Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093873.D
Acq On : 22 Aug 2017 13:33
Operator : SJ/JU
Sample : PB101705BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB101705BSD

Quant Time: Aug 23 01:00:20 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	1515	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	6690	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	3535	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	7894	0.40	ng		0.00
27) Chrysene-d12	21.41	240	11556	0.40	ng		0.01
34) Perylene-d12	23.93	264	9973	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1613	0.33	ng		0.00
5) Phenol-d6	7.10	99	2123	0.28	ng		0.01
8) Nitrobenzene-d5	9.06	82	1902	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4654	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	325	0.34	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	4441	0.32	ng		0.01
25) Fluoranthene-d10	19.28	212	40240	0.45	ng		0.00
29) Terphenyl-d14	19.87	244	8317	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	711	0.312	ng	#	25
3) n-Nitrosodimethylamine	3.75	42	752	0.317	ng		92
6) bis(2-Chloroethyl)ether	7.34	93	1662	0.287	ng	#	100
9) Naphthalene	10.76	128	22913	0.299	ng		99
10) Hexachlorobutadiene	11.04	225	857	0.301	ng		98
12) 2-Methylnaphthalene	12.36	142	3780	0.292	ng		98
16) Acenaphthylene	14.24	152	5435	0.306	ng	#	87
17) Acenaphthene	14.58	154	3571	0.298	ng		99
18) Fluorene	15.58	166	4905	0.317	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	1263	0.565	ng	#	69
21) Hexachlorobenzene	16.58	284	1031	0.433	ng	#	100
22) Pentachlorophenol	16.94	266	696	0.417	ng		91
23) Phenanthrene	17.30	178	7095	0.422	ng		99
24) Anthracene	17.30	178	7080	0.277	ng	#	92
26) Fluoranthene	19.31	202	10794	0.392	ng		99
28) Pyrene	19.67	202	11125	0.294	ng	#	97
30) Benzo(a)anthracene	21.40	228	10712	0.292	ng		95
31) Chrysene	21.46	228	11684	0.312	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	25252	0.321	ng		98
33) Indeno(1,2,3-cd)pyrene	26.59	276	9246	0.256	ng		92
35) Benzo(b)fluoranthene	23.16	252	9228	0.267	ng		96
36) Benzo(k)fluoranthene	23.21	252	10777	0.312	ng		98
37) Benzo(a)pyrene	23.81	252	9883	0.303	ng		98
38) Dibenzo(a,h)anthracene	26.61	278	7760	0.254	ng		95
39) Benzo(g,h,i)perylene	27.39	276	8131	0.265	ng		96

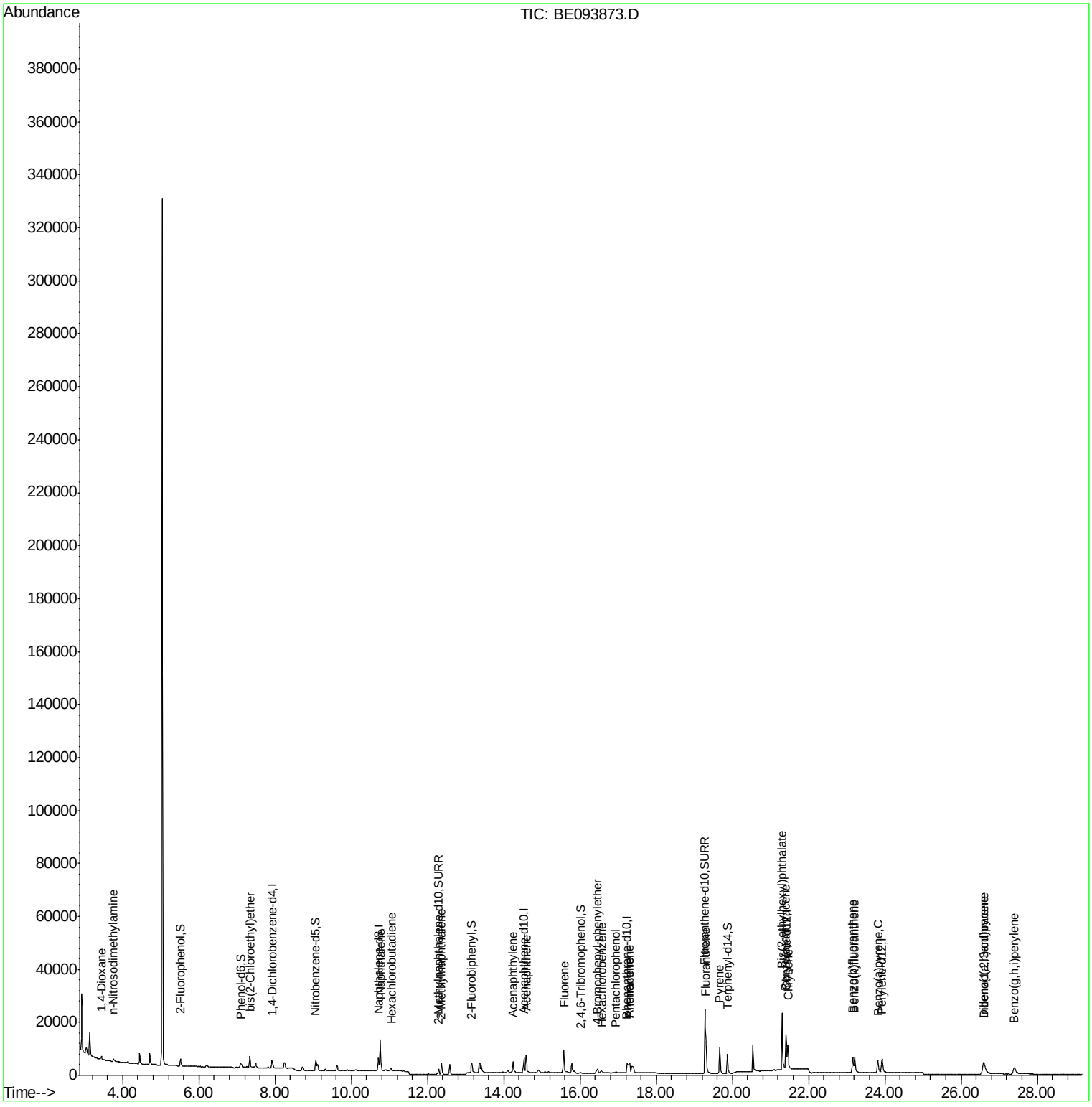
(#) = qualifier out of range (m) = manual integration (+) = signals summed

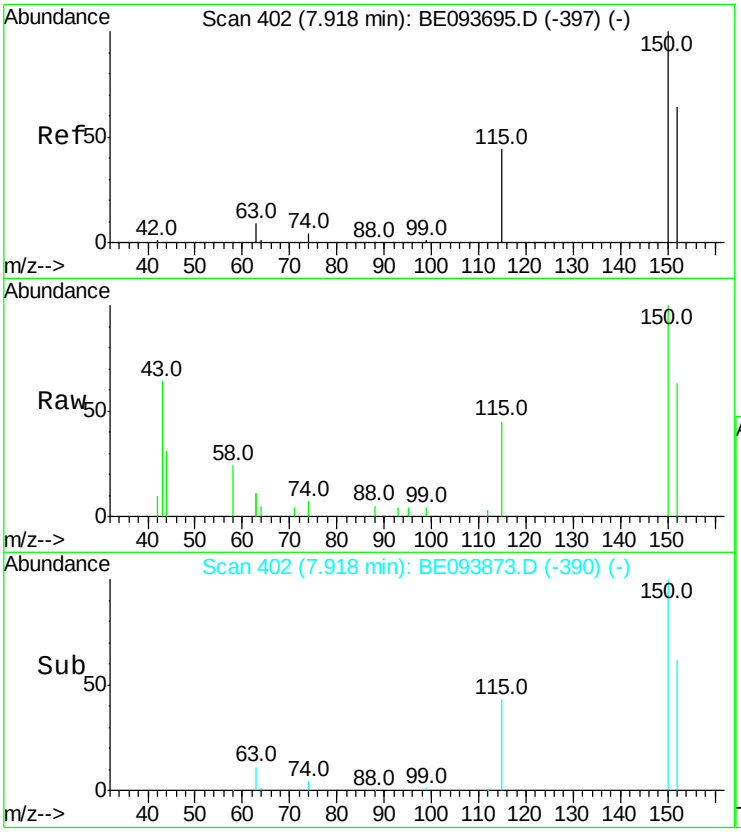
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093873.D
Acq On : 22 Aug 2017 13:33
Operator : SJ/JU
Sample : PB101705BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Quant Time: Aug 23 01:00:20 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



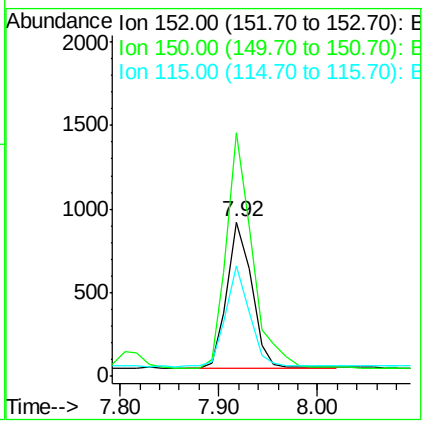


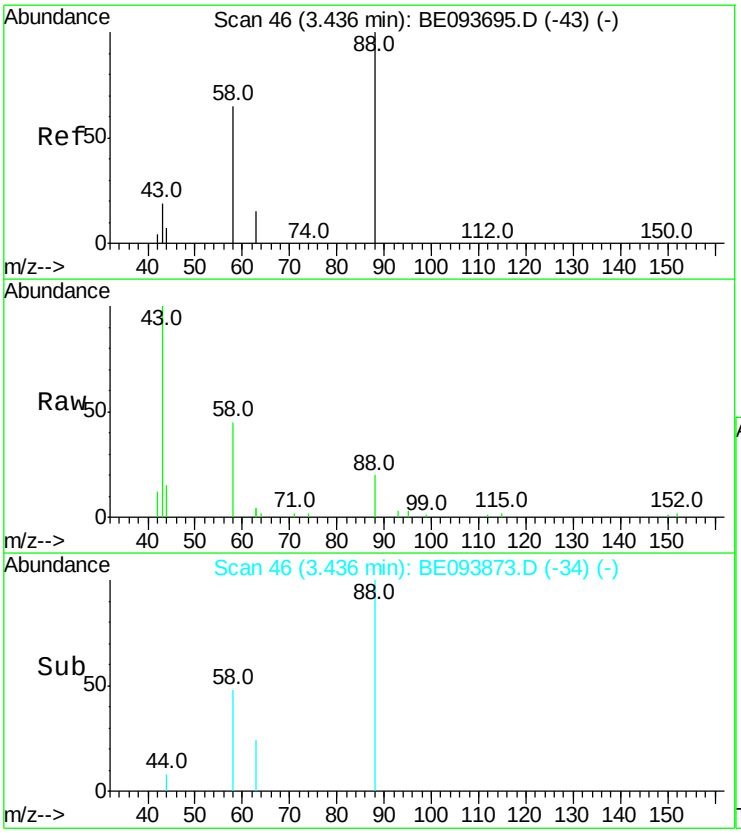
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:152 Resp: 1515

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.1	187.7
115	71.3	55.7	83.5

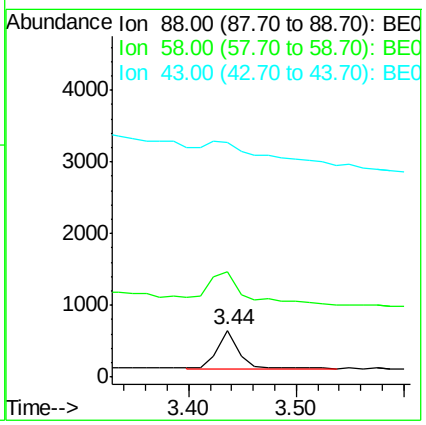


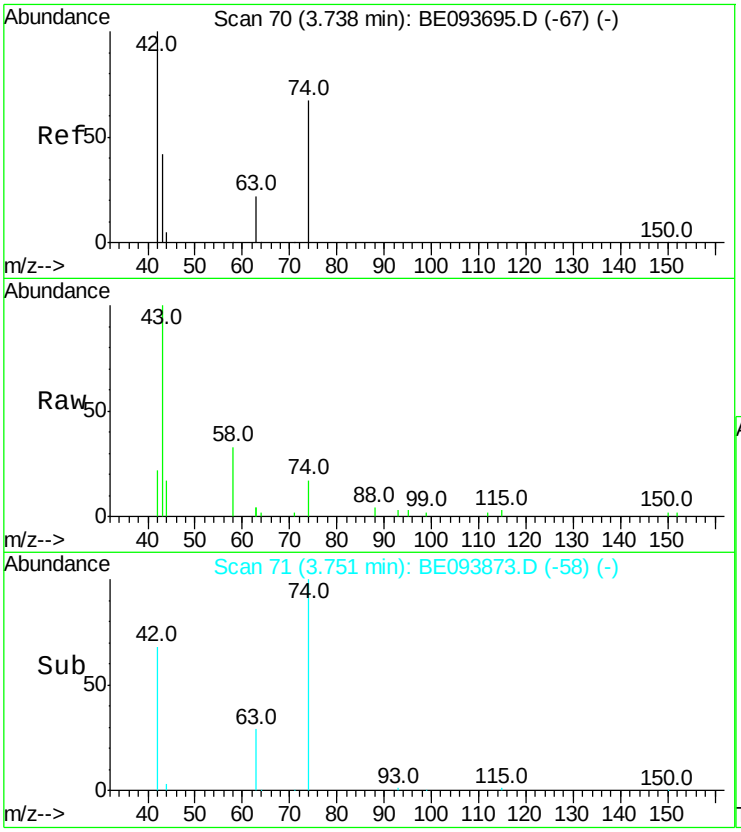


#2
1,4-Dioxane
Concen: 0.312 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion: 88 Resp: 711

