Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093410.D
Acq On : 2 Jul 2017 12:45
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jul 02 13:24:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:00:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.946	152	3399	0.40	ng		0.00
7) Naphthalene-d8	10.723	136	17015	0.40	ng		0.00
13) Acenaphthene-d10	14.540	164	10966	0.40	ng		0.00
19) Phenanthrene-d10	17.268	188	28485	0.40	ng		0.00
27) Chrysene-d12	21.426	240	39554	0.40	ng		0.00
34) Perylene-d12	23.938	264	31004	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.529	112	33154	3.13	ng		0.00
5) Phenol-d6	7.103	99	50134	3.17	ng		0.00
8) Nitrobenzene-d5	9.078	82	38702	3.82	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	91235	3.36	ng		0.00
14) 2,4,6-Tribromophenol	16.029	330	13183	2.80	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	139039	3.24	ng		0.00
25) Fluoranthene-d10	19.289	212	1238653	4.72	ng		0.00
29) Terphenyl-d14	19.880	244	230037	3.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	20686	2.95	ng		92
3) n-Nitrosodimethylamine	3.741	42	16521	3.91	ng		97
6) bis(2-Chloroethyl)ether	7.354	93	39080	3.51	ng	#	98
9) Naphthalene	10.773	128	577857	3.27	ng	#	73
10) Hexachlorobutadiene	11.076	225	21959	3.09	ng		98
12) 2-Methylnaphthalene	12.383	142	101074	3.36	ng		97
16) Acenaphthylene	14.259	152	165988	3.48	ng	#	87
17) Acenaphthene	14.600	154	112712	3.36	ng		97
18) Fluorene	15.592	166	150007	3.25	ng	#	87
20) 4-Bromophenyl-phenylether	16.453	248	56749	8.75	ng	#	25
21) Hexachlorobenzene	16.583	284	60440	5.55	ng	#	100
22) Pentachlorophenol	16.909	266	11263	8.91	ng	#	73
23) Phenanthrene	17.301	178	355842	5.16	ng		99
24) Anthracene	17.301	178	367178	5.29	ng		99
26) Fluoranthene	19.318	202	354988	4.75	ng		99
28) Pyrene	19.673	202	365347	3.50	ng	#	99
30) Benzo(a)anthracene	21.404	228	362229	3.37	ng	#	92
31) Chrysene	21.459	228	362356	3.22	ng		93
32) Bis(2-ethylhexyl)phtha...	21.337	149	609142	3.82	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.587	276	328816	2.99	ng		95
35) Benzo(b)fluoranthene	23.169	252	336958	3.46	ng	#	94
36) Benzo(k)fluoranthene	23.214	252	338138	3.46	ng	#	92
37) Benzo(a)pyrene	23.825	252	303294	3.51	ng	#	91
38) Dibenzo(a,h)anthracene	26.605	278	294710	3.35	ng	#	88
39) Benzo(g,h,i)perylene	27.398	276	290059	3.23	ng		92

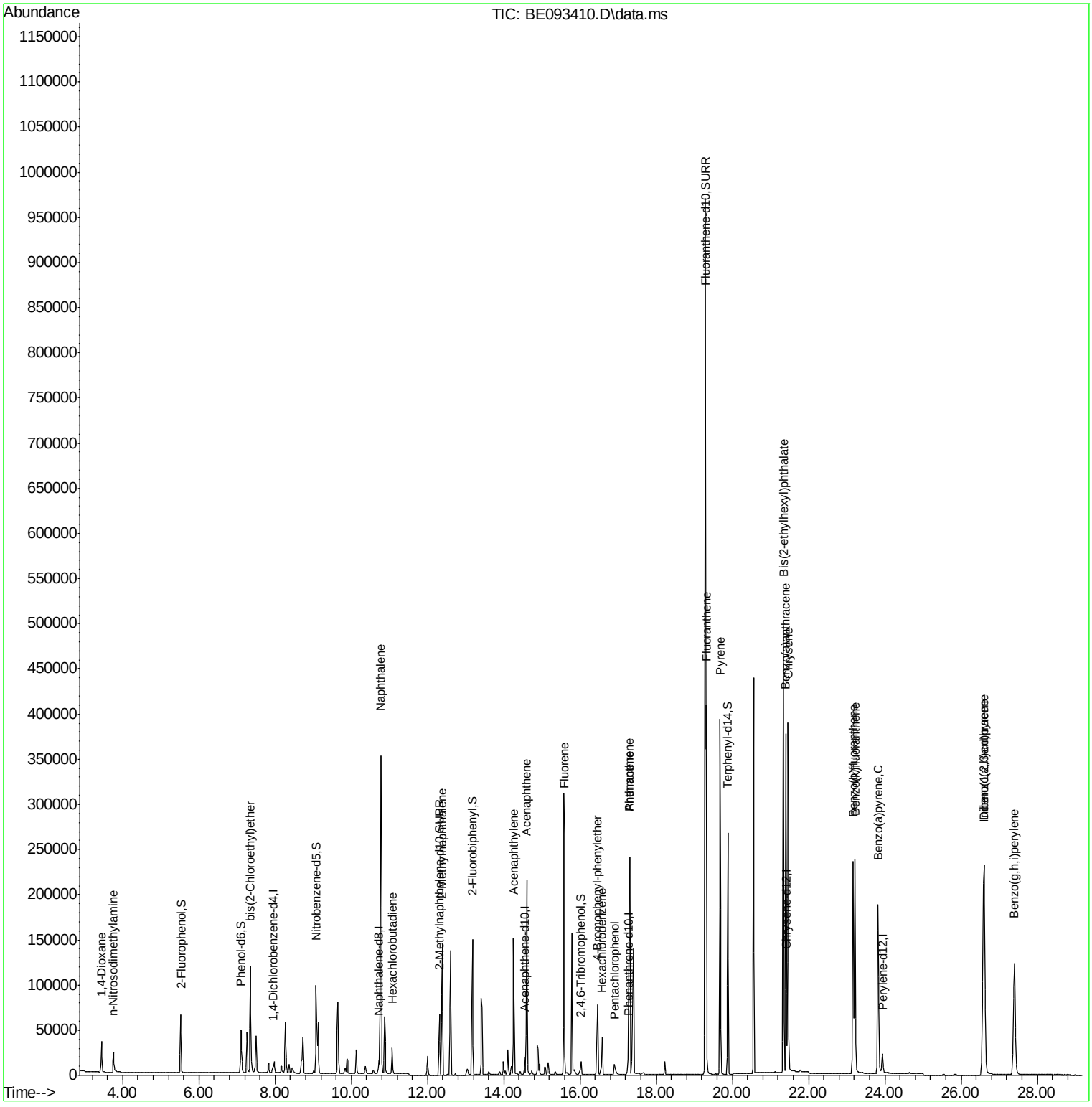
(#) = qualifier out of range (m) = manual integration (+) = signals summed

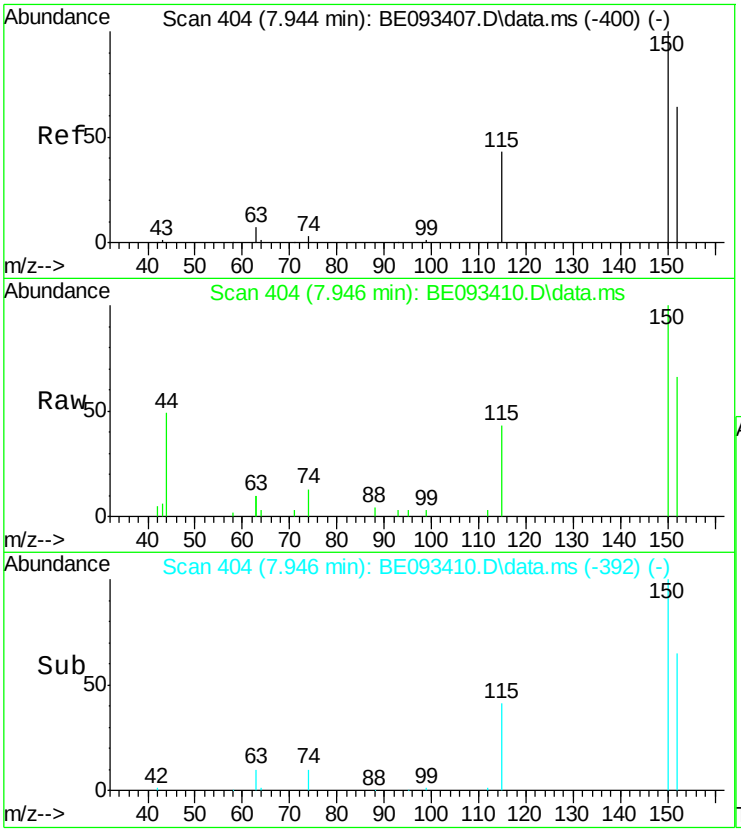
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093410.D
Acq On : 2 Jul 2017 12:45
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 02 13:24:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:00:15 2017
Response via : Initial Calibration



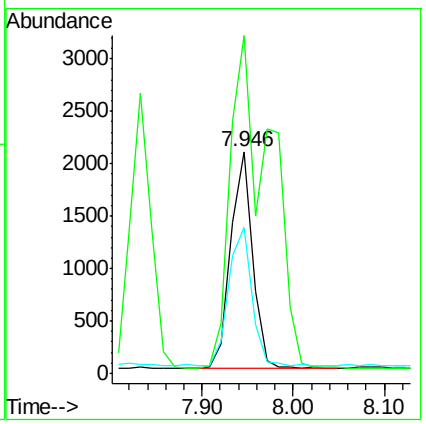


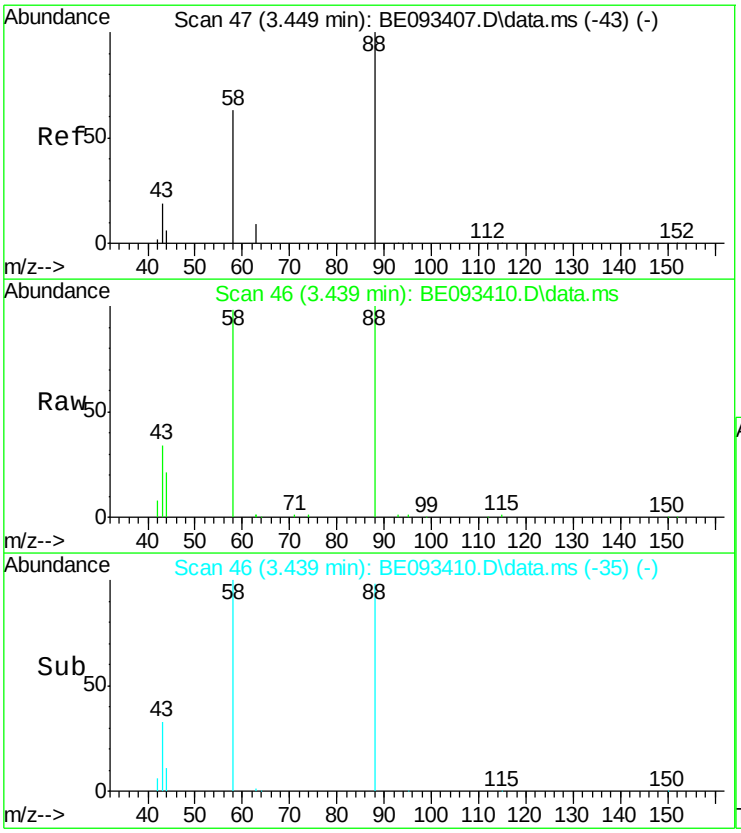
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.946 min Scan# 40
Delta R.T. 0.003 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3399

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.1	187.7
115	66.0	55.7	83.5

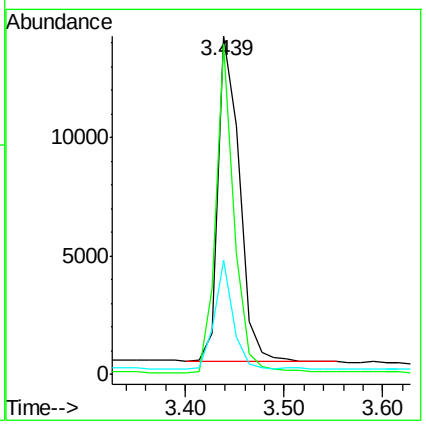


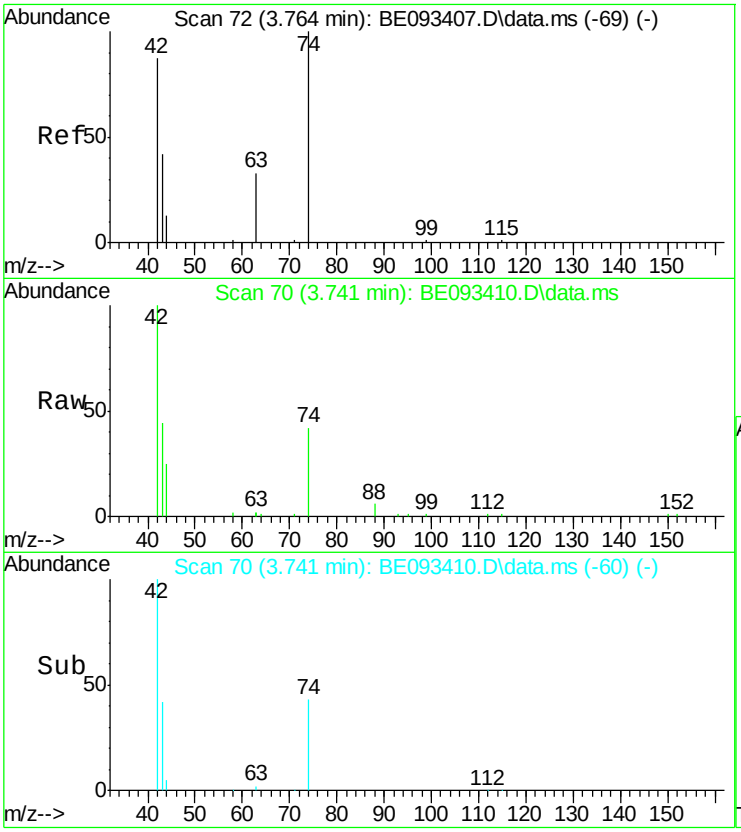


#2
1,4-Dioxane
Concen: 2.95 ng
RT: 3.439 min Scan# 46
Delta R.T. -0.010 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion: 88 Resp: 20686

