Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092704.D
Acq On : 1 Feb 2017 1:51
Operator : SJ/MA
Sample : I1505-04MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-01CMSD

Quant Time: Feb 01 02:27:37 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	12620	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	62399	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	39222	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	83224	5.00	ng		0.00
24) Chrysene-d12	21.72	240	72446	5.00	ng		0.00
31) Perylene-d12	24.06	264	81702	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	2718	0.96	ng		0.00
5) Phenol-d6	7.31	99	3792	1.10	ng		-0.02
8) Nitrobenzene-d5	9.32	82	1780	0.44	ng		-0.02
13) 2,4,6-Tribromophenol	16.28	330	968	0.95	ng		-0.01
14) 2-Fluorobiphenyl	13.41	172	4100	0.43	ng		-0.01
26) Terphenyl-d14	20.14	244	4904	0.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	734	0.37	ng	#	79
3) n-Nitrosodimethylamine	3.76	42	866	0.38	ng		98
6) bis(2-Chloroethyl)ether	7.54	93	19679	5.37	ng	#	23
9) Naphthalene	10.95	128	7031	0.54	ng		96
10) Hexachlorobutadiene	11.24	225	974	0.51	ng		99
11) 2-Methylnaphthalene	12.59	142	4403	0.54	ng		98
15) Acenaphthylene	14.49	152	68918	1.28	ng		100
16) Acenaphthene	14.85	154	4866	0.56	ng		97
17) Fluorene	15.83	166	6526	0.60	ng		97
19) Hexachlorobenzene	16.86	284	1664	0.53	ng	#	39
20) Pentachlorophenol	17.21	266	1075	1.26	ng		90
21) Phenanthrene	17.58	178	30120	1.64	ng		95
22) Anthracene	17.67	178	18934	1.12	ng		99
23) Fluoranthene	19.58	202	285528	3.50	ng		99
25) Pyrene	19.94	202	311172	4.36	ng		95
27) Benzo(a)anthracene	21.75	228	373301	5.23	ng	#	83
28) Chrysene	21.75	228	373301	4.65	ng	#	65
29) Bis(2-ethylhexyl)phthalate	21.61	149	13757	1.14	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.53	276	157300	1.81	ng		98
32) Benzo(b)fluoranthene	23.34	252	94749	4.79	ng		99
33) Benzo(k)fluoranthene	23.34	252	94749	4.77	ng		97
34) Benzo(a)pyrene	23.95	252	50185	2.70	ng		97
35) Dibenzo(a,h)anthracene	26.55	278	15815	0.87	ng		97
36) Benzo(g,h,i)perylene	27.30	276	154696	2.01	ng		98

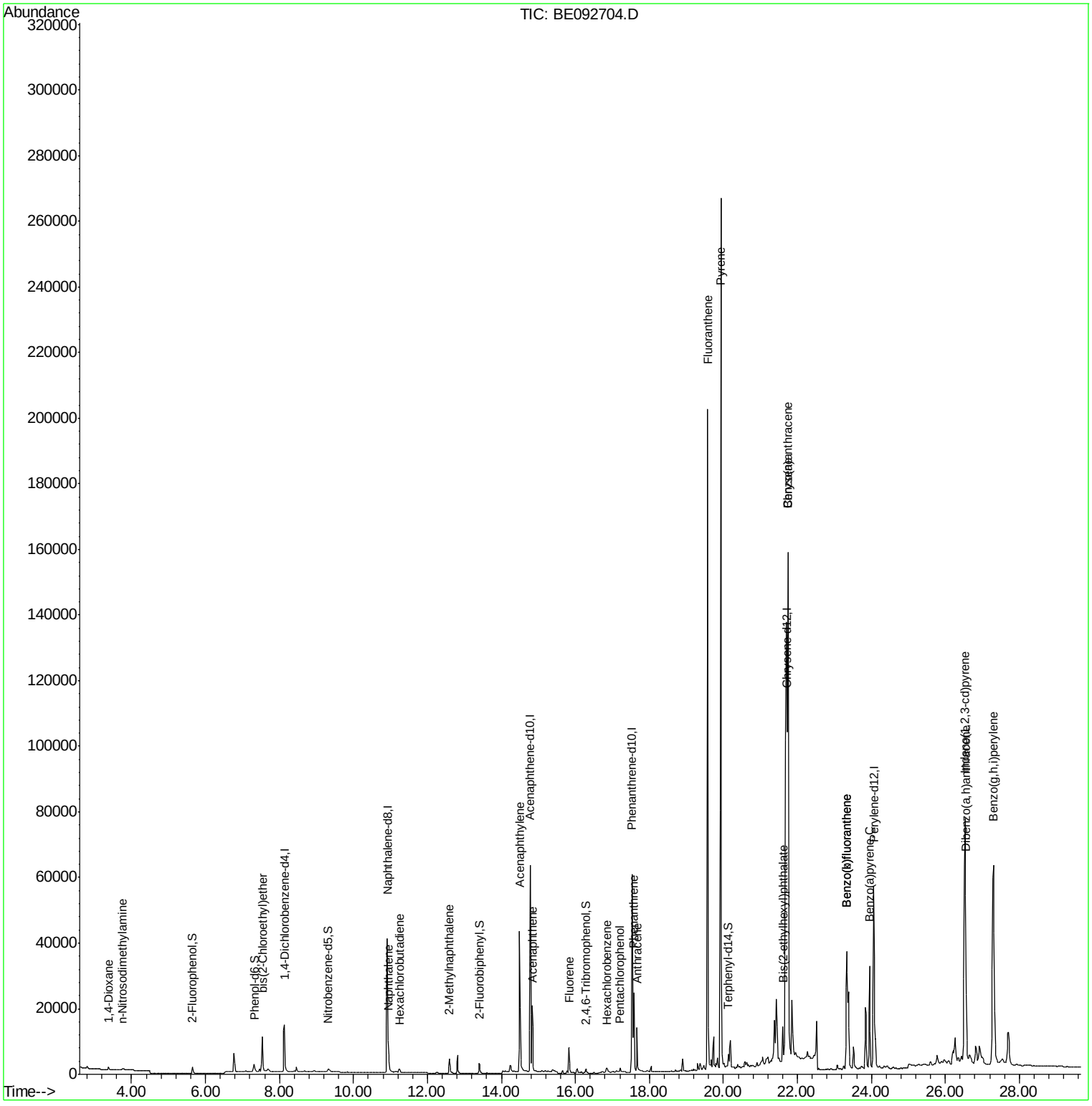
(#) = qualifier out of range (m) = manual integration (+) = signals summed

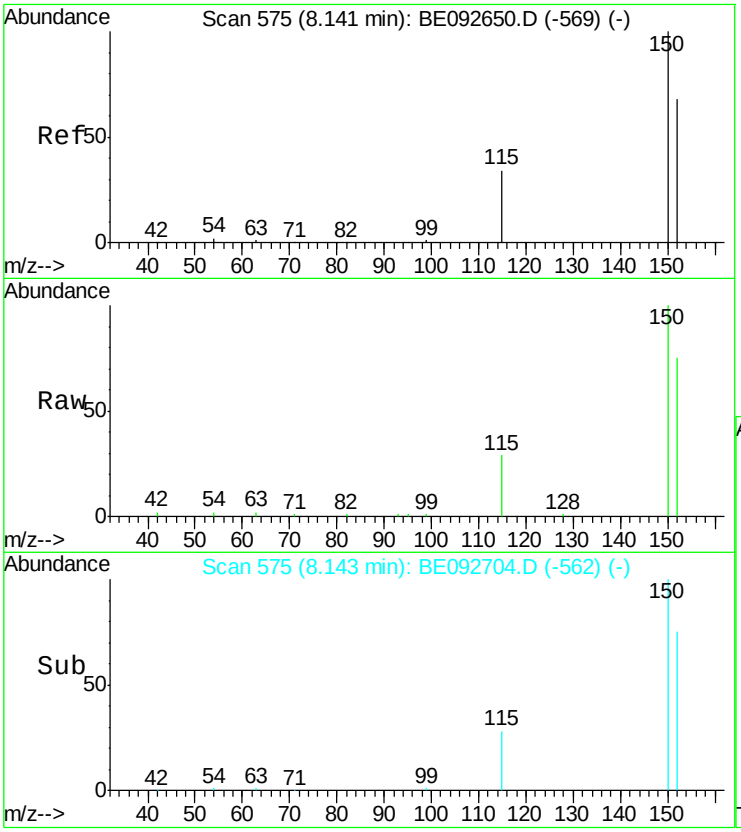
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013117\
Data File : BE092704.D
Acq On : 1 Feb 2017 1:51
Operator : SJ/MA
Sample : I1505-04MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Quant Time: Feb 01 02:27:37 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



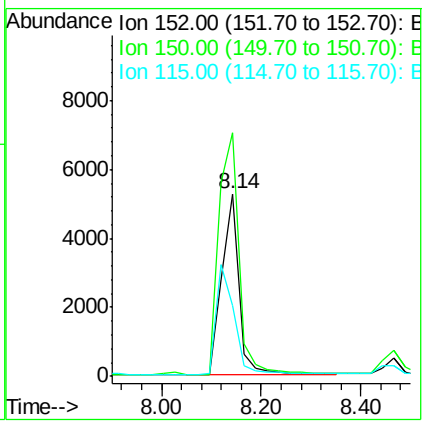


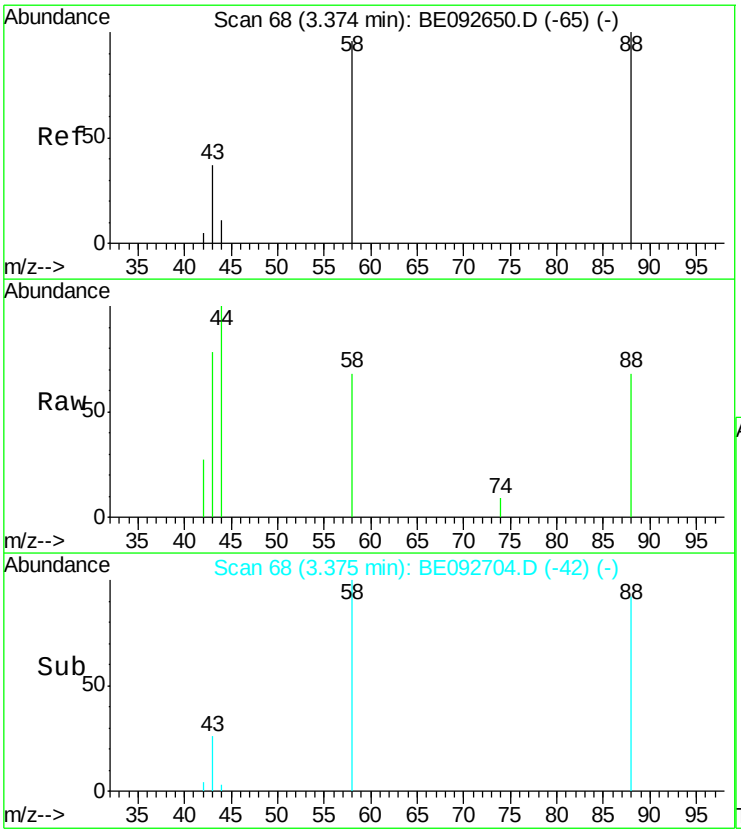
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:152 Resp: 12620

