Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
Data File : BE090546.D
Acq On : 17 Aug 2015 23:09
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 18 04:36:55 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 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24659	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	125852	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	69684	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	151607	5.00	ng		0.00
25) Chrysene-d12	21.09	240	147537	5.00	ng		0.00
32) Perylene-d12	23.40	264	138228	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	7580	1.06	ng		0.00
5) Phenol-d6	6.78	99	10815	1.03	ng		0.00
7) Nitrobenzene-d5	8.72	82	9965	0.99	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2830	1.06	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	20988	1.01	ng		0.00
27) Terphenyl-d14	19.55	244	27856	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	3189	1.08	ng		94
3) n-Nitrosodimethylamine	3.49	42	4020	0.94	ng	#	63
8) Nitrobenzene	8.77	77	10290	0.99	ng		95
9) Naphthalene	10.39	128	28077	0.98	ng		98
10) Hexachlorobutadiene	10.68	225	4117	0.98	ng		100
11) 2-Methylnaphthalene	12.01	142	18921	1.02	ng		98
15) Acenaphthylene	13.91	152	128229	1.01	ng		100
16) Acenaphthene	14.26	154	19049	0.99	ng	#	77
17) Fluorene	15.26	166	23269	0.99	ng		99
19) 4-Bromophenyl-phenylether	16.14	248	6315	1.02	ng		79
20) Hexachlorobenzene	16.27	284	27488	1.00	ng		96
21) Pentachlorophenol	16.61	266	2284	0.95	ng		93
22) Phenanthrene	16.98	178	38455	0.97	ng		100
23) Anthracene	17.07	178	36415	0.99	ng		100
24) Fluoranthene	18.98	202	41319	0.98	ng		98
26) Pyrene	19.34	202	42663	1.01	ng		99
28) Benzo(a)anthracene	21.08	228	38066	0.98	ng		98
29) Chrysene	21.13	228	39604	1.00	ng		96
30) Bis(2-ethylhexyl)phthalate	21.03	149	24216	1.16	ng		97
31) Indeno(1,2,3-cd)pyrene	25.78	276	37731	1.01	ng	#	92
33) Benzo(b)fluoranthene	22.70	252	33168	1.01	ng		99
34) Benzo(k)fluoranthene	22.74	252	37769	1.02	ng		98
35) Benzo(a)pyrene	23.29	252	31081	1.01	ng		97
36) Dibenzo(a,h)anthracene	25.80	278	29674	1.00	ng		96
37) Benzo(g,h,i)perylene	26.52	276	33059	1.02	ng		95

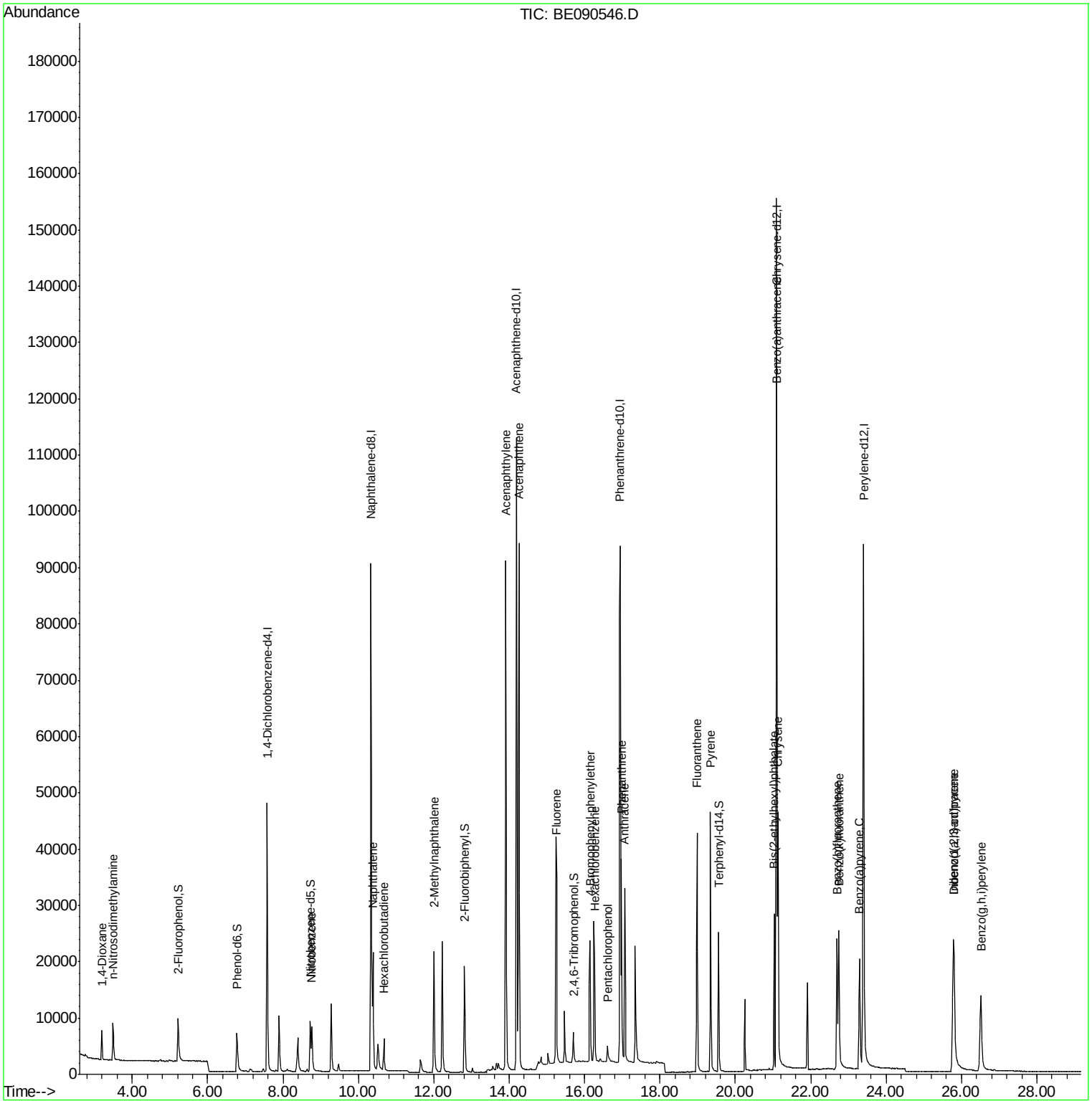
(#) = qualifier out of range (m) = manual integration (+) = signals summed

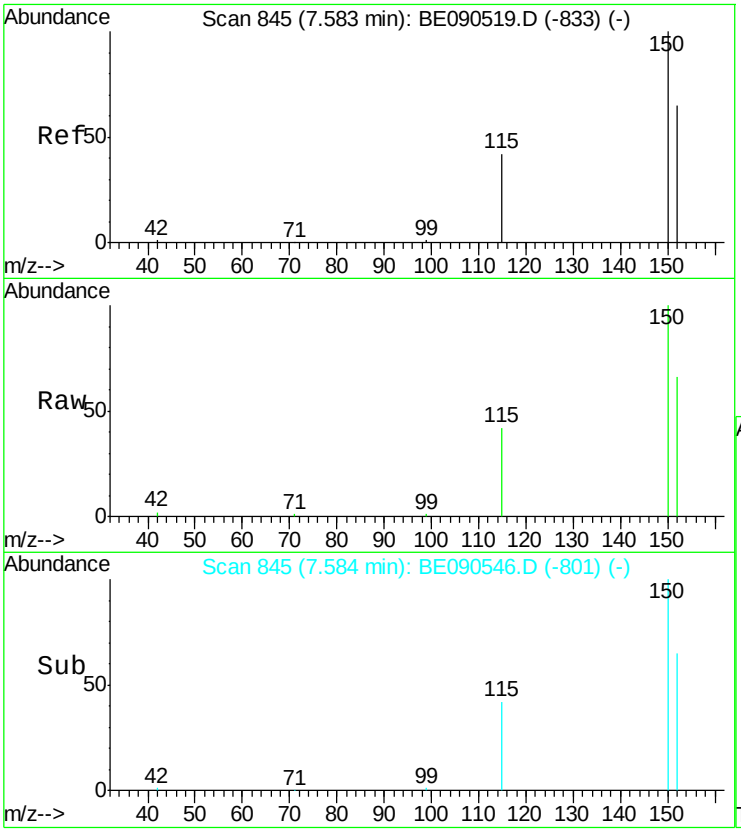
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
Data File : BE090546.D
Acq On : 17 Aug 2015 23:09
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 18 04:36:55 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 16:52:42 2015
Response via : Initial Calibration



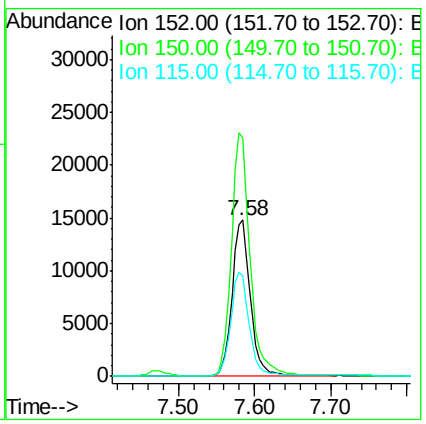


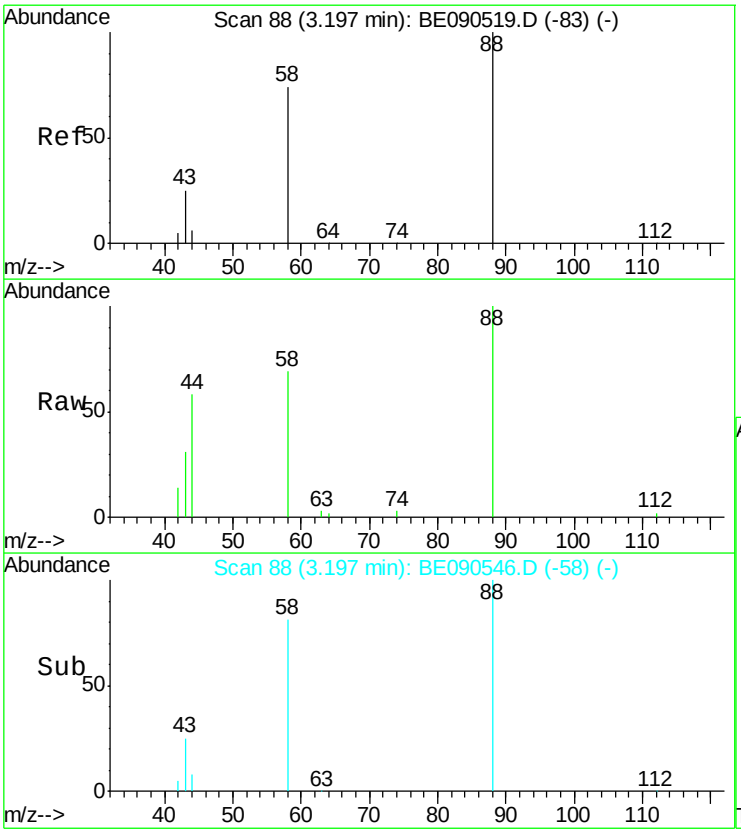
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 24659

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.4
115	63.9	48.9	73.3

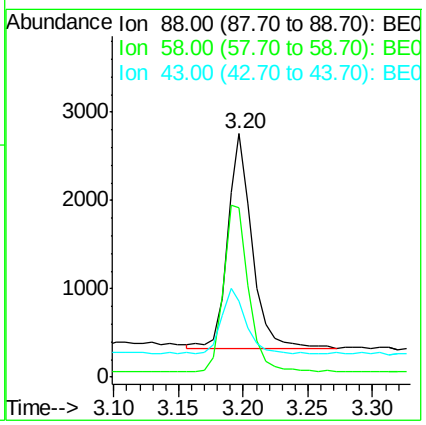


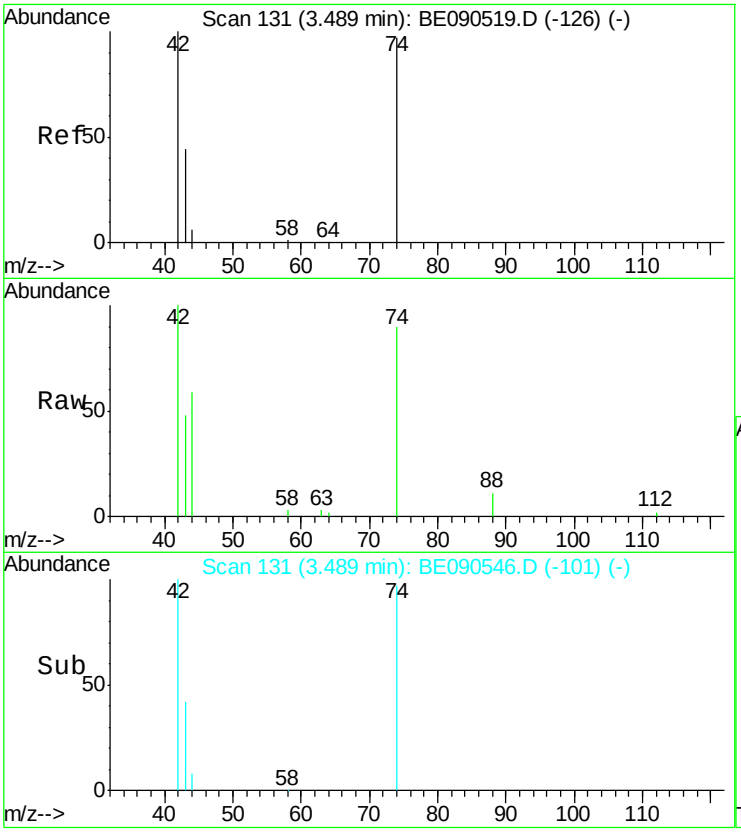


#2
1,4-Dioxane
Concen: 1.08 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion: 88 Resp: 3189

