Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093436.D
Acq On : 7 Jul 2017 10:47
Operator : SJ/JU
Sample : PB100424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB100424BS

Quant Time: Jul 07 18:06:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.945	152	5047	0.40	ng		0.00
7) Naphthalene-d8	10.723	136	21167	0.40	ng		0.00
13) Acenaphthene-d10	14.540	164	9990	0.40	ng		0.00
19) Phenanthrene-d10	17.269	188	19351	0.40	ng		0.00
27) Chrysene-d12	21.427	240	32879	0.40	ng		0.00
34) Perylene-d12	23.935	264	31095	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.528	112	4849	0.32	ng		0.00
5) Phenol-d6	7.102	99	6428	0.29	ng		0.00
8) Nitrobenzene-d5	9.077	82	4492	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.307	152	9714	0.29	ng		0.00
14) 2,4,6-Tribromophenol	16.030	330	630	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	13047	0.34	ng		0.00
25) Fluoranthene-d10	19.289	212	84517	0.36	ng		0.00
29) Terphenyl-d14	19.873	244	15514	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	3698	0.35	ng	#	57
3) n-Nitrosodimethylamine	3.765	42	2006	0.38	ng	#	88
6) bis(2-Chloroethyl)ether	7.353	93	5206	0.31	ng	#	96
9) Naphthalene	10.773	128	69241	0.31	ng	#	73
10) Hexachlorobutadiene	11.075	225	2637	0.31	ng		99
12) 2-Methylnaphthalene	12.379	142	11025	0.30	ng		95
16) Acenaphthylene	14.259	152	12983	0.31	ng	#	87
17) Acenaphthene	14.599	154	9516	0.31	ng		99
18) Fluorene	15.577	166	12070	0.29	ng	#	88
20) 4-Bromophenyl-phenylether	16.454	248	4780	0.45	ng	#	6
21) Hexachlorobenzene	16.584	284	4424	0.39	ng	#	100
22) Pentachlorophenol	16.910	266	1330	0.86	ng	#	77
23) Phenanthrene	17.301	178	24493	0.35	ng		97
24) Anthracene	17.301	178	25623	0.59	ng		97
26) Fluoranthene	19.318	202	24753	0.37	ng		99
28) Pyrene	19.673	202	25407	0.27	ng	#	98
30) Benzo(a)anthracene	21.404	228	29472	0.33	ng		94
31) Chrysene	21.460	228	30148	0.32	ng		94
32) Bis(2-ethylhexyl)phtha...	21.327	149	30862	0.24	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.582	276	33532	0.41	ng		94
35) Benzo(b)fluoranthene	23.161	252	32039	0.32	ng	#	96
36) Benzo(k)fluoranthene	23.211	252	31480	0.32	ng		95
37) Benzo(a)pyrene	23.821	252	29140	0.33	ng	#	94
38) Dibenzo(a,h)anthracene	26.605	278	28553	0.33	ng	#	91
39) Benzo(g,h,i)perylene	27.398	276	28729	0.33	ng		92

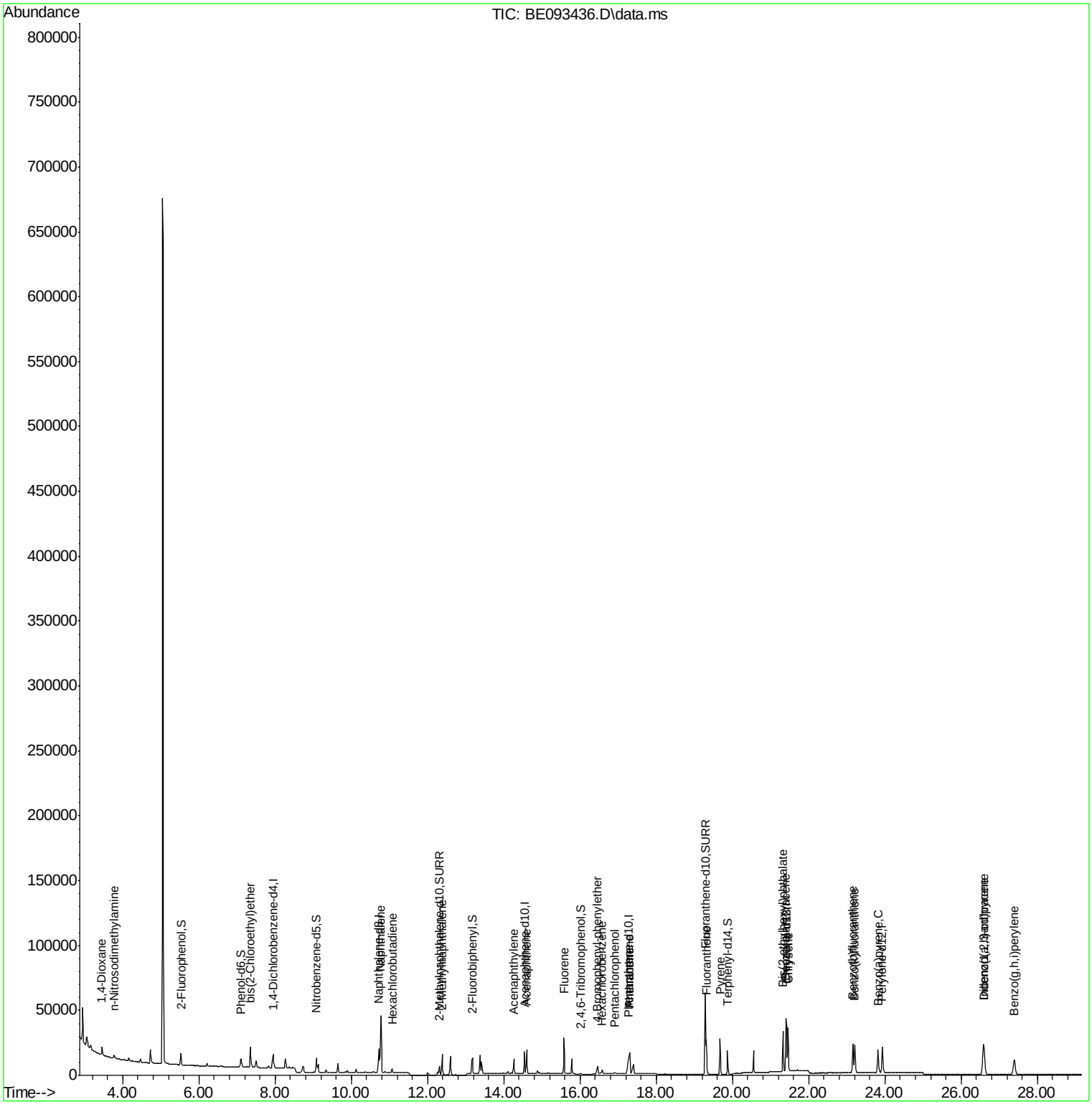
(#) = qualifier out of range (m) = manual integration (+) = signals summed

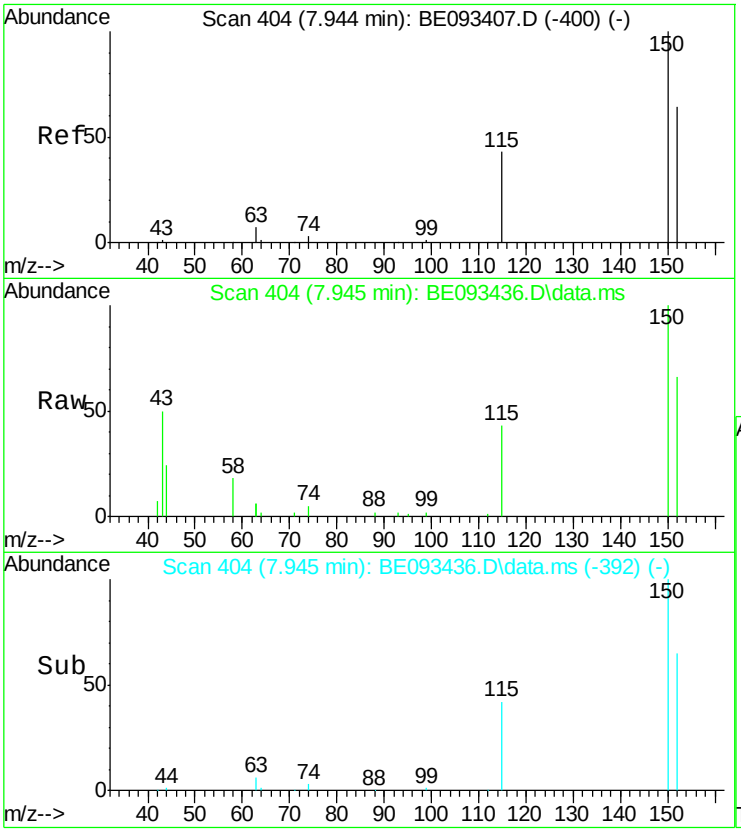
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093436.D
Acq On : 7 Jul 2017 10:47
Operator : SJ/JU
Sample : PB100424BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Quant Time: Jul 07 18:06:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



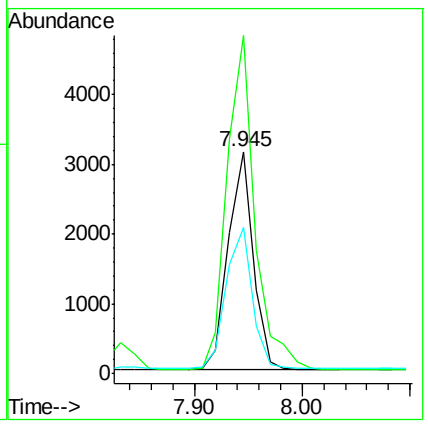


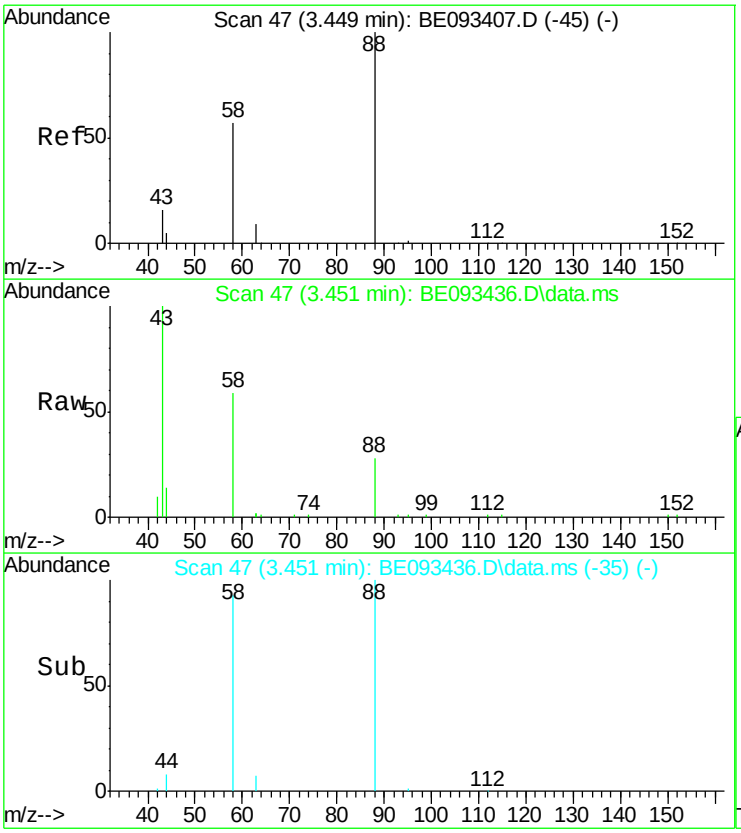
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.945 min Scan# 40
Delta R.T. 0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:152 Resp: 5047

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.1	187.7
115	65.5	55.7	83.5

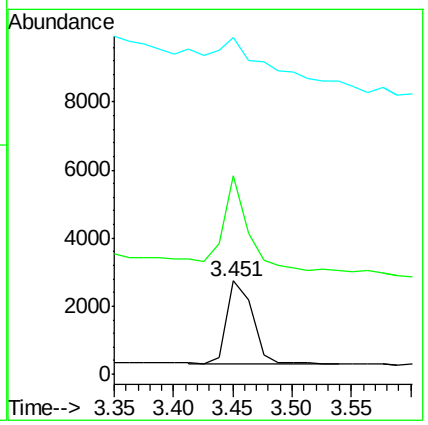


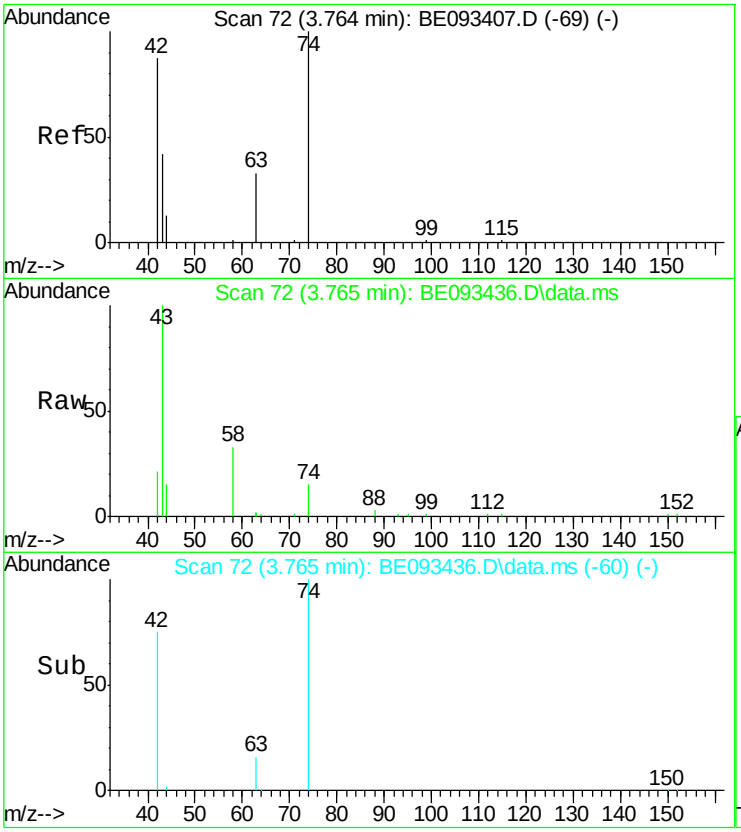


#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.451 min Scan# 47
Delta R.T. 0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion: 88 Resp: 3698

