Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092653.D
Acq On : 16 Jan 2017 15:49
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 16 17:45:36 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	9966	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	47089	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	31968	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	73338	5.00	ng		0.00
24) Chrysene-d12	21.72	240	71830	5.00	ng		0.00
31) Perylene-d12	24.06	264	76577	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	7079	4.67	ng		-0.01
5) Phenol-d6	7.31	99	9268	4.27	ng		-0.02
8) Nitrobenzene-d5	9.29	82	10234	3.88	ng		-0.05
13) 2,4,6-Tribromophenol	16.27	330	2859	3.96	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	24545	3.21	ng		-0.02
26) Terphenyl-d14	20.14	244	33166	3.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	4345	2.97	ng		94
3) n-Nitrosodimethylamine	3.73	42	5935	4.86	ng		92
6) bis(2-Chloroethyl)ether	7.54	93	9586	4.25	ng	#	84
9) Naphthalene	10.95	128	30122	3.12	ng	#	96
10) Hexachlorobutadiene	11.24	225	4467	3.05	ng		100
11) 2-Methylnaphthalene	12.59	142	19860	3.23	ng		93
15) Acenaphthylene	14.49	152	143312	3.25	ng		100
16) Acenaphthene	14.85	154	21662	2.98	ng		92
17) Fluorene	15.83	166	28383	3.18	ng		99
19) Hexachlorobenzene	16.87	284	9362	2.99	ng	#	39
20) Pentachlorophenol	17.21	266	2829	5.31	ng	#	86
21) Phenanthrene	17.58	178	48444	2.62	ng		95
22) Anthracene	17.67	178	47898	2.83	ng		99
23) Fluoranthene	19.58	202	218098	2.73	ng		99
25) Pyrene	19.93	202	234359	3.70	ng		100
27) Benzo(a)anthracene	21.75	228	478561	7.42	ng	#	89
28) Chrysene	21.75	228	479860	6.42	ng	#	69
29) Bis(2-ethylhexyl)phthalate	21.61	149	40600	5.81	ng	#	71
30) Indeno(1,2,3-cd)pyrene	26.53	276	271452	4.02	ng		98
32) Benzo(b)fluoranthene	23.34	252	61881	3.51	ng	#	97
33) Benzo(k)fluoranthene	23.38	252	59724	3.04	ng		95
34) Benzo(a)pyrene	23.95	252	58157	3.42	ng	#	95
35) Dibenzo(a,h)anthracene	26.55	278	55866	3.46	ng		96
36) Benzo(g,h,i)perylene	27.28	276	229470	3.32	ng		97

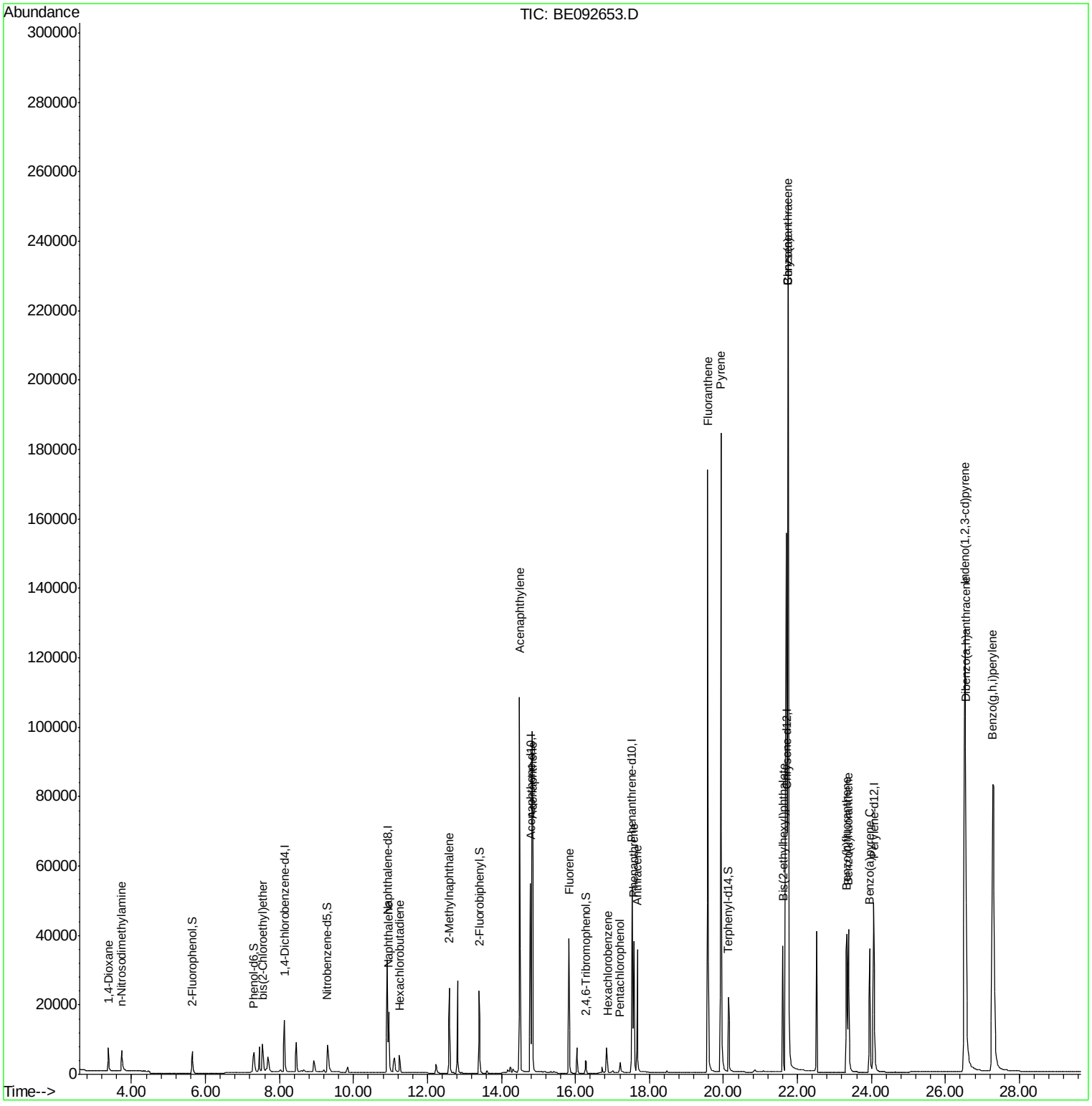
(#) = qualifier out of range (m) = manual integration (+) = signals summed

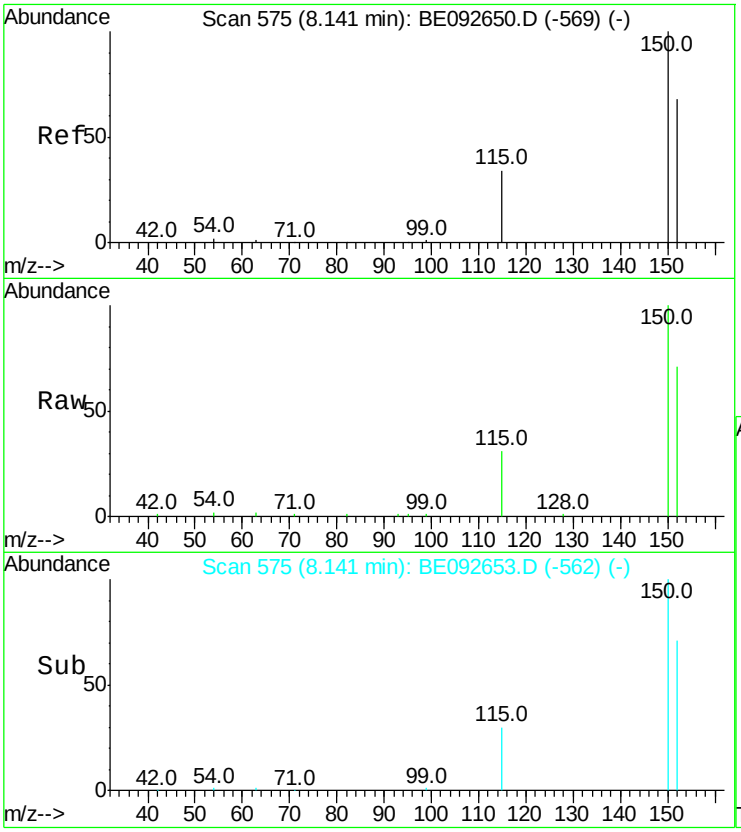
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092653.D
Acq On : 16 Jan 2017 15:49
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 17:45:36 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



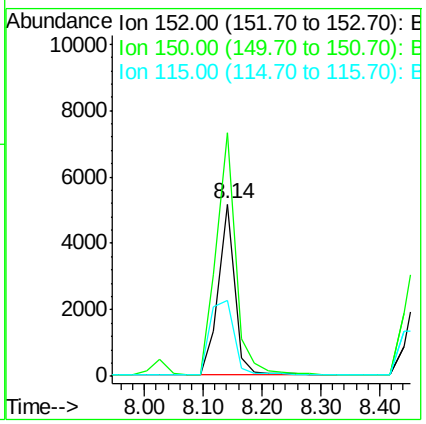


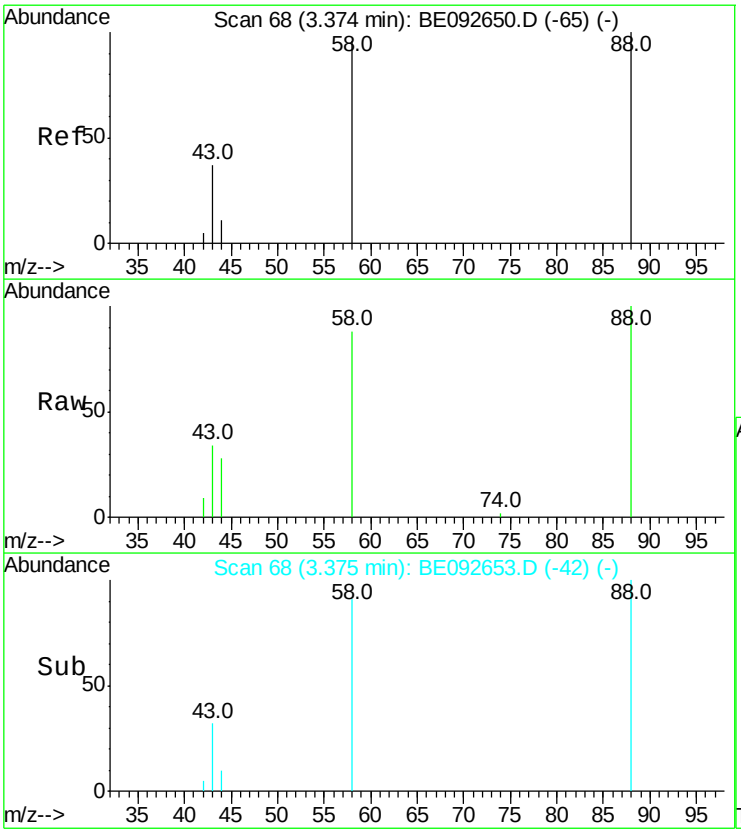
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9966

Ion	Ratio	Lower	Upper
152	100		
150	141.2	106.0	159.0
115	43.8	31.2	46.8

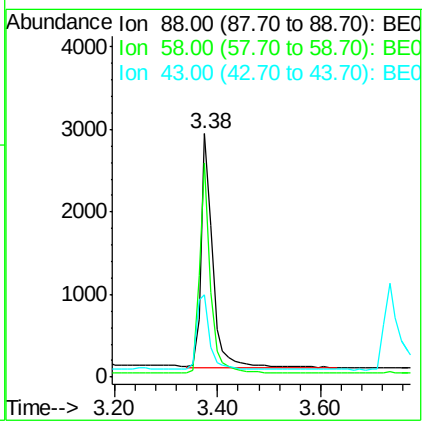


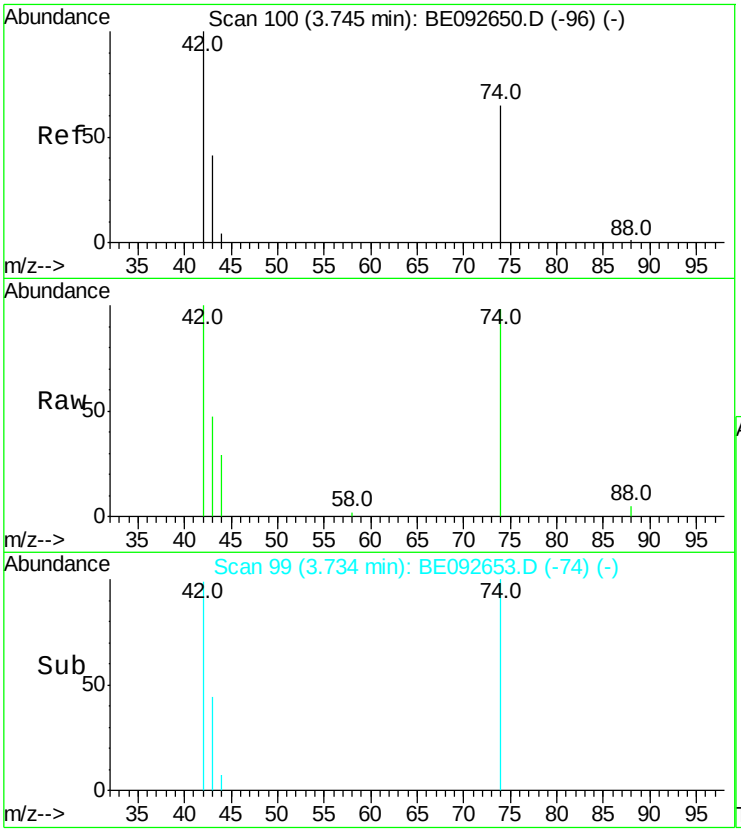


#2
1,4-Dioxane
Concen: 2.97 ng
RT: 3.38 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion: 88 Resp: 4345

