Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092665.D
Acq On : 19 Jan 2017 20:03
Operator : UM/SJ
Sample : PB96128BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB96128BSD

Quant Time: Jan 20 01:30:24 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	9257	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	40294	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	23788	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	50760	5.00	ng		0.00
24) Chrysene-d12	21.72	240	48972	5.00	ng		0.00
31) Perylene-d12	24.06	264	57126	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	19067	9.23	ng		-0.01
5) Phenol-d6	7.31	99	23491	9.27	ng		-0.02
8) Nitrobenzene-d5	9.29	82	12342	4.72	ng		-0.04
13) 2,4,6-Tribromophenol	16.27	330	5769	8.21	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	25099	4.29	ng		-0.02
26) Terphenyl-d14	20.14	244	29794	4.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4768	3.82	ng	#	68
3) n-Nitrosodimethylamine	3.73	42	7397	4.43	ng	#	91
6) bis(2-Chloroethyl)ether	7.54	93	11498	4.28	ng		96
9) Naphthalene	10.95	128	34787	4.13	ng	#	96
10) Hexachlorobutadiene	11.24	225	5245	4.22	ng		99
11) 2-Methylnaphthalene	12.59	142	22334	4.28	ng		93
15) Acenaphthylene	14.49	152	141457	4.32	ng		100
16) Acenaphthene	14.85	154	21620	4.11	ng		93
17) Fluorene	15.83	166	27562	4.18	ng		100
19) Hexachlorobenzene	16.87	284	7192	4.33	ng	#	39
20) Pentachlorophenol	17.21	266	6185	11.85	ng	#	87
21) Phenanthrene	17.58	178	44721	3.99	ng		94
22) Anthracene	17.67	178	44951	4.35	ng		99
23) Fluoranthene	19.58	202	202857	4.08	ng		99
25) Pyrene	19.93	202	214102	4.44	ng		99
27) Benzo(a)anthracene	21.70	228	198439	4.11	ng	#	72
28) Chrysene	21.70	228	198439	3.66	ng	#	55
29) Bis(2-ethylhexyl)phthalate	21.61	149	31845	3.42	ng	#	71
30) Indeno(1,2,3-cd)pyrene	26.51	276	304941	5.20	ng		98
32) Benzo(b)fluoranthene	23.34	252	62223	4.50	ng	#	96
33) Benzo(k)fluoranthene	23.38	252	58689	4.23	ng		95
34) Benzo(a)pyrene	23.95	252	60347	4.65	ng	#	95
35) Dibenzo(a,h)anthracene	26.55	278	62995	4.96	ng		95
36) Benzo(g,h,i)perylene	27.28	276	262972	4.90	ng		98

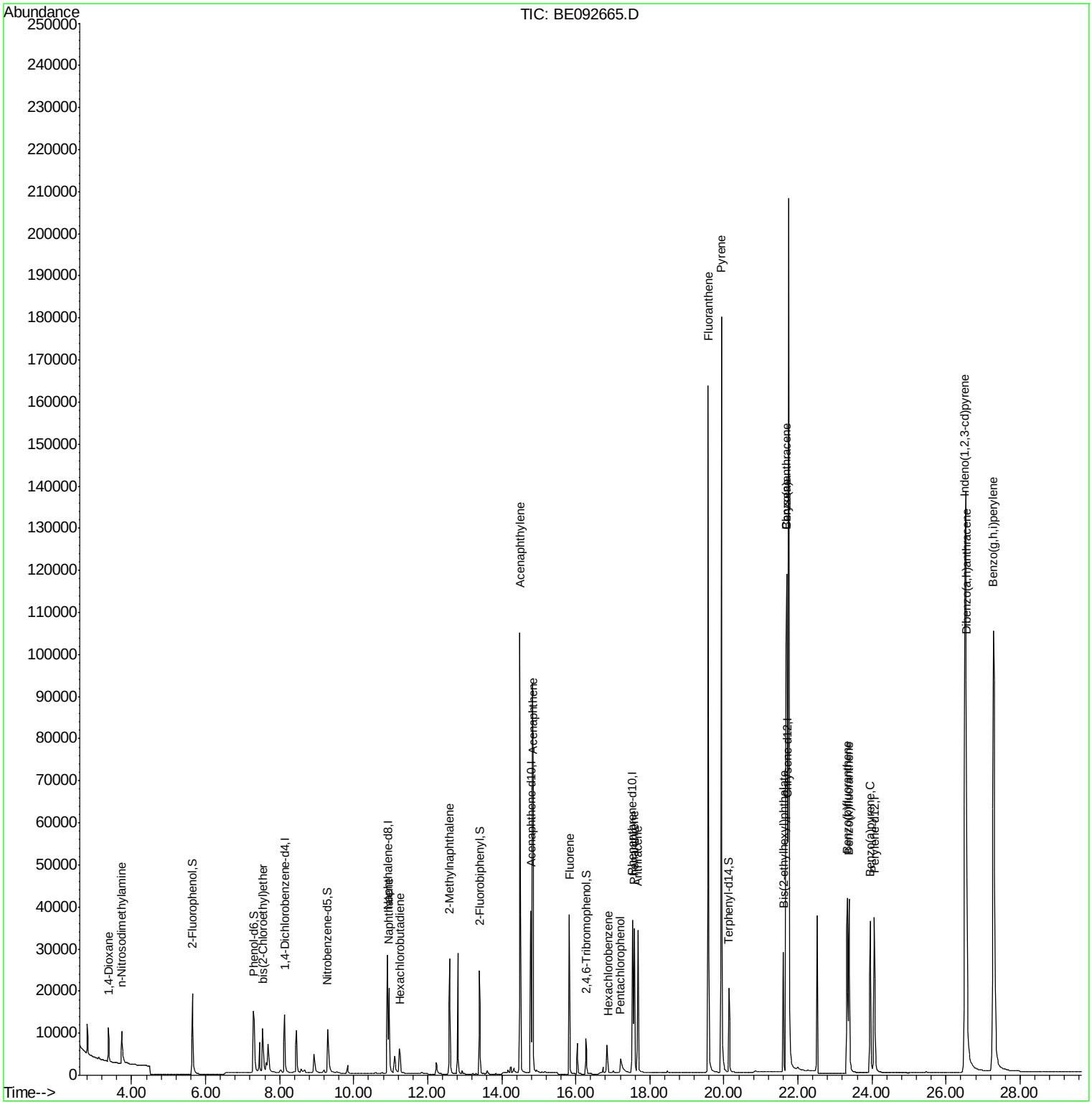
(#) = qualifier out of range (m) = manual integration (+) = signals summed

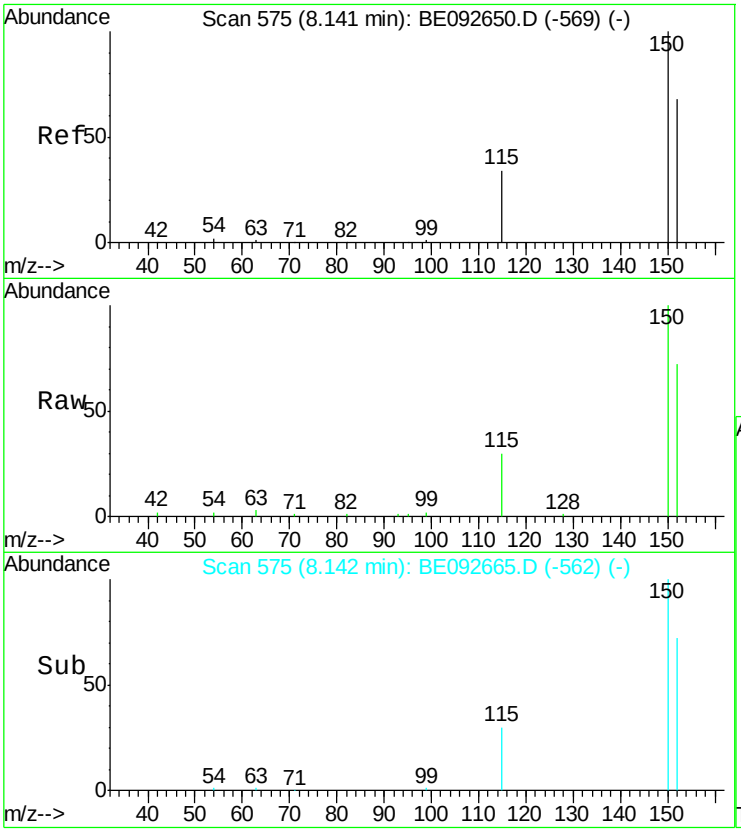
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011917\
Data File : BE092665.D
Acq On : 19 Jan 2017 20:03
Operator : UM/SJ
Sample : PB96128BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Quant Time: Jan 20 01:30:24 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



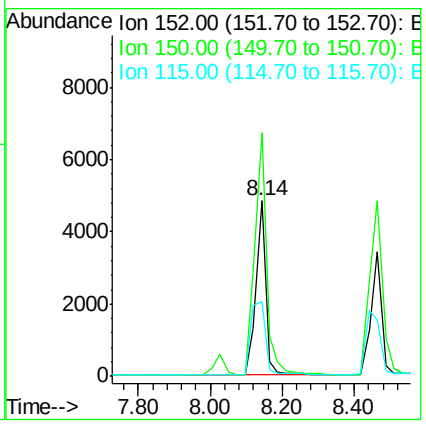


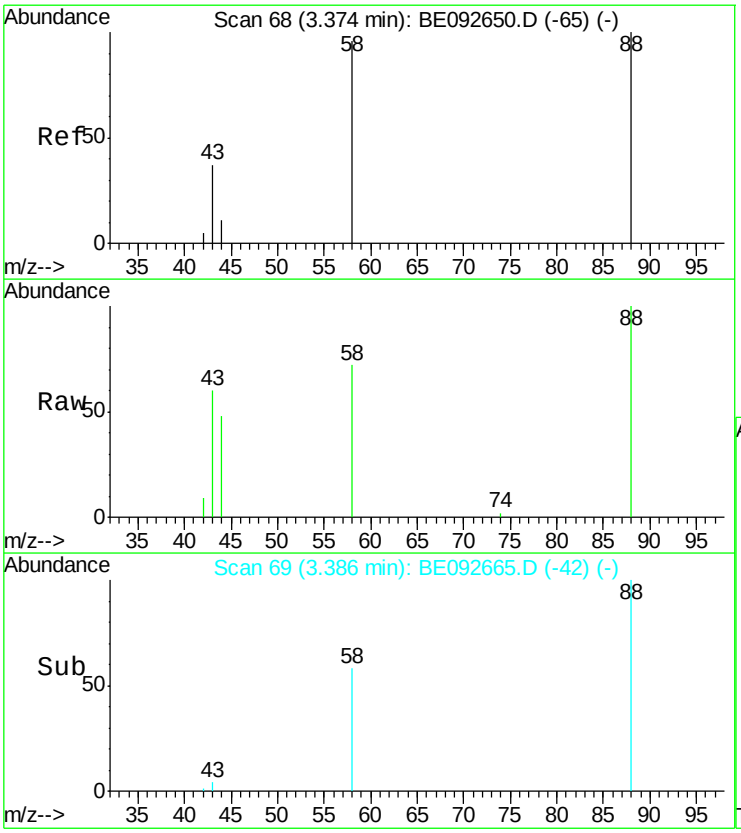
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:152 Resp: 9257

Ion	Ratio	Lower	Upper
152	100		
150	138.7	106.0	159.0
115	42.3	31.2	46.8

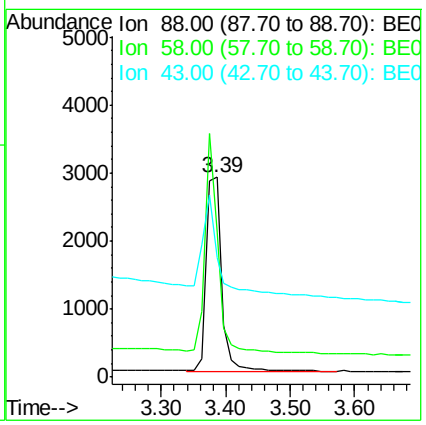


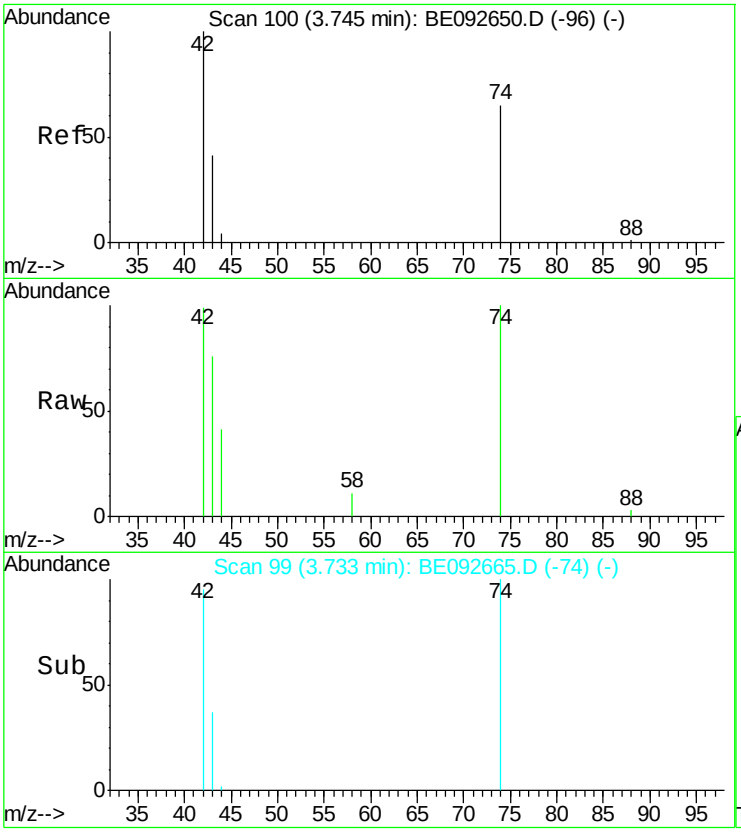


#2
1,4-Dioxane
Concen: 3.82 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion: 88 Resp: 4768

