Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070215\
Data File : BE090053.D
Acq On : 2 Jul 2015 16:33
Operator : TP/IZ
Sample : G2810-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0600624-150625RE

Quant Time: Jul 03 01:33:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11663	5.00	ng		-0.02
6) Naphthalene-d8	10.37	136	53719	5.00	ng		-0.02
12) Acenaphthene-d10	14.22	164	30576	5.00	ng		-0.01
18) Phenanthrene-d10	16.96	188	68800	5.00	ng		-0.02
25) Chrysene-d12	21.12	240	81273	5.00	ng		-0.01
32) Perylene-d12	23.44	264	74836	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	19859	7.41	ng		-0.01
5) Phenol-d6	6.79	99	31652	8.44	ng		-0.01
7) Nitrobenzene-d5	8.75	82	18677	4.38	ng		-0.01
13) 2,4,6-Tribromophenol	15.73	330	5321	5.94	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	41363	4.50	ng		-0.01
27) Terphenyl-d14	19.58	244	59168	4.37	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.52	42	54	0.02	ng	#	53
9) Naphthalene	10.41	128	323	0.03	ng	#	57
11) 2-Methylnaphthalene	12.03	142	265	0.03	ng	#	87
15) Acenaphthylene	13.94	152	2187	0.04	ng		97
16) Acenaphthene	14.28	154	387	0.05	ng		91
17) Fluorene	15.27	166	822	0.08	ng	#	85
19) 4-Bromophenyl-phenylether	16.16	248	118	0.04	ng	#	56
20) Hexachlorobenzene	16.28	284	461	0.04	ng	#	1
21) Pentachlorophenol	16.63	266	305	0.45	ng		92
22) Phenanthrene	17.00	178	5538	0.31	ng		98
23) Anthracene	17.00	178	5538	0.34	ng		98
24) Fluoranthene	19.00	202	12232	0.62	ng		100
26) Pyrene	19.36	202	11644	0.60	ng		97
28) Benzo(a)anthracene	21.10	228	8302	0.41	ng		99
29) Chrysene	21.16	228	9108	0.43	ng		98
30) Bis(2-ethylhexyl)phthalate	21.05	149	1013	0.41	ng		100
31) Indeno(1,2,3-cd)pyrene	25.84	276	4334	0.21	ng		99
33) Benzo(b)fluoranthene	22.73	252	10083	0.61	ng		96
34) Benzo(k)fluoranthene	22.73	252	10083	0.55	ng		96
35) Benzo(a)pyrene	23.33	252	6740	0.44	ng	#	94
36) Dibenzo(a,h)anthracene	25.85	278	1608	0.10	ng	#	79
37) Benzo(g,h,i)perylene	26.57	276	4305	0.27	ng		94

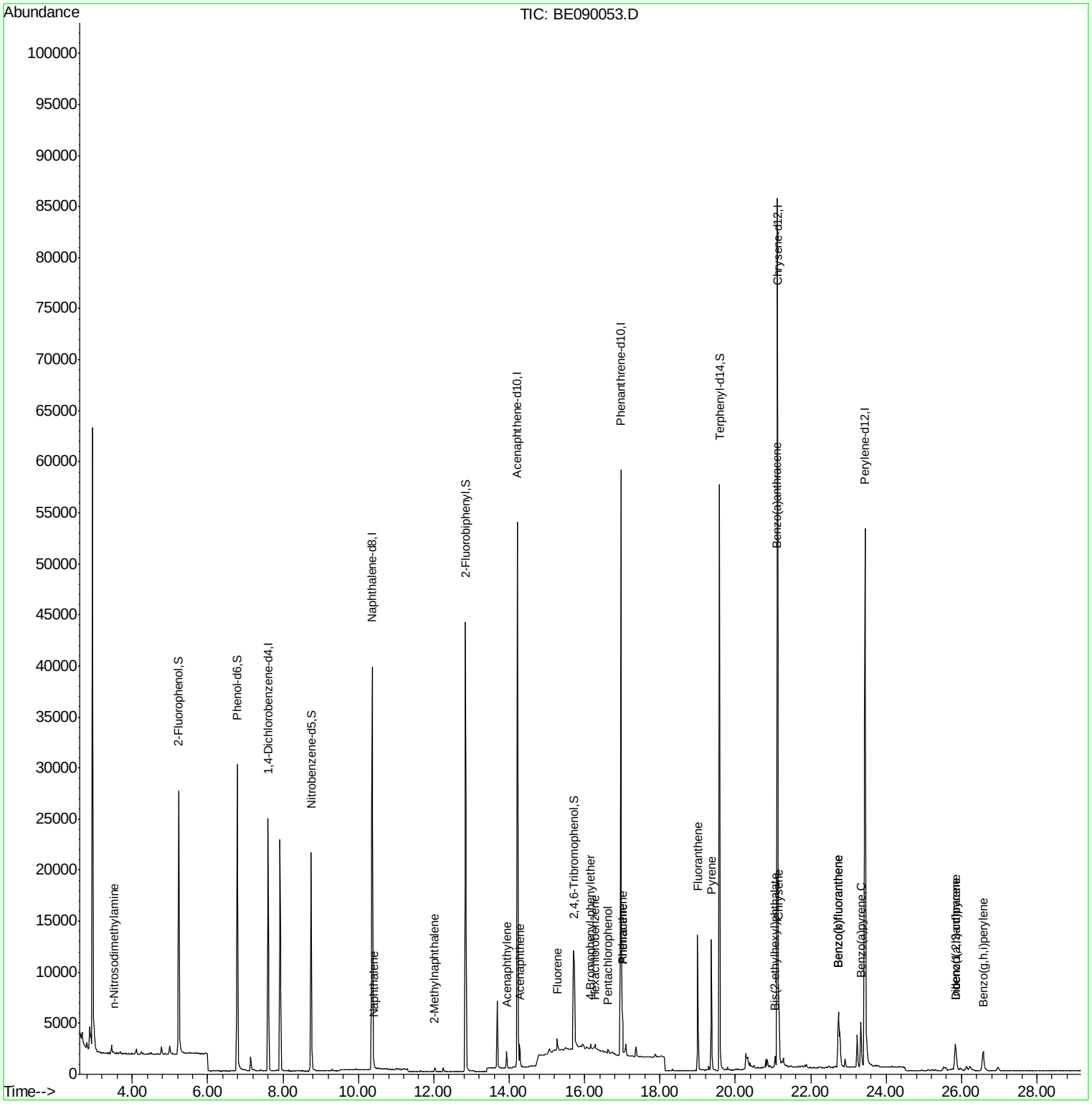
(#) = qualifier out of range (m) = manual integration (+) = signals summed

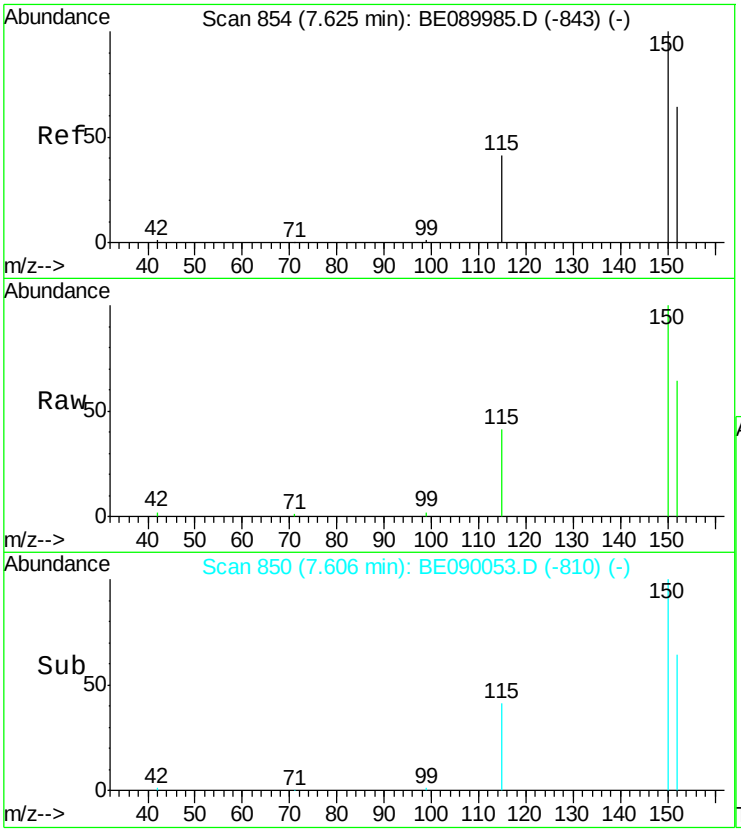
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070215\
Data File : BE090053.D
Acq On : 2 Jul 2015 16:33
Operator : TP/IZ
Sample : G2810-02RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Quant Time: Jul 03 01:33:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



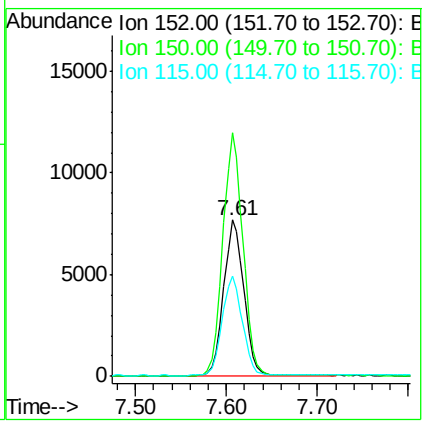


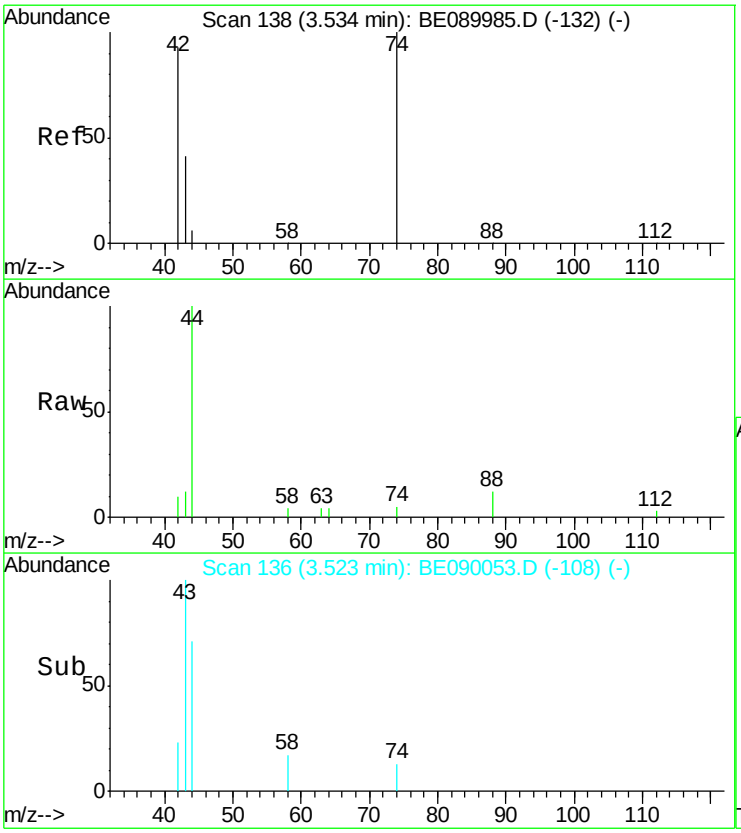
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:152 Resp: 11663