Ion	Ratio	Lower	Upper
152	100		
150	133.6	106.0	159.0
115	38.8	31.2	46.8

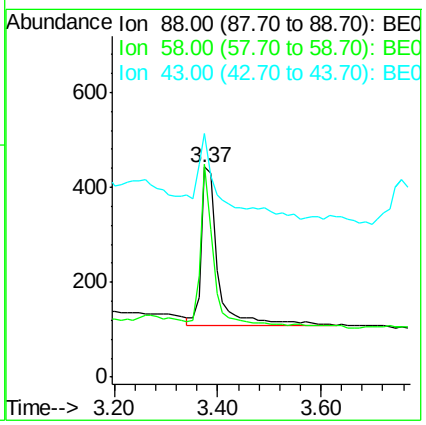


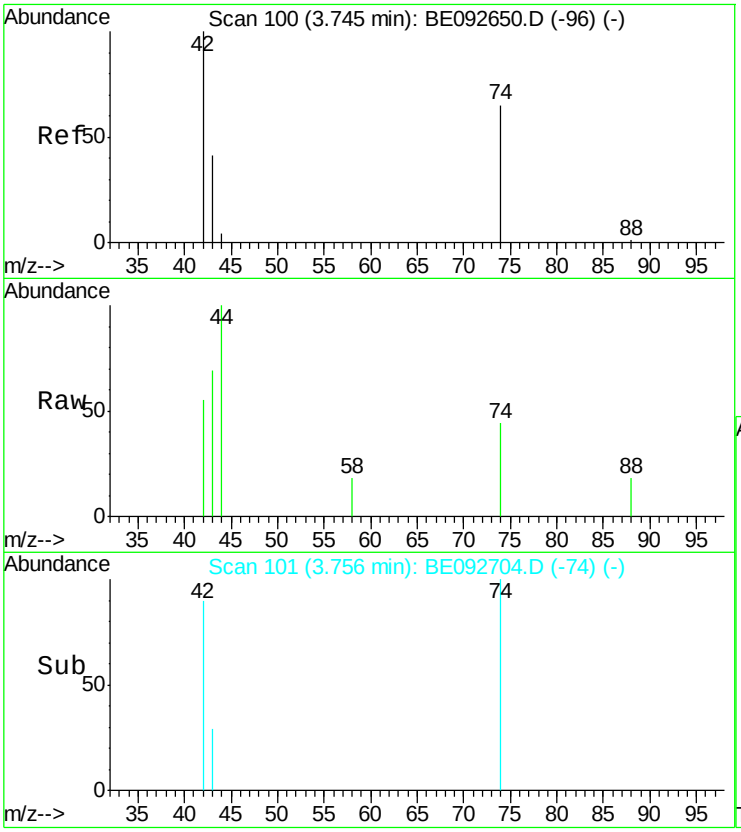


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion: 88 Resp: 734

Ion	Ratio	Lower	Upper
88	100		
58	76.7	63.6	95.4
43	69.9	28.0	42.0#



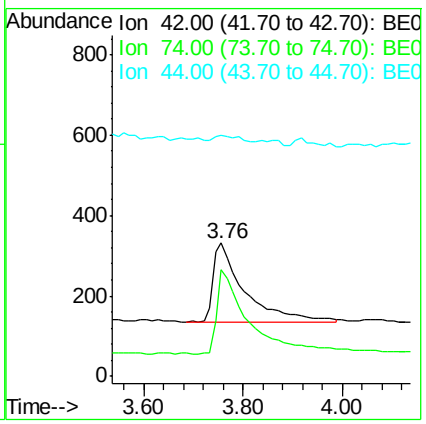


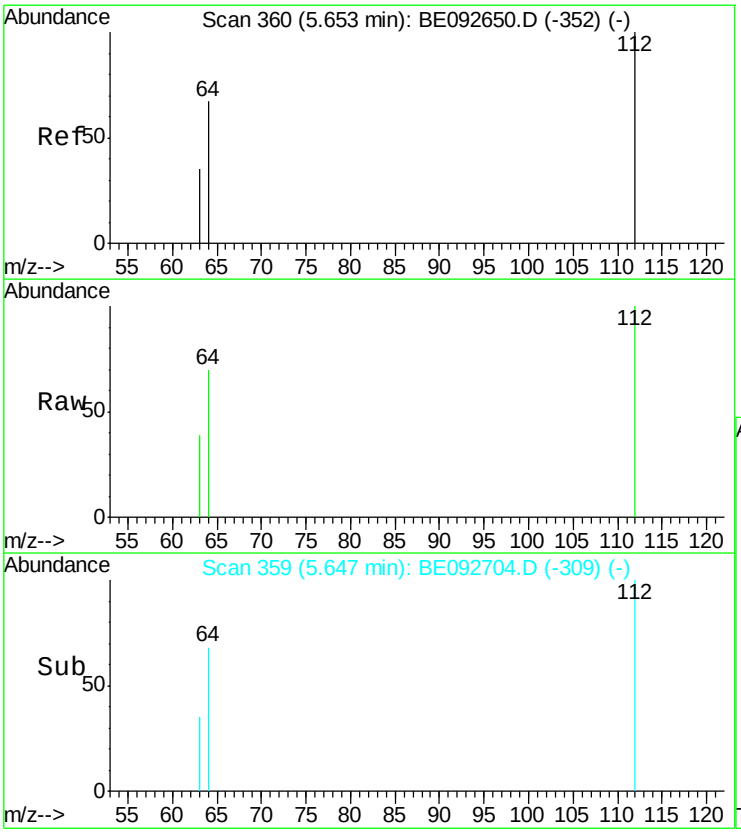
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion: 42 Resp: 866

Ion	Ratio	Lower	Upper
42	100		
74	109.1	86.0	129.0
44	6.1	5.1	7.7

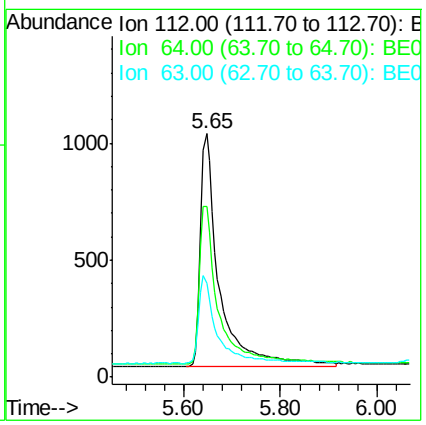


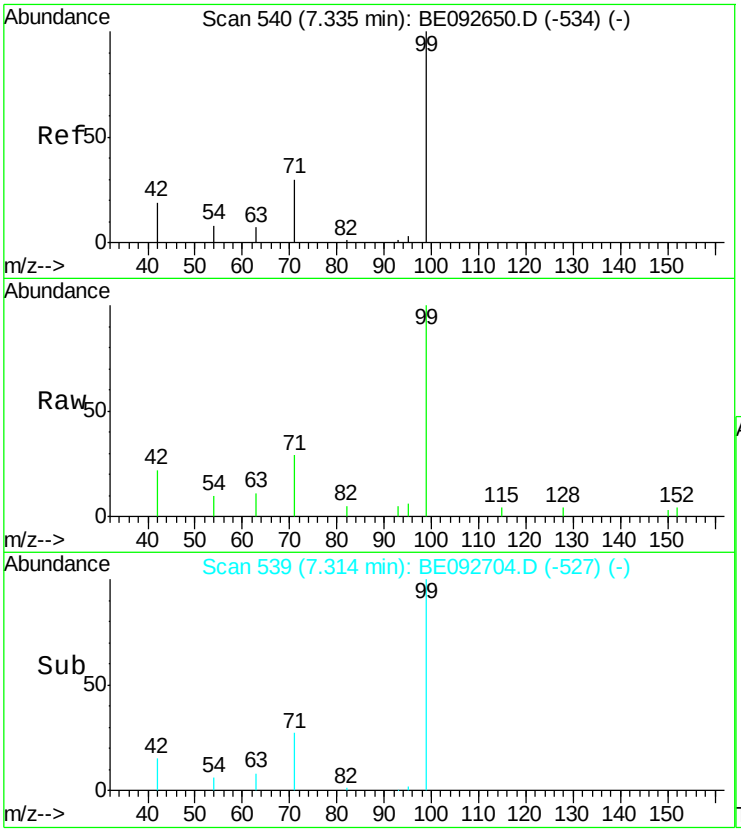


#4
2-Fluorophenol
Concen: 0.96 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:112 Resp: 2718

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	36.1	27.9	41.9



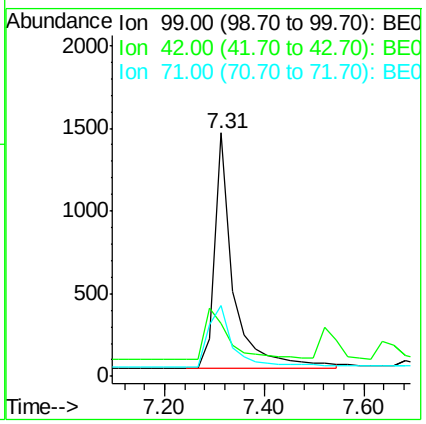


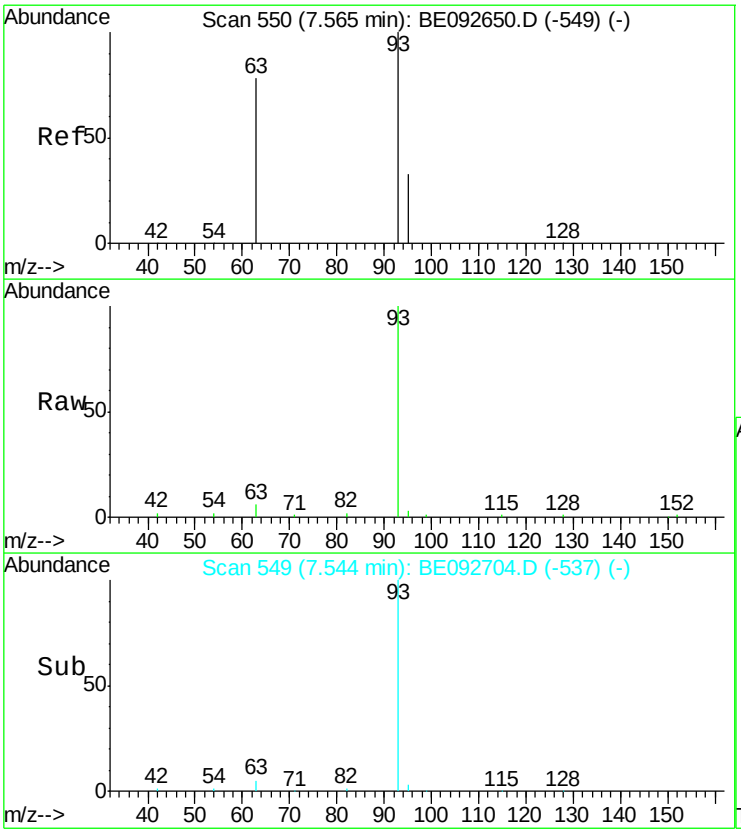
#5
Phenol-d6
Concen: 1.10 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion: 99 Resp: 3792

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	35.4	30.6	45.8

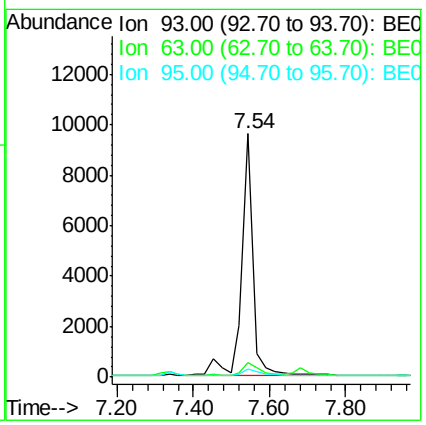


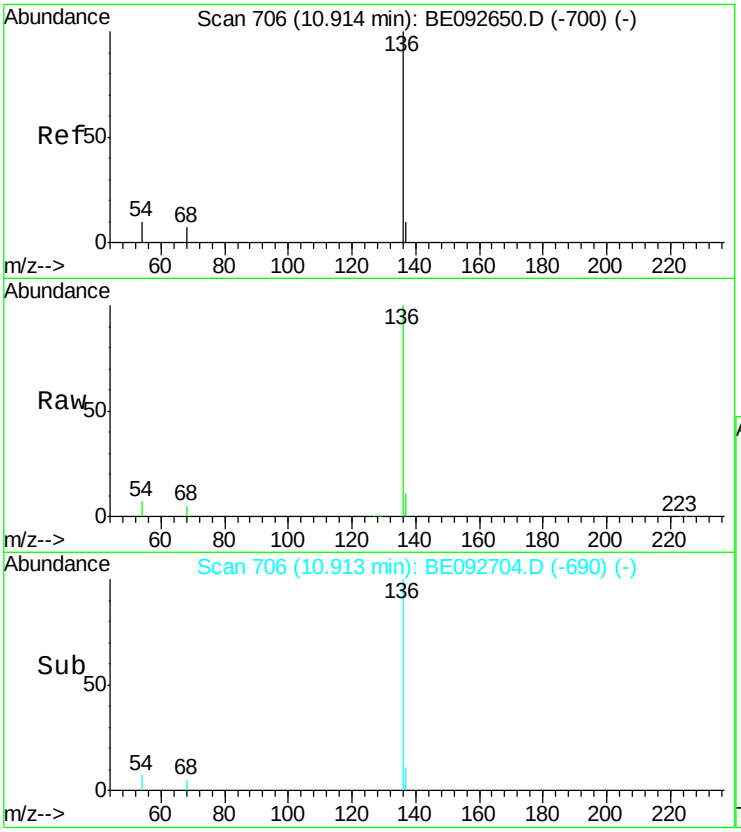


#6
bis(2-Chloroethyl)ether
Concen: 5.37 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion: 93 Resp: 19679

