Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092664.D
Acq On : 19 Jan 2017 19:25
Operator : UM/SJ
Sample : PB96128BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB96128BS

Quant Time: Jan 20 01:30:05 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	7951	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	35313	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	21164	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	45433	5.00	ng		0.00
24) Chrysene-d12	21.72	240	45081	5.00	ng		0.00
31) Perylene-d12	24.06	264	55992	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	16744	9.43	ng		-0.01
5) Phenol-d6	7.31	99	20802	9.56	ng		-0.02
8) Nitrobenzene-d5	9.29	82	10675	4.66	ng		-0.04
13) 2,4,6-Tribromophenol	16.27	330	5449	8.71	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	22756	4.37	ng		-0.02
26) Terphenyl-d14	20.14	244	28627	4.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	4285	4.00	ng	#	59
3) n-Nitrosodimethylamine	3.73	42	6437	4.49	ng	#	93
6) bis(2-Chloroethyl)ether	7.54	93	10091	4.37	ng		94
9) Naphthalene	10.95	128	30622	4.15	ng	#	95
10) Hexachlorobutadiene	11.24	225	4525	4.15	ng		99
11) 2-Methylnaphthalene	12.59	142	19605	4.28	ng		95
15) Acenaphthylene	14.49	152	129281	4.43	ng		100
16) Acenaphthene	14.85	154	19206	4.11	ng		91
17) Fluorene	15.83	166	24940	4.25	ng		99
19) Hexachlorobenzene	16.87	284	8364	5.65	ng	#	39
20) Pentachlorophenol	17.21	266	5660	12.12	ng	#	87
21) Phenanthrene	17.58	178	41846	4.17	ng		95
22) Anthracene	17.67	178	41307	4.46	ng		99
23) Fluoranthene	19.58	202	193937	4.36	ng		99
25) Pyrene	19.93	202	204938	4.61	ng		100
27) Benzo(a)anthracene	21.70	228	204829	4.61	ng	#	72
28) Chrysene	21.70	228	204829	4.10	ng	#	55
29) Bis(2-ethylhexyl)phthalate	21.61	149	30541	3.55	ng	#	70
30) Indeno(1,2,3-cd)pyrene	26.53	276	285119	5.28	ng		98
32) Benzo(b)fluoranthene	23.34	252	60354	4.46	ng	#	97
33) Benzo(k)fluoranthene	23.38	252	58772	4.32	ng		95
34) Benzo(a)pyrene	23.95	252	58831	4.63	ng	#	94
35) Dibenzo(a,h)anthracene	26.55	278	59299	4.76	ng		95
36) Benzo(g,h,i)perylene	27.28	276	256963	4.88	ng		98

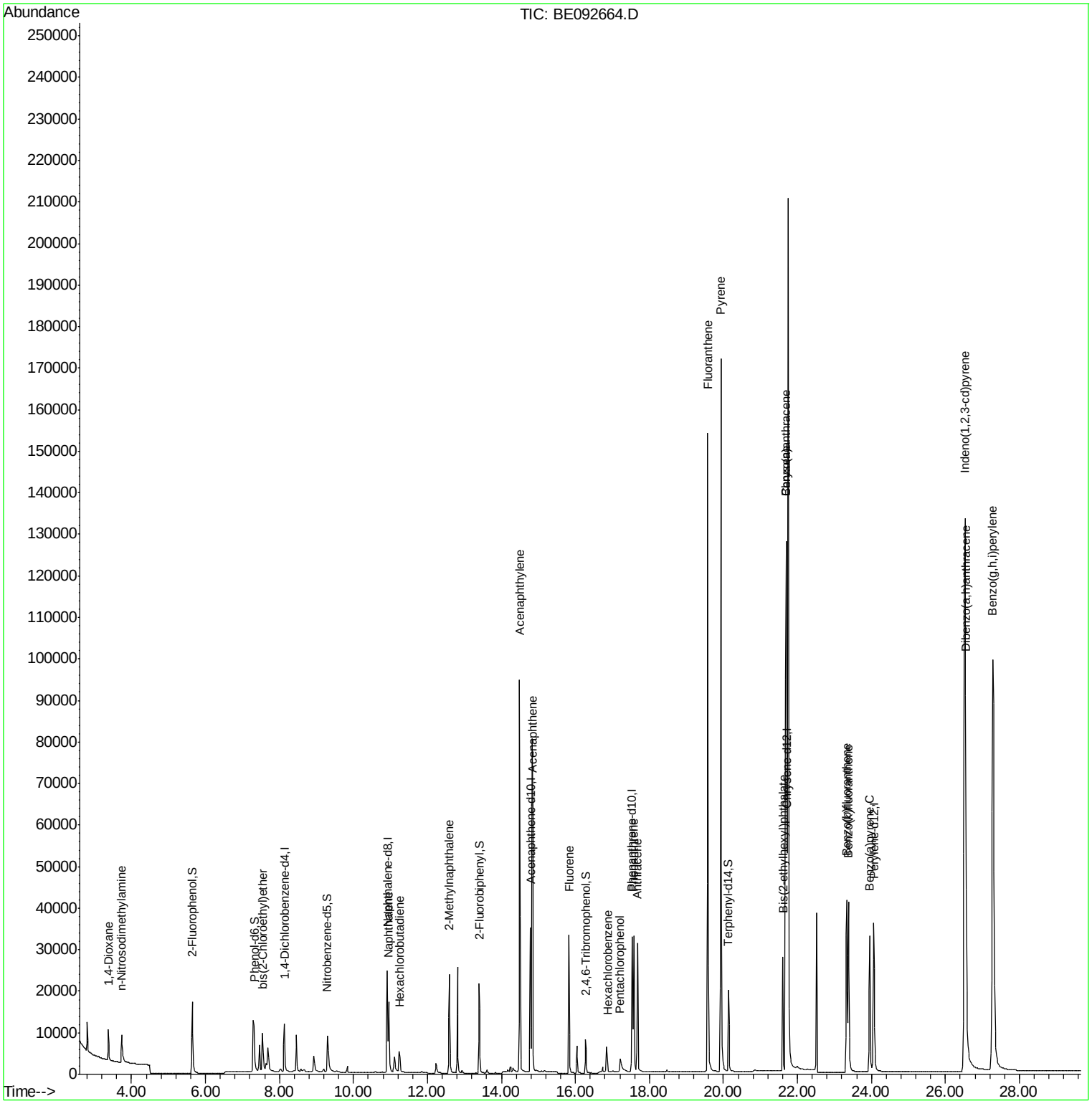
(#) = qualifier out of range (m) = manual integration (+) = signals summed

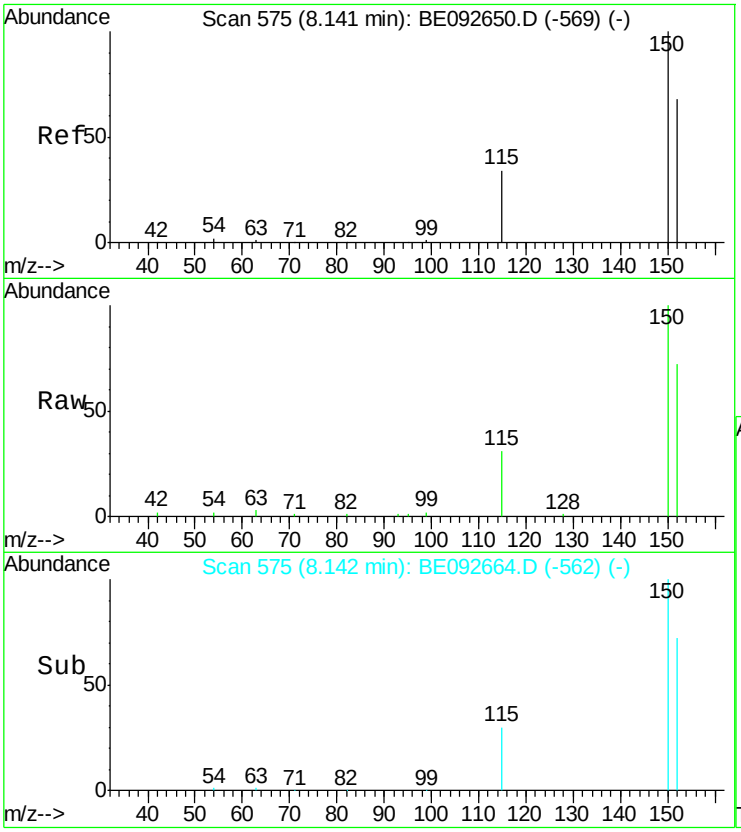
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092664.D
Acq On : 19 Jan 2017 19:25
Operator : UM/SJ
Sample : PB96128BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Quant Time: Jan 20 01:30:05 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



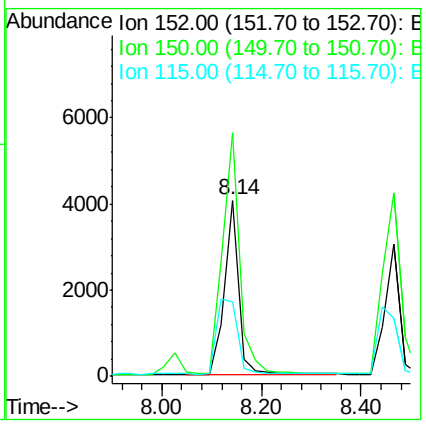


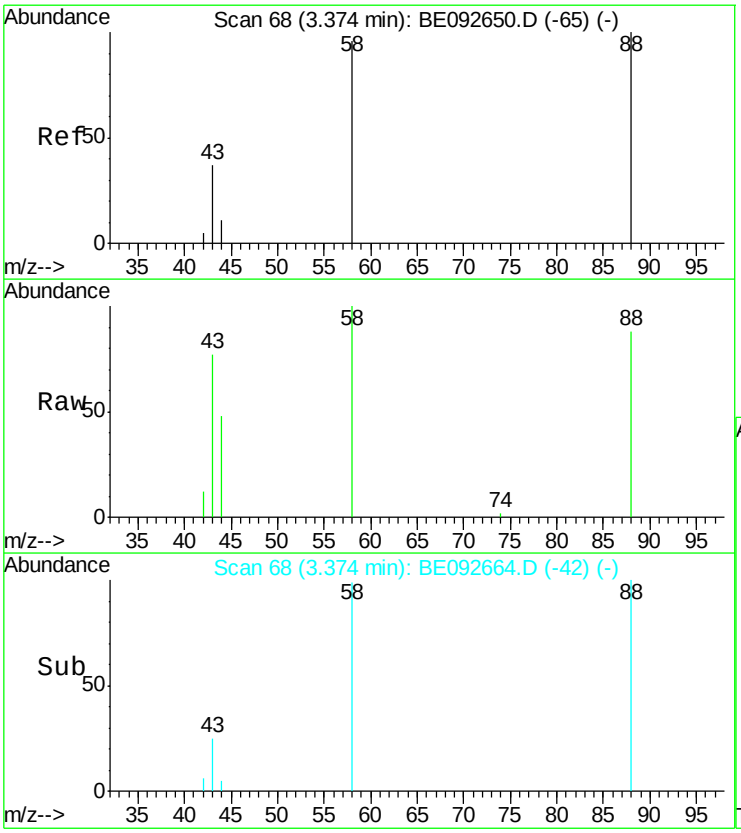
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:152 Resp: 7951

Ion	Ratio	Lower	Upper
152	100		
150	138.5	106.0	159.0
115	42.5	31.2	46.8

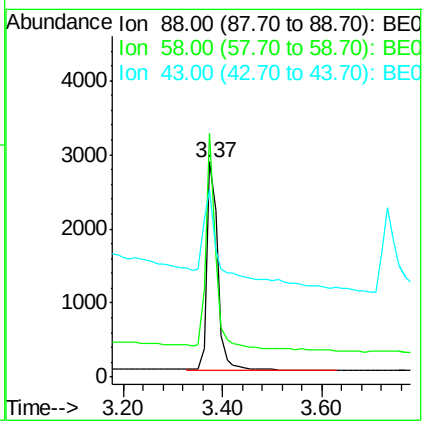


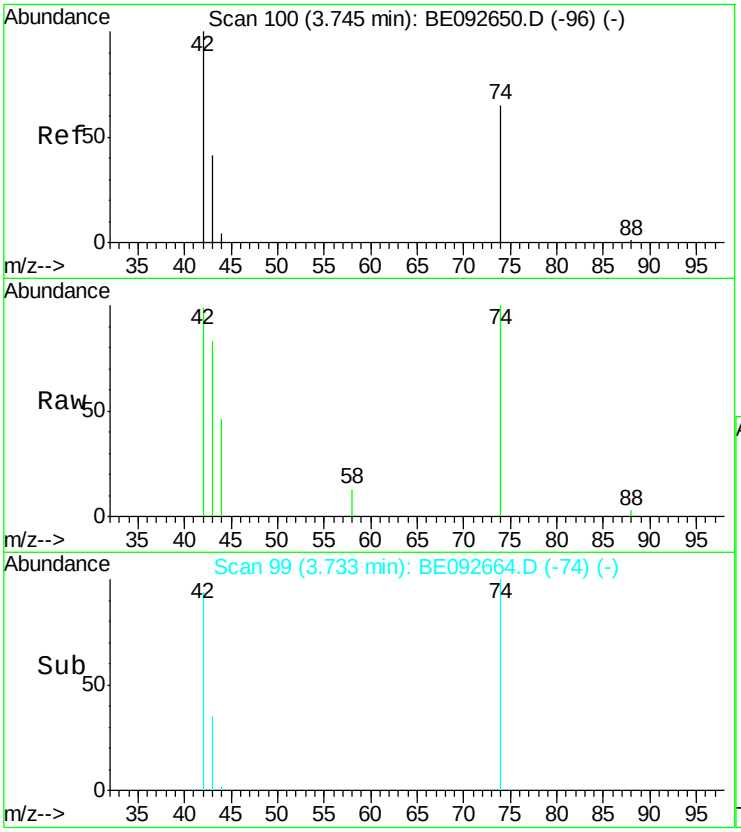


#2
1,4-Dioxane
Concen: 4.00 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion: 88 Resp: 4285

