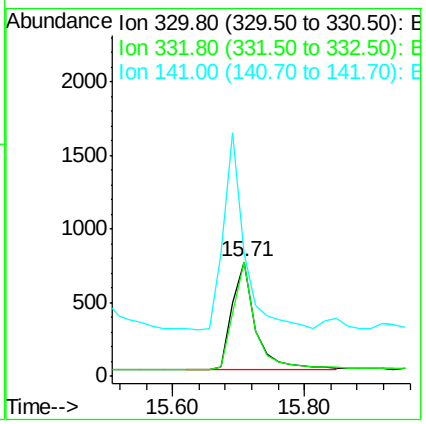


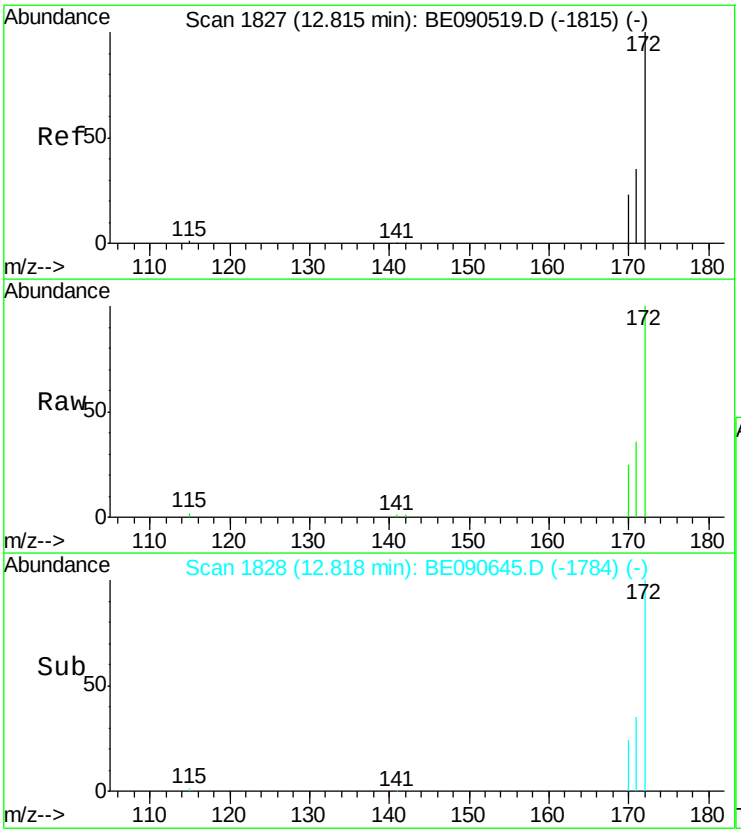
#13
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1824

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.8	113.6
141	163.1	114.4	171.6

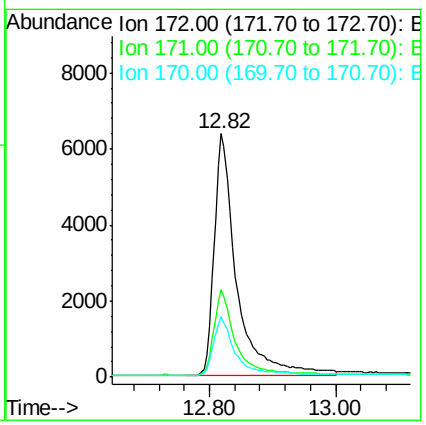


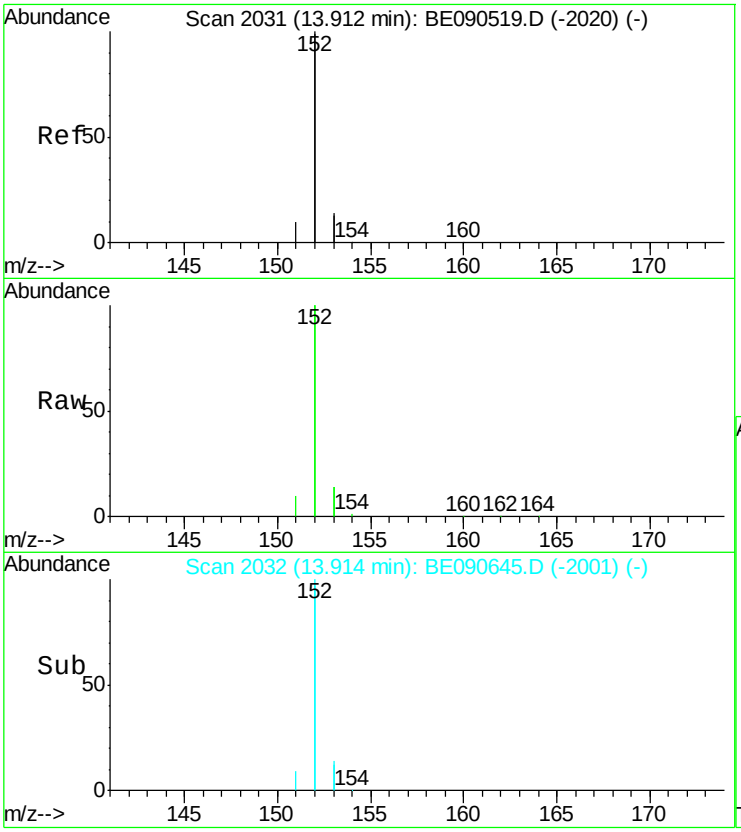


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:172 Resp: 15679

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.8	19.8	29.8



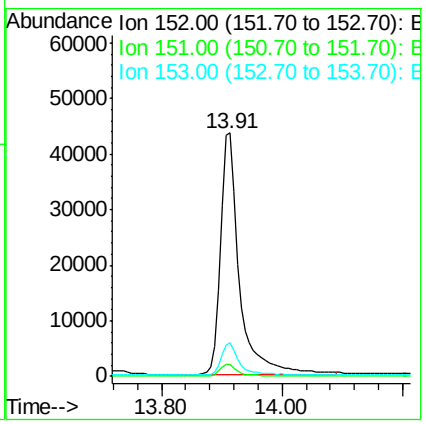


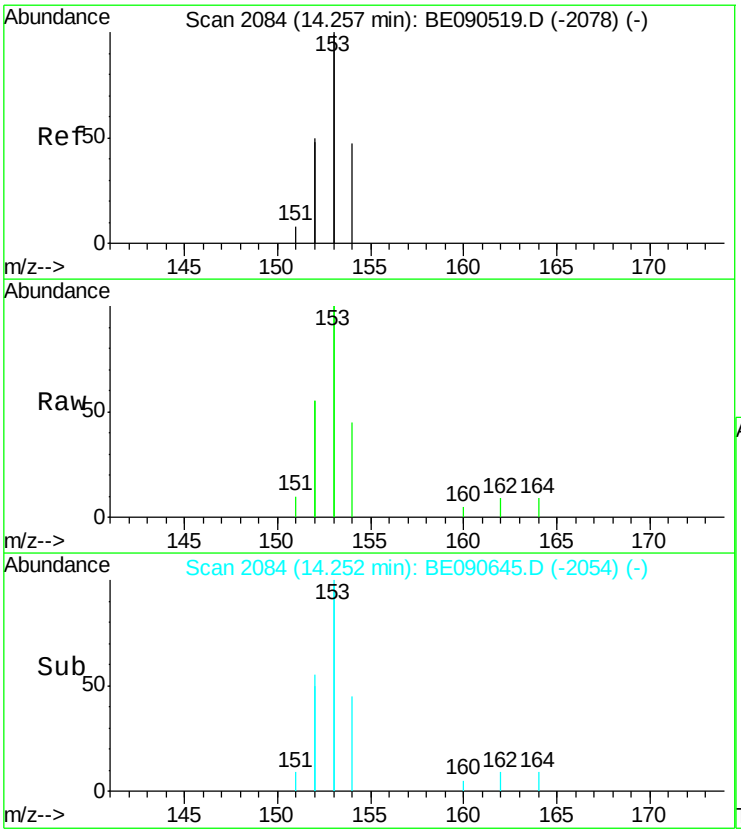
#15
Acenaphthylene
Concen: 0.91 ng
RT: 13.91 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 97297

