Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092793.D
Acq On : 6 Mar 2017 18:56
Operator : SJ/MA
Sample : PB97289BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB97289BSD

Quant Time: Mar 07 02:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10943	5.00	ng		-0.02
7) Naphthalene-d8	10.87	136	45122	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	23589	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	49906	5.00	ng		0.00
24) Chrysene-d12	21.68	240	71458	5.00	ng		-0.02
31) Perylene-d12	24.01	264	58289	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	20096	8.68	ng		-0.03
5) Phenol-d6	7.27	99	25463	9.23	ng		-0.04
8) Nitrobenzene-d5	9.27	82	12032	4.36	ng		-0.04
13) 2,4,6-Tribromophenol	16.24	330	6265	10.09	ng		-0.04
14) 2-Fluorobiphenyl	13.36	172	26616	4.78	ng		-0.04
26) Terphenyl-d14	20.12	244	33047	3.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	5007	3.84	ng	#	75
3) n-Nitrosodimethylamine	3.68	42	7257	3.95	ng		95
6) bis(2-Chloroethyl)ether	7.52	93	10727	3.57	ng	#	26
9) Naphthalene	10.91	128	37757	3.91	ng	#	95
10) Hexachlorobutadiene	11.20	225	5740	4.13	ng		99
11) 2-Methylnaphthalene	12.54	142	24675	3.95	ng		97
15) Acenaphthylene	14.46	152	156975	4.33	ng		100
16) Acenaphthene	14.80	154	23510	4.63	ng		94
17) Fluorene	15.80	166	30948	4.49	ng		100
19) Hexachlorobenzene	16.82	284	8620	4.22	ng	#	67
20) Pentachlorophenol	17.16	266	7107	9.60	ng	#	85
21) Phenanthrene	17.53	178	50850	4.25	ng	#	94
22) Anthracene	17.63	178	49138	4.07	ng		99
23) Fluoranthene	19.54	202	230494	3.95	ng		99
25) Pyrene	19.90	202	238668	3.69	ng		99
27) Benzo(a)anthracene	21.65	228	514843	6.90	ng		98
28) Chrysene	21.65	228	516247	7.88	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.59	149	19988	3.20	ng	#	71
30) Indeno(1,2,3-cd)pyrene	26.45	276	304932	4.30	ng		96
32) Benzo(b)fluoranthene	23.28	252	61329	3.95	ng		95
33) Benzo(k)fluoranthene	23.34	252	69569	4.45	ng		95
34) Benzo(a)pyrene	23.89	252	61110	4.33	ng		94
35) Dibenzo(a,h)anthracene	26.46	278	64928	4.81	ng		96
36) Benzo(g,h,i)perylene	27.20	276	262879	4.55	ng		98

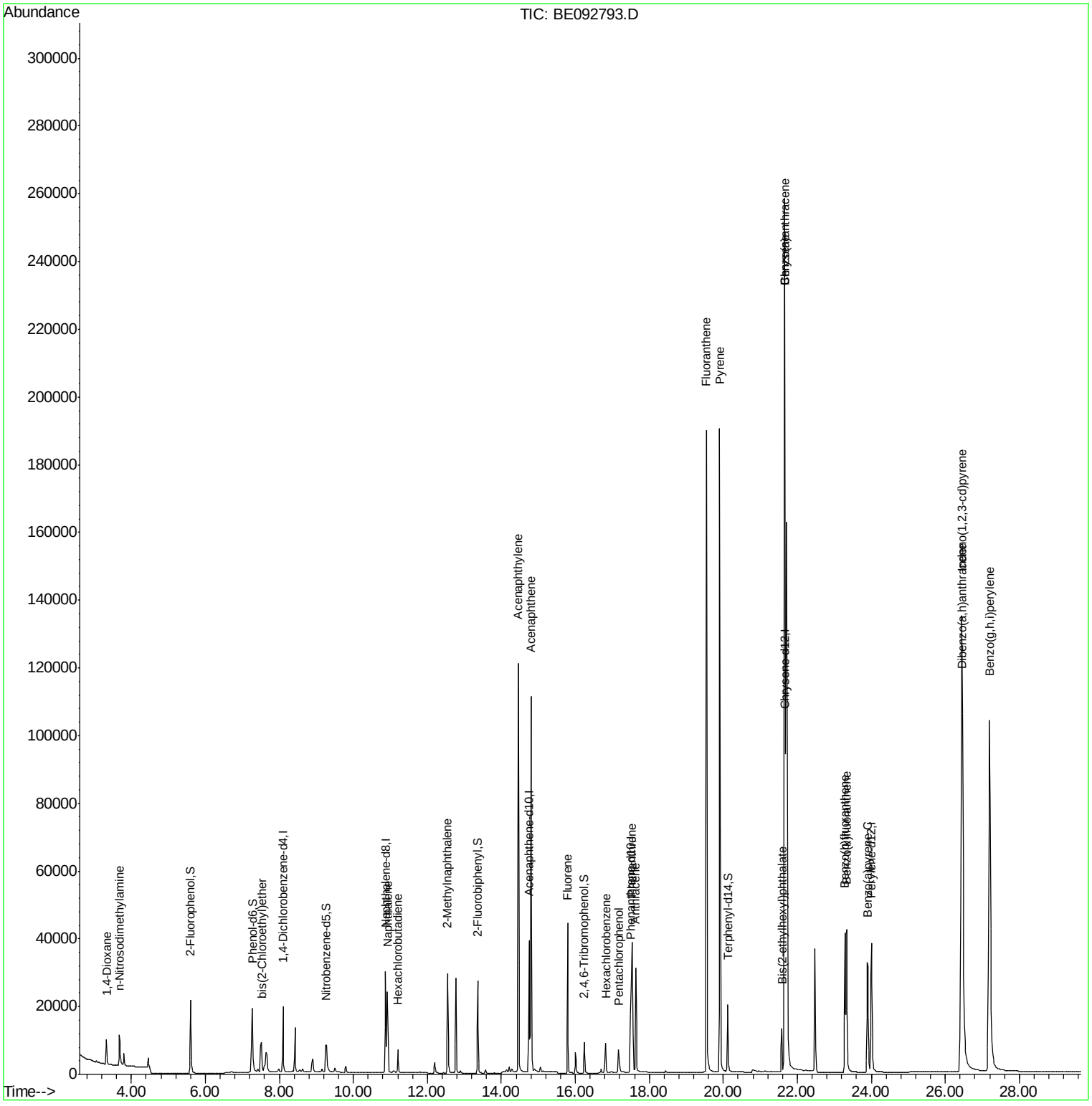
(#) = qualifier out of range (m) = manual integration (+) = signals summed

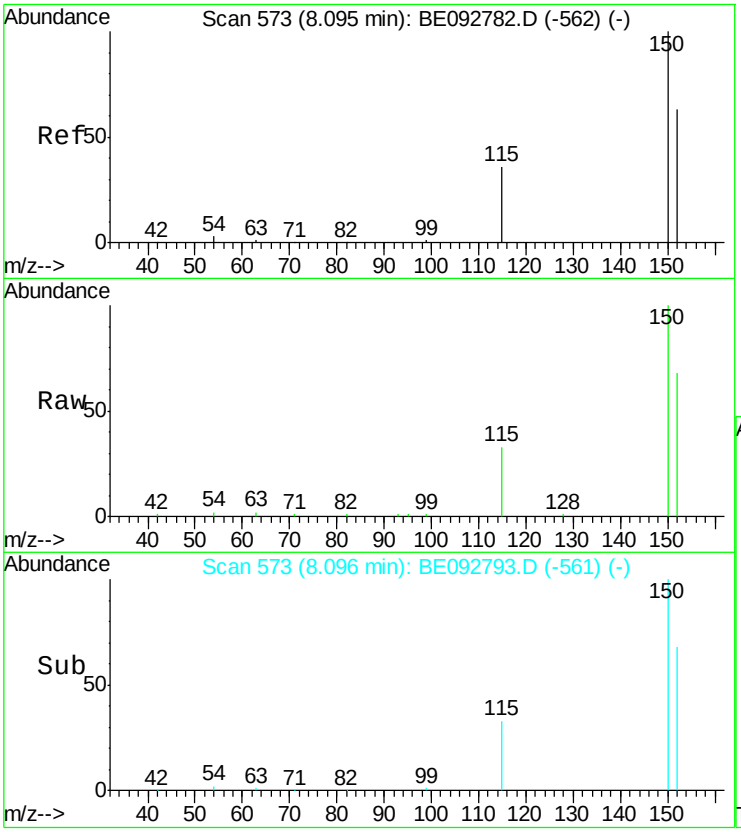
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092793.D
Acq On : 6 Mar 2017 18:56
Operator : SJ/MA
Sample : PB97289BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Quant Time: Mar 07 02:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration



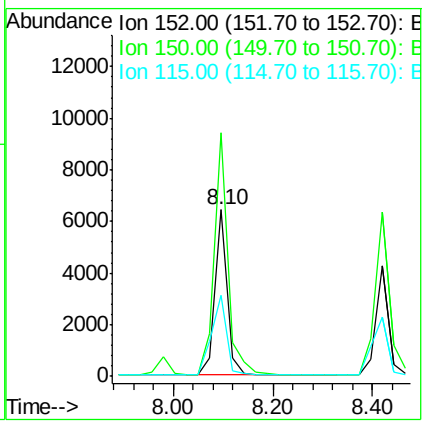


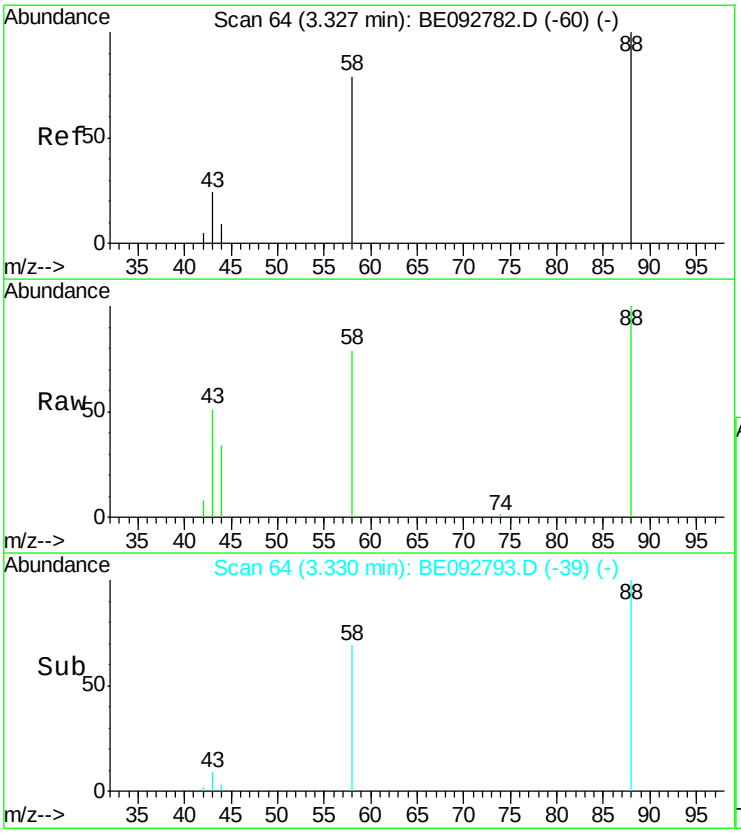
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:152 Resp: 10943

Ion	Ratio	Lower	Upper
152	100		
150	146.3	106.0	159.0
115	48.8	31.2	46.8#

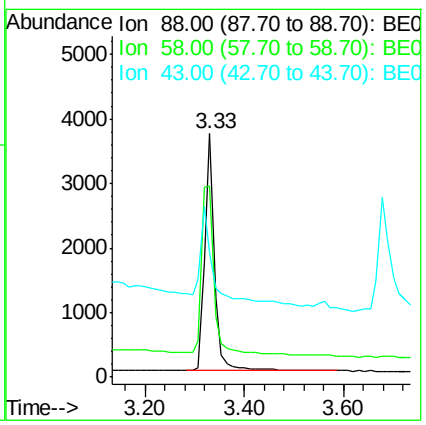


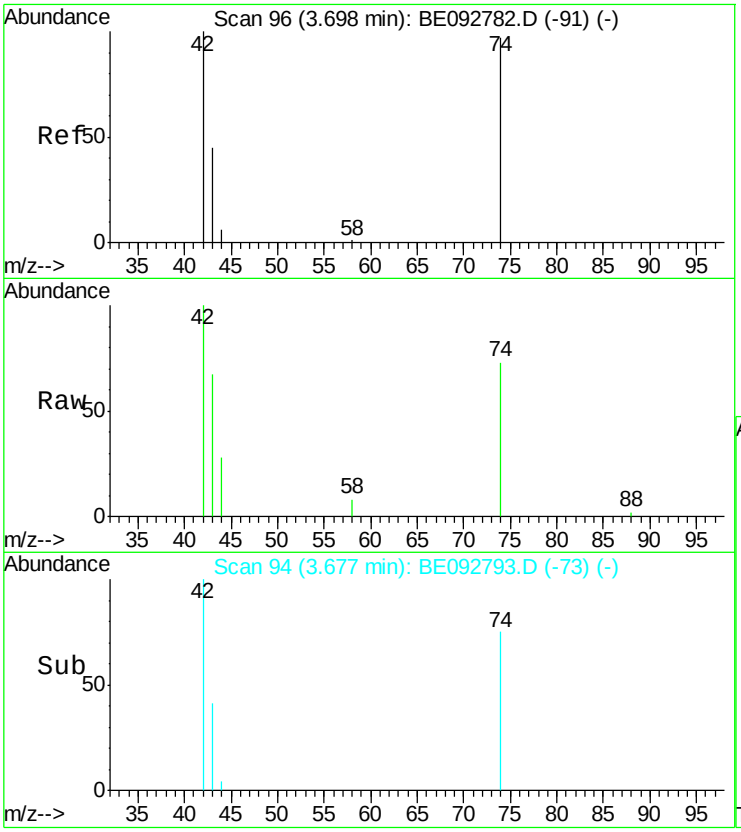


#2
1,4-Dioxane
Concen: 3.84 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion: 88 Resp: 5007

