Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090527.D
Acq On : 14 Aug 2015 19:10
Operator : UM/IZ
Sample : G3254-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : S8-9003

Quant Time: Aug 17 04:18:46 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	21946	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	105386	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	57775	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	117767	5.00	ng		0.00
25) Chrysene-d12	21.10	240	112642	5.00	ng		0.00
32) Perylene-d12	23.41	264	108777	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	50308	7.93	ng		0.00
5) Phenol-d6	6.77	99	76318	8.18	ng		0.00
7) Nitrobenzene-d5	8.72	82	41829	4.98	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	20607	9.27	ng		-0.02
14) 2-Fluorobiphenyl	12.81	172	82383	4.77	ng		0.00
27) Terphenyl-d14	19.55	244	102736	4.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	26	Below Cal		#	1
3) n-Nitrosodimethylamine	3.41	42	1018	0.27	ng	#	1
8) Nitrobenzene	8.76	77	1832	0.21	ng	#	55
9) Naphthalene	10.39	128	2536	0.11	ng	#	1
11) 2-Methylnaphthalene	12.00	142	11685	0.75	ng	#	87
15) Acenaphthylene	13.93	152	22499	0.21	ng	#	45
16) Acenaphthene	14.33	154	369	0.02	ng		71
17) Fluorene	15.24	166	2203	0.11	ng	#	72
19) 4-Bromophenyl-phenylether	16.18	248	552	0.11	ng	#	74
21) Pentachlorophenol	16.61	266	390	0.45	ng	#	64
22) Phenanthrene	16.98	178	7206	0.23	ng	#	37
23) Anthracene	17.07	178	1010	0.04	ng	#	27
24) Fluoranthene	18.98	202	6240	0.19	ng	#	85
26) Pyrene	19.34	202	11142	0.35	ng		97
28) Benzo(a)anthracene	21.08	228	2839	0.10	ng	#	1
29) Chrysene	21.14	228	4312	0.14	ng	#	1
30) Bis(2-ethylhexyl)phthalate	21.03	149	67112	3.83	ng		97
31) Indeno(1,2,3-cd)pyrene	25.79	276	3262	0.11	ng	#	91
33) Benzo(b)fluoranthene	22.71	252	5417	0.21	ng	#	1
34) Benzo(k)fluoranthene	22.71	252	5417	0.19	ng	#	1
35) Benzo(a)pyrene	23.30	252	2276	0.09	ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	886	0.04	ng	#	1
37) Benzo(g,h,i)perylene	26.53	276	5790	0.23	ng	#	1

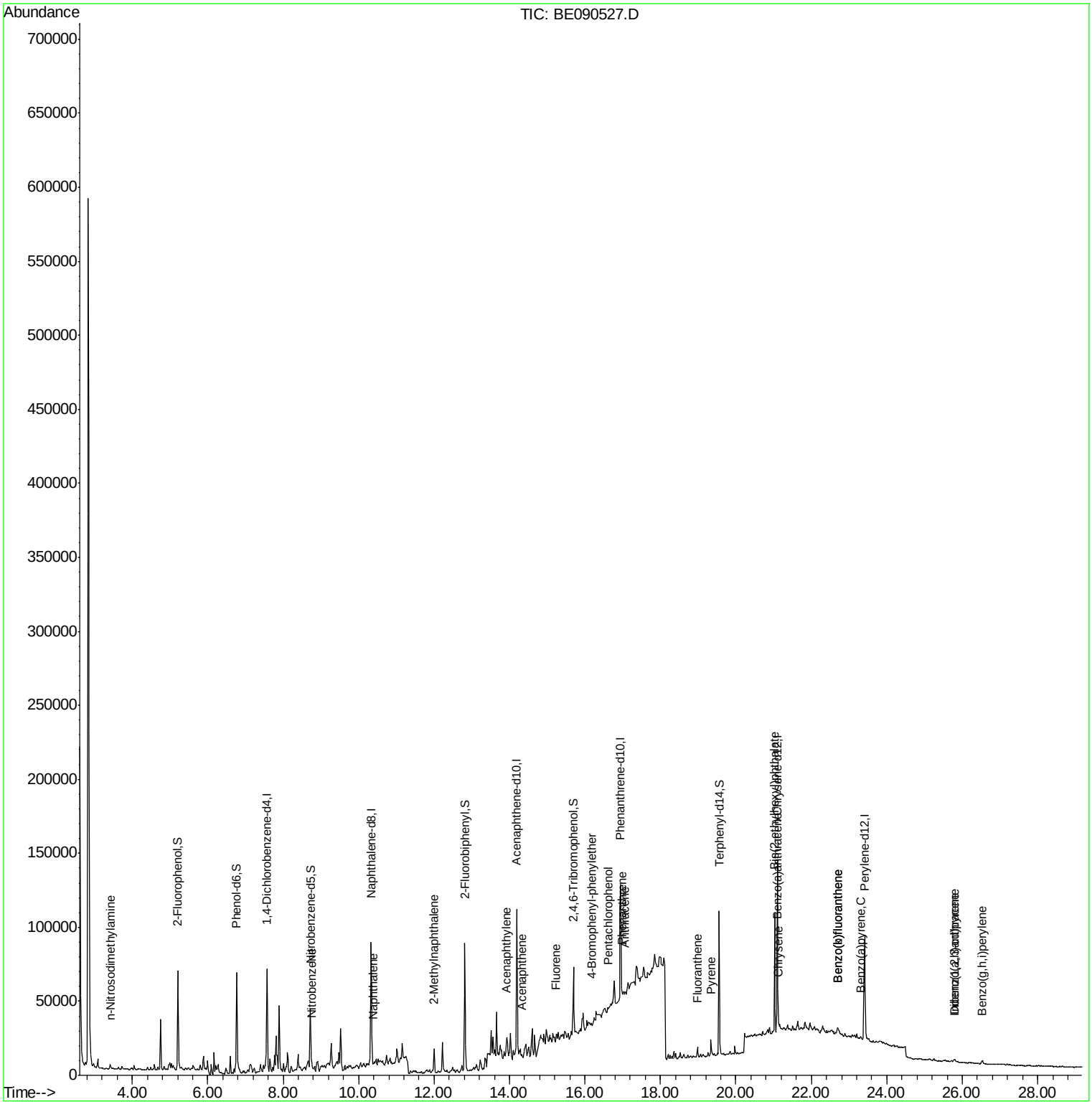
(#) = qualifier out of range (m) = manual integration (+) = signals summed

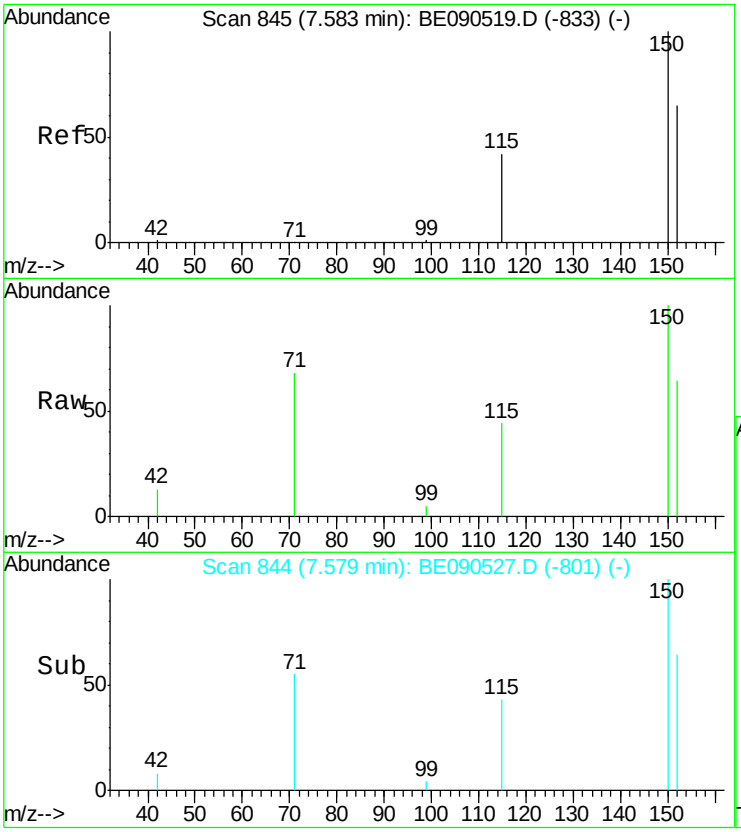
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090527.D
Acq On : 14 Aug 2015 19:10
Operator : UM/IZ
Sample : G3254-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
S8-9003

Quant Time: Aug 17 04:18:46 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



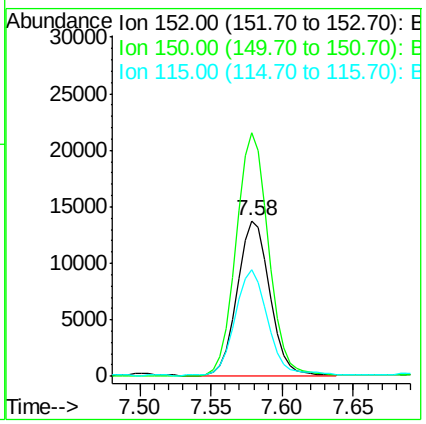


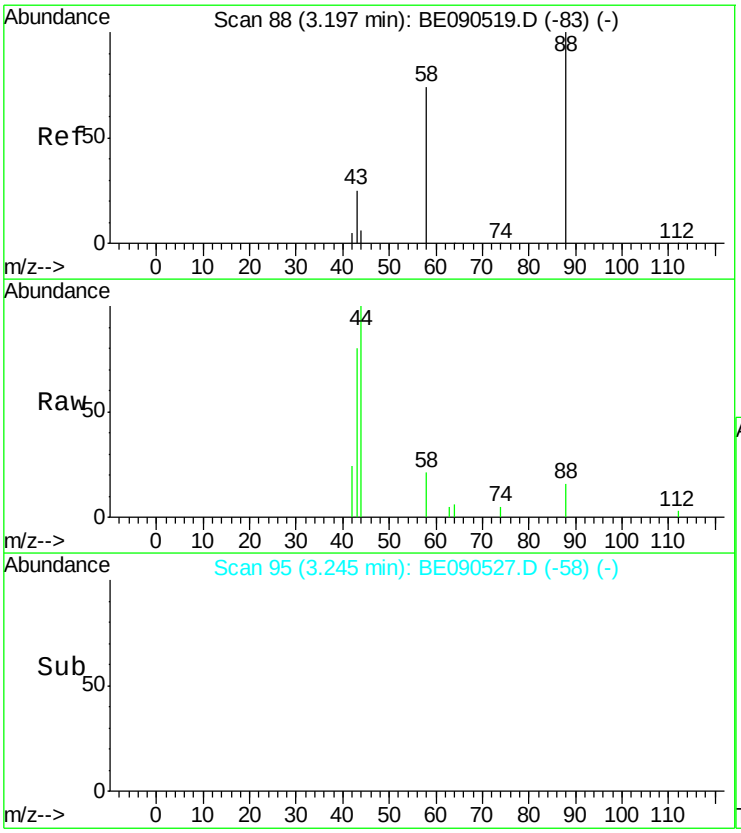
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:152 Resp: 21946

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	68.3	48.9	73.3

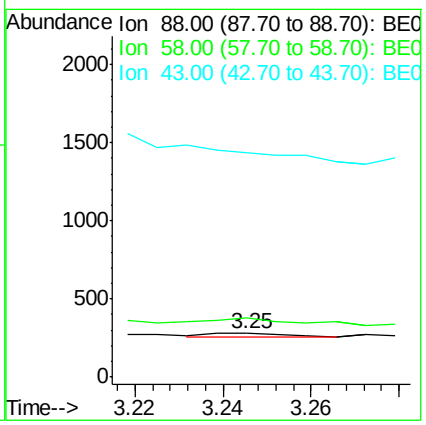


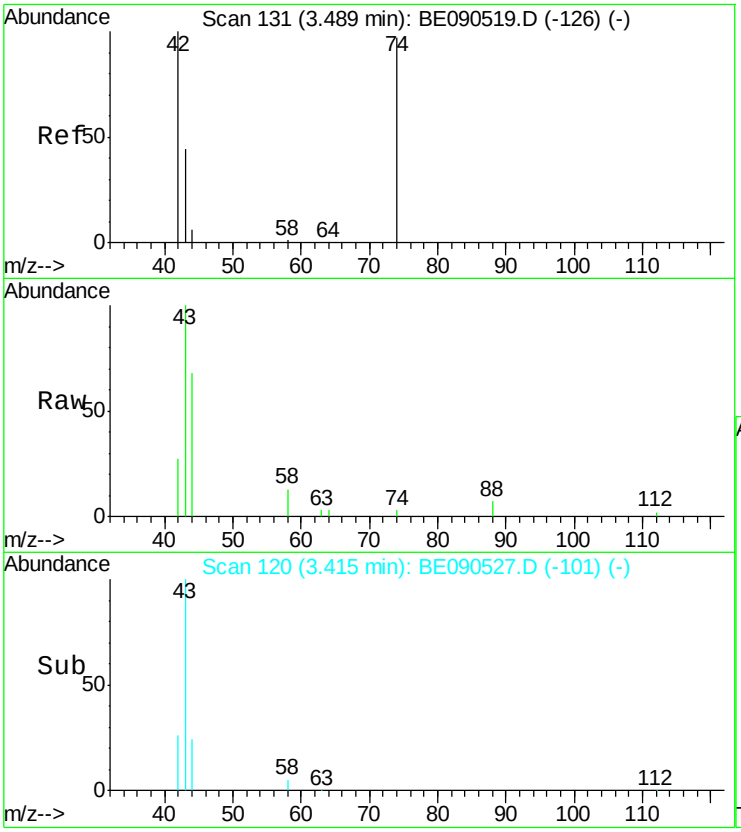


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.25 min Scan# 95
Delta R.T. 0.05 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	296.2	70.0	105.0#
43	0.0	28.4	42.6#



