Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090424.D
Acq On : 11 Aug 2015 5:13
Operator : TP/UM
Sample : PB84906BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84906BS

Quant Time: Aug 11 07:14:59 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25729	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	122103	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	71419	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	165659	5.00	ng		0.00
25) Chrysene-d12	21.09	240	198977	5.00	ng		0.00
32) Perylene-d12	23.40	264	181810	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	30940	8.02	ng		0.00
5) Phenol-d6	6.77	99	49733	6.00	ng		0.00
7) Nitrobenzene-d5	8.72	82	29920	3.09	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	15756	7.46	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	66929	3.41	ng		0.00
27) Terphenyl-d14	19.55	244	117667	4.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	9514	3.09	ng		98
3) n-Nitrosodimethylamine	3.49	42	12604	3.17	ng	#	78
8) Nitrobenzene	8.76	77	30273	2.94	ng		96
9) Naphthalene	10.39	128	79521	2.95	ng		98
10) Hexachlorobutadiene	10.68	225	12998	3.16	ng		99
11) 2-Methylnaphthalene	12.01	142	53374	3.41	ng		99
15) Acenaphthylene	13.91	152	386755	3.34	ng		100
16) Acenaphthene	14.26	154	56030	3.12	ng		88
17) Fluorene	15.24	166	76924	3.29	ng		97
19) 4-Bromophenyl-phenylether	16.15	248	22730	3.53	ng		99
20) Hexachlorobenzene	16.27	284	96116	2.89	ng		98
21) Pentachlorophenol	16.60	266	18071	7.27	ng		90
22) Phenanthrene	16.98	178	134971	3.26	ng		100
23) Anthracene	17.07	178	133308	3.91	ng		100
24) Fluoranthene	18.98	202	158191	3.88	ng		99
26) Pyrene	19.34	202	170720	3.96	ng		99
28) Benzo(a)anthracene	21.08	228	162812	3.69	ng		99
29) Chrysene	21.13	228	172044	3.23	ng		99
30) Bis(2-ethylhexyl)phthalate	21.03	149	74530	4.76	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	150433	3.22	ng		95
33) Benzo(b)fluoranthene	22.70	252	139046	3.45	ng		98
34) Benzo(k)fluoranthene	22.74	252	159537	3.15	ng		99
35) Benzo(a)pyrene	23.29	252	130481	3.43	ng		99
36) Dibenzo(a,h)anthracene	25.80	278	120007	3.26	ng		98
37) Benzo(g,h,i)perylene	26.51	276	132880	3.96	ng		98

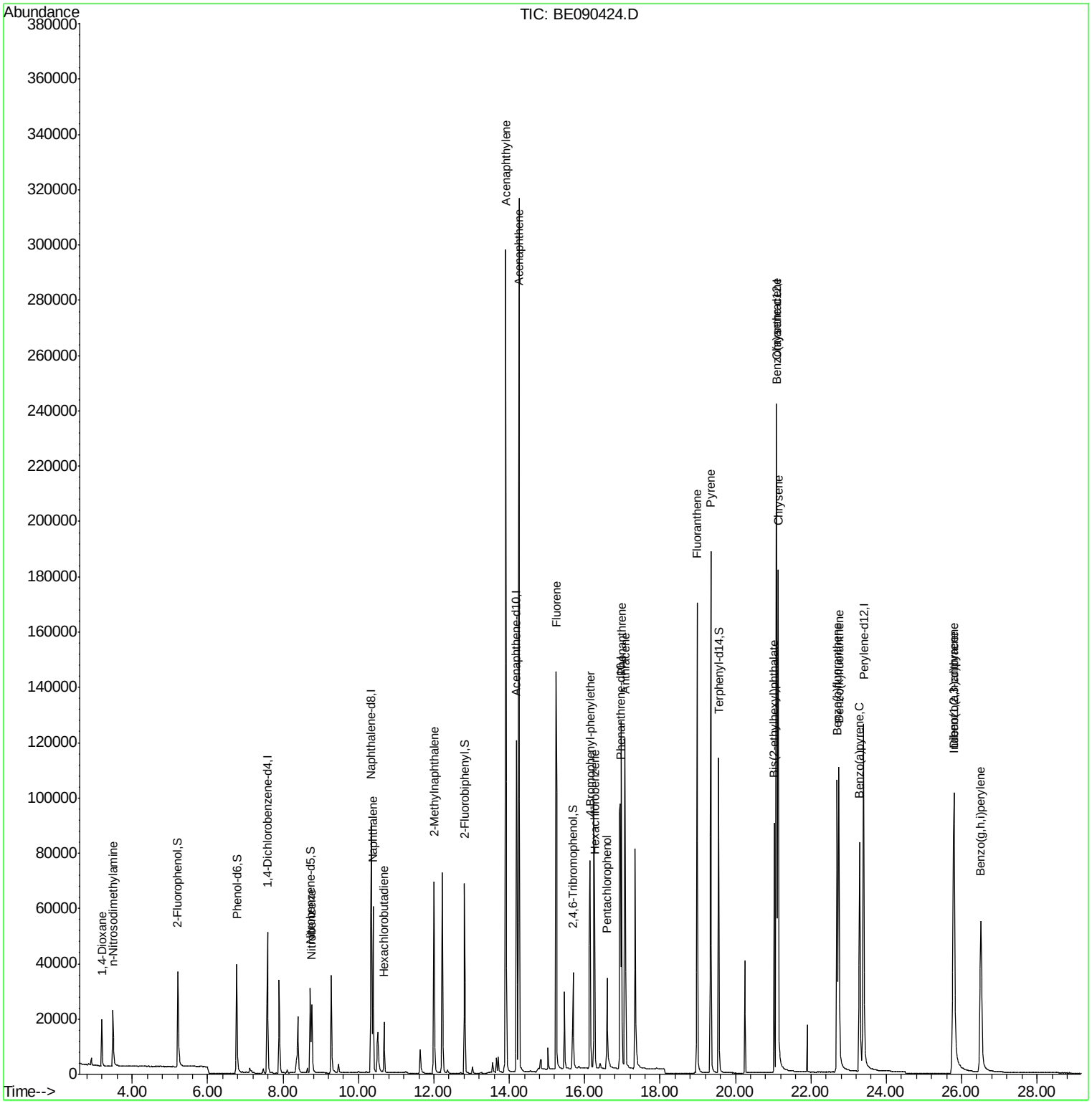
(#) = qualifier out of range (m) = manual integration (+) = signals summed

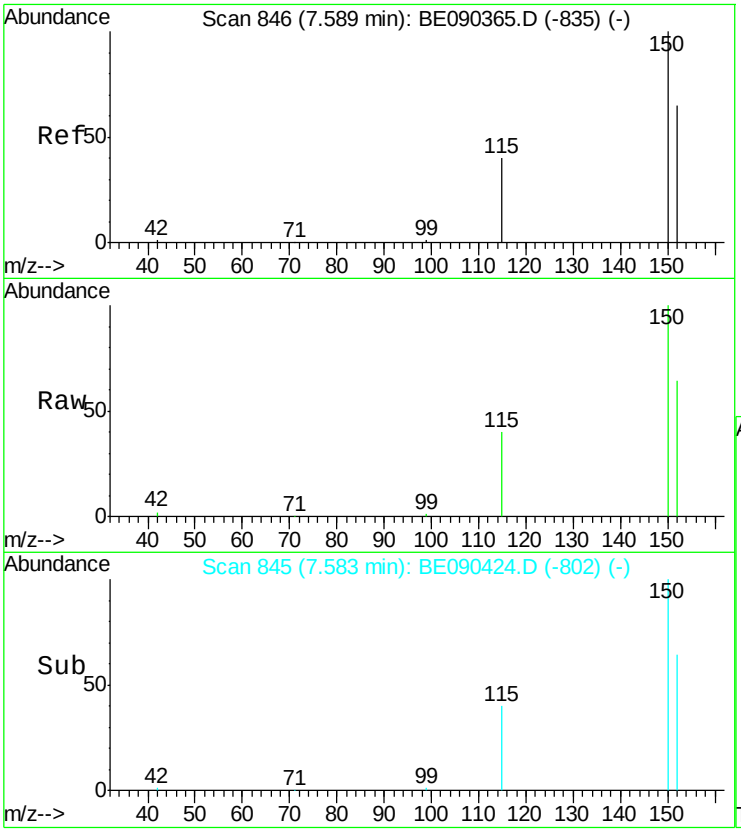
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081015\
Data File : BE090424.D
Acq On : 11 Aug 2015 5:13
Operator : TP/UM
Sample : PB84906BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Quant Time: Aug 11 07:14:59 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



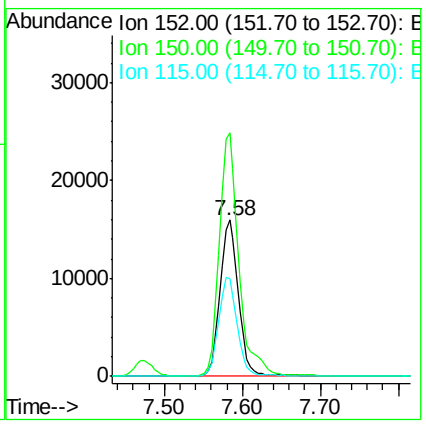


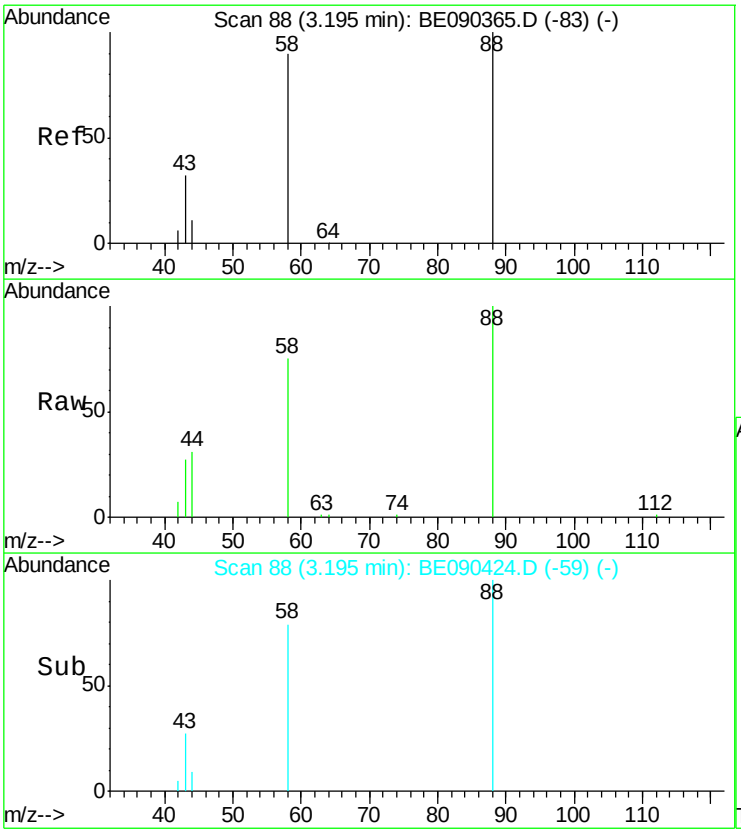
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:152 Resp: 25729

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	62.7	48.9	73.3

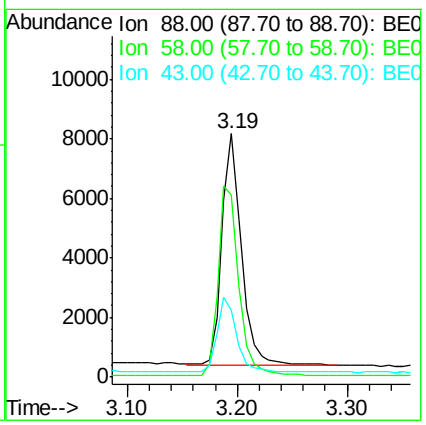


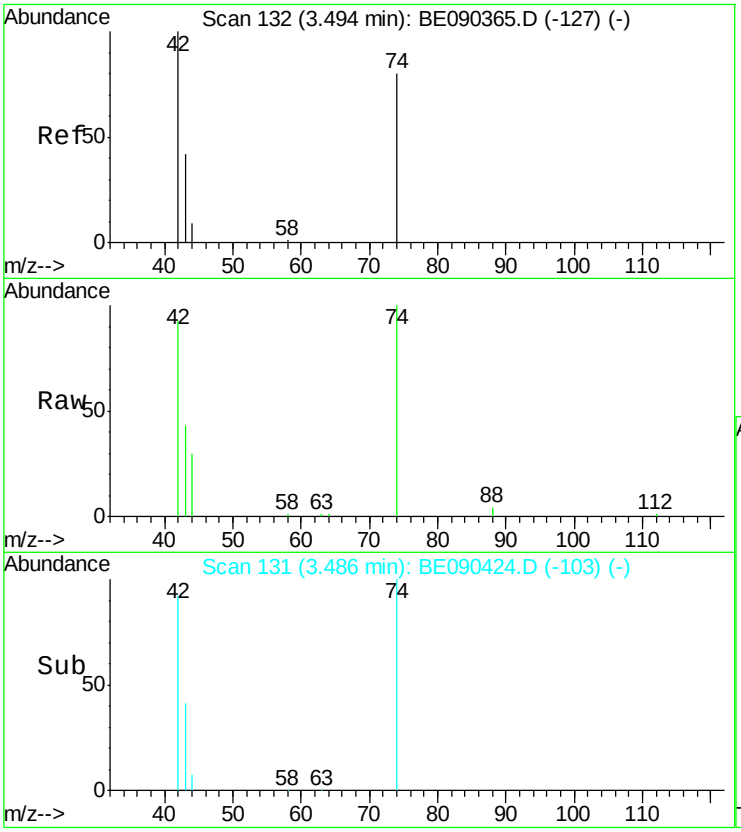


#2
1,4-Dioxane
Concen: 3.09 ng
RT: 3.19 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion: 88 Resp: 9514