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.9	185.9
115	64.3	50.6	76.0

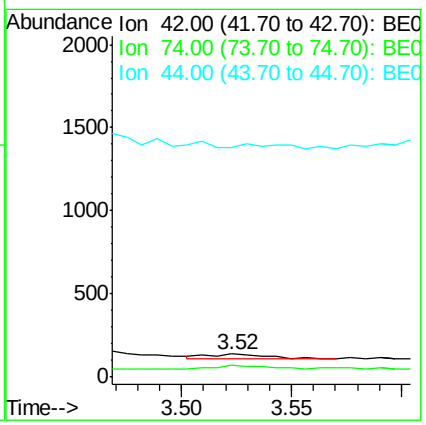


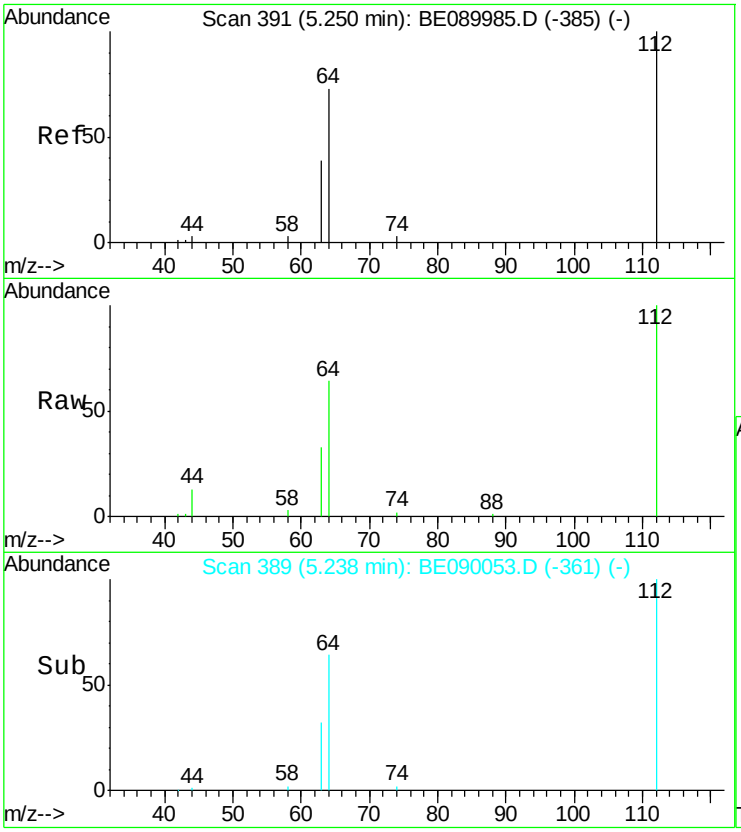


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.52 min Scan# 136
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	77.8	89.4	134.2#
44	98.1	6.9	10.3#



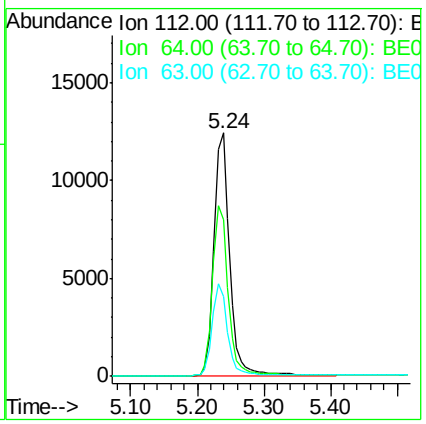


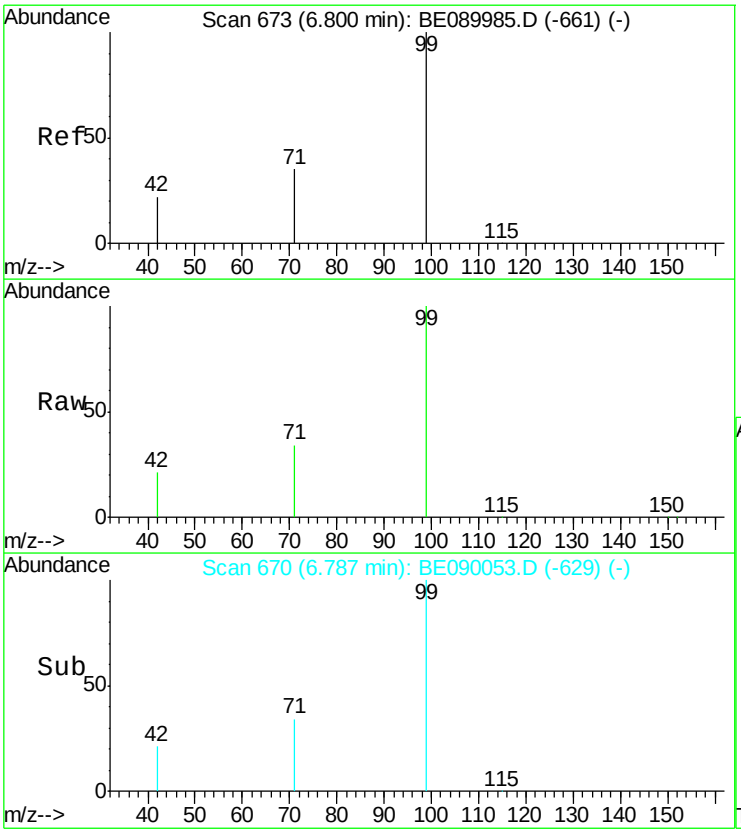
#4
2-Fluorophenol
Concen: 7.41 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:112 Resp: 19859

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	37.1	29.8	44.6

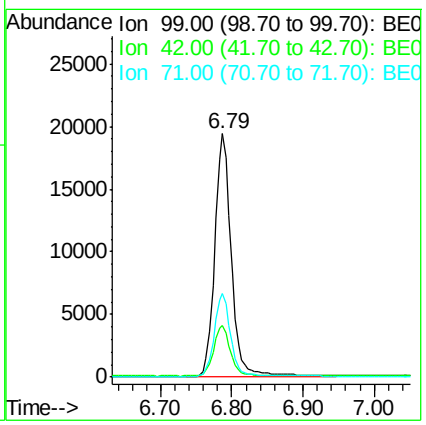


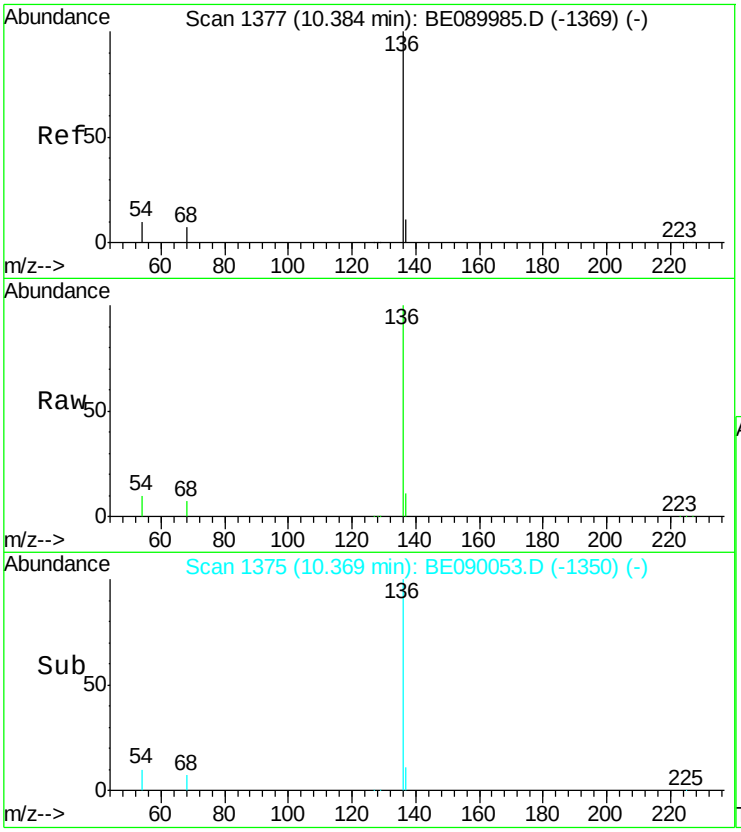


#5
Phenol-d6
Concen: 8.44 ng
RT: 6.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion: 99 Resp: 31652

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.7	28.1
71	34.1	27.5	41.3



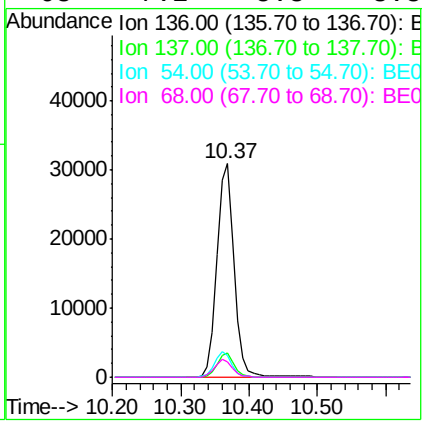


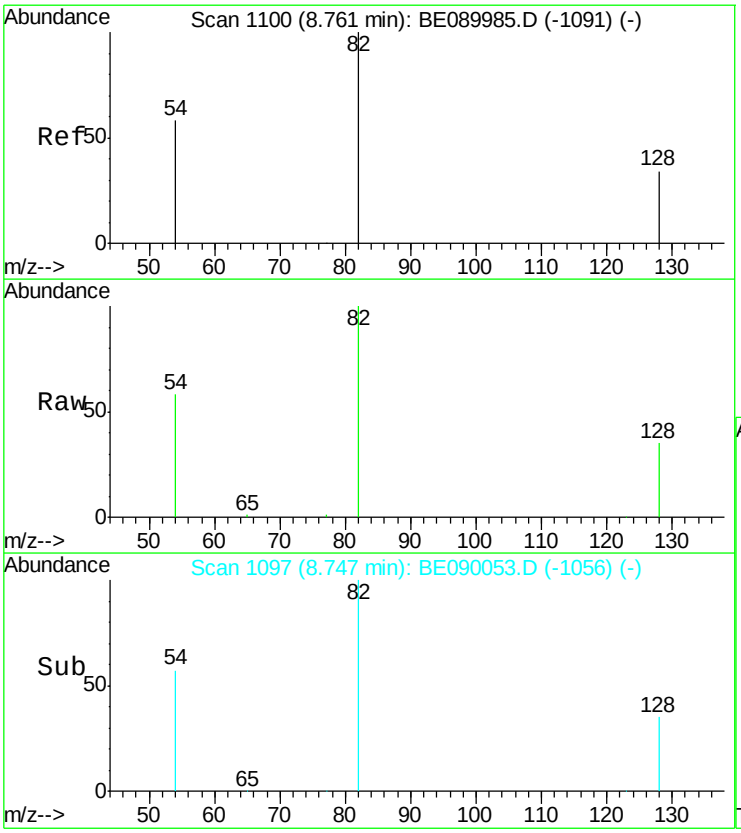
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:136 Resp: 53719

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	8.2	12.4
68	7.2	5.8	8.8

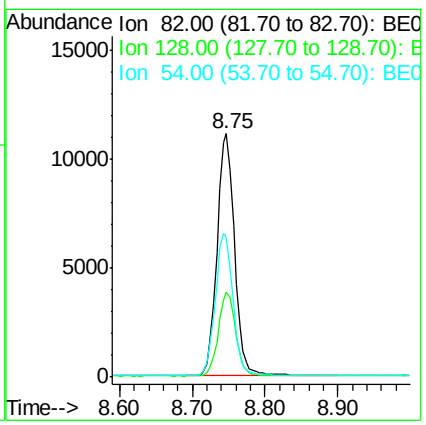


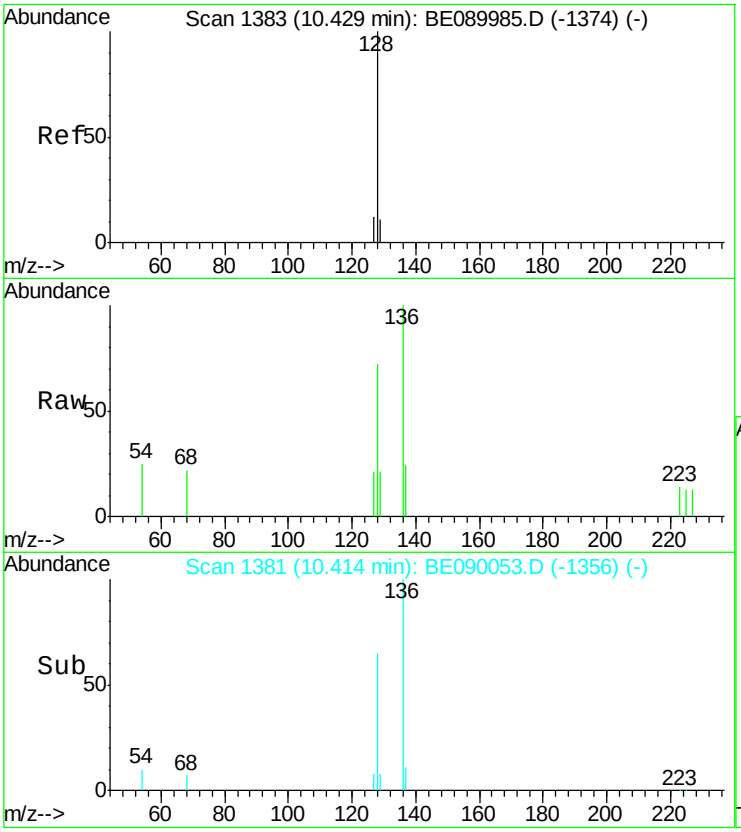


#7
Nitrobenzene-d5
Concen: 4.38 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion: 82 Resp: 18677

Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.0	42.0
54	57.7	47.6	71.4



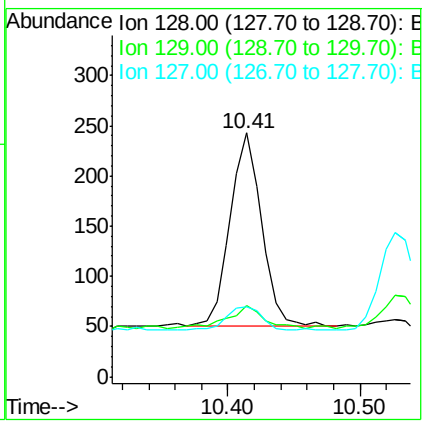


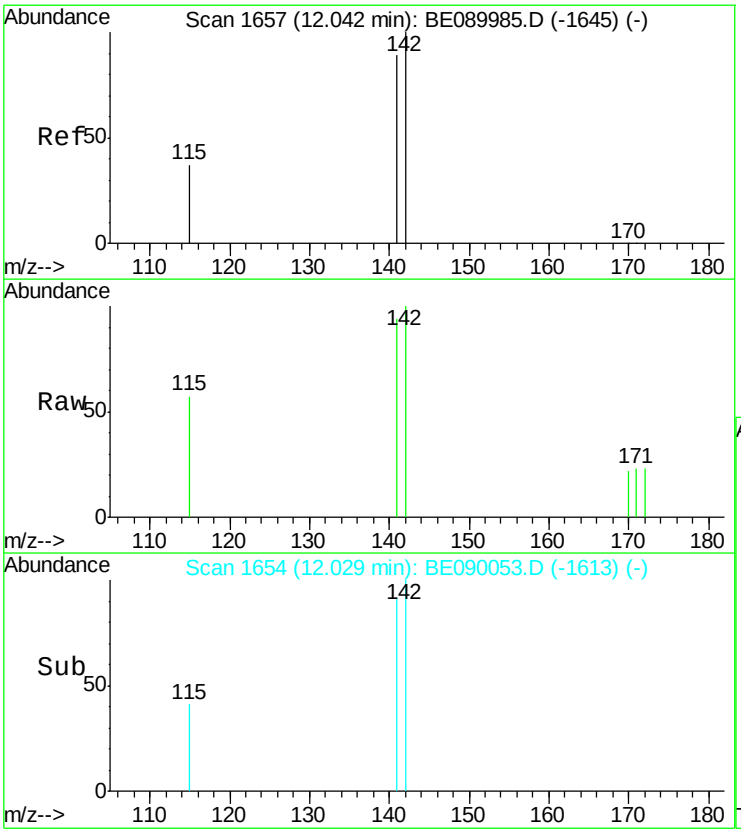
#9
Naphthalene
Concen: 0.03 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:128 Resp: 323

Ion	Ratio	Lower	Upper
128	100		
129	29.2	9.3	13.9#
127	28.8	10.2	15.4#

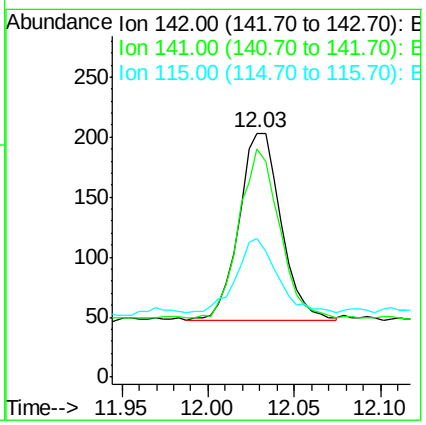


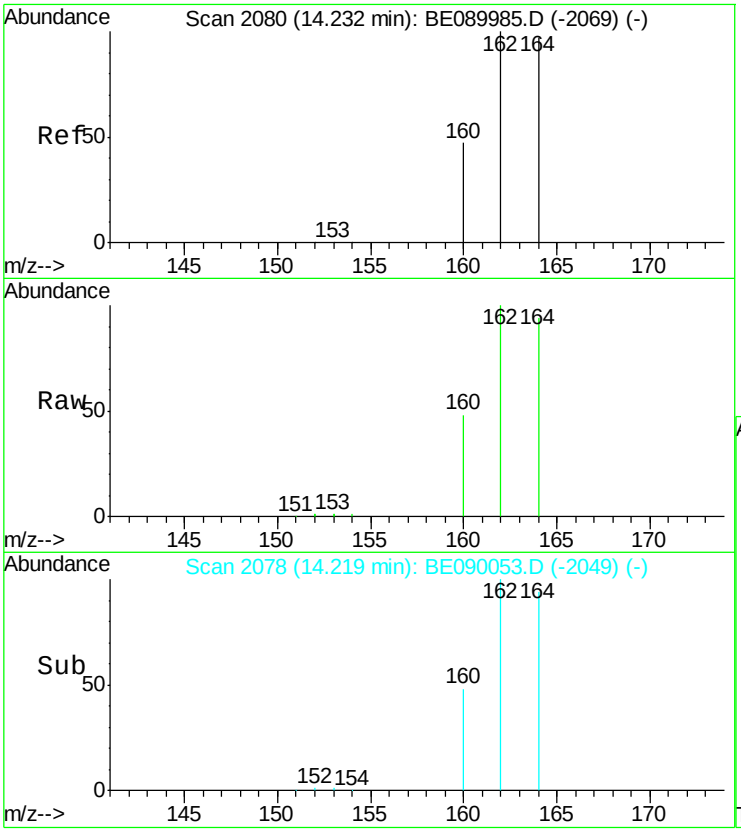


#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:142 Resp: 265

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.3	106.9
115	57.1	30.4	45.6#



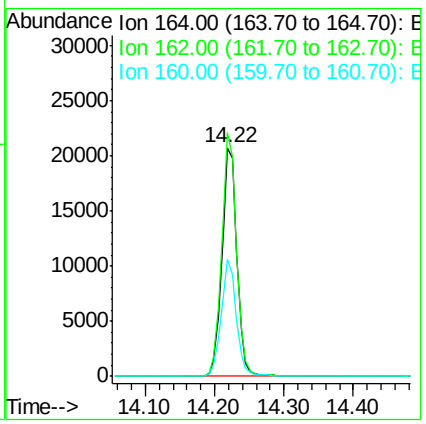


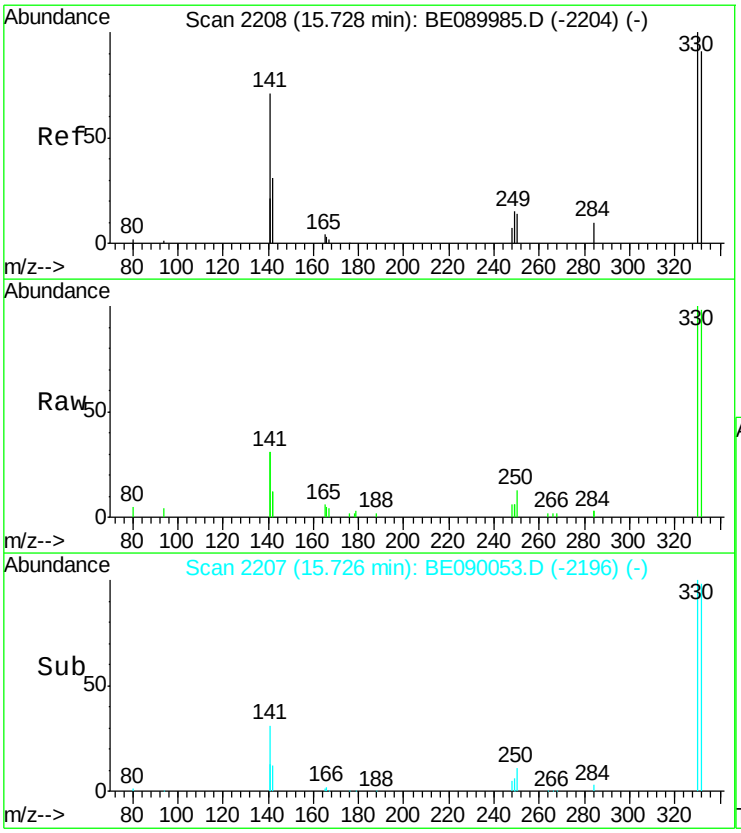
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:164 Resp: 30576

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.4
160	51.3	39.0	58.6

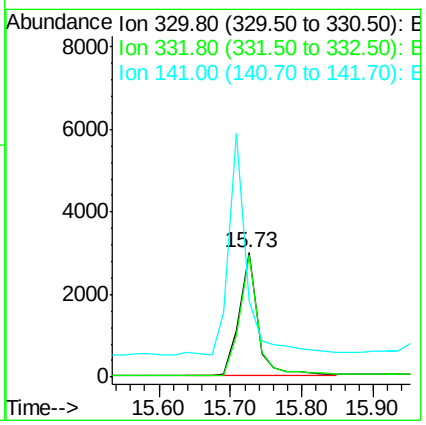


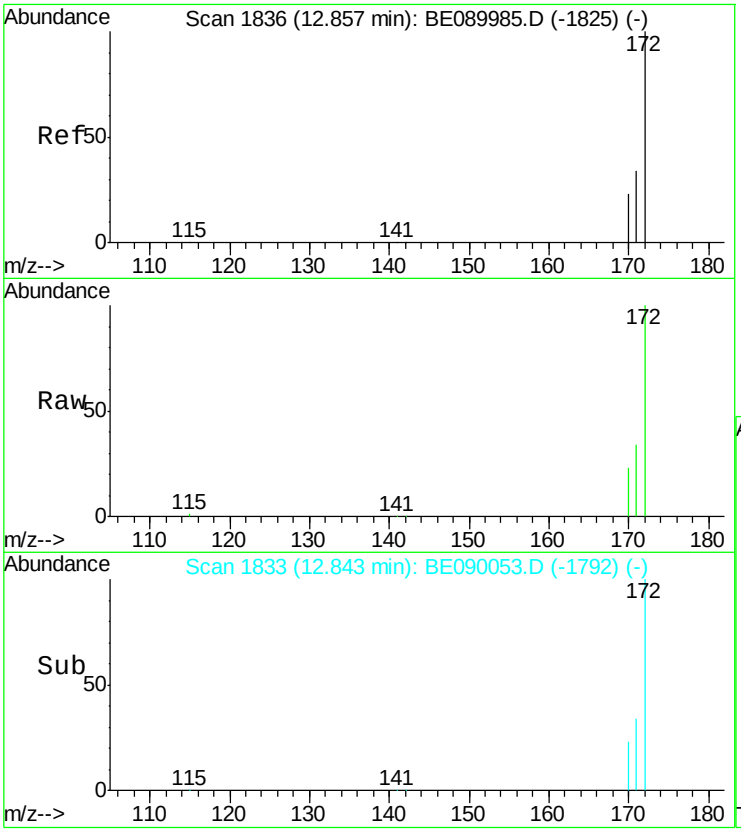


#13
2,4,6-Tribromophenol
Concen: 5.94 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:330 Resp: 5321

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	178.0	130.3	195.5



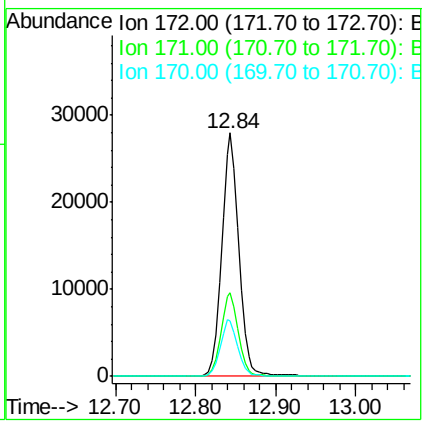


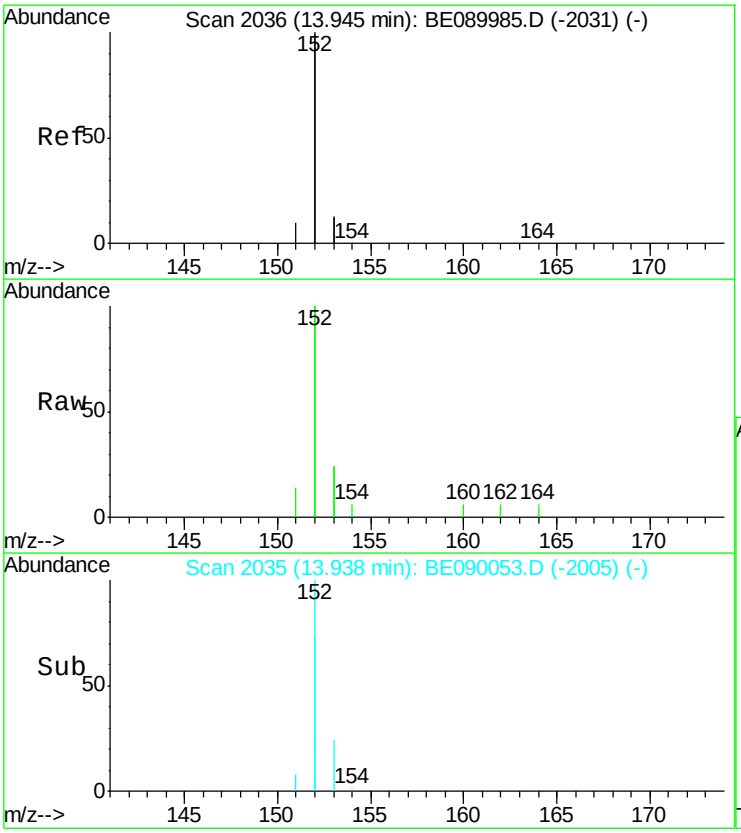
#14
2-Fluorobiphenyl
Concen: 4.50 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:172 Resp: 41363