Ion	Ratio	Lower	Upper
88	100		
58	86.3	63.6	95.4
43	36.8	28.0	42.0

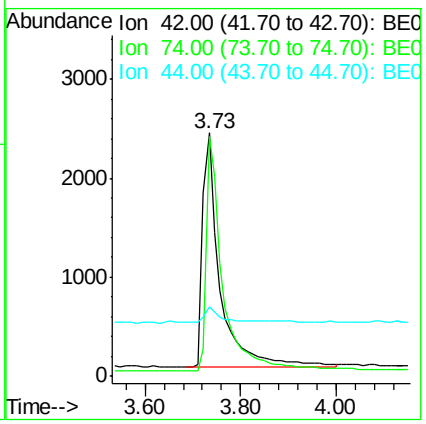




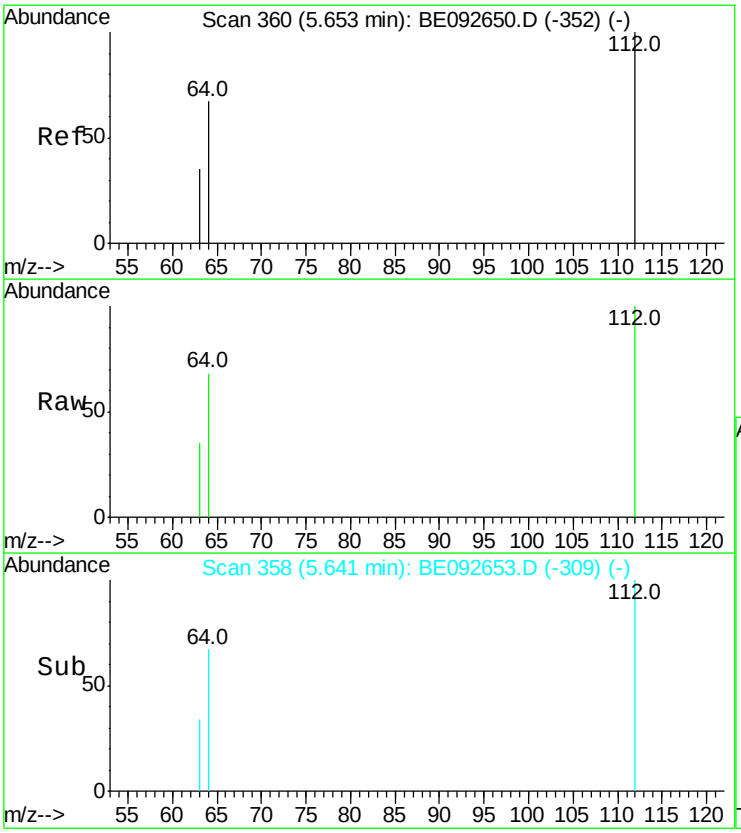
#3
n-Nitrosodimethylamine
Concen: 4.86 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion: 42 Resp: 5935

Ion	Ratio	Lower	Upper
42	100		
74	98.6	86.0	129.0
44	6.3	5.1	7.7



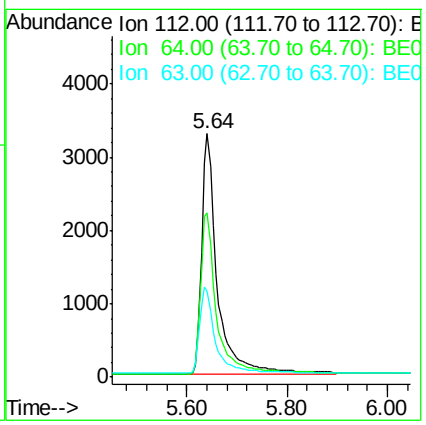
Instrument :
BNA_E
ClientSampleId :

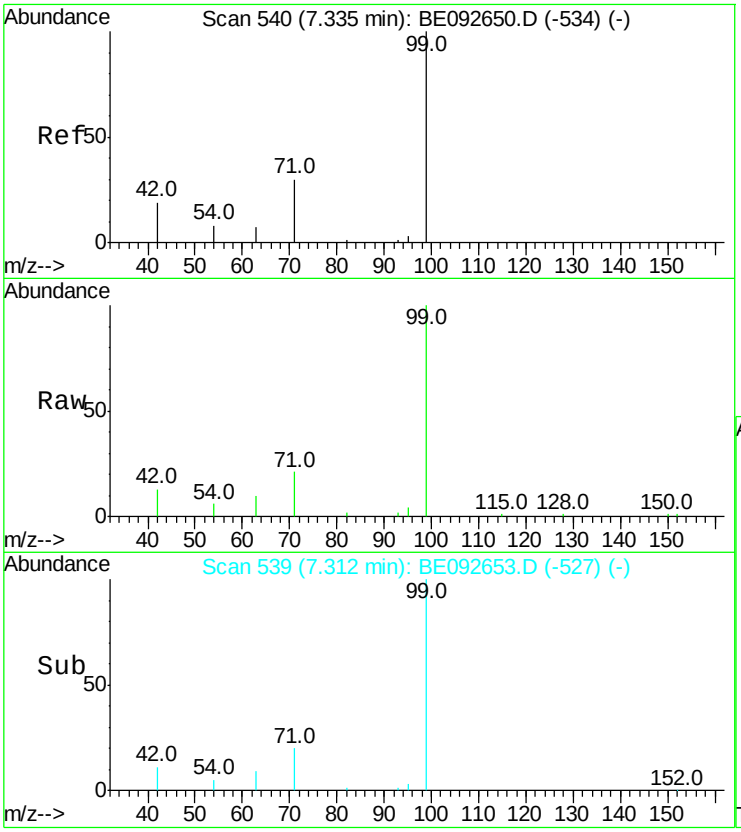


#4
2-Fluorophenol
Concen: 4.67 ng
RT: 5.64 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:112 Resp: 7079

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.5	80.3
63	36.6	27.9	41.9



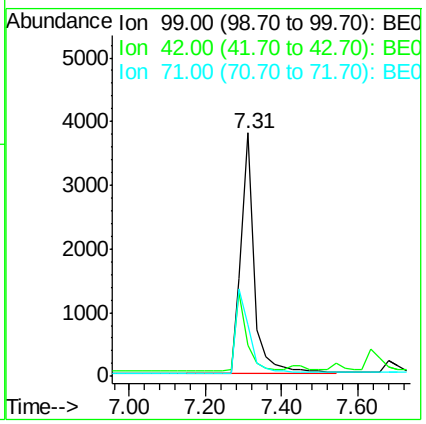


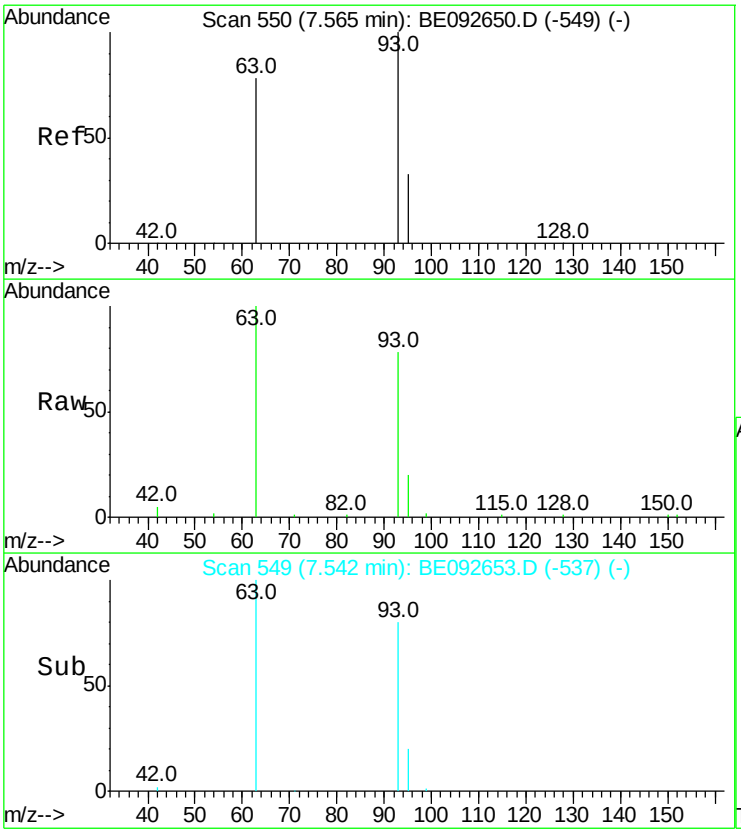
#5
Phenol-d6
Concen: 4.27 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9268

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

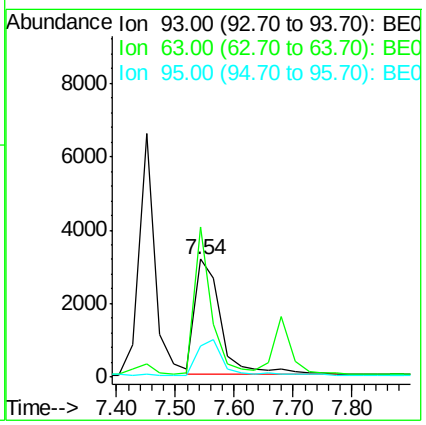


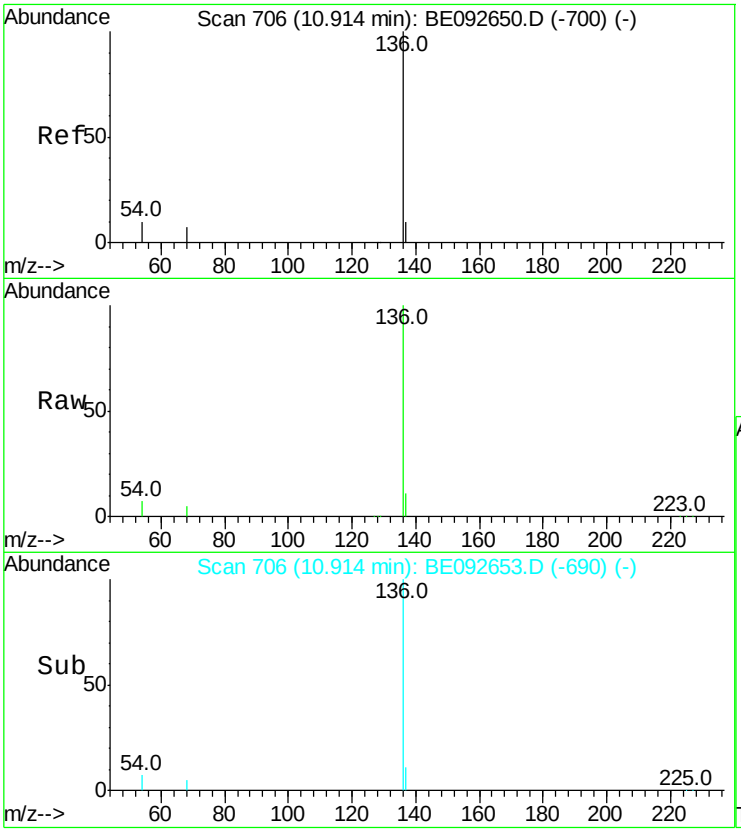


#6
bis(2-Chloroethyl)ether
Concen: 4.25 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion: 93 Resp: 9586