Ion	Ratio	Lower	Upper
88	100		
58	87.3	70.0	105.0
43	32.5	28.4	42.6



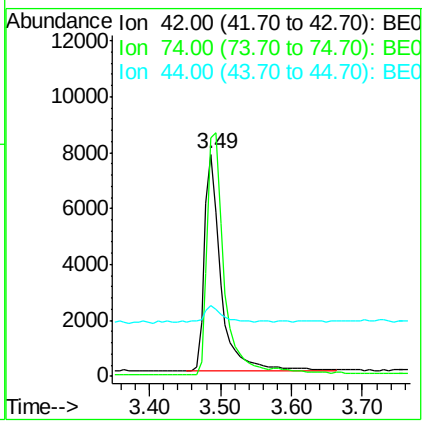


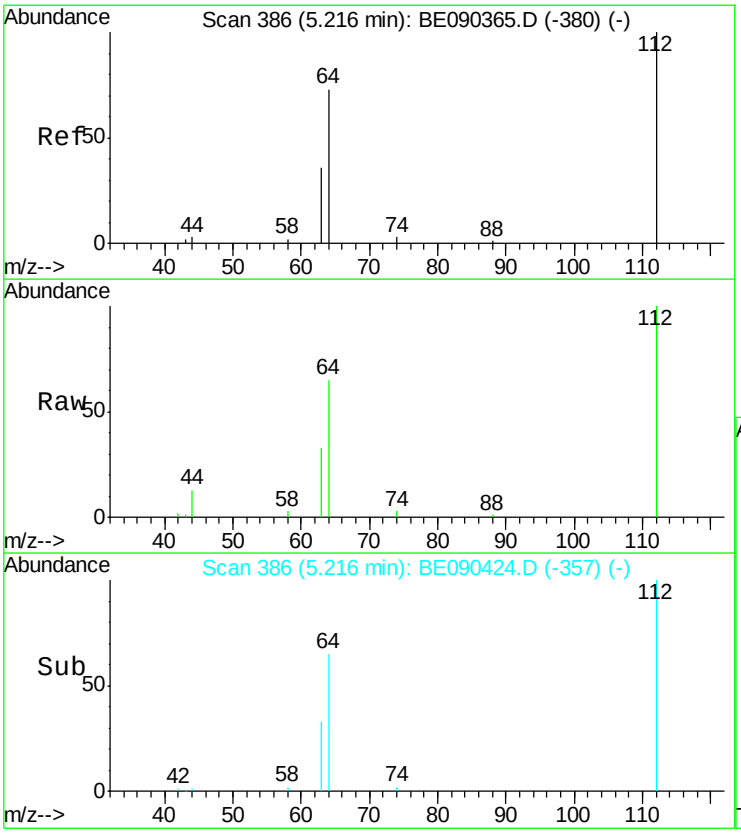
#3
n-Nitrosodimethylamine
Concen: 3.17 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion: 42 Resp: 12604

Ion	Ratio	Lower	Upper
42	100		
74	117.4	75.2	112.8#
44	8.3	8.7	13.1#

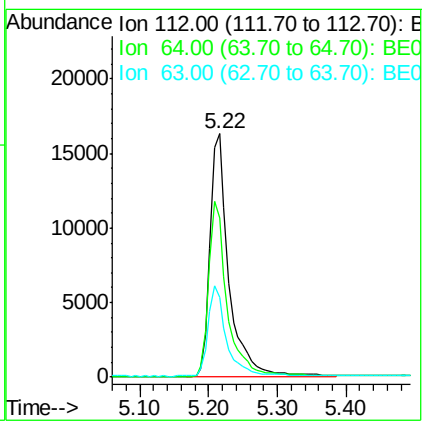


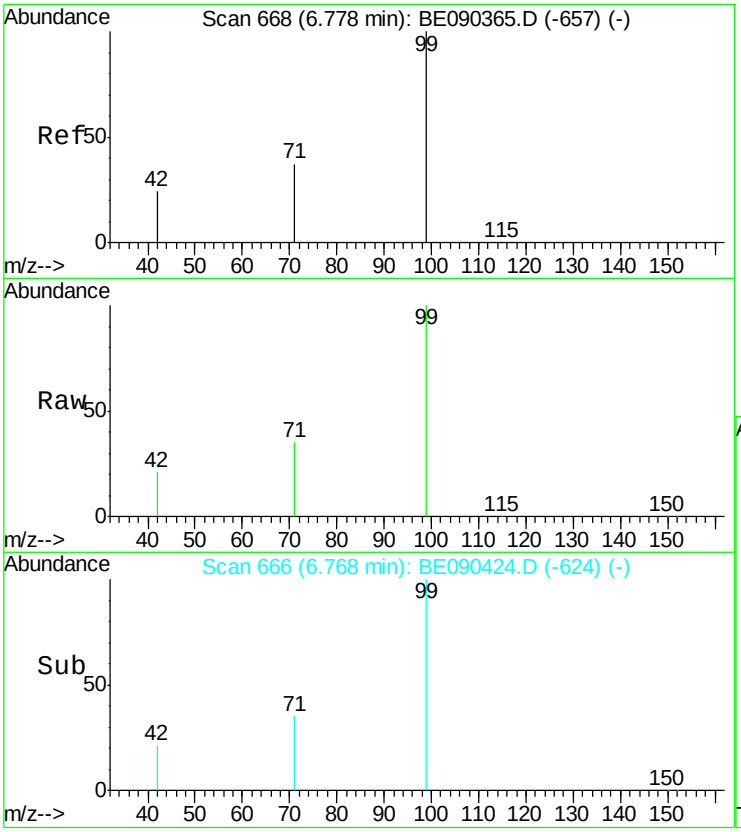


#4
2-Fluorophenol
Concen: 8.02 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:112 Resp: 30940

Ion	Ratio	Lower	Upper
112	100		
64	70.9	37.1	55.7#
63	36.3	19.5	29.3#



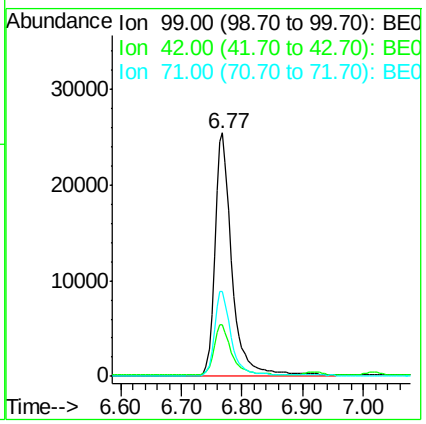


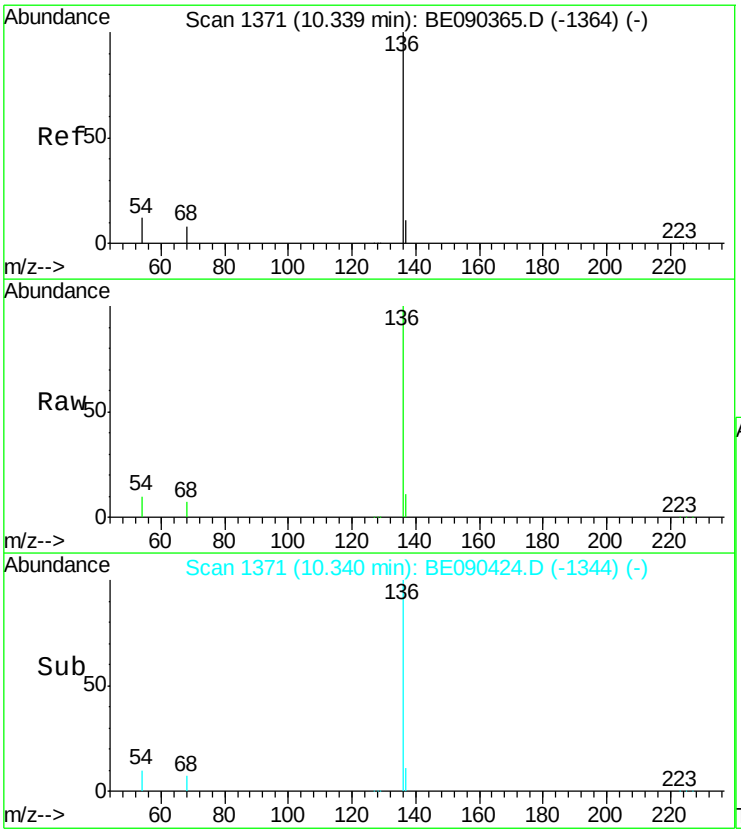
#5
Phenol-d6
Concen: 6.00 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion: 99 Resp: 49733

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	35.0	27.4	41.0

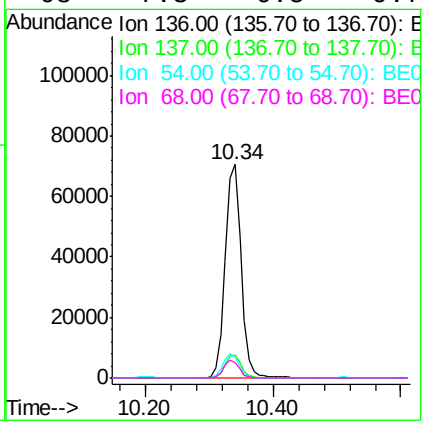


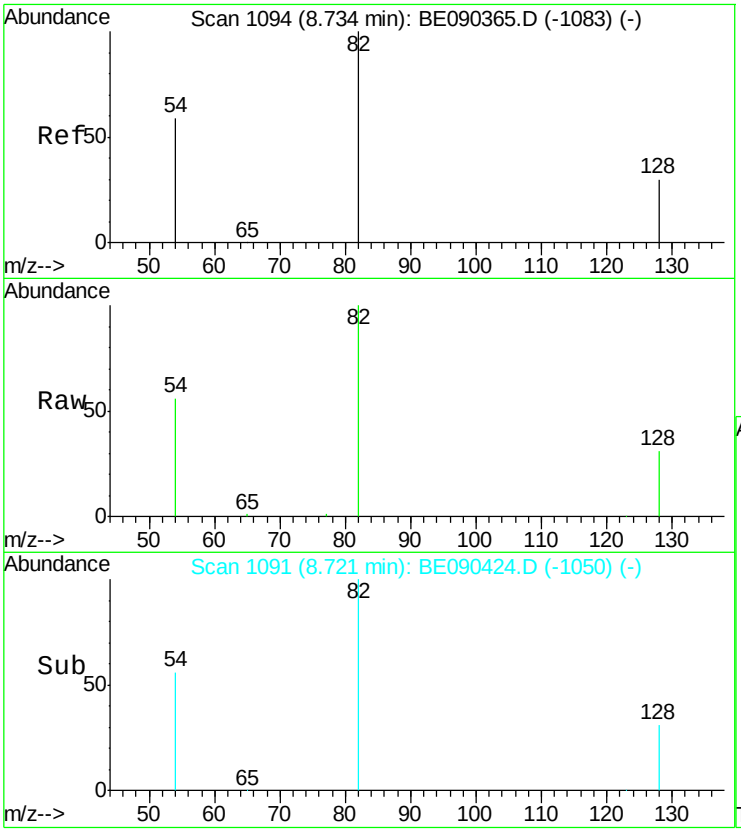


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:136 Resp: 122103

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.9	9.4	14.0
68	7.3	6.5	9.7



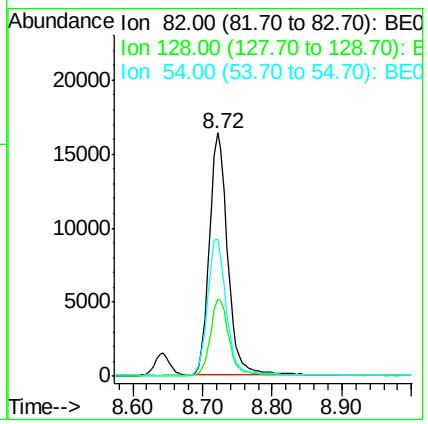


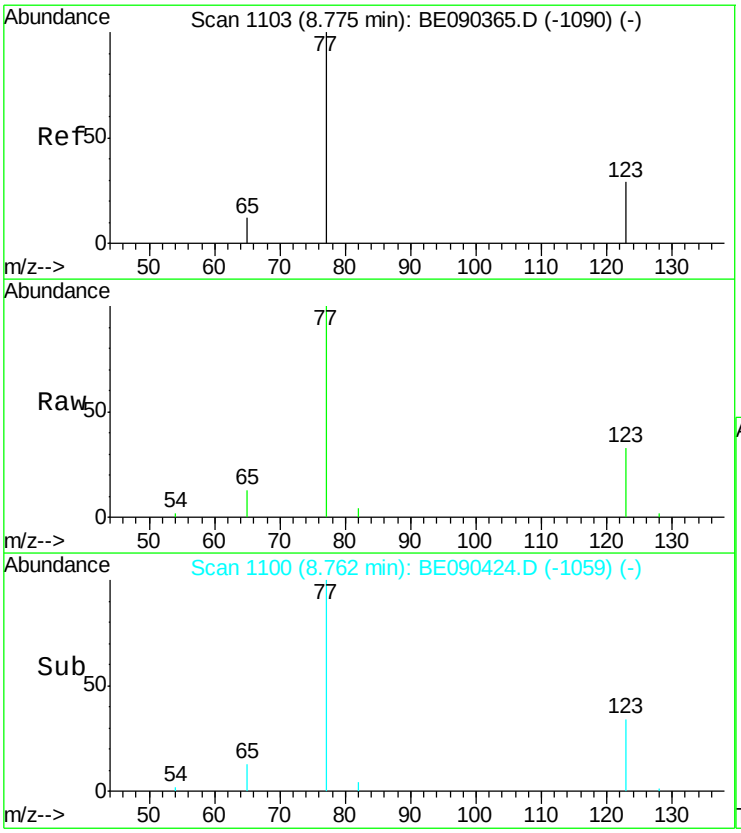
#7
Nitrobenzene-d5
Concen: 3.09 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion: 82 Resp: 29920