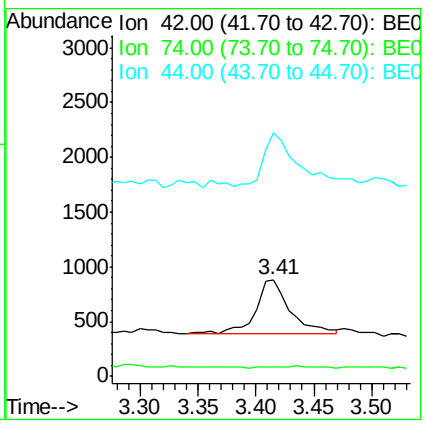


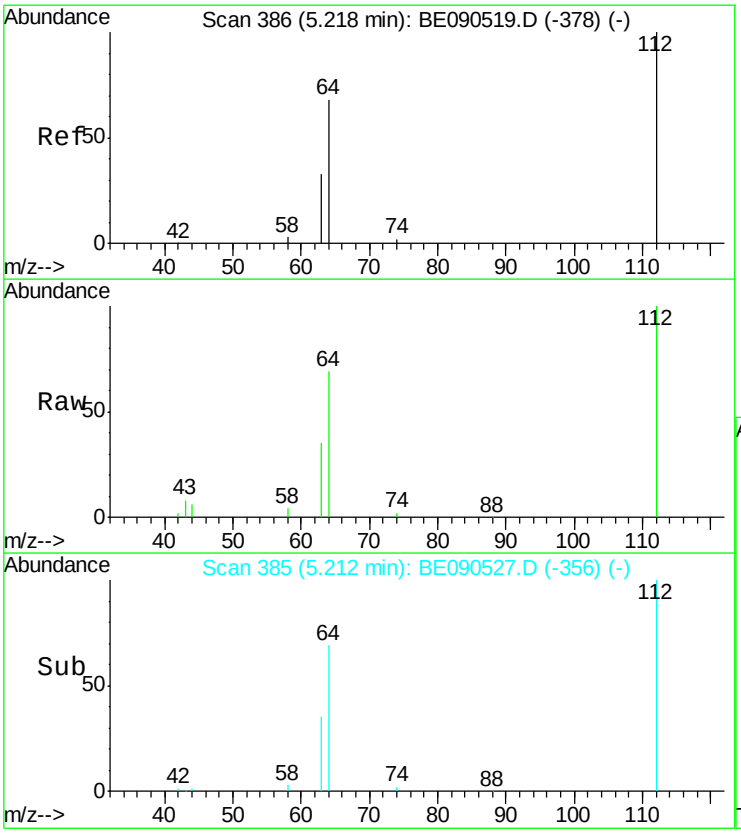
#3
n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.41 min Scan# 120
Delta R.T. -0.07 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion: 42 Resp: 1018

Ion	Ratio	Lower	Upper
42	100		
74	0.0	75.2	112.8#
44	103.9	8.7	13.1#

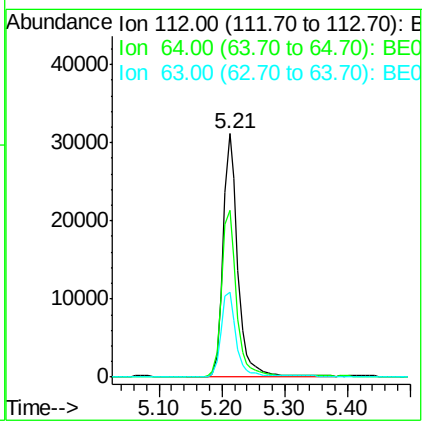


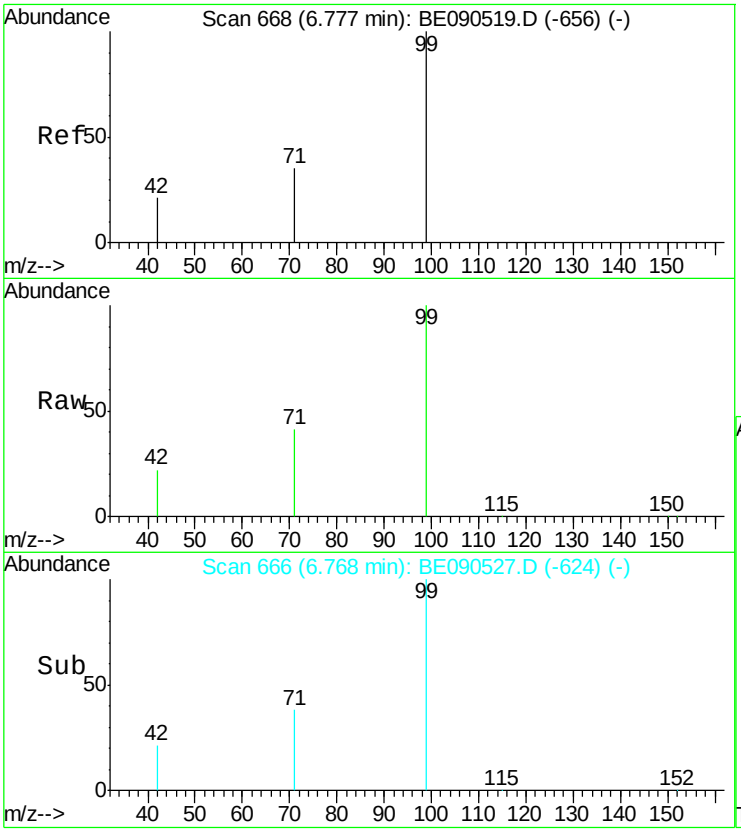


#4
2-Fluorophenol
Concen: 7.93 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:112 Resp: 50308

Ion	Ratio	Lower	Upper
112	100		
64	70.4	37.1	55.7#
63	36.2	19.5	29.3#



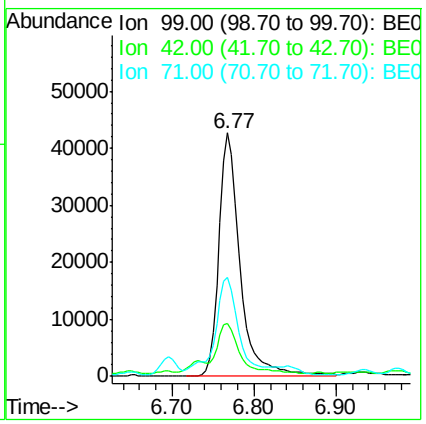


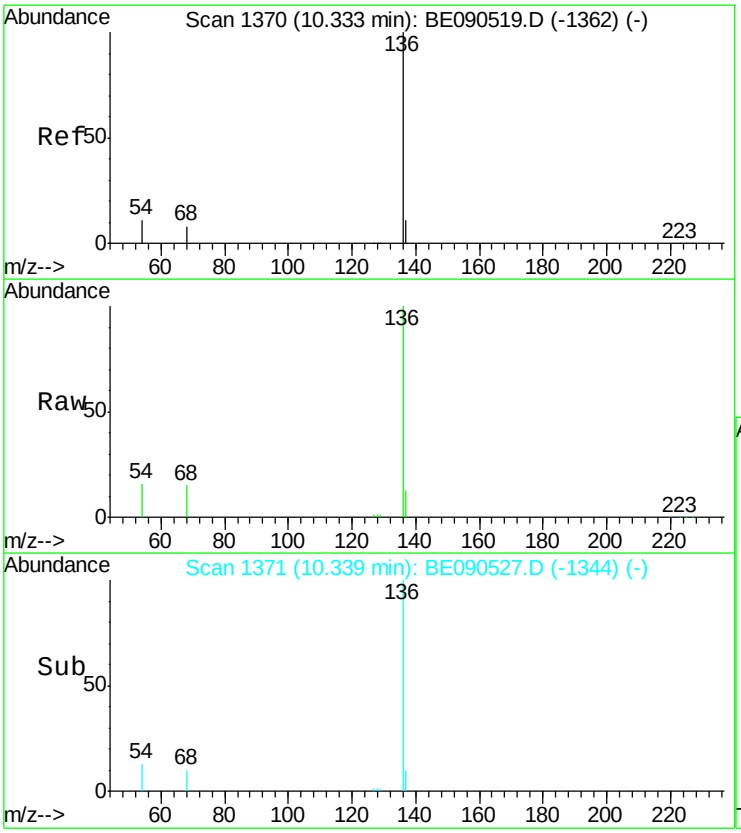
#5
Phenol-d6
Concen: 8.18 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion: 99 Resp: 76318

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	40.2	27.4	41.0

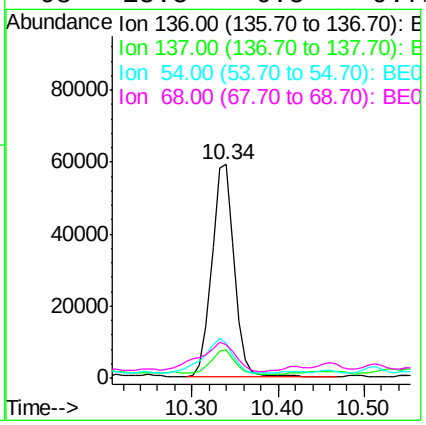


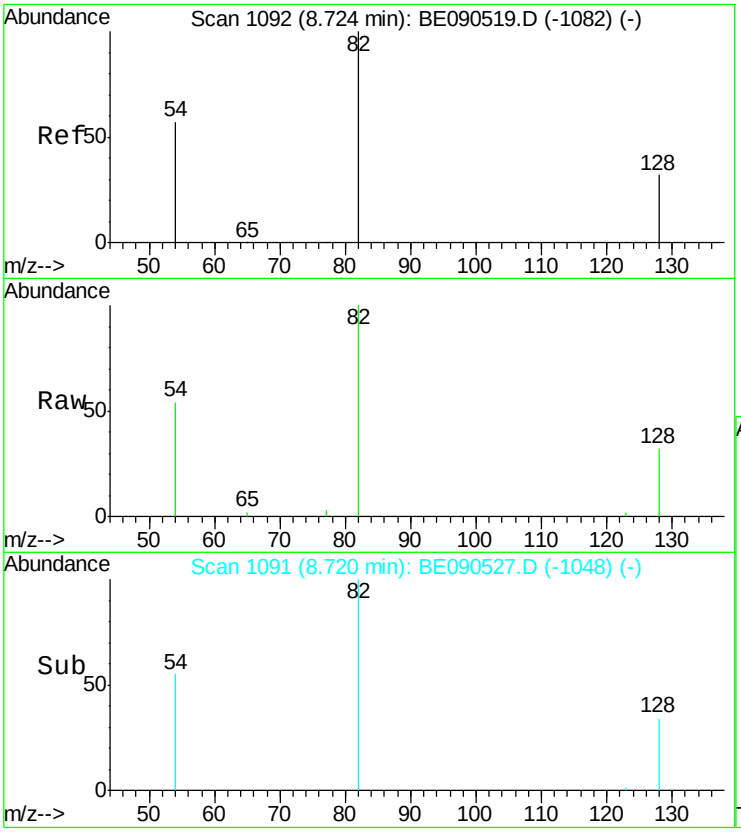


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:136 Resp: 105386

Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.7	13.1#
54	16.0	9.4	14.0#
68	15.5	6.5	9.7#