Ion	Ratio	Lower	Upper
88	100		
58	82.1	70.0	105.0
43	31.7	28.4	42.6



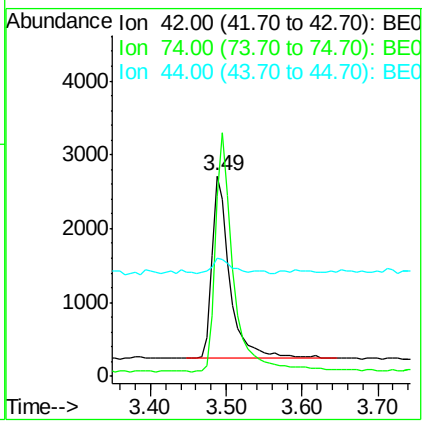


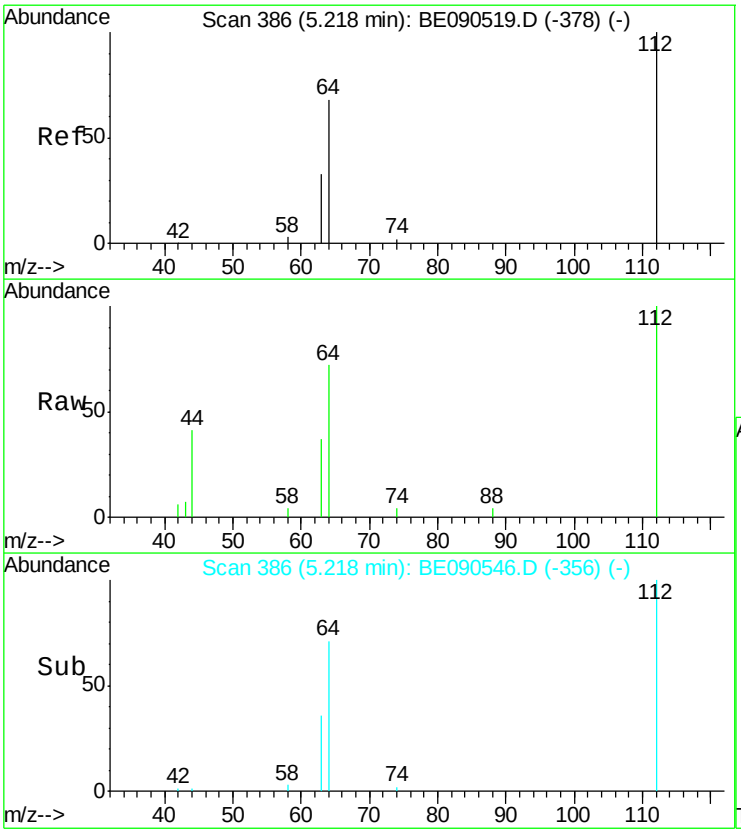
#3
n-Nitrosodimethylamine
Concen: 0.94 ng
RT: 3.49 min Scan# 131
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 4020

Ion	Ratio	Lower	Upper
42	100		
74	133.1	75.2	112.8#
44	8.1	8.7	13.1#

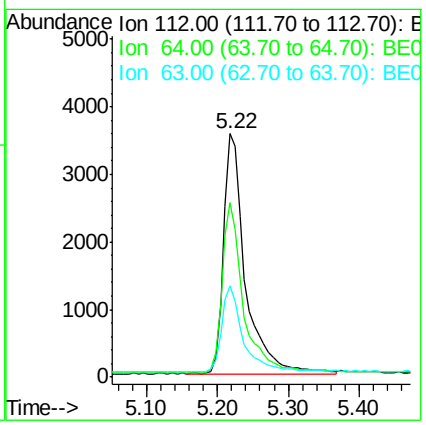


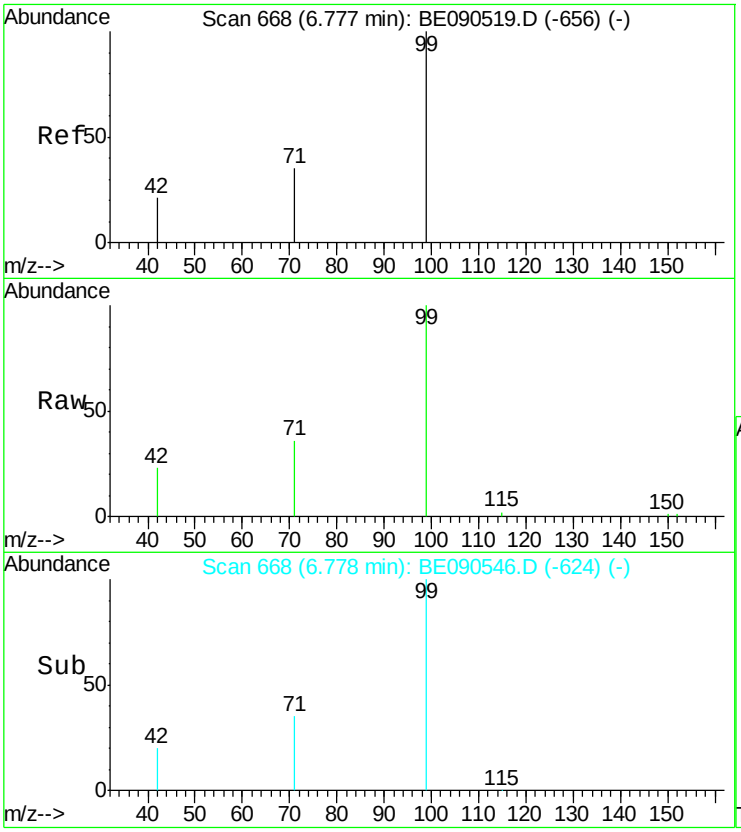


#4
2-Fluorophenol
Concen: 1.06 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:112 Resp: 7580

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	34.6	19.5	29.3#



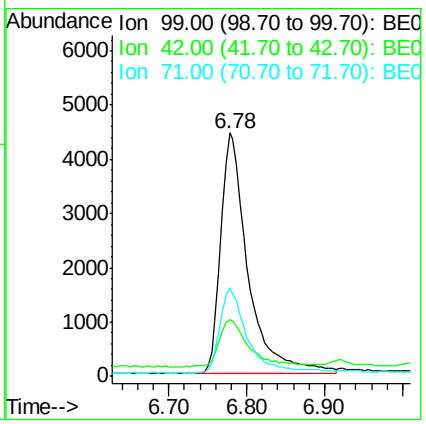


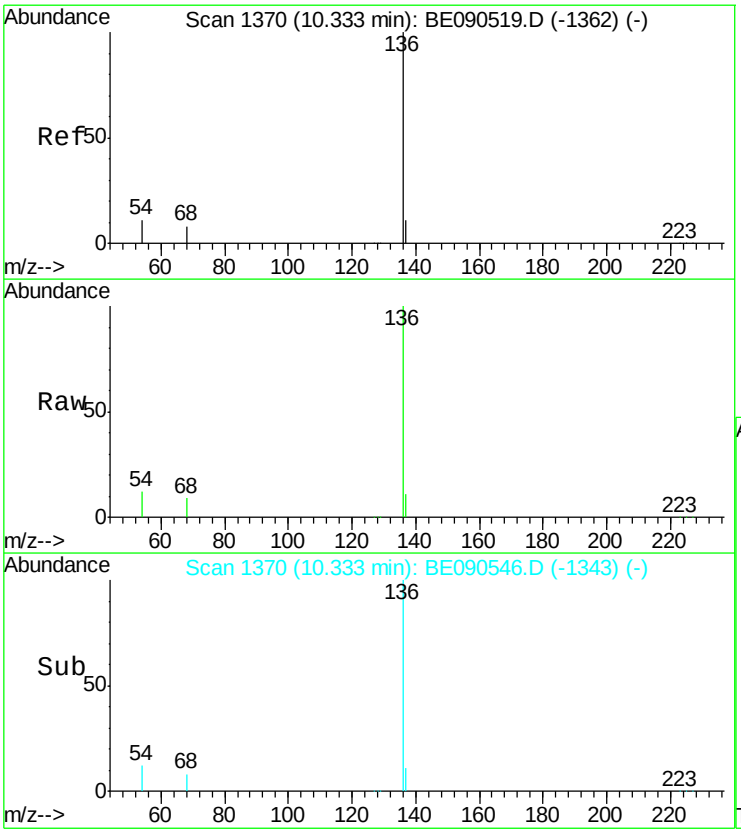
#5
Phenol-d6
Concen: 1.03 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 10815

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	35.5	27.4	41.0

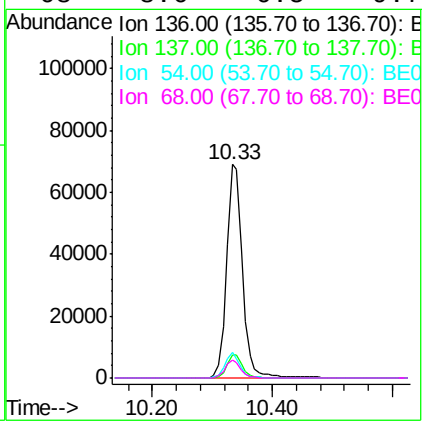


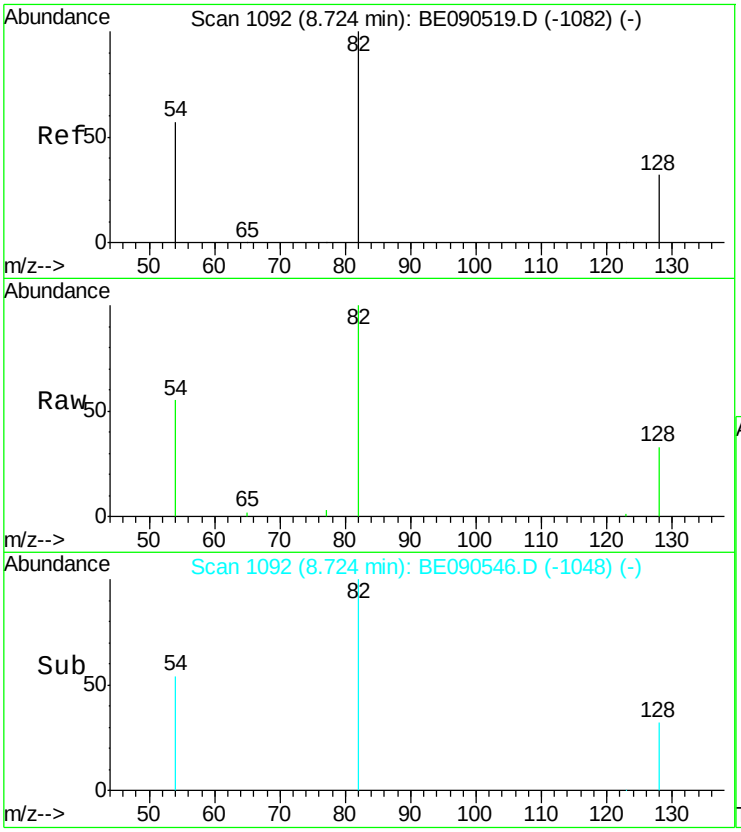


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:136 Resp: 125852

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.8	9.4	14.0
68	8.6	6.5	9.7



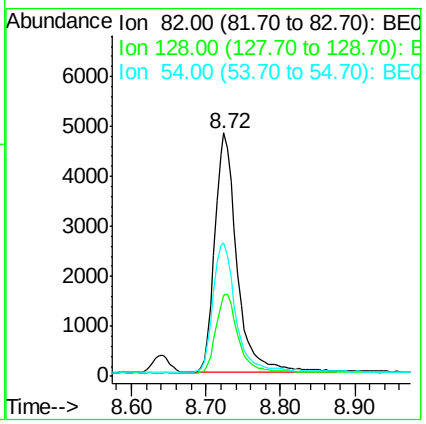


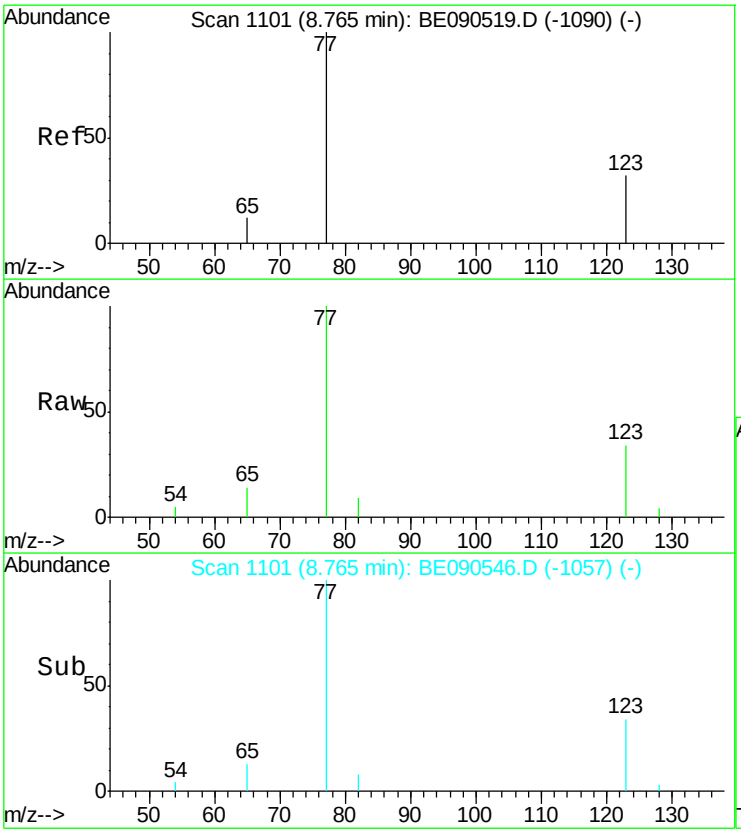
#7
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 9965