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.7	18.3	27.5

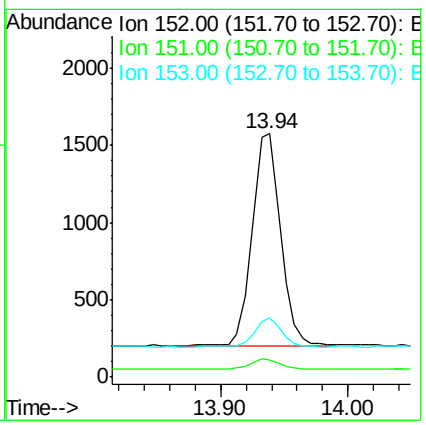


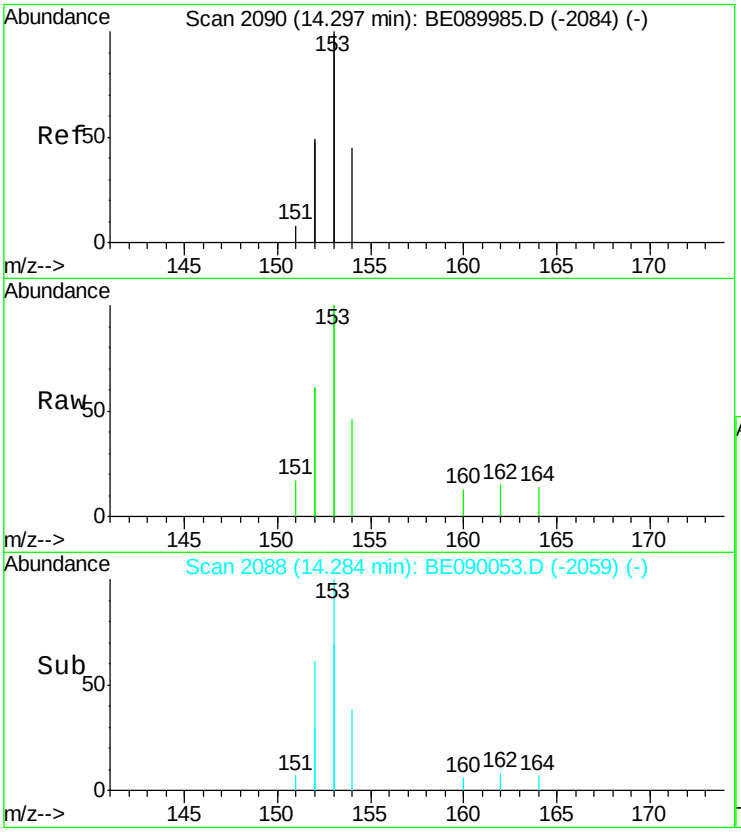


#15
Acenaphthylene
Concen: 0.04 ng
RT: 13.94 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:152 Resp: 2187

Ion	Ratio	Lower	Upper
152	100		
151	5.6	3.9	5.9
153	14.3	10.4	15.6



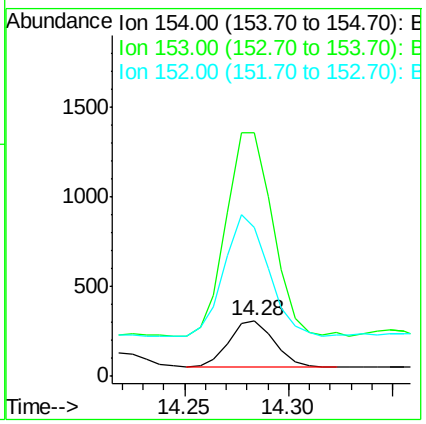


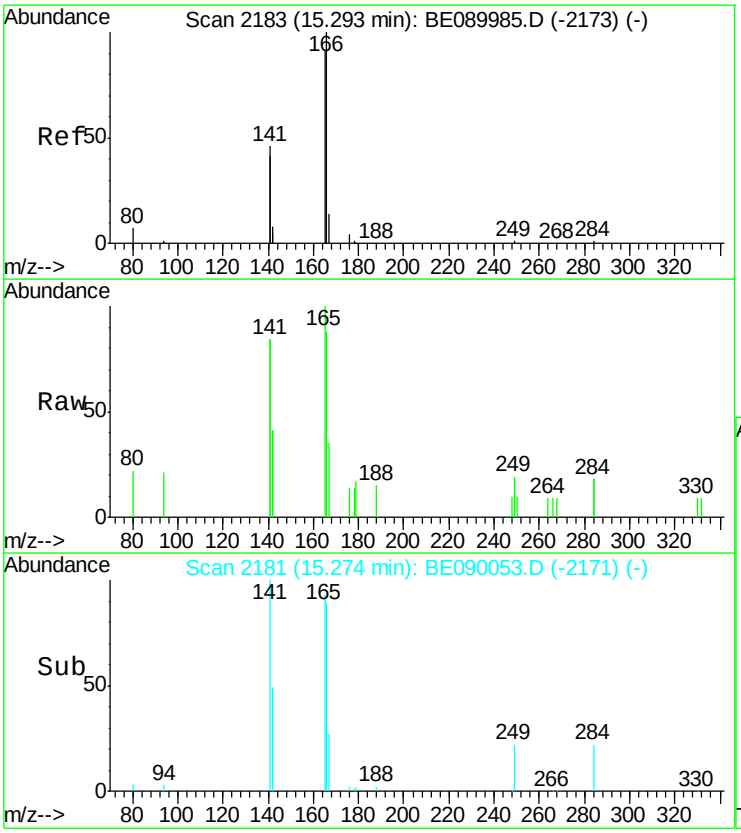
#16
Acenaphthene
Concen: 0.05 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:154 Resp: 387

Ion	Ratio	Lower	Upper
154	100		
153	467.4	358.6	538.0
152	257.4	189.6	284.4

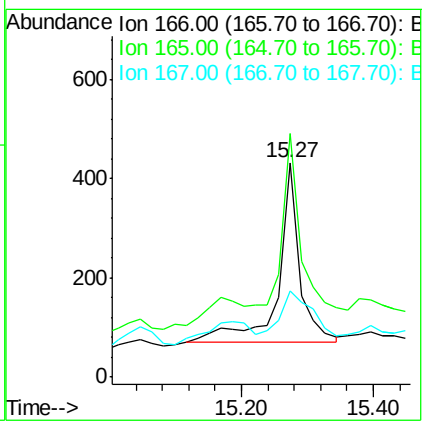


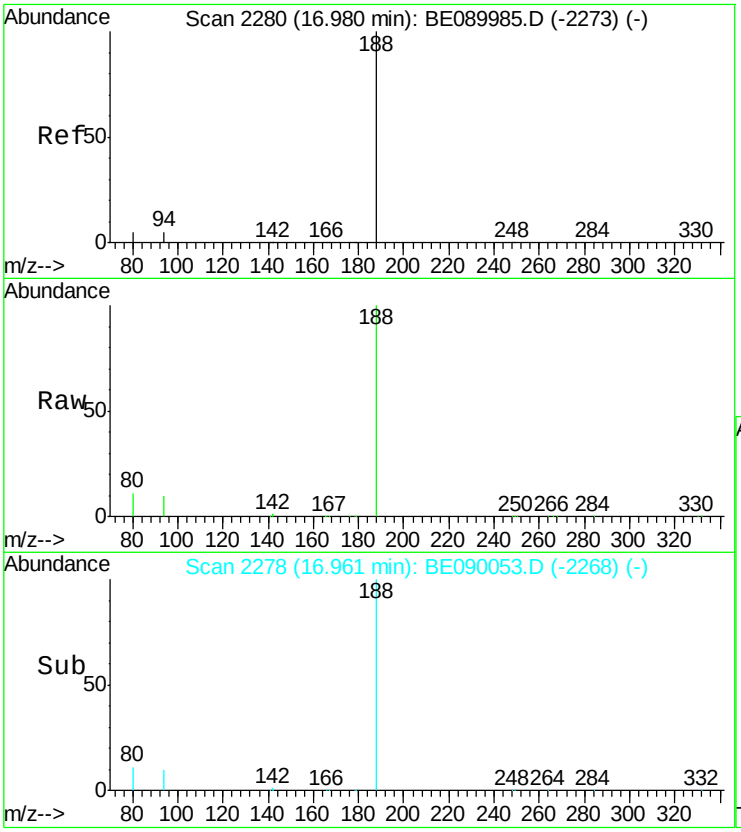


#17
Fluorene
Concen: 0.08 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:166 Resp: 822

Ion	Ratio	Lower	Upper
166	100		
165	89.1	79.0	118.6
167	34.1	11.8	17.8#



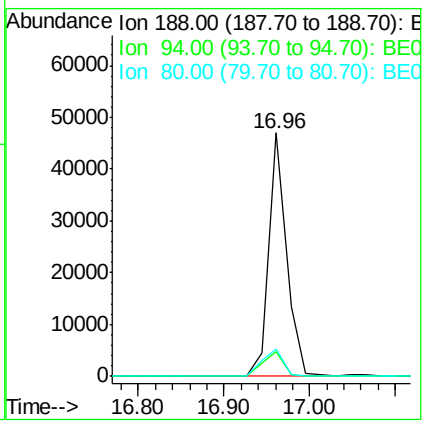


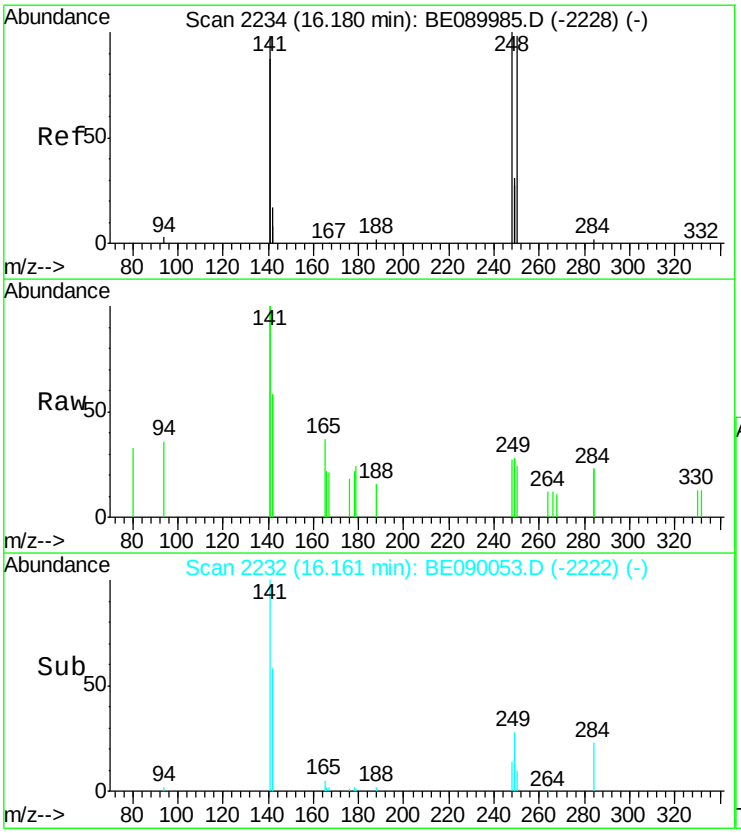
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:188 Resp: 68800