Ion	Ratio	Lower	Upper
88	100		
58	111.1	62.2	93.4#
43	0.0	23.2	34.8#



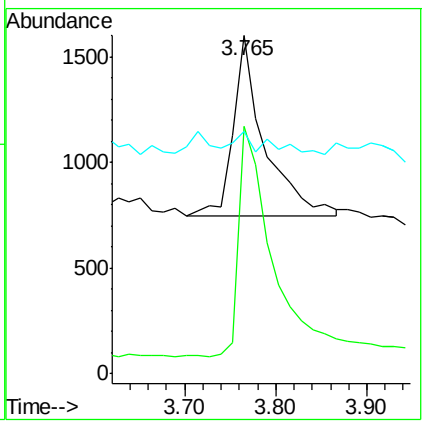


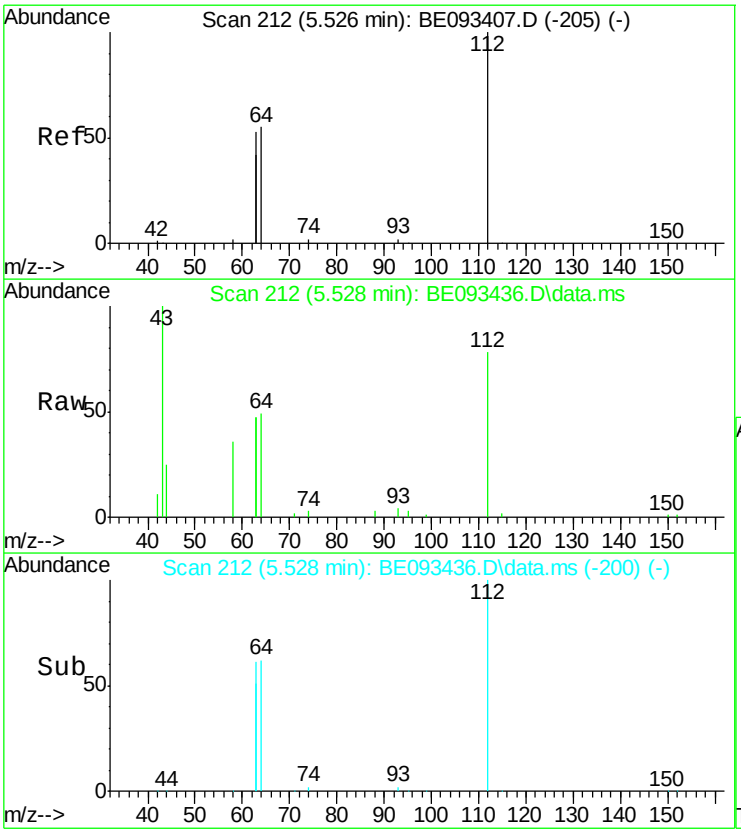
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.765 min Scan# 72
Delta R.T. 0.002 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion: 42 Resp: 2006

Ion	Ratio	Lower	Upper
42	100		
74	138.1	99.1	148.7
44	13.2	7.4	11.2#

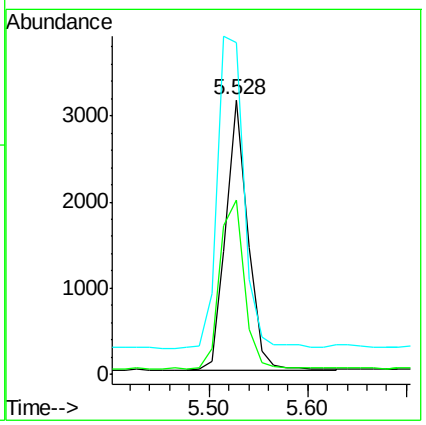


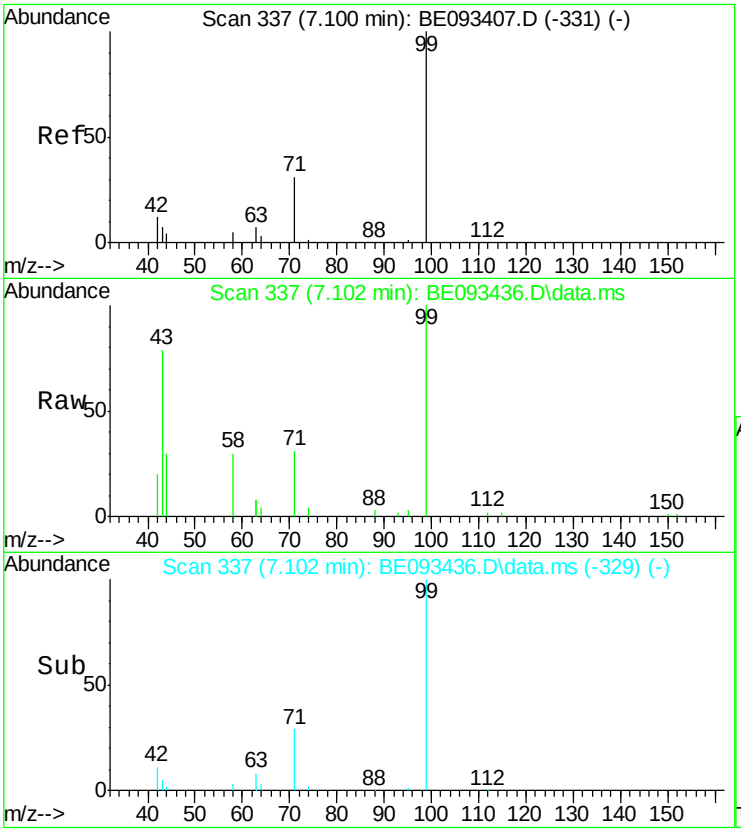


#4
2-Fluorophenol
Concen: 0.32 ng
RT: 5.528 min Scan# 212
Delta R.T. 0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:112 Resp: 4849

Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.4	84.6
63	139.3	29.3	43.9#



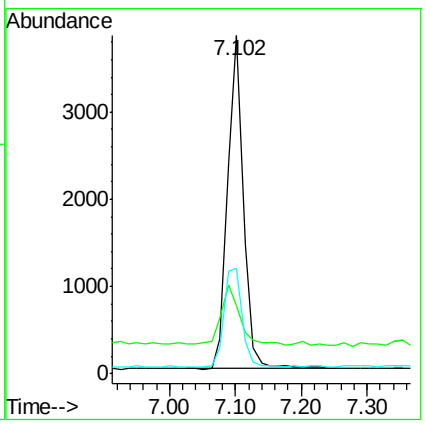


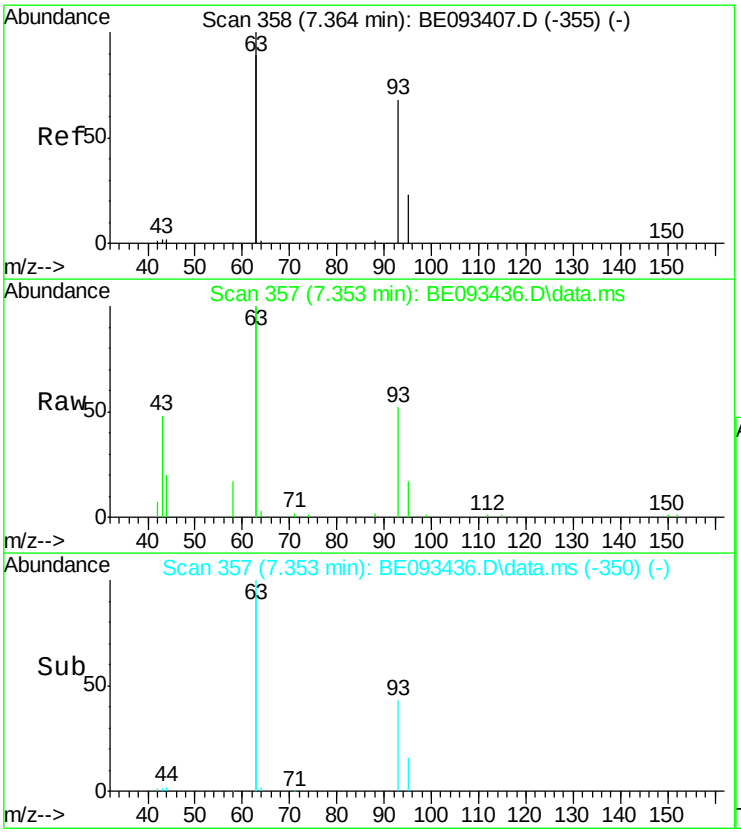
#5
Phenol-d6
Concen: 0.29 ng
RT: 7.102 min Scan# 33
Delta R.T. 0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion: 99 Resp: 6428

Ion	Ratio	Lower	Upper
99	100		
42	21.0	0.0	0.0#
71	33.6	0.0	0.0#

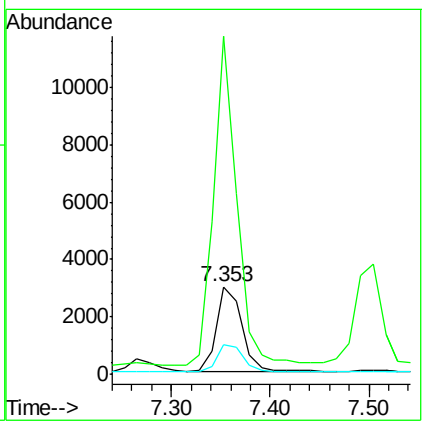


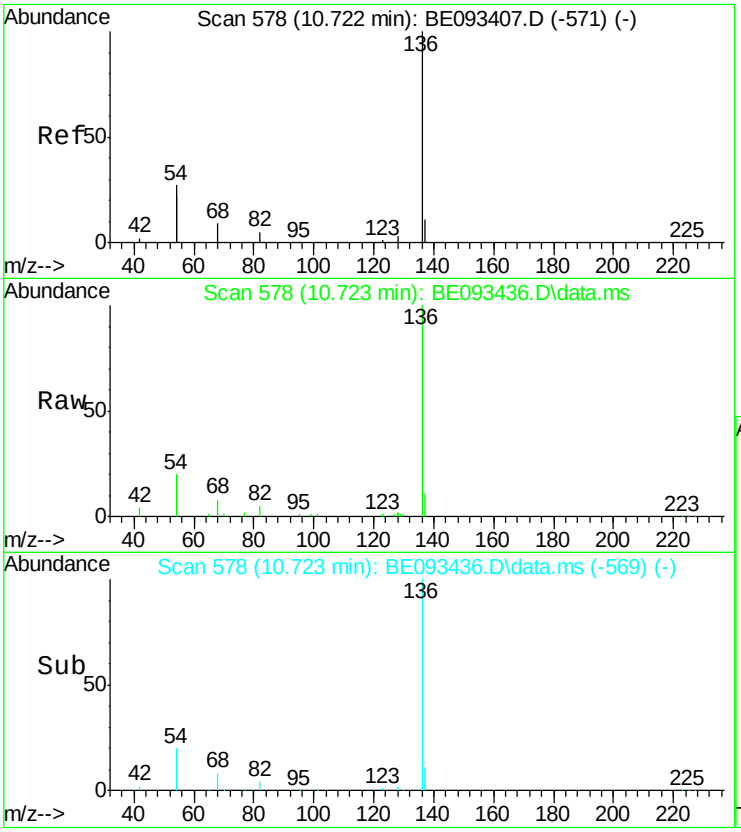


#6
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 7.353 min Scan# 357
Delta R.T. -0.011 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion: 93 Resp: 5206

Ion	Ratio	Lower	Upper
93	100		
63	361.3	0.0	0.0#
95	33.8	25.4	38.0



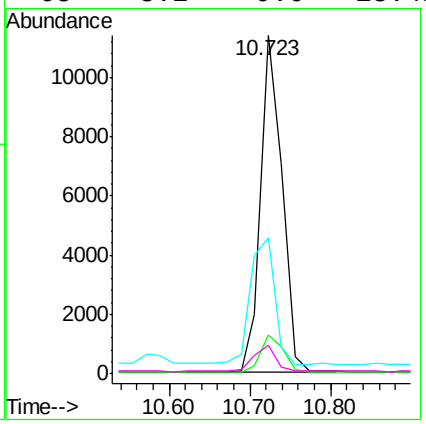


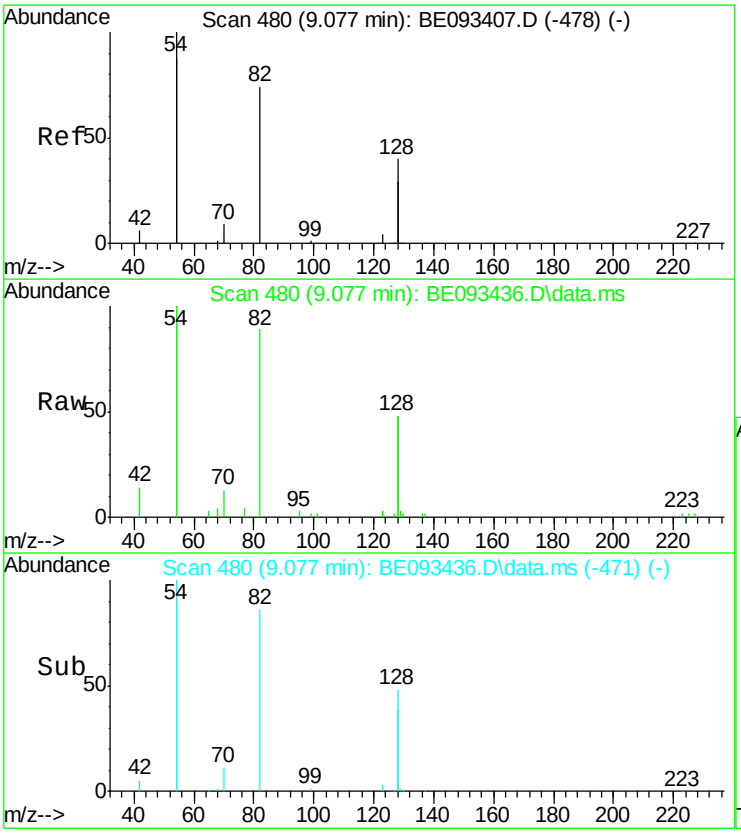
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.723 min Scan# 57
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:136 Resp: 21167

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	40.4	10.3	15.5#
68	8.2	9.0	13.4#