Ion	Ratio	Lower	Upper
88	100		
58	100.3	63.6	95.4#
43	80.8	28.0	42.0#



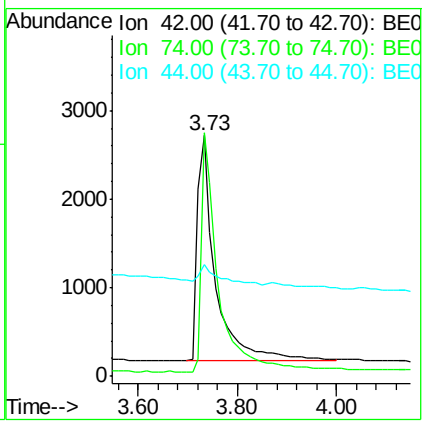


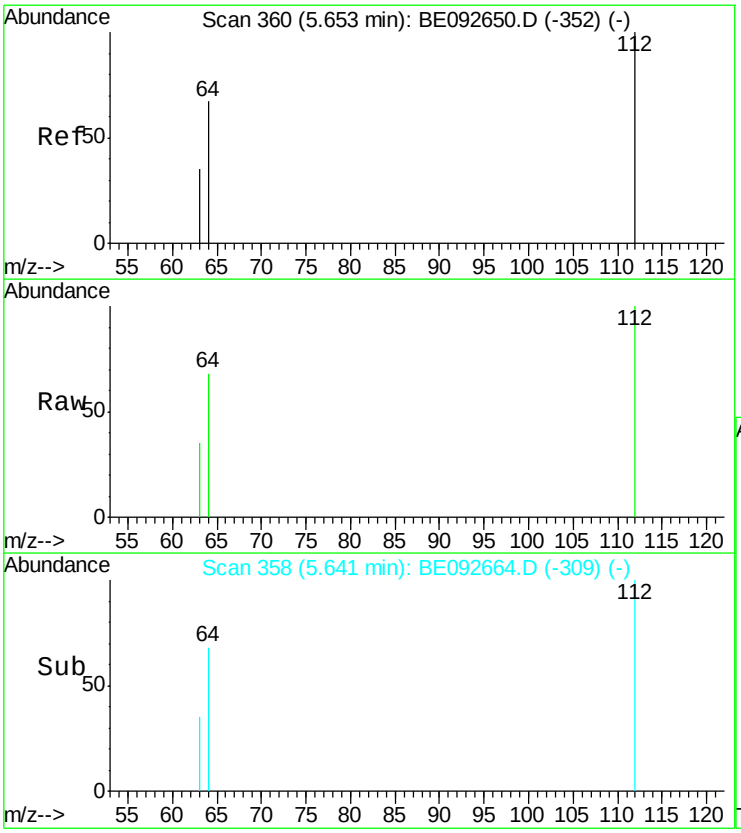
#3
n-Nitrosodimethylamine
Concen: 4.49 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion: 42 Resp: 6437

Ion	Ratio	Lower	Upper
42	100		
74	100.2	86.0	129.0
44	9.1	5.1	7.7#

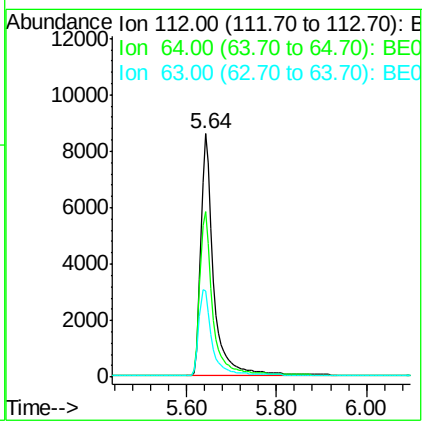


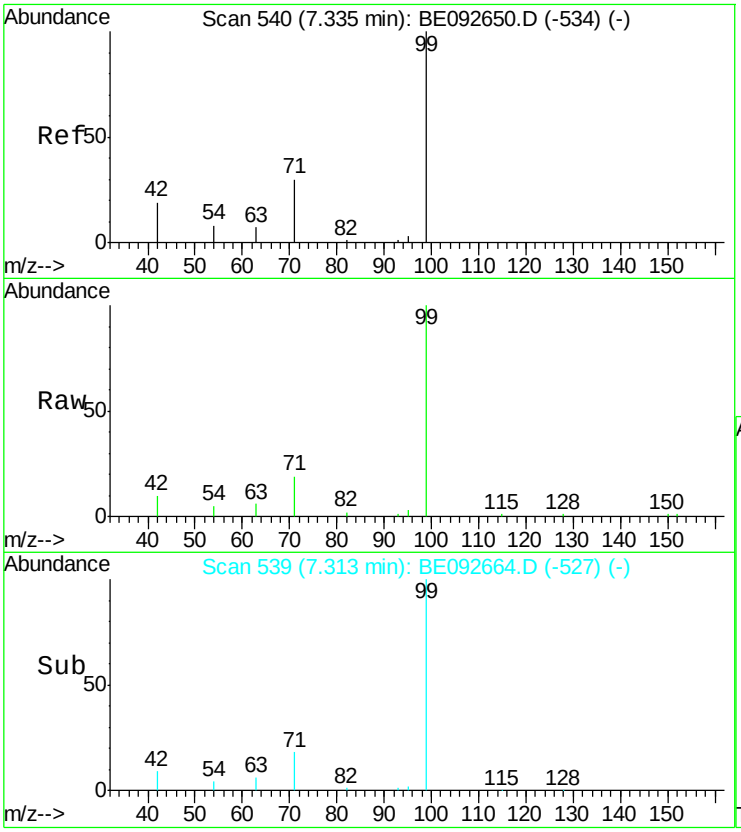


#4
2-Fluorophenol
Concen: 9.43 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:112 Resp: 16744

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	36.8	27.9	41.9



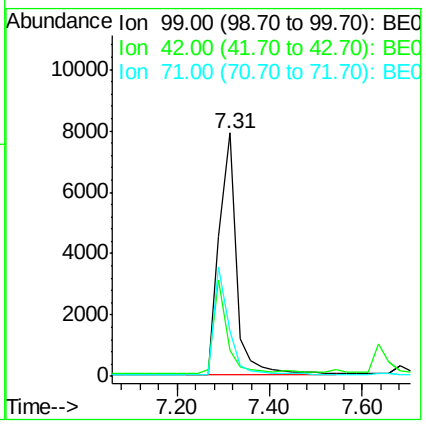


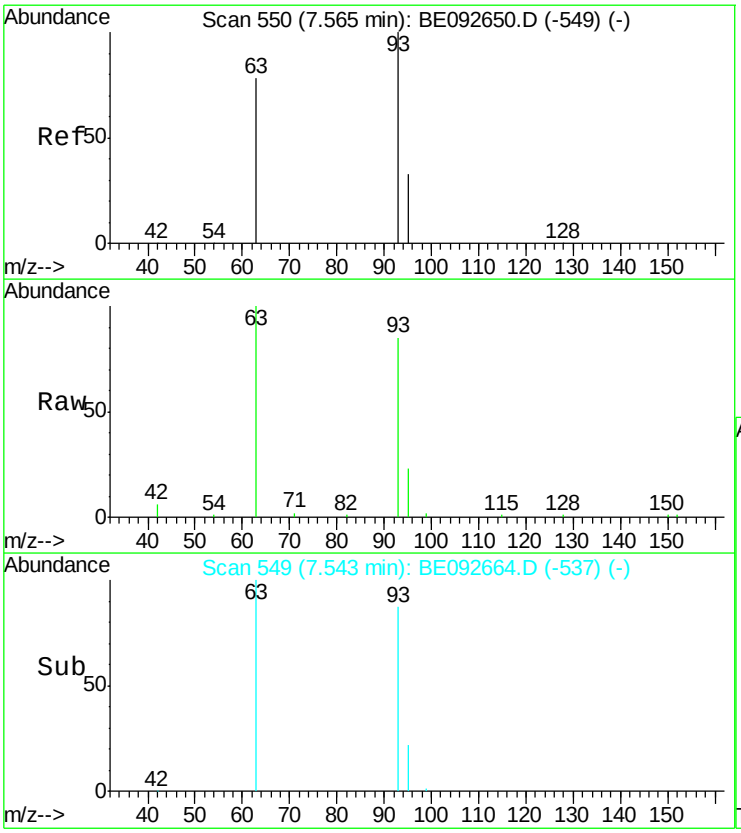
#5
Phenol-d6
Concen: 9.56 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion: 99 Resp: 20802

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

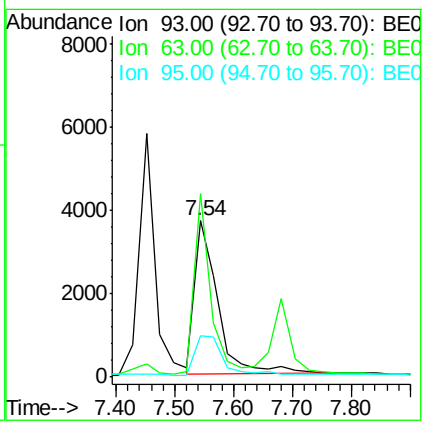


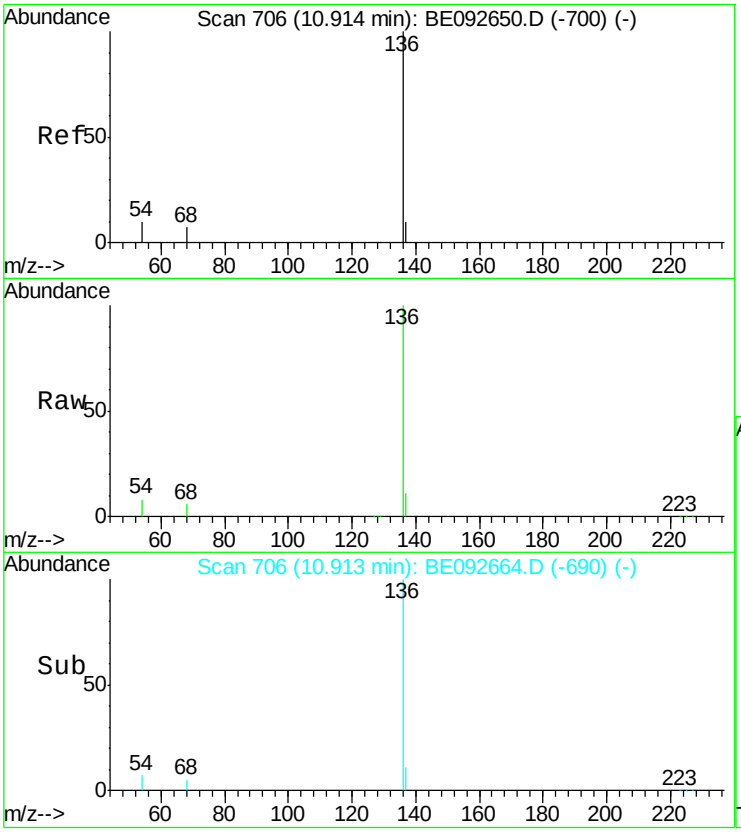


#6
bis(2-Chloroethyl)ether
Concen: 4.37 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion: 93 Resp: 10091

