Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080415\
Data File : BE090345.D
Acq On : 4 Aug 2015 16:13
Operator : TP/UM
Sample : G3174-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 080115-D506-E-D-M

Quant Time: Aug 04 17:07:20 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4918	5.00	ng		-0.01
6) Naphthalene-d8	10.35	136	23239	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	12145	5.00	ng		-0.01
18) Phenanthrene-d10	16.94	188	27403	5.00	ng		0.00
25) Chrysene-d12	21.10	240	28077	5.00	ng		-0.01
32) Perylene-d12	23.41	264	26532	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2631	2.80	ng		-0.01
5) Phenol-d6	6.77	99	1969	1.70	ng		0.00
7) Nitrobenzene-d5	8.73	82	5233	3.81	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1484	6.49	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	14024	3.98	ng		-0.01
27) Terphenyl-d14	19.56	244	22234	4.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	37	Below Cal		#	36
3) n-Nitrosodimethylamine	3.50	42	25	0.03	ng	#	1
8) Nitrobenzene	8.77	77	93	0.07	ng	#	88
9) Naphthalene	10.39	128	516	0.10	ng	#	67
10) Hexachlorobutadiene	10.69	225	35	0.05	ng		90
11) 2-Methylnaphthalene	12.02	142	369	0.12	ng	#	92
15) Acenaphthylene	13.92	152	2821	0.13	ng		99
16) Acenaphthene	14.26	154	419	0.14	ng		96
17) Fluorene	15.26	166	556	0.15	ng		95
19) 4-Bromophenyl-phenylether	16.14	248	145	0.14	ng		92
20) Hexachlorobenzene	16.27	284	526	0.14	ng		96
21) Pentachlorophenol	16.61	266	854	3.63	ng	#	83
22) Phenanthrene	17.08	178	619	0.10	ng		97
23) Anthracene	17.08	178	723	0.13	ng		98
24) Fluoranthene	18.99	202	952	0.15	ng		98
26) Pyrene	19.35	202	1010	0.13	ng		99
28) Benzo(a)anthracene	21.09	228	836	0.16	ng	#	91
29) Chrysene	21.13	228	956	0.09	ng		92
30) Bis(2-ethylhexyl)phthalate	21.03	149	746	0.56	ng		98
31) Indeno(1,2,3-cd)pyrene	25.80	276	590	0.32	ng		96
33) Benzo(b)fluoranthene	22.71	252	632	0.47	ng	#	79
34) Benzo(k)fluoranthene	22.75	252	718	0.10	ng	#	72
35) Benzo(a)pyrene	23.30	252	578	0.42	ng	#	75
36) Dibenzo(a,h)anthracene	25.81	278	372	0.34	ng	#	72
37) Benzo(g,h,i)perylene	26.53	276	626	0.36	ng	#	77

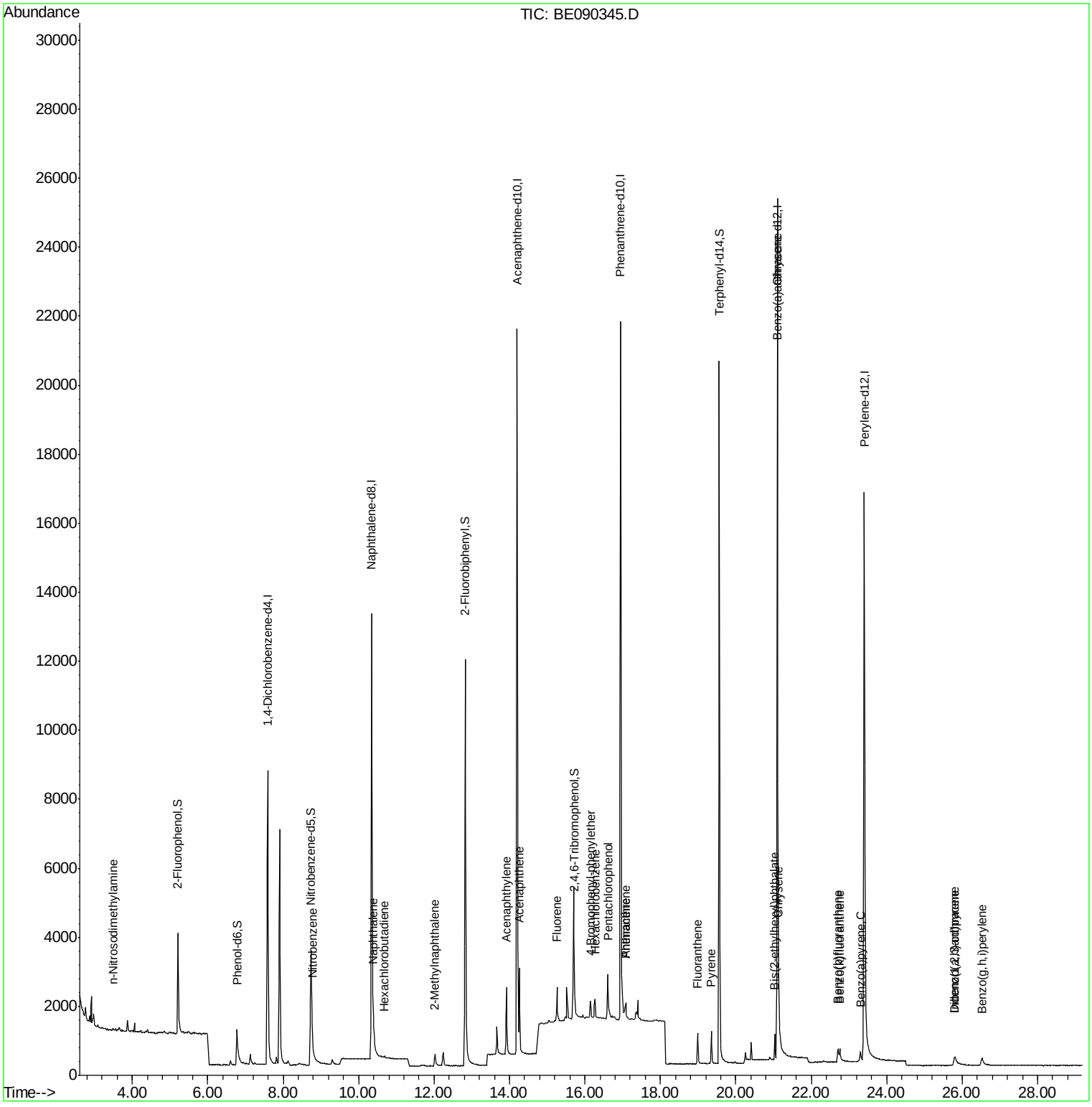
(#) = qualifier out of range (m) = manual integration (+) = signals summed

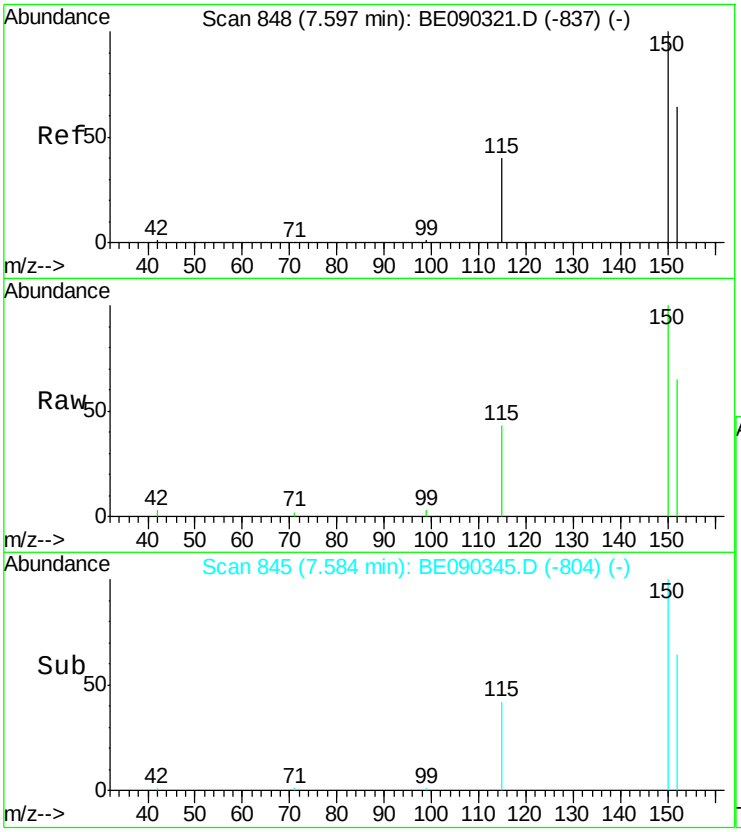
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080415\
Data File : BE090345.D
Acq On : 4 Aug 2015 16:13
Operator : TP/UM
Sample : G3174-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Quant Time: Aug 04 17:07:20 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration



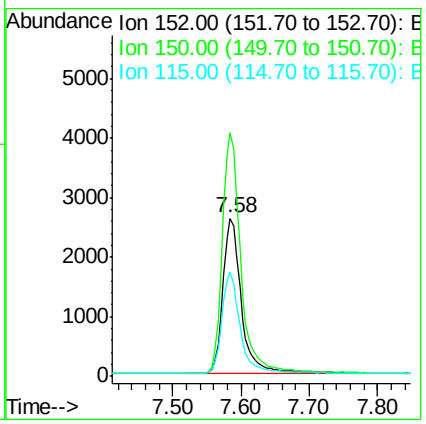


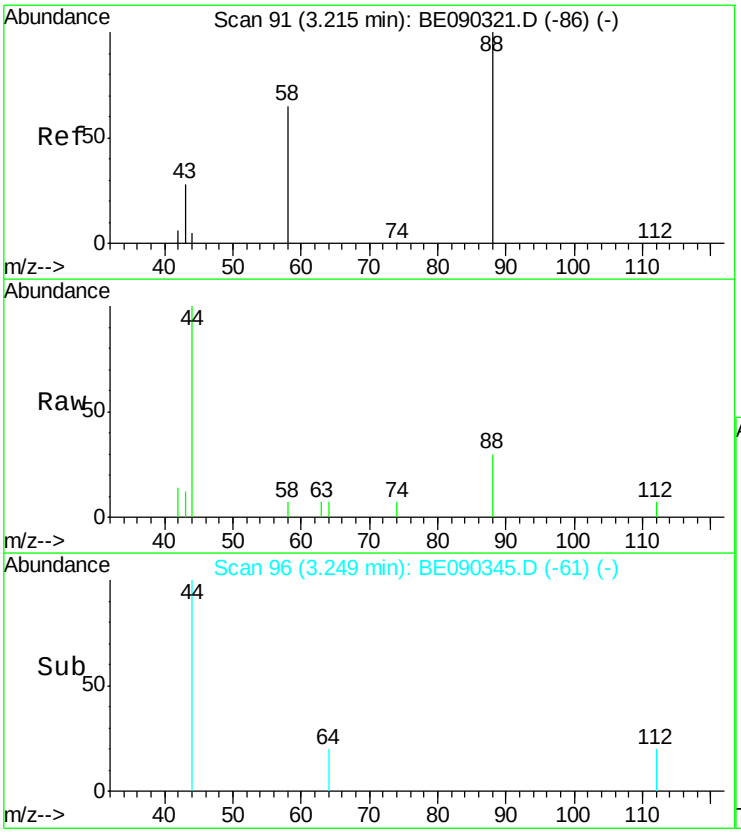
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:152 Resp: 4918

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	65.7	50.4	75.6

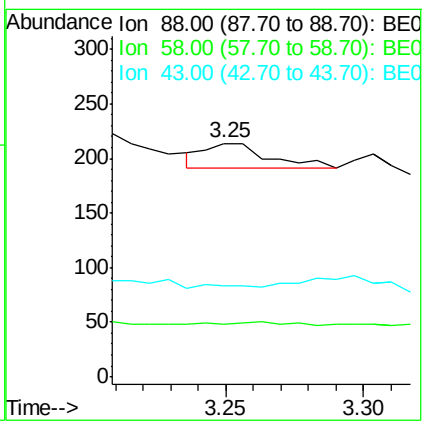


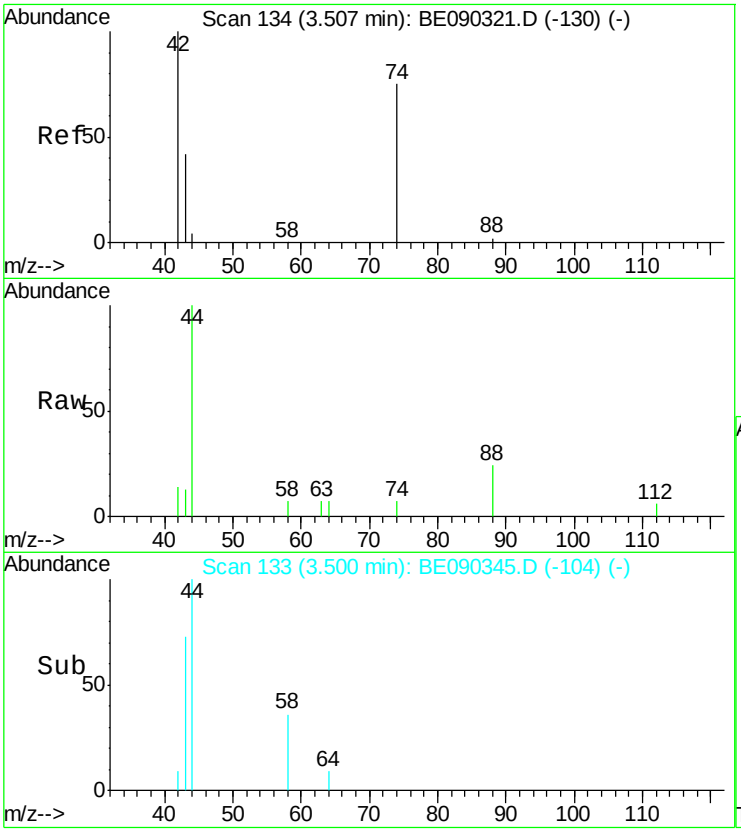


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.25 min Scan# 96
Delta R.T. 0.04 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion: 88 Resp: 37