Ion	Ratio	Lower	Upper
88	100		
58	87.5	62.2	93.4
43	29.7	23.2	34.8



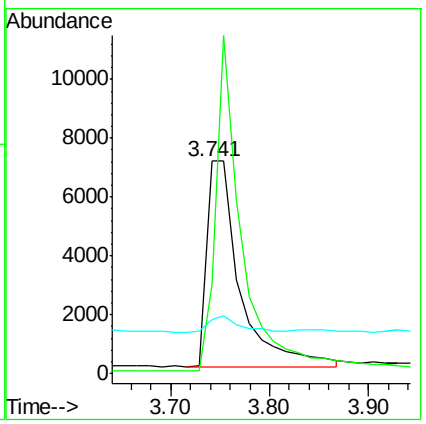


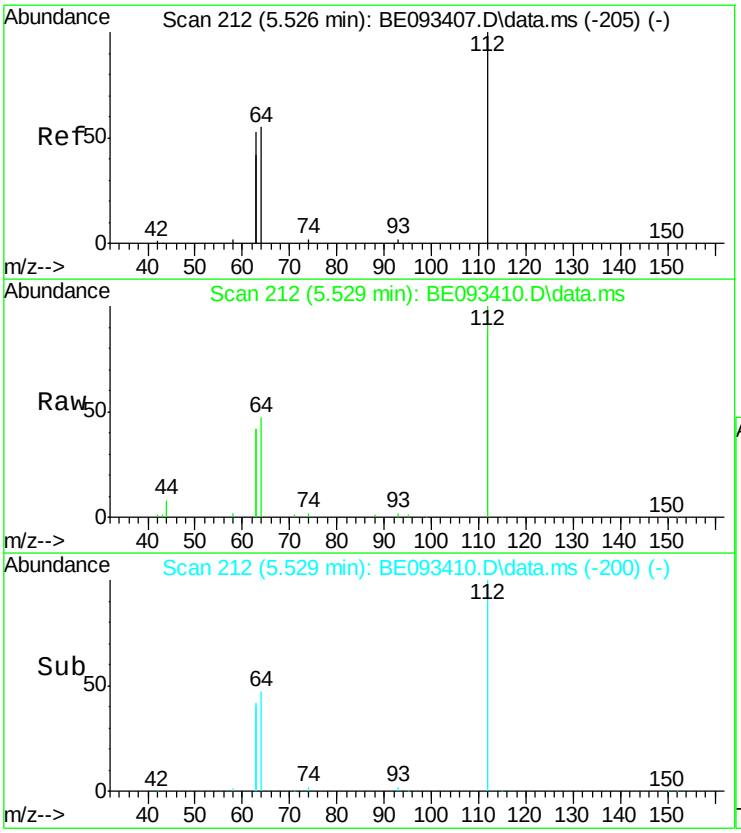
#3
n-Nitrosodimethylamine
Concen: 3.91 ng
RT: 3.741 min Scan# 70
Delta R.T. -0.023 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 16521

Ion	Ratio	Lower	Upper
42	100		
74	127.2	99.1	148.7
44	7.7	7.4	11.2

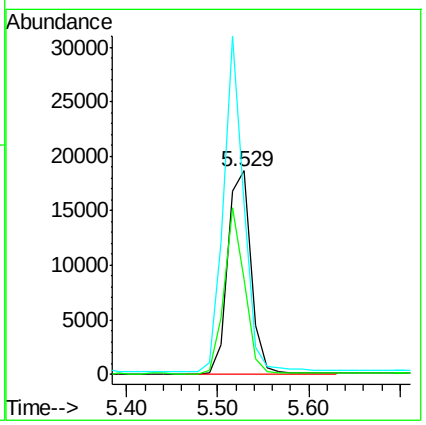


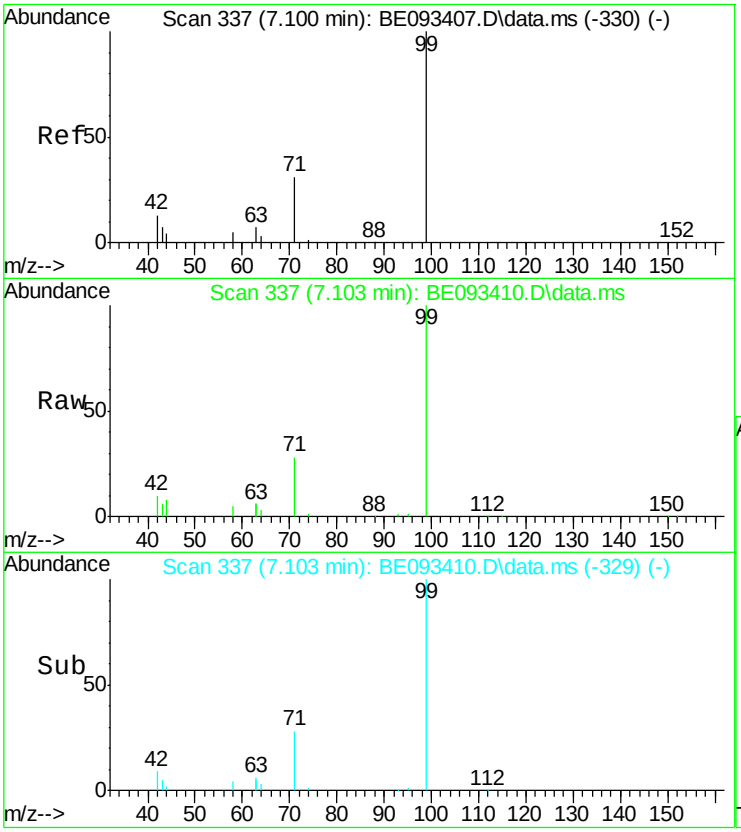


#4
2-Fluorophenol
Concen: 3.13 ng
RT: 5.529 min Scan# 212
Delta R.T. 0.003 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:112 Resp: 33154

Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.4	84.6
63	141.7	29.3	43.9#



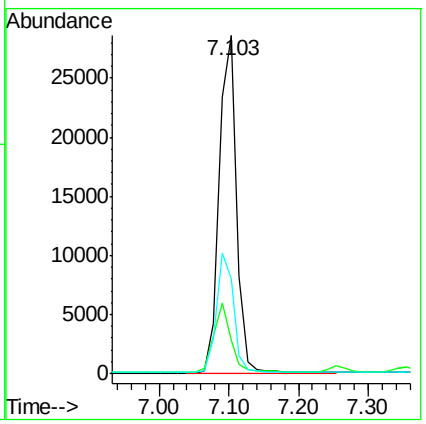


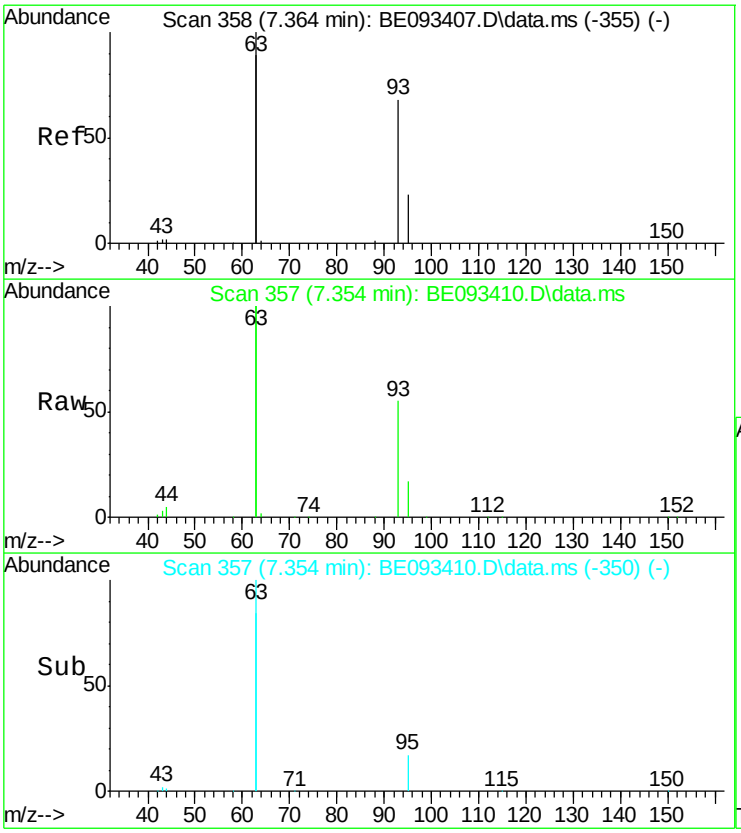
#5
Phenol-d6
Concen: 3.17 ng
RT: 7.103 min Scan# 33
Delta R.T. 0.003 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 50134

Ion	Ratio	Lower	Upper
99	100		
42	19.5	0.0	0.0#
71	34.8	0.0	0.0#

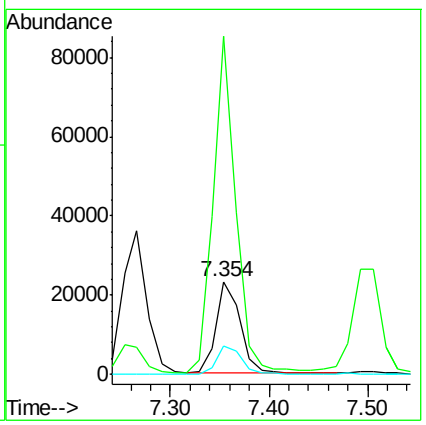


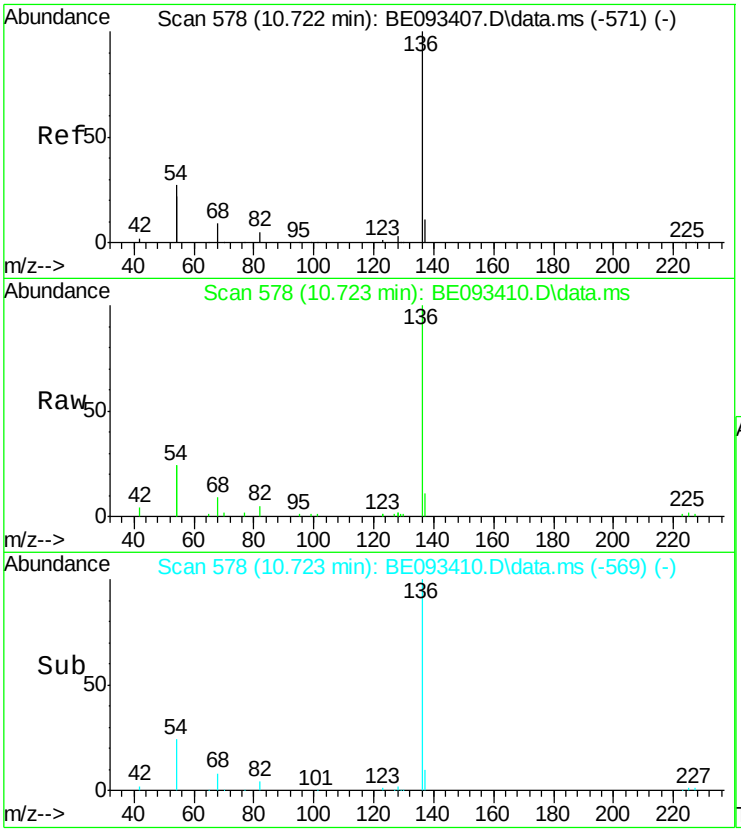


#6
bis(2-Chloroethyl)ether
Concen: 3.51 ng
RT: 7.354 min Scan# 357
Delta R.T. -0.010 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion: 93 Resp: 39080

Ion	Ratio	Lower	Upper
93	100		
63	347.5	0.0	0.0#
95	32.6	25.4	38.0



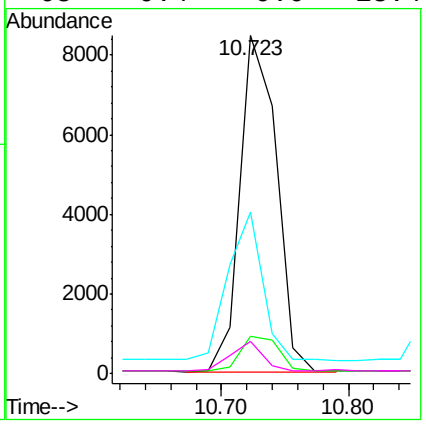


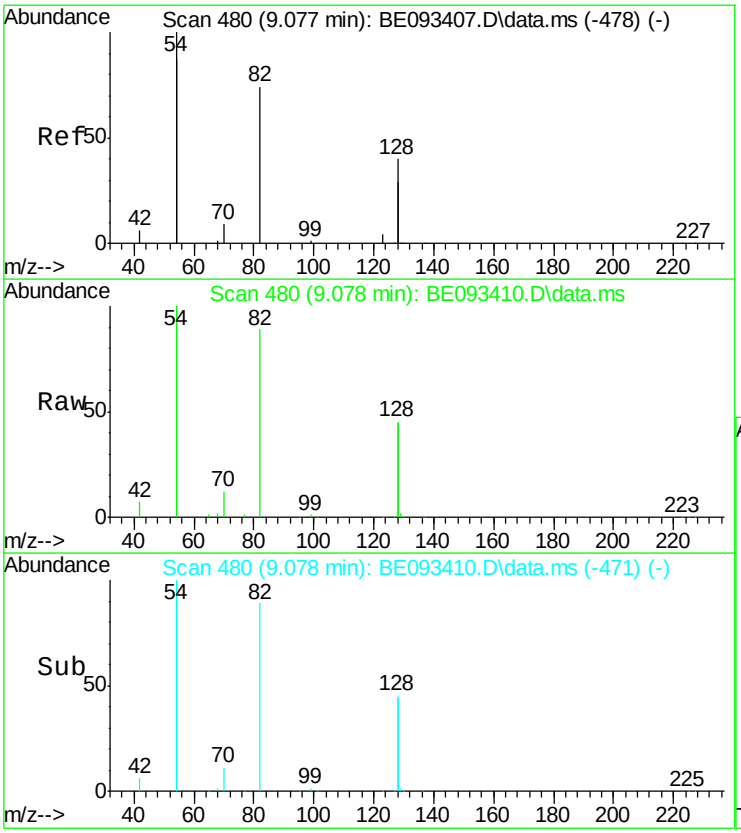
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.723 min Scan# 57
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 17015

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	47.6	10.3	15.5#
68	9.4	9.0	13.4

