Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092652.D
Acq On : 16 Jan 2017 15:10
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 16 15:50:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 15:00:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9340	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	43235	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	27733	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	63271	5.00	ng		0.00
24) Chrysene-d12	21.72	240	63874	5.00	ng		0.00
31) Perylene-d12	24.07	264	71662	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	3082	2.17	ng		0.00
5) Phenol-d6	7.31	99	4059	1.99	ng		-0.02
8) Nitrobenzene-d5	9.32	82	4294	1.77	ng		-0.02
13) 2,4,6-Tribromophenol	16.28	330	1101	1.76	ng		-0.01
14) 2-Fluorobiphenyl	13.41	172	10903	1.64	ng		-0.01
26) Terphenyl-d14	20.16	244	14476	1.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	2002	1.46	ng		91
3) n-Nitrosodimethylamine	3.73	42	2641	2.31	ng	#	93
6) bis(2-Chloroethyl)ether	7.57	93	4172	1.97	ng	#	28
9) Naphthalene	10.97	128	13853	1.56	ng		95
10) Hexachlorobutadiene	11.24	225	2079	1.54	ng		99
11) 2-Methylnaphthalene	12.81	142	8529	1.51	ng		97
15) Acenaphthylene	14.49	152	61547	1.61	ng		100
16) Acenaphthene	14.85	154	9694	1.54	ng		94
17) Fluorene	15.83	166	12287	1.59	ng		99
19) Hexachlorobenzene	16.87	284	4958	1.83	ng	#	39
20) Pentachlorophenol	17.21	266	1059	2.30	ng		88
21) Phenanthrene	17.58	178	21508	1.35	ng	#	95
22) Anthracene	17.67	178	20860	1.43	ng		99
23) Fluoranthene	19.58	202	97141	1.41	ng		99
25) Pyrene	19.93	202	101056	1.80	ng		100
27) Benzo(a)anthracene	21.70	228	97100	1.69	ng	#	74
28) Chrysene	21.70	228	97100	1.46	ng	#	57
29) Bis(2-ethylhexyl)phthalate	21.61	149	15337	2.47	ng	#	72
30) Indeno(1,2,3-cd)pyrene	26.53	276	125913	2.10	ng		98
32) Benzo(b)fluoranthene	23.34	252	27143	1.65	ng		96
33) Benzo(k)fluoranthene	23.38	252	28231	1.54	ng		94
34) Benzo(a)pyrene	23.95	252	26580	1.67	ng		96
35) Dibenzo(a,h)anthracene	26.55	278	25750	1.70	ng		94
36) Benzo(g,h,i)perylene	27.30	276	106358	1.64	ng		98

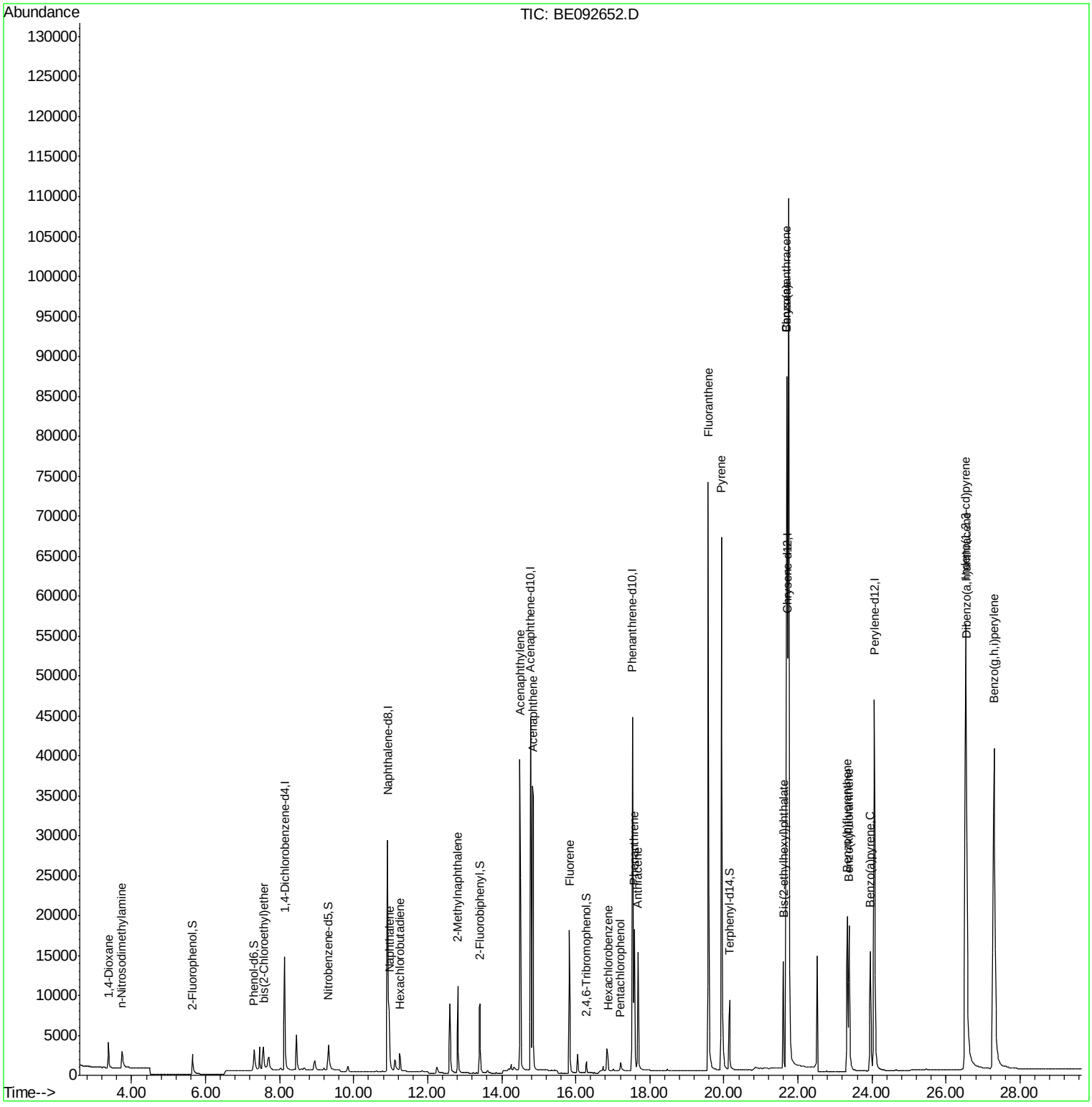
(#) = qualifier out of range (m) = manual integration (+) = signals summed

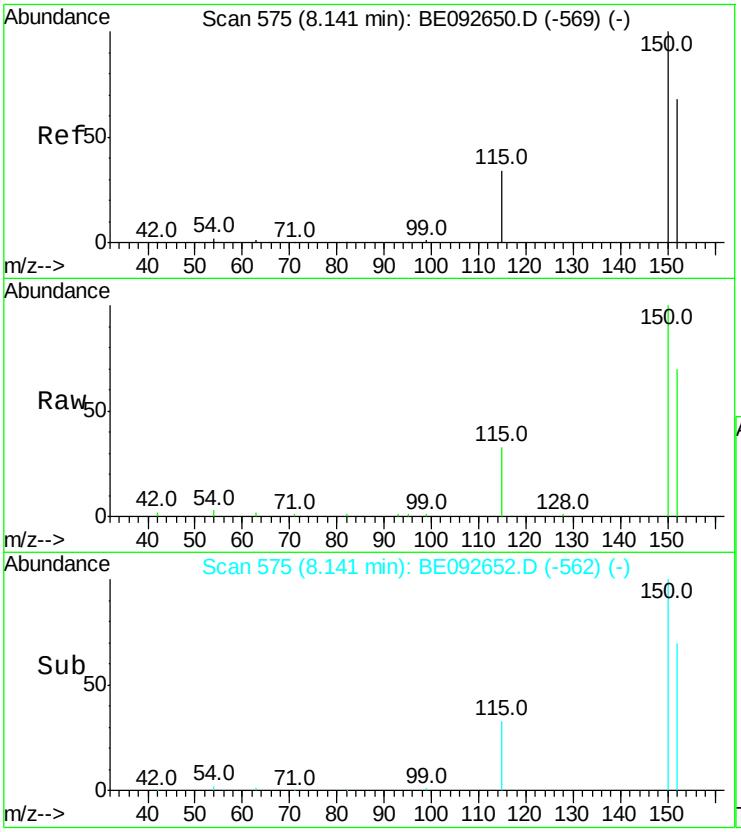
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092652.D
Acq On : 16 Jan 2017 15:10
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 15:50:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 15:00:30 2017
Response via : Initial Calibration



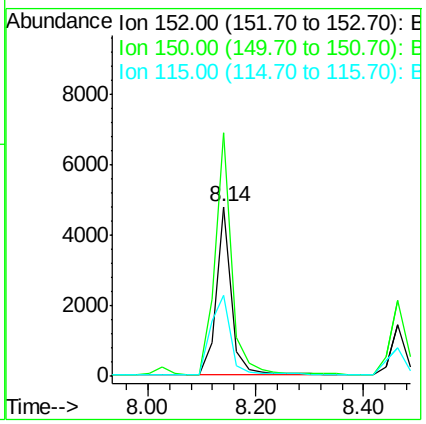


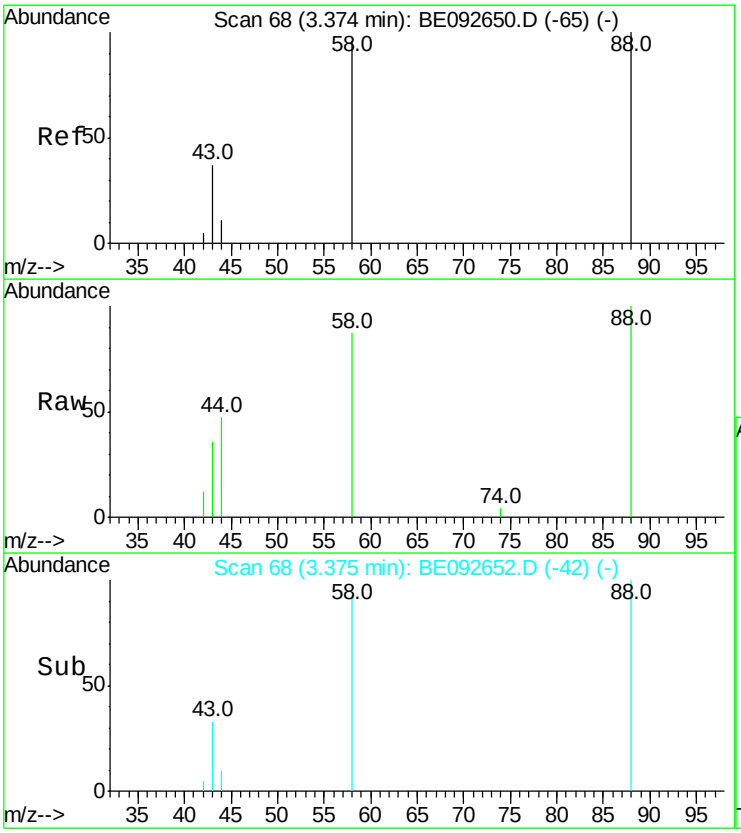
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9340

Ion	Ratio	Lower	Upper
152	100		
150	143.2	106.0	159.0
115	47.3	31.2	46.8#

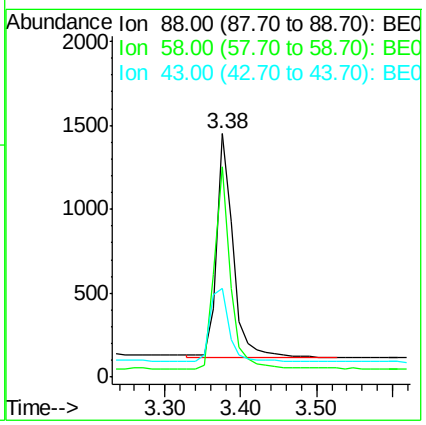


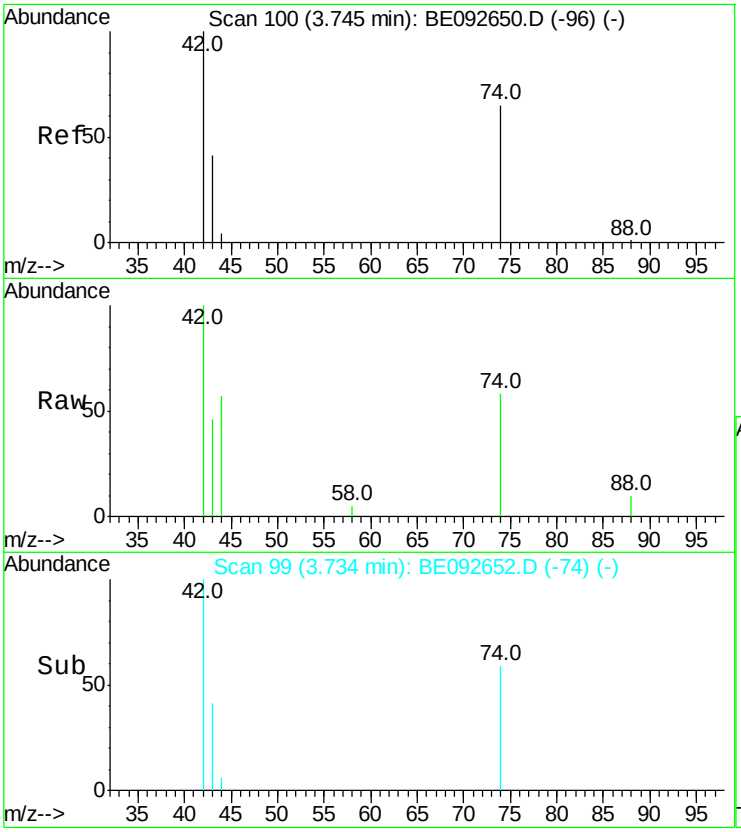


#2
1,4-Dioxane
Concen: 1.46 ng
RT: 3.38 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion: 88 Resp: 2002