Ion	Ratio	Lower	Upper
88	100		
58	10.8	50.2	75.2#
43	0.0	25.0	37.6#



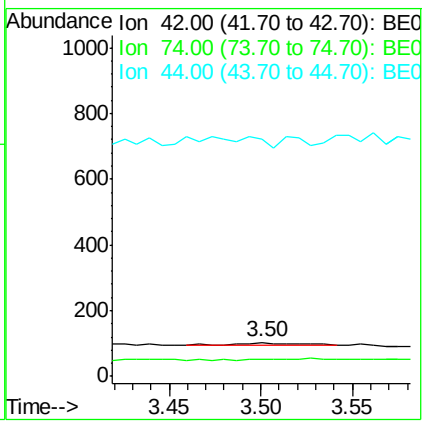


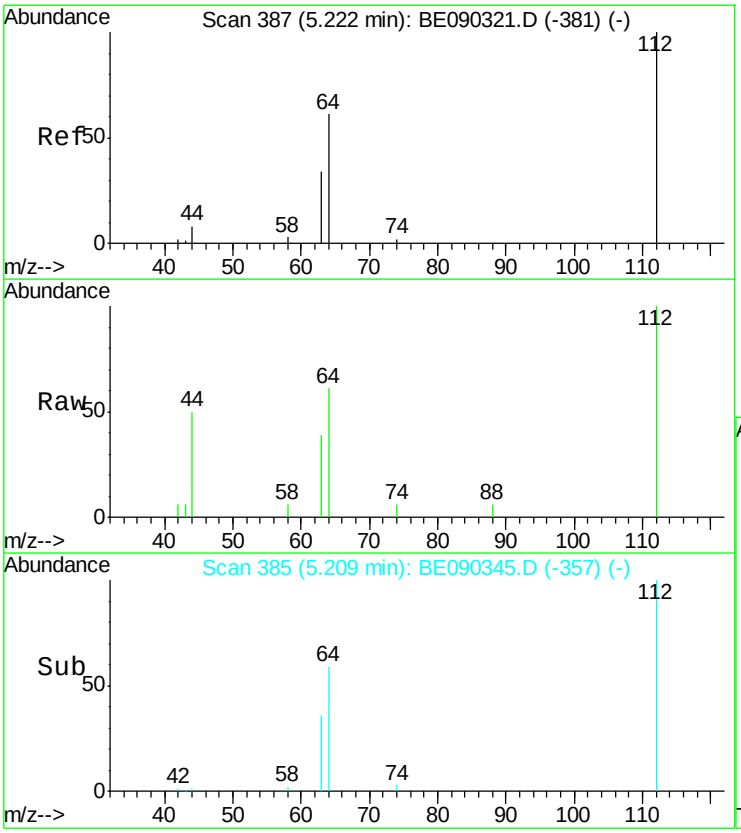
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
74	0.0	73.2	109.8#
44	124.0	3.8	5.6#

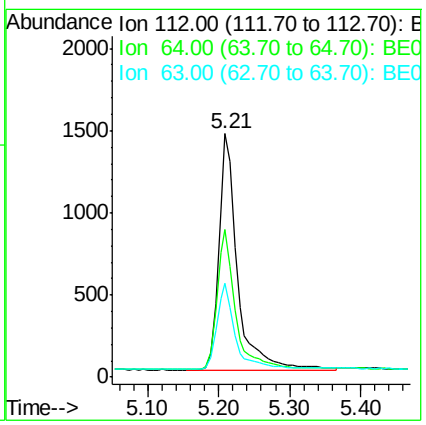


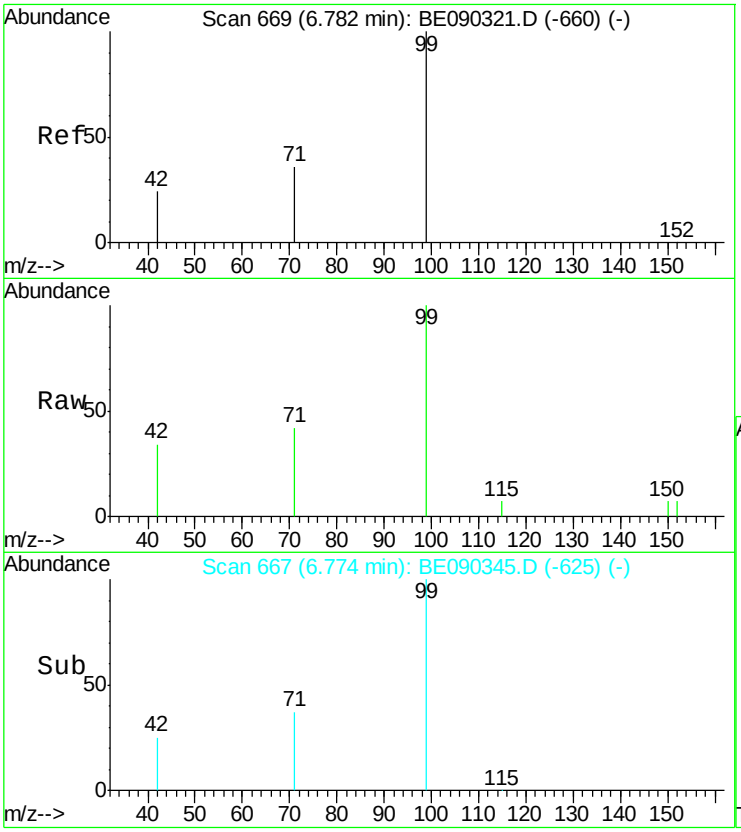


#4
2-Fluorophenol
Concen: 2.80 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:112 Resp: 2631

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.0	73.4
63	34.9	27.7	41.5



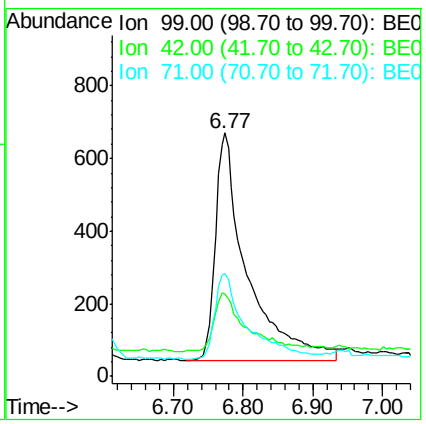


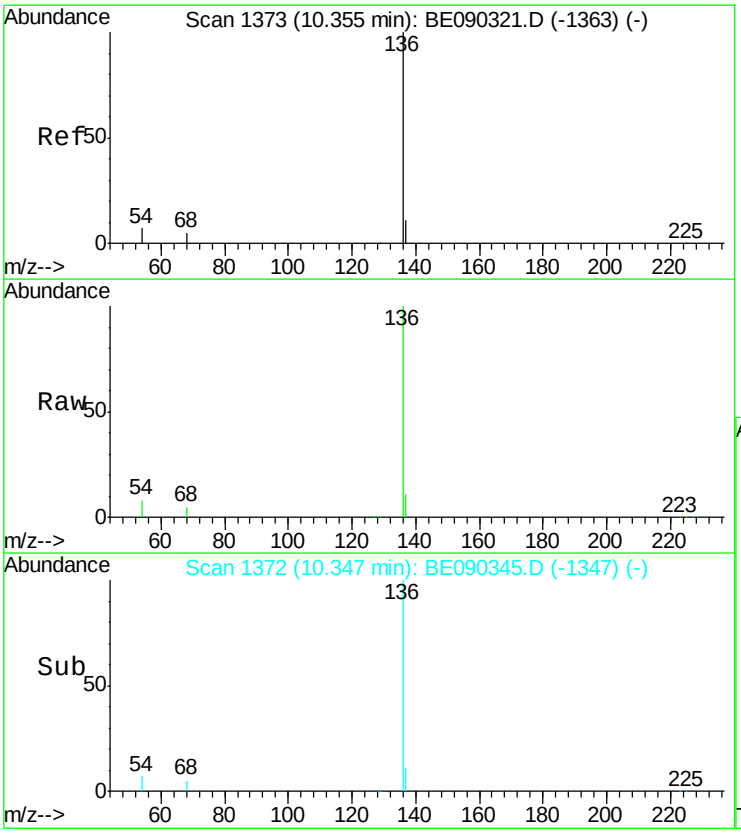
#5
Phenol-d6
Concen: 1.70 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion: 99 Resp: 1969

Ion	Ratio	Lower	Upper
99	100		
42	25.9	22.2	33.2
71	38.9	29.2	43.8

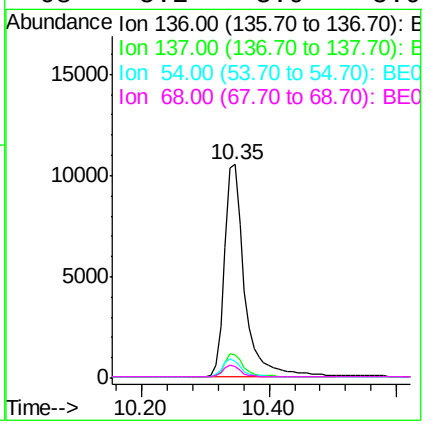


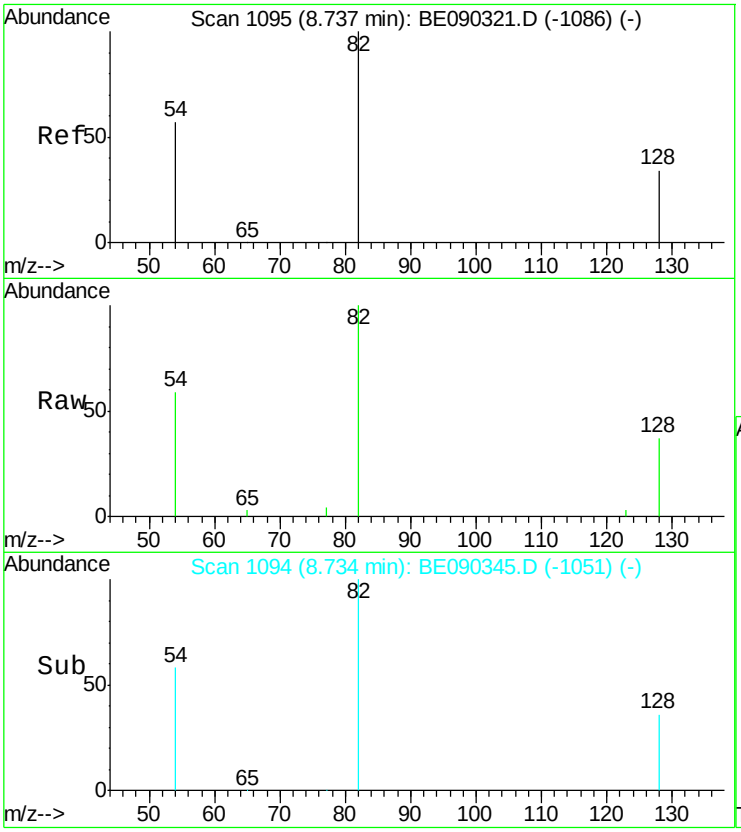


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:136 Resp: 23239

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.0	9.0
68	5.2	3.9	5.9



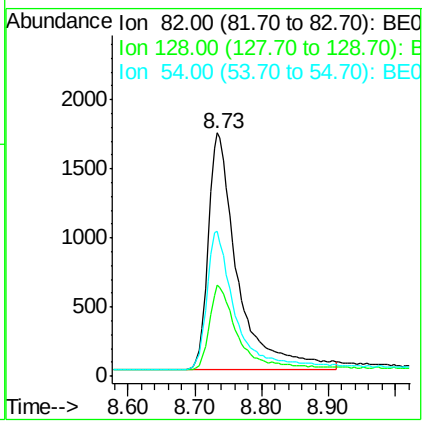


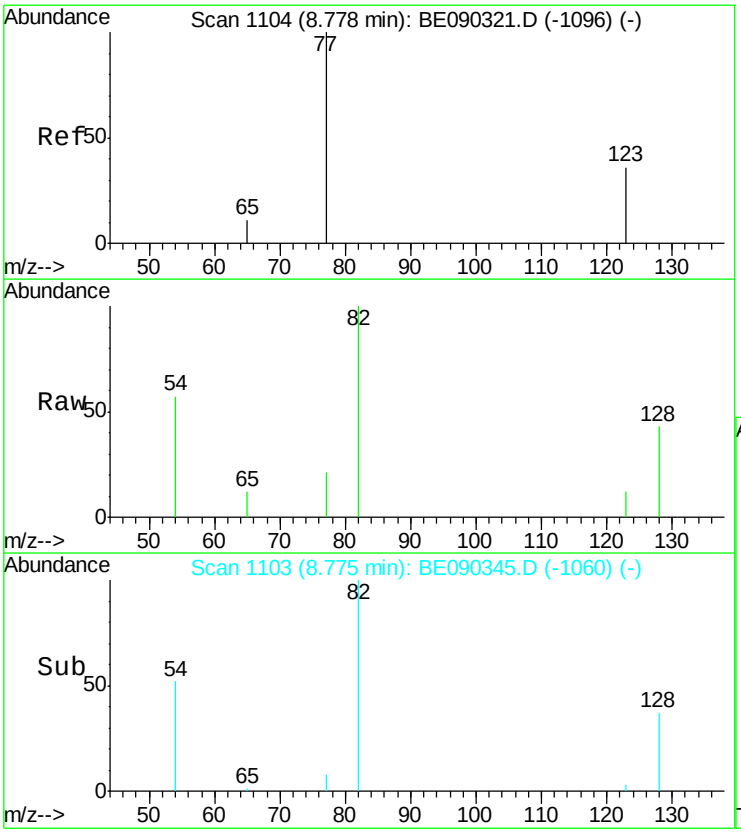
#7
Nitrobenzene-d5
Concen: 3.81 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion: 82 Resp: 5233