Ion	Ratio	Lower	Upper
88	100		
58	95.4	63.6	95.4#
43	71.5	28.0	42.0#



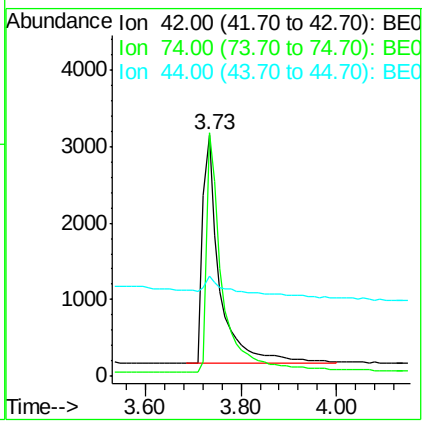


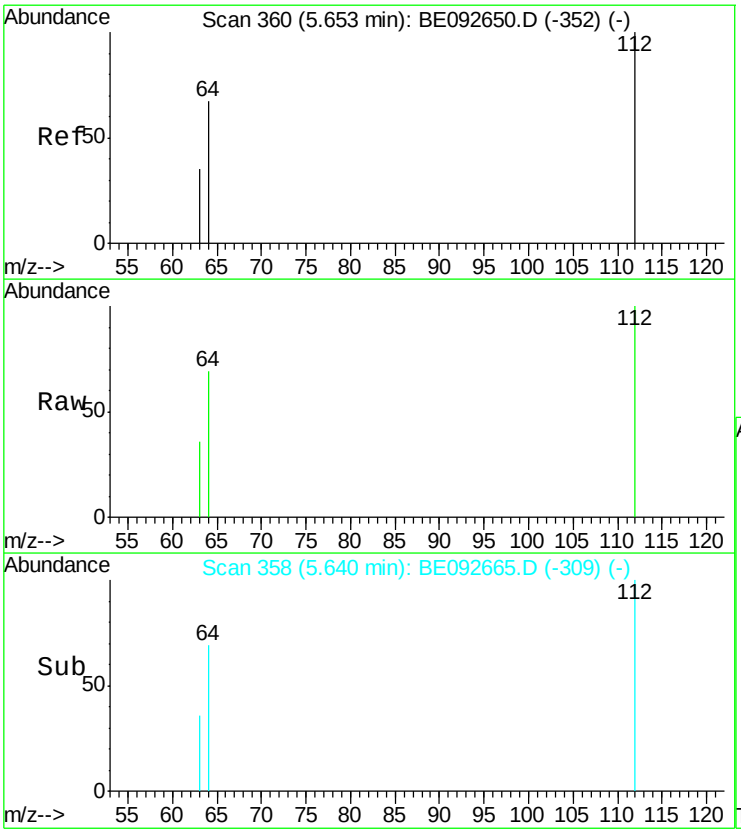
#3
n-Nitrosodimethylamine
Concen: 4.43 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion: 42 Resp: 7397

Ion	Ratio	Lower	Upper
42	100		
74	99.6	86.0	129.0
44	15.9	5.1	7.7#

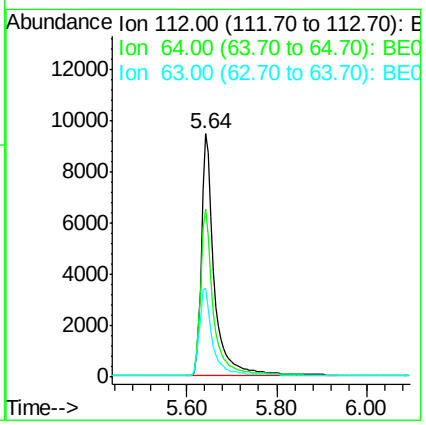


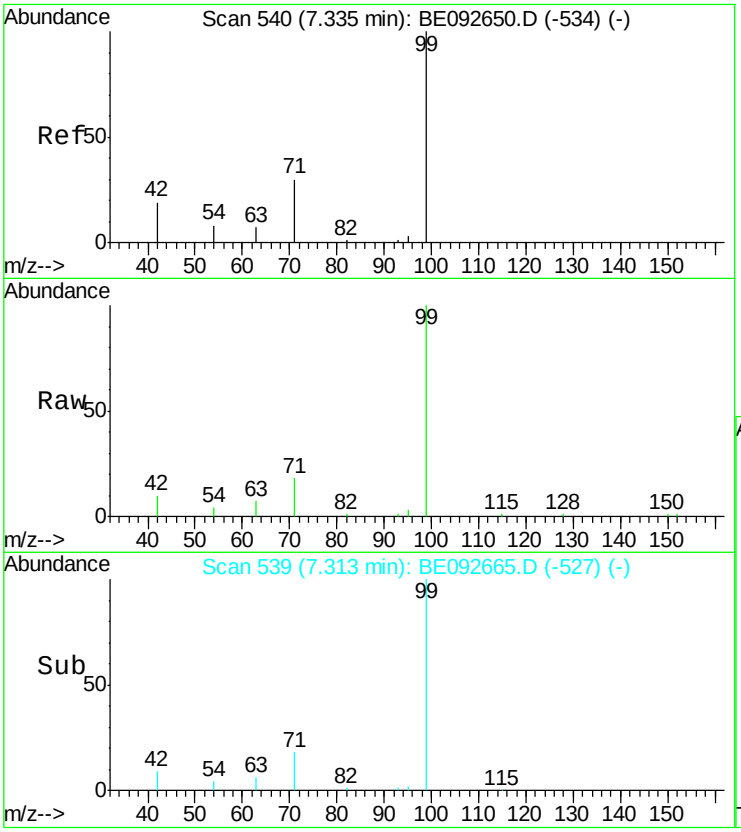


#4
2-Fluorophenol
Concen: 9.23 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:112 Resp: 19067

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	37.0	27.9	41.9



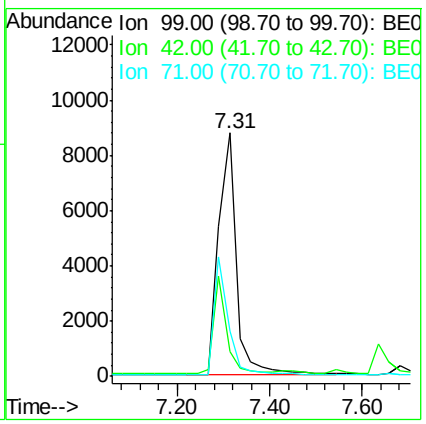


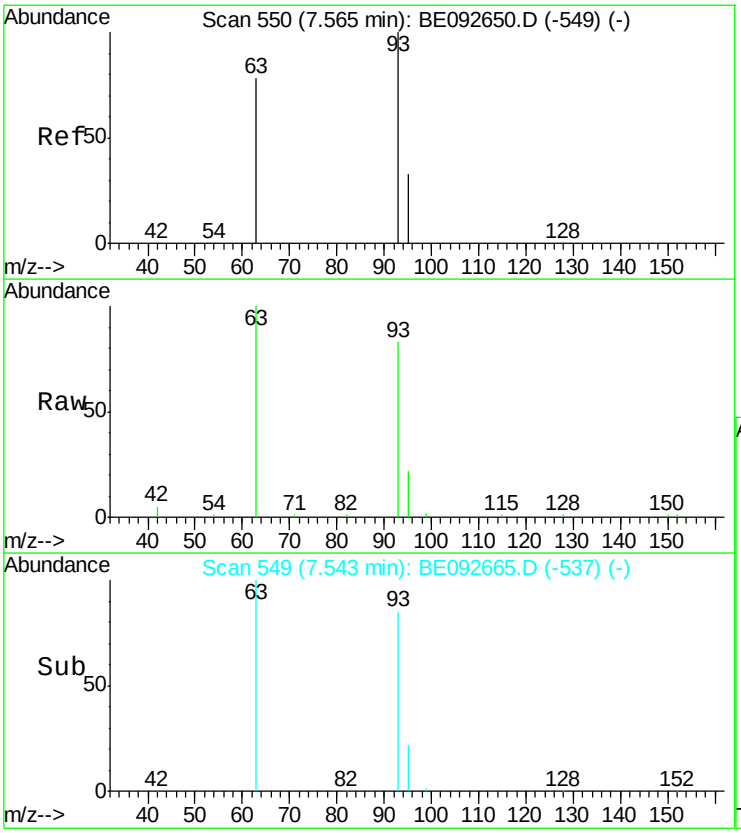
#5
Phenol-d6
Concen: 9.27 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion: 99 Resp: 23491

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

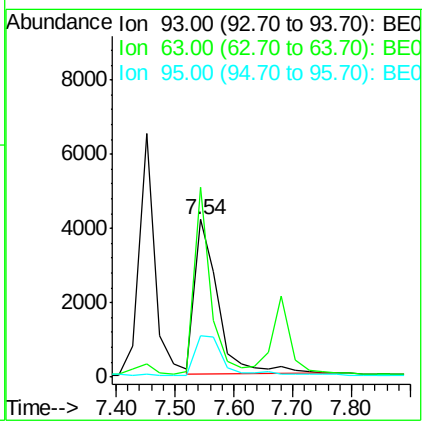


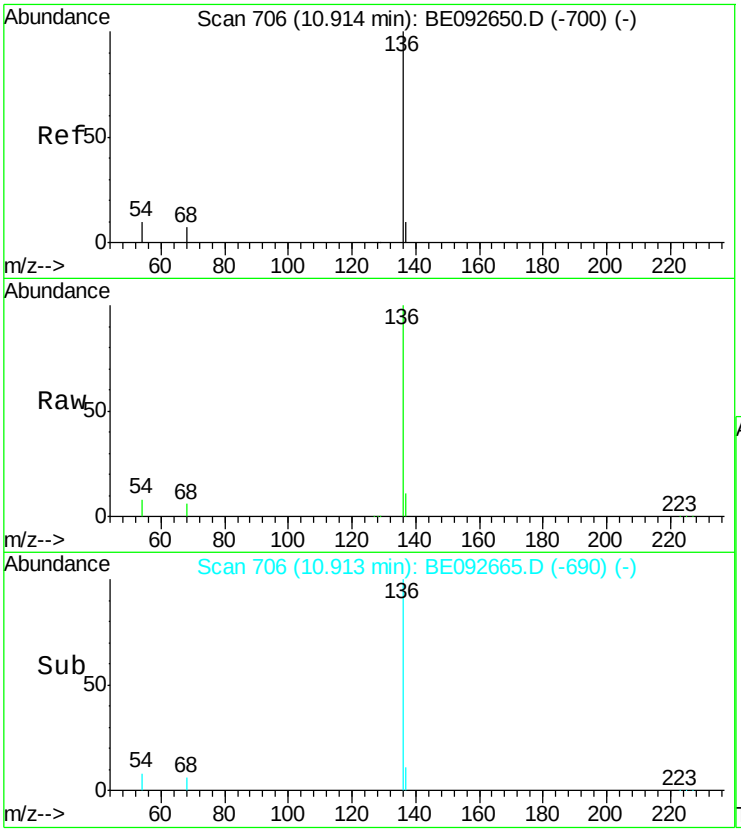


#6
bis(2-Chloroethyl)ether
Concen: 4.28 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion: 93 Resp: 11498