Ion	Ratio	Lower	Upper
88	100		
58	150.2	62.2	93.4#
43	0.0	23.2	34.8#



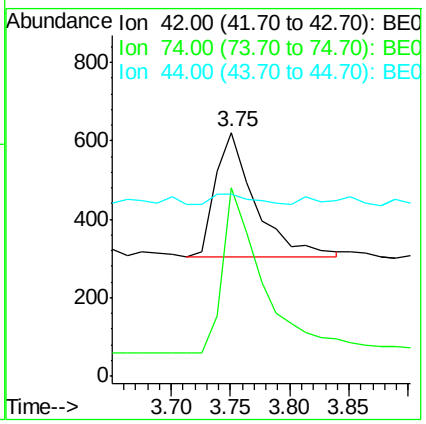


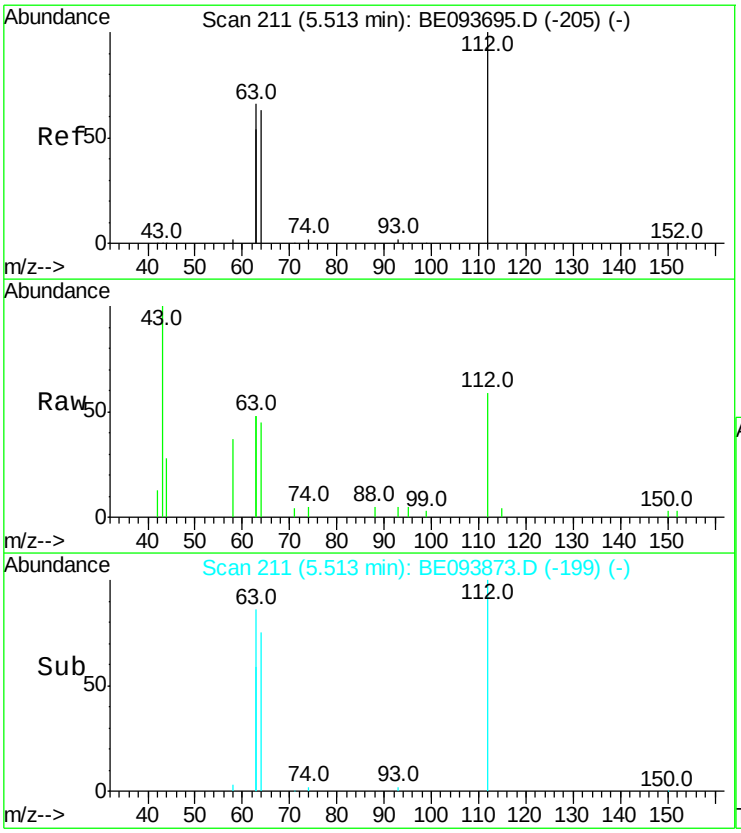
#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion: 42 Resp: 752

Ion	Ratio	Lower	Upper
42	100		
74	133.1	99.1	148.7
44	8.8	7.4	11.2

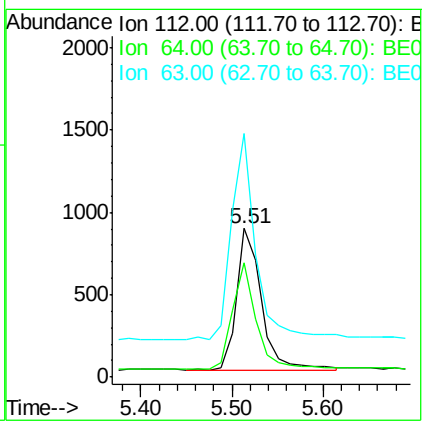


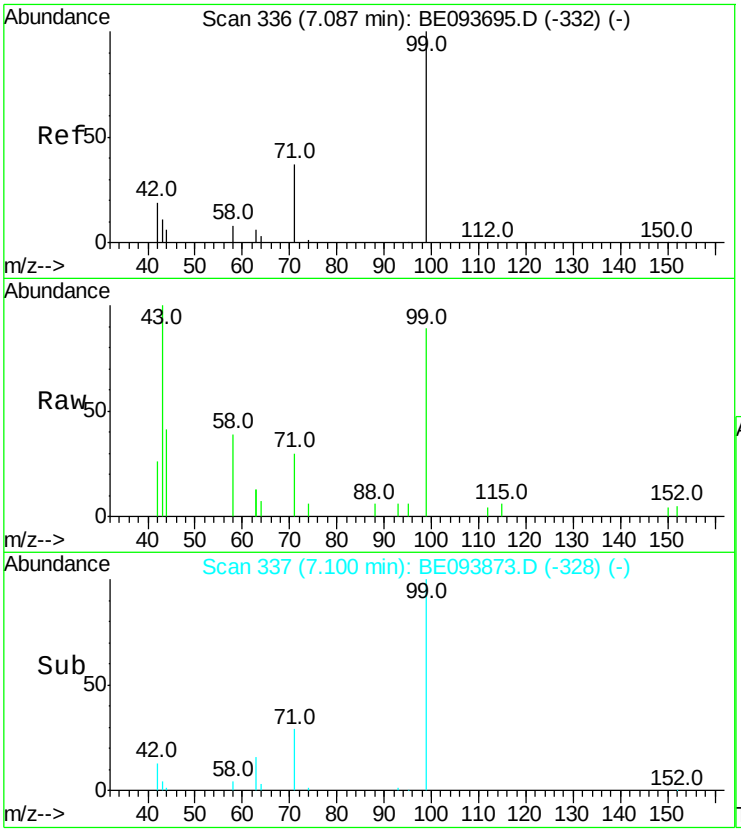


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:112 Resp: 1613

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.4	84.6
63	142.9	29.3	43.9#



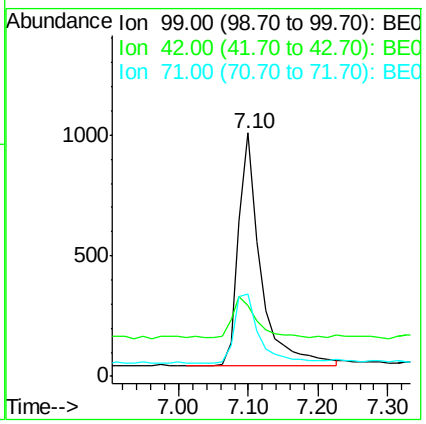


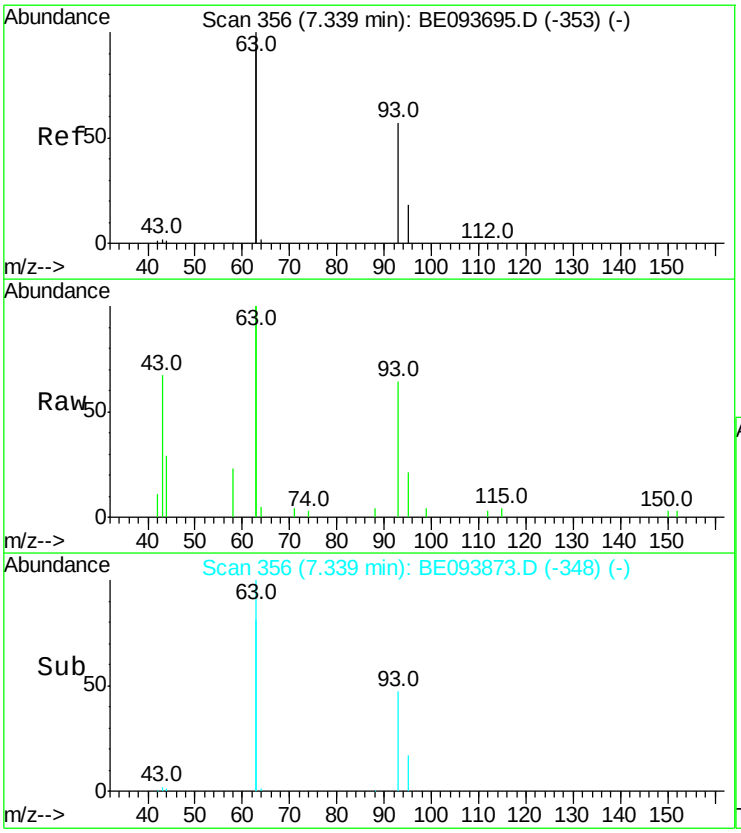
#5
Phenol-d6
Concen: 0.284 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion: 99 Resp: 2123

Ion	Ratio	Lower	Upper
99	100		
42	19.9	0.0	0.0#
71	33.9	0.0	0.0#

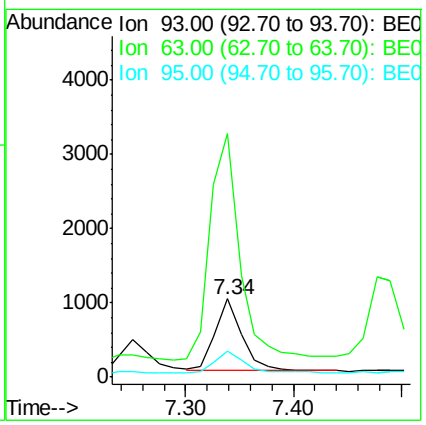


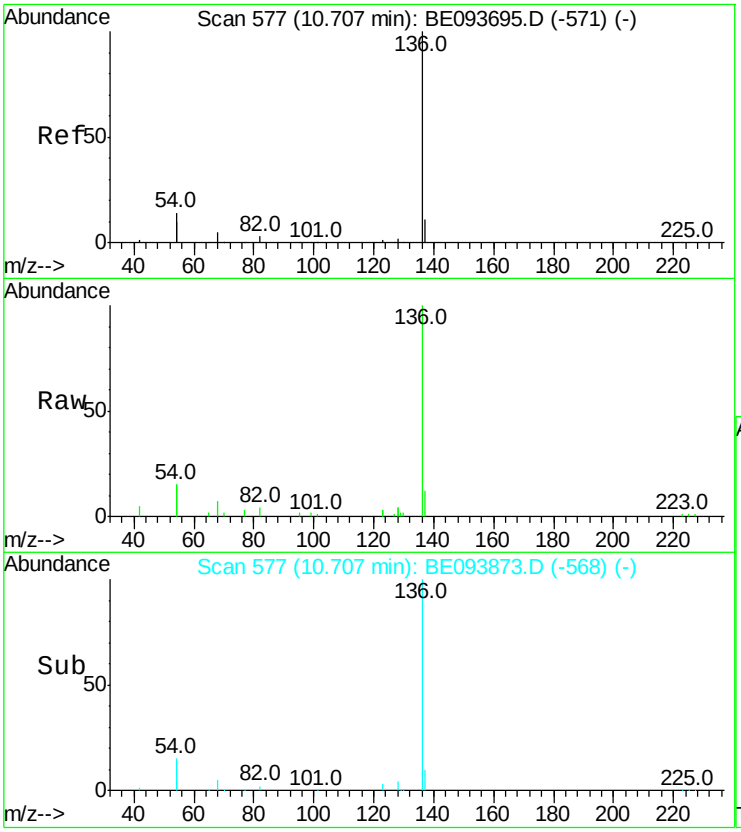


#6
bis(2-Chloroethyl)ether
Concen: 0.287 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion: 93 Resp: 1662

Ion	Ratio	Lower	Upper
93	100		
63	350.5	0.0	0.0#
95	31.7	25.4	38.0



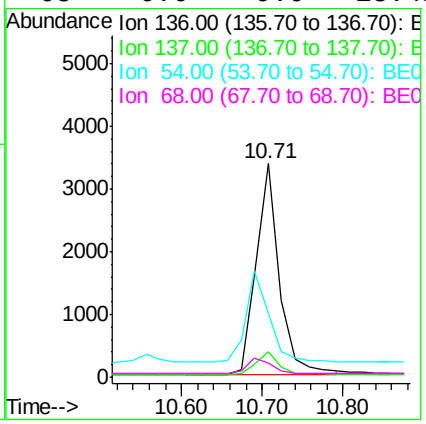


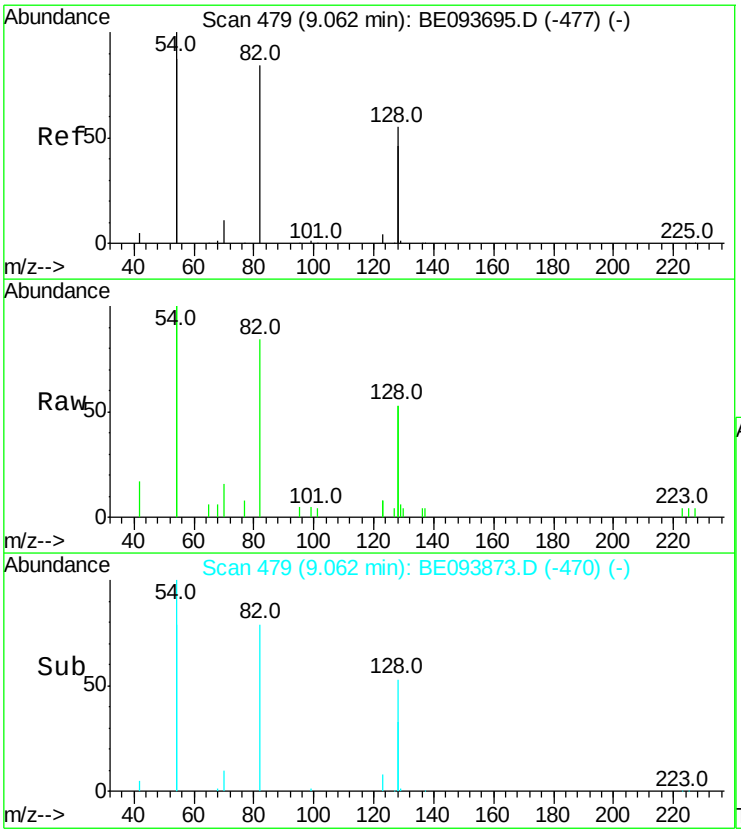
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:136 Resp: 6690

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	29.8	10.3	15.5#
68	6.6	9.0	13.4#