Ion	Ratio	Lower	Upper
188	100		
94	10.2	4.1	6.1#
80	11.1	4.2	6.2#

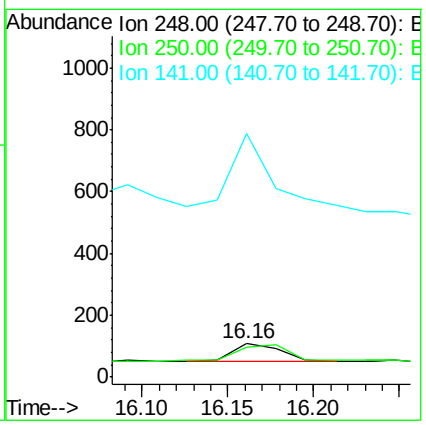


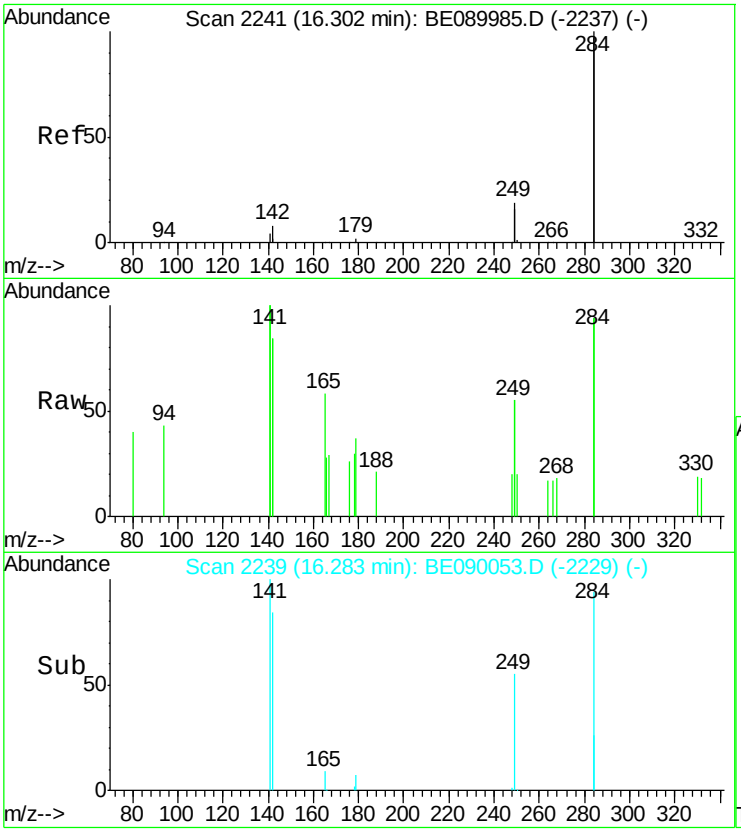


#19
4-Bromophenyl-phenylether
Concen: 0.04 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:248 Resp: 118

Ion	Ratio	Lower	Upper
248	100		
250	92.4	78.3	117.5
141	422.9	248.1	372.1#



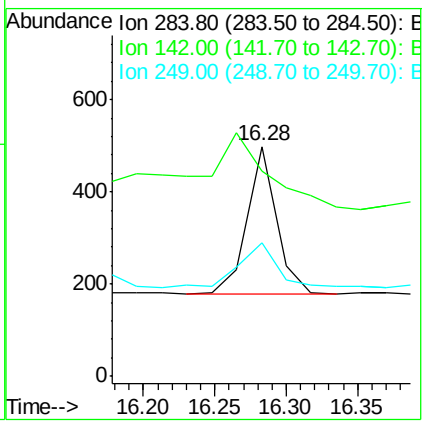


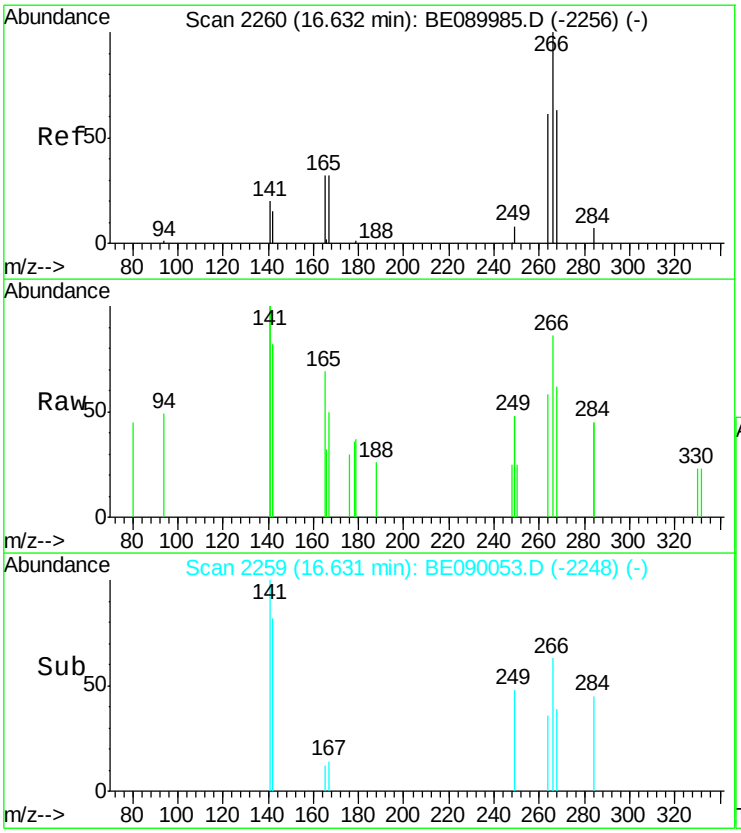
#20
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:284 Resp: 461

Ion	Ratio	Lower	Upper
284	100		
142	177.0	32.6	49.0#
249	40.3	25.5	38.3#

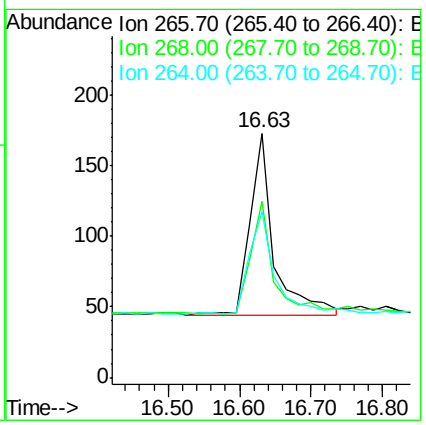


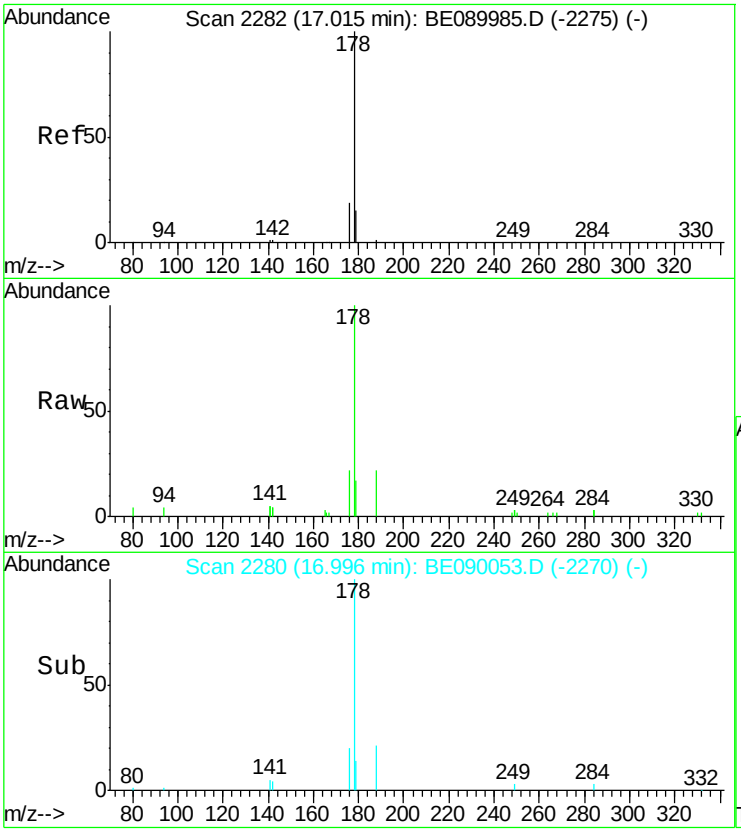


#21
Pentachlorophenol
Concen: 0.45 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:266 Resp: 305

Ion	Ratio	Lower	Upper
266	100		
268	72.3	51.8	77.8
264	68.2	50.2	75.2



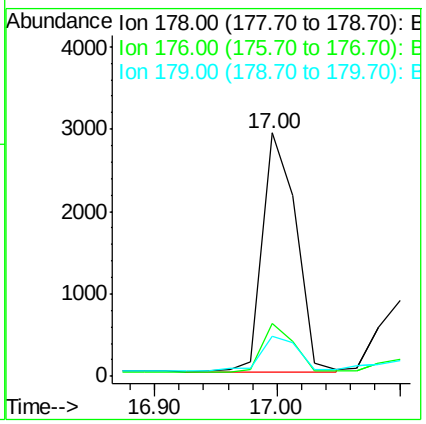


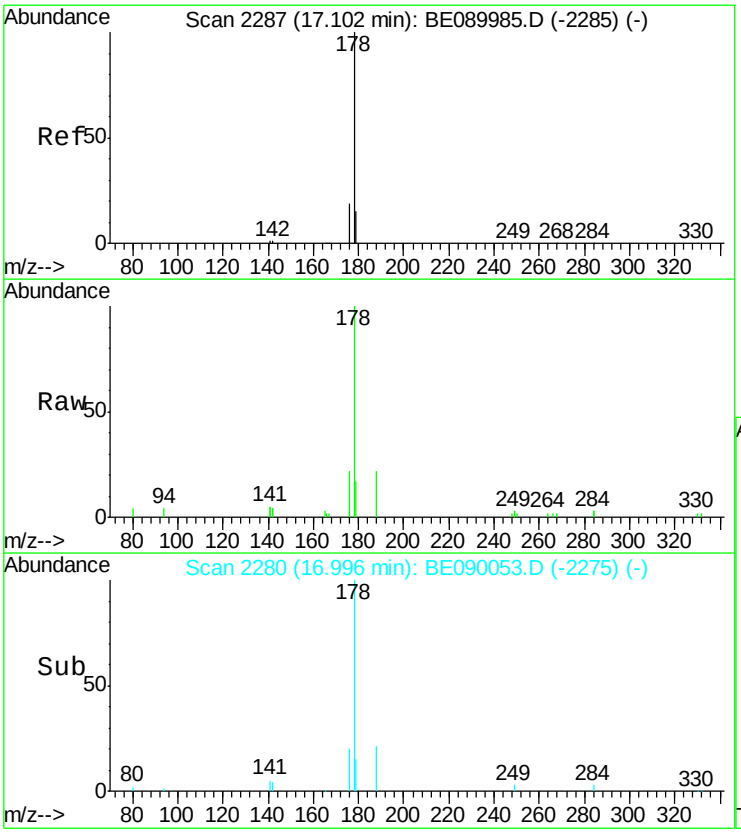
#22
Phenanthrene
Concen: 0.31 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:178 Resp: 5538