Ion	Ratio	Lower	Upper
93	100		
63	84.7	71.6	107.4
95	30.9	24.0	36.0



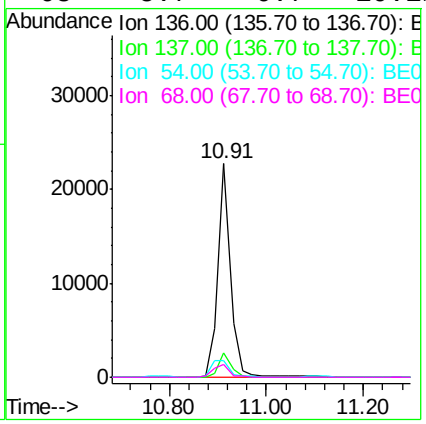


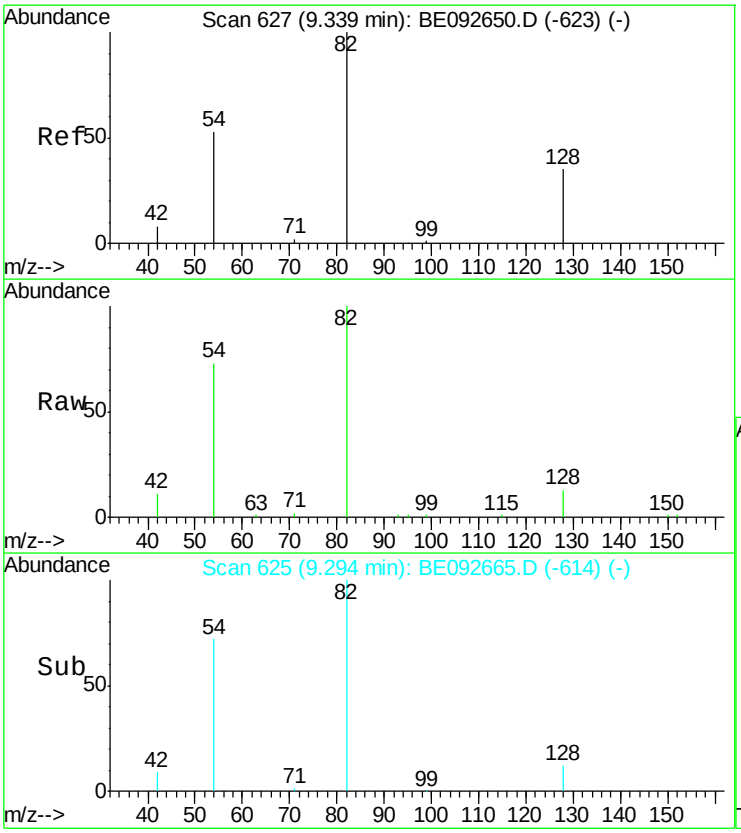
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:136 Resp: 40294

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.8	9.6	14.4#
68	5.7	6.7	10.1#

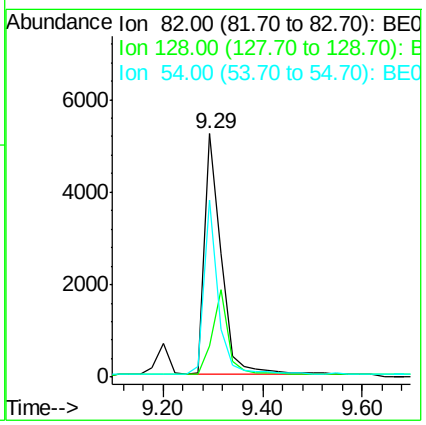


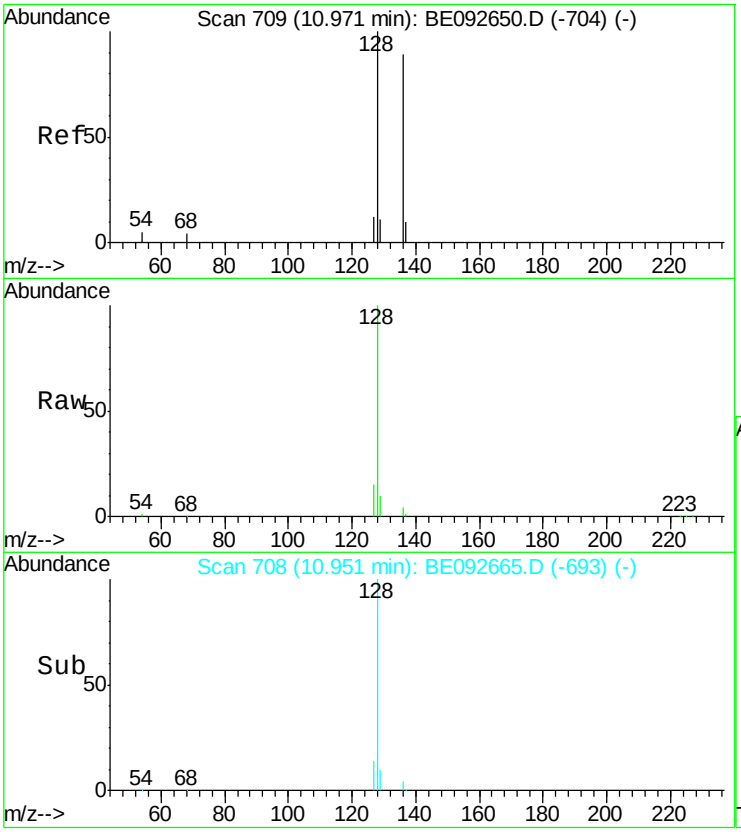


#8
Nitrobenzene-d5
Concen: 4.72 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.04 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion: 82 Resp: 12342

Ion	Ratio	Lower	Upper
82	100		
128	13.0	39.0	58.4#
54	72.6	44.8	67.2#



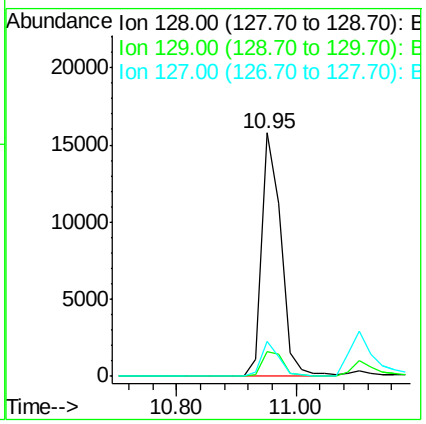


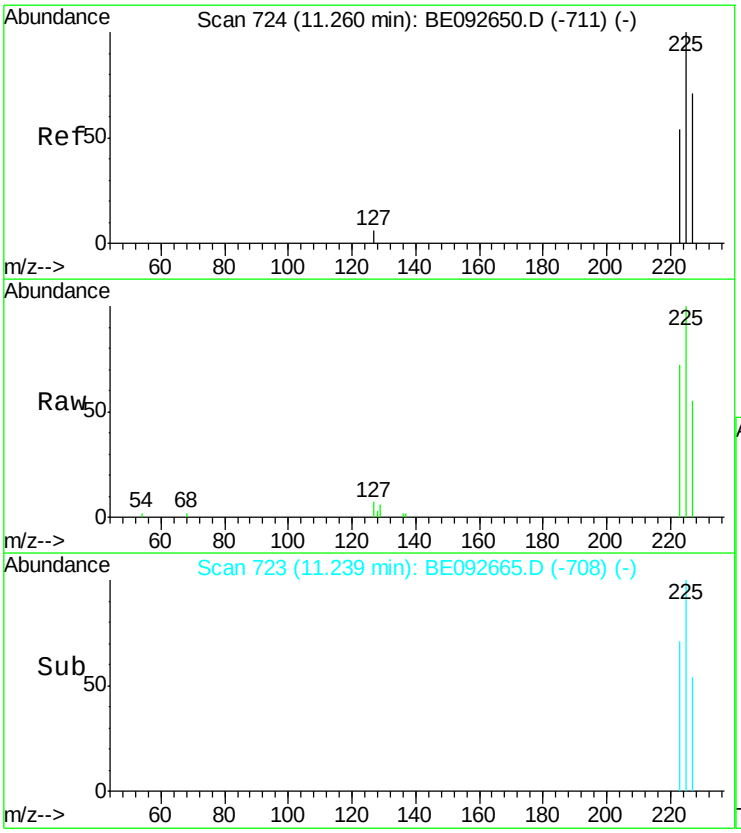
#9
Naphthalene
Concen: 4.13 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:128 Resp: 34787

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.2	16.8#
127	14.5	11.6	17.4

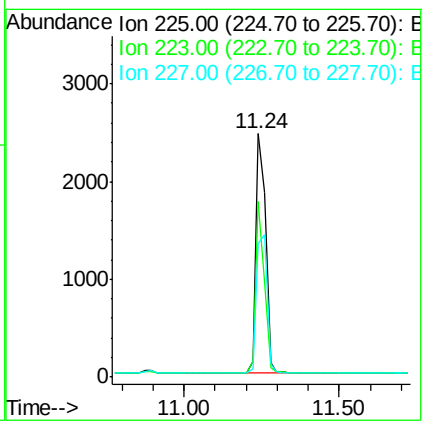


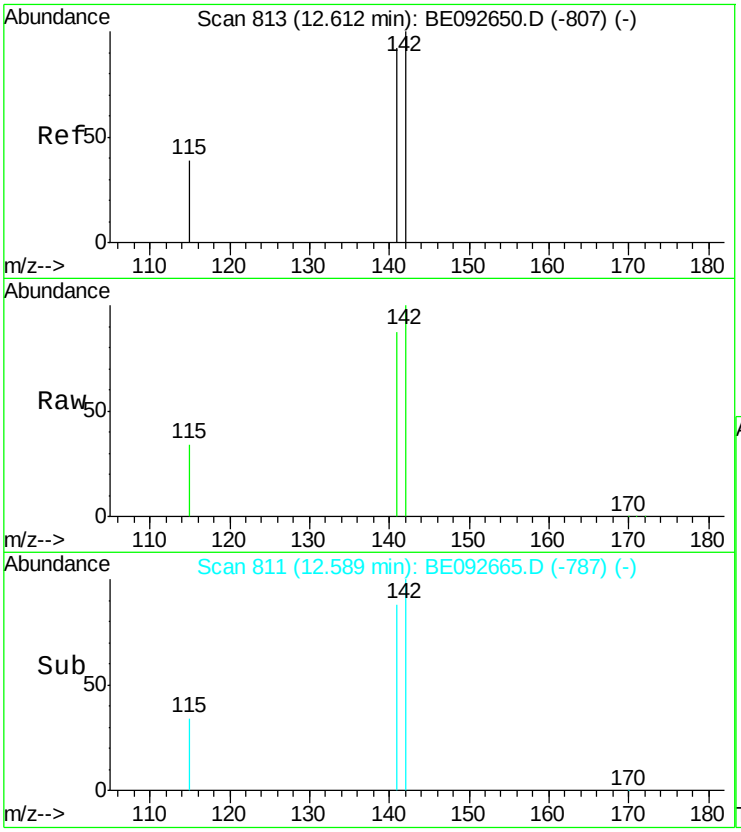


#10
Hexachlorobutadiene
Concen: 4.22 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:225 Resp: 5245

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.7	51.4	77.0



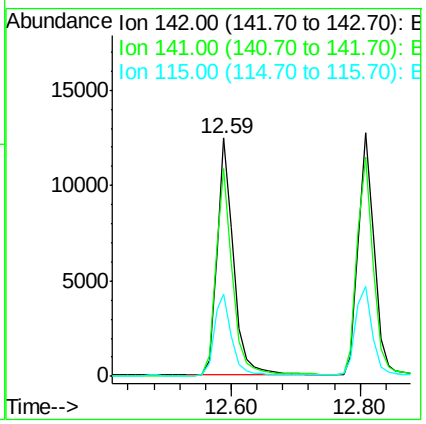


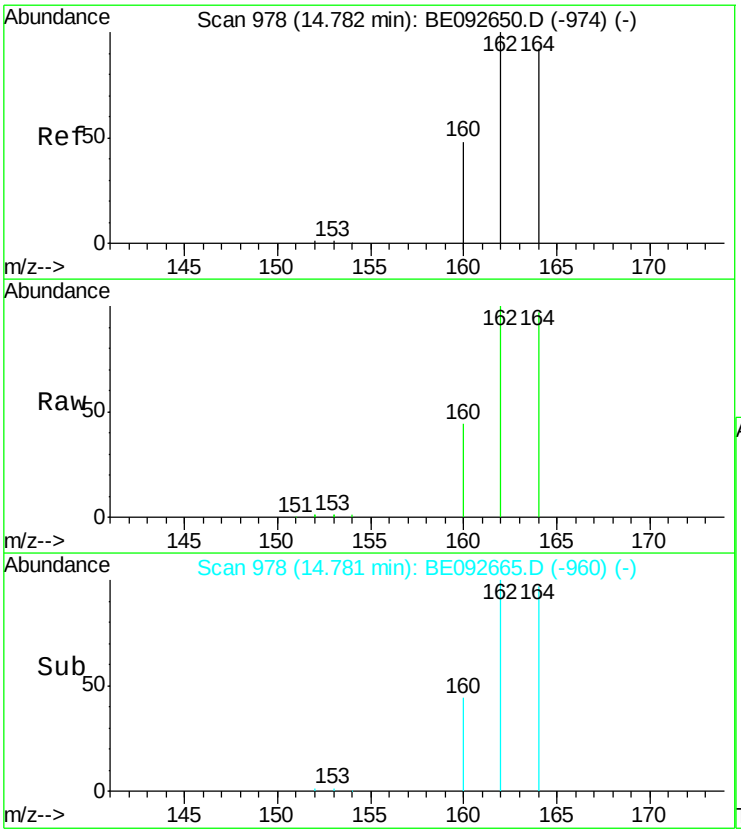
#11
2-Methylnaphthalene
Concen: 4.28 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:142 Resp: 22334