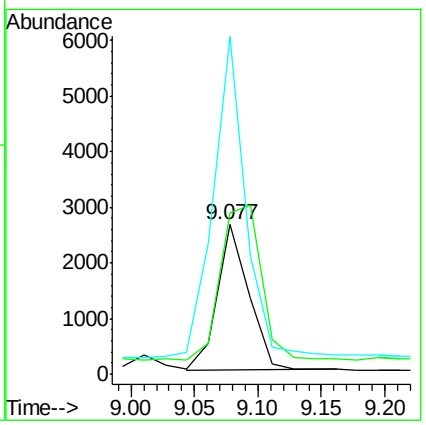


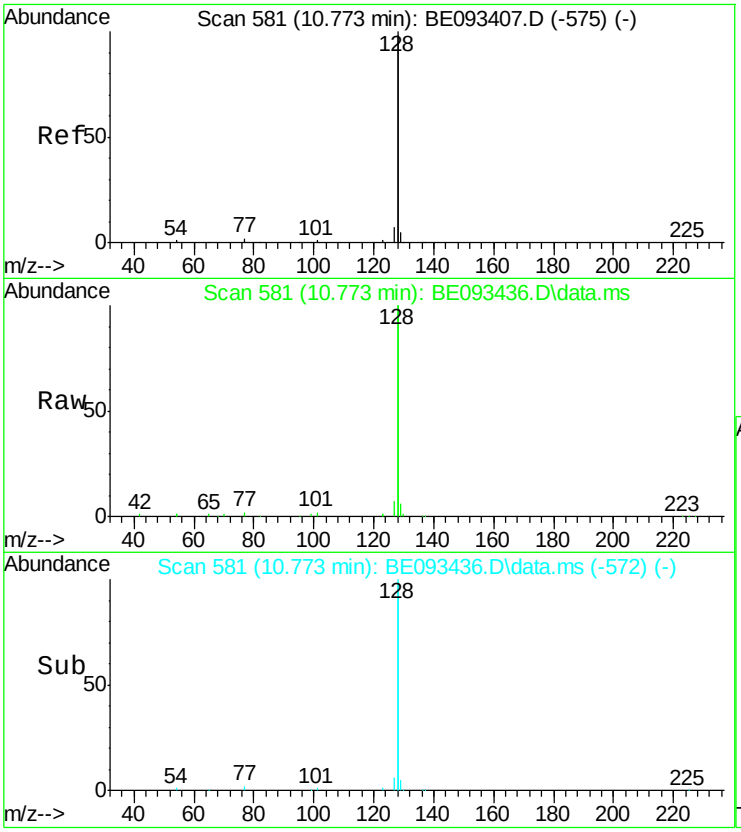


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 9.077 min Scan# 480
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion: 82 Resp: 4492

Ion	Ratio	Lower	Upper
82	100		
128	107.7	17.0	25.4#
54	226.0	53.8	80.6#



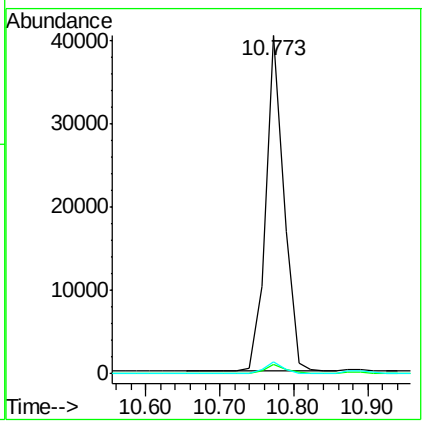


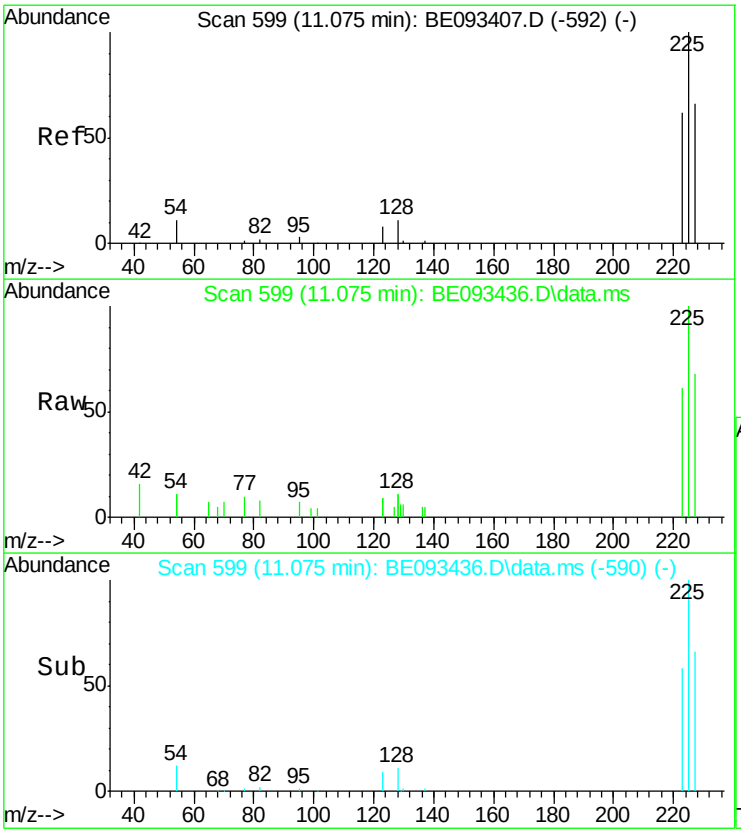
#9
Naphthalene
Concen: 0.31 ng
RT: 10.773 min Scan# 58
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:128 Resp: 69241

Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.4	11.2	16.8#

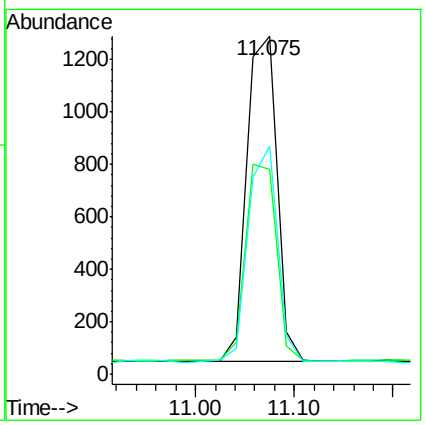


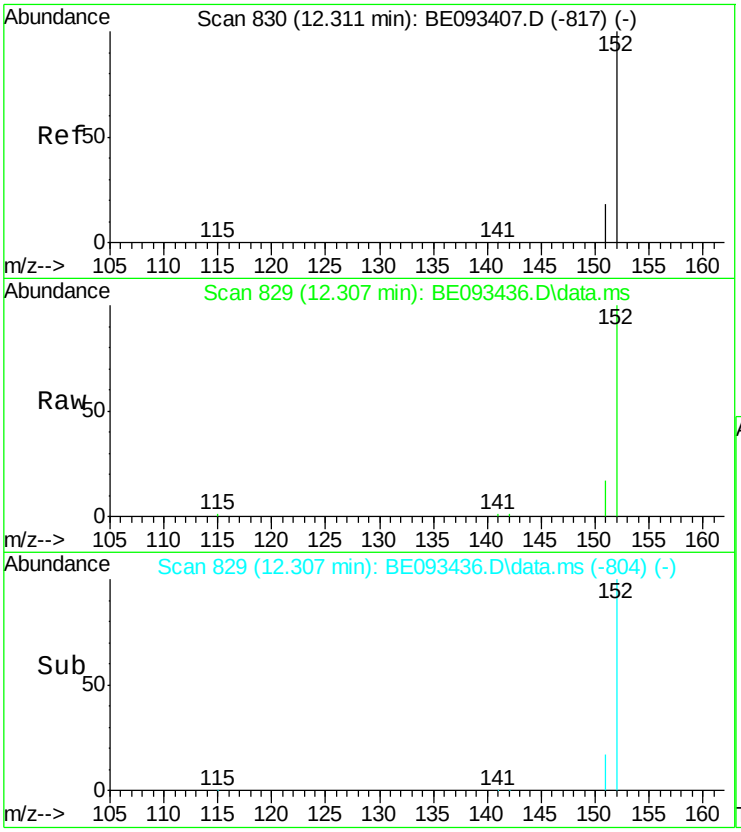


#10
Hexachlorobutadiene
Concen: 0.31 ng
RT: 11.075 min Scan# 599
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:225 Resp: 2637

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	64.8	50.3	75.5



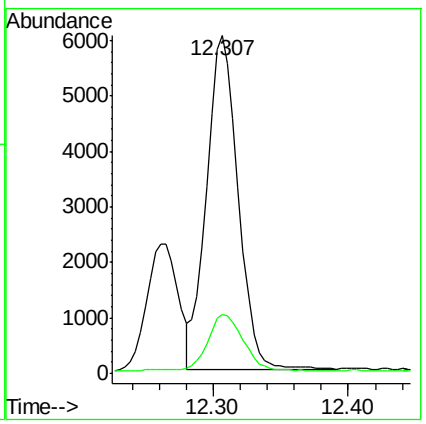


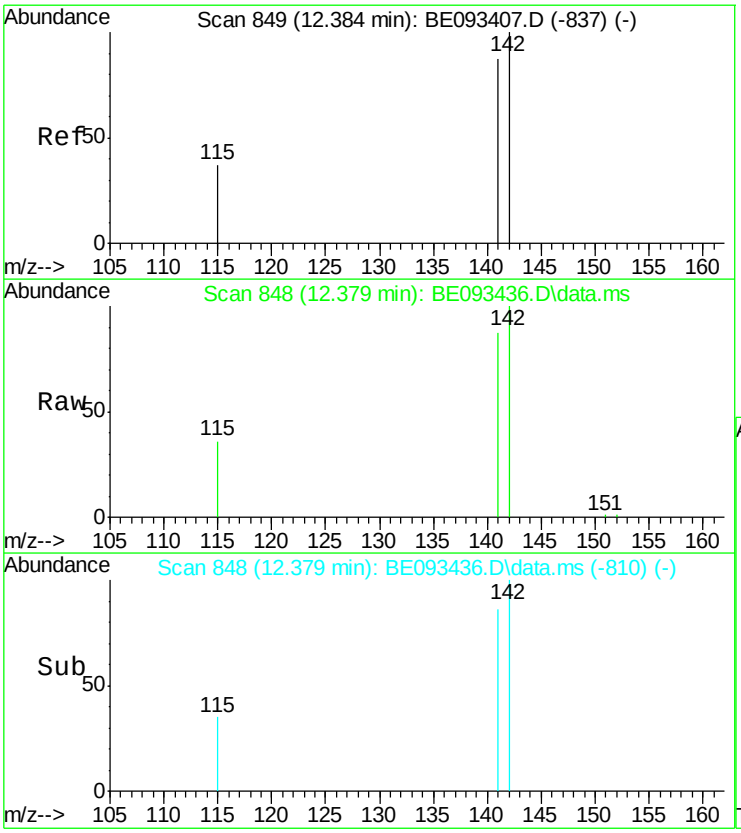
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.307 min Scan# 82
Delta R.T. -0.004 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:152 Resp: 9714

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.1	22.7

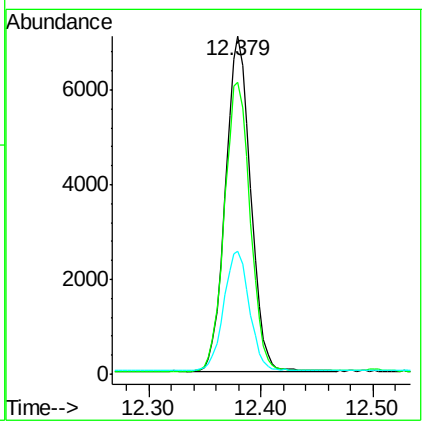


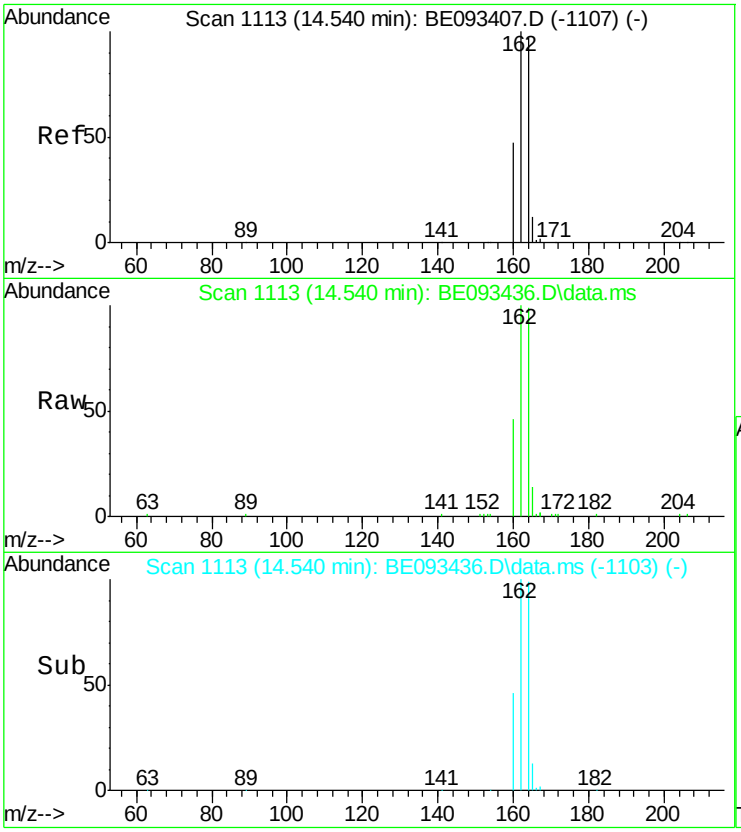


#12
2-Methylnaphthalene
Concen: 0.30 ng
RT: 12.379 min Scan# 848
Delta R.T. -0.004 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:142 Resp: 11025

Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.6	108.8
115	36.3	32.2	48.2



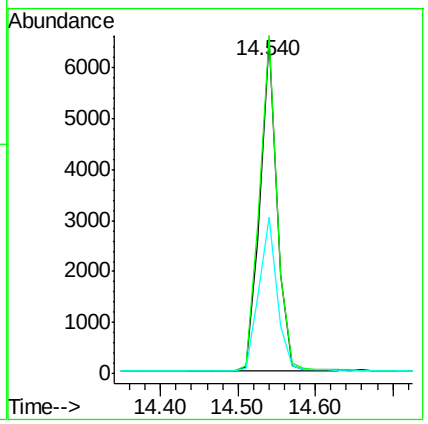


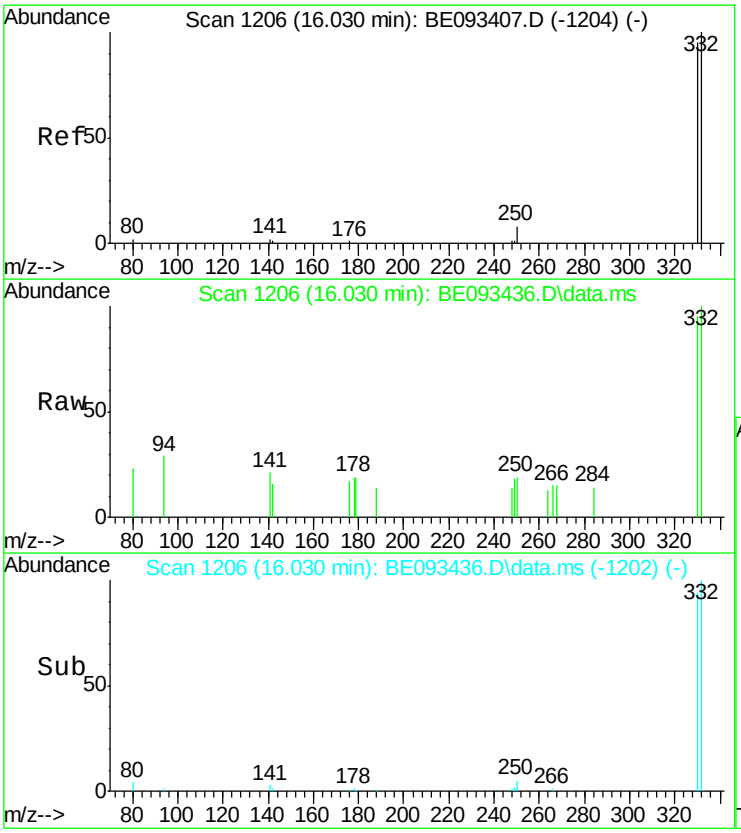
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.540 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:164 Resp: 9990

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.6	127.0
160	46.9	41.8	62.6

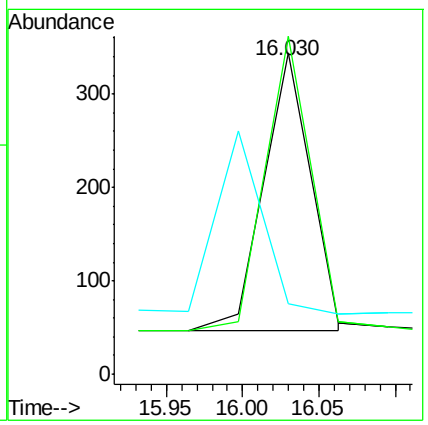


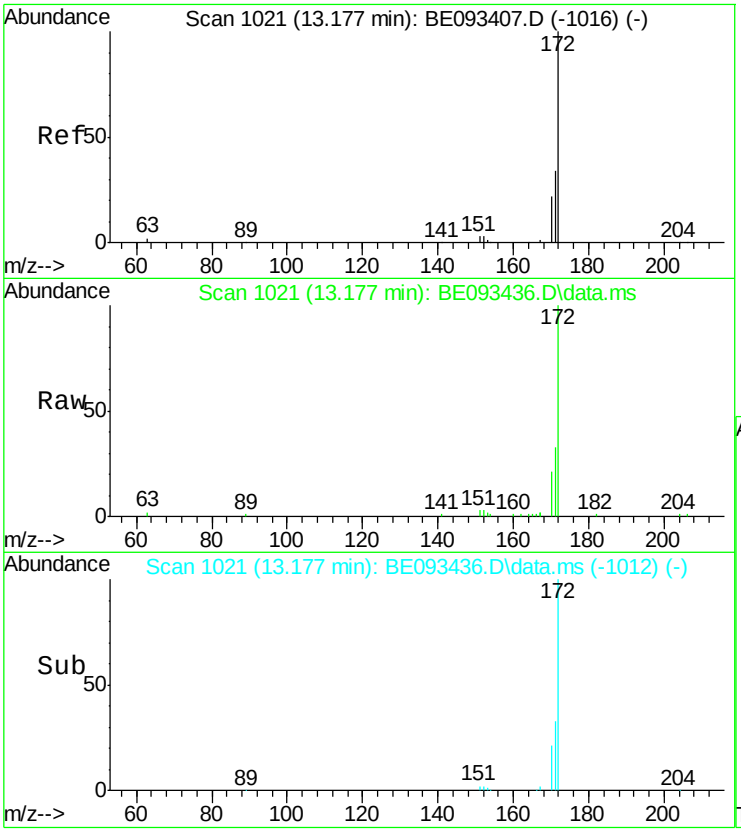


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 16.030 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:330 Resp: 630

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.7	116.5
141	0.0	56.2	84.4#



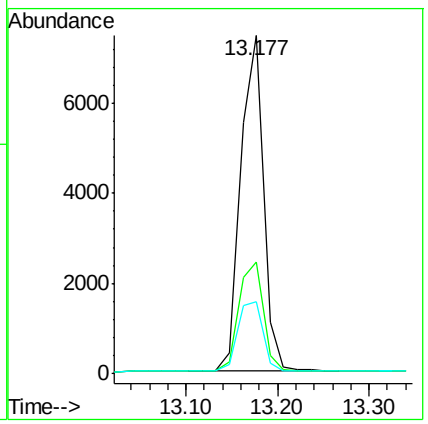


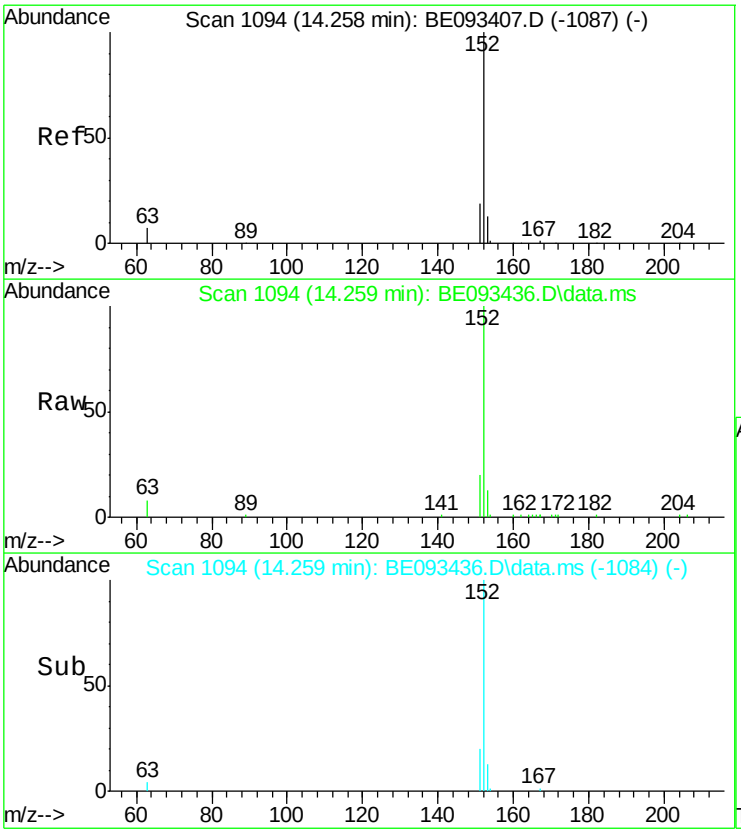
#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:172 Resp: 13047

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.8	44.6
170	21.3	20.7	31.1

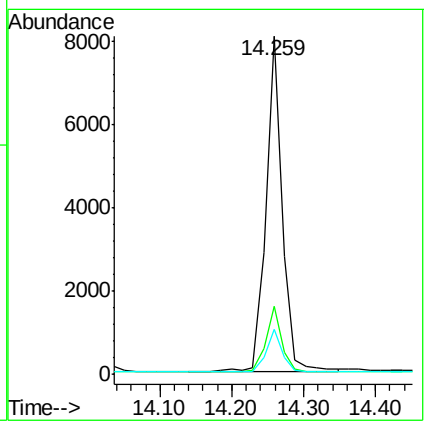


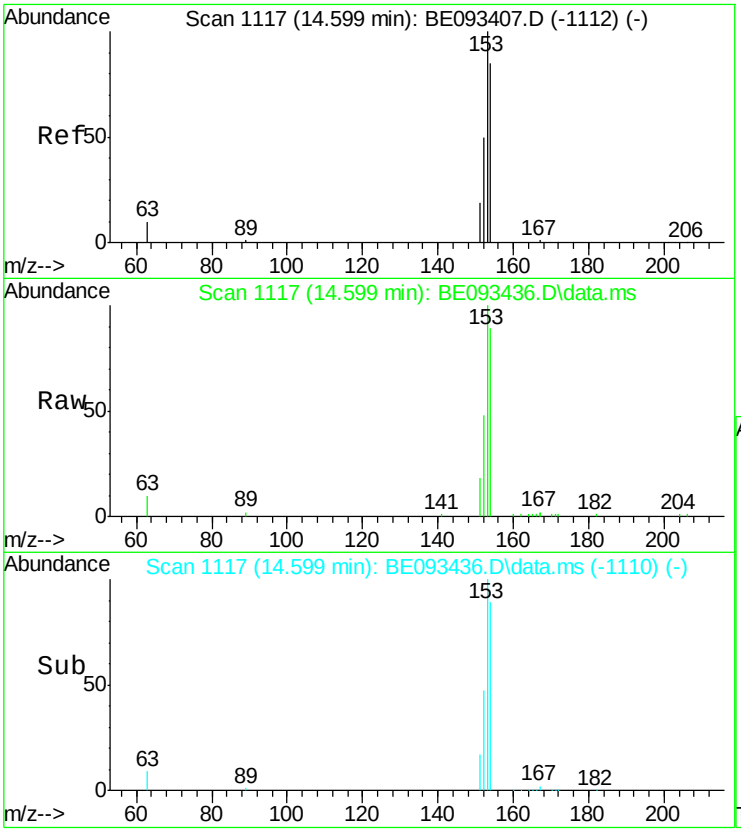


#16
Acenaphthylene
Concen: 0.31 ng
RT: 14.259 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:152 Resp: 12983

Ion	Ratio	Lower	Upper
152	100		
151	19.1	4.0	6.0#
153	12.5	10.3	15.5



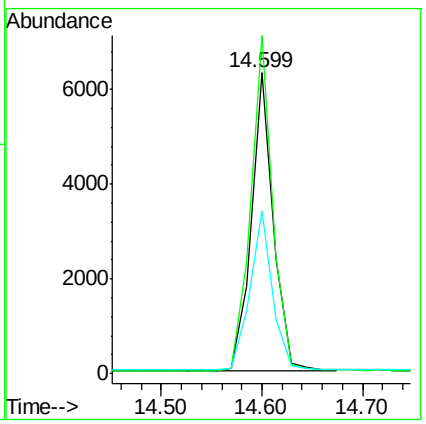


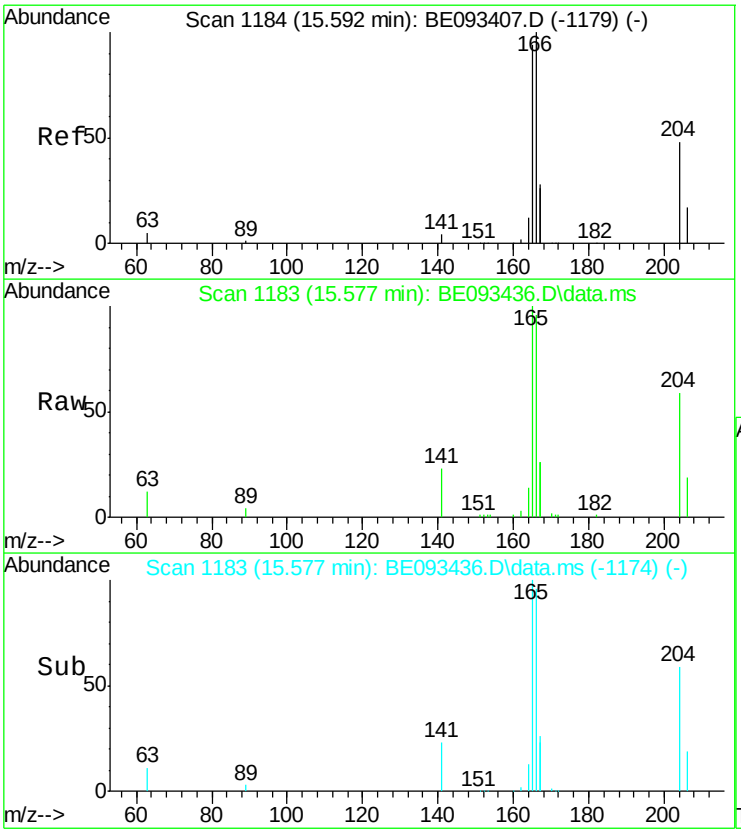
#17
Acenaphthene
Concen: 0.31 ng
RT: 14.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:154 Resp: 9516