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.8	46.2
54	59.4	47.5	71.3

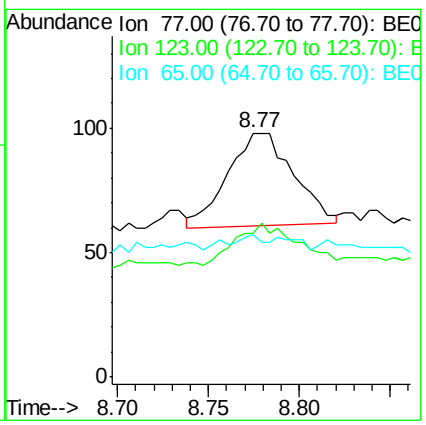


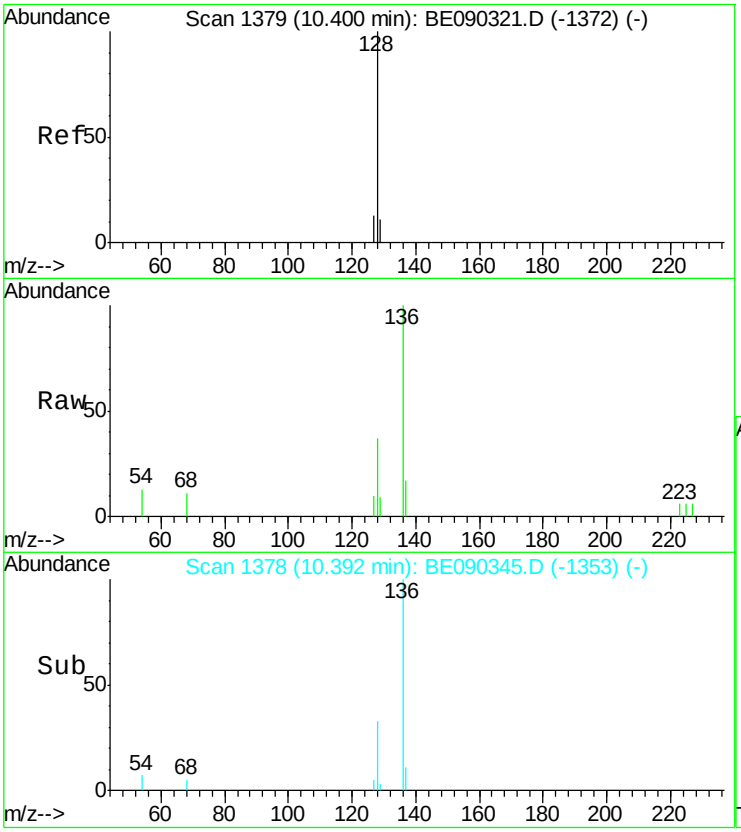


#8
Nitrobenzene
Concen: 0.07 ng
RT: 8.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion: 77 Resp: 93

Ion	Ratio	Lower	Upper
77	100		
123	43.0	29.6	44.4
65	5.4	10.4	15.6#



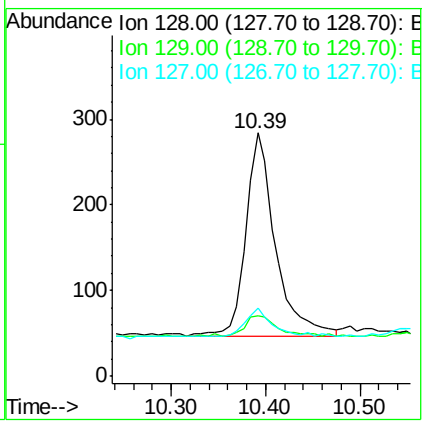


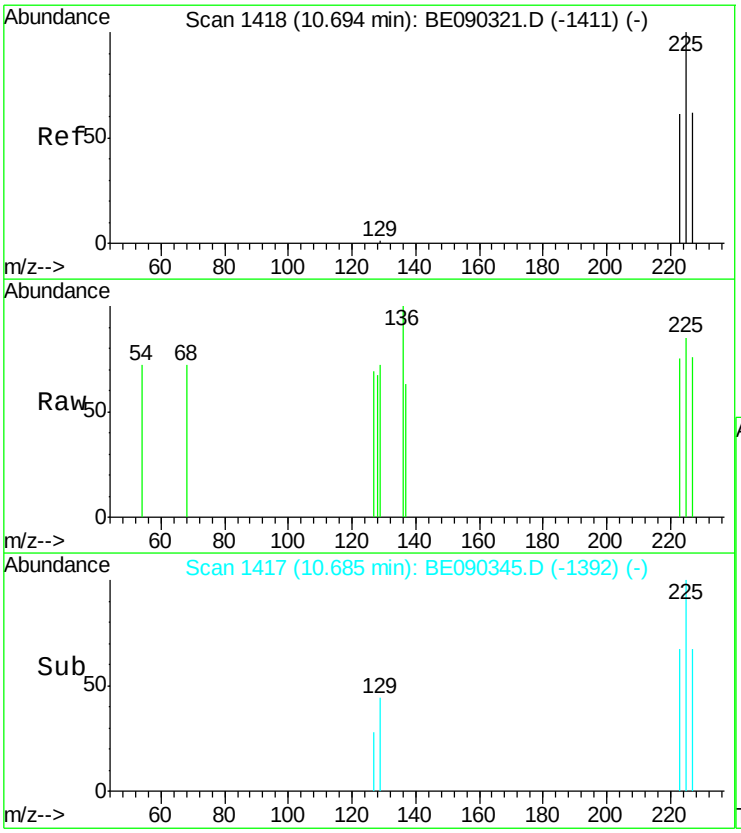
#9
Naphthalene
Concen: 0.10 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:128 Resp: 516

Ion	Ratio	Lower	Upper
128	100		
129	25.0	10.1	15.1#
127	27.8	11.3	16.9#

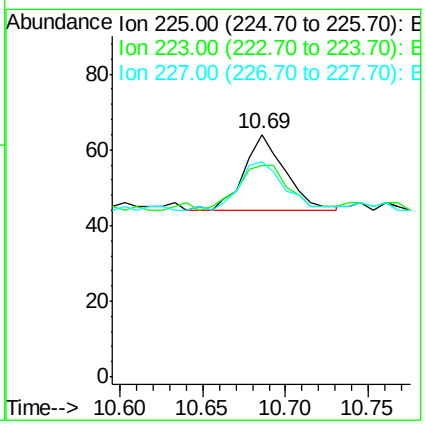


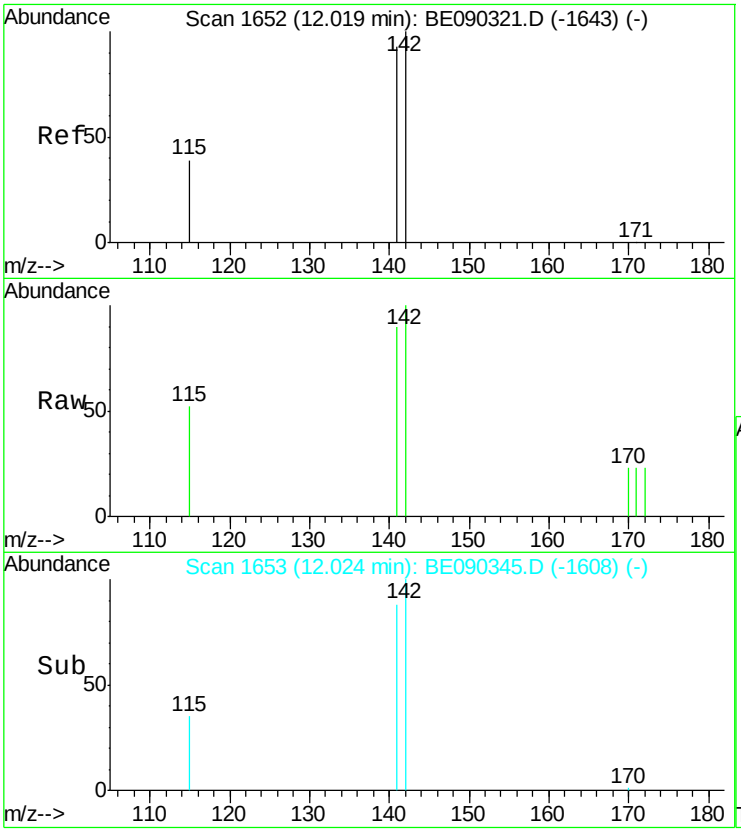


#10
Hexachlorobutadiene
Concen: 0.05 ng
RT: 10.69 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:225 Resp: 35

Ion	Ratio	Lower	Upper
225	100		
223	71.4	50.4	75.6
227	68.6	49.6	74.4



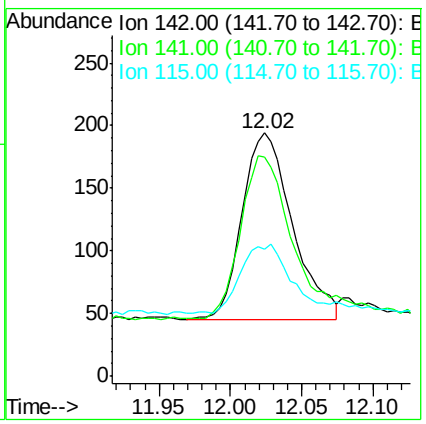


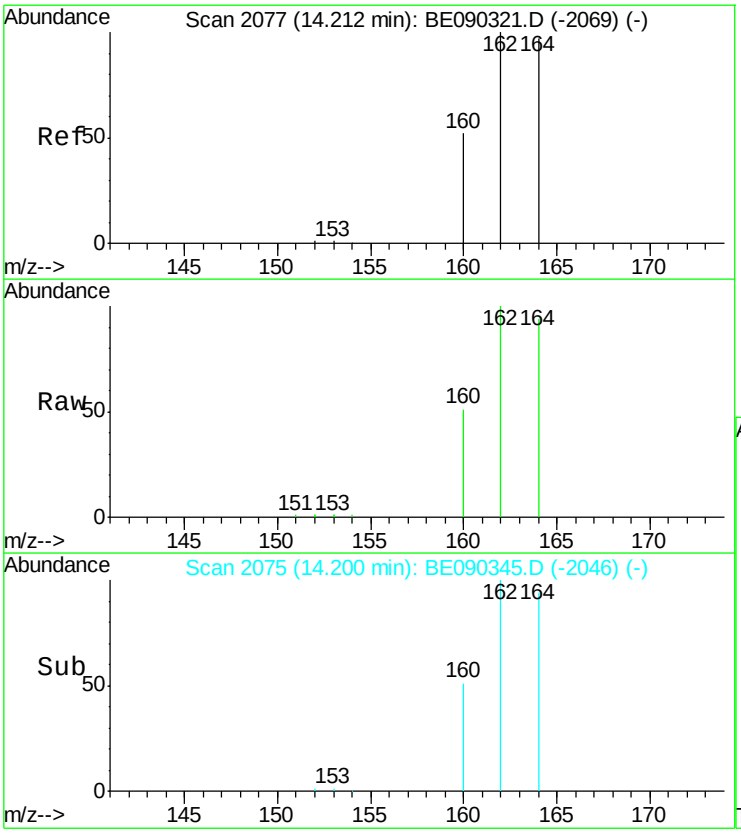
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:142 Resp: 369

Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.6	112.0
115	52.1	32.6	49.0#