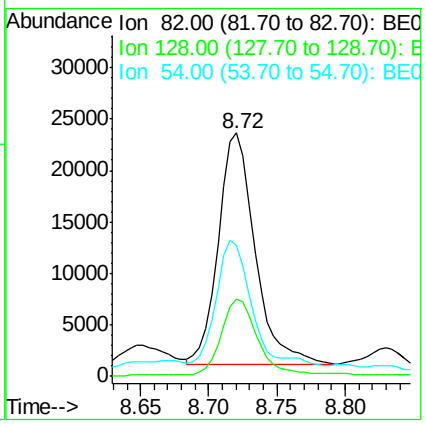


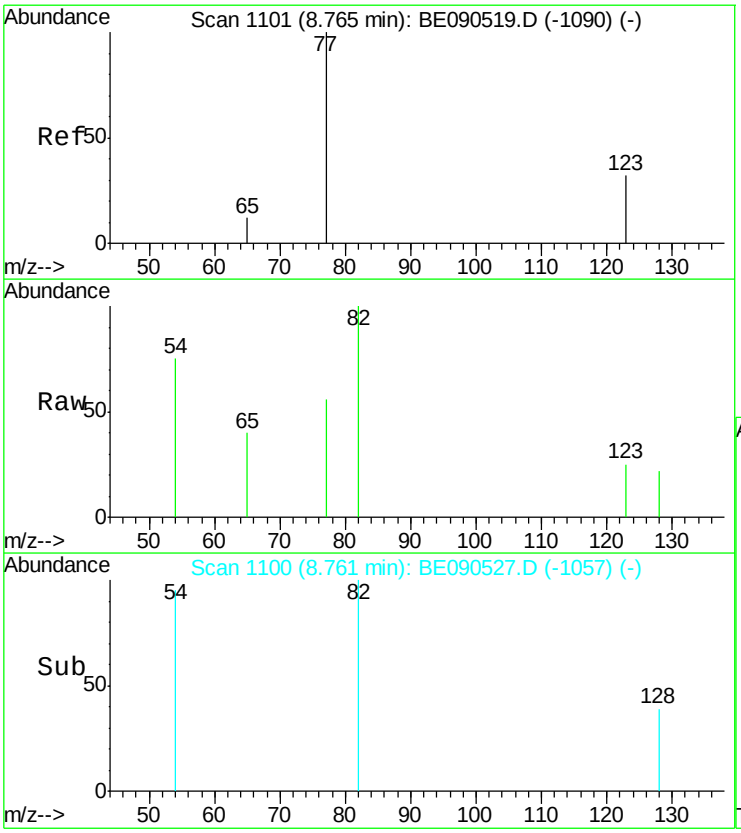
#7
Nitrobenzene-d5
Concen: 4.98 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion: 82 Resp: 41829

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.0	37.6
54	53.7	48.8	73.2

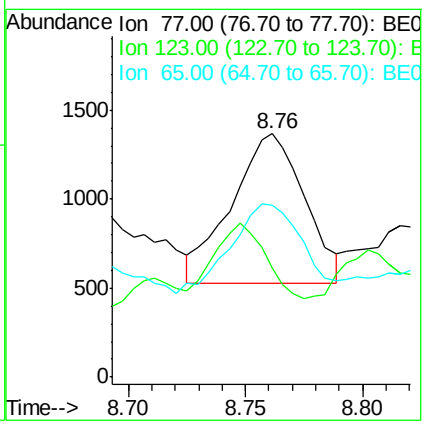


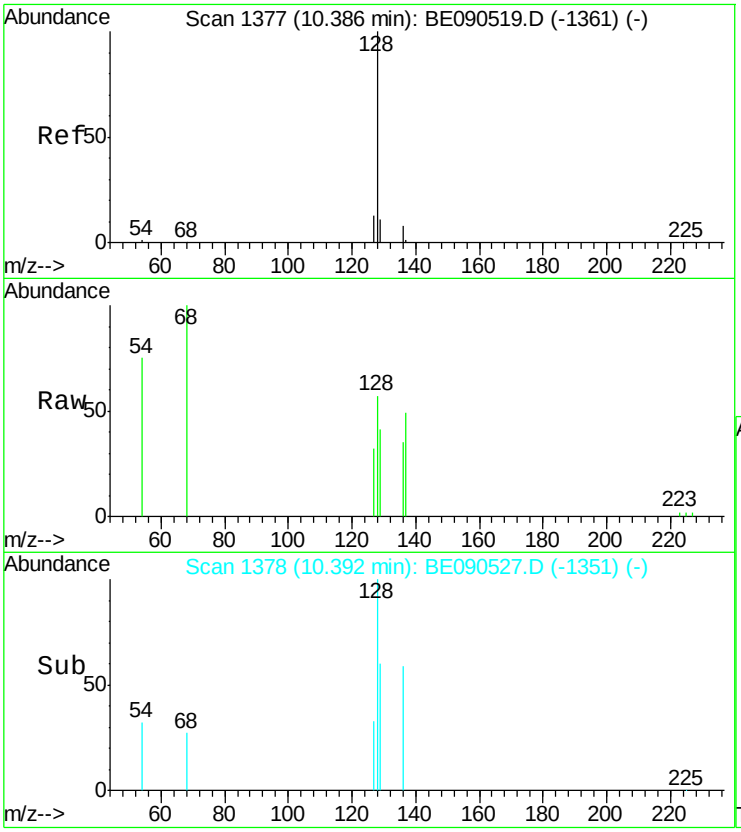


#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion: 77 Resp: 1832

Ion	Ratio	Lower	Upper
77	100		
123	41.2	25.1	37.7#
65	57.6	9.3	13.9#



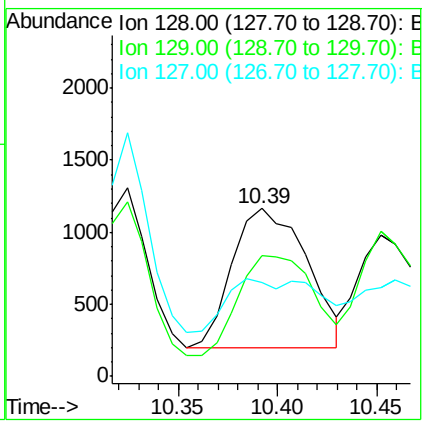


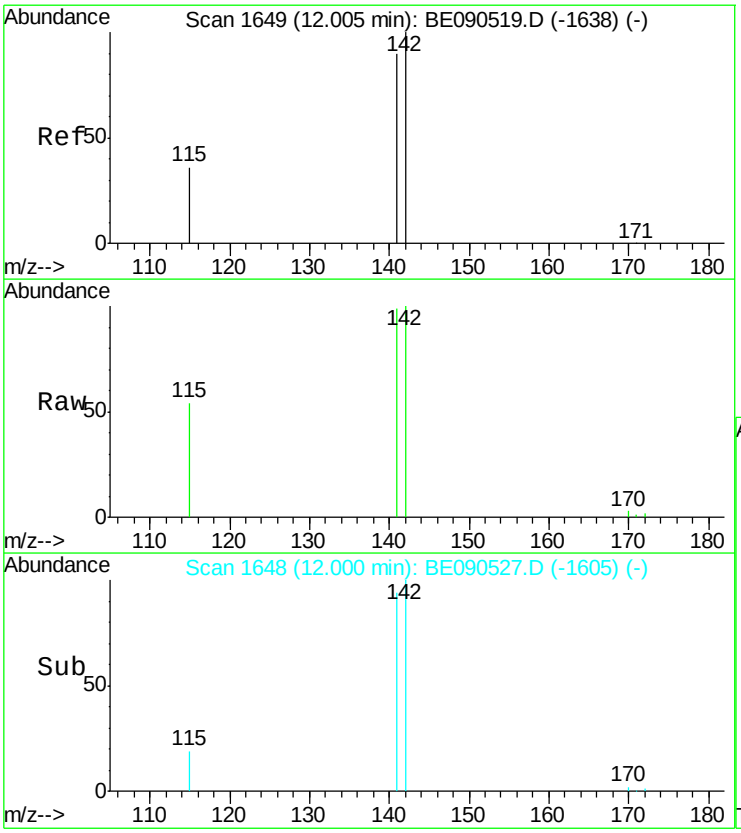
#9
Naphthalene
Concen: 0.11 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:128 Resp: 2536

Ion	Ratio	Lower	Upper
128	100		
129	71.6	9.8	14.6#
127	56.0	10.6	16.0#

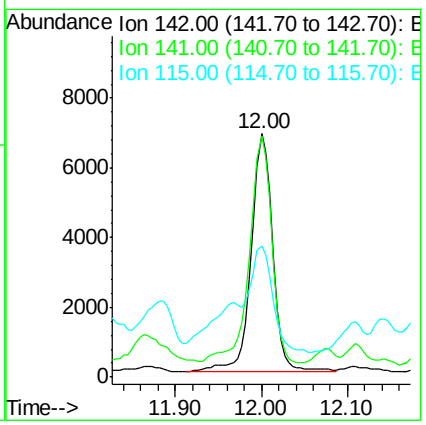


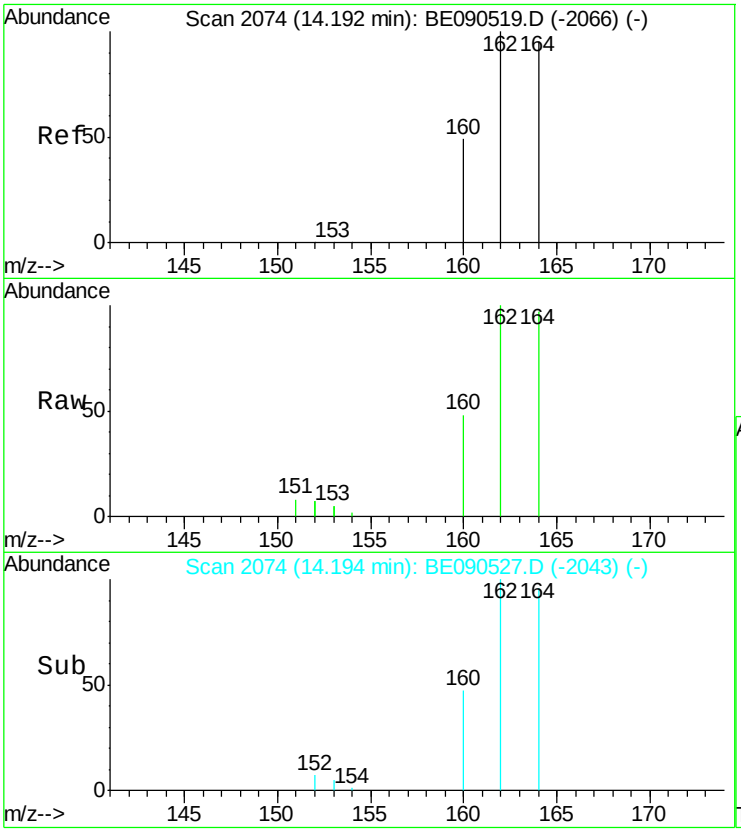


#11
2-Methylnaphthalene
Concen: 0.75 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:142 Resp: 11685

Ion	Ratio	Lower	Upper
142	100		
141	99.0	72.6	109.0
115	53.8	31.6	47.4#



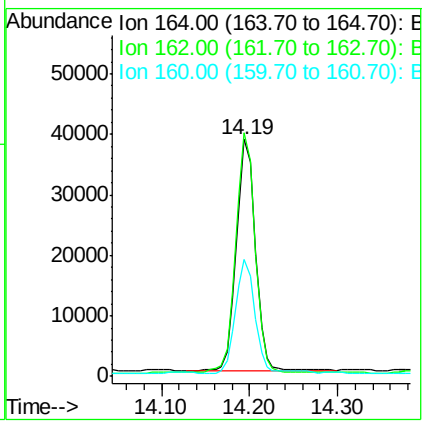


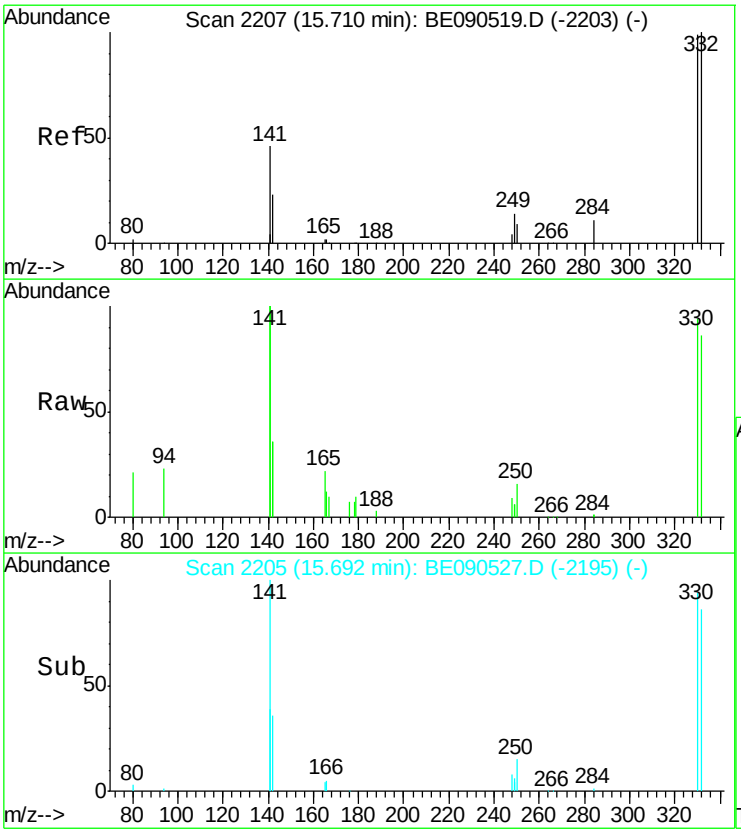
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:164 Resp: 57775