Ion	Ratio	Lower	Upper
93	100		
63	86.4	71.6	107.4
95	0.0	24.0	36.0#



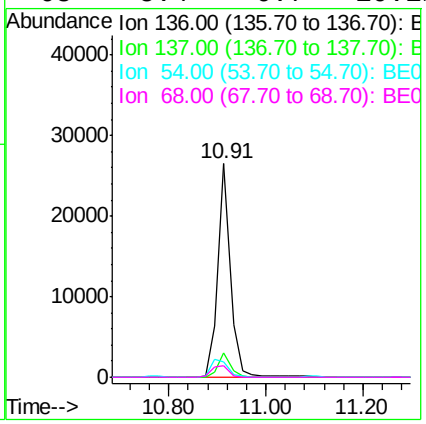


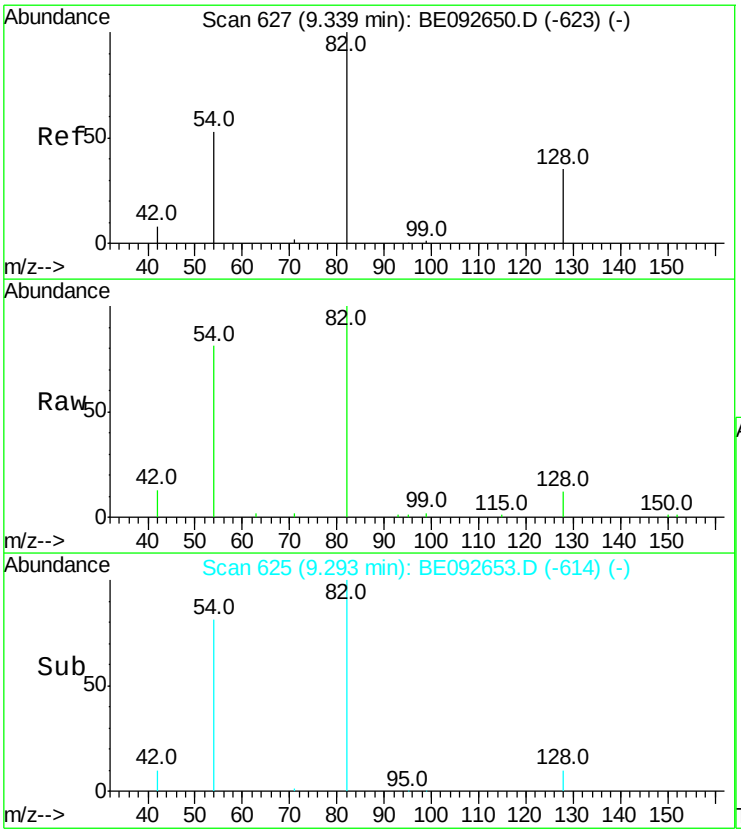
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 47089

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.3	9.6	14.4#
68	5.4	6.7	10.1#

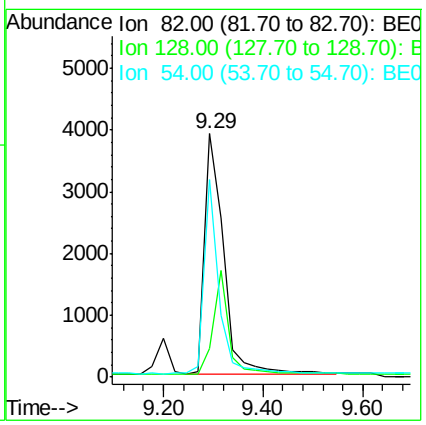


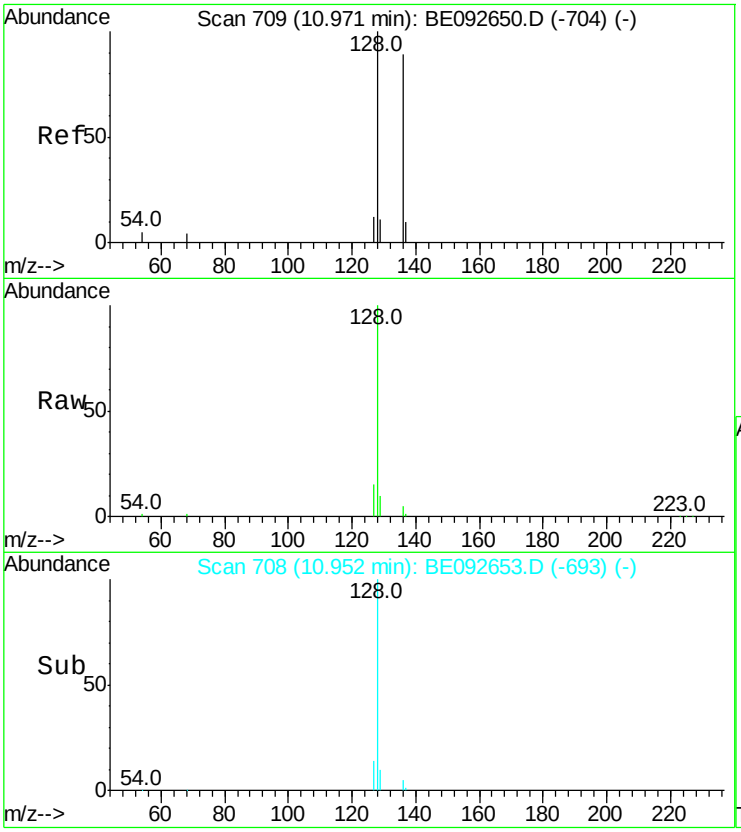


#8
Nitrobenzene-d5
Concen: 3.88 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.05 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion: 82 Resp: 10234

Ion	Ratio	Lower	Upper
82	100		
128	11.6	39.0	58.4#
54	81.1	44.8	67.2#



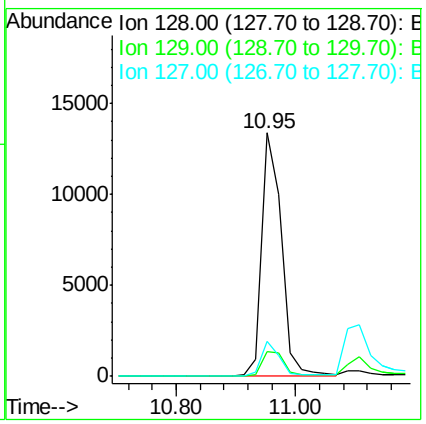


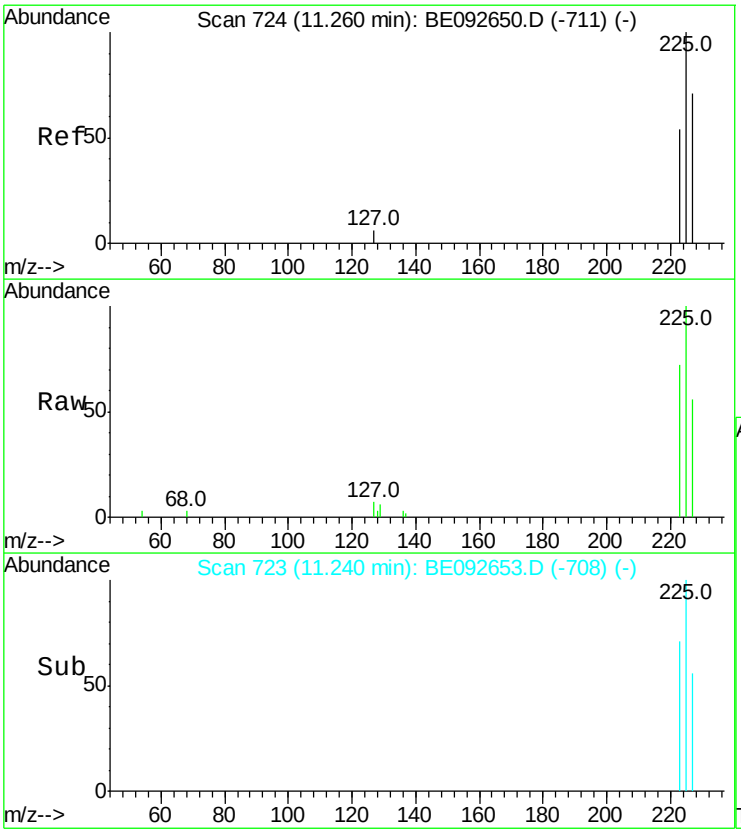
#9
Naphthalene
Concen: 3.12 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 30122

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.2	16.8#
127	14.6	11.6	17.4

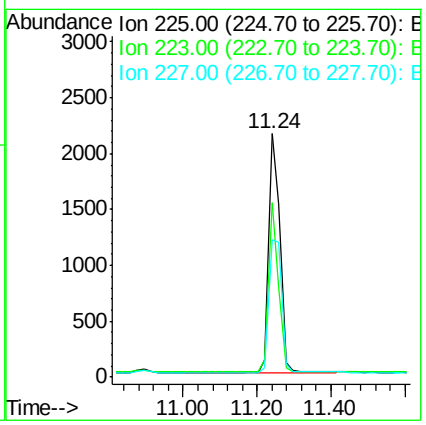


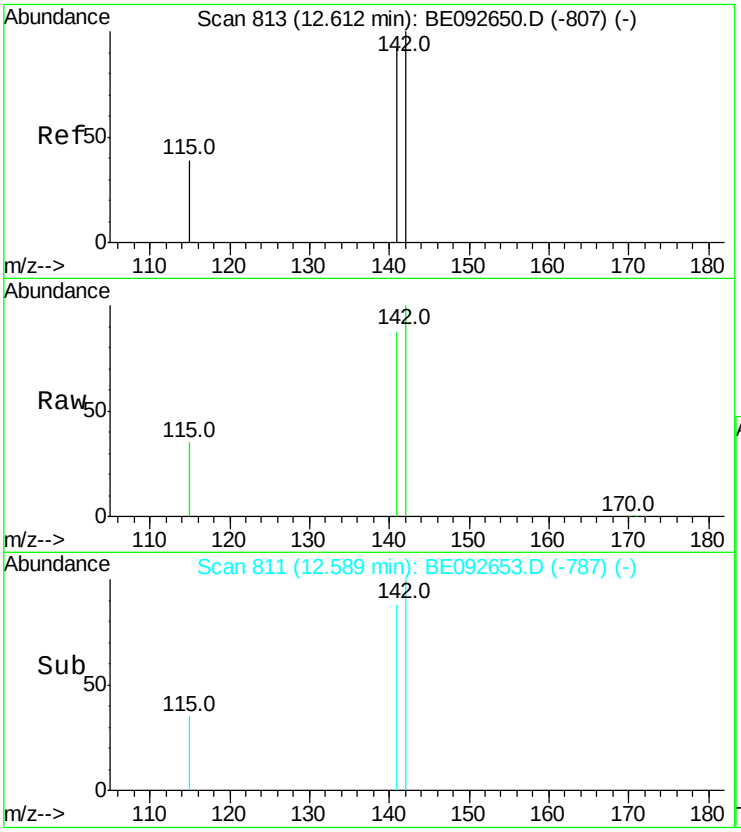


#10
Hexachlorobutadiene
Concen: 3.05 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:225 Resp: 4467

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.2	51.4	77.0



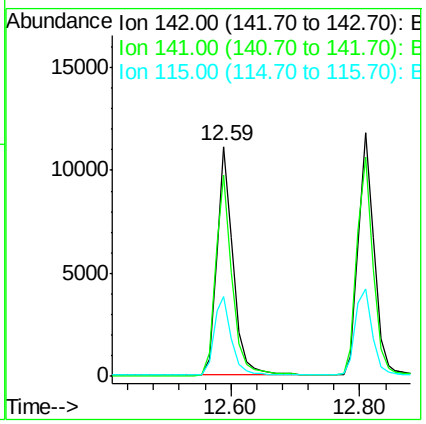


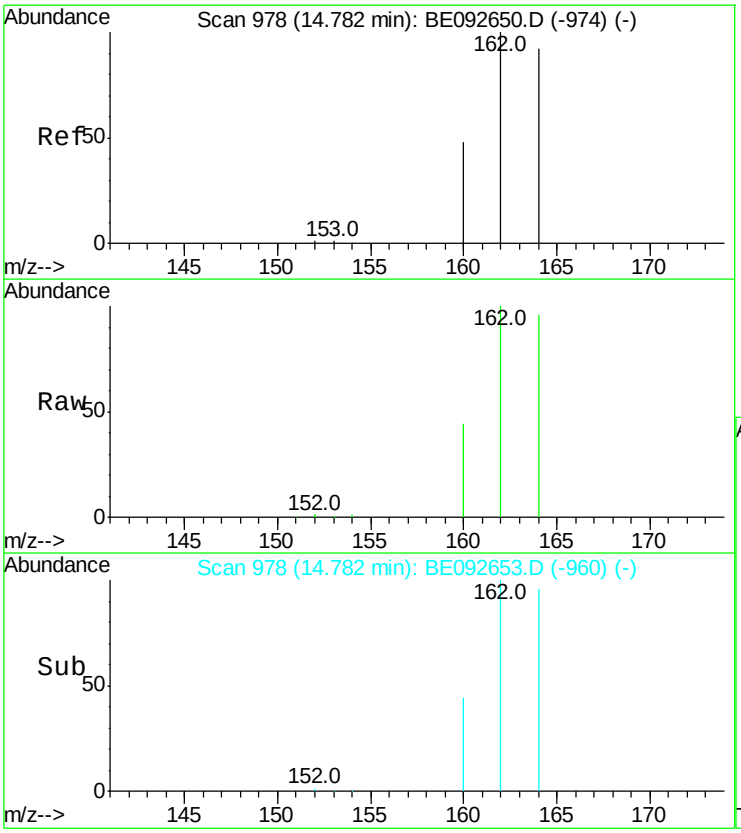
#11
2-Methylnaphthalene
Concen: 3.23 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 19860

Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.7	110.5
115	34.6	34.0	51.0

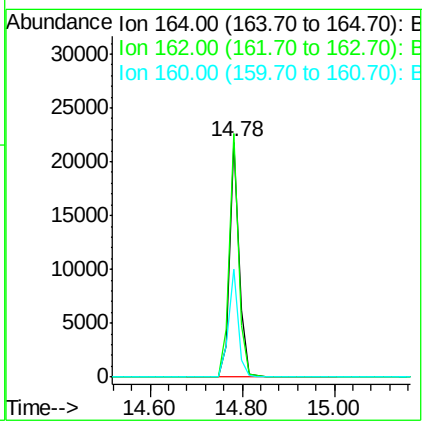


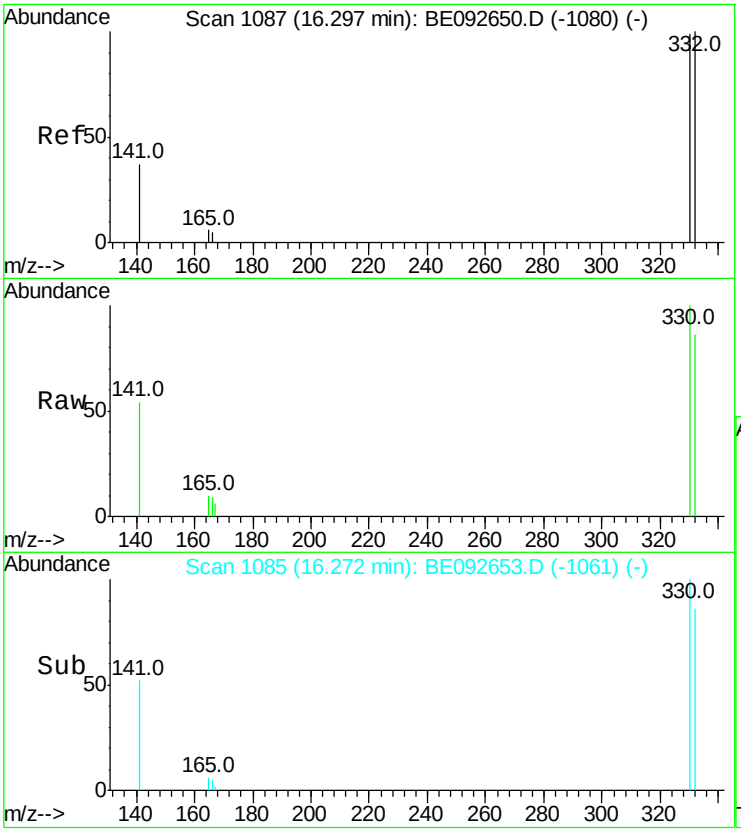


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:164 Resp: 31968

Ion	Ratio	Lower	Upper
164	100		
162	103.7	71.4	107.0
160	45.8	27.4	41.2#



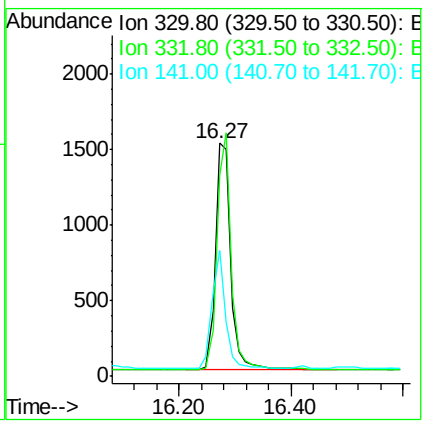


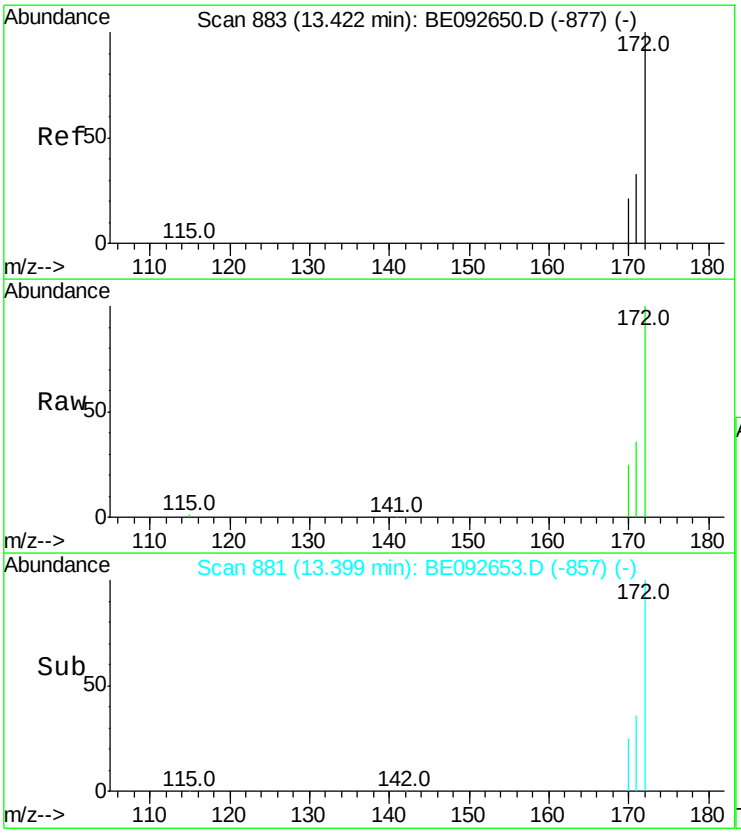
#13
2,4,6-Tribromophenol
Concen: 3.96 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2859

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	45.1	31.0	46.6

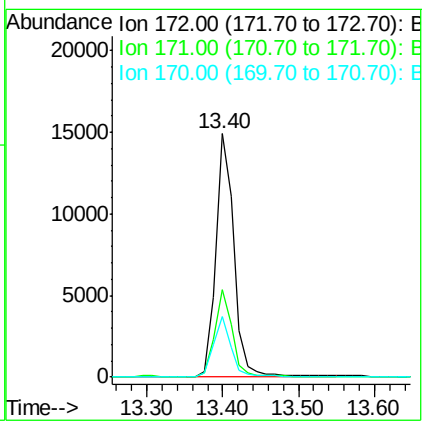


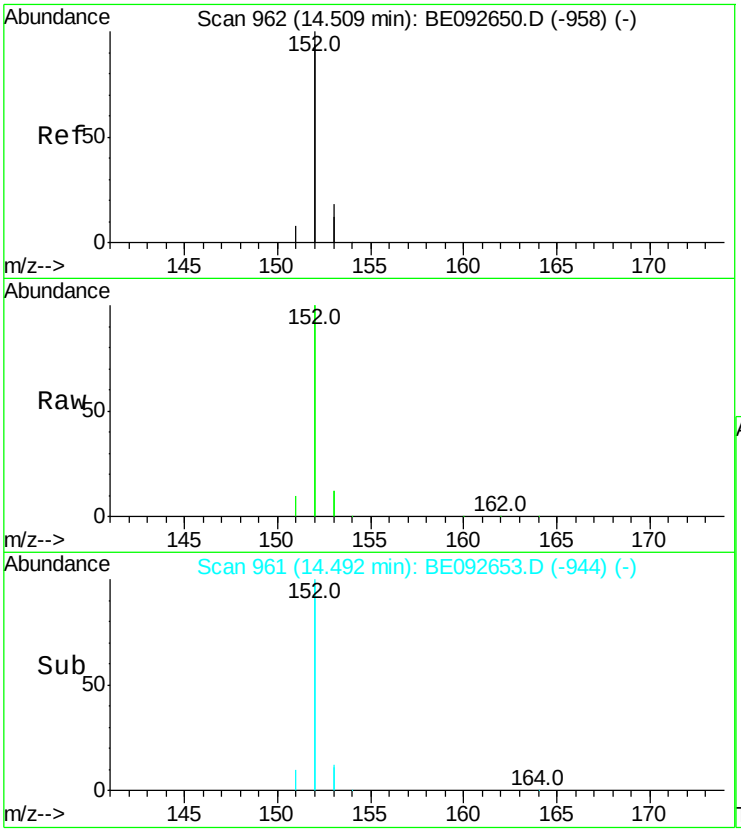


#14
2-Fluorobiphenyl
Concen: 3.21 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:172 Resp: 24545

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.1	45.1
170	24.8	21.8	32.6



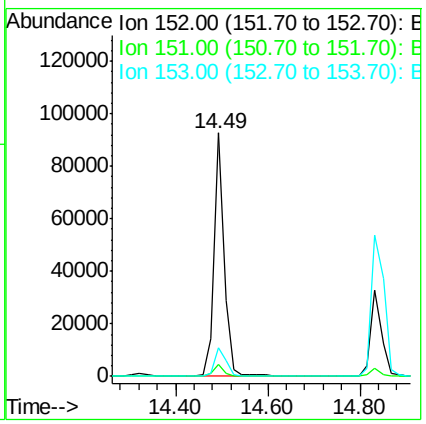


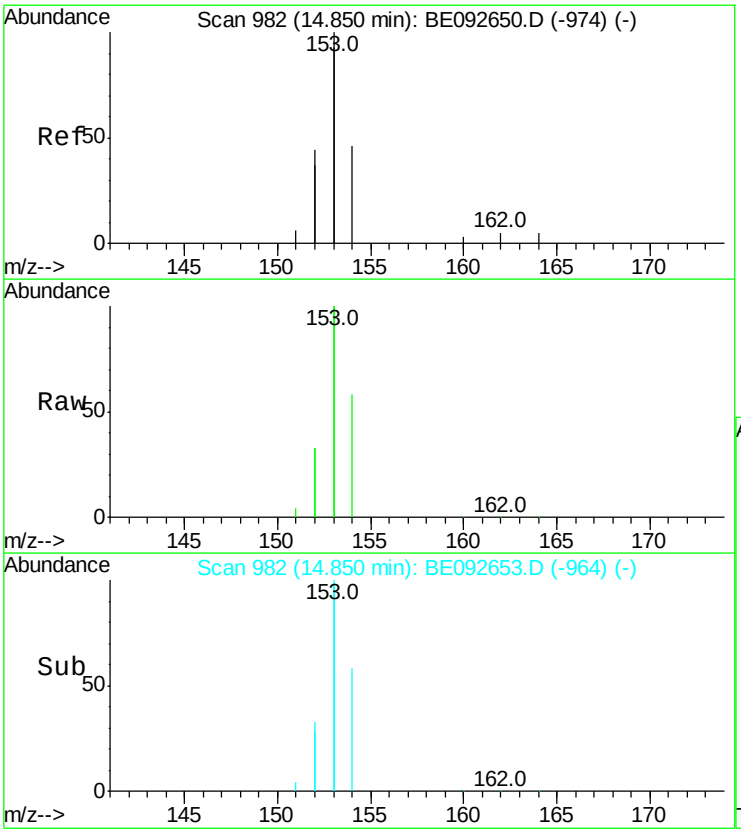
#15
Acenaphthylene
Concen: 3.25 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 143312

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

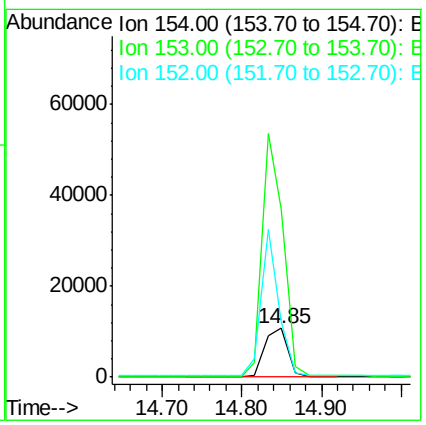


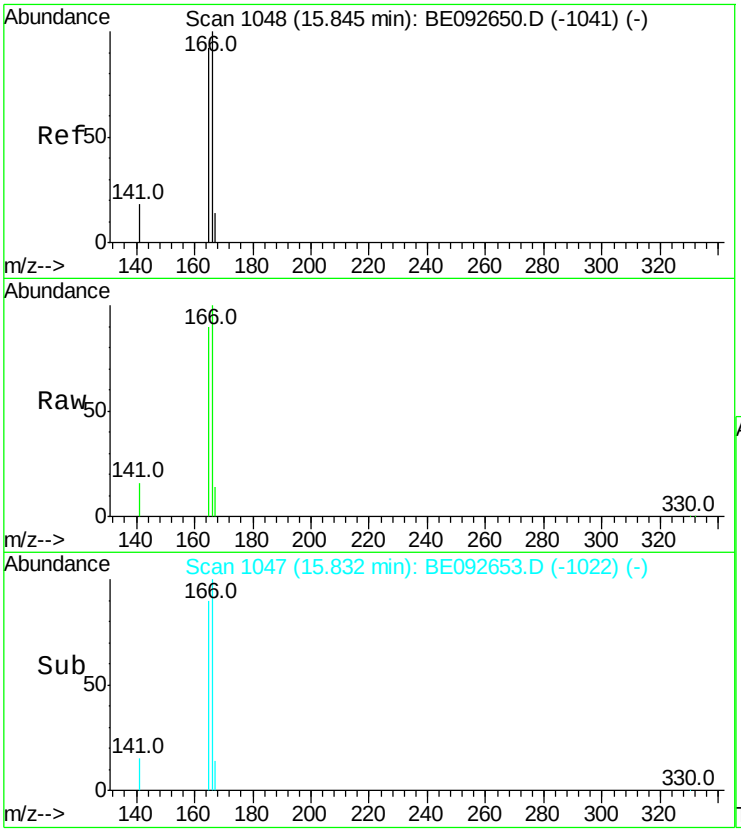


#16
Acenaphthene
Concen: 2.98 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:154 Resp: 21662