Ion	Ratio	Lower	Upper
93	100		
63	8.0	71.6	107.4#
95	4.1	24.0	36.0#



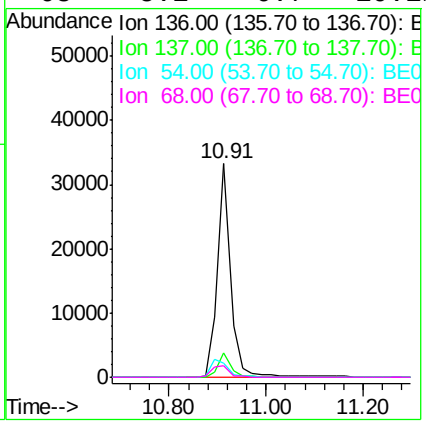


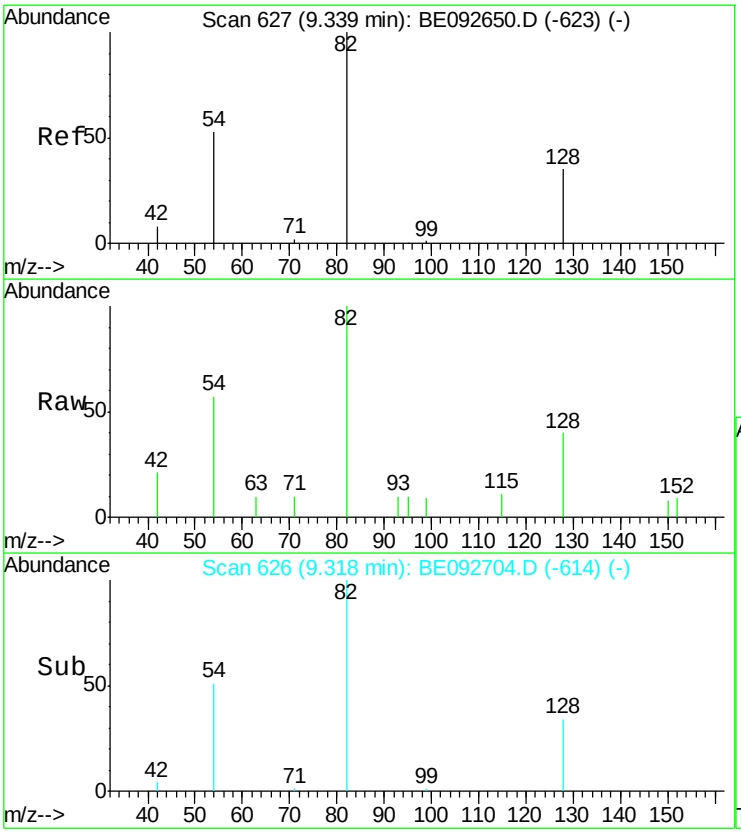
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:136 Resp: 62399

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.8	9.6	14.4#
68	5.1	6.7	10.1#

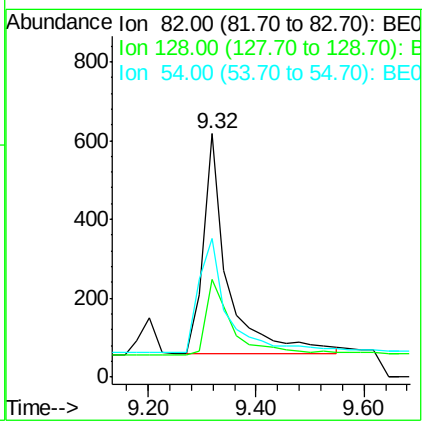


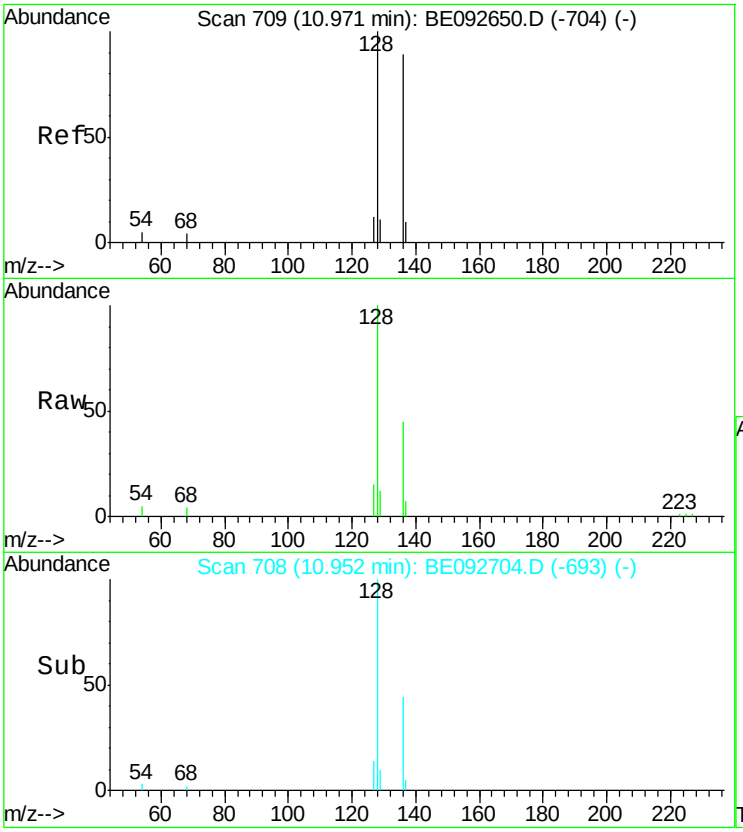


#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion: 82 Resp: 1780

Ion	Ratio	Lower	Upper
82	100		
128	39.8	39.0	58.4
54	57.0	44.8	67.2



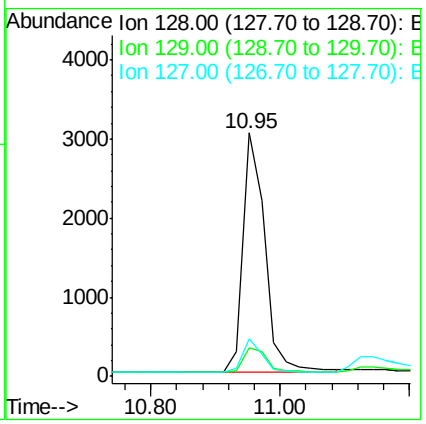


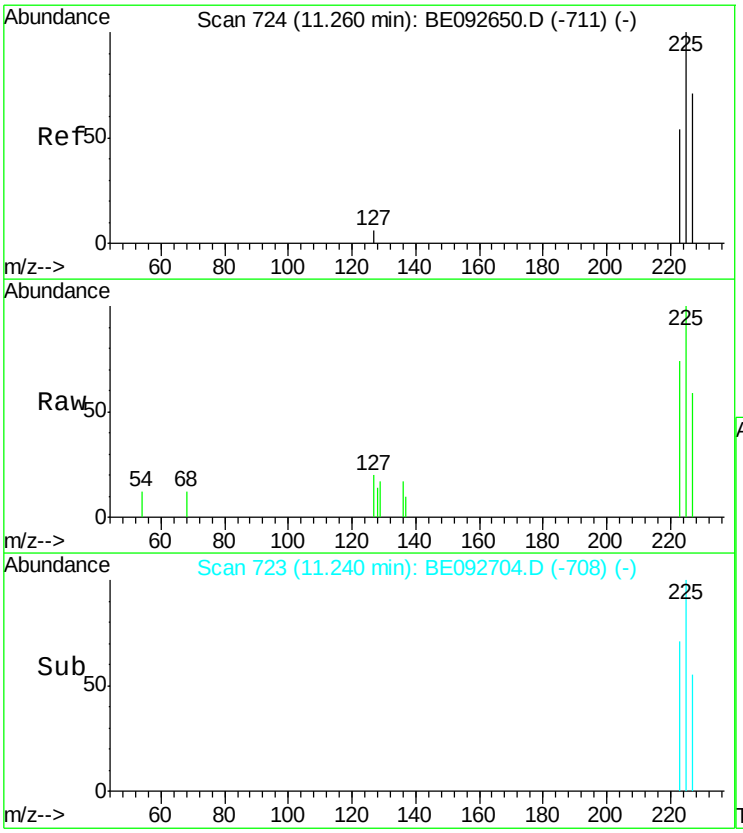
#9
Naphthalene
Concen: 0.54 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:128 Resp: 7031

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.2	16.8
127	15.3	11.6	17.4

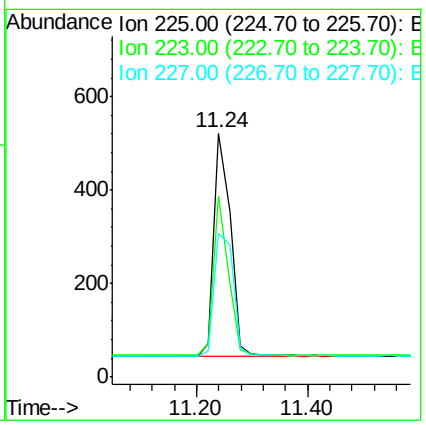


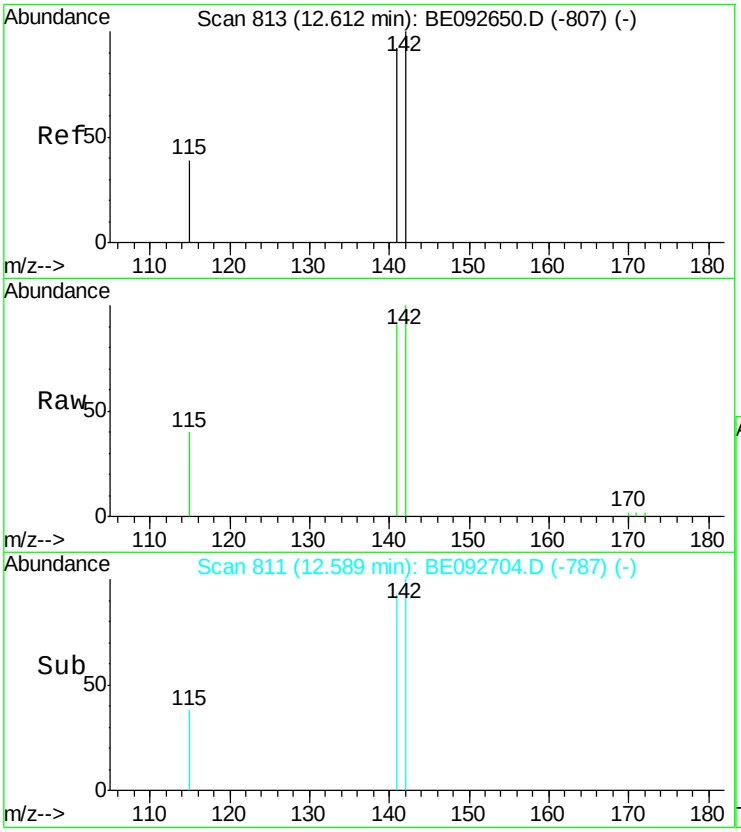


#10
Hexachlorobutadiene
Concen: 0.51 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:225 Resp: 974

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	63.6	51.4	77.0



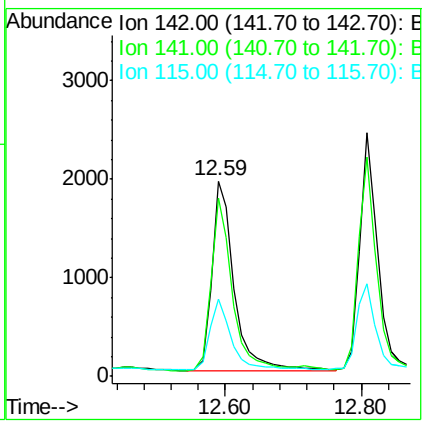


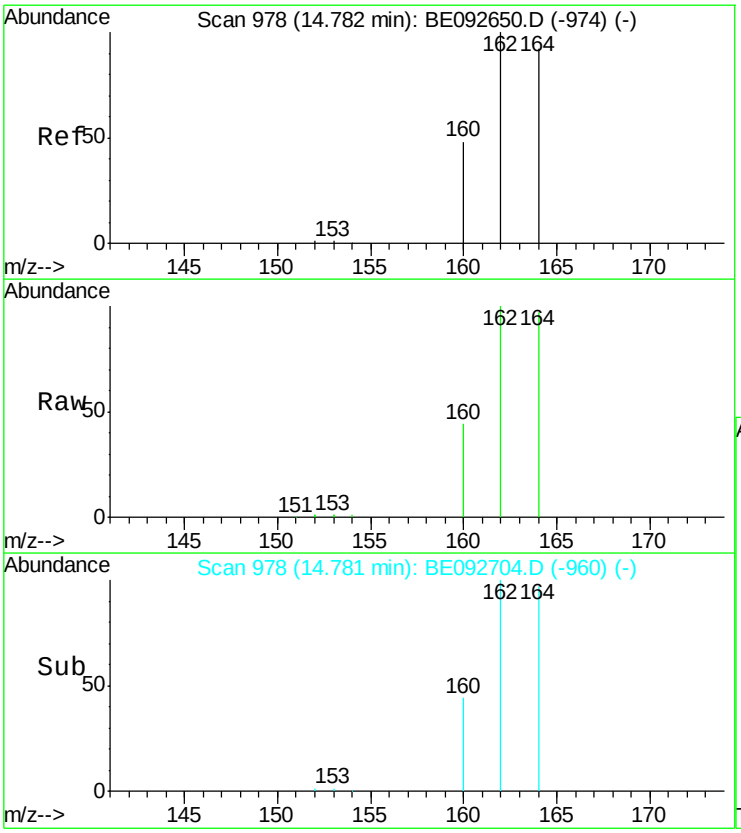
#11
2-Methylnaphthalene
Concen: 0.54 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:142 Resp: 4403

