Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093872.D
Acq On : 22 Aug 2017 12:54
Operator : SJ/JU
Sample : PB101705BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB101705BS

Quant Time: Aug 23 00:59:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1695	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	7457	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3883	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	8716	0.40	ng		0.00
27) Chrysene-d12	21.42	240	12886	0.40	ng		0.01
34) Perylene-d12	23.93	264	11050	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1877	0.34	ng		0.00
5) Phenol-d6	7.10	99	2441	0.29	ng		0.01
8) Nitrobenzene-d5	9.06	82	2209	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4289	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	377	0.35	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	5091	0.33	ng		0.02
25) Fluoranthene-d10	19.28	212	45122	0.45	ng		0.00
29) Terphenyl-d14	19.87	244	9888	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	776	0.304	ng	#	31
3) n-Nitrosodimethylamine	3.75	42	870	0.328	ng		93
6) bis(2-Chloroethyl)ether	7.34	93	1882	0.290	ng	#	96
9) Naphthalene	10.76	128	25211	0.295	ng		99
10) Hexachlorobutadiene	11.04	225	953	0.300	ng		97
12) 2-Methylnaphthalene	12.36	142	4246	0.294	ng		96
16) Acenaphthylene	14.24	152	5883	0.301	ng	#	88
17) Acenaphthene	14.58	154	3908	0.297	ng		99
18) Fluorene	15.56	166	5322	0.313	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	1248	0.506	ng	#	74
21) Hexachlorobenzene	16.58	284	1027	0.390	ng	#	100
22) Pentachlorophenol	16.94	266	818	0.444	ng		92
23) Phenanthrene	17.30	178	7315	0.394	ng		99
24) Anthracene	17.30	178	7278	0.258	ng		98
26) Fluoranthene	19.31	202	11900	0.391	ng		98
28) Pyrene	19.67	202	12303	0.291	ng	#	97
30) Benzo(a)anthracene	21.40	228	11874	0.290	ng		96
31) Chrysene	21.45	228	12688	0.304	ng		92
32) Bis(2-ethylhexyl)phthalate	21.30	149	29064	0.332	ng		98
33) Indeno(1,2,3-cd)pyrene	26.59	276	10296	0.256	ng		93
35) Benzo(b)fluoranthene	23.16	252	10392	0.271	ng		96
36) Benzo(k)fluoranthene	23.21	252	11885	0.310	ng		98
37) Benzo(a)pyrene	23.82	252	10942	0.303	ng		96
38) Dibenzo(a,h)anthracene	26.61	278	8491	0.251	ng		95
39) Benzo(g,h,i)perylene	27.40	276	9081	0.267	ng		96

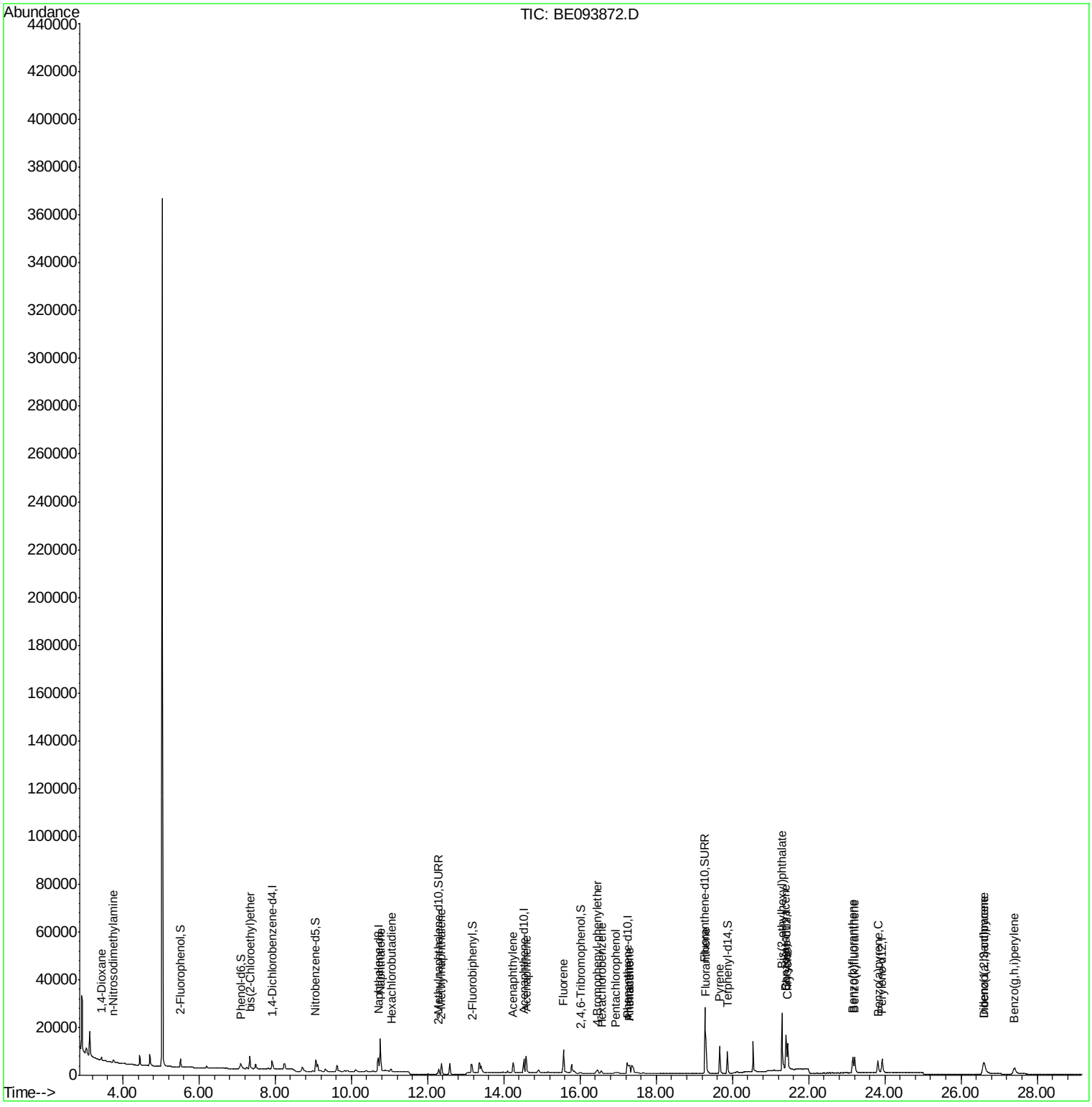
(#) = qualifier out of range (m) = manual integration (+) = signals summed

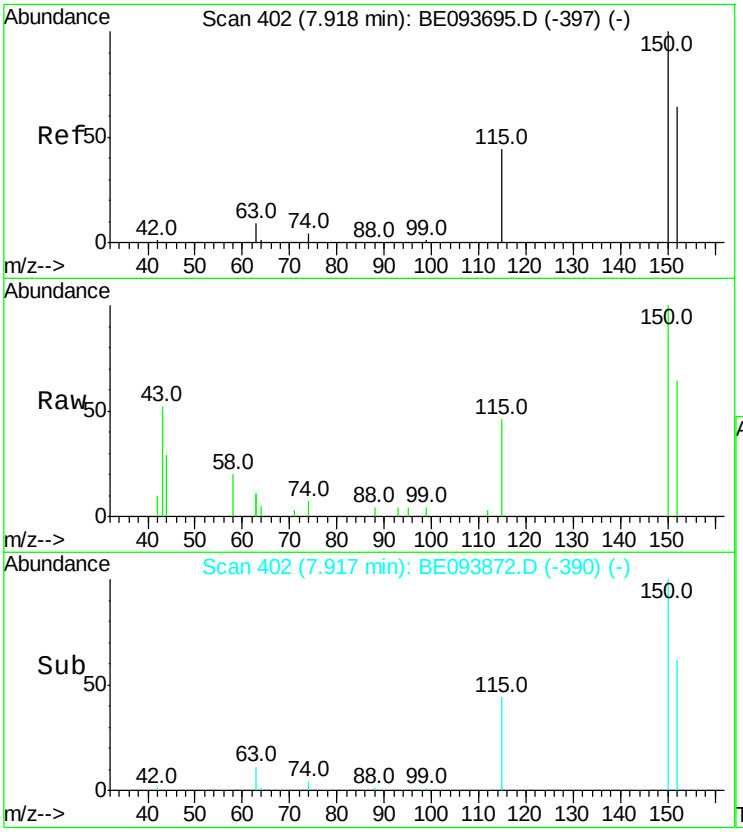
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093872.D
Acq On : 22 Aug 2017 12:54
Operator : SJ/JU
Sample : PB101705BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Quant Time: Aug 23 00:59:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration



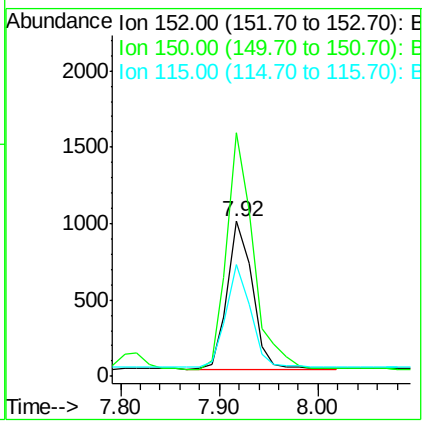


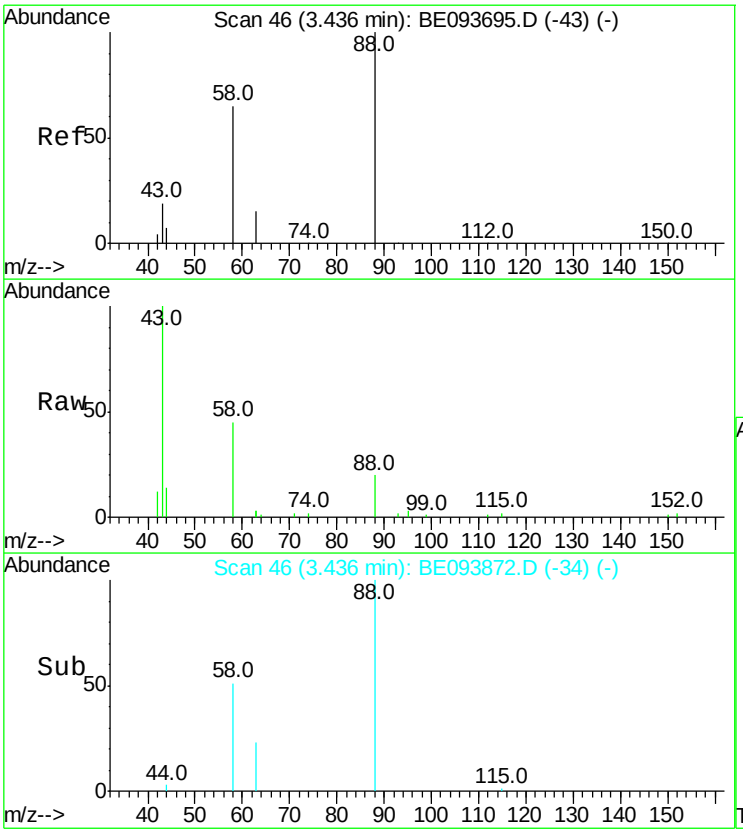
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:152 Resp: 1695

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.1	187.7
115	72.4	55.7	83.5

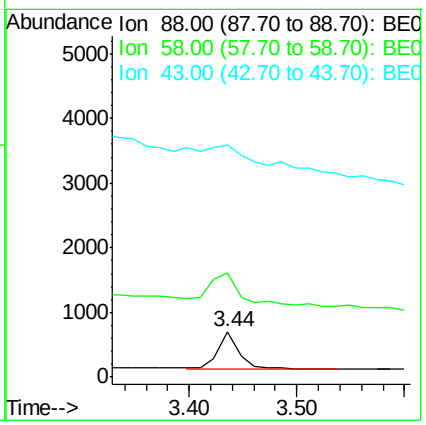


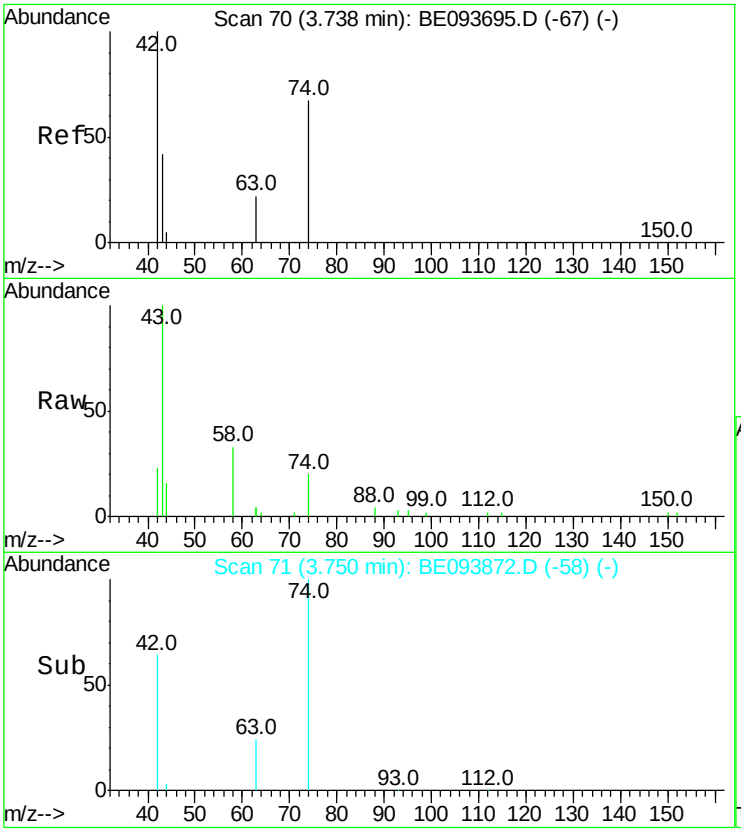


#2
1,4-Dioxane
Concen: 0.304 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion: 88 Resp: 776

