Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092691.D
Acq On : 31 Jan 2017 17:42
Operator : SJ/MA
Sample : PB96577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB96577BS

Quant Time: Feb 01 02:21:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11623	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	53799	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	34009	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	72763	5.00	ng		0.00
24) Chrysene-d12	21.72	240	69607	5.00	ng		0.00
31) Perylene-d12	24.06	264	78718	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	26460	10.20	ng		-0.01
5) Phenol-d6	7.29	99	34334	10.79	ng		-0.04
8) Nitrobenzene-d5	9.29	82	16899	4.84	ng		-0.04
13) 2,4,6-Tribromophenol	16.28	330	9185	9.13	ng		-0.01
14) 2-Fluorobiphenyl	13.40	172	36390	4.35	ng		-0.02
26) Terphenyl-d14	20.14	244	47688	4.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	5334	3.40	ng	#	73
3) n-Nitrosodimethylamine	3.72	42	9194	4.38	ng	#	95
6) bis(2-Chloroethyl)ether	7.54	93	16458	4.87	ng		92
9) Naphthalene	10.95	128	49208	4.38	ng	#	95
10) Hexachlorobutadiene	11.24	225	7483	4.51	ng		99
11) 2-Methylnaphthalene	12.59	142	32846	4.71	ng	#	89
15) Acenaphthylene	14.49	152	217582	4.64	ng		100
16) Acenaphthene	14.85	154	31815	4.23	ng		90
17) Fluorene	15.82	166	42477	4.50	ng		99
19) Hexachlorobenzene	16.87	284	11263	4.74	ng	#	39
20) Pentachlorophenol	17.26	266	4697	6.28	ng		89
21) Phenanthrene	17.58	178	70308	4.38	ng	#	94
22) Anthracene	17.67	178	69574	4.69	ng		99
23) Fluoranthene	19.58	202	325358	4.57	ng		99
25) Pyrene	19.93	202	342292	4.99	ng		99
27) Benzo(a)anthracene	21.70	228	322731	4.71	ng	#	74
28) Chrysene	21.70	228	322698	4.18	ng	#	57
29) Bis(2-ethylhexyl)phthalate	21.61	149	70164	5.19	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.53	276	410814	4.93	ng		98
32) Benzo(b)fluoranthene	23.34	252	91289	4.79	ng	#	96
33) Benzo(k)fluoranthene	23.38	252	89931	4.70	ng		94
34) Benzo(a)pyrene	23.95	252	90055	5.04	ng		94
35) Dibenzo(a,h)anthracene	26.55	278	84831	4.85	ng		96
36) Benzo(g,h,i)perylene	27.30	276	349944	4.73	ng		96

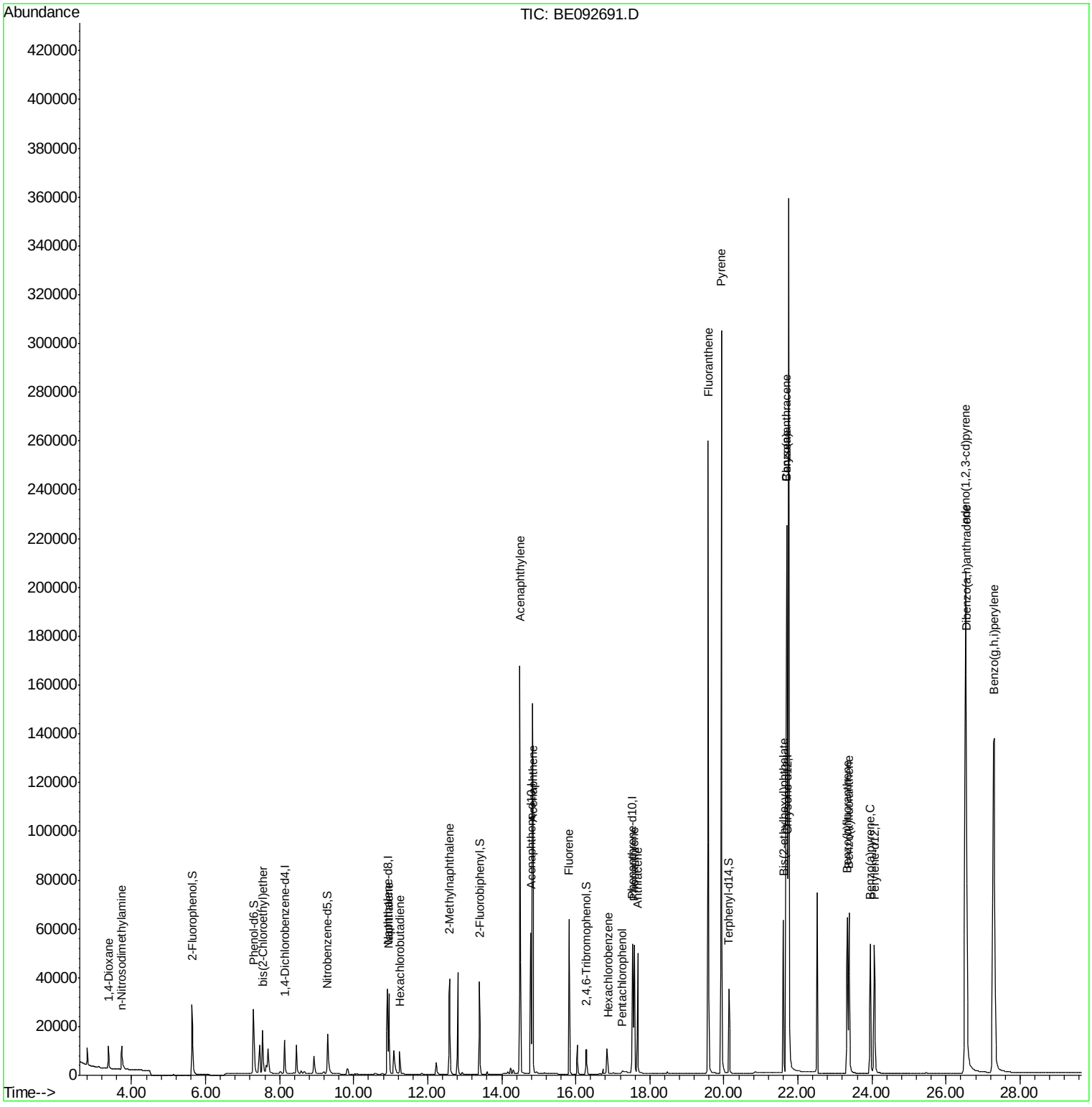
(#) = qualifier out of range (m) = manual integration (+) = signals summed

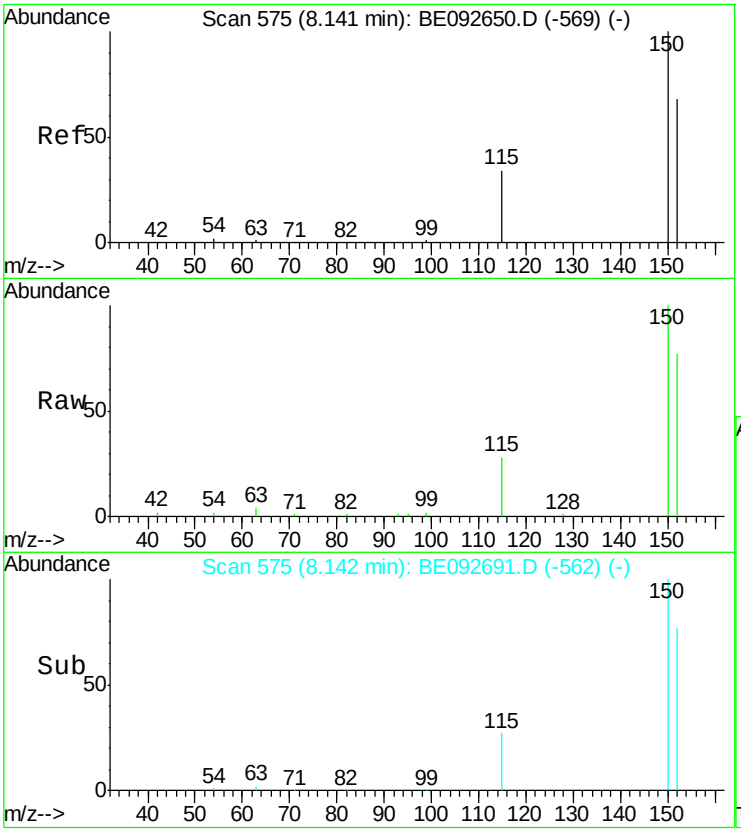
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092691.D
Acq On : 31 Jan 2017 17:42
Operator : SJ/MA
Sample : PB96577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Quant Time: Feb 01 02:21:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



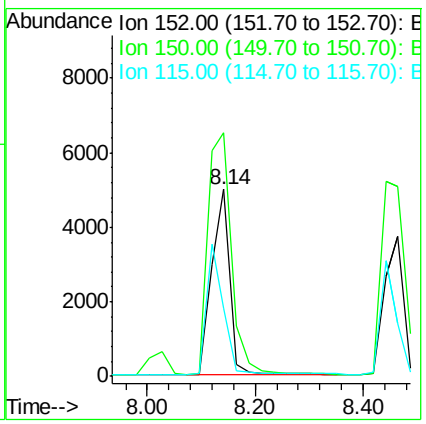


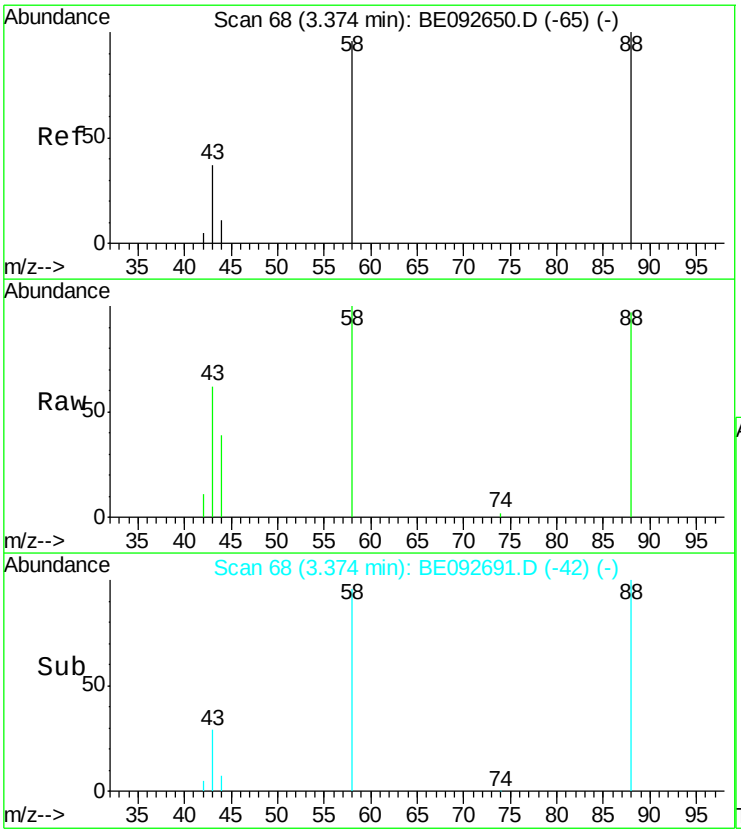
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:152 Resp: 11623

Ion	Ratio	Lower	Upper
152	100		
150	130.3	106.0	159.0
115	36.2	31.2	46.8

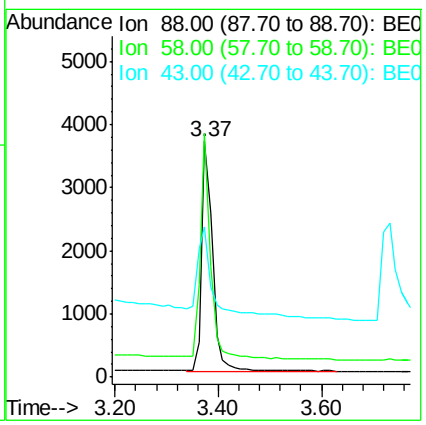


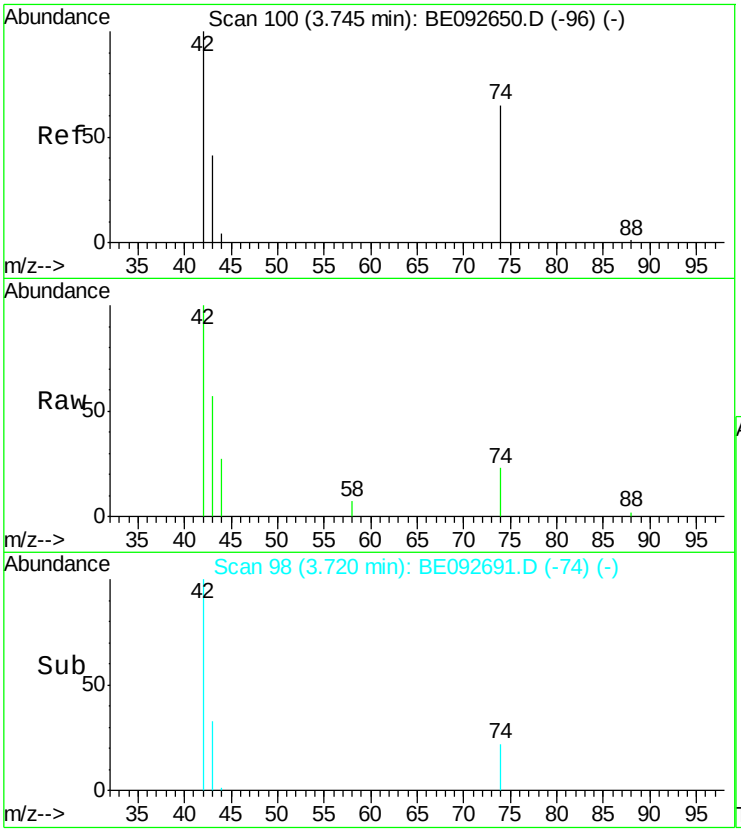


#2
1,4-Dioxane
Concen: 3.40 ng
RT: 3.37 min Scan# 68
Delta R.T. -0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion: 88 Resp: 5334