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
115	39.7	34.0	51.0

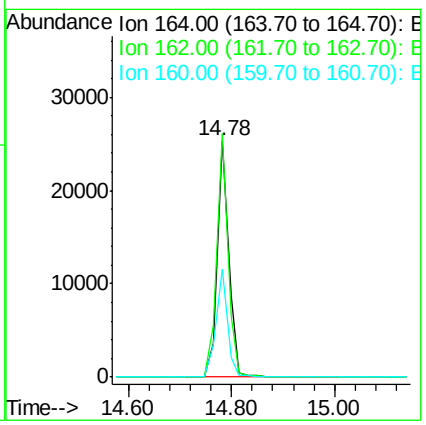


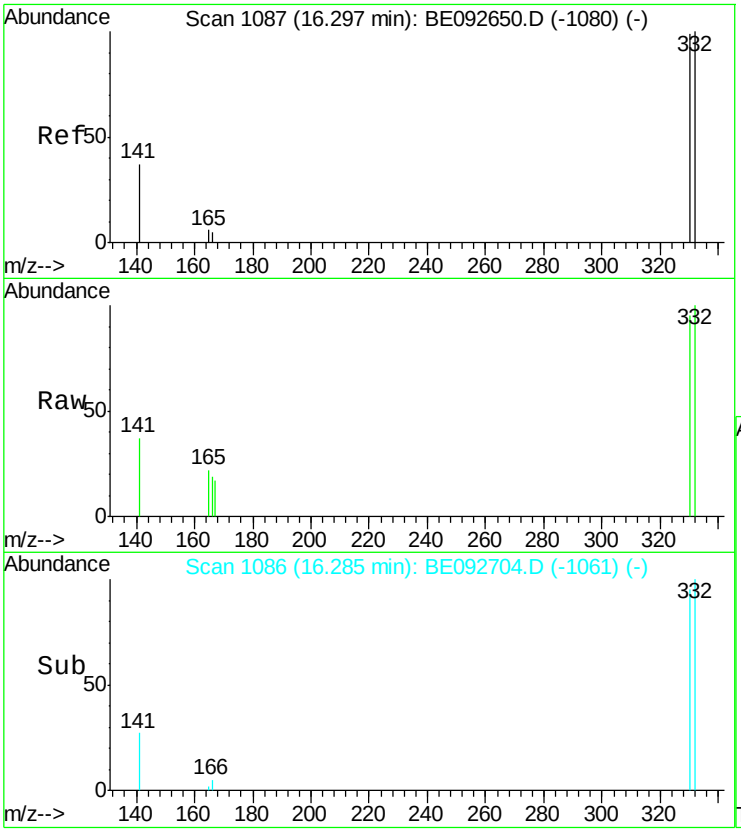


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:164 Resp: 39222

Ion	Ratio	Lower	Upper
164	100		
162	103.0	71.4	107.0
160	45.6	27.4	41.2#



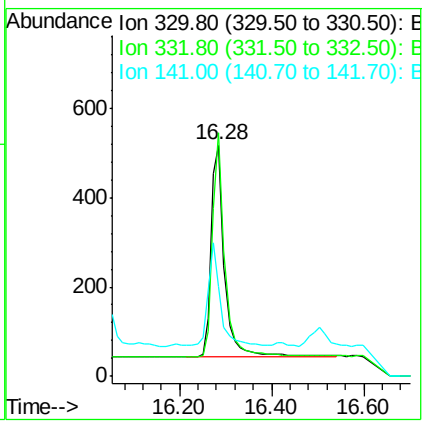


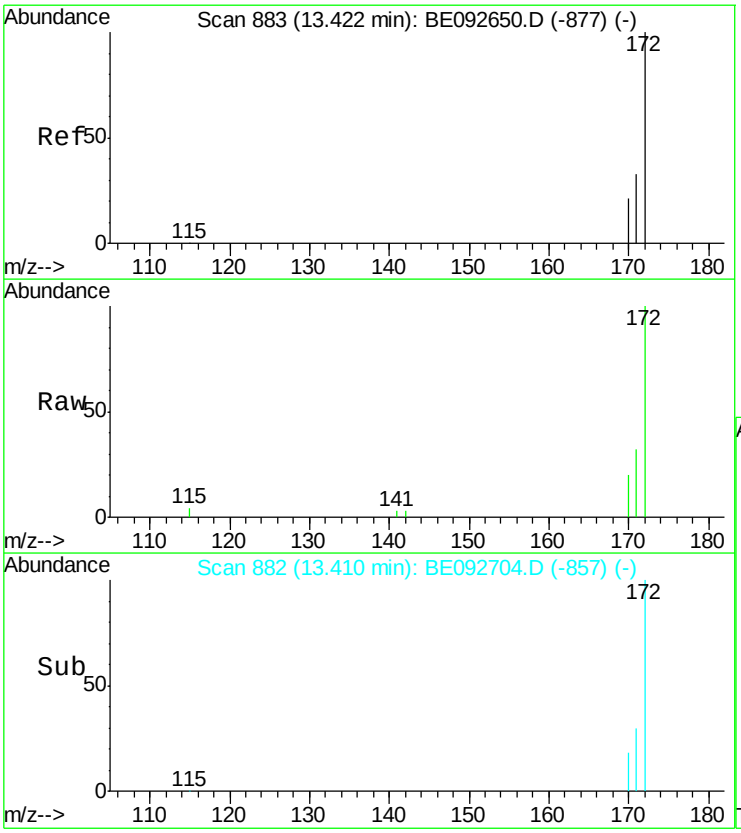
#13
2,4,6-Tribromophenol
Concen: 0.95 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:330 Resp: 968

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	44.5	31.0	46.6

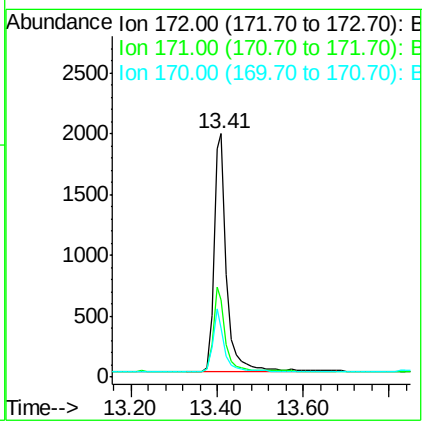


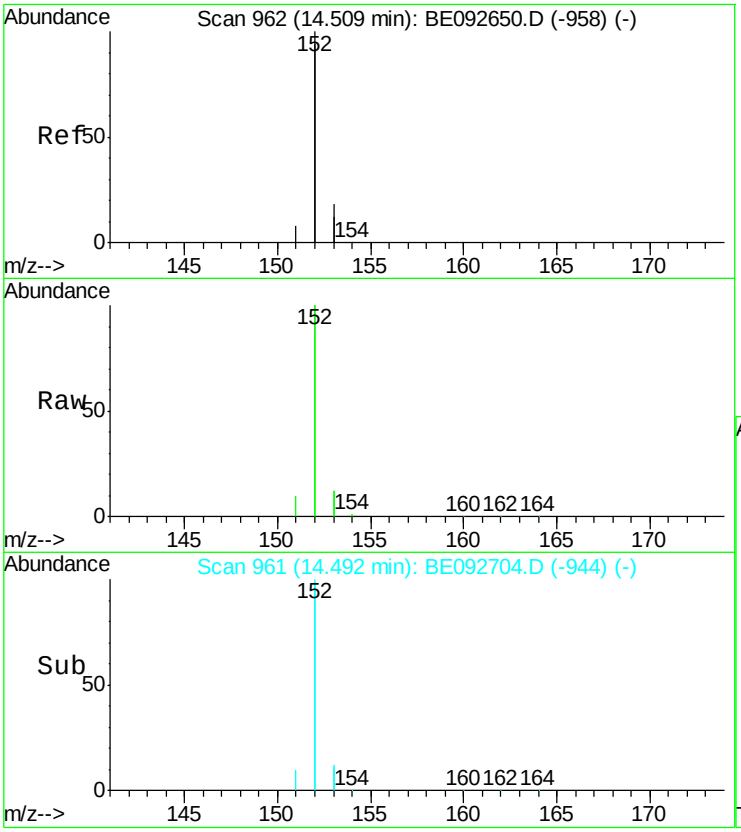


#14
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:172 Resp: 4100

Ion	Ratio	Lower	Upper
172	100		
171	31.7	30.1	45.1
170	20.3	21.8	32.6#



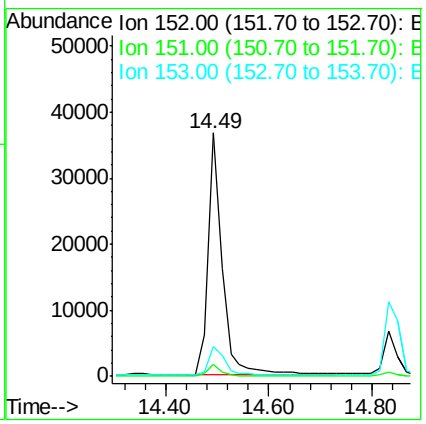


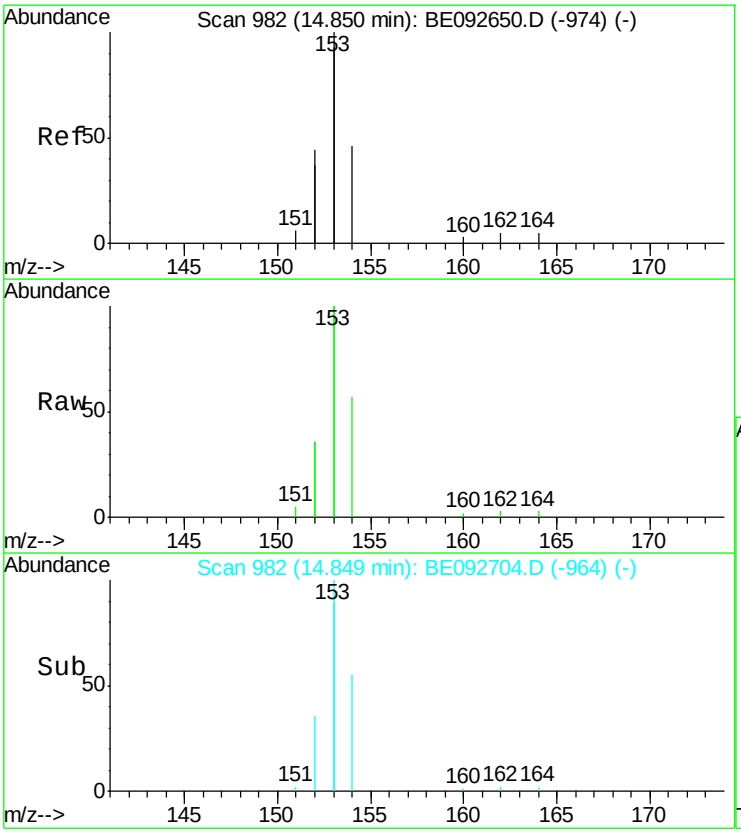
#15
Acenaphthylene
Concen: 1.28 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:152 Resp: 68918

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

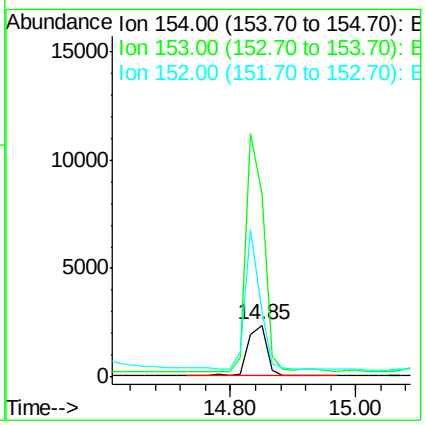


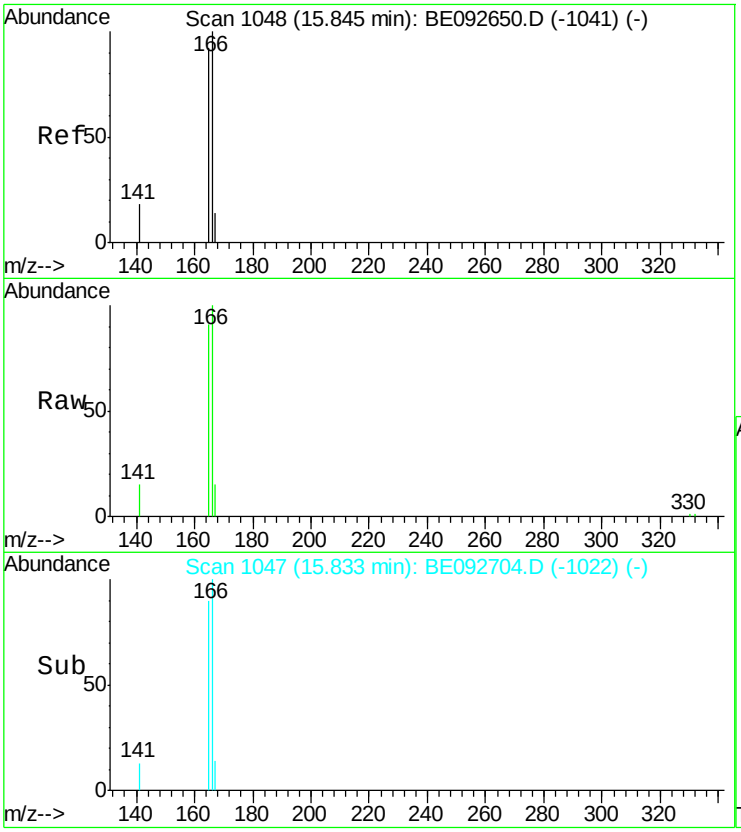


#16
Acenaphthene
Concen: 0.56 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:154 Resp: 4866