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	12.8	10.3	15.5

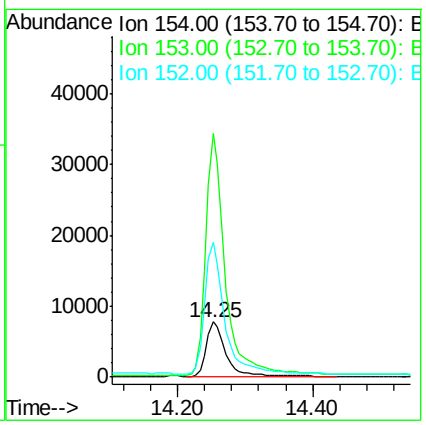


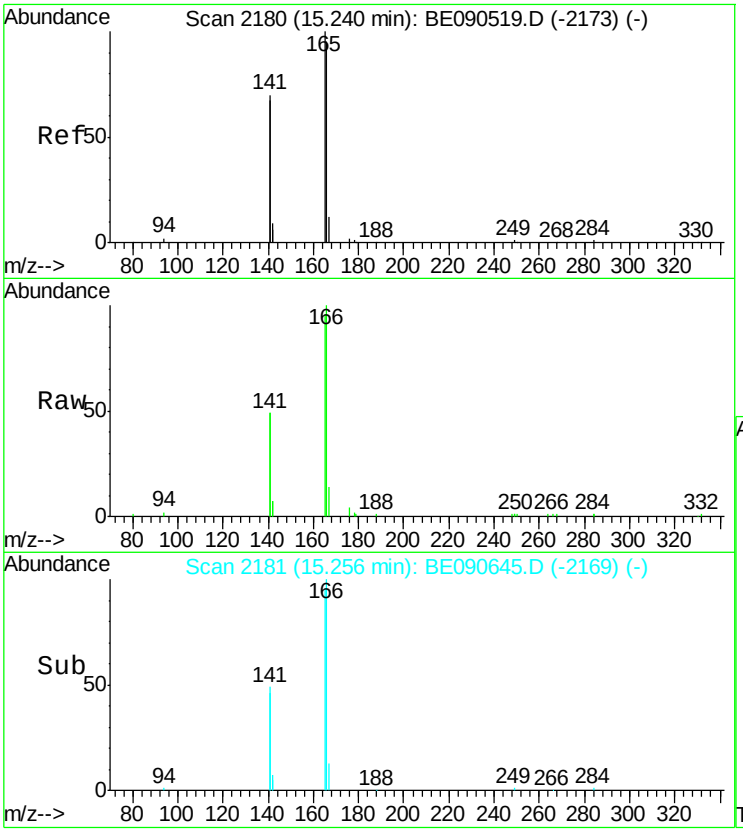


#16
Acenaphthene
Concen: 0.97 ng
RT: 14.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:154 Resp: 15645

Ion	Ratio	Lower	Upper
154	100		
153	436.9	376.2	564.2
152	240.6	235.0	352.4



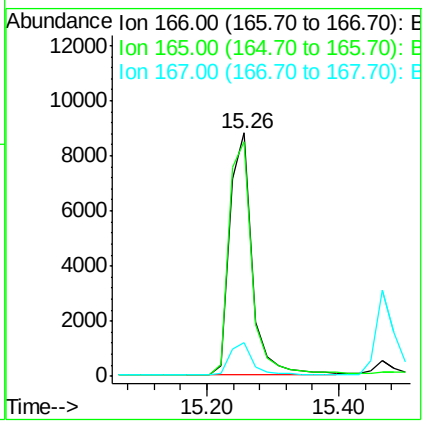


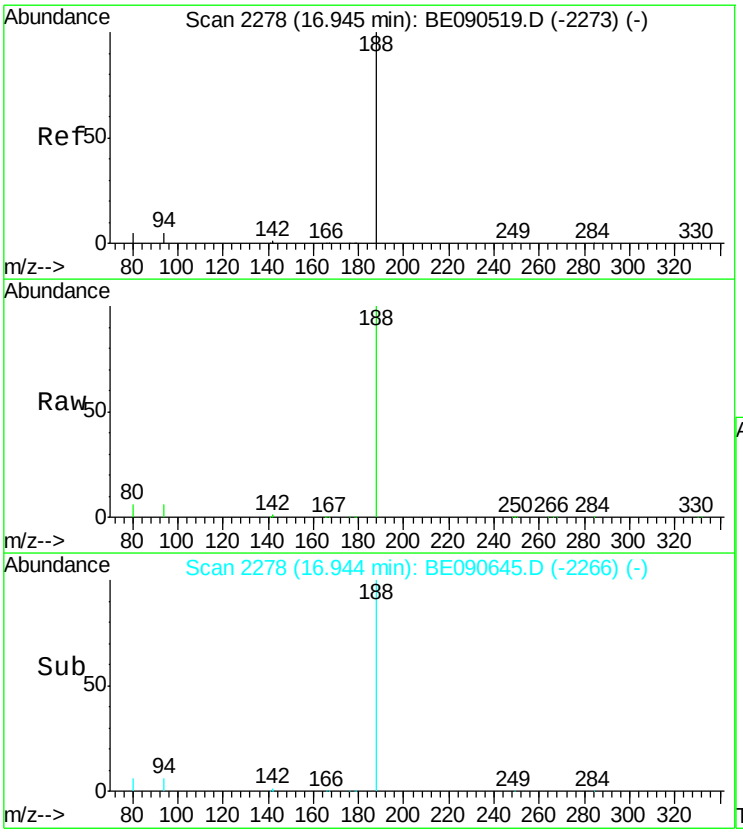
#17
Fluorene
Concen: 1.05 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 20601

Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.5	122.3
167	13.6	11.4	17.0

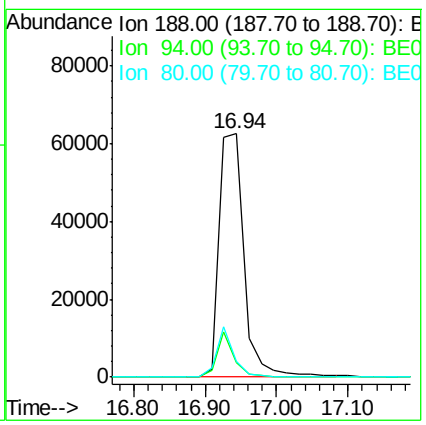


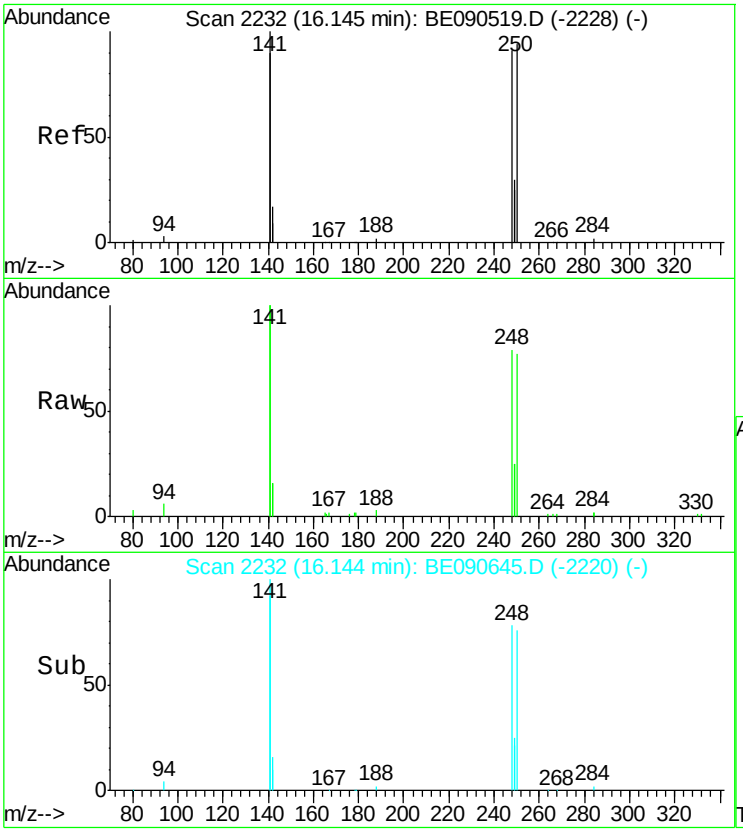


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:188 Resp: 150164

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	6.4	5.8	8.8



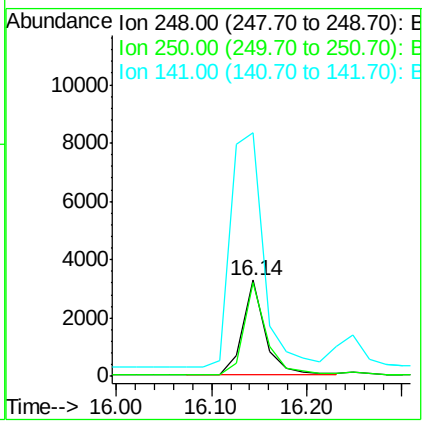


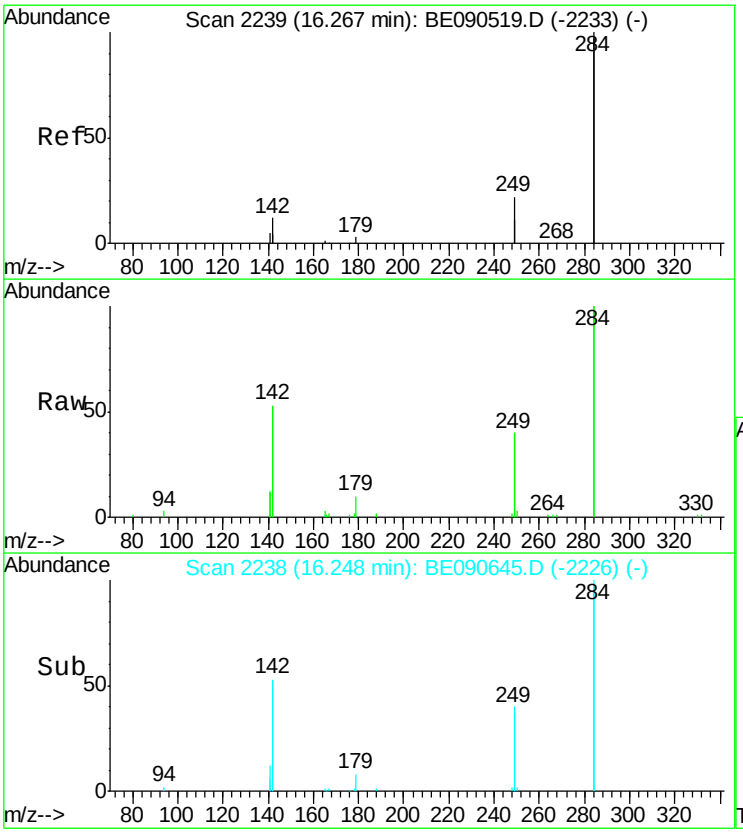
#19
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5404

Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.0	118.6
141	356.9	239.5	359.3

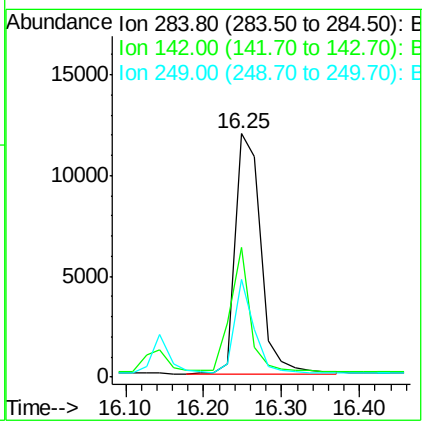


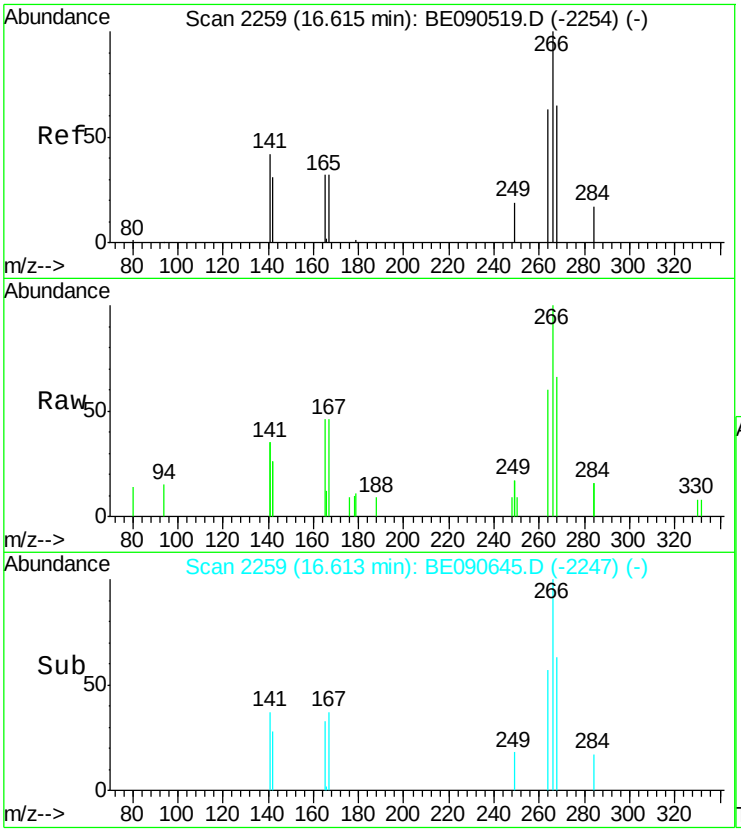


#20
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:284 Resp: 27164

Ion	Ratio	Lower	Upper
284	100		
142	40.1	30.1	45.1
249	30.4	25.7	38.5



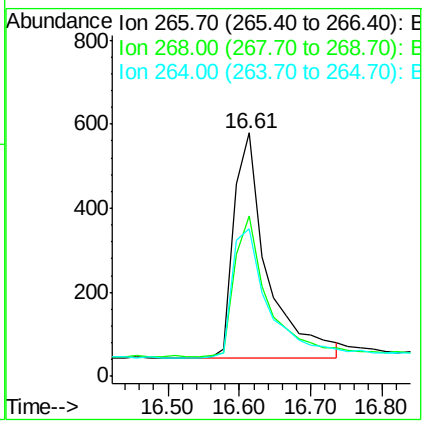


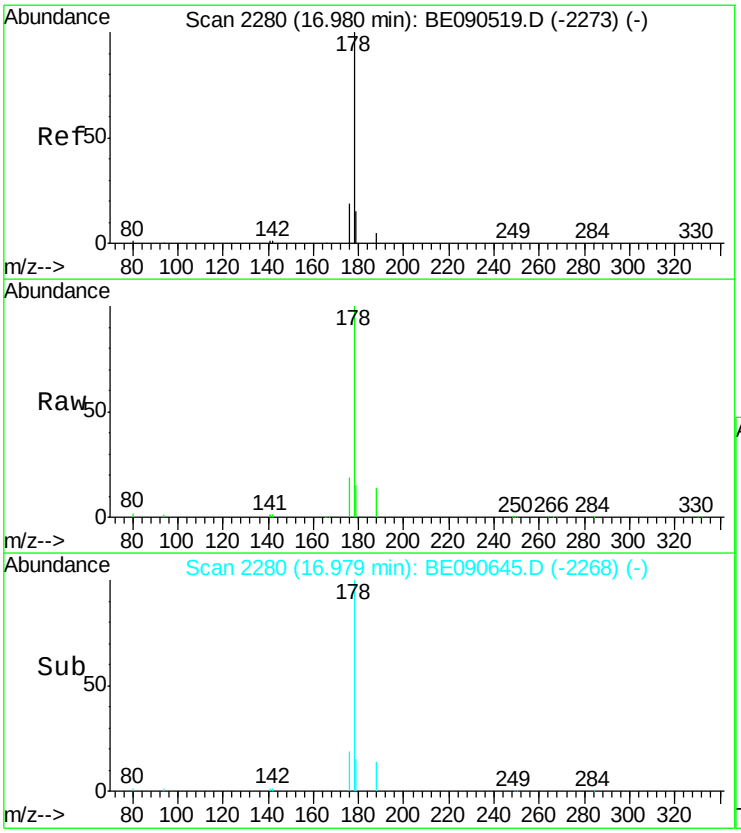
#21
Pentachlorophenol
Concen: 0.80 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1722