Ion	Ratio	Lower	Upper
154	100		
153	454.5	350.8	526.2
152	232.9	171.1	256.7



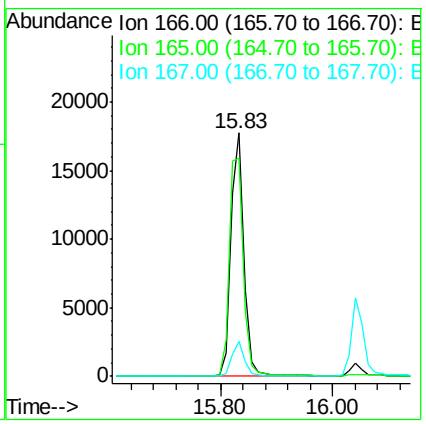


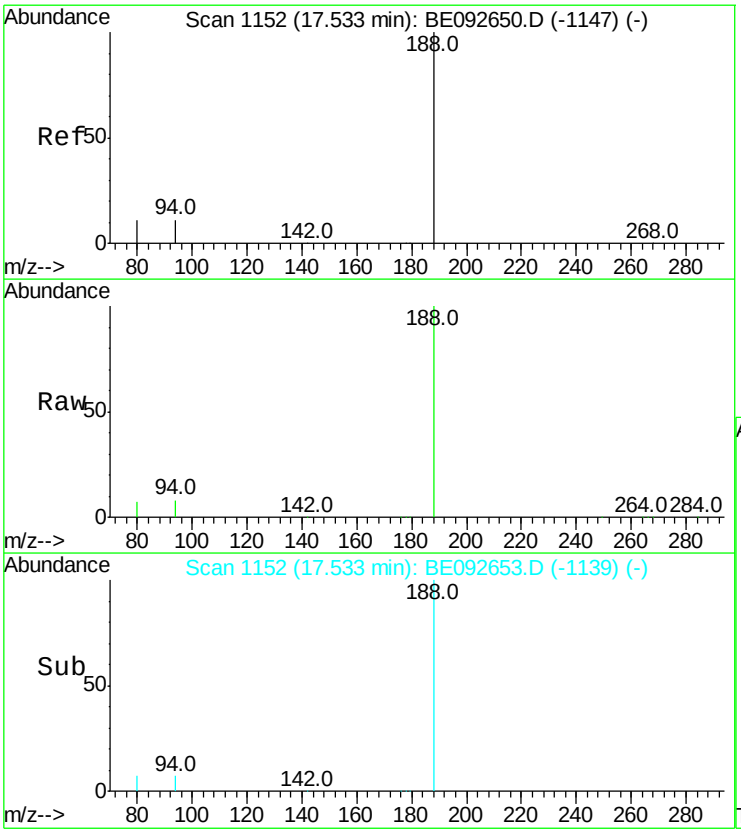
#17
Fluorene
Concen: 3.18 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 28383

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.5	11.0	16.4

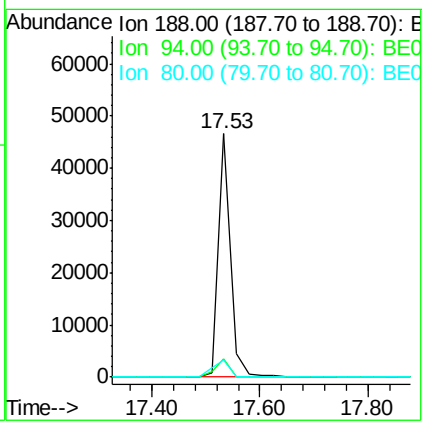


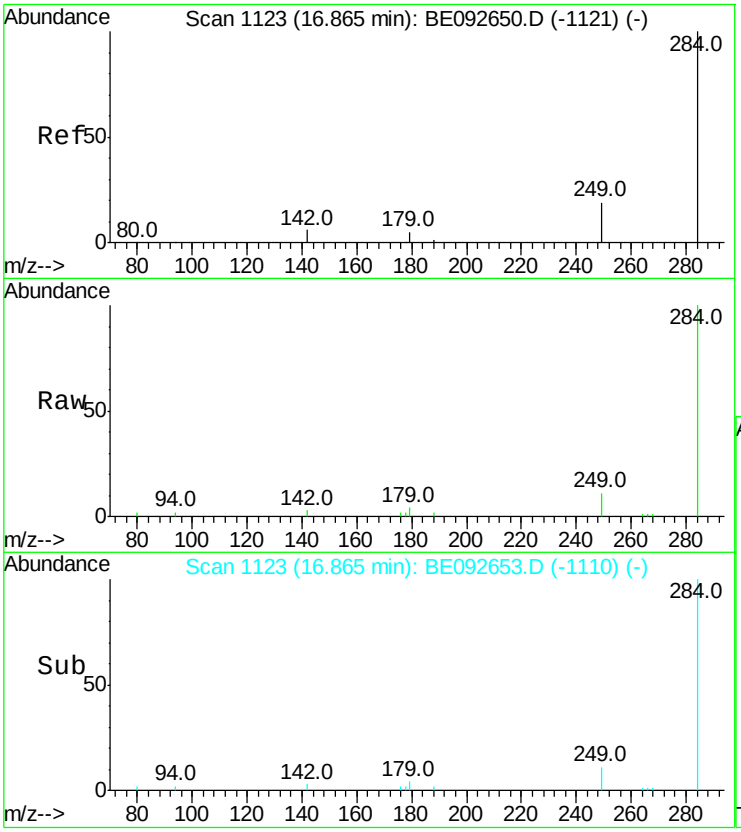


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:188 Resp: 73338

Ion	Ratio	Lower	Upper
188	100		
94	7.6	3.2	4.8#
80	7.1	2.6	3.8#



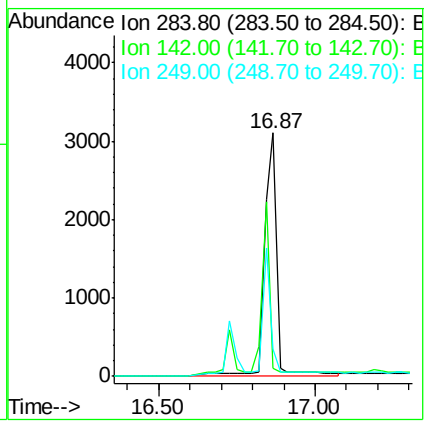


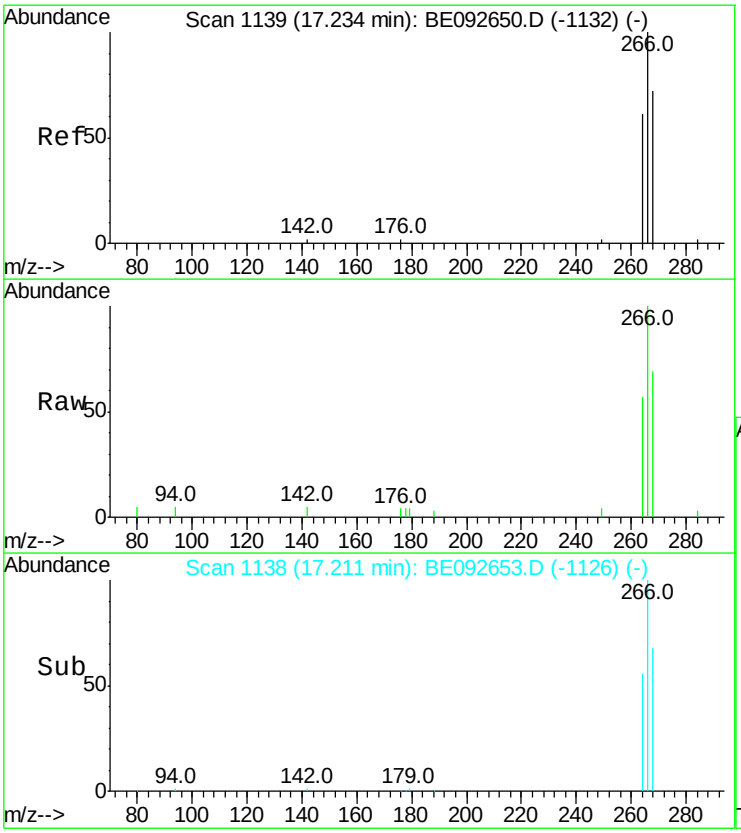
#19
Hexachlorobenzene
Concen: 2.99 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9362

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

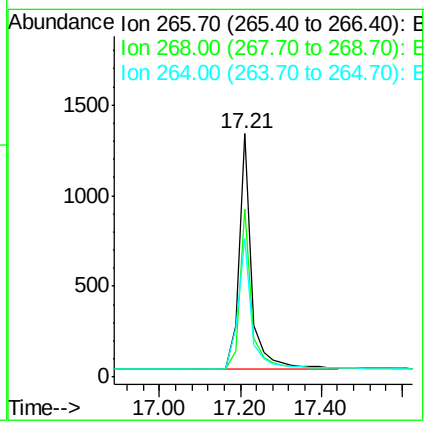


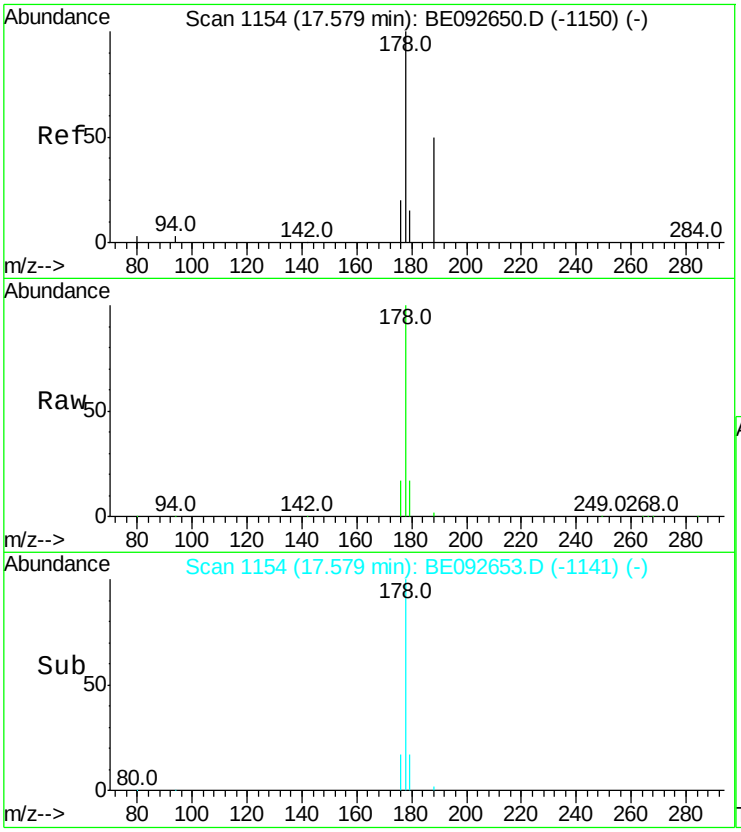


#20
Pentachlorophenol
Concen: 5.31 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:266 Resp: 2829

Ion	Ratio	Lower	Upper
266	100		
268	68.9	62.5	93.7
264	56.9	57.2	85.8#



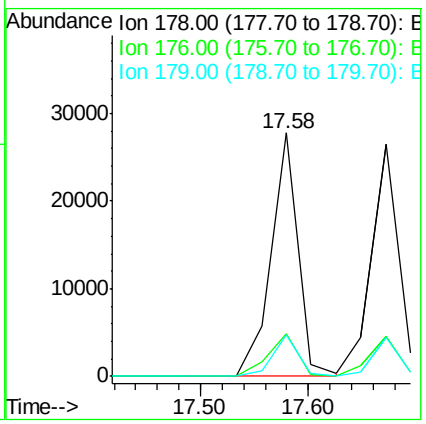


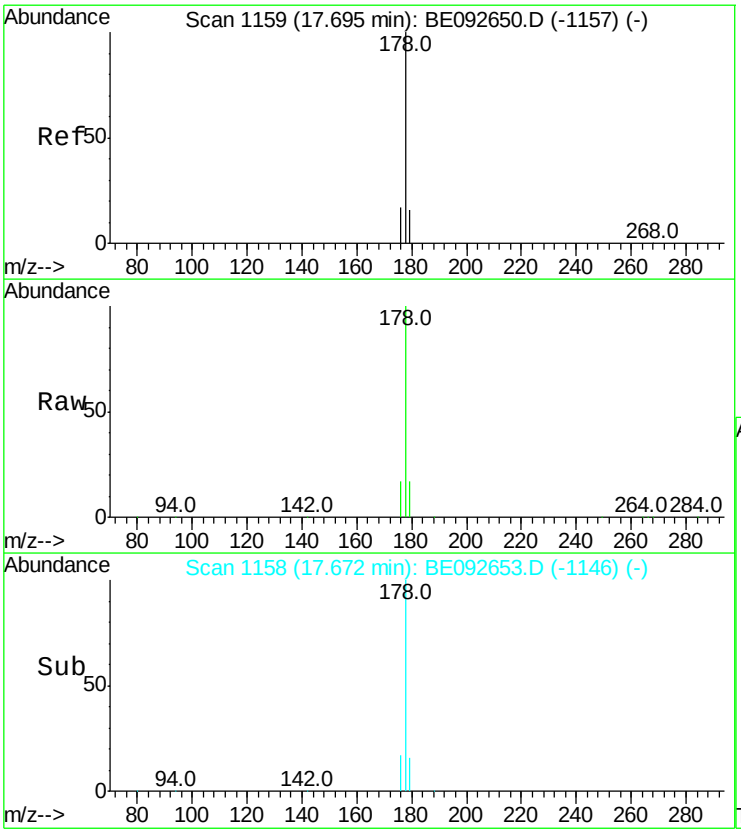
#21
Phenanthrene
Concen: 2.62 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 48444