Ion	Ratio	Lower	Upper
88	100		
58	95.1	63.6	95.4
43	59.3	28.0	42.0#



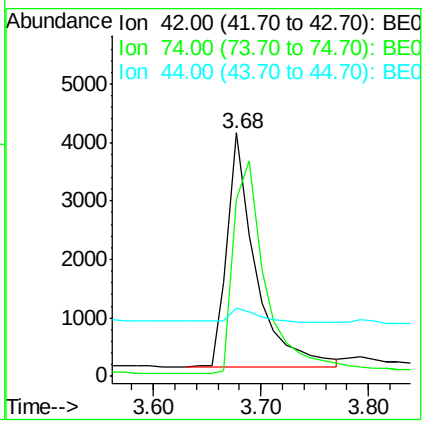


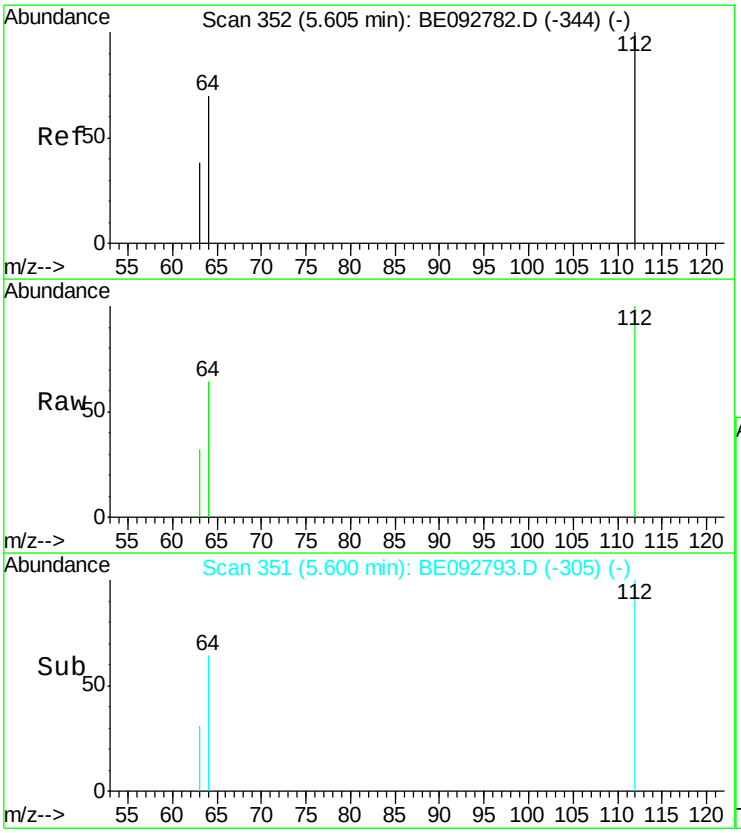
#3
n-Nitrosodimethylamine
Concen: 3.95 ng
RT: 3.68 min Scan# 94
Delta R.T. -0.06 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion: 42 Resp: 7257

Ion	Ratio	Lower	Upper
42	100		
74	113.2	86.0	129.0
44	6.6	5.1	7.7

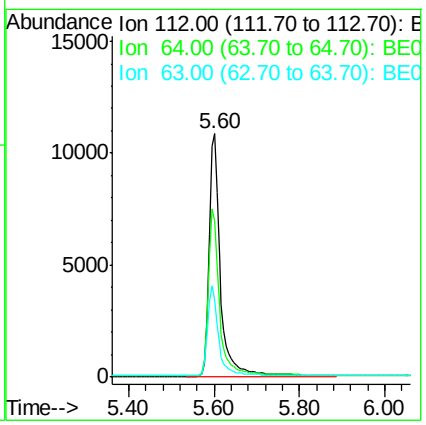


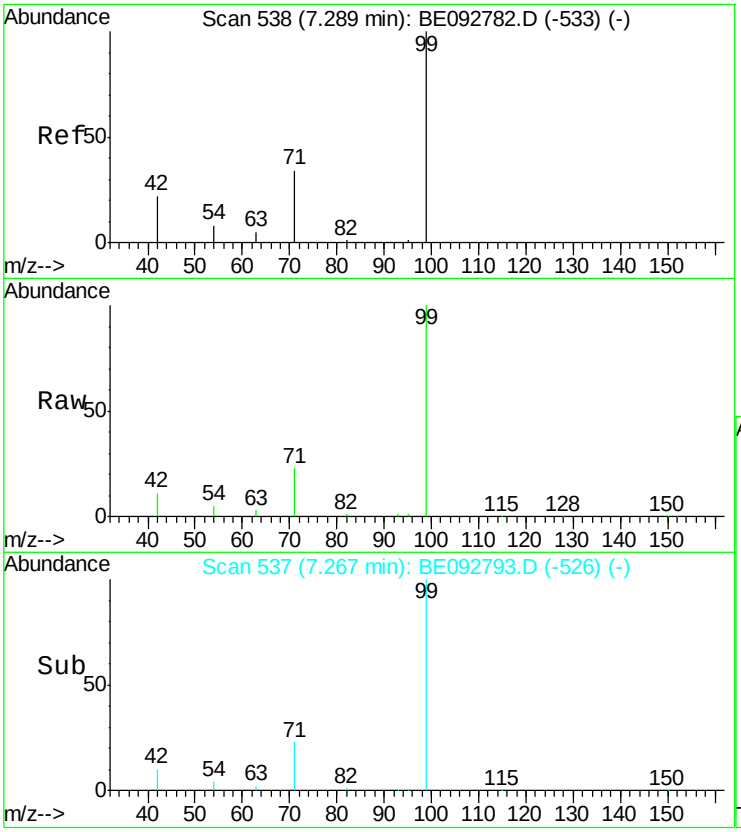


#4
2-Fluorophenol
Concen: 8.68 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:112 Resp: 20096

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.5	80.3
63	36.7	27.9	41.9



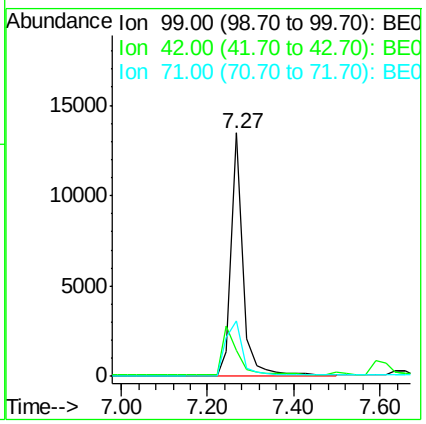


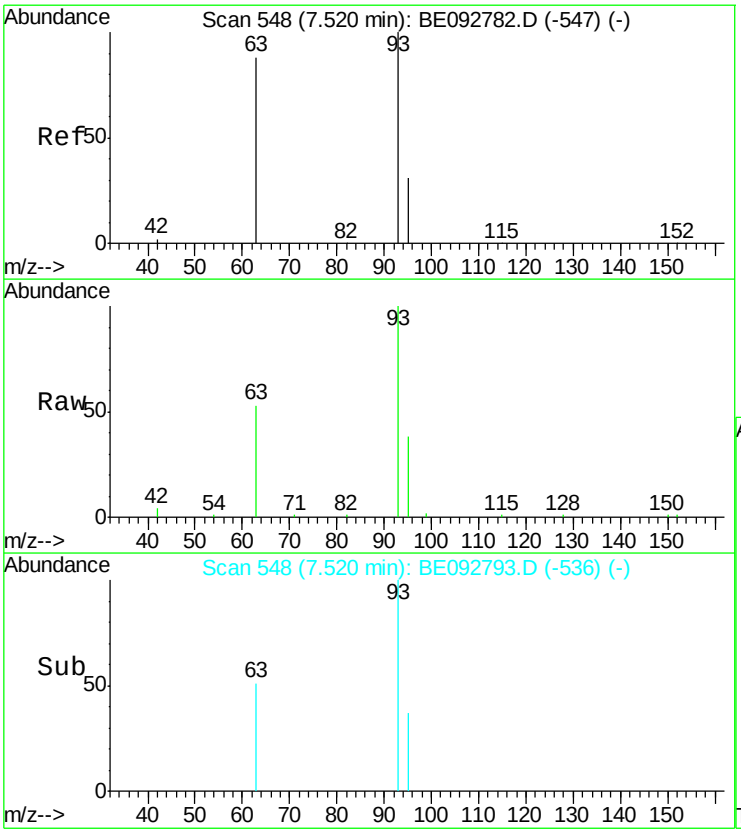
#5
Phenol-d6
Concen: 9.23 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion: 99 Resp: 25463

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.8	30.6	45.8

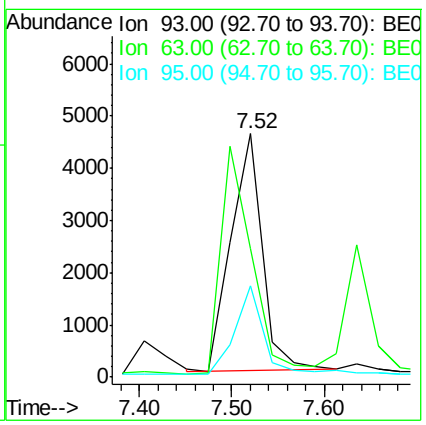


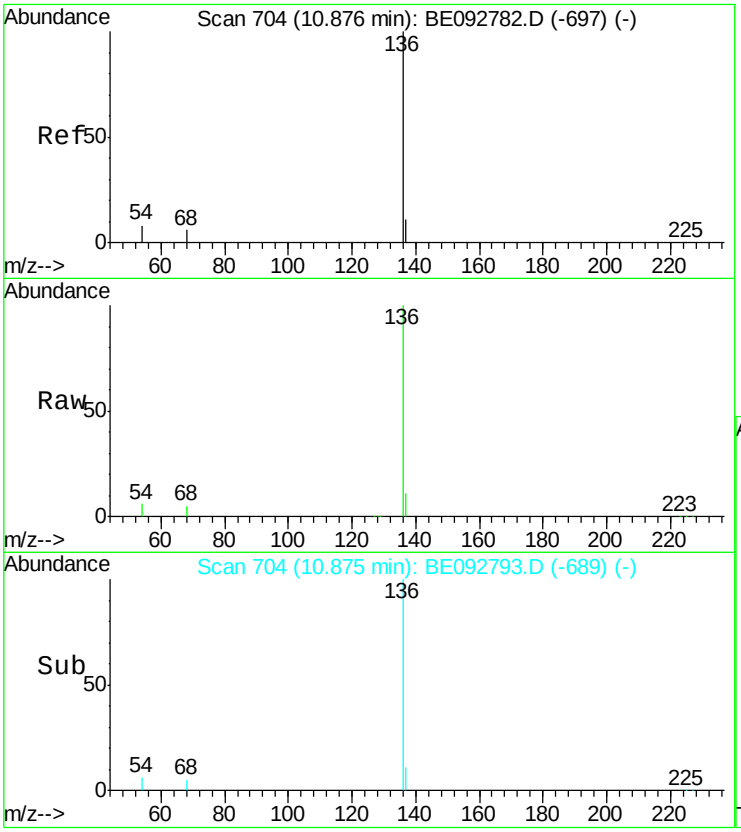


#6
bis(2-Chloroethyl)ether
Concen: 3.57 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion: 93 Resp: 10727