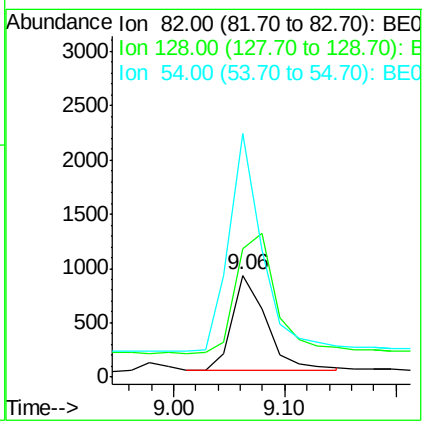


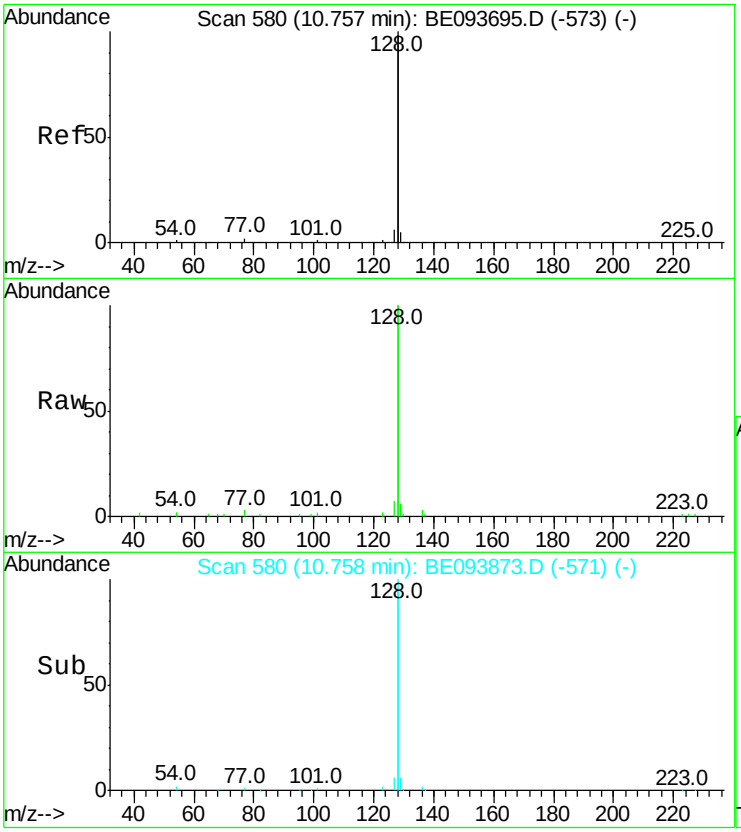


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion: 82 Resp: 1902

Ion	Ratio	Lower	Upper
82	100		
128	125.2	17.0	25.4#
54	238.3	53.8	80.6#



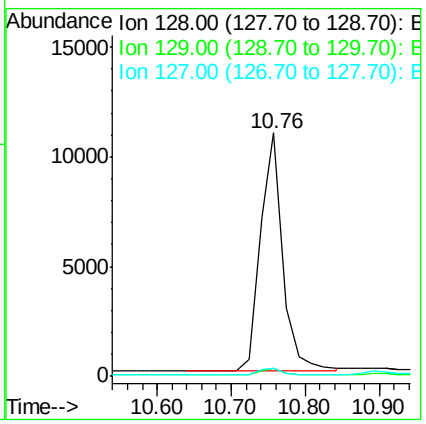


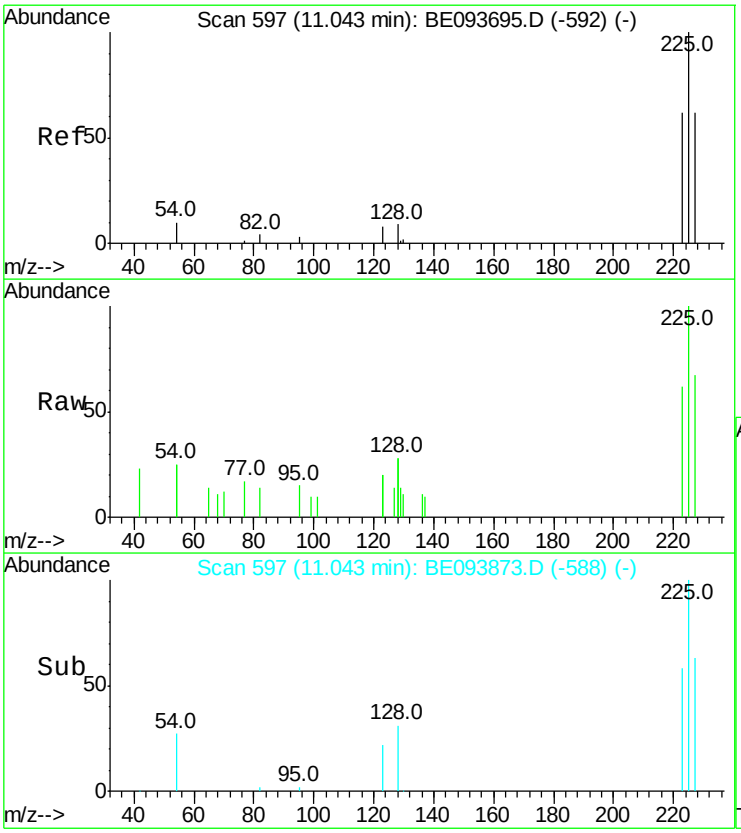
#9
Naphthalene
Concen: 0.299 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:128 Resp: 22913

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.5	2.4	3.6

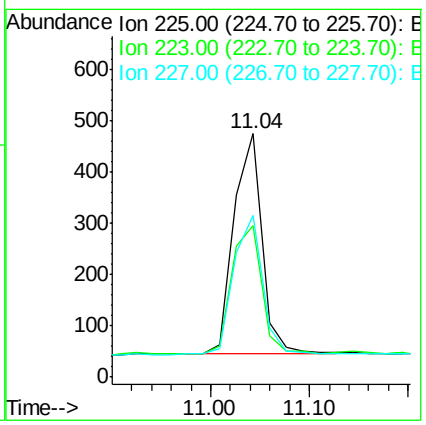


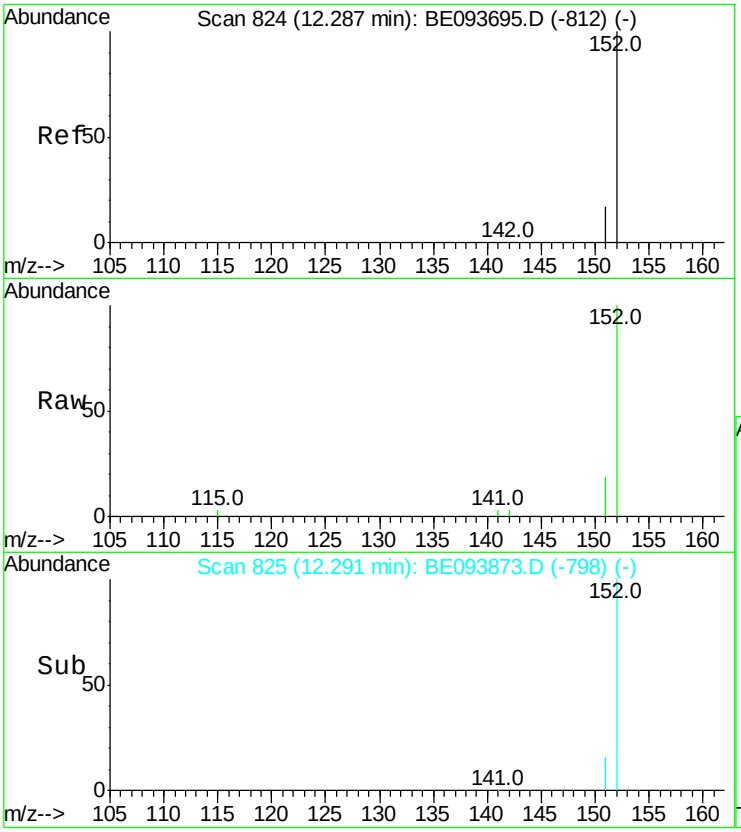


#10
Hexachlorobutadiene
Concen: 0.301 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:225 Resp: 857

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	65.0	50.3	75.5



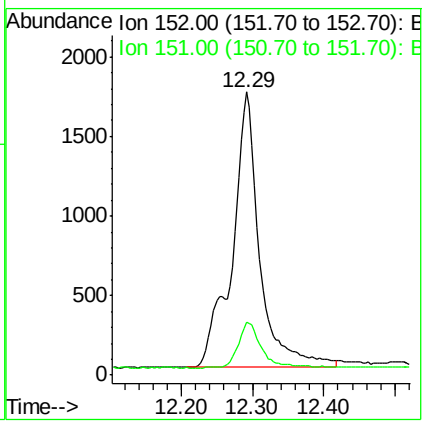


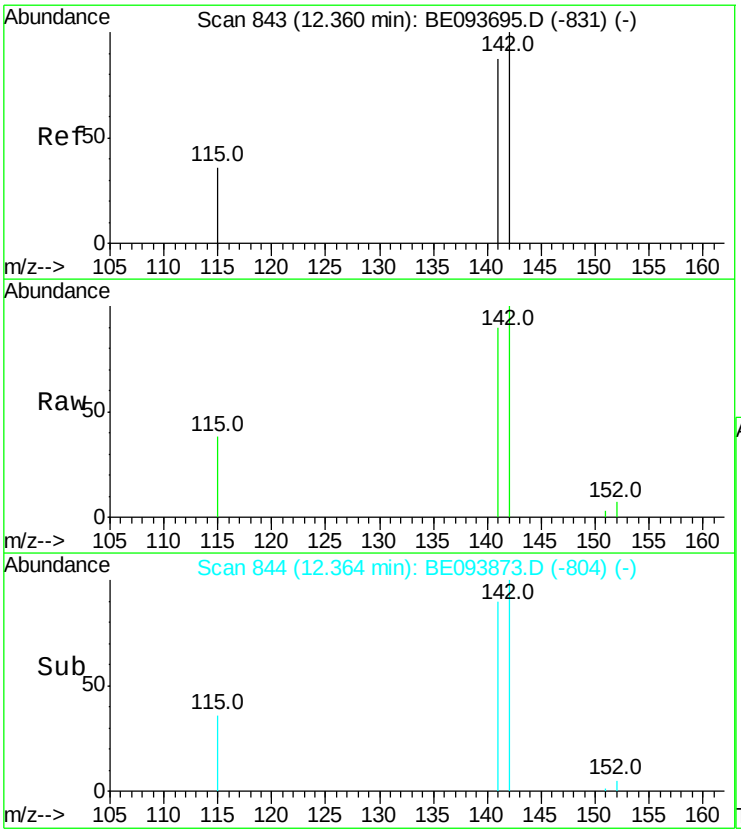
#11
2-Methylnaphthalene-d10
Concen: 0.433 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:152 Resp: 4654

Ion	Ratio	Lower	Upper
152	100		
151	14.1	15.1	22.7#

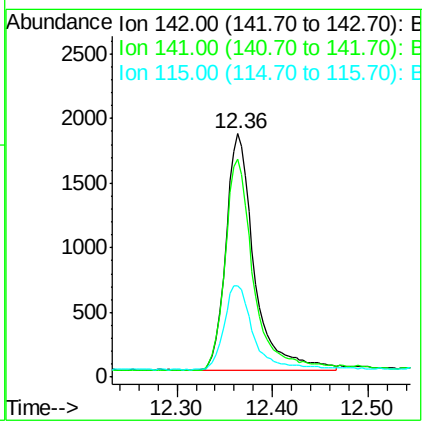


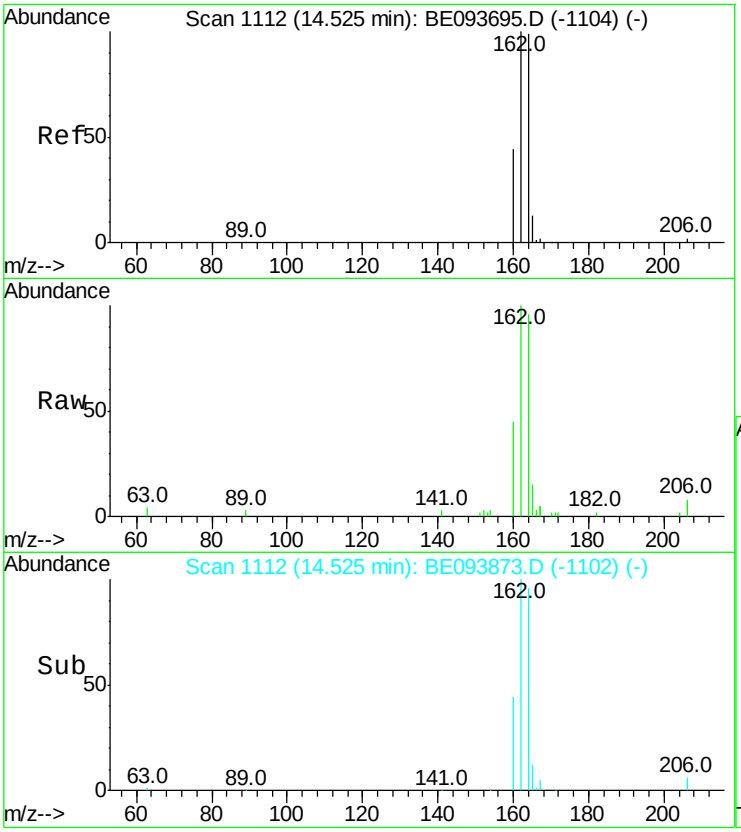


#12
2-Methylnaphthalene
Concen: 0.292 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:142 Resp: 3780