Ion	Ratio	Lower	Upper
82	100		
128	33.2	25.0	37.6
54	54.8	48.8	73.2

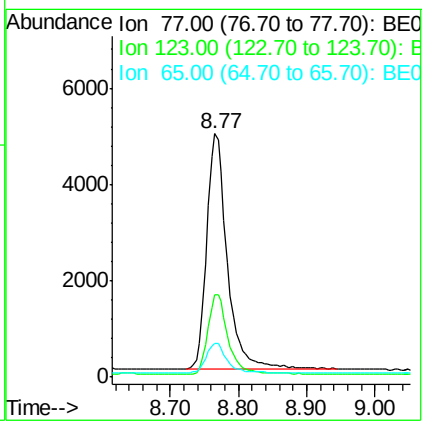


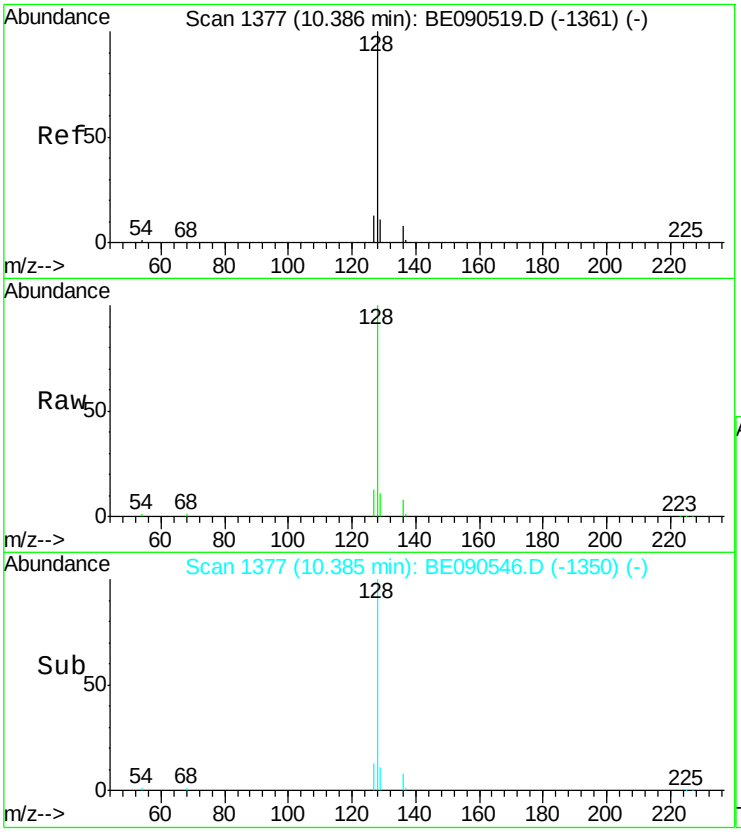


#8
Nitrobenzene
Concen: 0.99 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion: 77 Resp: 10290

Ion	Ratio	Lower	Upper
77	100		
123	34.4	25.1	37.7
65	12.5	9.3	13.9



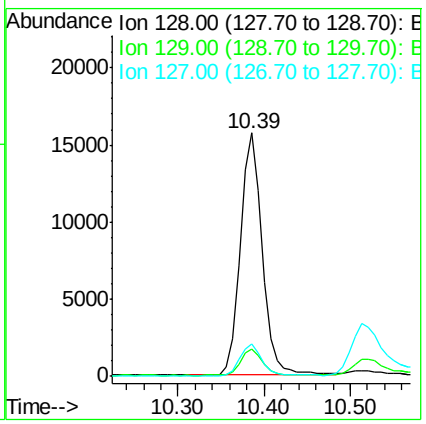


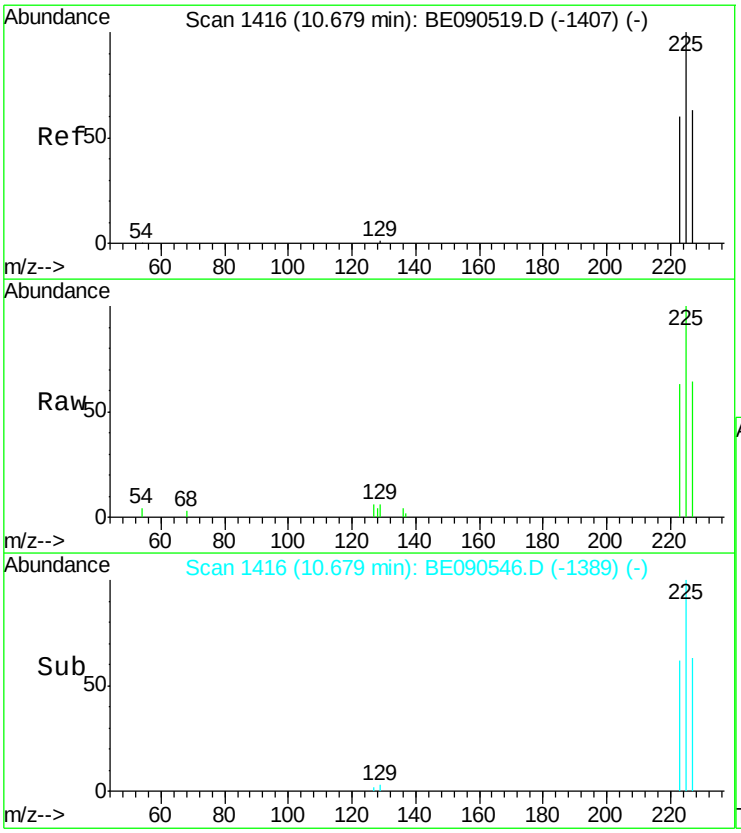
#9
Naphthalene
Concen: 0.98 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 28077

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.1	10.6	16.0

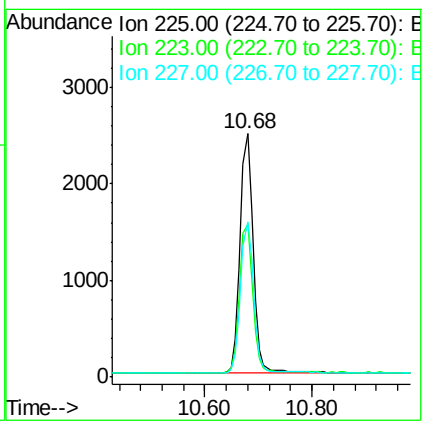


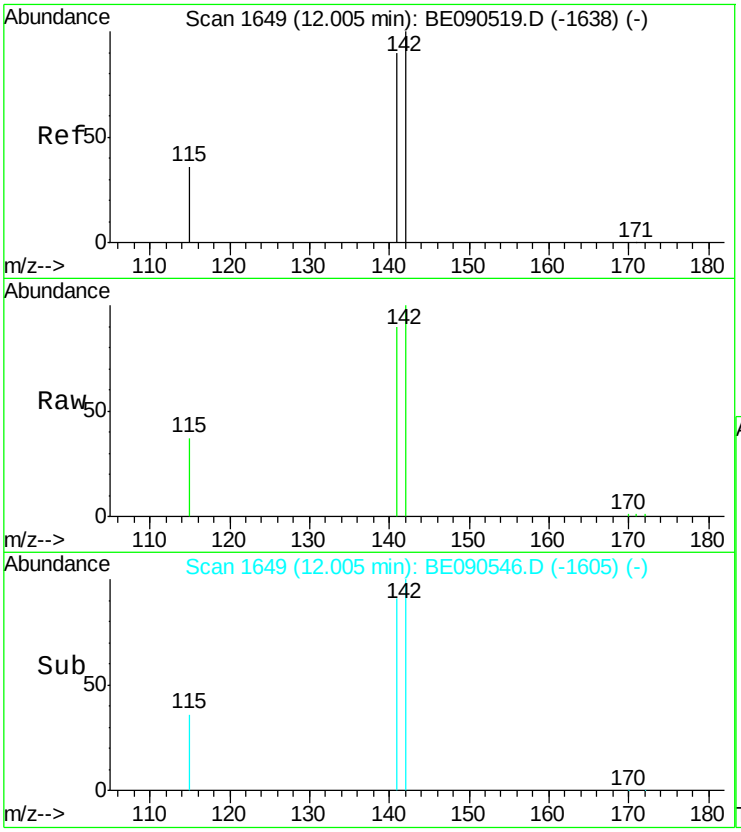


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:225 Resp: 4117

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	63.4	50.7	76.1



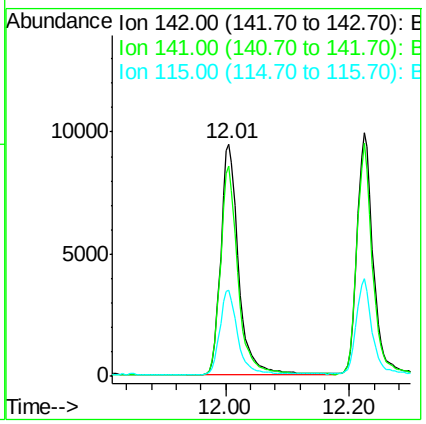


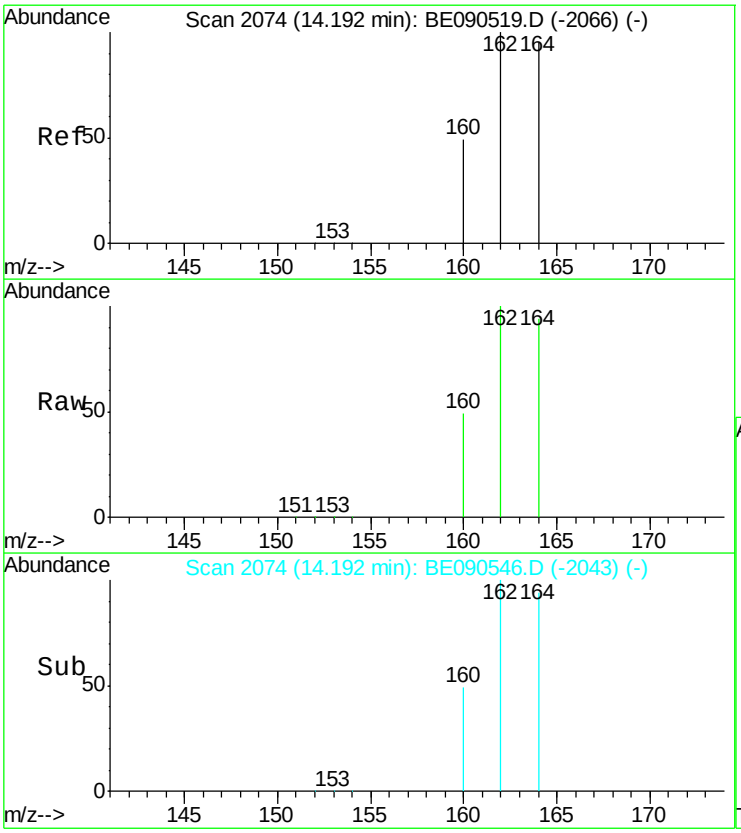
#11
2-Methylnaphthalene
Concen: 1.02 ng
RT: 12.01 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 18921