Ion	Ratio	Lower	Upper
266	100		
268	65.8	58.5	87.7
264	60.4	56.0	84.0

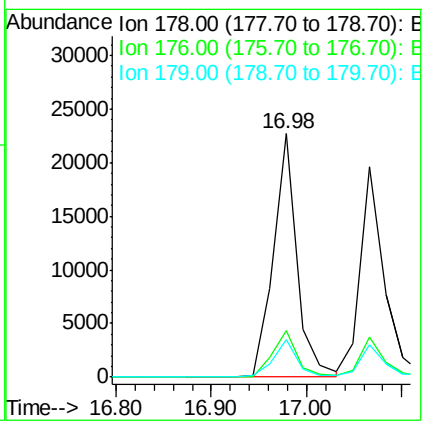


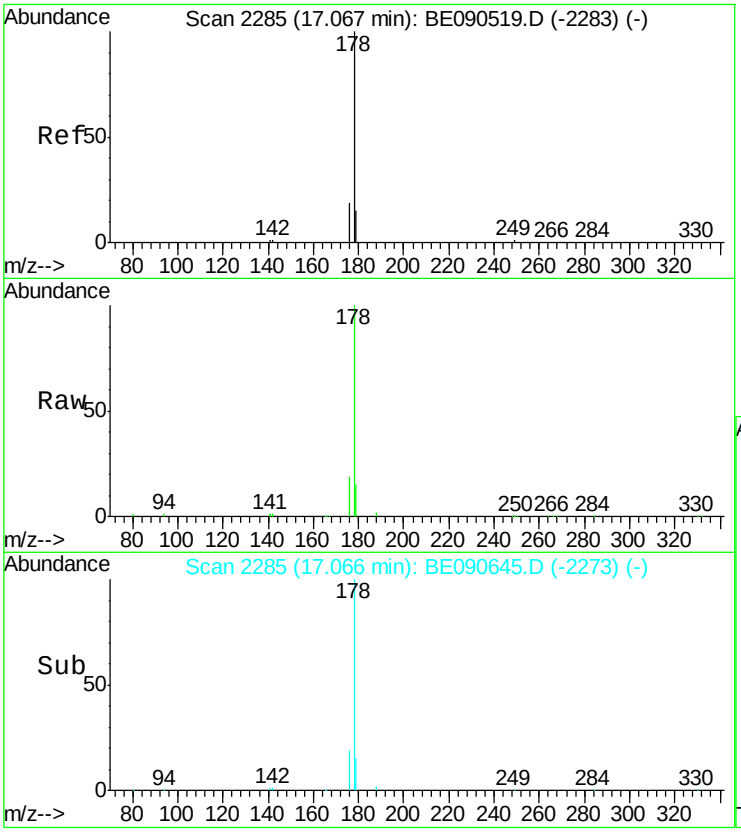


#22
Phenanthrene
Concen: 0.98 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:178 Resp: 38533

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



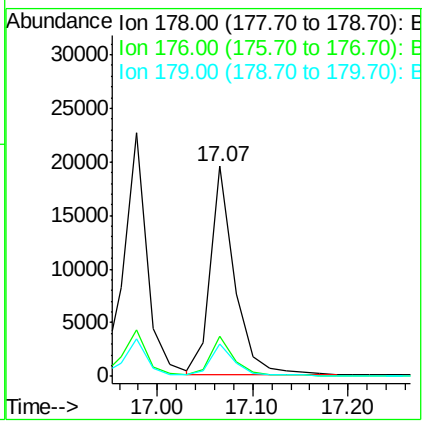


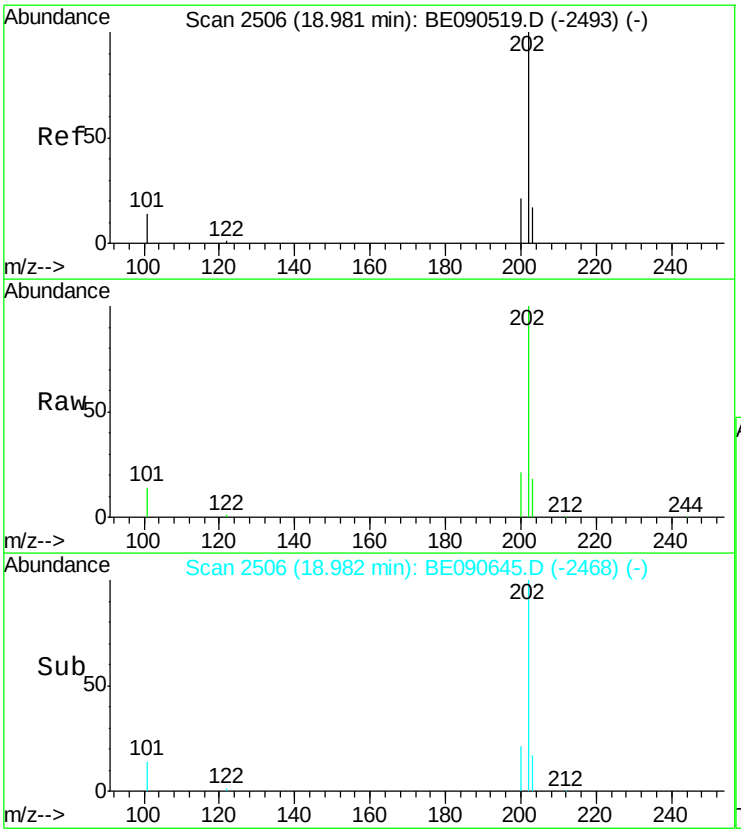
#23
Anthracene
Concen: 0.94 ng
RT: 17.07 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 34137

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

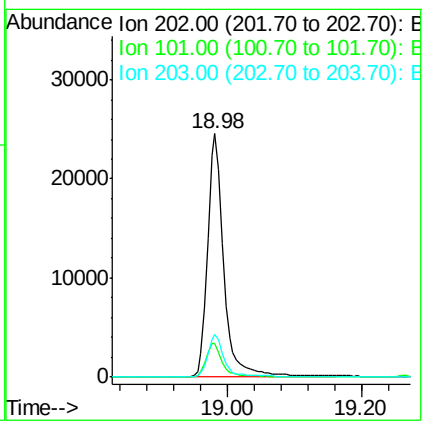


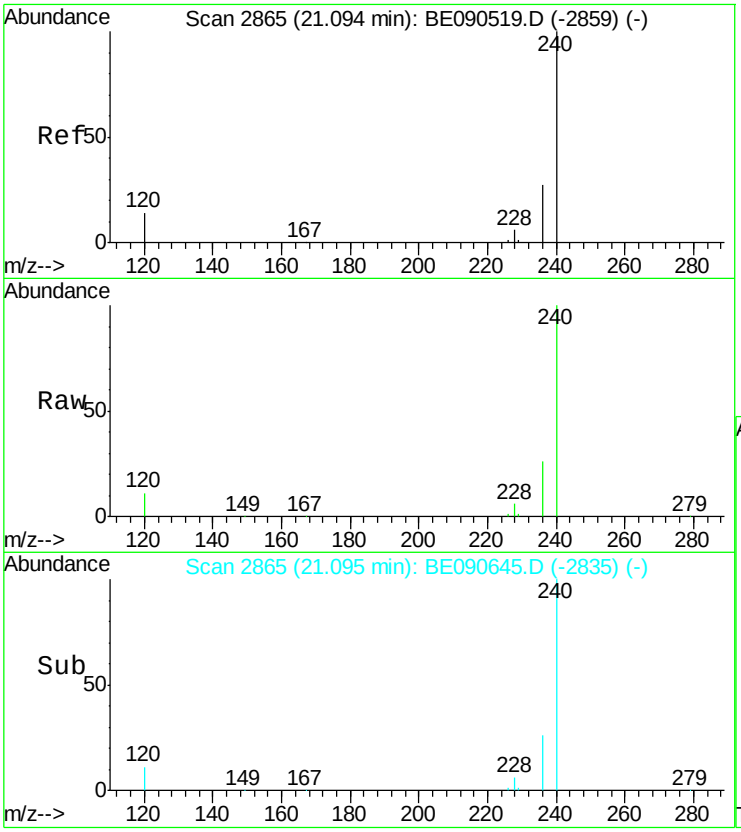


#24
Fluoranthene
Concen: 0.98 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:202 Resp: 41053