Ion	Ratio	Lower	Upper
93	100		
63	82.7	71.6	107.4
95	30.9	24.0	36.0



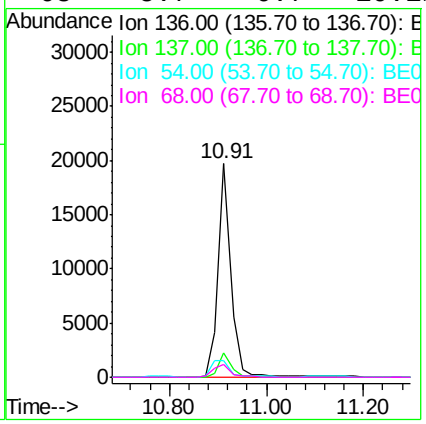


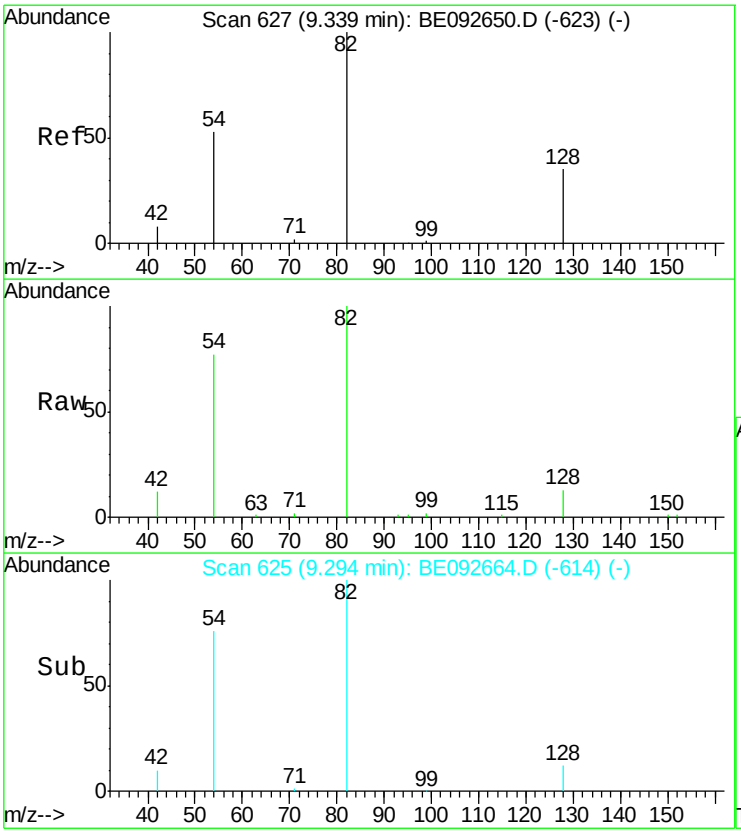
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:136 Resp: 35313

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.7	9.6	14.4#
68	5.7	6.7	10.1#

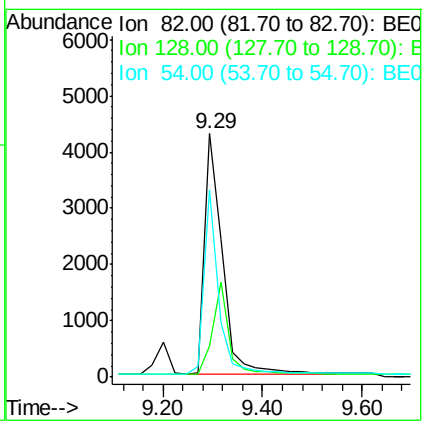


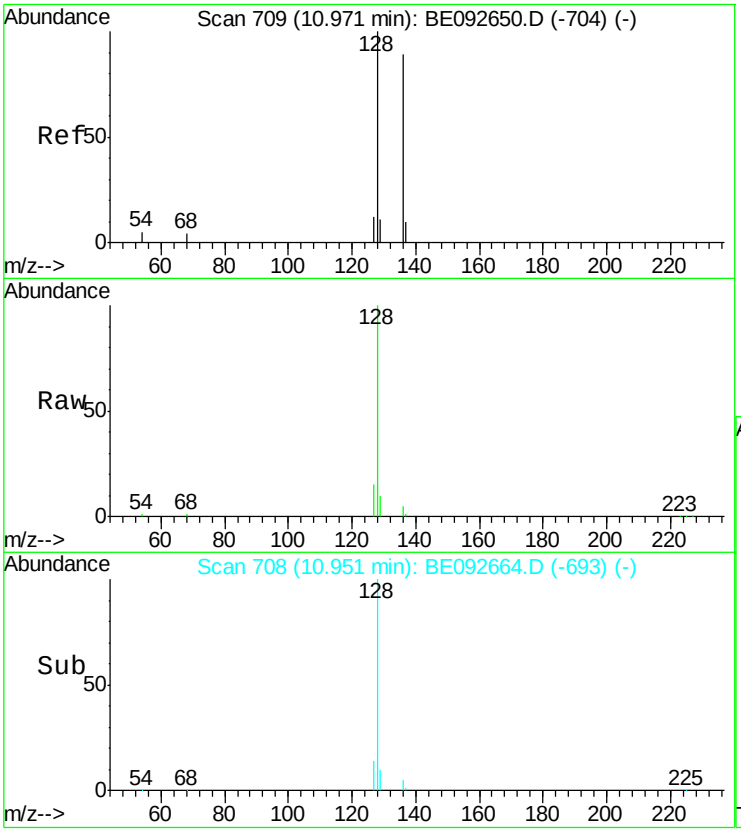


#8
Nitrobenzene-d5
Concen: 4.66 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.04 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion: 82 Resp: 10675

Ion	Ratio	Lower	Upper
82	100		
128	12.7	39.0	58.4#
54	76.9	44.8	67.2#



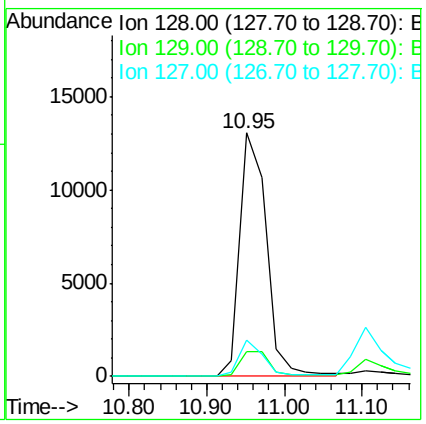


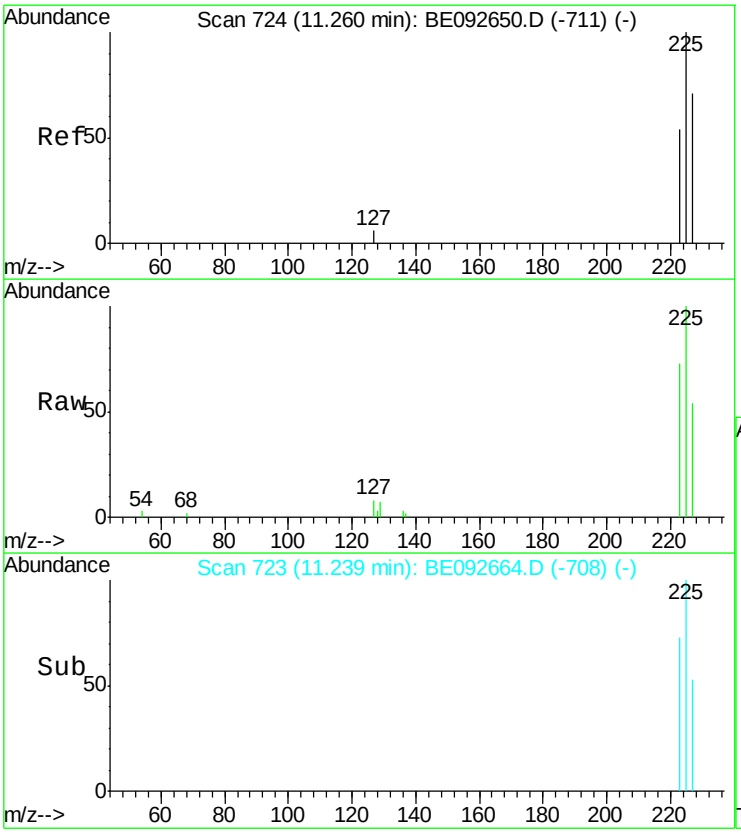
#9
Naphthalene
Concen: 4.15 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:128 Resp: 30622

Ion	Ratio	Lower	Upper
128	100		
129	10.2	11.2	16.8#
127	14.7	11.6	17.4

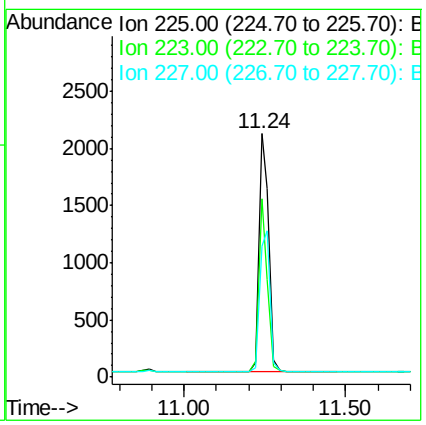


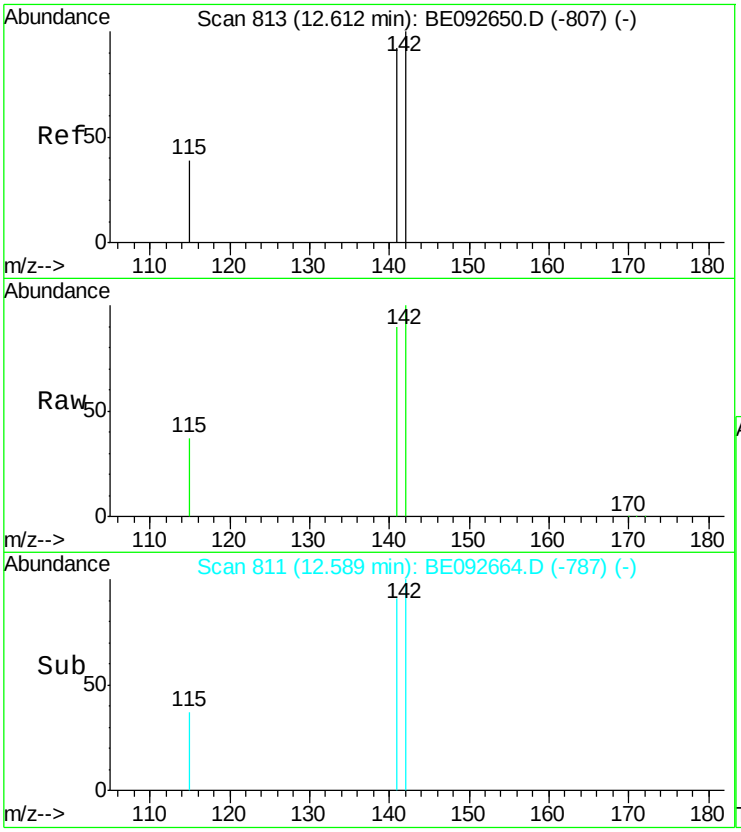


#10
Hexachlorobutadiene
Concen: 4.15 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:225 Resp: 4525

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.3	51.4	77.0



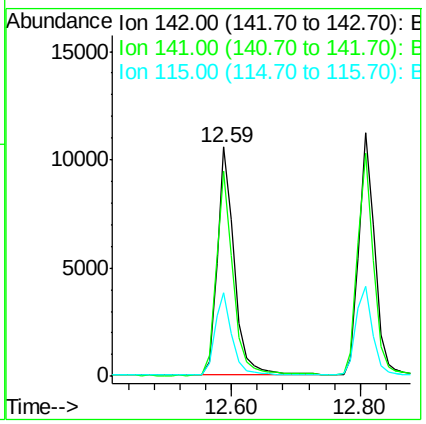


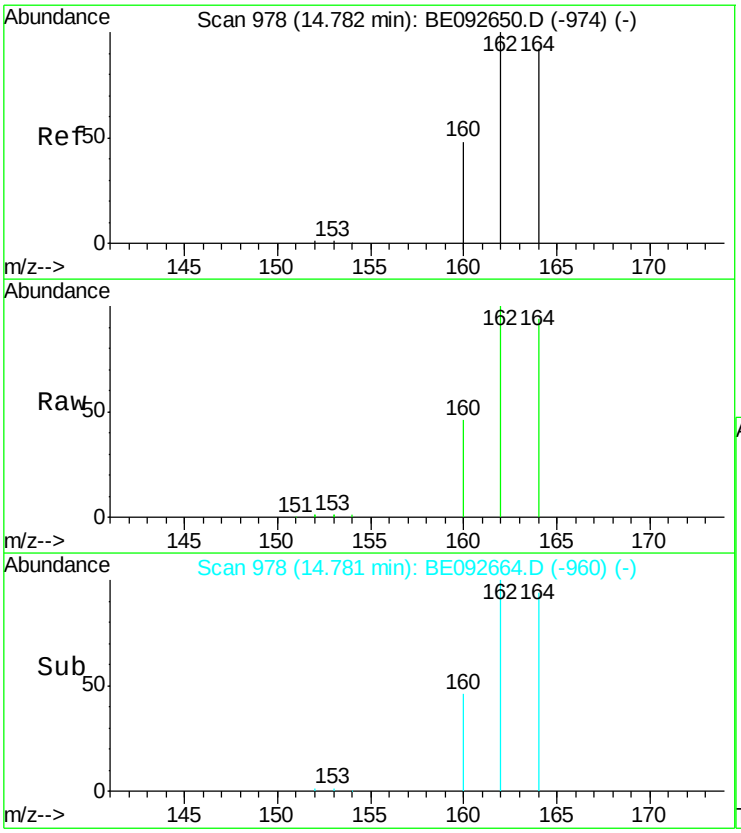
#11
2-Methylnaphthalene
Concen: 4.28 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:142 Resp: 19605