Ion	Ratio	Lower	Upper
88	100		
58	142.5	62.2	93.4#
43	0.0	23.2	34.8#



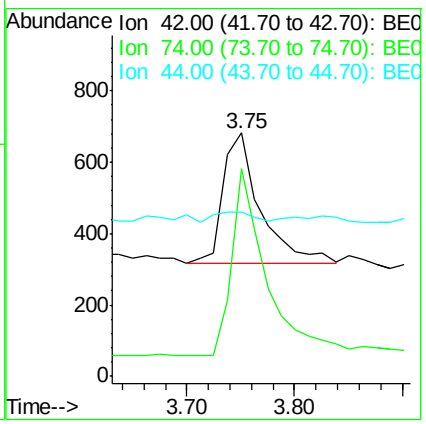


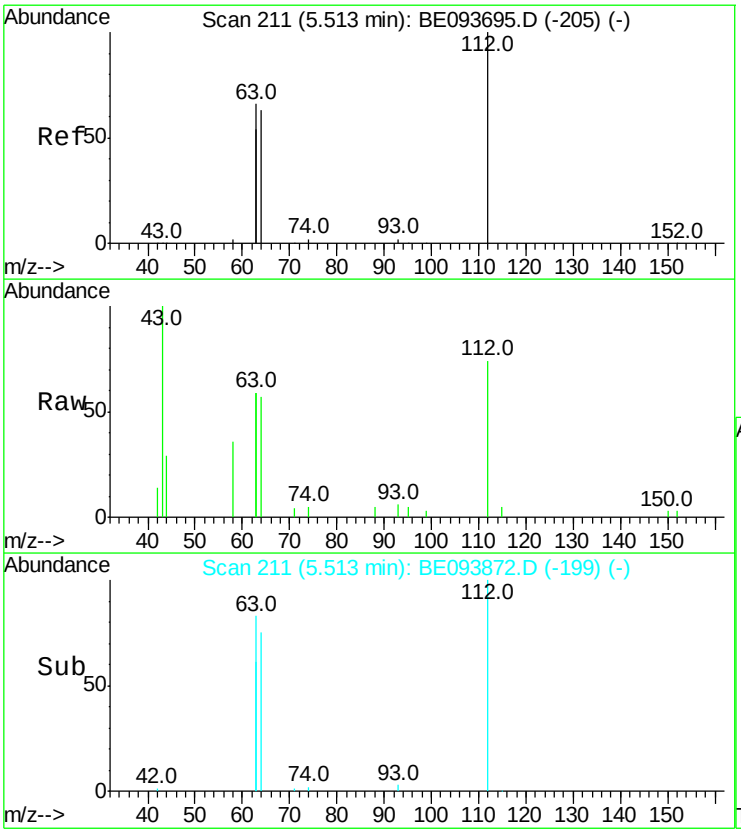
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion: 42 Resp: 870

Ion	Ratio	Lower	Upper
42	100		
74	132.5	99.1	148.7
44	7.9	7.4	11.2

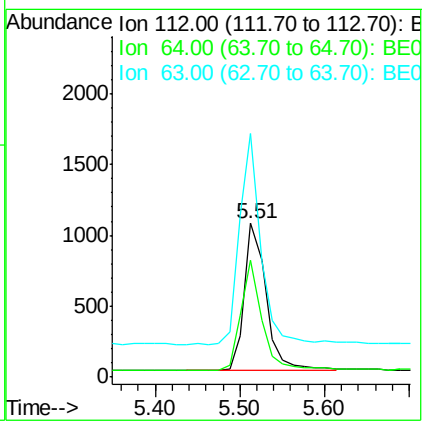


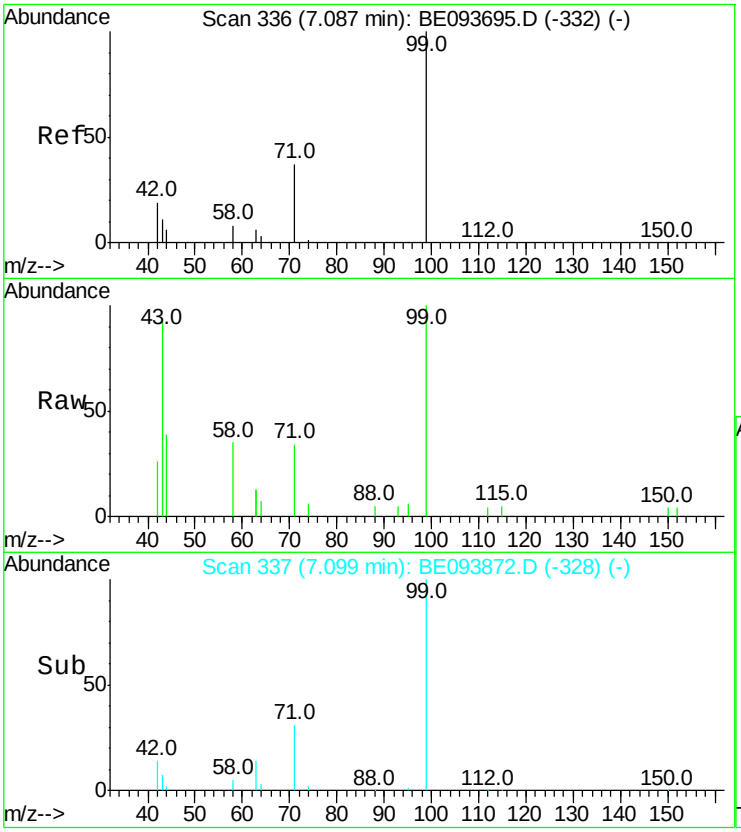


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:112 Resp: 1877

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	141.7	29.3	43.9#



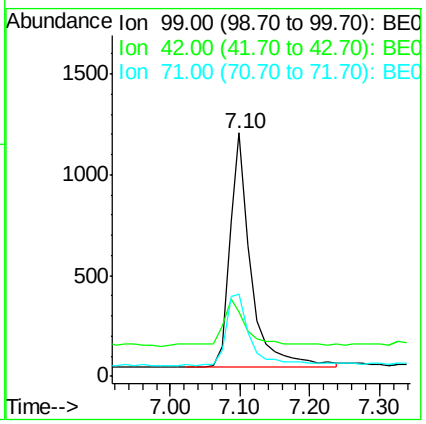


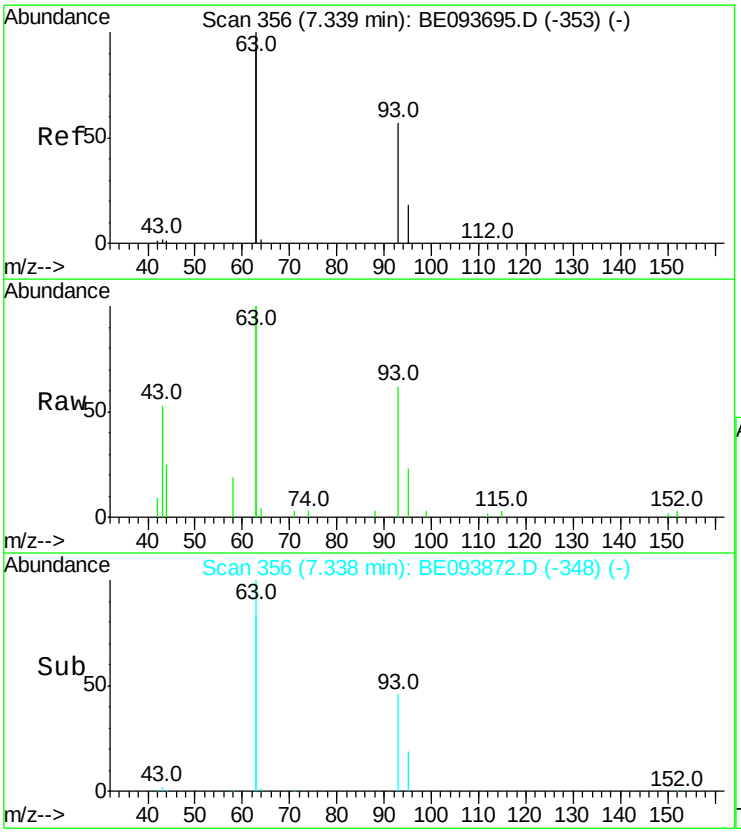
#5
Phenol-d6
Concen: 0.292 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion: 99 Resp: 2441

Ion	Ratio	Lower	Upper
99	100		
42	21.7	0.0	0.0#
71	35.2	0.0	0.0#

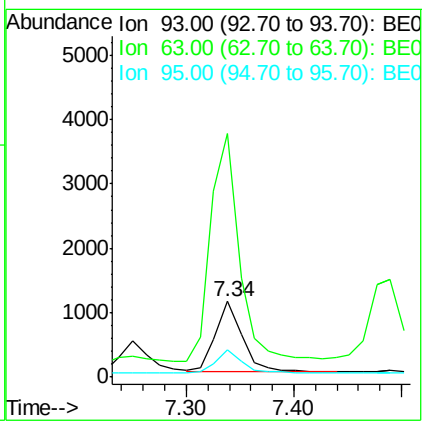


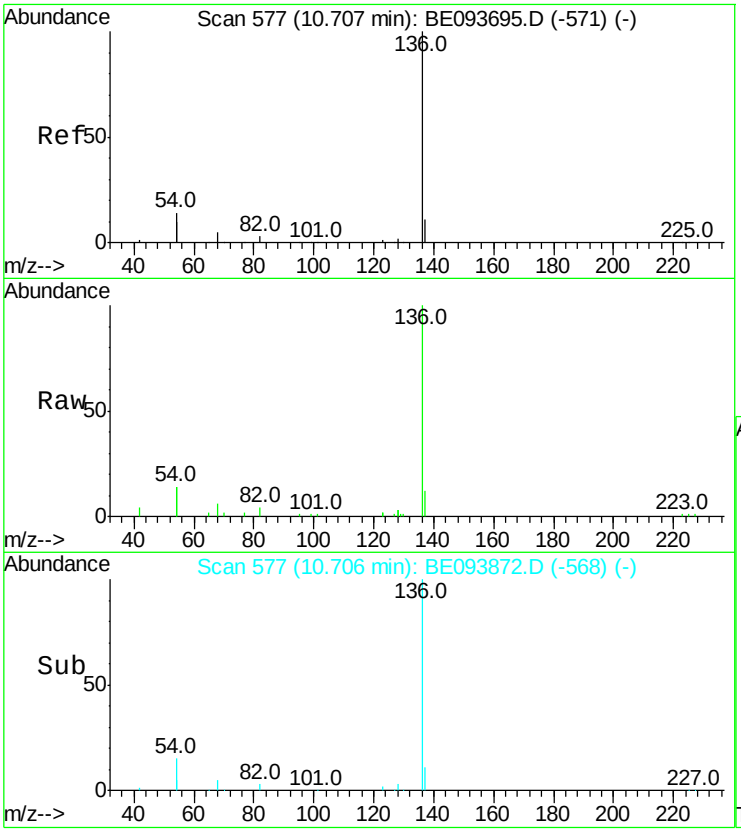


#6
bis(2-Chloroethyl)ether
Concen: 0.290 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion: 93 Resp: 1882

Ion	Ratio	Lower	Upper
93	100		
63	343.5	0.0	0.0#
95	34.0	25.4	38.0



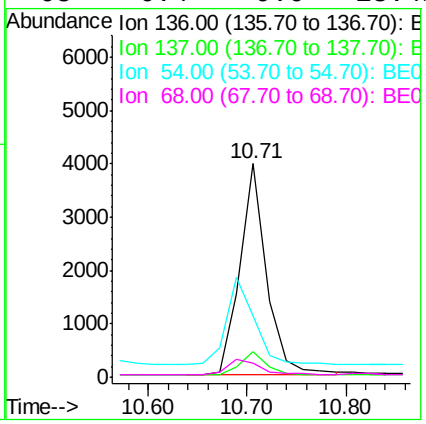


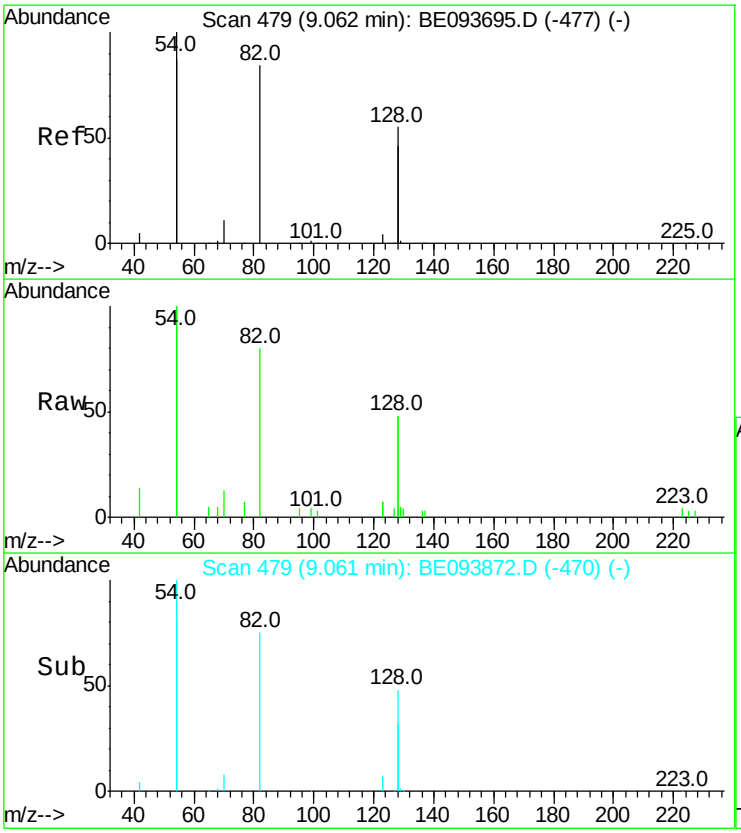
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:136 Resp: 7457

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	28.7	10.3	15.5#
68	6.4	9.0	13.4#