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	49.2	44.2	66.4

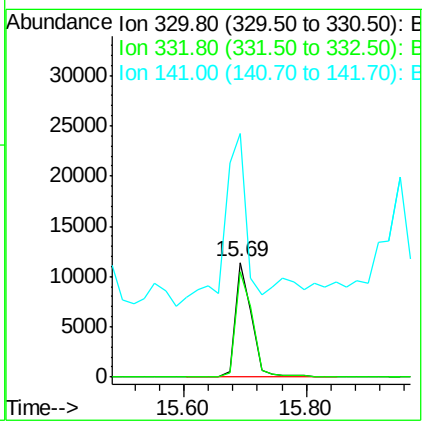


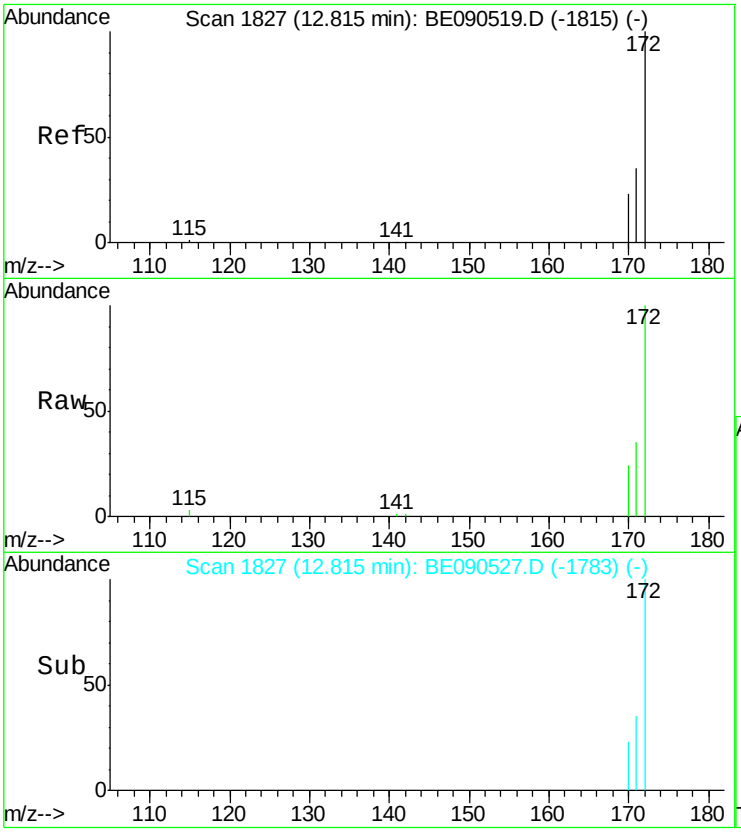


#13
2,4,6-Tribromophenol
Concen: 9.27 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:330 Resp: 20607

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	208.1	114.4	171.6#



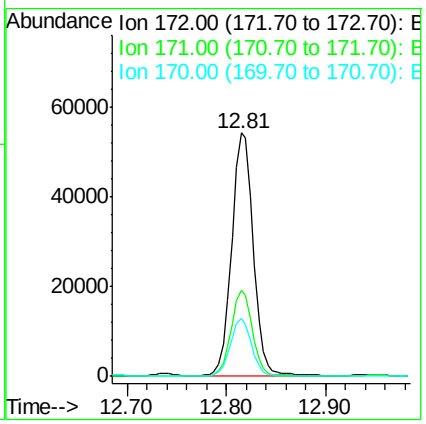


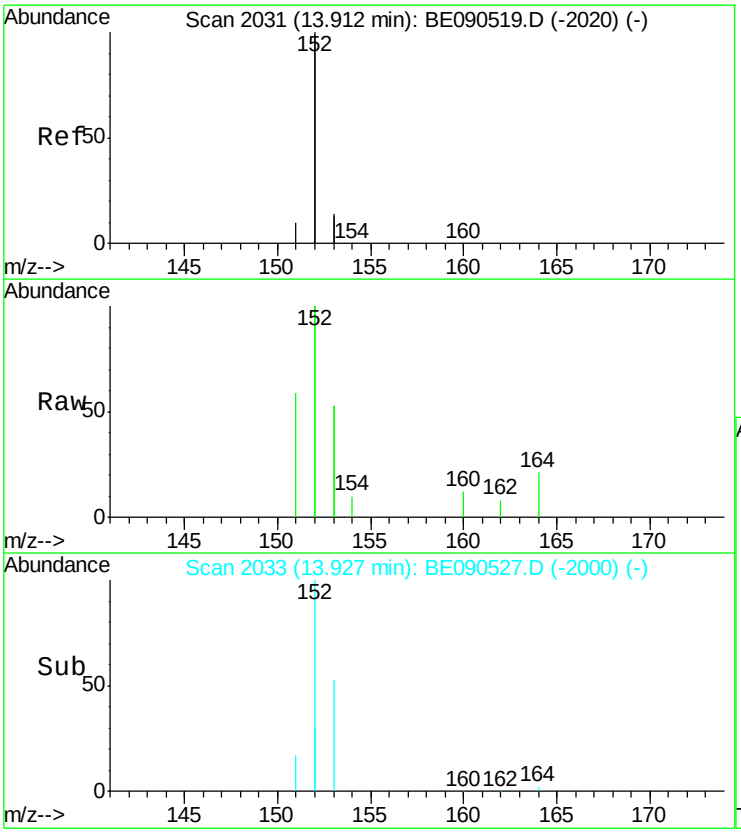
#14
2-Fluorobiphenyl
Concen: 4.77 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:172 Resp: 82383

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	19.8	29.8

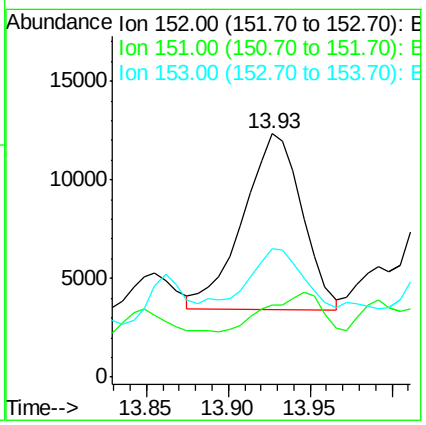


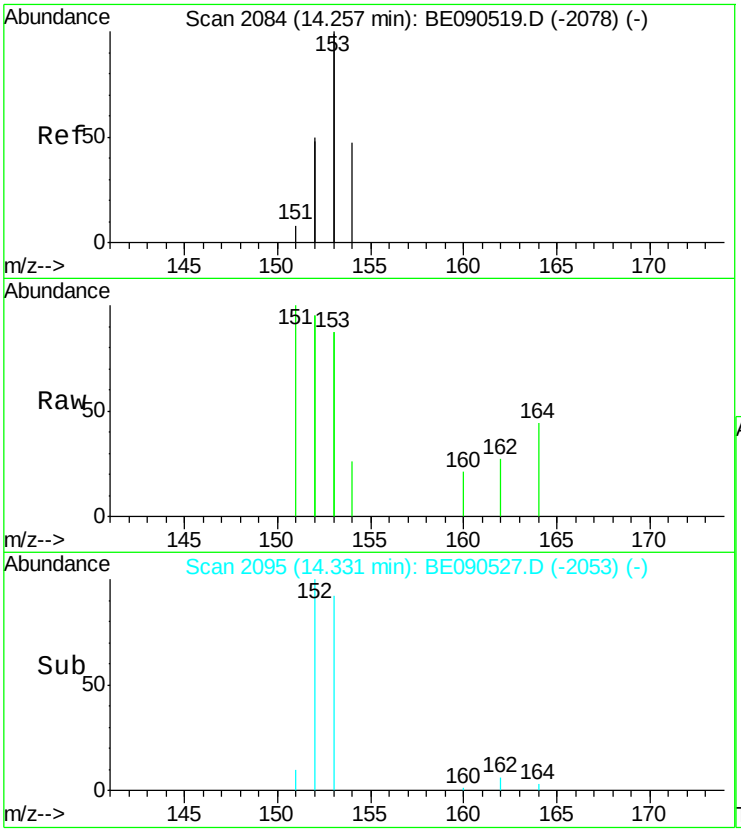


#15
Acenaphthylene
Concen: 0.21 ng
RT: 13.93 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:152 Resp: 22499

Ion	Ratio	Lower	Upper
152	100		
151	26.6	3.8	5.8#
153	33.4	10.3	15.5#



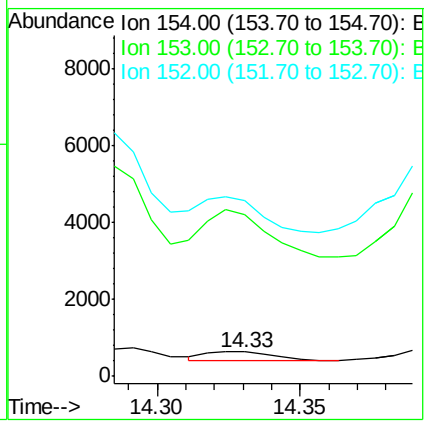


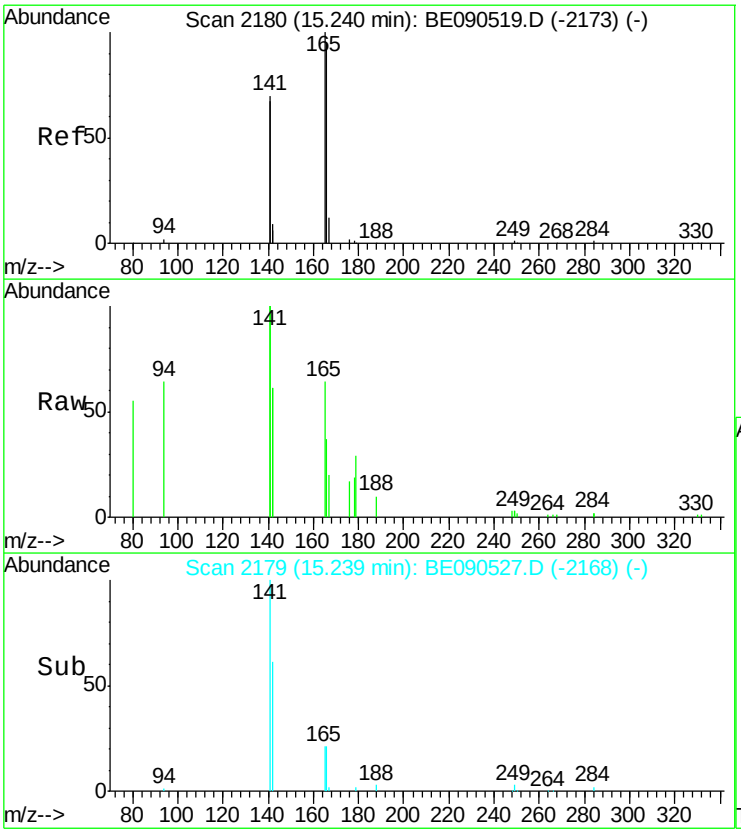
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.33 min Scan# 2095
Delta R.T. 0.07 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:154 Resp: 369

Ion	Ratio	Lower	Upper
154	100		
153	551.2	376.2	564.2
152	346.9	235.0	352.4

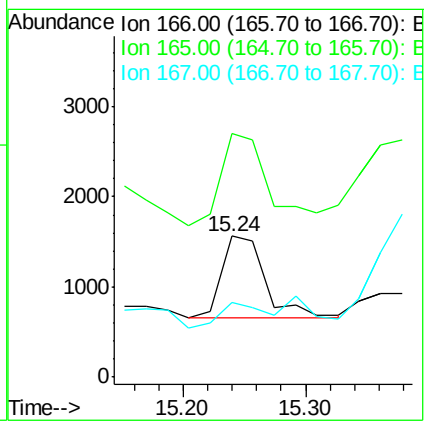


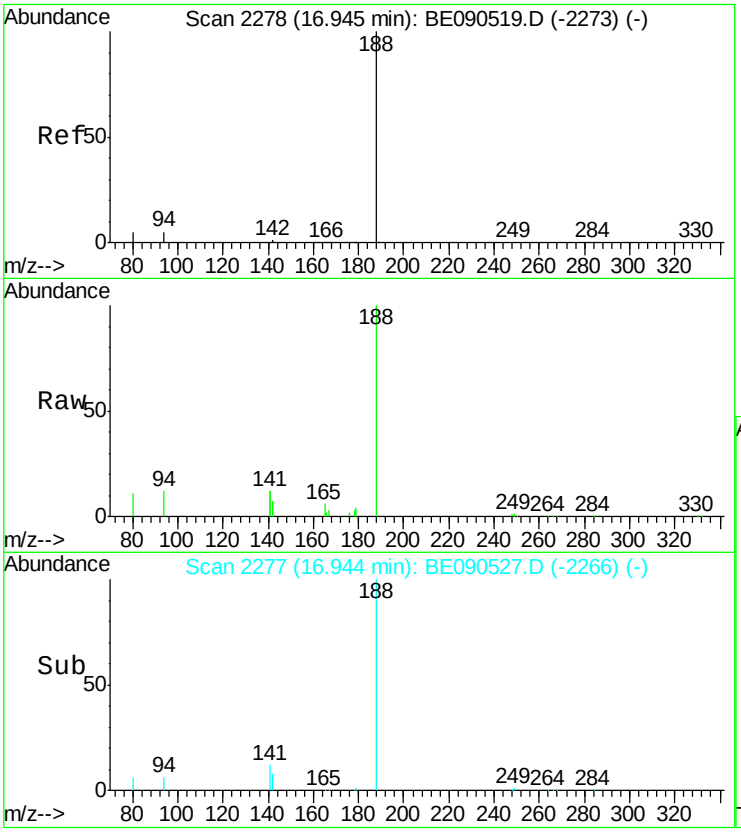


#17
Fluorene
Concen: 0.11 ng
RT: 15.24 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:166 Resp: 2203