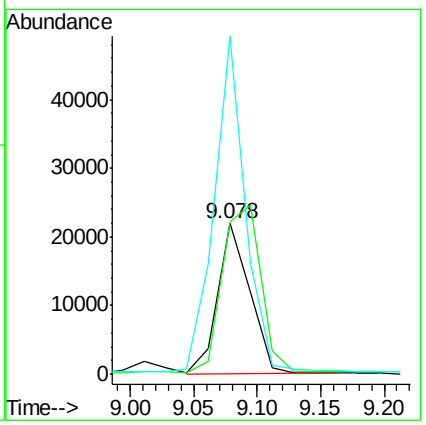


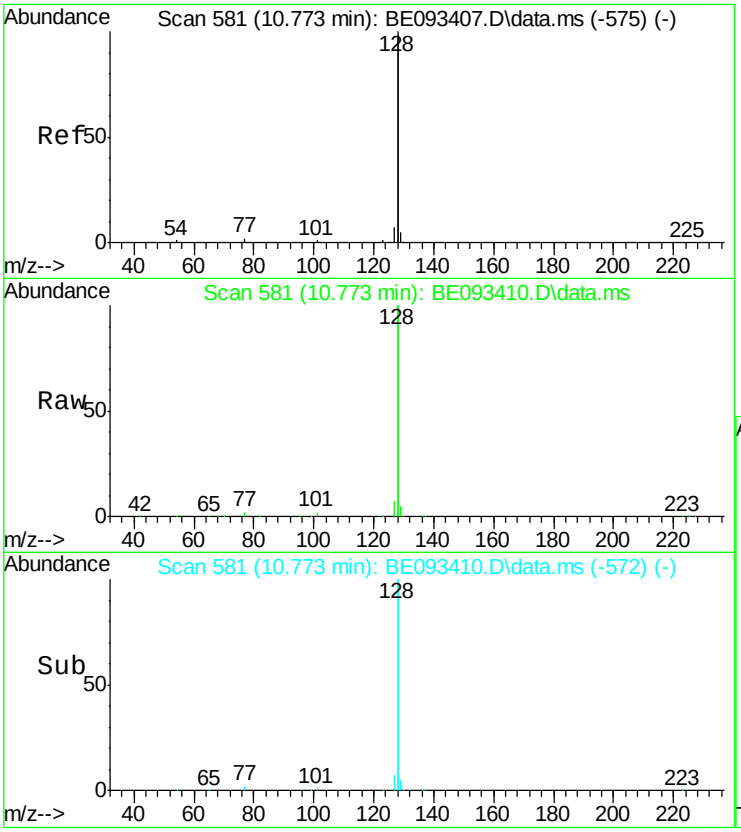


#8
Nitrobenzene-d5
Concen: 3.82 ng
RT: 9.078 min Scan# 480
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion: 82 Resp: 38702

Ion	Ratio	Lower	Upper
82	100		
128	100.7	17.0	25.4#
54	223.7	53.8	80.6#



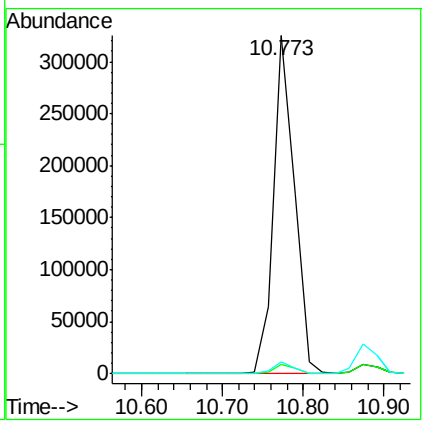


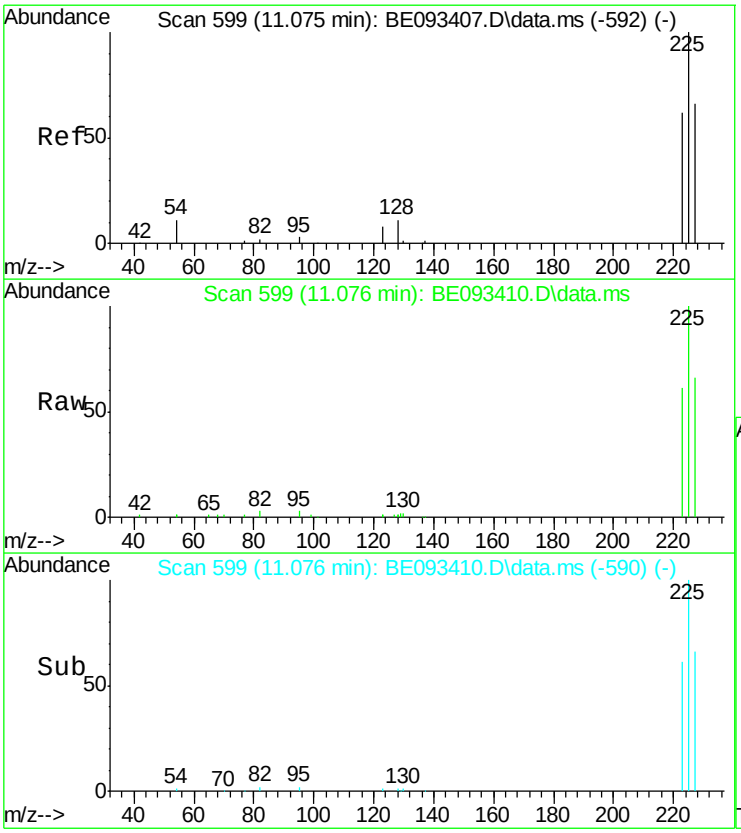
#9
Naphthalene
Concen: 3.27 ng
RT: 10.773 min Scan# 58
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 577857

Ion	Ratio	Lower	Upper
128	100		
129	2.7	11.4	17.0#
127	3.4	11.2	16.8#

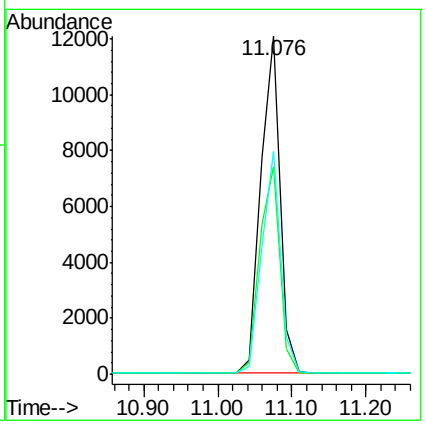


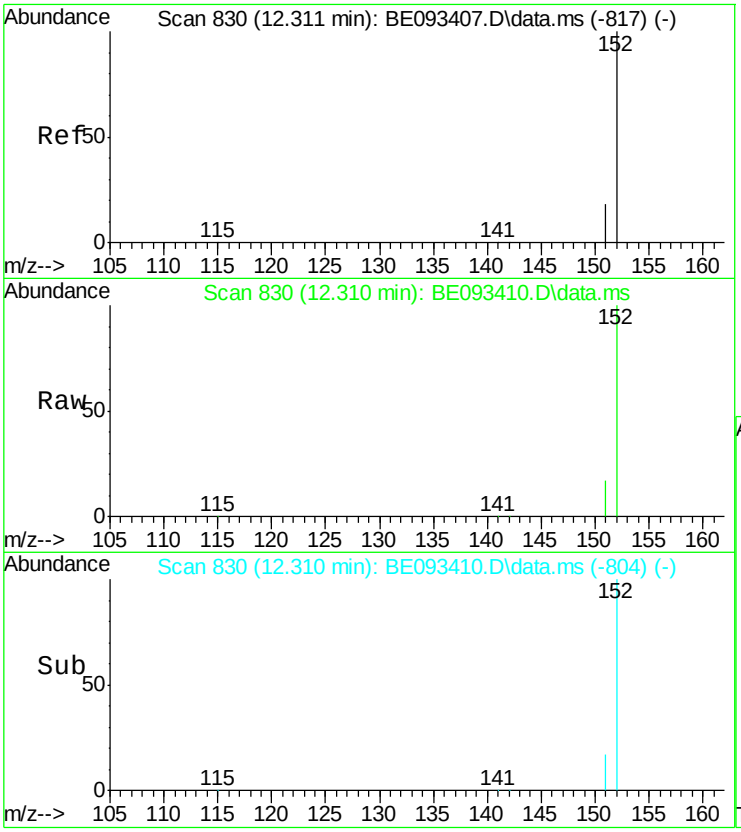


#10
Hexachlorobutadiene
Concen: 3.09 ng
RT: 11.076 min Scan# 599
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:225 Resp: 21959

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	64.0	50.3	75.5



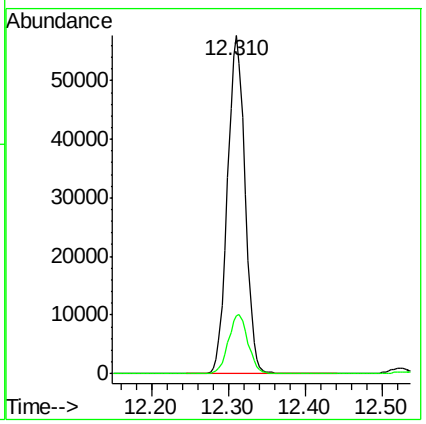


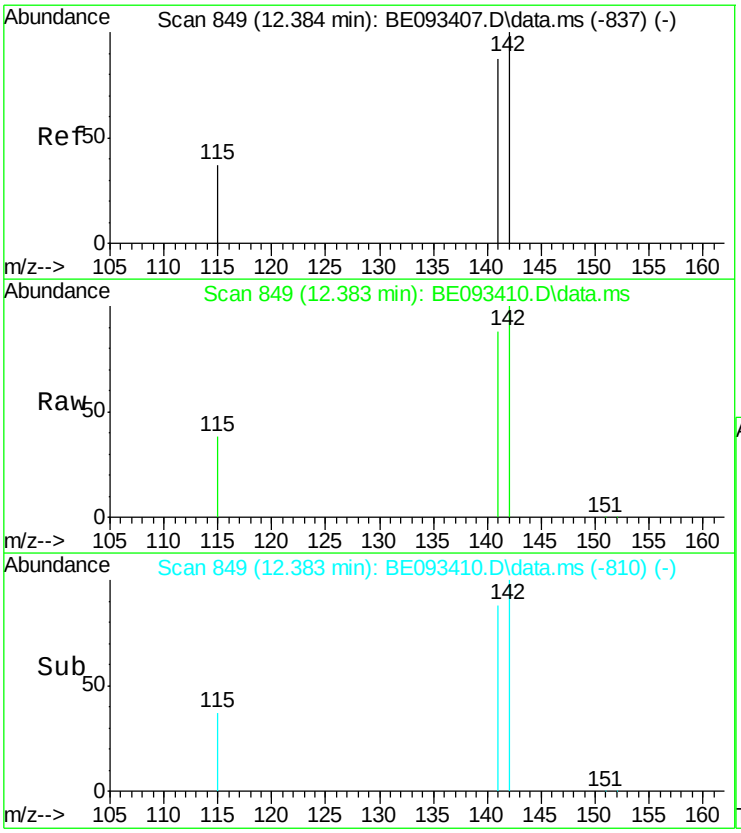
#11
2-Methylnaphthalene-d10
Concen: 3.36 ng
RT: 12.310 min Scan# 83
Delta R.T. -0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 91235

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

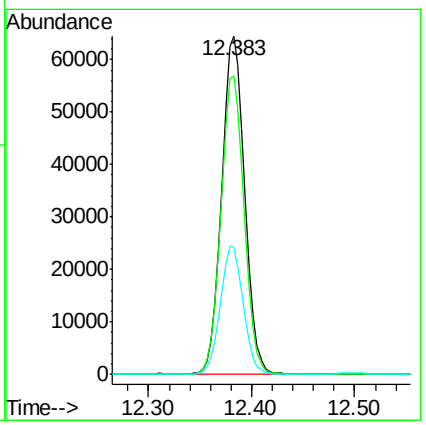


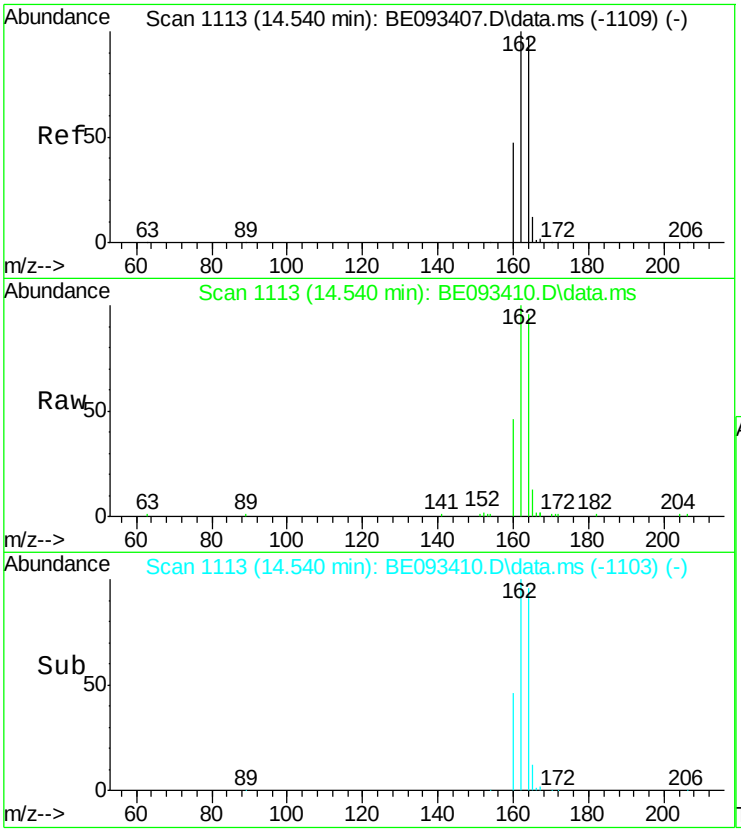


#12
2-Methylnaphthalene
Concen: 3.36 ng
RT: 12.383 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:142 Resp: 101074