Ion	Ratio	Lower	Upper
82	100		
128	31.5	25.0	37.6
54	56.3	48.8	73.2

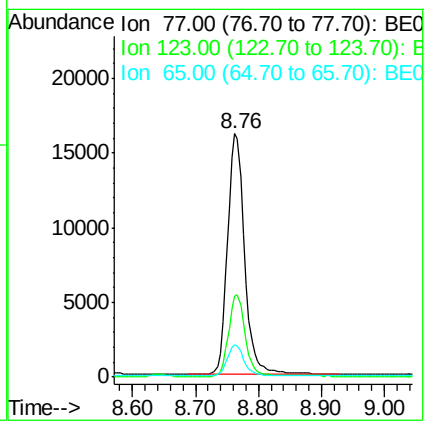


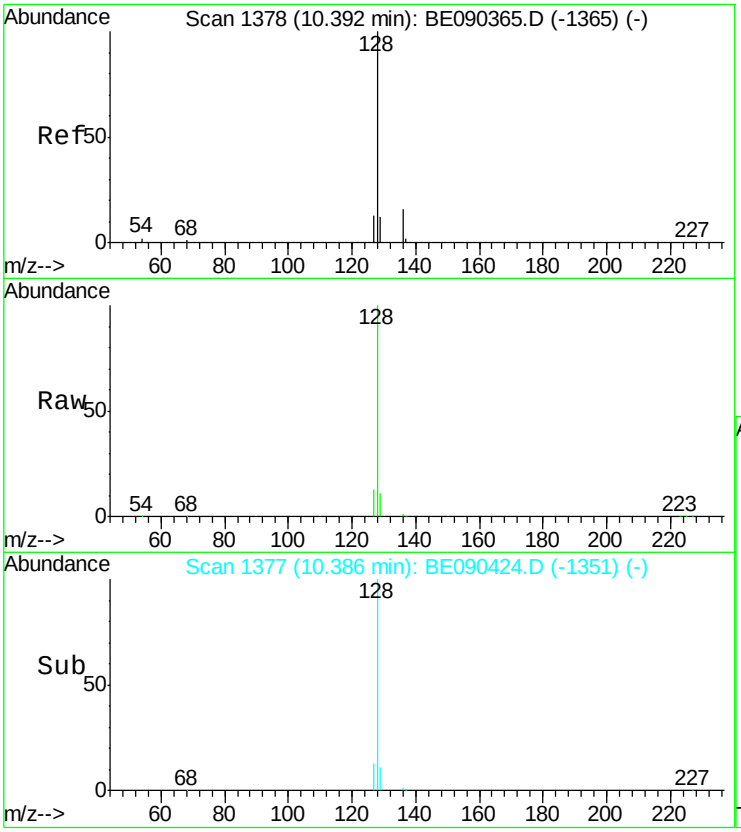


#8
Nitrobenzene
Concen: 2.94 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion: 77 Resp: 30273

Ion	Ratio	Lower	Upper
77	100		
123	33.6	25.1	37.7
65	12.7	9.3	13.9



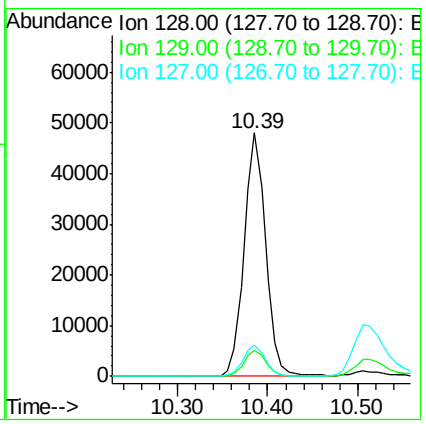


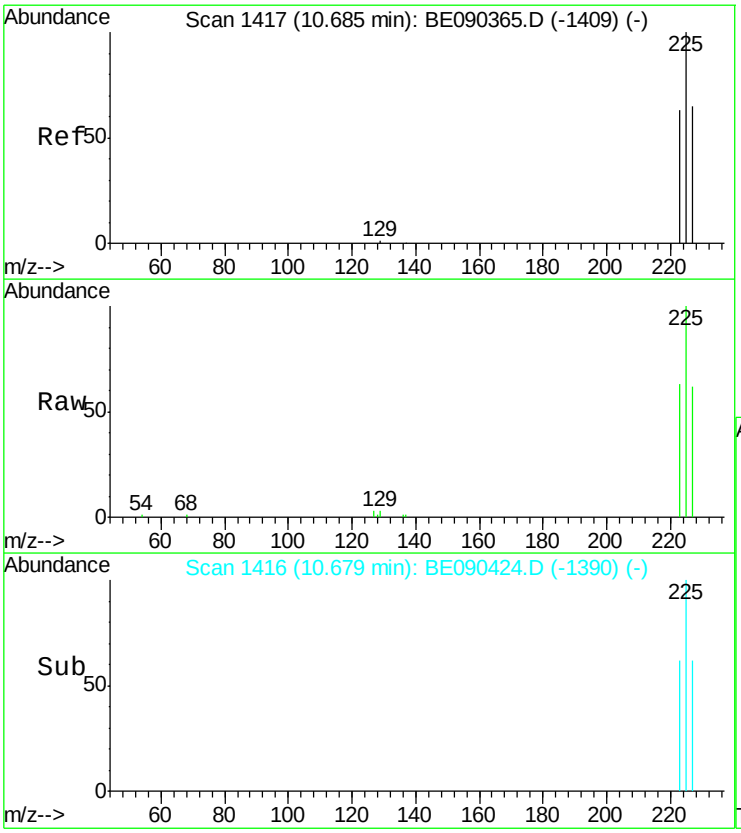
#9
Naphthalene
Concen: 2.95 ng
RT: 10.39 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:128 Resp: 79521

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.6
127	12.9	10.6	16.0

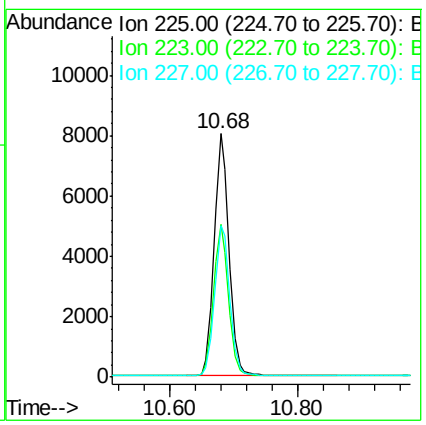


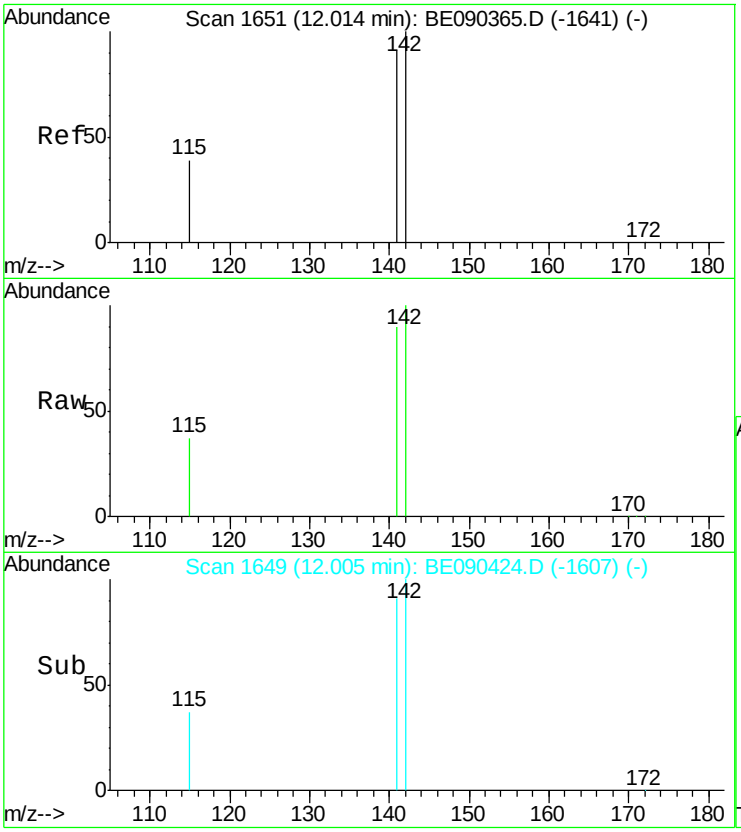


#10
Hexachlorobutadiene
Concen: 3.16 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:225 Resp: 12998

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	63.7	50.7	76.1



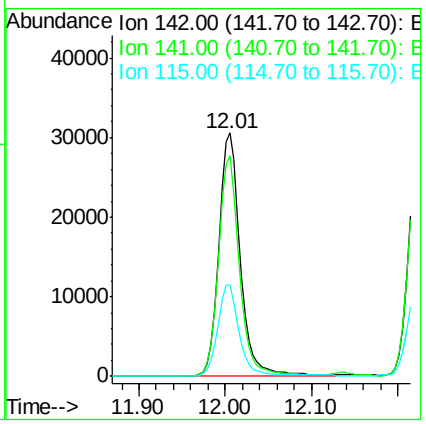


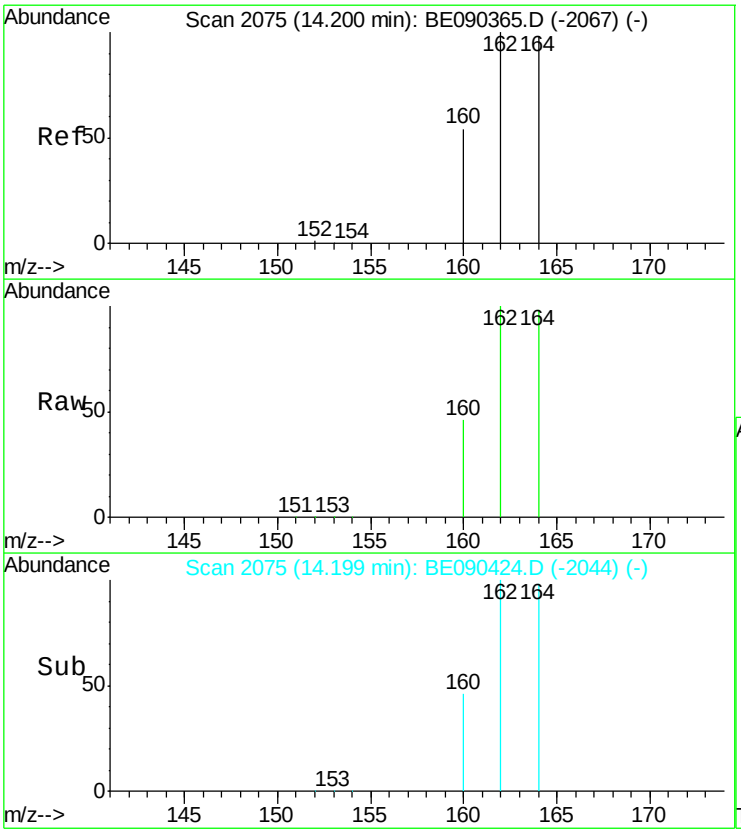
#11
2-Methylnaphthalene
Concen: 3.41 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:142 Resp: 53374