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



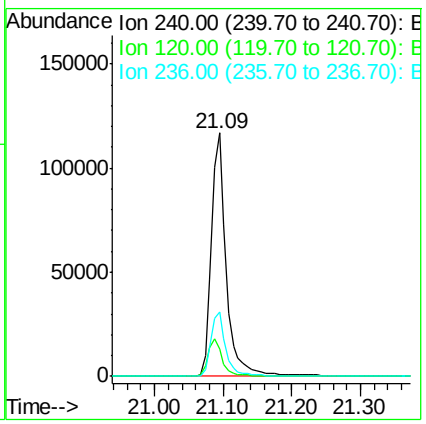


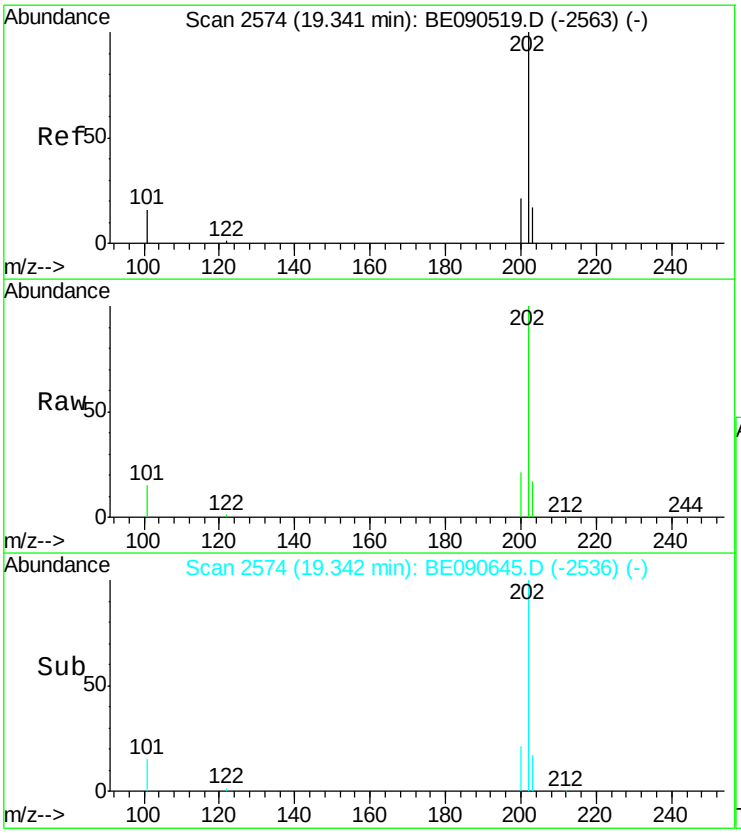
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 175368

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.5	21.0	31.4

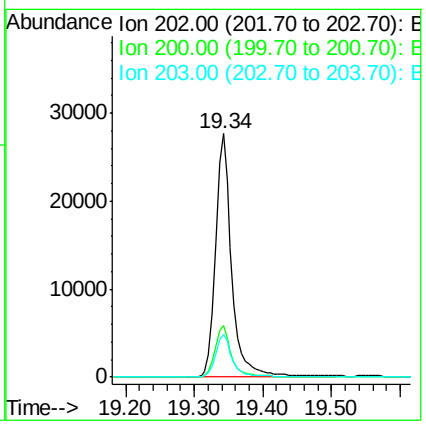


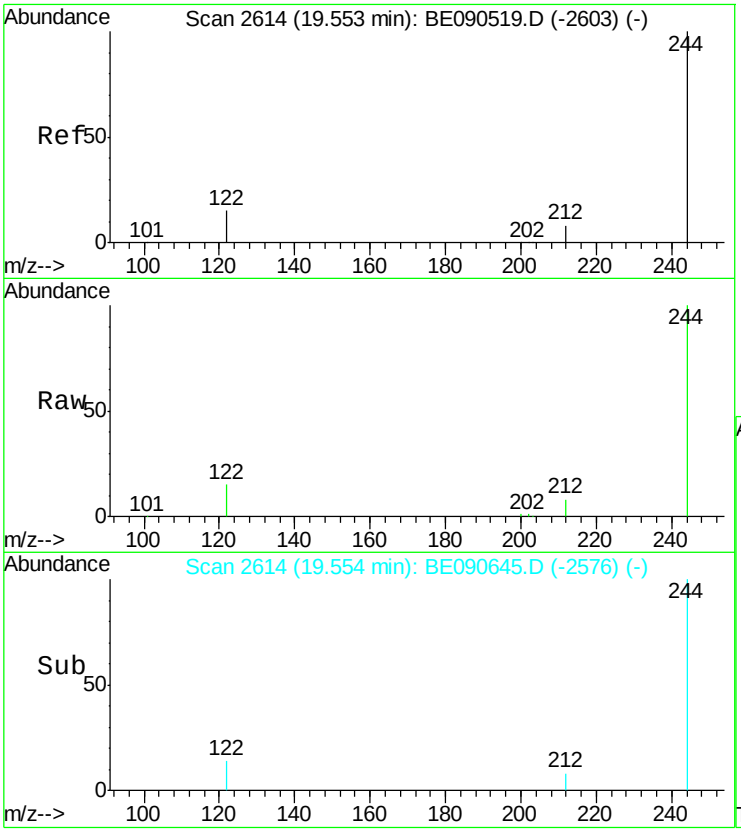


#26
Pyrene
Concen: 0.88 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:202 Resp: 44032

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	13.8	20.8



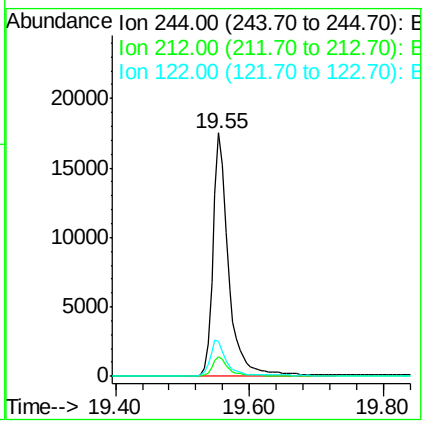


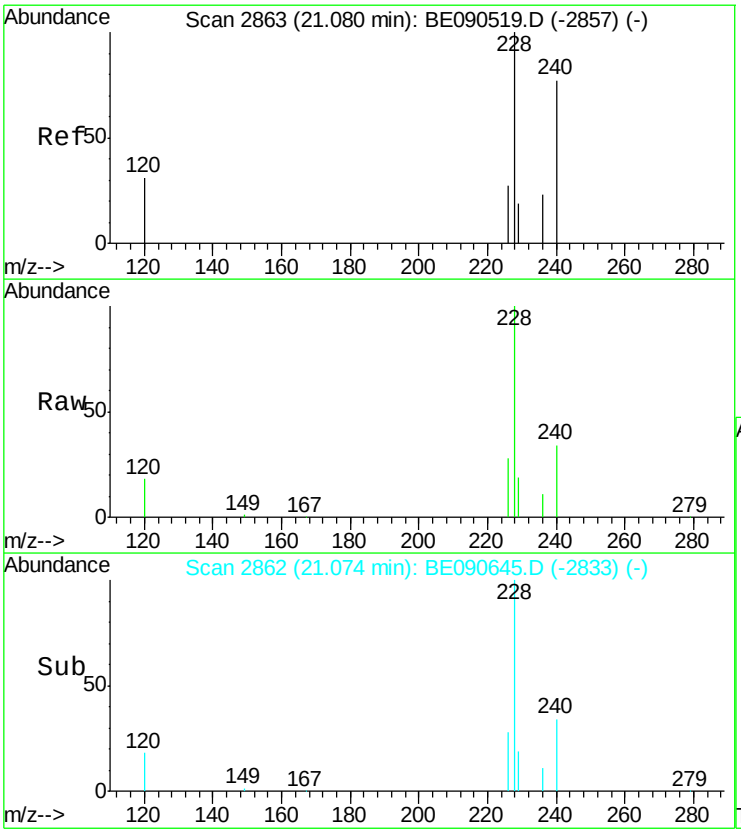
#27
Terphenyl-d14
Concen: 0.87 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 27810