Ion	Ratio	Lower	Upper
154	100		
153	446.0	350.8	526.2
152	218.0	171.1	256.7



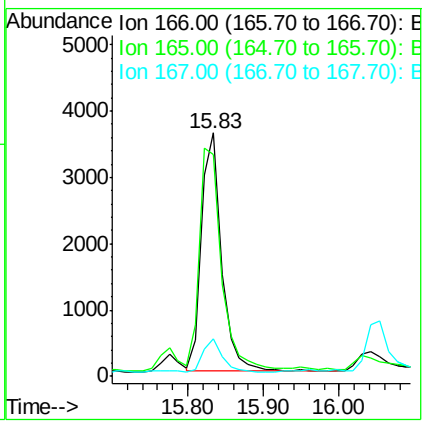


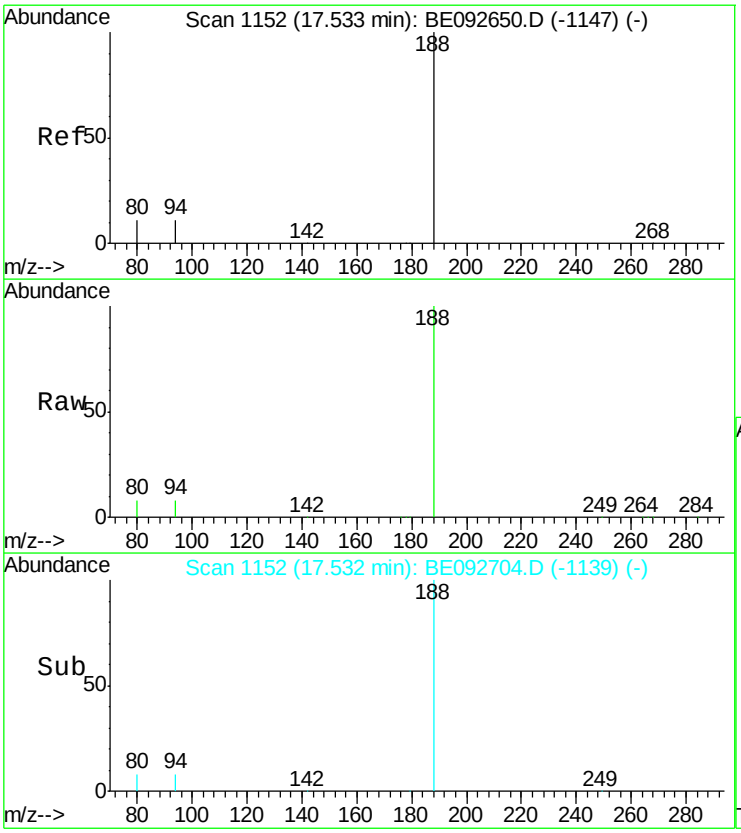
#17
Fluorene
Concen: 0.60 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:166 Resp: 6526

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.2	117.4
167	13.4	11.0	16.4

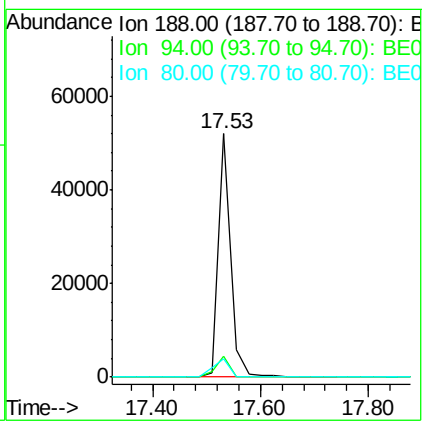


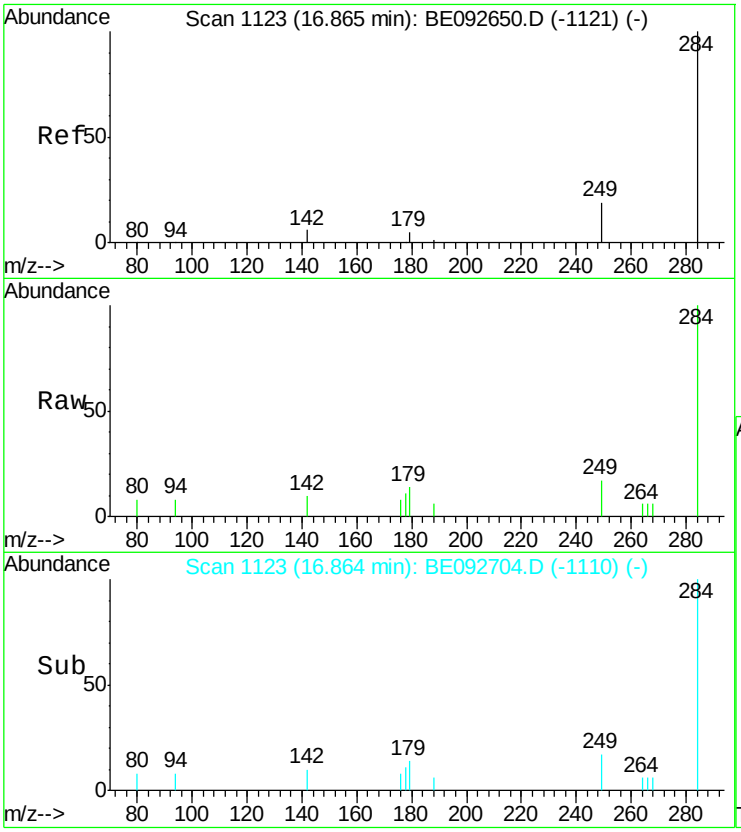


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:188 Resp: 83224

Ion	Ratio	Lower	Upper
188	100		
94	8.3	3.2	4.8#
80	7.6	2.6	3.8#



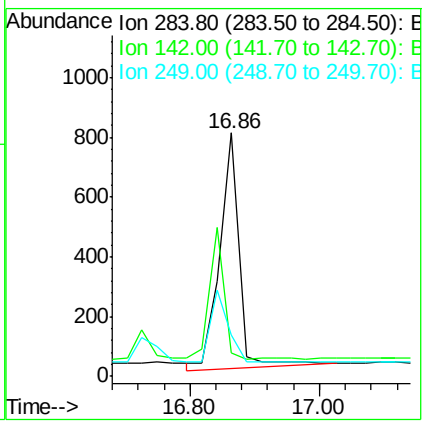


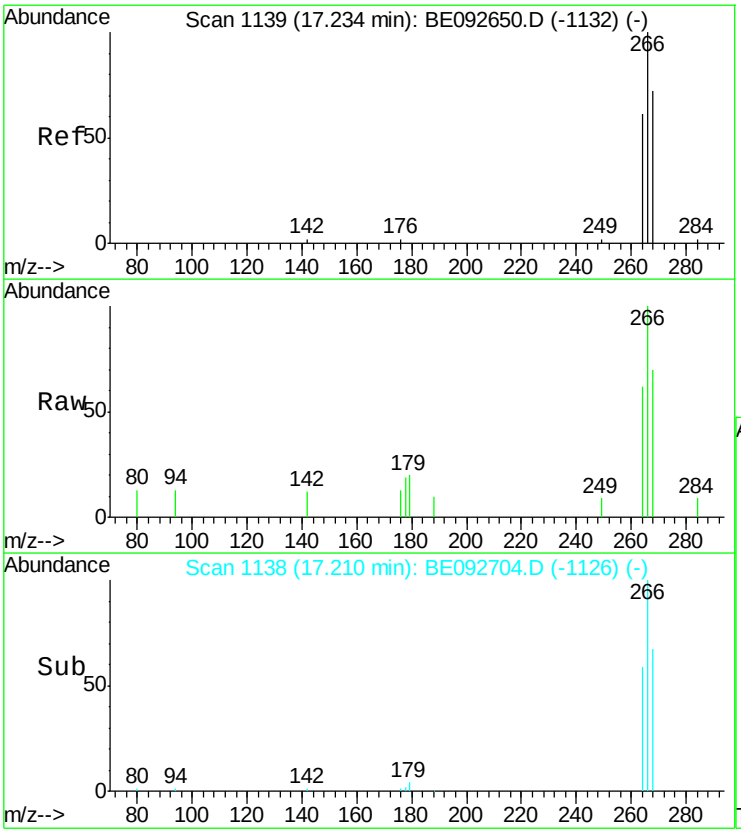
#19
Hexachlorobenzene
Concen: 0.53 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:284 Resp: 1664

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

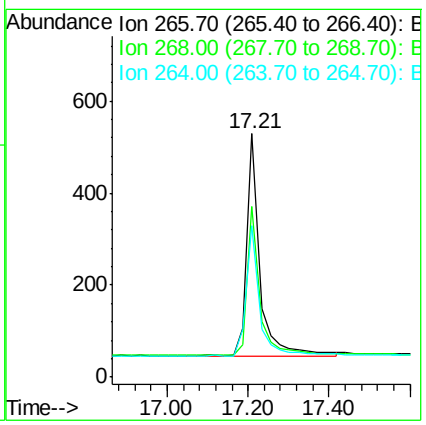


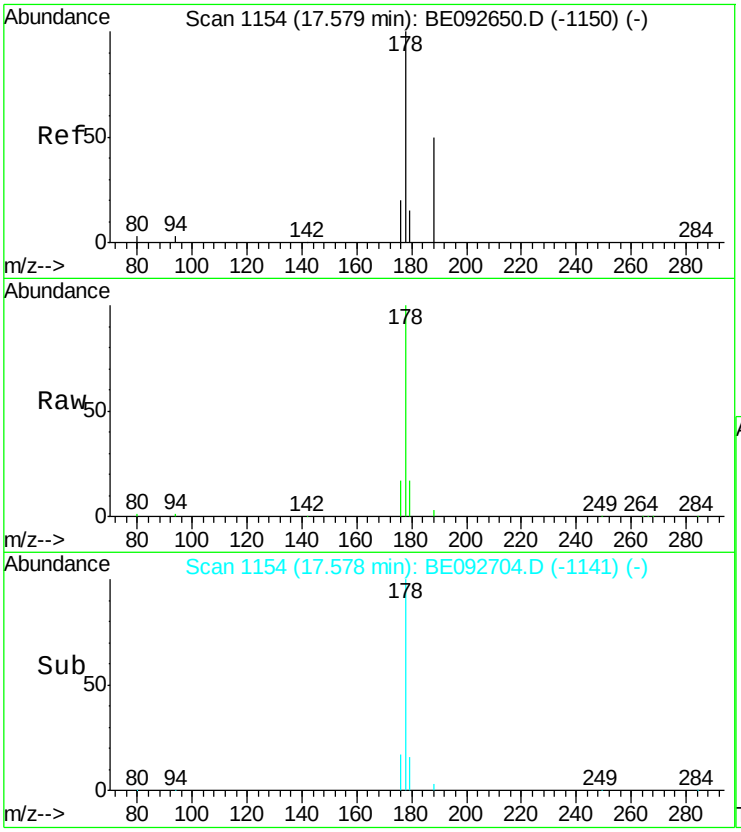


#20
Pentachlorophenol
Concen: 1.26 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:266 Resp: 1075

Ion	Ratio	Lower	Upper
266	100		
268	69.9	62.5	93.7
264	62.2	57.2	85.8



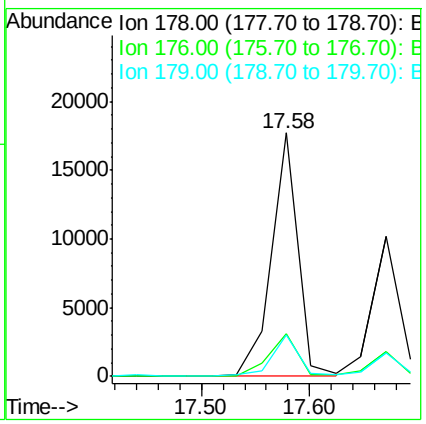


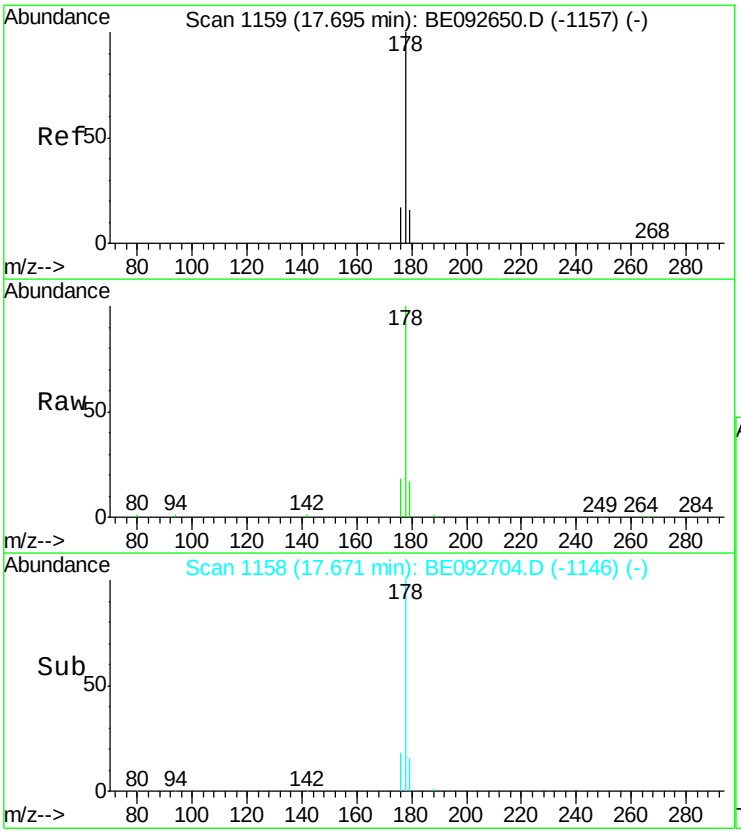
#21
Phenanthrene
Concen: 1.64 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:178 Resp: 30120