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	37.6	32.2	48.2



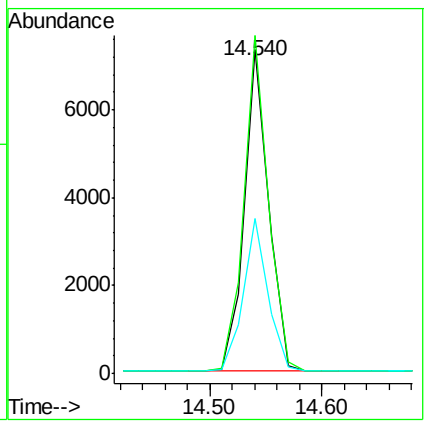


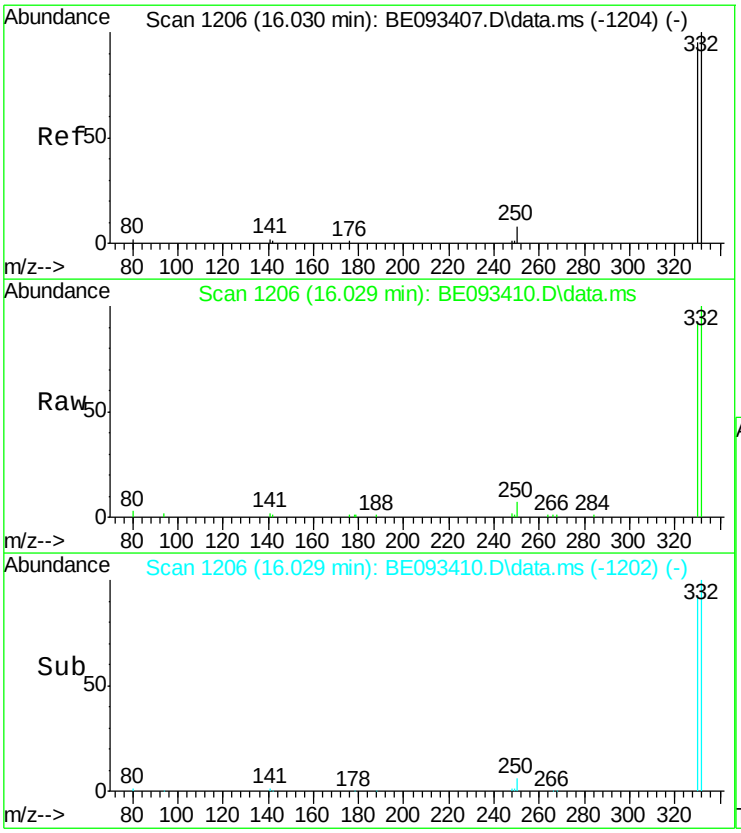
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.540 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 10966

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.6	127.0
160	48.0	41.8	62.6

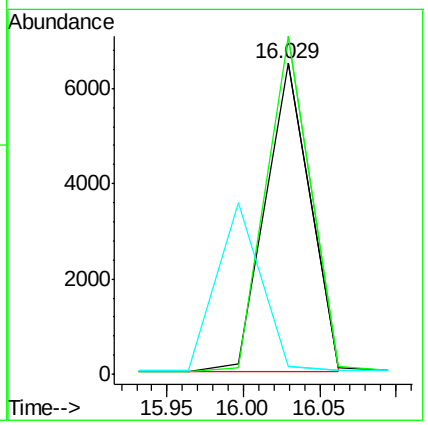


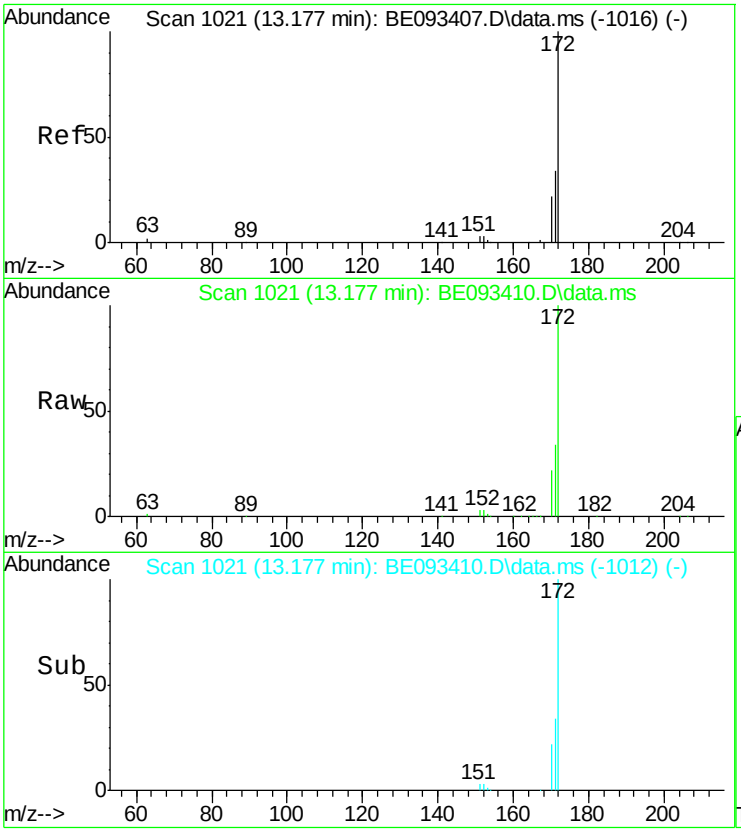


#14
2,4,6-Tribromophenol
Concen: 2.80 ng
RT: 16.029 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:330 Resp: 13183

Ion	Ratio	Lower	Upper
330	100		
332	107.5	77.7	116.5
141	0.0	56.2	84.4#



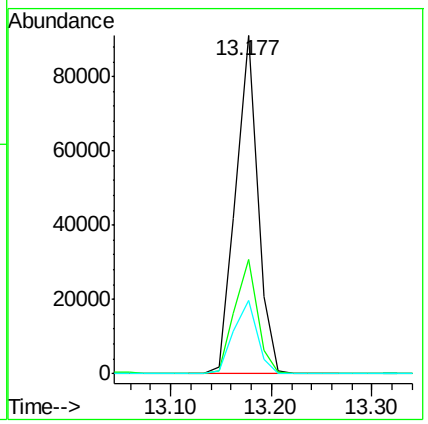


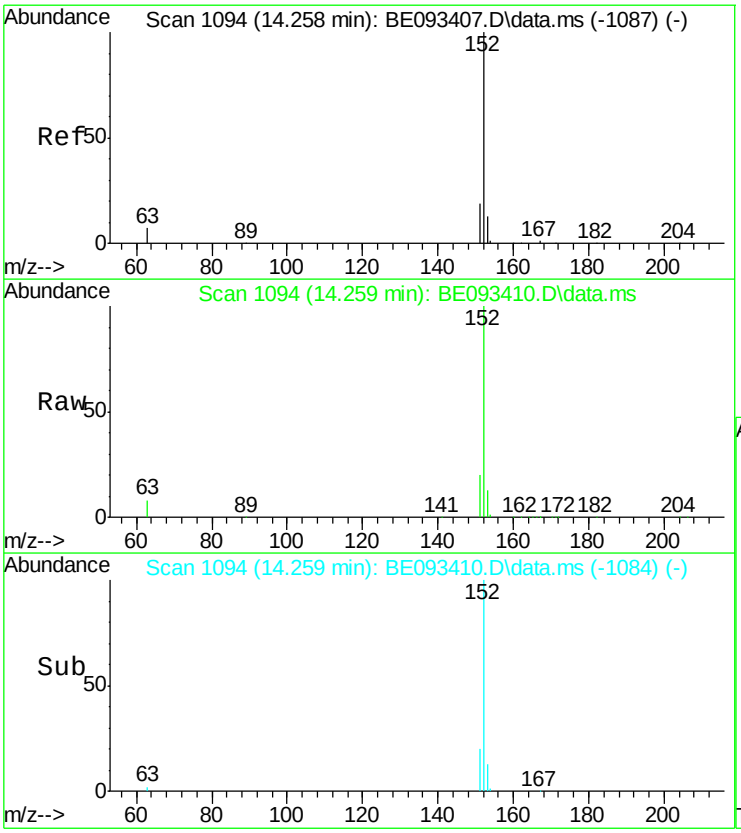
#15
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 139039

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.8	44.6
170	21.7	20.7	31.1

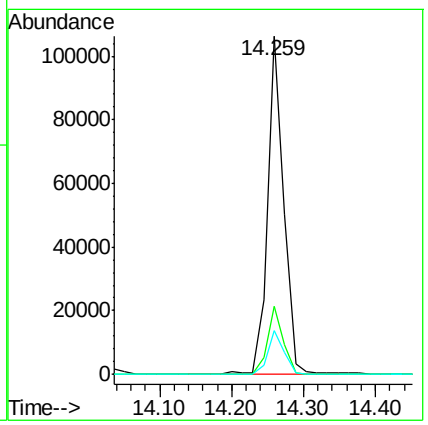


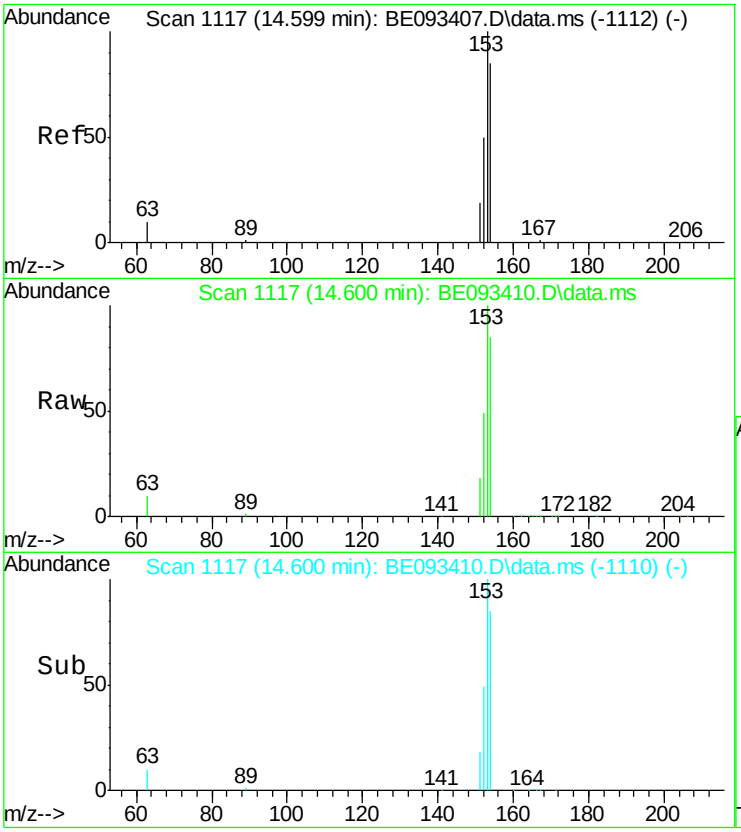


#16
Acenaphthylene
Concen: 3.48 ng
RT: 14.259 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:152 Resp: 165988

Ion	Ratio	Lower	Upper
152	100		
151	19.5	4.0	6.0#
153	13.2	10.3	15.5



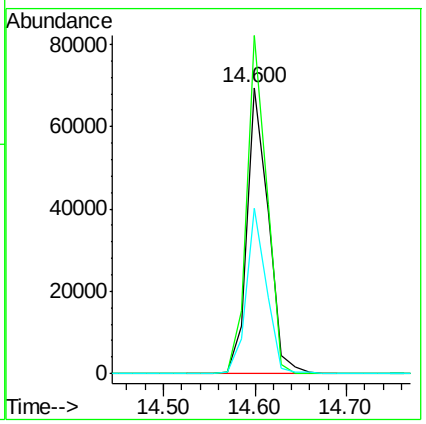


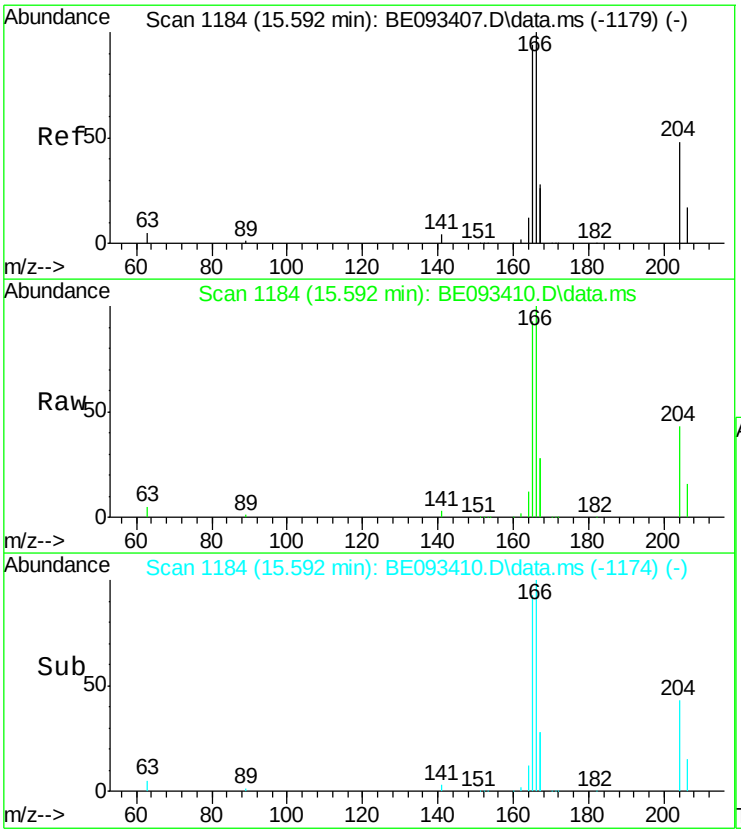
#17
Acenaphthene
Concen: 3.36 ng
RT: 14.600 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 112712