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.7	110.5
115	34.4	34.0	51.0

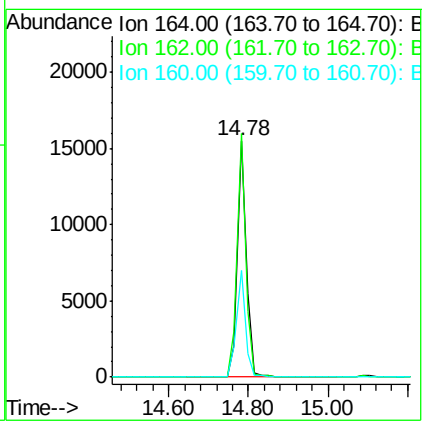


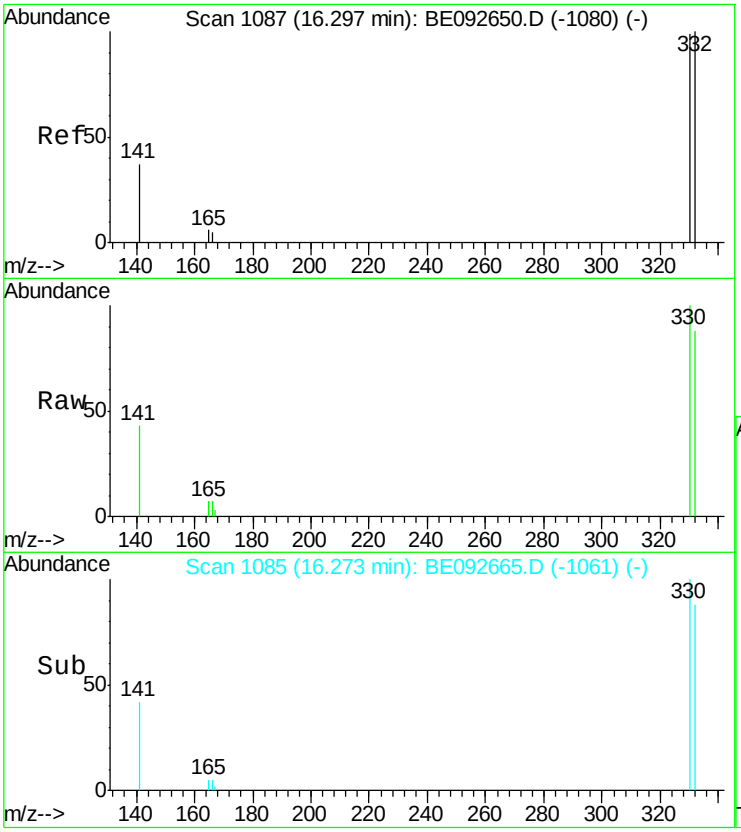


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:164 Resp: 23788

Ion	Ratio	Lower	Upper
164	100		
162	103.1	71.4	107.0
160	45.2	27.4	41.2#



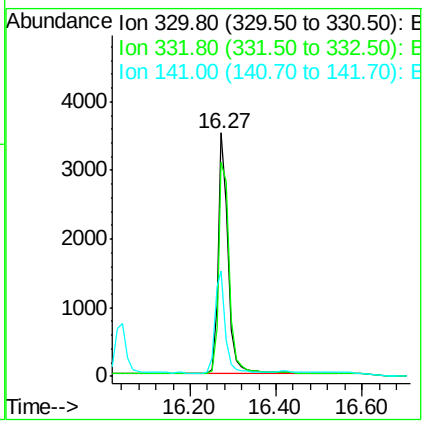


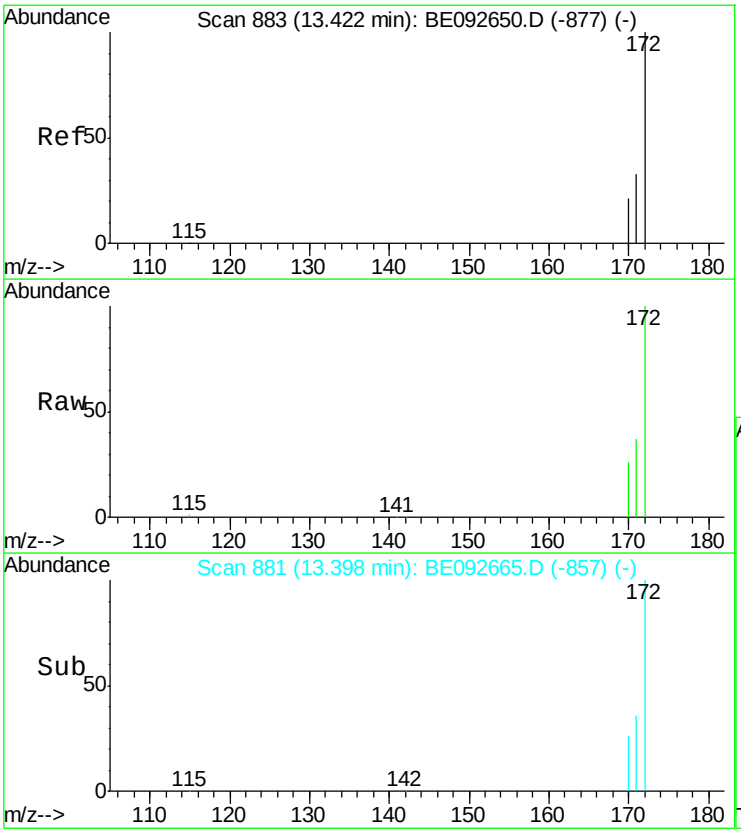
#13
2,4,6-Tribromophenol
Concen: 8.21 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:330 Resp: 5769

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	44.8	31.0	46.6

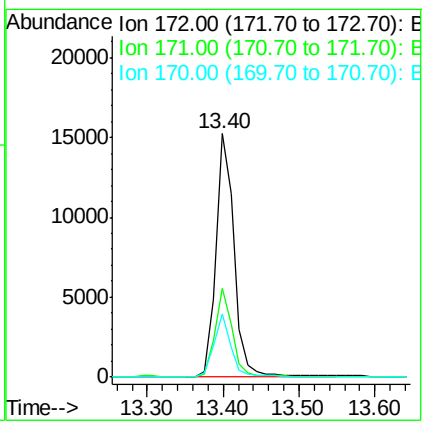


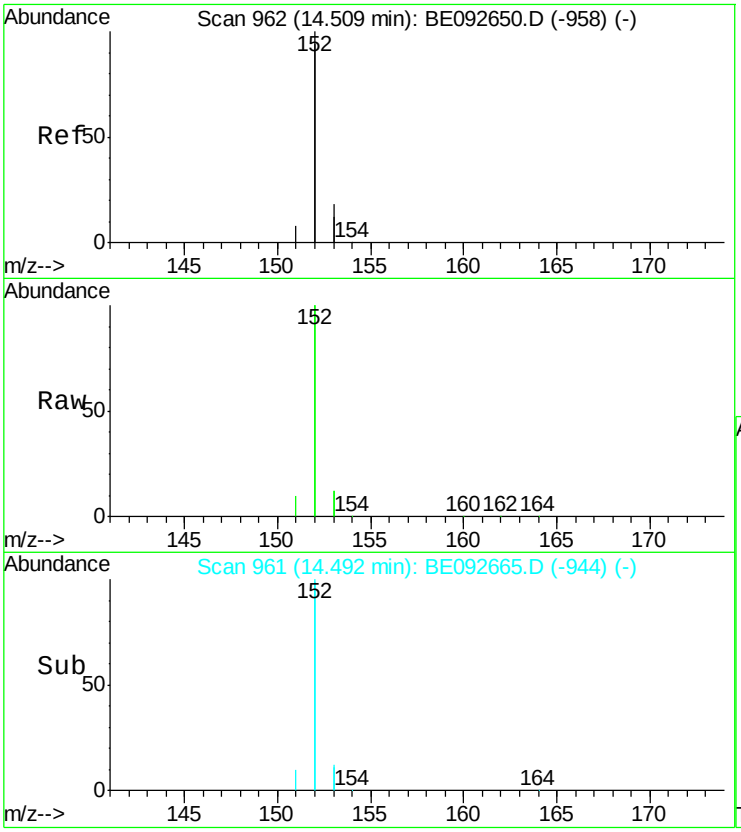


#14
2-Fluorobiphenyl
Concen: 4.29 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:172 Resp: 25099

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.1	45.1
170	25.8	21.8	32.6



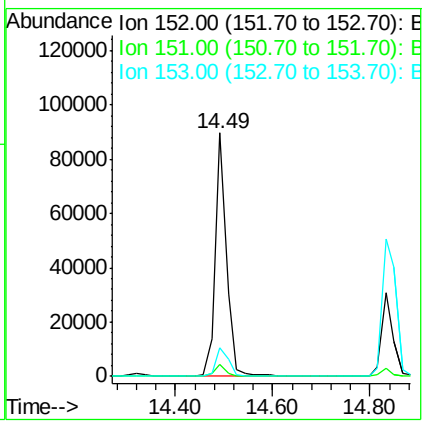


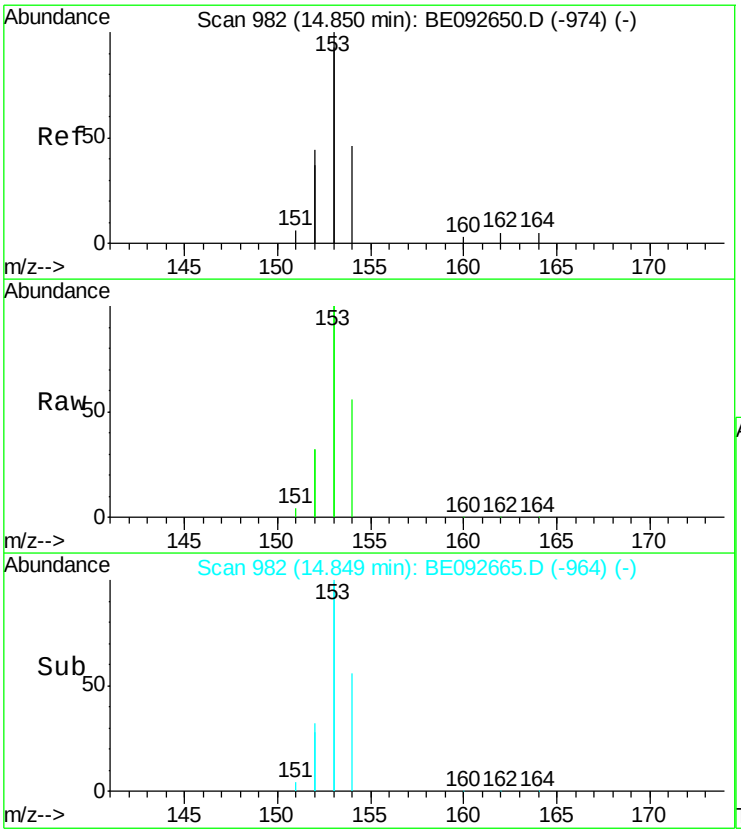
#15
Acenaphthylene
Concen: 4.32 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:152 Resp: 141457

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

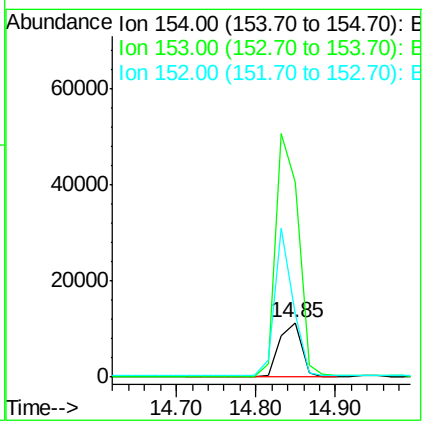


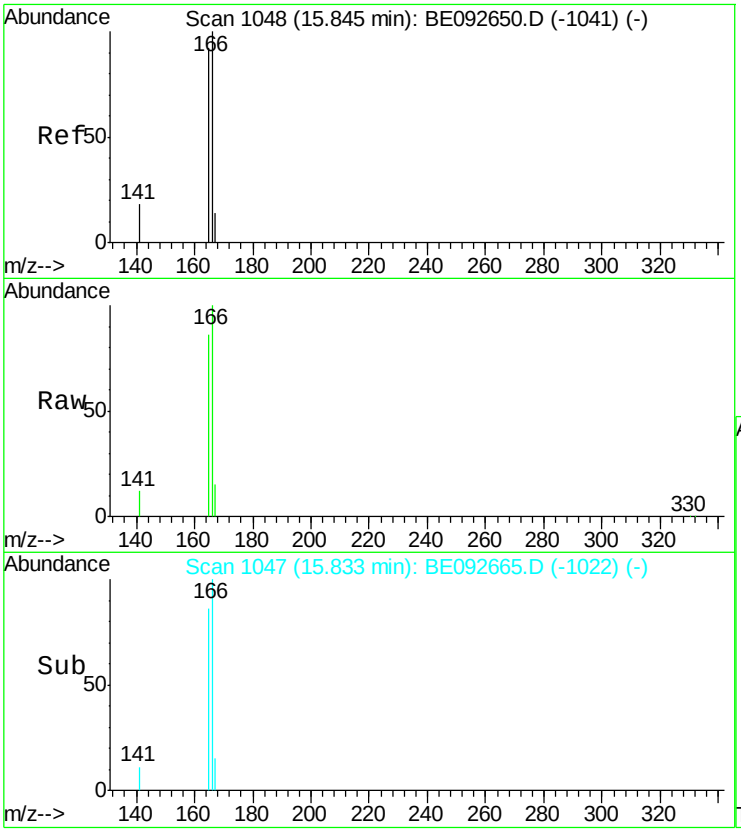


#16
Acenaphthene
Concen: 4.11 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:154 Resp: 21620