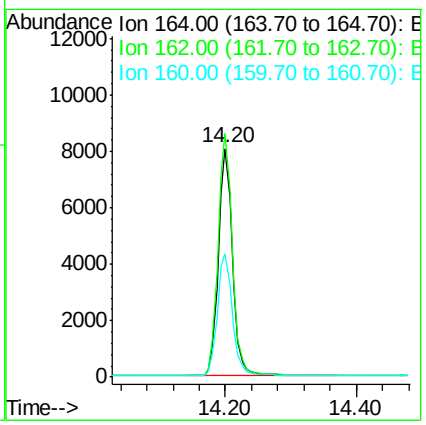


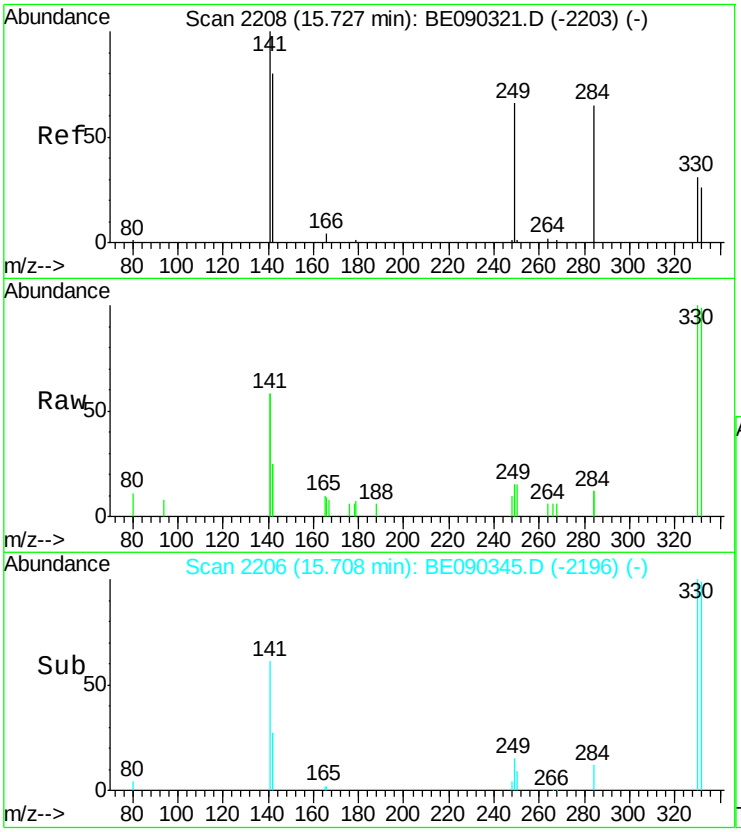


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:164 Resp: 12145

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.7	124.1
160	54.2	43.0	64.6



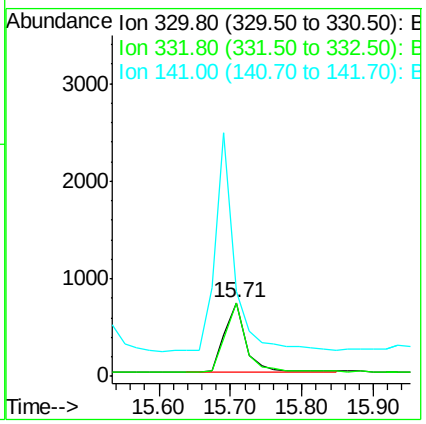


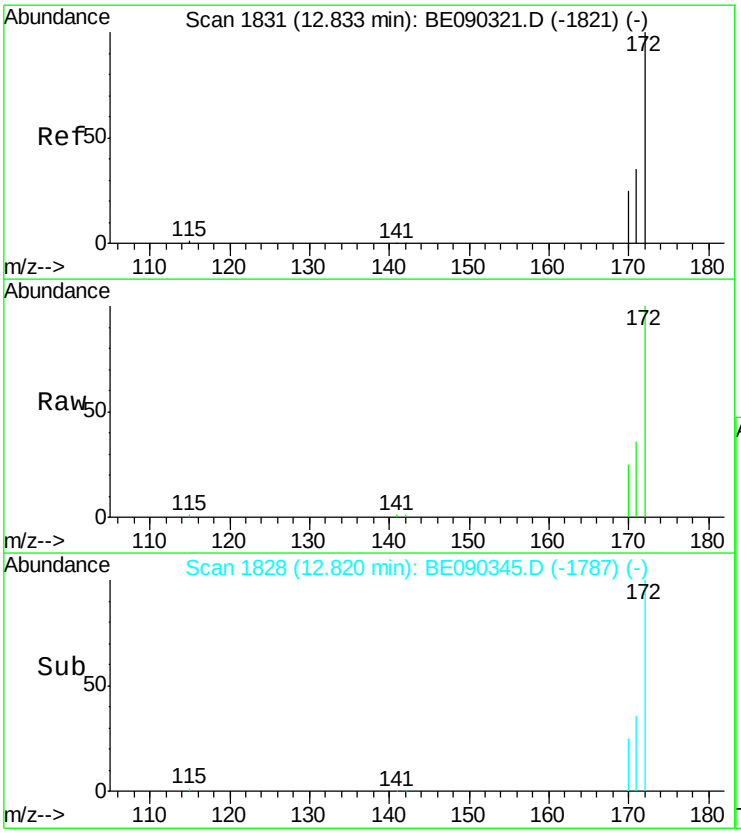
#13
2,4,6-Tribromophenol
Concen: 6.49 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:330 Resp: 1484

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.4	119.0
141	282.9	245.9	368.9

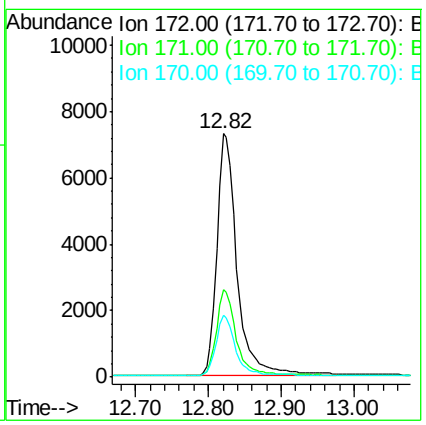


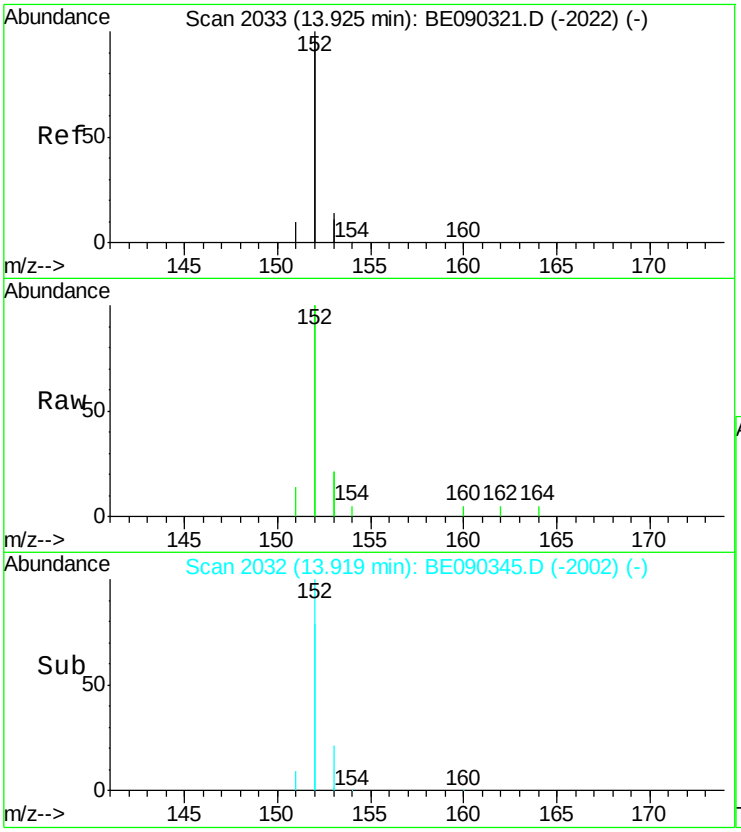


#14
2-Fluorobiphenyl
Concen: 3.98 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:172 Resp: 14024

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	25.4	21.3	31.9



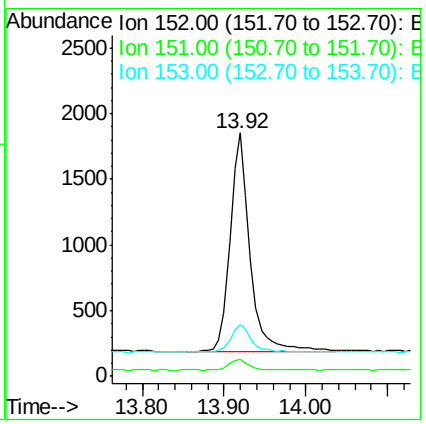


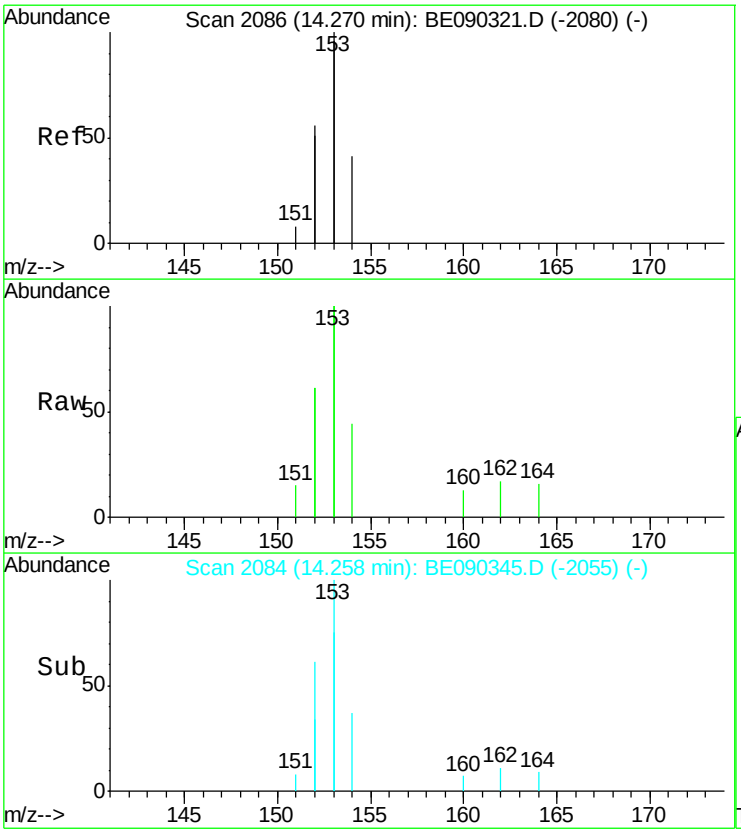
#15
Acenaphthylene
Concen: 0.13 ng
RT: 13.92 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:152 Resp: 2821

Ion	Ratio	Lower	Upper
152	100		
151	5.2	4.0	6.0
153	13.3	10.2	15.4

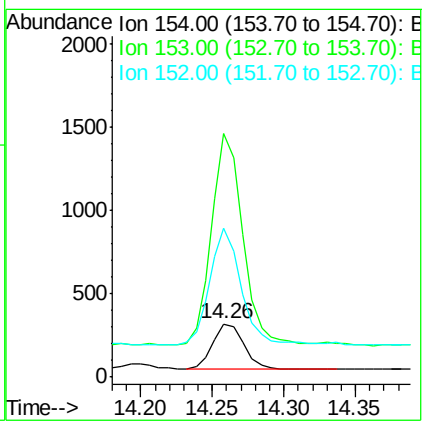


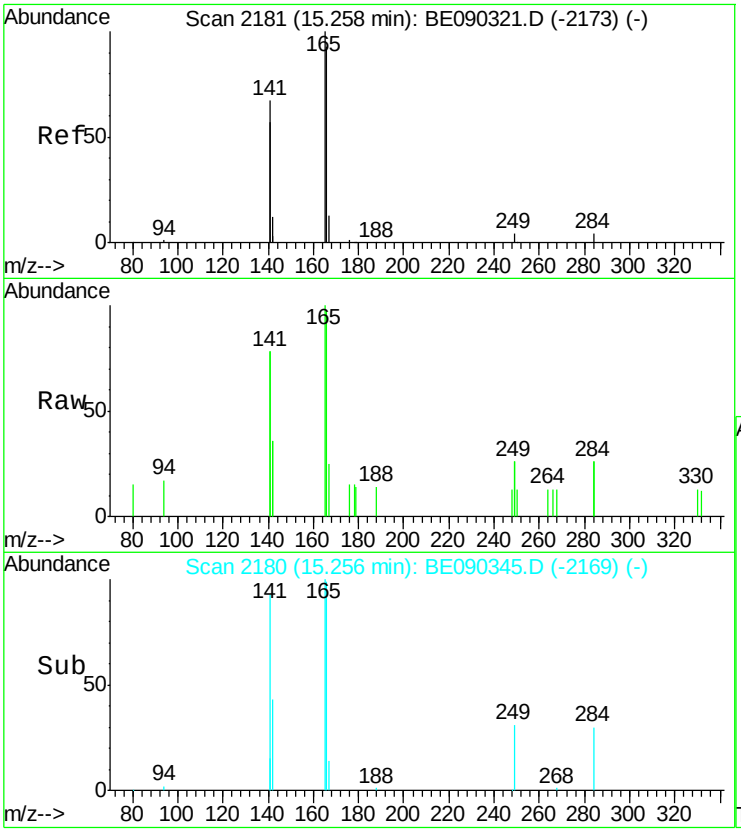


#16
Acenaphthene
Concen: 0.14 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:154 Resp: 419