Ion	Ratio	Lower	Upper
88	100		
58	95.1	63.6	95.4
43	62.4	28.0	42.0#



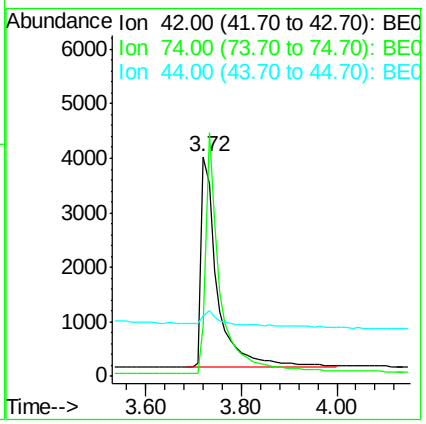


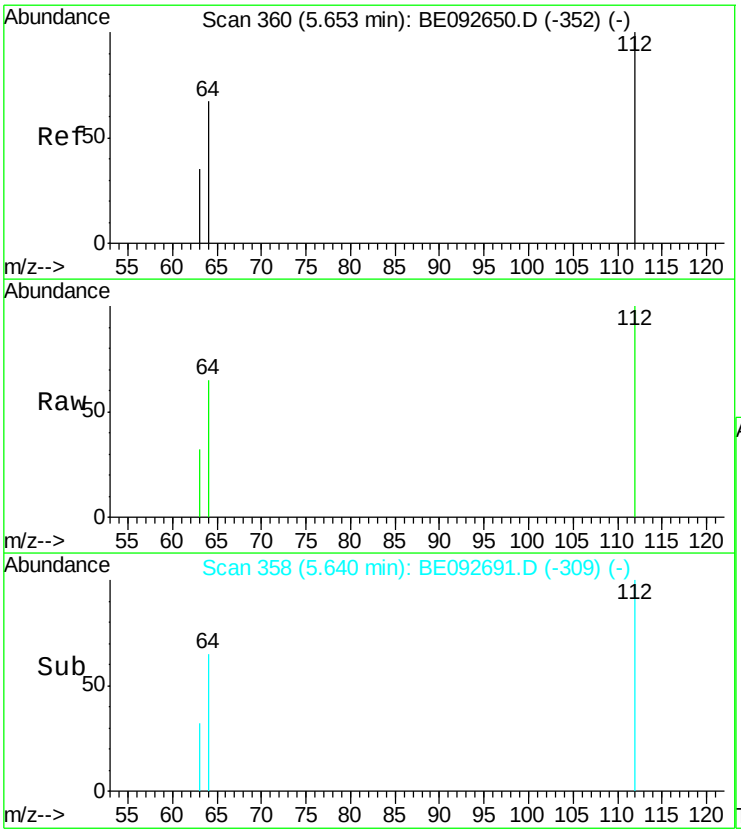
#3
n-Nitrosodimethylamine
Concen: 4.38 ng
RT: 3.72 min Scan# 98
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion: 42 Resp: 9194

Ion	Ratio	Lower	Upper
42	100		
74	103.0	86.0	129.0
44	13.3	5.1	7.7#

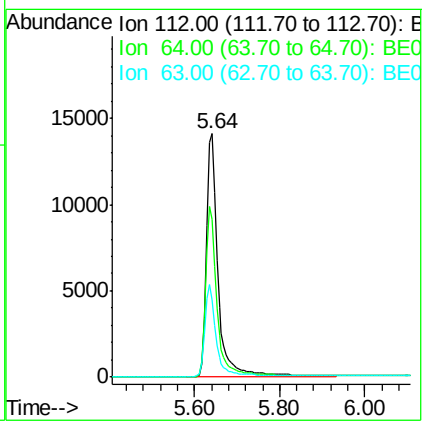


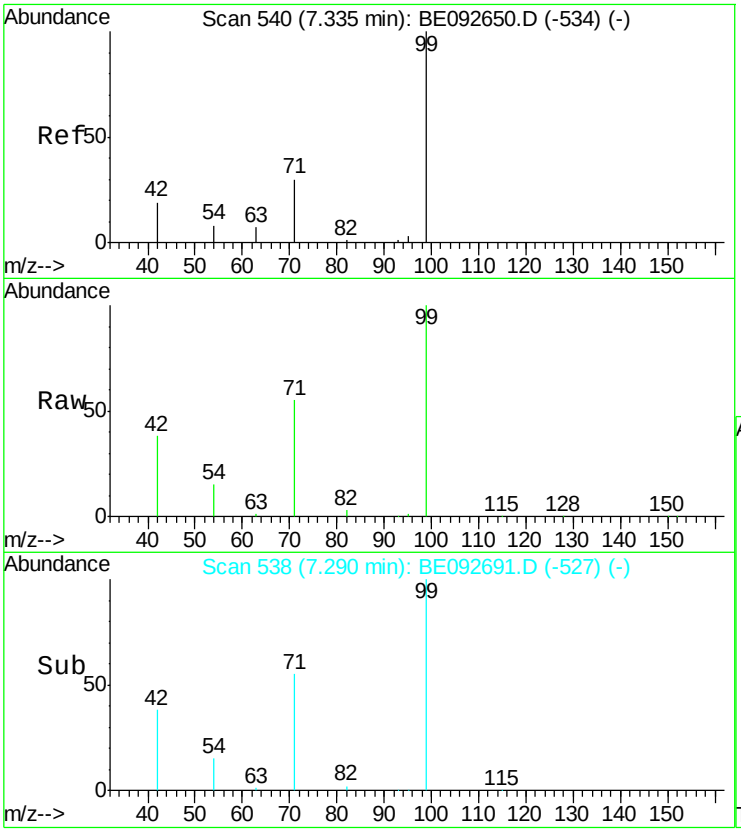


#4
2-Fluorophenol
Concen: 10.20 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:112 Resp: 26460

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.5	80.3
63	36.9	27.9	41.9



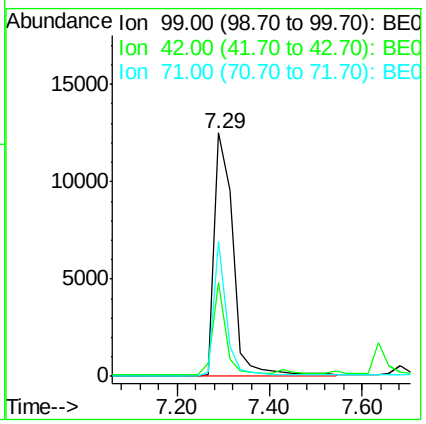


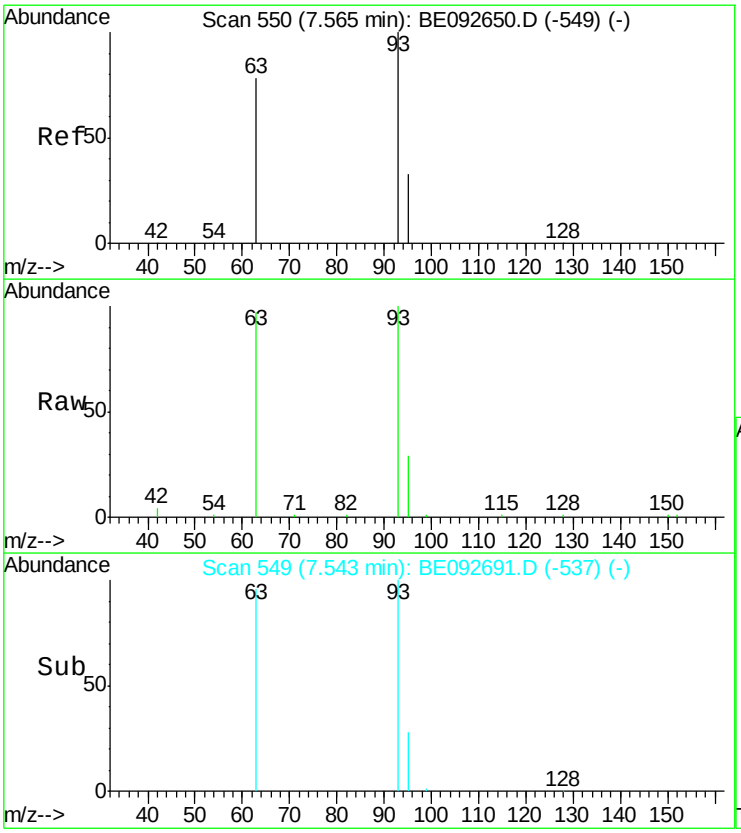
#5
Phenol-d6
Concen: 10.79 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.04 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion: 99 Resp: 34334

Ion	Ratio	Lower	Upper
99	100		
42	26.1	16.0	24.0#
71	37.7	30.6	45.8

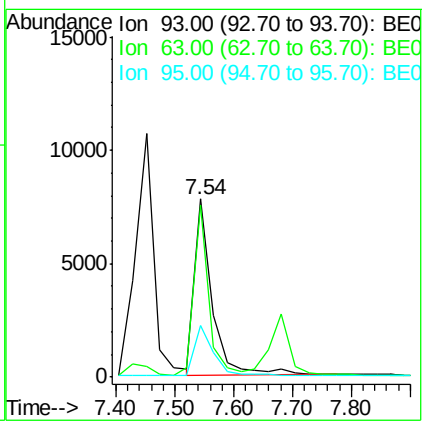


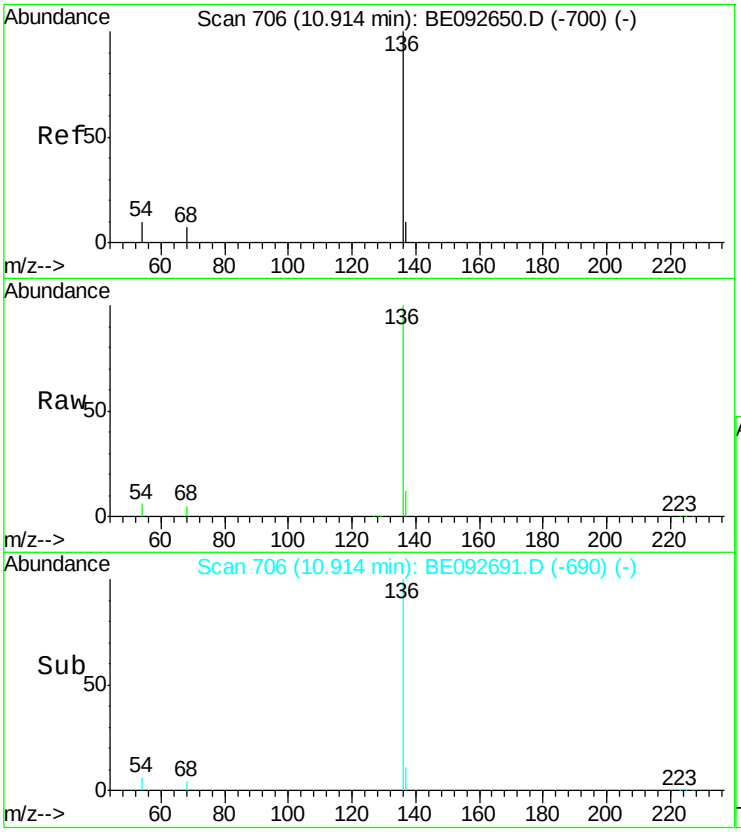


#6
bis(2-Chloroethyl)ether
Concen: 4.87 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion: 93 Resp: 16458