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8
115	37.7	32.2	48.2



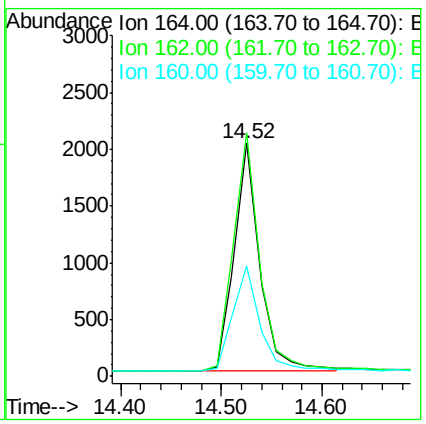


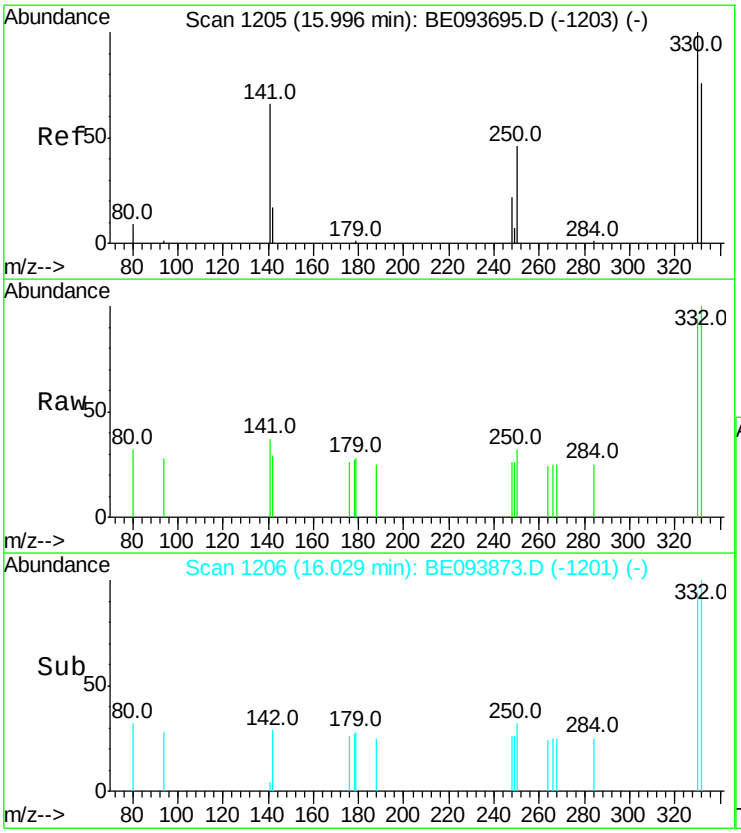
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:164 Resp: 3535

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.6	127.0
160	47.4	41.8	62.6

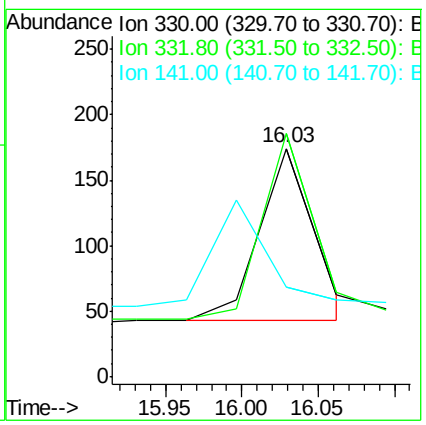


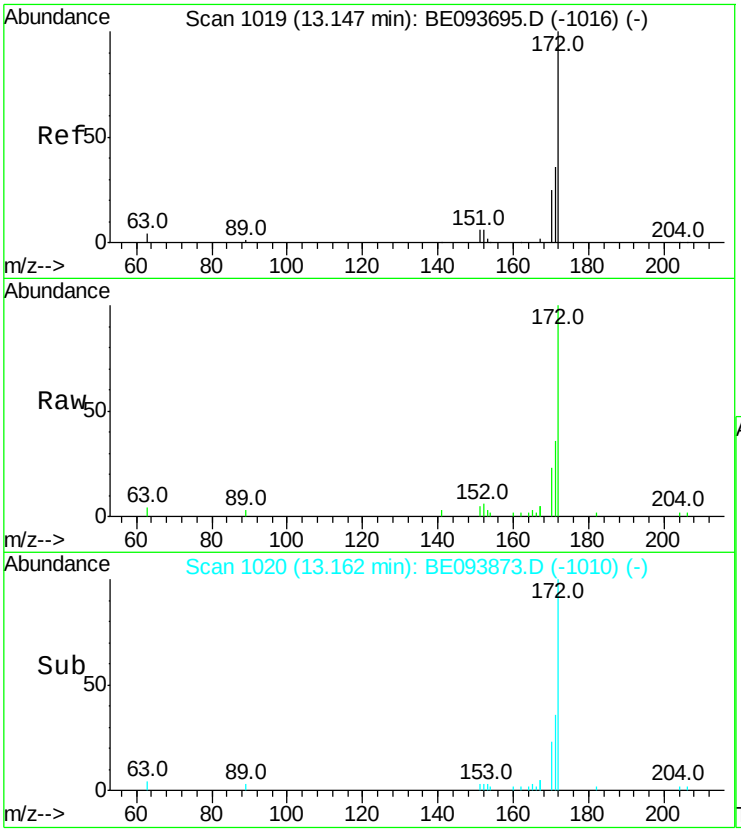


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:330 Resp: 325

Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.7	116.5
141	0.0	56.2	84.4#



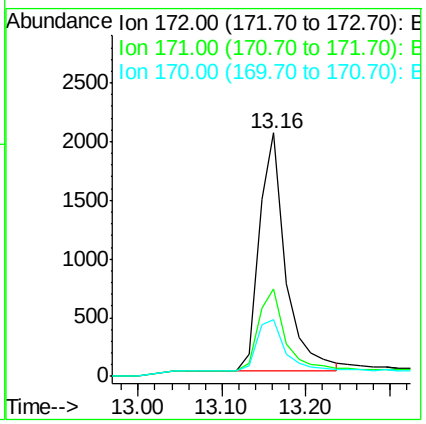


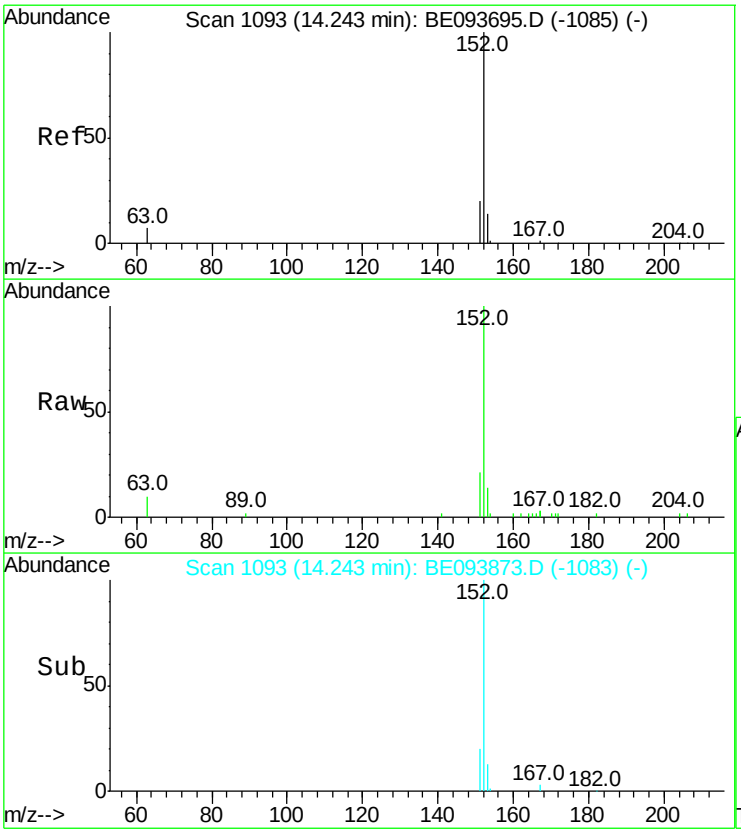
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:172 Resp: 4441

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	23.4	20.7	31.1

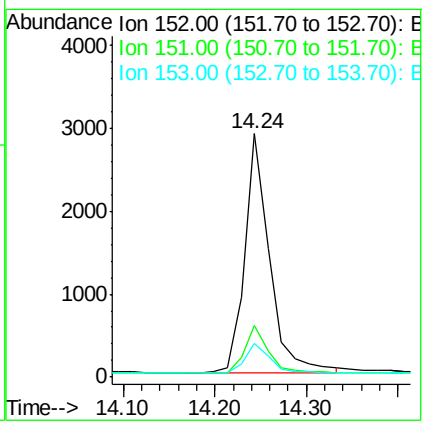


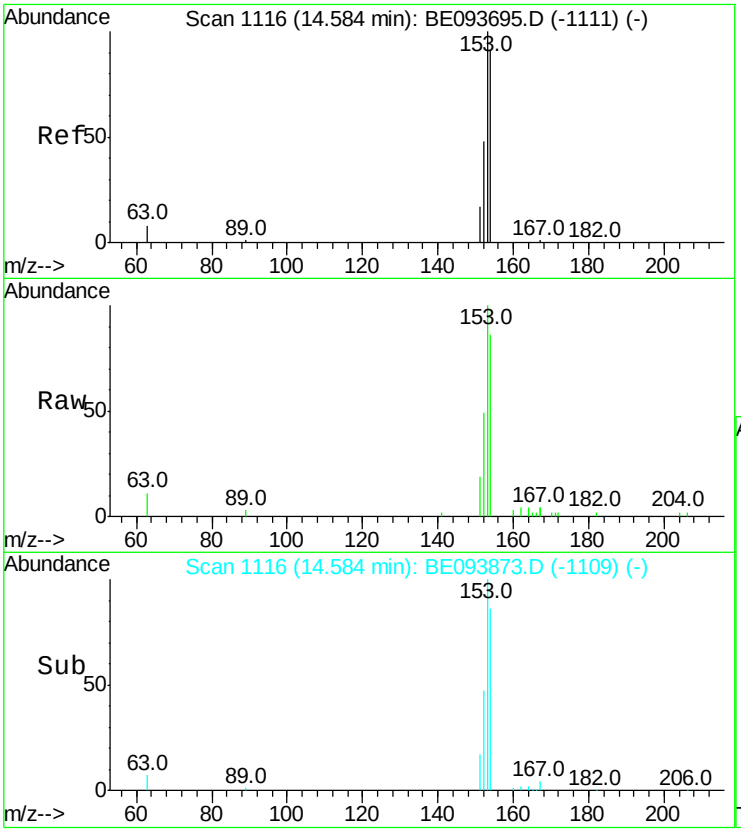


#16
Acenaphthylene
Concen: 0.306 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:152 Resp: 5435

Ion	Ratio	Lower	Upper
152	100		
151	19.5	4.0	6.0#
153	12.6	10.3	15.5



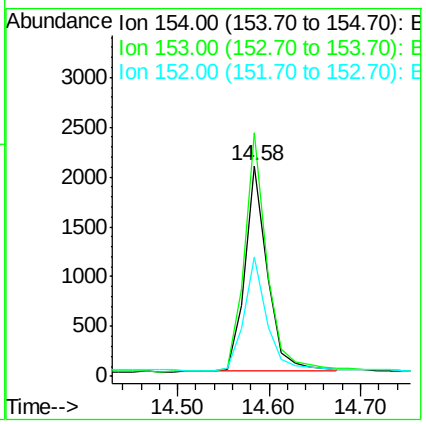


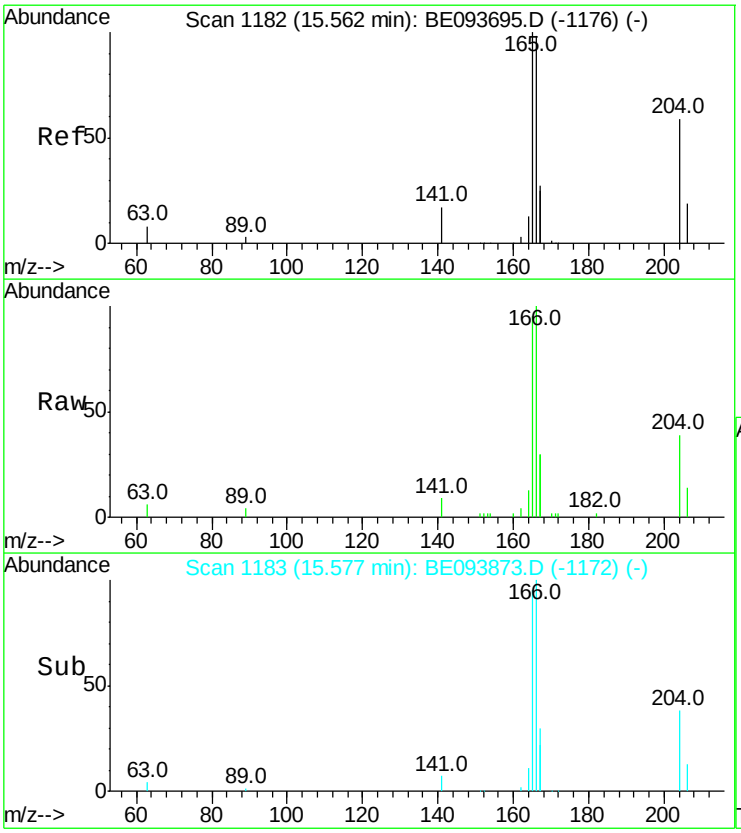
#17
Acenaphthene
Concen: 0.298 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:154 Resp: 3571