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.7	12.4	18.6

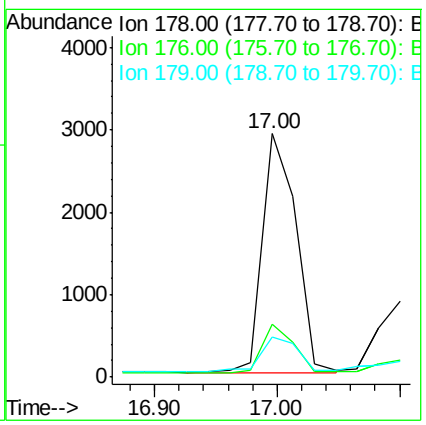


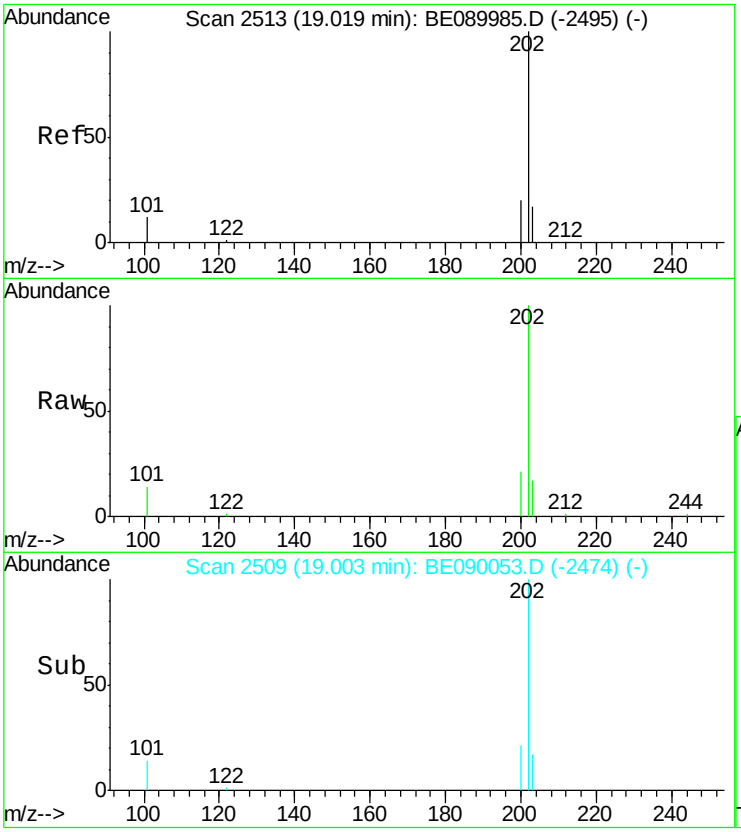


#23
Anthracene
Concen: 0.34 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.11 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:178 Resp: 5538

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	16.4	12.1	18.1



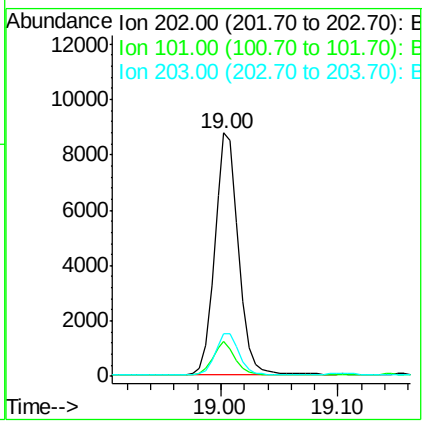


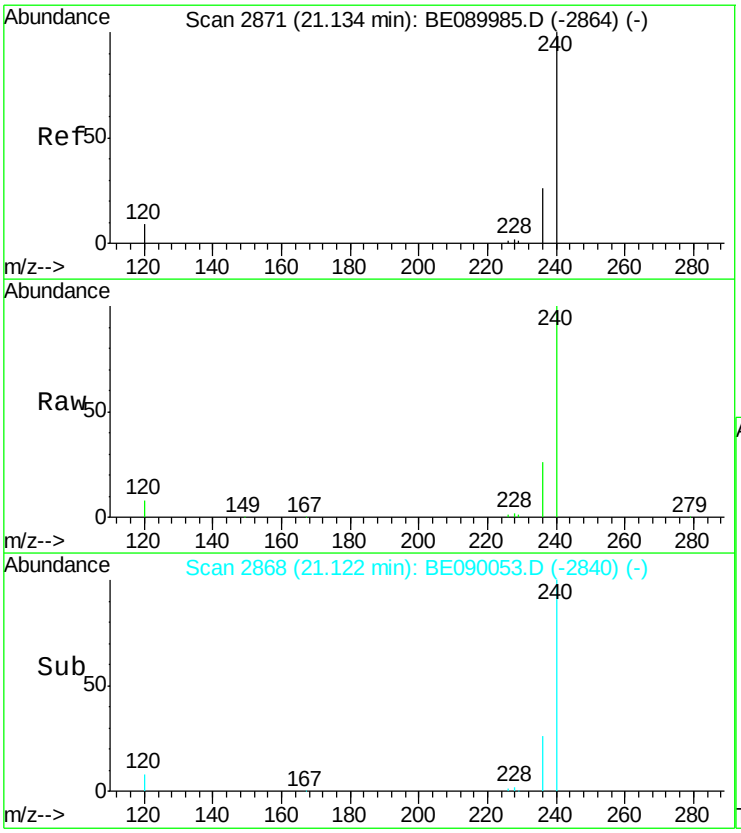
#24
Fluoranthene
Concen: 0.62 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:202 Resp: 12232

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
203	17.0	13.8	20.6

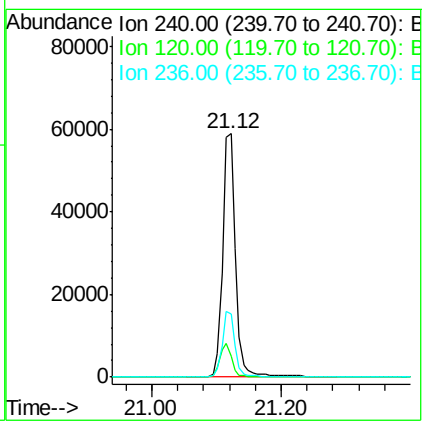


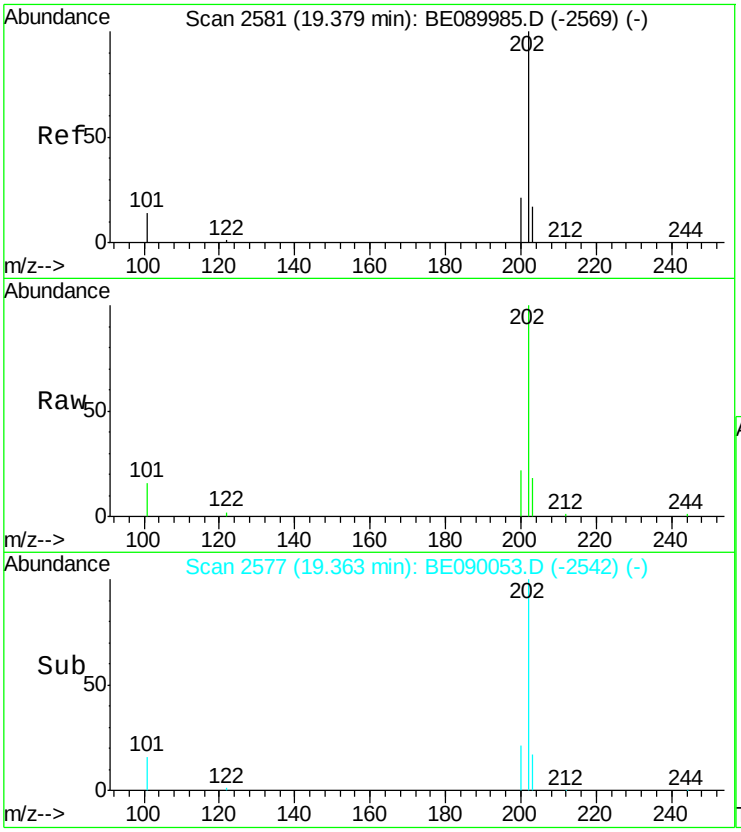


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:240 Resp: 81273

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	25.8	20.8	31.2



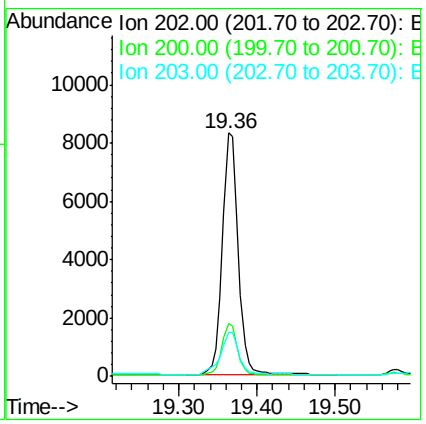


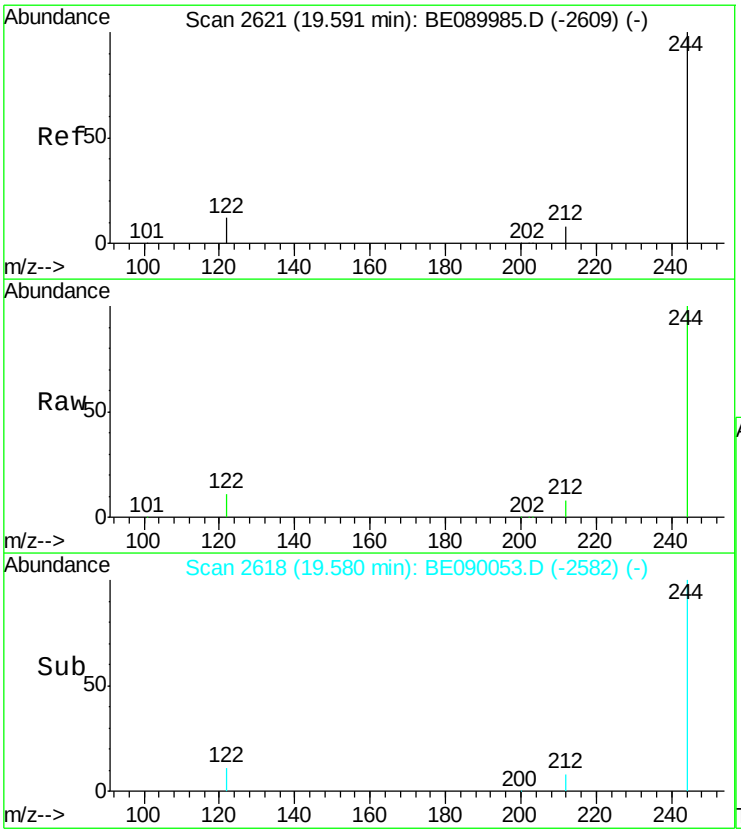
#26
Pyrene
Concen: 0.60 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:202 Resp: 11644

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	19.8	13.9	20.9

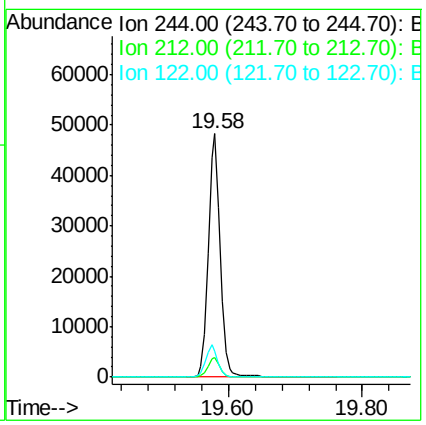


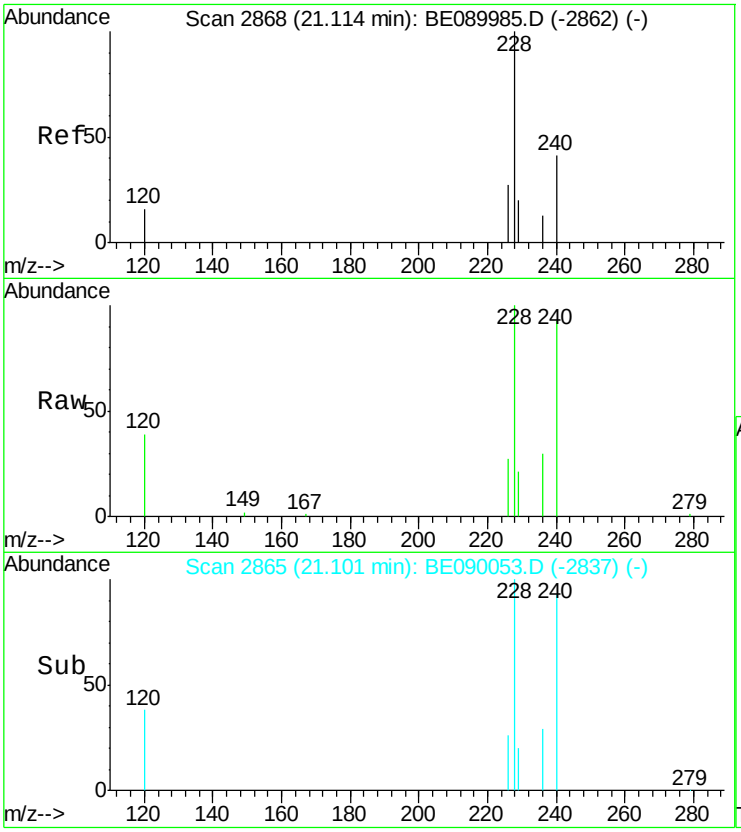


#27
Terphenyl-d14
Concen: 4.37 ng
RT: 19.58 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:244 Resp: 59168