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	14.6	10.2	15.4

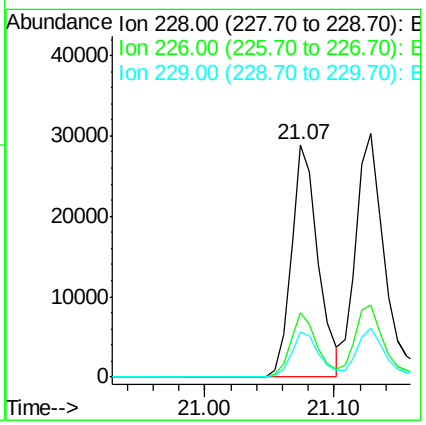


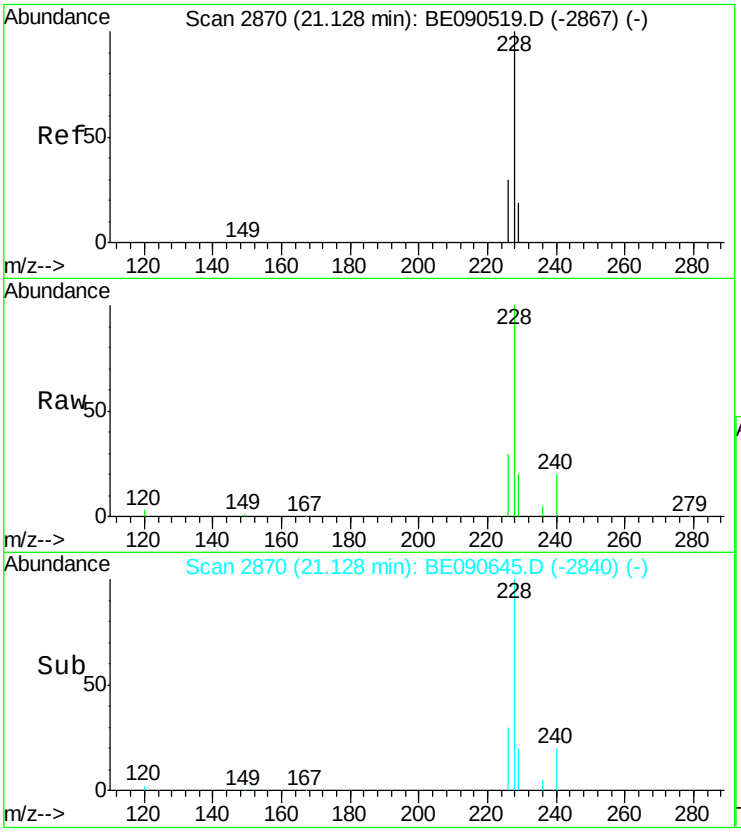


#28
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:228 Resp: 41447

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.4	15.4	23.0



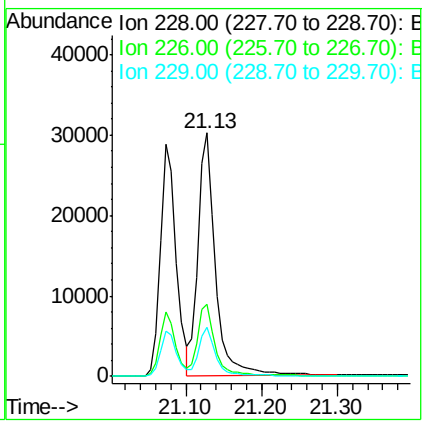


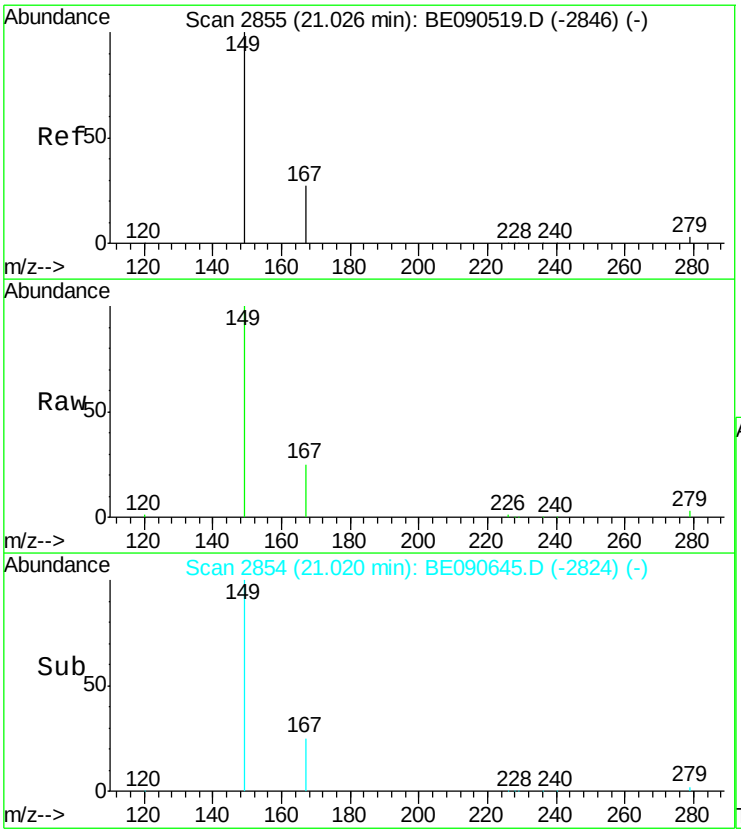
#29
Chrysene
Concen: 1.02 ng
RT: 21.13 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 48072

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	19.9	15.8	23.8

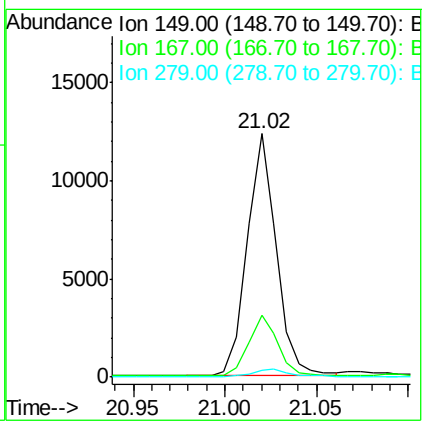


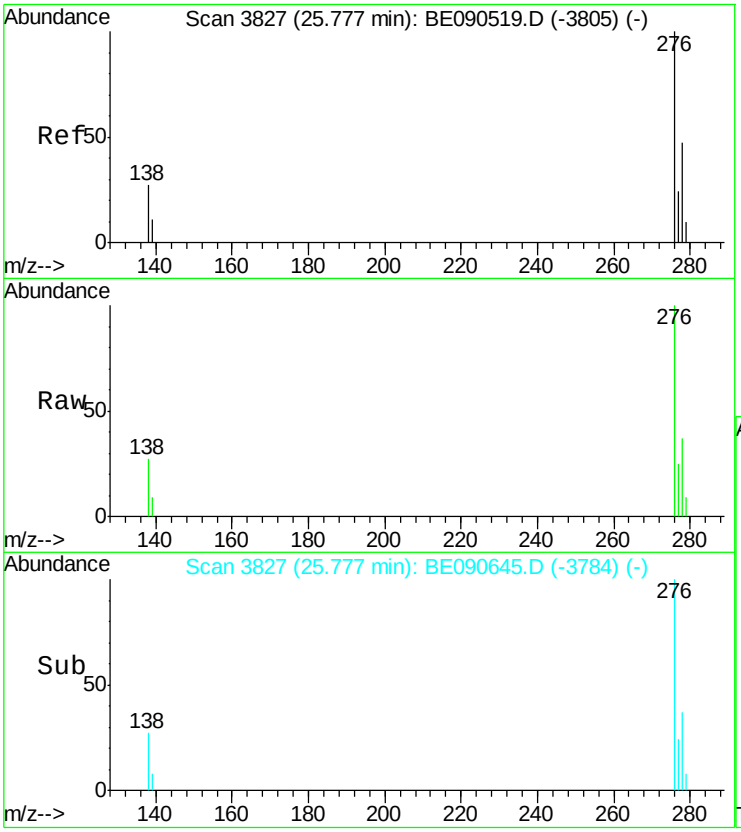


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.62 ng
RT: 21.02 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:149 Resp: 13538

Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.8	29.8
279	2.9	2.4	3.6



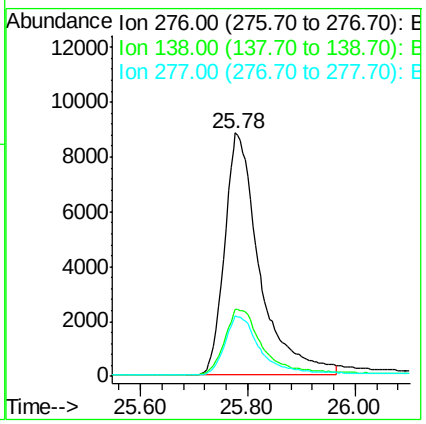


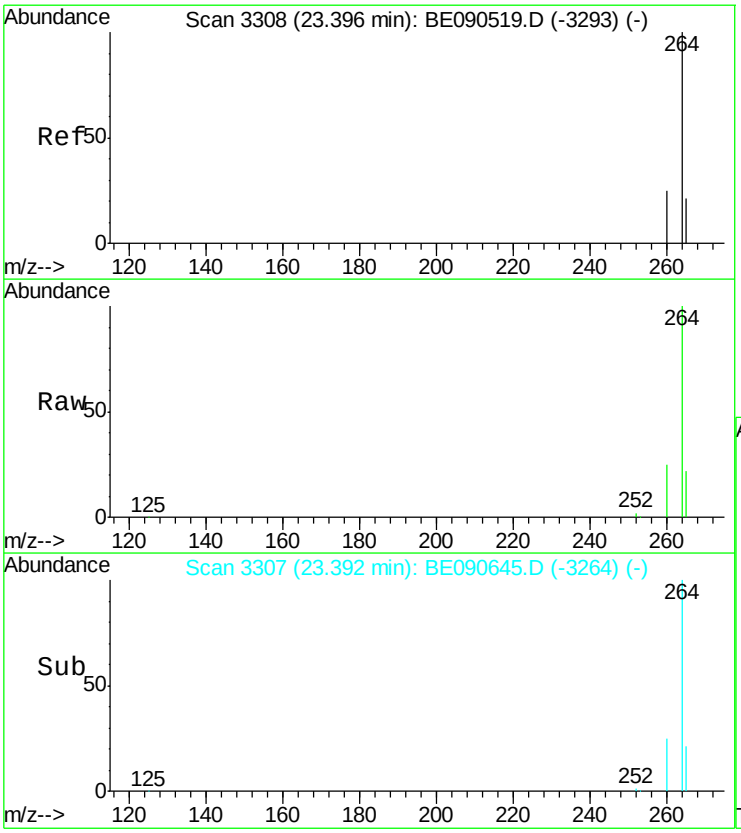
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 40167

Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.8	28.2#
277	25.0	18.2	27.4

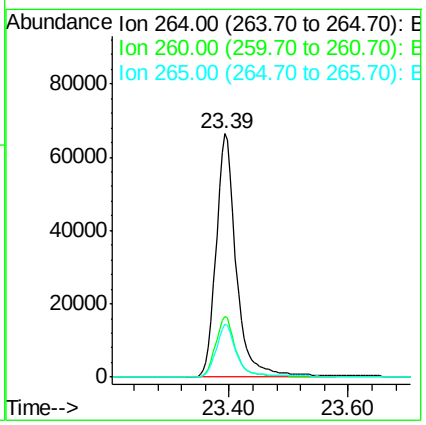


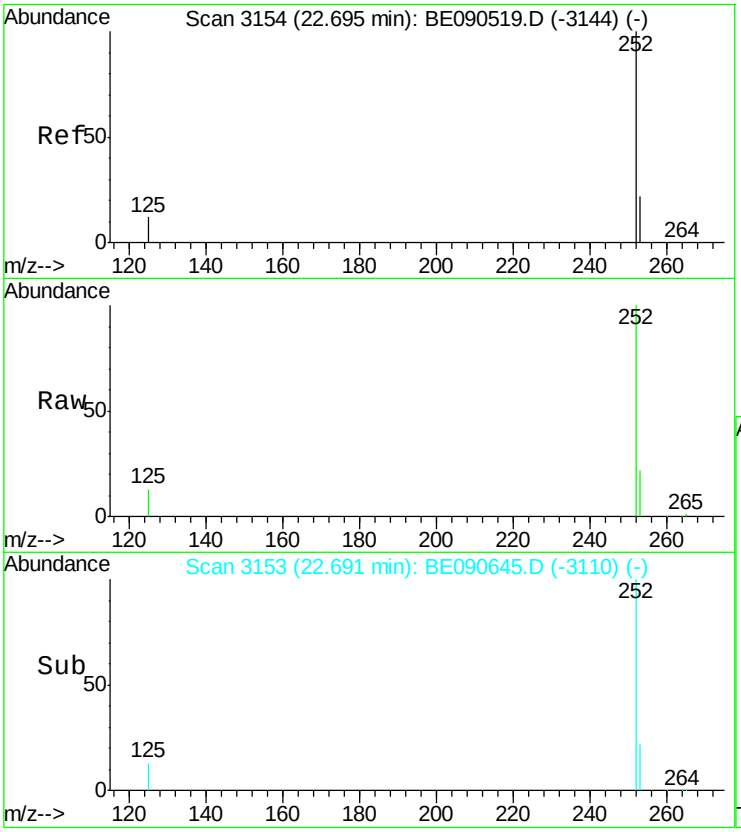


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:264 Resp: 156952

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.6	17.2	25.8



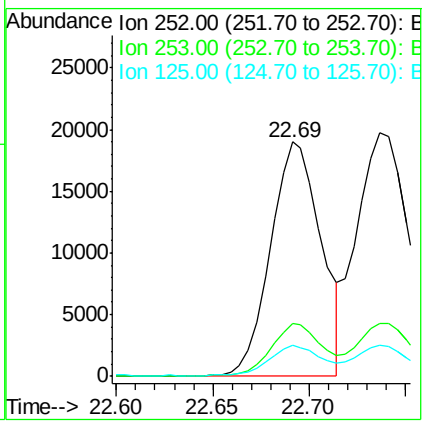


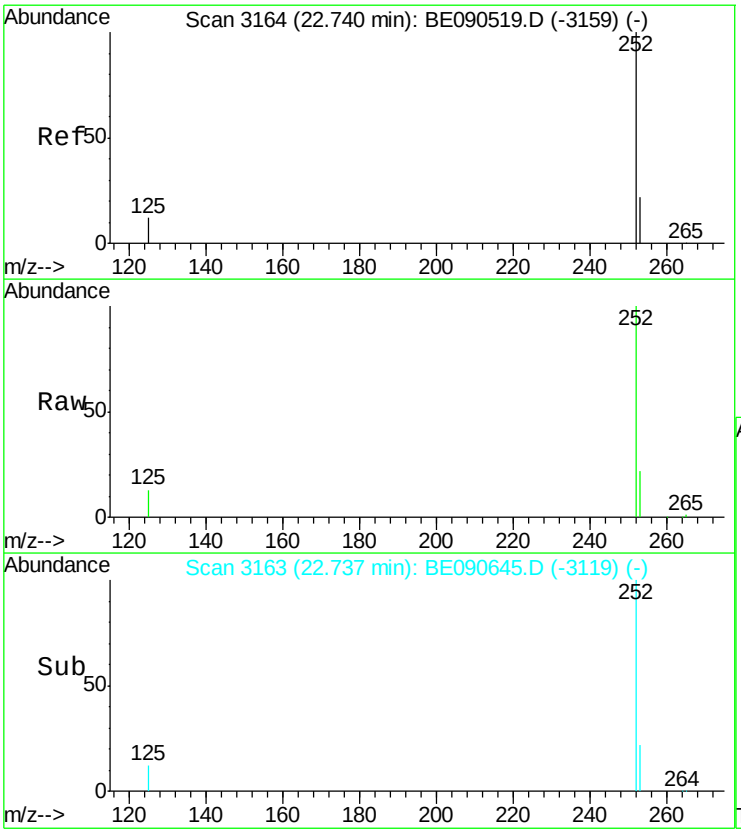
#33
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.69 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 34388