Ion	Ratio	Lower	Upper
154	100		
153	455.8	350.8	526.2
152	227.1	171.1	256.7



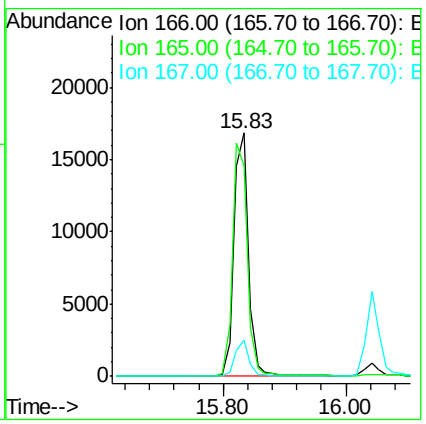


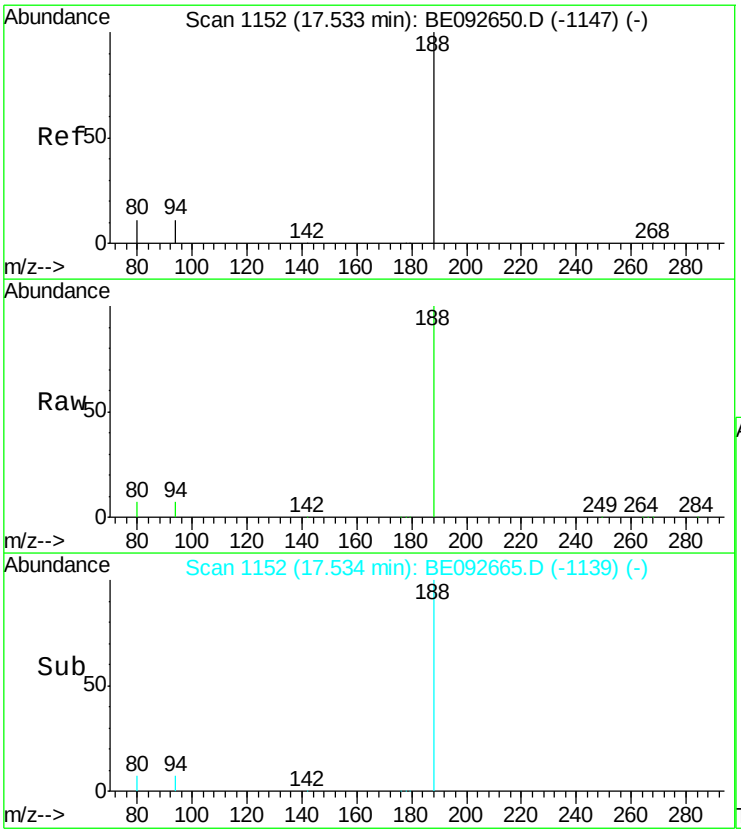
#17
Fluorene
Concen: 4.18 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:166 Resp: 27562

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	13.7	11.0	16.4

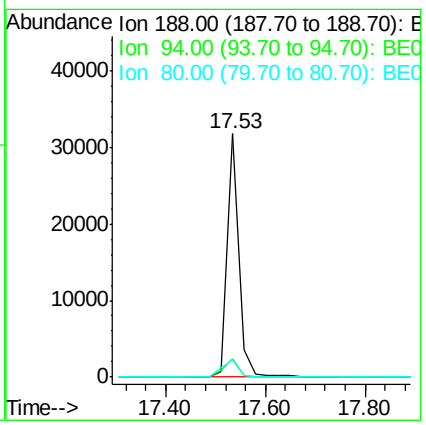


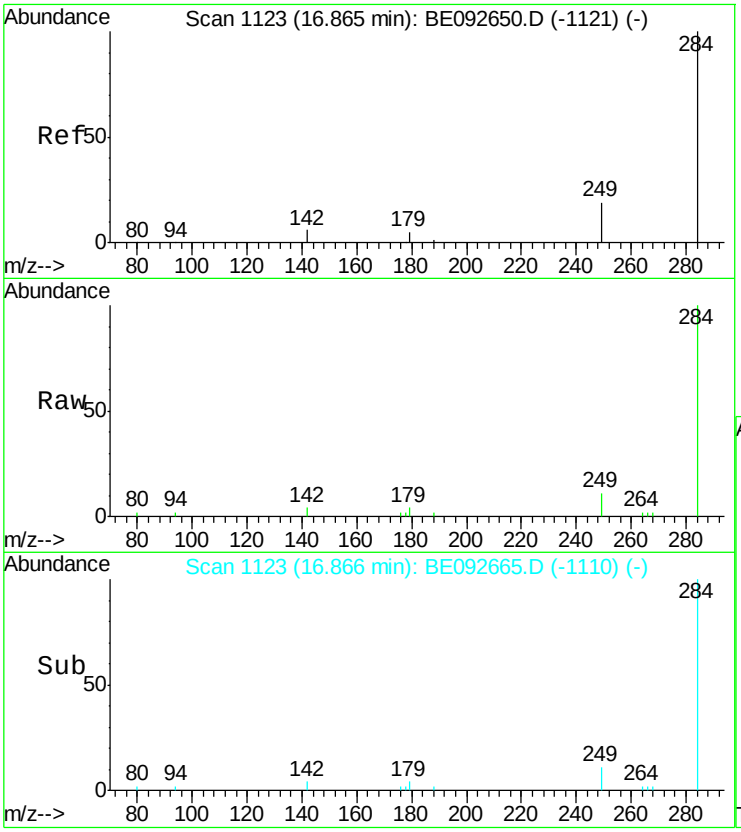


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:188 Resp: 50760

Ion	Ratio	Lower	Upper
188	100		
94	7.4	3.2	4.8#
80	6.9	2.6	3.8#



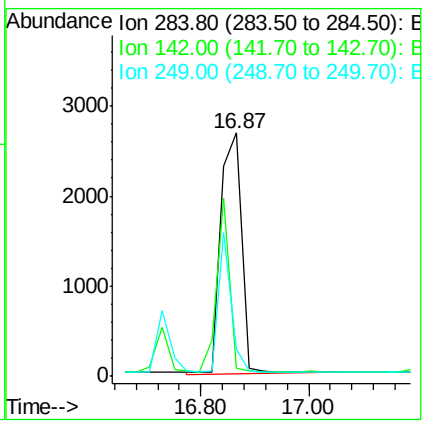


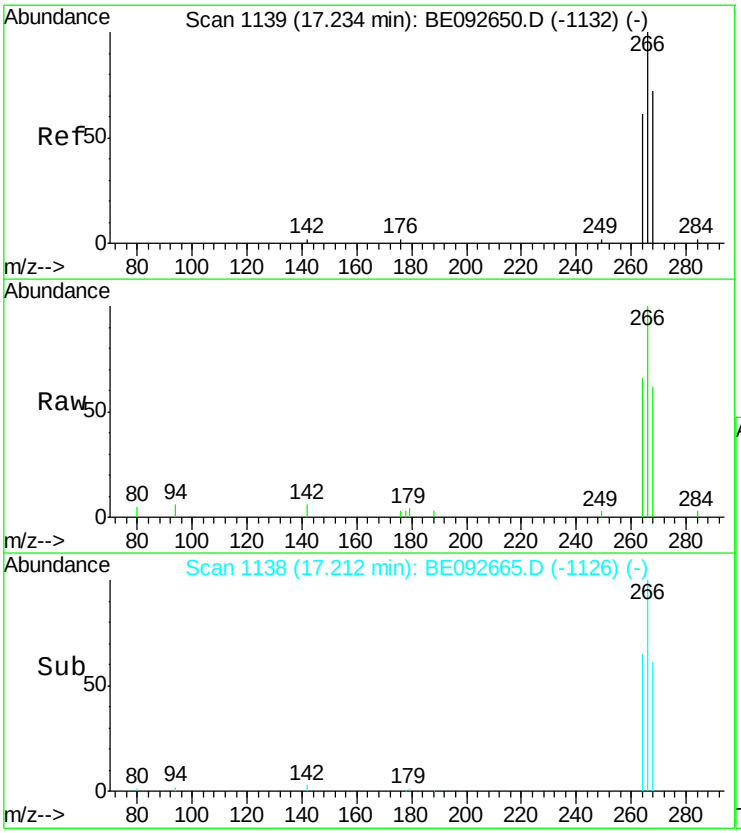
#19
Hexachlorobenzene
Concen: 4.33 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:284 Resp: 7192

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

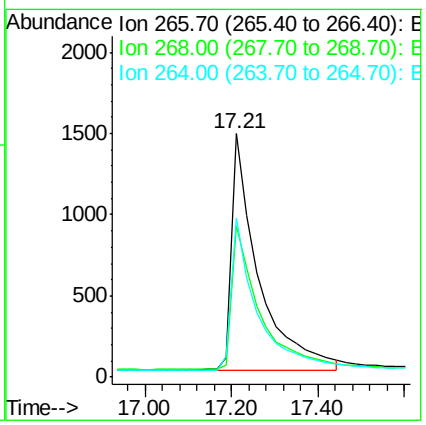


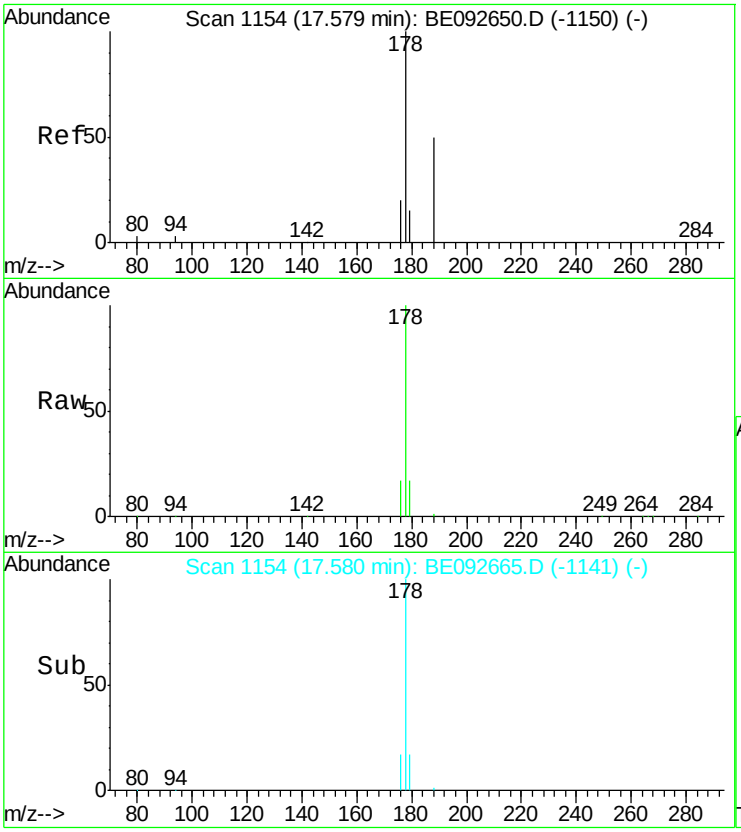


#20
Pentachlorophenol
Concen: 11.85 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:266 Resp: 6185

Ion	Ratio	Lower	Upper
266	100		
268	62.3	62.5	93.7#
264	65.5	57.2	85.8



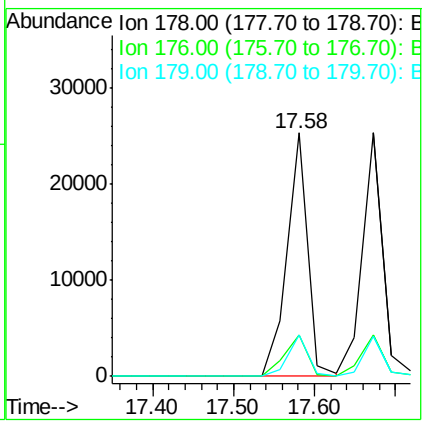


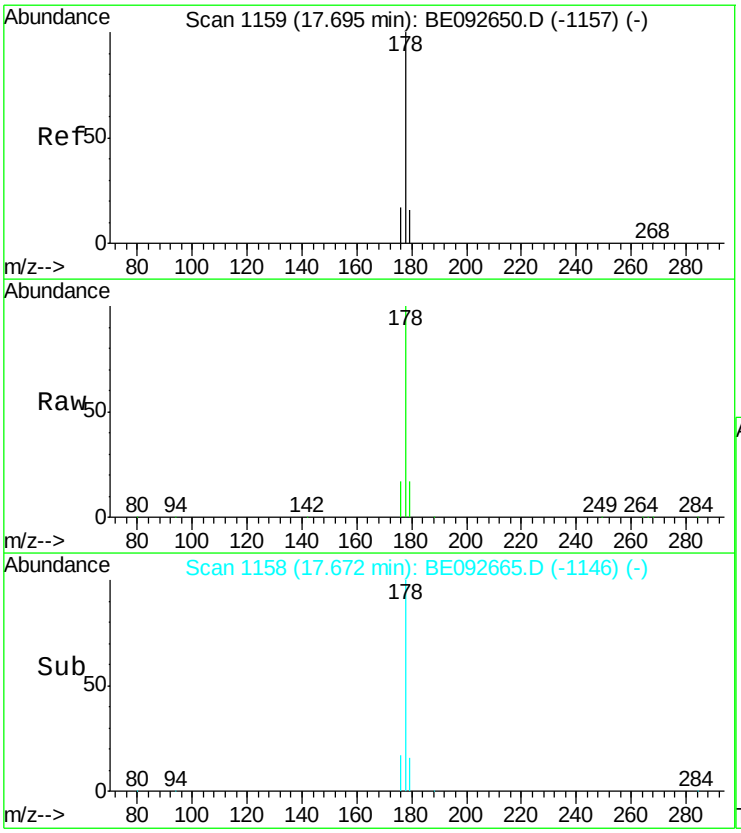
#21
Phenanthrene
Concen: 3.99 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:178 Resp: 44721