Ion	Ratio	Lower	Upper
93	100		
63	80.6	71.6	107.4
95	31.1	24.0	36.0



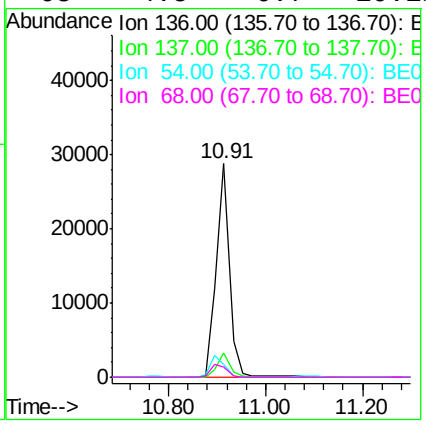


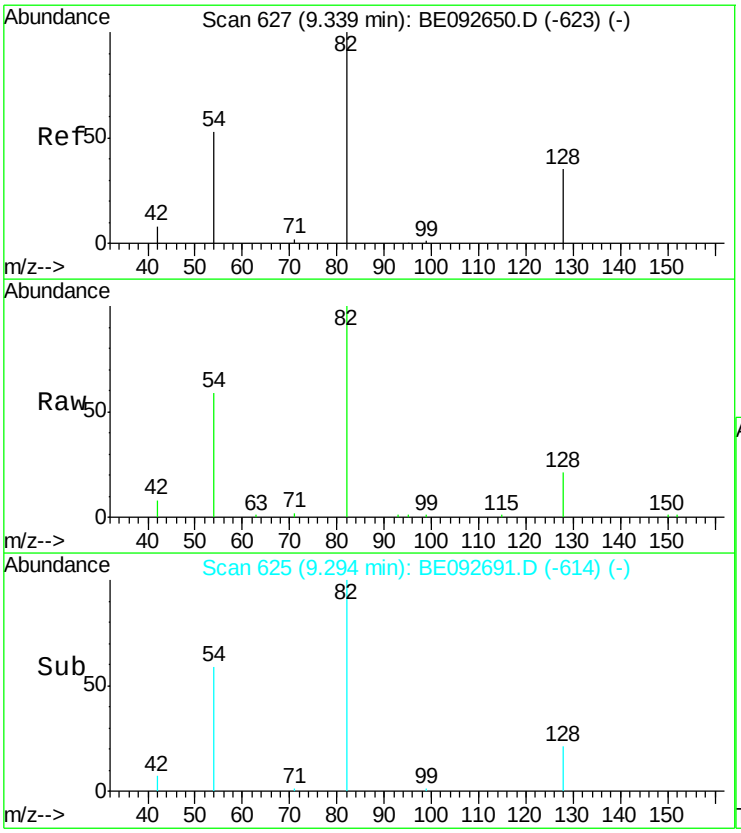
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:136 Resp: 53799

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.9	9.6	14.4#
68	4.5	6.7	10.1#

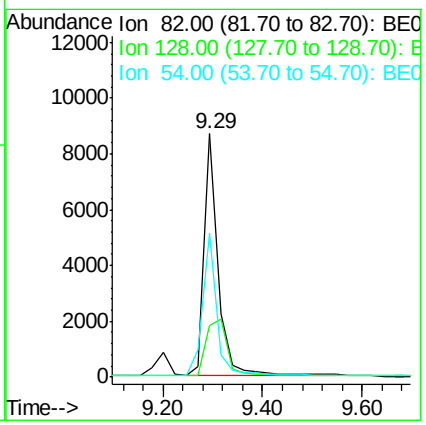


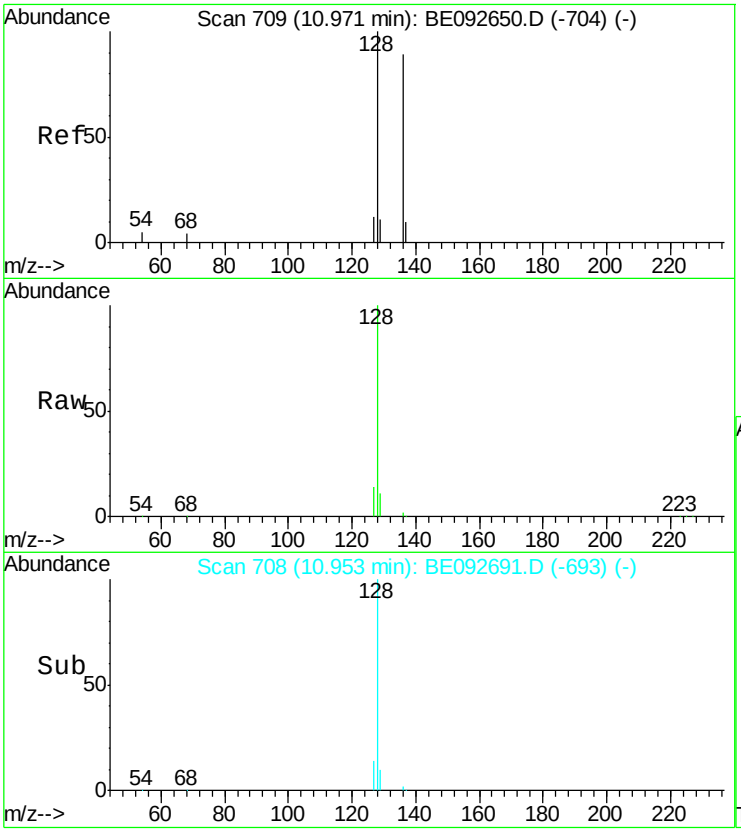


#8
Nitrobenzene-d5
Concen: 4.84 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.04 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion: 82 Resp: 16899

Ion	Ratio	Lower	Upper
82	100		
128	21.3	39.0	58.4#
54	59.2	44.8	67.2



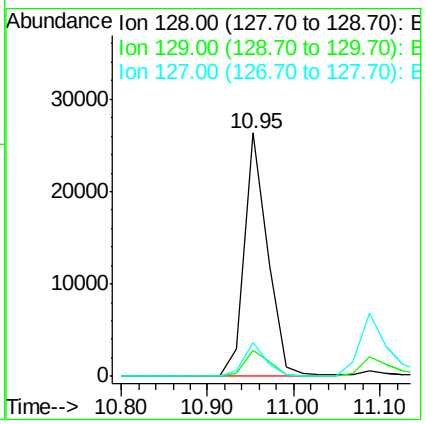


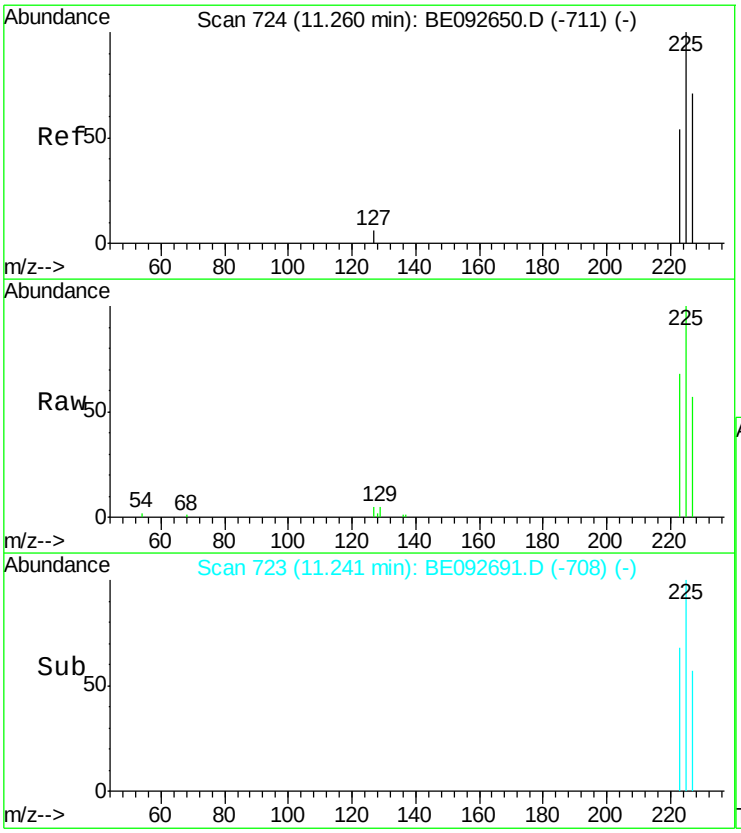
#9
Naphthalene
Concen: 4.38 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:128 Resp: 49208

Ion	Ratio	Lower	Upper
128	100		
129	10.6	11.2	16.8#
127	13.7	11.6	17.4

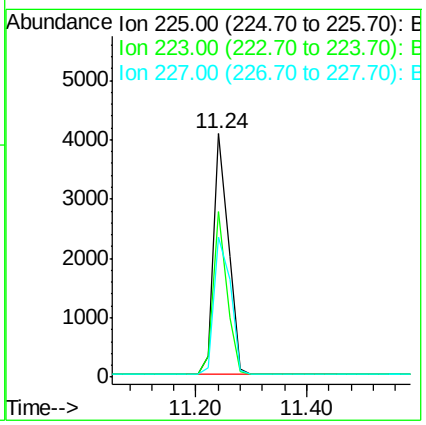


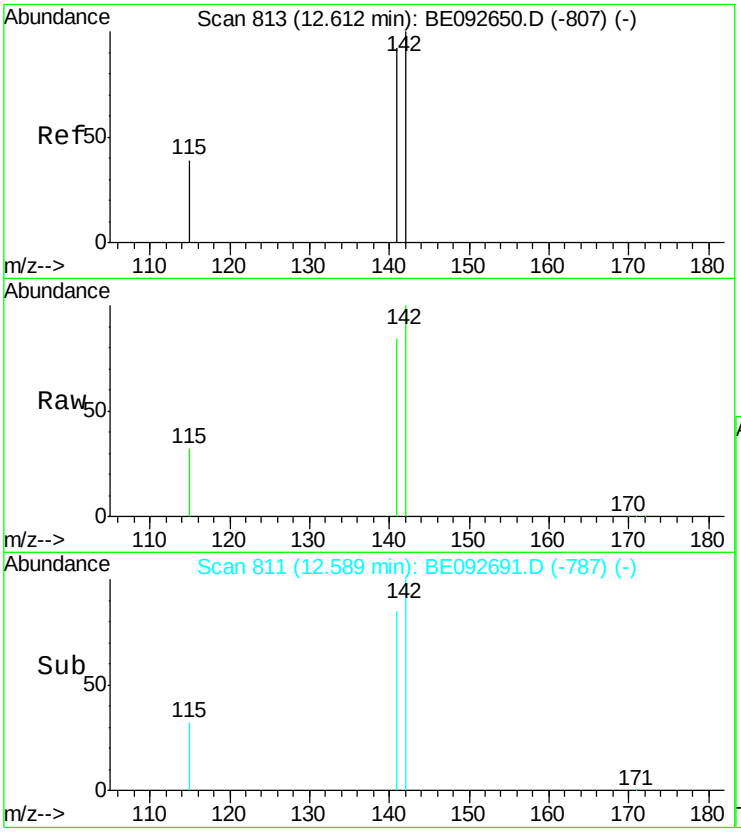


#10
Hexachlorobutadiene
Concen: 4.51 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:225 Resp: 7483

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.6	51.4	77.0



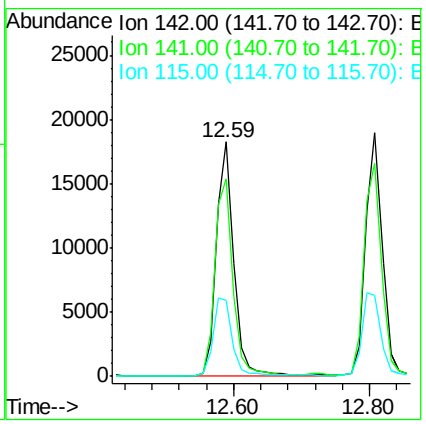


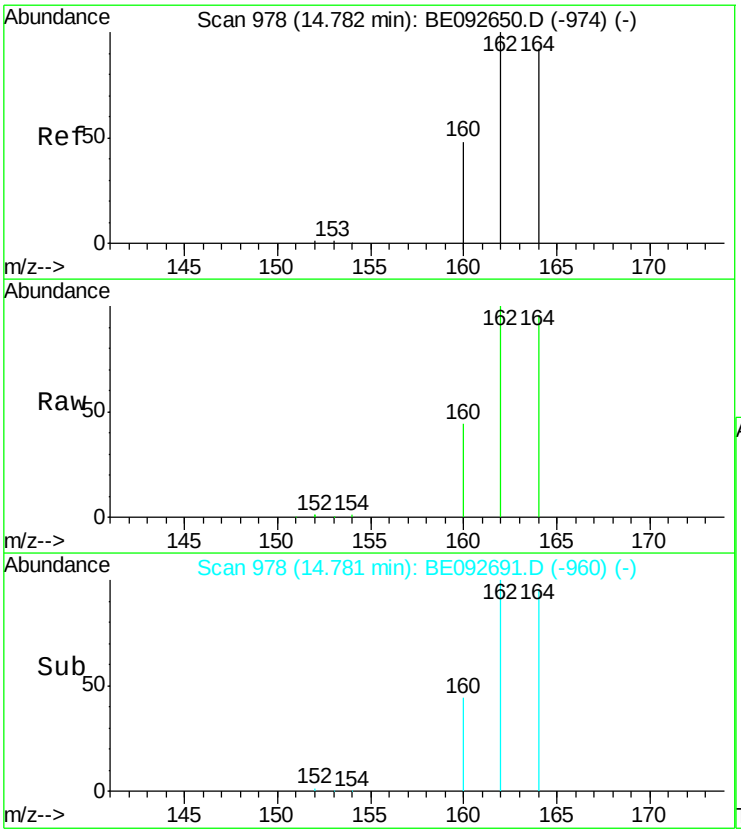
#11
2-Methylnaphthalene
Concen: 4.71 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:142 Resp: 32846