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.0	16.0	24.0

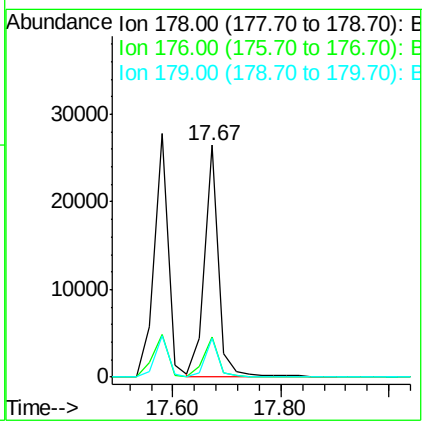


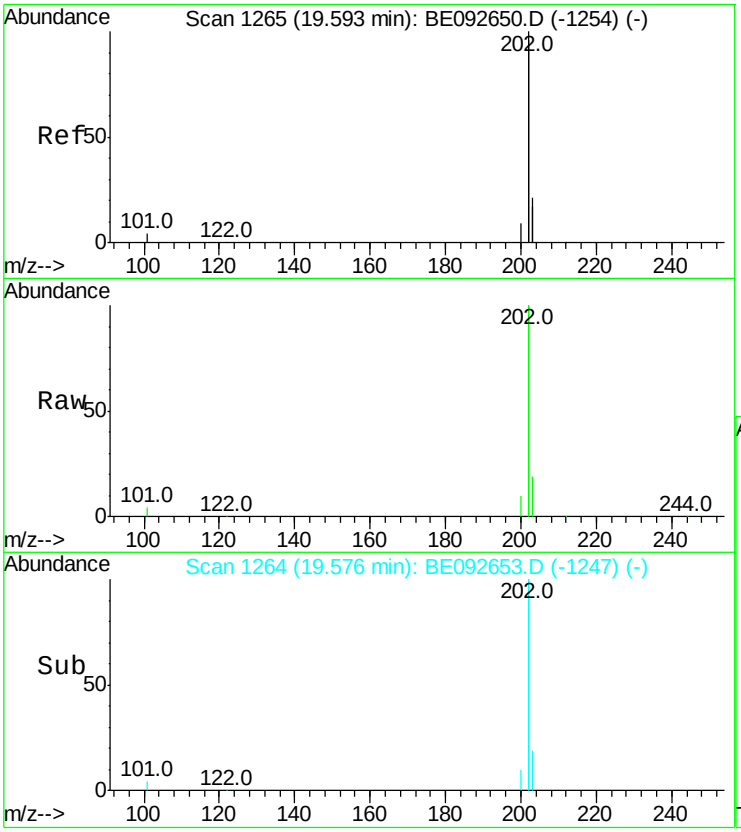


#22
Anthracene
Concen: 2.83 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:178 Resp: 47898

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.9	12.2	18.2



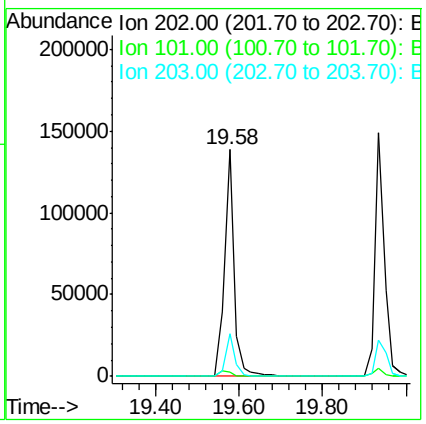


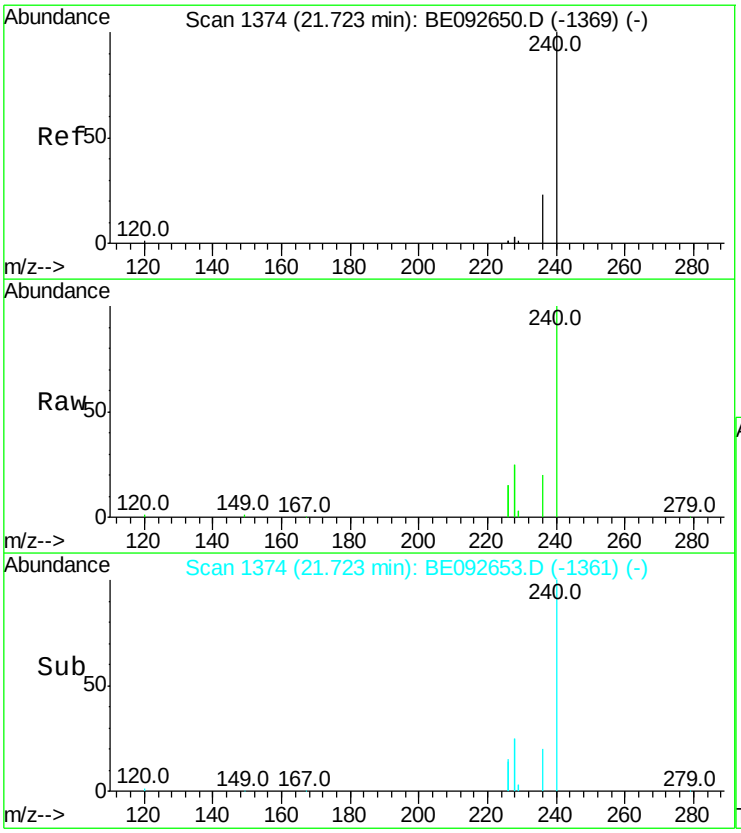
#23
Fluoranthene
Concen: 2.73 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 218098

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5

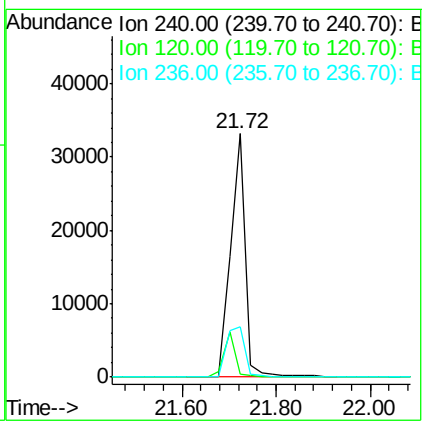


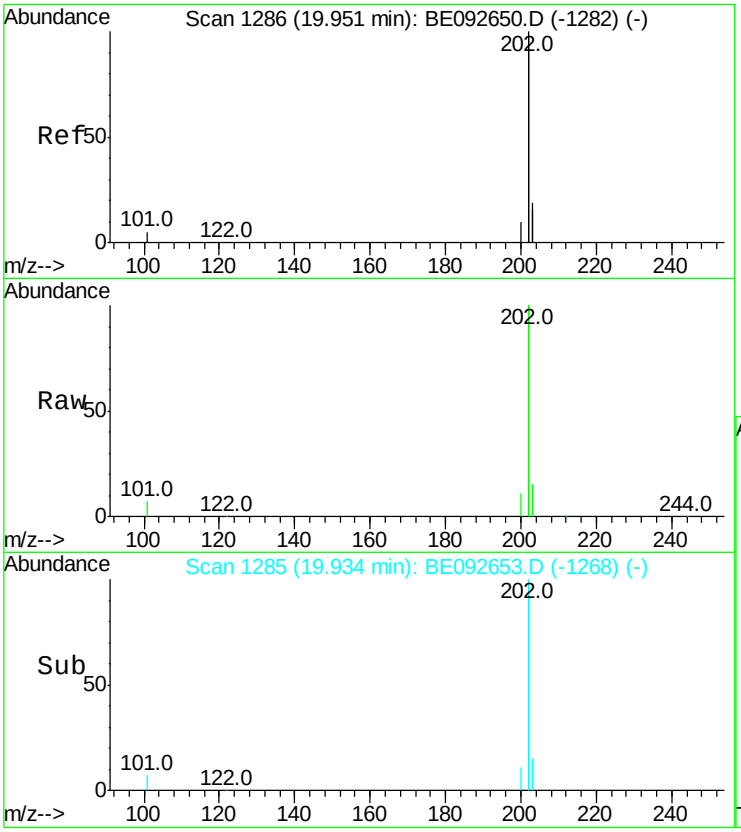


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:240 Resp: 71830

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	20.5	24.6	37.0#



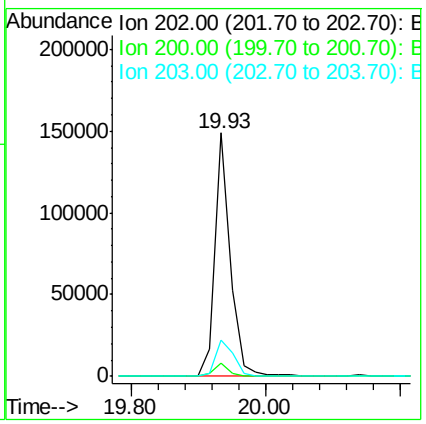


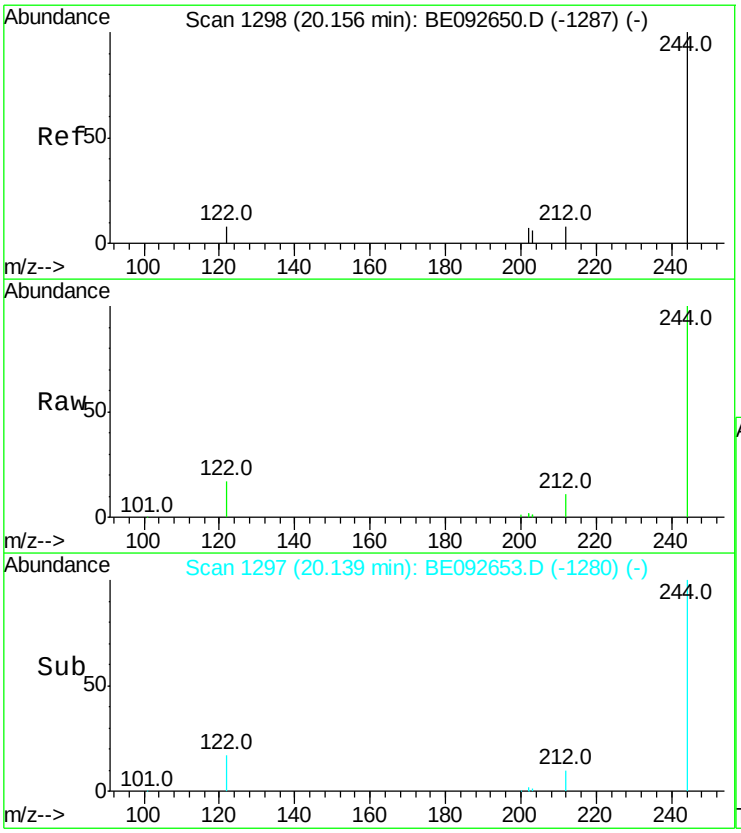
#25
Pyrene
Concen: 3.70 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 234359

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.4	13.9	20.9

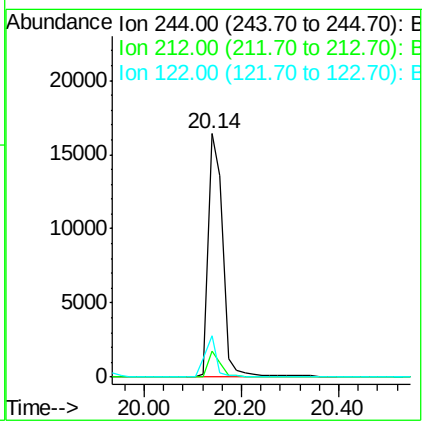


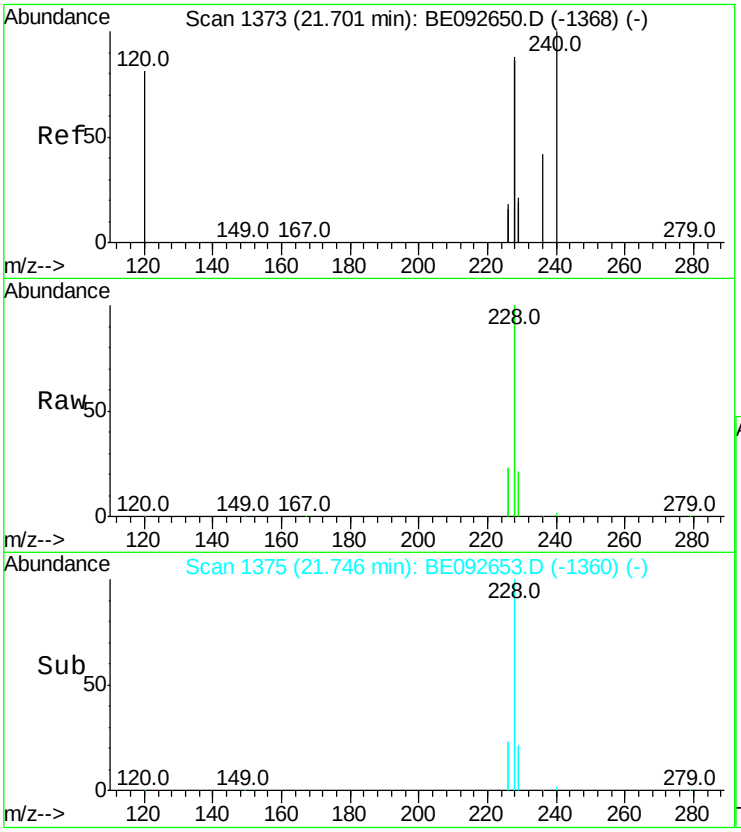


#26
Terphenyl-d14
Concen: 3.77 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:244 Resp: 33166