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.0	16.0	24.0

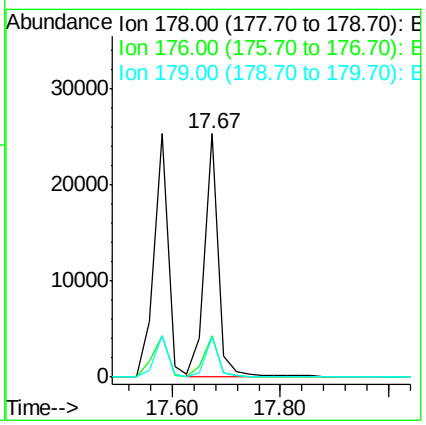


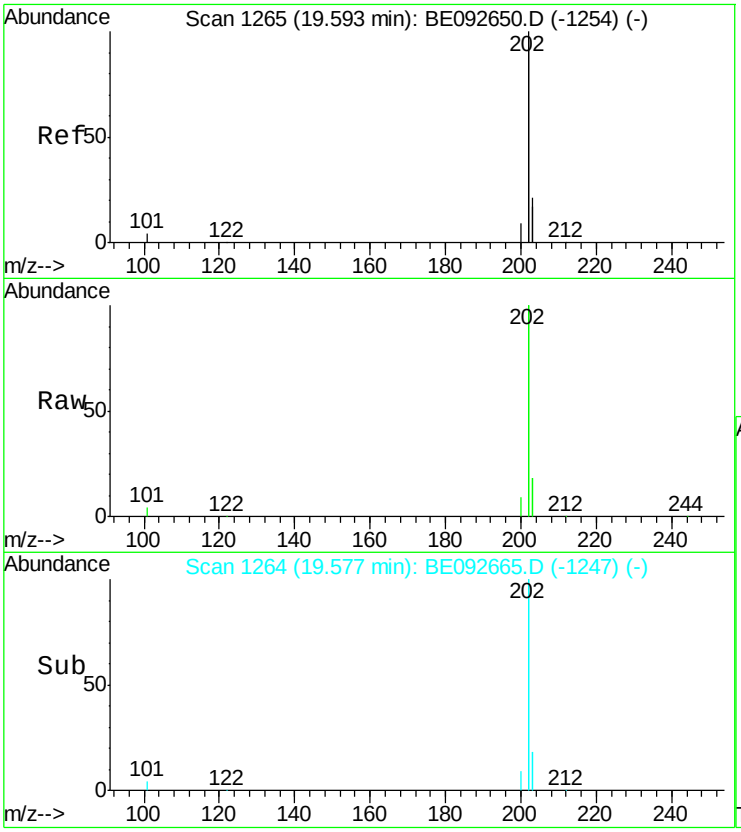


#22
Anthracene
Concen: 4.35 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:178 Resp: 44951

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



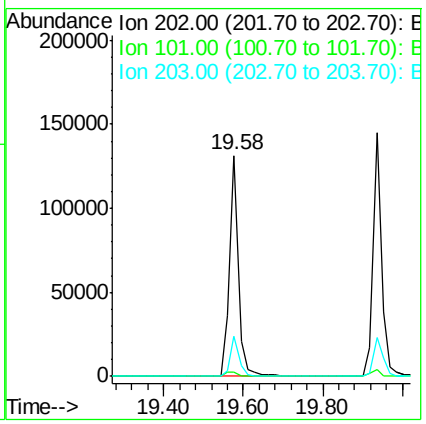


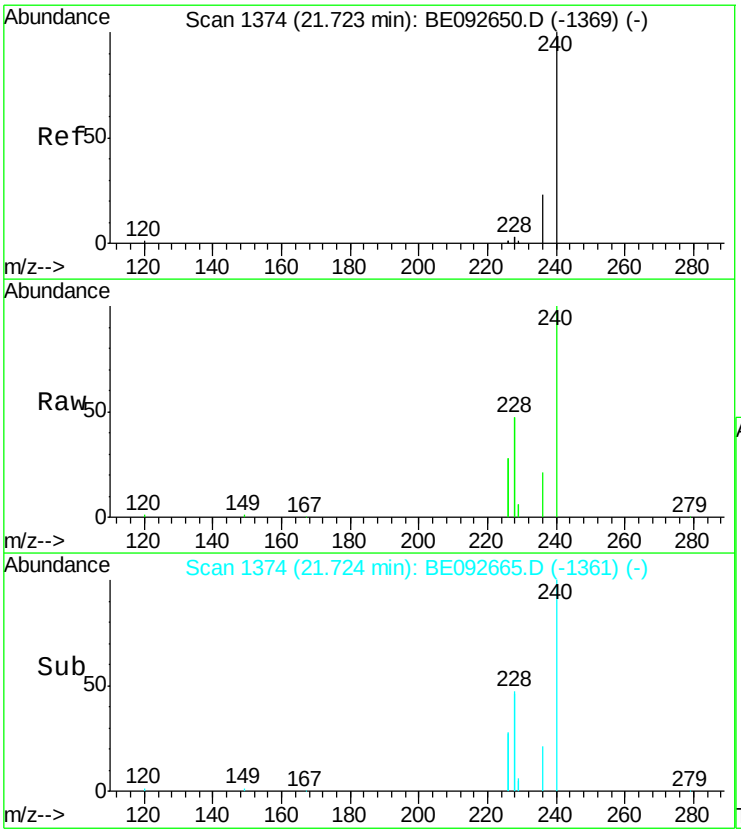
#23
Fluoranthene
Concen: 4.08 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:202 Resp: 202857

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.5	13.7	20.5

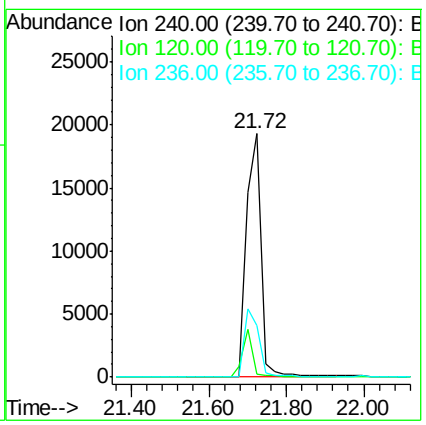


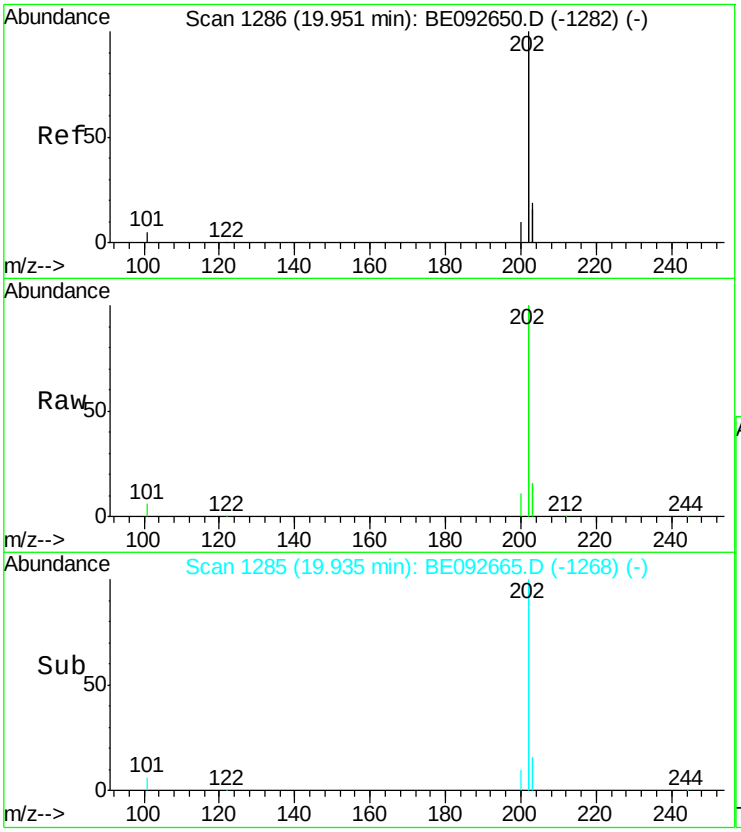


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:240 Resp: 48972

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	21.1	24.6	37.0#



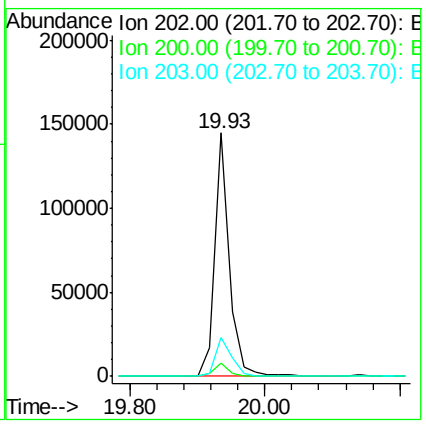


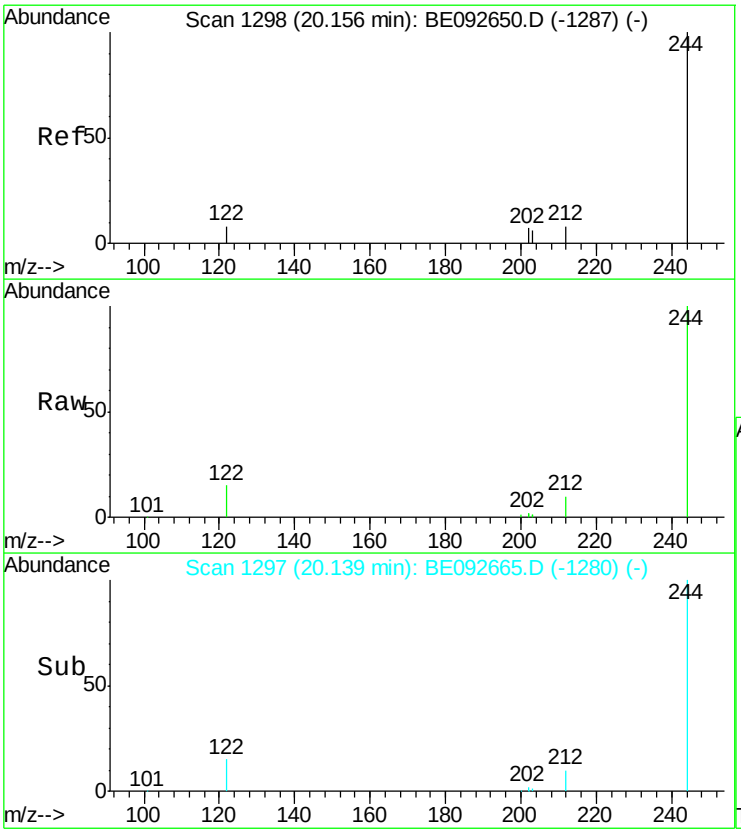
#25
Pyrene
Concen: 4.44 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:202 Resp: 214102

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.1	13.9	20.9

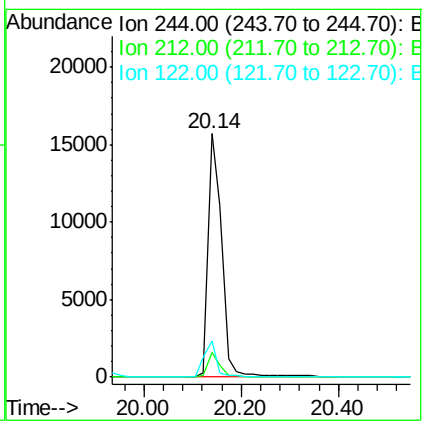


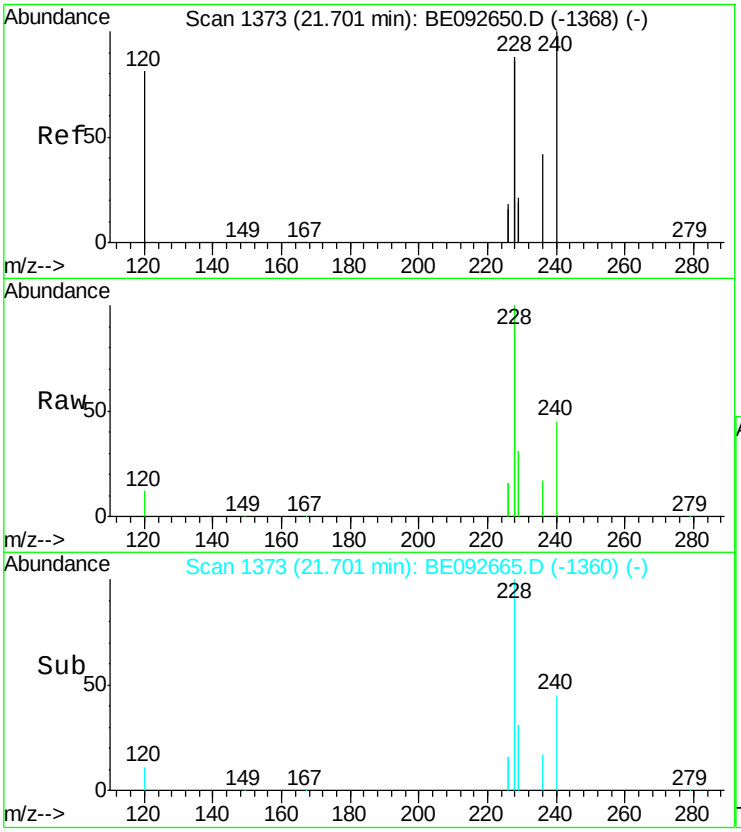


#26
Terphenyl-d14
Concen: 4.30 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:244 Resp: 29794