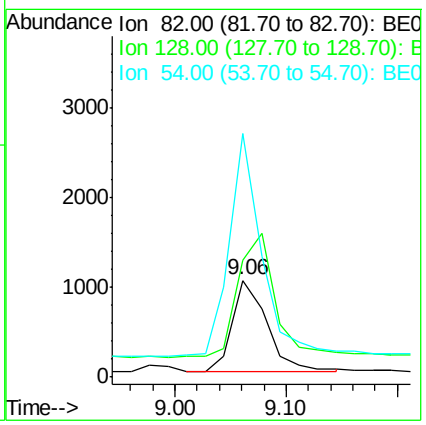


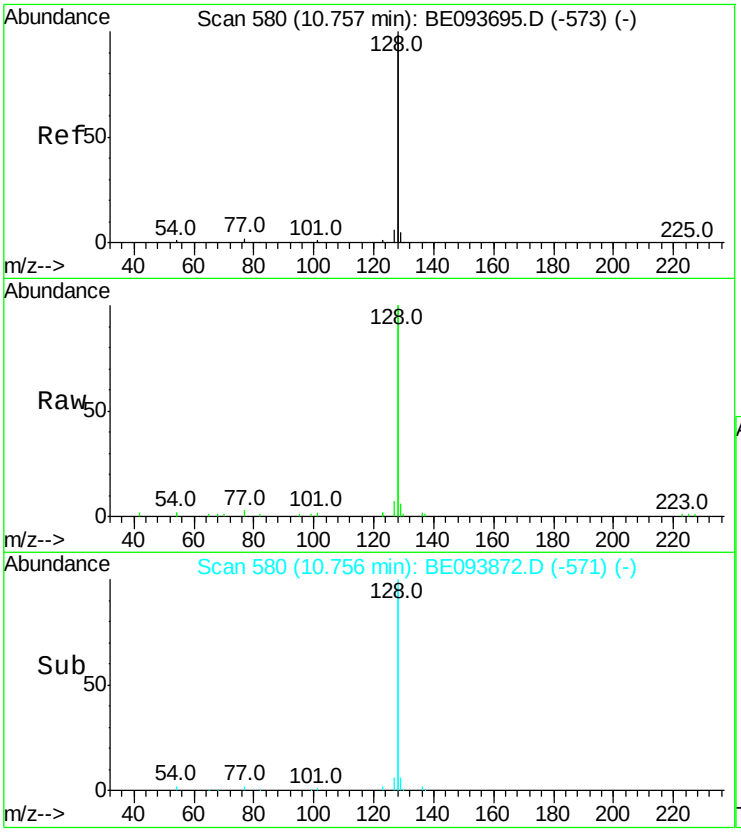


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion: 82 Resp: 2209

Ion	Ratio	Lower	Upper
82	100		
128	121.2	17.0	25.4#
54	251.3	53.8	80.6#



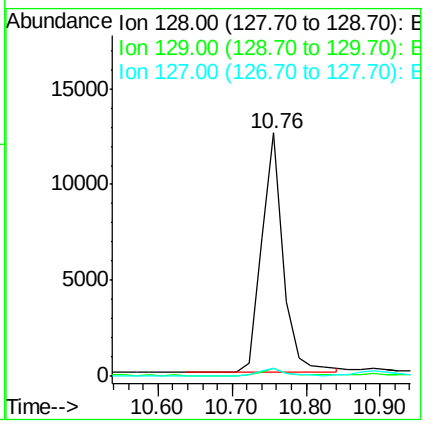


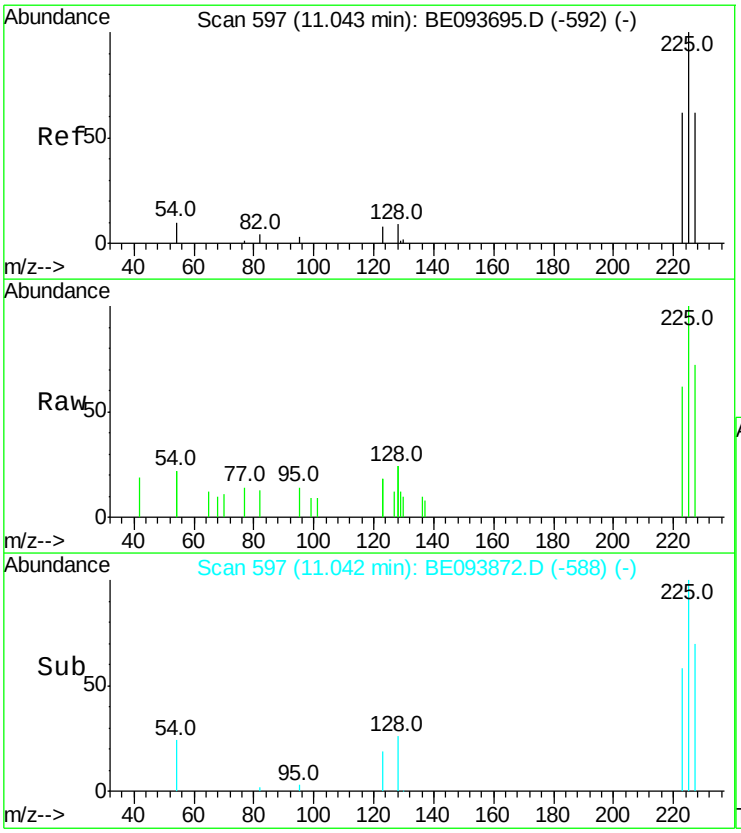
#9
Naphthalene
Concen: 0.295 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:128 Resp: 25211

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.4	2.4	3.6

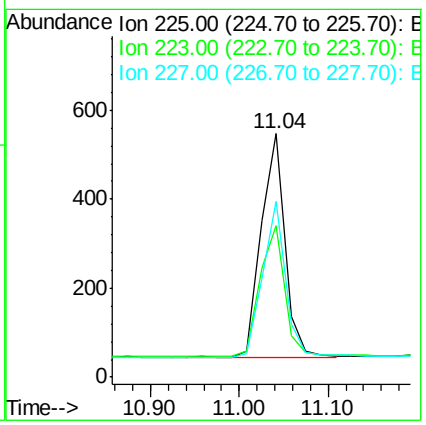


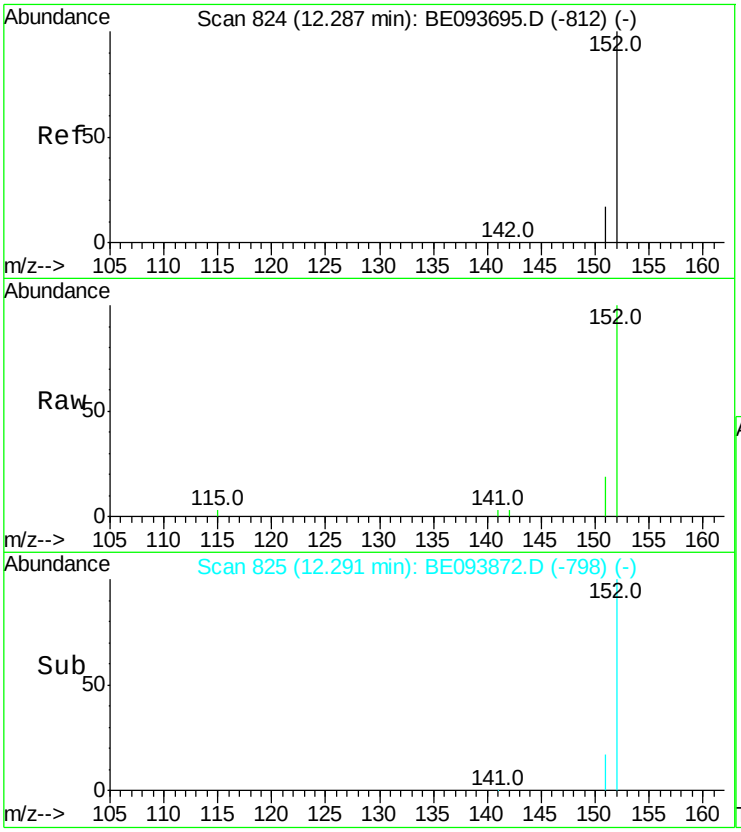


#10
Hexachlorobutadiene
Concen: 0.300 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:225 Resp: 953

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	66.6	50.3	75.5



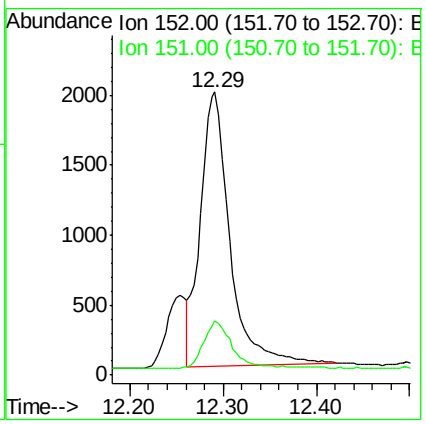


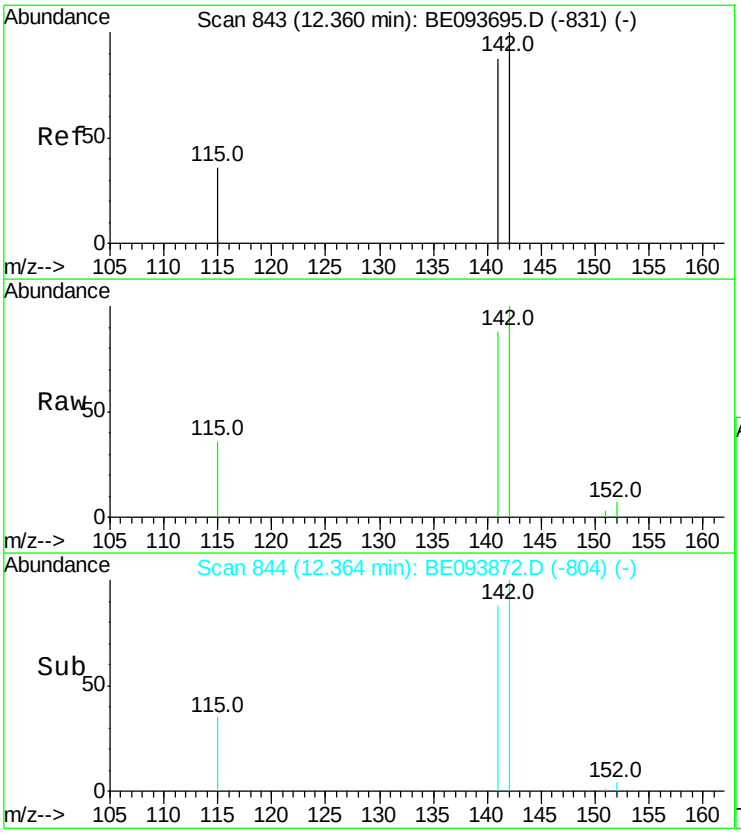
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:152 Resp: 4289

Ion	Ratio	Lower	Upper
152	100		
151	16.9	15.1	22.7

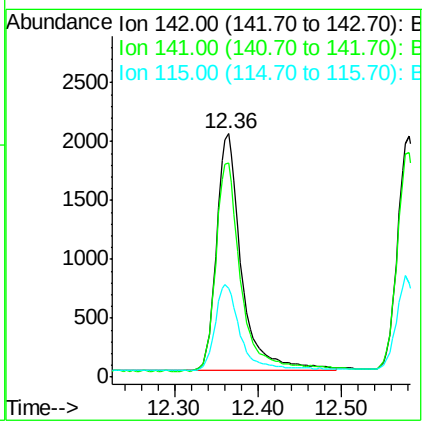


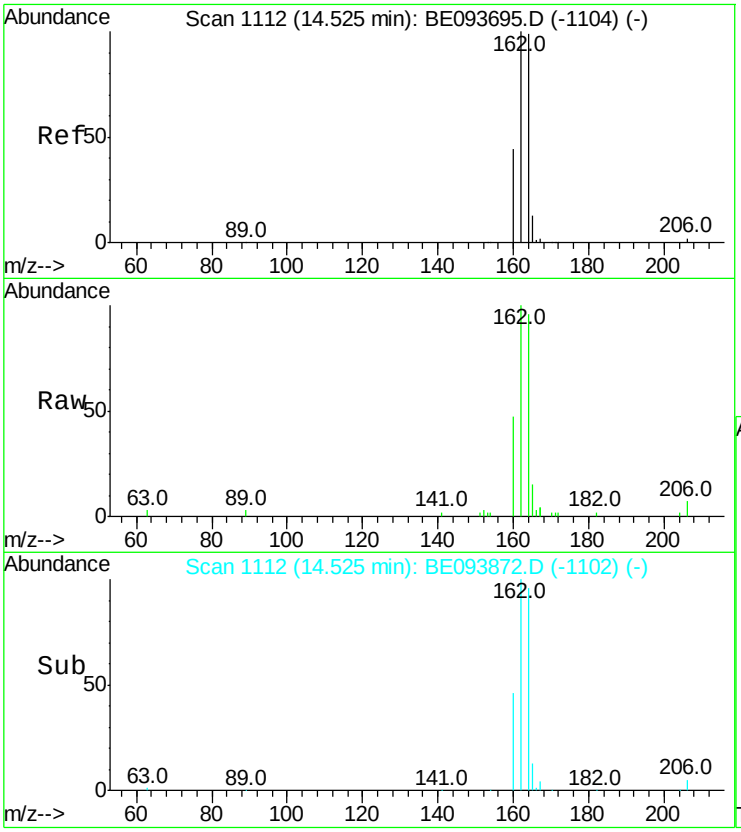


#12
2-Methylnaphthalene
Concen: 0.294 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:142 Resp: 4246