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	109.0
115	37.3	31.6	47.4

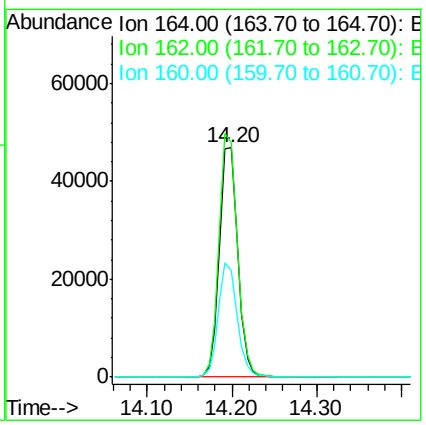


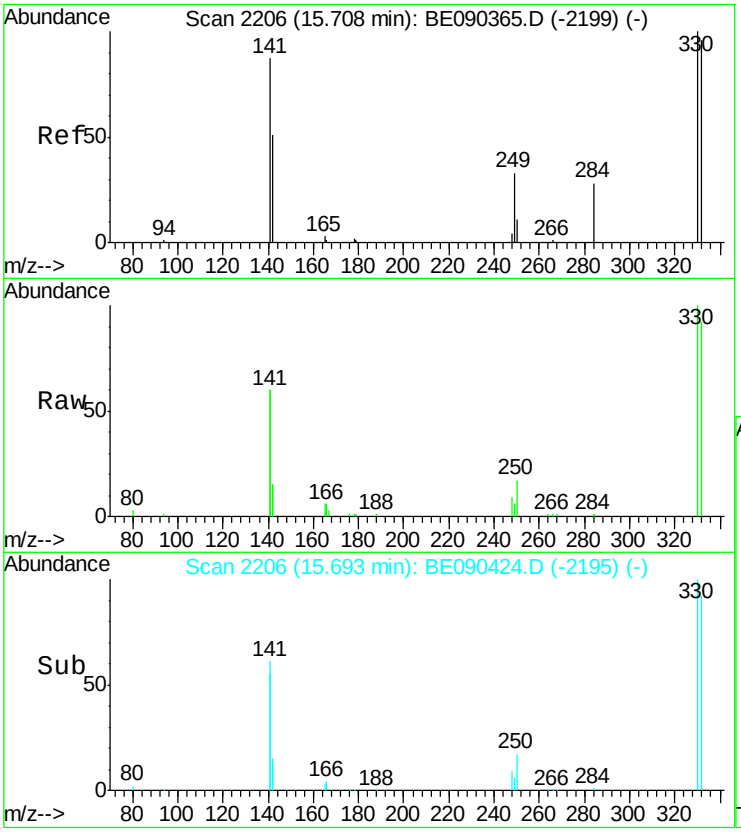


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:164 Resp: 71419

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	46.8	44.2	66.4



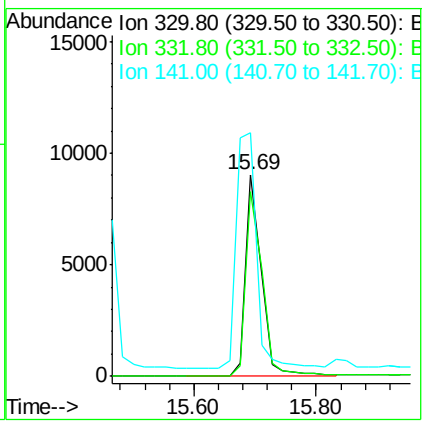


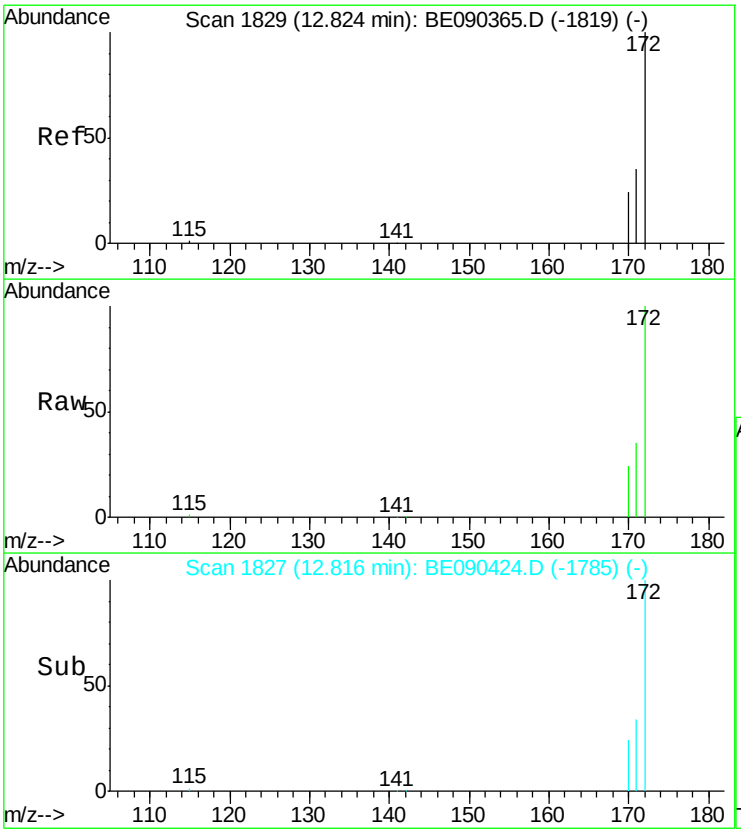
#13
2,4,6-Tribromophenol
Concen: 7.46 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:330 Resp: 15756

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.6
141	153.9	114.4	171.6

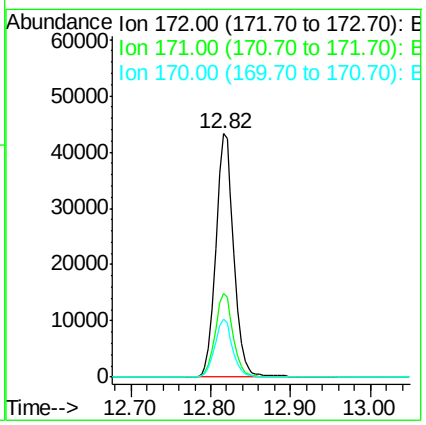


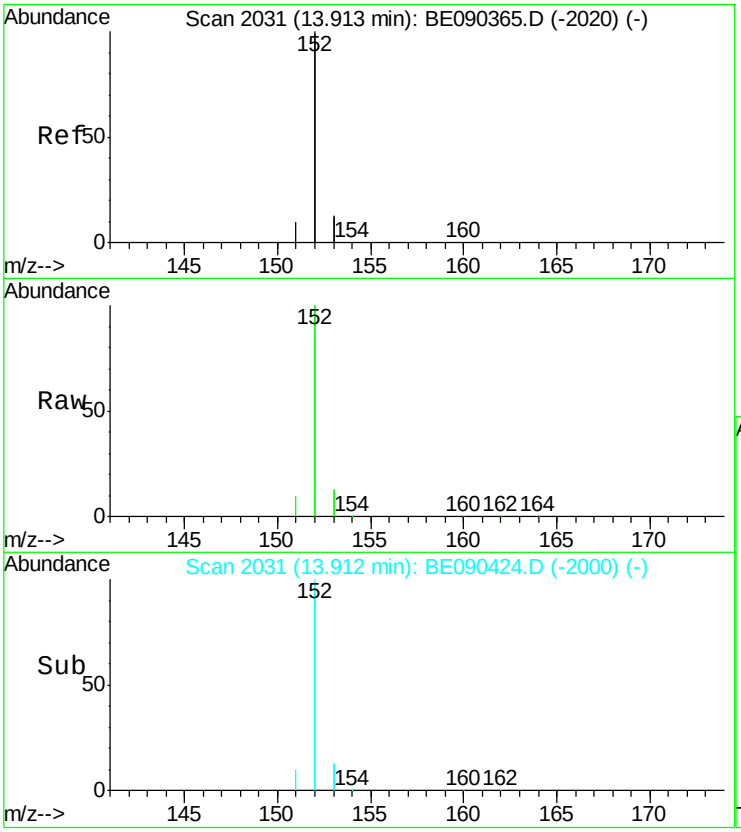


#14
2-Fluorobiphenyl
Concen: 3.41 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:172 Resp: 66929

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	24.0	19.8	29.8



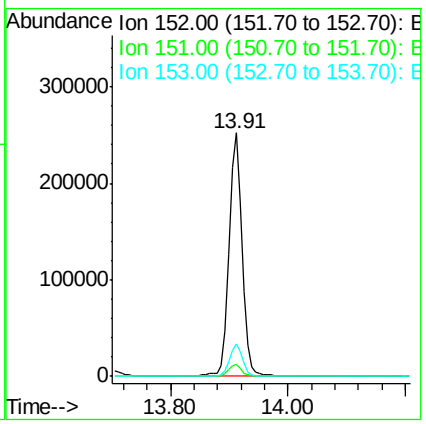


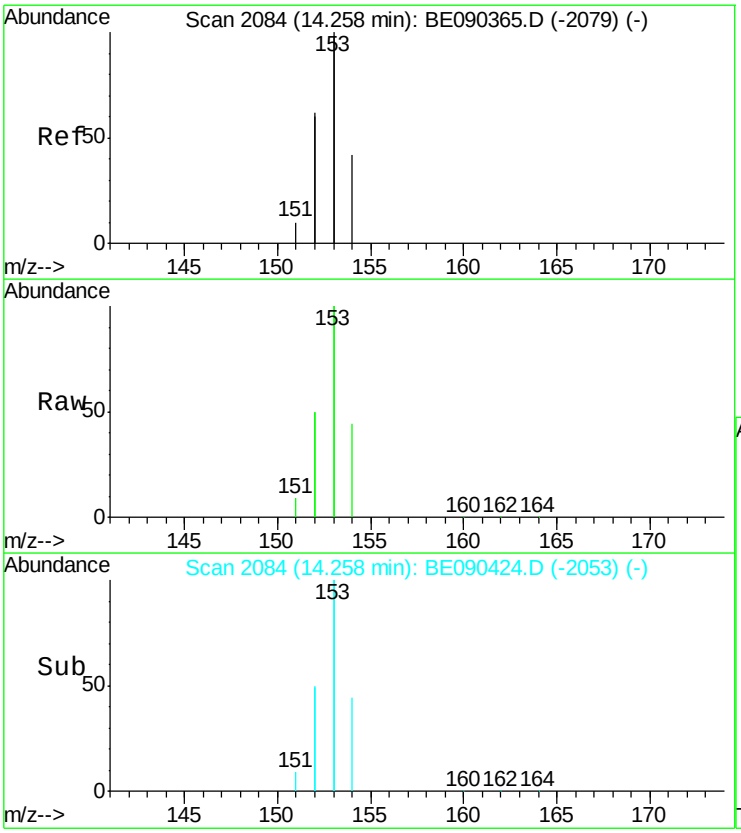
#15
Acenaphthylene
Concen: 3.34 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:152 Resp: 386755

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

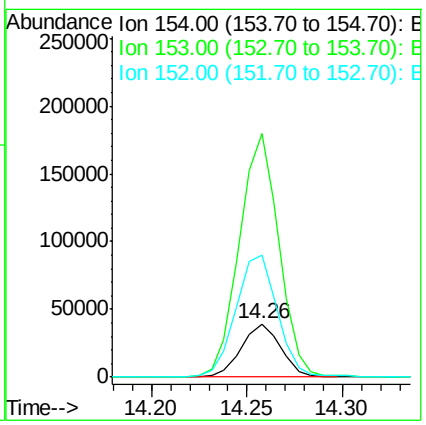


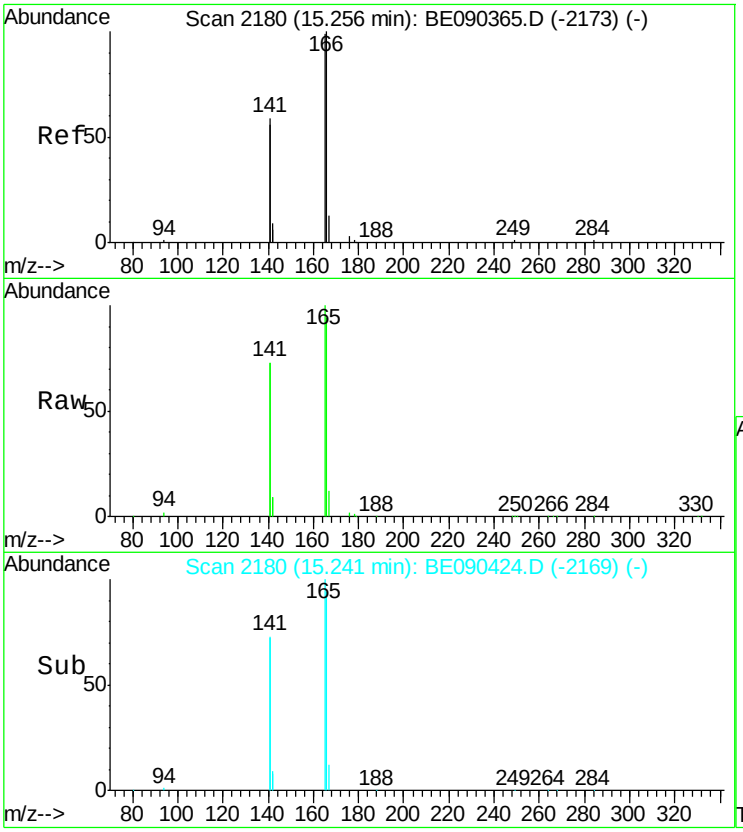


#16
Acenaphthene
Concen: 3.12 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:154 Resp: 56030