Ion	Ratio	Lower	Upper
142	100		
141	84.2	73.7	110.5
115	32.1	34.0	51.0#

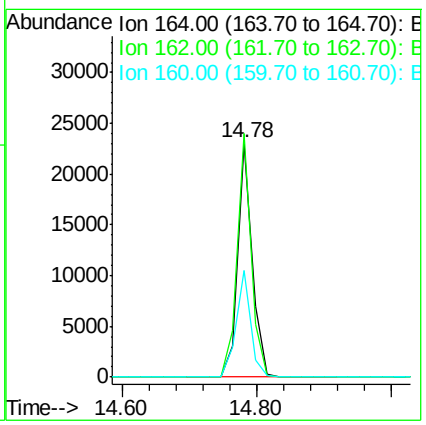


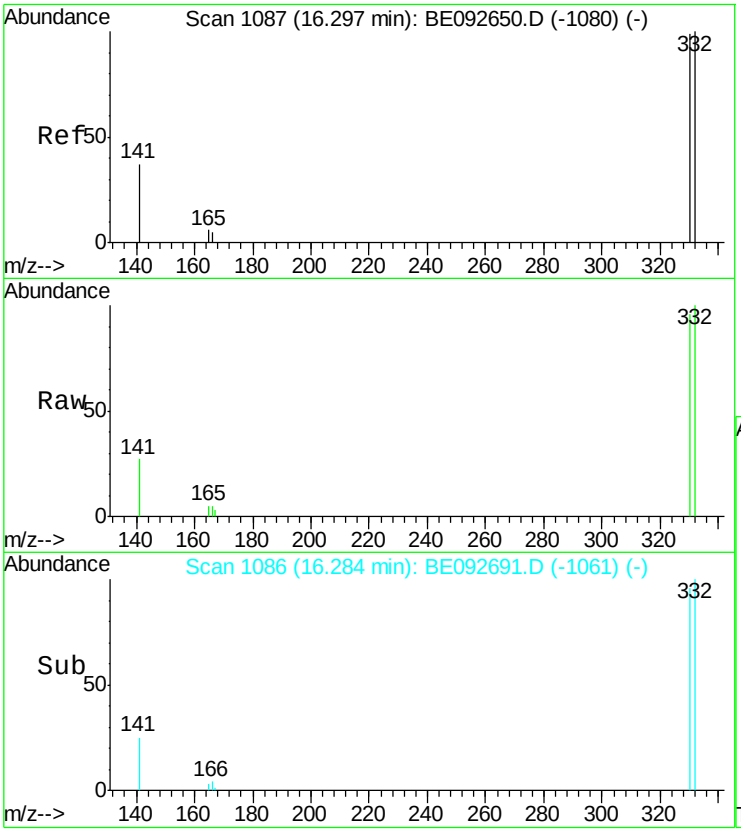


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:164 Resp: 34009

Ion	Ratio	Lower	Upper
164	100		
162	104.1	71.4	107.0
160	45.7	27.4	41.2#



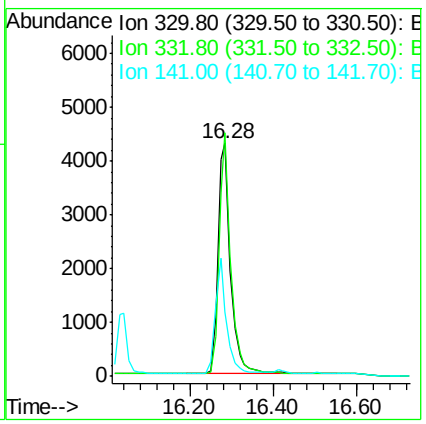


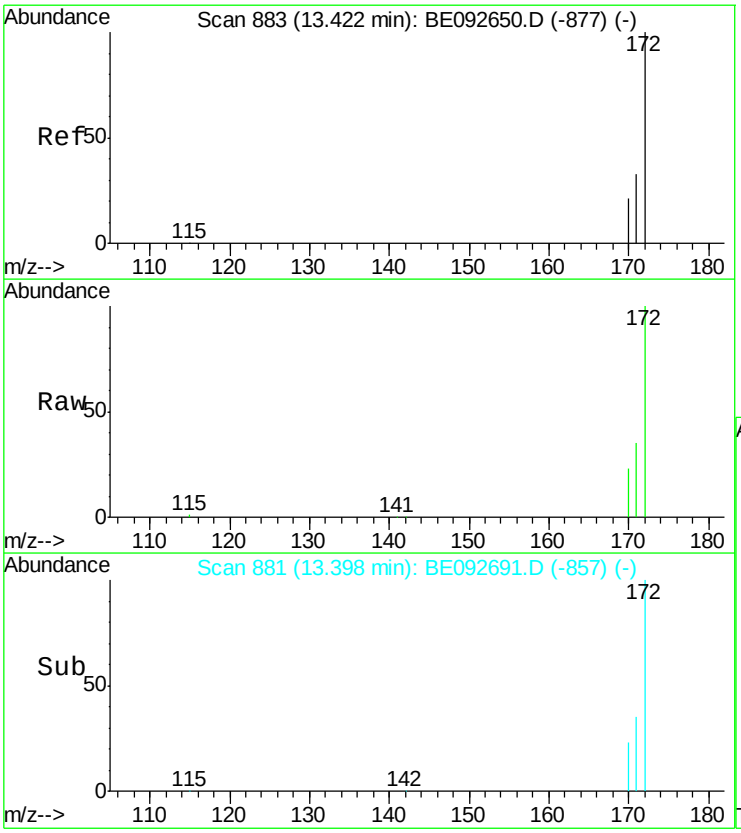
#13
2,4,6-Tribromophenol
Concen: 9.13 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:330 Resp: 9185

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	43.3	31.0	46.6

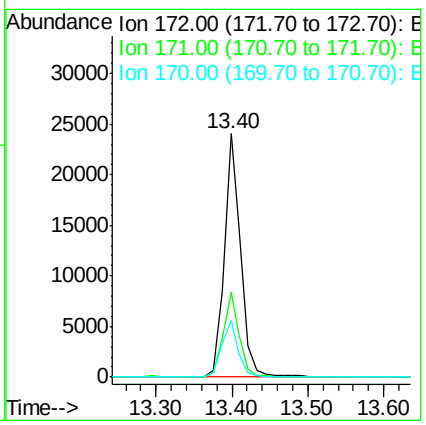


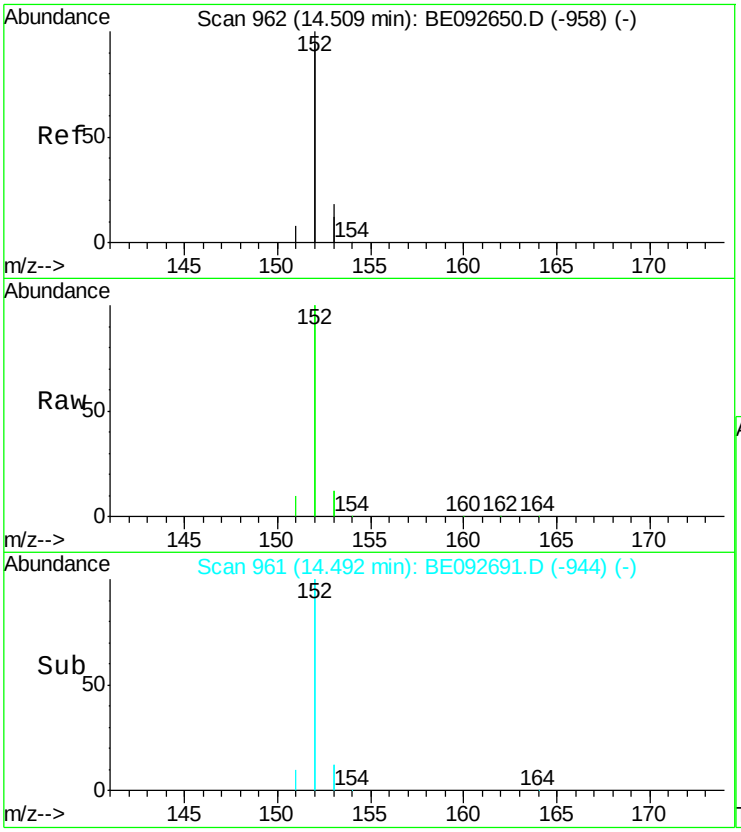


#14
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:172 Resp: 36390

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.1	45.1
170	23.5	21.8	32.6



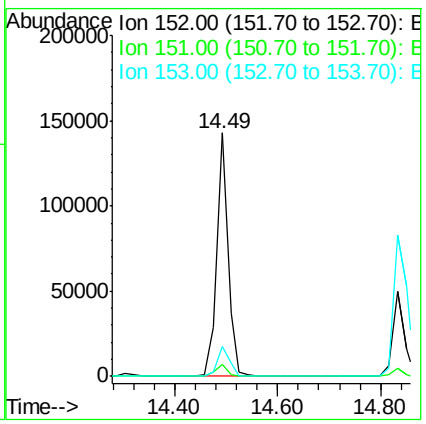


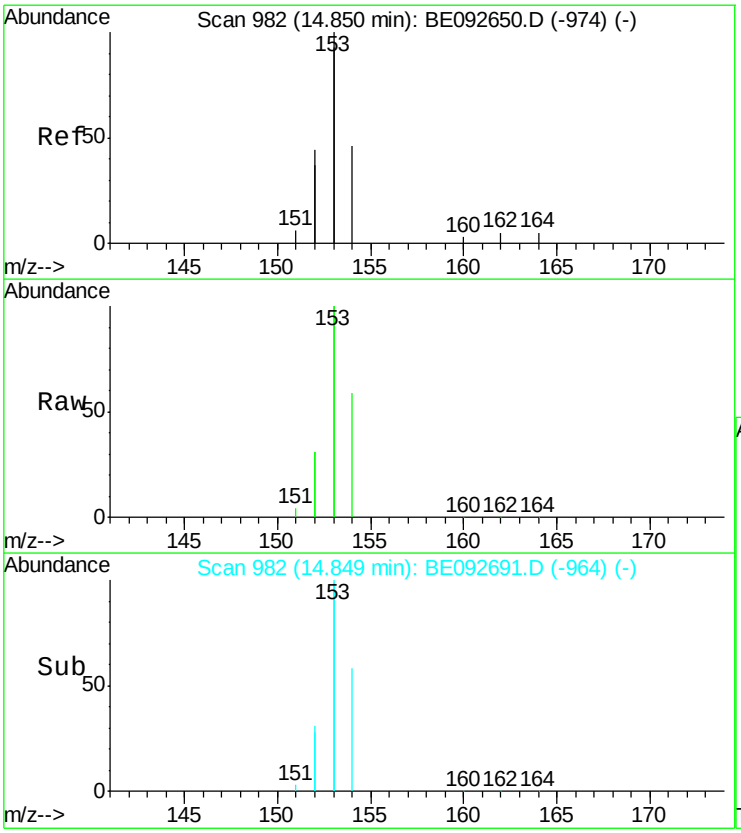
#15
Acenaphthylene
Concen: 4.64 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:152 Resp: 217582

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

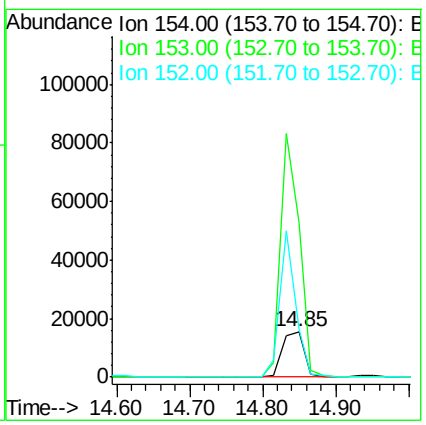


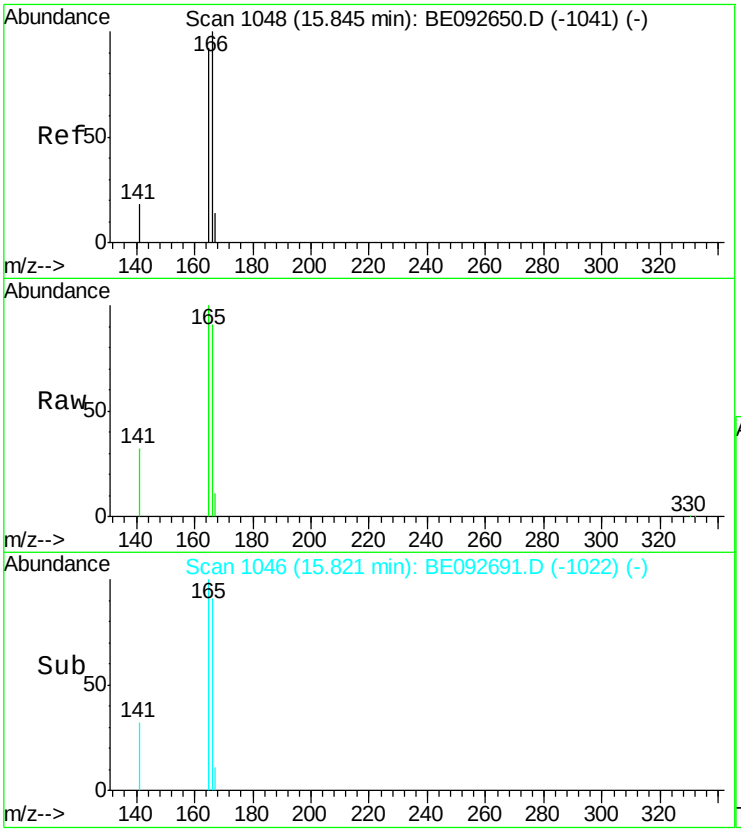


#16
Acenaphthene
Concen: 4.23 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:154 Resp: 31815