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	10.8	9.8	14.8



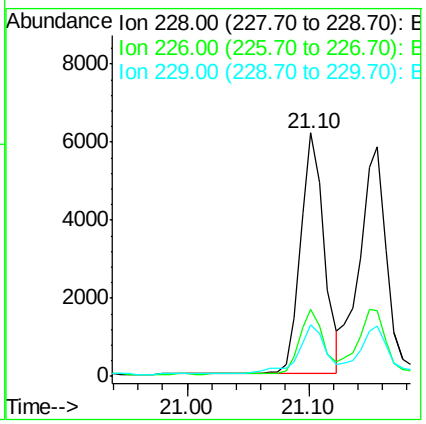


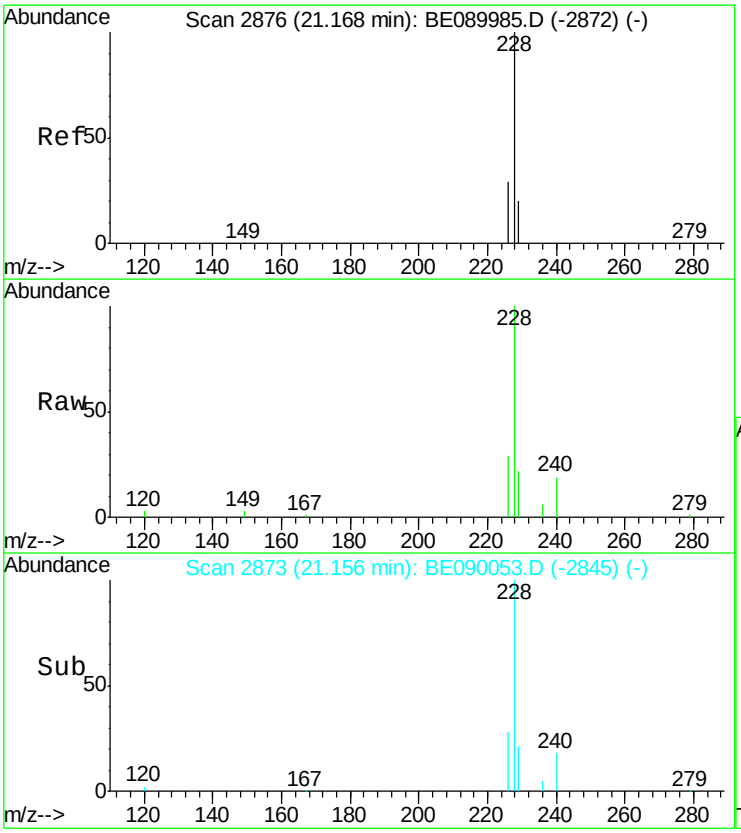
#28
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:228 Resp: 8302

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	21.0	15.8	23.6

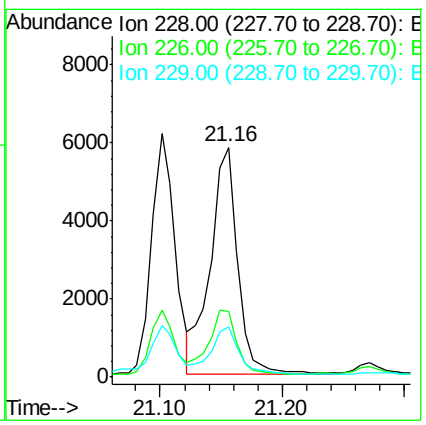


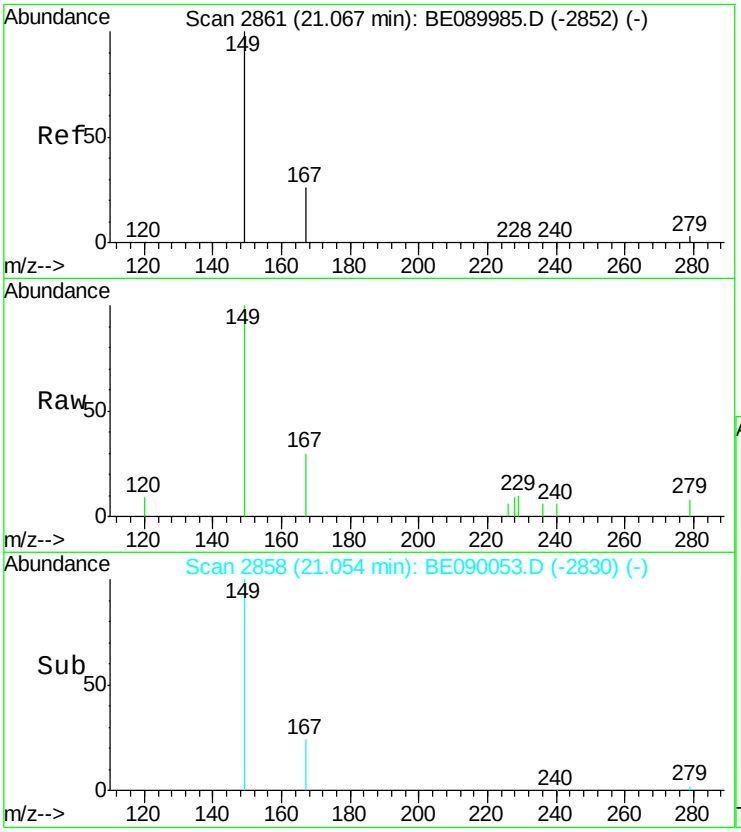


#29
Chrysene
Concen: 0.43 ng
RT: 21.16 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:228 Resp: 9108

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	22.0	16.2	24.2



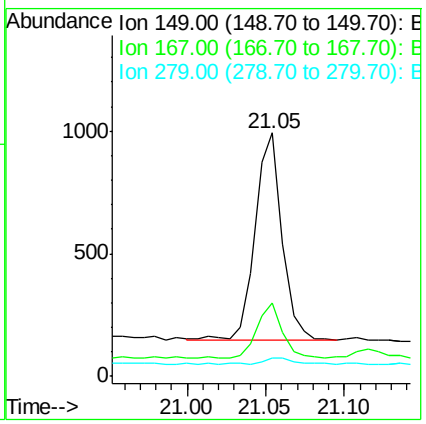


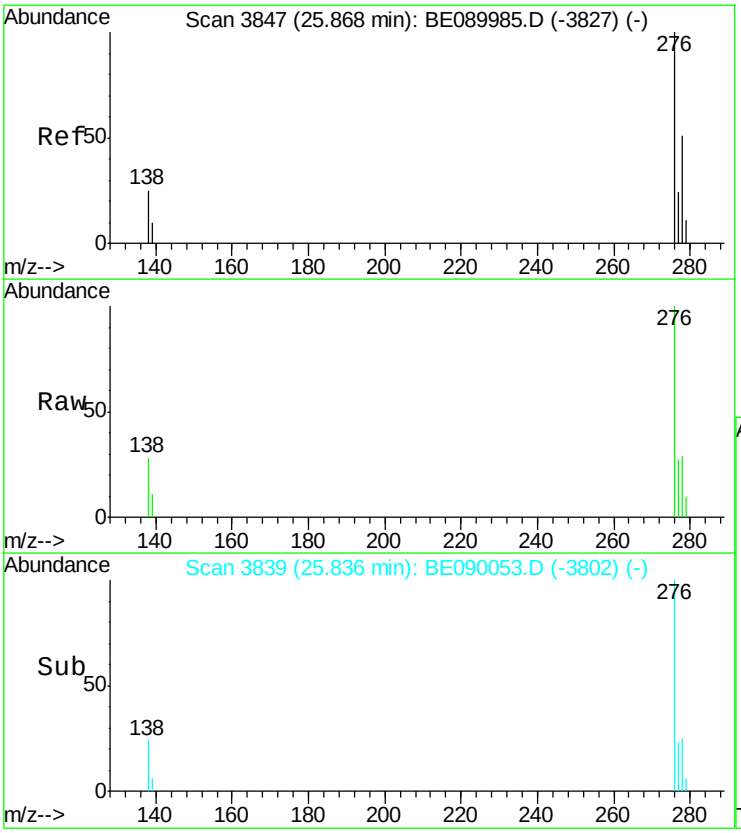
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:149 Resp: 1013

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	3.1	2.6	3.8

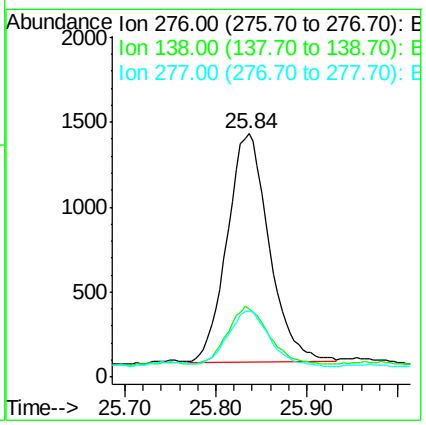


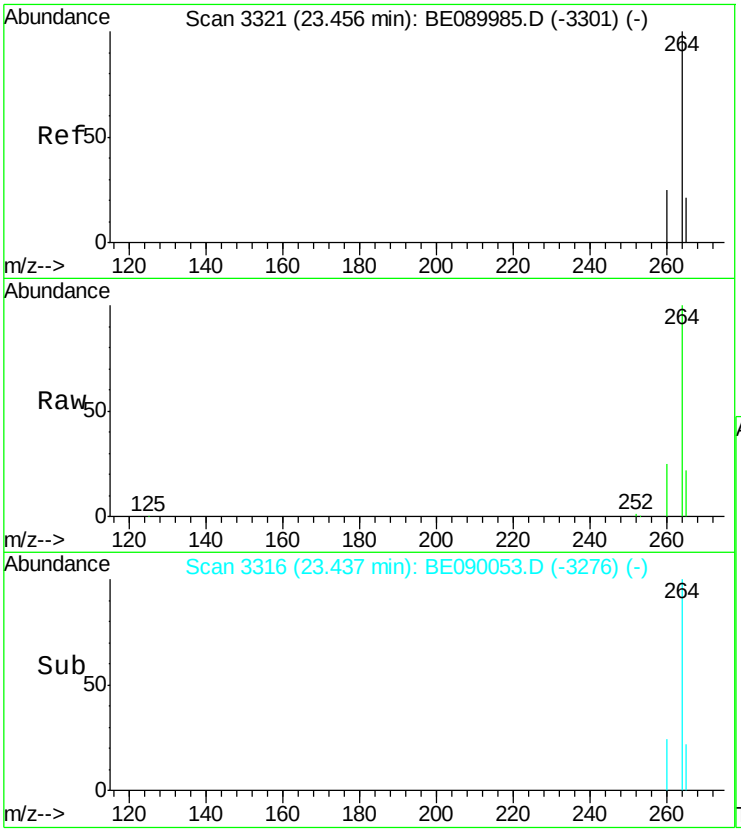


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 25.84 min Scan# 3839
Delta R.T. -0.03 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:276 Resp: 4334

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.3	31.9
277	24.5	19.7	29.5



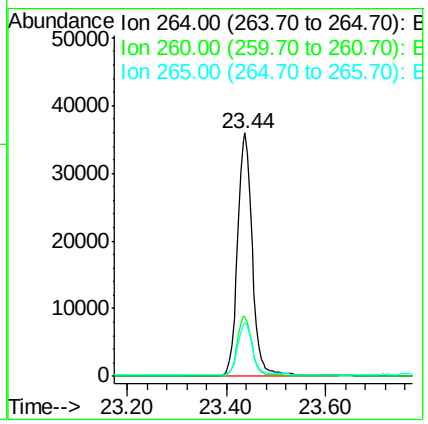


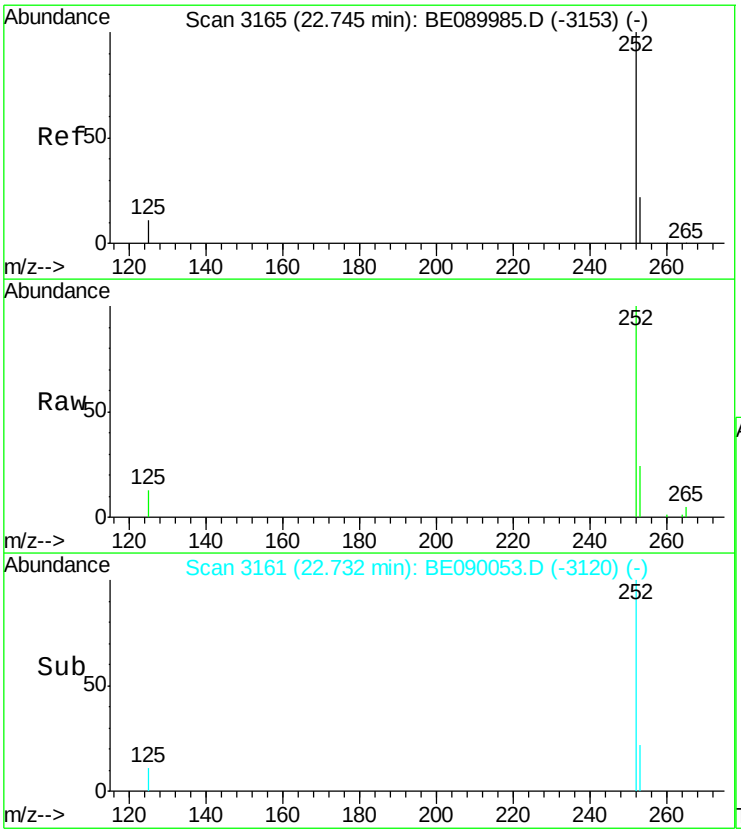
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:264 Resp: 74836