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.5	44.8	67.2

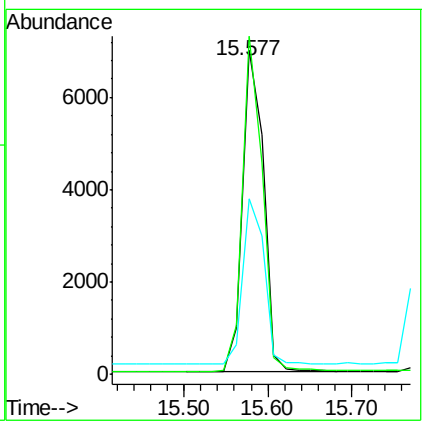


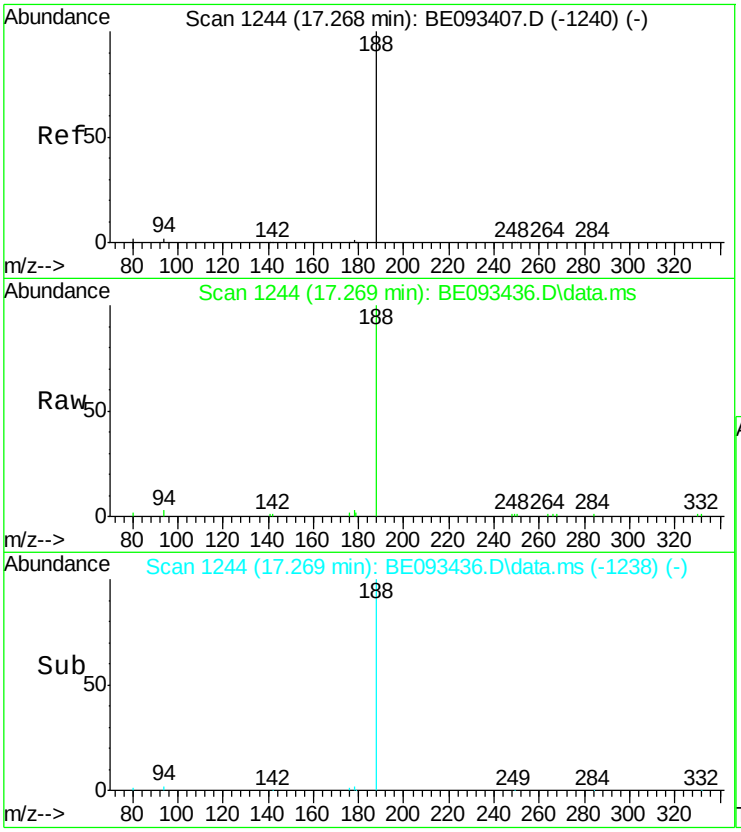


#18
Fluorene
Concen: 0.29 ng
RT: 15.577 min Scan# 1183
Delta R.T. -0.014 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:166 Resp: 12070

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	52.4	11.1	16.7#



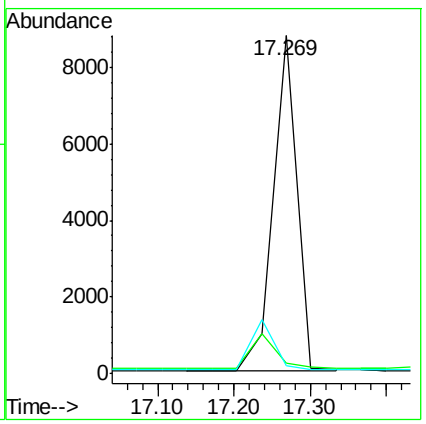


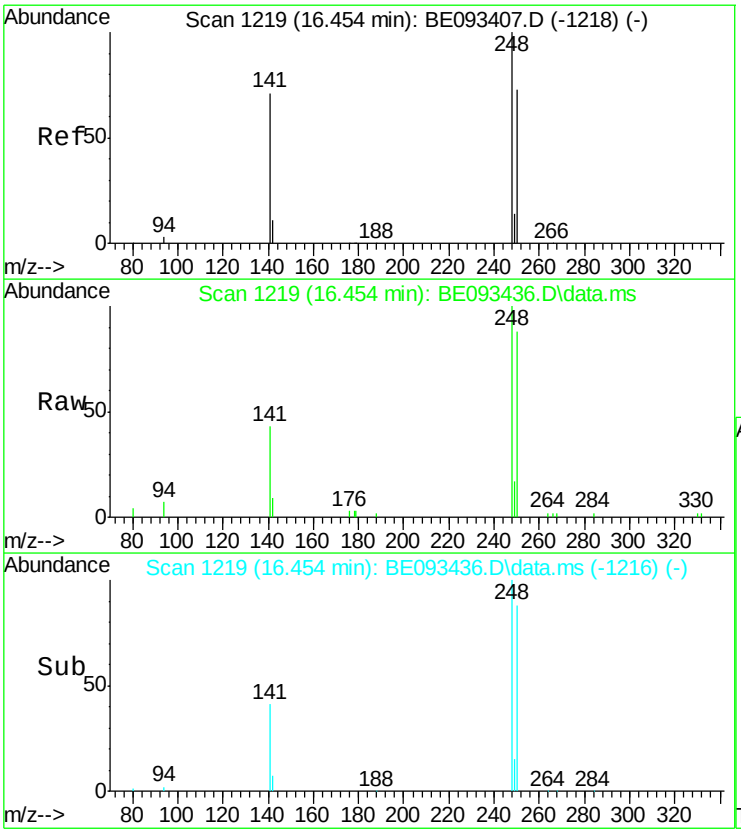
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.269 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:188 Resp: 19351

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

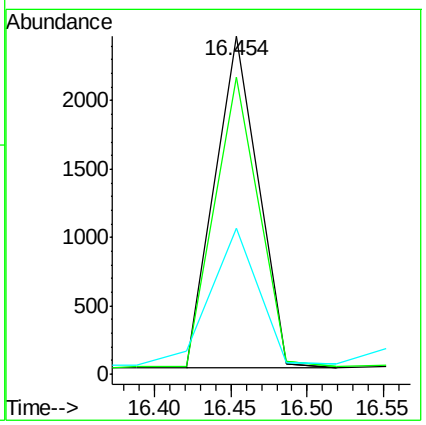


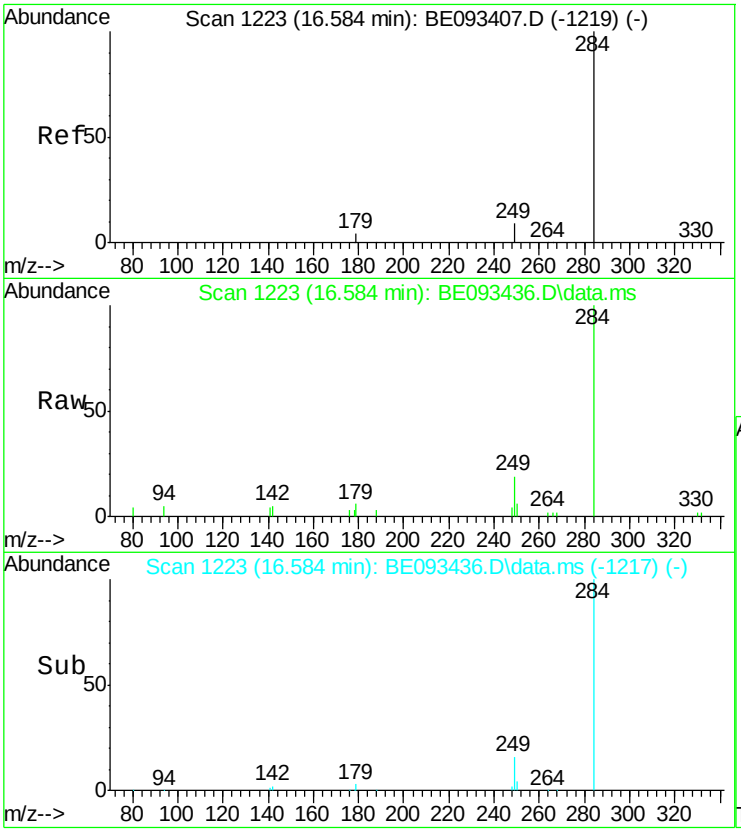


#20
4-Bromophenyl-phenylether
Concen: 0.45 ng
RT: 16.454 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:248 Resp: 4780

Ion	Ratio	Lower	Upper
248	100		
250	87.9	40.8	61.2#
141	43.2	161.6	242.4#



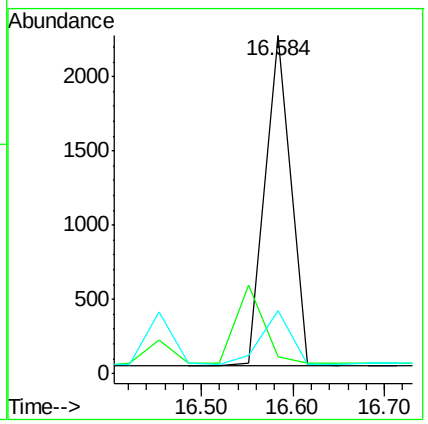


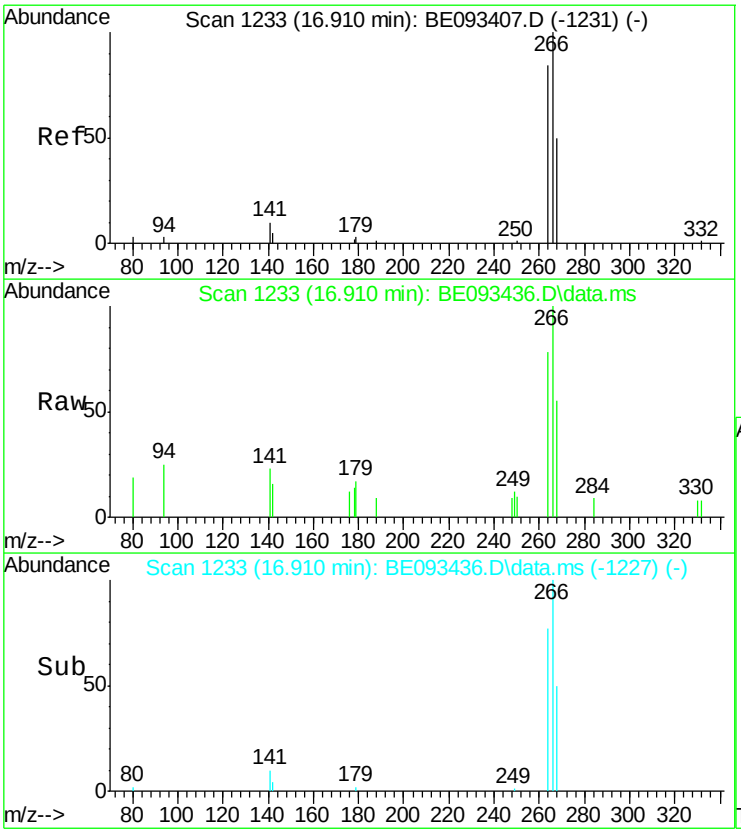
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.584 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:284 Resp: 4424

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	18.6	0.0	0.0#

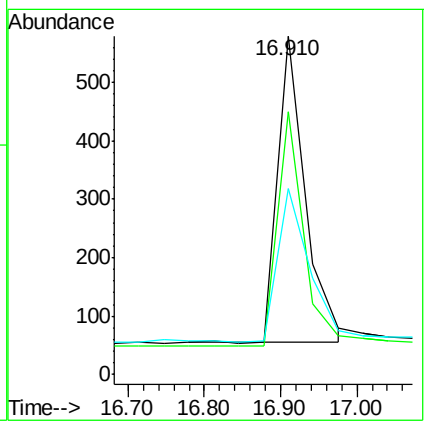


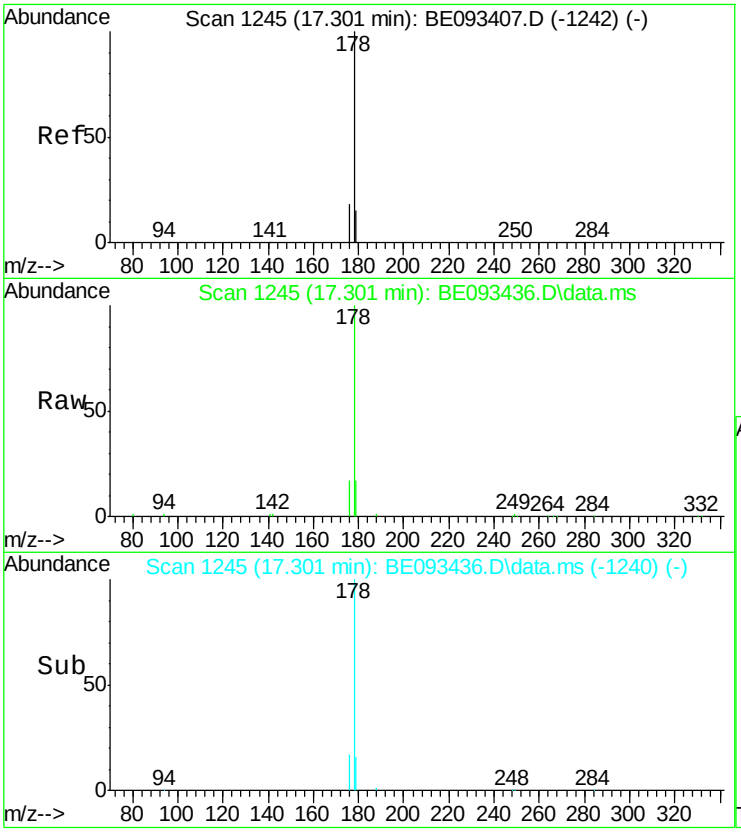


#22
Pentachlorophenol
Concen: 0.86 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:266 Resp: 1330

Ion	Ratio	Lower	Upper
266	100		
264	77.7	58.2	87.2
268	54.9	71.9	107.9#



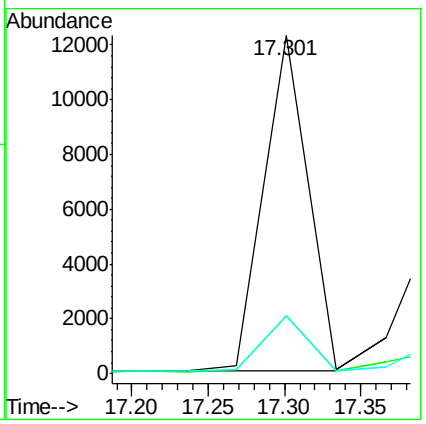


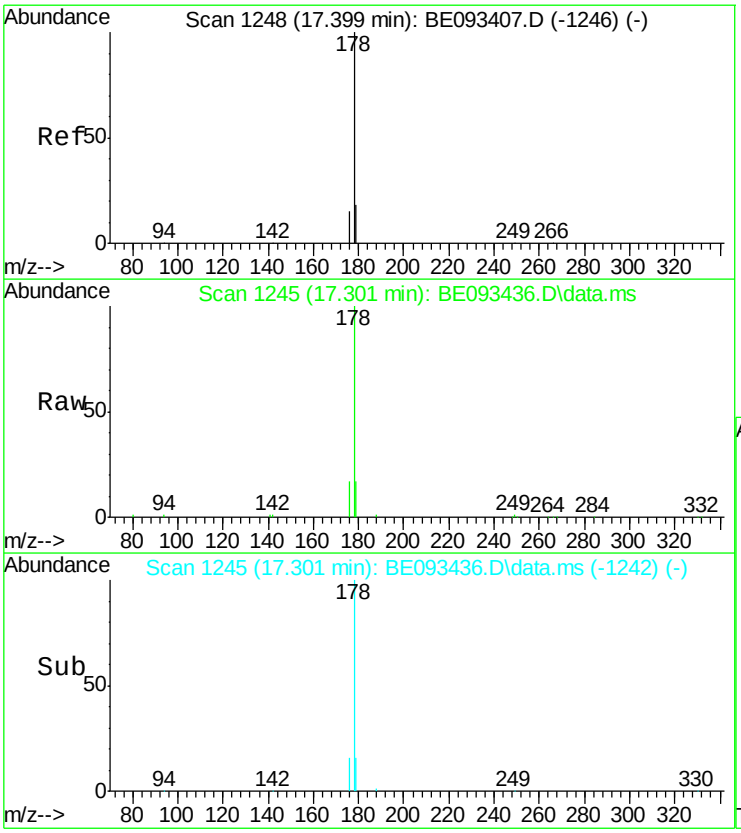
#23
Phenanthrene
Concen: 0.35 ng
RT: 17.301 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:178 Resp: 24493