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.2	136.8
152	55.4	44.8	67.2

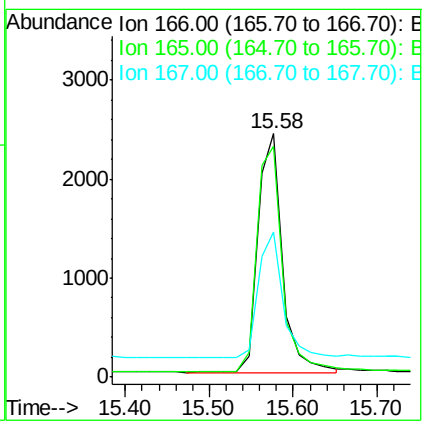


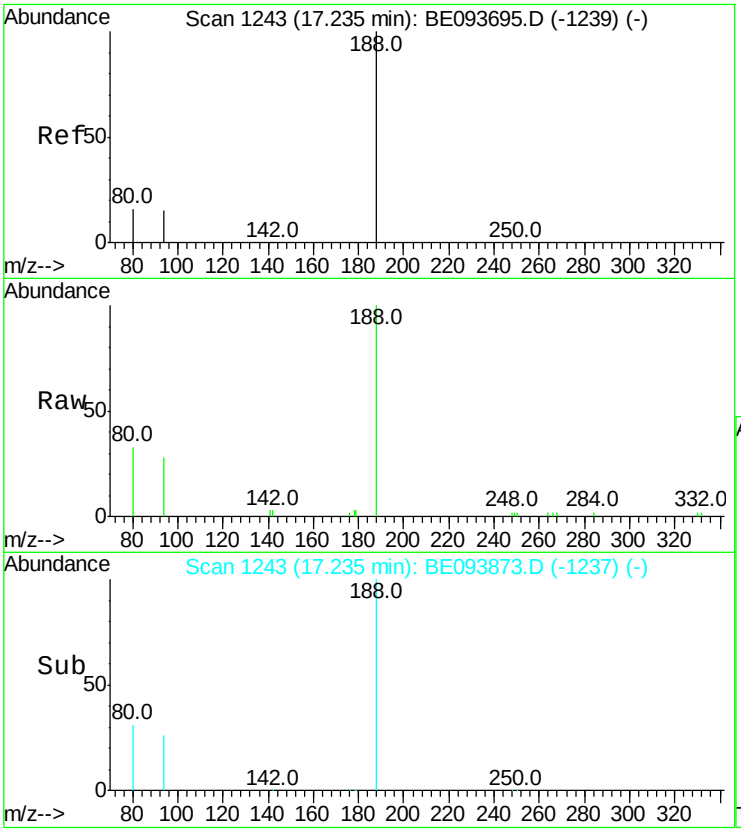


#18
Fluorene
Concen: 0.317 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:166 Resp: 4905

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	53.1	11.1	16.7#



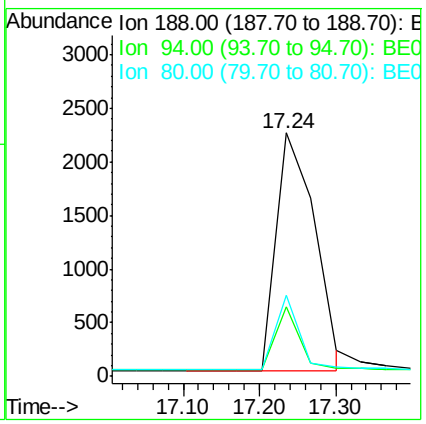


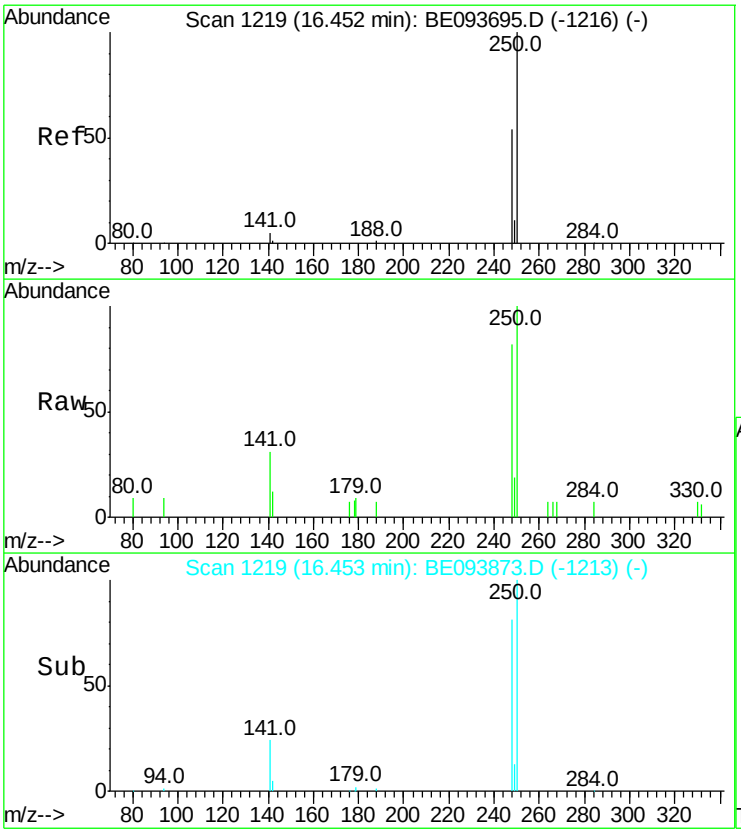
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:188 Resp: 7894

Ion	Ratio	Lower	Upper
188	100		
94	28.3	11.3	16.9#
80	33.3	11.7	17.5#

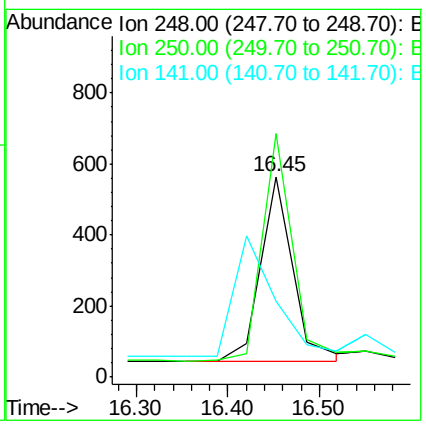


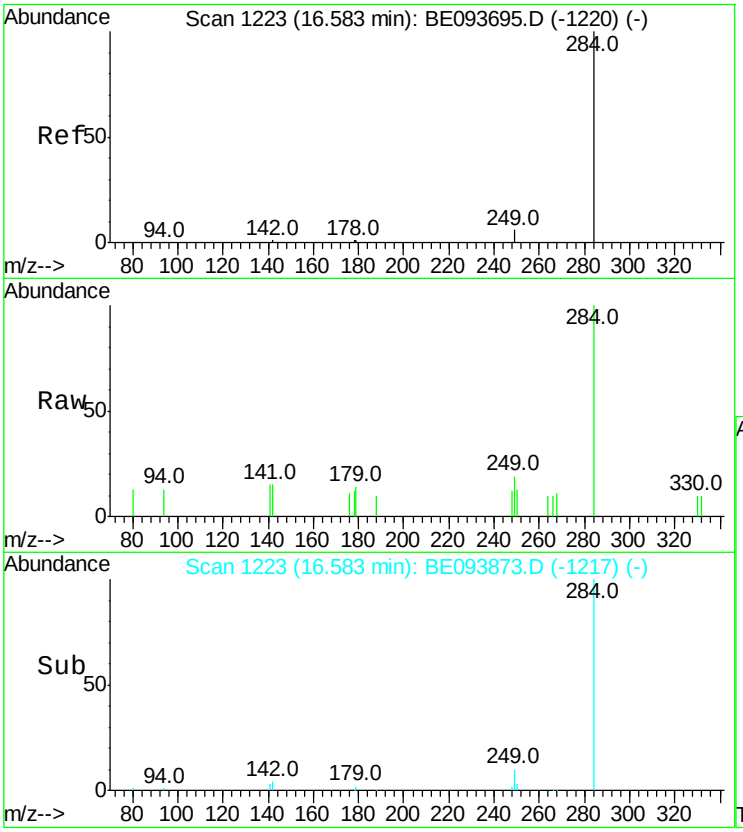


#20
4-Bromophenyl-phenylether
Concen: 0.565 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:248 Resp: 1263

Ion	Ratio	Lower	Upper
248	100		
250	121.4	128.0	192.0#
141	37.5	12.0	18.0#



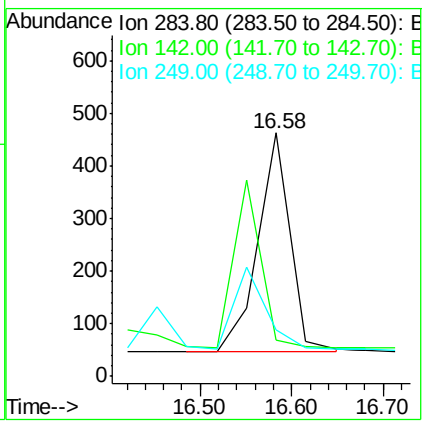


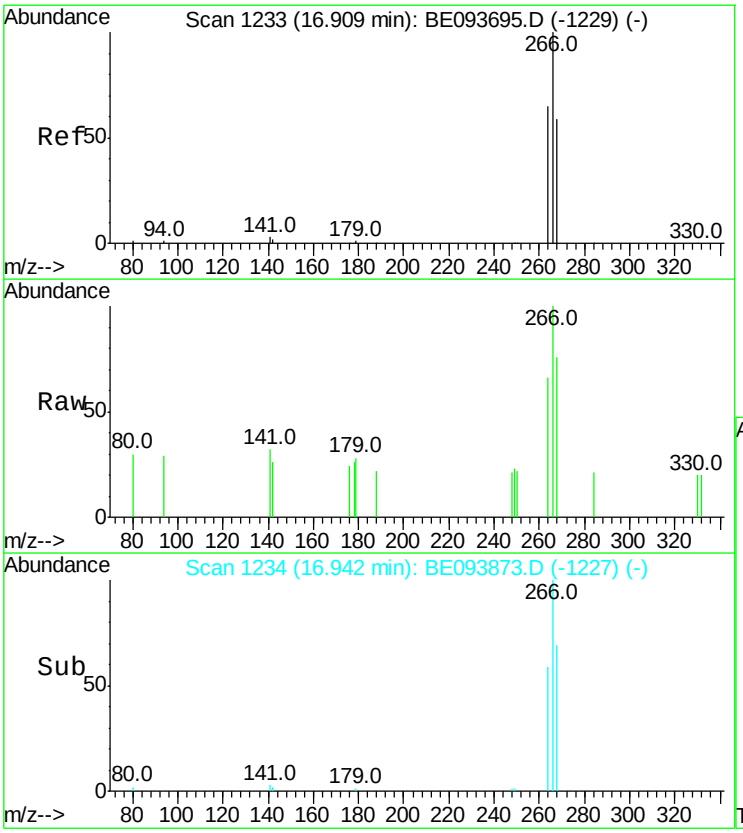
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:284 Resp: 1031

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

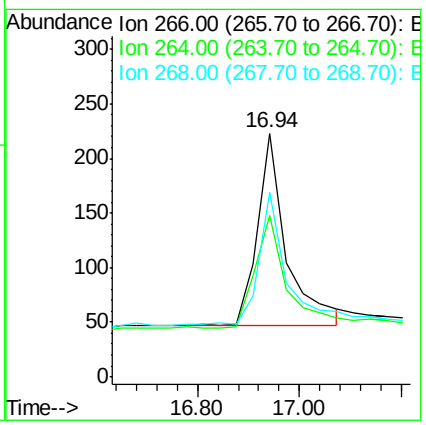


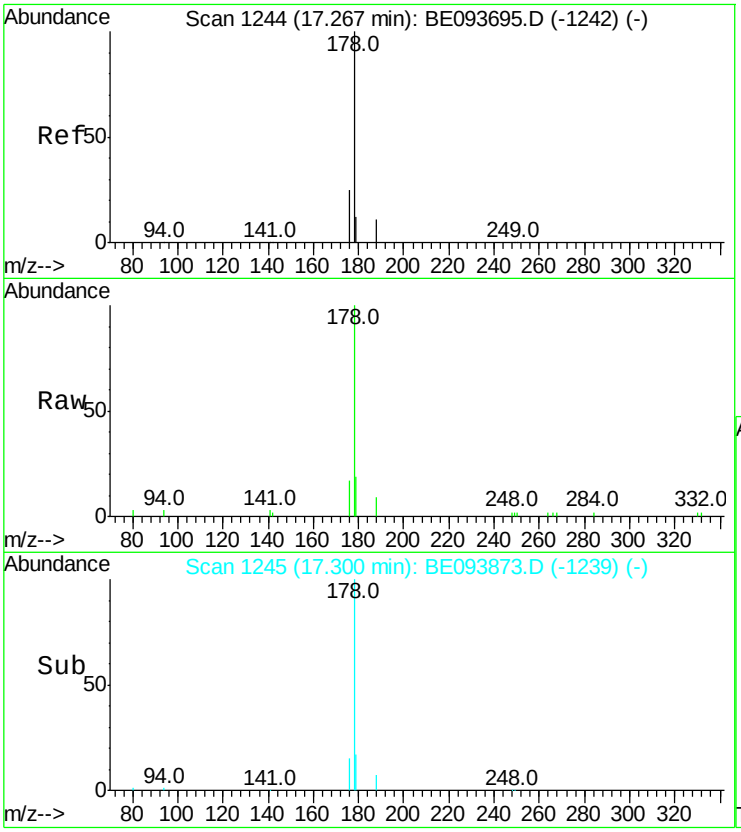


#22
Pentachlorophenol
Concen: 0.417 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:266 Resp: 696

Ion	Ratio	Lower	Upper
266	100		
264	66.4	56.0	84.0
268	75.8	52.0	78.0



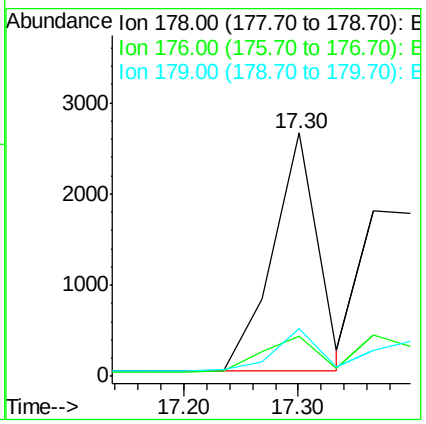


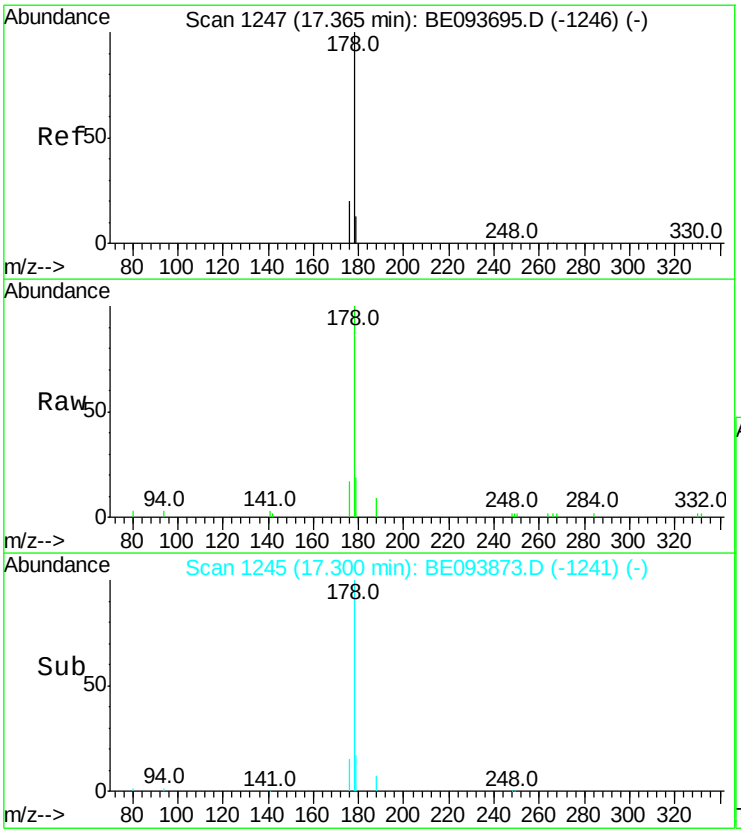
#23
Phenanthrene
Concen: 0.422 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:178 Resp: 7095