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	35.7	24.0	36.0



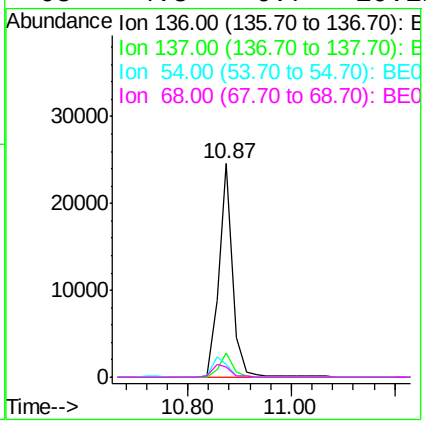


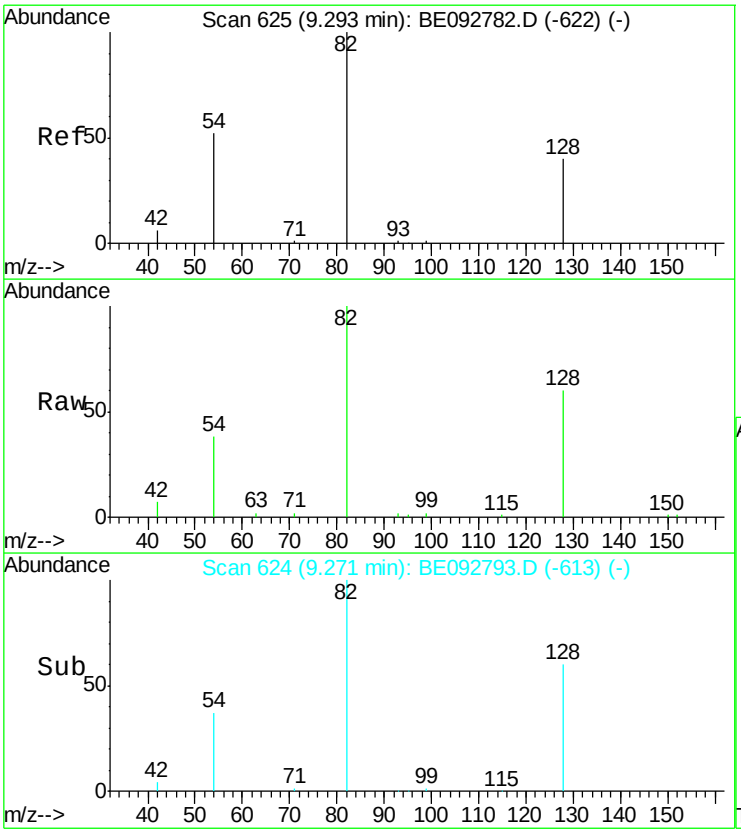
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.87 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:136 Resp: 45122

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	6.2	9.6	14.4#
68	4.8	6.7	10.1#

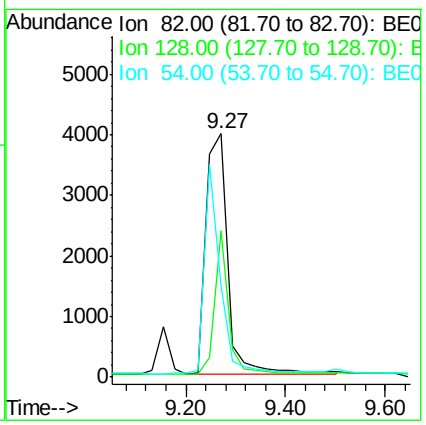


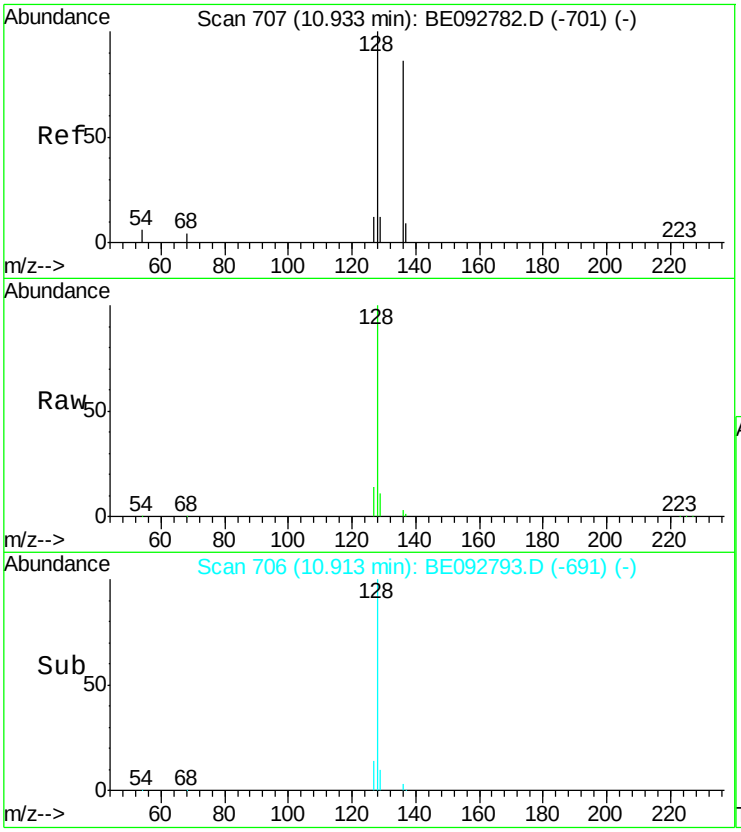


#8
Nitrobenzene-d5
Concen: 4.36 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion: 82 Resp: 12032

Ion	Ratio	Lower	Upper
82	100		
128	60.1	39.0	58.4#
54	37.7	44.8	67.2#



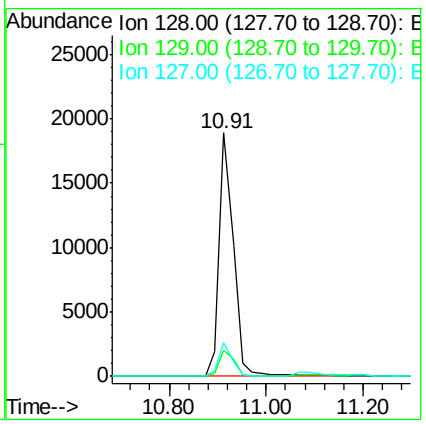


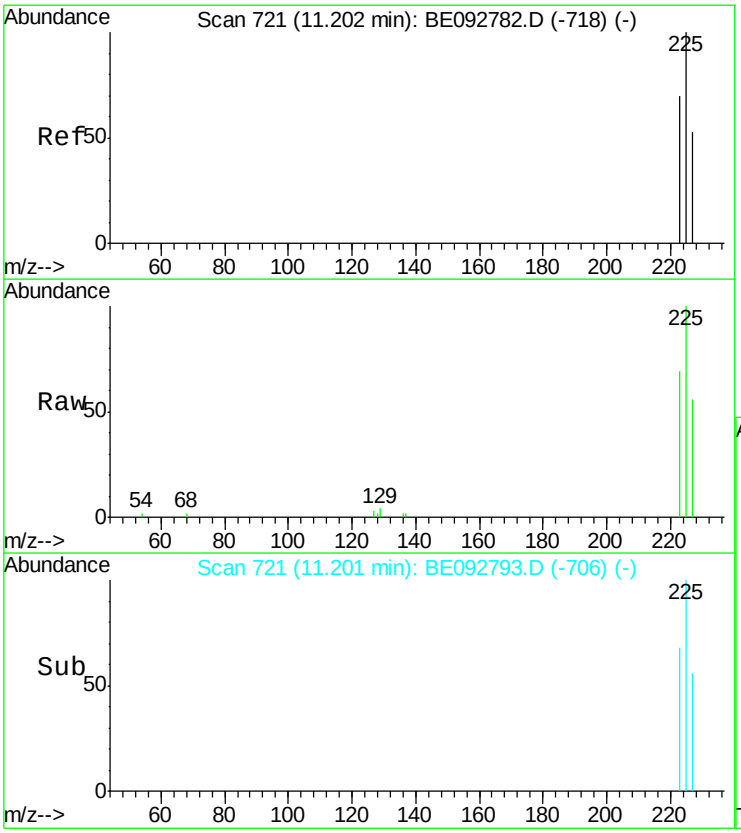
#9
Naphthalene
Concen: 3.91 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:128 Resp: 37757

Ion	Ratio	Lower	Upper
128	100		
129	10.6	11.2	16.8#
127	13.9	11.6	17.4

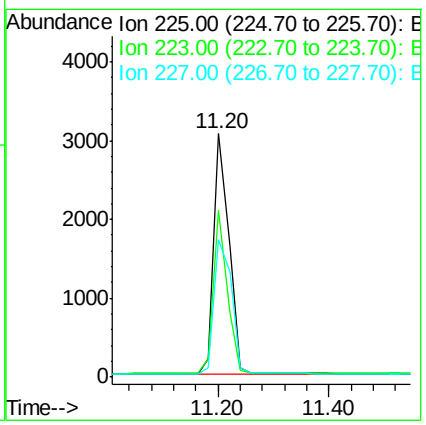


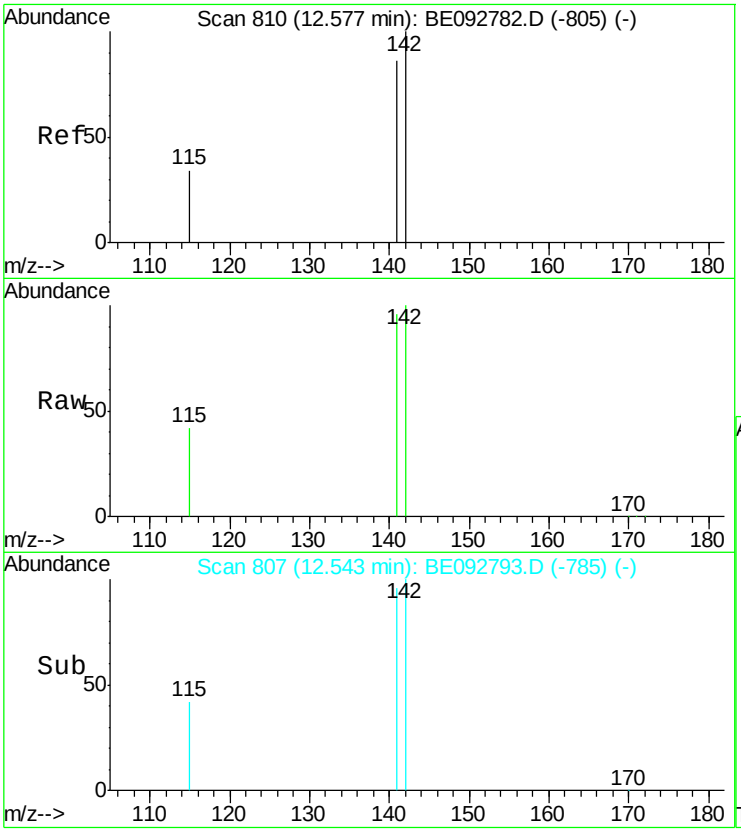


#10
Hexachlorobutadiene
Concen: 4.13 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:225 Resp: 5740

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.3	51.4	77.0



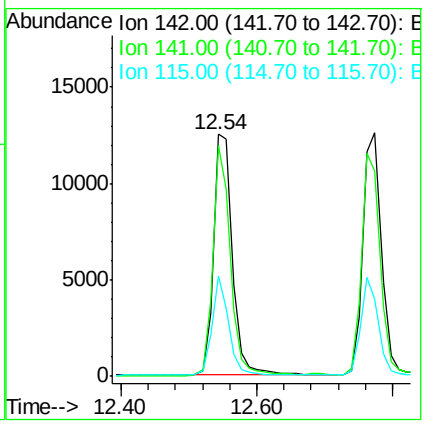


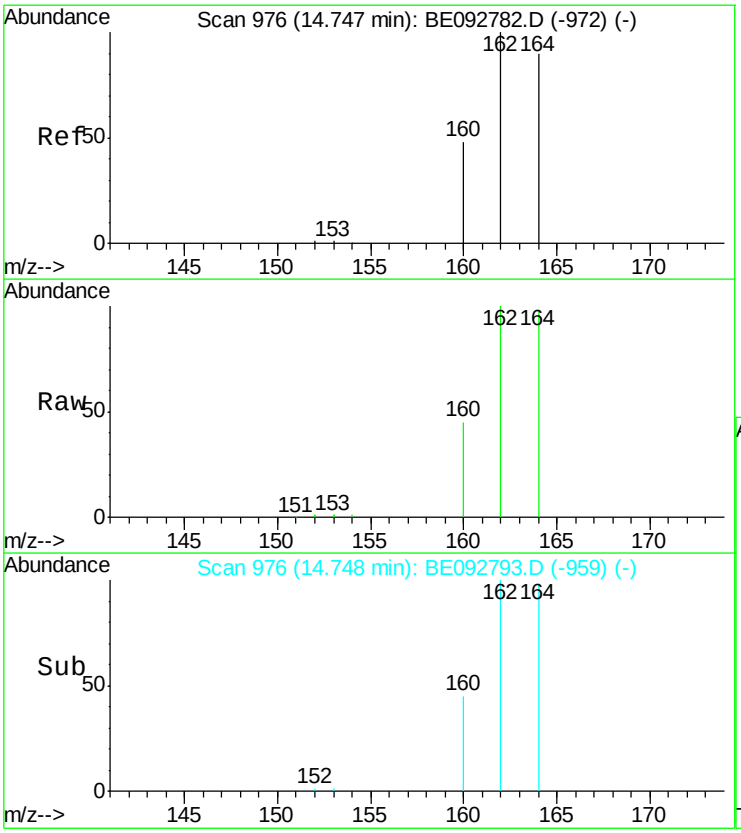
#11
2-Methylnaphthalene
Concen: 3.95 ng
RT: 12.54 min Scan# 807
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:142 Resp: 24675

Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.7	110.5
115	41.7	34.0	51.0

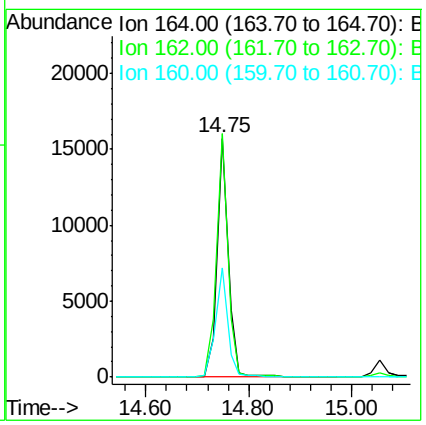


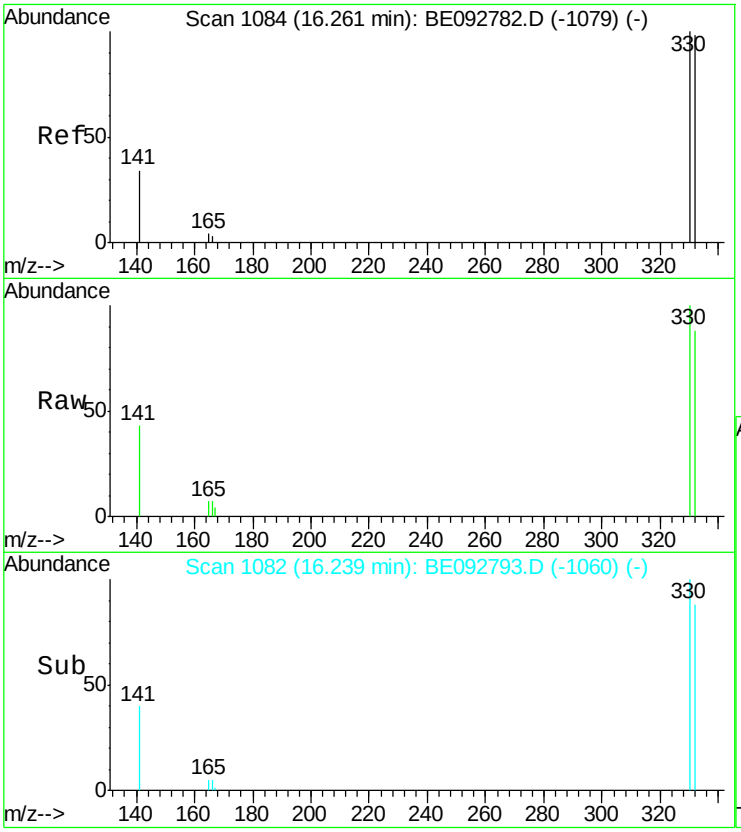


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:164 Resp: 23589

Ion	Ratio	Lower	Upper
164	100		
162	102.1	71.4	107.0
160	45.7	27.4	41.2#



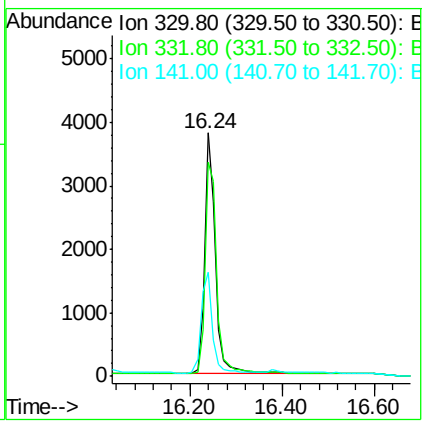


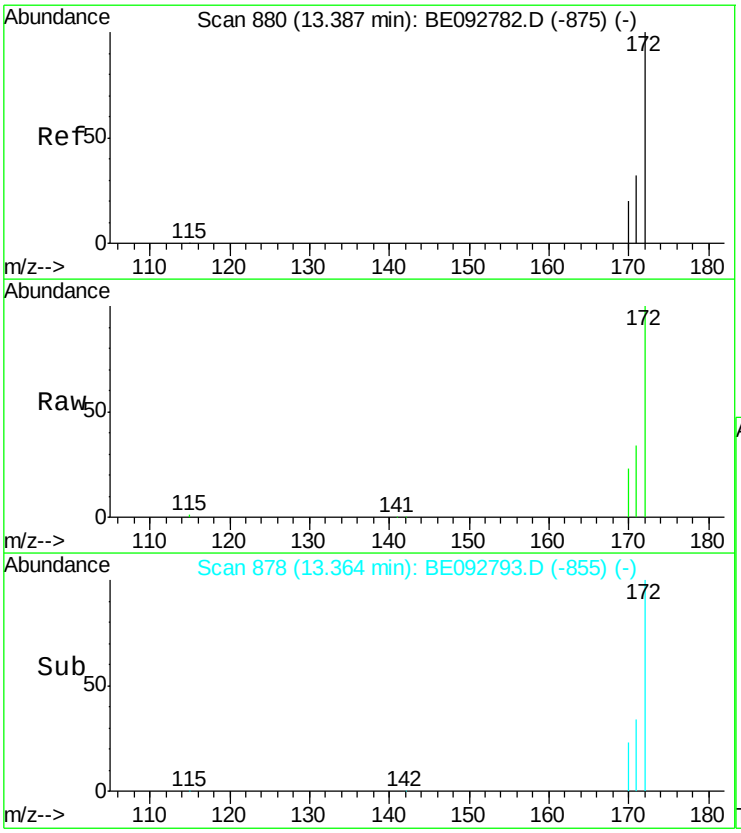
#13
2,4,6-Tribromophenol
Concen: 10.09 ng
RT: 16.24 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:330 Resp: 6265

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.0
141	43.2	31.0	46.6

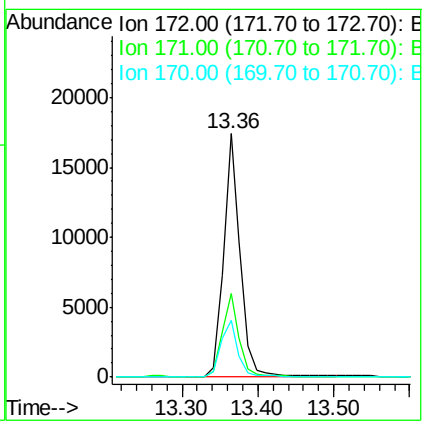


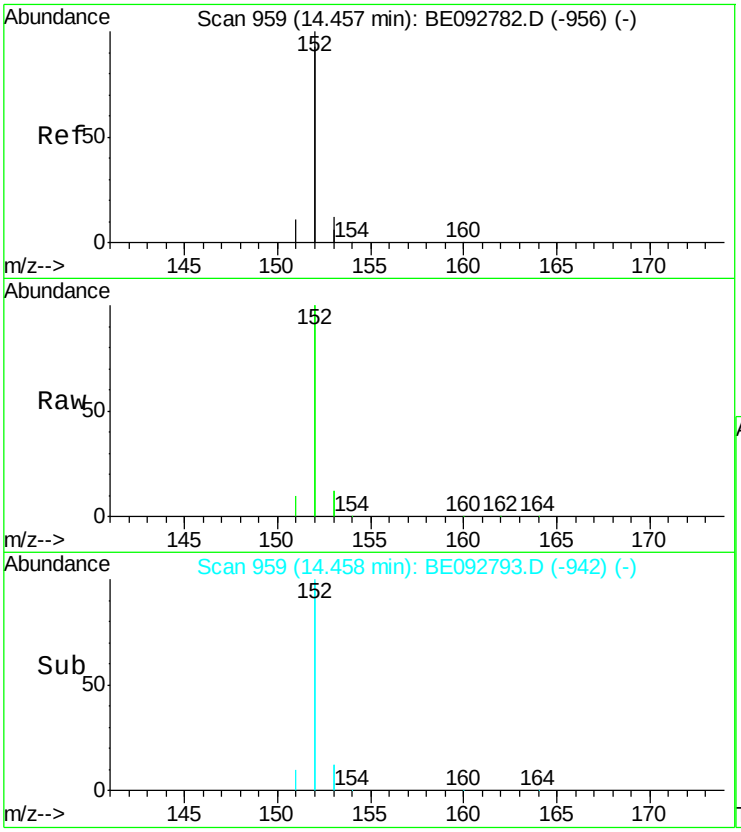


#14
2-Fluorobiphenyl
Concen: 4.78 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:172 Resp: 26616

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.1	45.1
170	23.1	21.8	32.6



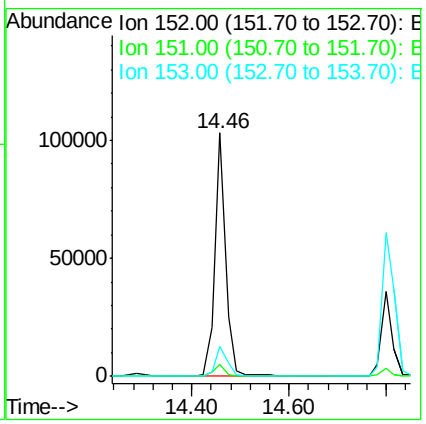


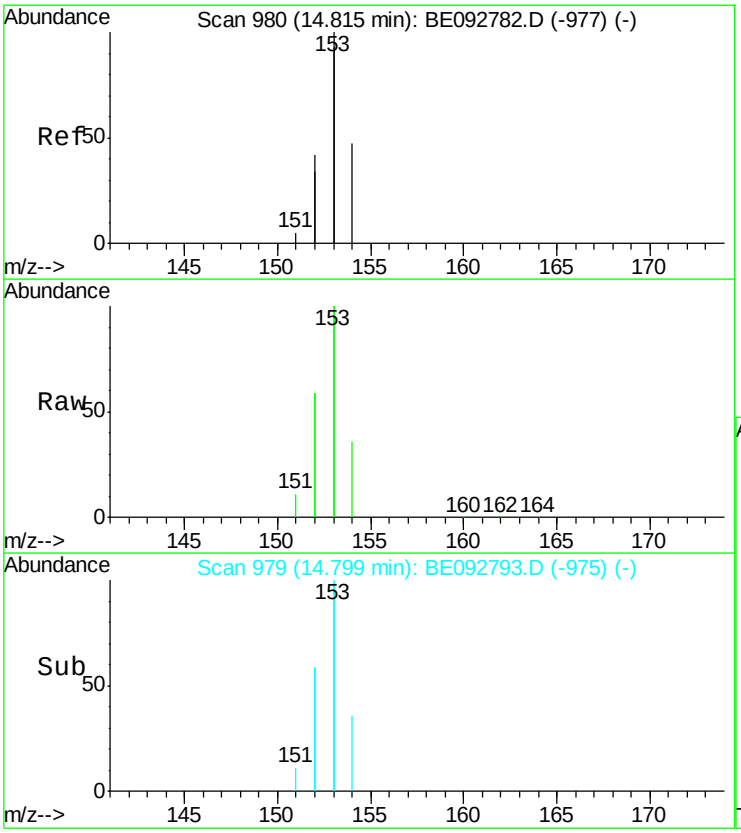
#15
Acenaphthylene
Concen: 4.33 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:152 Resp: 156975

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

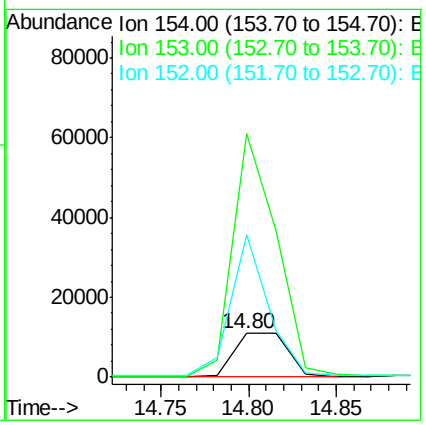


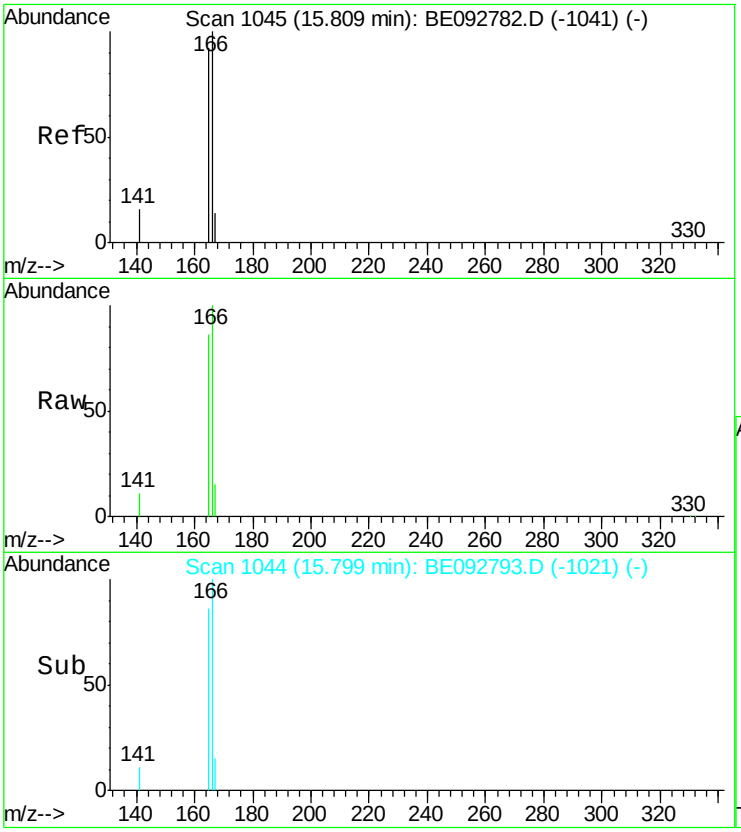


#16
Acenaphthene
Concen: 4.63 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.03 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:154 Resp: 23510