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8
115	36.4	32.2	48.2



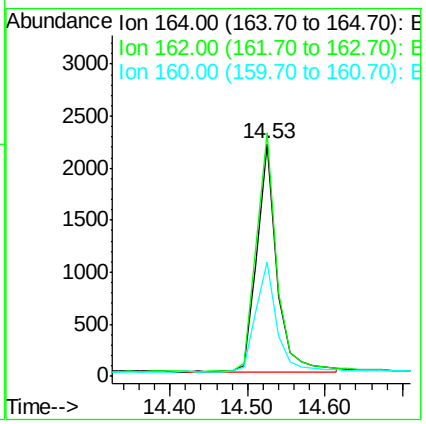


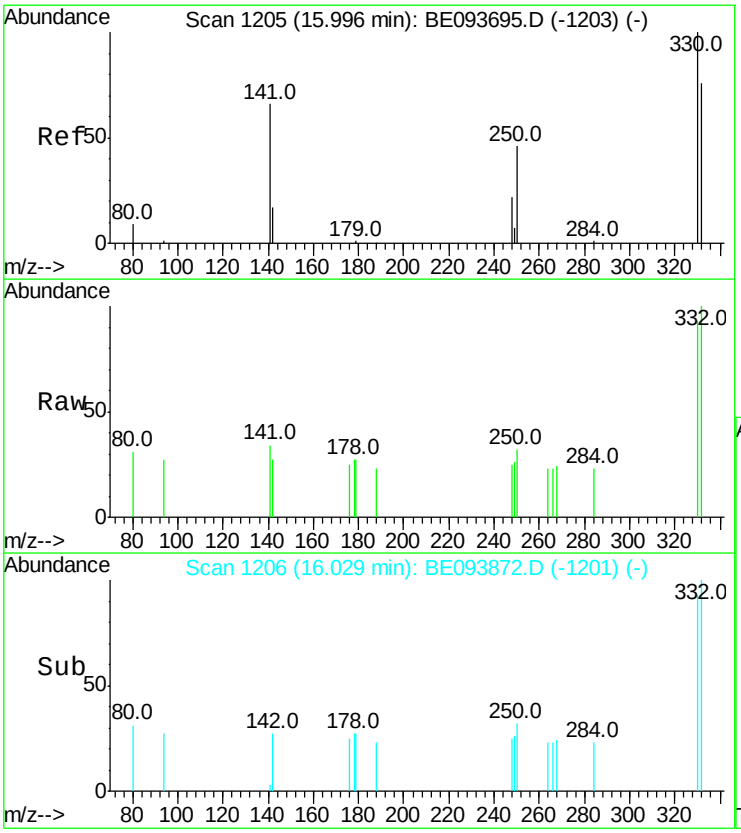
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:164 Resp: 3883

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.6	127.0
160	48.9	41.8	62.6

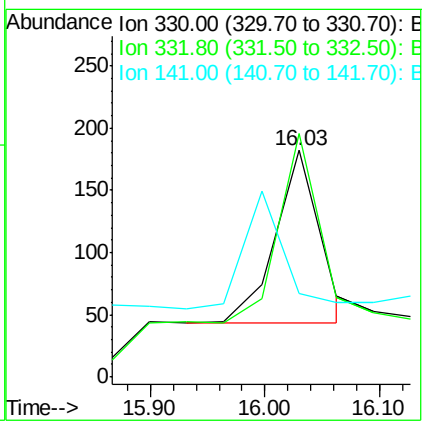


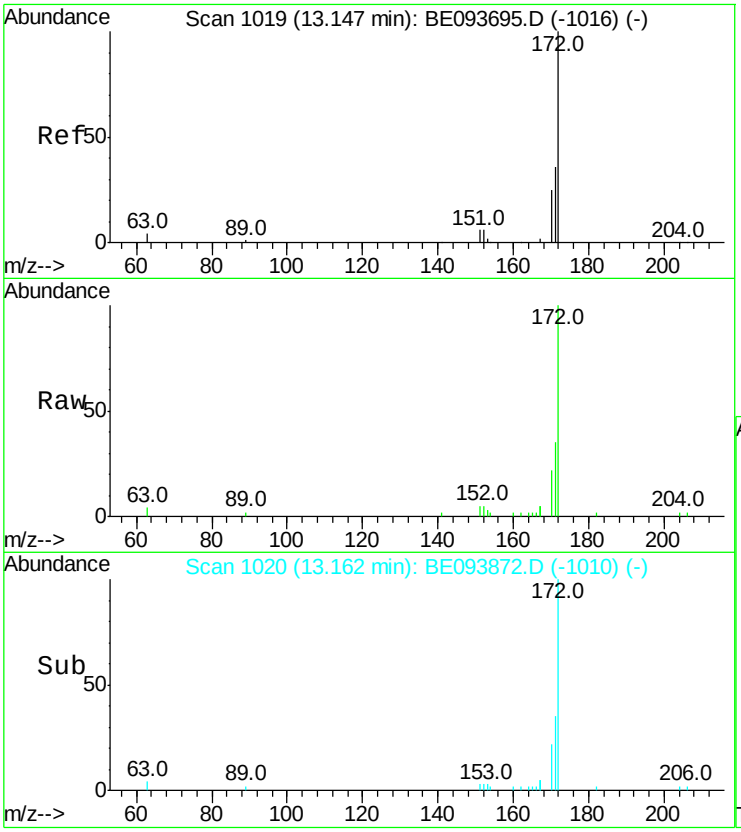


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:330 Resp: 377

Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.7	116.5
141	0.0	56.2	84.4#



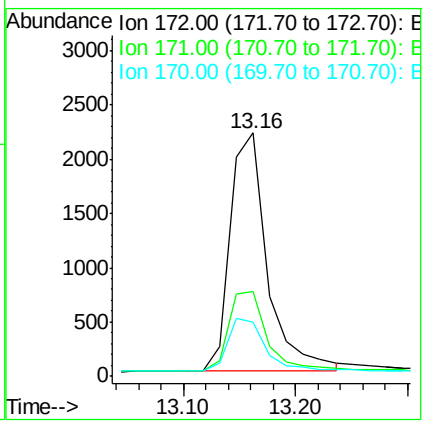


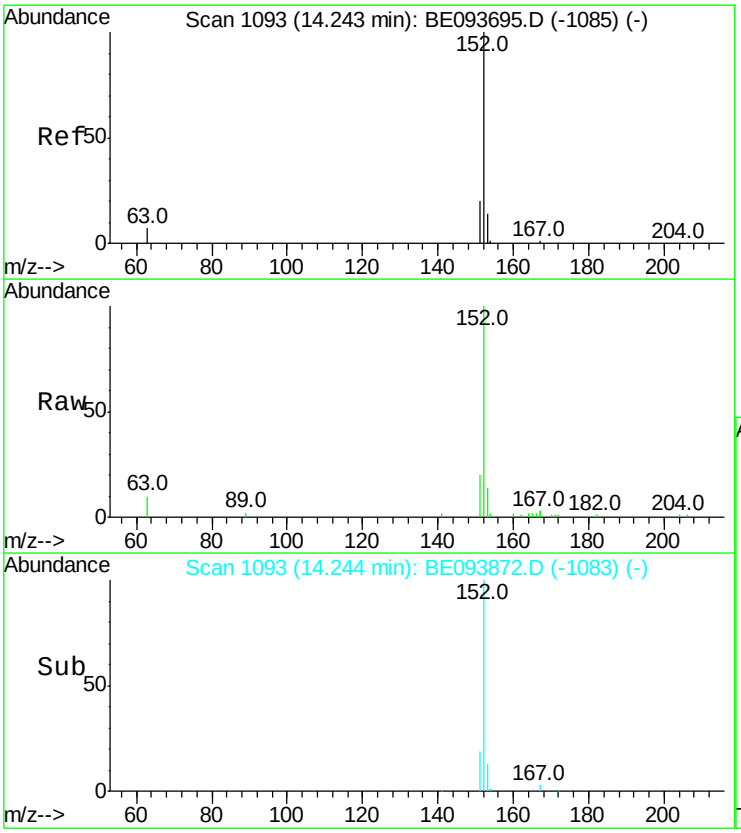
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:172 Resp: 5091

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	22.2	20.7	31.1

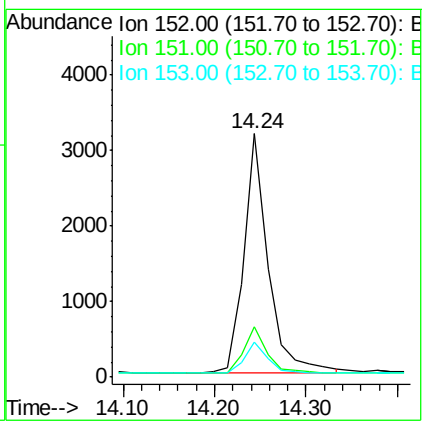


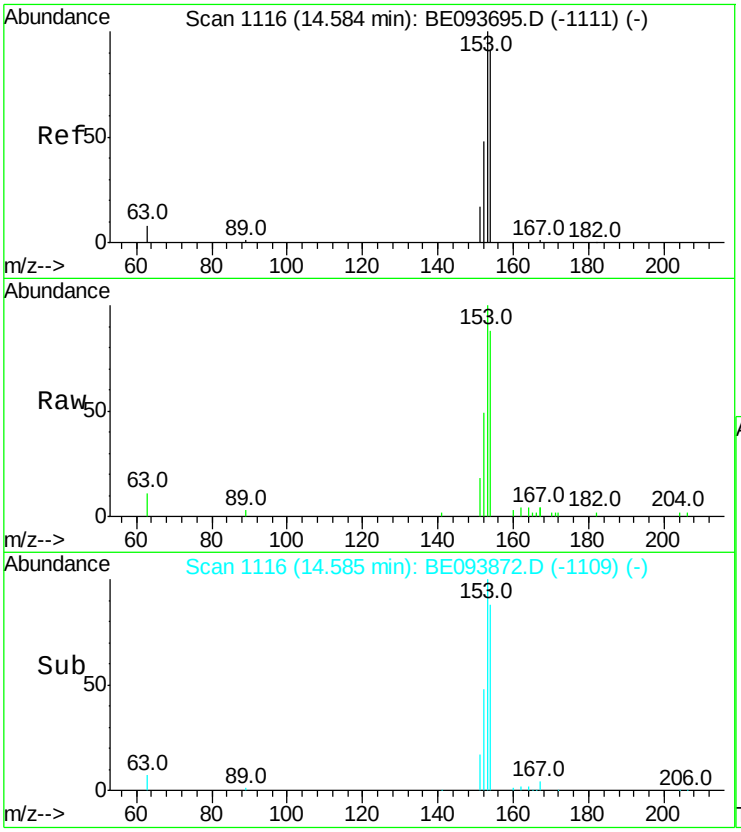


#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:152 Resp: 5883

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	13.1	10.3	15.5



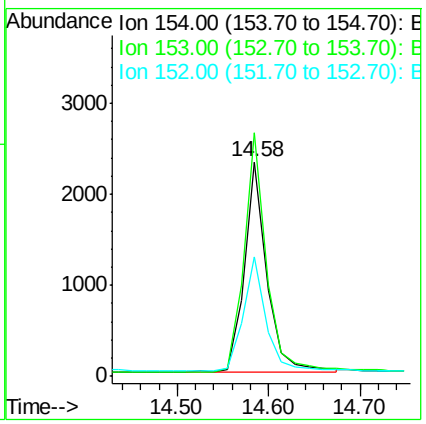


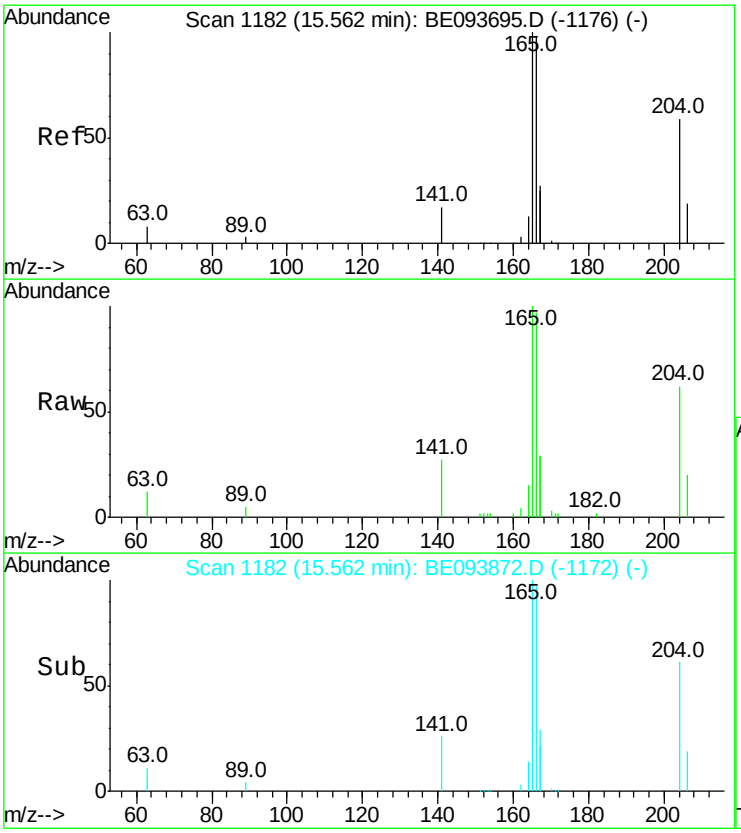
#17
Acenaphthene
Concen: 0.297 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:154 Resp: 3908

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.9	44.8	67.2

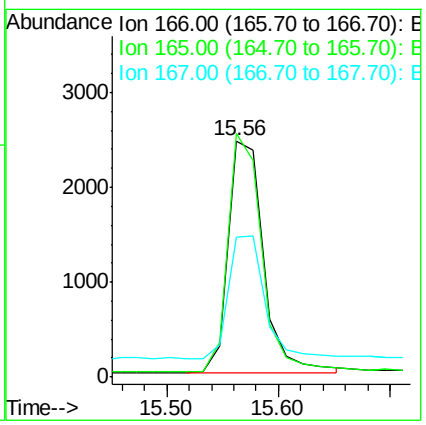


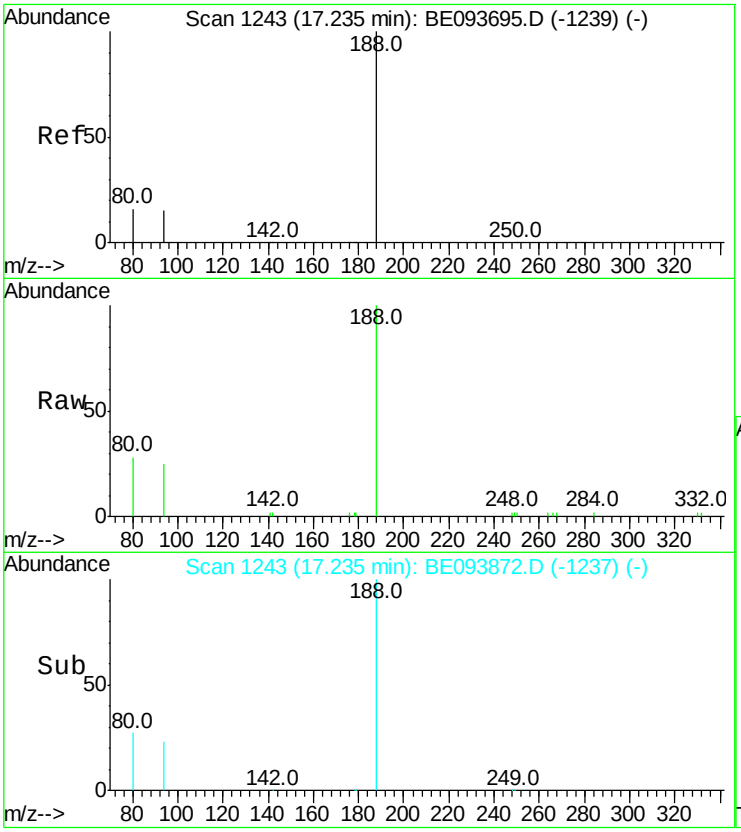


#18
Fluorene
Concen: 0.313 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:166 Resp: 5322