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.2	9.4	14.2

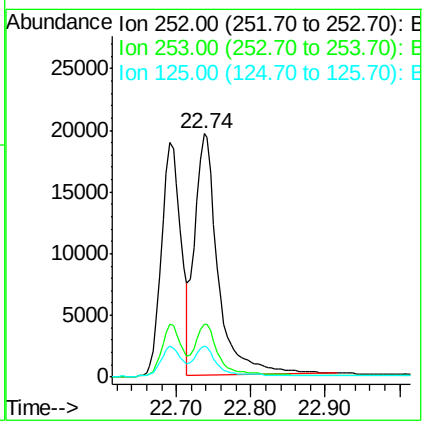


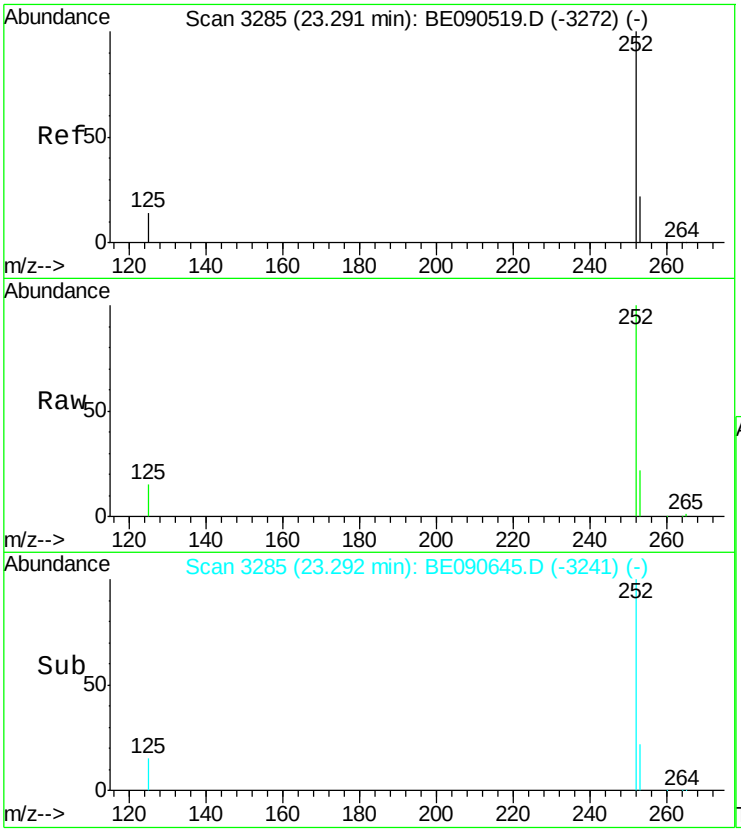


#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:252 Resp: 42988

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.7	9.1	13.7



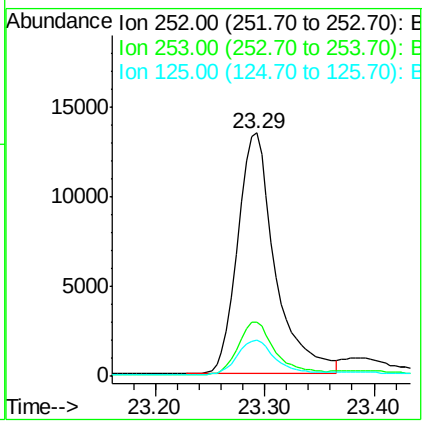


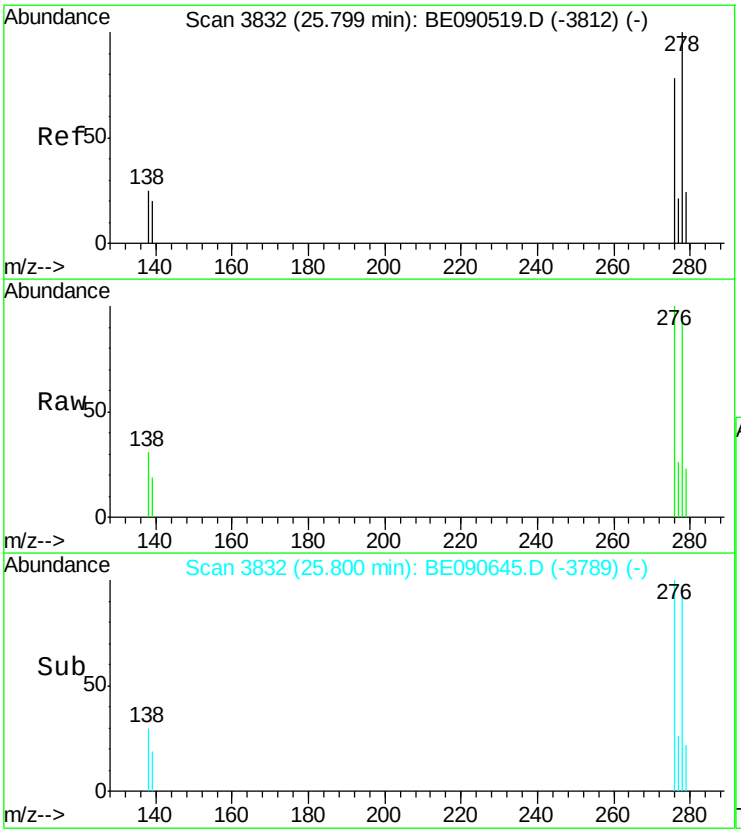
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 32140

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	15.0	9.8	14.6#

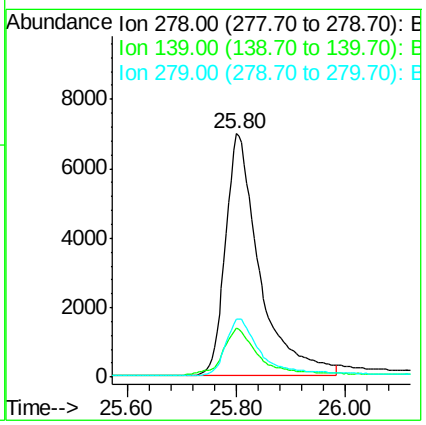


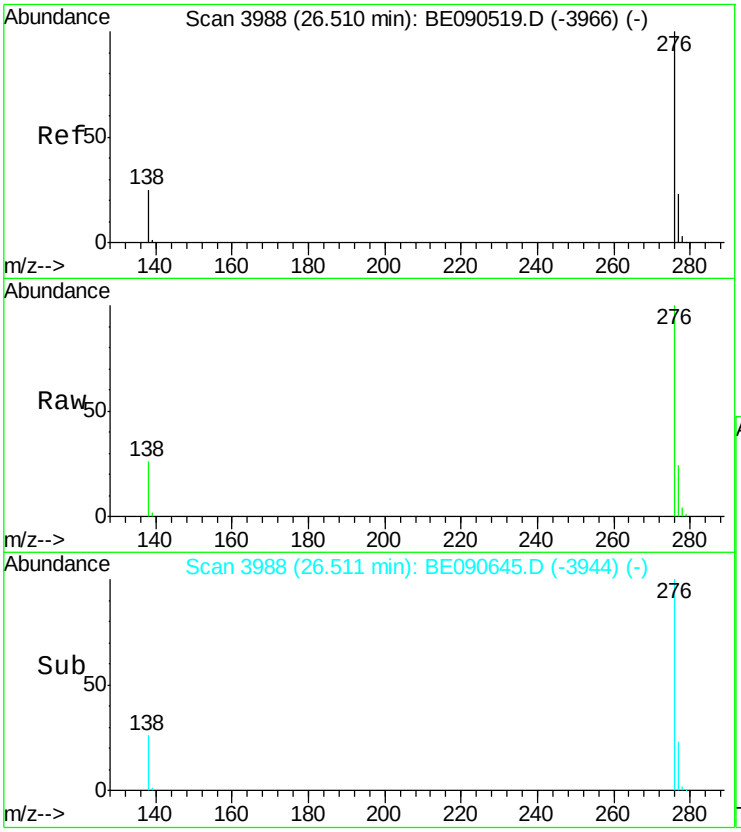


#36
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Tgt Ion:278 Resp: 30075

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.2	21.4
279	23.6	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.91 ng
RT: 26.51 min Scan# 3988
Delta R.T. 0.00 min
Lab File: BE090645.D
Acq: 26 Aug 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 33228

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.1	30.1
138	26.2	18.1	27.1