Ion	Ratio	Lower	Upper
88	100		
58	89.0	63.6	95.4
43	38.1	28.0	42.0



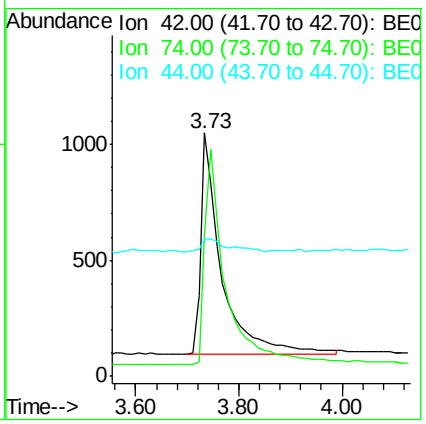


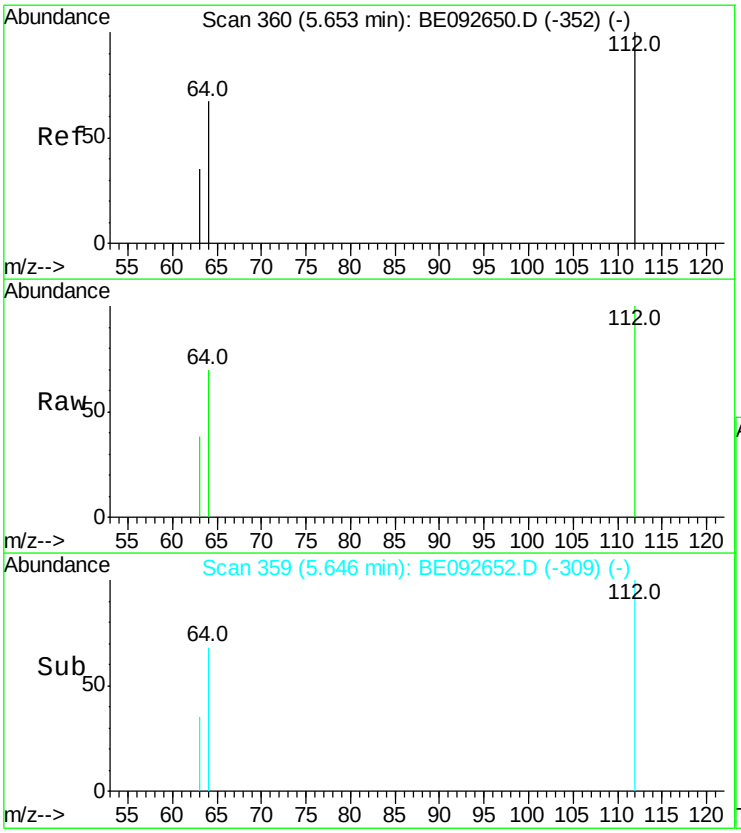
#3
n-Nitrosodimethylamine
Concen: 2.31 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2641

Ion	Ratio	Lower	Upper
42	100		
74	100.1	86.0	129.0
44	8.0	5.1	7.7#

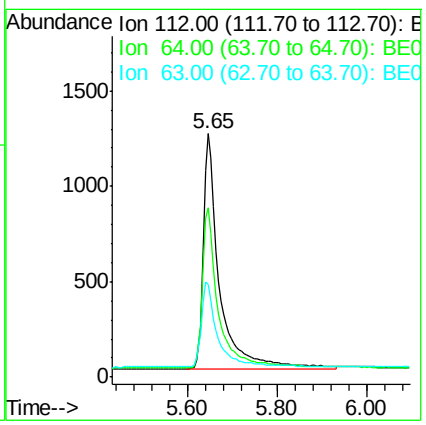


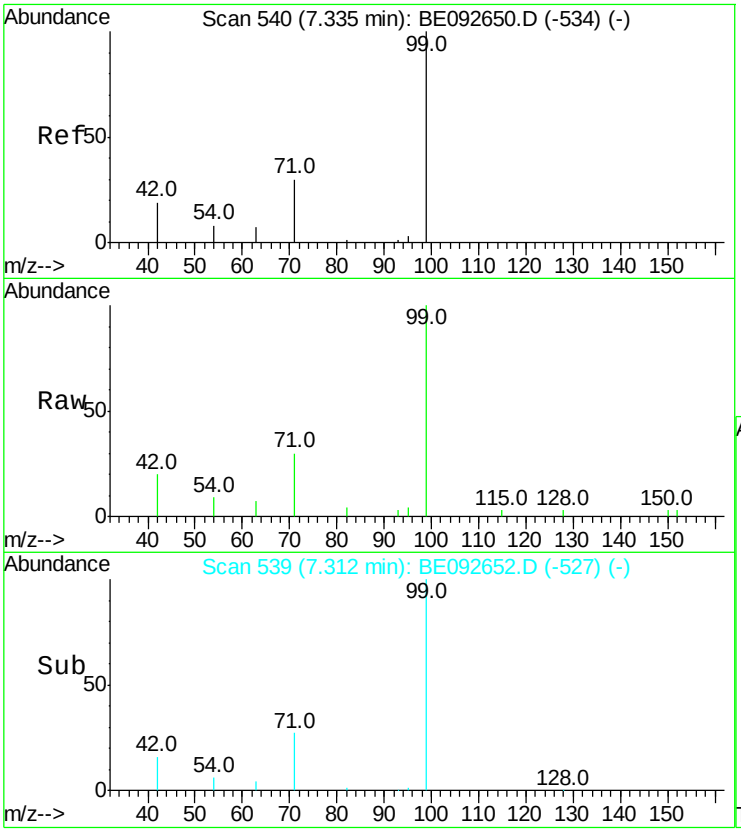


#4
2-Fluorophenol
Concen: 2.17 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:112 Resp: 3082

Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.5	80.3
63	36.3	27.9	41.9



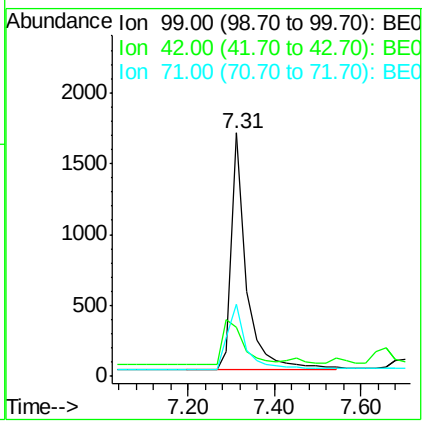


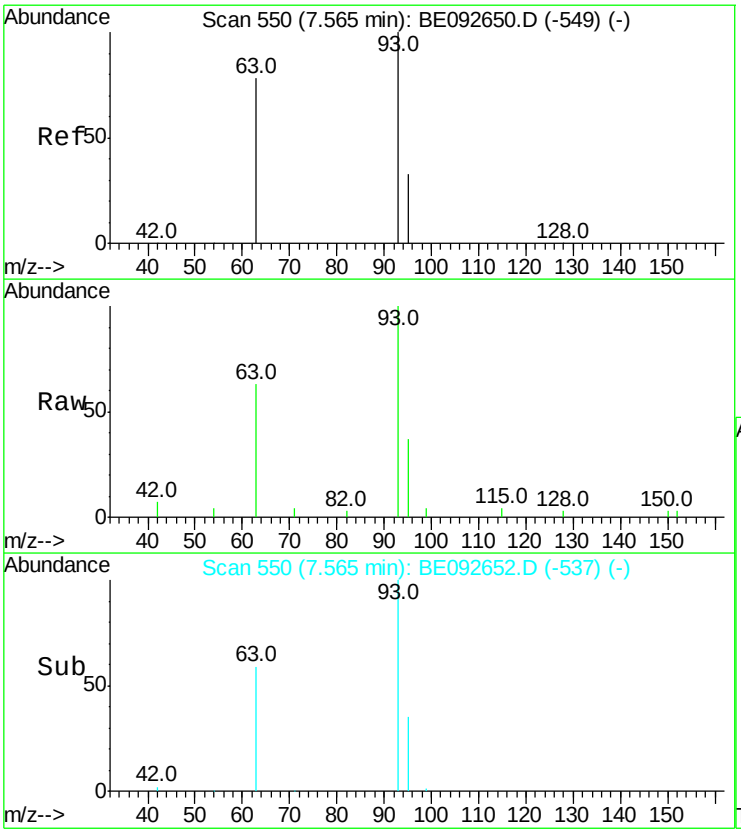
#5
Phenol-d6
Concen: 1.99 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4059

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.7	30.6	45.8

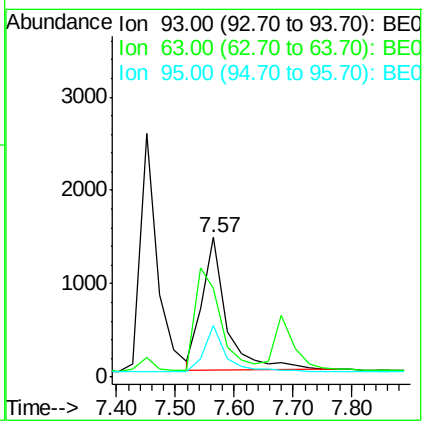


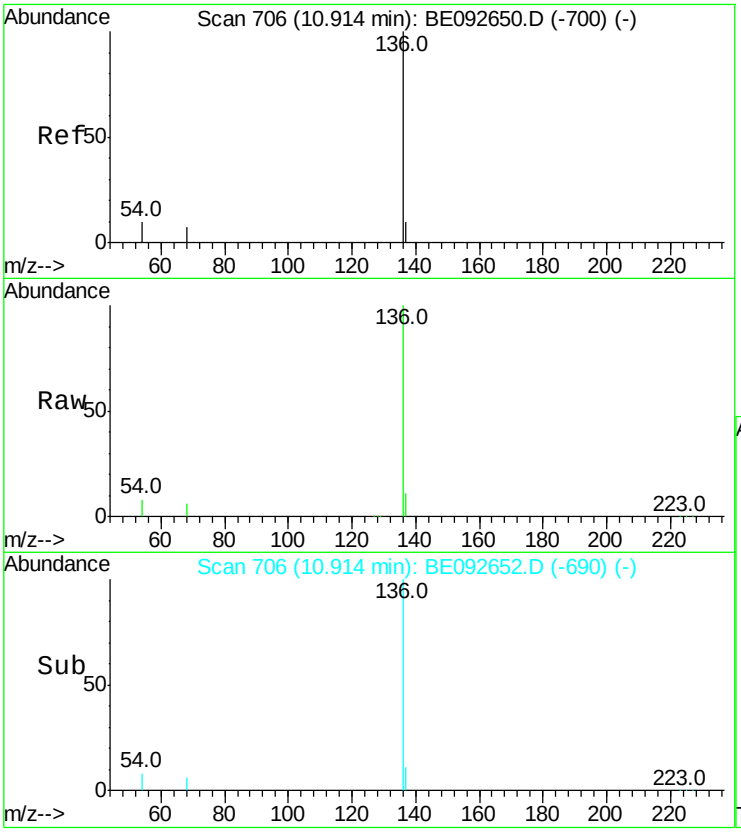


#6
bis(2-Chloroethyl)ether
Concen: 1.97 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion: 93 Resp: 4172