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	54.6	11.1	16.7#



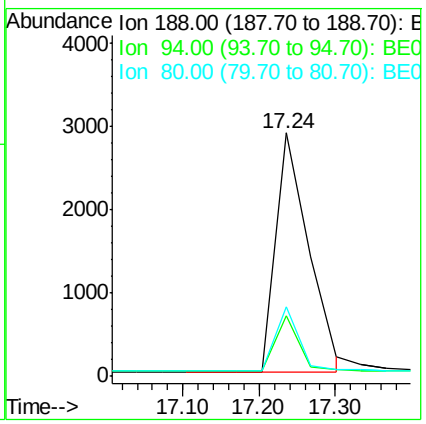


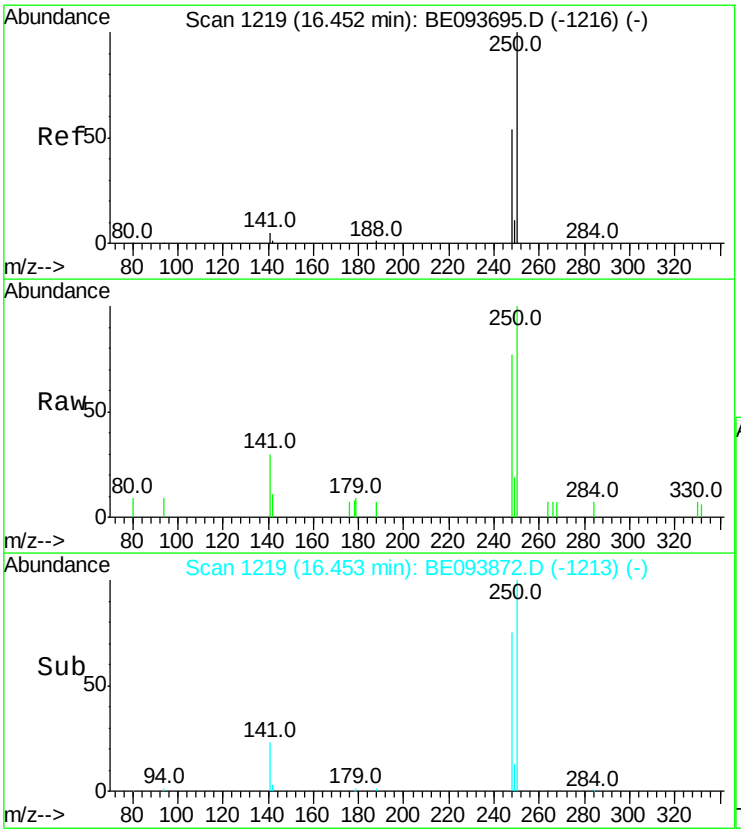
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:188 Resp: 8716

Ion	Ratio	Lower	Upper
188	100		
94	24.7	11.3	16.9#
80	28.5	11.7	17.5#

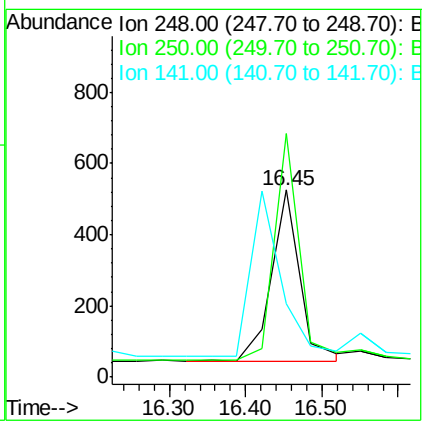


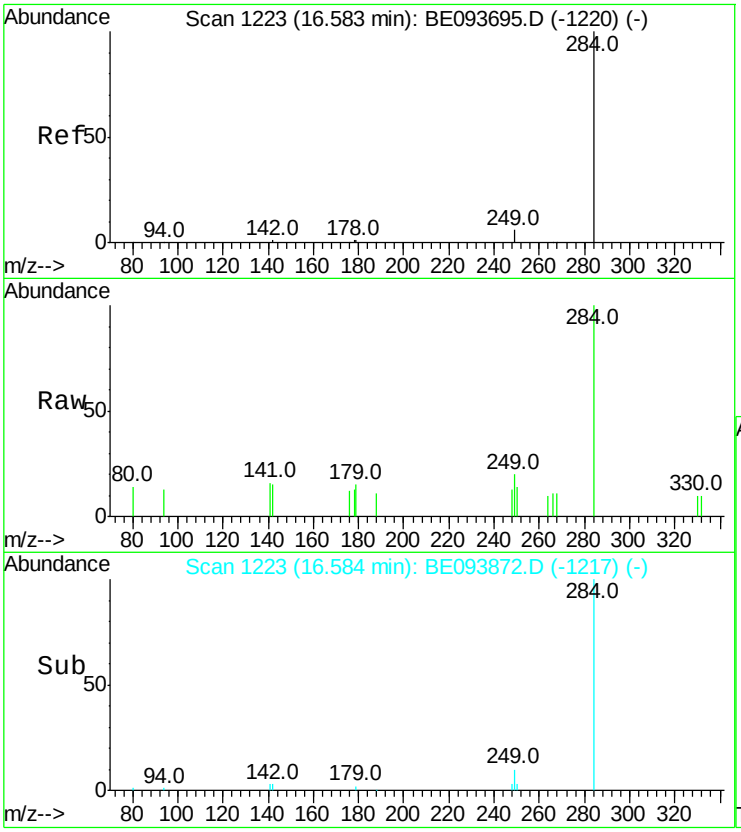


#20
4-Bromophenyl-phenylether
Concen: 0.506 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:248 Resp: 1248

Ion	Ratio	Lower	Upper
248	100		
250	130.3	128.0	192.0
141	39.2	12.0	18.0#



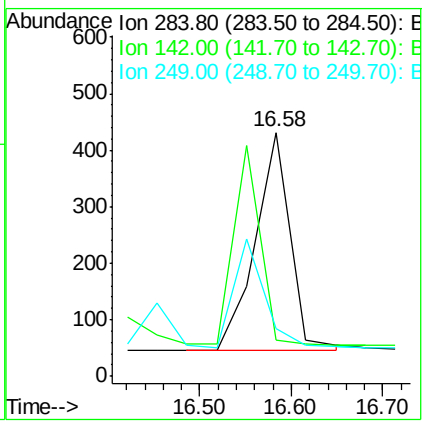


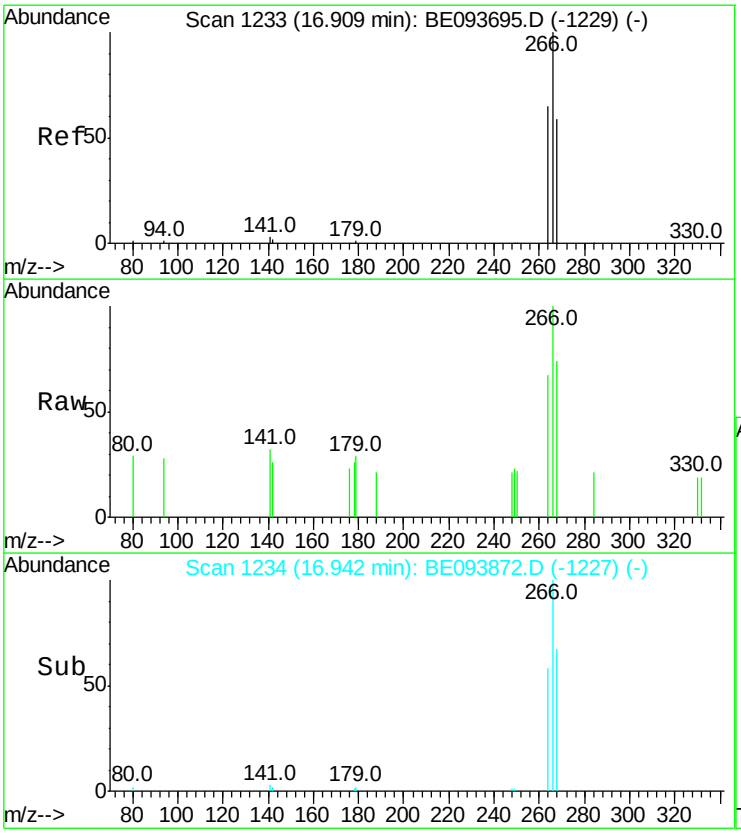
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:284 Resp: 1027

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

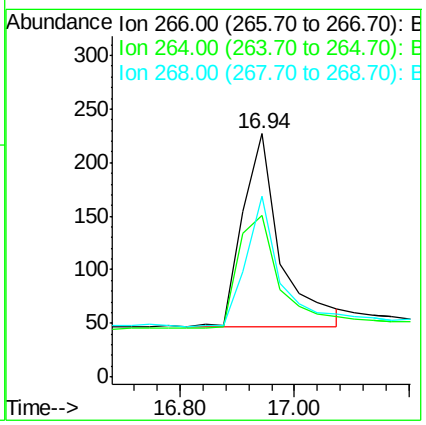


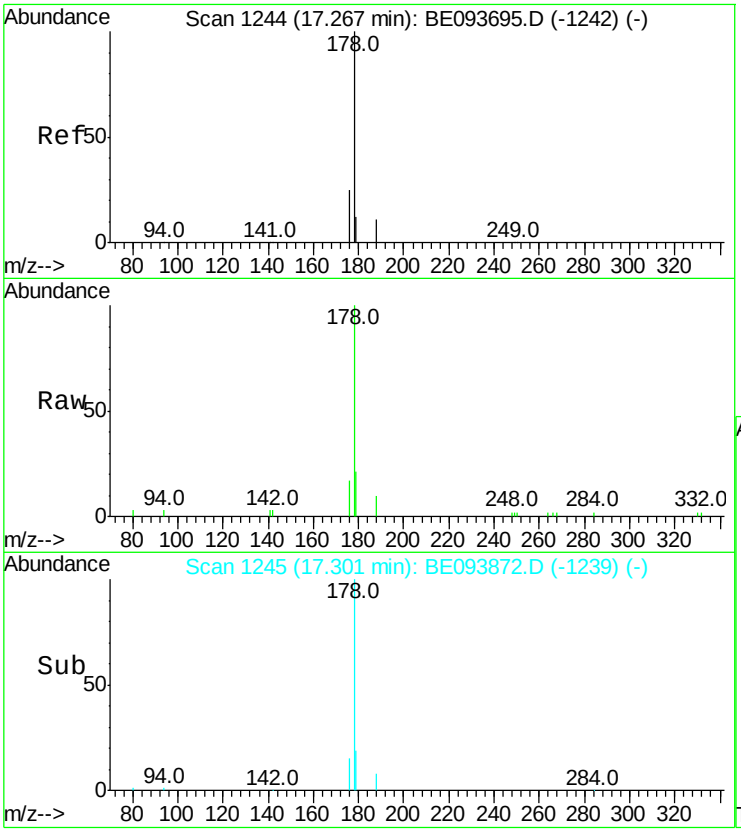


#22
Pentachlorophenol
Concen: 0.444 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:266 Resp: 818

Ion	Ratio	Lower	Upper
266	100		
264	66.5	56.0	84.0
268	74.4	52.0	78.0



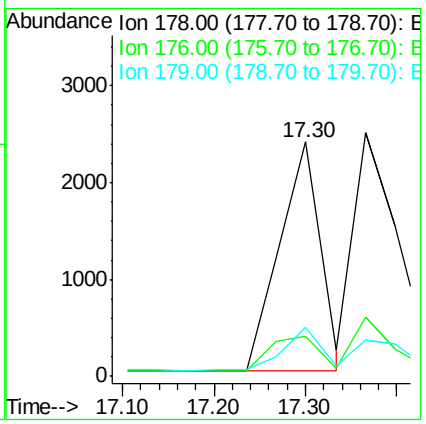


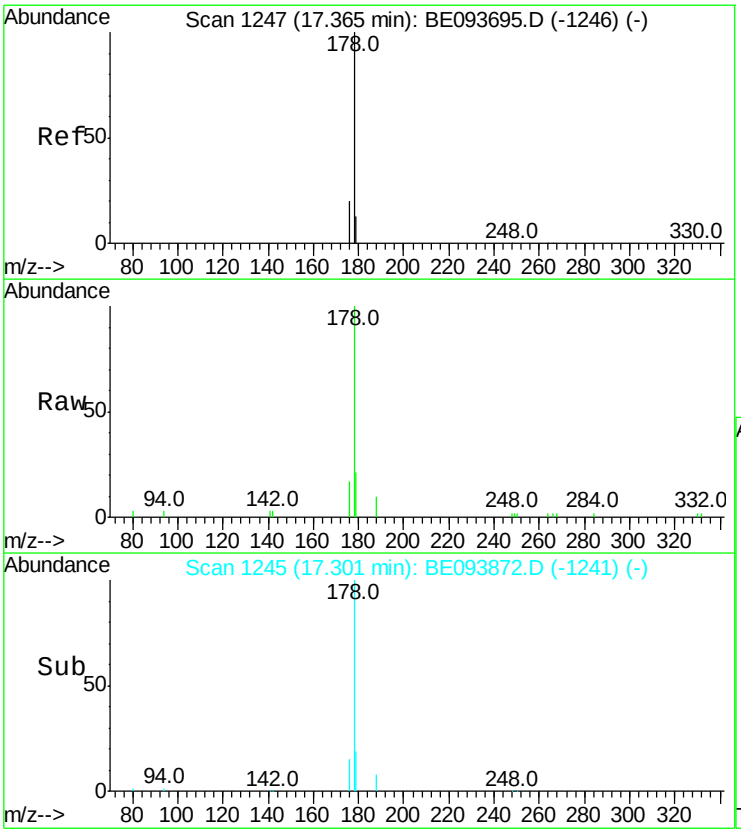
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:178 Resp: 7315