Ion	Ratio	Lower	Upper
154	100		
153	461.3	378.0	567.0
152	258.7	212.7	319.1



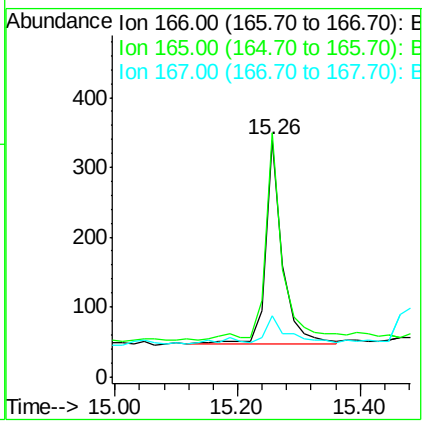


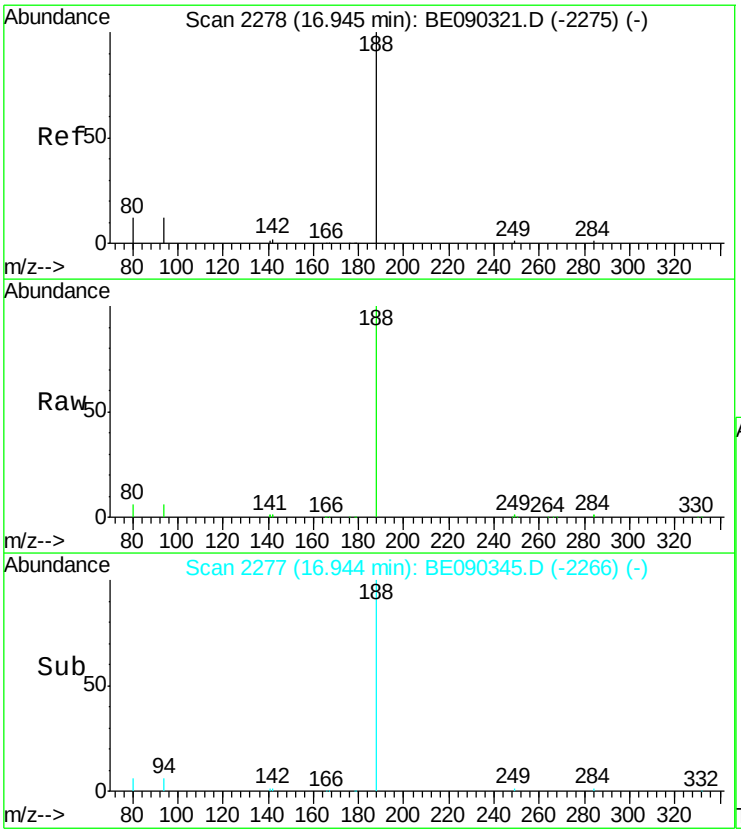
#17
Fluorene
Concen: 0.15 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:166 Resp: 556

Ion	Ratio	Lower	Upper
166	100		
165	108.6	82.6	123.8
167	16.2	11.8	17.8

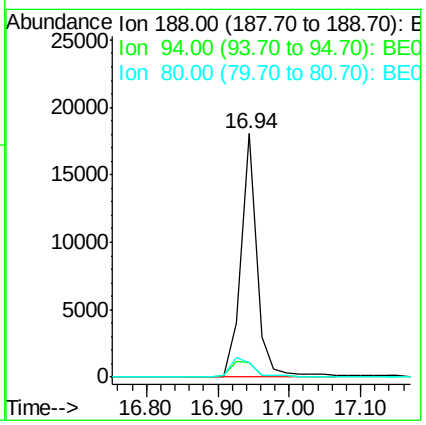


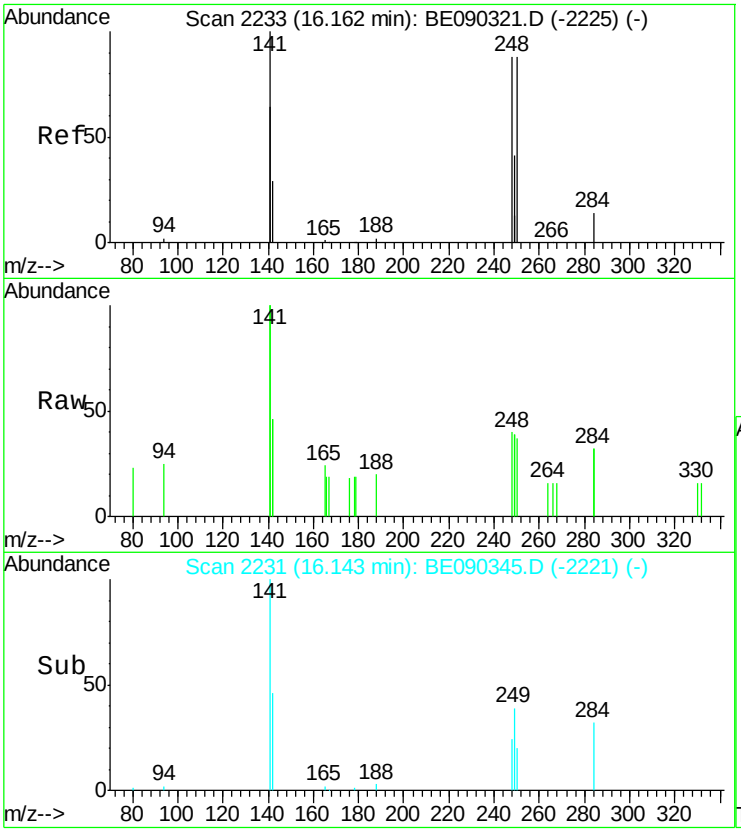


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:188 Resp: 27403

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.5	14.3#
80	5.8	10.0	15.0#



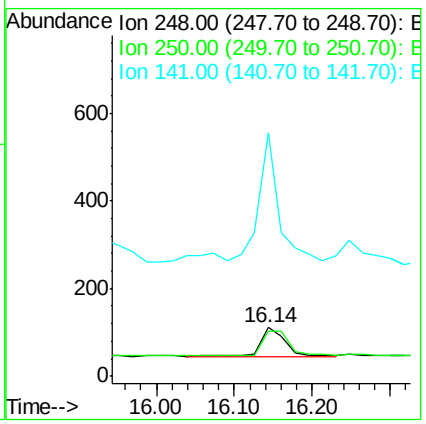


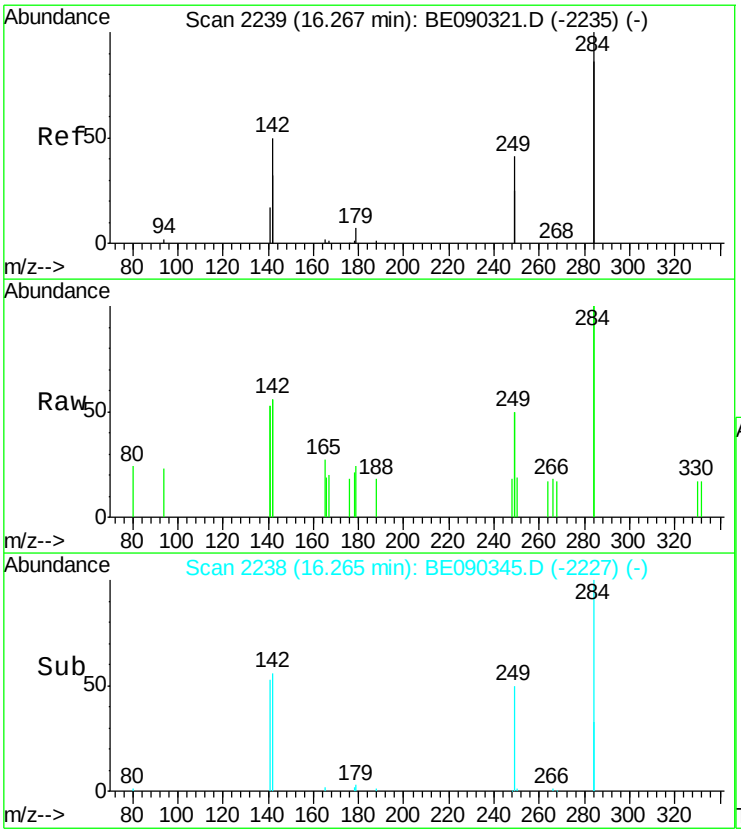
#19
4-Bromophenyl-phenylether
Concen: 0.14 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:248 Resp: 145

Ion	Ratio	Lower	Upper
248	100		
250	95.2	74.0	111.0
141	342.8	258.9	388.3

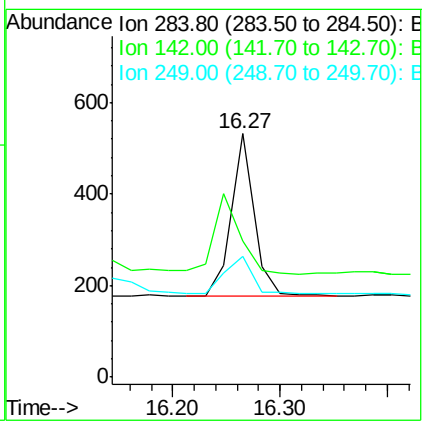


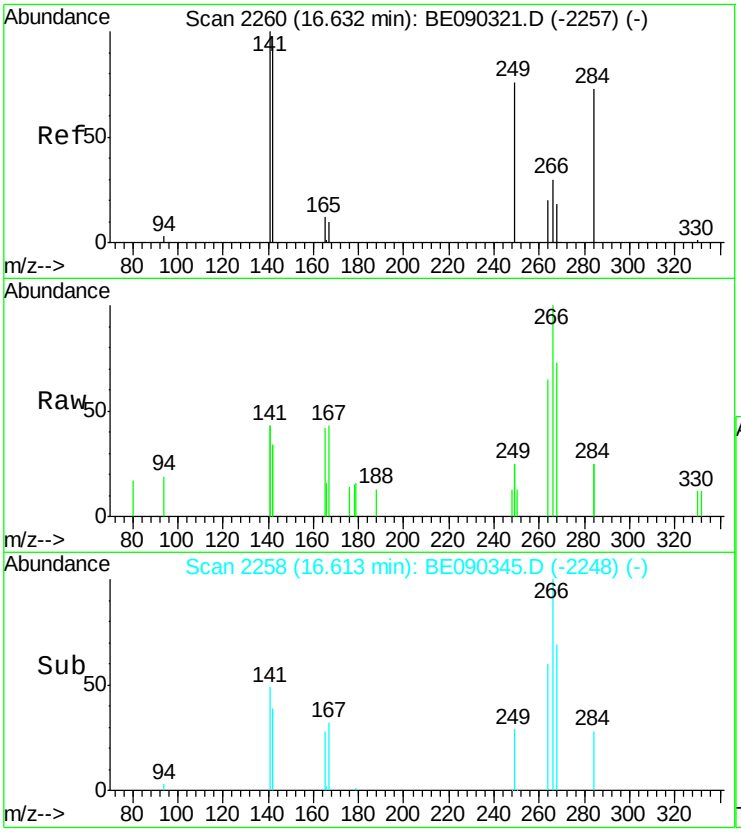


#20
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:284 Resp: 526

Ion	Ratio	Lower	Upper
284	100		
142	55.9	44.2	66.4
249	28.1	26.4	39.6



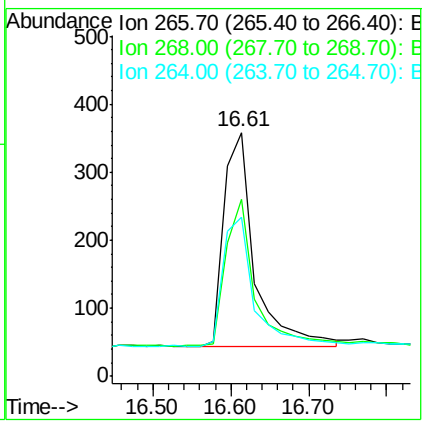


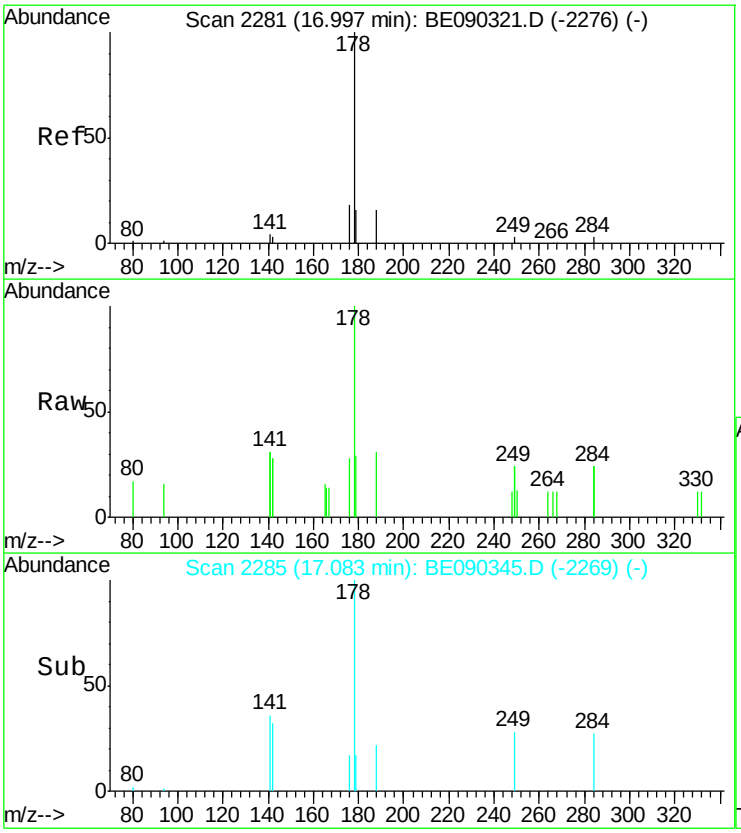
#21
Pentachlorophenol
Concen: 3.63 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:266 Resp: 854