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.2	136.8
152	53.9	44.8	67.2

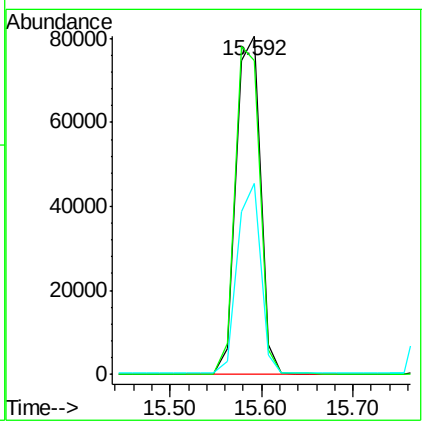


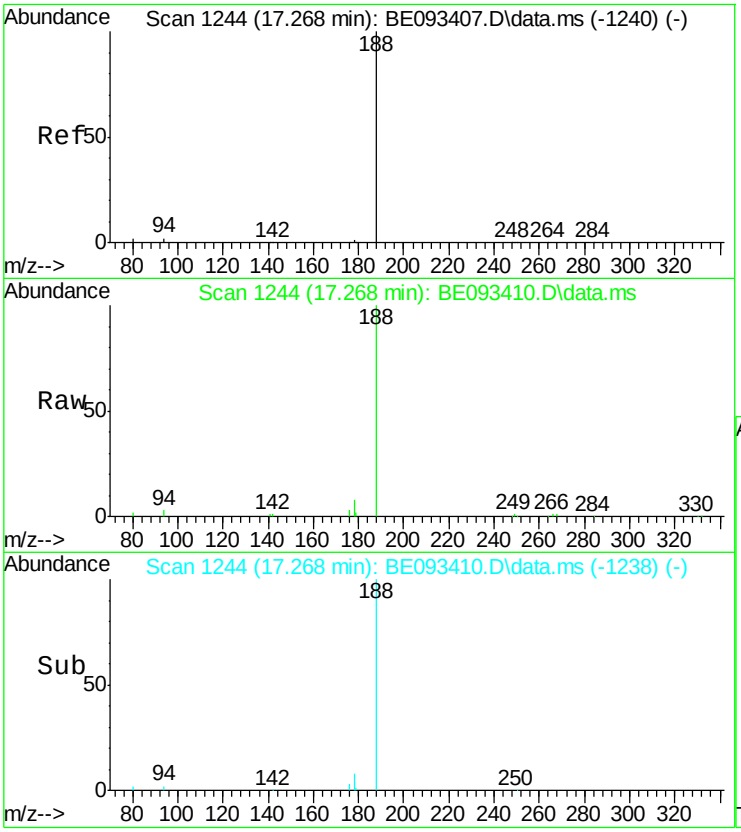


#18
Fluorene
Concen: 3.25 ng
RT: 15.592 min Scan# 1184
Delta R.T. 0.001 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:166 Resp: 150007

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	54.3	11.1	16.7#



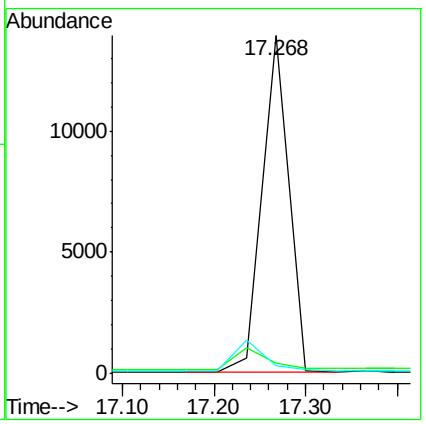


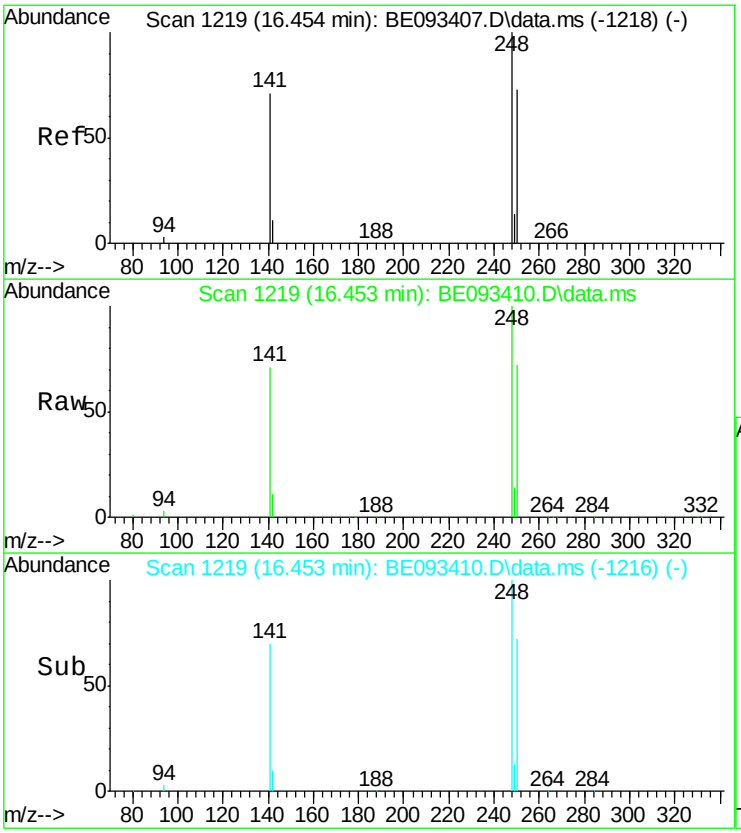
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.268 min Scan# 12
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 28485

Ion	Ratio	Lower	Upper
188	100		
94	3.2	11.3	16.9#
80	2.4	11.7	17.5#

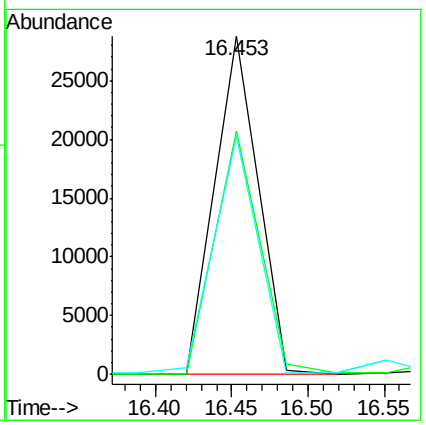


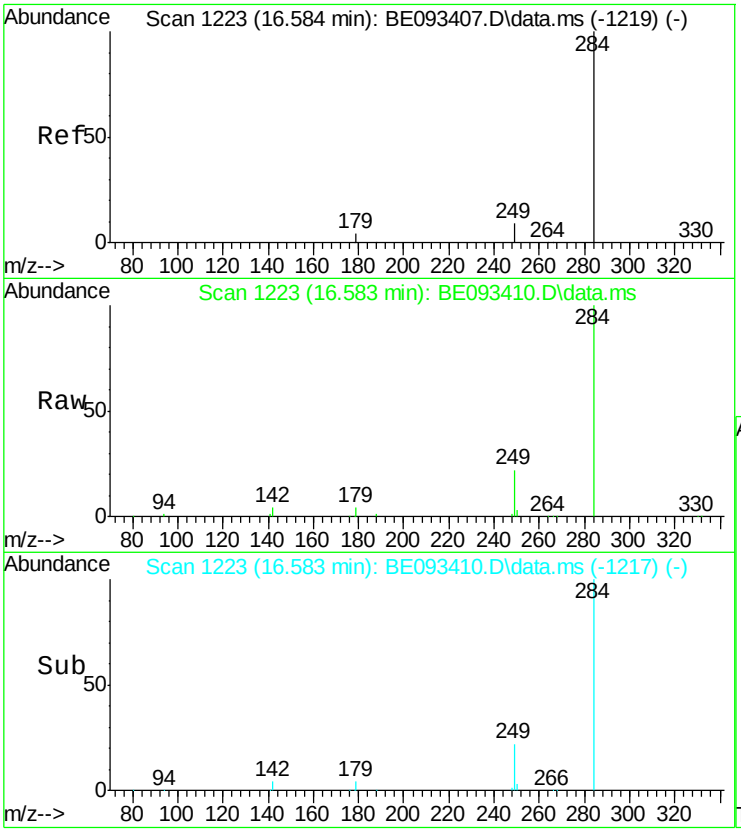


#20
4-Bromophenyl-phenylether
Concen: 8.75 ng
RT: 16.453 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:248 Resp: 56749

Ion	Ratio	Lower	Upper
248	100		
250	72.1	40.8	61.2#
141	70.6	161.6	242.4#



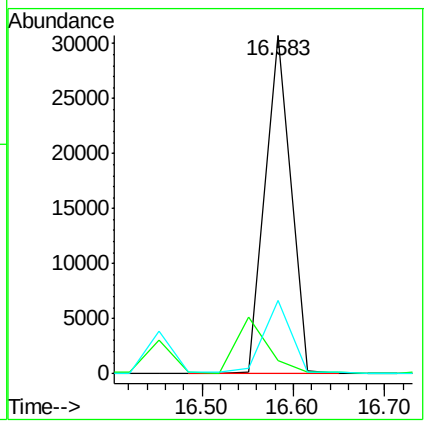


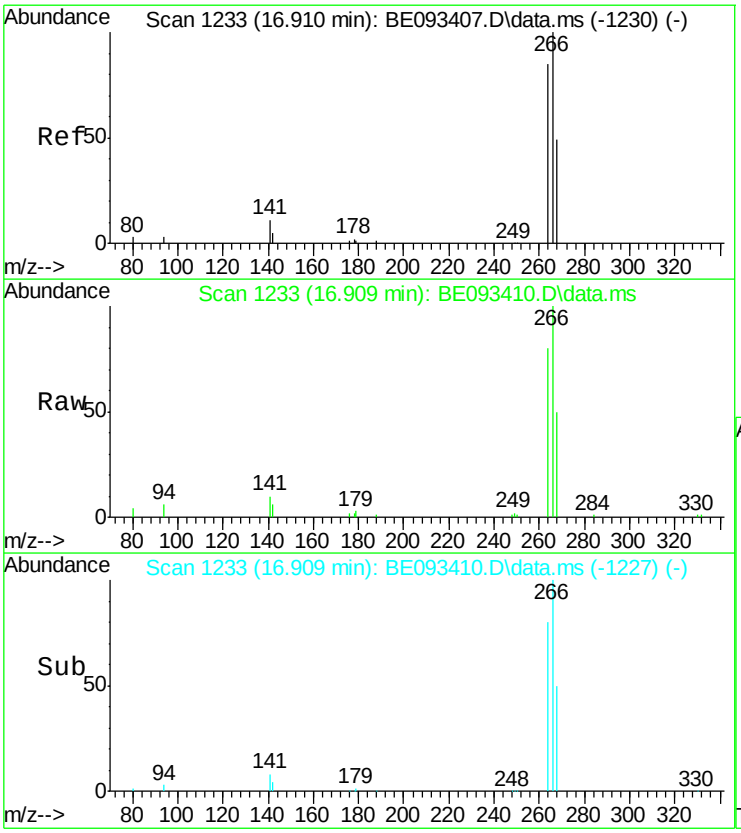
#21
Hexachlorobenzene
Concen: 5.55 ng
RT: 16.583 min Scan# 12
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 60440

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	22.8	0.0	0.0#

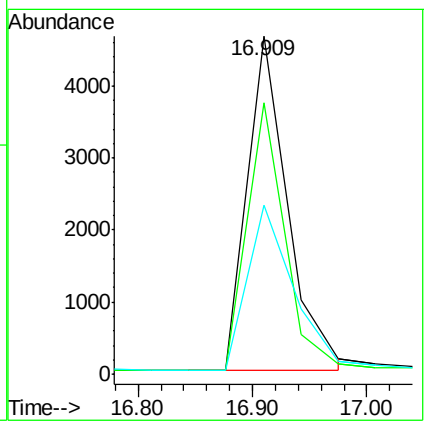


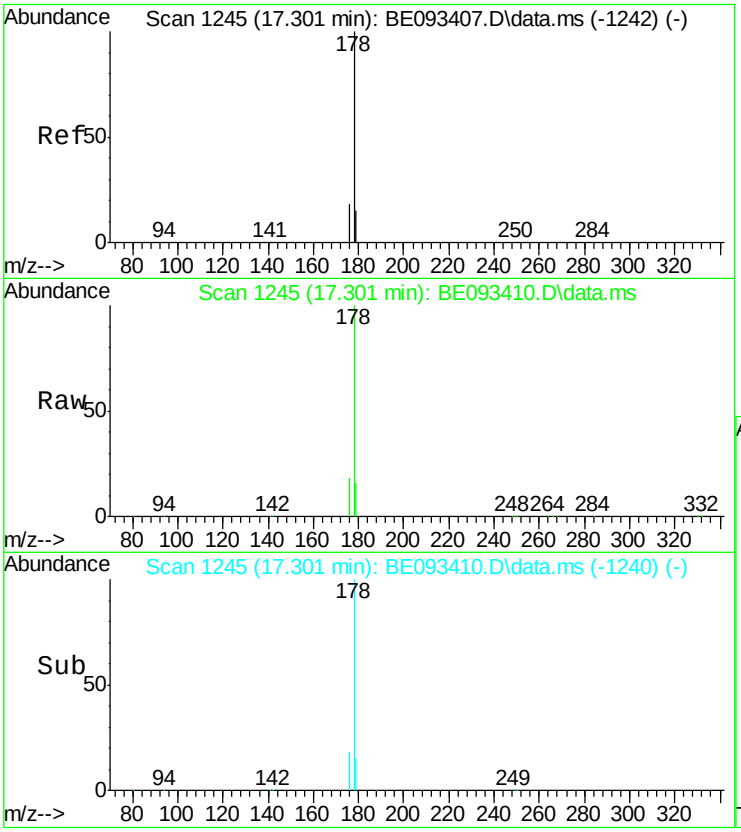


#22
Pentachlorophenol
Concen: 8.91 ng
RT: 16.909 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:266 Resp: 11263

Ion	Ratio	Lower	Upper
266	100		
264	80.2	58.2	87.2
268	50.2	71.9	107.9#



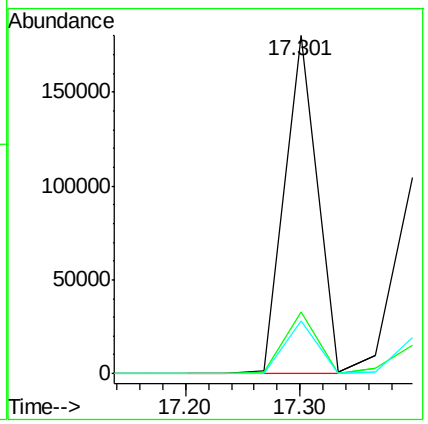


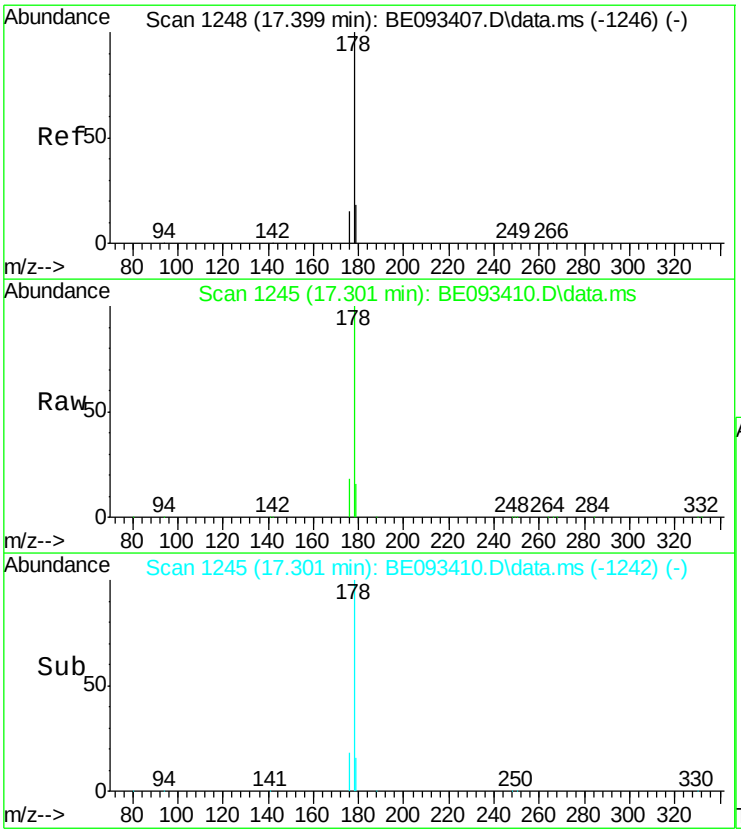
#23
Phenanthrene
Concen: 5.16 ng
RT: 17.301 min Scan# 12
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 355842