Ion	Ratio	Lower	Upper
166	100		
165	127.6	81.5	122.3#
167	33.9	11.4	17.0#



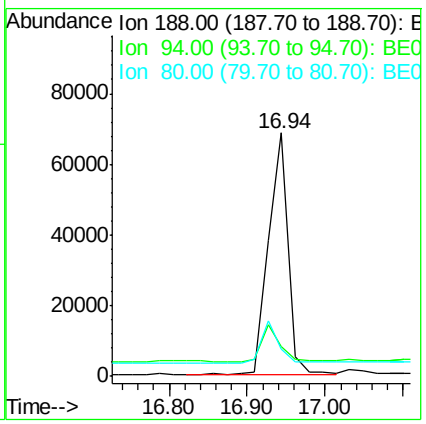


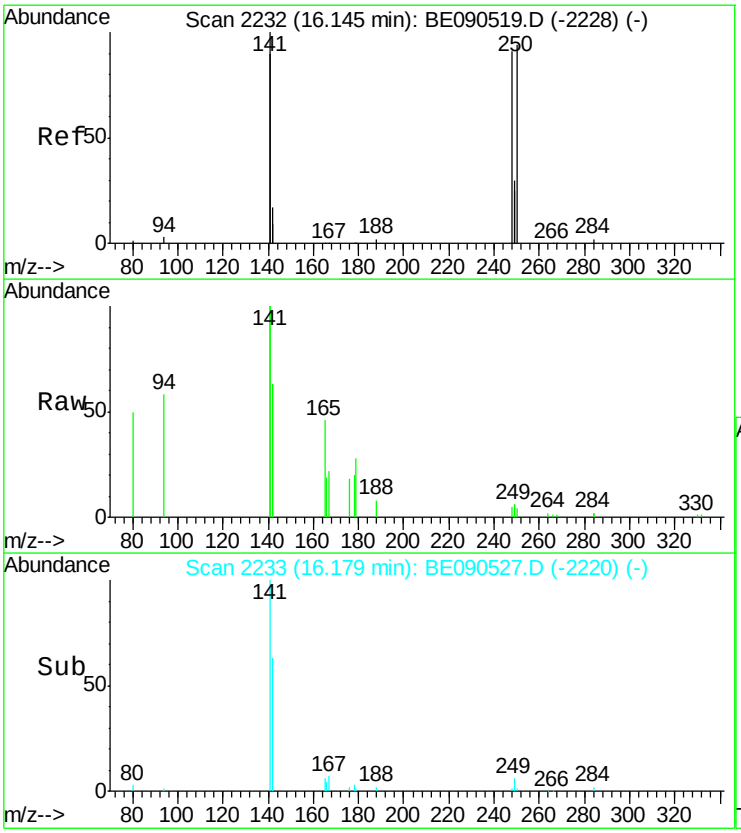
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:188 Resp: 117767

Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.7	8.5#
80	11.3	5.8	8.8#

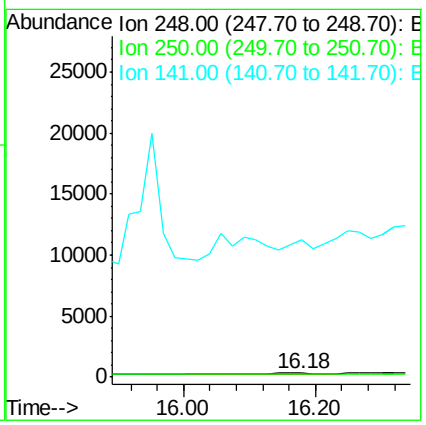


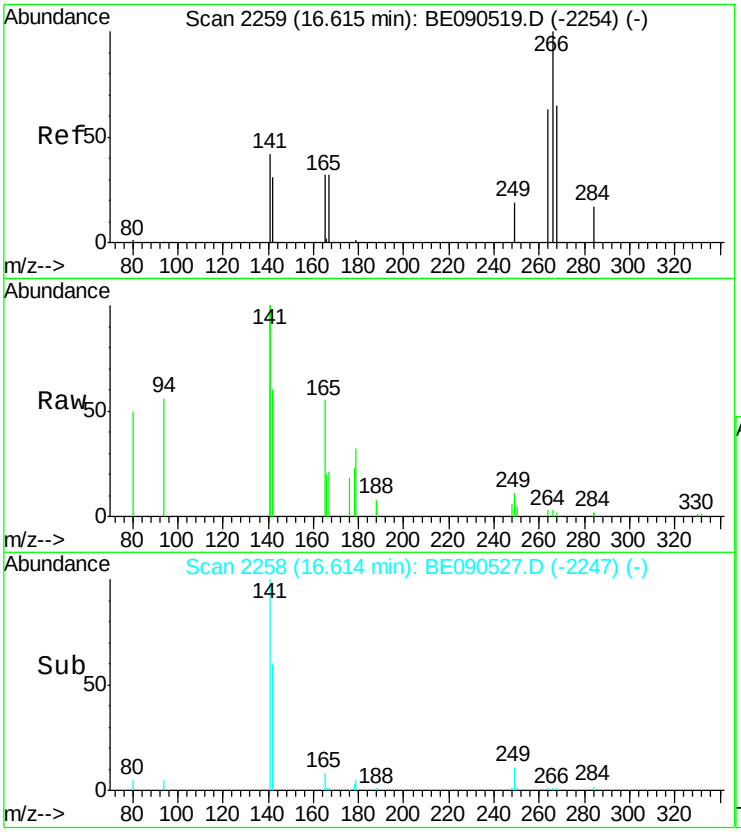


#19
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.18 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:248 Resp: 552

Ion	Ratio	Lower	Upper
248	100		
250	28.8	79.0	118.6#
141	276.1	239.5	359.3



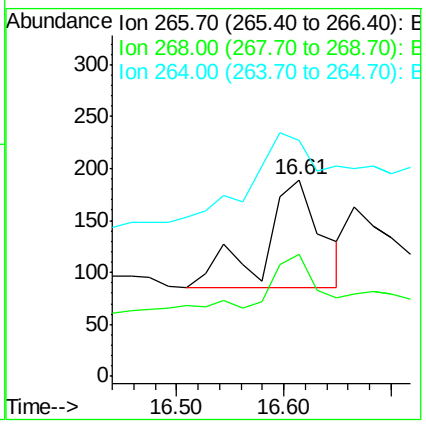


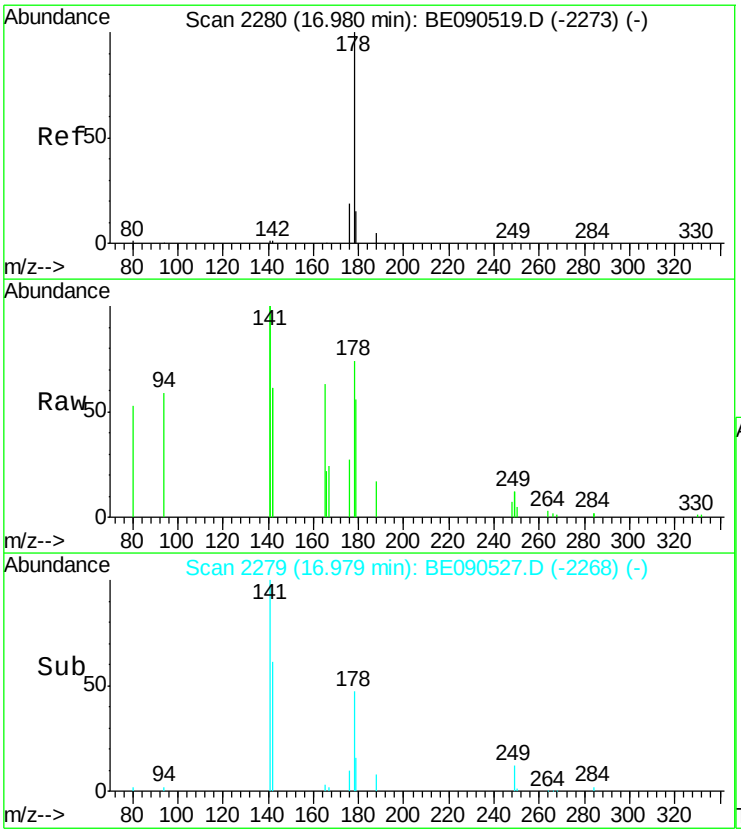
#21
Pentachlorophenol
Concen: 0.45 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:266 Resp: 390

Ion	Ratio	Lower	Upper
266	100		
268	62.4	58.5	87.7
264	120.1	56.0	84.0#

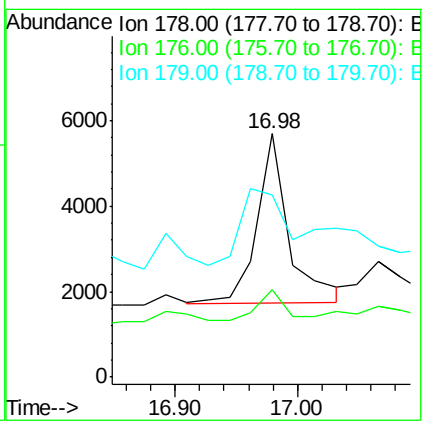


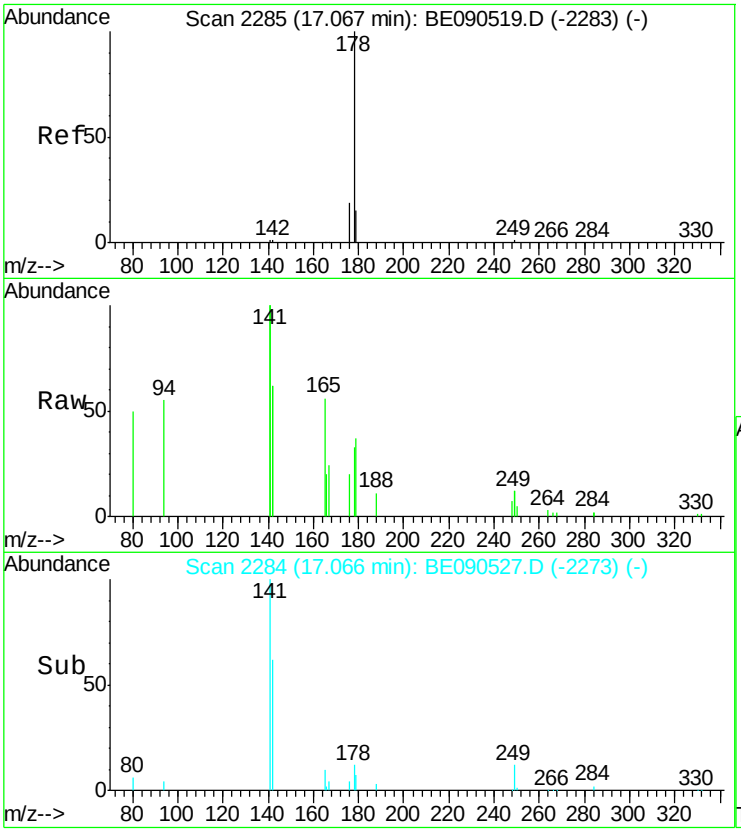


#22
Phenanthrene
Concen: 0.23 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:178 Resp: 7206