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	109.0
115	36.9	31.6	47.4

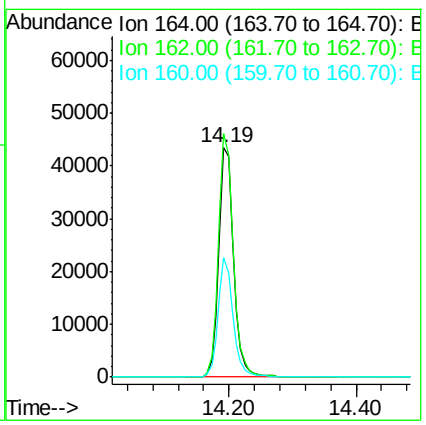


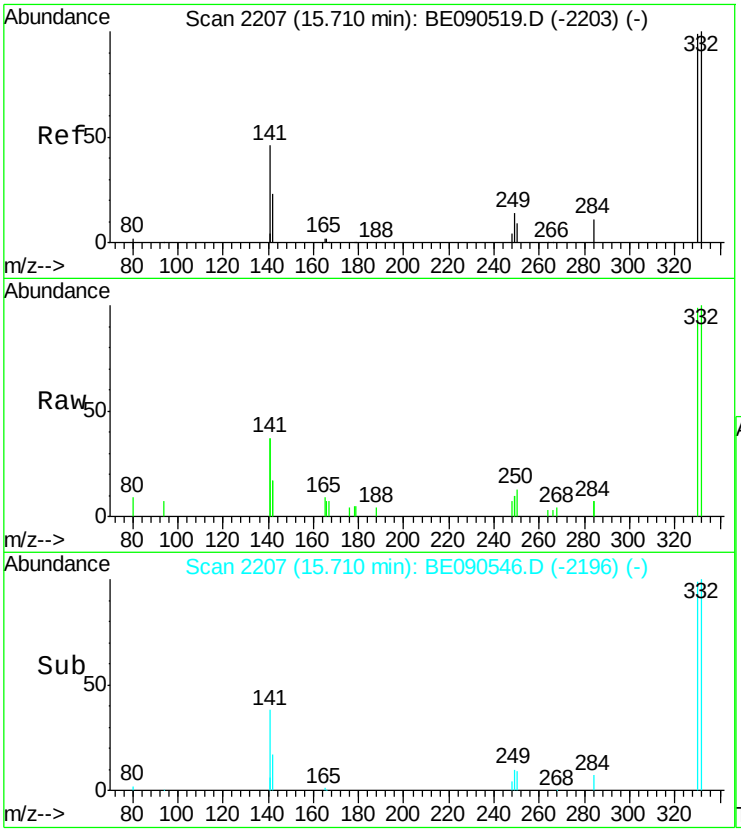


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:164 Resp: 69684

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.8	122.8
160	52.1	44.2	66.4



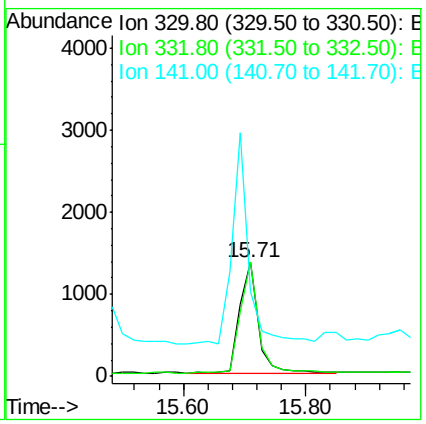


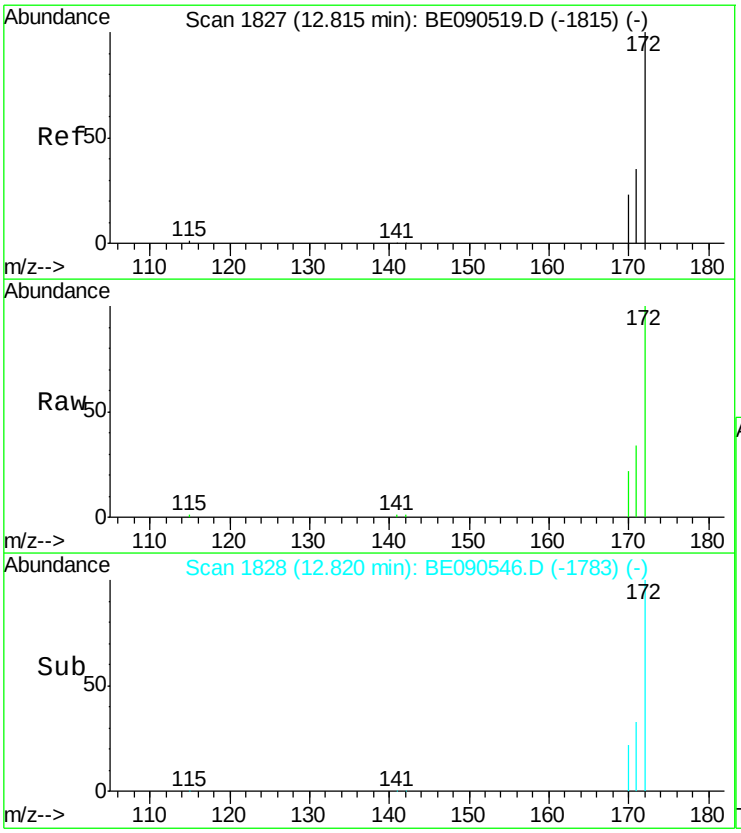
#13
2,4,6-Tribromophenol
Concen: 1.06 ng
RT: 15.71 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 2830

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.6
141	168.9	114.4	171.6

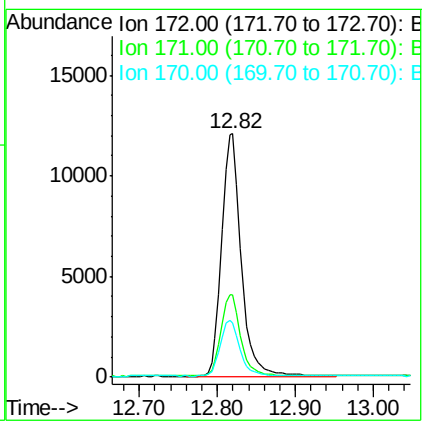


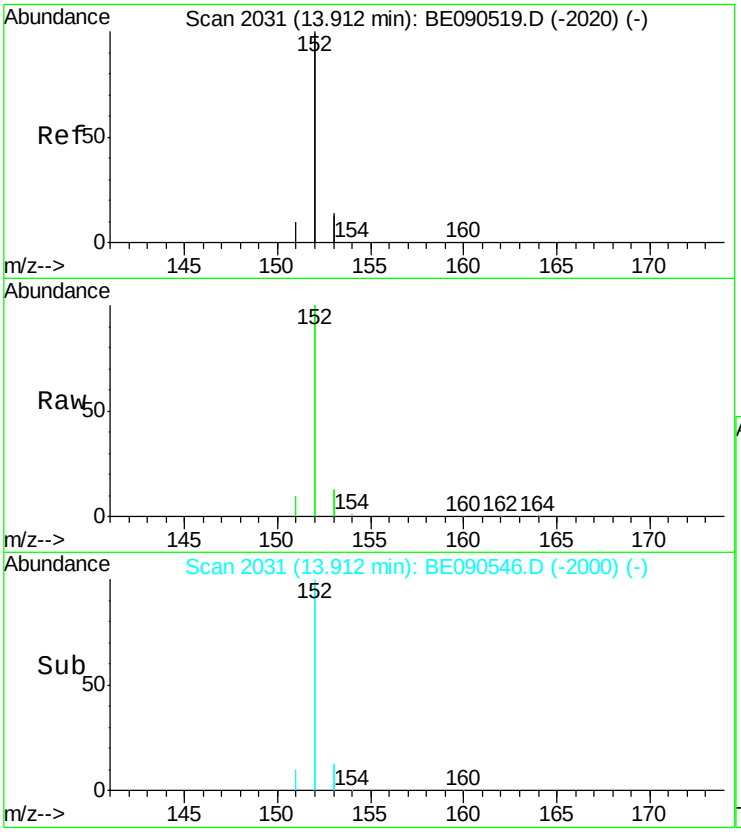


#14
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:172 Resp: 20988

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.5	42.7
170	22.4	19.8	29.8



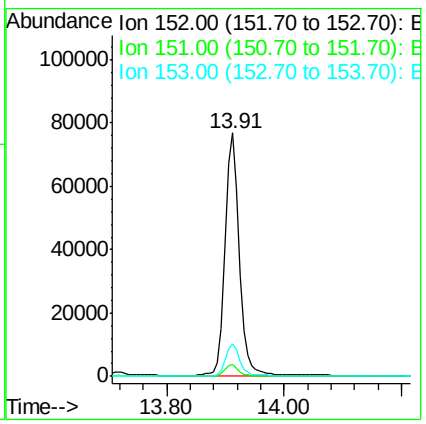


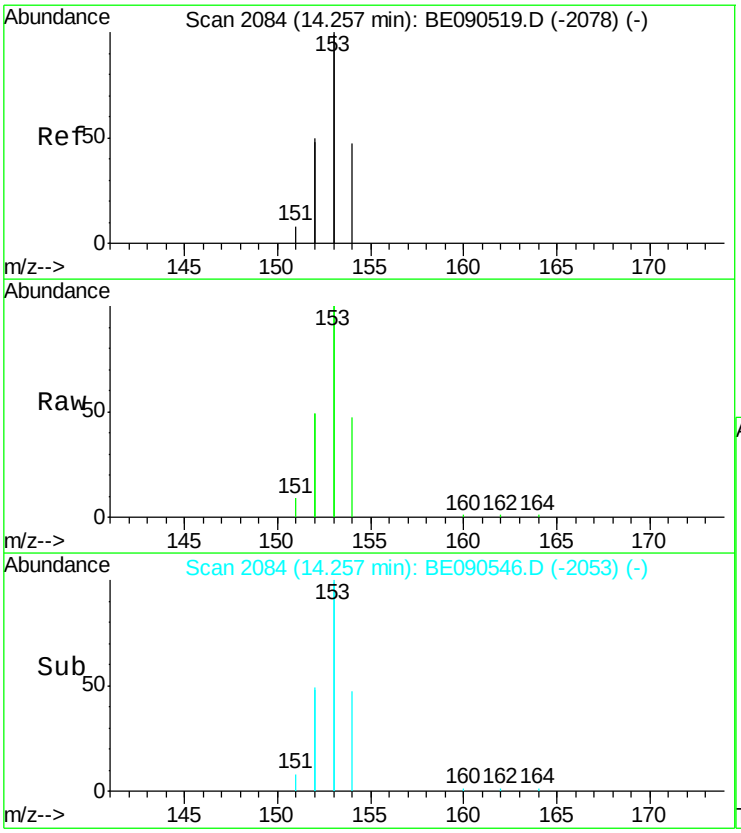
#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.91 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 128229

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

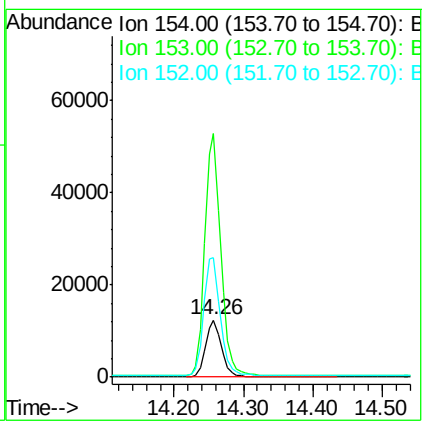


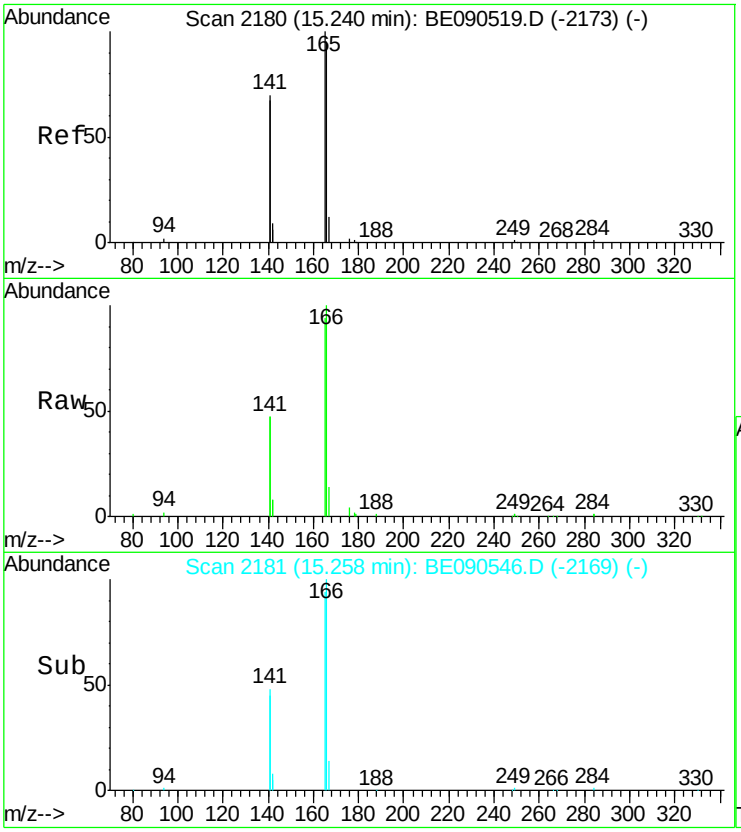


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.26 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:154 Resp: 19049