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.7	110.5
115	36.6	34.0	51.0

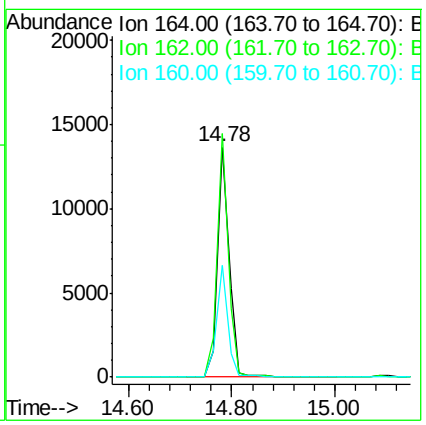


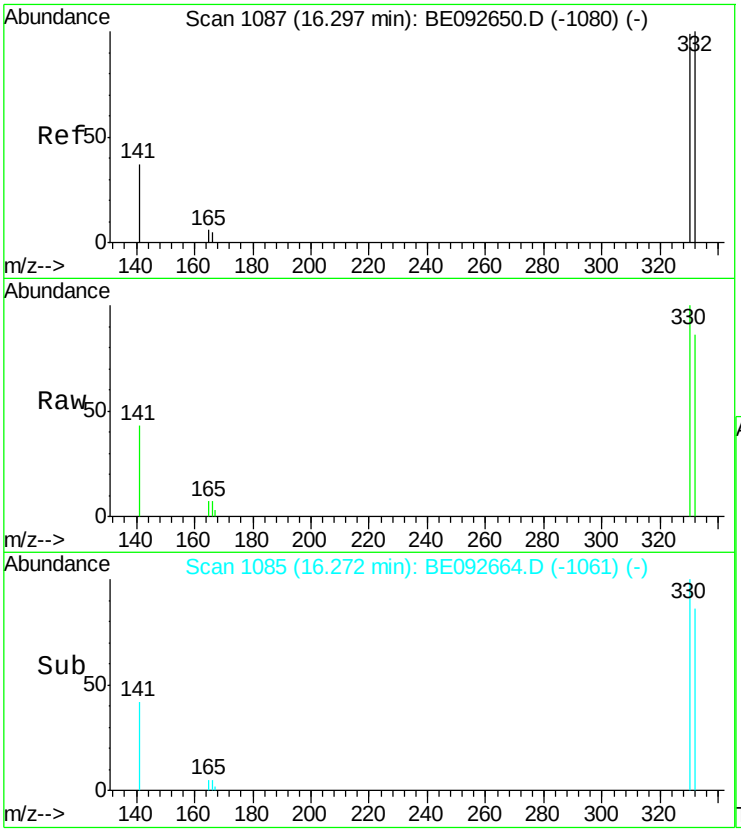


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:164 Resp: 21164

Ion	Ratio	Lower	Upper
164	100		
162	105.9	71.4	107.0
160	48.6	27.4	41.2#



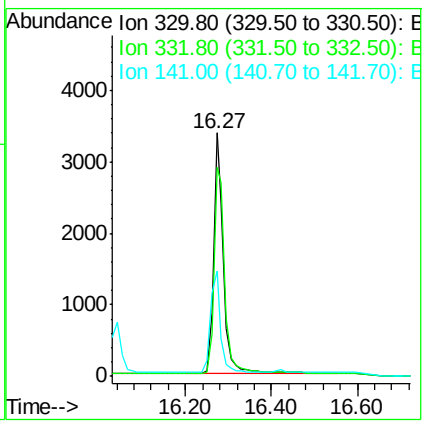


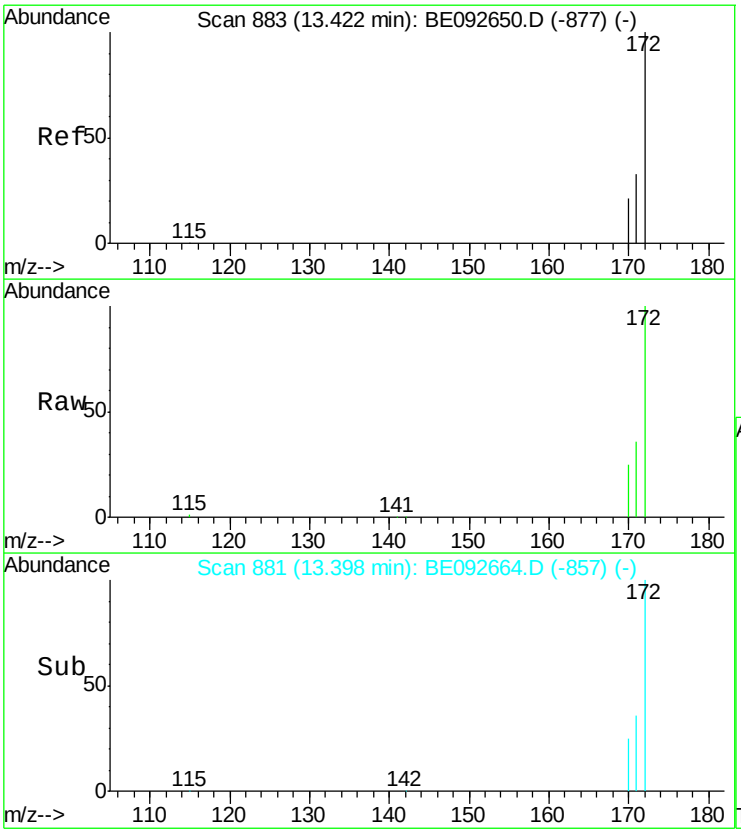
#13
2,4,6-Tribromophenol
Concen: 8.71 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:330 Resp: 5449

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	44.2	31.0	46.6

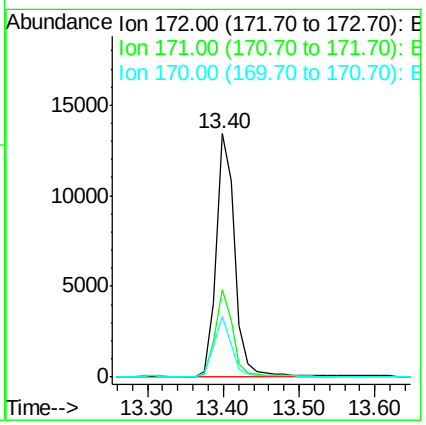


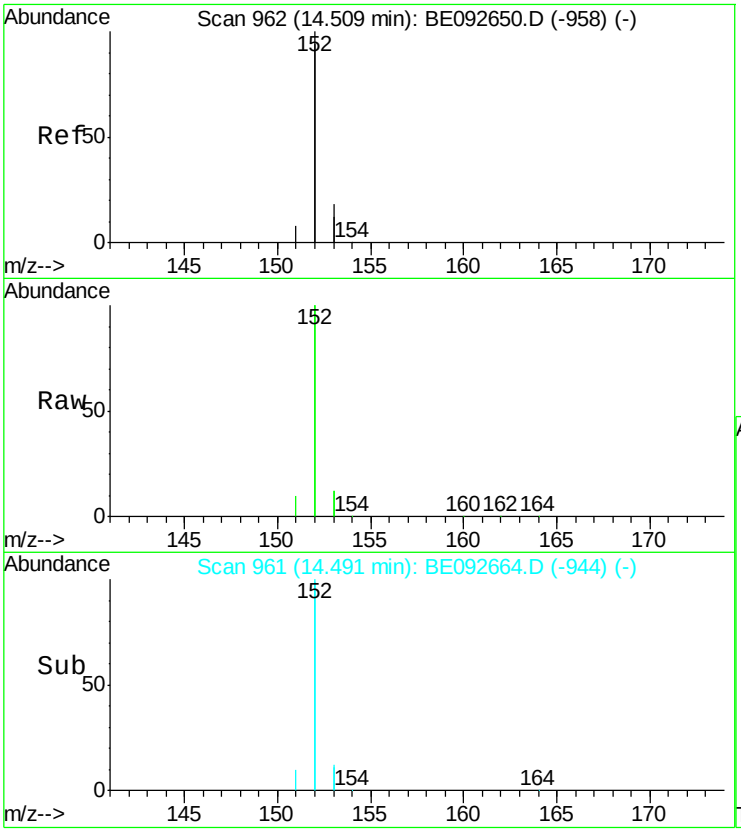


#14
2-Fluorobiphenyl
Concen: 4.37 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:172 Resp: 22756

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.1	45.1
170	25.1	21.8	32.6



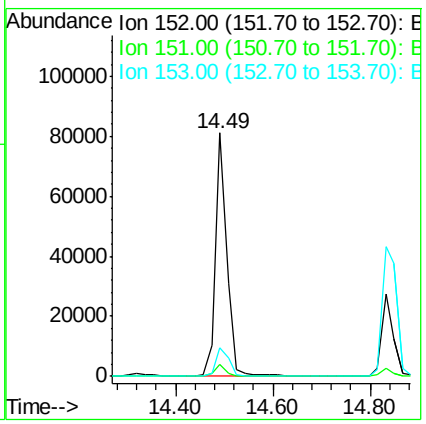


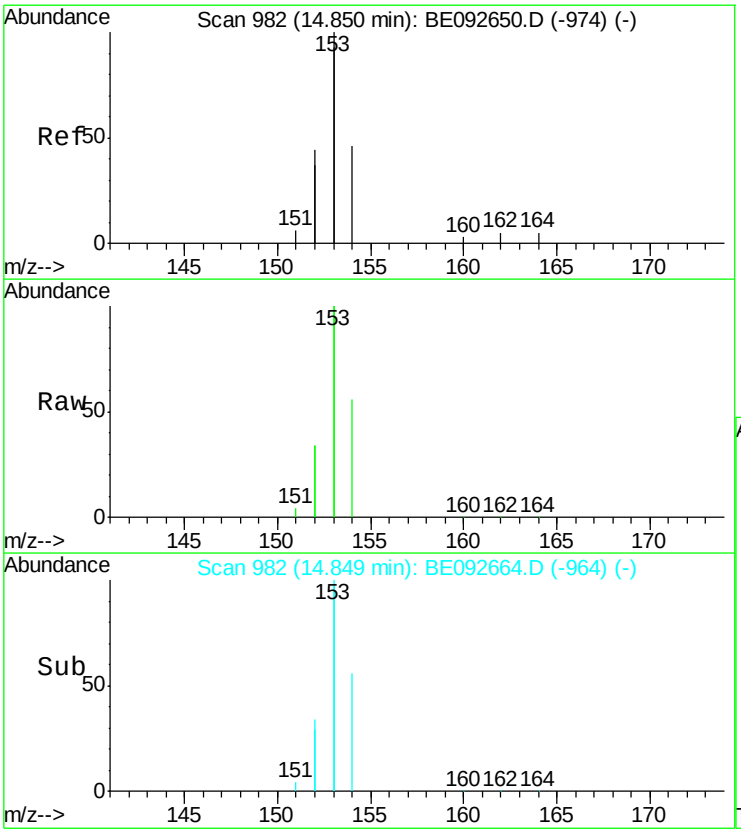
#15
Acenaphthylene
Concen: 4.43 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:152 Resp: 129281

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.4	15.6

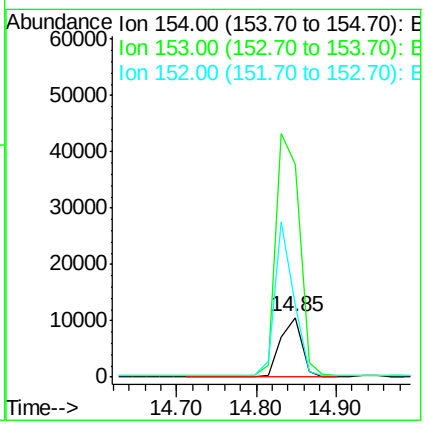


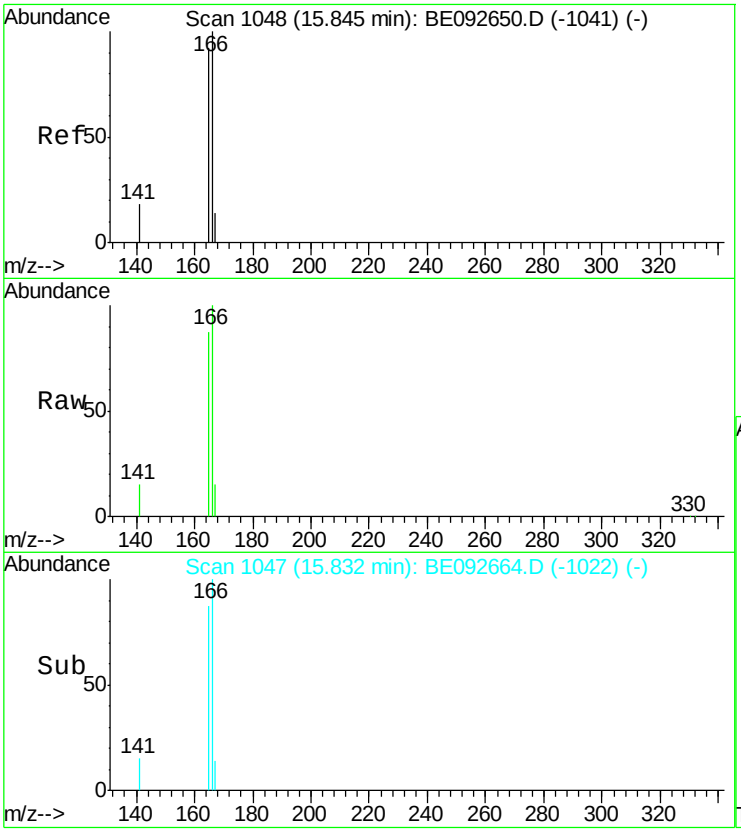


#16
Acenaphthene
Concen: 4.11 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:154 Resp: 19206