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	31.1	24.0	36.0



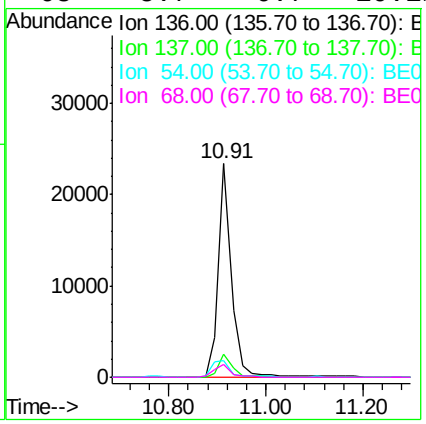


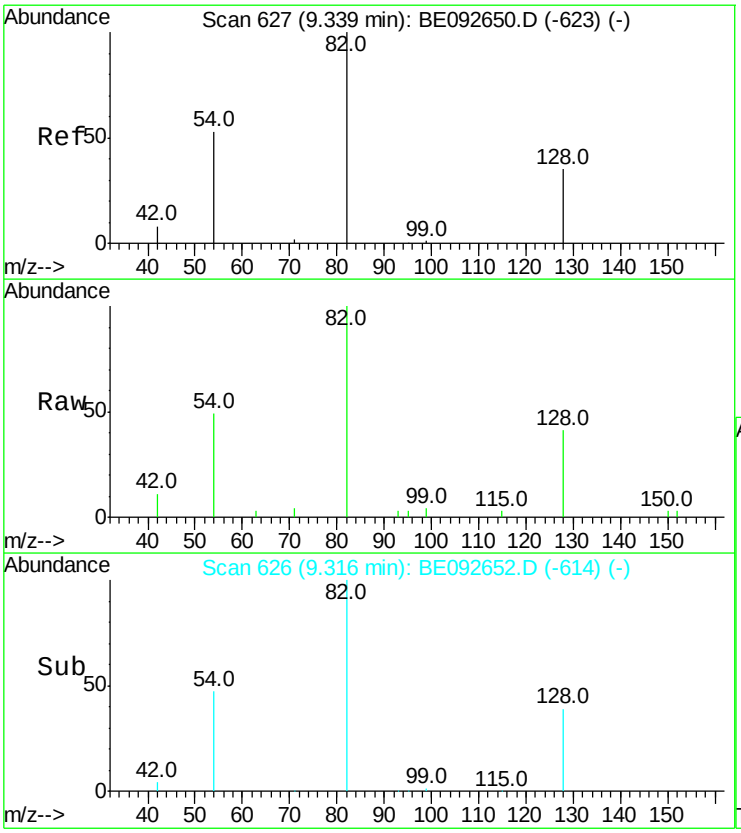
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 43235

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.9	9.6	14.4#
68	5.7	6.7	10.1#

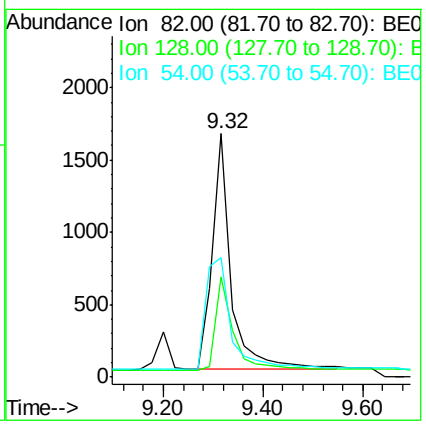


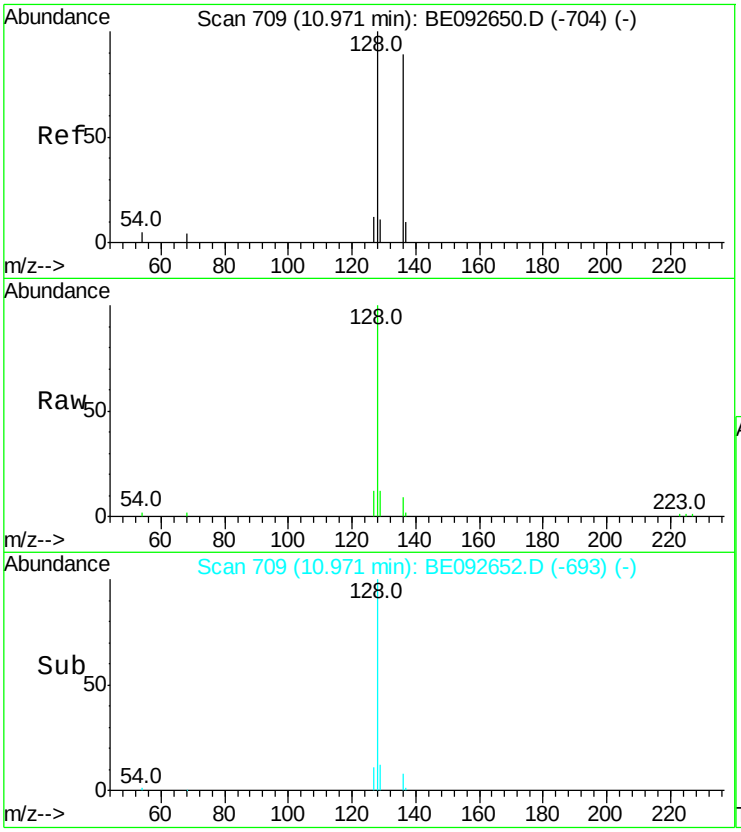


#8
Nitrobenzene-d5
Concen: 1.77 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion: 82 Resp: 4294

Ion	Ratio	Lower	Upper
82	100		
128	41.0	39.0	58.4
54	49.3	44.8	67.2



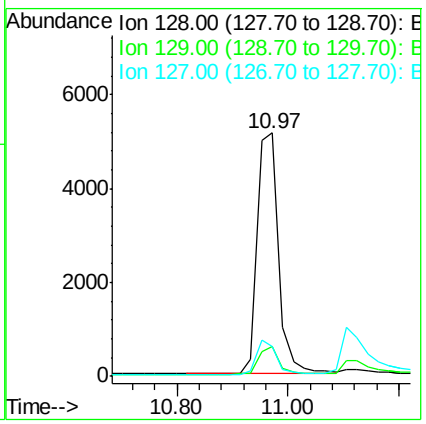


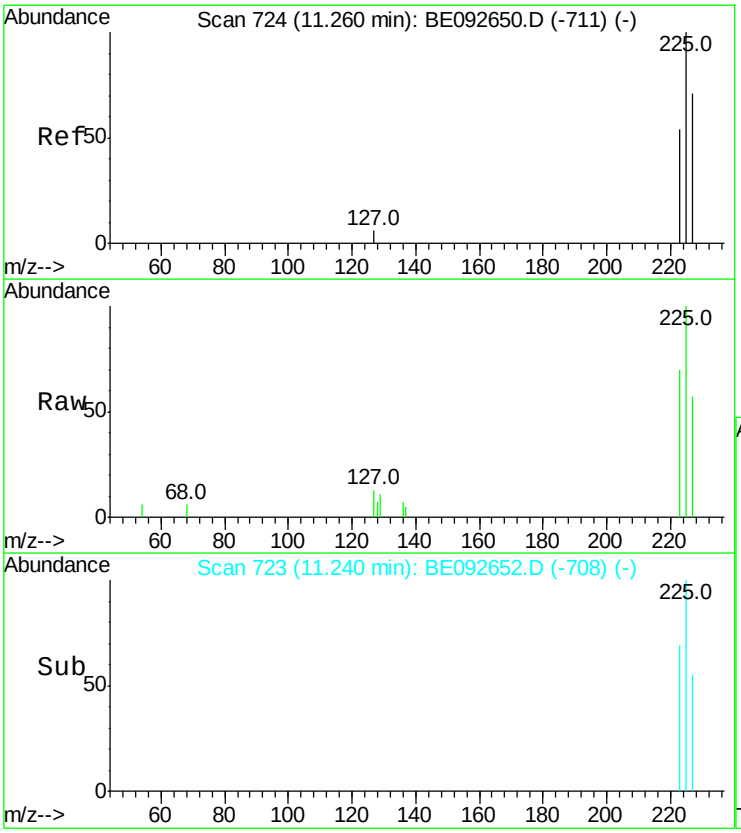
#9
Naphthalene
Concen: 1.56 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13853

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.2	16.8
127	12.1	11.6	17.4

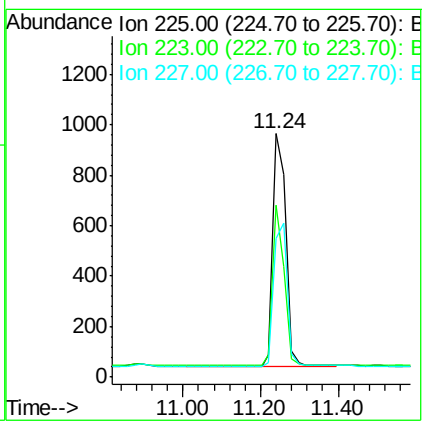


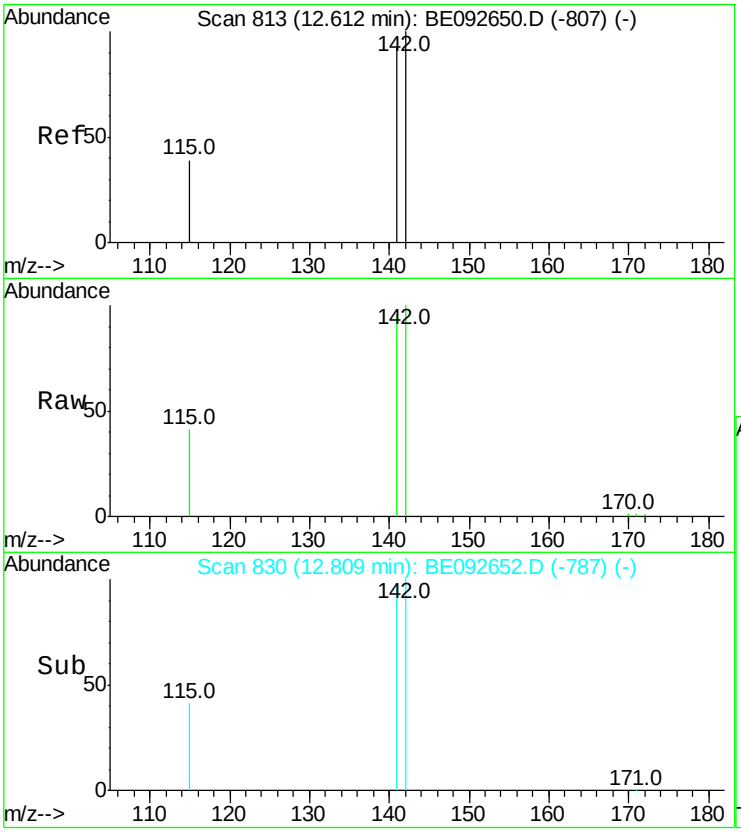


#10
Hexachlorobutadiene
Concen: 1.54 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:225 Resp: 2079

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	51.4	77.0



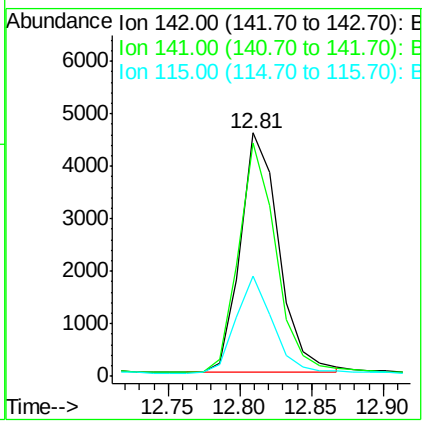


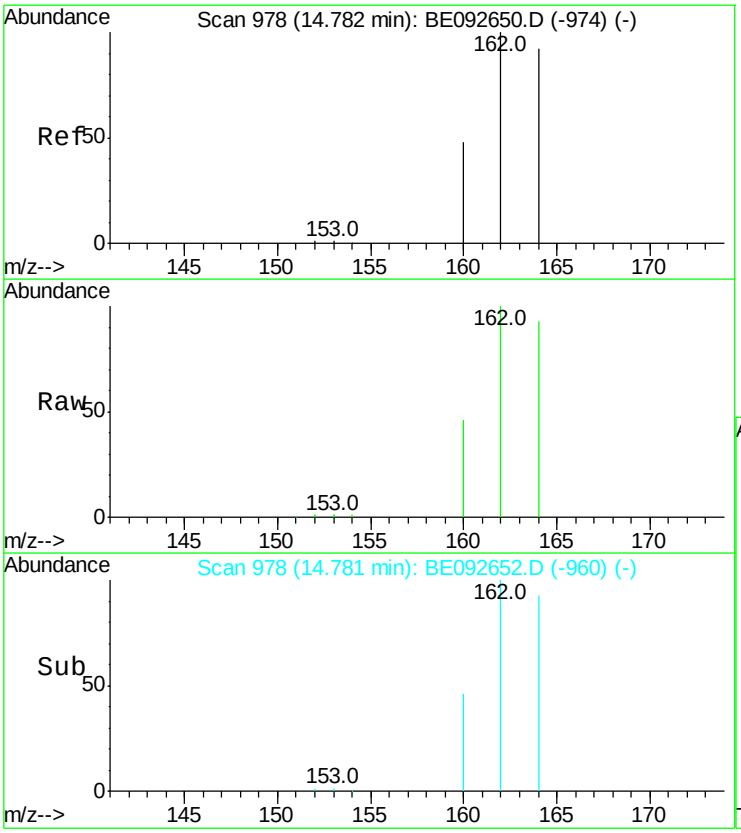
#11
2-Methylnaphthalene
Concen: 1.51 ng
RT: 12.81 min Scan# 830
Delta R.T. 0.20 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 8529

Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.7	110.5
115	41.3	34.0	51.0

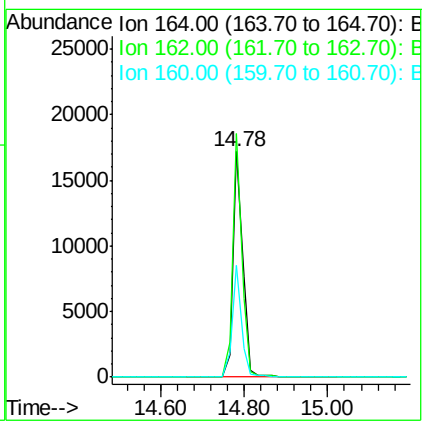


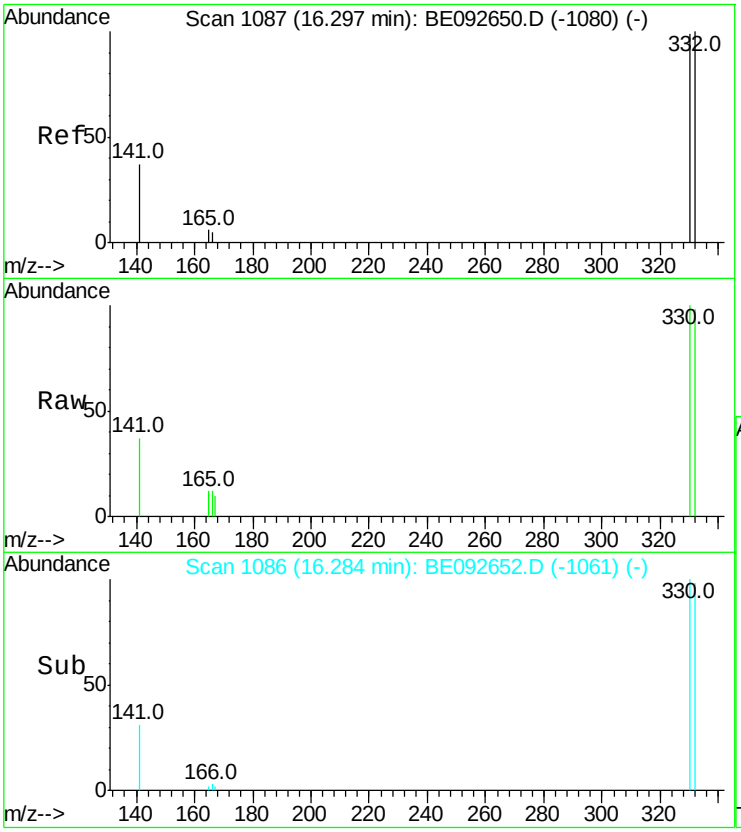


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:164 Resp: 27733

Ion	Ratio	Lower	Upper
164	100		
162	108.1	71.4	107.0#
160	49.7	27.4	41.2#



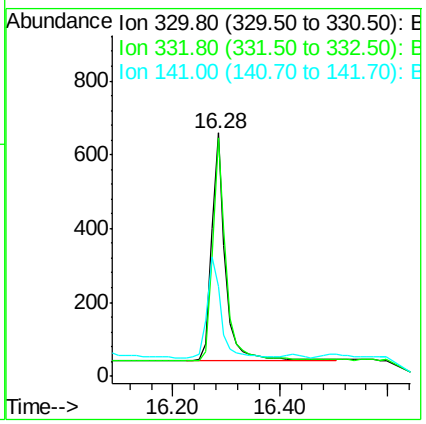


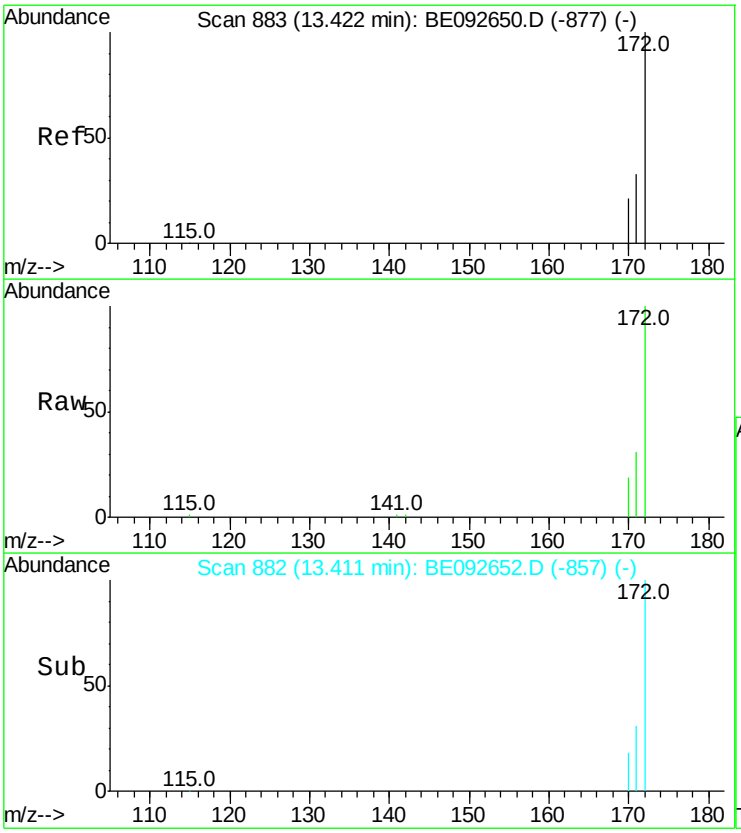
#13
2,4,6-Tribromophenol
Concen: 1.76 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1101

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	43.6	31.0	46.6

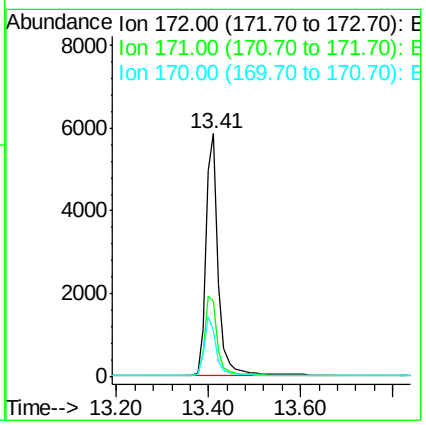


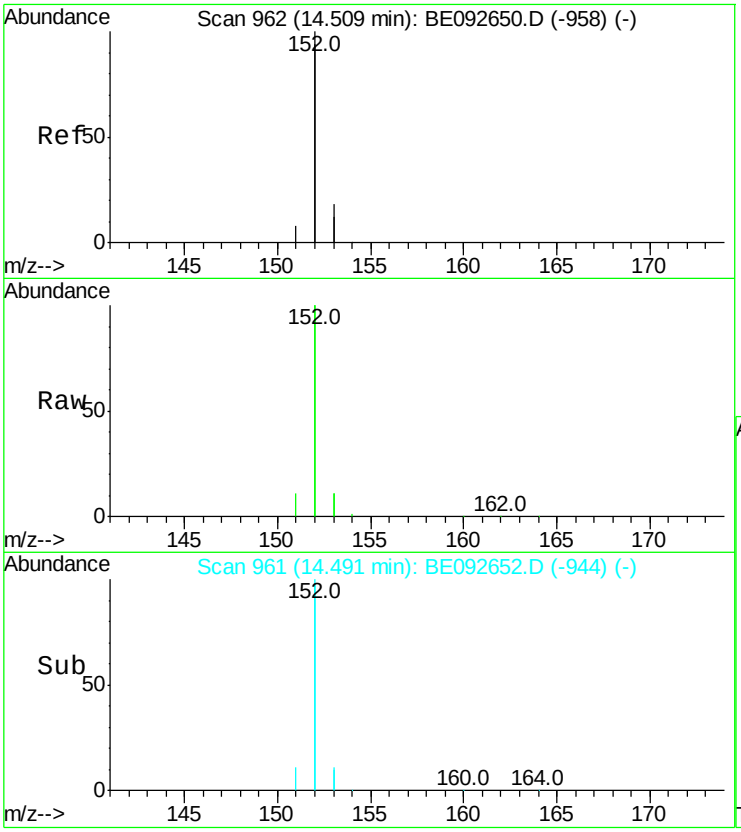


#14
2-Fluorobiphenyl
Concen: 1.64 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:172 Resp: 10903

Ion	Ratio	Lower	Upper
172	100		
171	31.0	30.1	45.1
170	18.9	21.8	32.6#



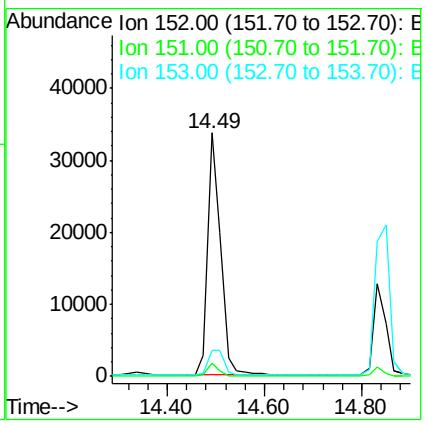


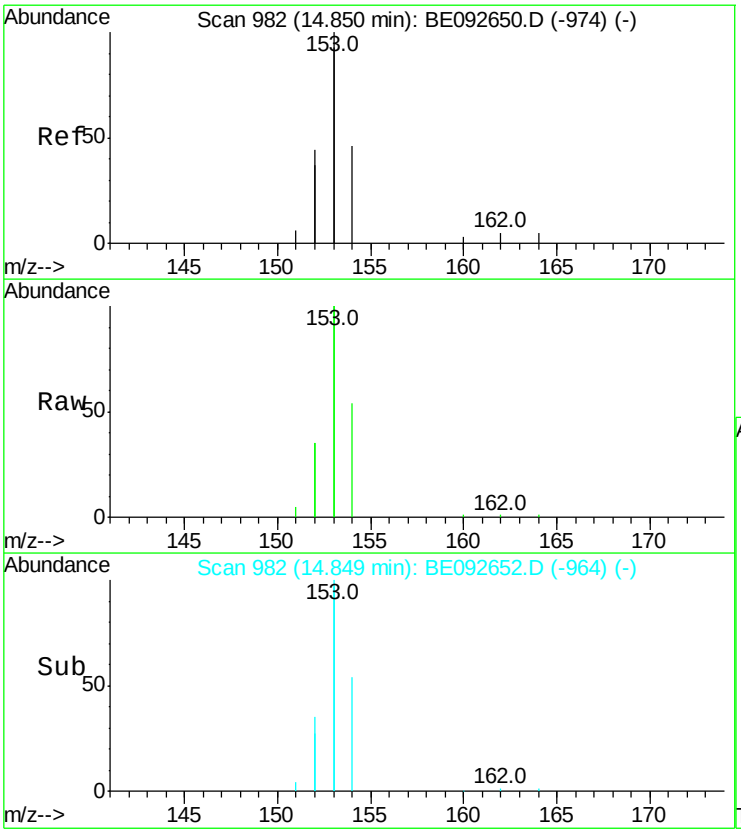
#15
Acenaphthylene
Concen: 1.61 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 61547

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

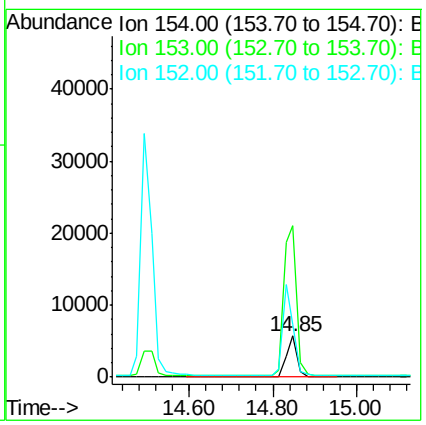


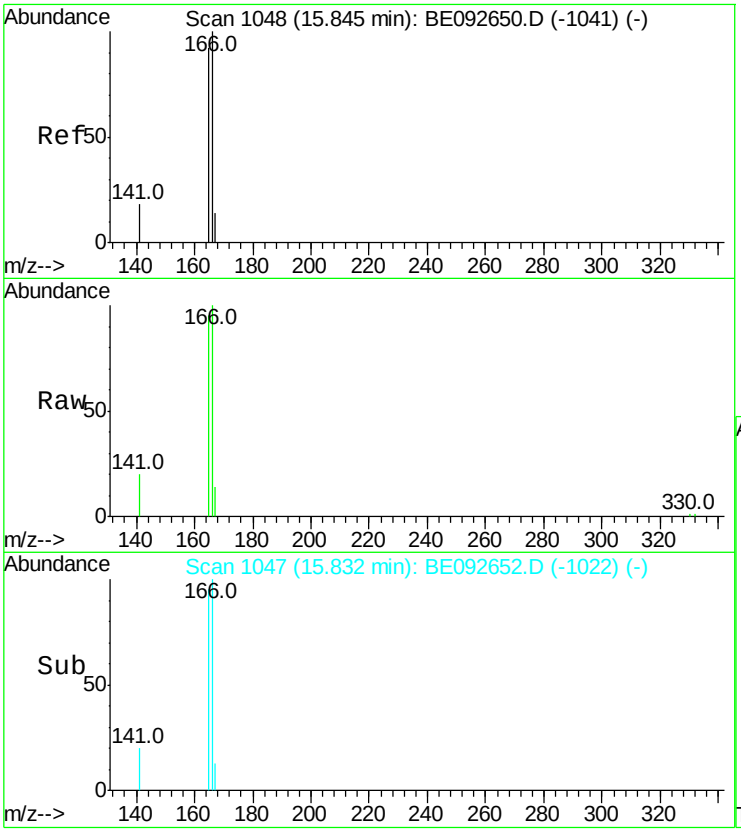


#16
Acenaphthene
Concen: 1.54 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:154 Resp: 9694