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.7	10.1#
122	17.1	3.6	5.4#



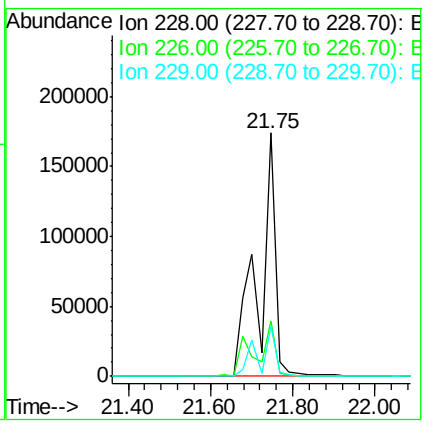


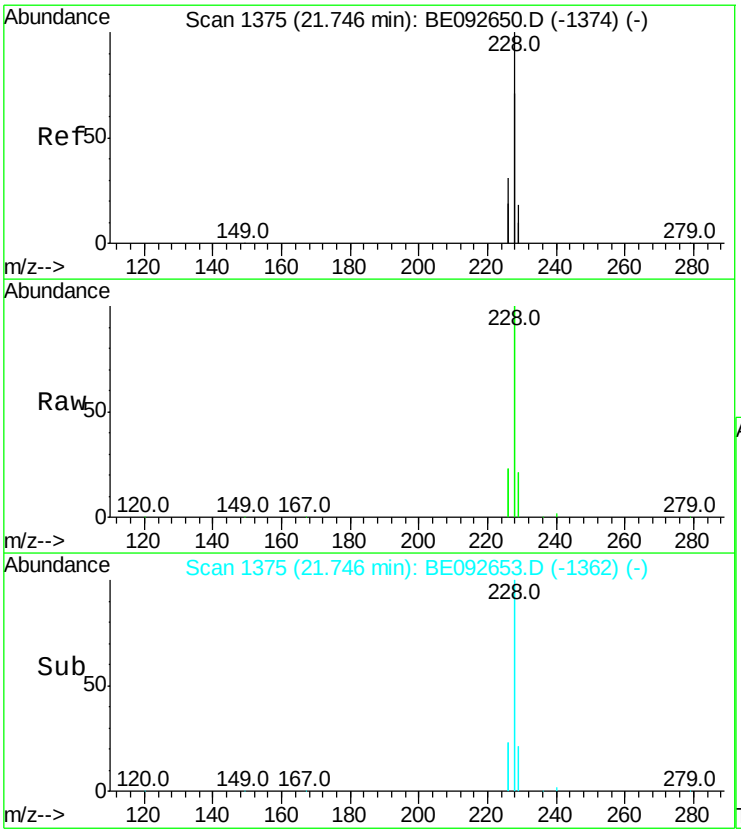
#27
Benzo(a)anthracene
Concen: 7.42 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 478561

Ion	Ratio	Lower	Upper
228	100		
226	22.9	23.6	35.4#
229	20.7	13.3	19.9#

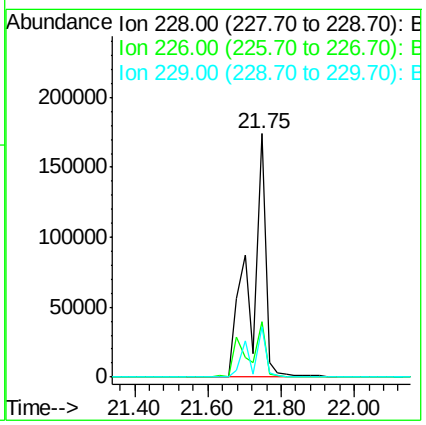


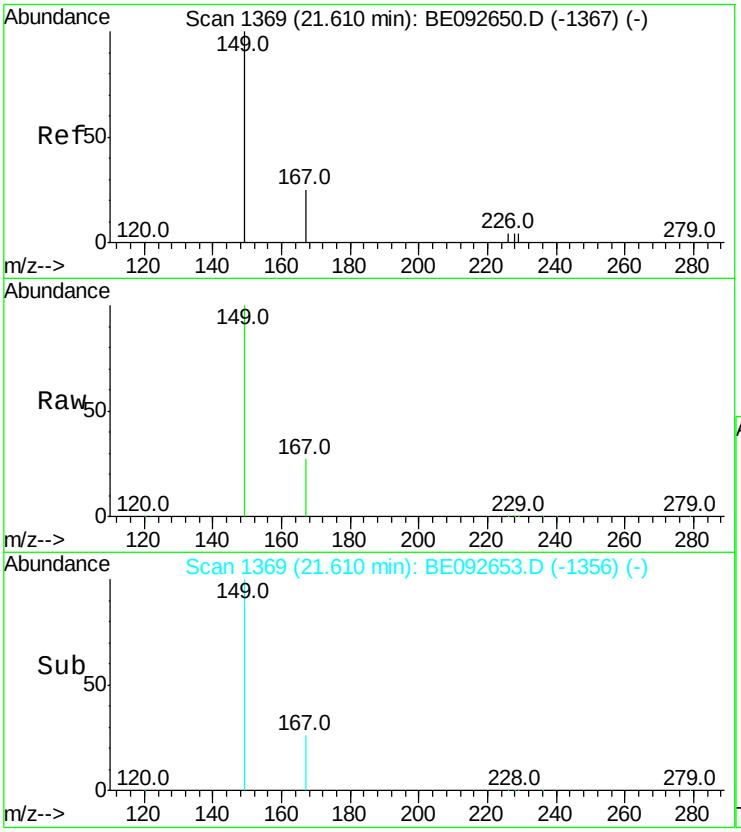


#28
Chrysene
Concen: 6.42 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:228 Resp: 479860

Ion	Ratio	Lower	Upper
228	100		
226	22.9	36.3	54.5#
229	20.7	10.6	16.0#



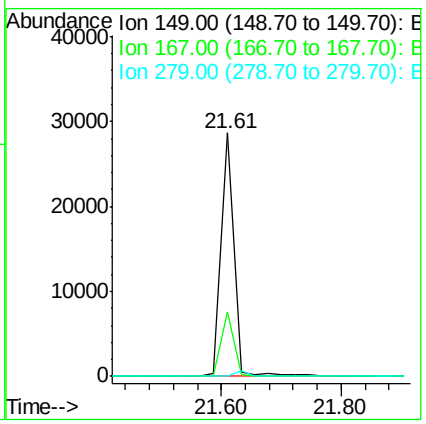


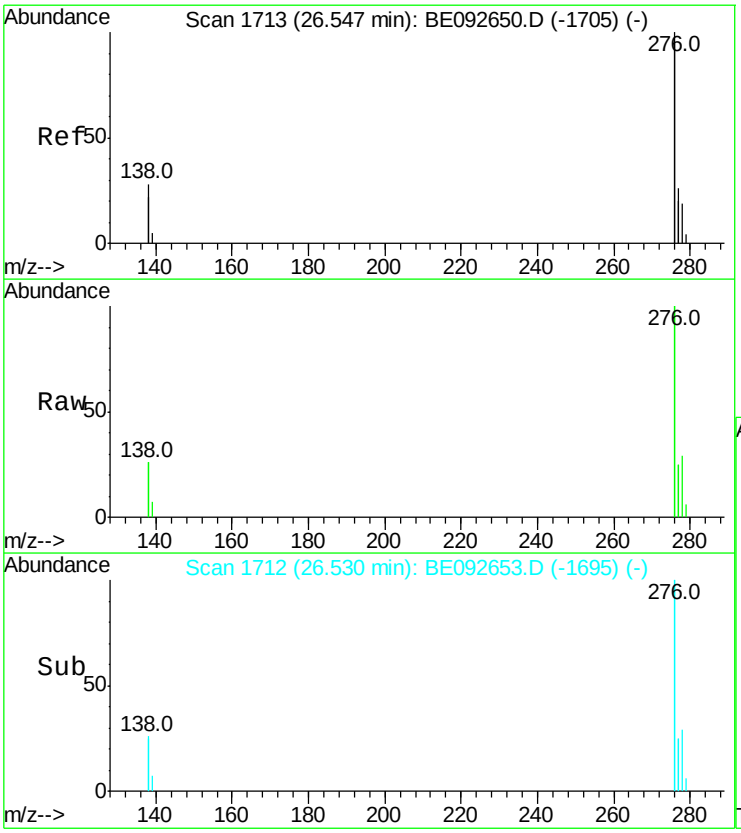
#29
Bis(2-ethylhexyl)phthalate
Concen: 5.81 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 40600

Ion	Ratio	Lower	Upper
149	100		
167	26.3	16.0	24.0#
279	0.0	16.0	24.0#

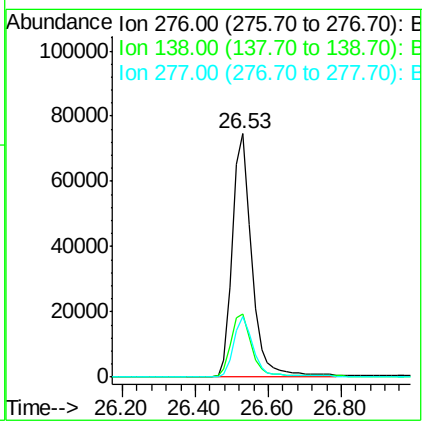


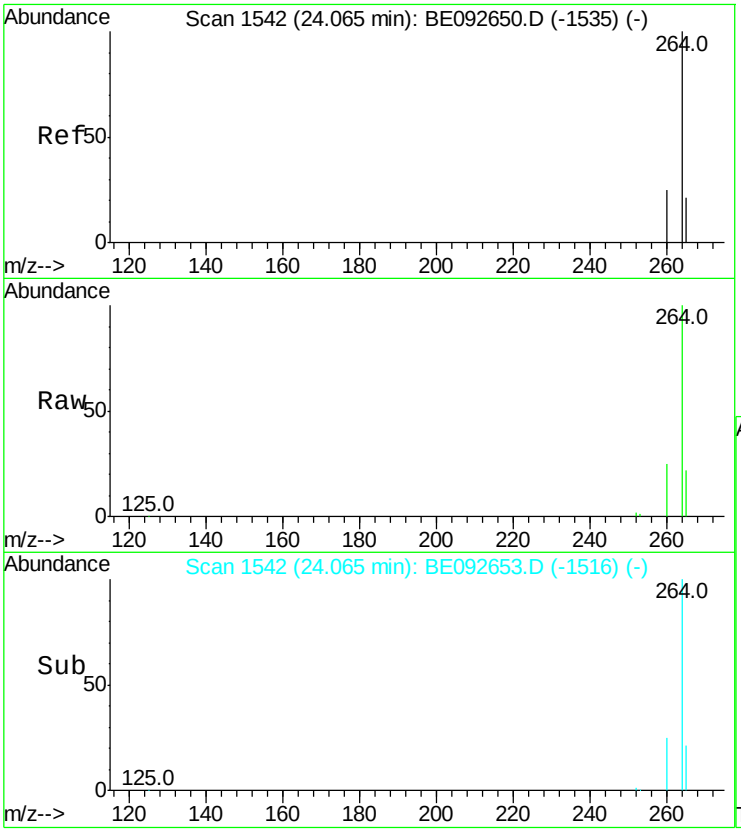


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:276 Resp: 271452

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.3	30.5
277	24.7	19.7	29.5



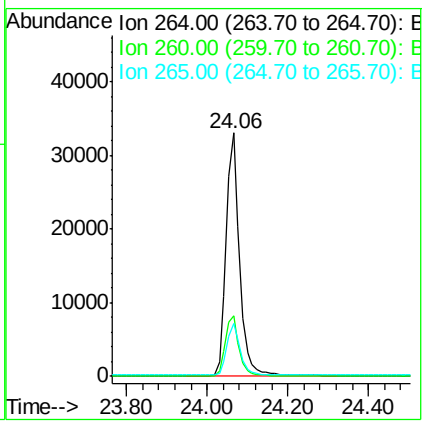


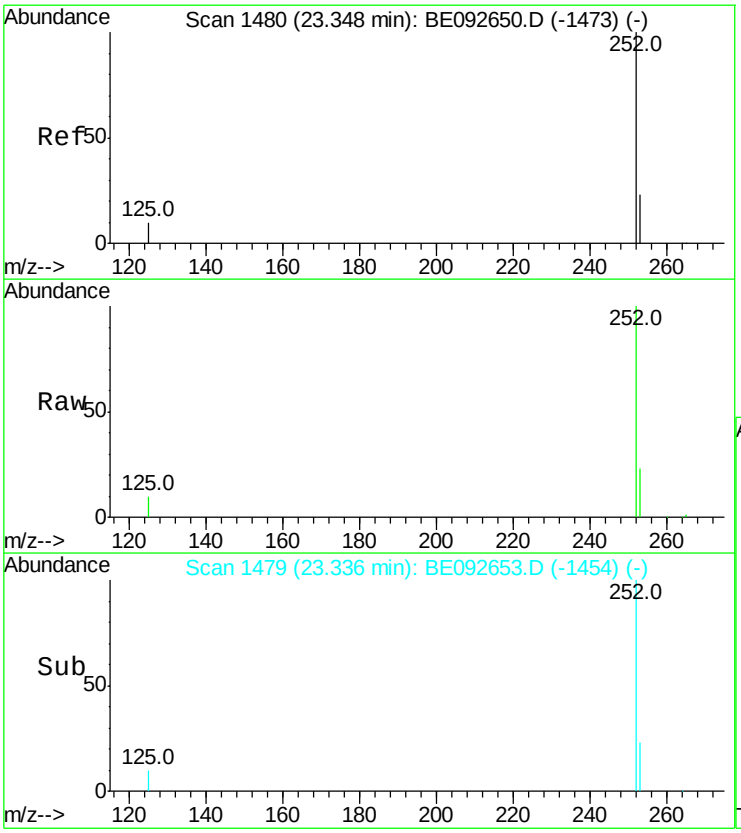
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 76577