Ion	Ratio	Lower	Upper
154	100		
153	456.5	350.8	526.2
152	232.6	171.1	256.7



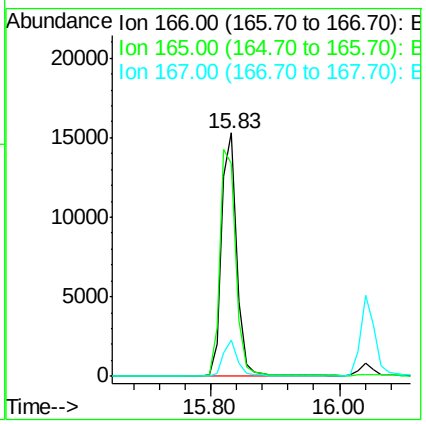


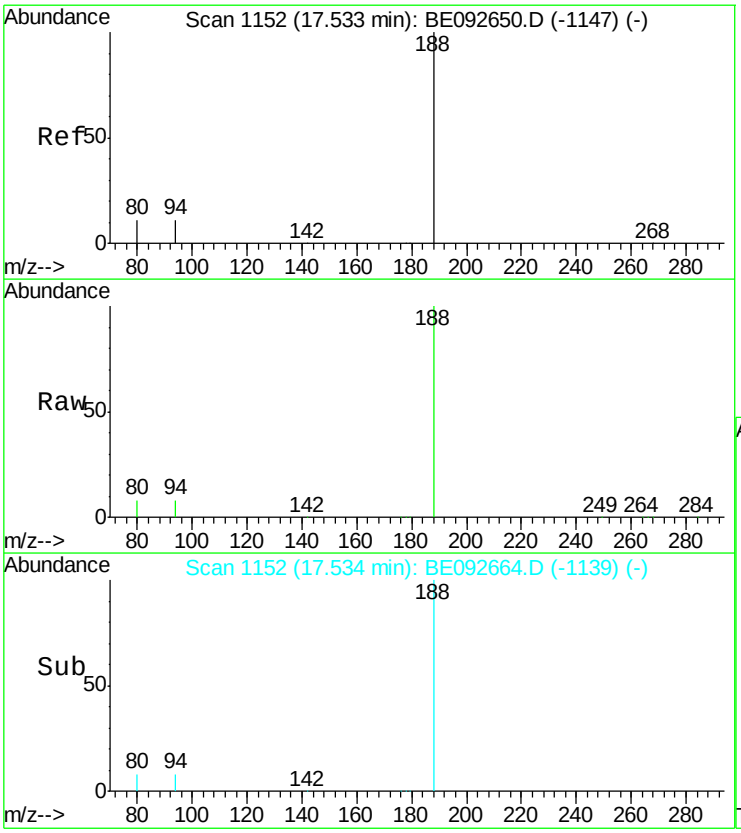
#17
Fluorene
Concen: 4.25 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:166 Resp: 24940

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

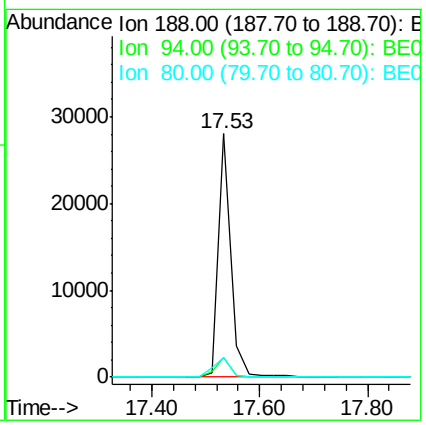


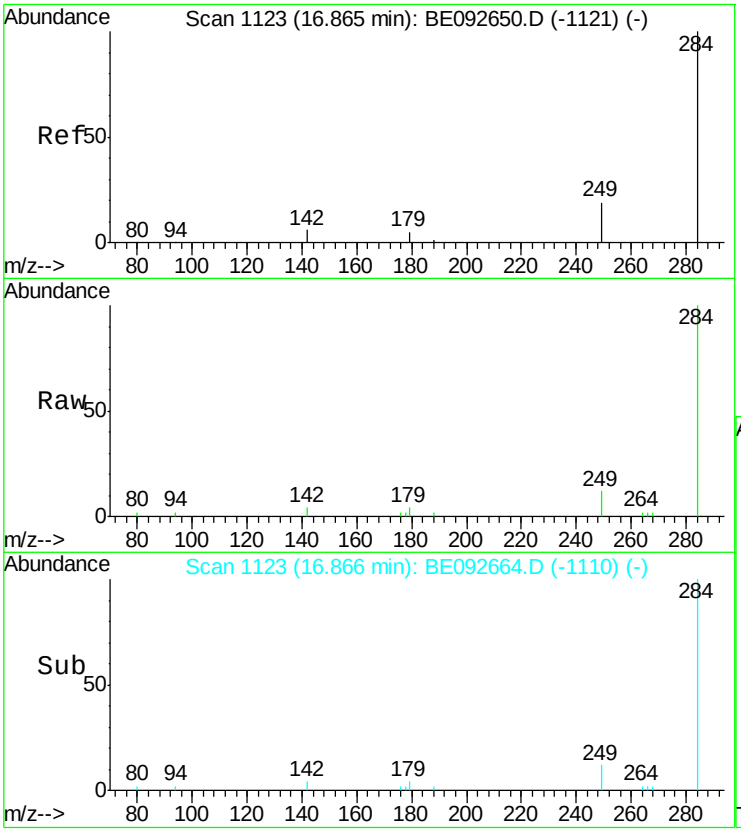


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:188 Resp: 45433

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.2	4.8#
80	7.9	2.6	3.8#



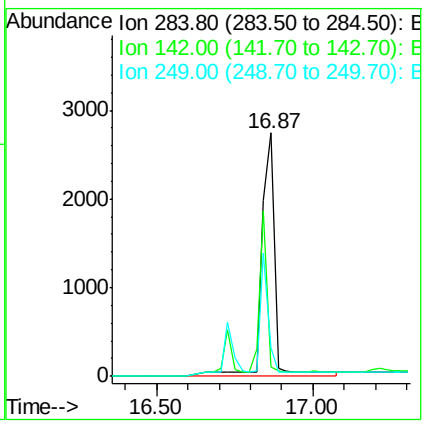


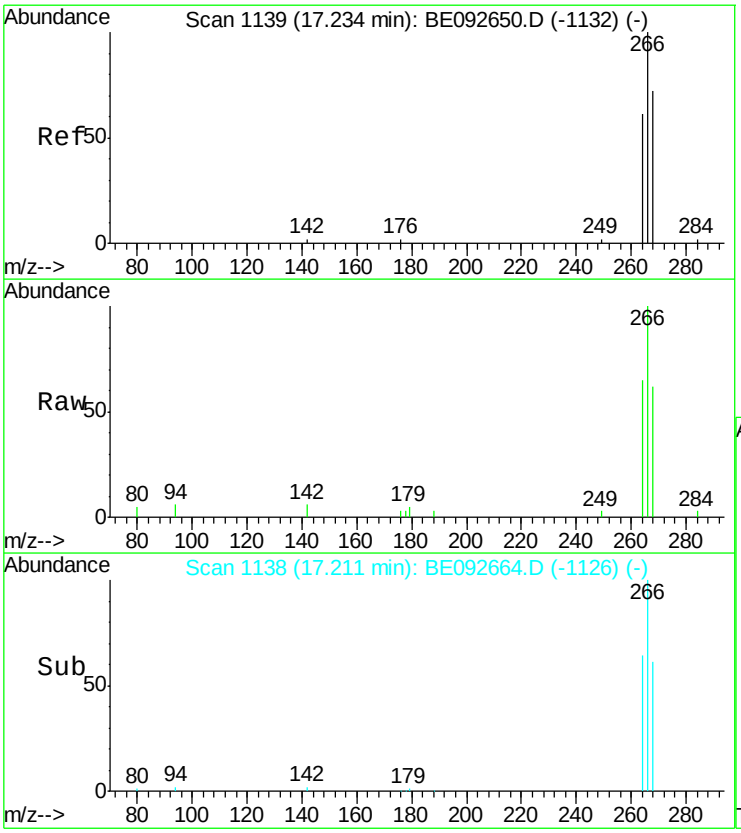
#19
Hexachlorobenzene
Concen: 5.65 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:284 Resp: 8364

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

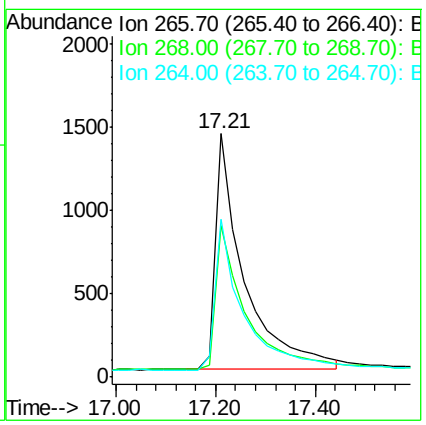


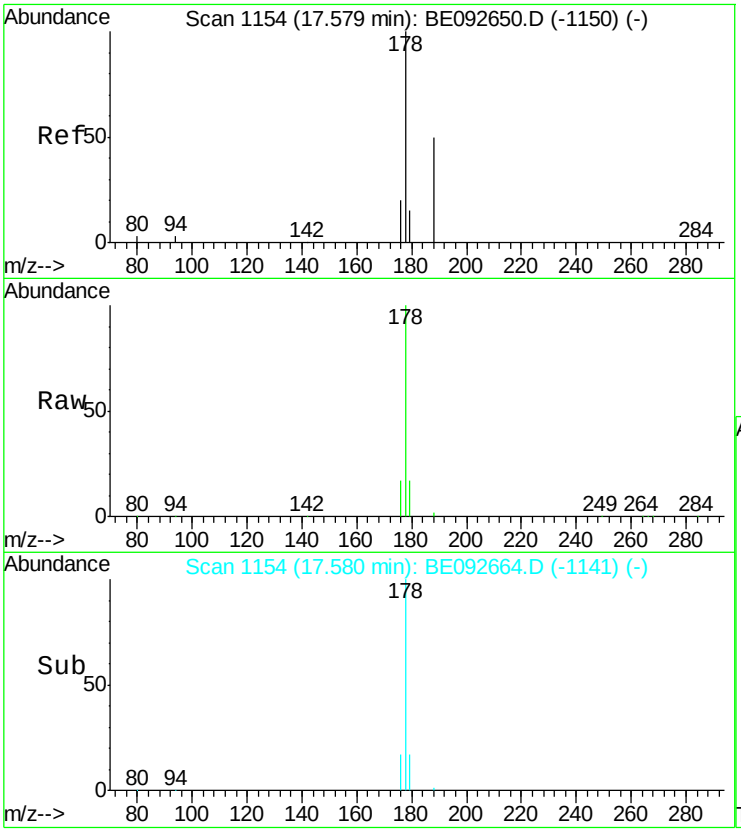


#20
Pentachlorophenol
Concen: 12.12 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:266 Resp: 5660

Ion	Ratio	Lower	Upper
266	100		
268	62.4	62.5	93.7#
264	65.0	57.2	85.8



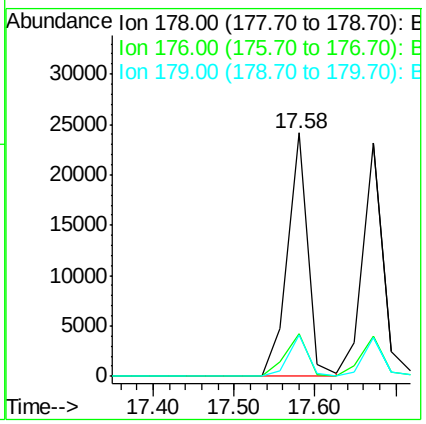


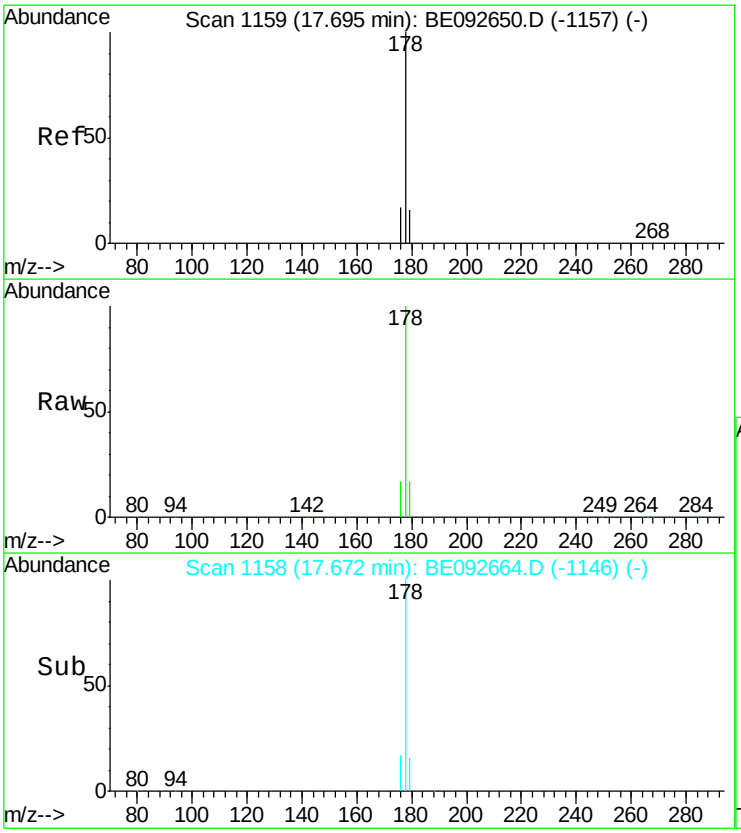
#21
Phenanthrene
Concen: 4.17 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:178 Resp: 41846