Ion	Ratio	Lower	Upper
154	100		
153	449.3	350.8	526.2
152	228.5	171.1	256.7



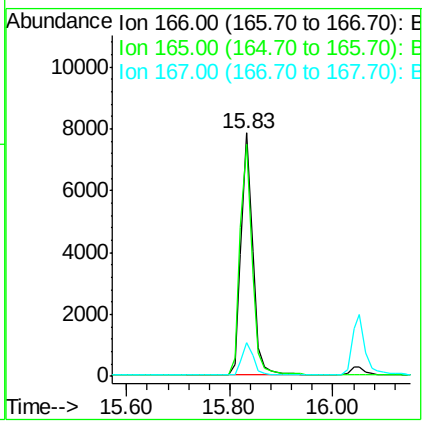


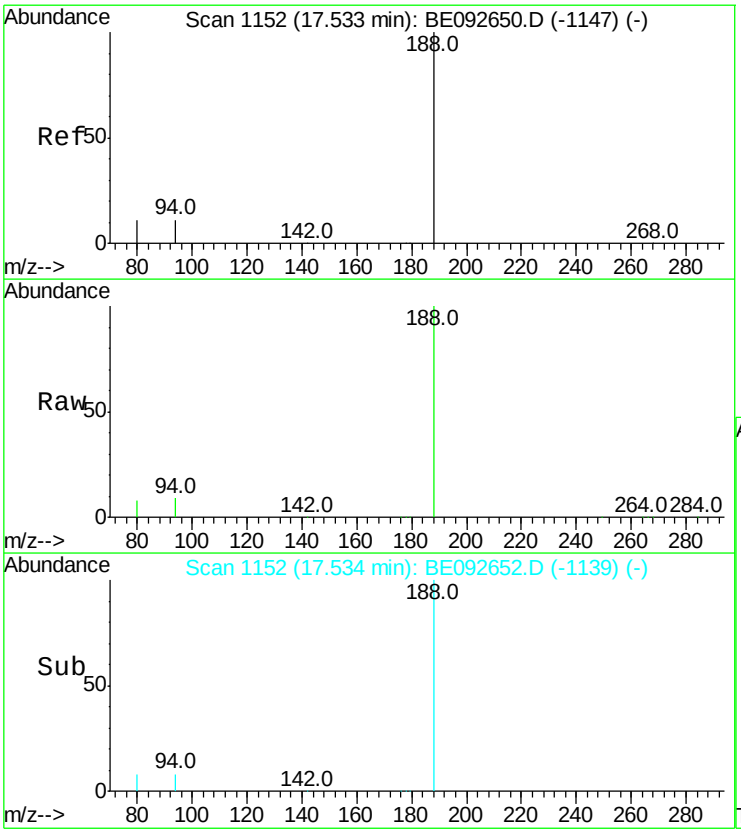
#17
Fluorene
Concen: 1.59 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 12287

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.5	11.0	16.4

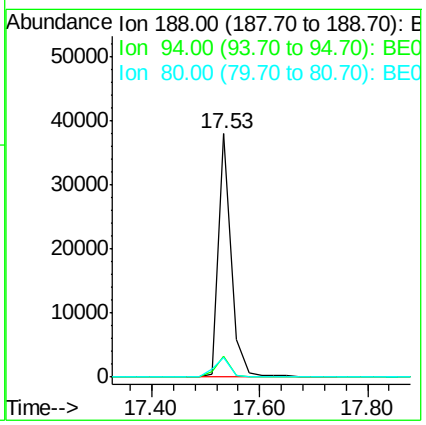


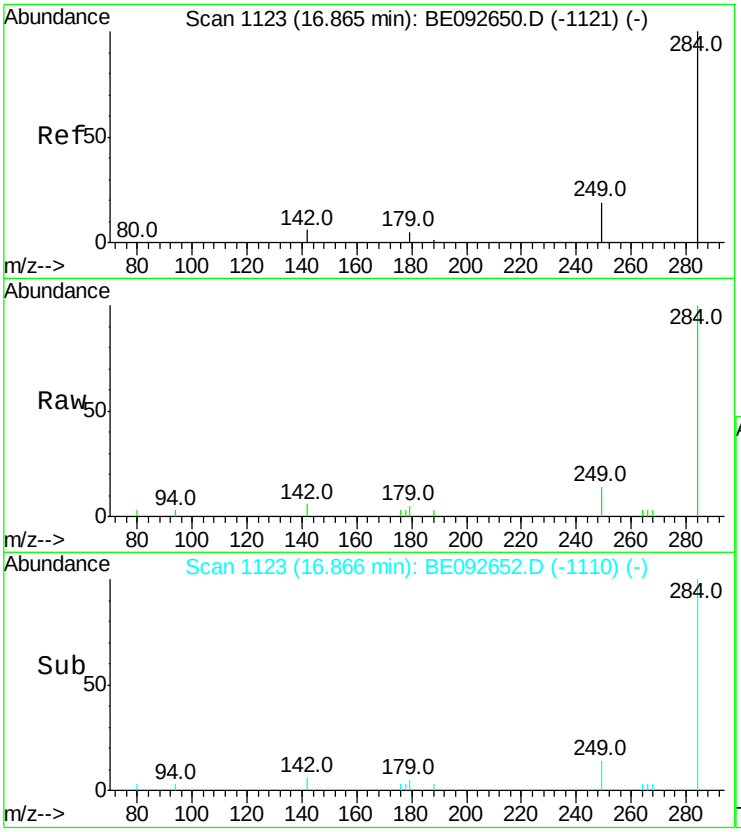


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:188 Resp: 63271

Ion	Ratio	Lower	Upper
188	100		
94	8.6	3.2	4.8#
80	8.1	2.6	3.8#



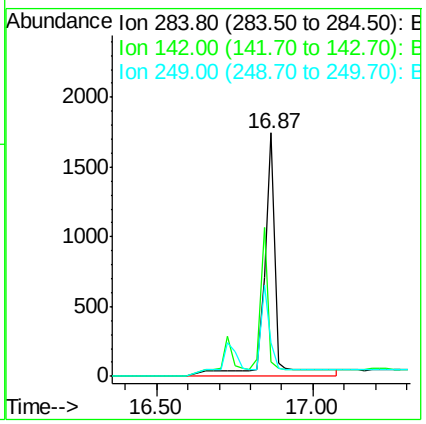


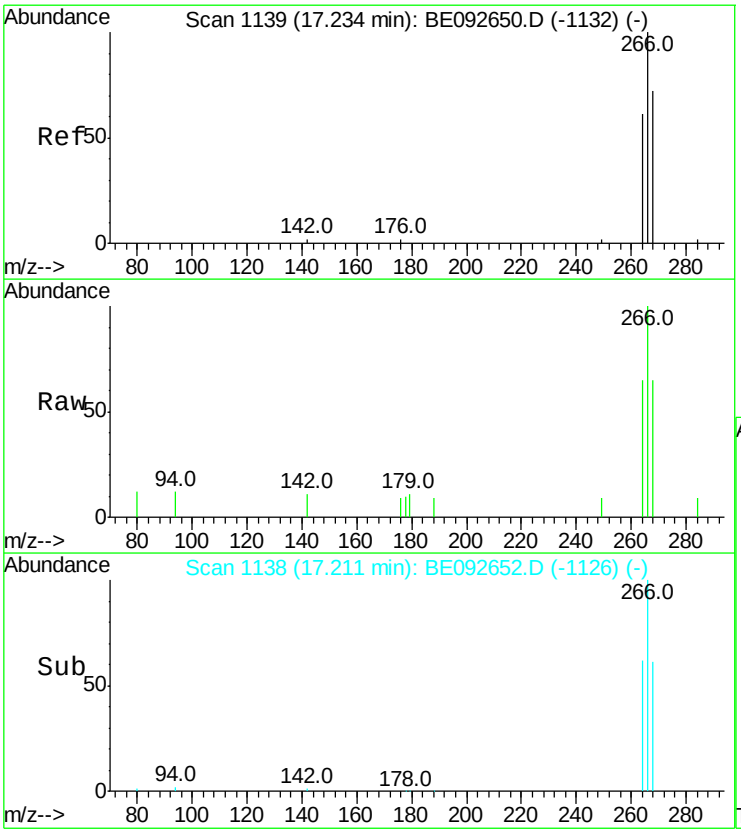
#19
Hexachlorobenzene
Concen: 1.83 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4958

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

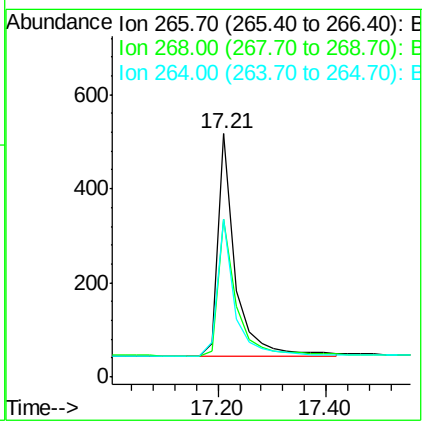


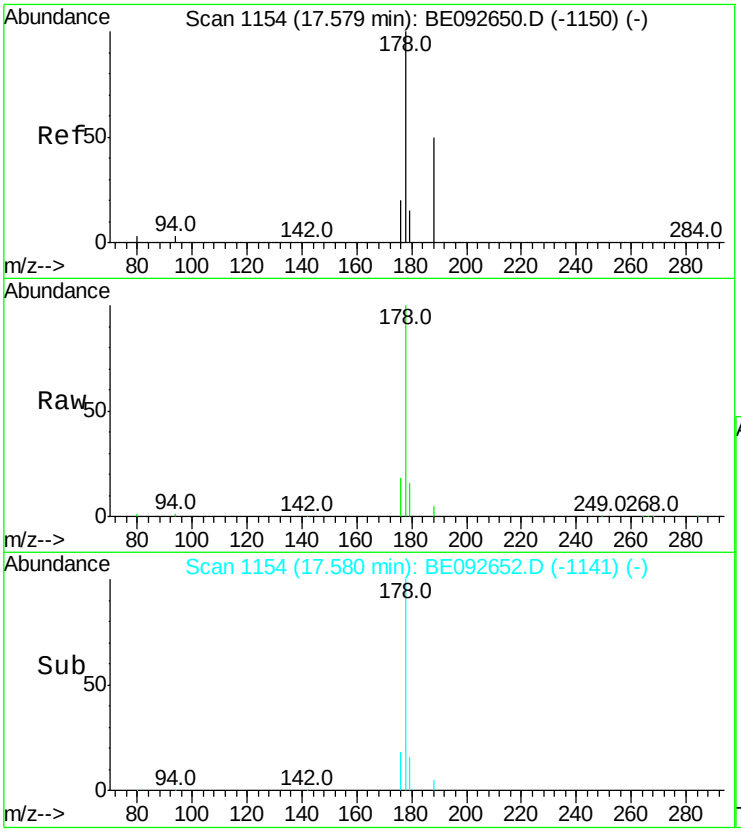


#20
Pentachlorophenol
Concen: 2.30 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:266 Resp: 1059

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



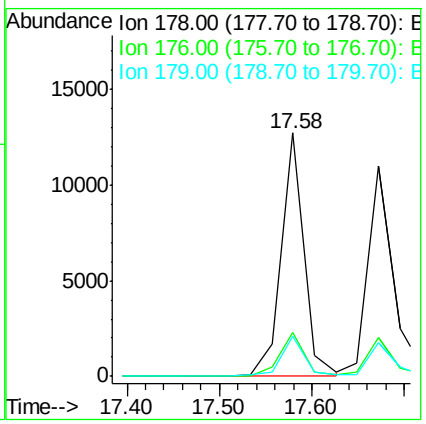


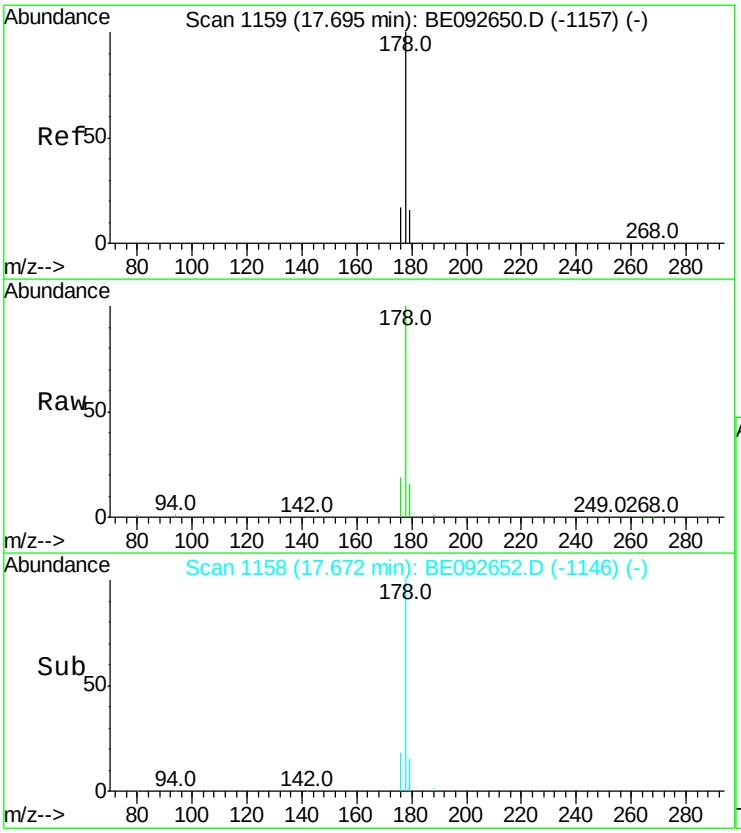
#21
Phenanthrene
Concen: 1.35 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 21508