Ion	Ratio	Lower	Upper
154	100		
153	462.4	376.2	564.2
152	242.1	235.0	352.4



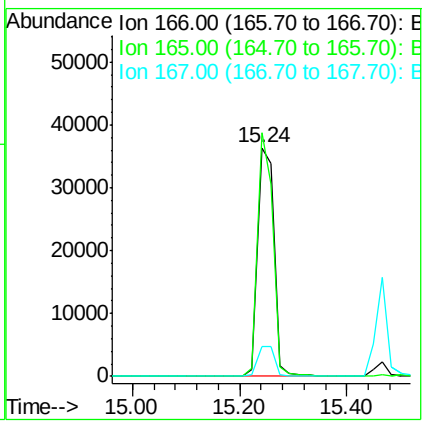


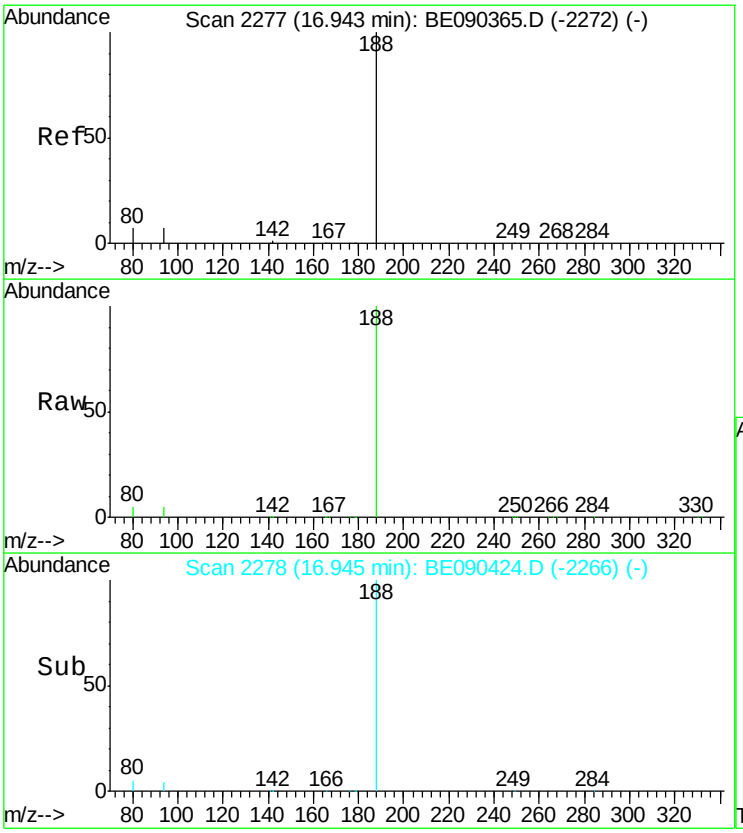
#17
Fluorene
Concen: 3.29 ng
RT: 15.24 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:166 Resp: 76924

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.5	122.3
167	13.5	11.4	17.0

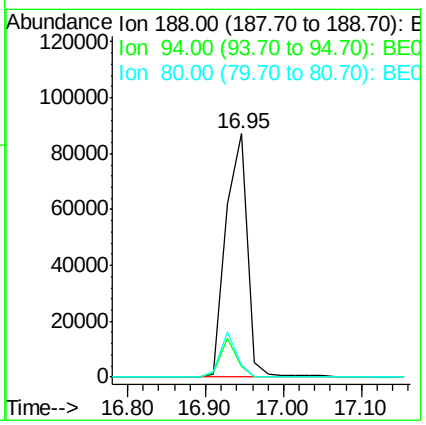


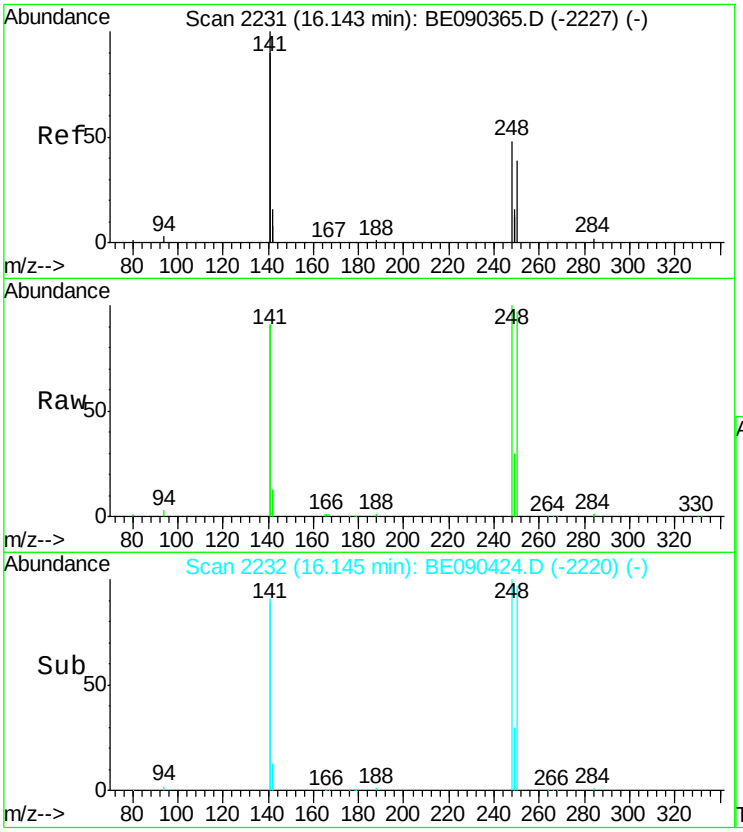


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:188 Resp: 165659

Ion	Ratio	Lower	Upper
188	100		
94	4.5	5.7	8.5#
80	4.6	5.8	8.8#



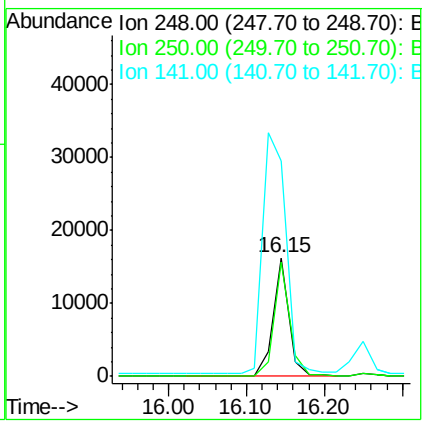


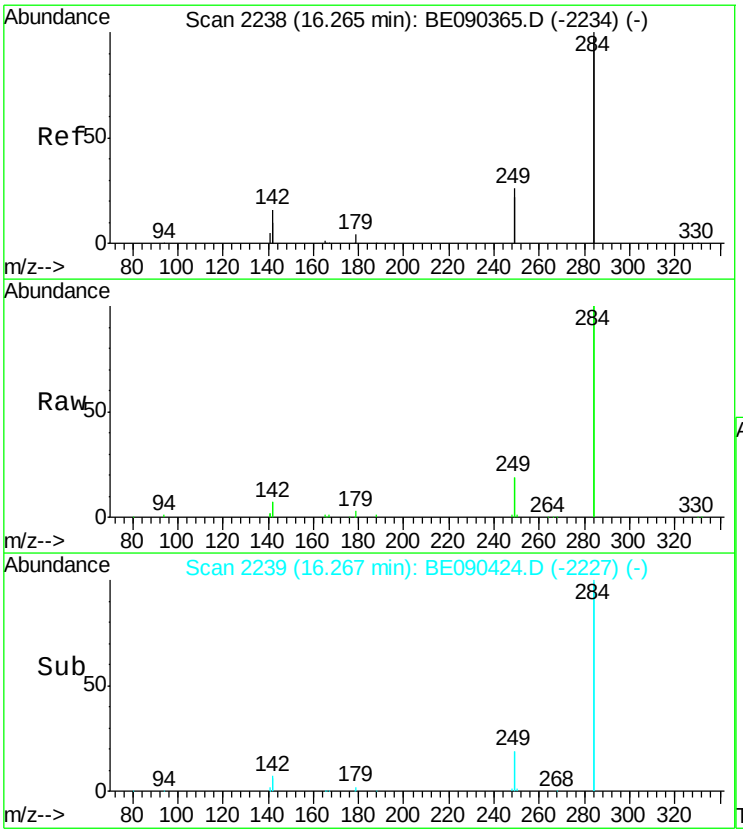
#19
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 16.15 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:248 Resp: 22730

Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.0	118.6
141	300.7	239.5	359.3

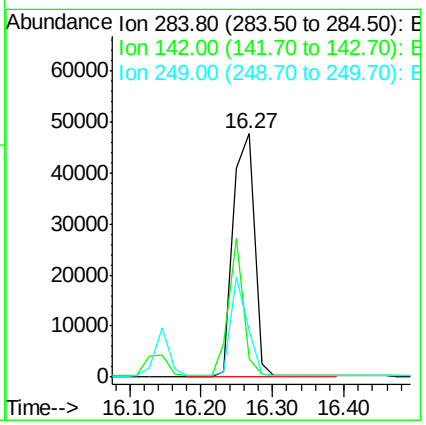


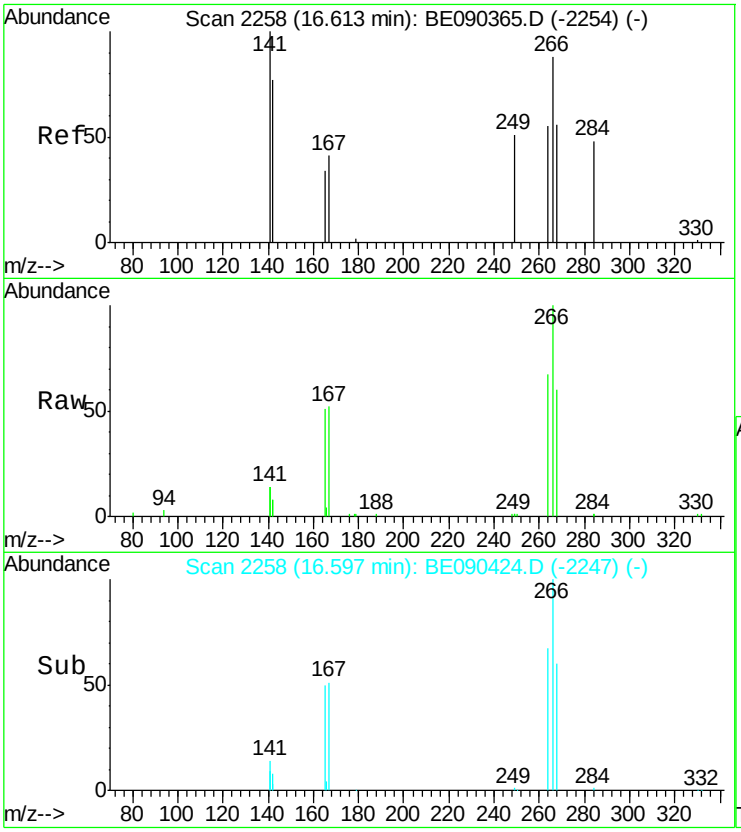


#20
Hexachlorobenzene
Concen: 2.89 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:284 Resp: 96116

Ion	Ratio	Lower	Upper
284	100		
142	40.0	30.1	45.1
249	32.3	25.7	38.5



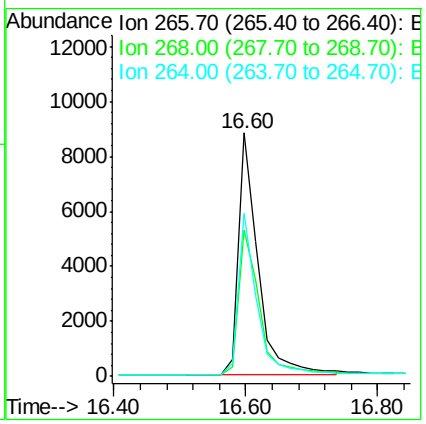


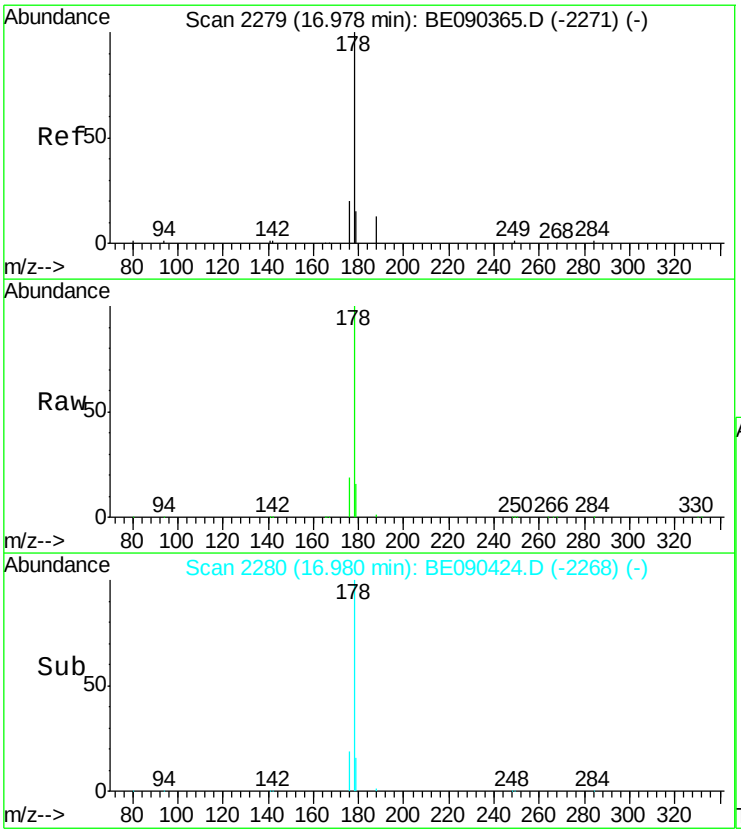
#21
Pentachlorophenol
Concen: 7.27 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:266 Resp: 18071