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.0	16.0	24.0

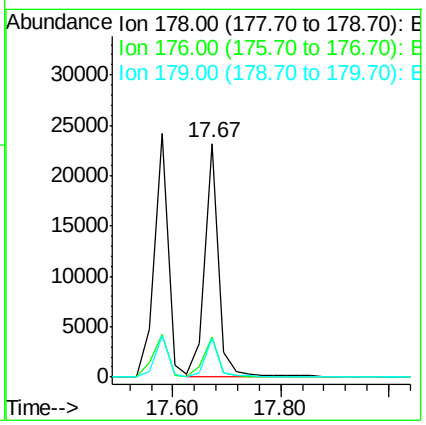


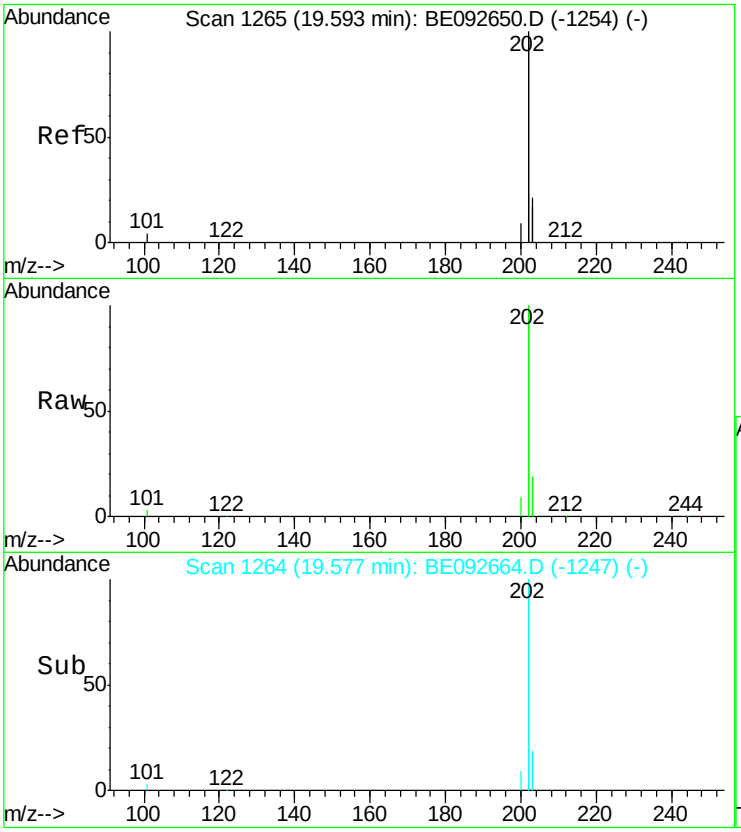


#22
Anthracene
Concen: 4.46 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:178 Resp: 41307

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.0	12.2	18.2



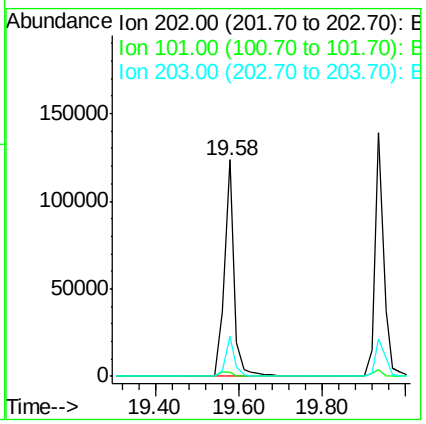


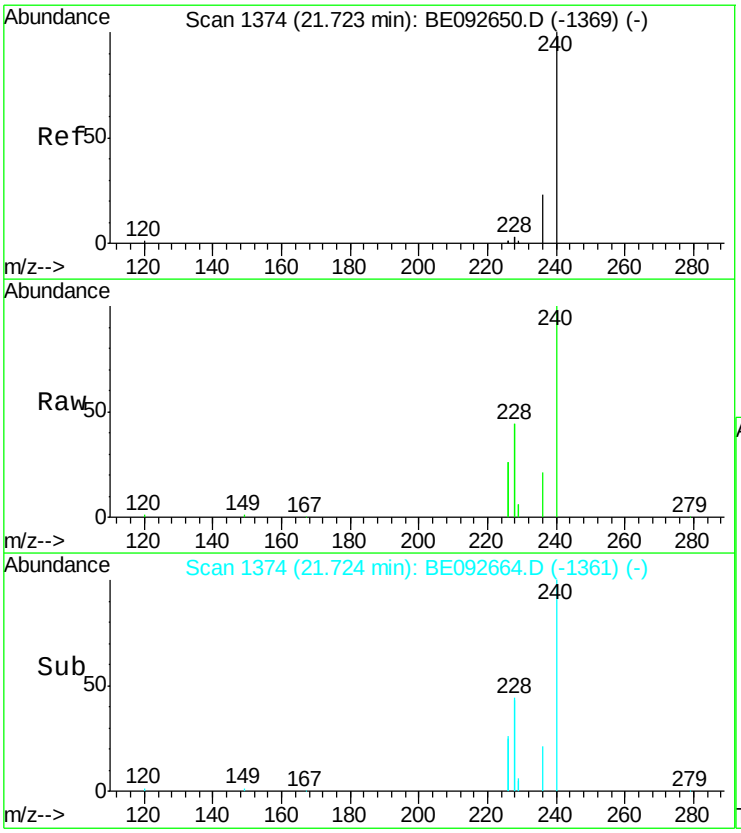
#23
Fluoranthene
Concen: 4.36 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:202 Resp: 193937

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

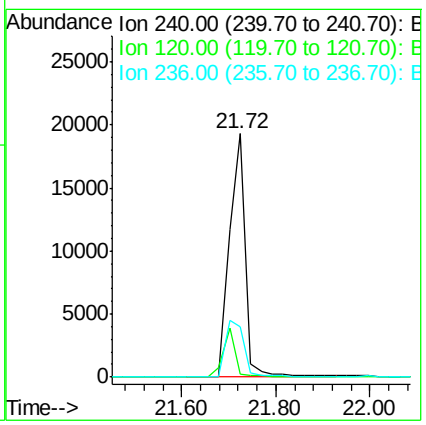


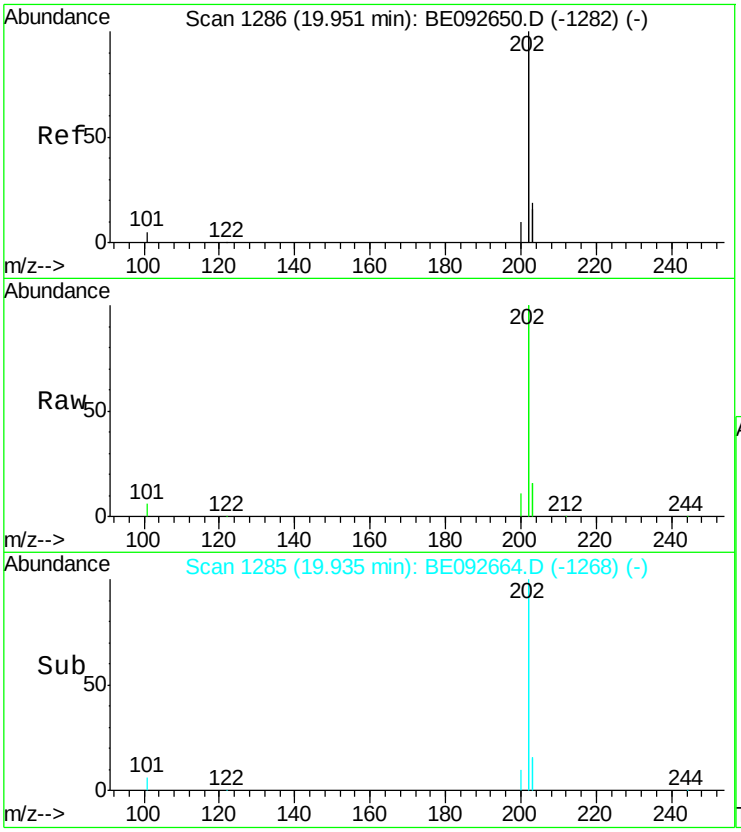


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:240 Resp: 45081

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	20.7	24.6	37.0#



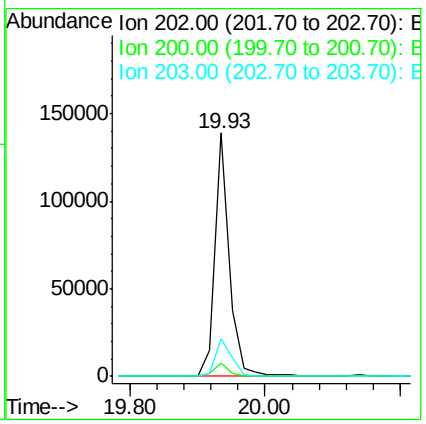


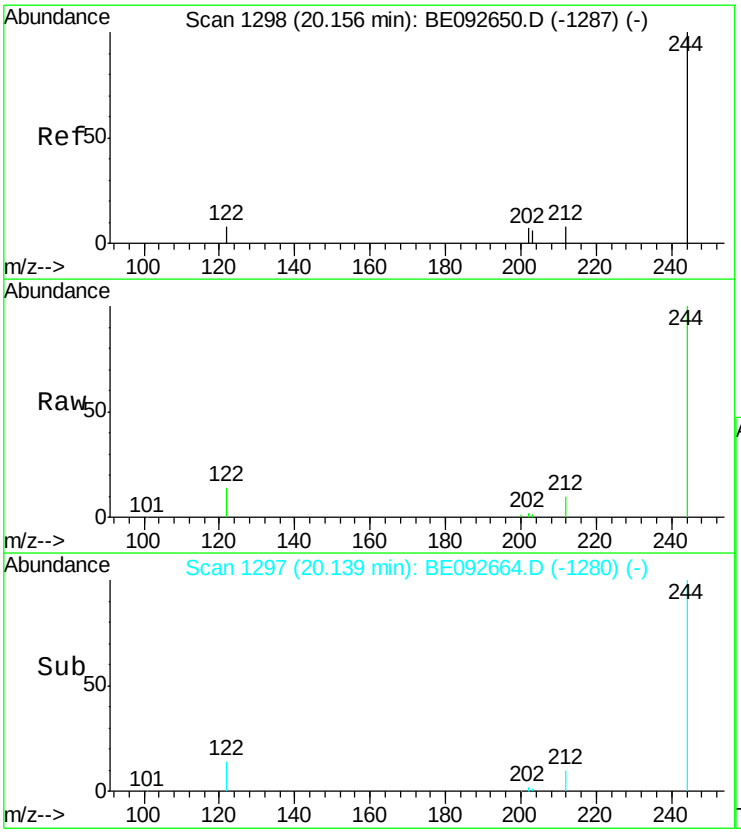
#25
Pyrene
Concen: 4.61 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:202 Resp: 204938

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.7	13.9	20.9

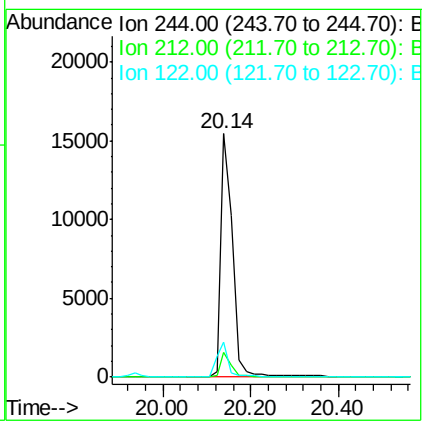


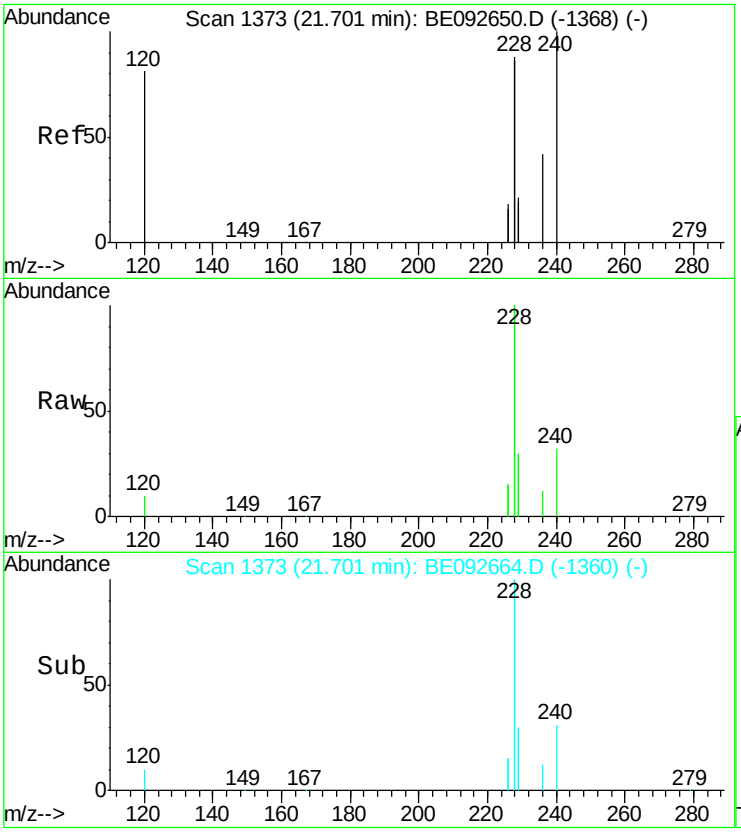


#26
Terphenyl-d14
Concen: 4.49 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:244 Resp: 28627