Ion	Ratio	Lower	Upper
154	100		
153	451.2	350.8	526.2
152	227.5	171.1	256.7



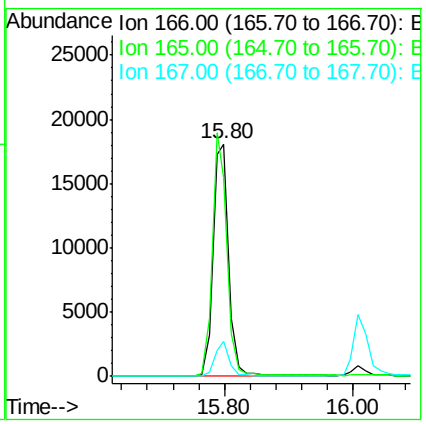


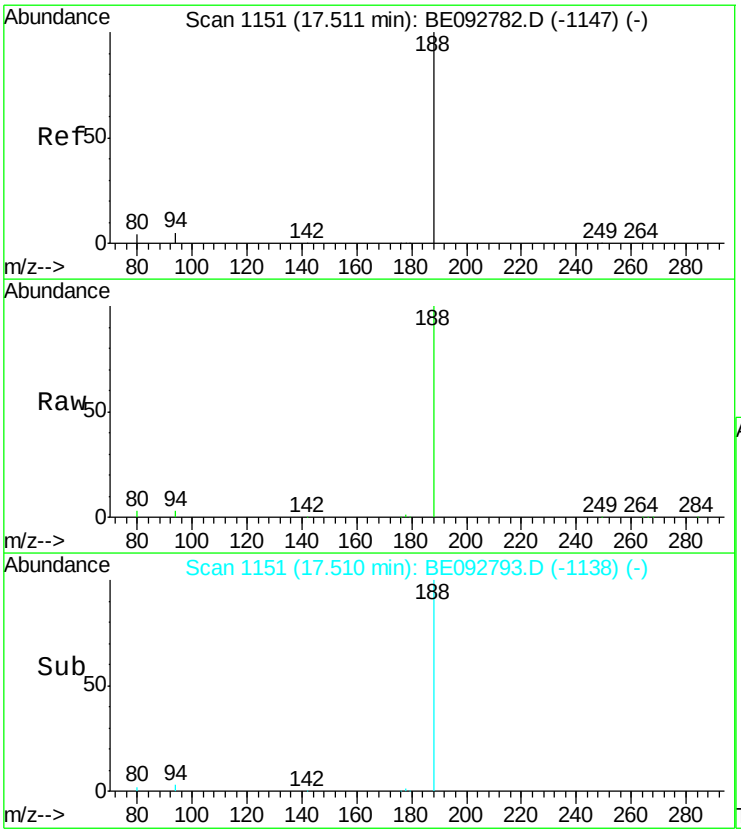
#17
Fluorene
Concen: 4.49 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:166 Resp: 30948

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.4
167	13.3	11.0	16.4

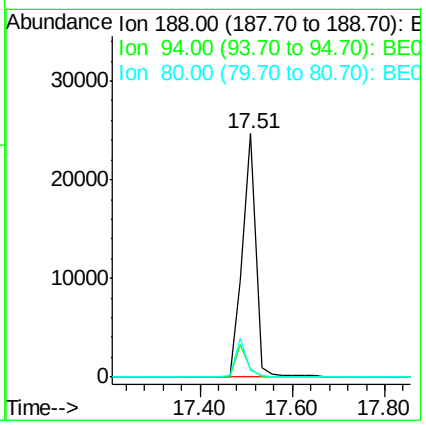


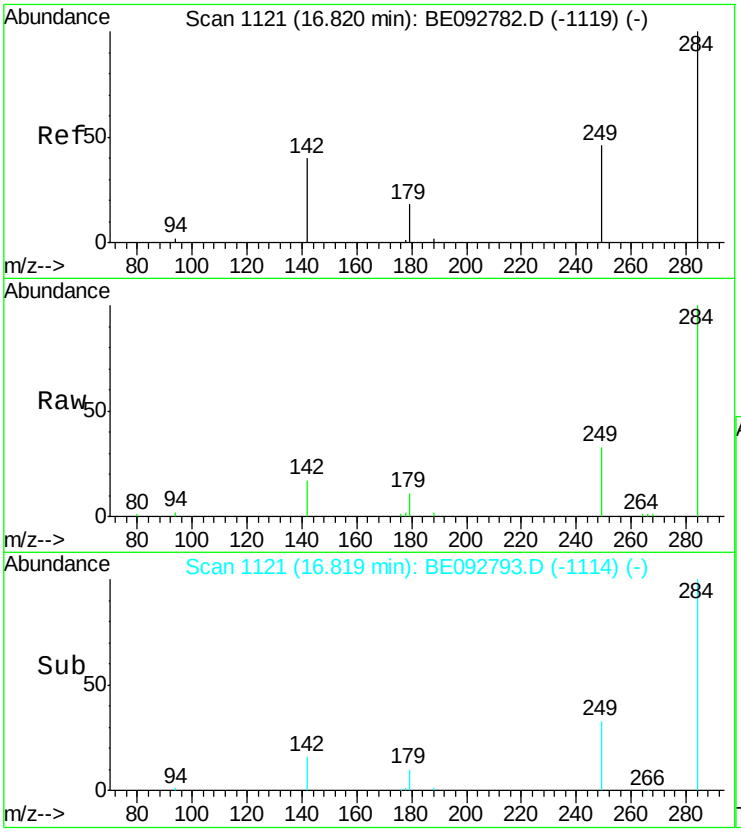


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:188 Resp: 49906

Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.2	4.8
80	2.7	2.6	3.8



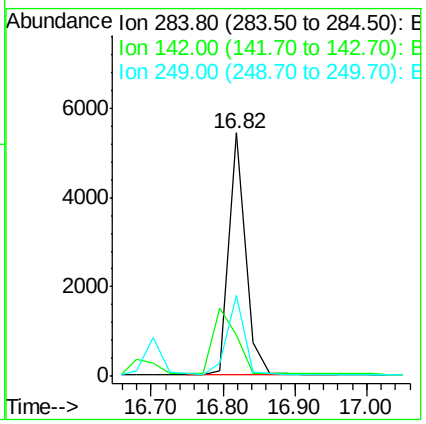


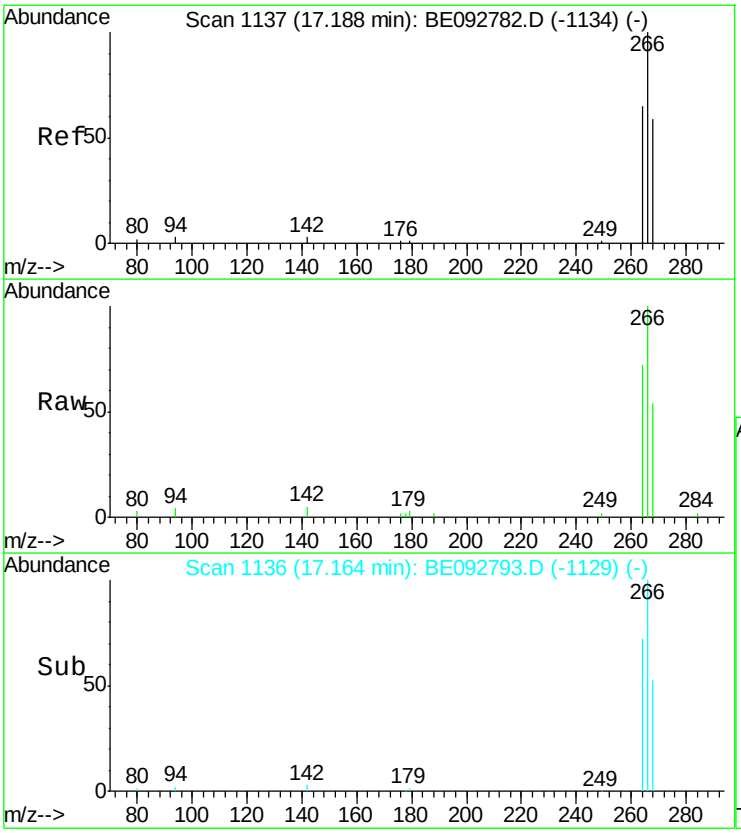
#19
Hexachlorobenzene
Concen: 4.22 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:284 Resp: 8620

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	33.1	27.9	41.9

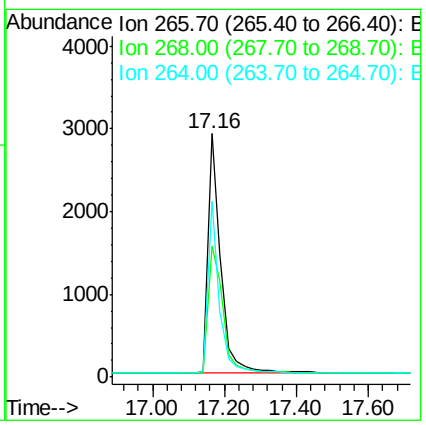


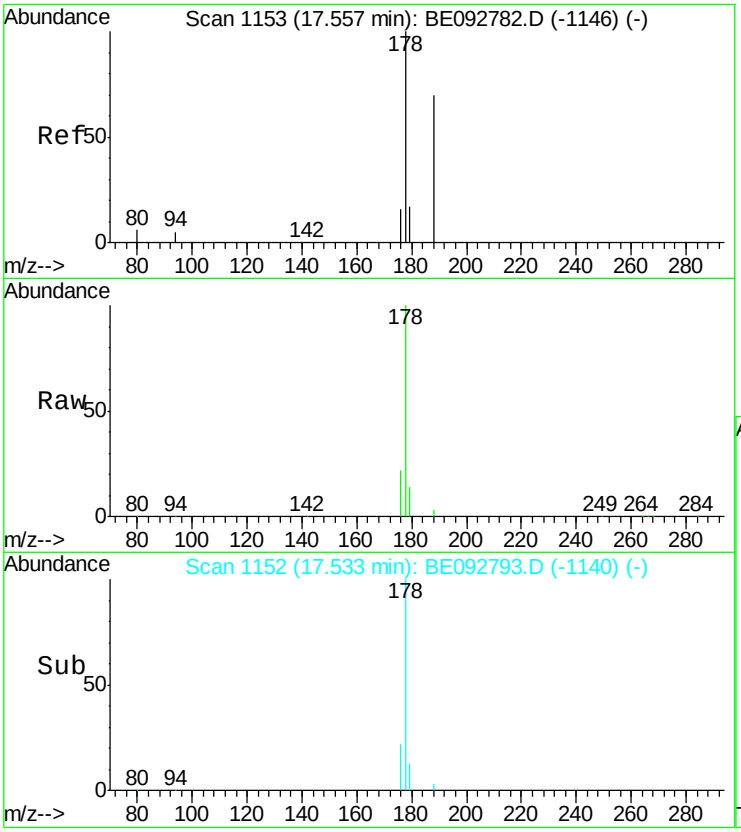


#20
Pentachlorophenol
Concen: 9.60 ng
RT: 17.16 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:266 Resp: 7107

Ion	Ratio	Lower	Upper
266	100		
268	53.7	62.5	93.7#
264	72.1	57.2	85.8



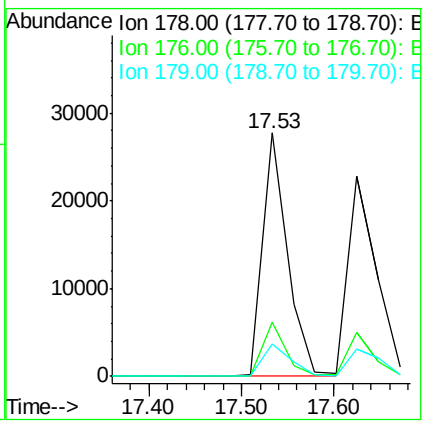


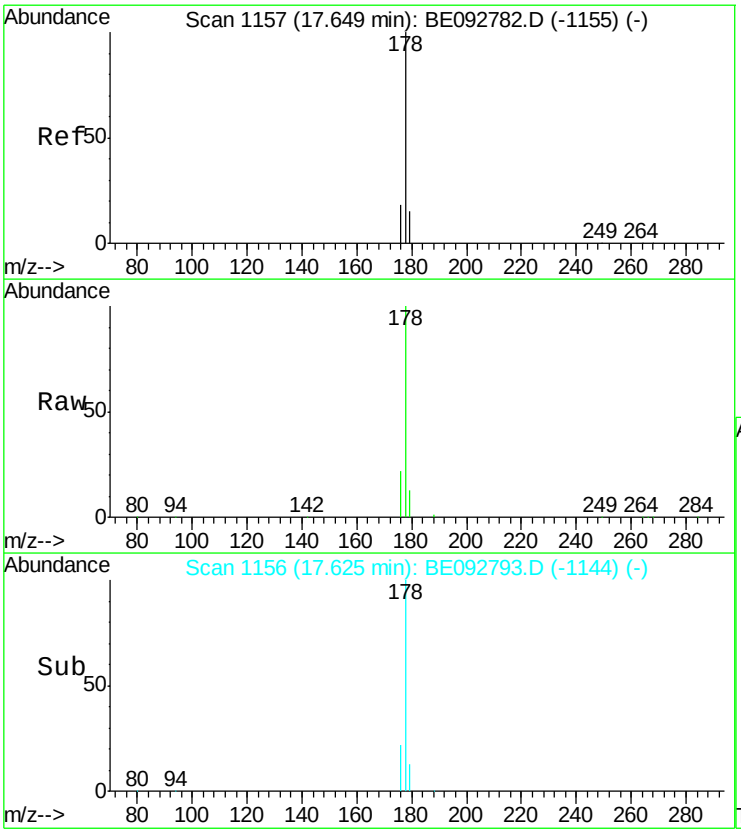
#21
Phenanthrene
Concen: 4.25 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:178 Resp: 50850