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.9	16.0	24.0#

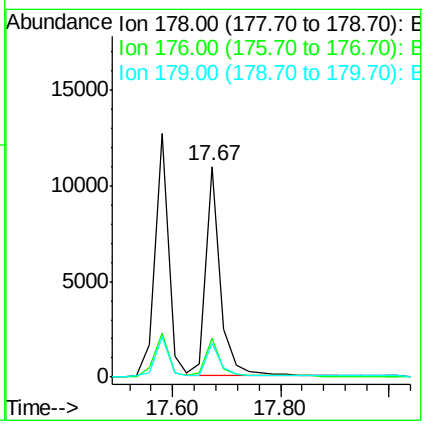


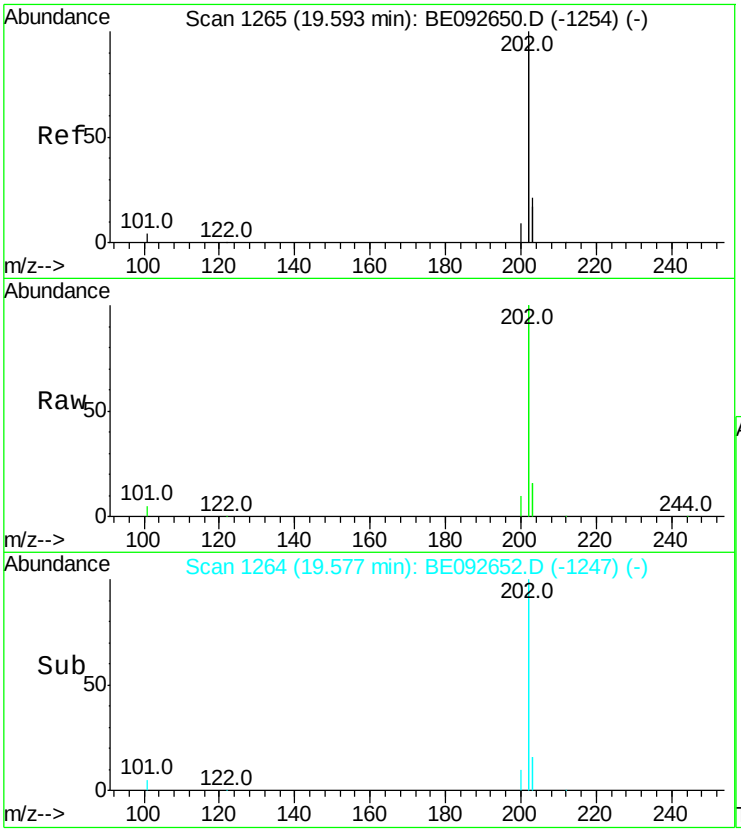


#22
Anthracene
Concen: 1.43 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:178 Resp: 20860

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.7	12.2	18.2



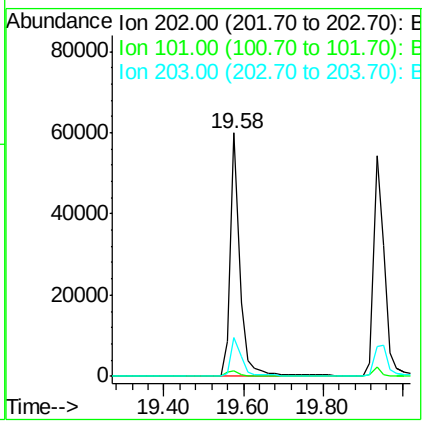


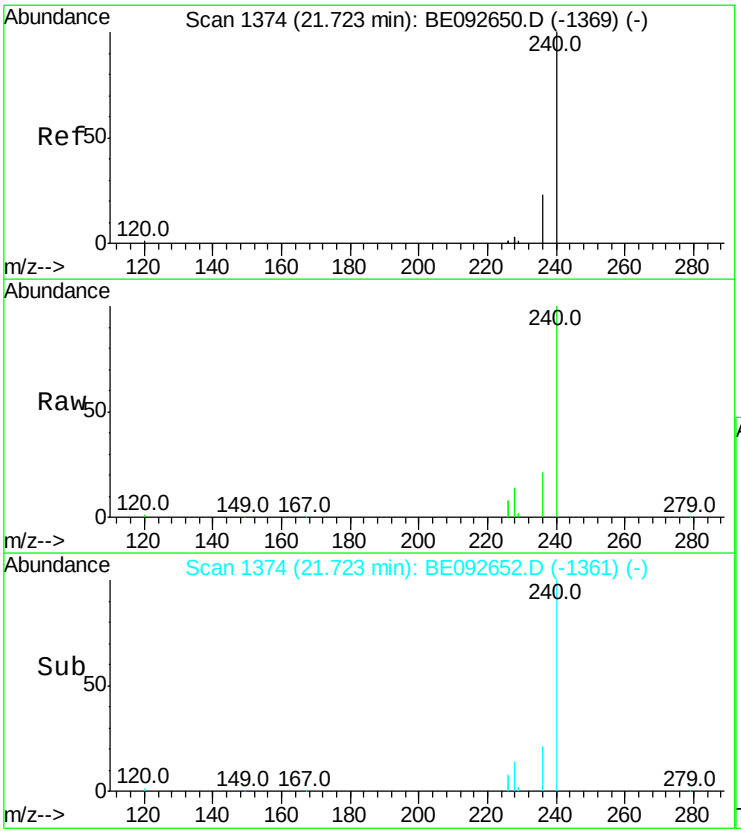
#23
Fluoranthene
Concen: 1.41 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 97141

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

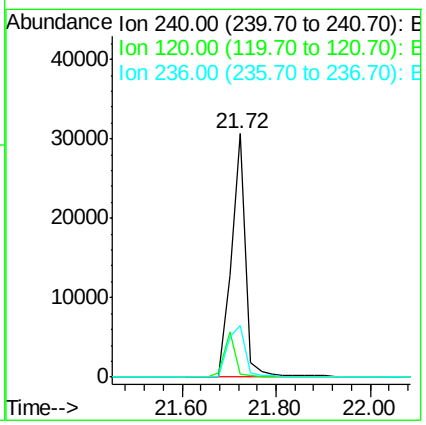


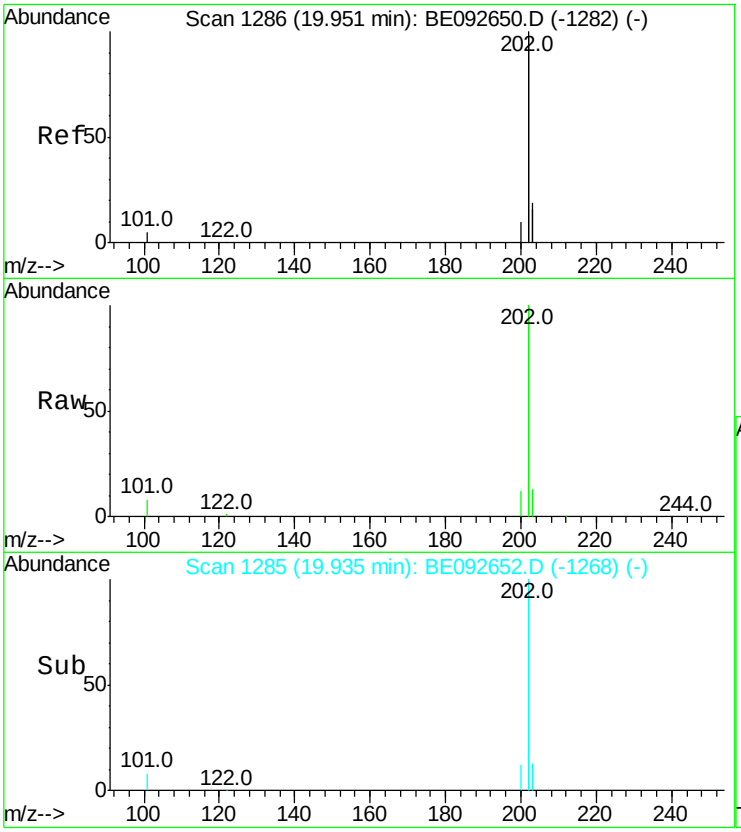


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:240 Resp: 63874

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	21.1	24.6	37.0#



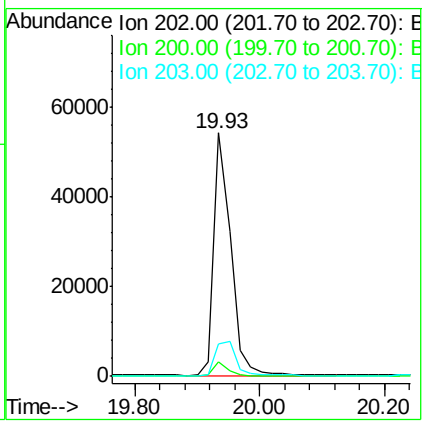


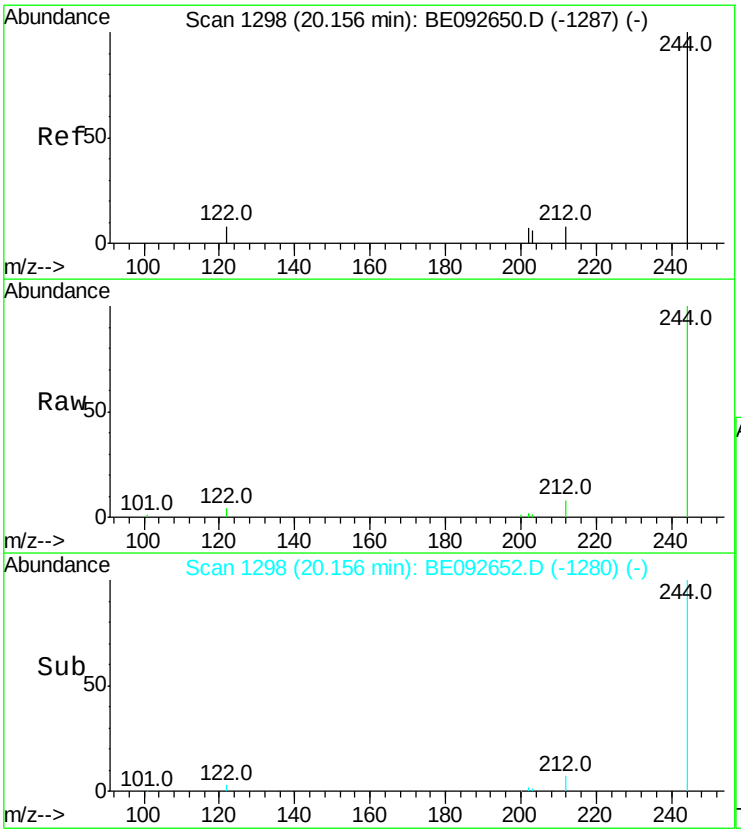
#25
Pyrene
Concen: 1.80 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 101056

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.3	13.9	20.9

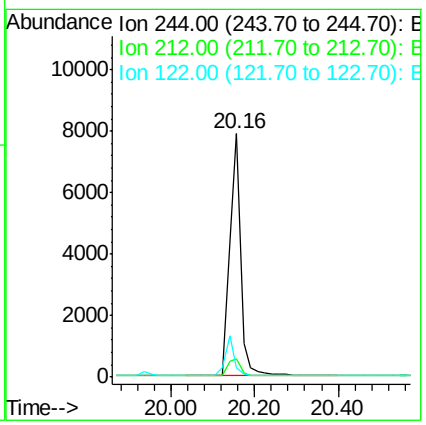


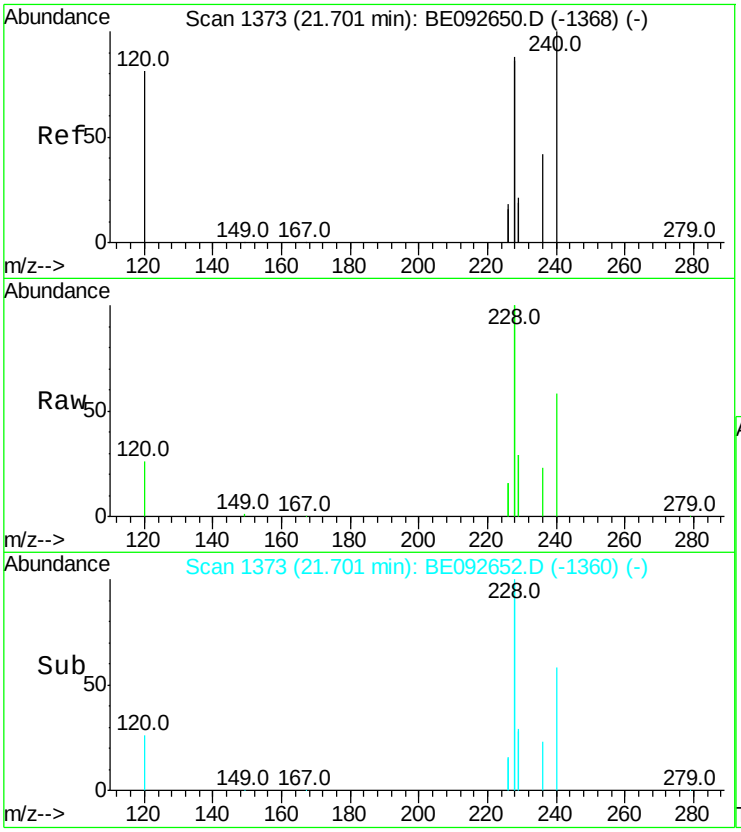


#26
Terphenyl-d14
Concen: 1.85 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:244 Resp: 14476