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.0	22.4
179	16.6	12.7	19.1

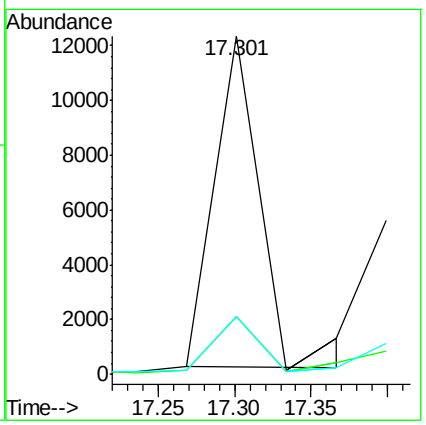


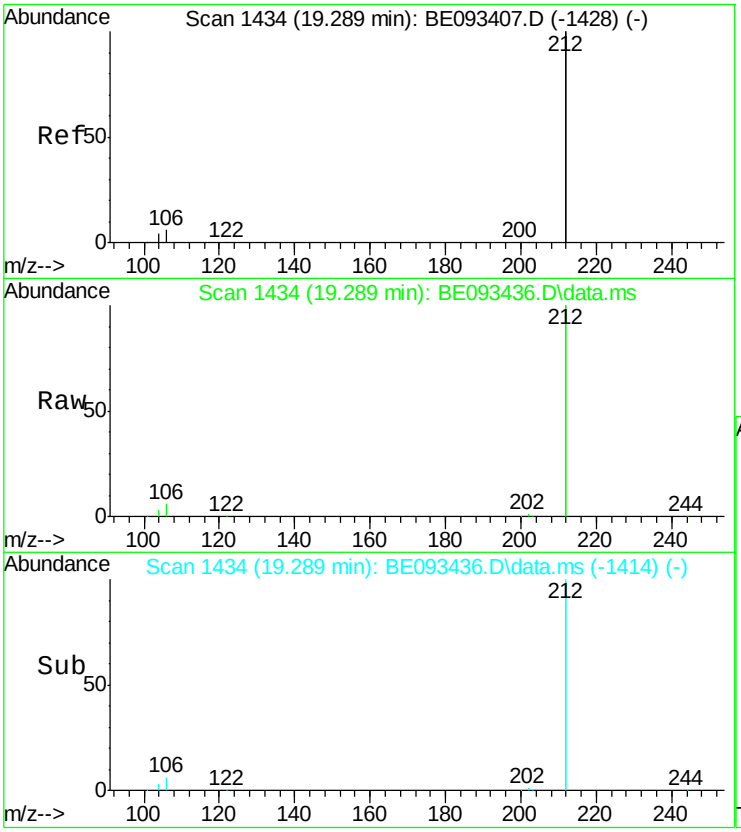


#24
Anthracene
Concen: 0.59 ng
RT: 17.301 min Scan# 1245
Delta R.T. -0.098 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:178 Resp: 25623

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.6	22.0
179	15.8	12.0	18.0



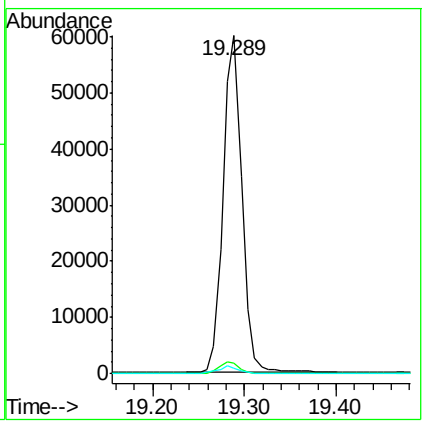


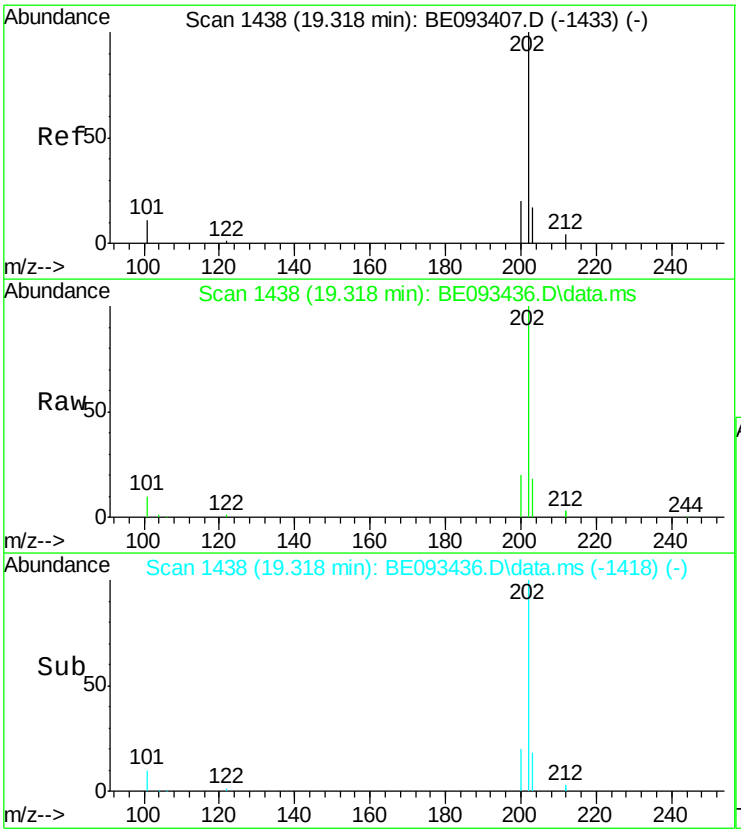
#25
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.289 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:212 Resp: 84517

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

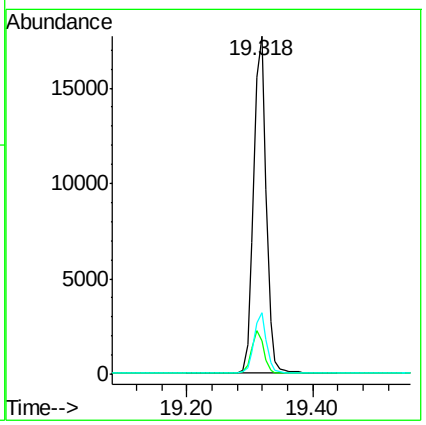


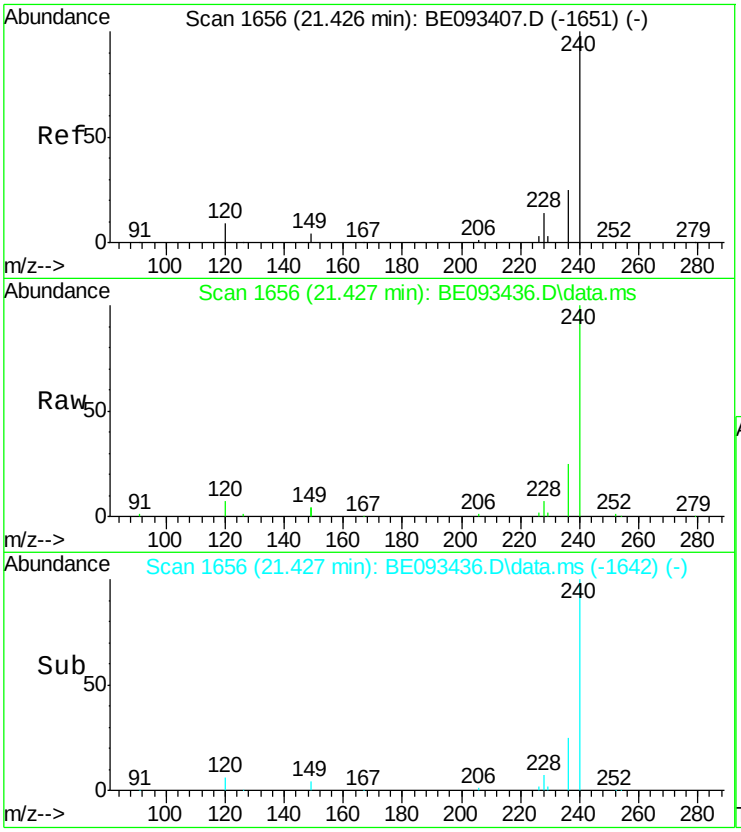


#26
Fluoranthene
Concen: 0.37 ng
RT: 19.318 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:202 Resp: 24753

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.1	14.4	21.6



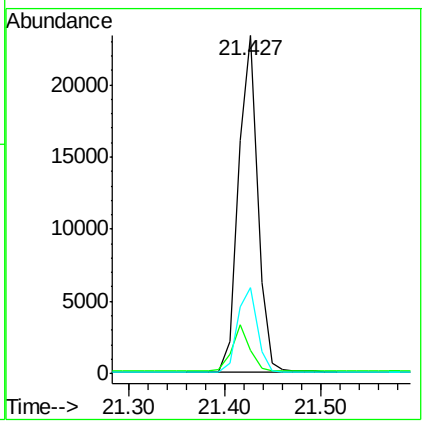


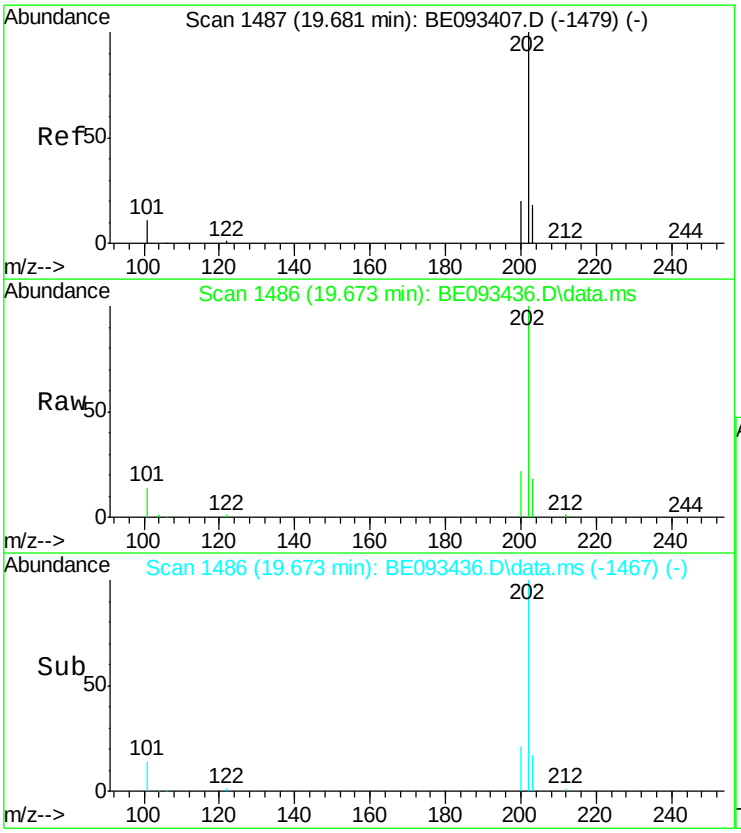
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.427 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:240 Resp: 32879

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.6	7.0
236	25.4	20.8	31.2

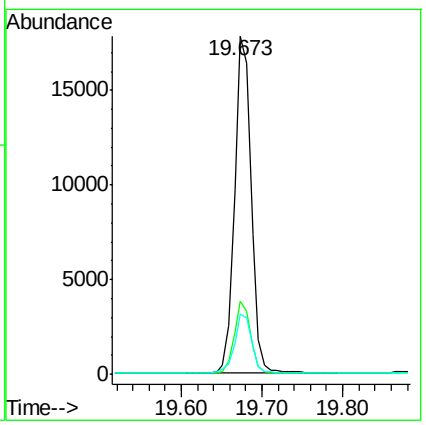


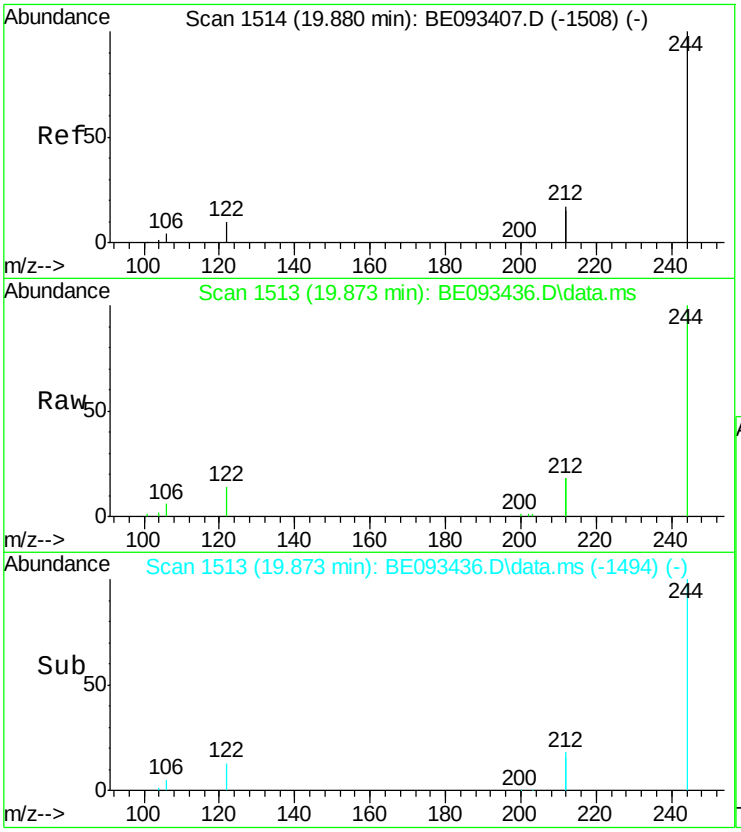


#28
Pyrene
Concen: 0.27 ng
RT: 19.673 min Scan# 1486
Delta R.T. -0.007 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:202 Resp: 25407