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.5	12.7	19.1

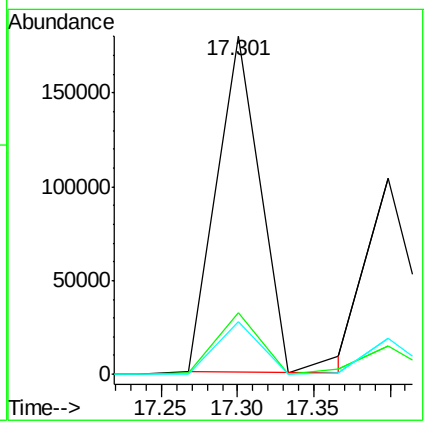


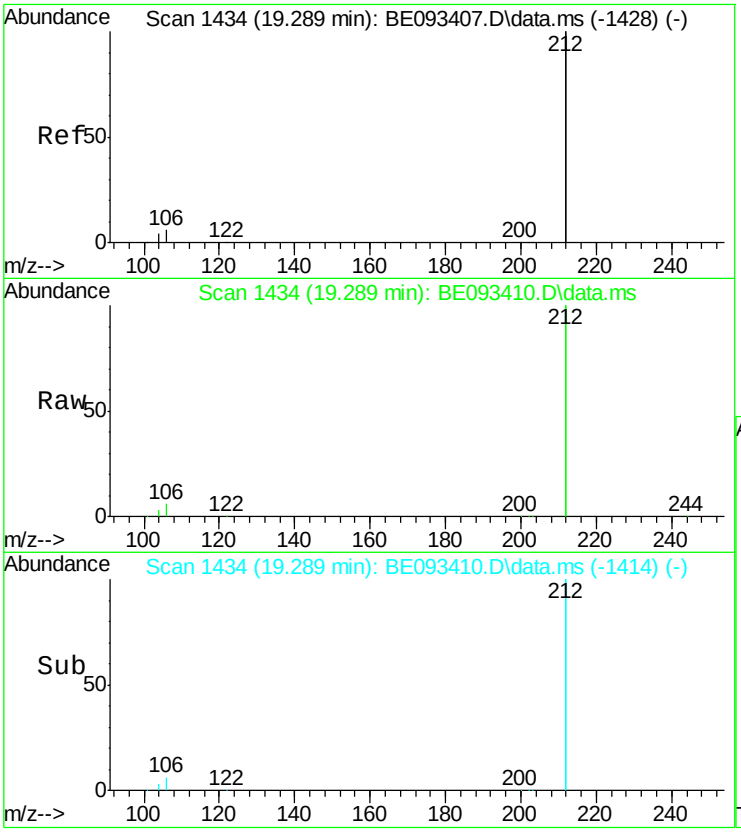


#24
Anthracene
Concen: 5.29 ng
RT: 17.301 min Scan# 1245
Delta R.T. -0.098 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:178 Resp: 367178

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.0	18.0



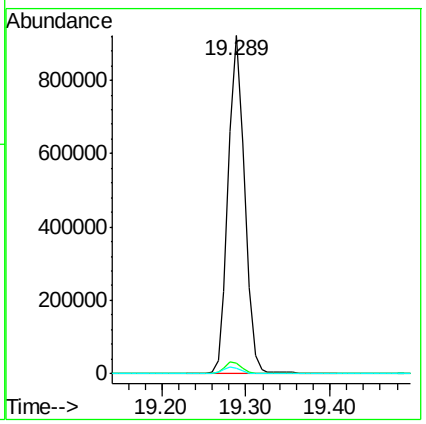


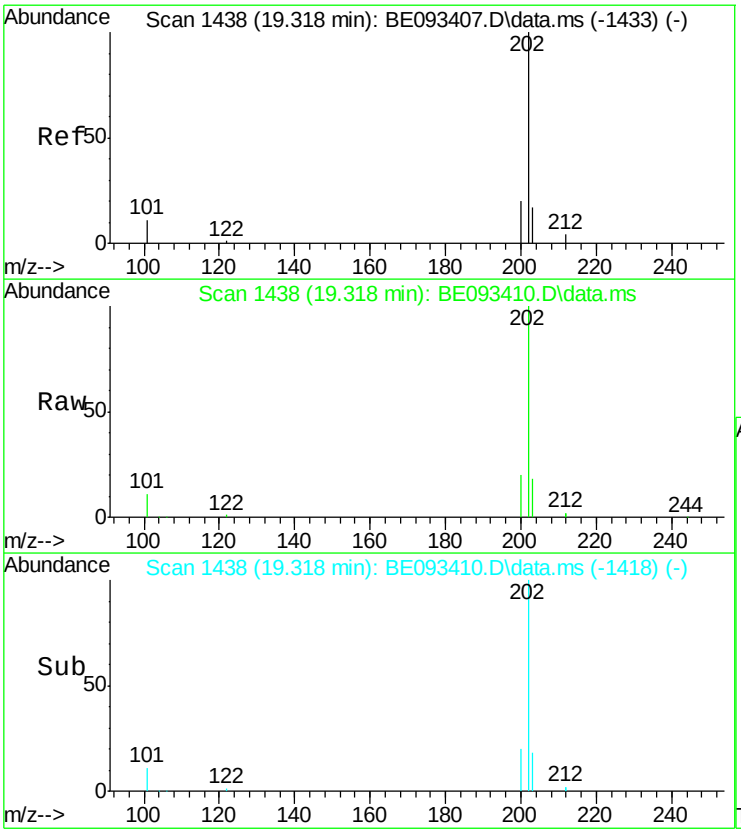
#25
Fluoranthene-d10
Concen: 4.72 ng
RT: 19.289 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1238653

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

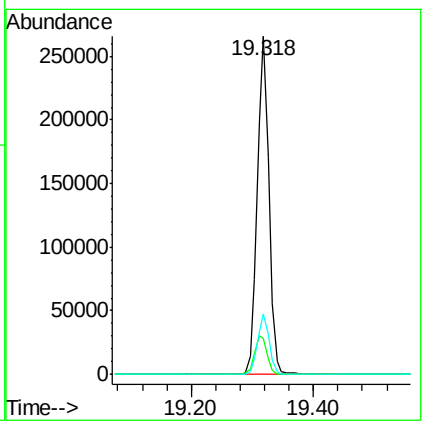


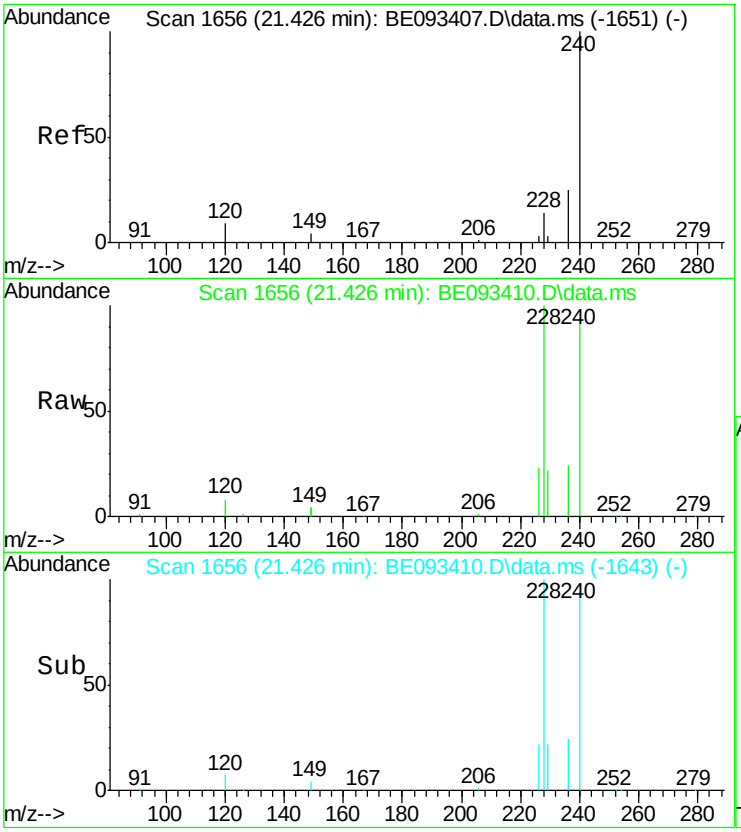


#26
Fluoranthene
Concen: 4.75 ng
RT: 19.318 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:202 Resp: 354988

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.5	14.4	21.6



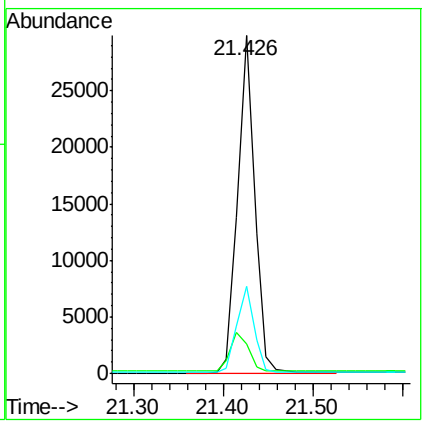


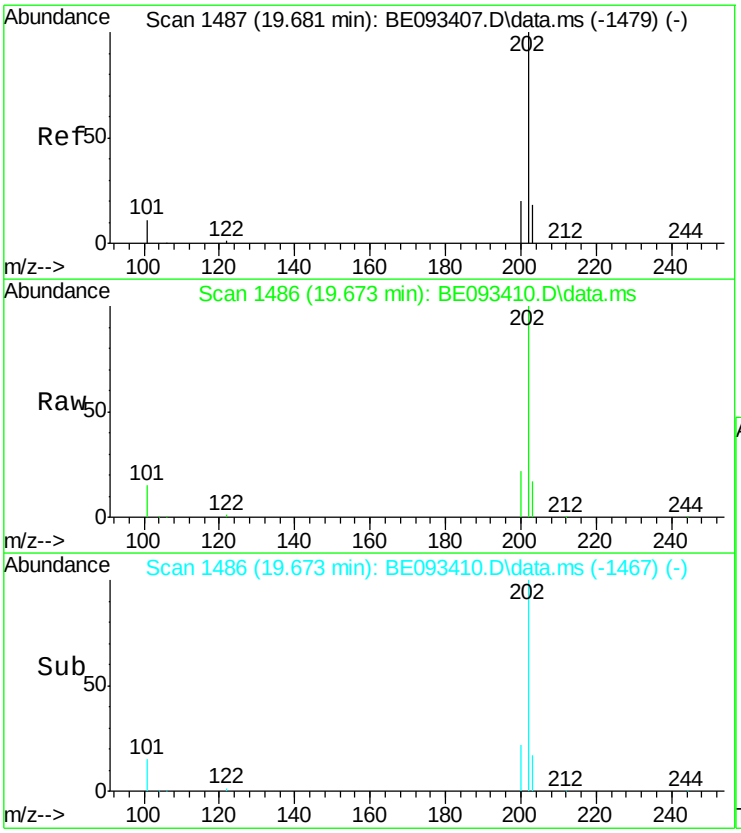
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.426 min Scan# 16
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 39554

Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.6	7.0#
236	25.8	20.8	31.2

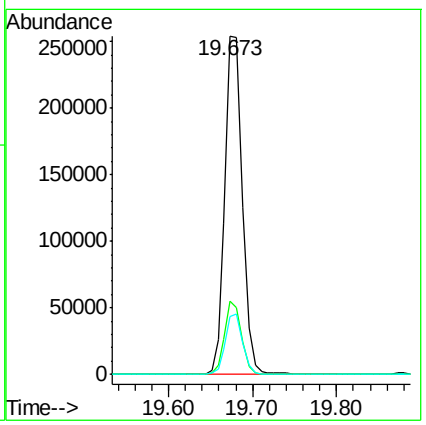


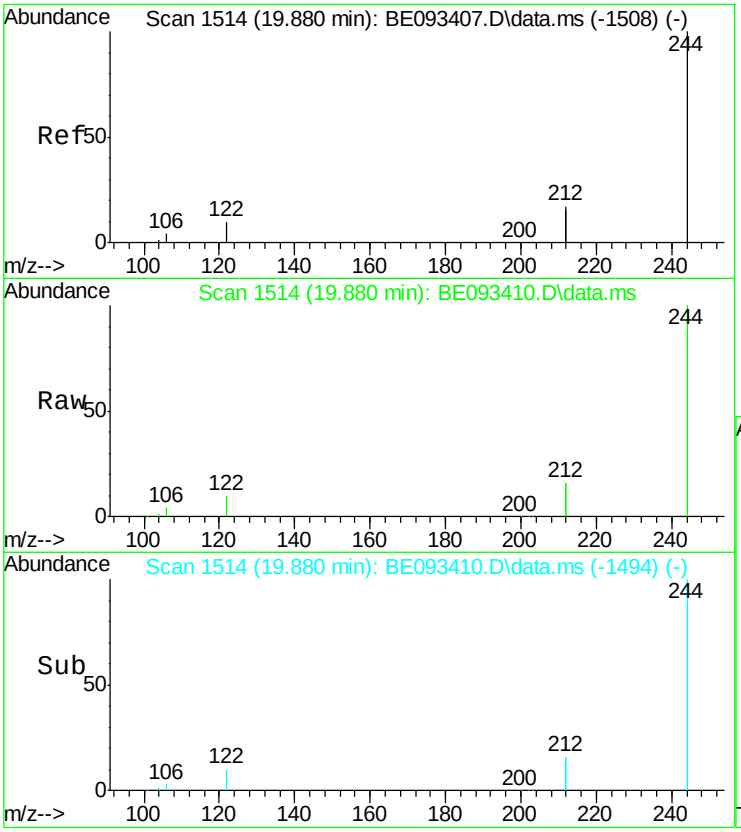


#28
Pyrene
Concen: 3.50 ng
RT: 19.673 min Scan# 1486
Delta R.T. -0.007 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:202 Resp: 365347