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	16.3	12.7	19.1

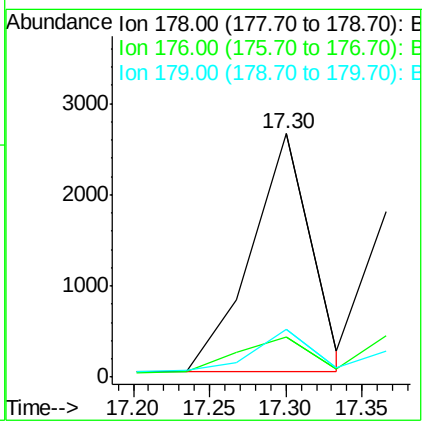


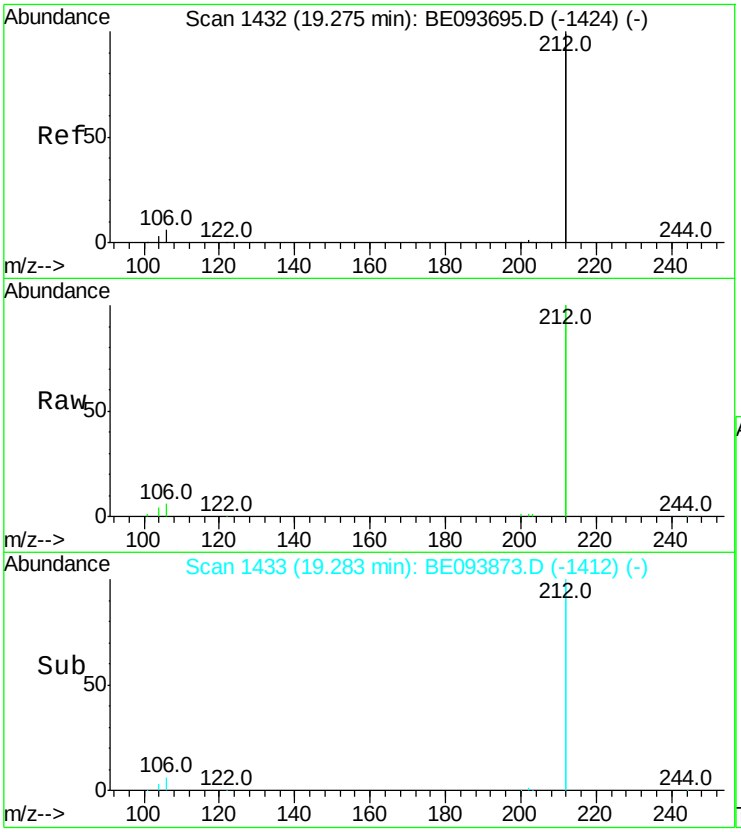


#24
Anthracene
Concen: 0.277 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:178 Resp: 7080

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	21.7	12.0	18.0#



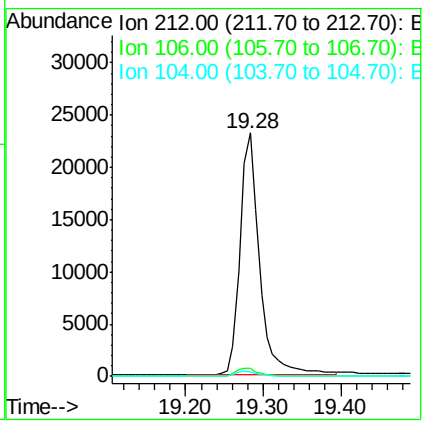


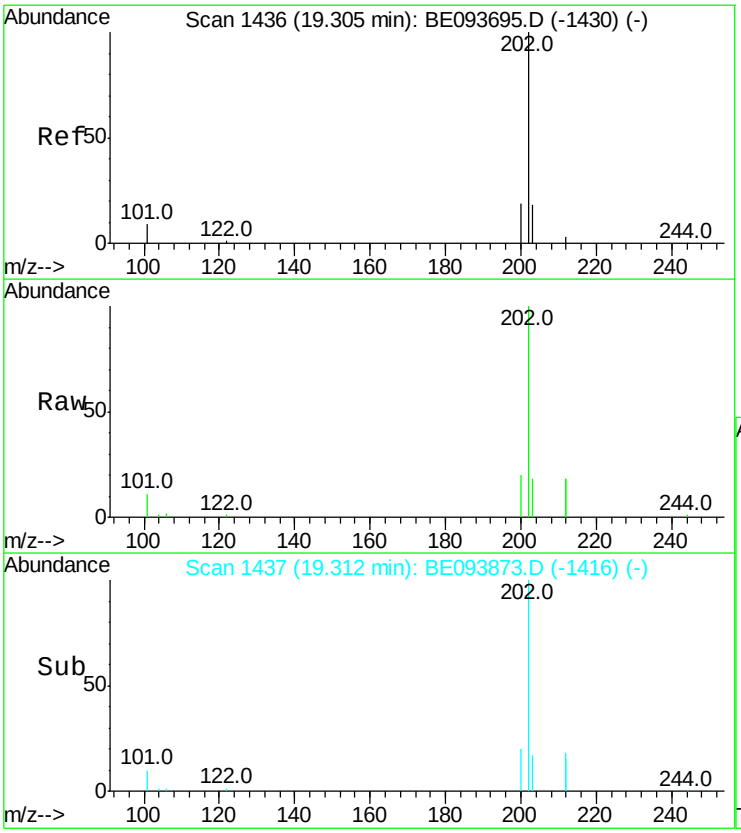
#25
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:212 Resp: 40240

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

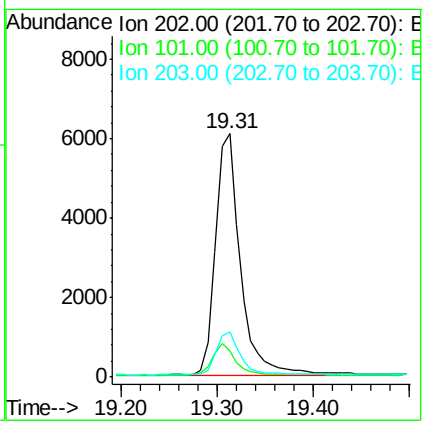


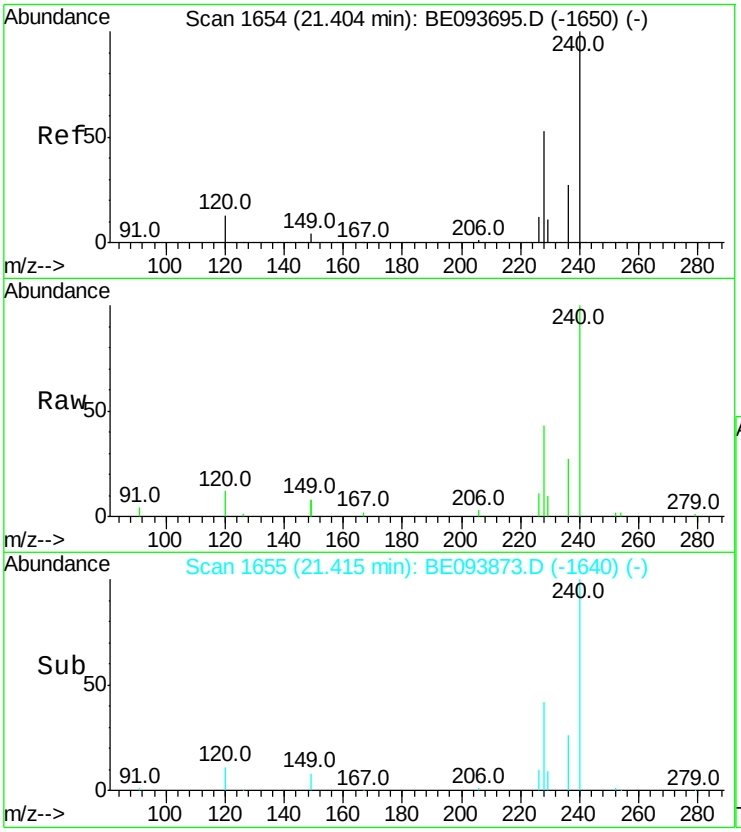


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:202 Resp: 10794

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.2	14.4	21.6



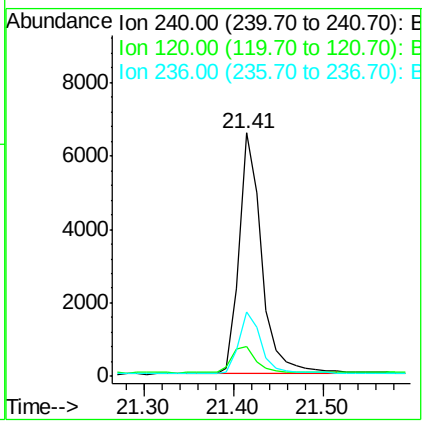


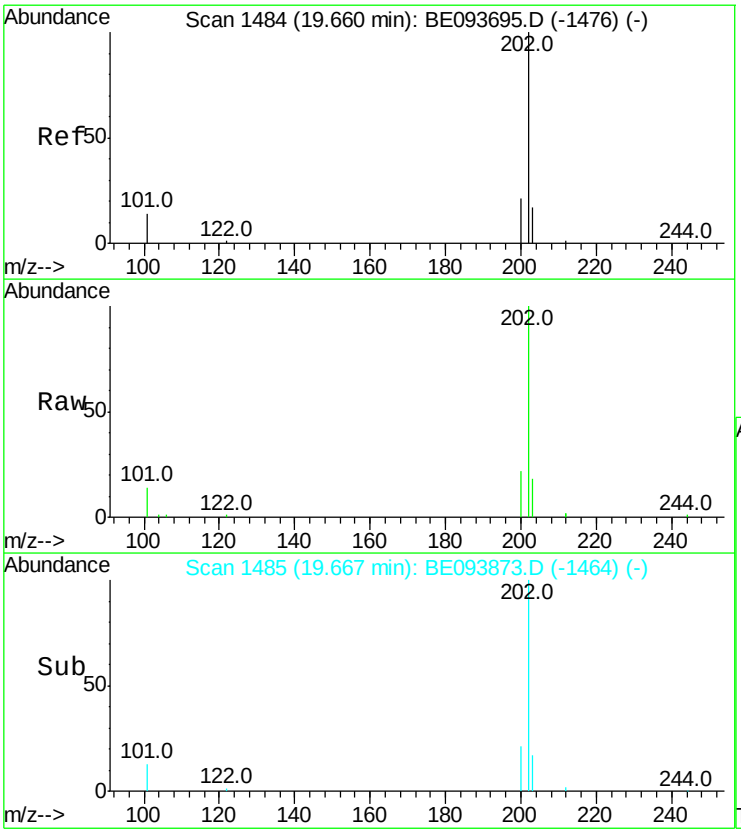
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:240 Resp: 11556

Ion	Ratio	Lower	Upper
240	100		
120	12.2	4.6	7.0#
236	26.6	20.8	31.2

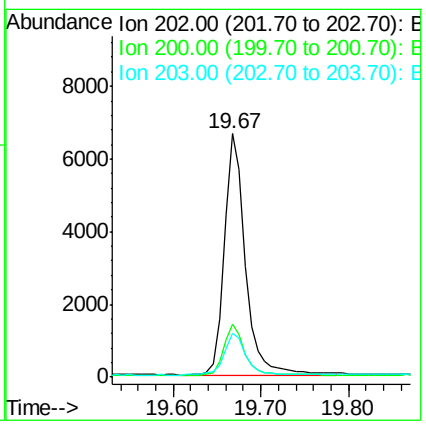


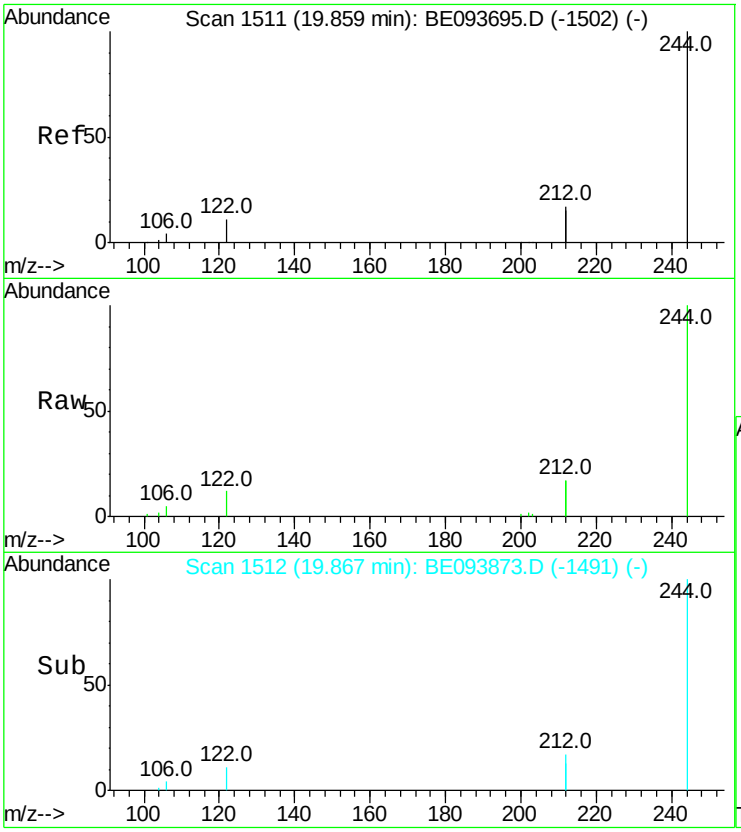


#28
Pyrene
Concen: 0.294 ng
RT: 19.67 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:202 Resp: 11125