Ion	Ratio	Lower	Upper
266	100		
268	60.2	58.5	87.7
264	67.2	56.0	84.0

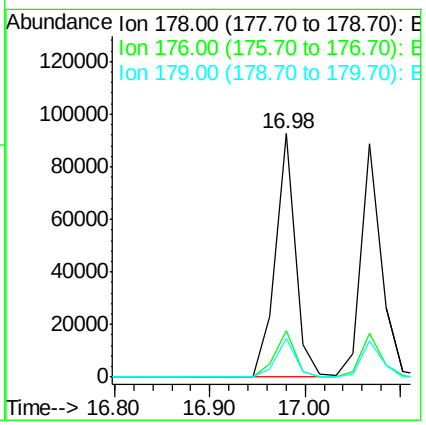


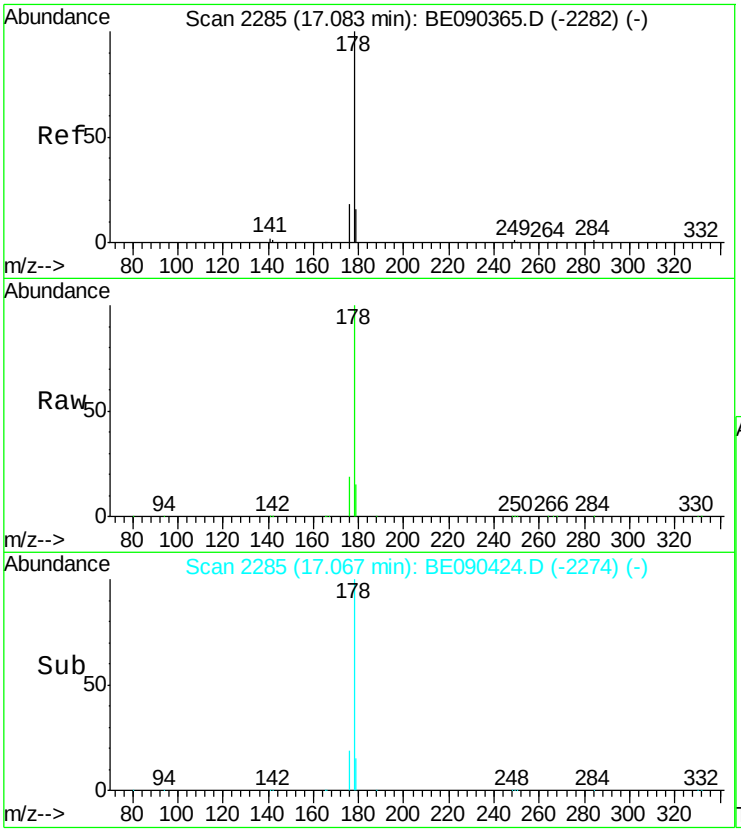


#22
Phenanthrene
Concen: 3.26 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:178 Resp: 134971

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.5	18.7



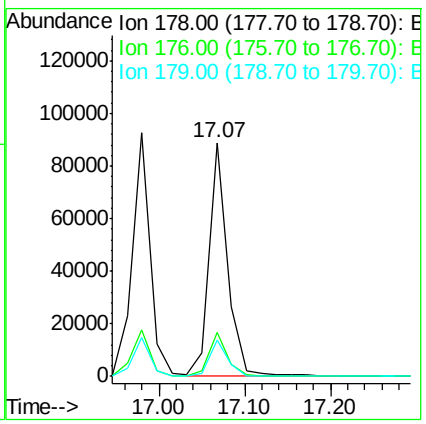


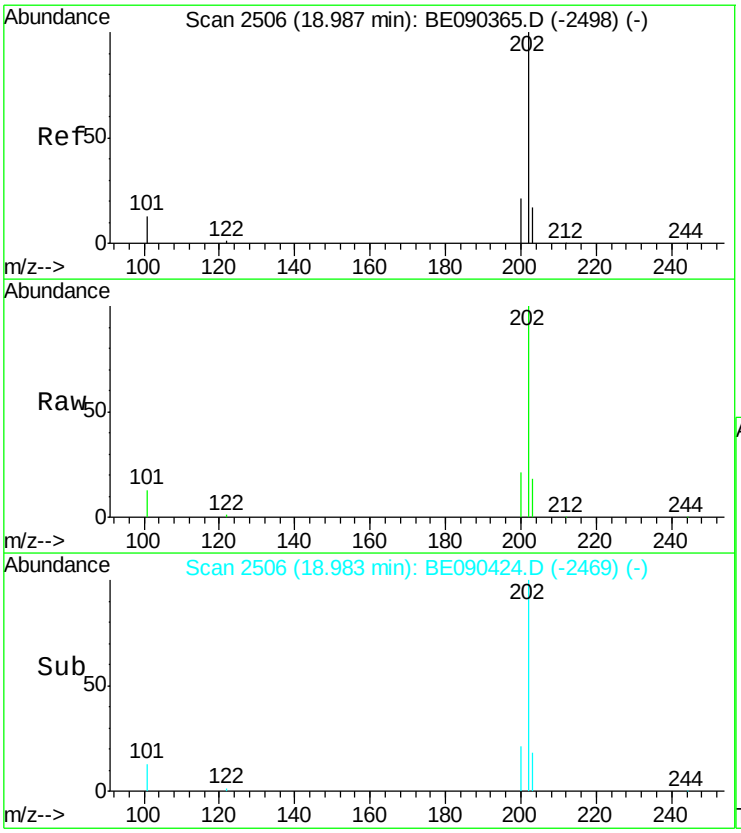
#23
Anthracene
Concen: 3.91 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:178 Resp: 133308

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.2	18.4

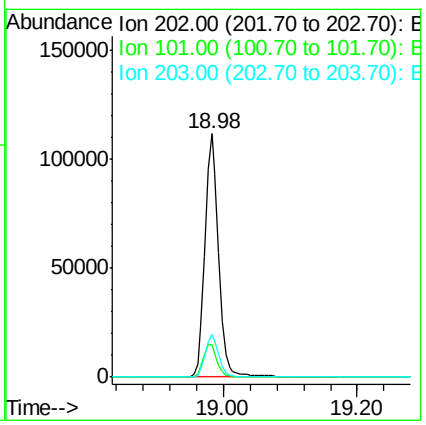


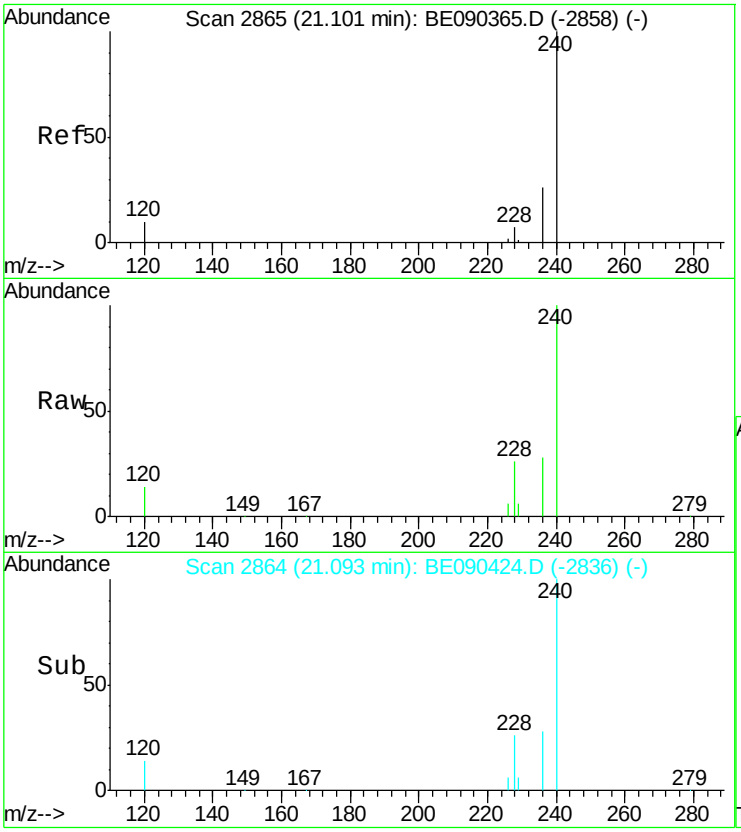


#24
Fluoranthene
Concen: 3.88 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:202 Resp: 158191

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
203	17.3	13.7	20.5



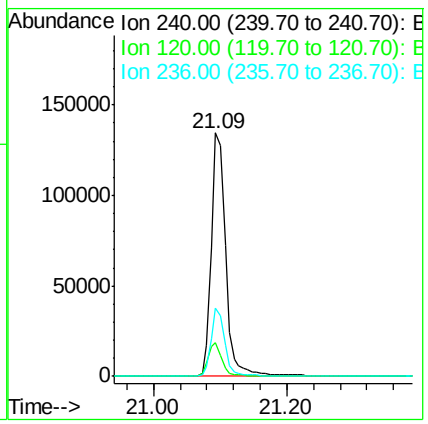


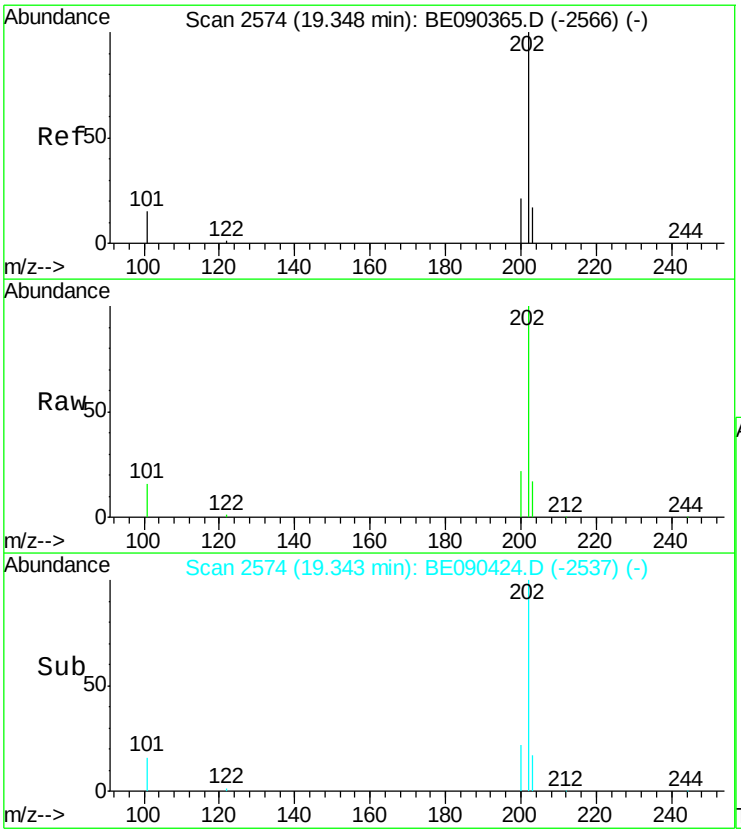
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:240 Resp: 198977

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.3	12.5#
236	27.9	21.0	31.4

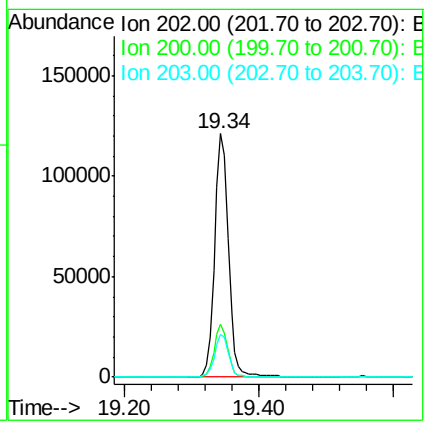


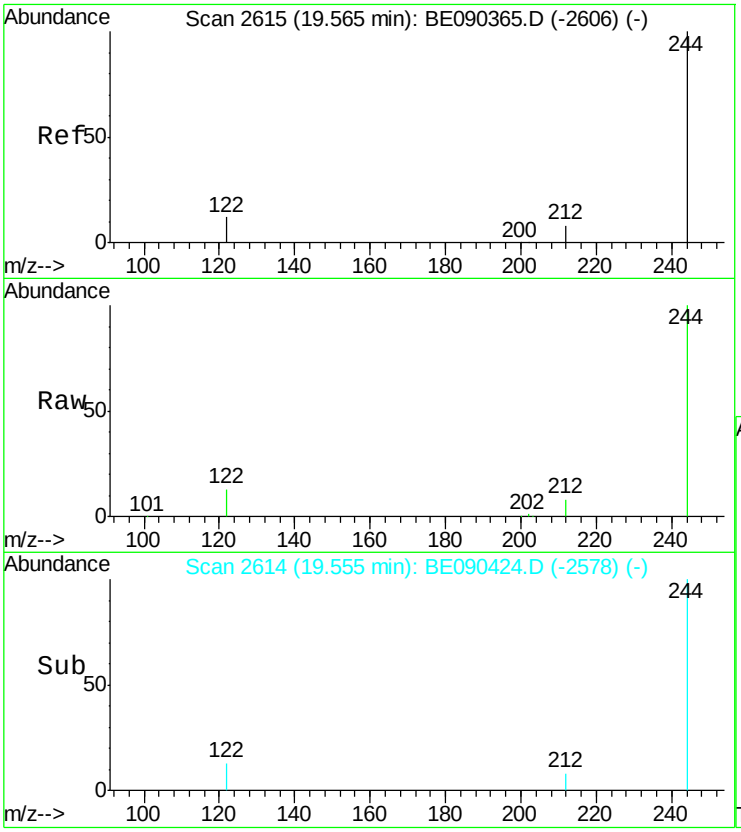


#26
Pyrene
Concen: 3.96 ng
RT: 19.34 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:202 Resp: 170720