Ion	Ratio	Lower	Upper
154	100		
153	460.3	350.8	526.2
152	233.6	171.1	256.7



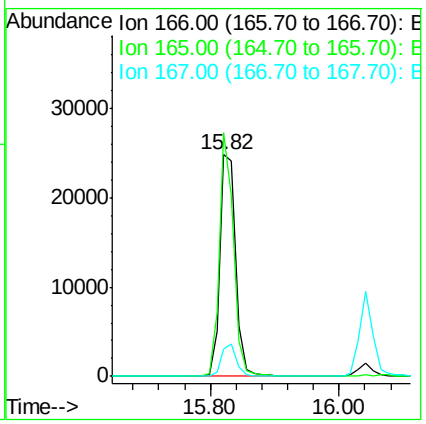


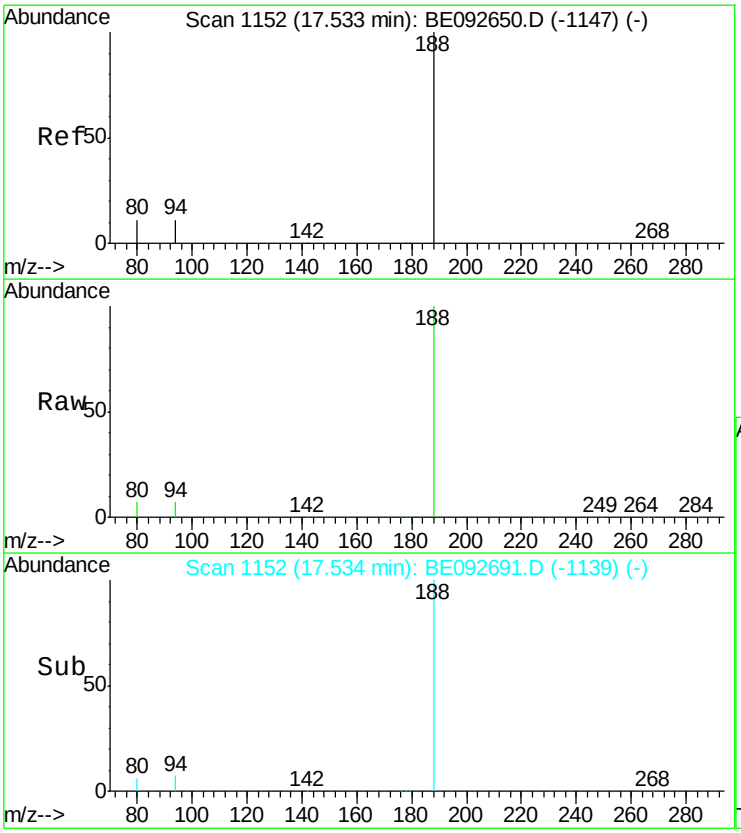
#17
Fluorene
Concen: 4.50 ng
RT: 15.82 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:166 Resp: 42477

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.4	11.0	16.4

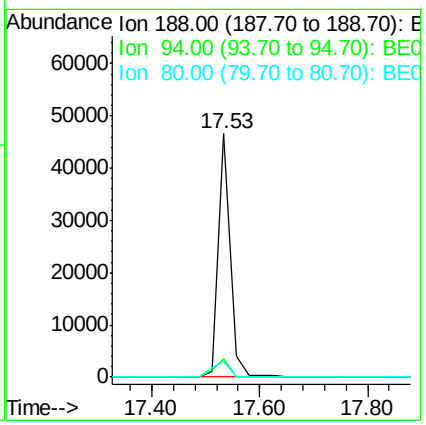


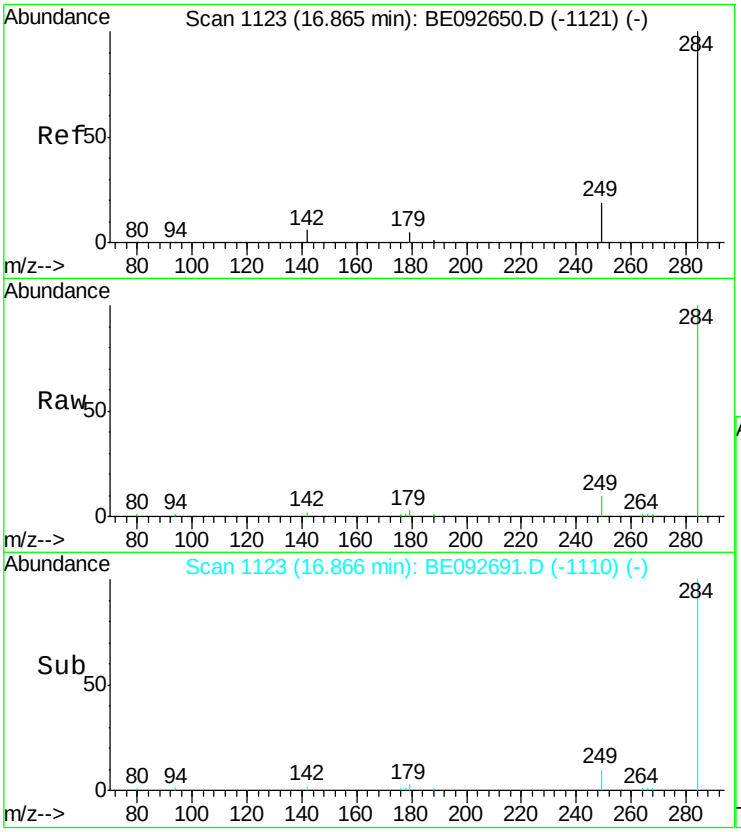


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:188 Resp: 72763

Ion	Ratio	Lower	Upper
188	100		
94	7.3	3.2	4.8#
80	6.6	2.6	3.8#



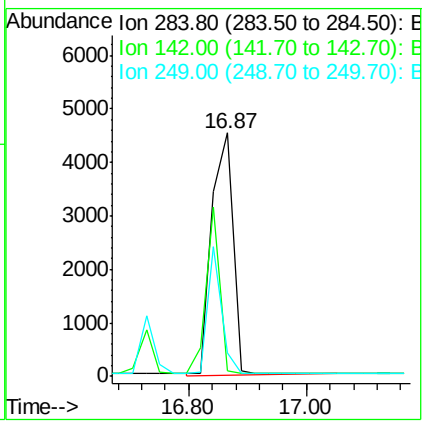


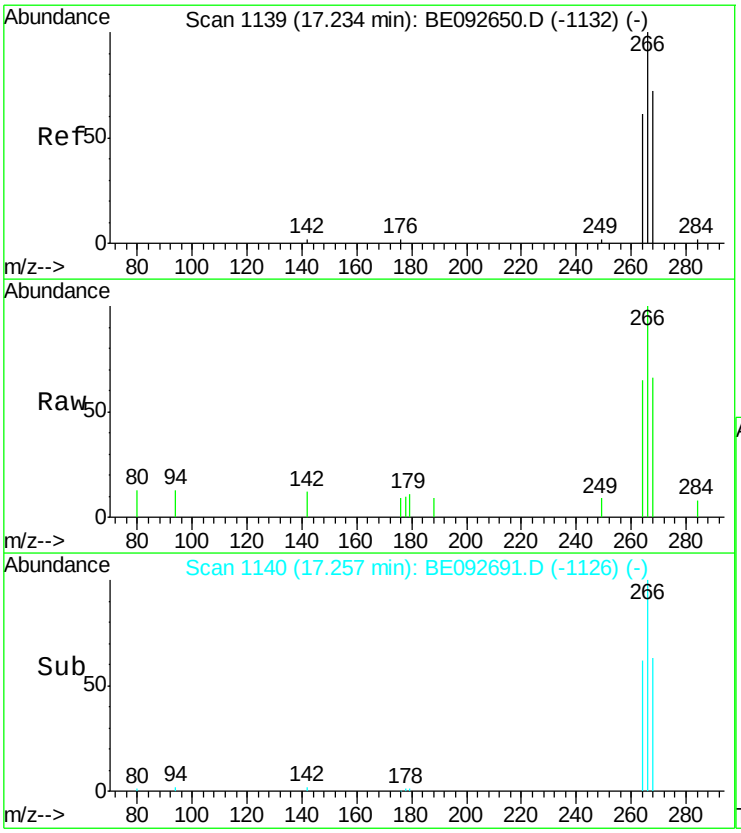
#19
Hexachlorobenzene
Concen: 4.74 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:284 Resp: 11263

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	0.0	27.9	41.9#

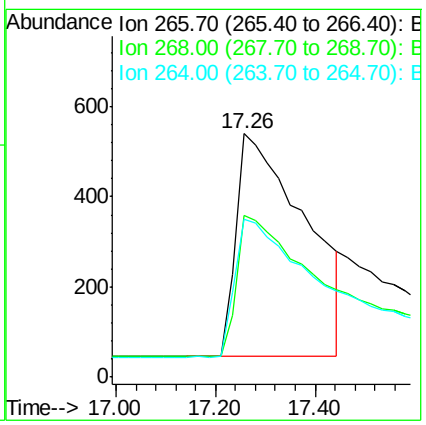


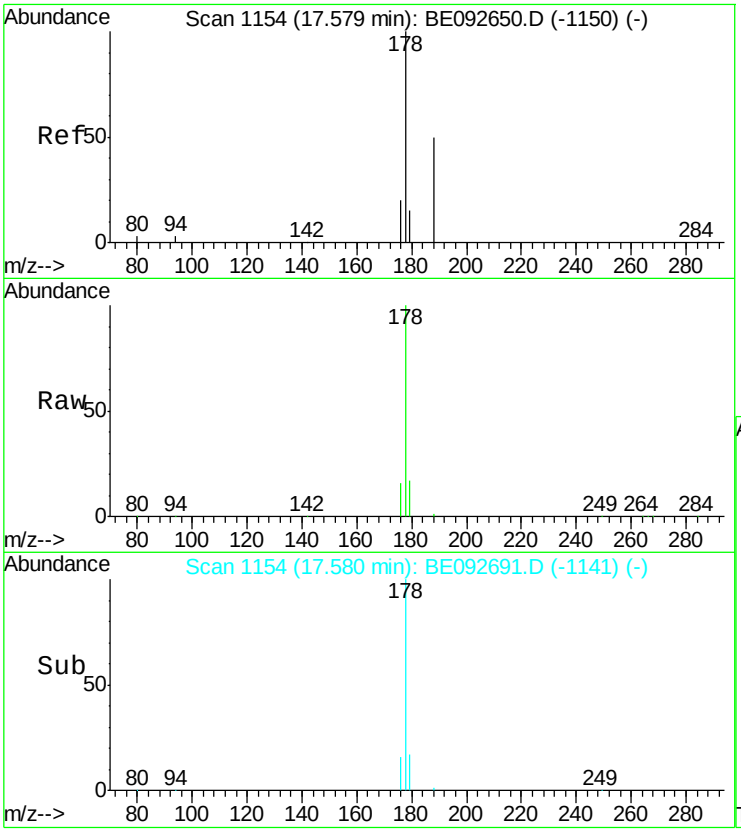


#20
Pentachlorophenol
Concen: 6.28 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:266 Resp: 4697

Ion	Ratio	Lower	Upper
266	100		
268	66.3	62.5	93.7
264	64.8	57.2	85.8



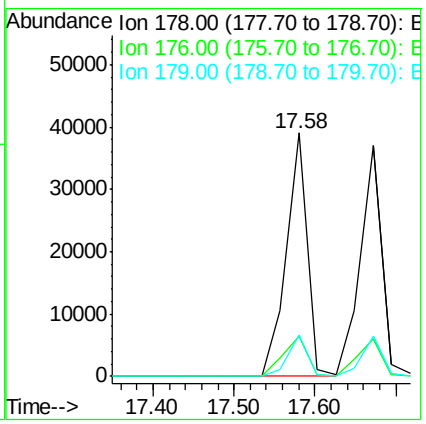


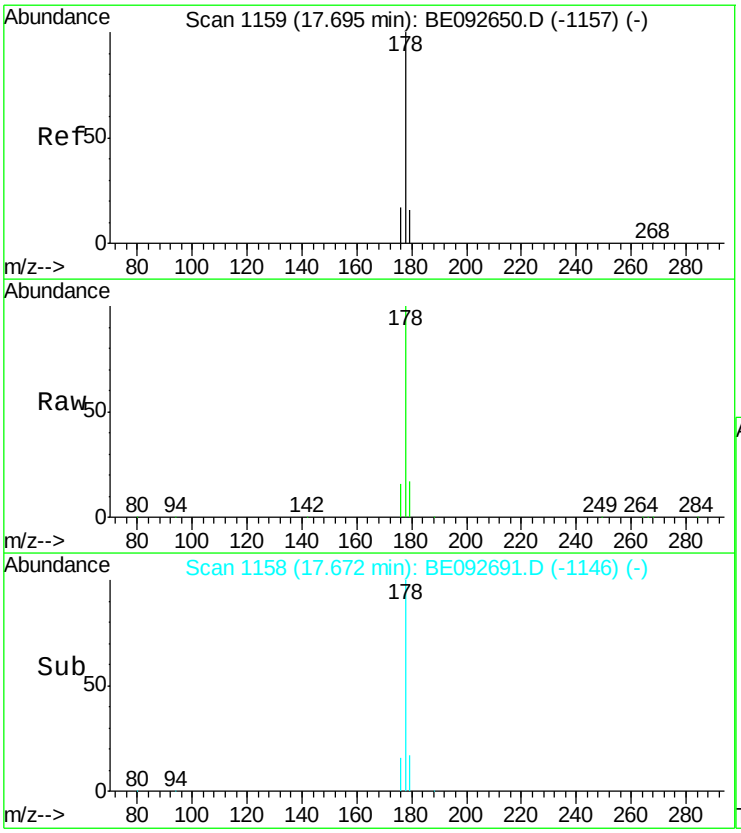
#21
Phenanthrene
Concen: 4.38 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:178 Resp: 70308