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	72.6	12.5	18.7#



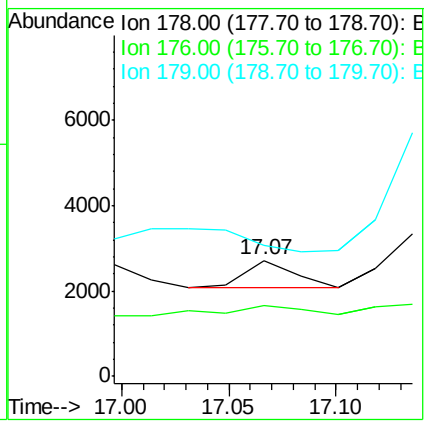


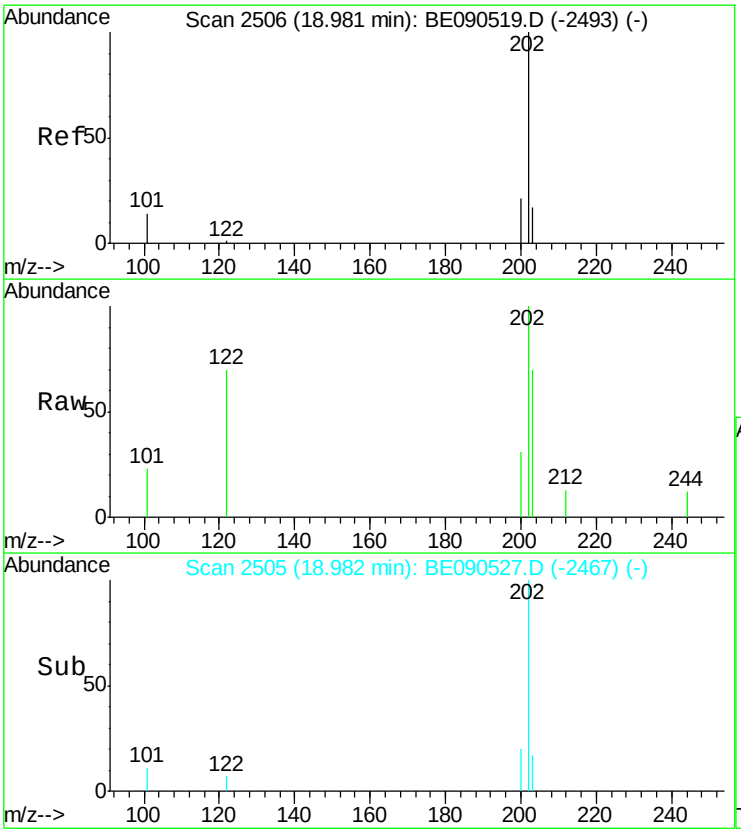
#23
Anthracene
Concen: 0.04 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:178 Resp: 1010

Ion	Ratio	Lower	Upper
178	100		
176	64.7	14.9	22.3#
179	0.0	12.2	18.4#

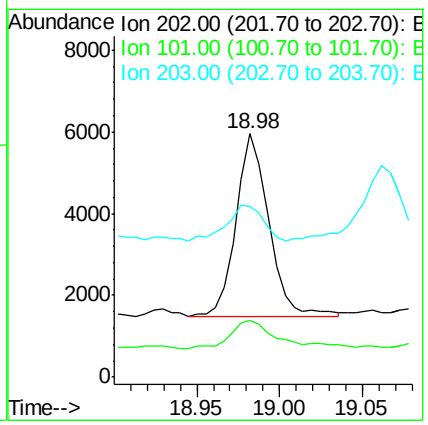


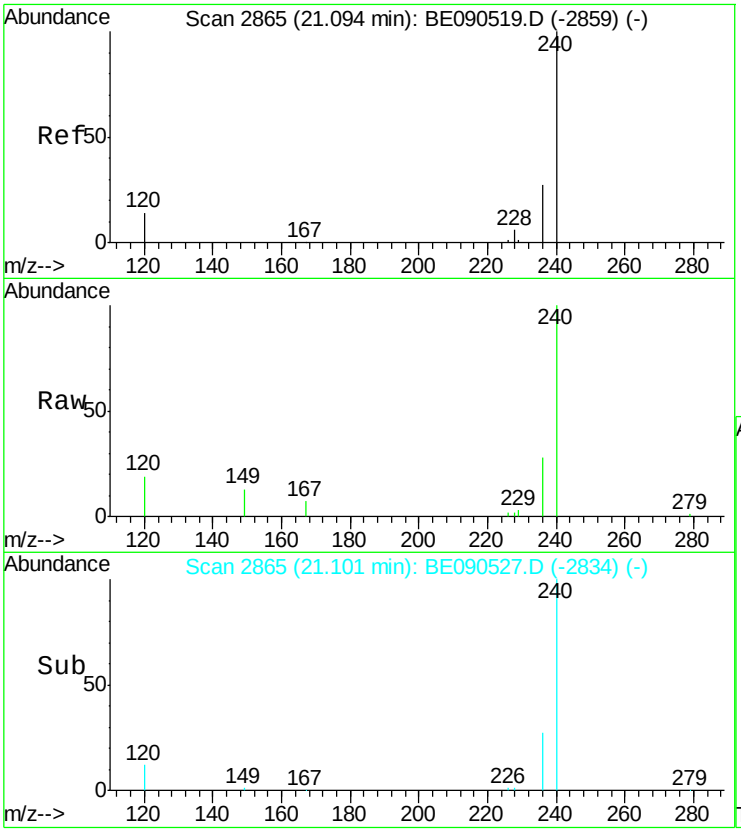


#24
Fluoranthene
Concen: 0.19 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:202 Resp: 6240

Ion	Ratio	Lower	Upper
202	100		
101	21.1	10.3	15.5#
203	21.6	13.7	20.5#



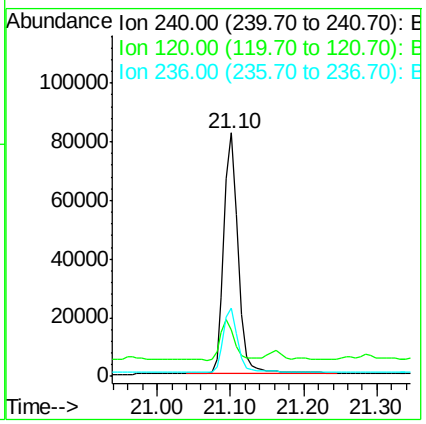


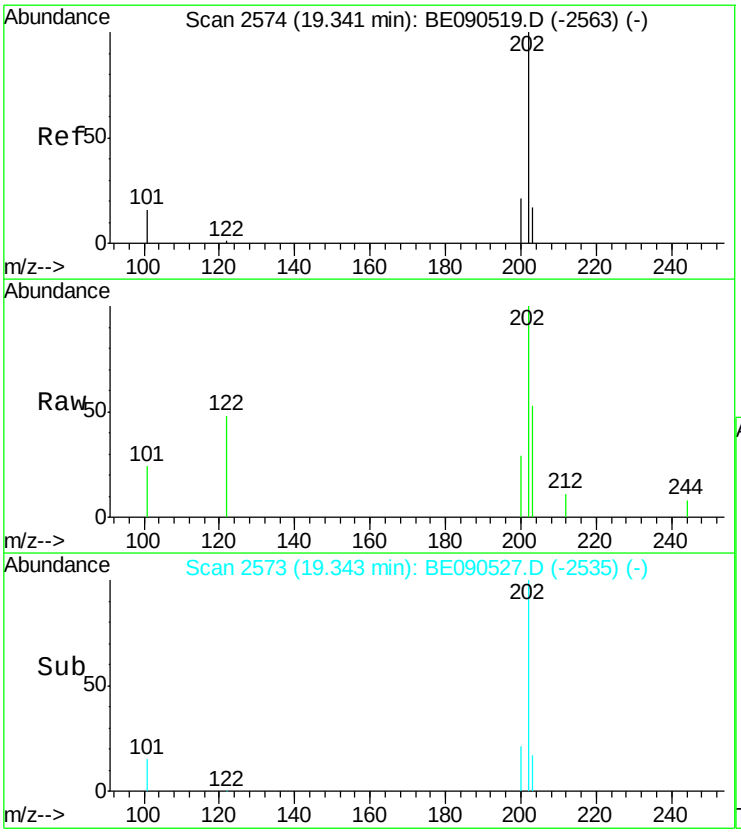
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:240 Resp: 112642

Ion	Ratio	Lower	Upper
240	100		
120	19.2	8.3	12.5#
236	27.9	21.0	31.4

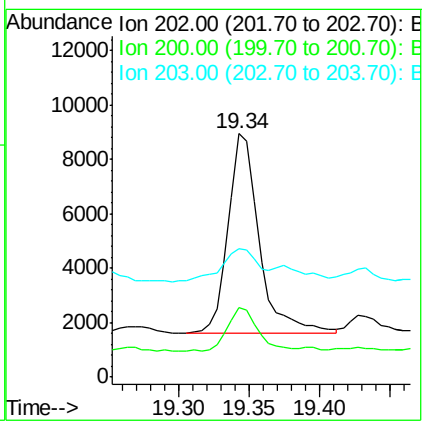


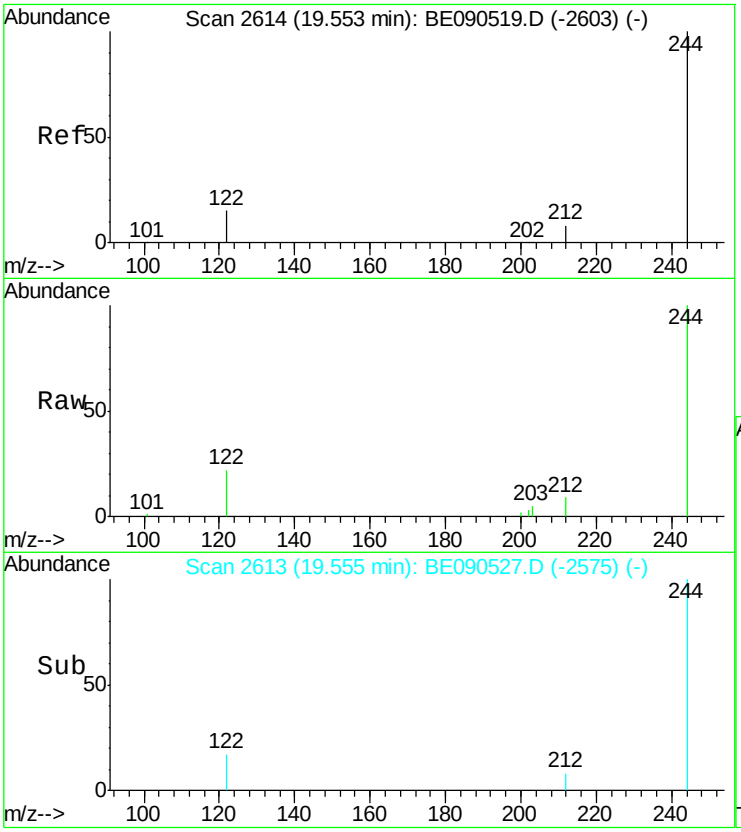


#26
Pyrene
Concen: 0.35 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:202 Resp: 11142

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	19.2	13.8	20.8



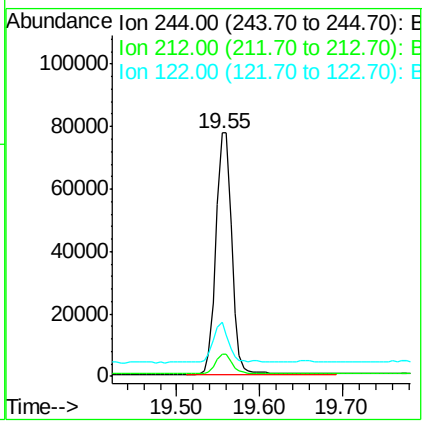


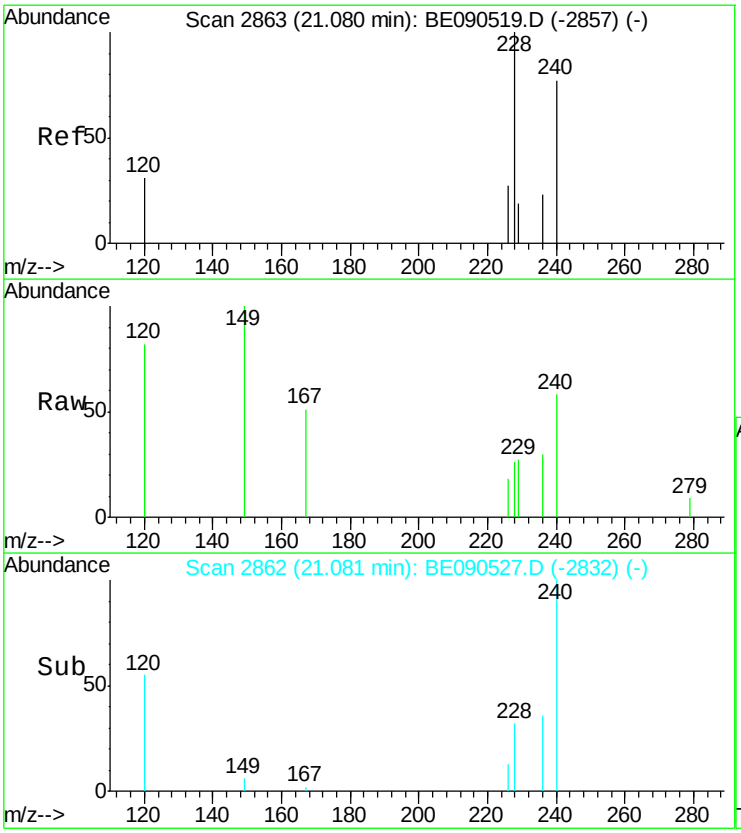
#27
Terphenyl-d14
Concen: 4.99 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:244 Resp: 102736