Ion	Ratio	Lower	Upper
154	100		
153	433.7	376.2	564.2
152	219.7	235.0	352.4#



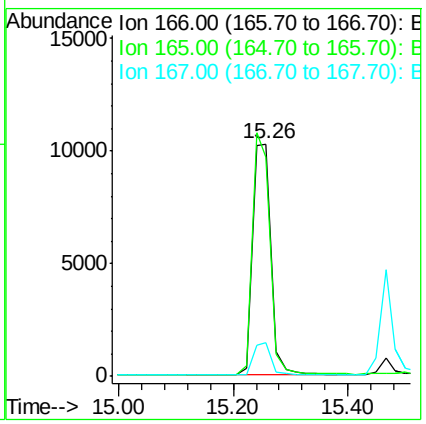


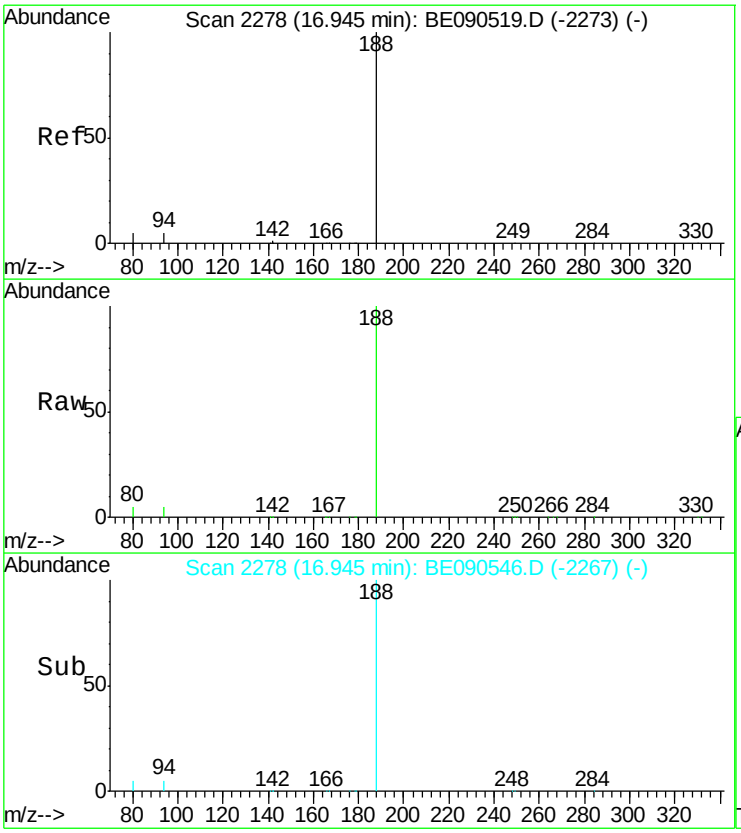
#17
Fluorene
Concen: 0.99 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 23269

Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.5	122.3
167	14.0	11.4	17.0

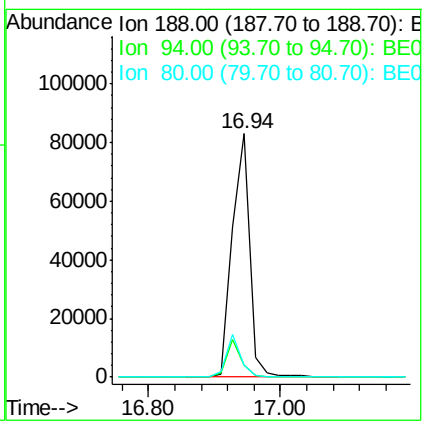


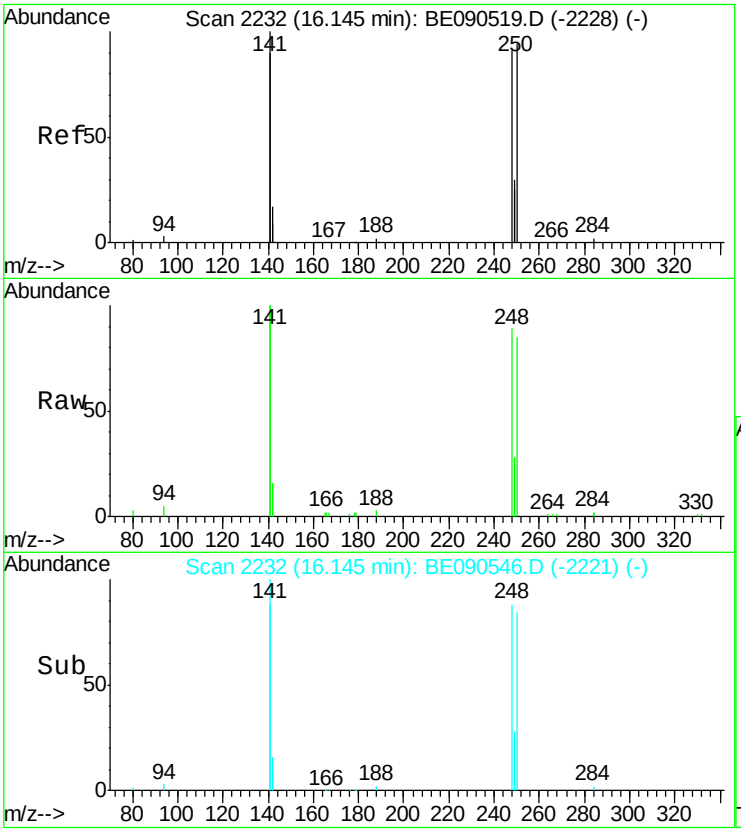


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:188 Resp: 151607

Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.7	8.5#
80	5.0	5.8	8.8#



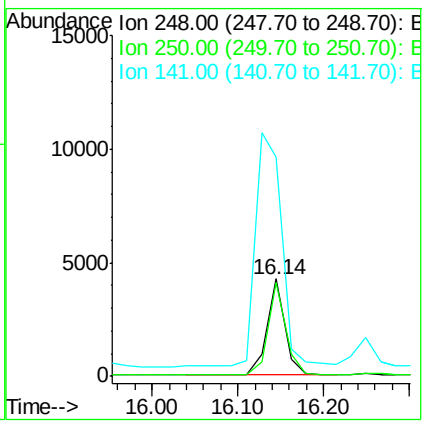


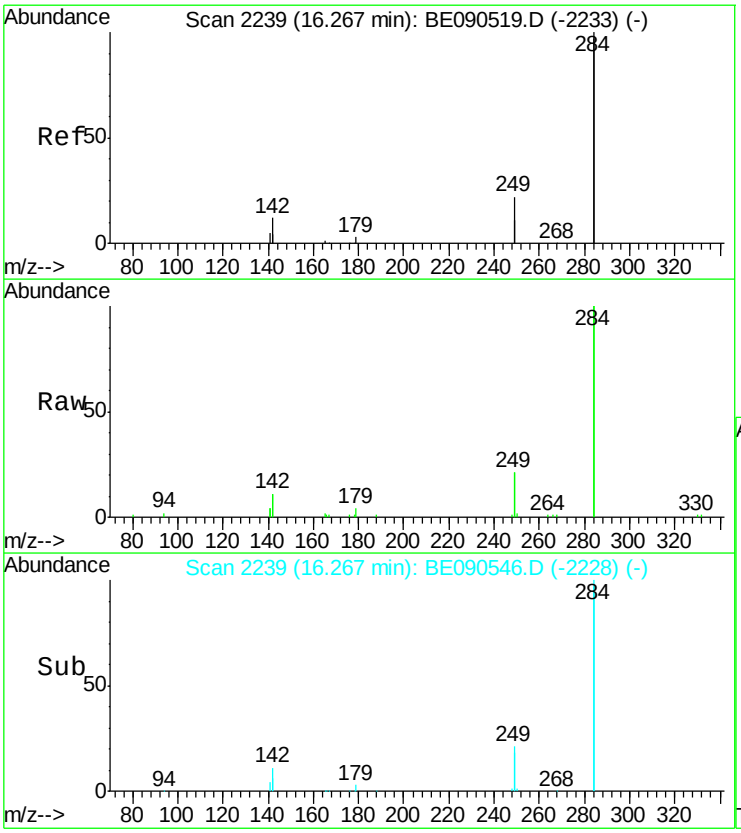
#19
4-Bromophenyl-phenylether
Concen: 1.02 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 6315

Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.0	118.6
141	351.0	239.5	359.3

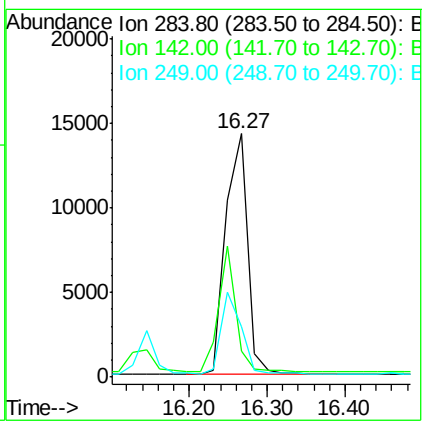


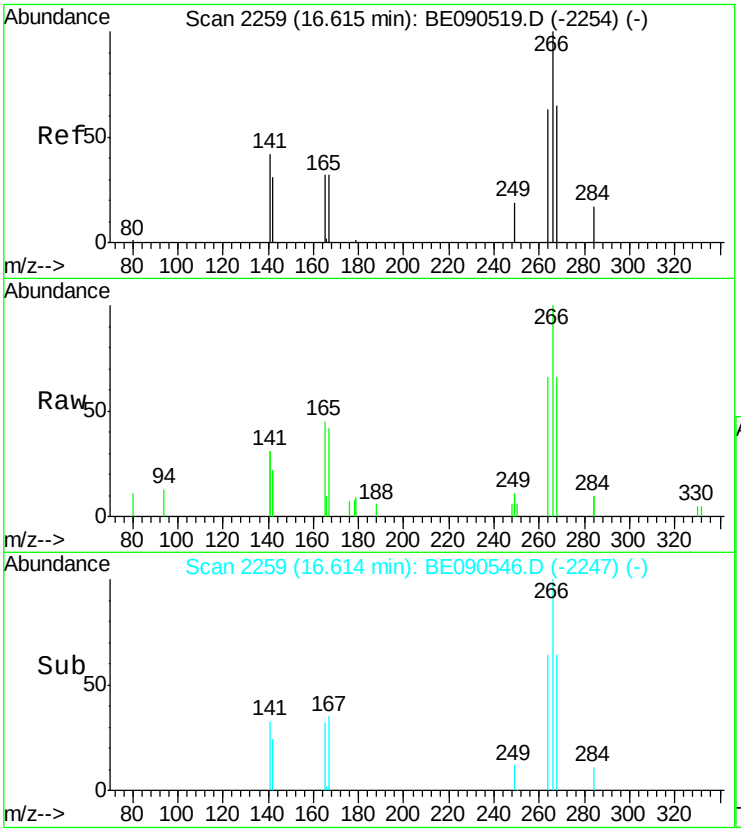


#20
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:284 Resp: 27488

Ion	Ratio	Lower	Upper
284	100		
142	40.6	30.1	45.1
249	30.9	25.7	38.5



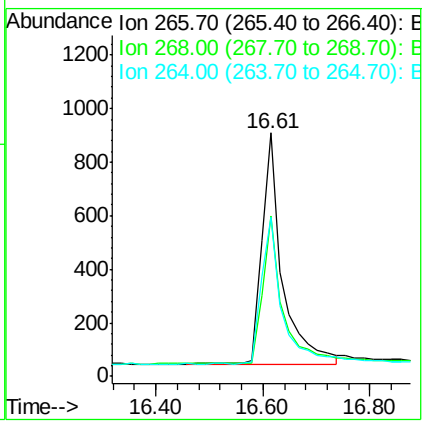


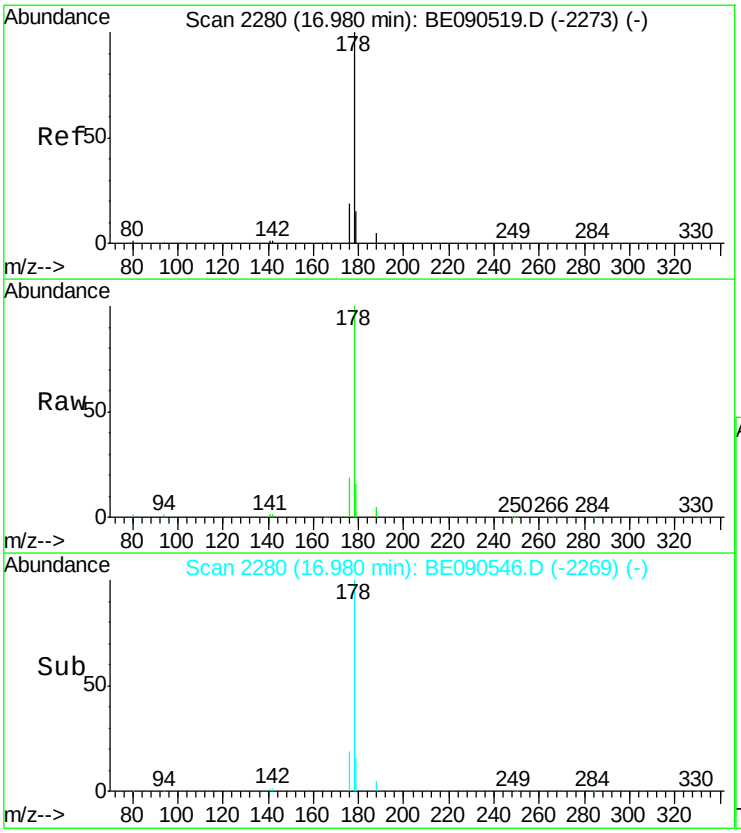
#21
Pentachlorophenol
Concen: 0.95 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 2284