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	14.8	3.6	5.4#



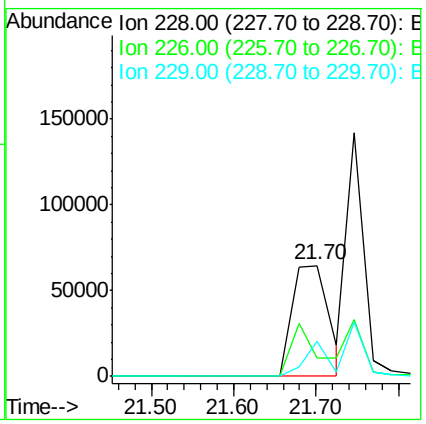


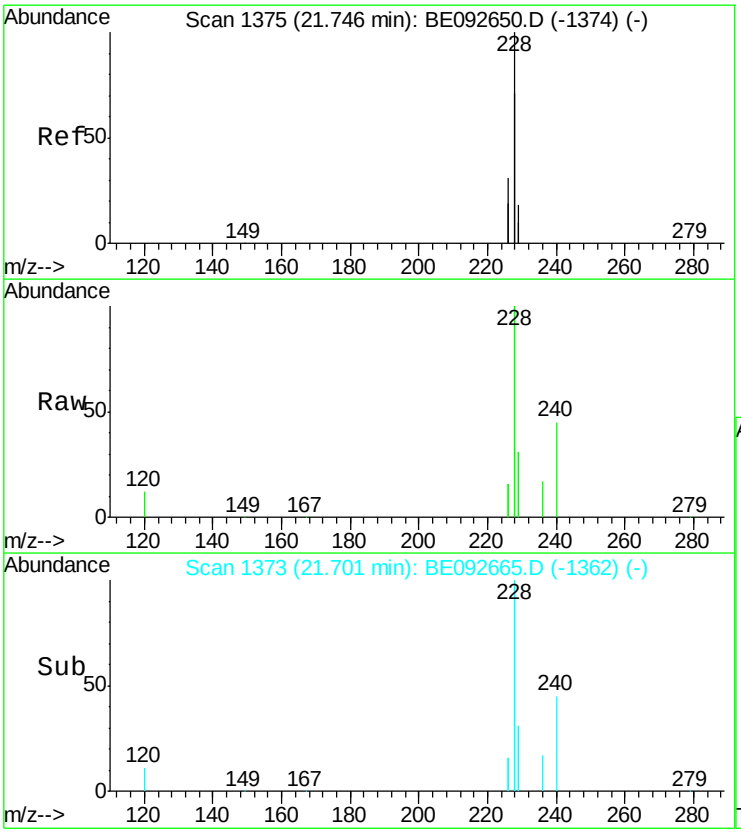
#27
Benzo(a)anthracene
Concen: 4.11 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:228 Resp: 198439

Ion	Ratio	Lower	Upper
228	100		
226	16.1	23.6	35.4#
229	31.1	13.3	19.9#

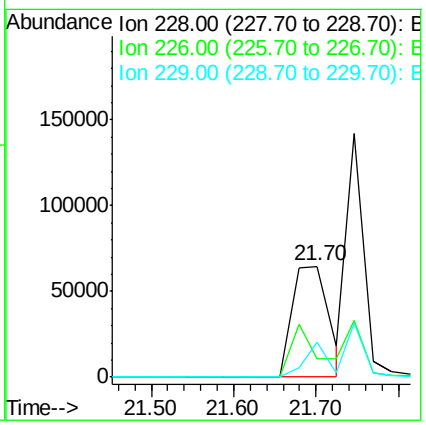


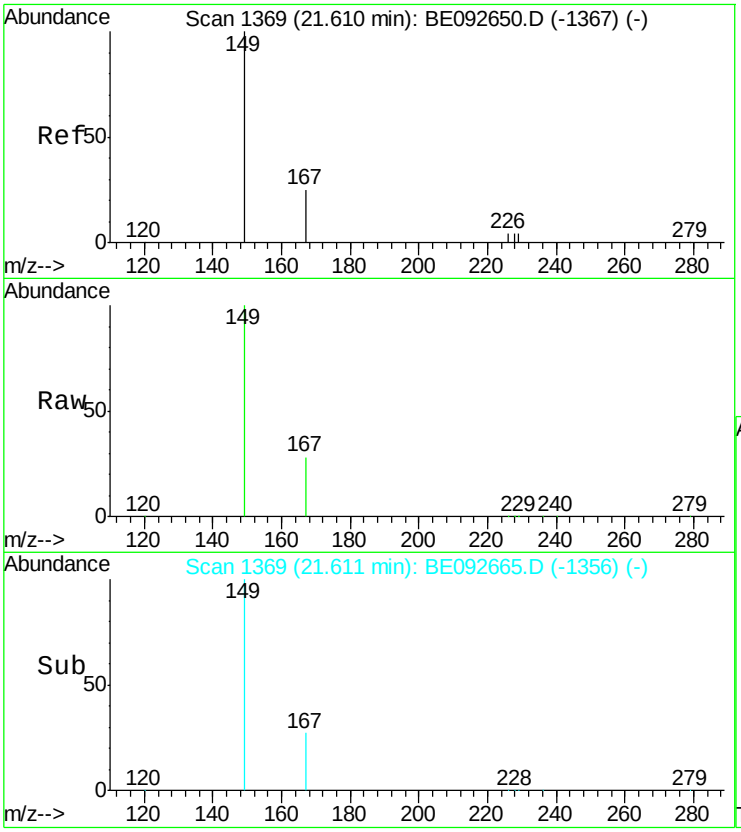


#28
Chrysene
Concen: 3.66 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:228 Resp: 198439

Ion	Ratio	Lower	Upper
228	100		
226	16.1	36.3	54.5#
229	31.1	10.6	16.0#



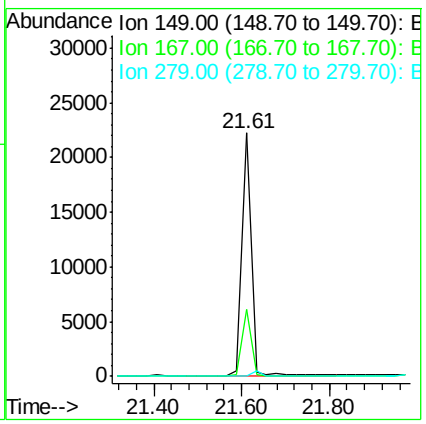


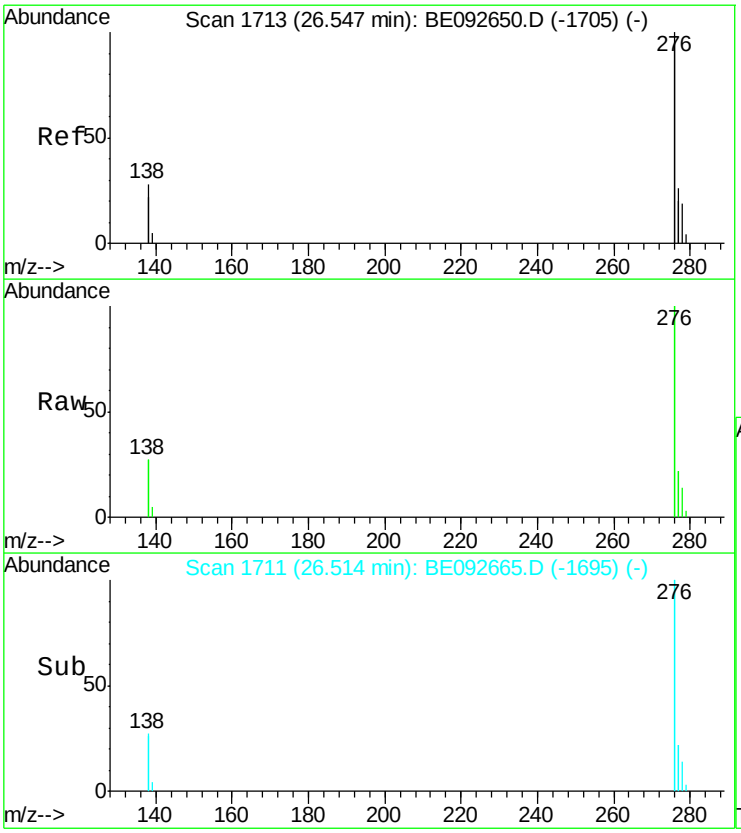
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.42 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:149 Resp: 31845

Ion	Ratio	Lower	Upper
149	100		
167	26.9	16.0	24.0#
279	0.0	16.0	24.0#

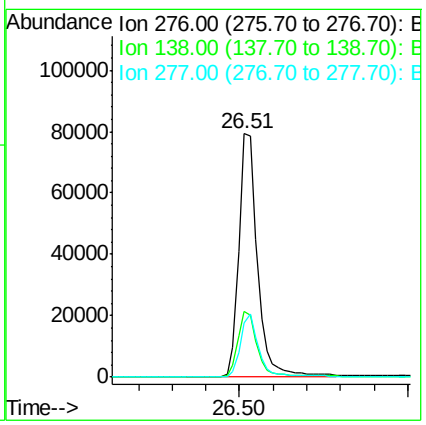


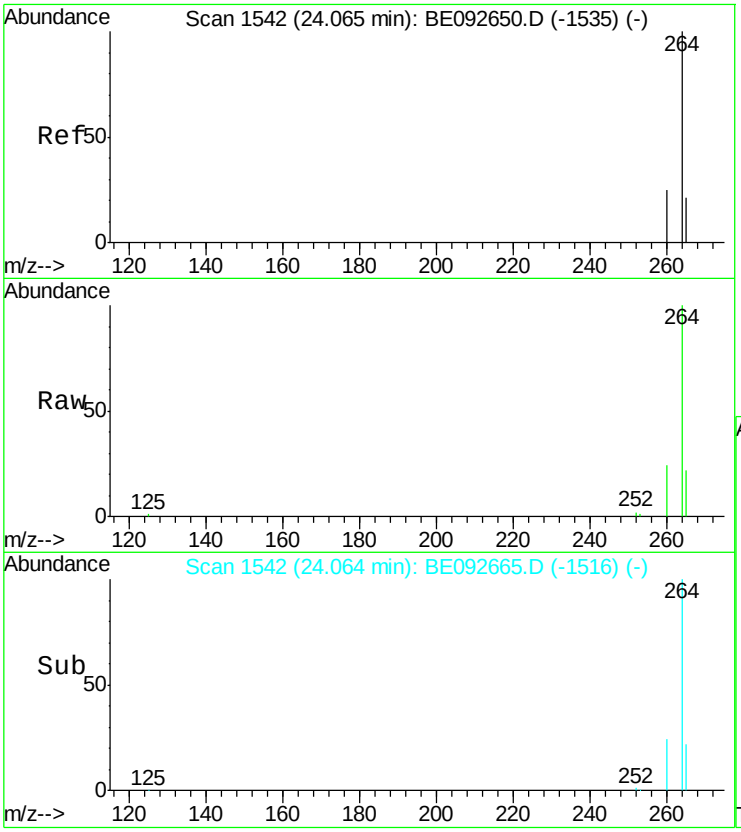


#30
Indeno(1,2,3-cd)pyrene
Concen: 5.20 ng
RT: 26.51 min Scan# 1711
Delta R.T. -0.03 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:276 Resp: 304941