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	16.0	24.0#

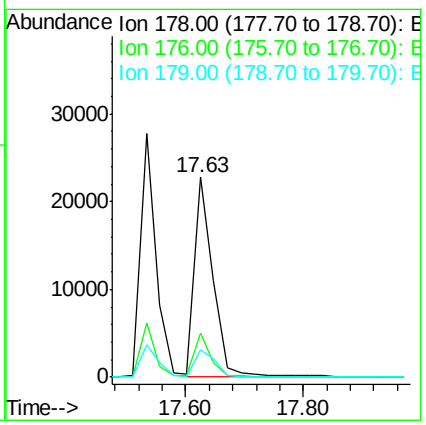


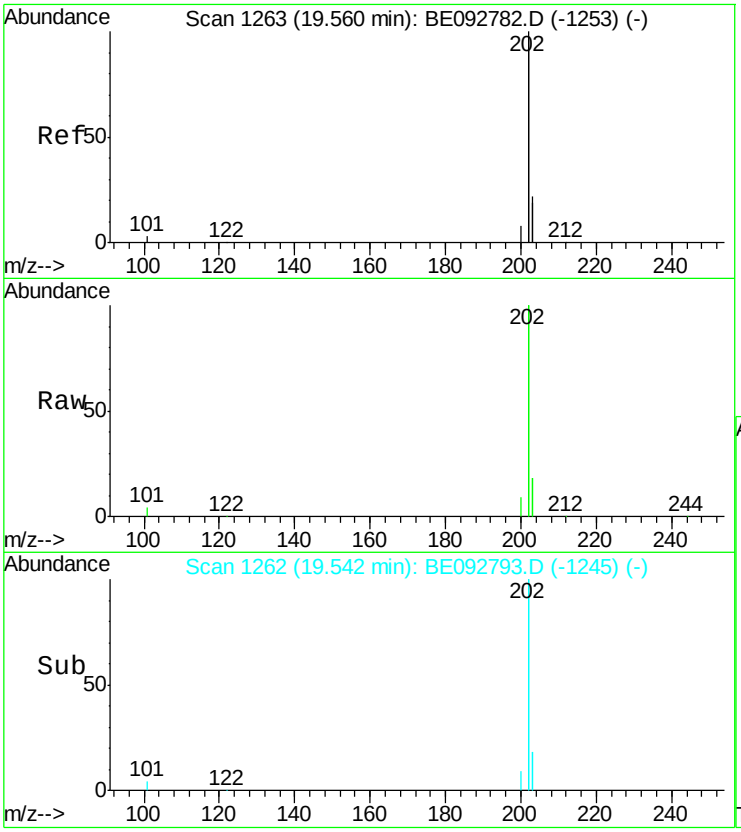


#22
Anthracene
Concen: 4.07 ng
RT: 17.63 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:178 Resp: 49138

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	15.1	12.2	18.2



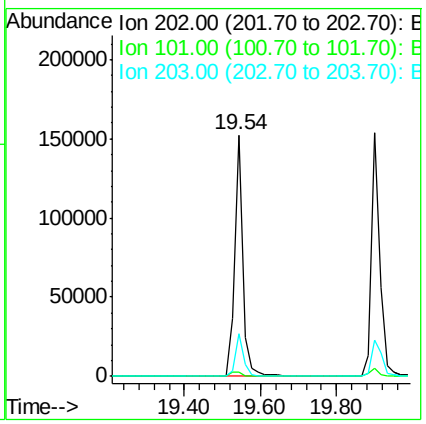


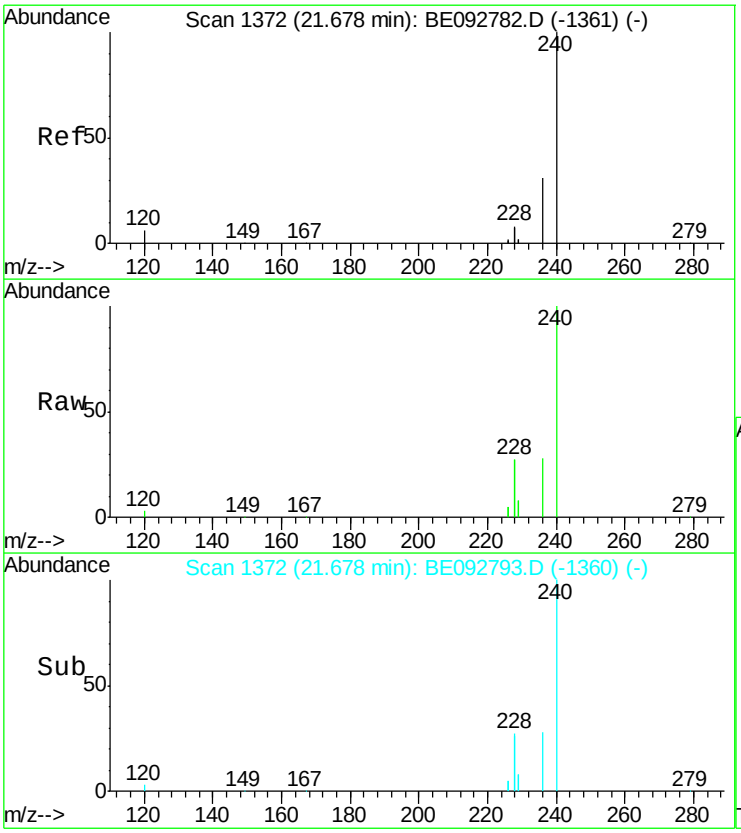
#23
Fluoranthene
Concen: 3.95 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:202 Resp: 230494

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

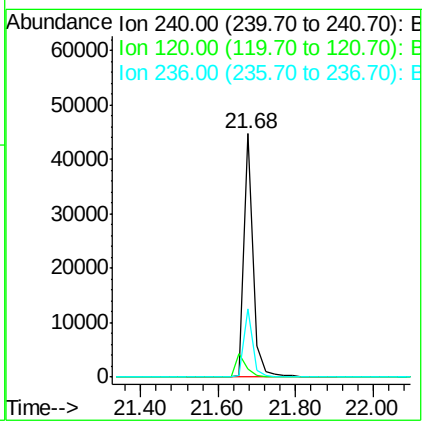


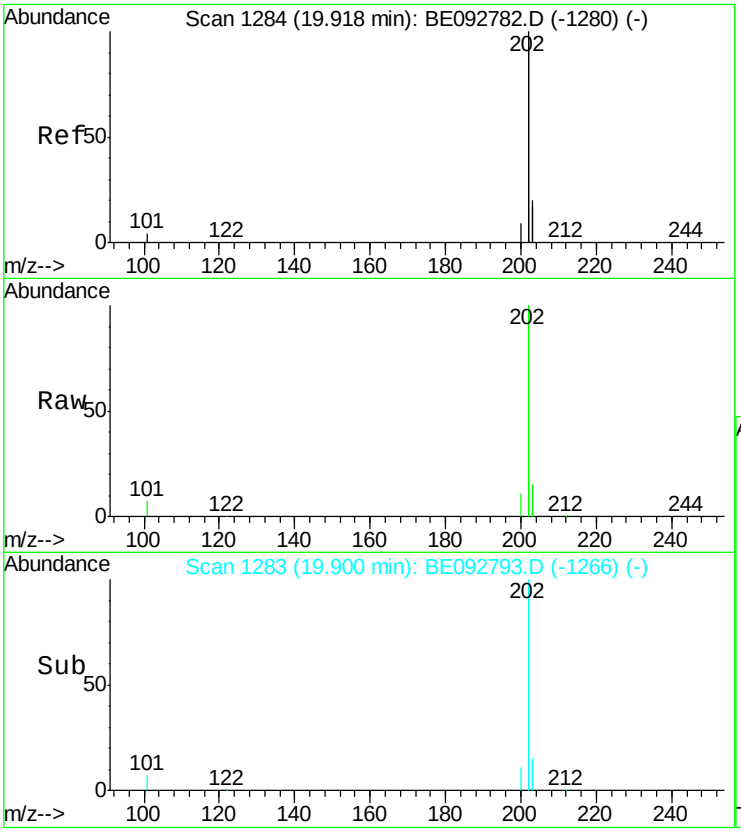


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:240 Resp: 71458

Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.6	4.0
236	27.9	24.6	37.0



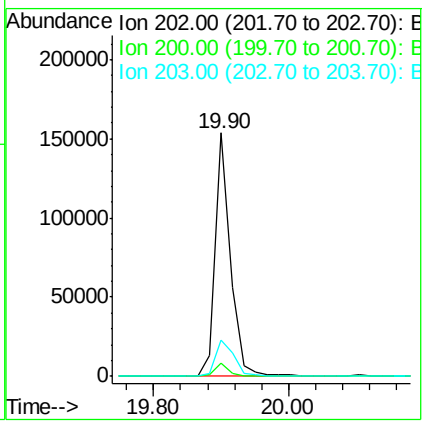


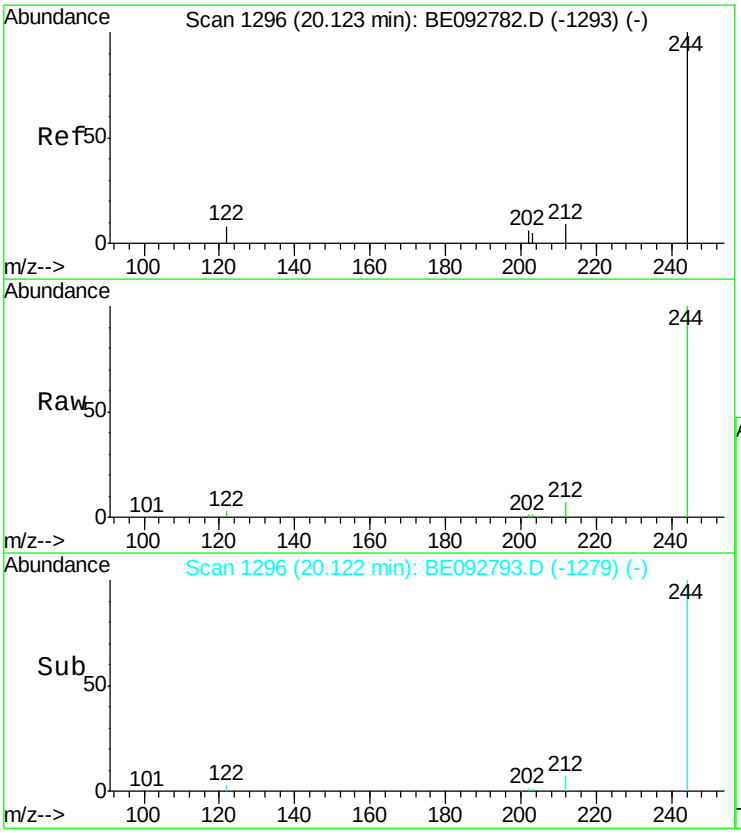
#25
Pyrene
Concen: 3.69 ng
RT: 19.90 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:202 Resp: 238668

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

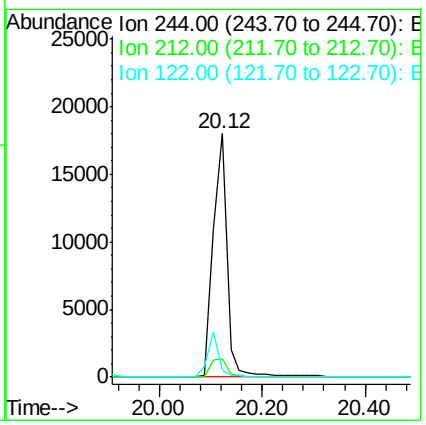


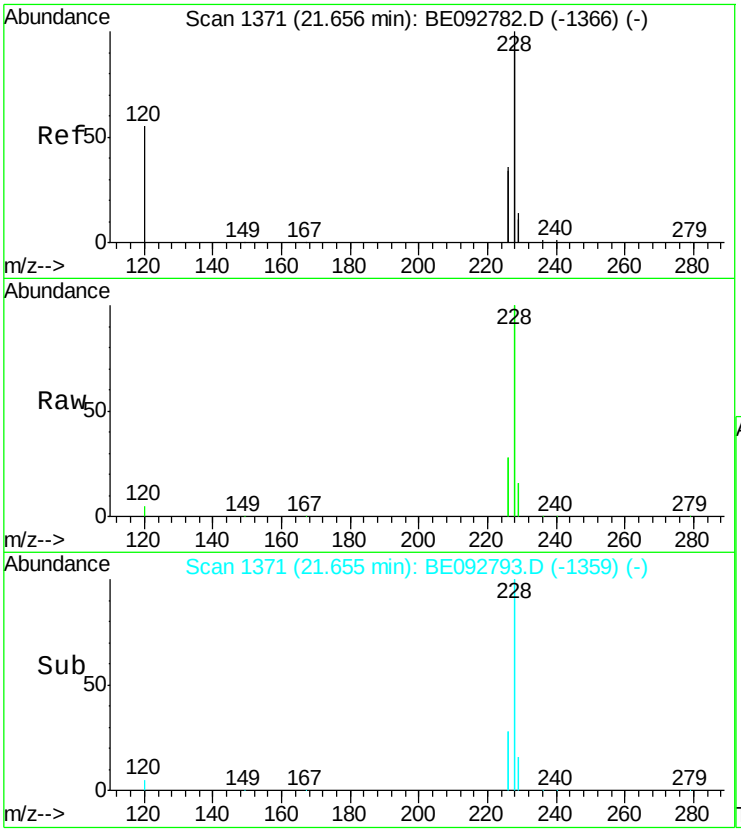


#26
Terphenyl-d14
Concen: 3.83 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:244 Resp: 33047