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.0	16.0	24.0#

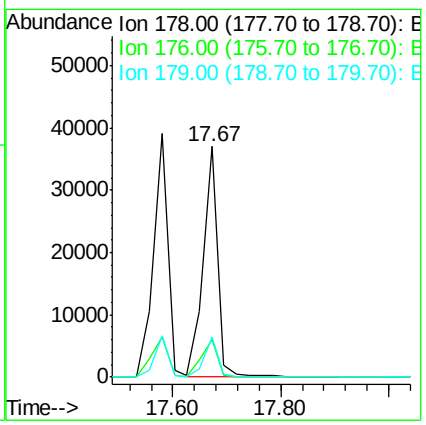


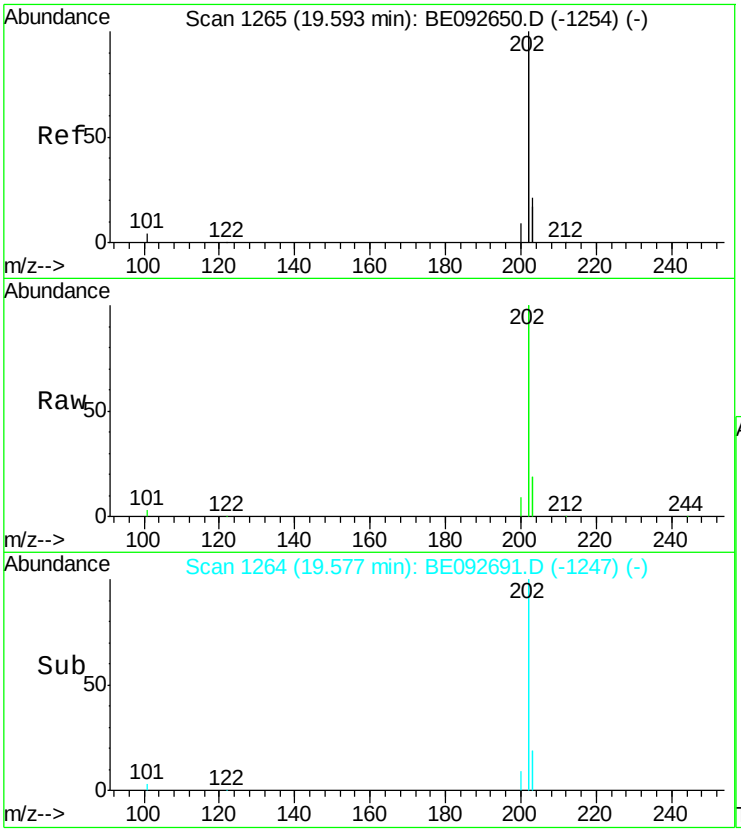


#22
Anthracene
Concen: 4.69 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:178 Resp: 69574

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.9	12.2	18.2



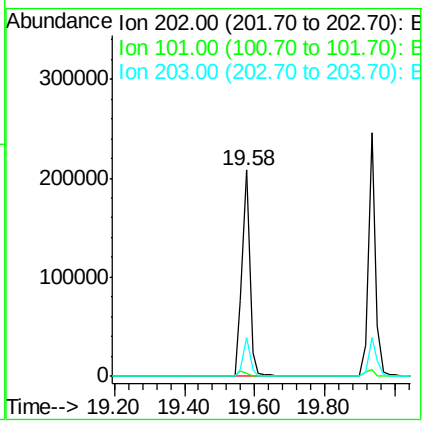


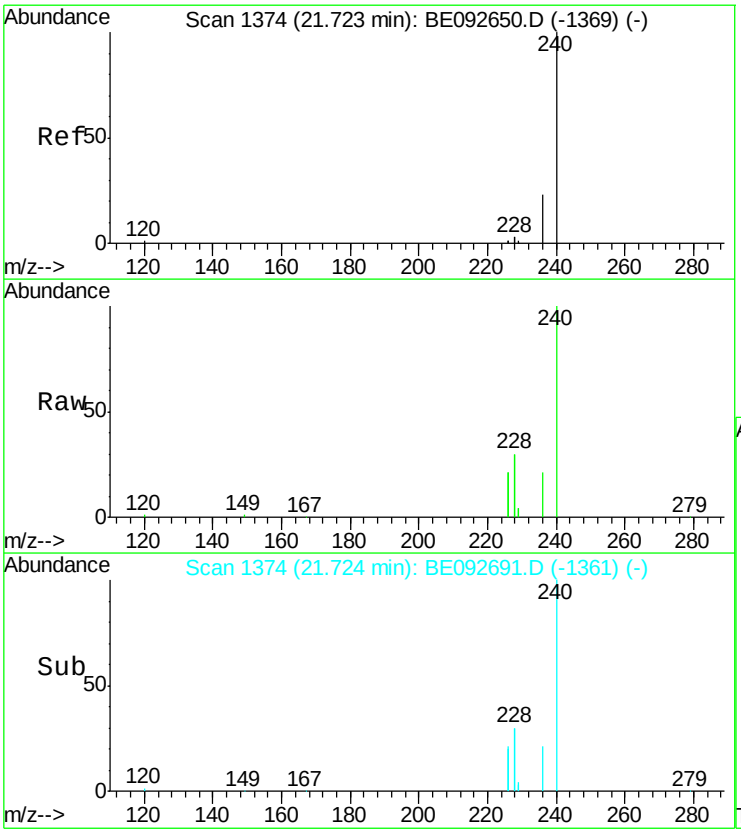
#23
Fluoranthene
Concen: 4.57 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:202 Resp: 325358

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5

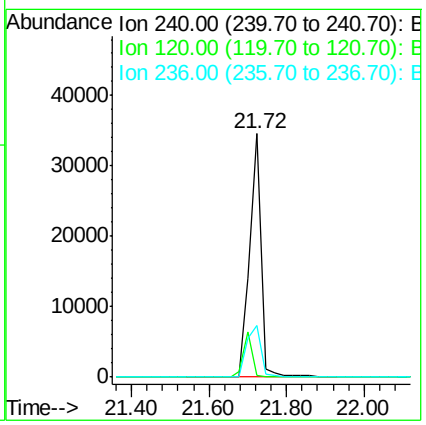


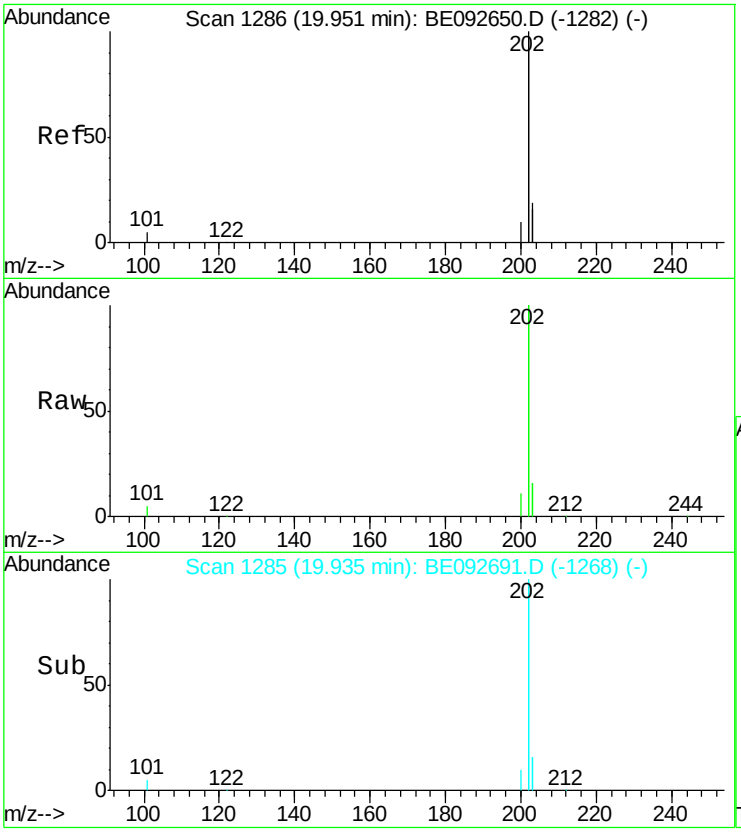


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:240 Resp: 69607

Ion	Ratio	Lower	Upper
240	100		
120	0.8	2.6	4.0#
236	21.0	24.6	37.0#



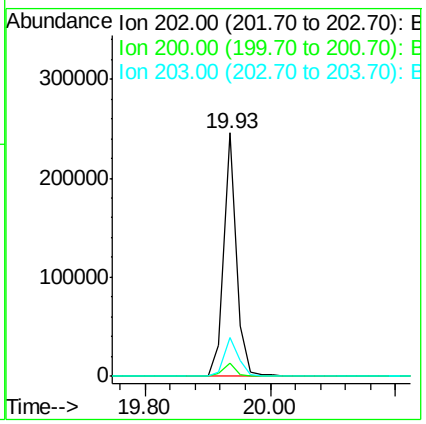


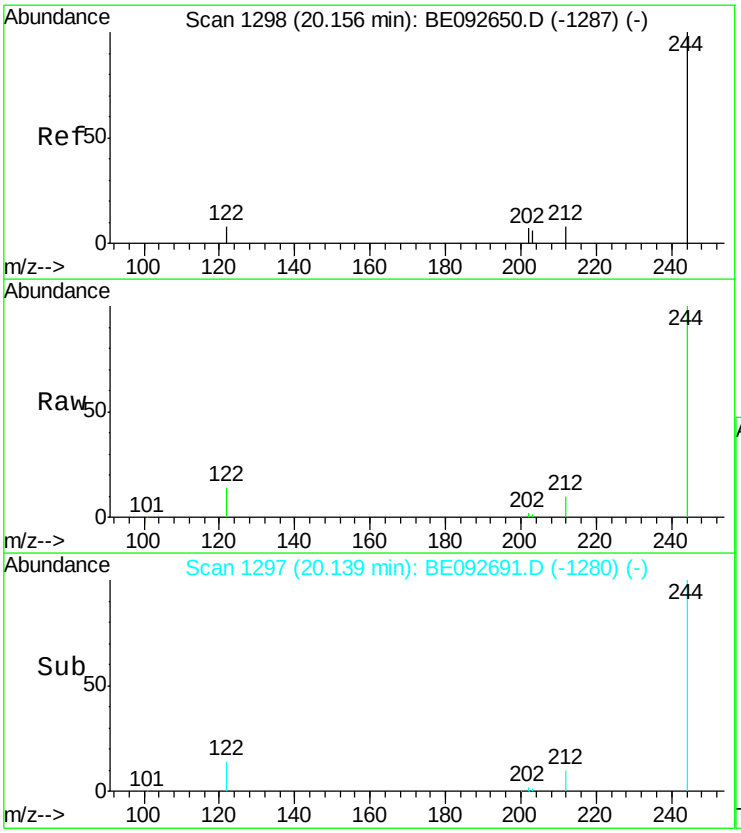
#25
Pyrene
Concen: 4.99 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:202 Resp: 342292

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.0	13.9	20.9

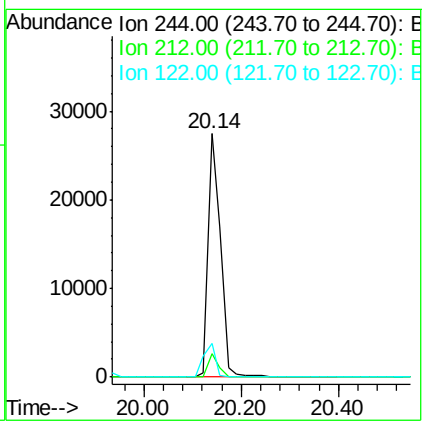


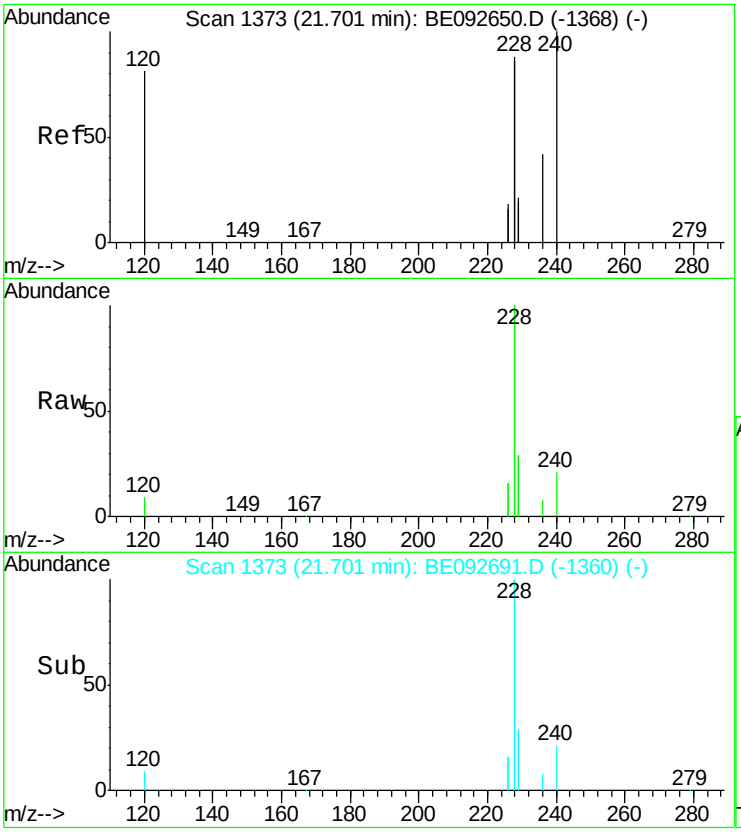


#26
Terphenyl-d14
Concen: 4.85 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:244 Resp: 47688