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.6	9.8
122	22.2	10.2	15.4#

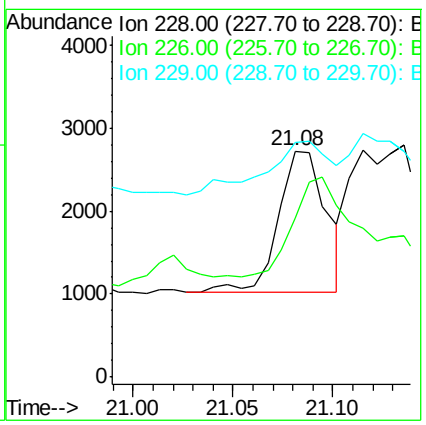


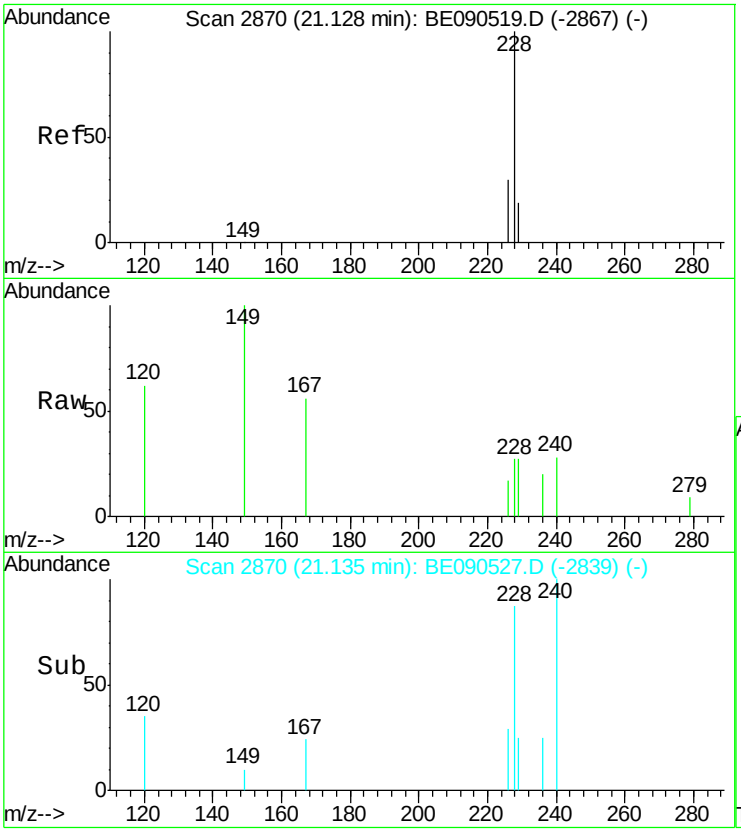


#28
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:228 Resp: 2839

Ion	Ratio	Lower	Upper
228	100		
226	70.2	21.9	32.9#
229	104.0	15.4	23.0#



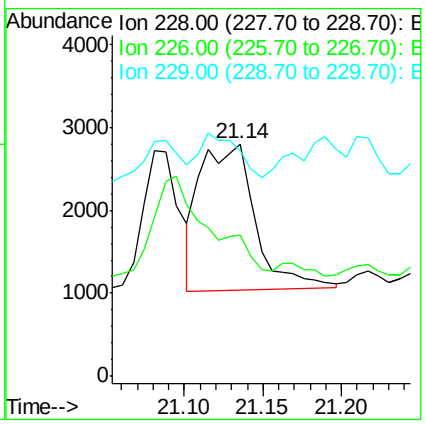


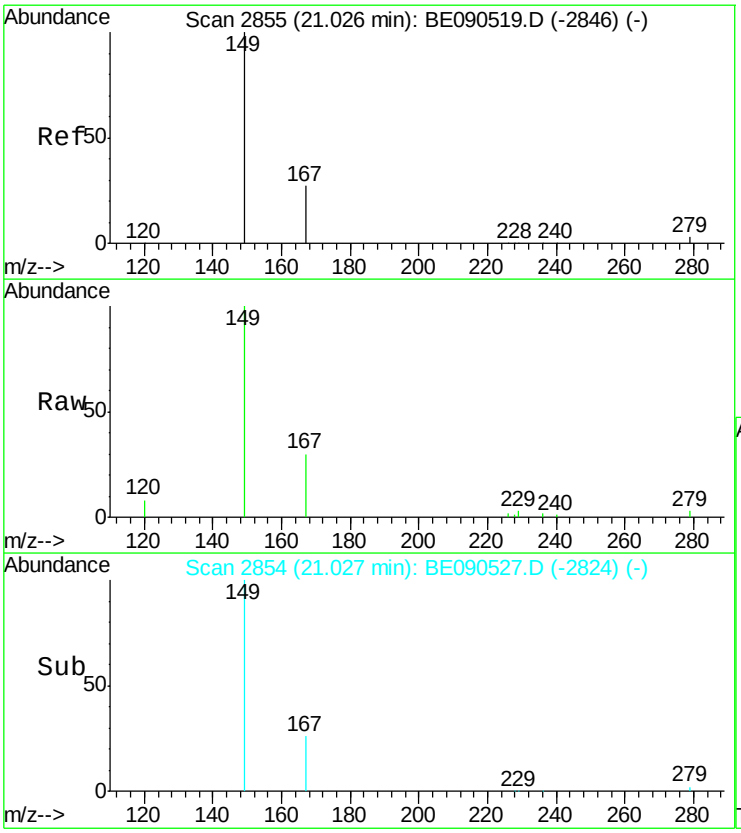
#29
Chrysene
Concen: 0.14 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:228 Resp: 4312

Ion	Ratio	Lower	Upper
228	100		
226	60.5	23.1	34.7#
229	97.0	15.8	23.8#

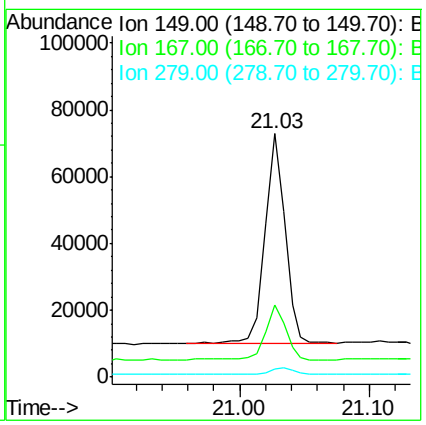


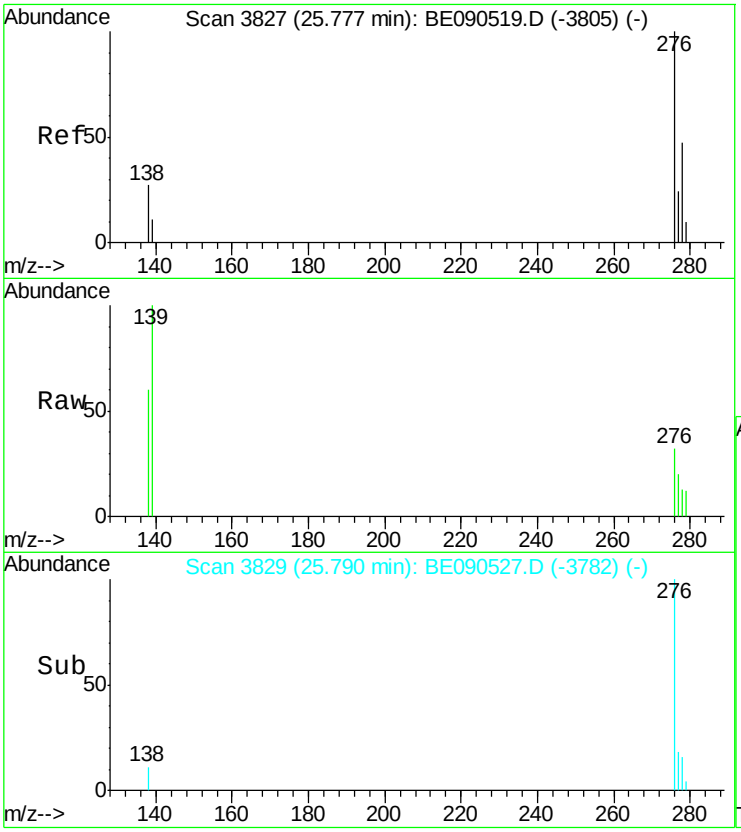


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.83 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:149 Resp: 67112

Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.8	29.8
279	3.1	2.4	3.6



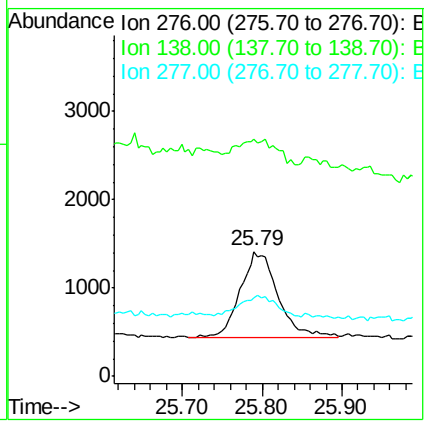


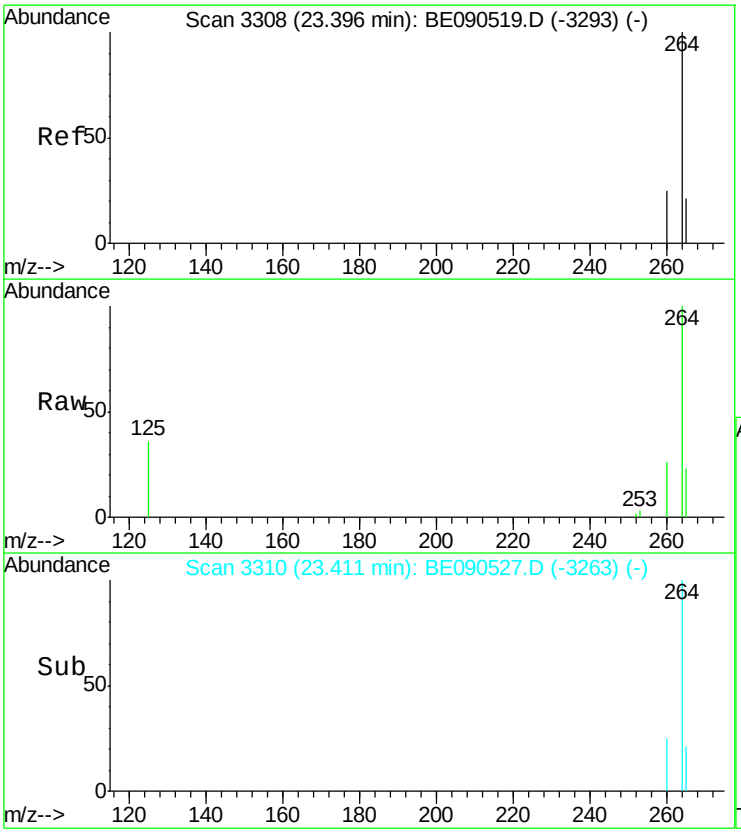
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:276 Resp: 3262

Ion	Ratio	Lower	Upper
276	100		
138	30.1	18.8	28.2#
277	24.7	18.2	27.4

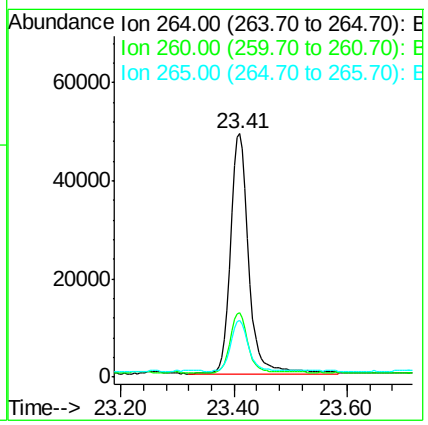


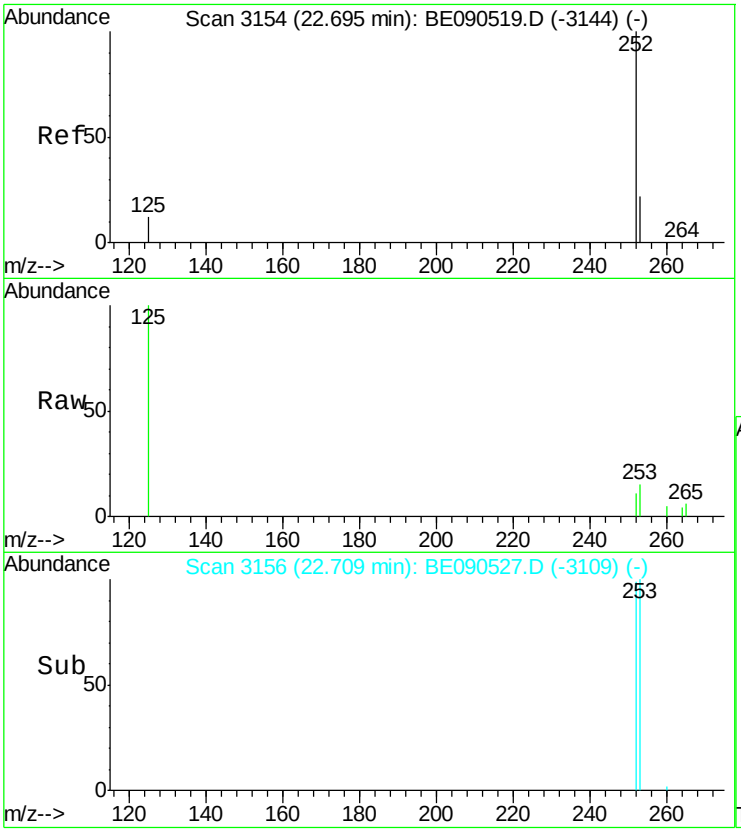


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3310
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:264 Resp: 108777