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.6	12.7	19.1

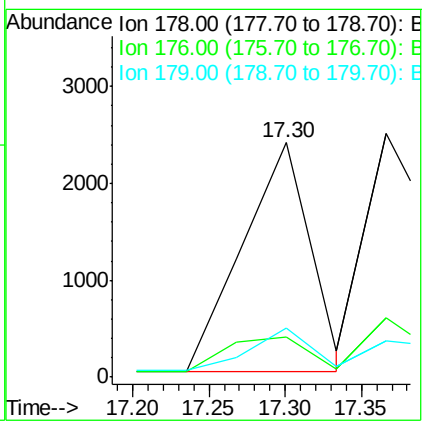


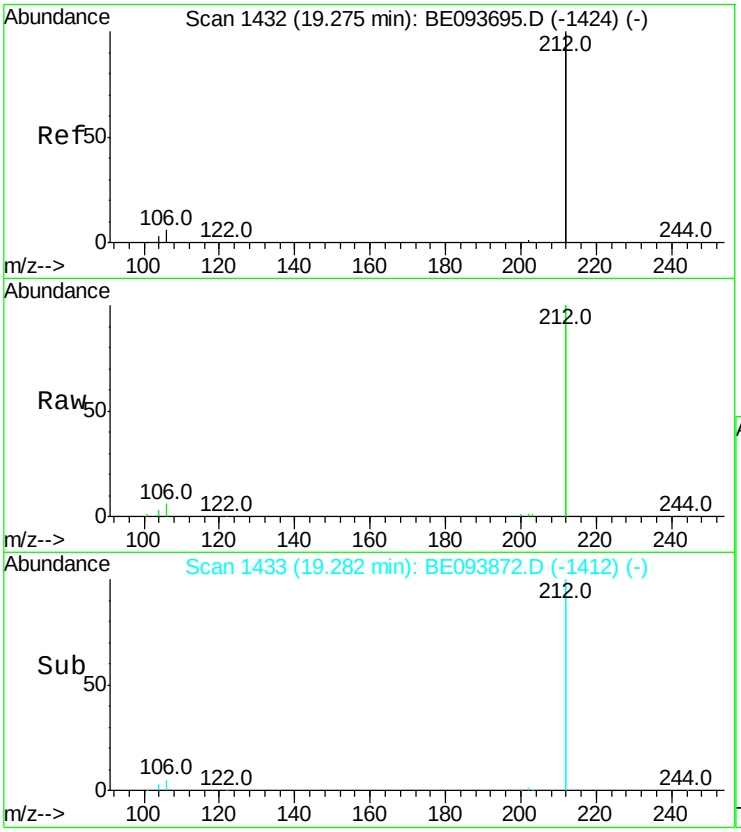


#24
Anthracene
Concen: 0.258 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:178 Resp: 7278

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	16.0	12.0	18.0



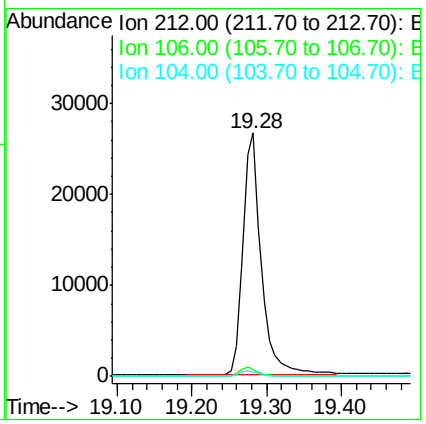


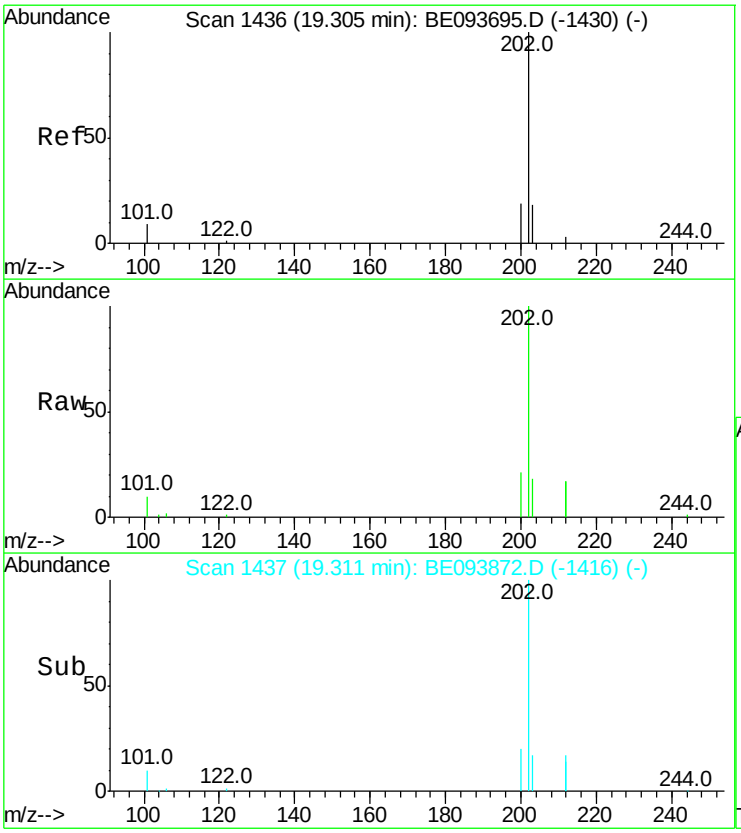
#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:212 Resp: 45122

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

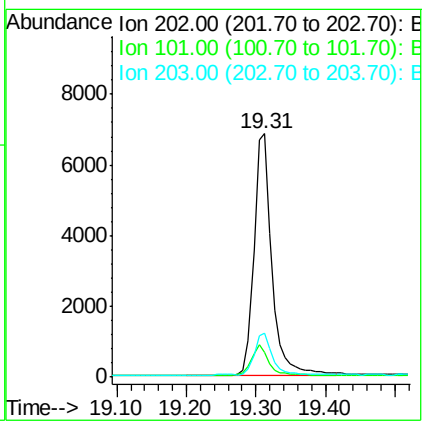


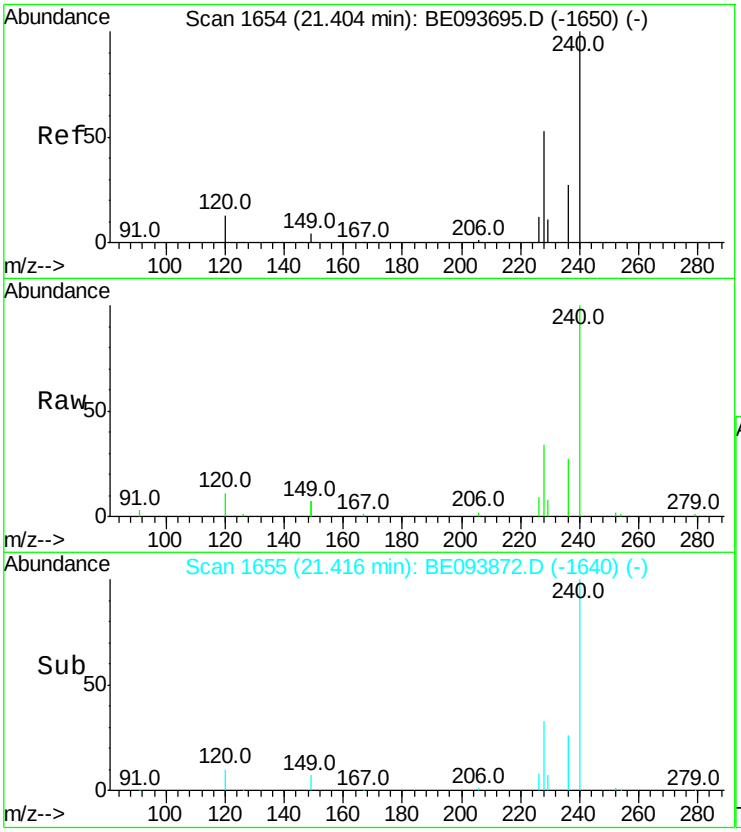


#26
Fluoranthene
Concen: 0.391 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:202 Resp: 11900

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	16.7	14.4	21.6



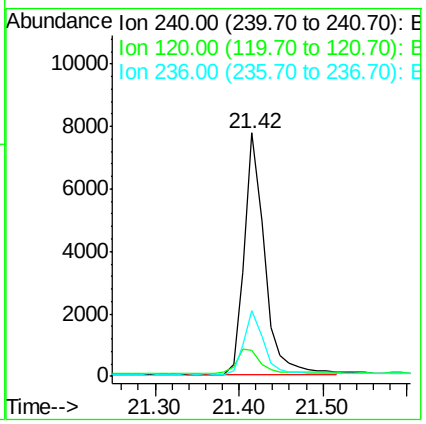


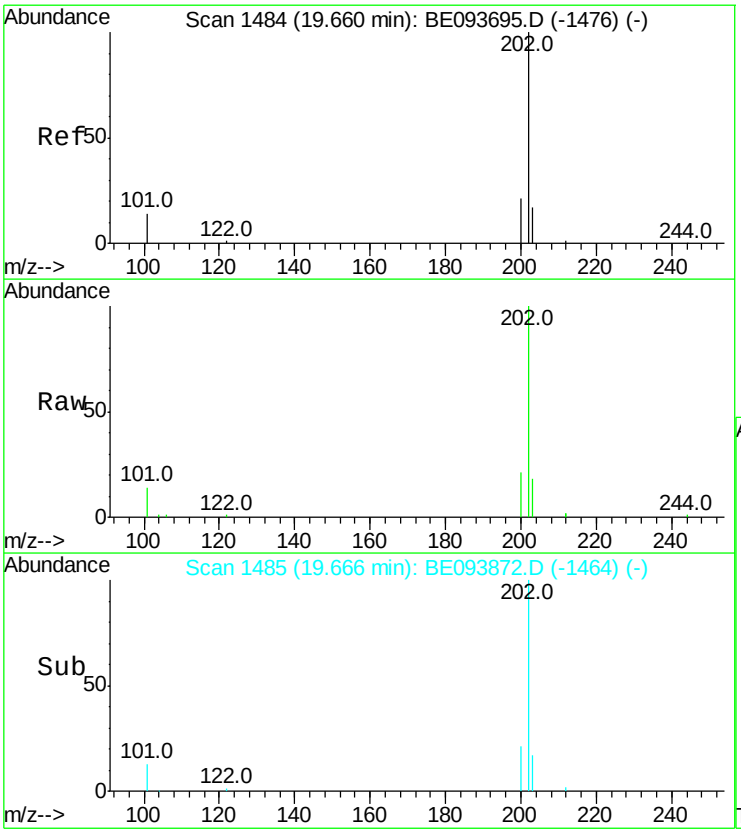
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:240 Resp: 12886

Ion	Ratio	Lower	Upper
240	100		
120	10.8	4.6	7.0#
236	26.8	20.8	31.2

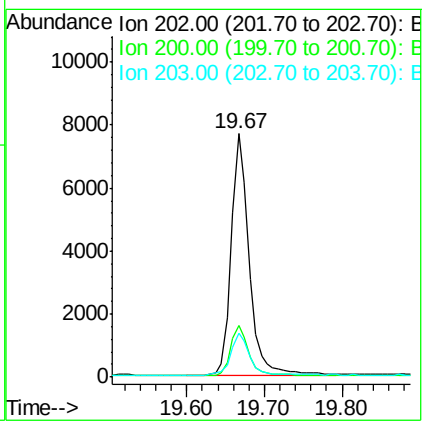


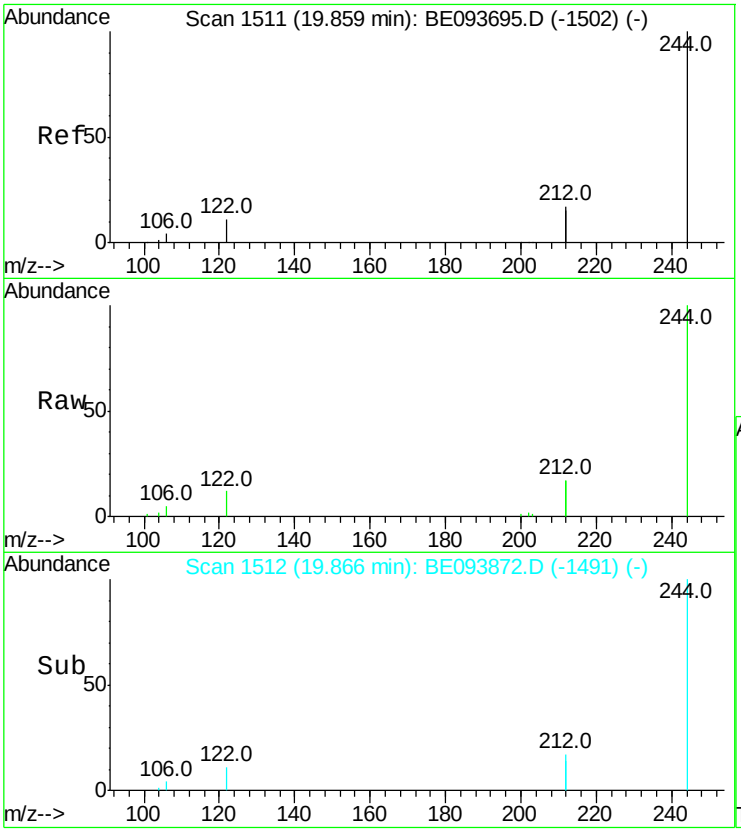


#28
Pyrene
Concen: 0.291 ng
RT: 19.67 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:202 Resp: 12303