Ion	Ratio	Lower	Upper
266	100		
268	65.9	58.5	87.7
264	65.6	56.0	84.0

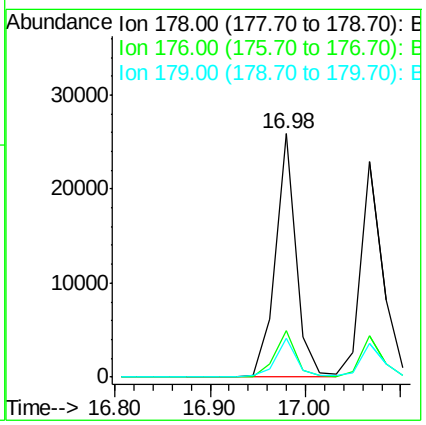


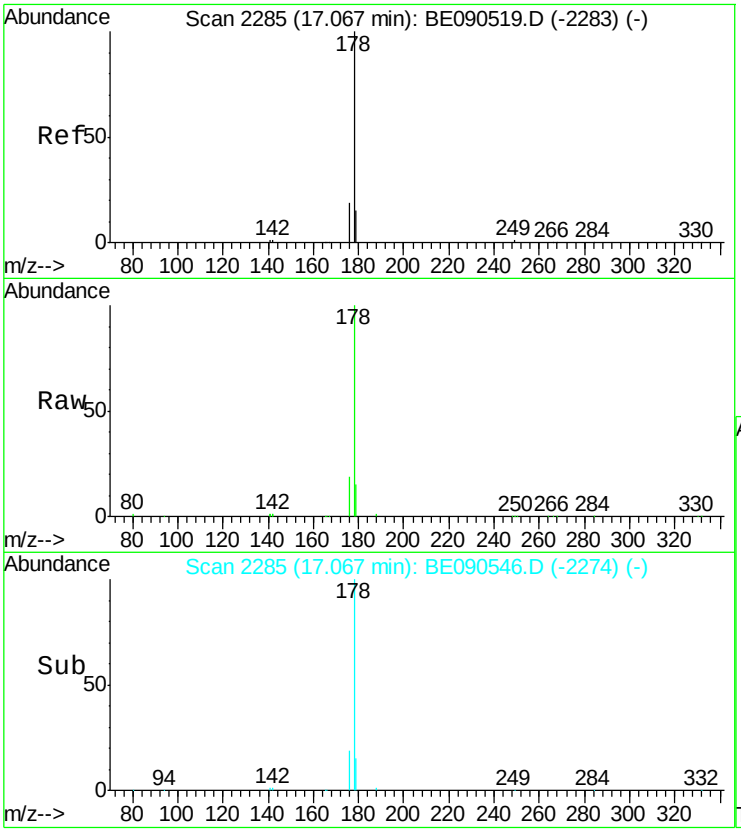


#22
Phenanthrene
Concen: 0.97 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:178 Resp: 38455

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.5	18.7



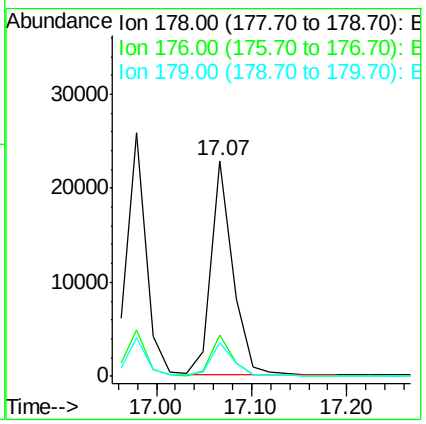


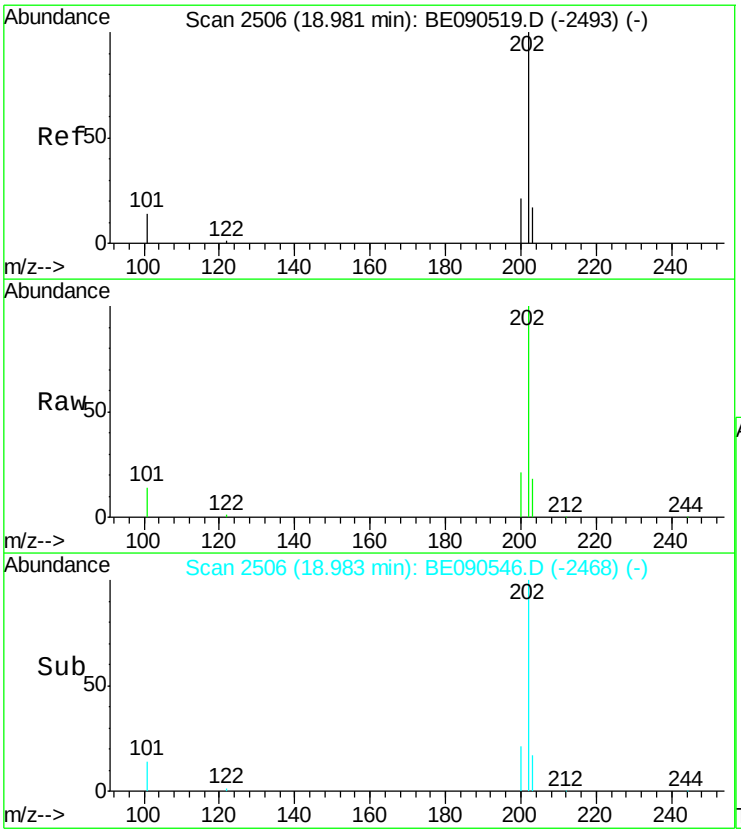
#23
Anthracene
Concen: 0.99 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 36415

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.2	18.4

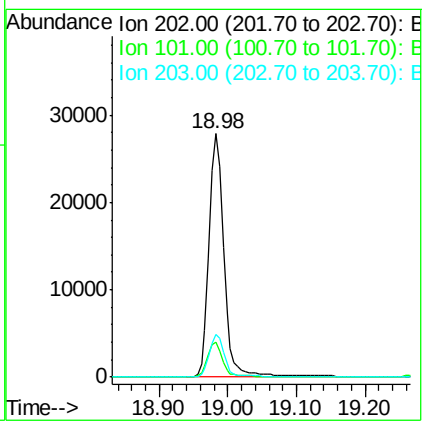


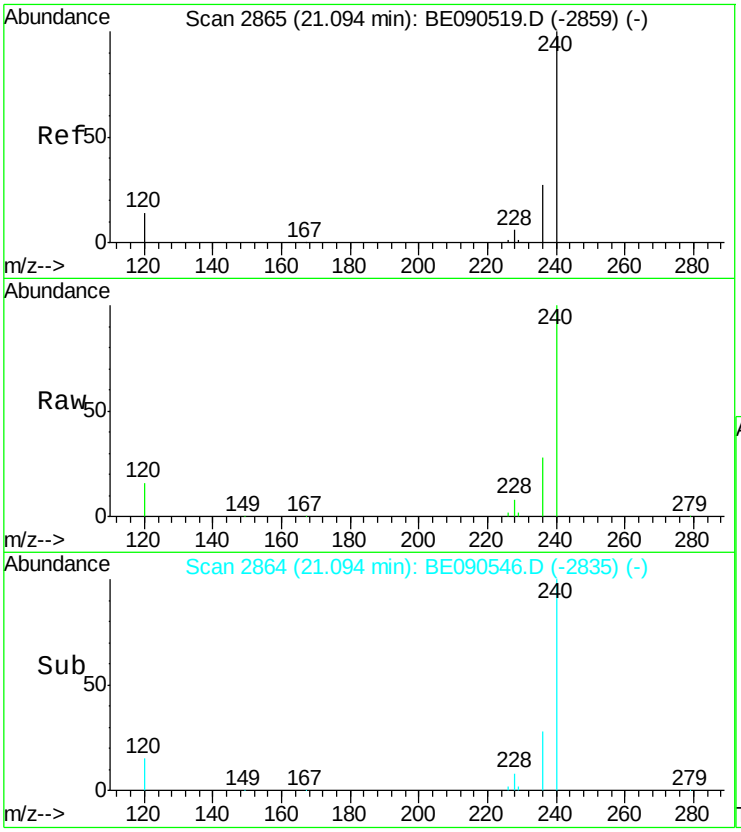


#24
Fluoranthene
Concen: 0.98 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:202 Resp: 41319

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
203	17.3	13.7	20.5



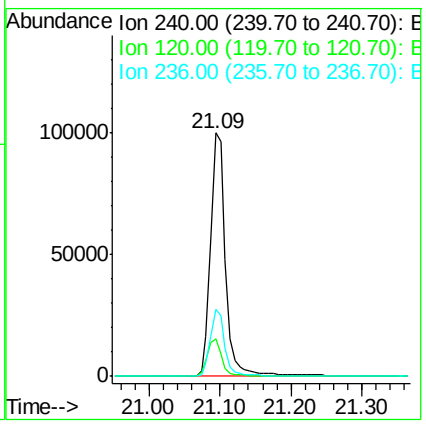


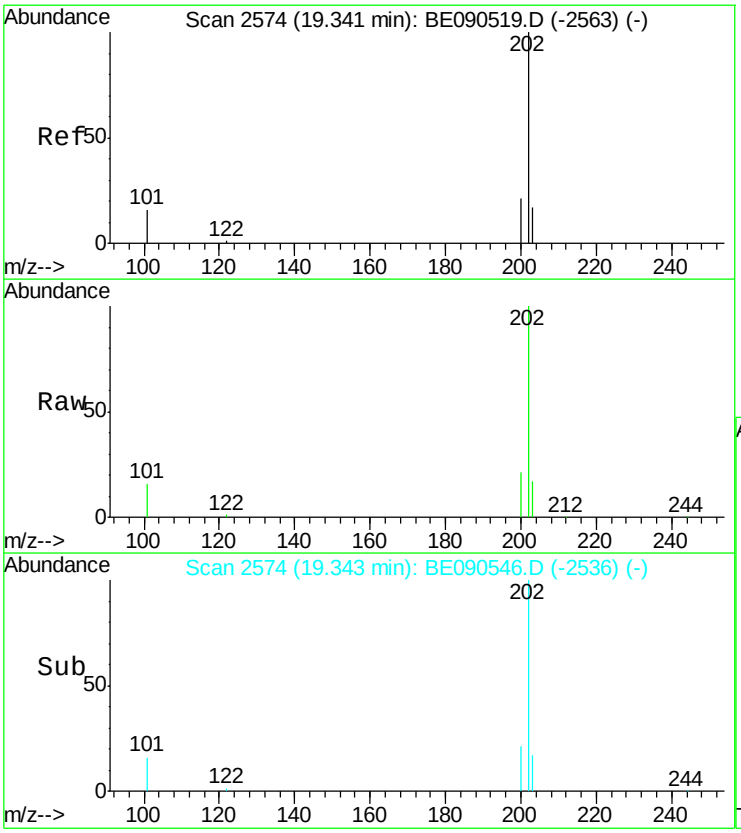
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 147537

Ion	Ratio	Lower	Upper
240	100		
120	15.5	8.3	12.5#
236	27.6	21.0	31.4

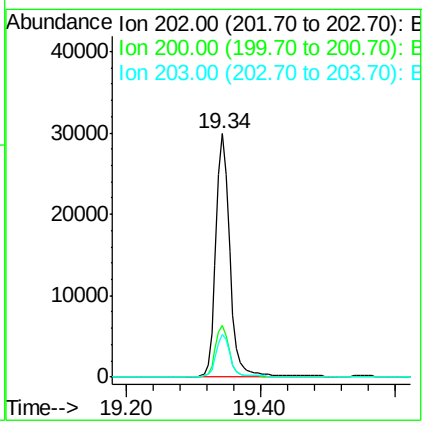


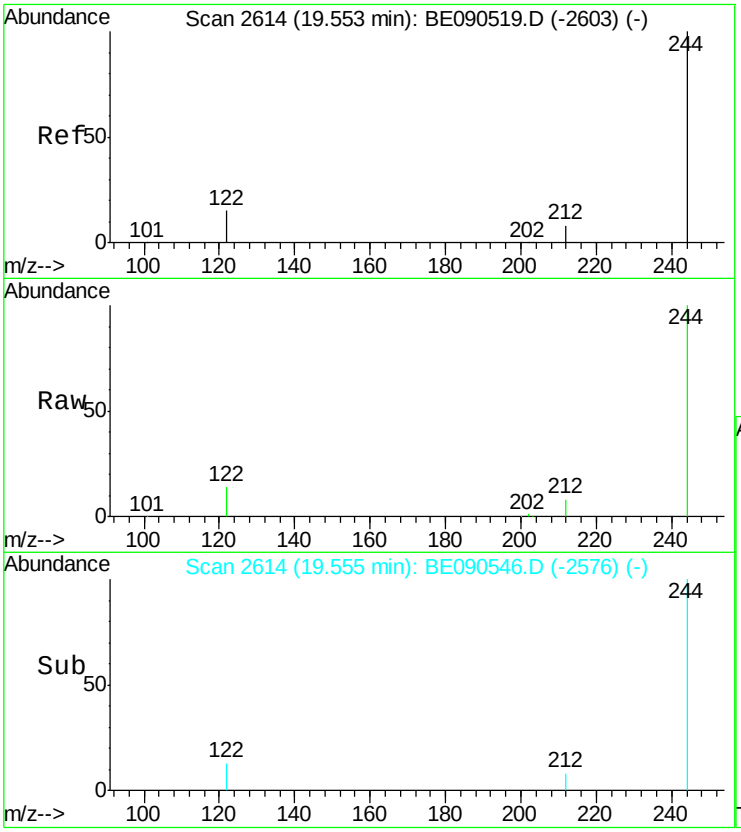


#26
Pyrene
Concen: 1.01 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:202 Resp: 42663