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.1	30.1
265	23.4	17.2	25.8



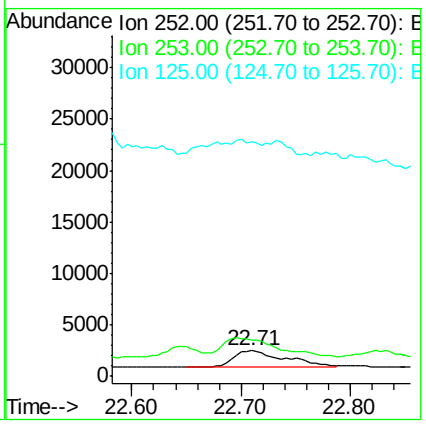


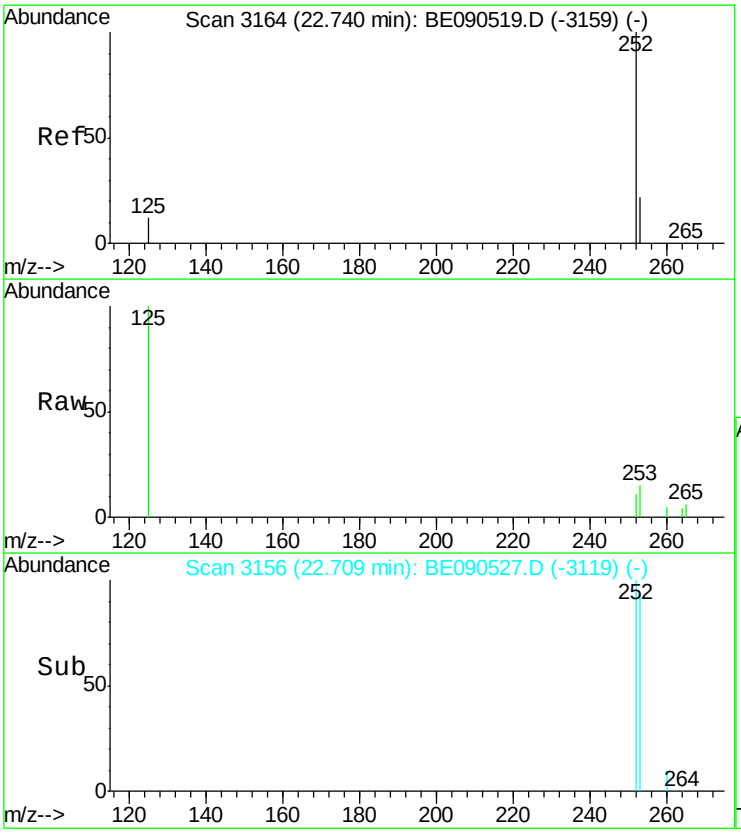
#33
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.71 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:252 Resp: 5417

Ion	Ratio	Lower	Upper
252	100		
253	139.6	18.1	27.1#
125	910.9	9.4	14.2#

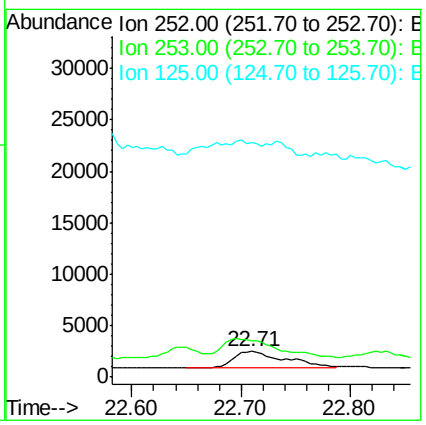


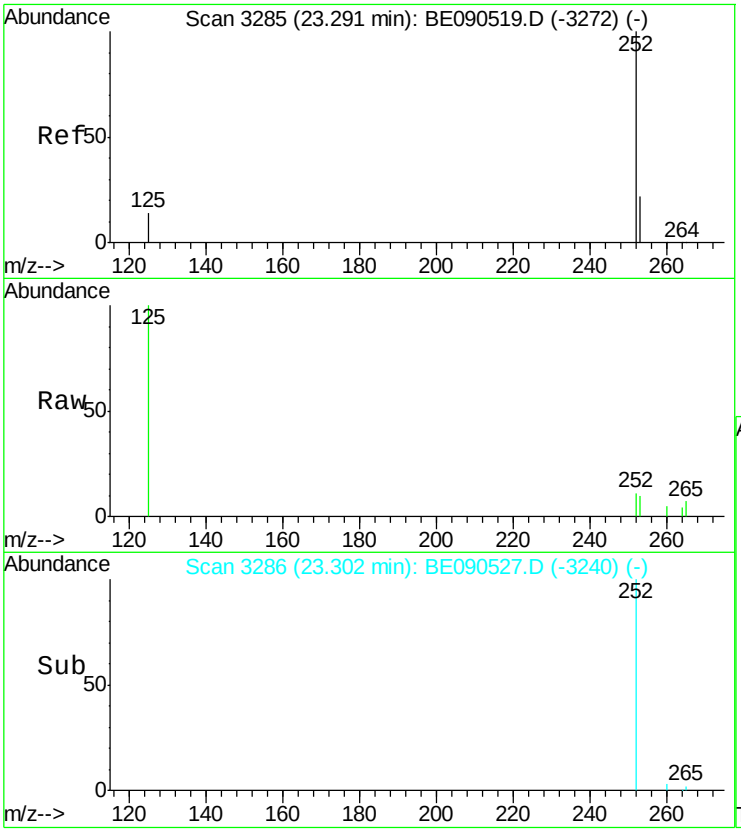


#34
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.03 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:252 Resp: 5417

Ion	Ratio	Lower	Upper
252	100		
253	139.6	18.1	27.1#
125	910.9	9.1	13.7#



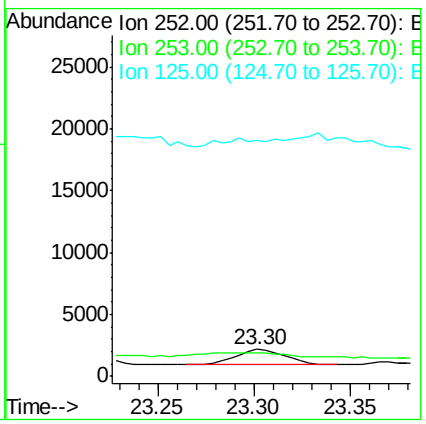


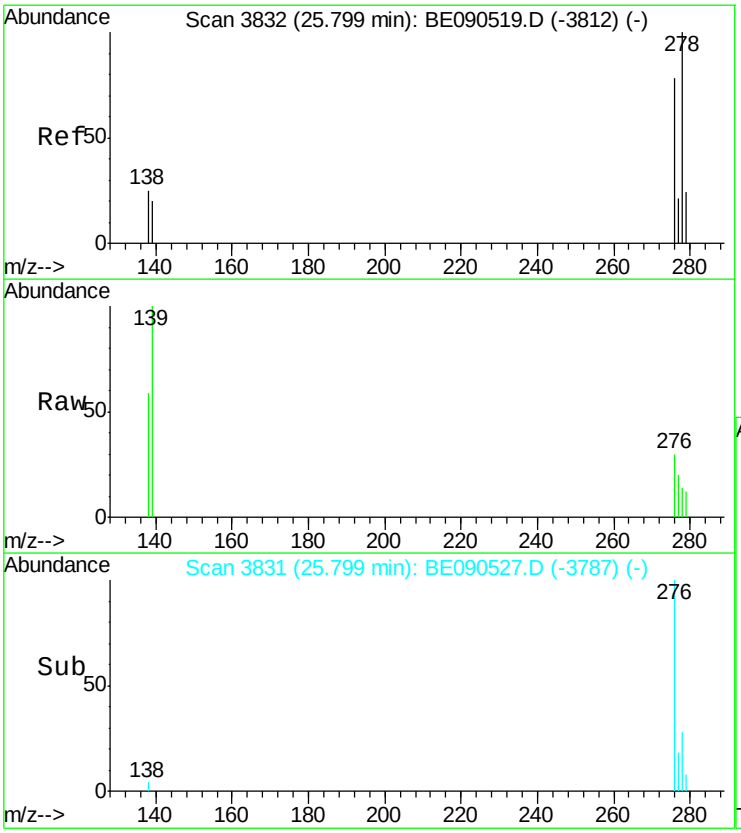
#35
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.30 min Scan# 3286
Delta R.T. 0.01 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:252 Resp: 2276

Ion	Ratio	Lower	Upper
252	100		
253	85.5	17.6	26.4#
125	880.1	9.8	14.6#

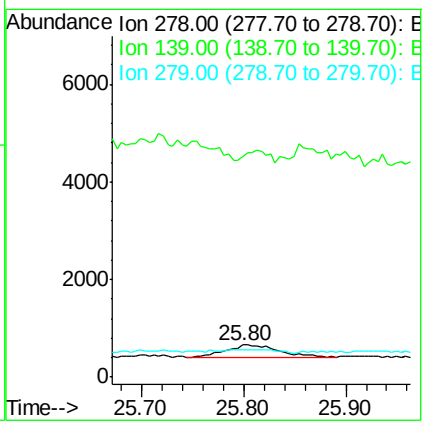


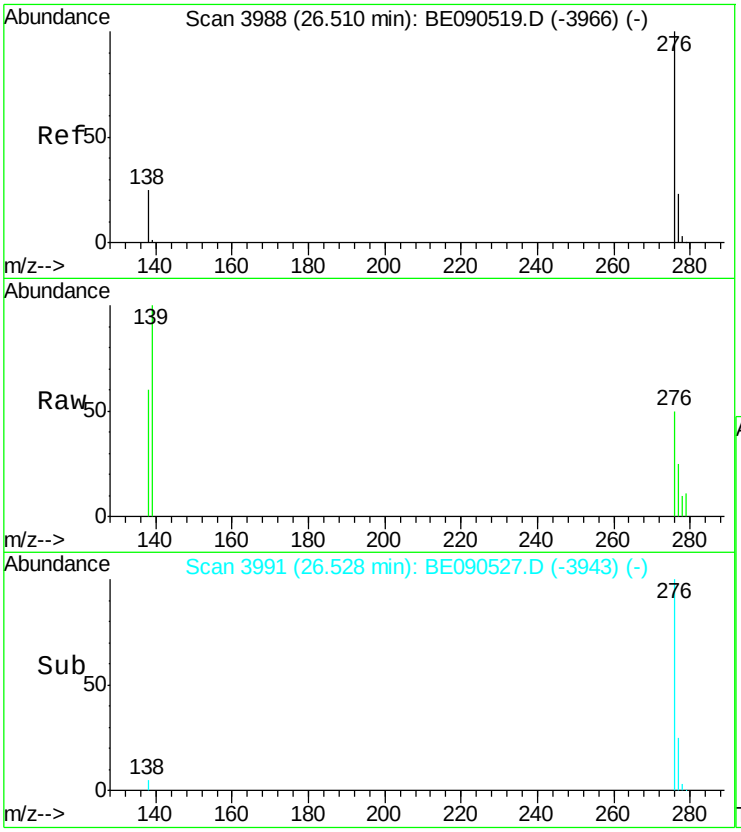


#36
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.80 min Scan# 3831
Delta R.T. -0.00 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Tgt Ion:278 Resp: 886

Ion	Ratio	Lower	Upper
278	100		
139	695.7	14.2	21.4#
279	86.3	20.1	30.1#





#37
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 26.53 min Scan# 3991
Delta R.T. 0.02 min
Lab File: BE090527.D
Acq: 14 Aug 2015 19:10

Instrument :
BNA_E
ClientSampleId :
S8-9003

Tgt Ion:276 Resp: 5790

Ion	Ratio	Lower	Upper
276	100		
277	50.7	20.1	30.1#
138	120.7	18.1	27.1#