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.4	17.1	25.7

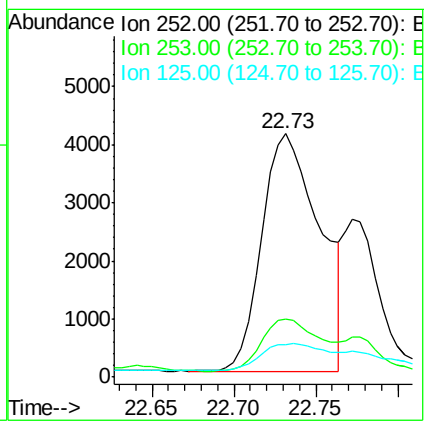


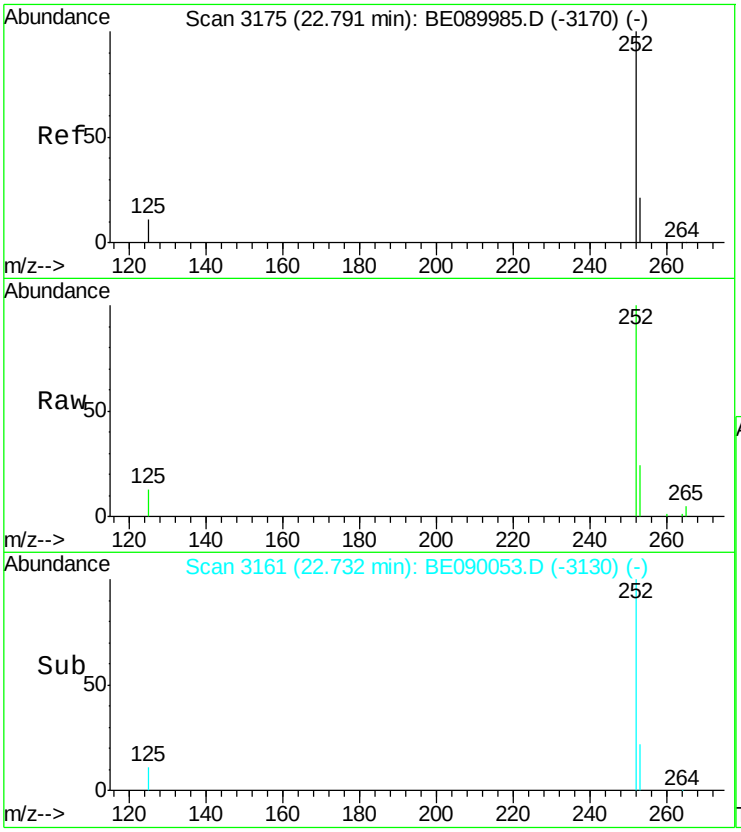


#33
Benzo(b)fluoranthene
Concen: 0.61 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:252 Resp: 10083

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	13.4	9.0	13.4



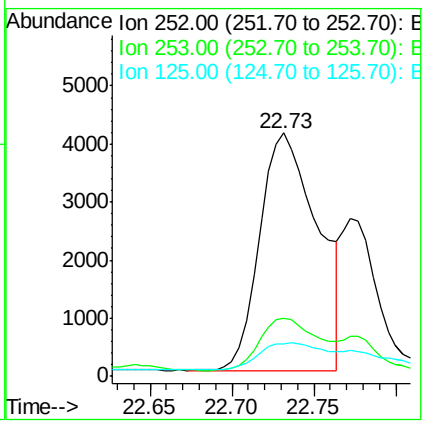


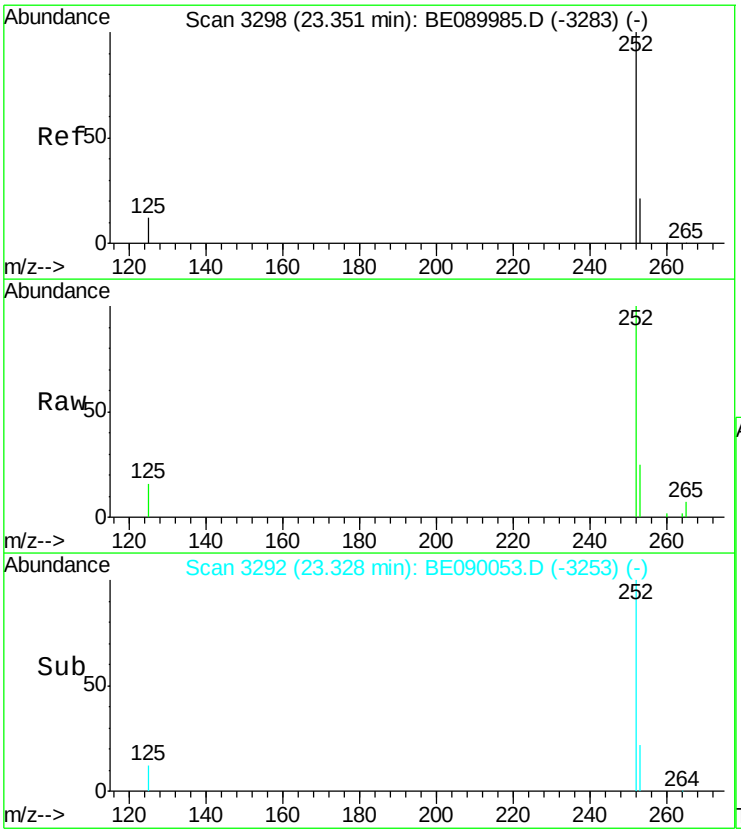
#34
Benzo(k)fluoranthene
Concen: 0.55 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.06 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:252 Resp: 10083

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	13.4	9.5	14.3

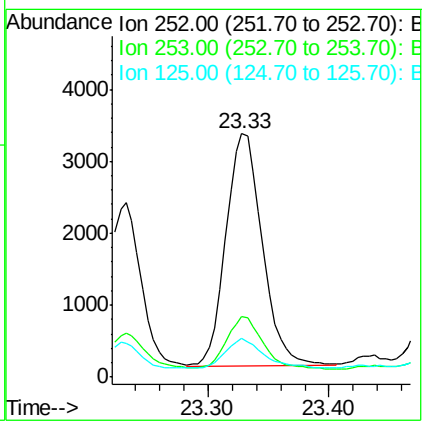


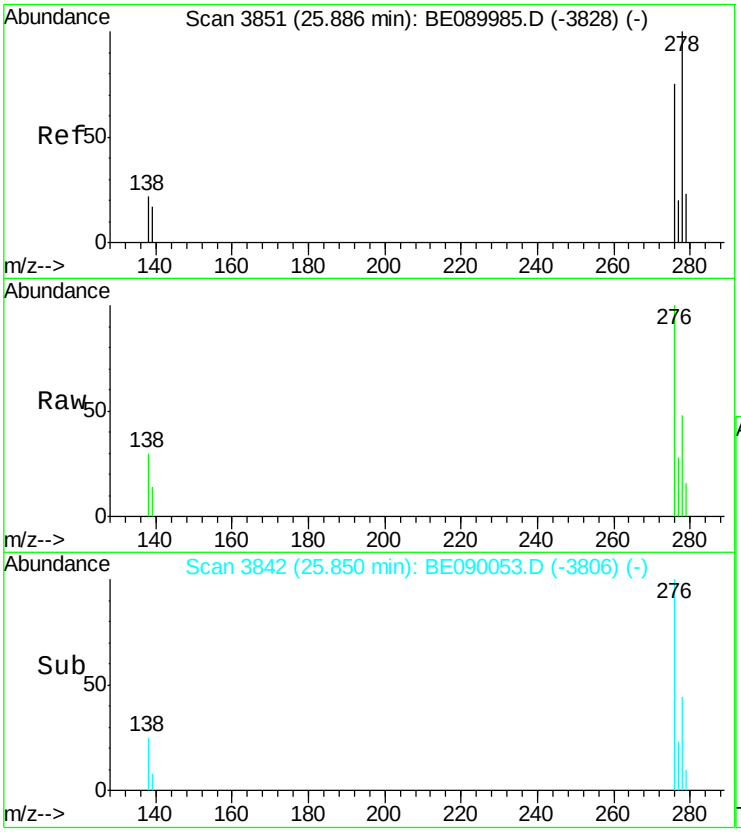


#35
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.33 min Scan# 3292
Delta R.T. -0.02 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:252 Resp: 6740

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	15.9	10.5	15.7#



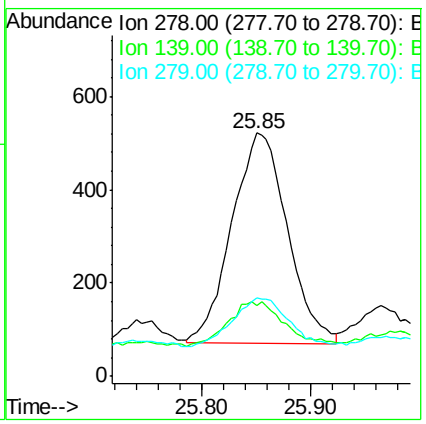


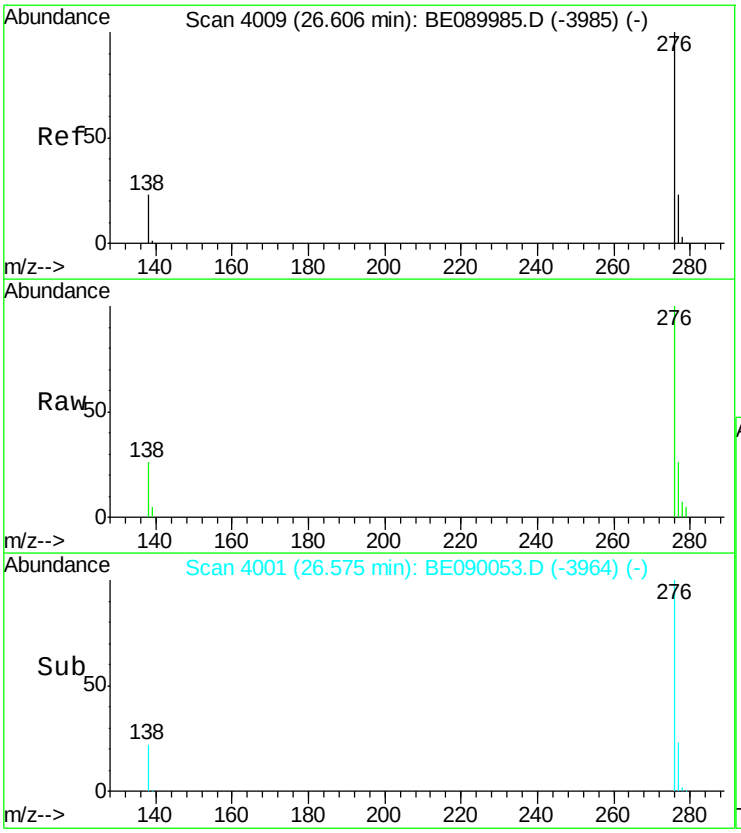
#36
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.85 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Instrument :
BNA_E
ClientSampleId :
X1SS0600624-150625RE

Tgt Ion:278 Resp: 1608

Ion	Ratio	Lower	Upper
278	100		
139	29.1	14.4	21.6#
279	32.4	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.27 ng
RT: 26.57 min Scan# 4001
Delta R.T. -0.03 min
Lab File: BE090053.D
Acq: 2 Jul 2015 16:33

Tgt Ion:276 Resp: 4305

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.8	28.2
138	26.3	18.6	27.8