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.4	13.8	20.8



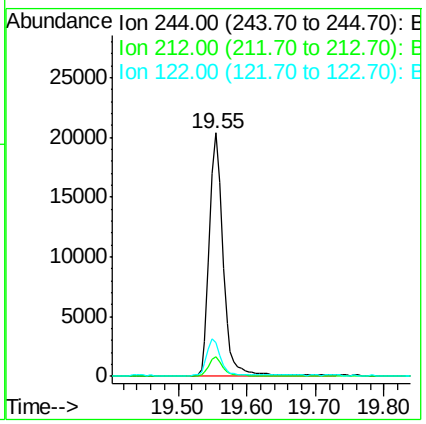


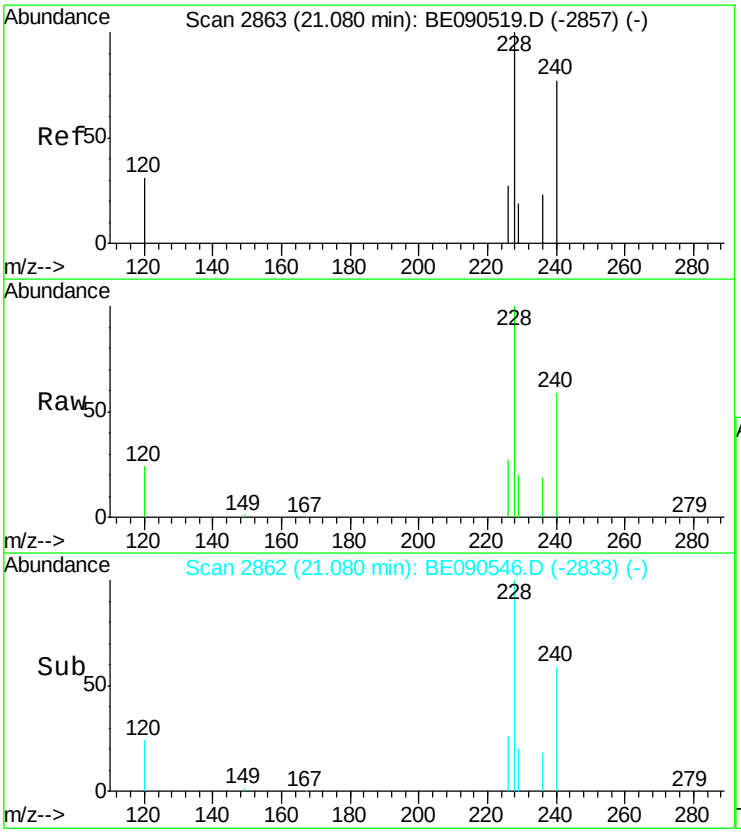
#27
Terphenyl-d14
Concen: 1.03 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 27856

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	13.9	10.2	15.4

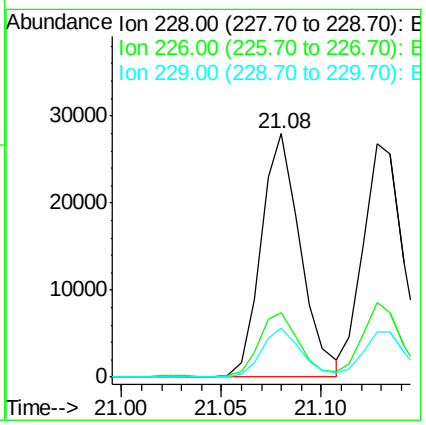


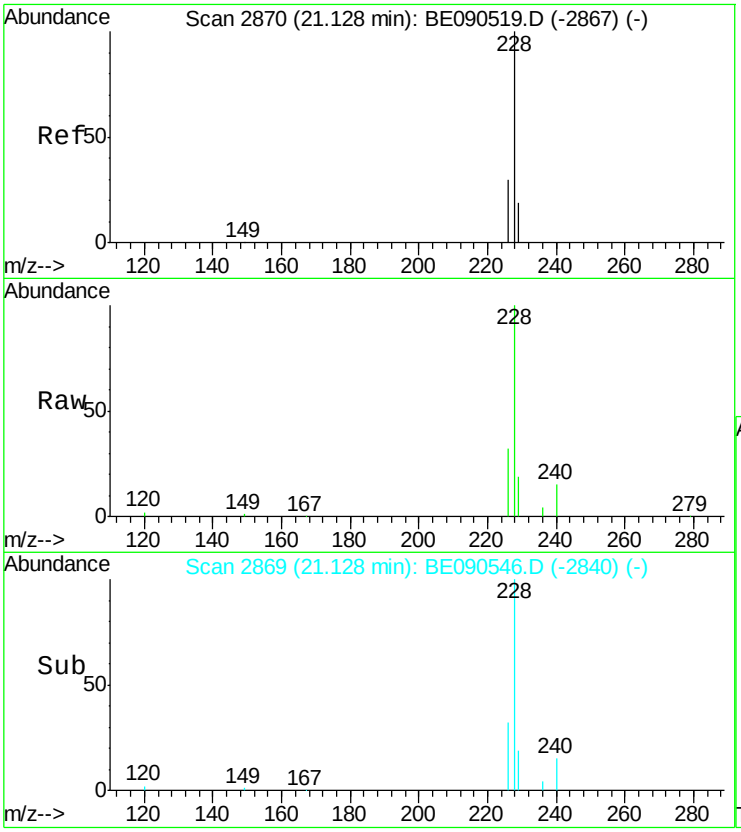


#28
Benzo(a)anthracene
Concen: 0.98 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:228 Resp: 38066

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.9	32.9
229	20.2	15.4	23.0



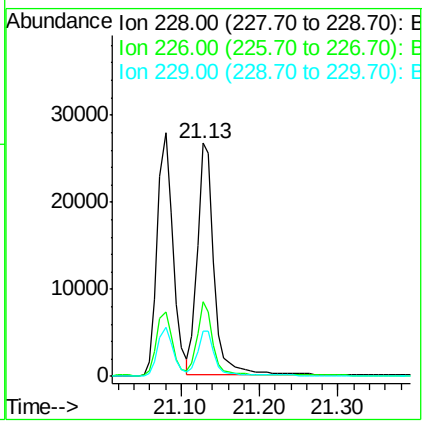


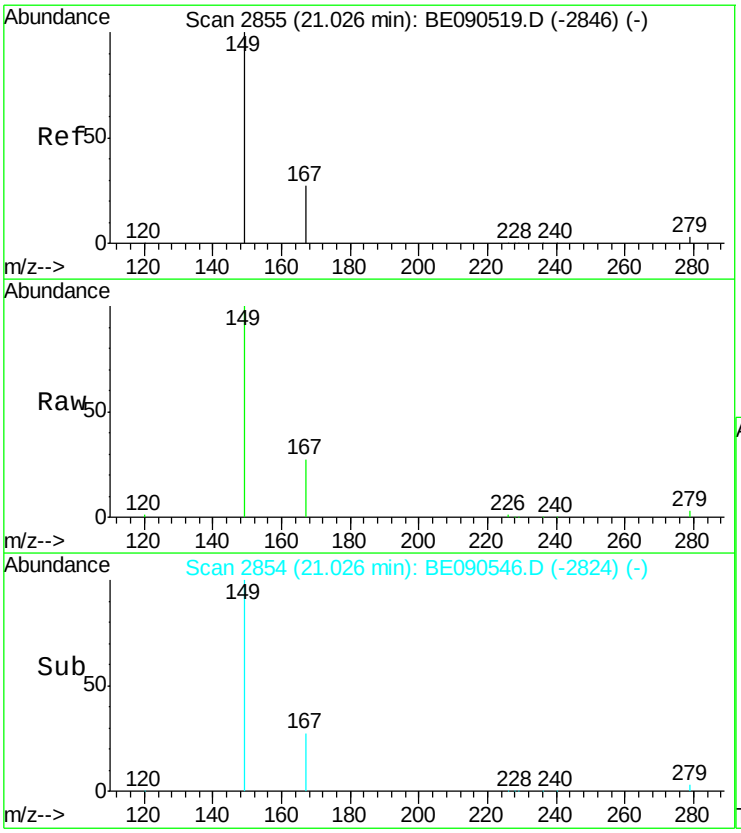
#29
Chrysene
Concen: 1.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 39604

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.1	34.7
229	19.4	15.8	23.8

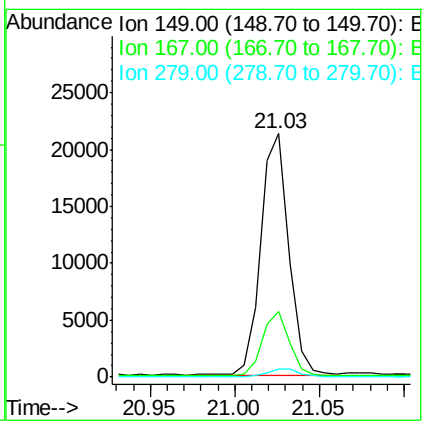


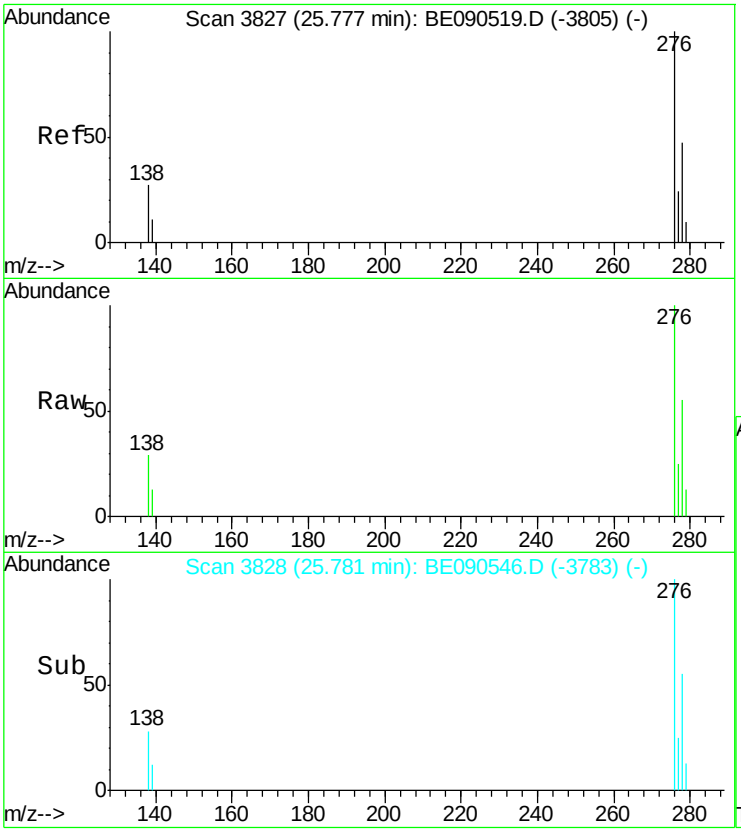


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.16 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:149 Resp: 24216

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.8	29.8
279	3.2	2.4	3.6



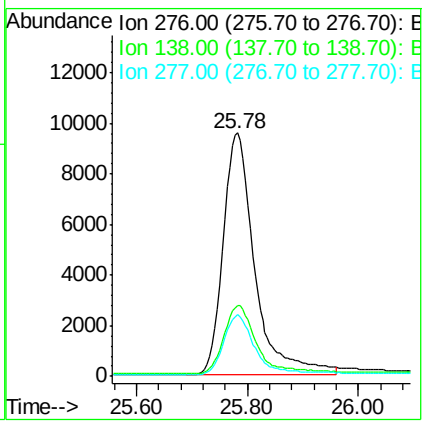


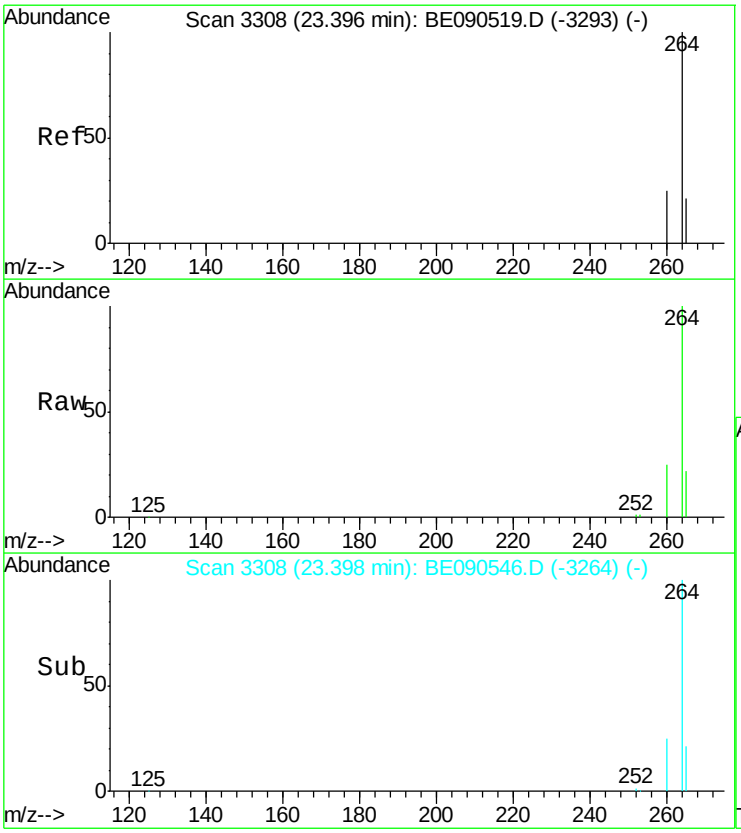
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng
RT: 25.78 min Scan# 3828
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 37731