Ion	Ratio	Lower	Upper
266	100		
268	72.6	66.2	99.2
264	65.1	69.1	103.7#

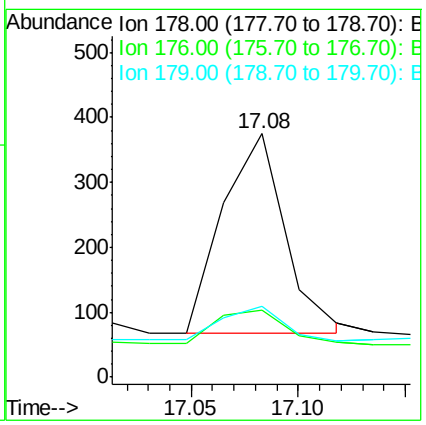


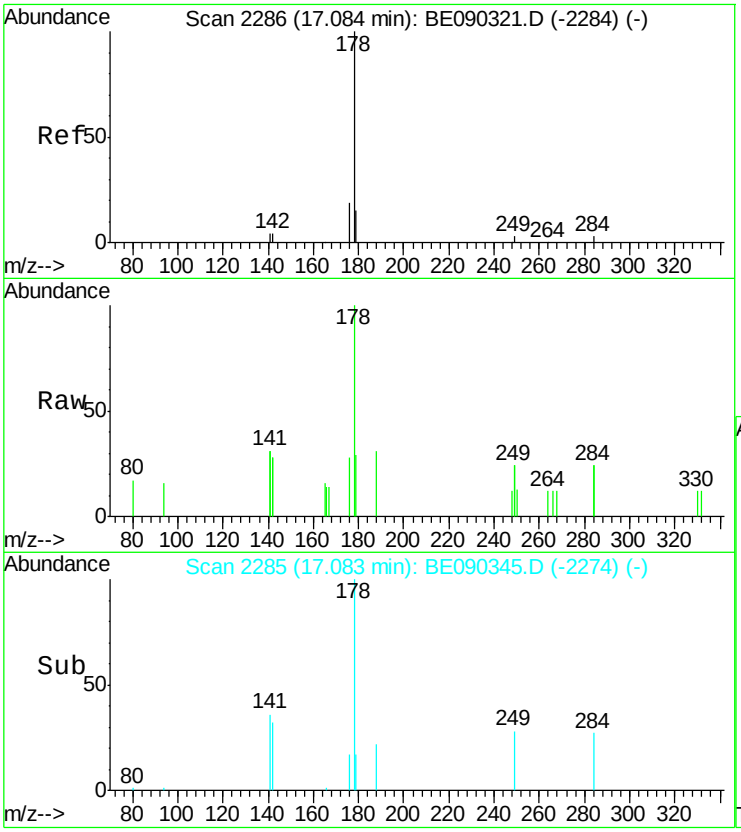


#22
Phenanthrene
Concen: 0.10 ng
RT: 17.08 min Scan# 2285
Delta R.T. 0.09 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:178 Resp: 619

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	17.1	12.6	18.8



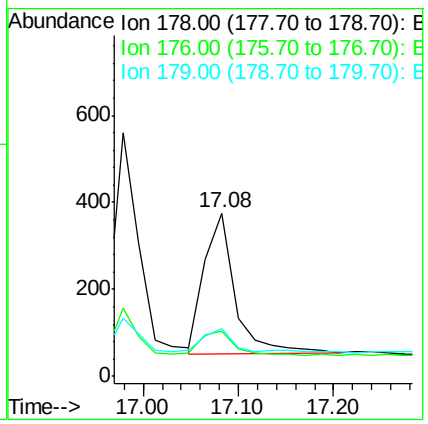


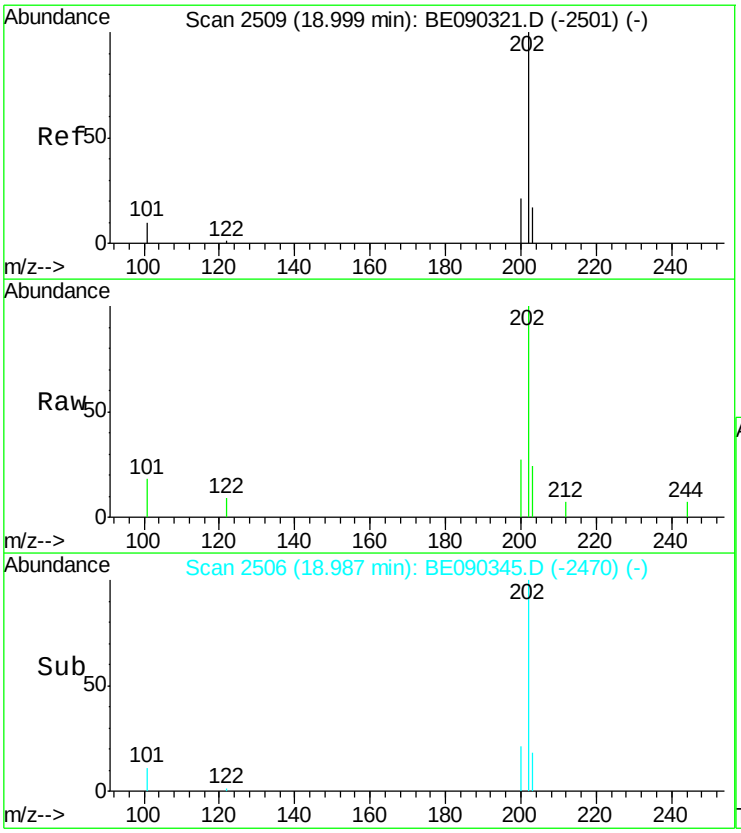
#23
Anthracene
Concen: 0.13 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:178 Resp: 723

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.5	12.1	18.1

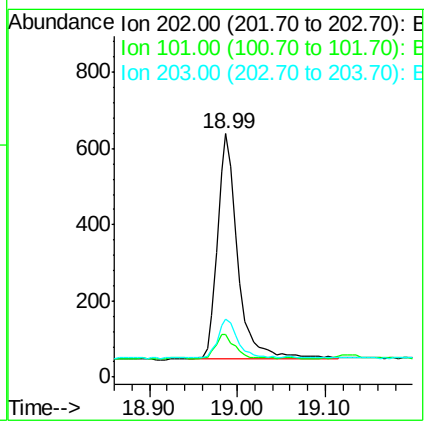


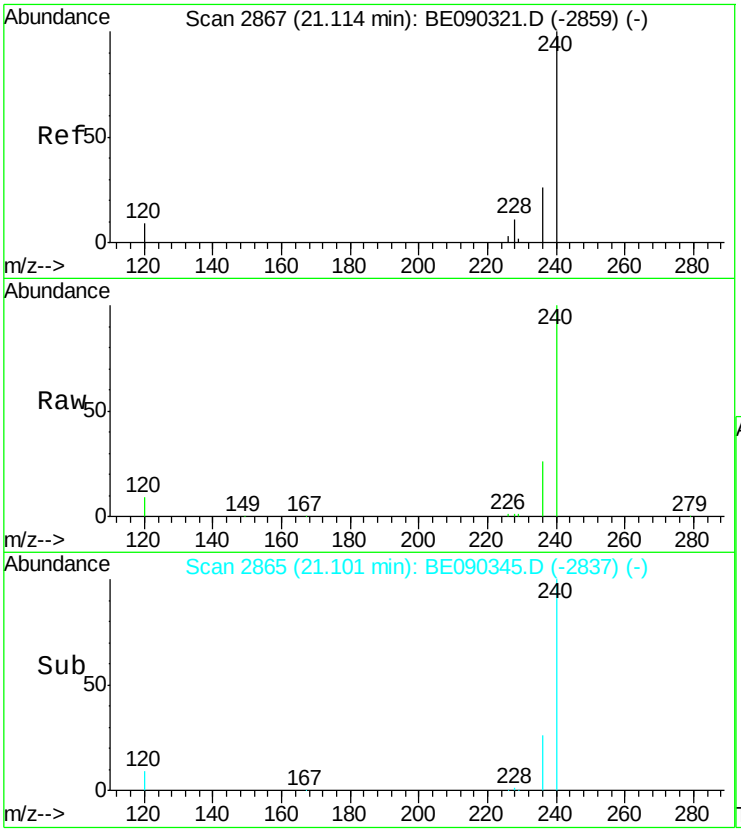


#24
Fluoranthene
Concen: 0.15 ng
RT: 18.99 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:202 Resp: 952

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5
203	16.6	13.8	20.8



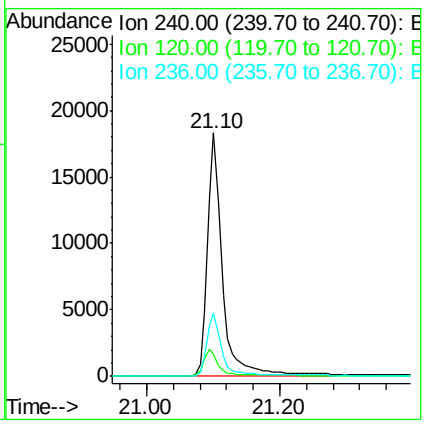


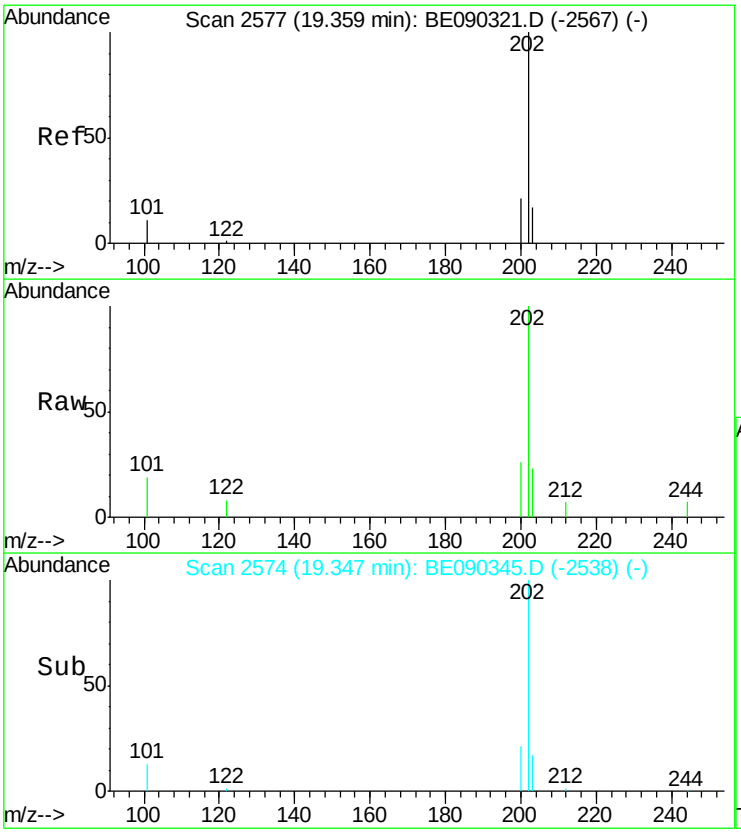
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:240 Resp: 28077

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	26.1	21.0	31.4

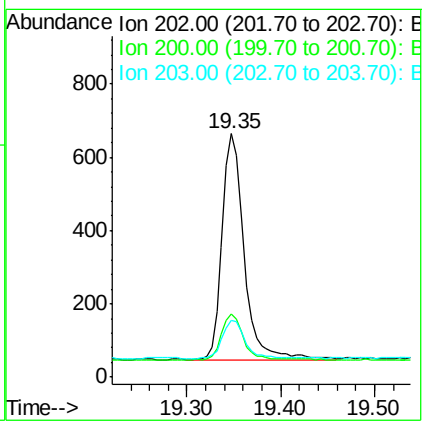


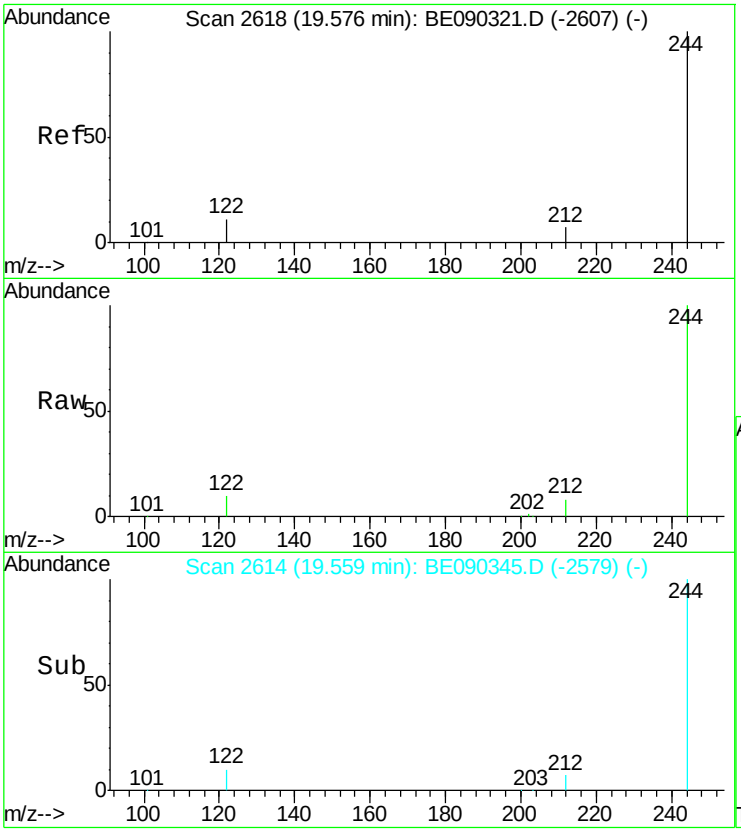


#26
Pyrene
Concen: 0.13 ng
RT: 19.35 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:202 Resp: 1010