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	18.3	13.7	20.5



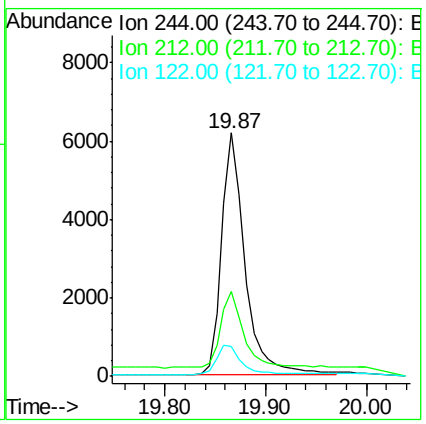


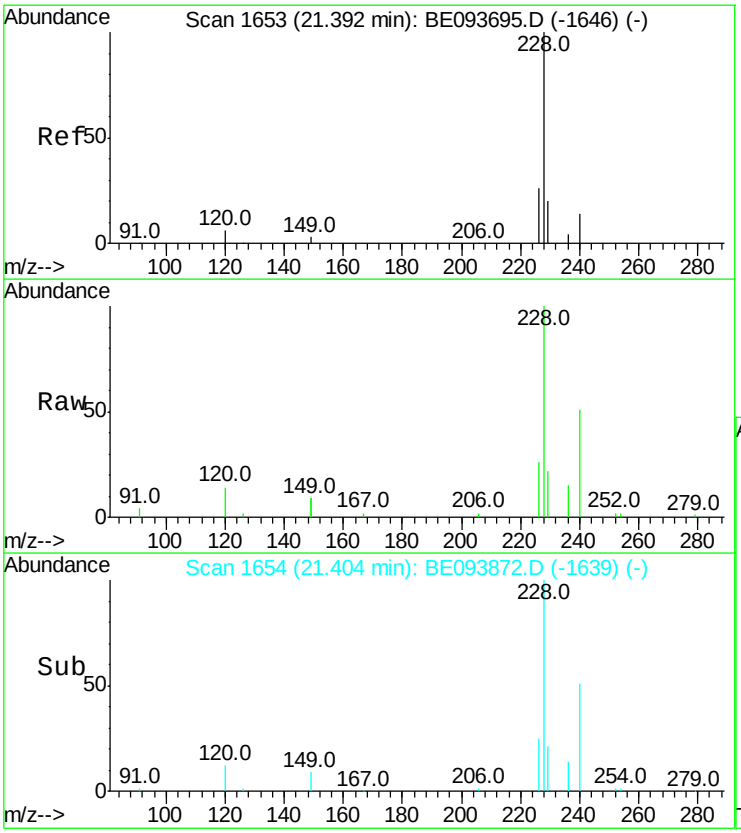
#29
Terphenyl-d14
Concen: 0.431 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:244 Resp: 9888

Ion	Ratio	Lower	Upper
244	100		
212	34.6	10.6	16.0#
122	12.2	15.4	23.0#

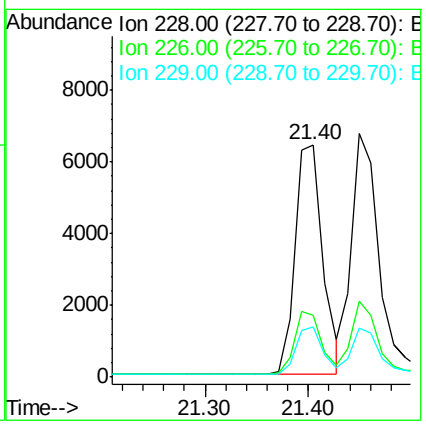


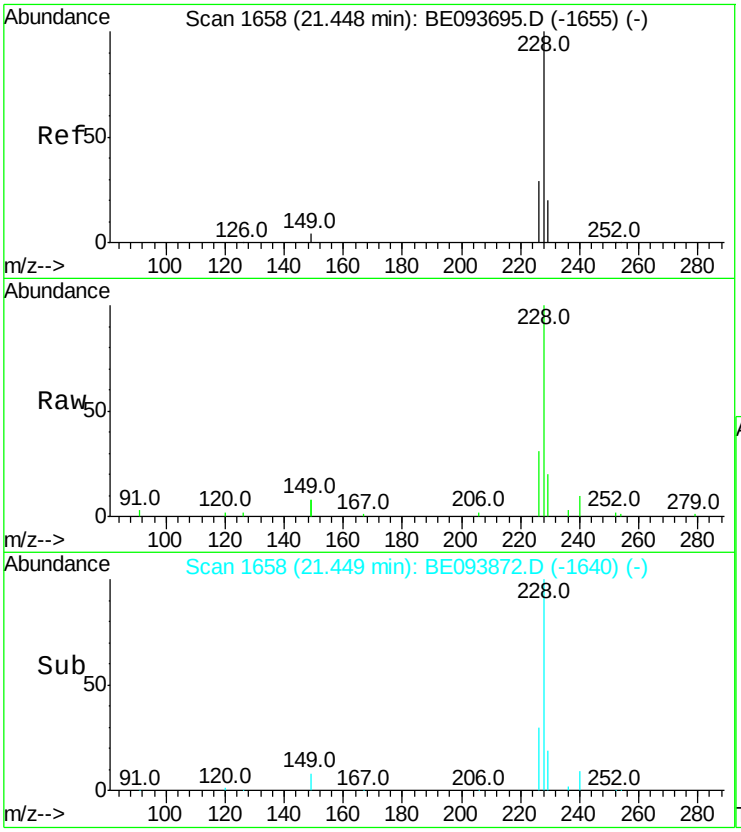


#30
Benzo(a)anthracene
Concen: 0.290 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:228 Resp: 11874

Ion	Ratio	Lower	Upper
228	100		
226	26.3	19.7	29.5
229	21.6	19.2	28.8



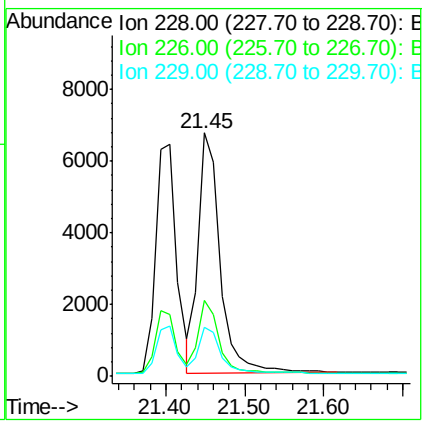


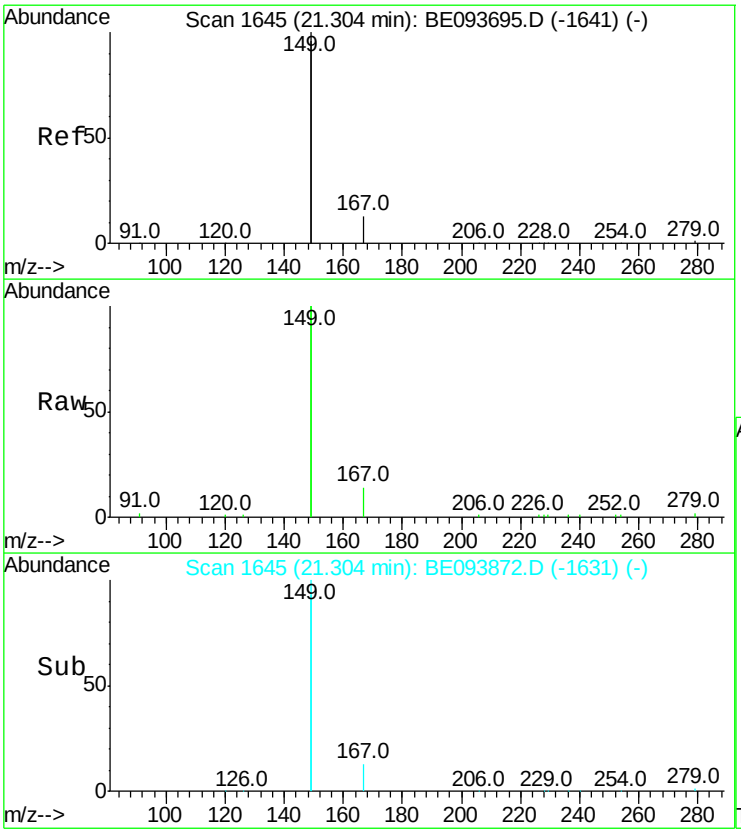
#31
Chrysene
Concen: 0.304 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:228 Resp: 12688

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.5	32.3
229	20.0	18.6	28.0

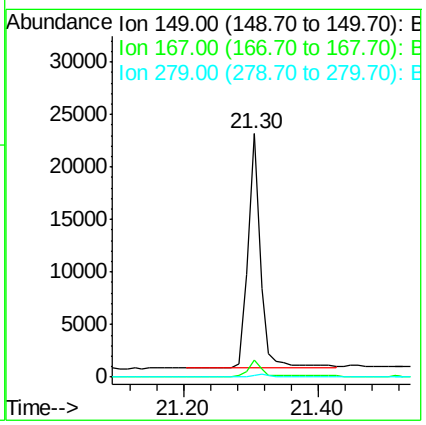


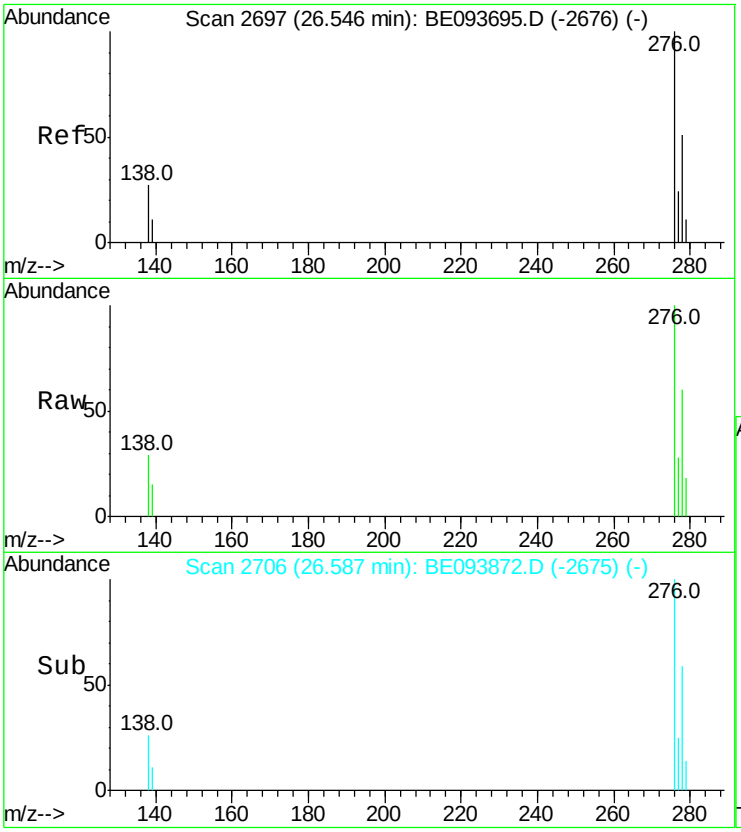


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:149 Resp: 29064

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2



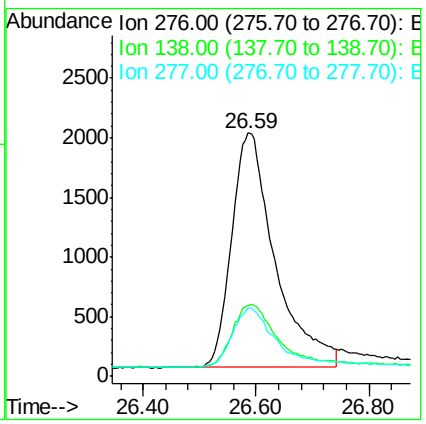


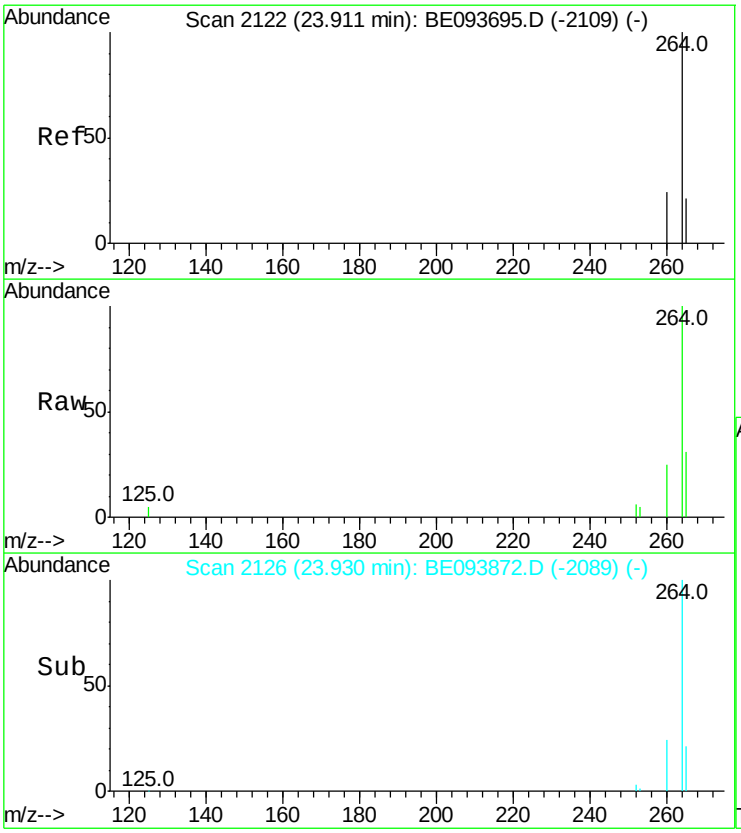
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng
RT: 26.59 min Scan# 2706
Delta R.T. 0.04 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:276 Resp: 10296

Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.4	41.2
277	25.0	20.1	30.1

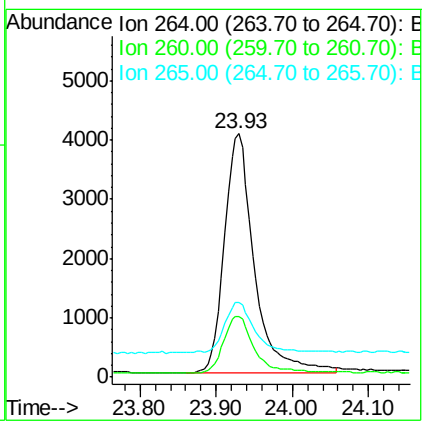


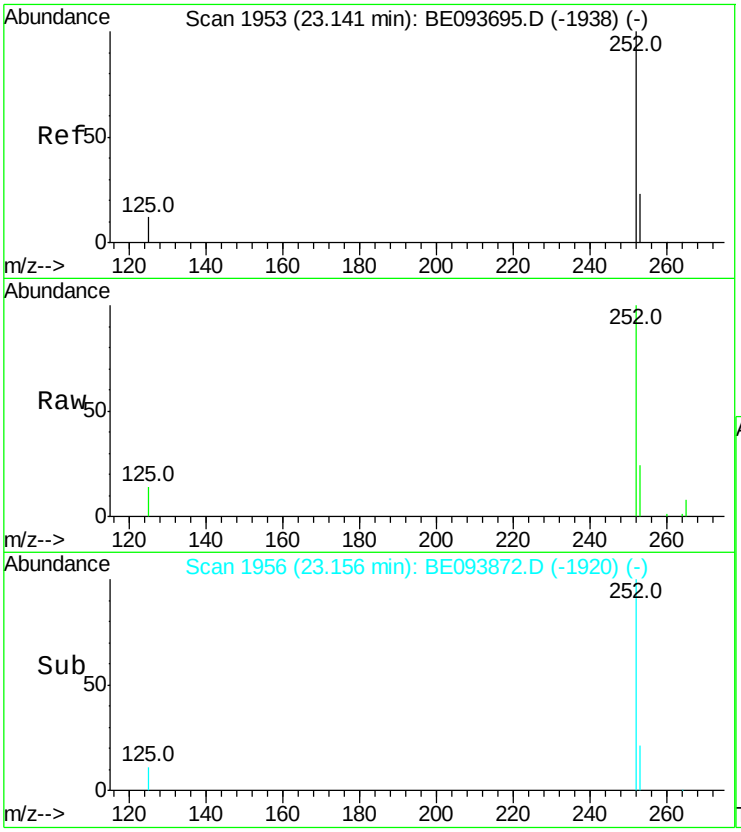


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. 0.02 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:264 Resp: 11050

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.0	31.4
265	30.7	24.6	36.8



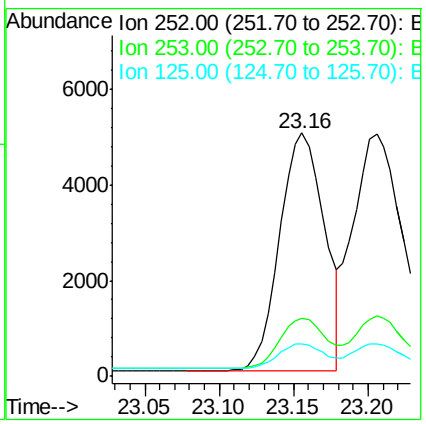


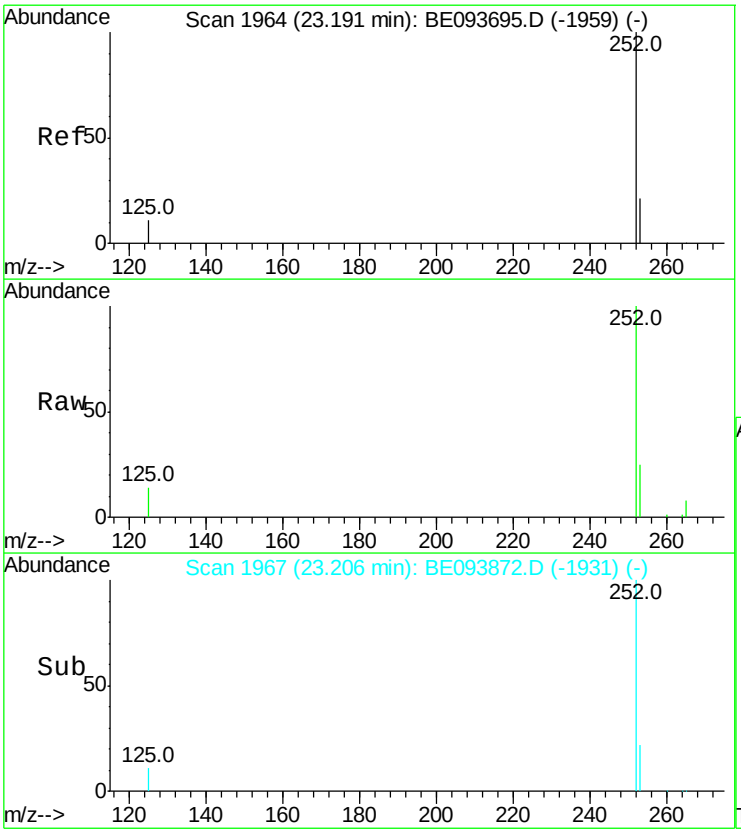
#35
Benzo(b)fluoranthene
Concen: 0.271 ng
RT: 23.16 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:252 Resp: 10392

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	13.5	13.4	20.0

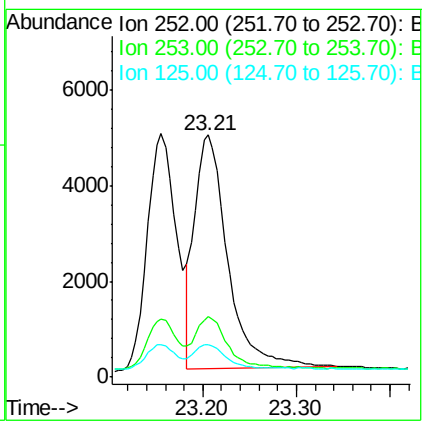


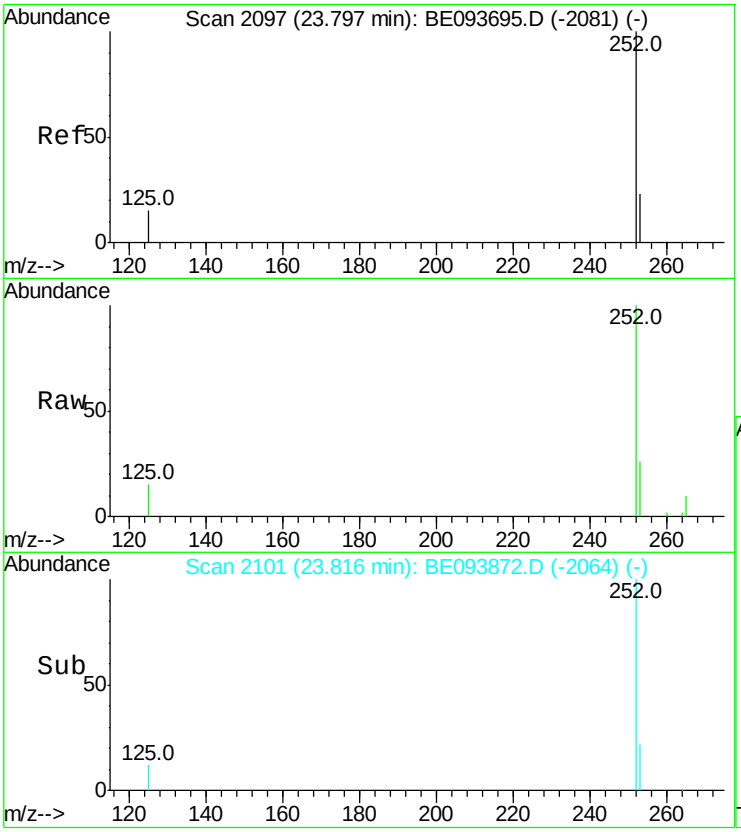


#36
Benzo(k)fluoranthene
Concen: 0.310 ng
RT: 23.21 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:252 Resp: 11885

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	13.5	12.2	18.4



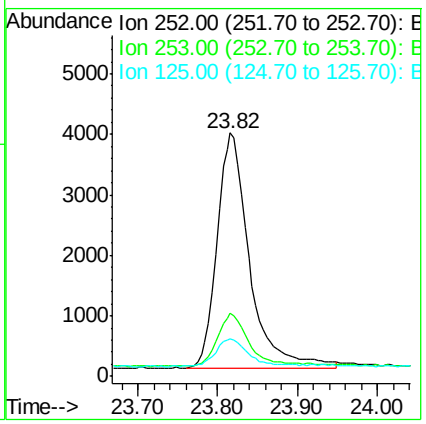


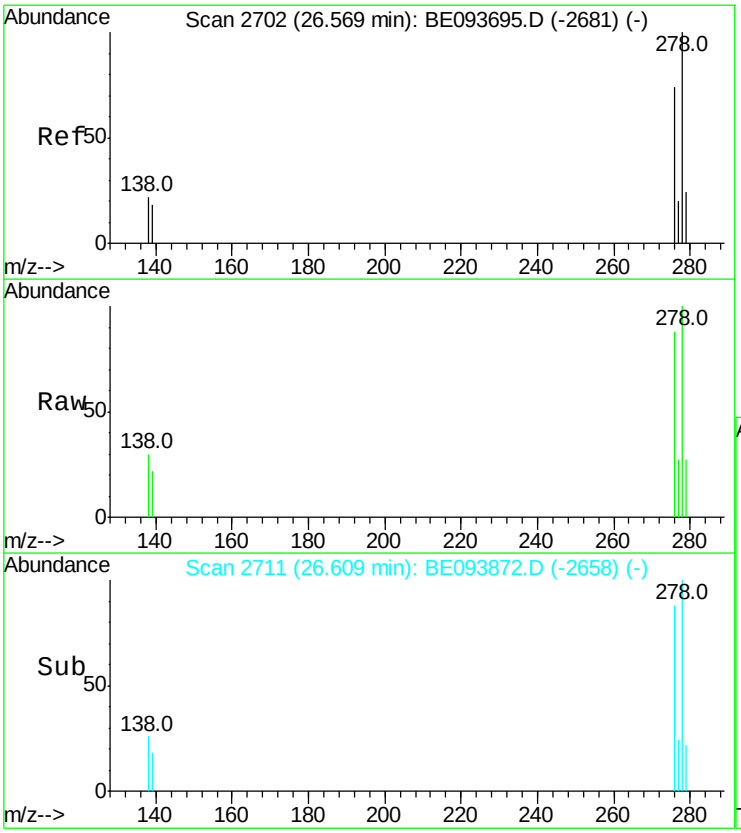
#37
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.82 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:252 Resp: 10942

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.9	29.9
125	15.3	14.6	21.8

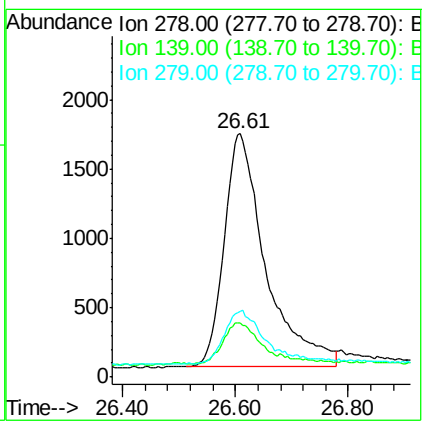


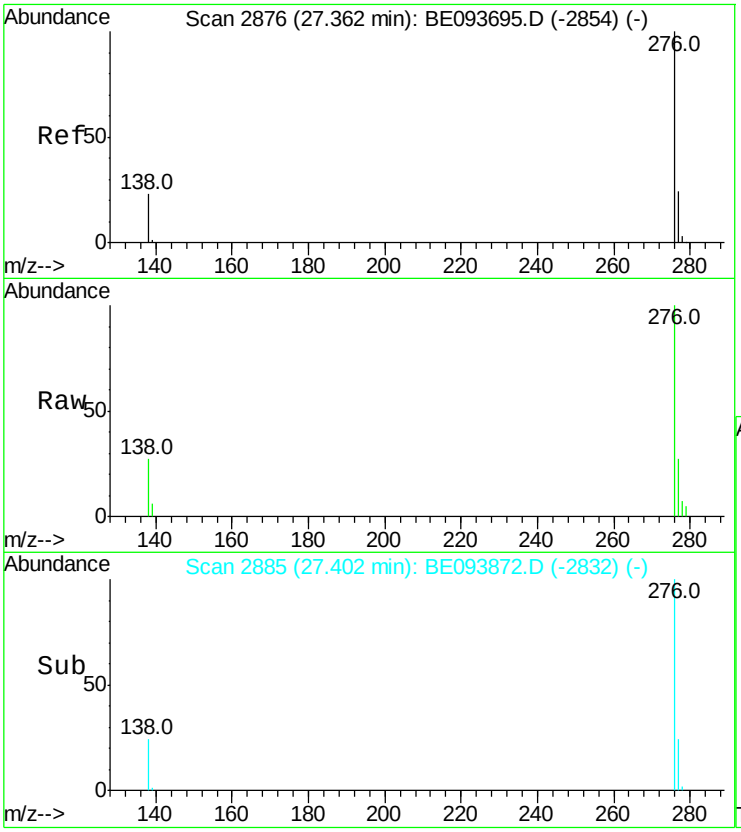


#38
Dibenzo(a,h)anthracene
Concen: 0.251 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.04 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Tgt Ion:278 Resp: 8491

Ion	Ratio	Lower	Upper
278	100		
139	22.1	21.4	32.0
279	27.1	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.267 ng
RT: 27.40 min Scan# 2885
Delta R.T. 0.04 min
Lab File: BE093872.D
Acq: 22 Aug 2017 12:54

Instrument :
BNA_E
ClientSampleId :
PB101705BS

Tgt Ion:276 Resp: 9081

Ion	Ratio	Lower	Upper
276	100		
277	27.3	21.2	31.8
138	27.3	24.5	36.7