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.1	16.0	24.0

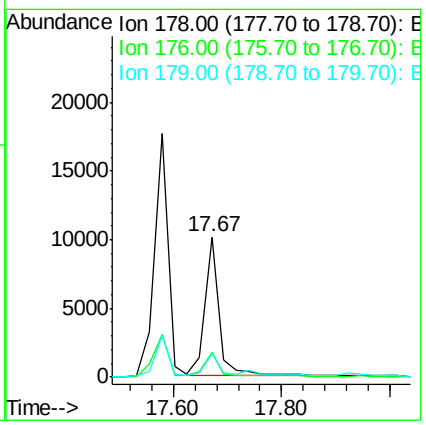


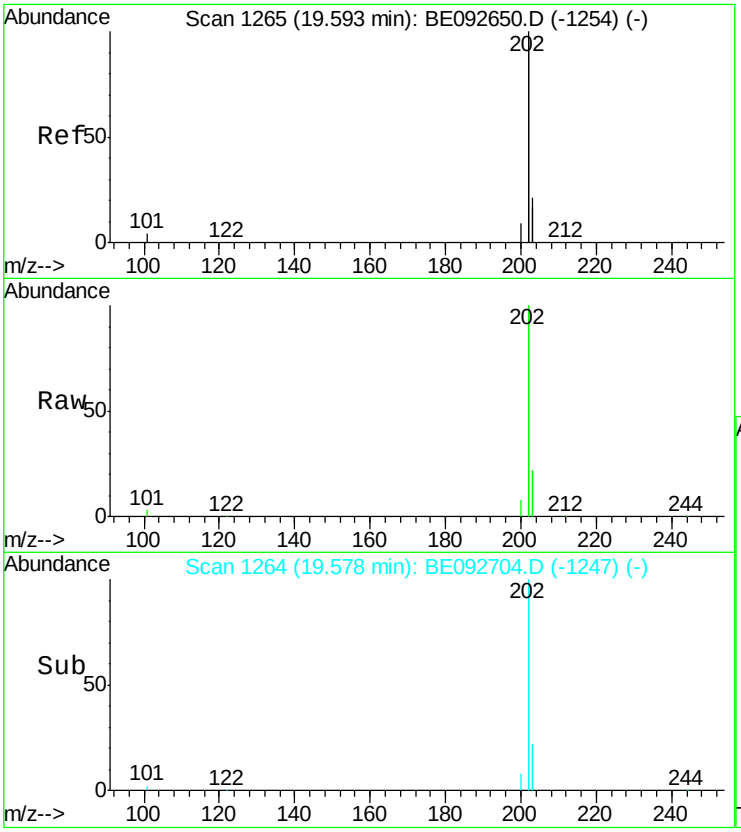


#22
Anthracene
Concen: 1.12 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:178 Resp: 18934

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	14.9	12.2	18.2



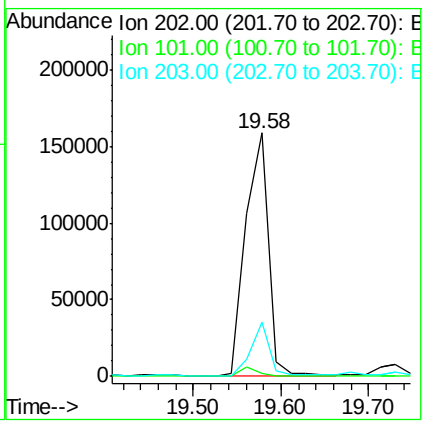


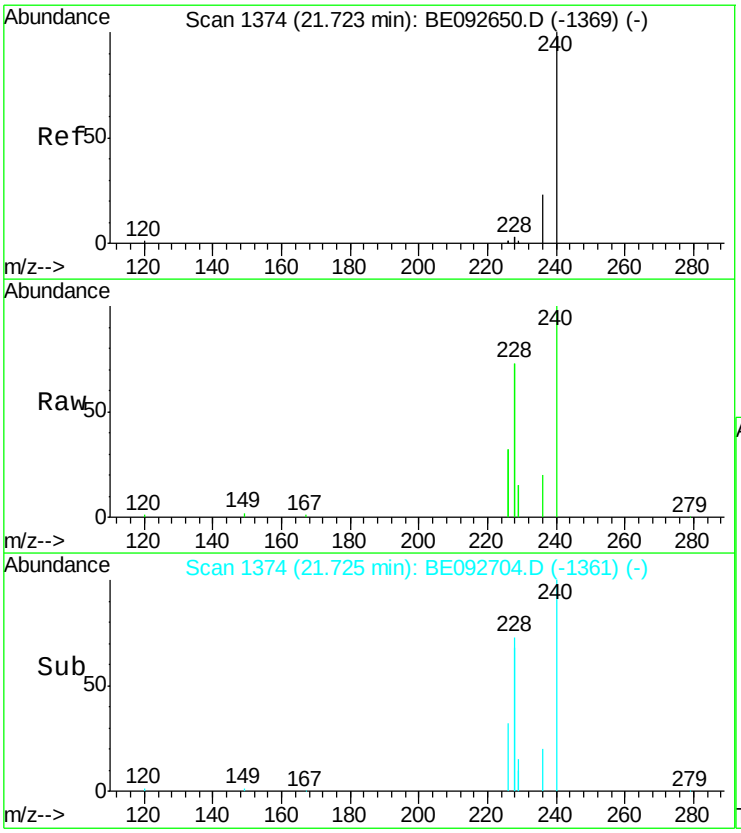
#23
Fluoranthene
Concen: 3.50 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:202 Resp: 285528

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

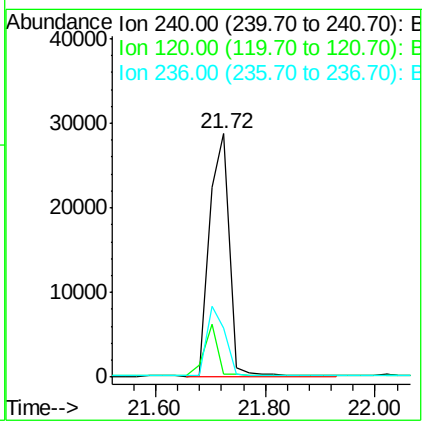


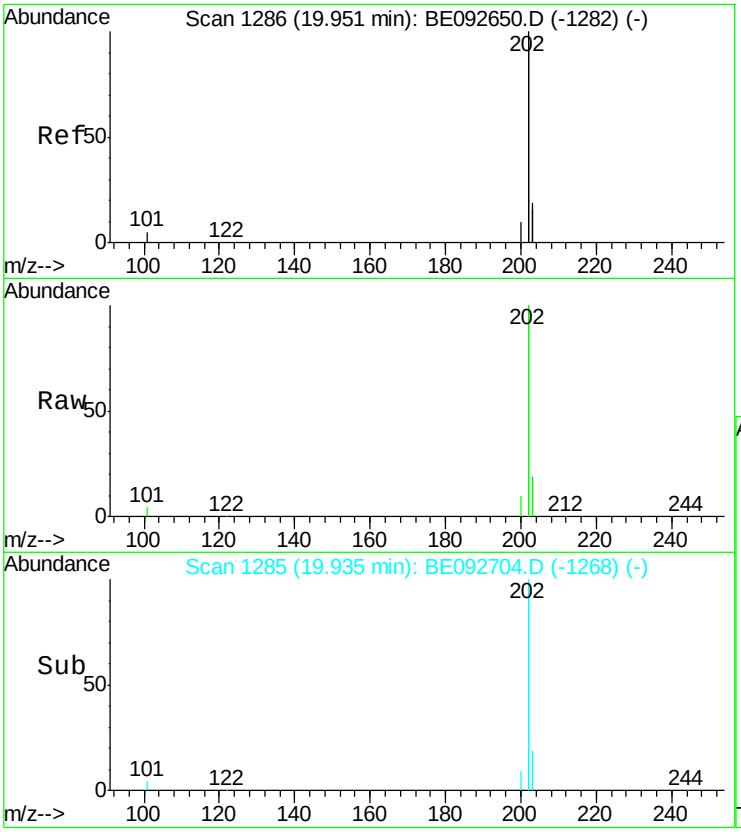


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:240 Resp: 72446

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	20.1	24.6	37.0#



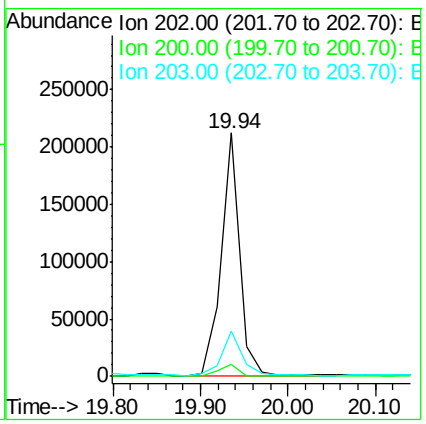


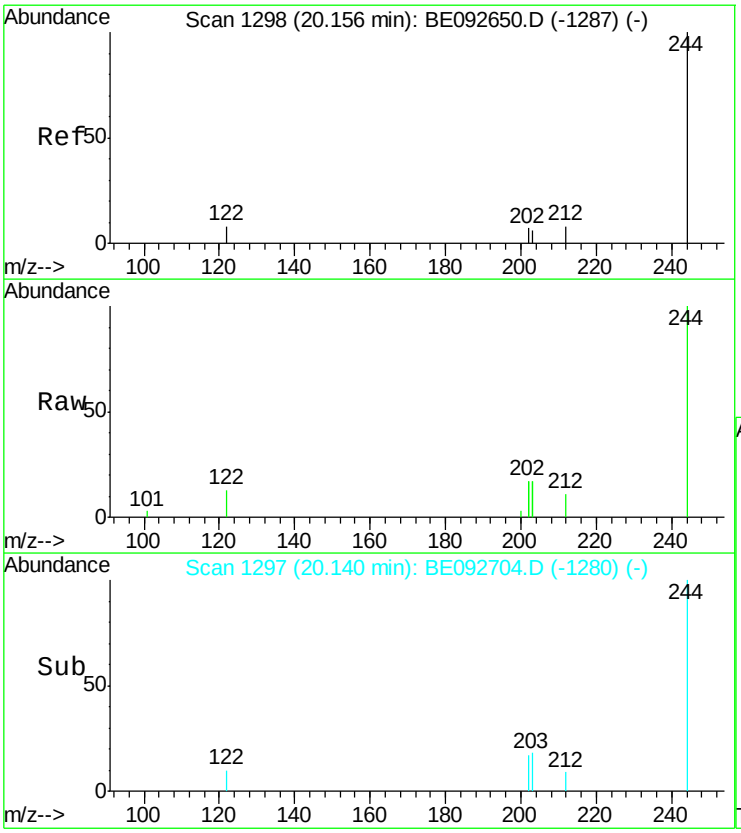
#25
Pyrene
Concen: 4.36 ng
RT: 19.94 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:202 Resp: 311172

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	20.5	13.9	20.9

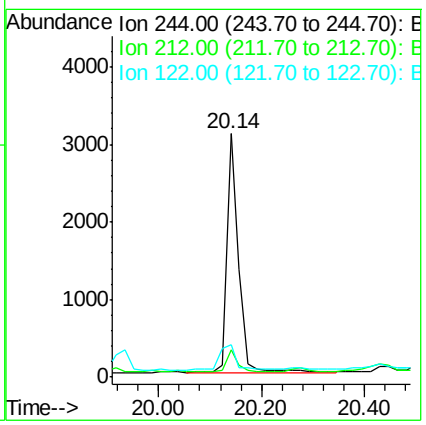


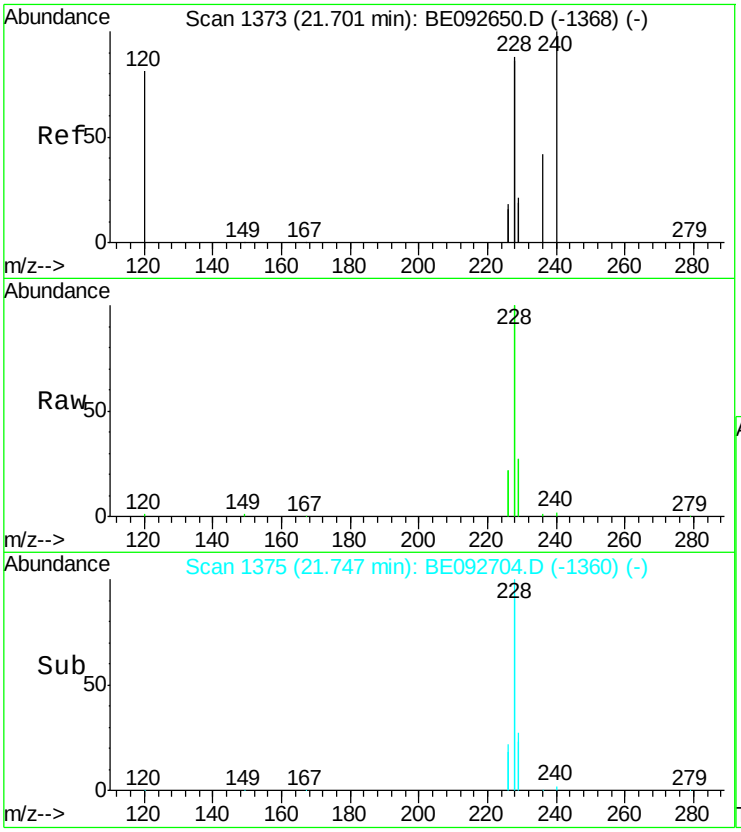


#26
Terphenyl-d14
Concen: 0.48 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:244 Resp: 4904