Ion	Ratio	Lower	Upper
276	100		
138	29.6	18.8	28.2#
277	24.9	18.2	27.4

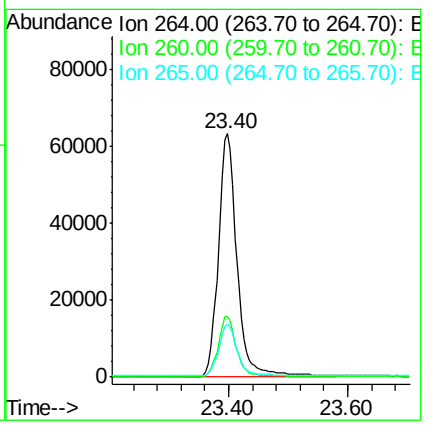


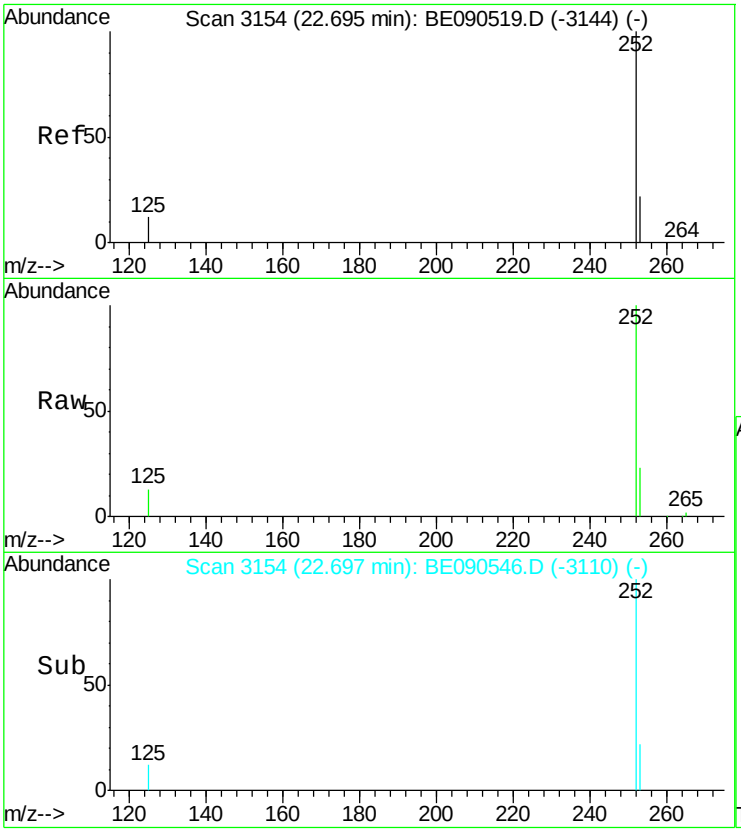


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:264 Resp: 138228

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.2	25.8



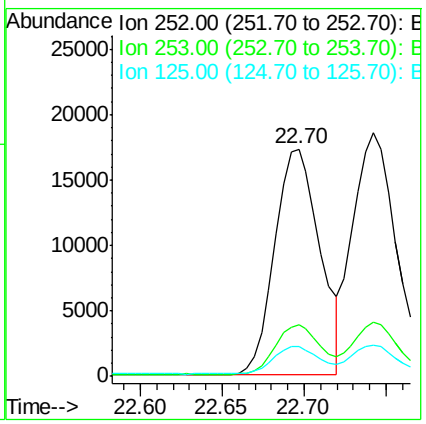


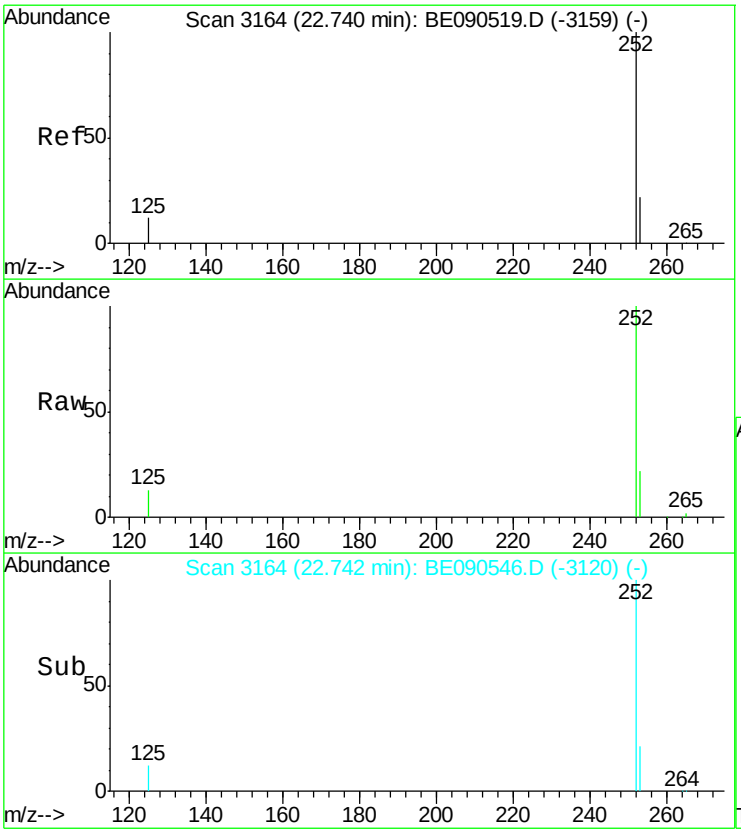
#33
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 33168

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.1	9.4	14.2

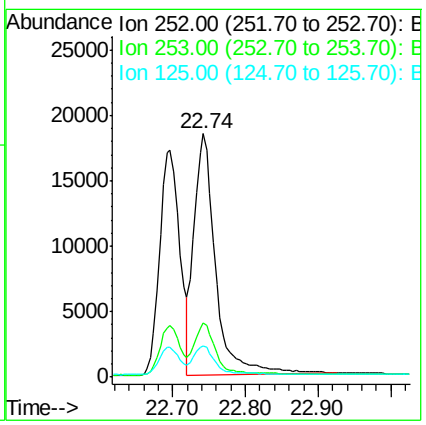


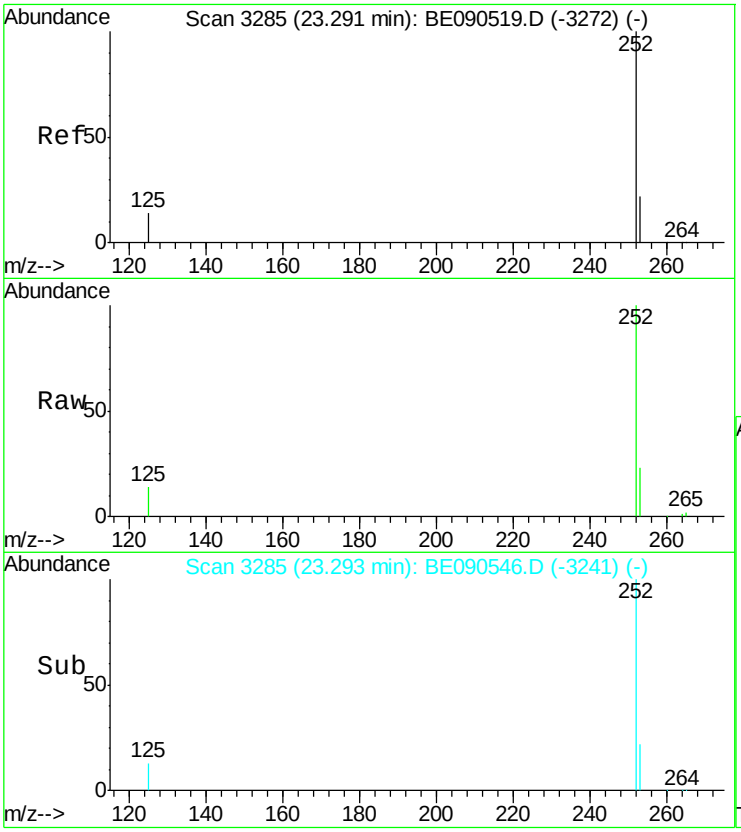


#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:252 Resp: 37769

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.0	9.1	13.7



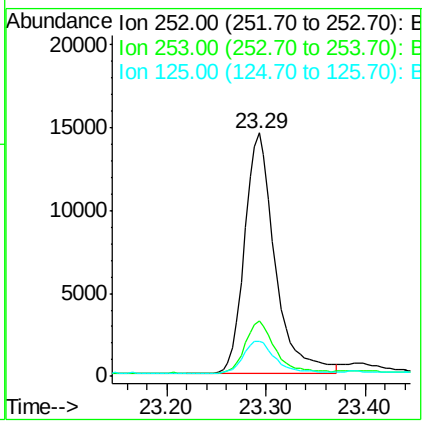


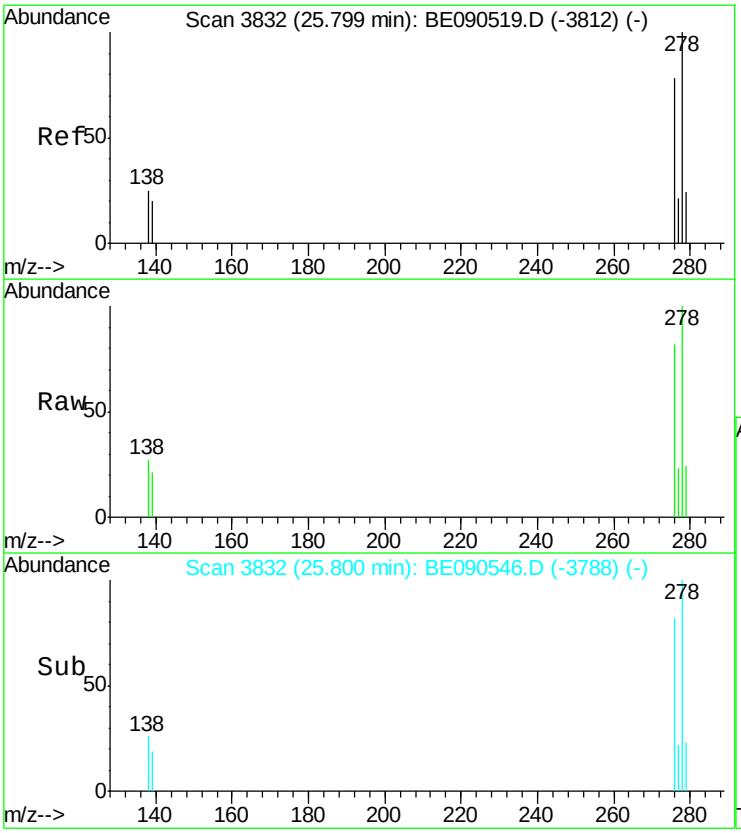
#35
Benzo(a)pyrene
Concen: 1.01 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 31081

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	14.4	9.8	14.6

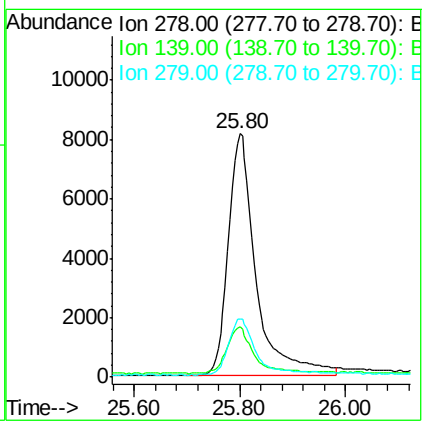


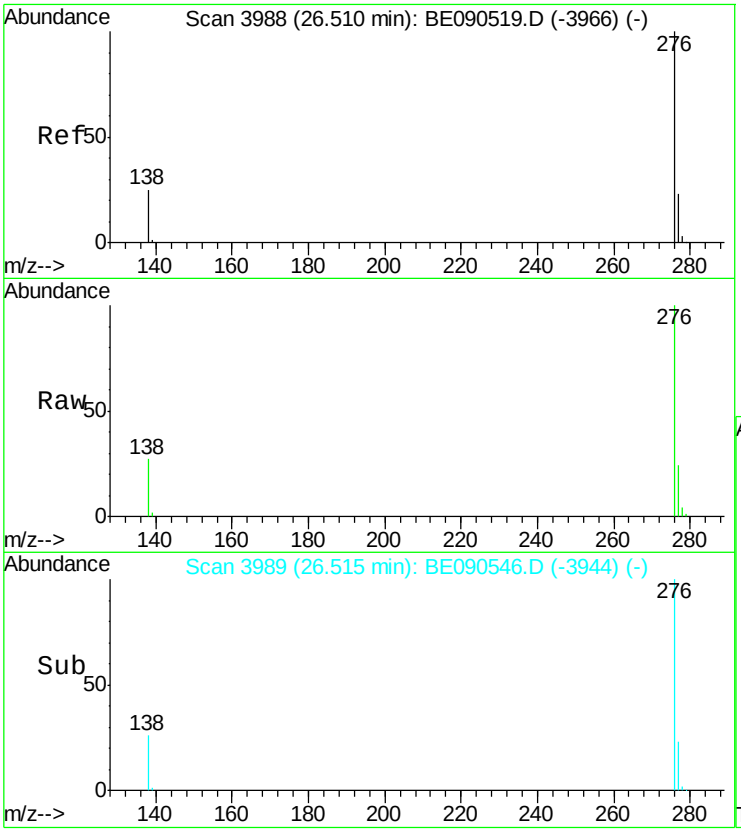


#36
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Tgt Ion:278 Resp: 29674

Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.2	21.4
279	24.0	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 1.02 ng
RT: 26.52 min Scan# 3989
Delta R.T. 0.00 min
Lab File: BE090546.D
Acq: 17 Aug 2015 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 33059

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.1	30.1
138	26.6	18.1	27.1