Ion	Ratio	Lower	Upper
244	100		
212	10.3	6.7	10.1#
122	14.3	3.6	5.4#



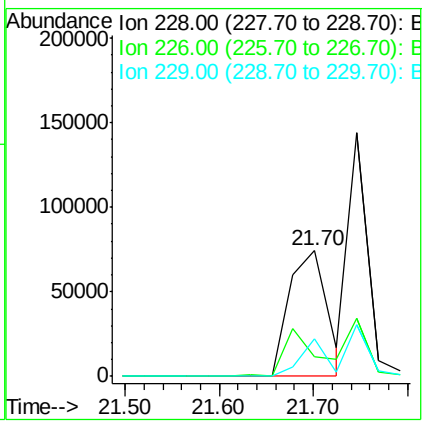


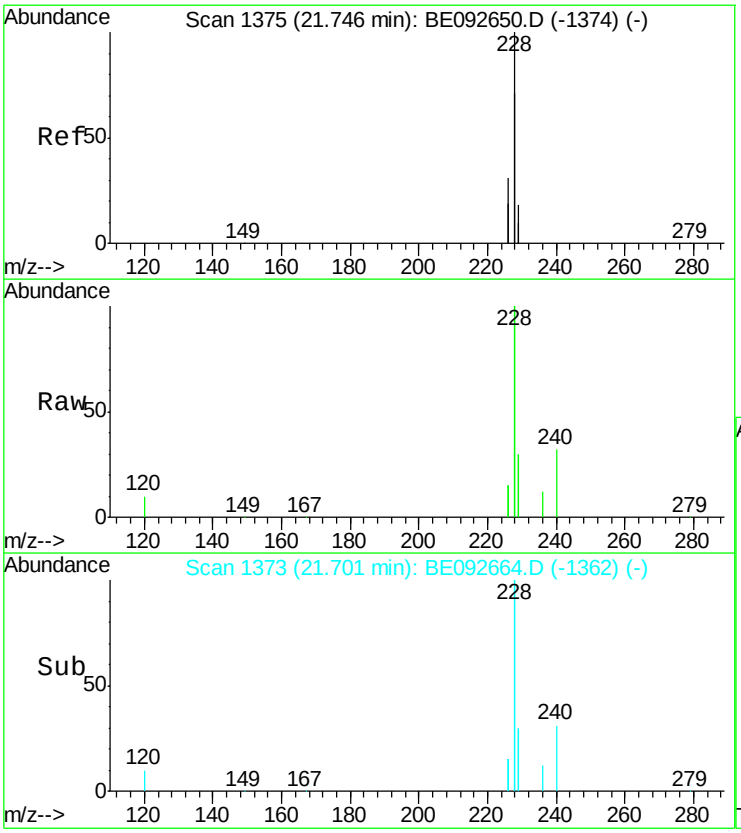
#27
Benzo(a)anthracene
Concen: 4.61 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:228 Resp: 204829

Ion	Ratio	Lower	Upper
228	100		
226	15.3	23.6	35.4#
229	30.1	13.3	19.9#

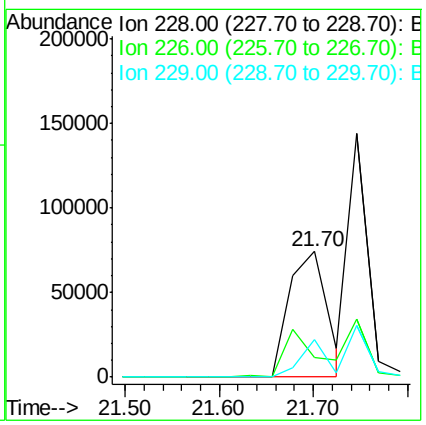


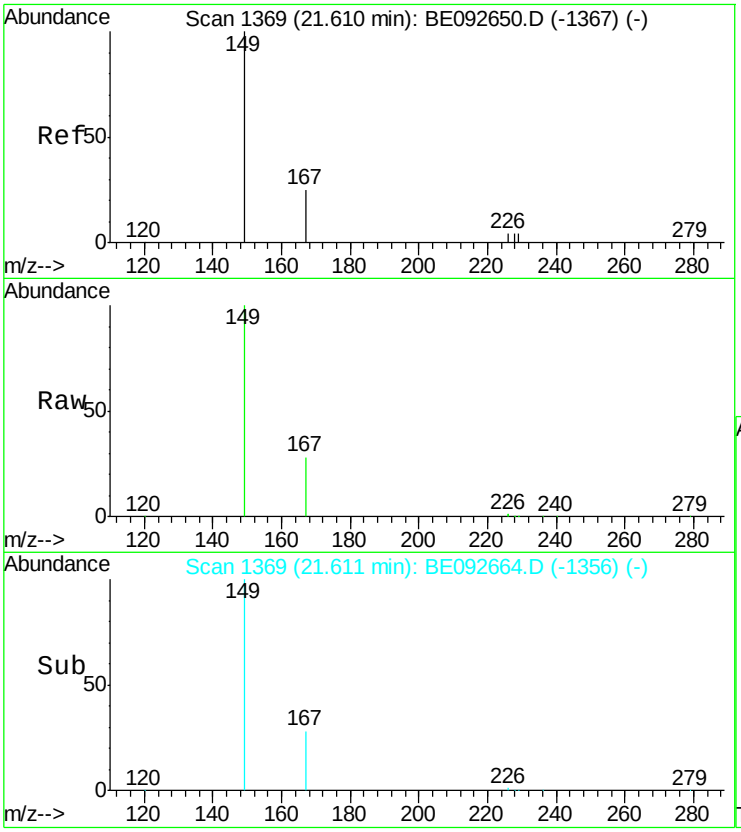


#28
Chrysene
Concen: 4.10 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:228 Resp: 204829

Ion	Ratio	Lower	Upper
228	100		
226	15.3	36.3	54.5#
229	30.1	10.6	16.0#



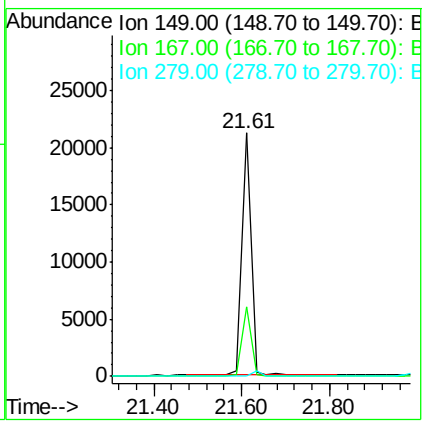


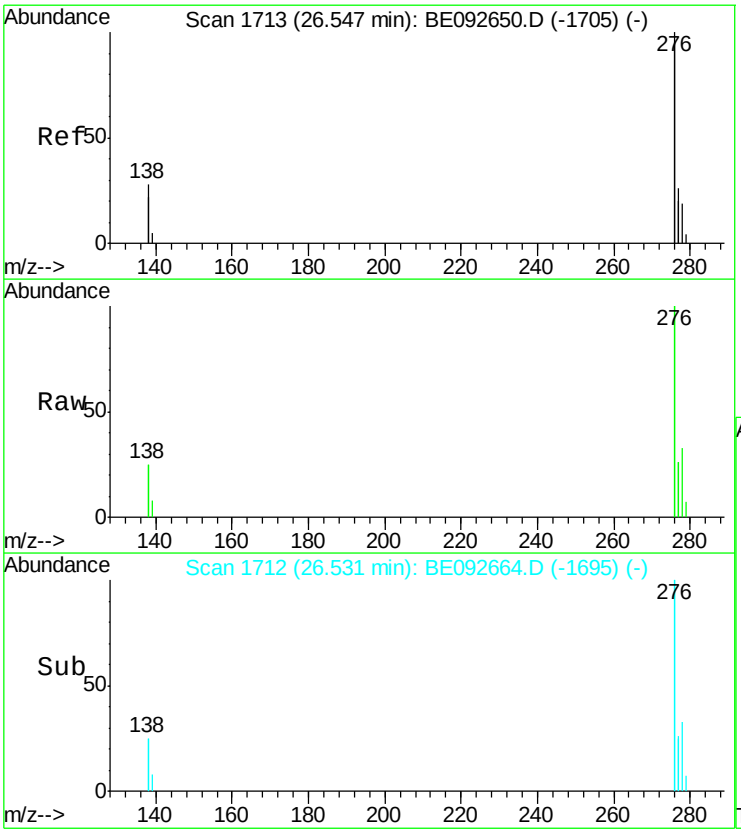
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.55 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:149 Resp: 30541

Ion	Ratio	Lower	Upper
149	100		
167	27.6	16.0	24.0#
279	0.0	16.0	24.0#

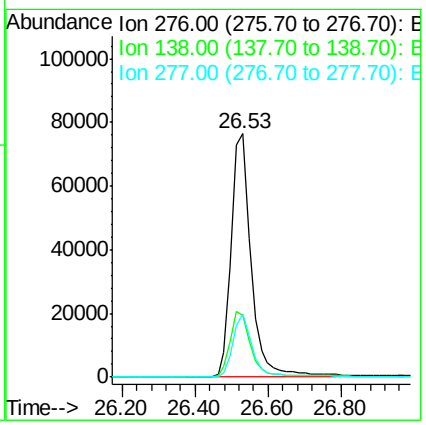


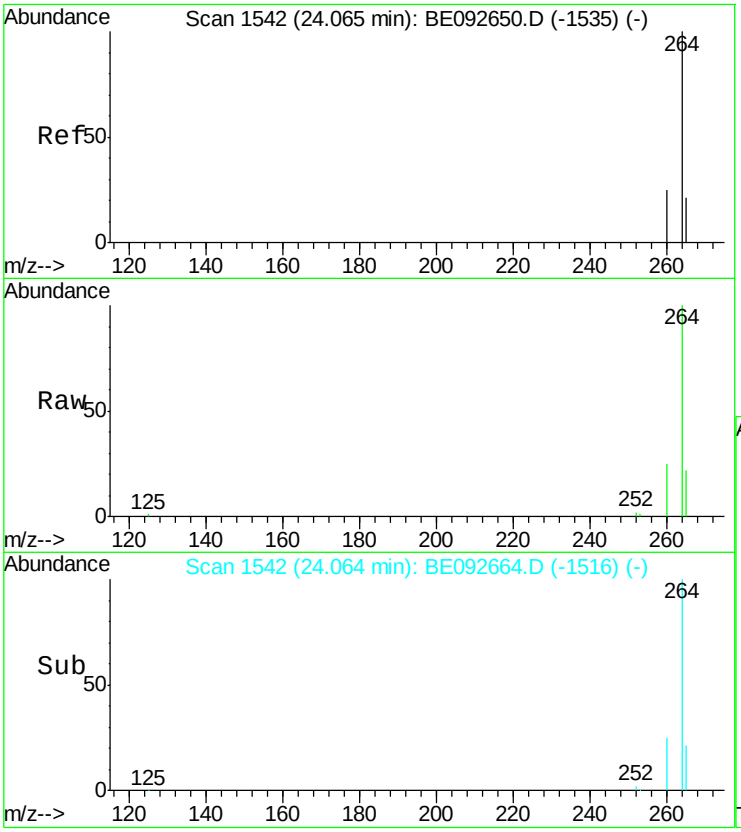


#30
Indeno(1,2,3-cd)pyrene
Concen: 5.28 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:276 Resp: 285119