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.5	13.7	20.5



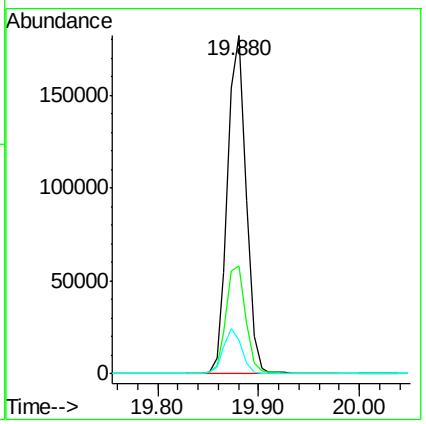


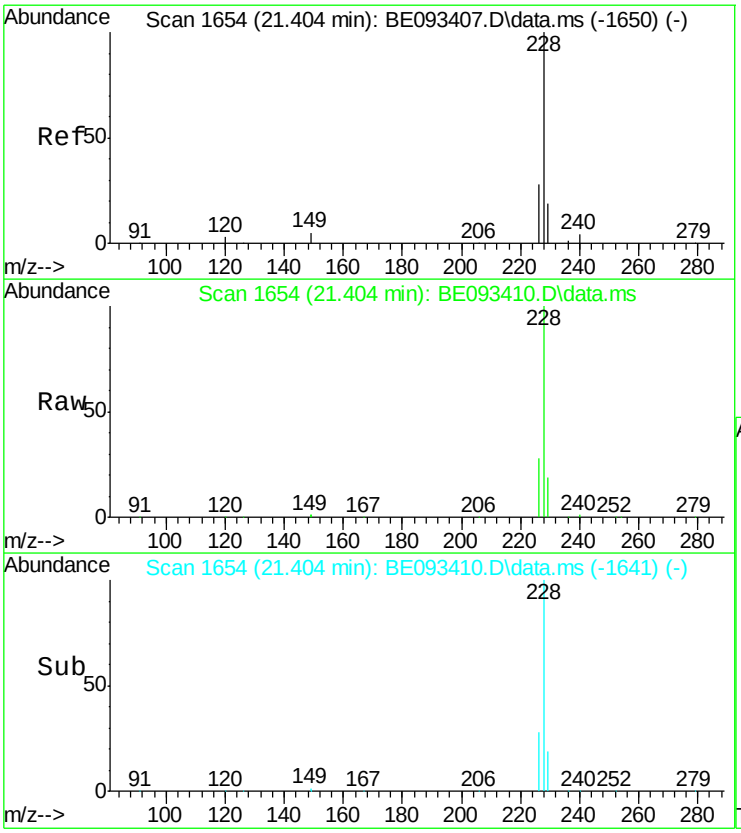
#29
Terphenyl-d14
Concen: 3.14 ng
RT: 19.880 min Scan# 15
Delta R.T. 0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 230037

Ion	Ratio	Lower	Upper
244	100		
212	32.0	10.6	16.0#
122	9.9	15.4	23.0#

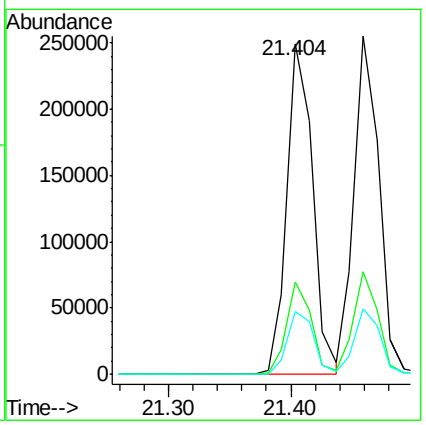


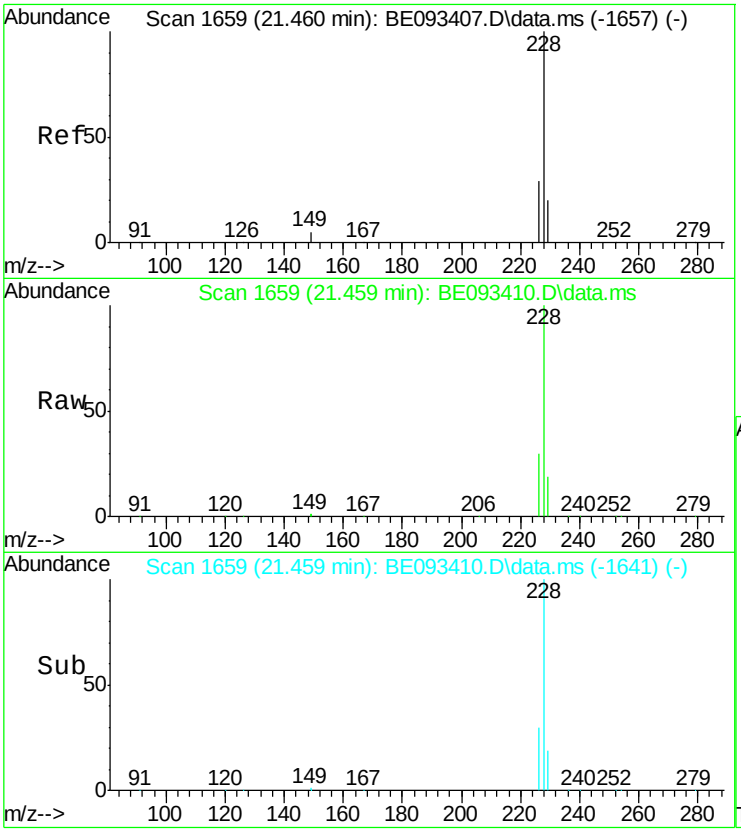


#30
Benzo(a)anthracene
Concen: 3.37 ng
RT: 21.404 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:228 Resp: 362229

Ion	Ratio	Lower	Upper
228	100		
226	28.0	19.7	29.5
229	19.1	19.2	28.8#



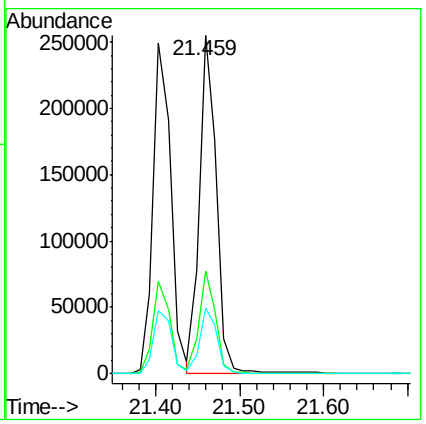


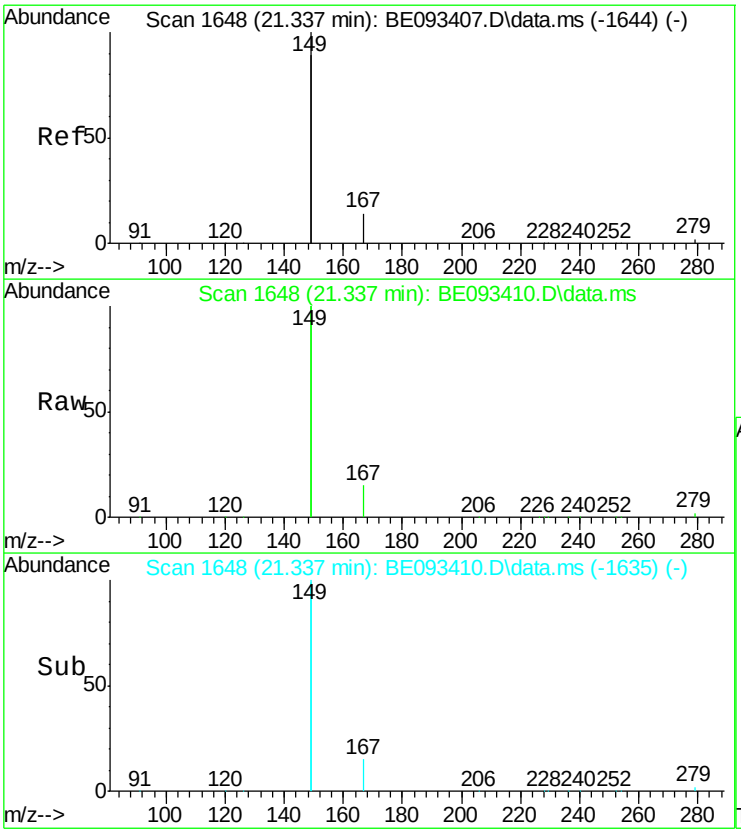
#31
Chrysene
Concen: 3.22 ng
RT: 21.459 min Scan# 16
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 362356

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.5	32.3
229	19.3	18.6	28.0

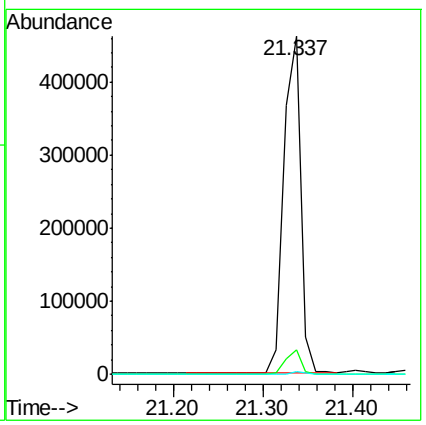


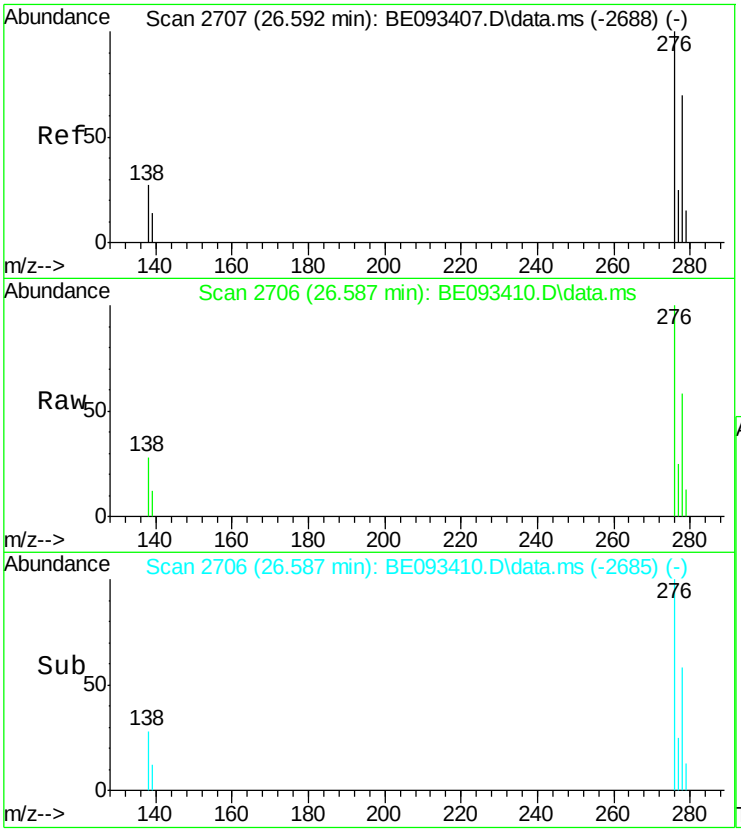


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.82 ng
RT: 21.337 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:149 Resp: 609142

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.8	2.2	3.4#



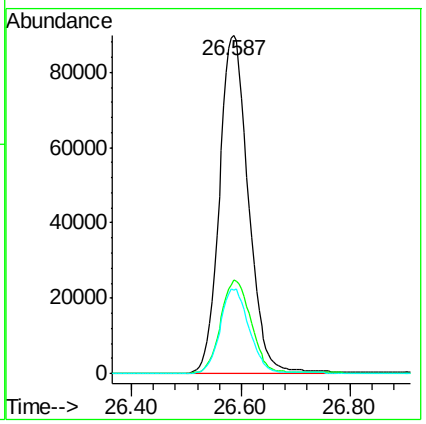


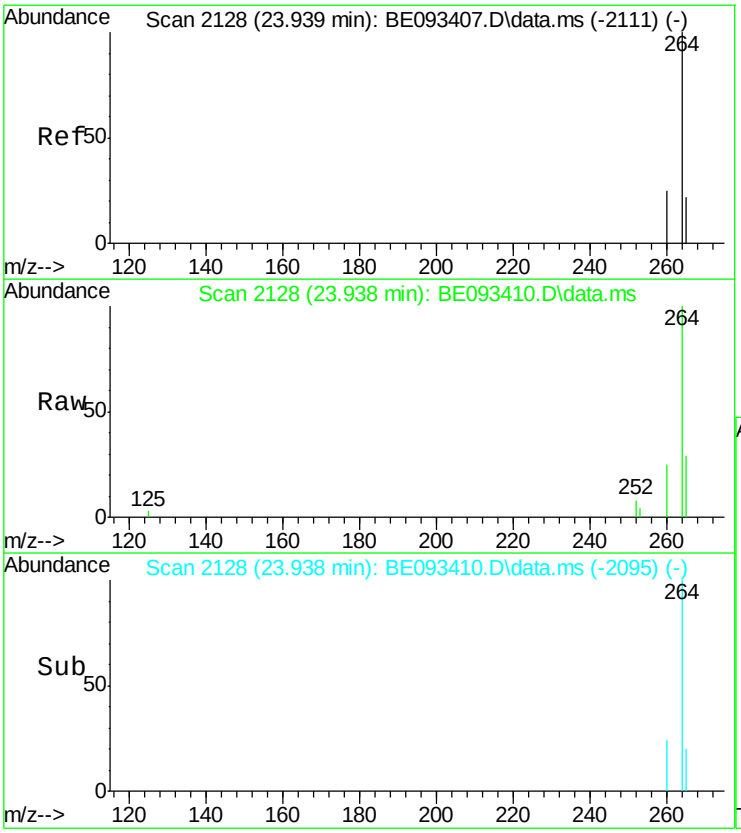
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.99 ng
RT: 26.587 min Scan# 27
Delta R.T. -0.005 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 328816