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.7	10.1#
122	13.1	3.6	5.4#



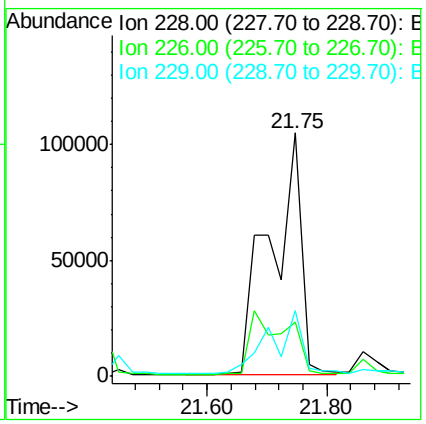


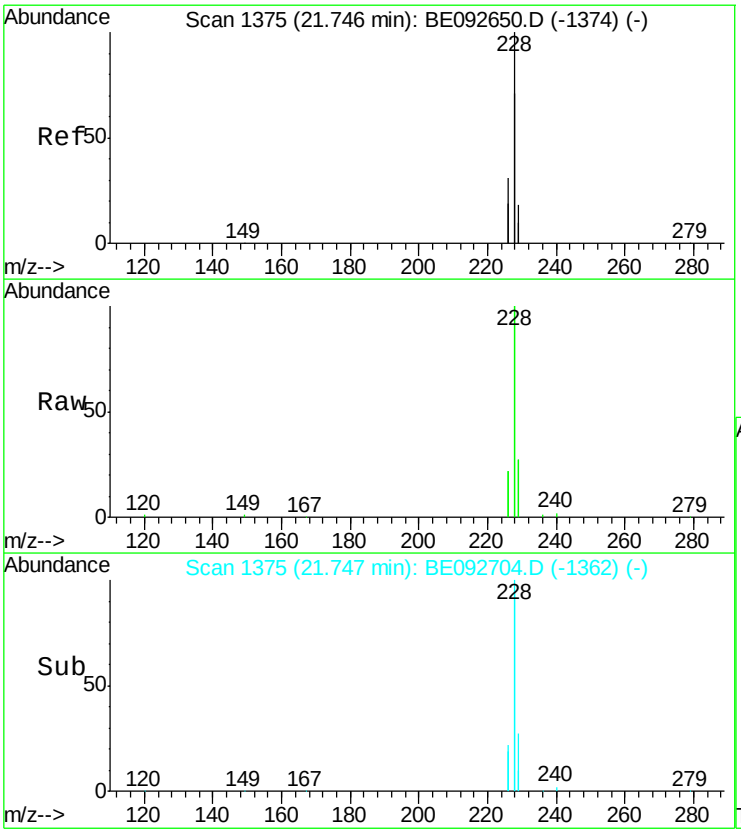
#27
Benzo(a)anthracene
Concen: 5.23 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:228 Resp: 373301

Ion	Ratio	Lower	Upper
228	100		
226	22.4	23.6	35.4#
229	26.8	13.3	19.9#

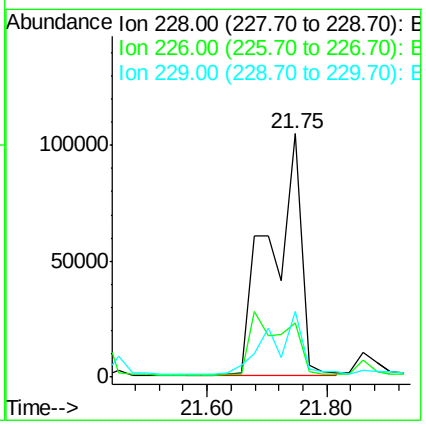


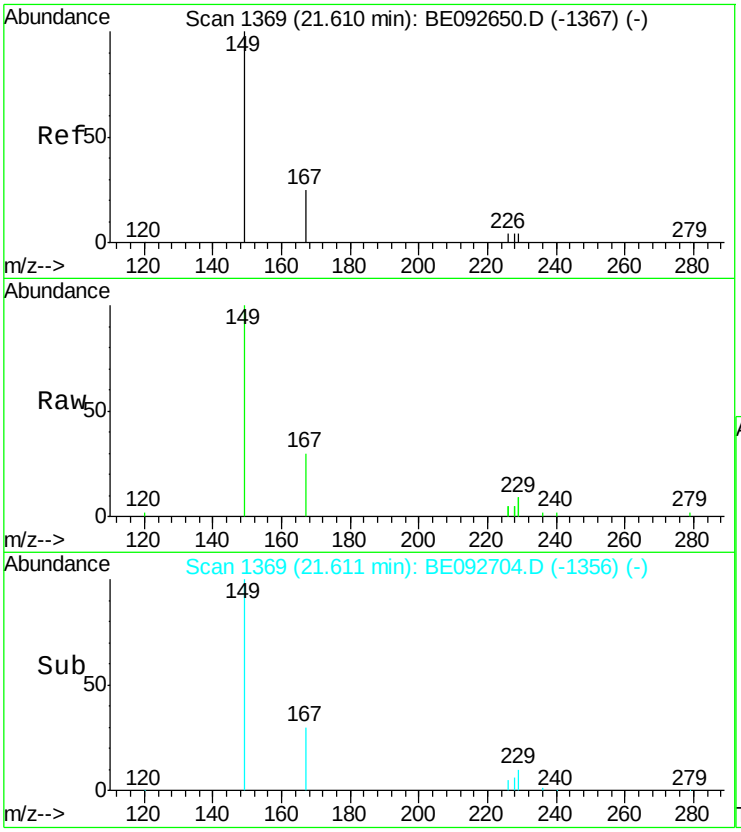


#28
Chrysene
Concen: 4.65 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:228 Resp: 373301

Ion	Ratio	Lower	Upper
228	100		
226	22.4	36.3	54.5#
229	26.8	10.6	16.0#



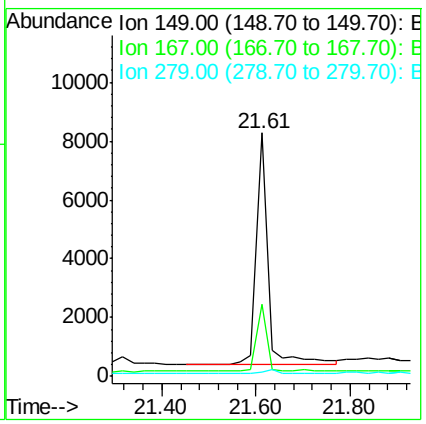


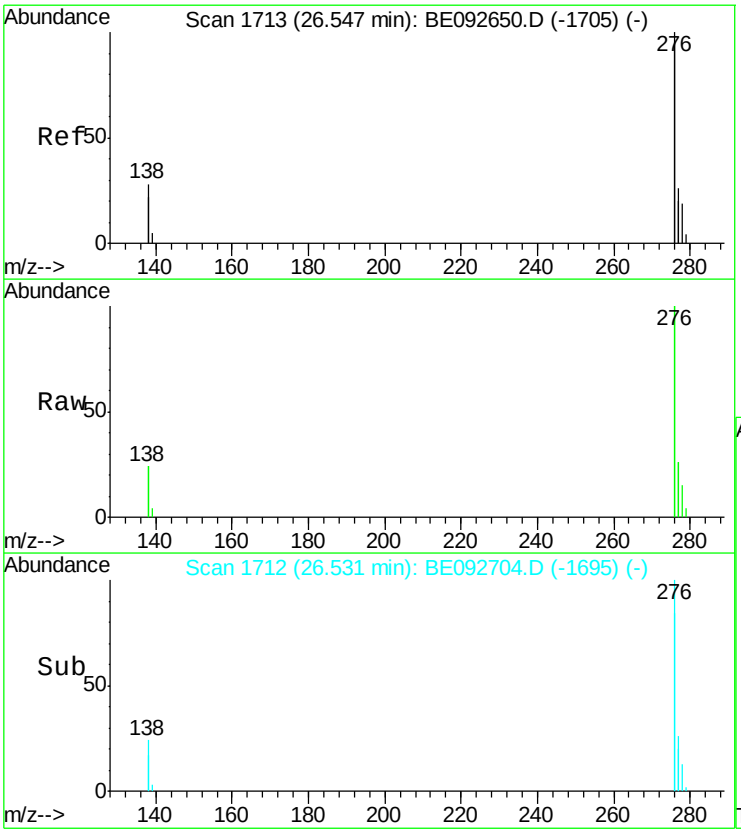
#29
Bis(2-ethylhexyl)phthalate
Concen: 1.14 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:149 Resp: 13757

Ion	Ratio	Lower	Upper
149	100		
167	24.4	16.0	24.0#
279	0.0	16.0	24.0#

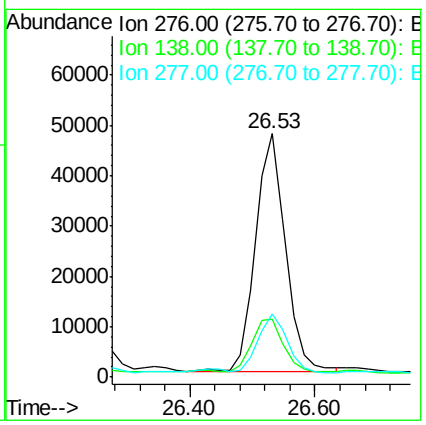


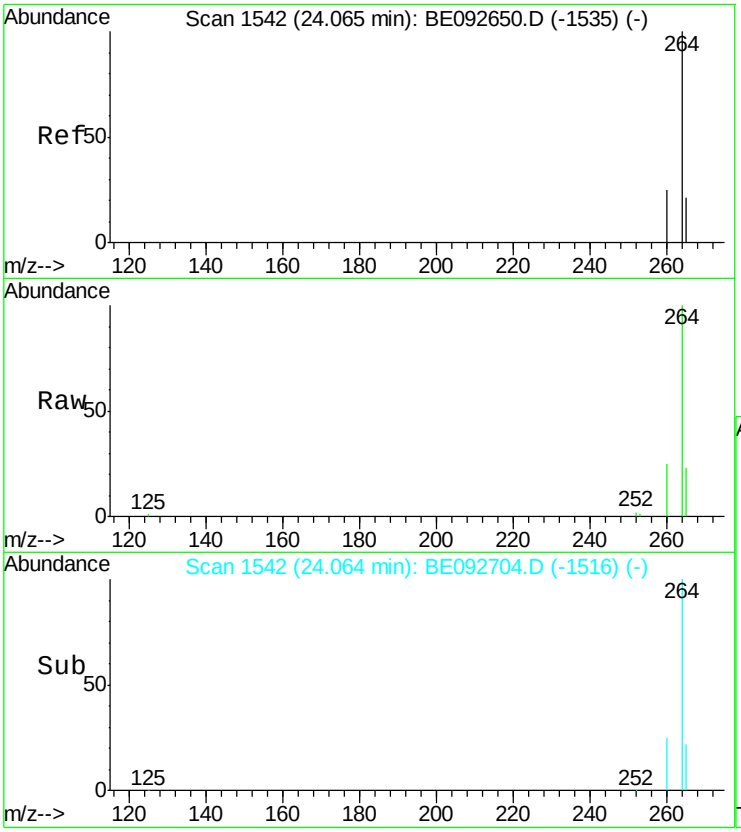


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.81 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:276 Resp: 157300