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.9	17.9	26.9

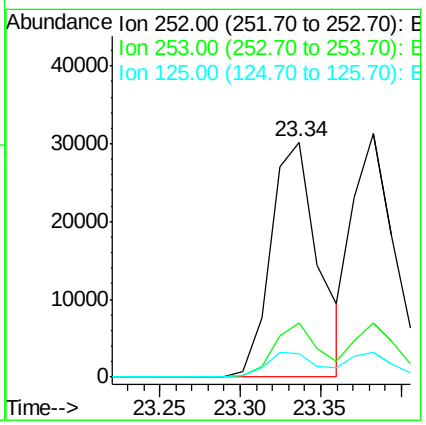


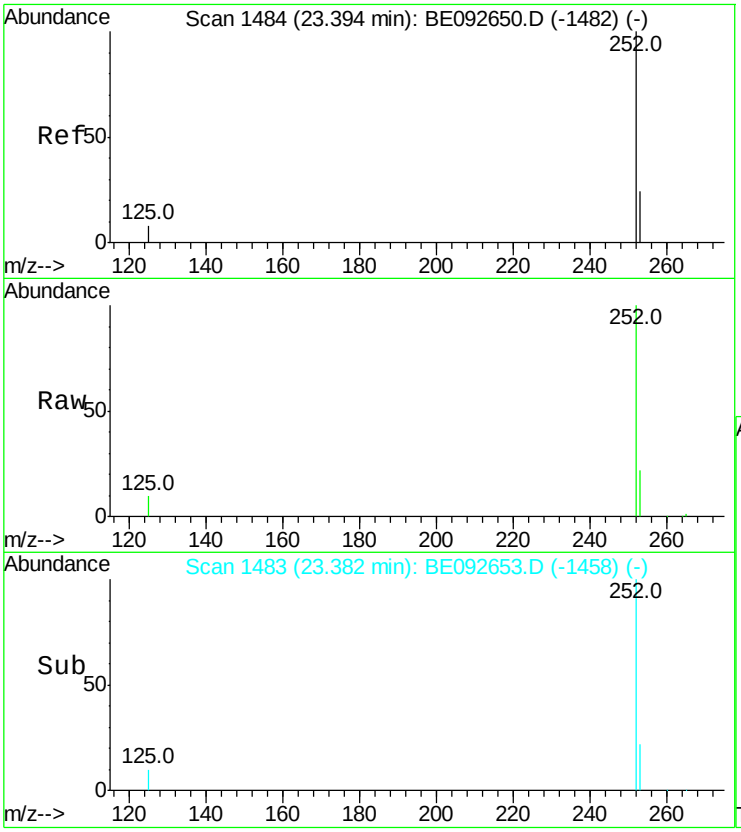


#32
Benzo(b)fluoranthene
Concen: 3.51 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:252 Resp: 61881

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	10.0	10.5	15.7#



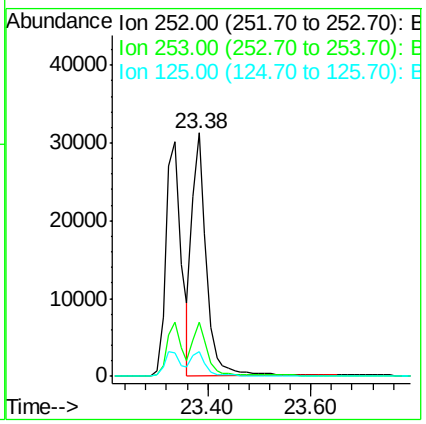


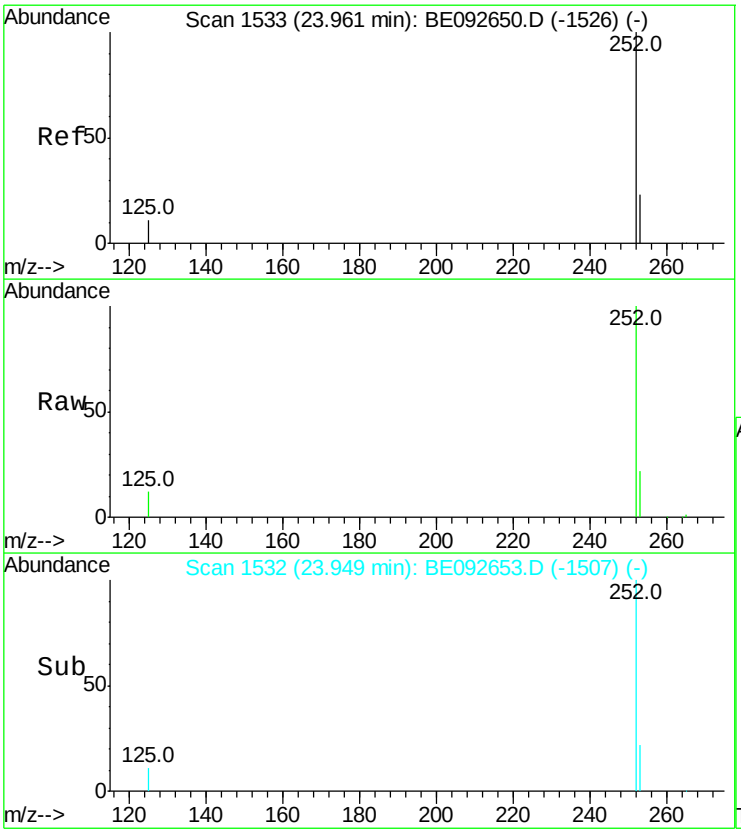
#33
Benzo(k)fluoranthene
Concen: 3.04 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 59724

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	10.2	9.6	14.4

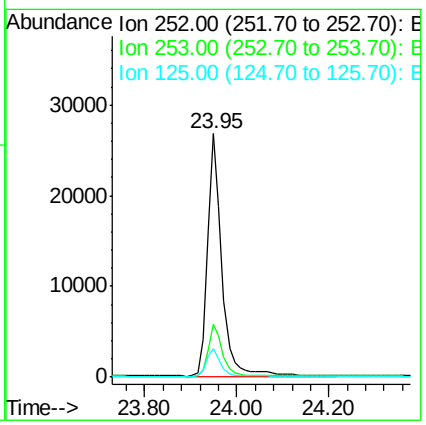


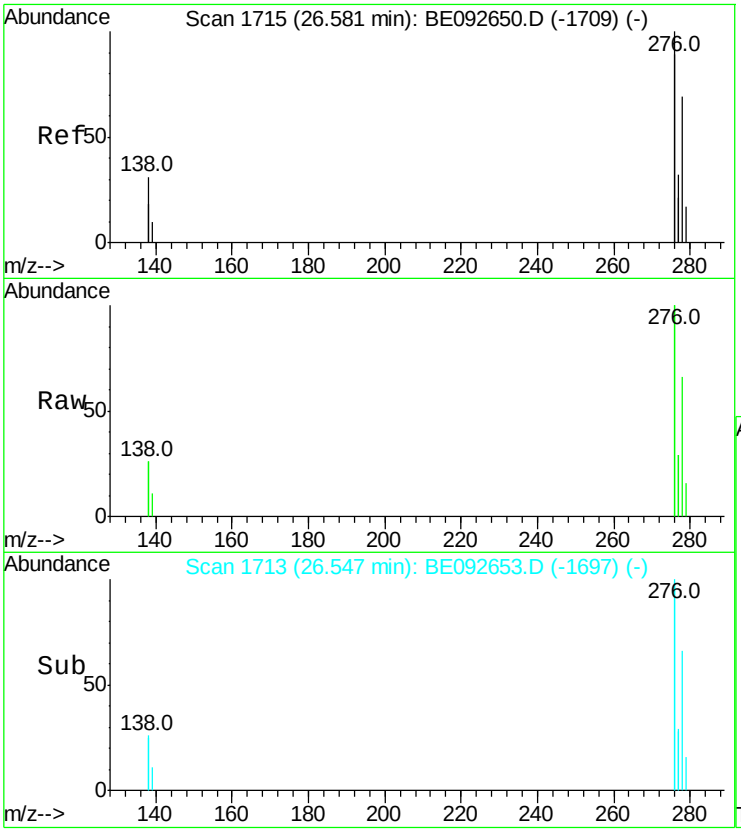


#34
Benzo(a)pyrene
Concen: 3.42 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:252 Resp: 58157

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	11.7	11.8	17.8#



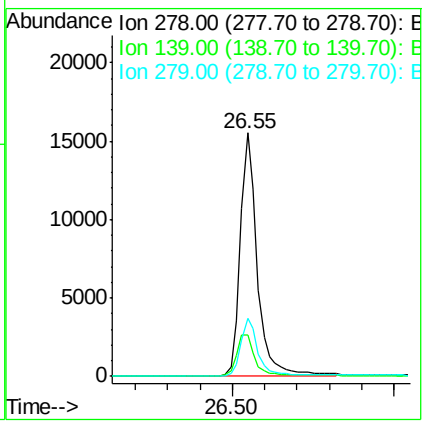


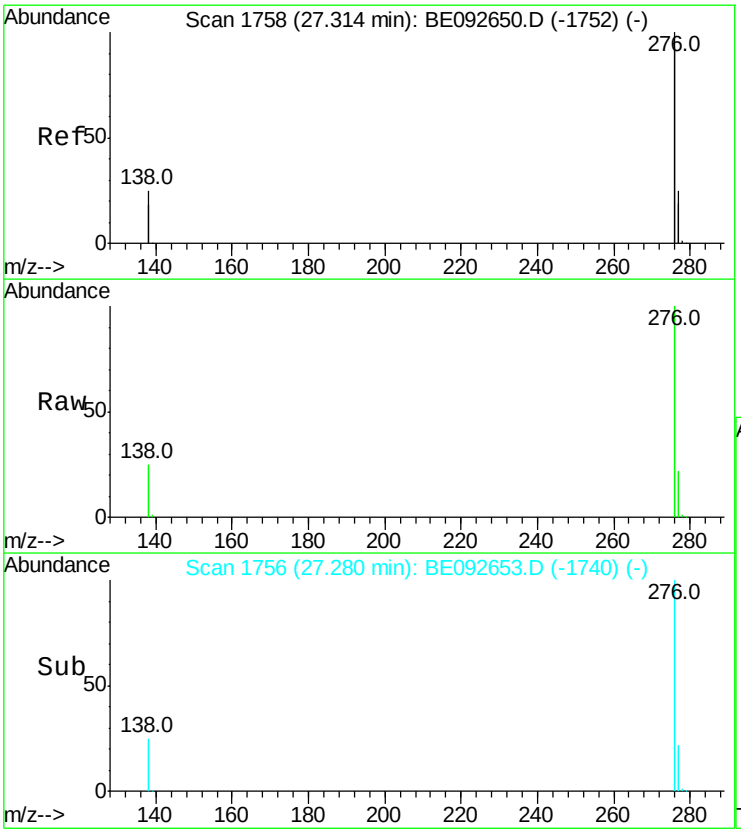
#35
Dibenzo(a,h)anthracene
Concen: 3.46 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 55866

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	23.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.32 ng
RT: 27.28 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092653.D
Acq: 16 Jan 2017 15:49

Tgt Ion:276 Resp: 229470

Ion	Ratio	Lower	Upper
276	100		
277	21.8	19.8	29.8
138	25.1	19.8	29.6