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.0	13.8	20.8



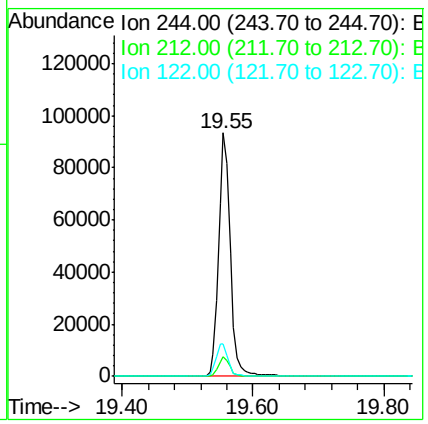


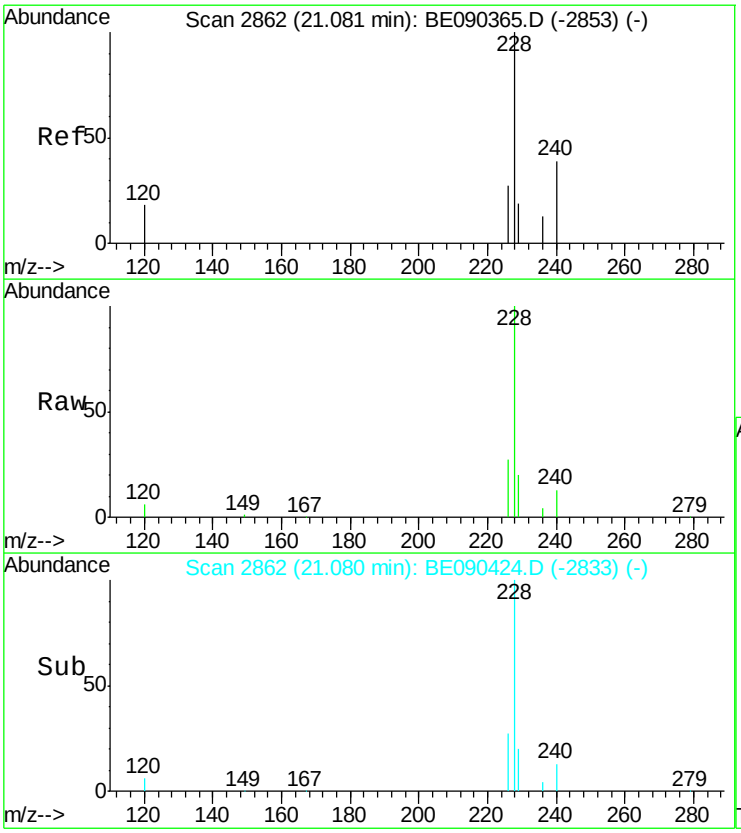
#27
Terphenyl-d14
Concen: 4.01 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:244 Resp: 117667

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	13.2	10.2	15.4

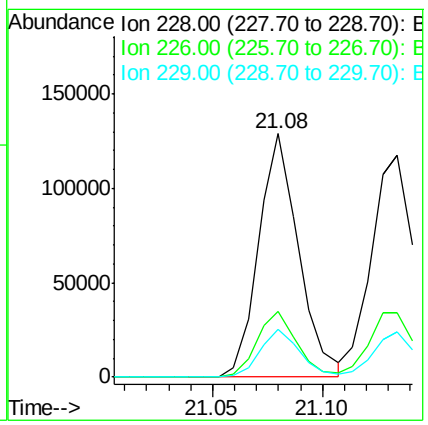


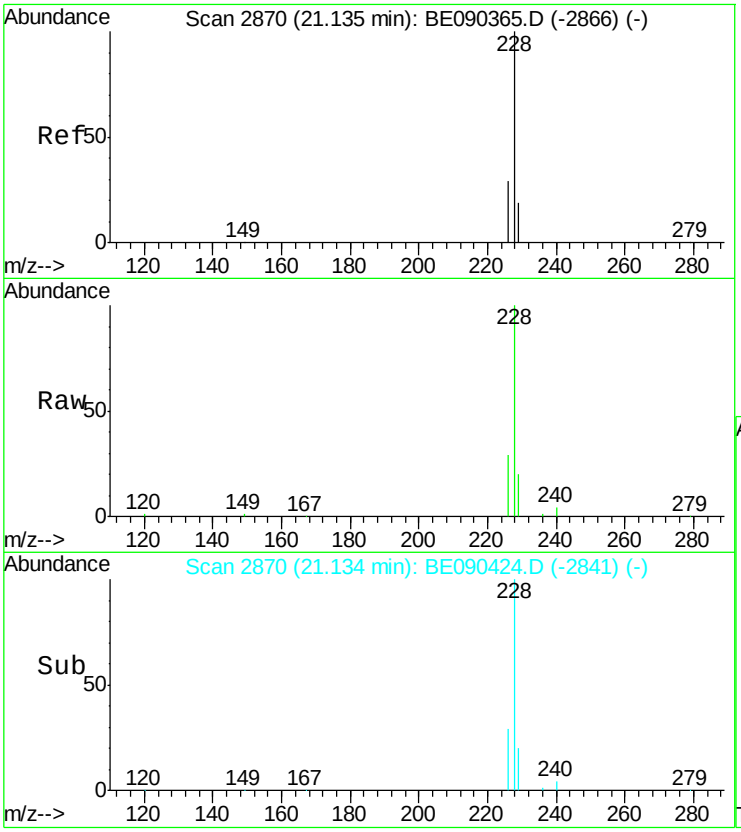


#28
Benzo(a)anthracene
Concen: 3.69 ng
RT: 21.08 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:228 Resp: 162812

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.6	15.4	23.0



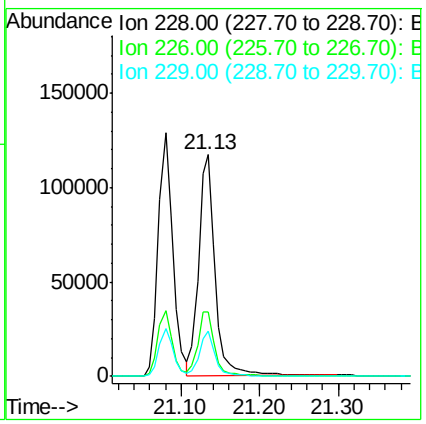


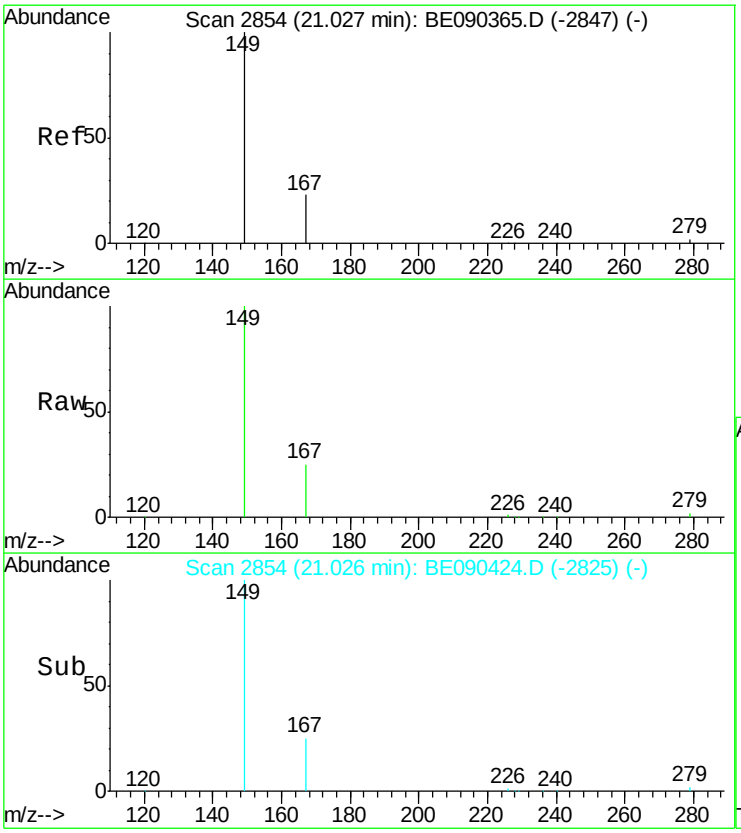
#29
Chrysene
Concen: 3.23 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:228 Resp: 172044

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	20.4	15.8	23.8

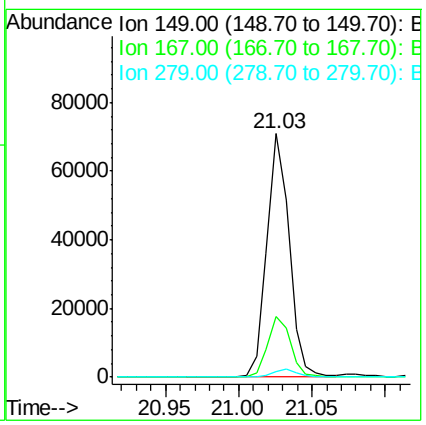


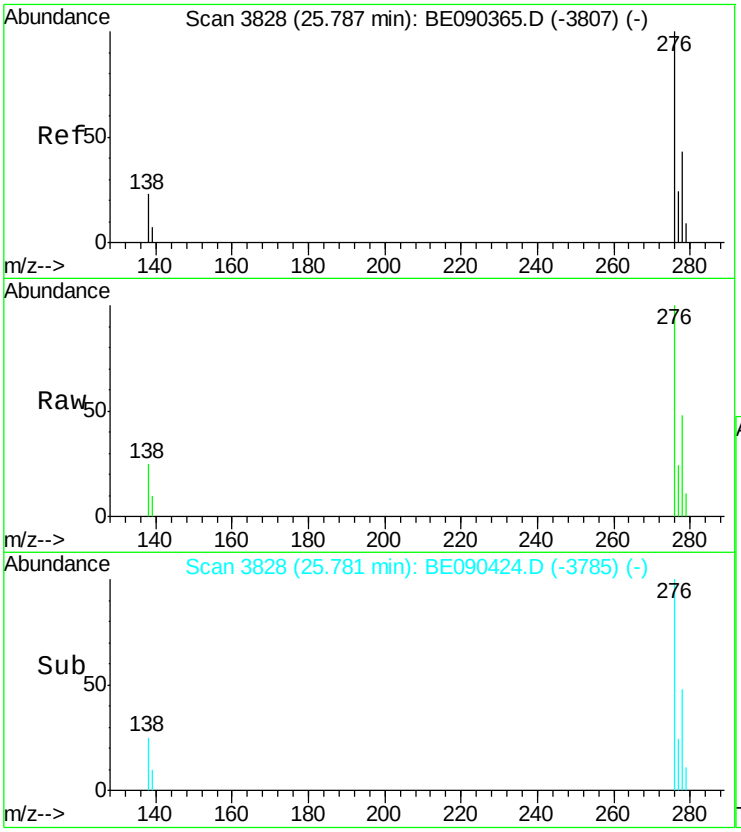


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.76 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:149 Resp: 74530

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.8	29.8
279	3.1	2.4	3.6



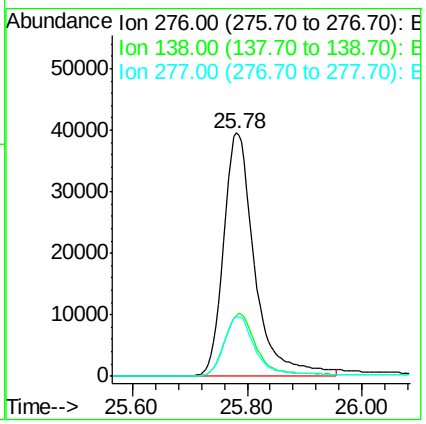


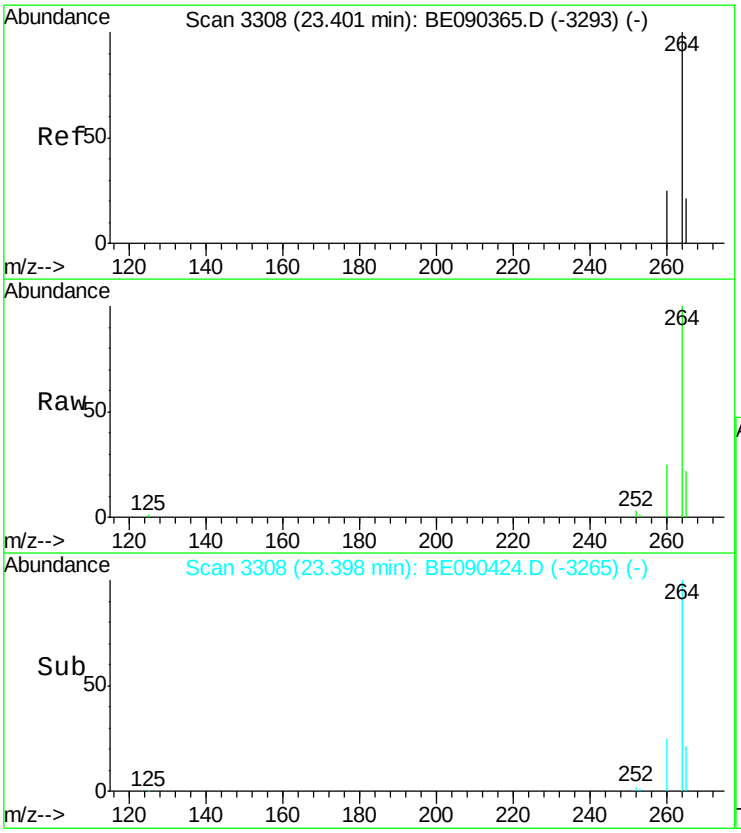
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng
RT: 25.78 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:276 Resp: 150433