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.3	30.5
277	23.8	19.7	29.5



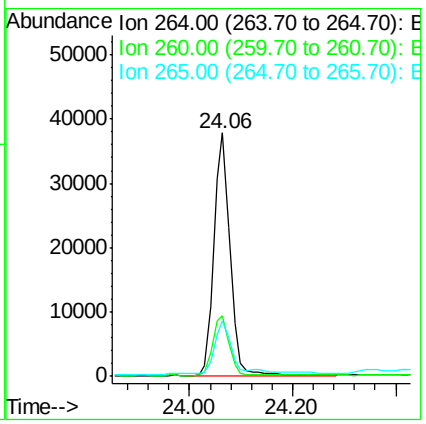


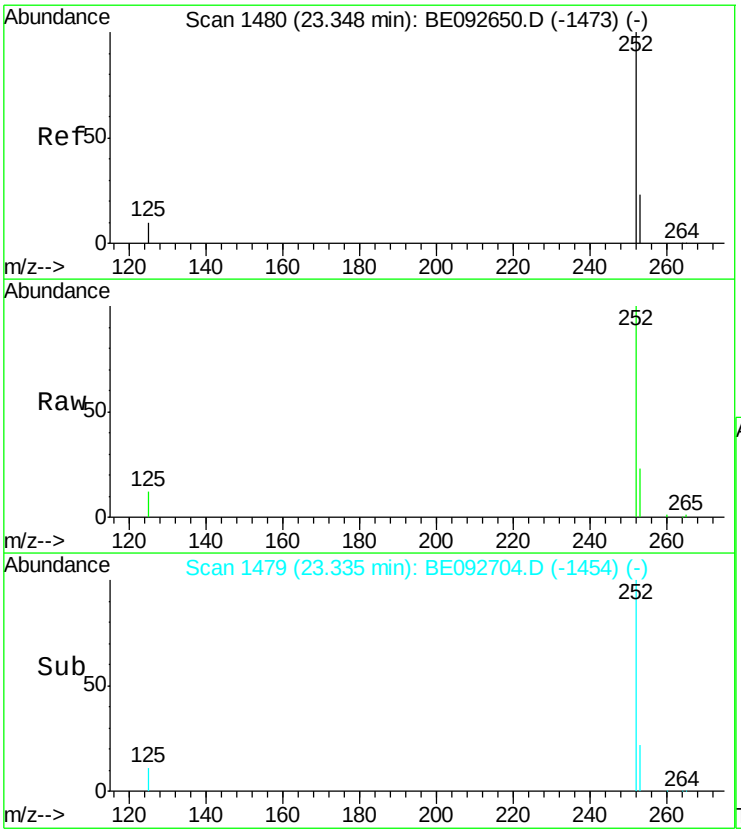
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:264 Resp: 81702

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.5	17.9	26.9

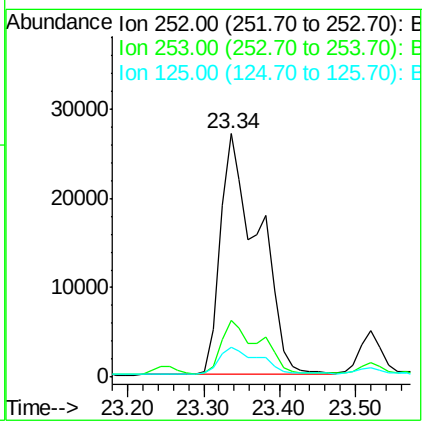


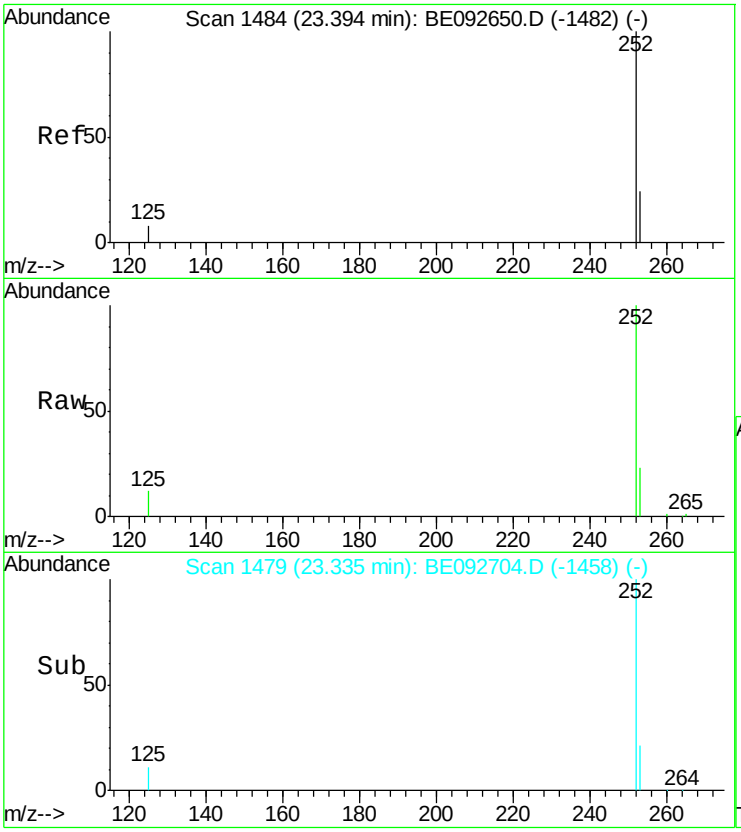


#32
Benzo(b)fluoranthene
Concen: 4.79 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:252 Resp: 94749

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	12.2	10.5	15.7



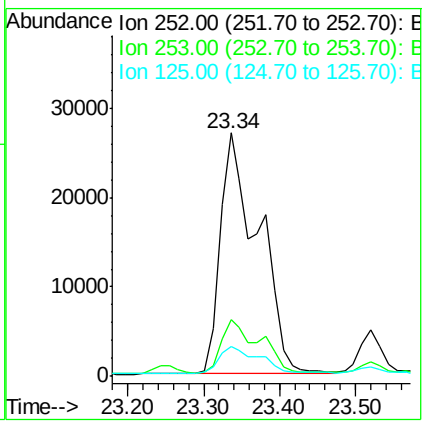


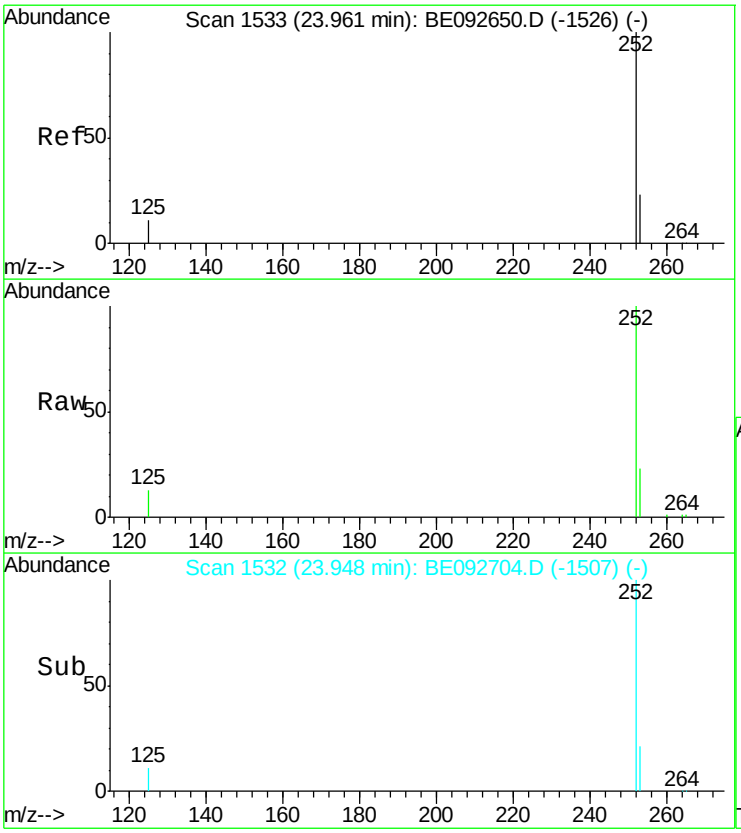
#33
Benzo(k)fluoranthene
Concen: 4.77 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.06 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:252 Resp: 94749

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.3	30.5
125	12.2	9.6	14.4

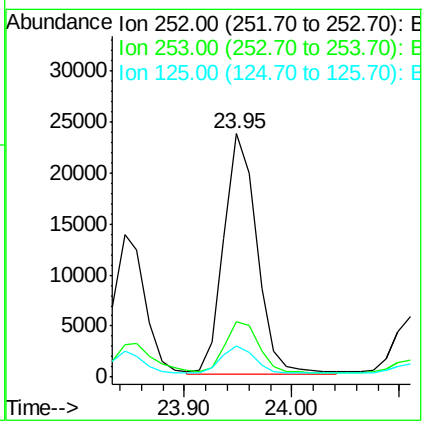


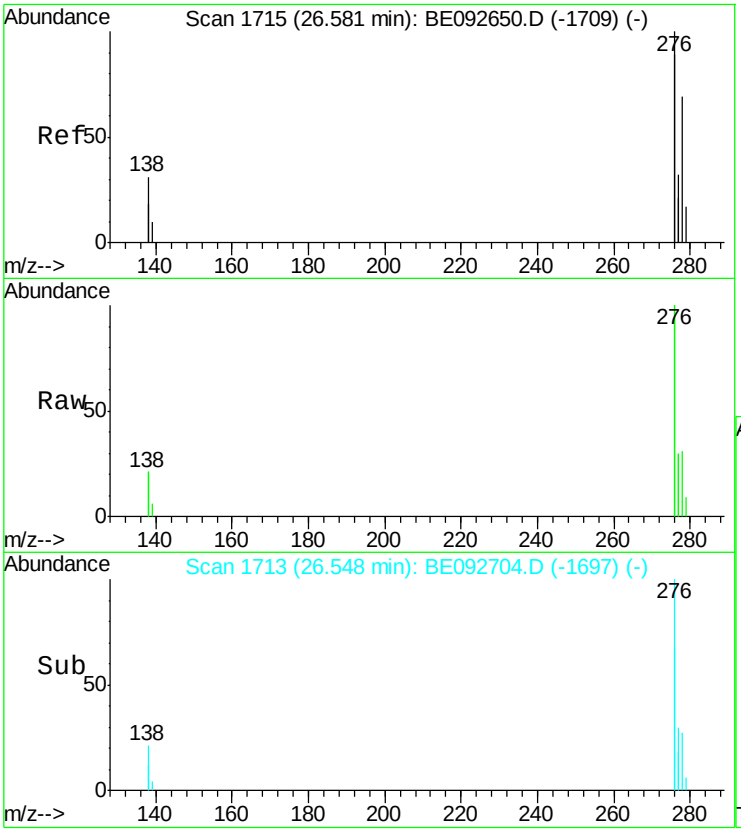


#34
Benzo(a)pyrene
Concen: 2.70 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:252 Resp: 50185

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	12.9	11.8	17.8



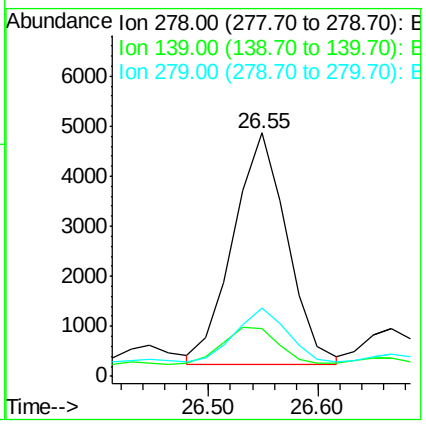


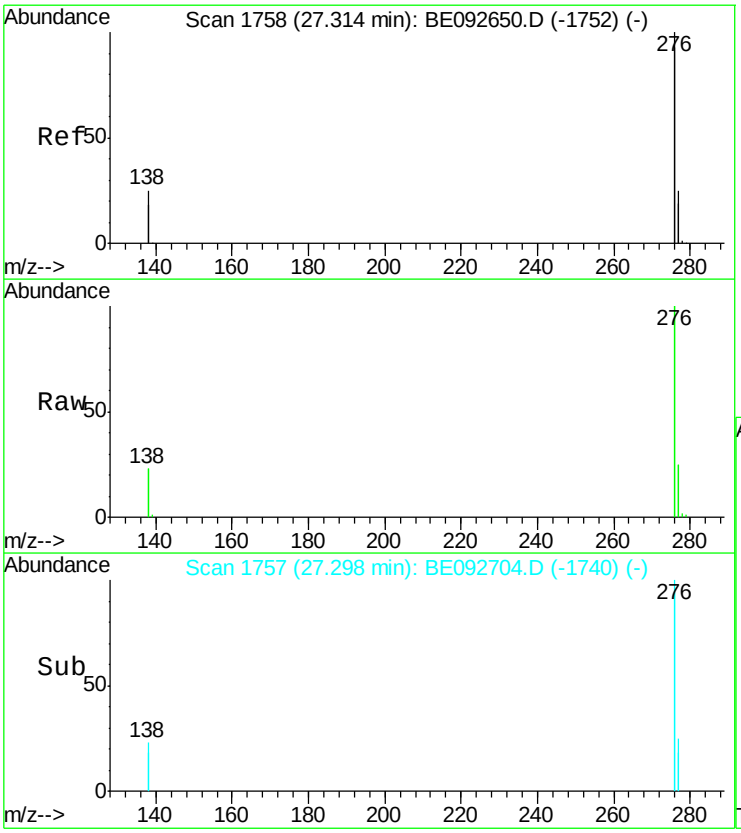
#35
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Instrument :
BNA_E
ClientSampleId :
SB-01CMSD

Tgt Ion:278 Resp: 15815

Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.8	20.8
279	27.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 2.01 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092704.D
Acq: 1 Feb 2017 1:51

Tgt Ion:276 Resp: 154696

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	23.3	19.8	29.6