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	3.6	3.6	5.4#



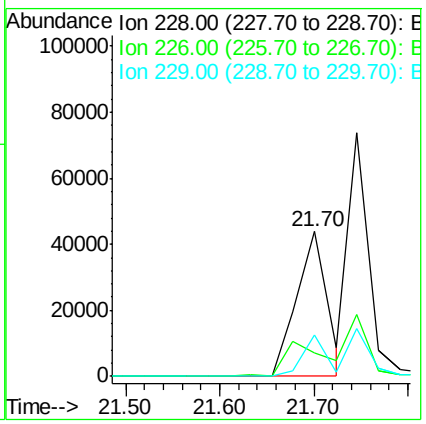


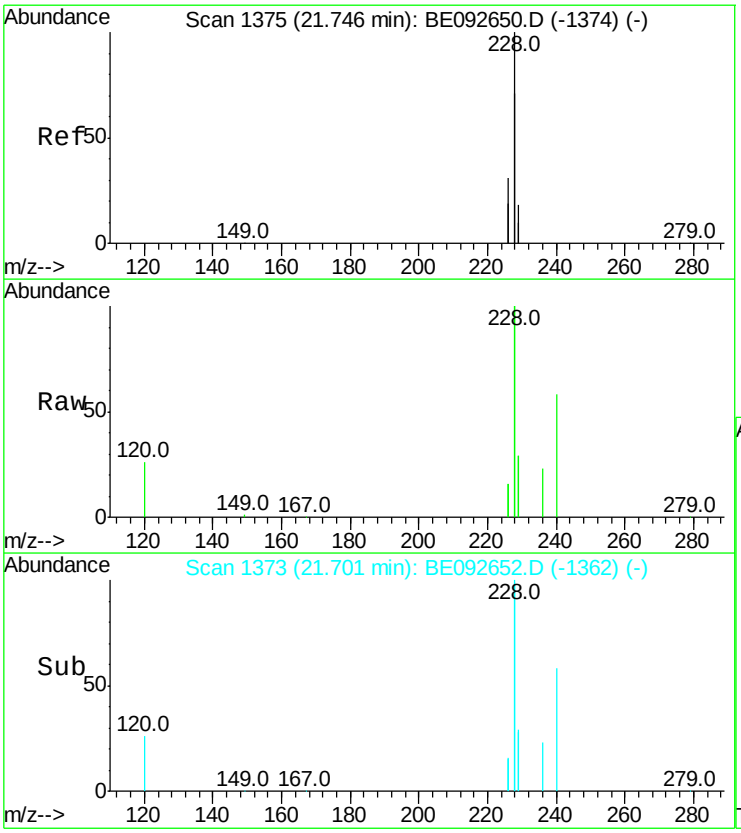
#27
Benzo(a)anthracene
Concen: 1.69 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 97100

Ion	Ratio	Lower	Upper
228	100		
226	16.3	23.6	35.4#
229	28.7	13.3	19.9#

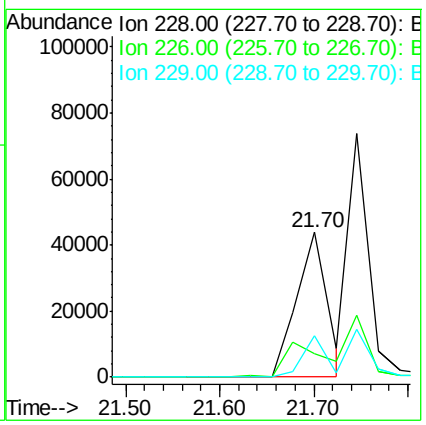


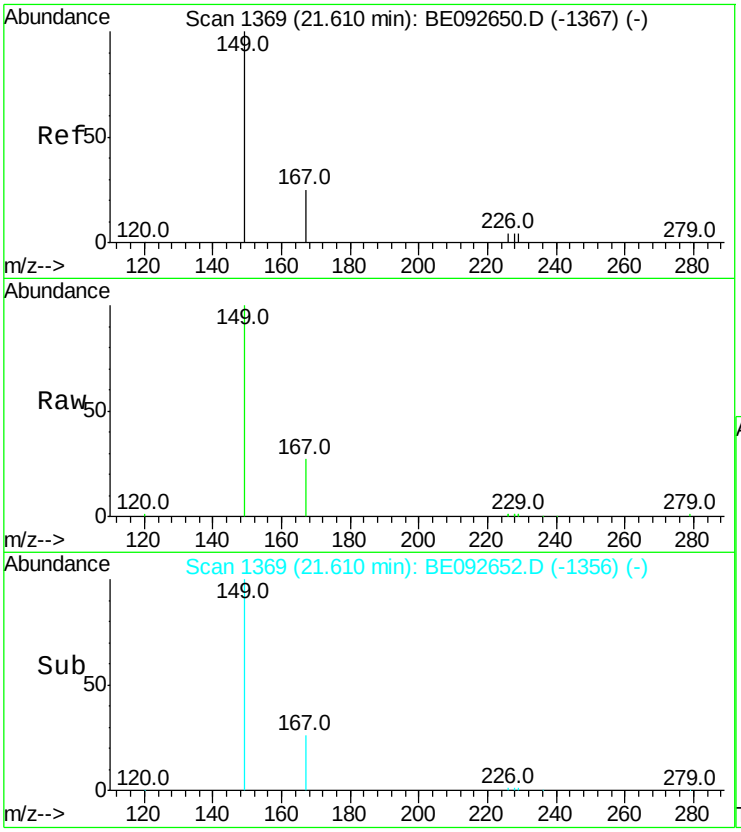


#28
Chrysene
Concen: 1.46 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:228 Resp: 97100

Ion	Ratio	Lower	Upper
228	100		
226	16.3	36.3	54.5#
229	28.7	10.6	16.0#



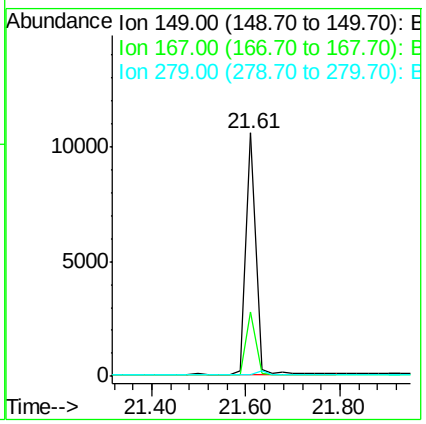


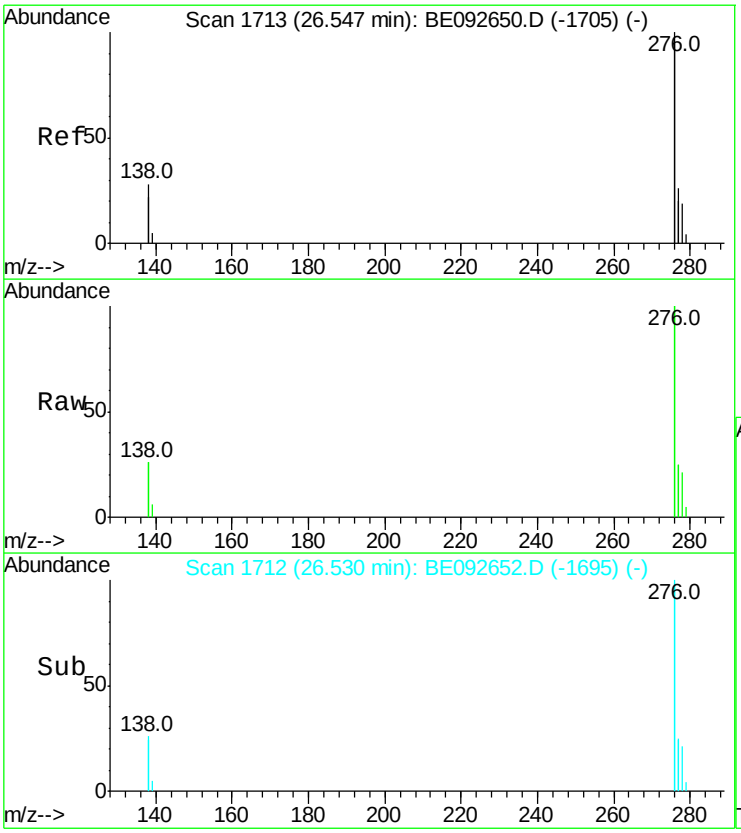
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.47 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 15337