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	18.0	13.7	20.5



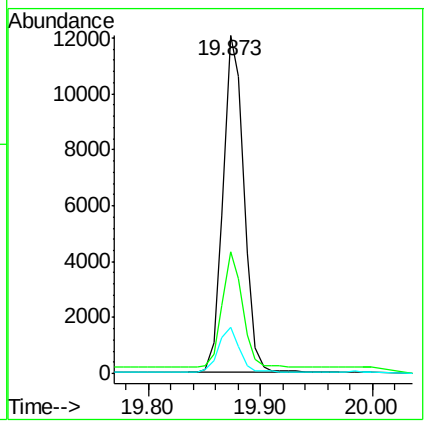


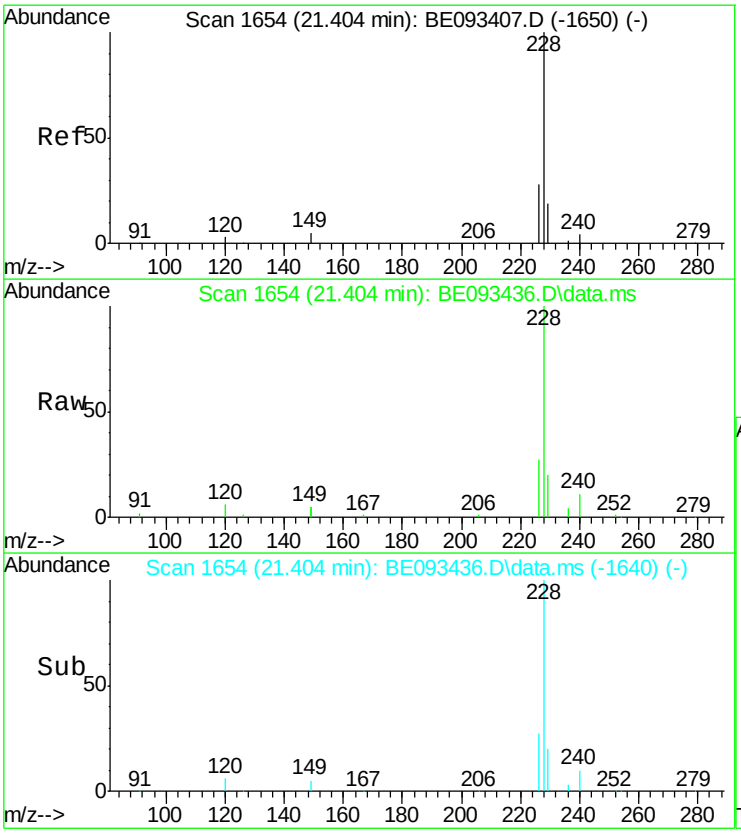
#29
Terphenyl-d14
Concen: 0.26 ng
RT: 19.873 min Scan# 15
Delta R.T. -0.007 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:244 Resp: 15514

Ion	Ratio	Lower	Upper
244	100		
212	36.1	10.6	16.0#
122	13.8	15.4	23.0#

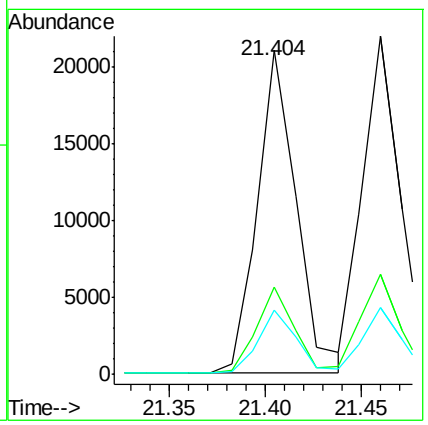


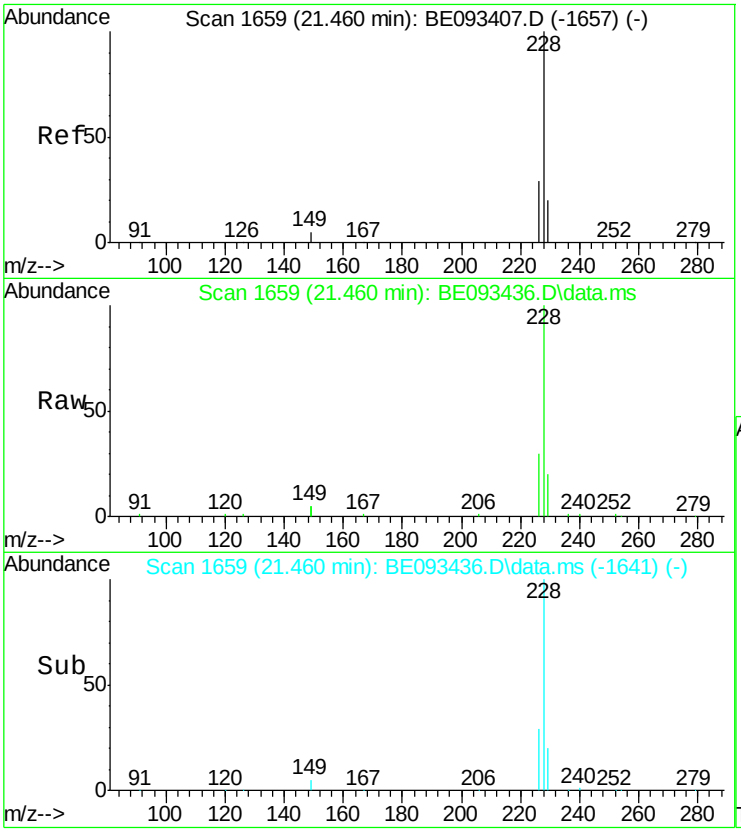


#30
Benzo(a)anthracene
Concen: 0.33 ng
RT: 21.404 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:228 Resp: 29472

Ion	Ratio	Lower	Upper
228	100		
226	26.8	19.7	29.5
229	19.8	19.2	28.8



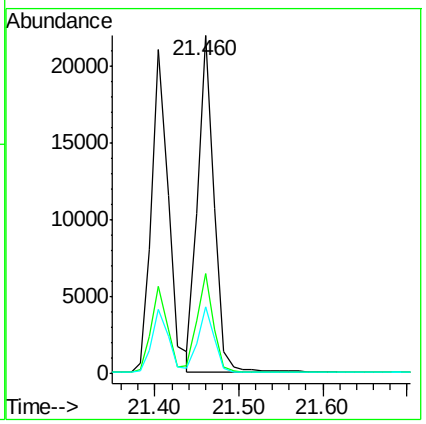


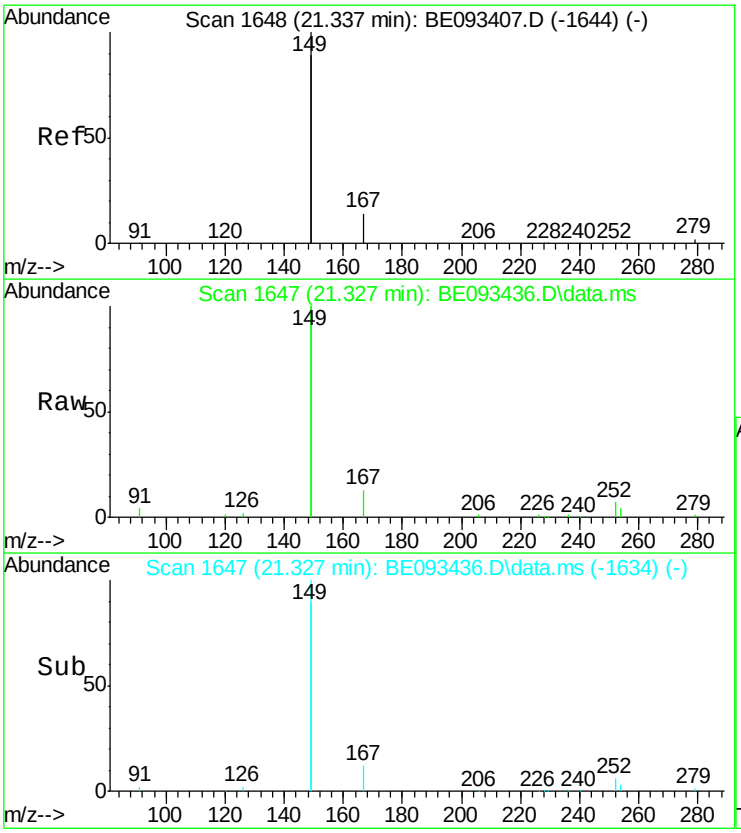
#31
Chrysene
Concen: 0.32 ng
RT: 21.460 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:228 Resp: 30148

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.5	32.3
229	19.8	18.6	28.0

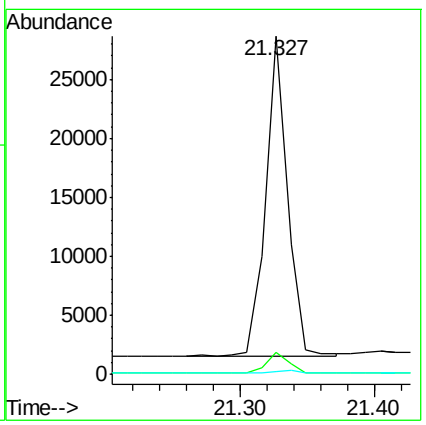


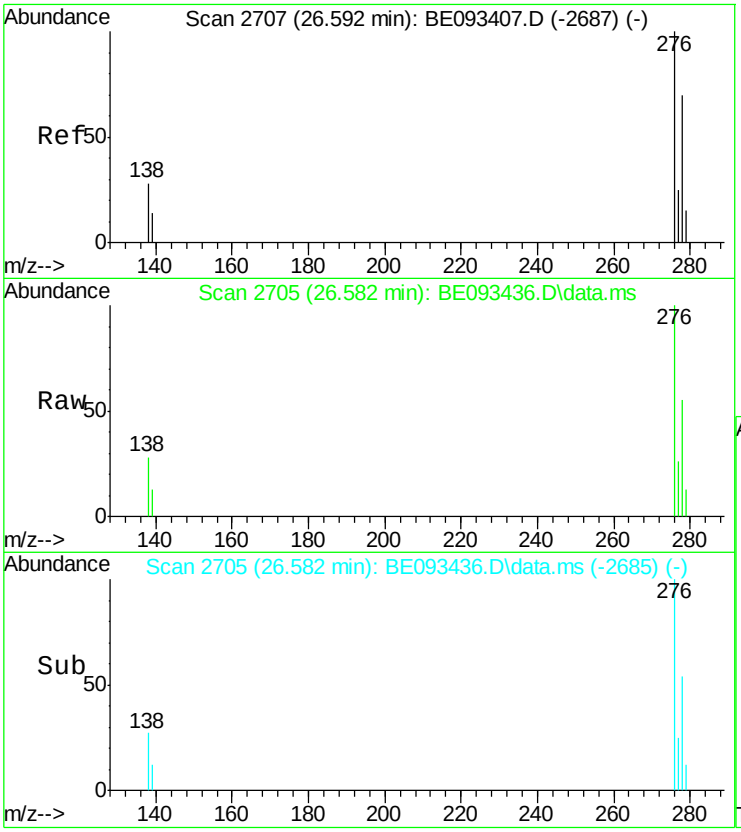


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.327 min Scan# 1647
Delta R.T. -0.011 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:149 Resp: 30862

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#



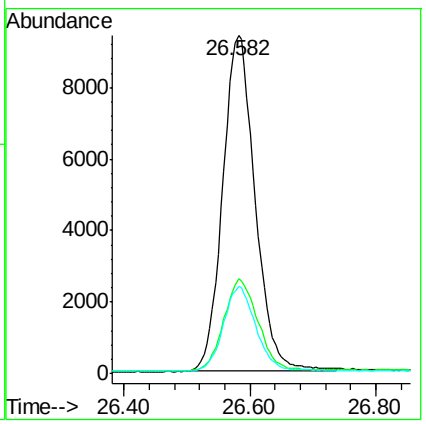


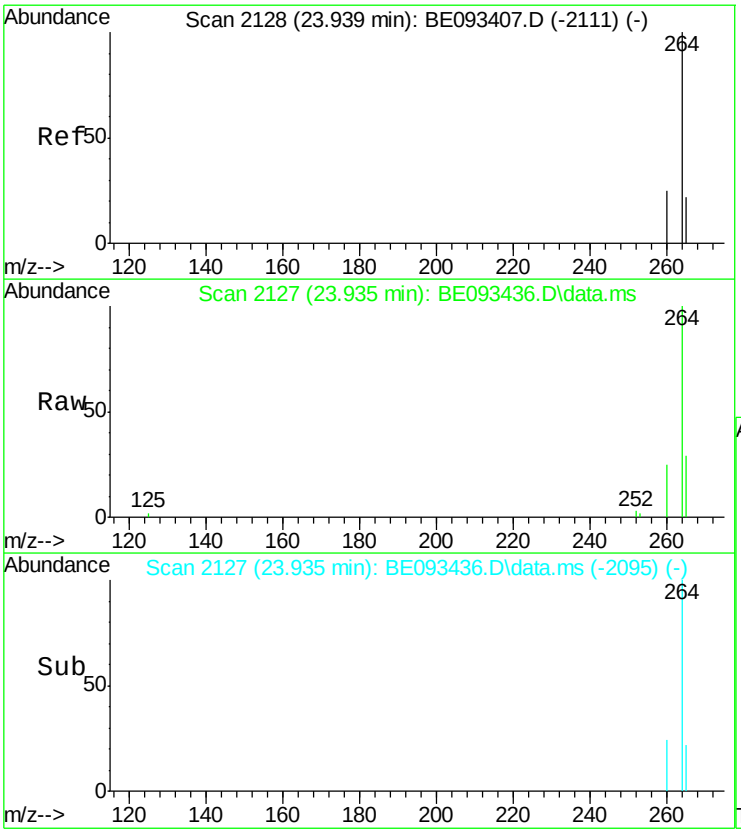
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.582 min Scan# 27
Delta R.T. -0.010 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:276 Resp: 33532