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.1	13.8	20.6



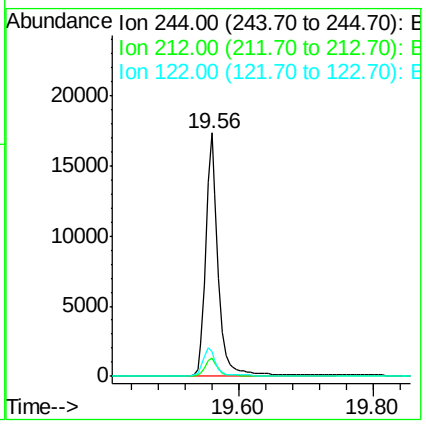


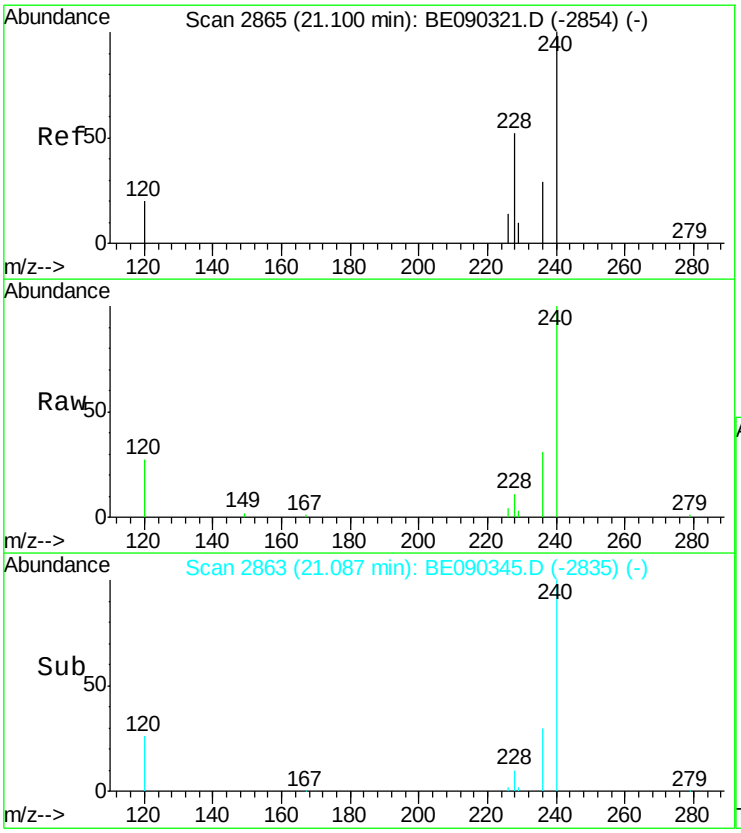
#27
Terphenyl-d14
Concen: 4.23 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:244 Resp: 22234

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.1	10.4	15.6#

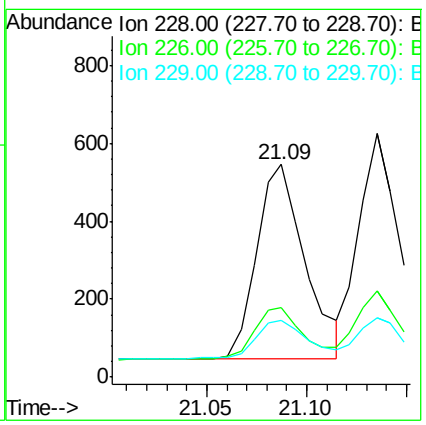


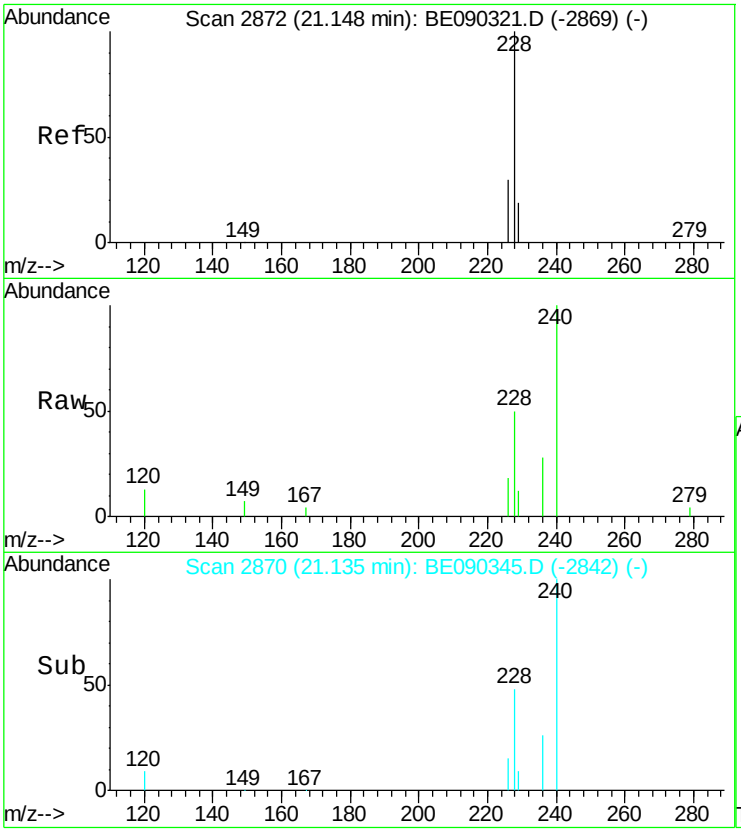


#28
Benzo(a)anthracene
Concen: 0.16 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:228 Resp: 836

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.4
229	26.7	17.4	26.2#



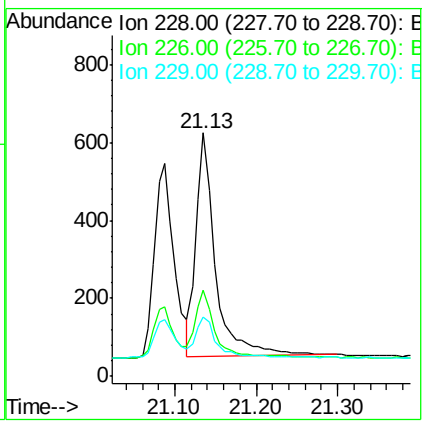


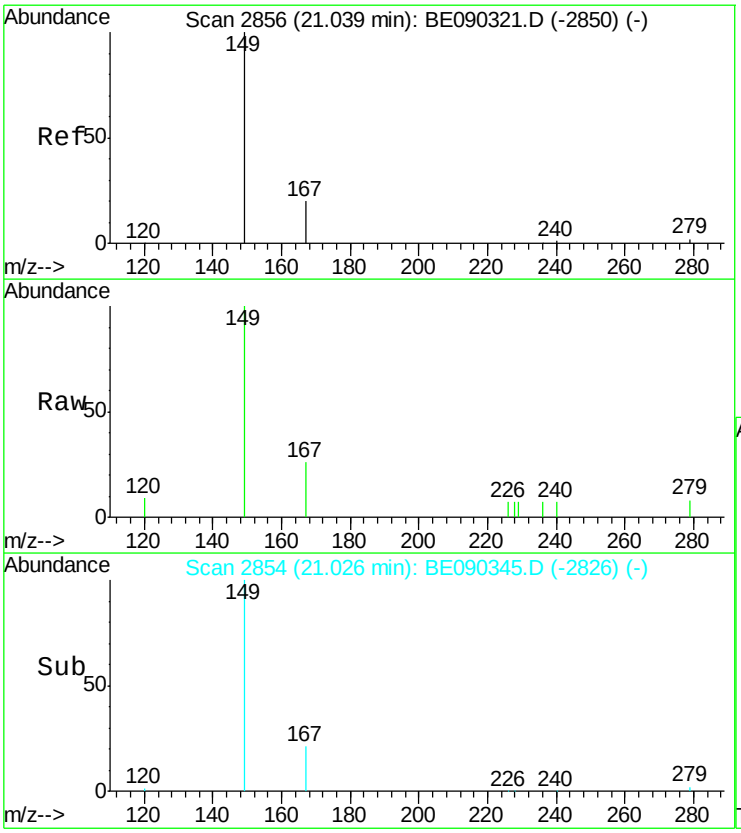
#29
Chrysene
Concen: 0.09 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:228 Resp: 956

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	24.5	16.6	25.0

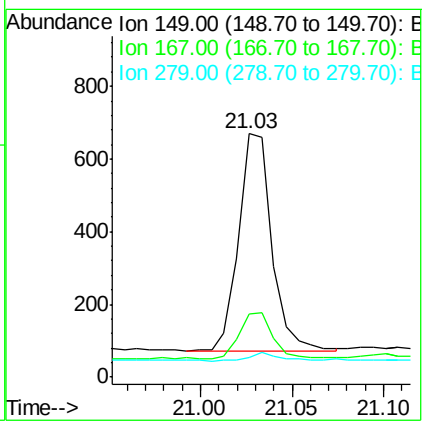


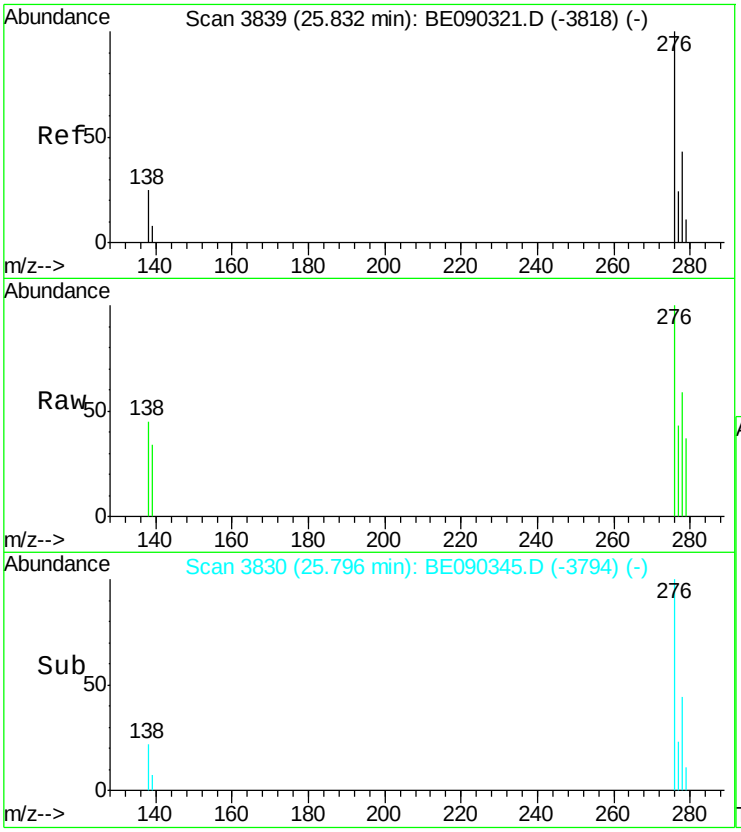


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.03 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:149 Resp: 746

Ion	Ratio	Lower	Upper
149	100		
167	21.7	16.6	24.8
279	3.4	2.7	4.1



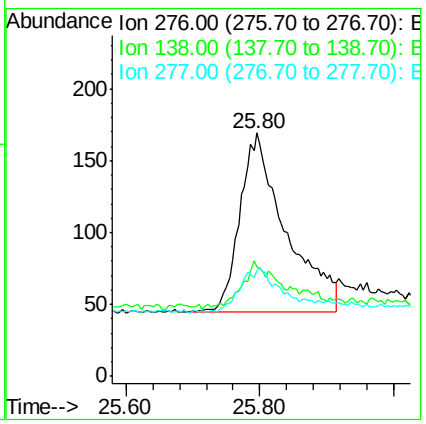


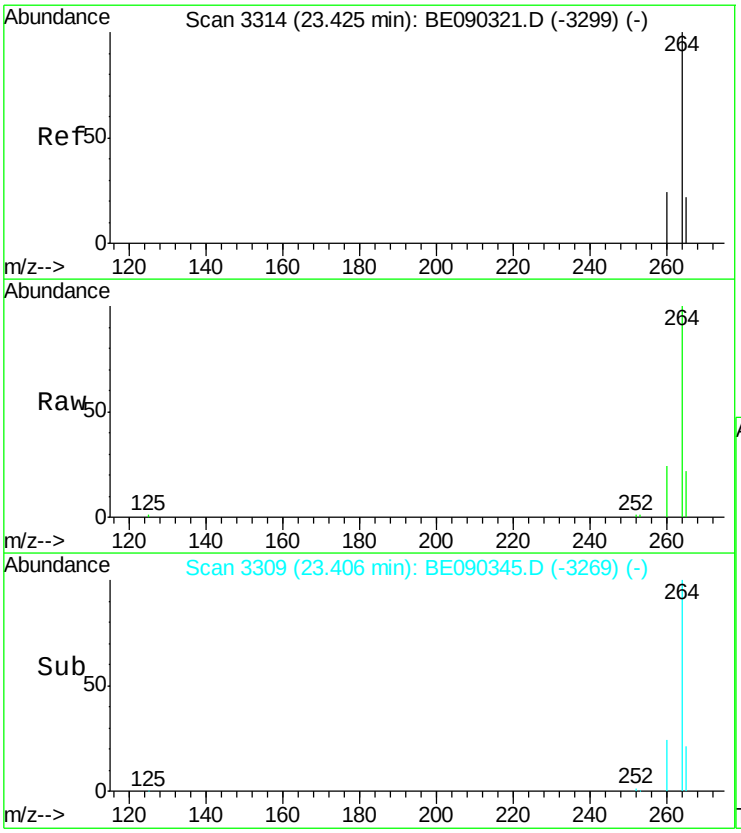
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 25.80 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:276 Resp: 590