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.4	41.2
277	25.2	20.1	30.1

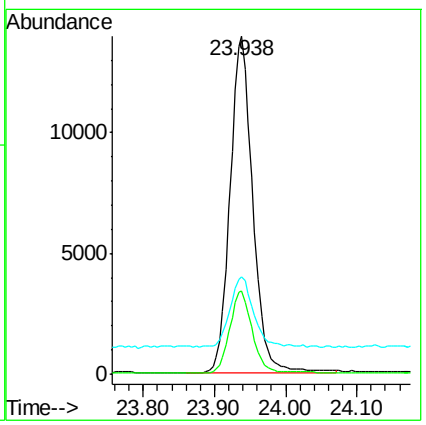


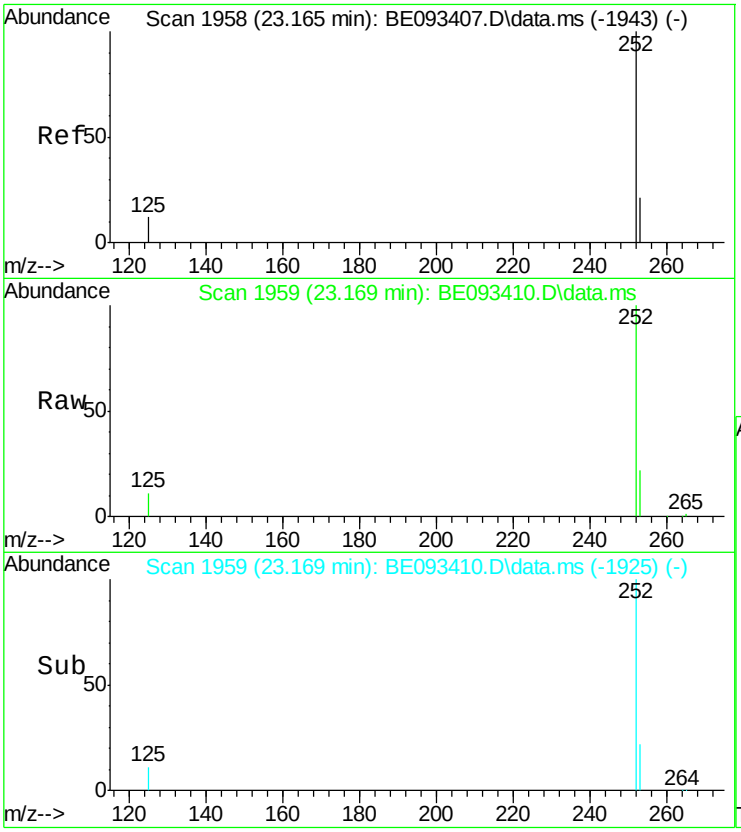


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.938 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:264 Resp: 31004

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.0	31.4
265	28.7	24.6	36.8



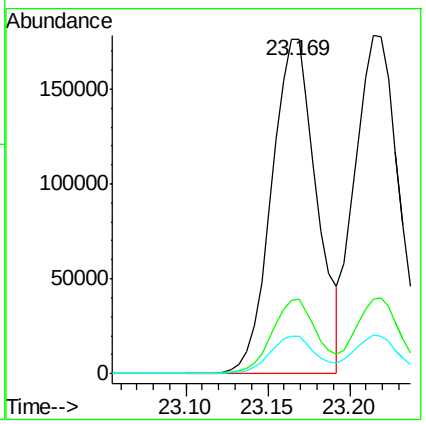


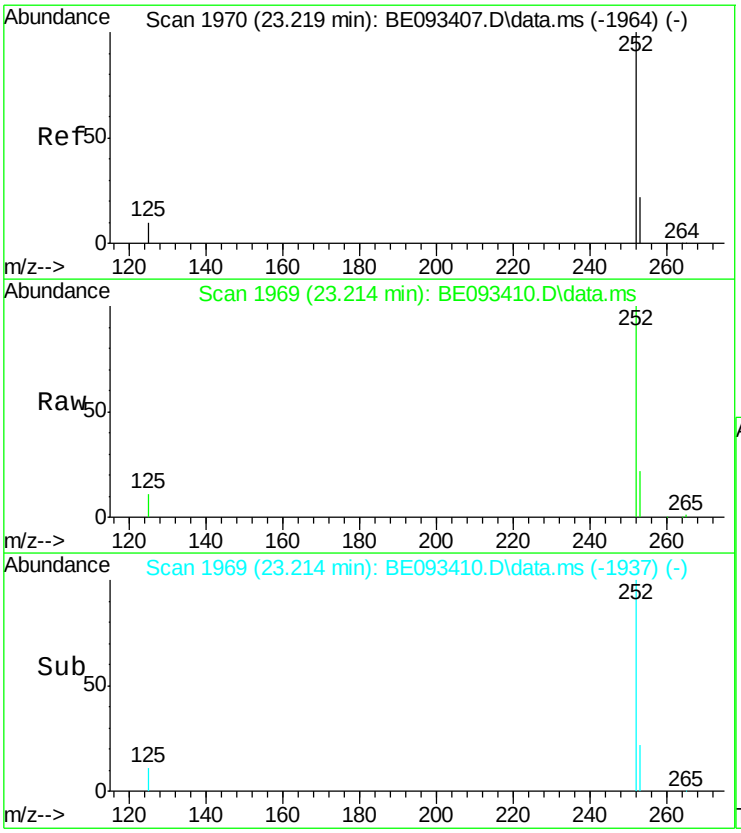
#35
Benzo(b)fluoranthene
Concen: 3.46 ng
RT: 23.169 min Scan# 19
Delta R.T. 0.004 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 336958

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.1	13.4	20.0#

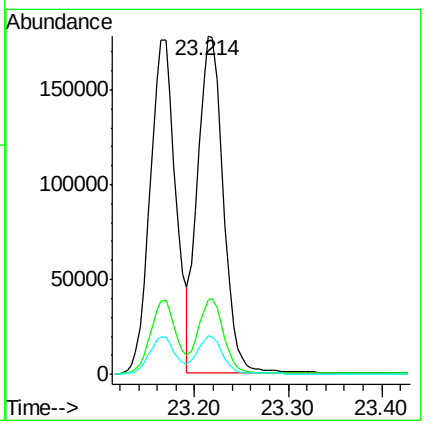


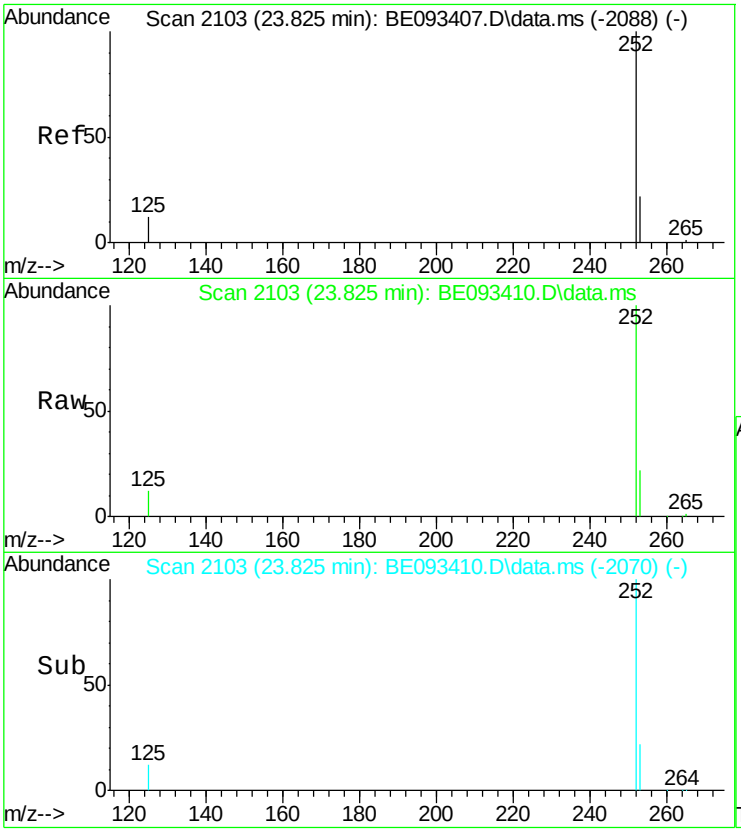


#36
Benzo(k)fluoranthene
Concen: 3.46 ng
RT: 23.214 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:252 Resp: 338138

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.3	30.5
125	11.3	12.2	18.4#



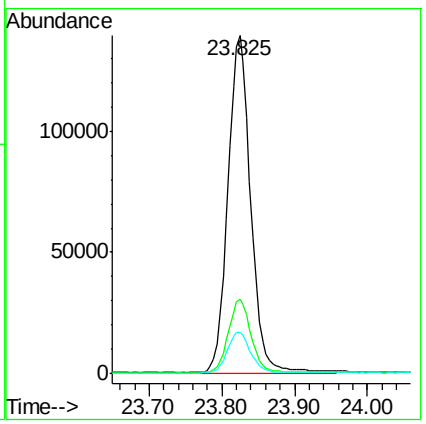


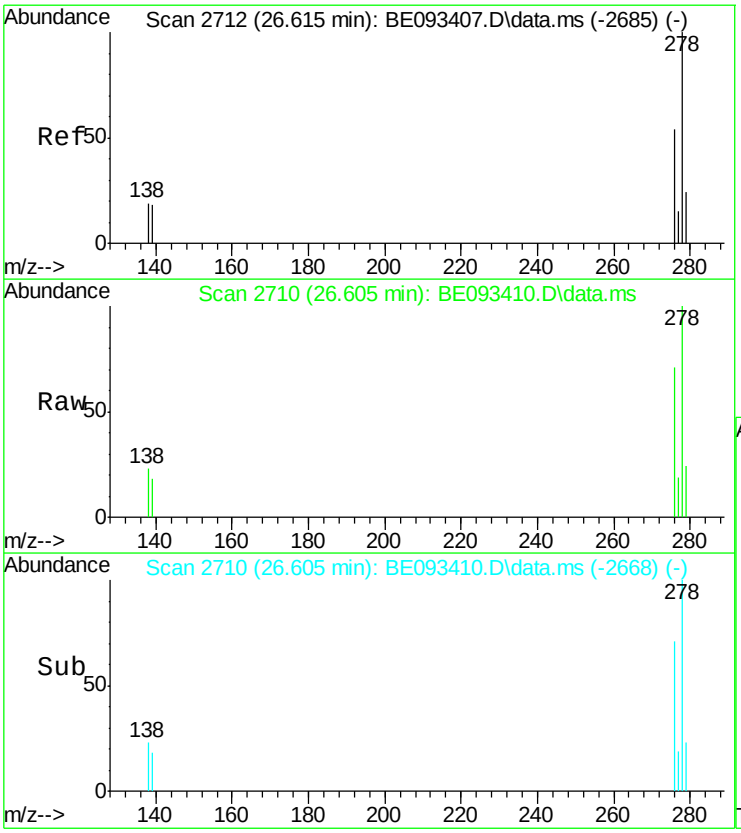
#37
Benzo(a)pyrene
Concen: 3.51 ng
RT: 23.825 min Scan# 21
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 303294

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	12.3	14.6	21.8#

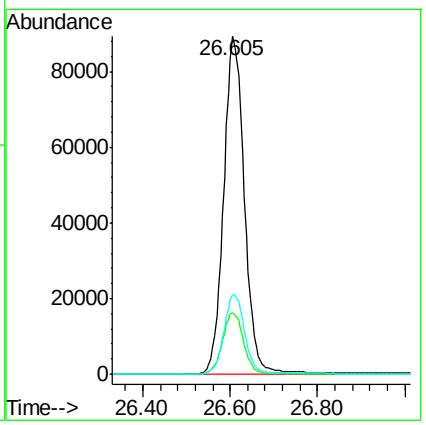


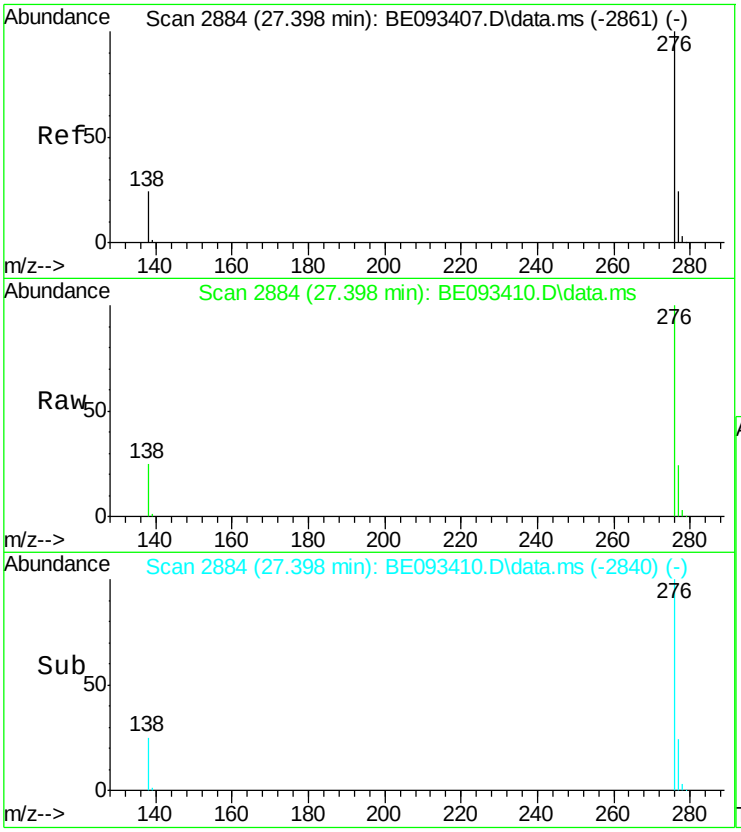


#38
Dibenzo(a,h)anthracene
Concen: 3.35 ng
RT: 26.605 min Scan# 2710
Delta R.T. -0.009 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Tgt Ion:278 Resp: 294710

Ion	Ratio	Lower	Upper
278	100		
139	18.3	21.4	32.0#
279	23.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 3.23 ng
RT: 27.398 min Scan# 28
Delta R.T. -0.000 min
Lab File: BE093410.D
Acq: 2 Jul 2017 12:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 290059

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.2	31.8
138	25.0	24.5	36.7