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.7	10.1
122	13.7	3.6	5.4#



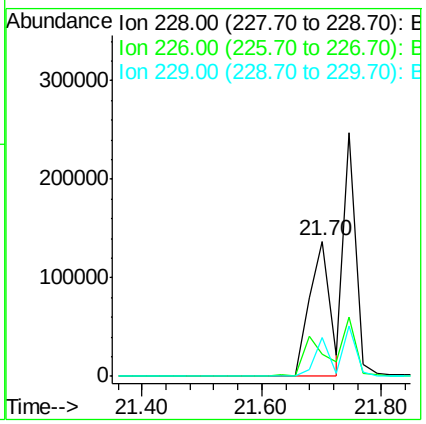


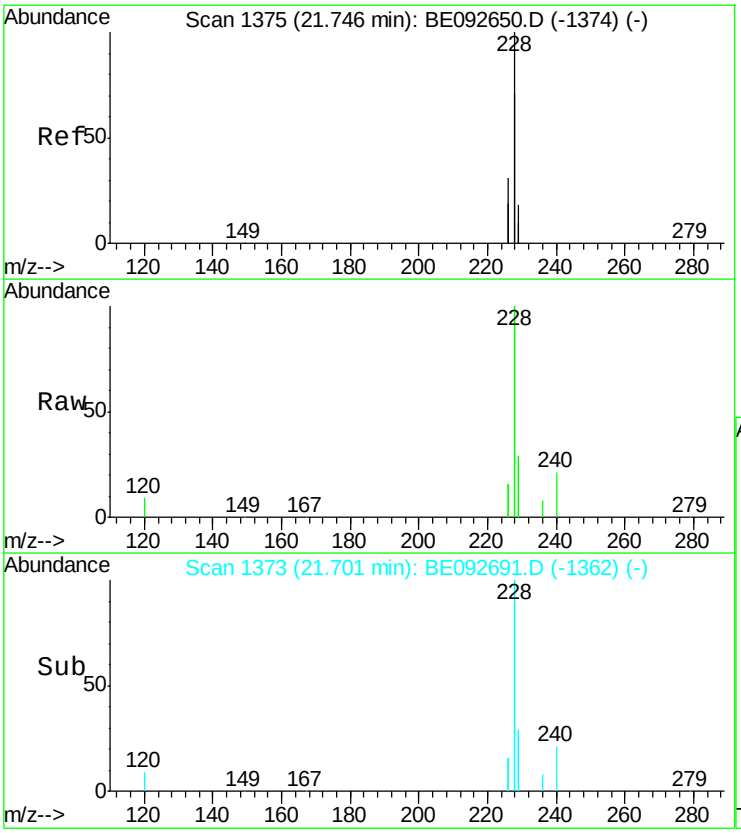
#27
Benzo(a)anthracene
Concen: 4.71 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:228 Resp: 322731

Ion	Ratio	Lower	Upper
228	100		
226	16.1	23.6	35.4#
229	28.7	13.3	19.9#

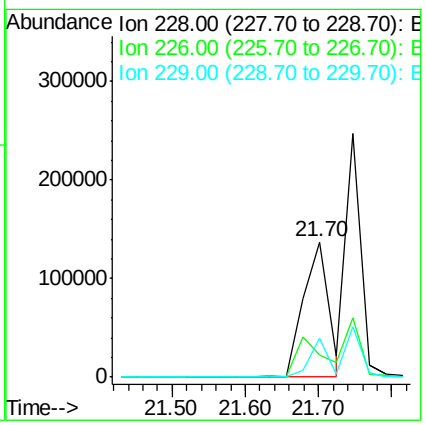


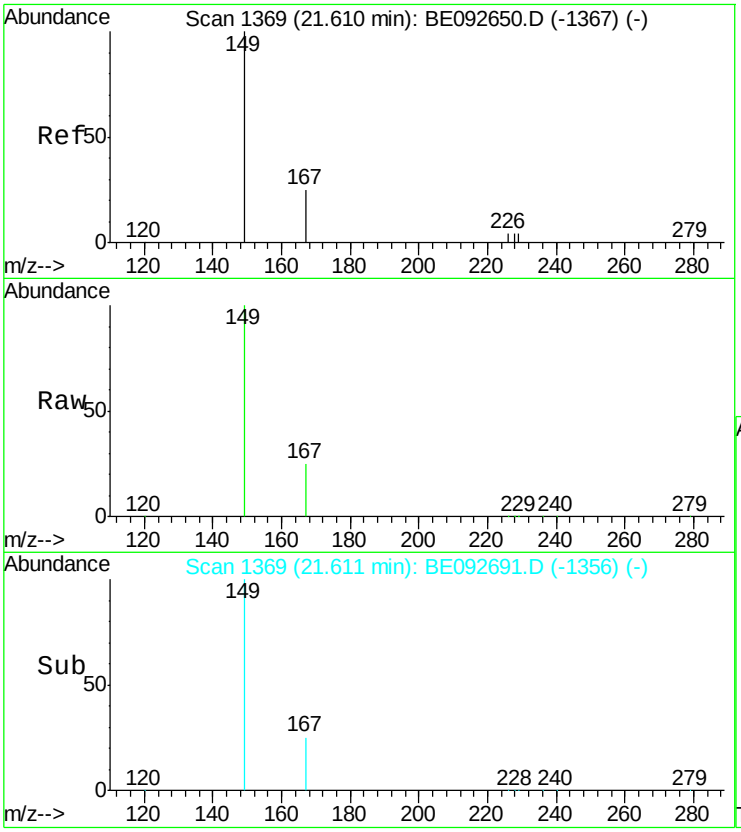


#28
Chrysene
Concen: 4.18 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:228 Resp: 322698

Ion	Ratio	Lower	Upper
228	100		
226	16.1	36.3	54.5#
229	28.7	10.6	16.0#



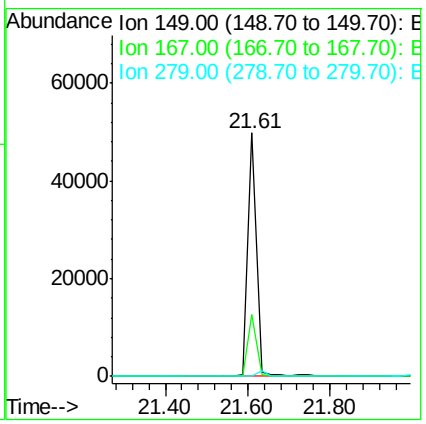


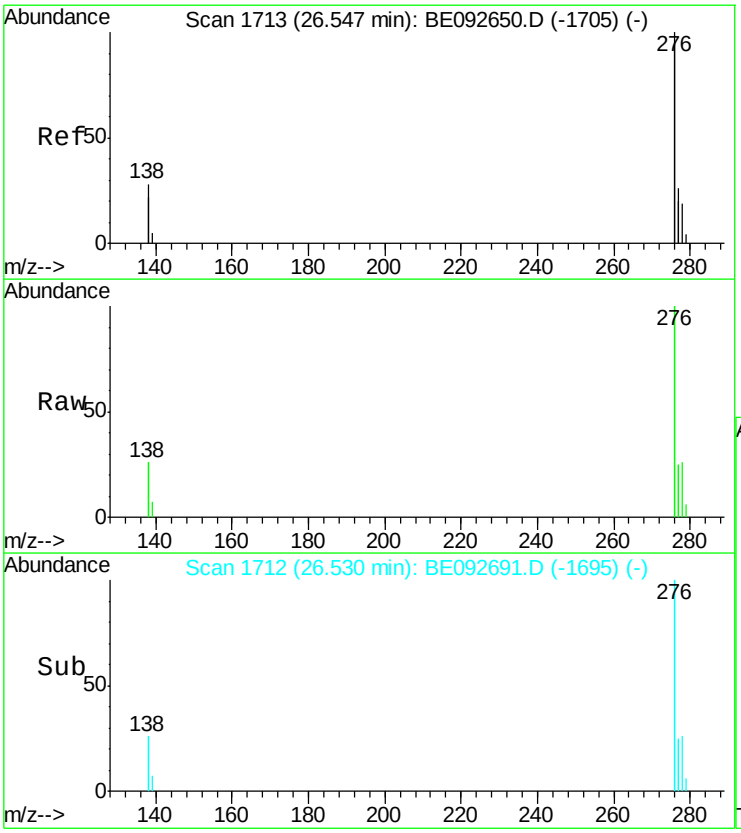
#29
Bis(2-ethylhexyl)phthalate
Concen: 5.19 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:149 Resp: 70164

Ion	Ratio	Lower	Upper
149	100		
167	25.2	16.0	24.0#
279	0.0	16.0	24.0#

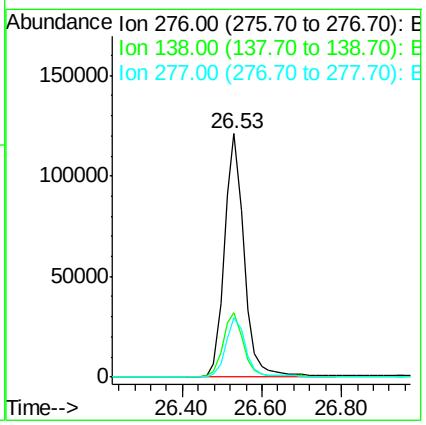


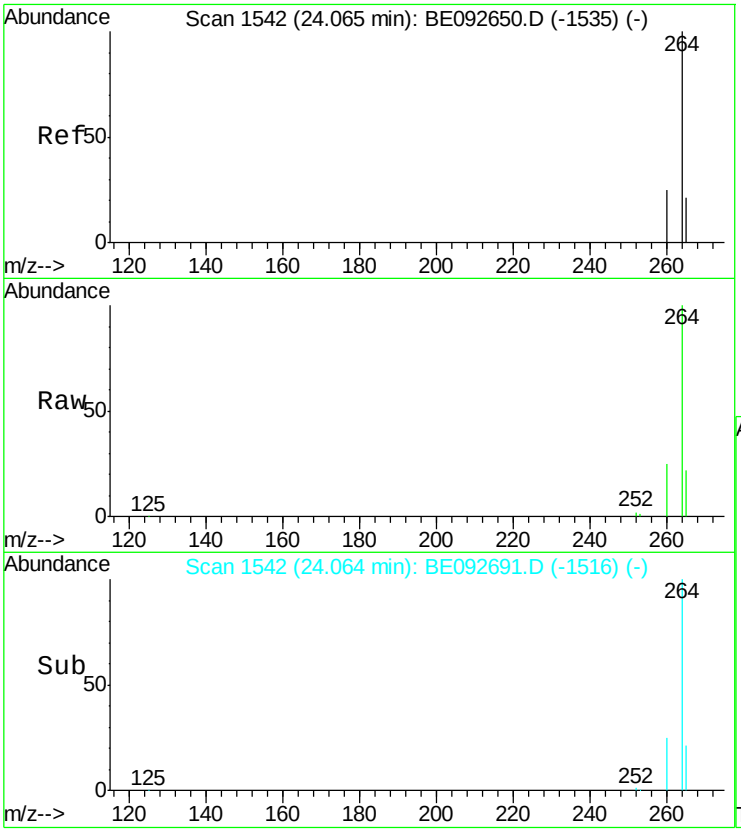


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:276 Resp: 410814

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.3	30.5
277	24.8	19.7	29.5



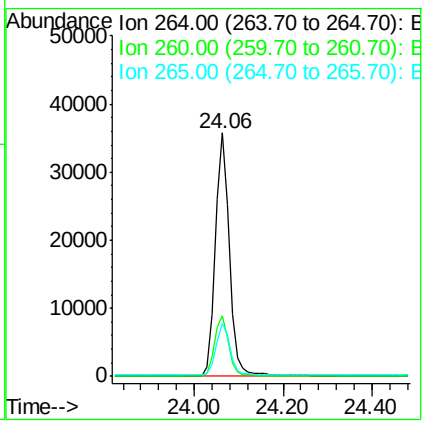


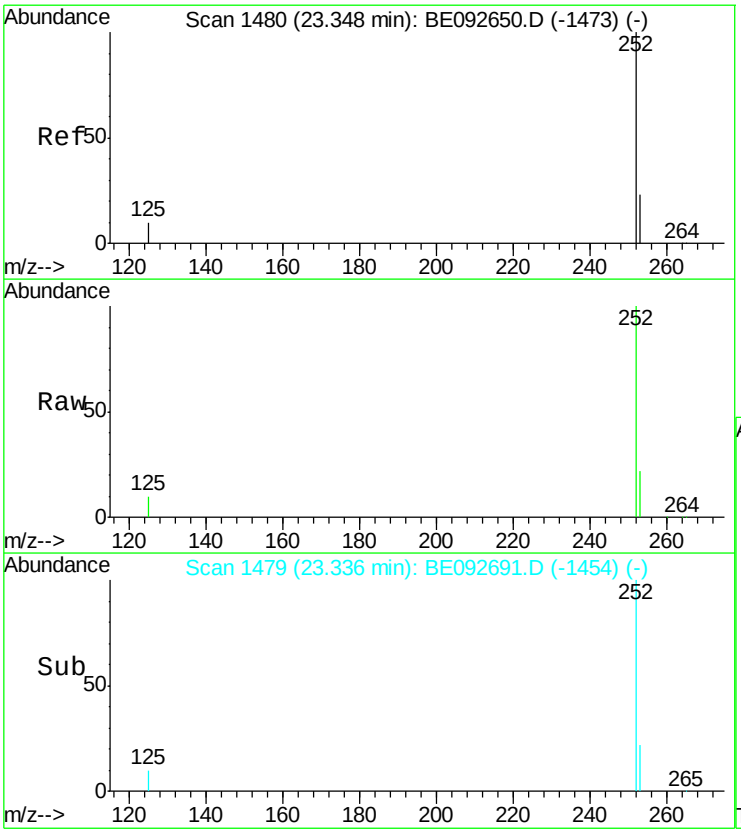
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:264 Resp: 78718