Ion	Ratio	Lower	Upper
276	100		
138	11.7	10.6	16.0
277	20.3	14.6	22.0

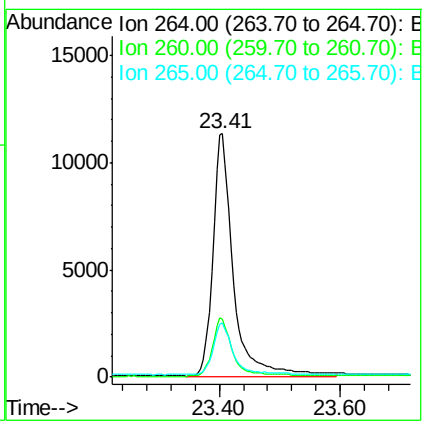


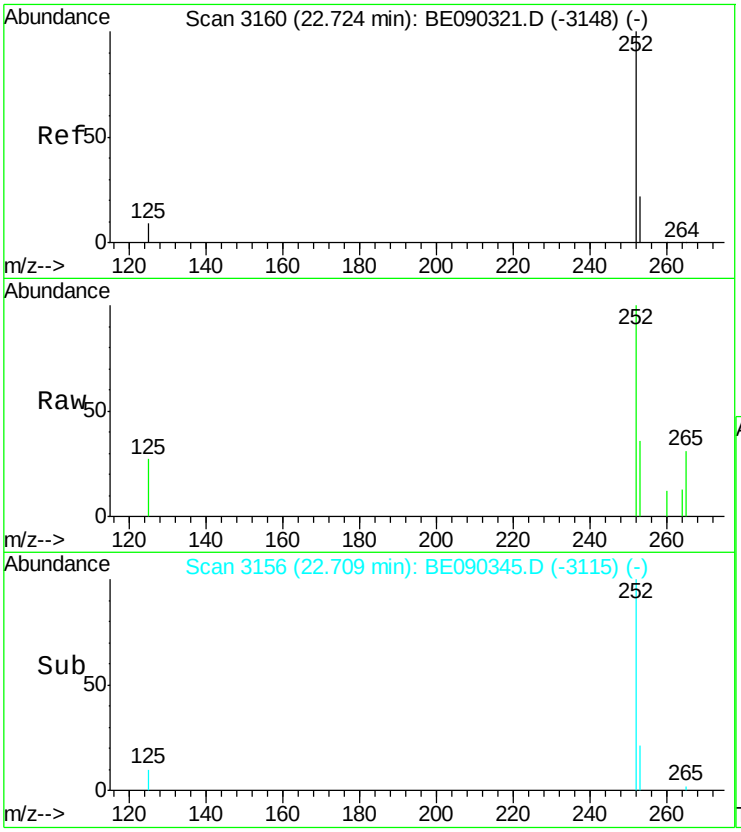


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3309
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:264 Resp: 26532

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.4	18.6	28.0



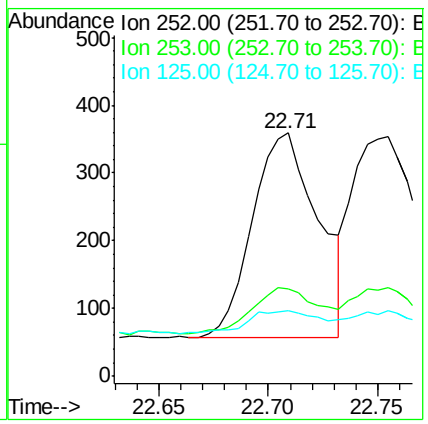


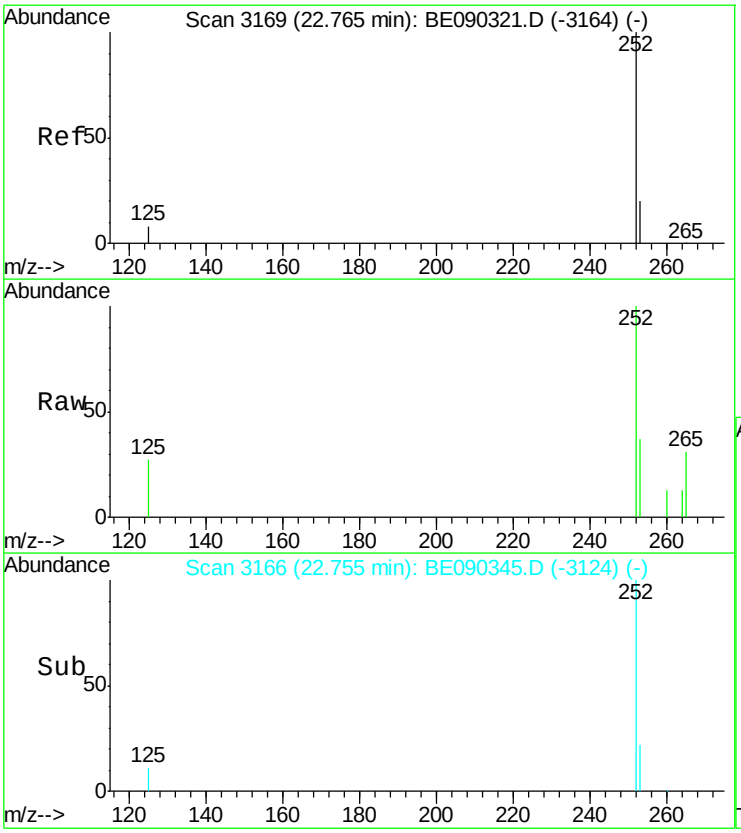
#33
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:252 Resp: 632

Ion	Ratio	Lower	Upper
252	100		
253	35.7	21.5	32.3#
125	26.7	11.8	17.8#

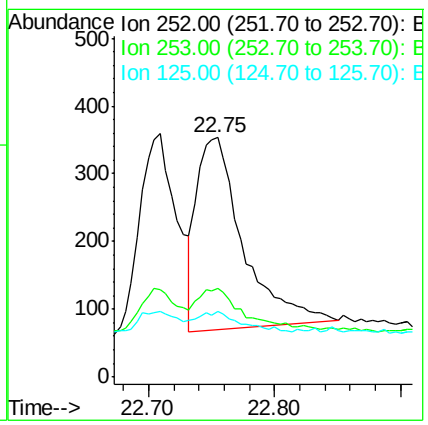


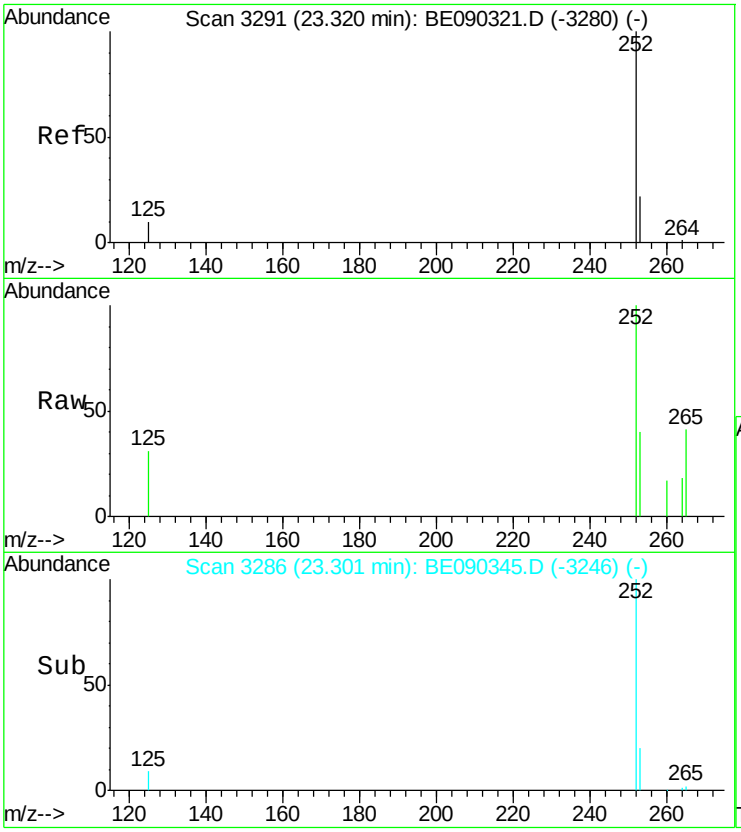


#34
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:252 Resp: 718

Ion	Ratio	Lower	Upper
252	100		
253	37.1	19.9	29.9#
125	27.5	11.2	16.8#



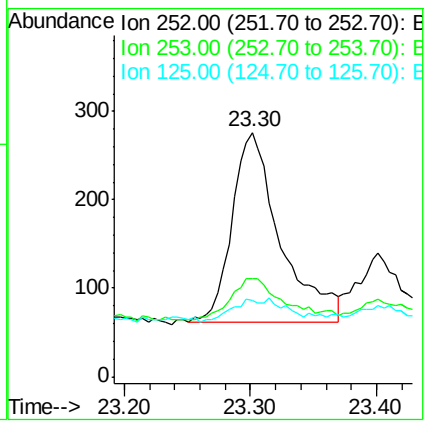


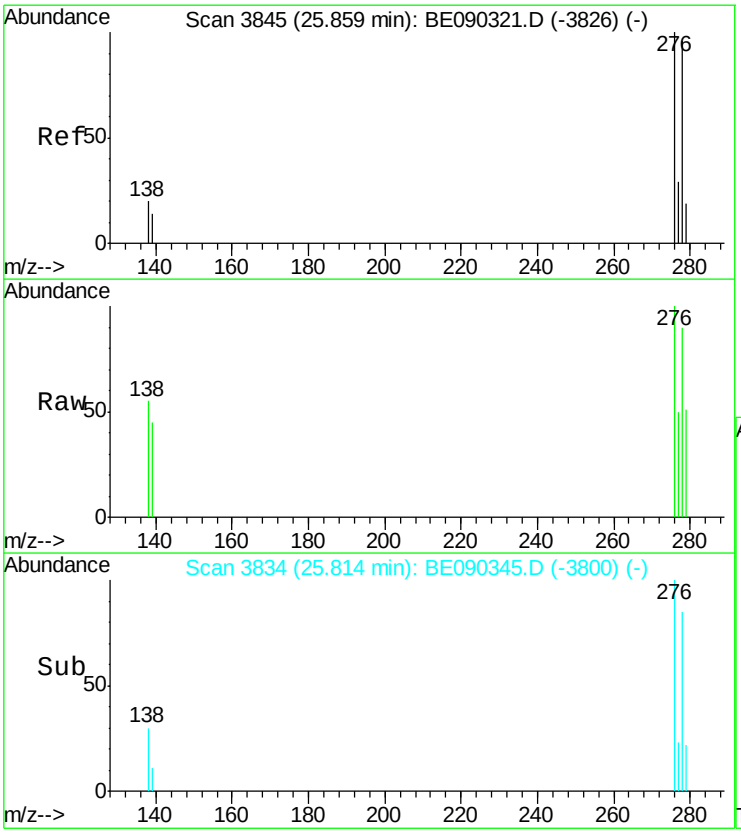
#35
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.30 min Scan# 3286
Delta R.T. -0.02 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:252 Resp: 578

Ion	Ratio	Lower	Upper
252	100		
253	40.2	23.0	34.4#
125	31.2	14.2	21.2#

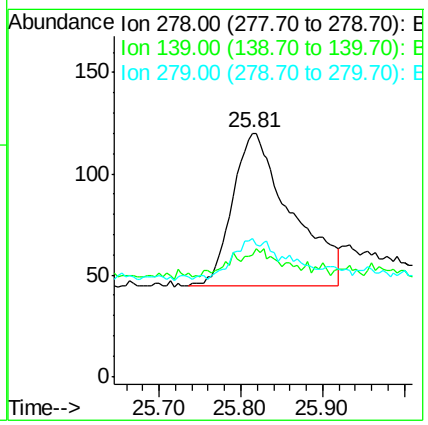


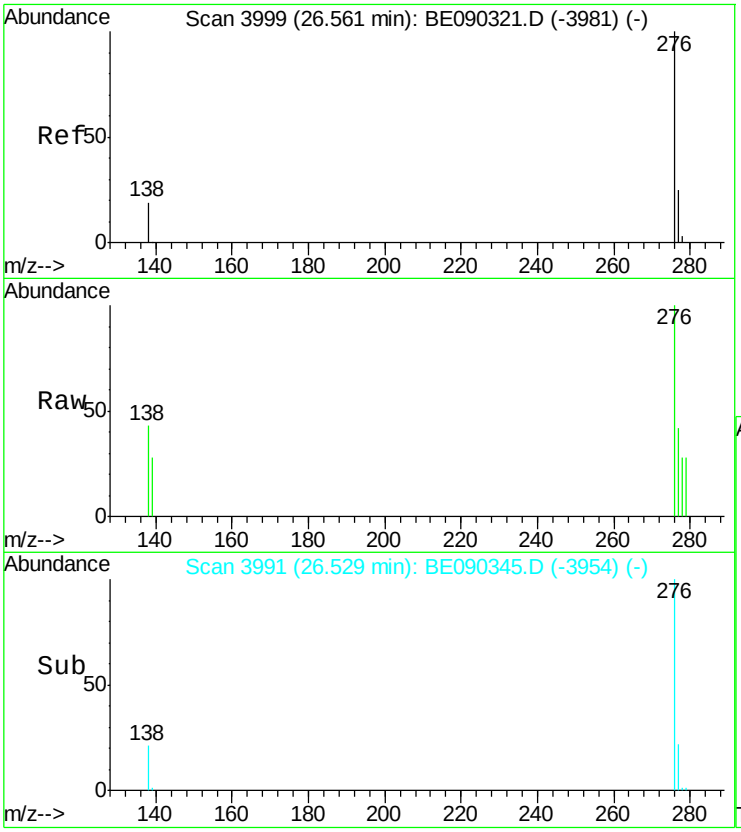


#36
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.81 min Scan# 3834
Delta R.T. -0.04 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Tgt Ion:278 Resp: 372

Ion	Ratio	Lower	Upper
278	100		
139	50.0	27.8	41.6#
279	56.7	30.9	46.3#





#37
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 26.53 min Scan# 3991
Delta R.T. -0.03 min
Lab File: BE090345.D
Acq: 4 Aug 2015 16:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:276 Resp: 626

Ion	Ratio	Lower	Upper
276	100		
277	41.6	25.6	38.4#
138	42.7	22.0	33.0#