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.7	10.1
122	2.8	3.6	5.4#



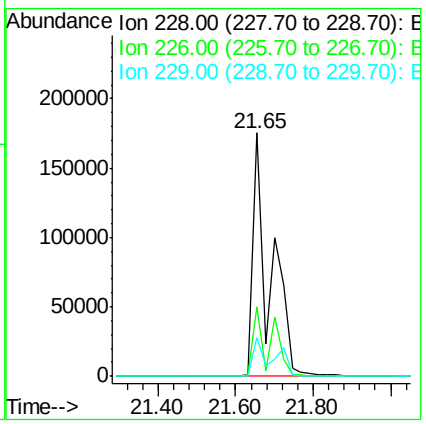


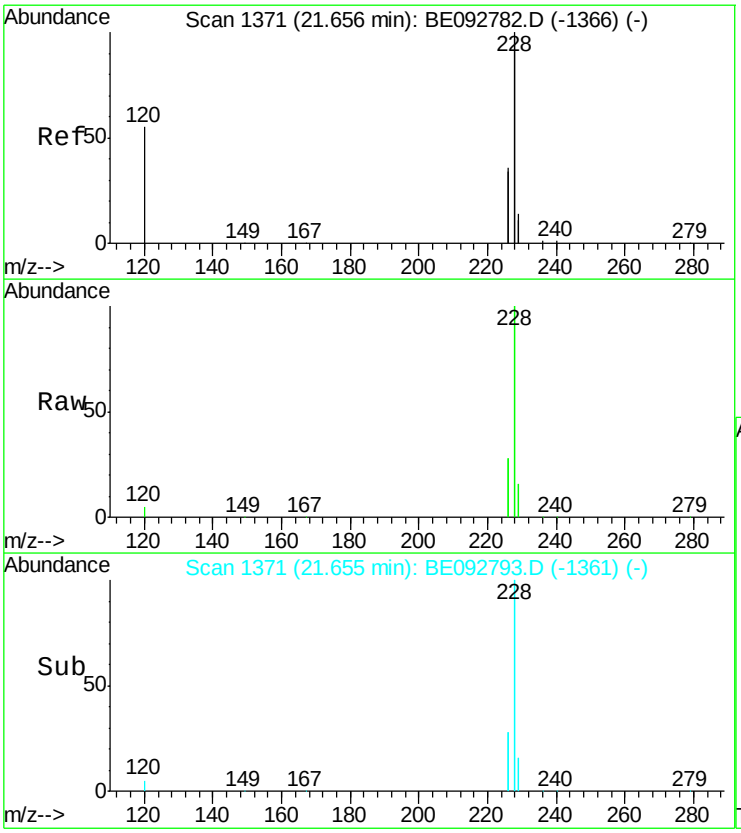
#27
Benzo(a)anthracene
Concen: 6.90 ng
RT: 21.65 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:228 Resp: 514843

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	16.1	13.3	19.9

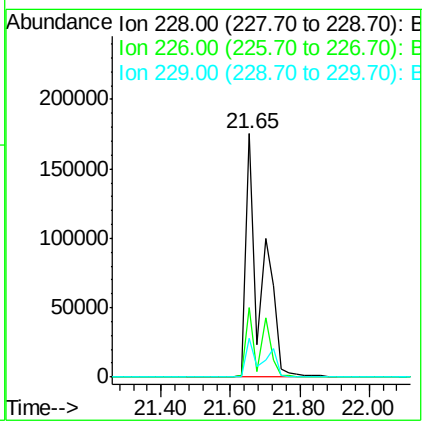


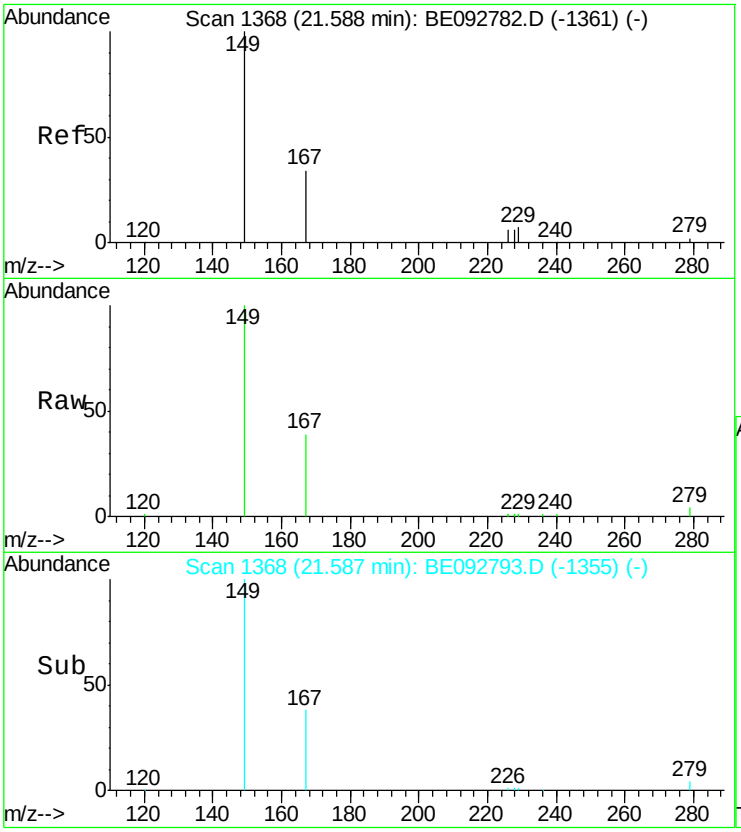


#28
Chrysene
Concen: 7.88 ng
RT: 21.65 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:228 Resp: 516247

Ion	Ratio	Lower	Upper
228	100		
226	28.4	36.3	54.5#
229	16.1	10.6	16.0#



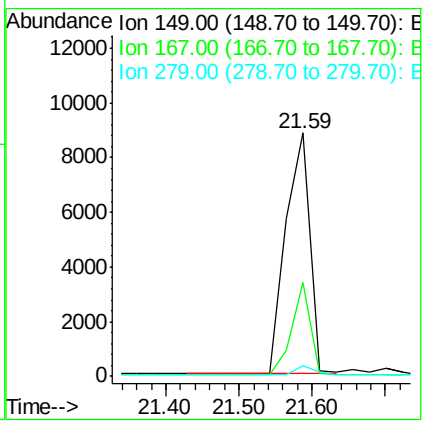


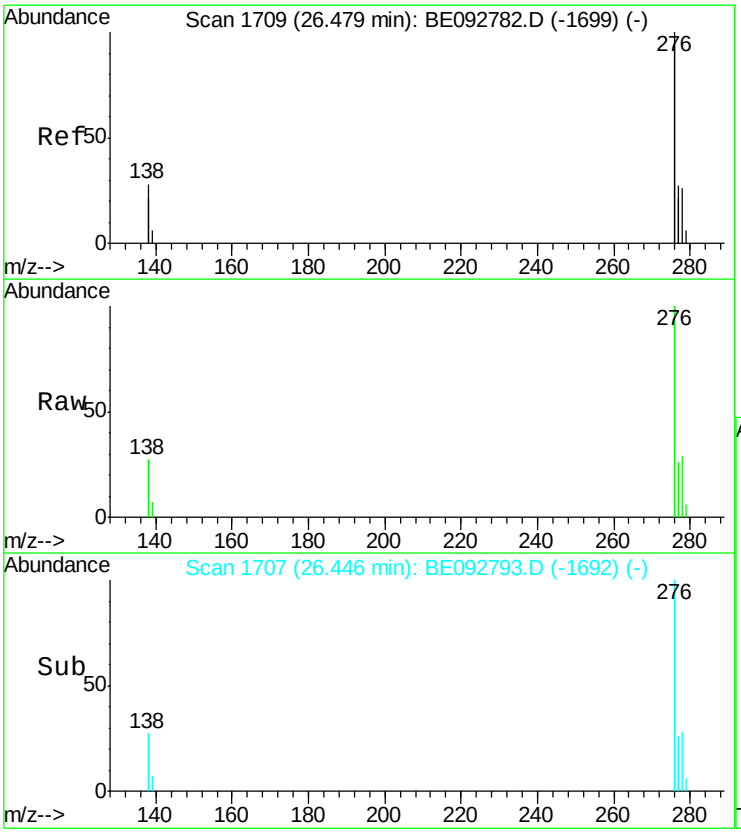
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.20 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:149 Resp: 19988

Ion	Ratio	Lower	Upper
149	100		
167	30.0	16.0	24.0#
279	3.0	16.0	24.0#

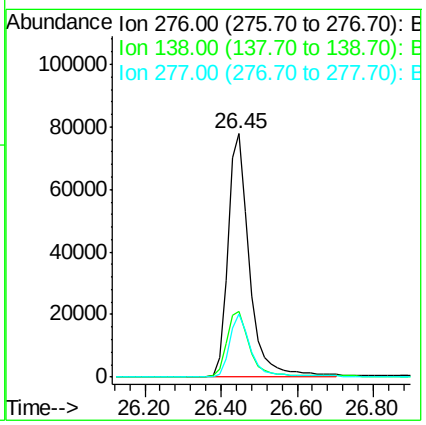


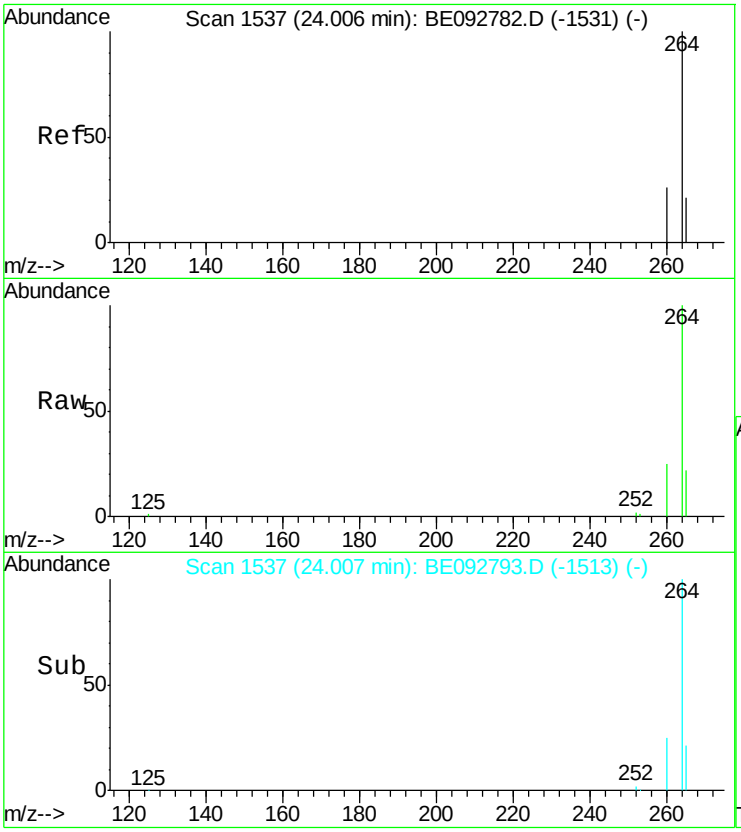


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 26.45 min Scan# 1707
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:276 Resp: 304932

Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.3	30.5
277	24.9	19.7	29.5



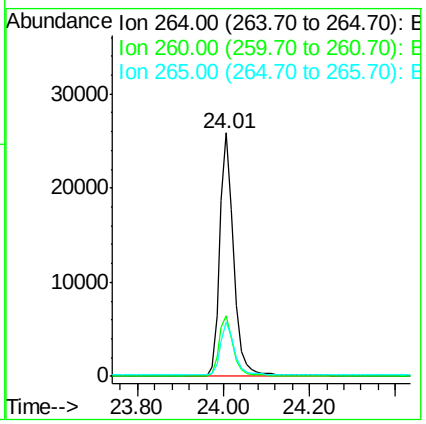


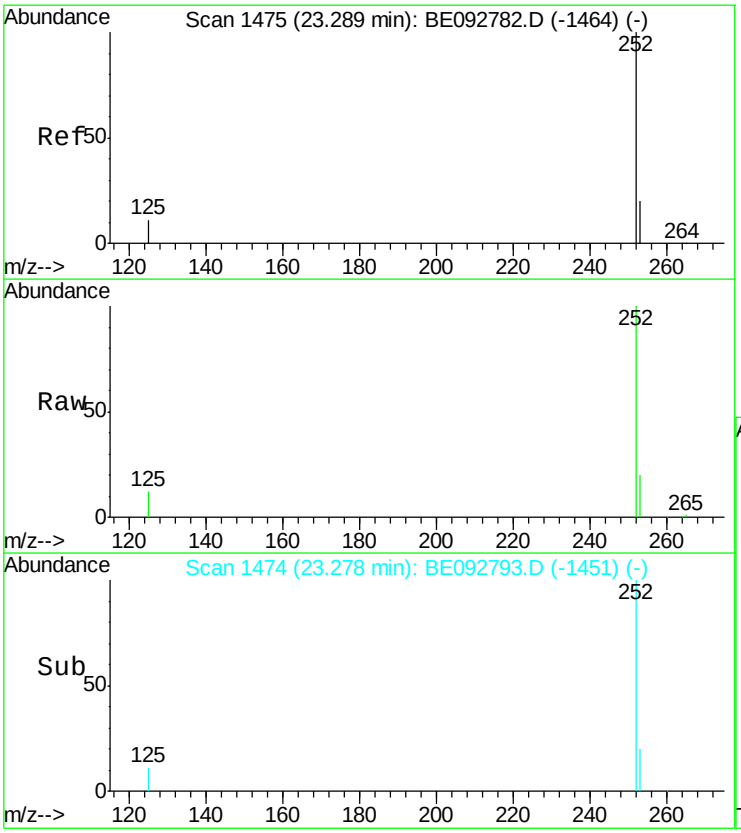
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:264 Resp: 58289

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.0	17.9	26.9

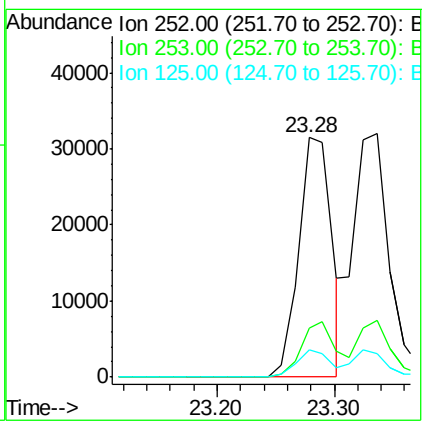


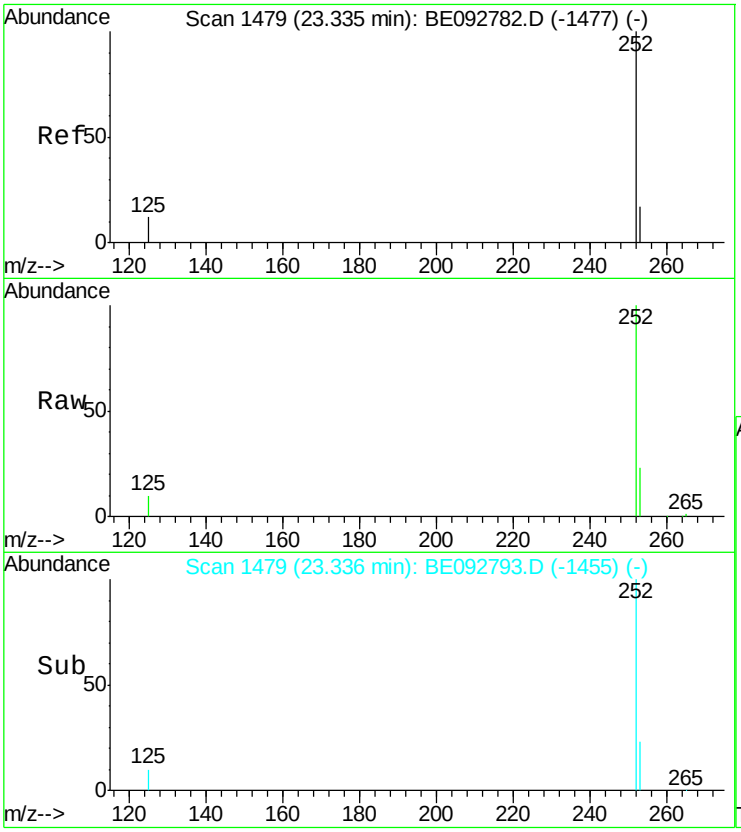


#32
Benzo(b)fluoranthene
Concen: 3.95 ng
RT: 23.28 min Scan# 1474
Delta R.T. -0.03 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:252 Resp: 61329

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.7	28.1
125	11.5	10.5	15.7



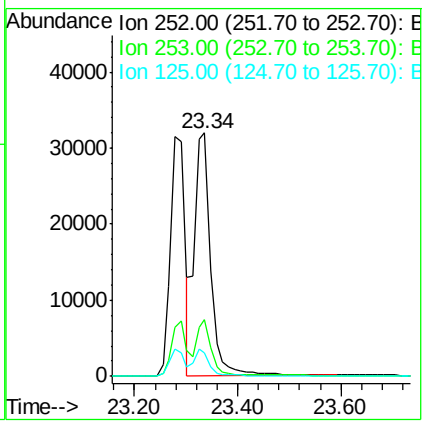


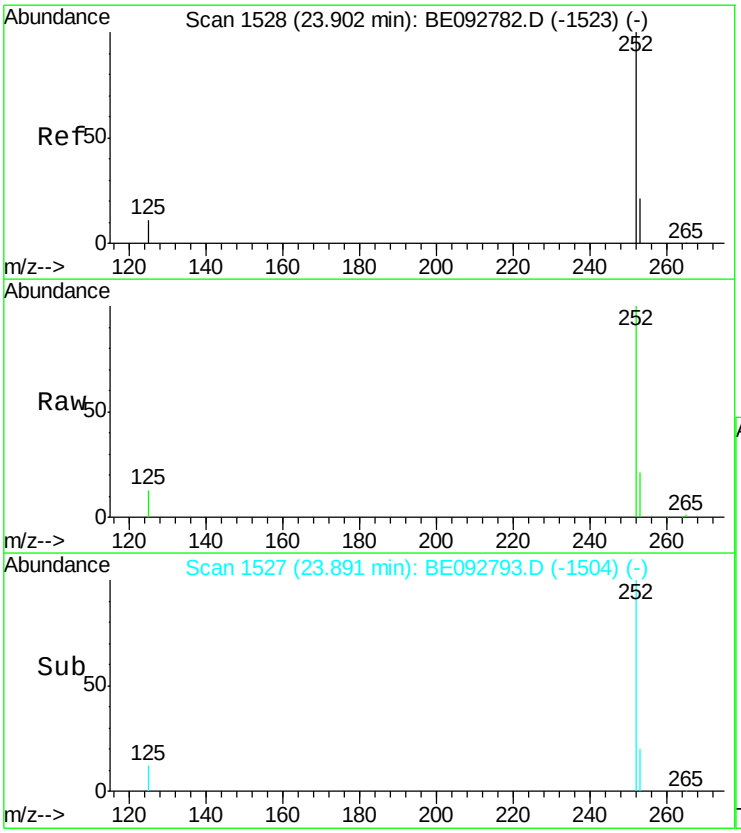
#33
Benzo(k)fluoranthene
Concen: 4.45 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:252 Resp: 69569

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.3	30.5
125	9.8	9.6	14.4

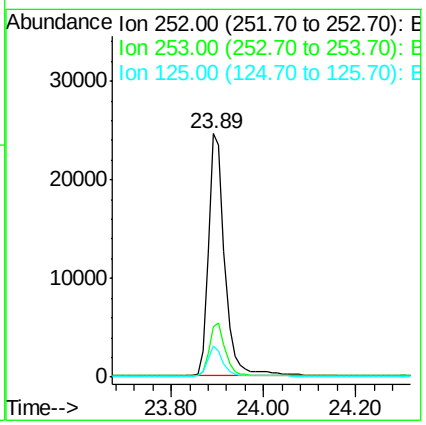


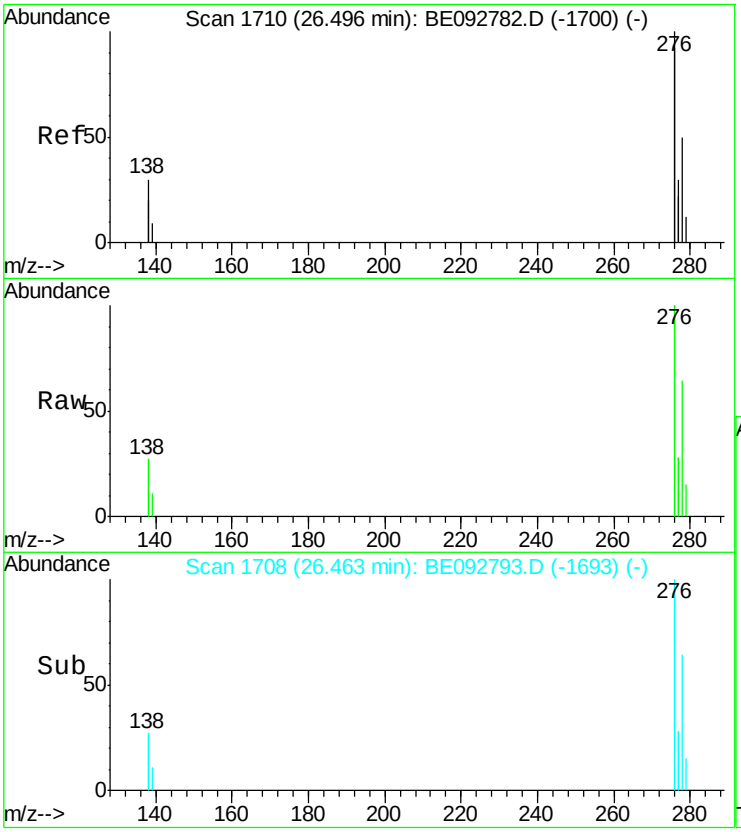


#34
Benzo(a)pyrene
Concen: 4.33 ng
RT: 23.89 min Scan# 1527
Delta R.T. -0.04 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:252 Resp: 61110

Ion	Ratio	Lower	Upper
252	100		
253	20.7	19.0	28.6
125	12.6	11.8	17.8



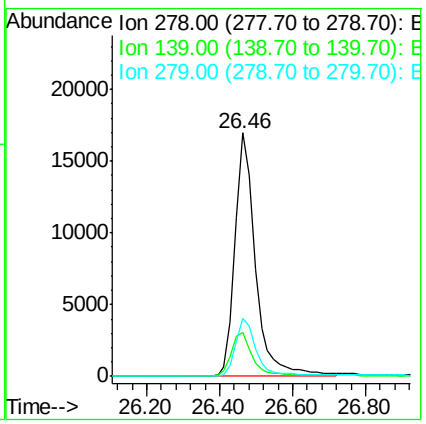


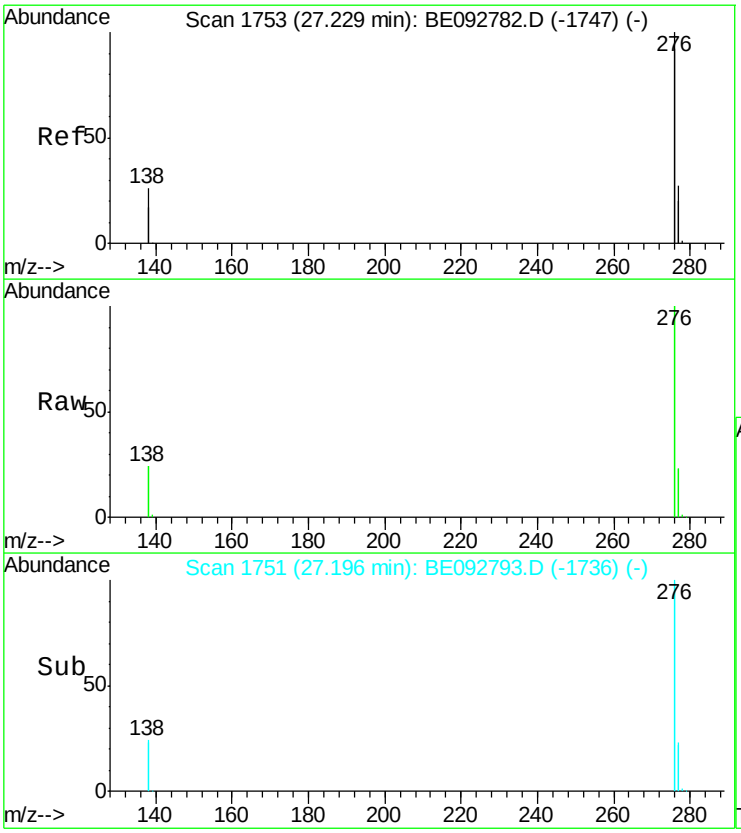
#35
Dibenzo(a,h)anthracene
Concen: 4.81 ng
RT: 26.46 min Scan# 1708
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Instrument :
BNA_E
ClientSampleId :
PB97289BSD

Tgt Ion:278 Resp: 64928

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.8	20.8
279	23.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.55 ng
RT: 27.20 min Scan# 1751
Delta R.T. -0.05 min
Lab File: BE092793.D
Acq: 6 Mar 2017 18:56

Tgt Ion:276 Resp: 262879

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	24.2	19.8	29.6