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.9	17.9	26.9

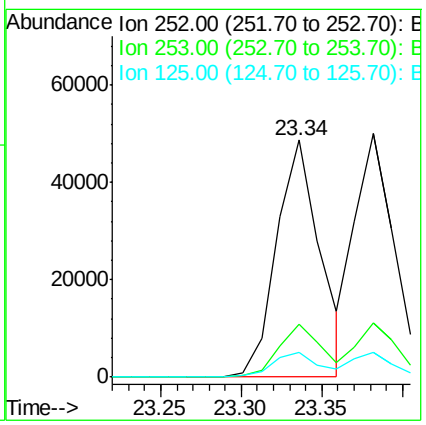


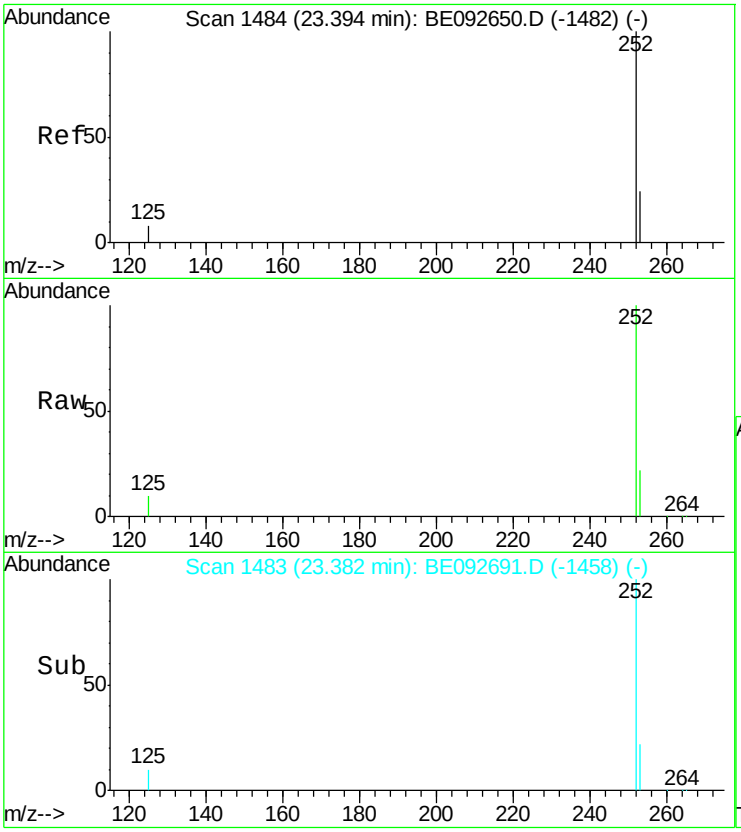


#32
Benzo(b)fluoranthene
Concen: 4.79 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:252 Resp: 91289

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	10.3	10.5	15.7#



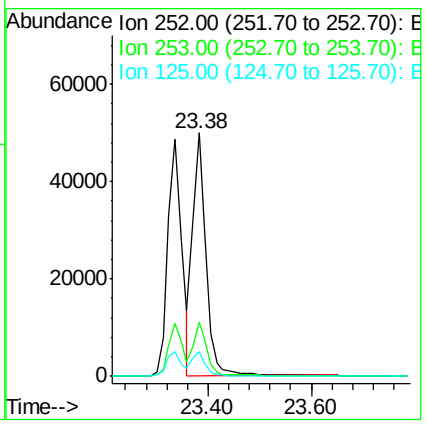


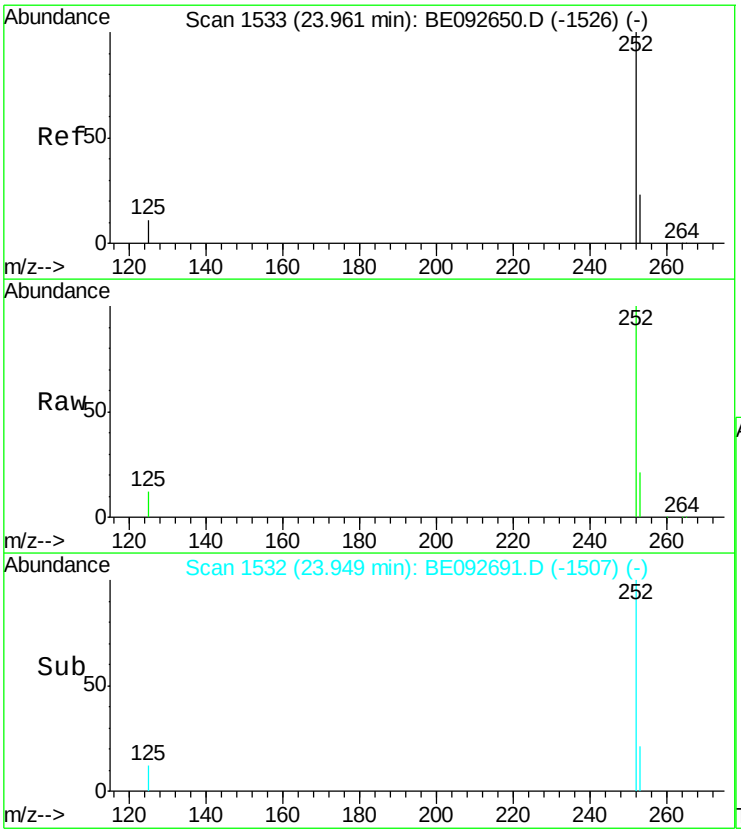
#33
Benzo(k)fluoranthene
Concen: 4.70 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:252 Resp: 89931

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	10.2	9.6	14.4

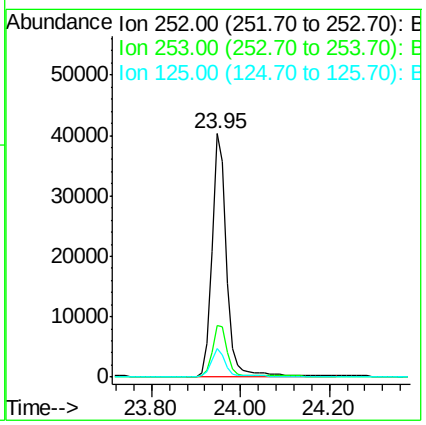


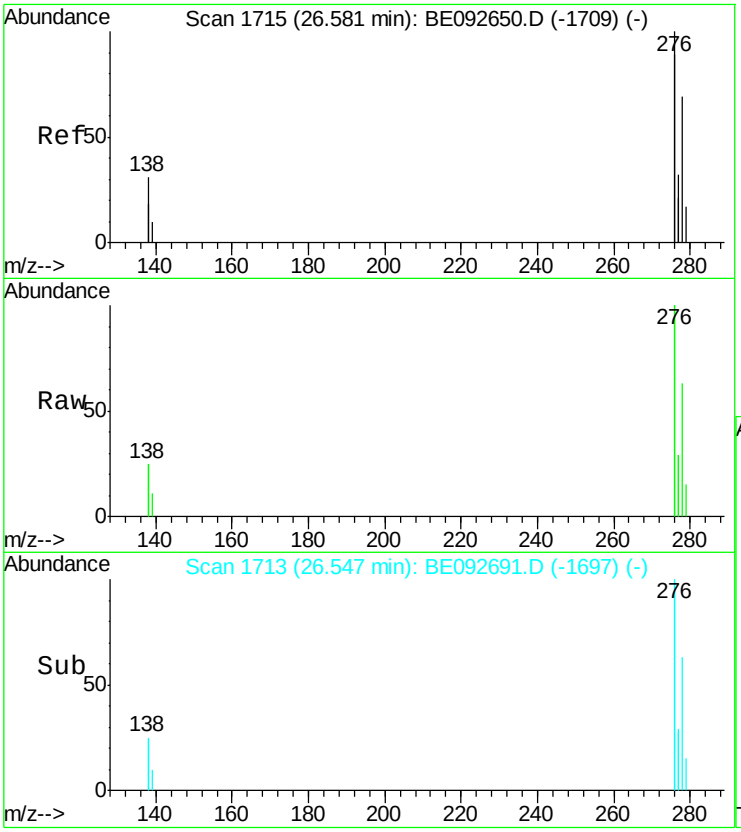


#34
Benzo(a)pyrene
Concen: 5.04 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:252 Resp: 90055

Ion	Ratio	Lower	Upper
252	100		
253	21.1	19.0	28.6
125	12.0	11.8	17.8



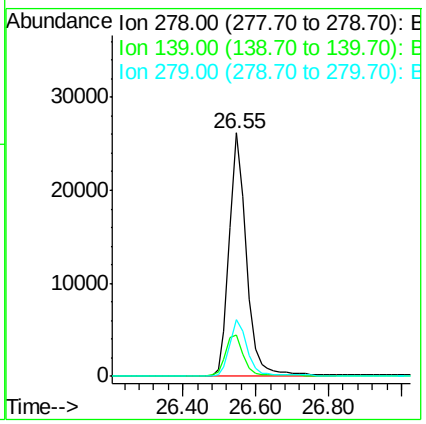


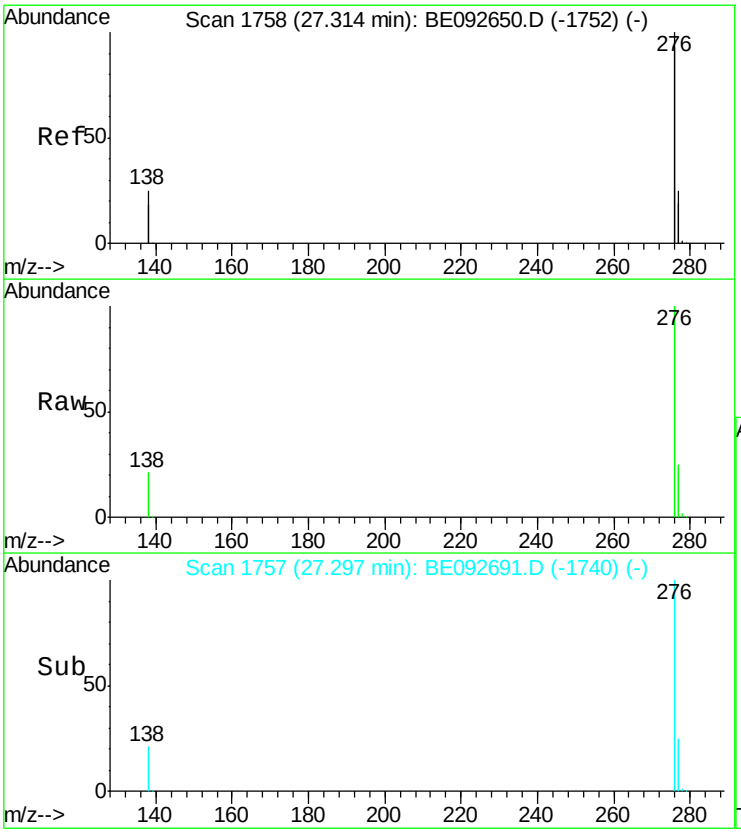
#35
Dibenzo(a,h)anthracene
Concen: 4.85 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB96577BS

Tgt Ion:278 Resp: 84831

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.8
279	23.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.73 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092691.D
Acq: 31 Jan 2017 17:42

Tgt Ion:276 Resp: 349944

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	21.1	19.8	29.6