Ion	Ratio	Lower	Upper
149	100		
167	25.6	16.0	24.0#
279	0.0	16.0	24.0#

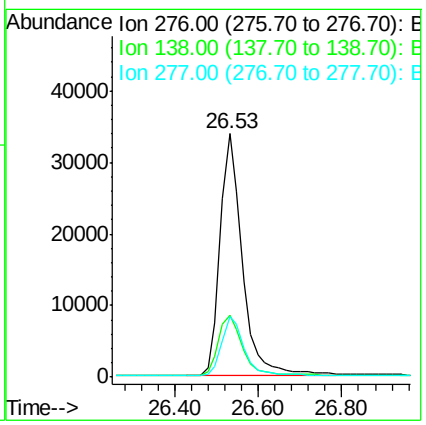


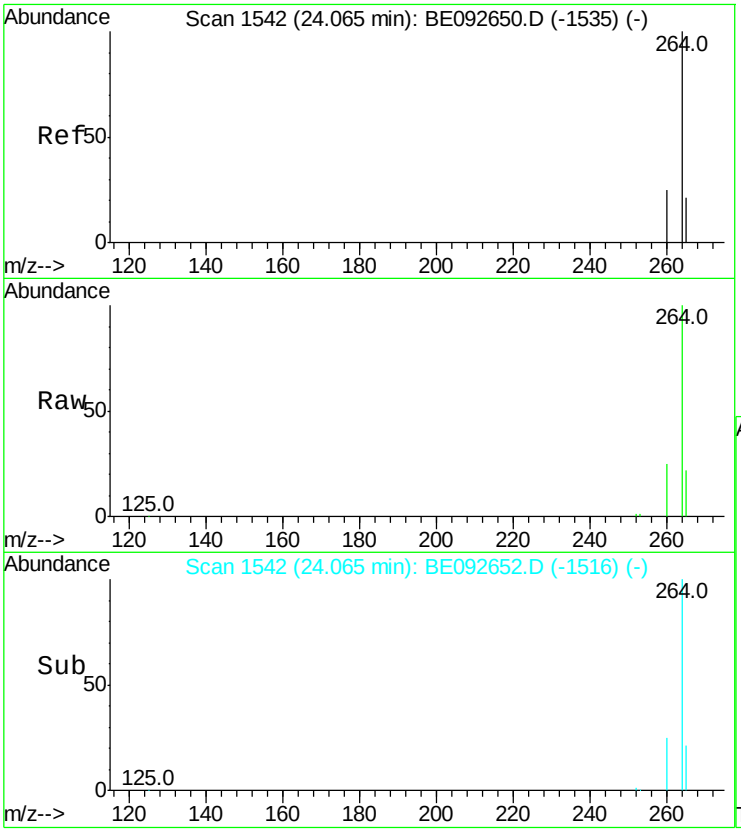


#30
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:276 Resp: 125913

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.6	19.7	29.5



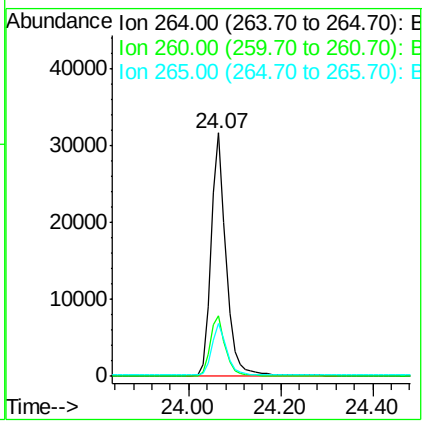


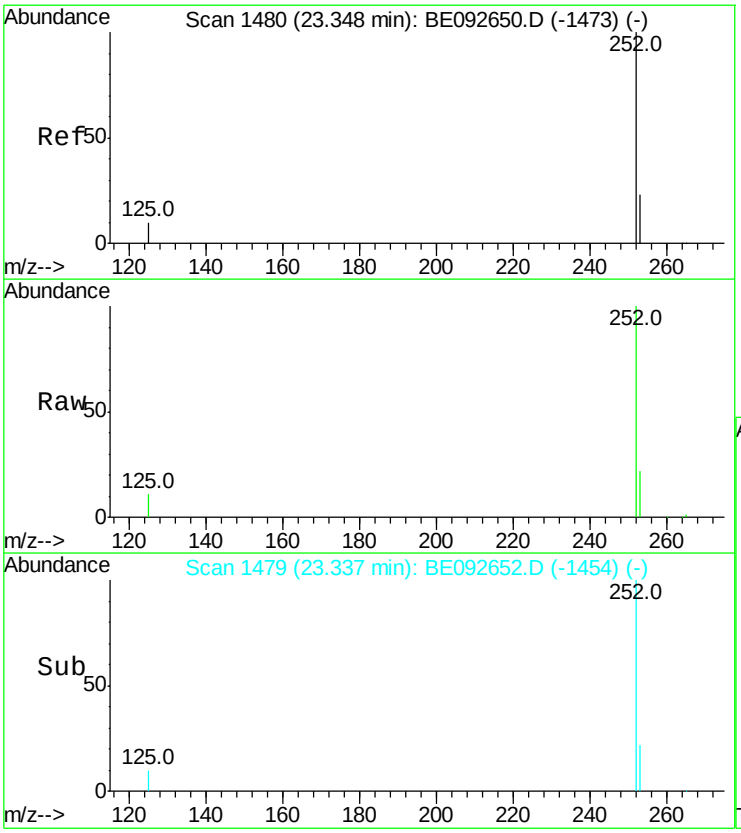
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 71662

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	17.9	26.9

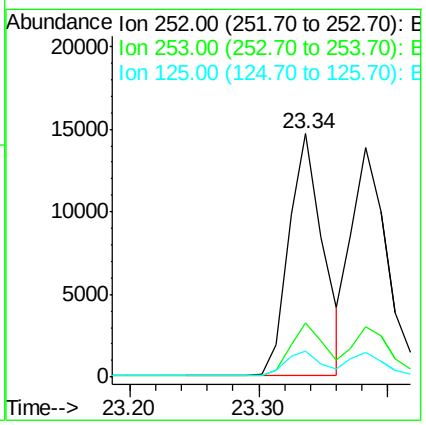


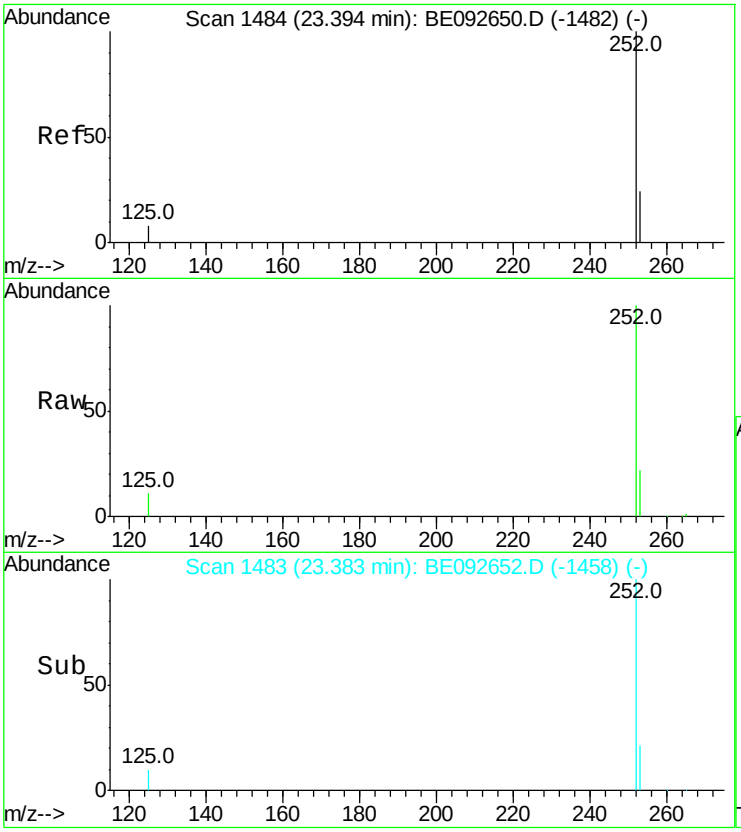


#32
Benzo(b)fluoranthene
Concen: 1.65 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:252 Resp: 27143

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.6	10.5	15.7



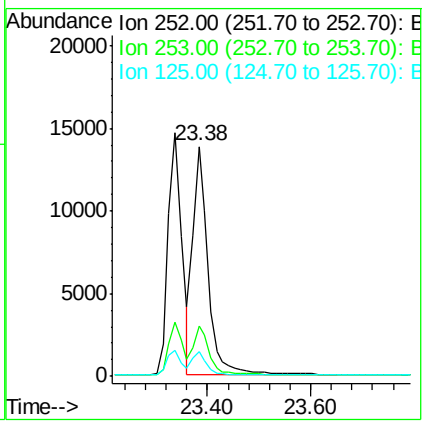


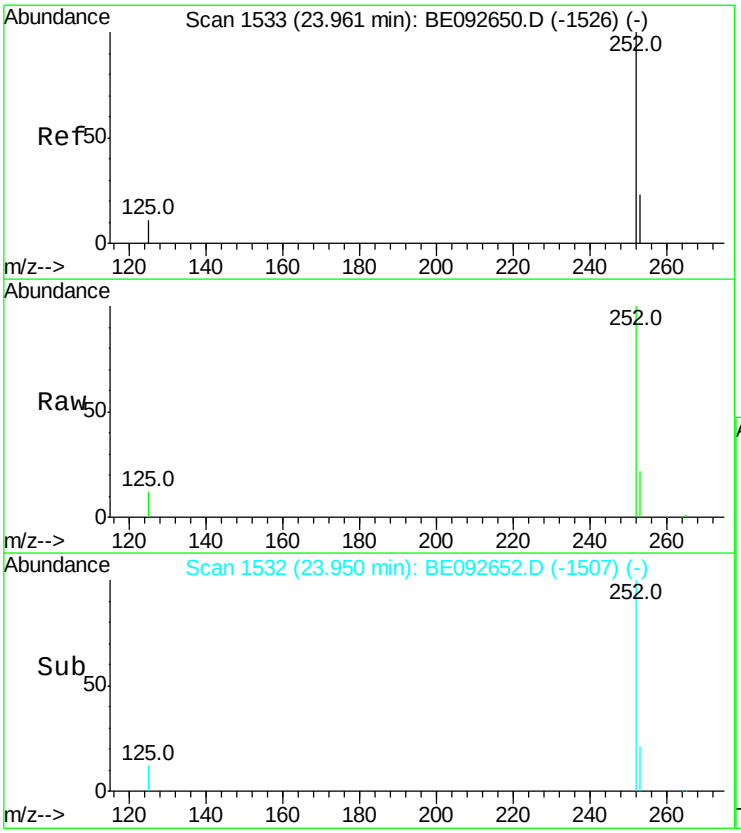
#33
Benzo(k)fluoranthene
Concen: 1.54 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28231

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.3	30.5
125	10.7	9.6	14.4

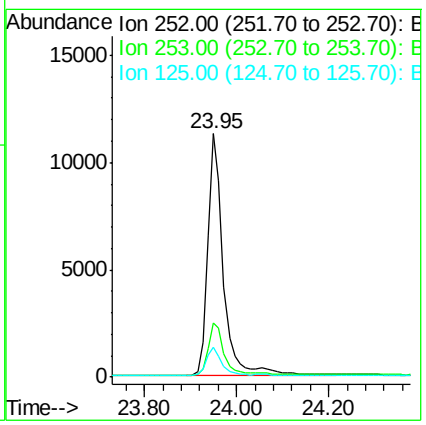


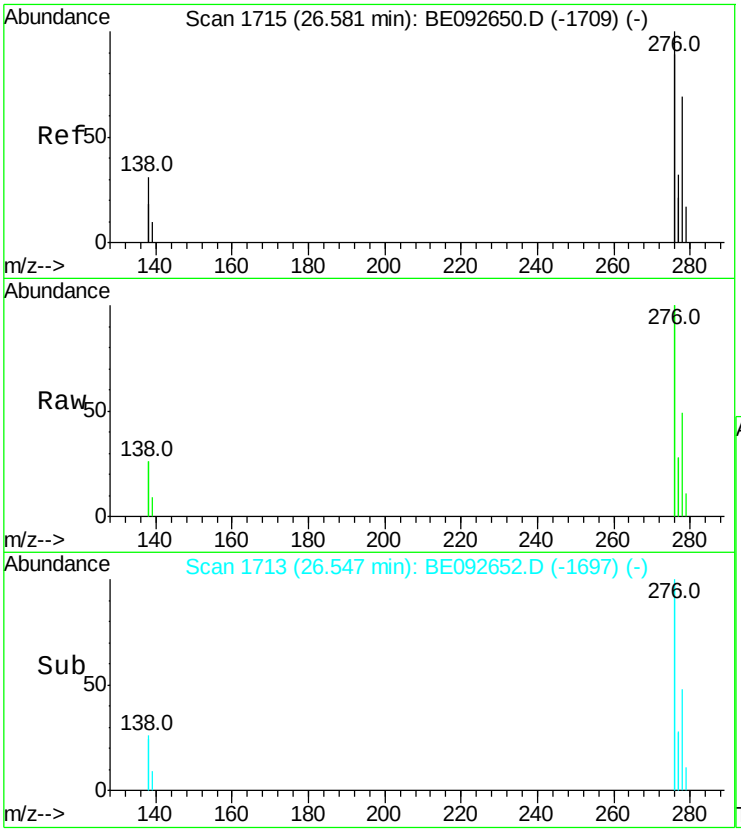


#34
Benzo(a)pyrene
Concen: 1.67 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:252 Resp: 26580

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	12.3	11.8	17.8



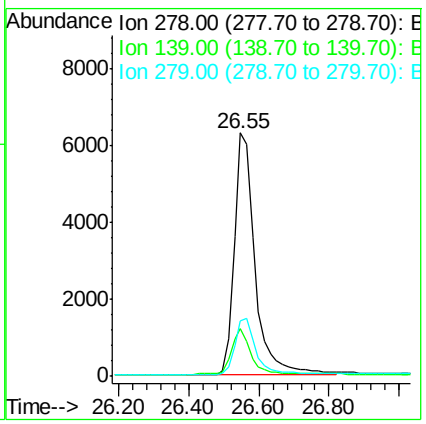


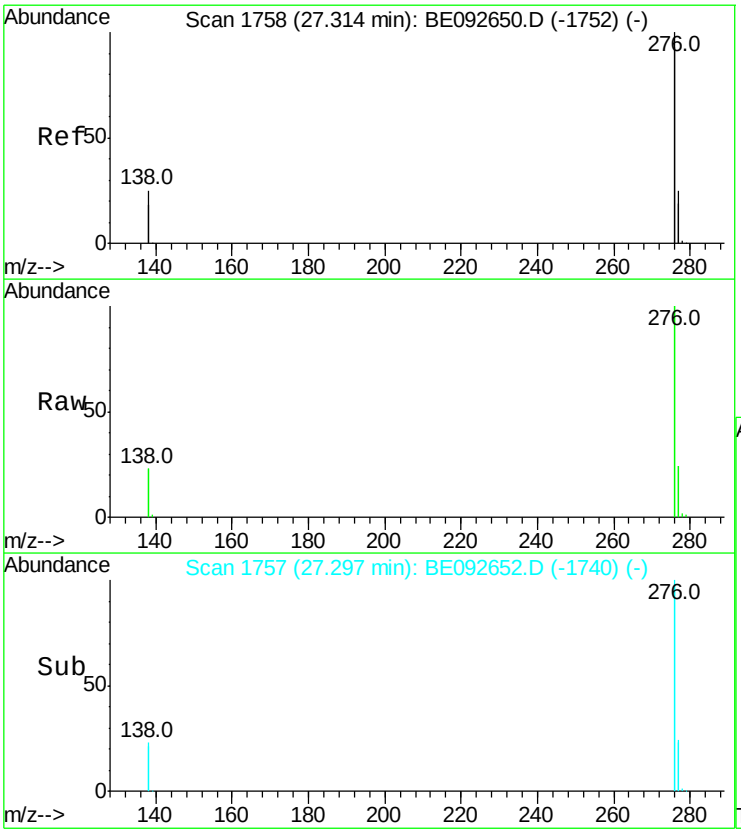
#35
Dibenzo(a,h)anthracene
Concen: 1.70 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 25750

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.8	20.8
279	23.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.64 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092652.D
Acq: 16 Jan 2017 15:10

Tgt Ion:276 Resp: 106358

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	22.7	19.8	29.6