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	18.3	13.7	20.5



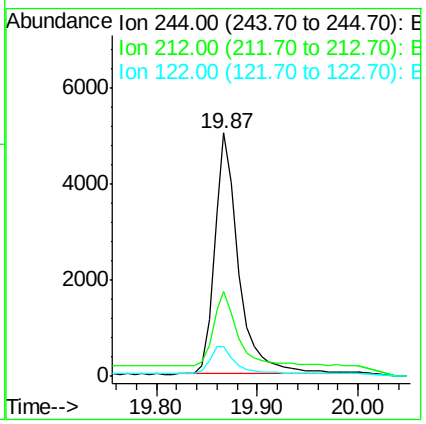


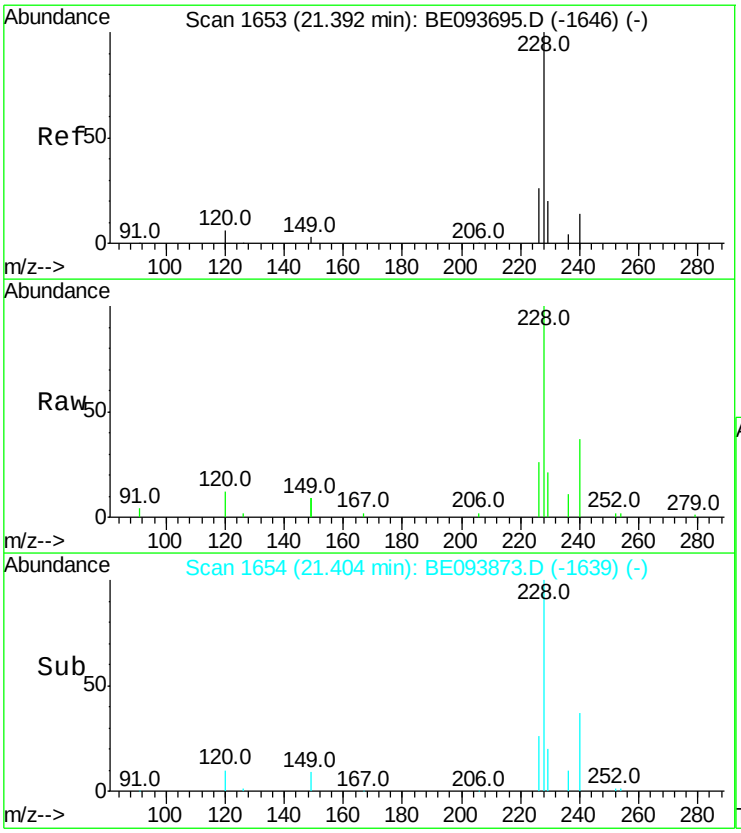
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:244 Resp: 8317

Ion	Ratio	Lower	Upper
244	100		
212	34.6	10.6	16.0#
122	12.4	15.4	23.0#

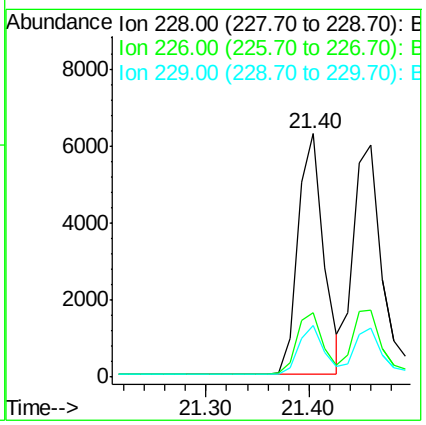


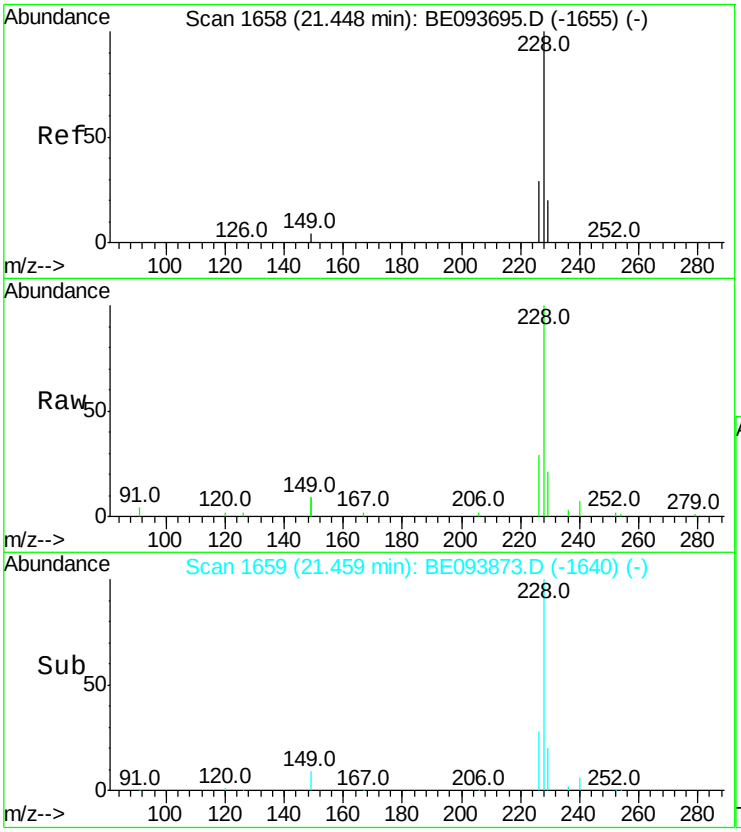


#30
Benzo(a)anthracene
Concen: 0.292 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:228 Resp: 10712

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.7	29.5
229	21.2	19.2	28.8



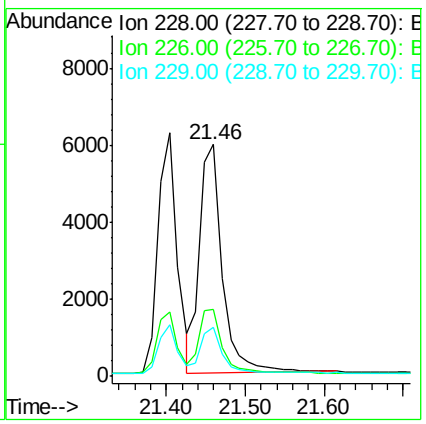


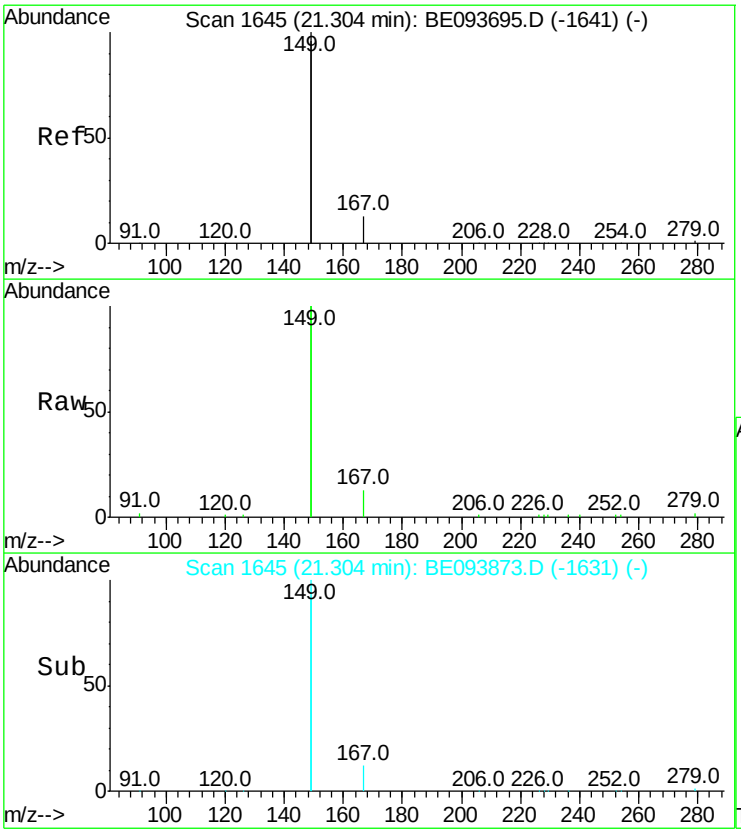
#31
Chrysene
Concen: 0.312 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:228 Resp: 11684

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	21.0	18.6	28.0

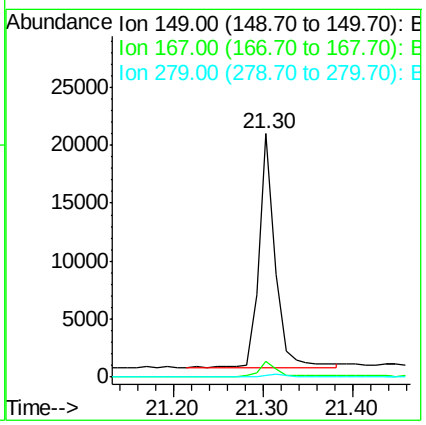


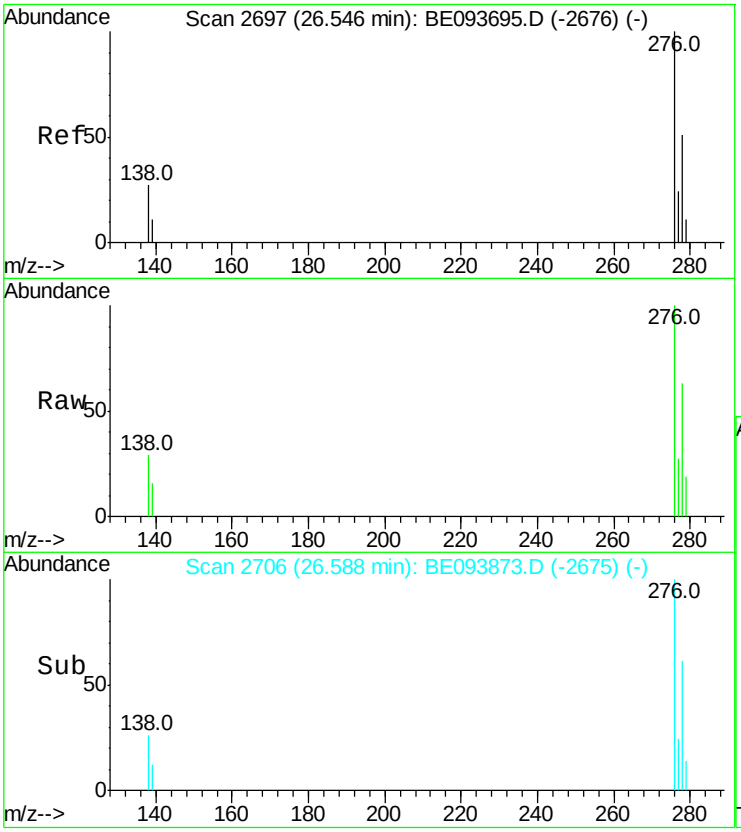


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:149 Resp: 25252

Ion	Ratio	Lower	Upper
149	100		
167	6.9	4.8	7.2
279	0.9	0.8	1.2



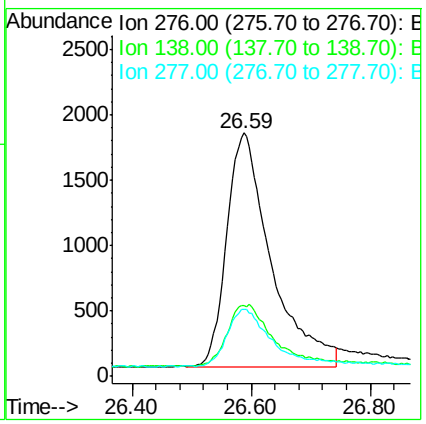


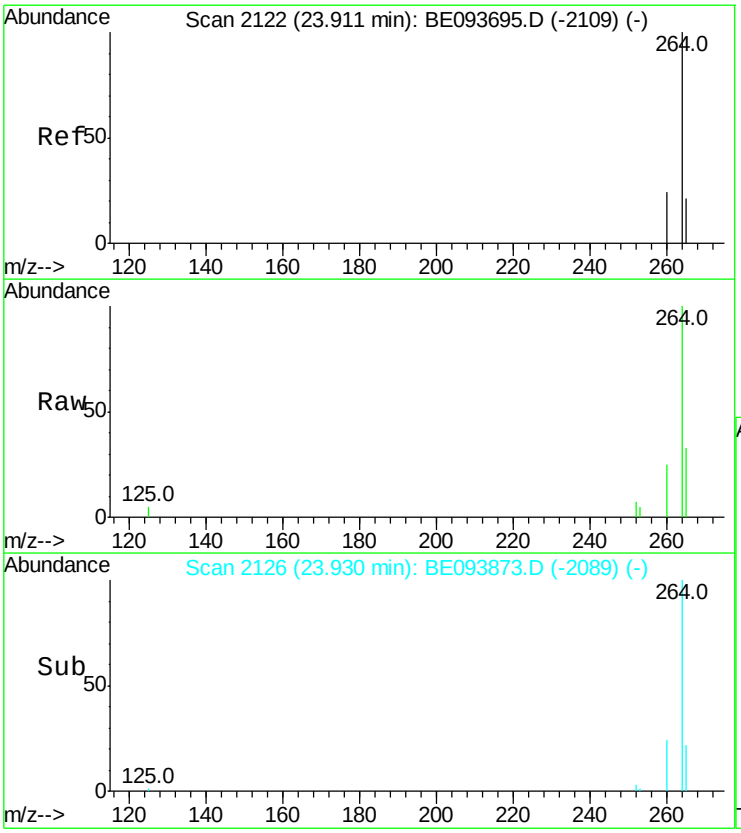
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng
RT: 26.59 min Scan# 2706
Delta R.T. 0.04 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:276 Resp: 9246

Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.4	41.2
277	24.1	20.1	30.1

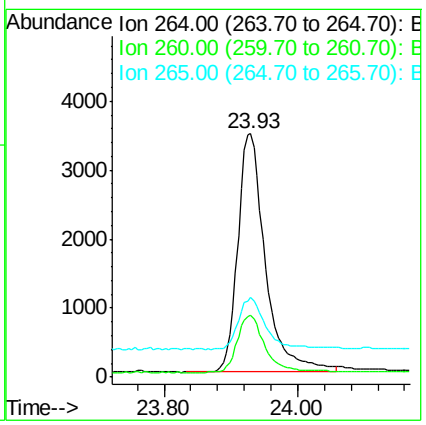


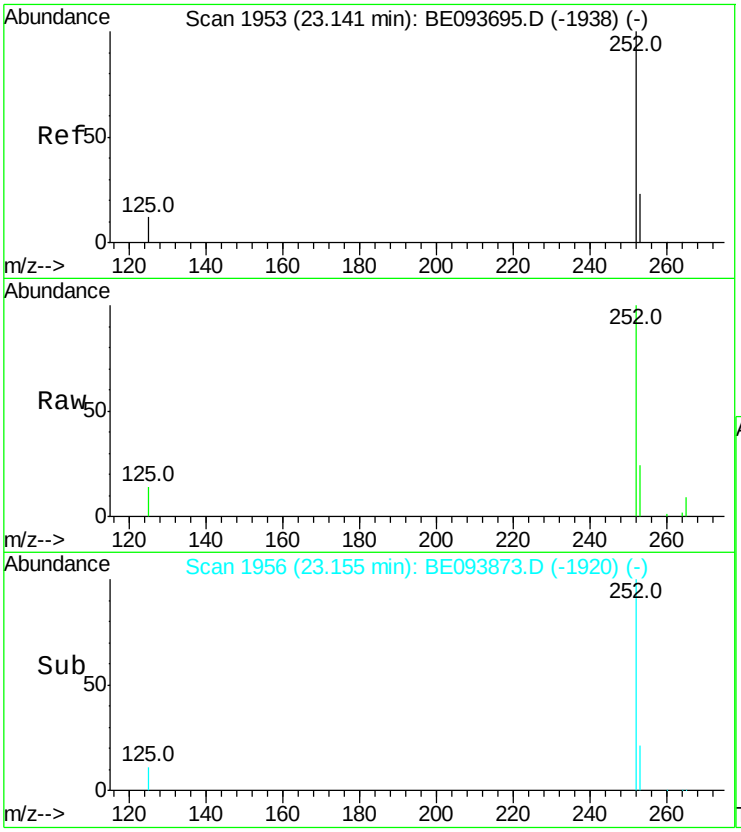


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. 0.02 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:264 Resp: 9973

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.0	31.4
265	32.8	24.6	36.8



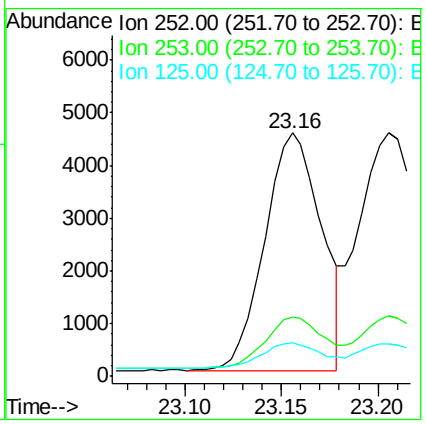


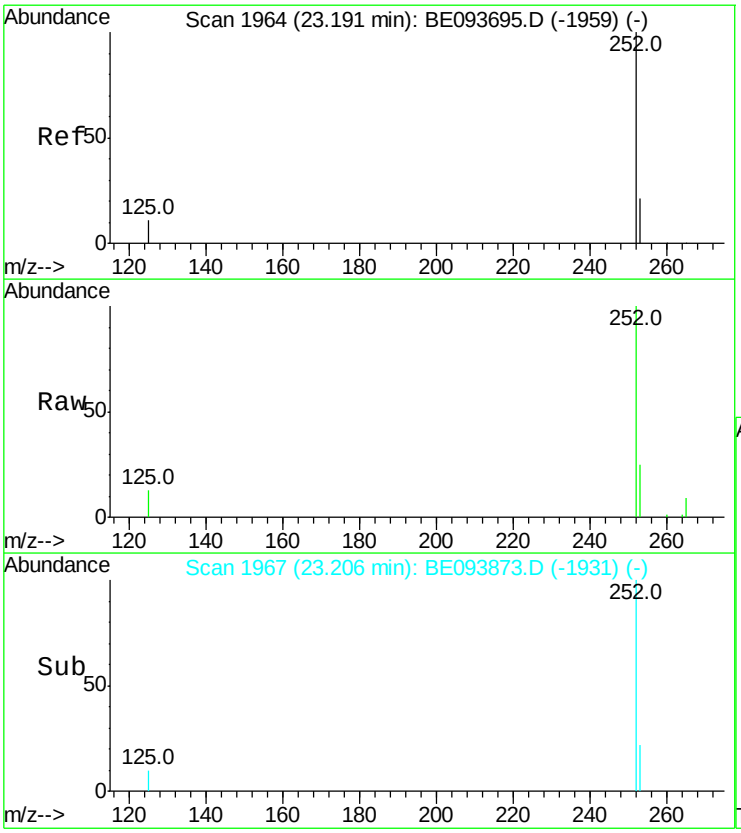
#35
Benzo(b)fluoranthene
Concen: 0.267 ng
RT: 23.16 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:252 Resp: 9228

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	13.8	13.4	20.0

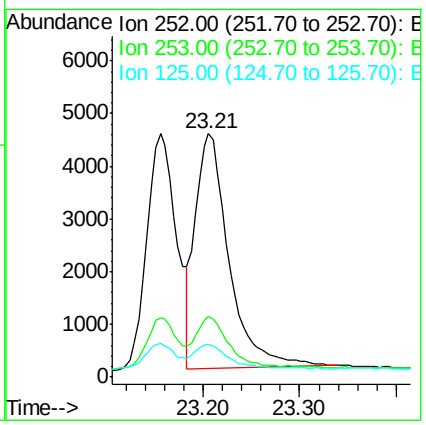


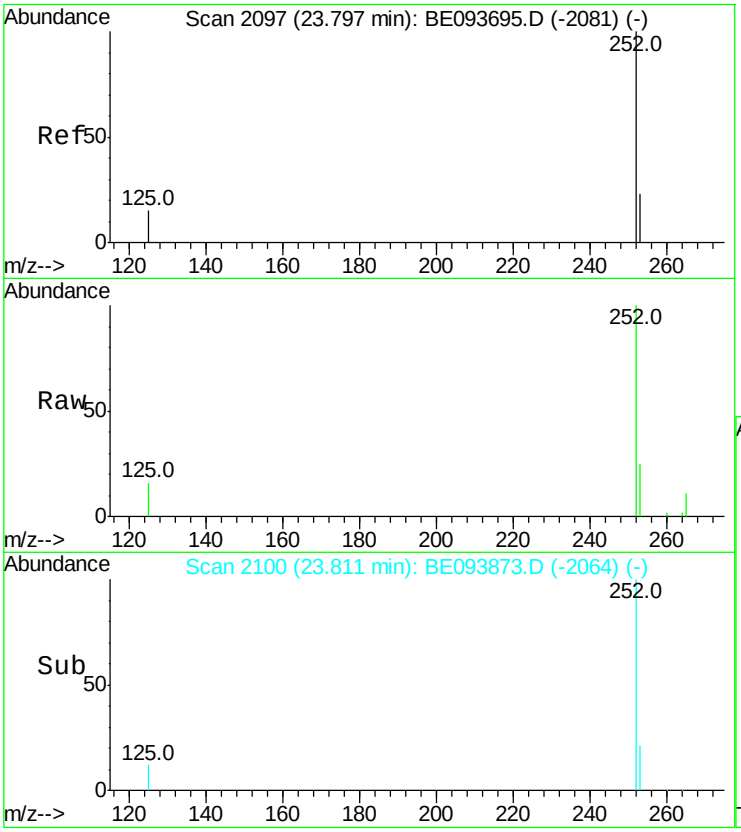


#36
Benzo(k)fluoranthene
Concen: 0.312 ng
RT: 23.21 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:252 Resp: 10777

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.3	30.5
125	13.4	12.2	18.4



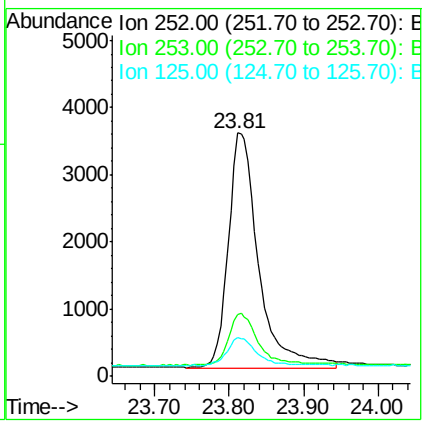


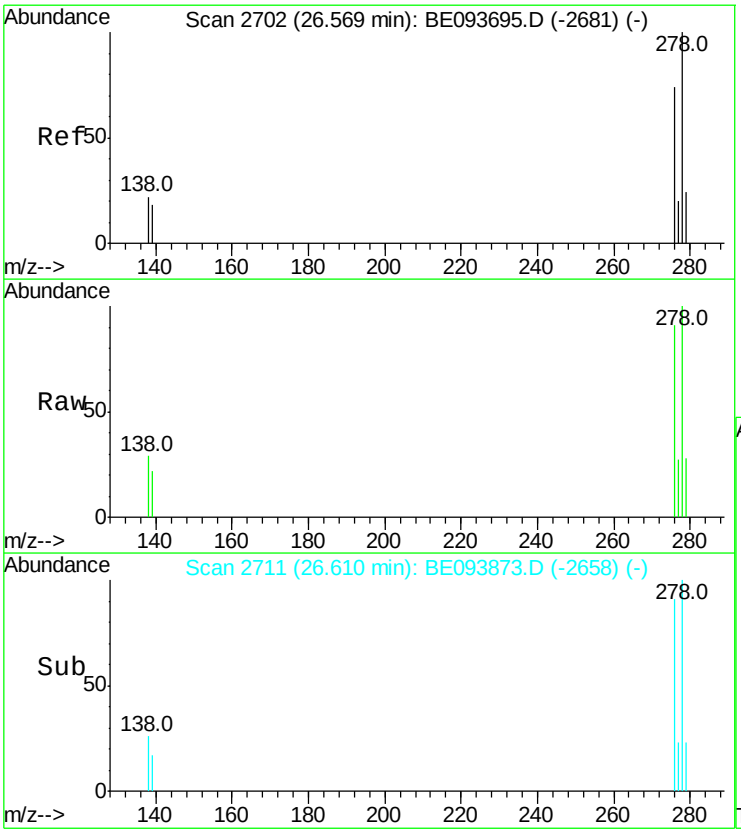
#37
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.81 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:252 Resp: 9883

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	16.0	14.6	21.8

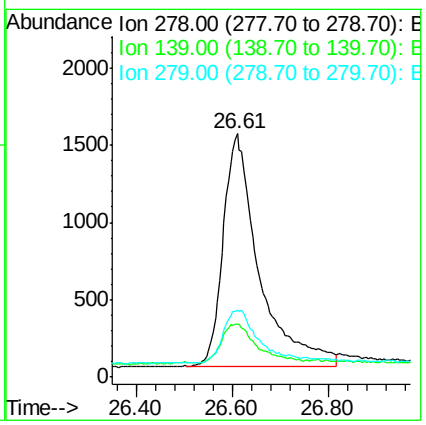


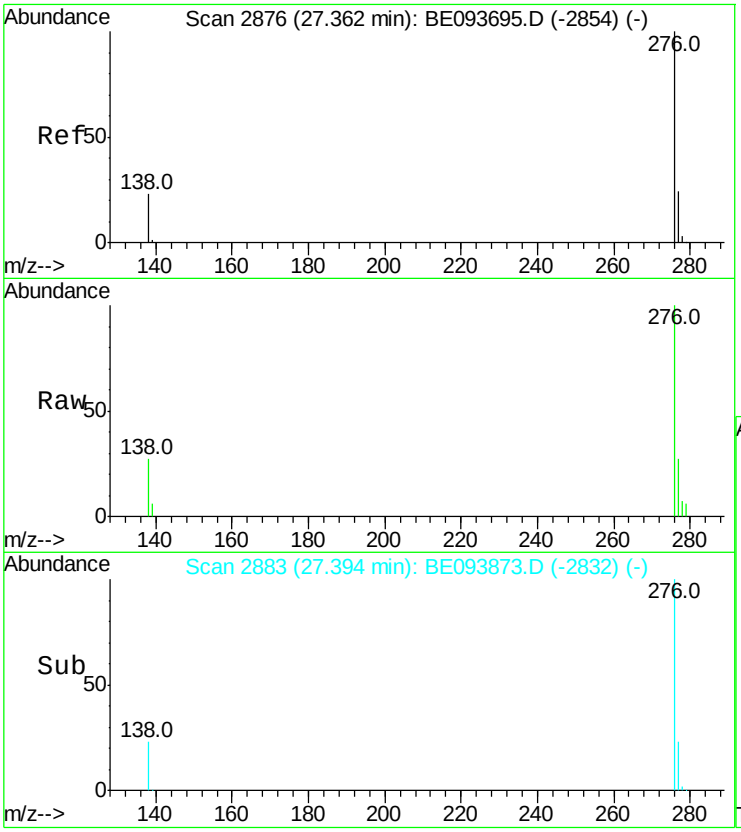


#38
Dibenzo(a,h)anthracene
Concen: 0.254 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.04 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:278 Resp: 7760

Ion	Ratio	Lower	Upper
278	100		
139	21.9	21.4	32.0
279	27.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.265 ng
RT: 27.39 min Scan# 2883
Delta R.T. 0.03 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Tgt Ion:276 Resp: 8131

Ion	Ratio	Lower	Upper
276	100		
277	26.6	21.2	31.8
138	27.0	24.5	36.7