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.6	19.7	29.5



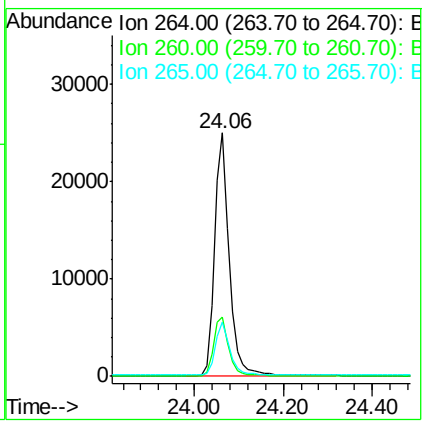


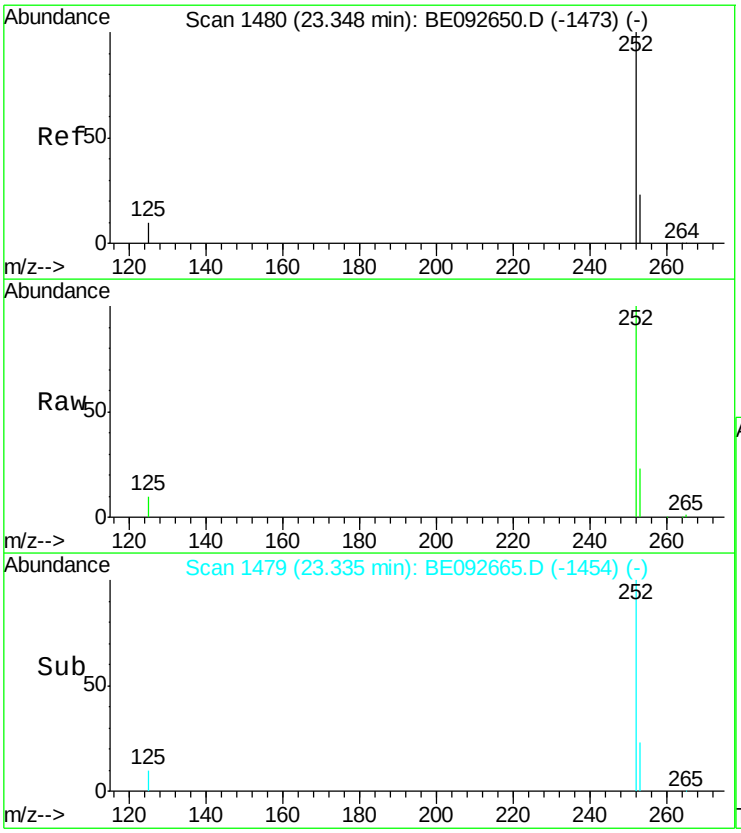
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:264 Resp: 57126

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.3	17.9	26.9

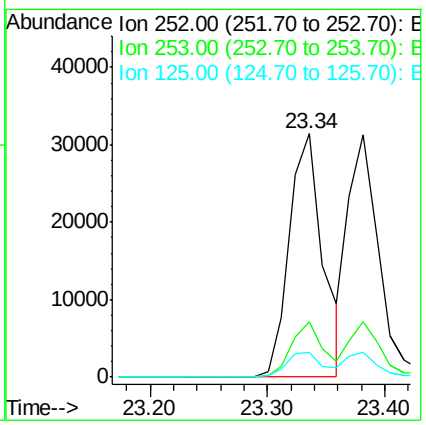


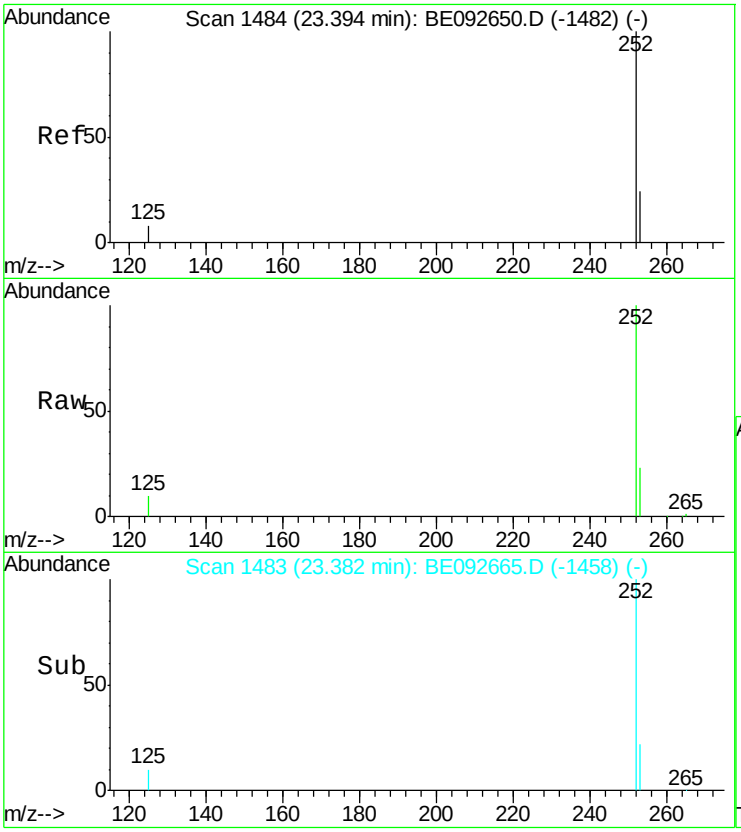


#32
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:252 Resp: 62223

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	10.0	10.5	15.7#



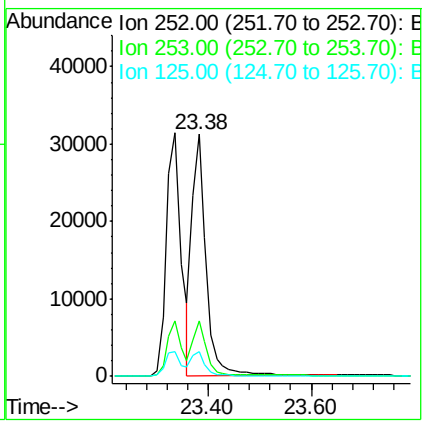


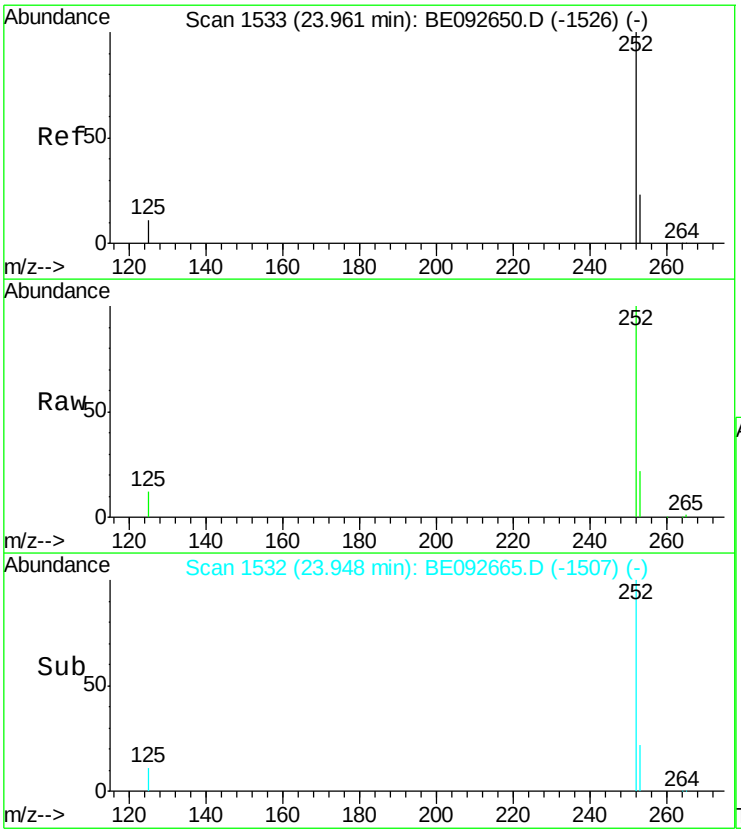
#33
Benzo(k)fluoranthene
Concen: 4.23 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:252 Resp: 58689

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.3	30.5
125	10.3	9.6	14.4

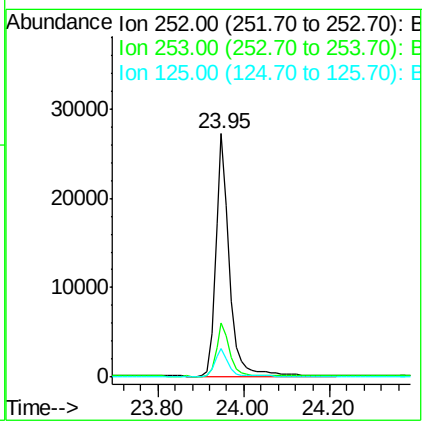


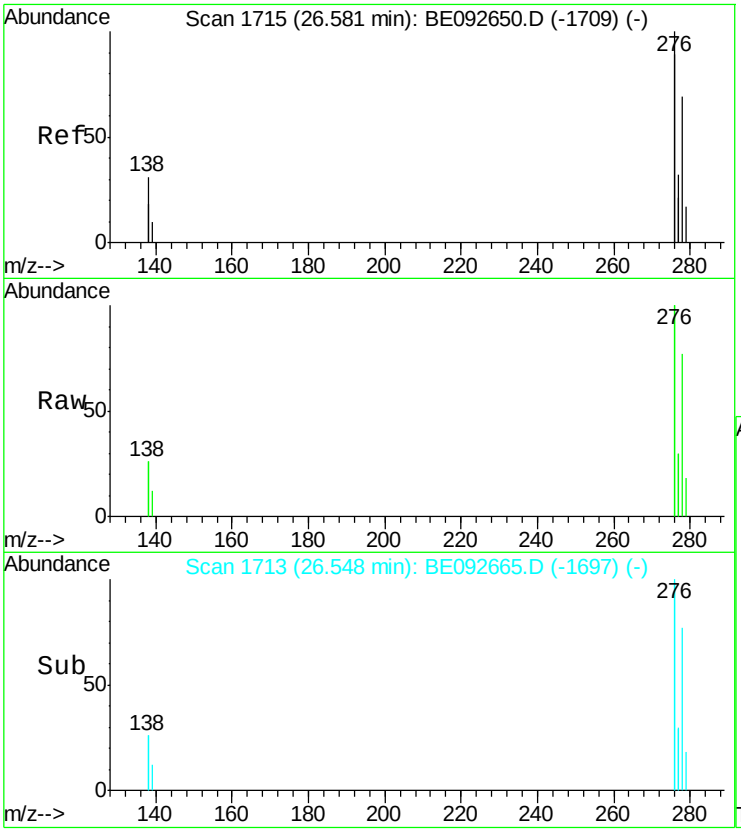


#34
Benzo(a)pyrene
Concen: 4.65 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:252 Resp: 60347

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	11.7	11.8	17.8#



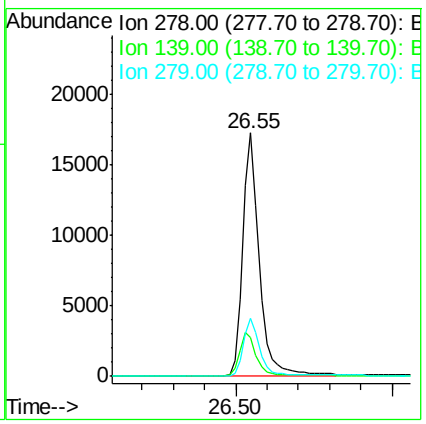


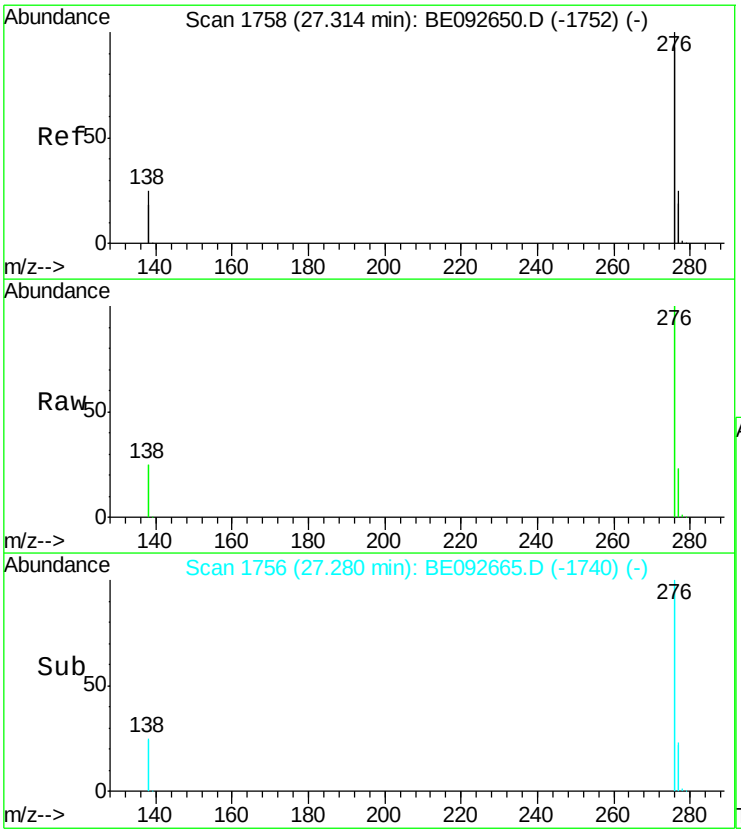
#35
Dibenzo(a,h)anthracene
Concen: 4.96 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Instrument :
BNA_E
ClientSampleId :
PB96128BSD

Tgt Ion:278 Resp: 62995

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	23.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.90 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092665.D
Acq: 19 Jan 2017 20:03

Tgt Ion:276 Resp: 262972

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	24.8	19.8	29.6