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.4	41.2
277	24.9	20.1	30.1

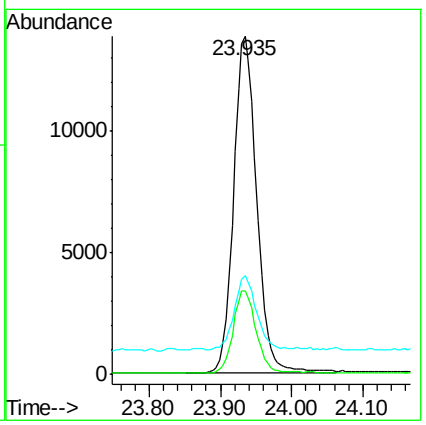


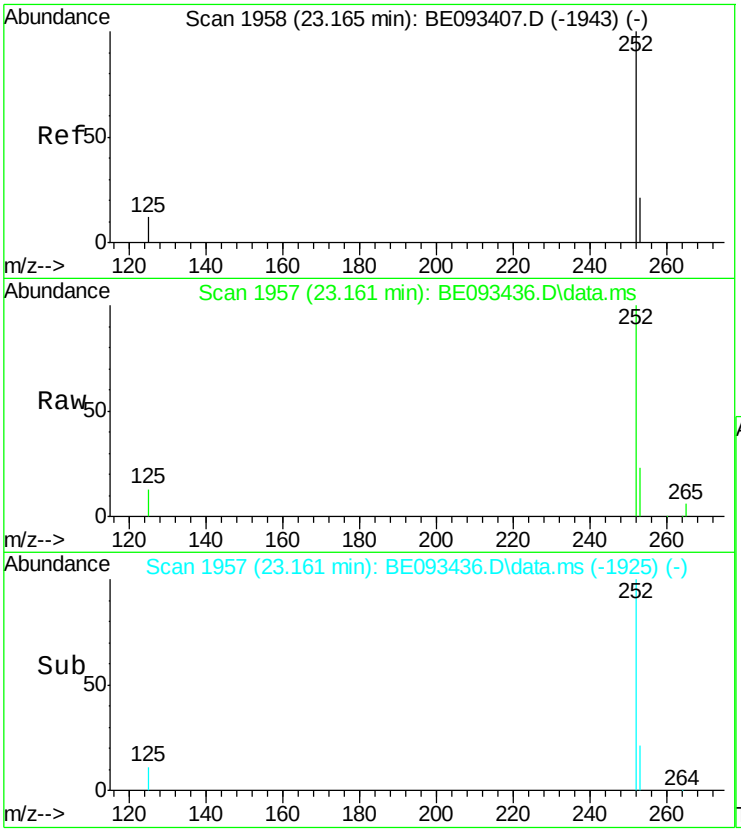


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.935 min Scan# 2127
Delta R.T. -0.004 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:264 Resp: 31095

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.0	31.4
265	29.0	24.6	36.8



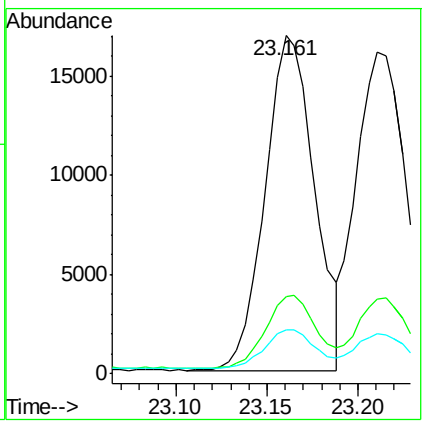


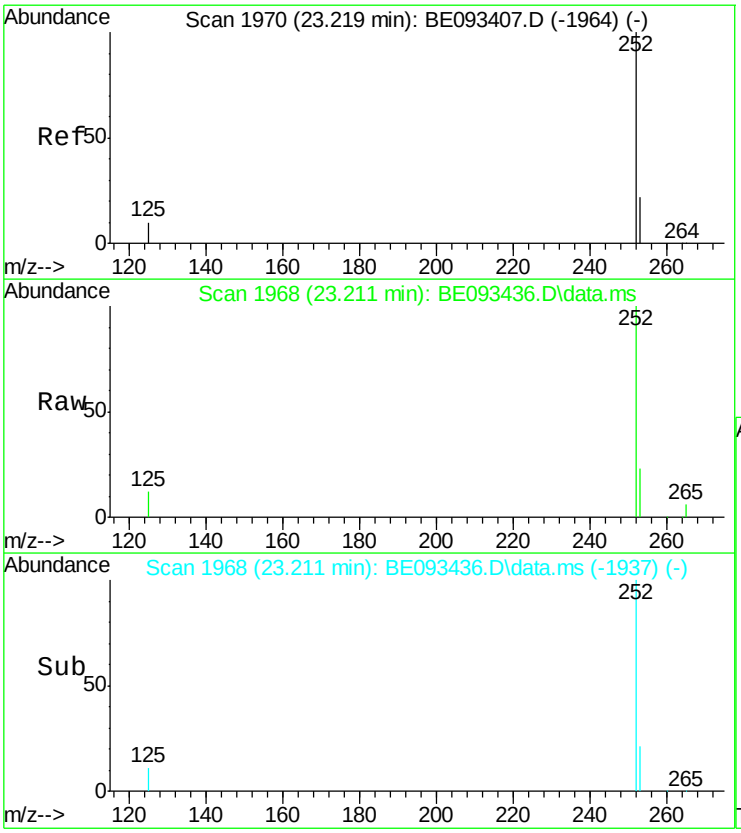
#35
Benzo(b)fluoranthene
Concen: 0.32 ng
RT: 23.161 min Scan# 19
Delta R.T. -0.004 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:252 Resp: 32039

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	13.0	13.4	20.0#

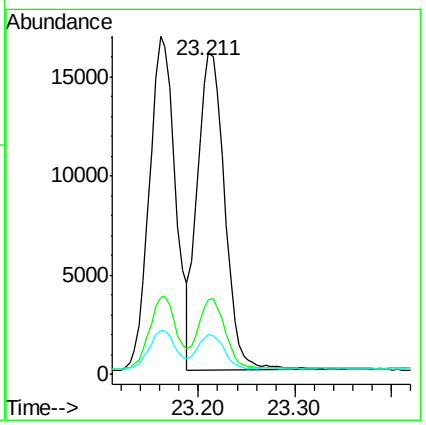


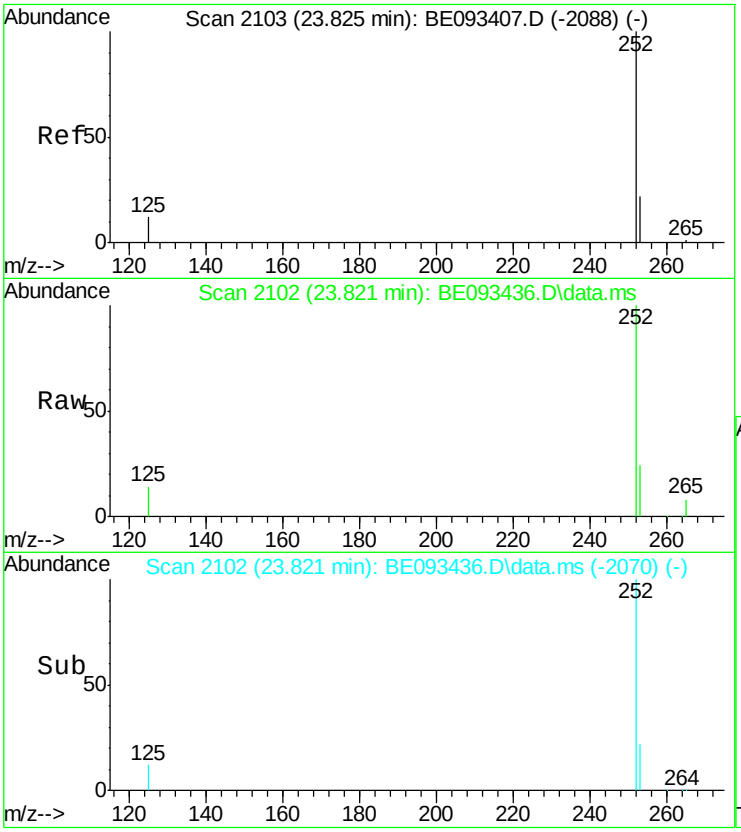


#36
Benzo(k)fluoranthene
Concen: 0.32 ng
RT: 23.211 min Scan# 1968
Delta R.T. -0.009 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:252 Resp: 31480

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	12.5	12.2	18.4



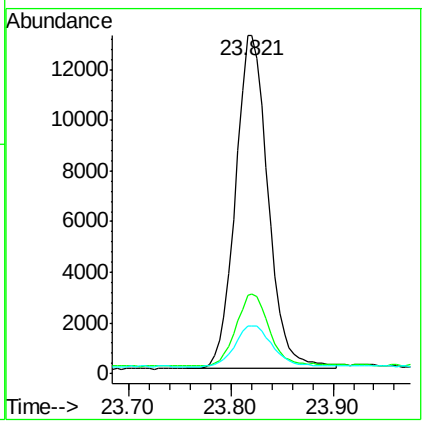


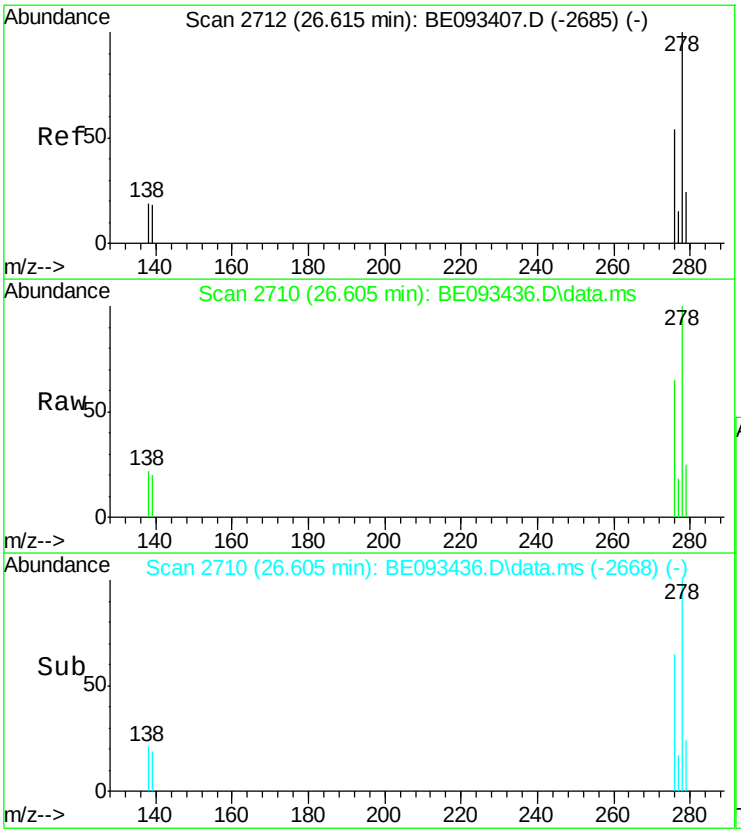
#37
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.821 min Scan# 21
Delta R.T. -0.004 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:252 Resp: 29140

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.9	29.9
125	14.0	14.6	21.8#

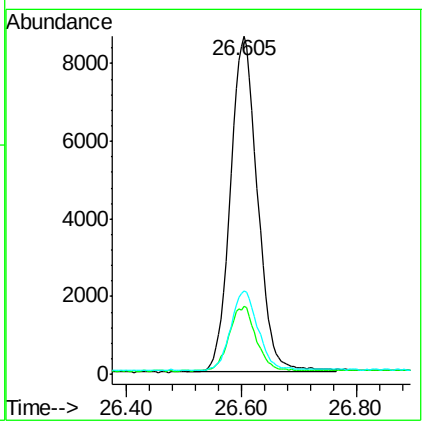


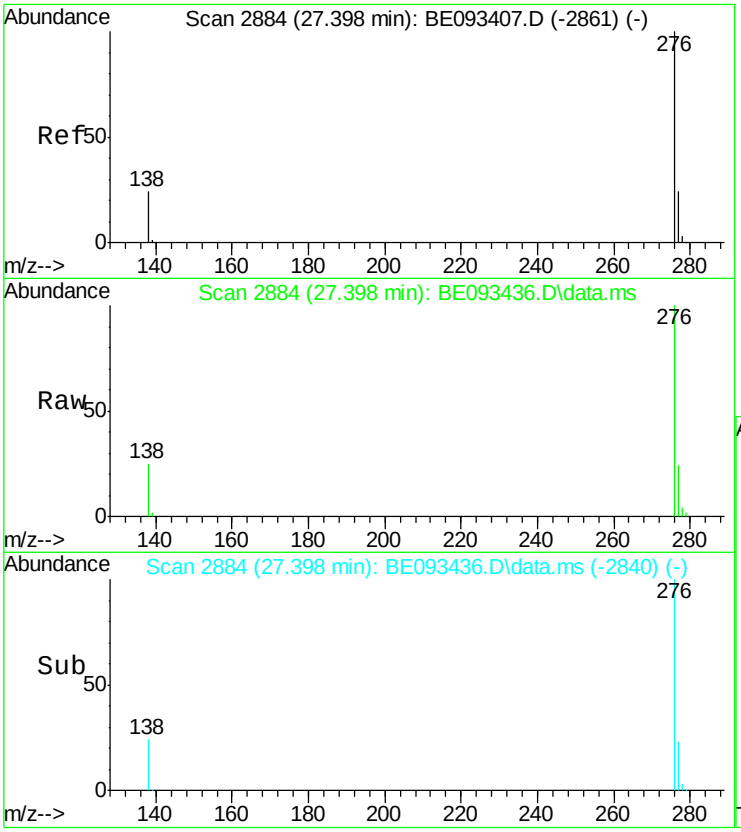


#38
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.605 min Scan# 2710
Delta R.T. -0.010 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Tgt Ion:278 Resp: 28553

Ion	Ratio	Lower	Upper
278	100		
139	20.1	21.4	32.0#
279	24.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 27.398 min Scan# 28
Delta R.T. -0.001 min
Lab File: BE093436.D
Acq: 7 Jul 2017 10:47

Instrument :
BNA_E
ClientSampleId :
PB100424BS

Tgt Ion:276 Resp: 28729

Ion	Ratio	Lower	Upper
276	100		
277	24.2	21.2	31.8
138	24.6	24.5	36.7