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.8	19.7	29.5



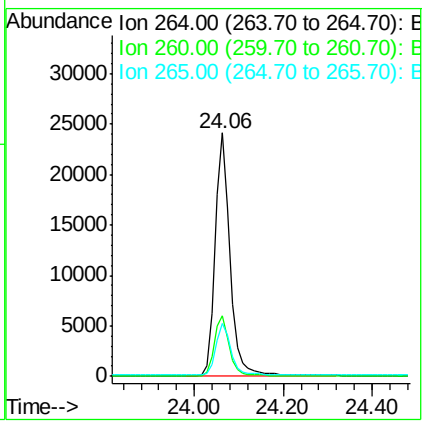


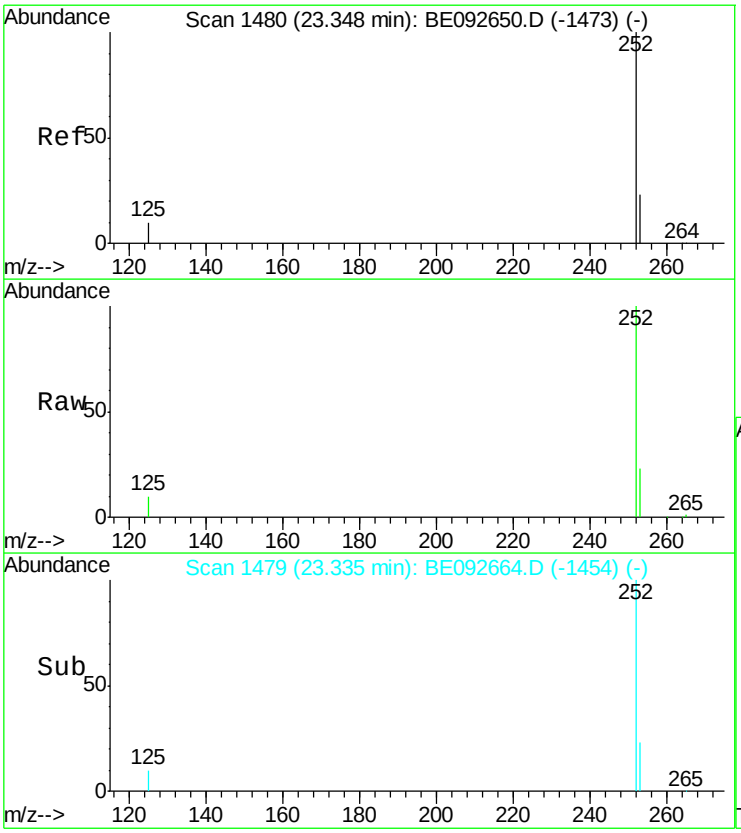
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:264 Resp: 55992

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.0	17.9	26.9

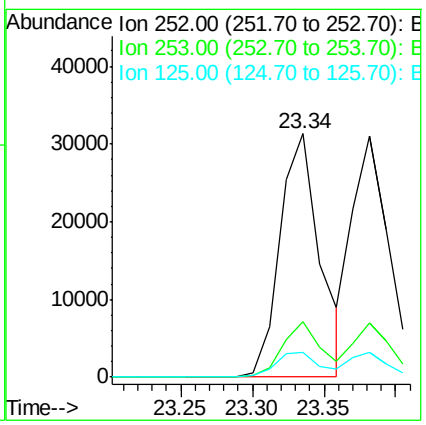


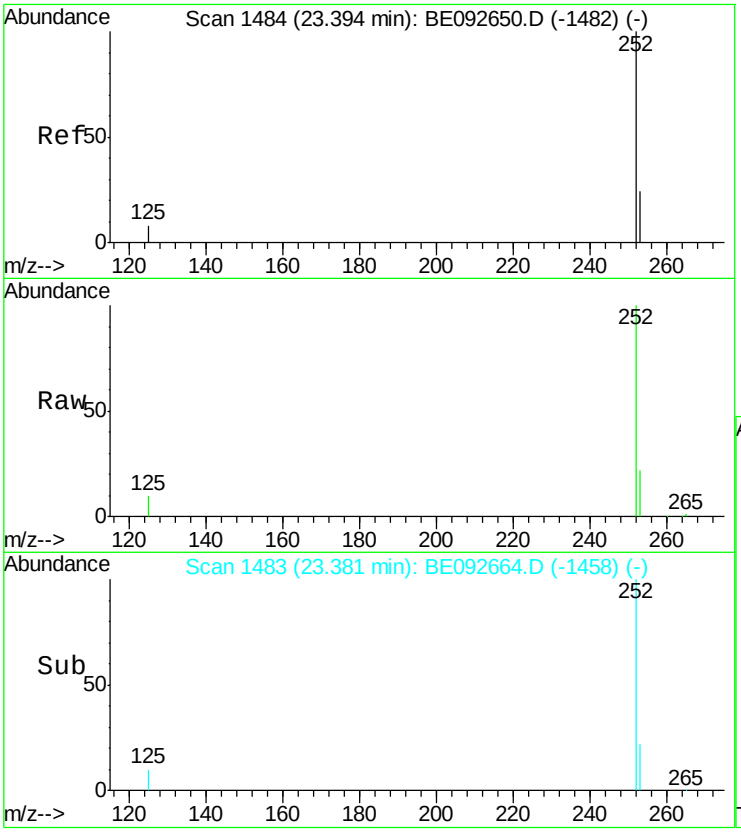


#32
Benzo(b)fluoranthene
Concen: 4.46 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:252 Resp: 60354

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	9.9	10.5	15.7#



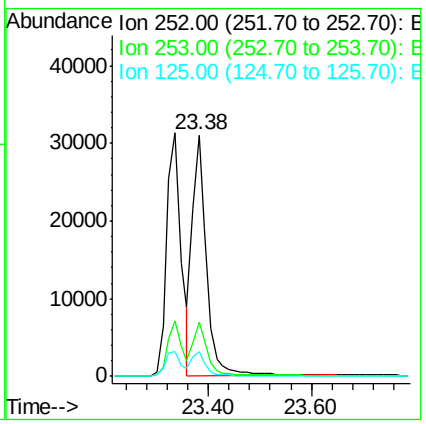


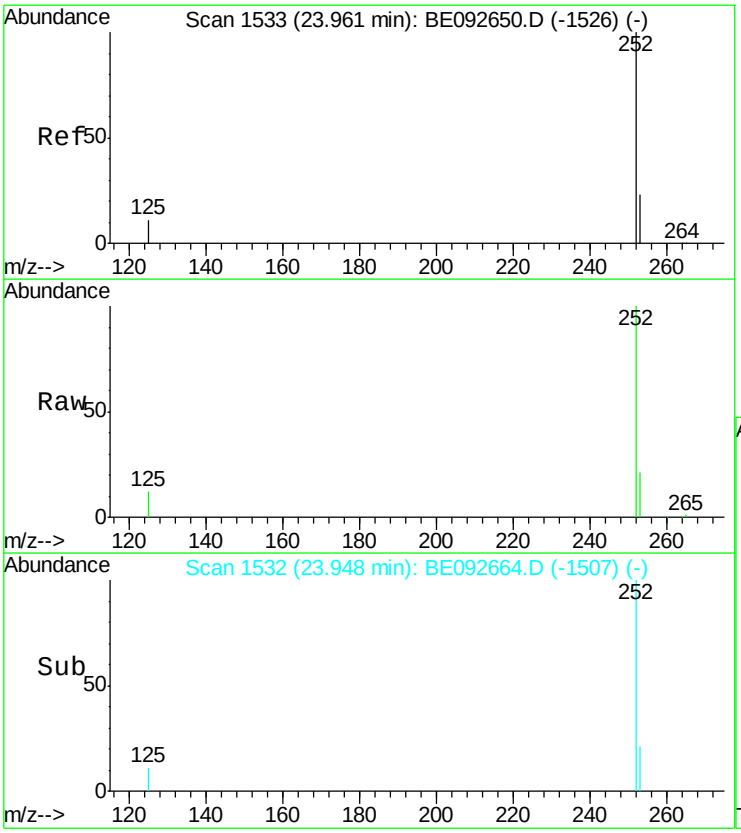
#33
Benzo(k)fluoranthene
Concen: 4.32 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:252 Resp: 58772

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	10.4	9.6	14.4

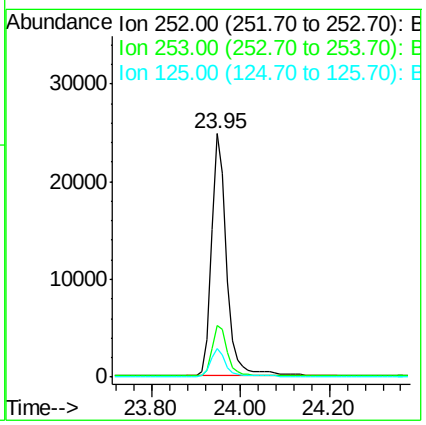


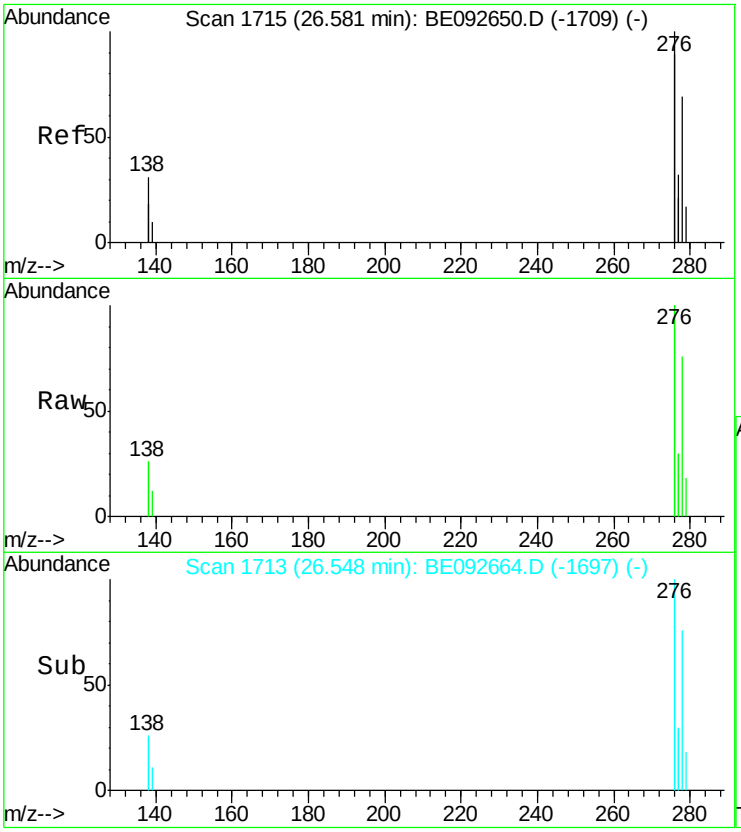


#34
Benzo(a)pyrene
Concen: 4.63 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:252 Resp: 58831

Ion	Ratio	Lower	Upper
252	100		
253	21.4	19.0	28.6
125	11.7	11.8	17.8#



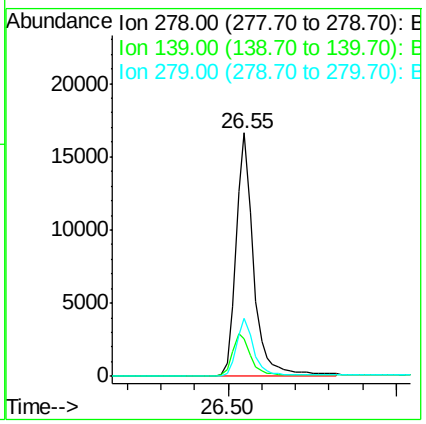


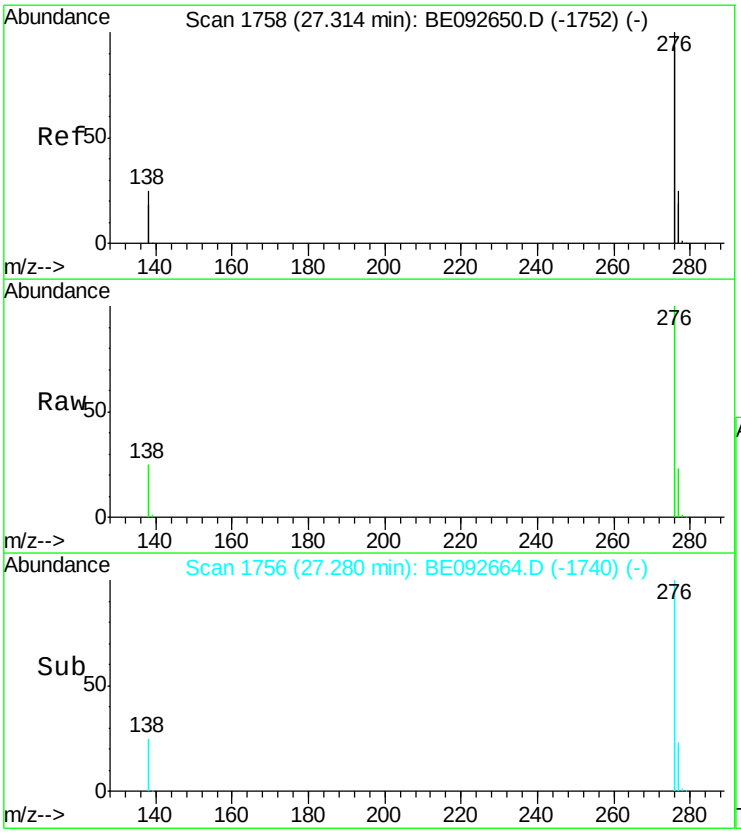
#35
Dibenzo(a,h)anthracene
Concen: 4.76 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Instrument :
BNA_E
ClientSampleId :
PB96128BS

Tgt Ion:278 Resp: 59299

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.8
279	23.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.88 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092664.D
Acq: 19 Jan 2017 19:25

Tgt Ion:276 Resp: 256963

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	24.5	19.8	29.6