Ion	Ratio	Lower	Upper
276	100		
138	26.6	18.8	28.2
277	24.7	18.2	27.4

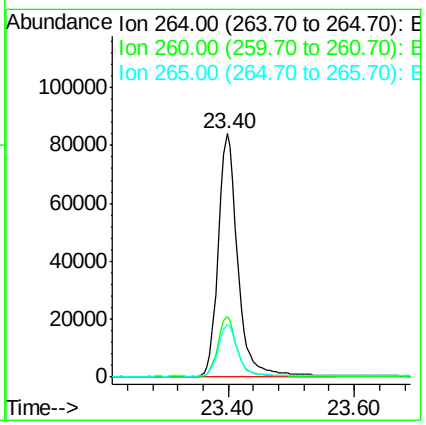


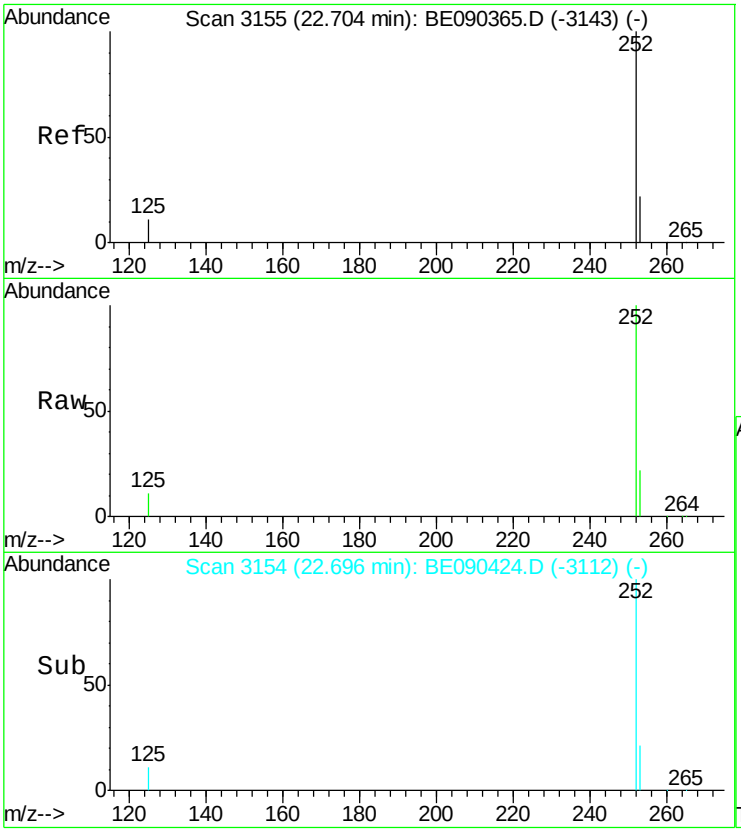


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:264 Resp: 181810

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.8	17.2	25.8



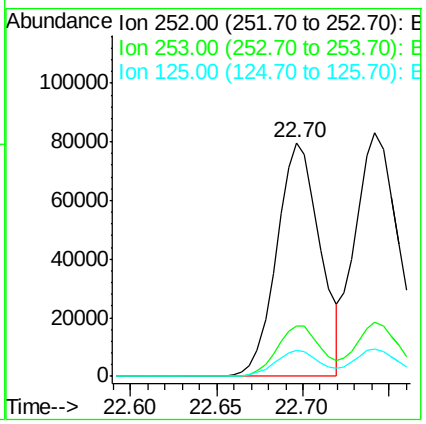


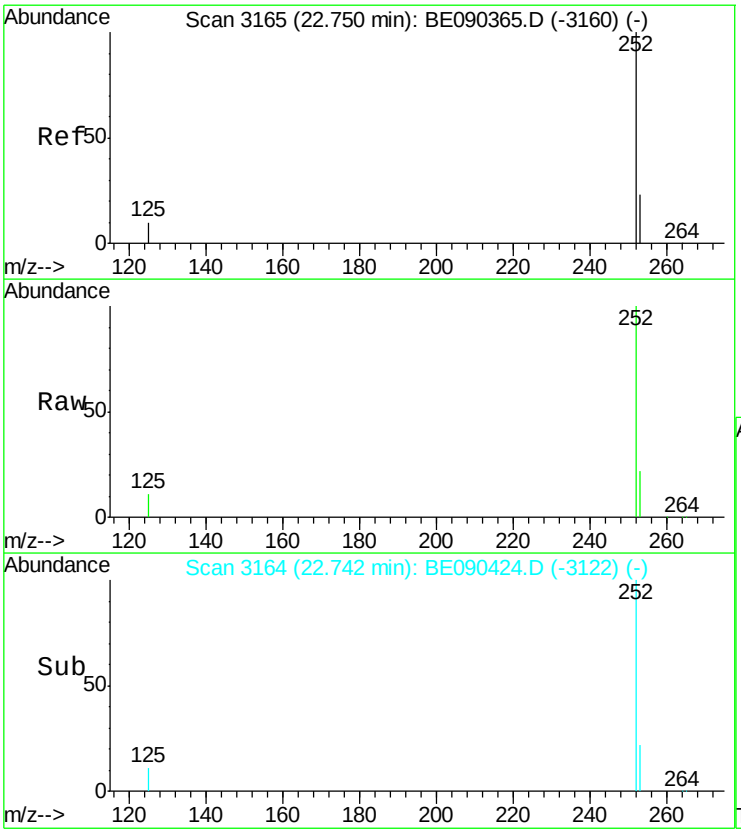
#33
Benzo(b)fluoranthene
Concen: 3.45 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:252 Resp: 139046

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.4	9.4	14.2

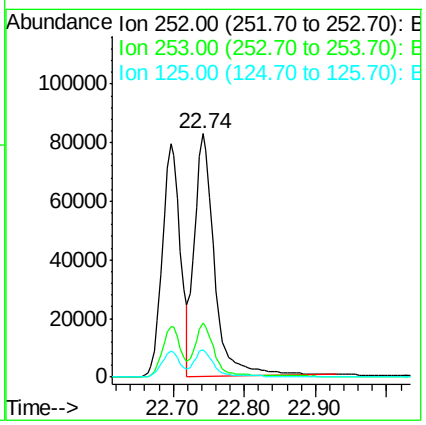


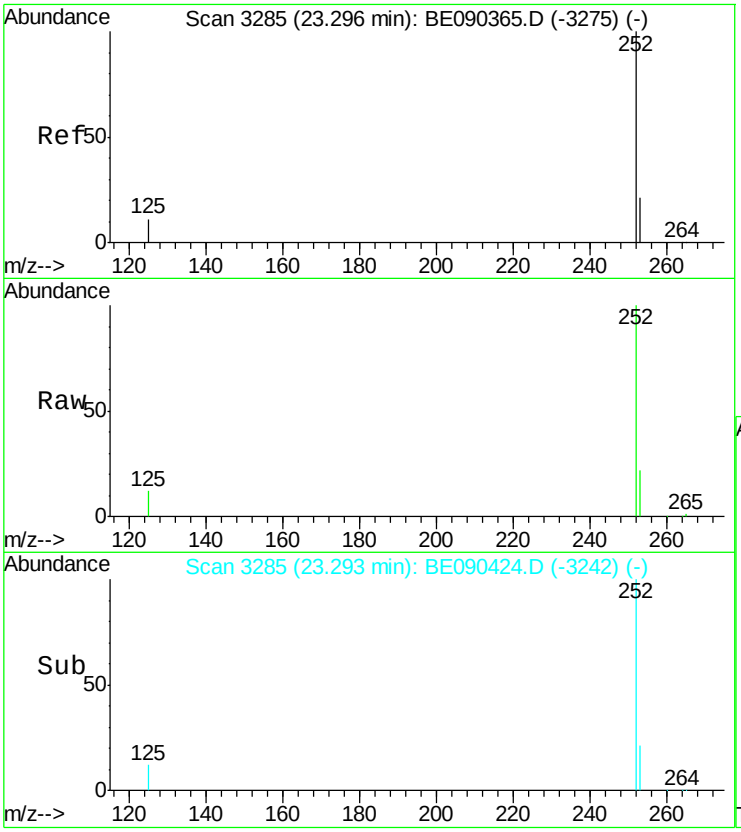


#34
Benzo(k)fluoranthene
Concen: 3.15 ng
RT: 22.74 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:252 Resp: 159537

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.1	9.1	13.7



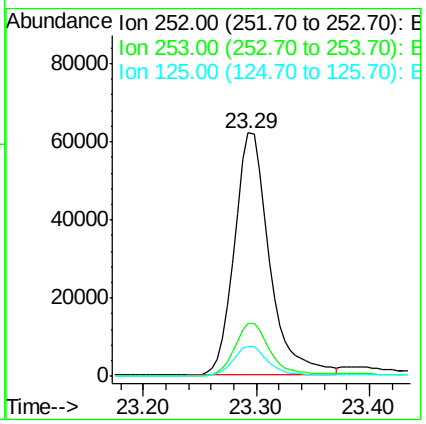


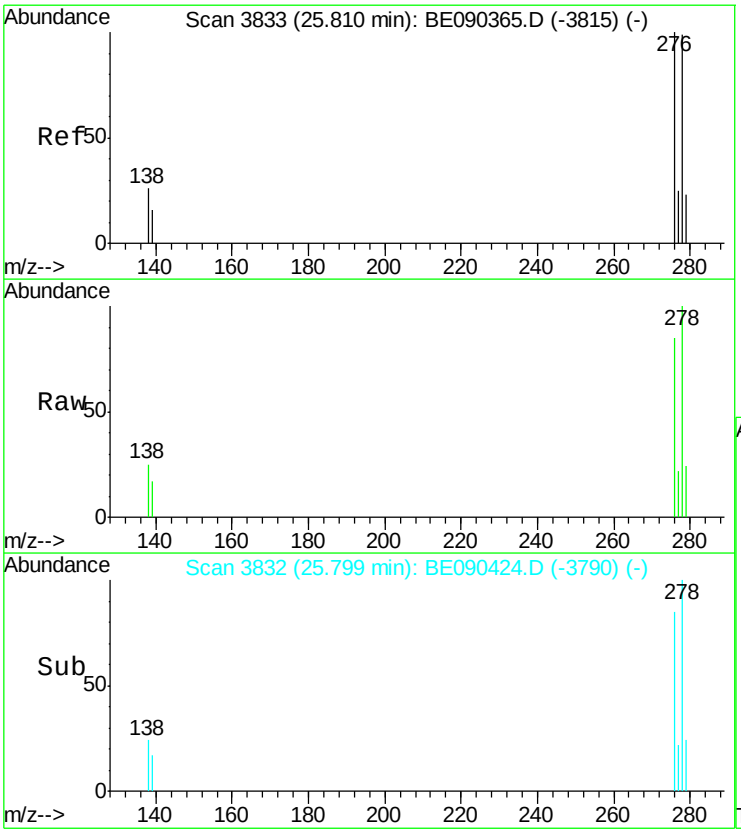
#35
Benzo(a)pyrene
Concen: 3.43 ng
RT: 23.29 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:252 Resp: 130481

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	12.3	9.8	14.6

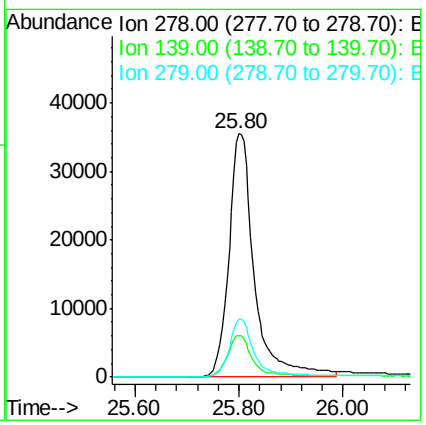


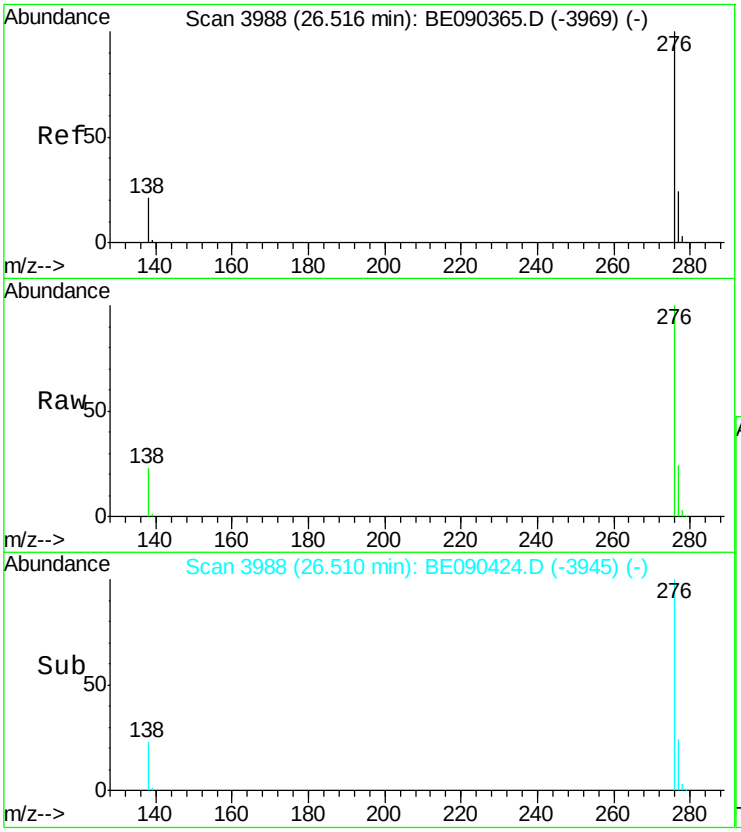


#36
Dibenzo(a,h)anthracene
Concen: 3.26 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Tgt Ion:278 Resp: 120007

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.2	21.4
279	23.9	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 3.96 ng
RT: 26.51 min Scan# 3988
Delta R.T. -0.01 min
Lab File: BE090424.D
Acq: 11 Aug 2015 5:13

Instrument :
BNA_E
ClientSampleId :
PB84906BS

Tgt Ion:276 Resp: 132880

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	23.0	18.1	27.1