Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093406.D
Acq On : 2 Jul 2017 10:16
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jul 02 11:56:54 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 11:53:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.942	152	3296	0.40	ng		0.00
7) Naphthalene-d8	10.723	136	15729	0.40	ng		0.00
13) Acenaphthene-d10	14.540	164	9657	0.40	ng		0.00
19) Phenanthrene-d10	17.268	188	28782	0.40	ng		0.00
27) Chrysene-d12	21.426	240	35224	0.40	ng		0.00
34) Perylene-d12	23.939	264	29585	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.525	112	1935	0.19	ng		0.00
5) Phenol-d6	7.099	99	2850	0.19	ng		0.00
8) Nitrobenzene-d5	9.078	82	1961	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	4792	0.19	ng		0.00
14) 2,4,6-Tribromophenol	16.030	330	501	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	7438	0.20	ng		0.00
25) Fluoranthene-d10	19.289	212	66844	0.25	ng		0.00
29) Terphenyl-d14	19.881	244	12271	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1515	0.22	ng		93
3) n-Nitrosodimethylamine	3.775	42	653	0.25	ng	#	87
6) bis(2-Chloroethyl)ether	7.363	93	2154	0.20	ng	#	100
9) Naphthalene	10.773	128	32439	0.20	ng	#	73
10) Hexachlorobutadiene	11.075	225	1249	0.19	ng		99
12) 2-Methylnaphthalene	12.383	142	5255	0.19	ng		99
16) Acenaphthylene	14.258	152	7411	0.18	ng	#	88
17) Acenaphthene	14.599	154	5706	0.19	ng		97
18) Fluorene	15.592	166	7850	0.19	ng	#	87
20) 4-Bromophenyl-phenylether	16.454	248	3154	0.49	ng	#	24
21) Hexachlorobenzene	16.584	284	3336	0.30	ng	#	100
22) Pentachlorophenol	16.910	266	399	0.37	ng	#	81
23) Phenanthrene	17.301	178	20921	0.30	ng		98
24) Anthracene	17.399	178	10942	0.16	ng		93
26) Fluoranthene	19.319	202	18587	0.25	ng		98
28) Pyrene	19.681	202	19453	0.21	ng	#	99
30) Benzo(a)anthracene	21.404	228	18535	0.19	ng		92
31) Chrysene	21.460	228	19595	0.20	ng		93
32) Bis(2-ethylhexyl)phtha...	21.337	149	26232	0.18	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.588	276	17203	0.18	ng		95
35) Benzo(b)fluoranthene	23.165	252	17795	0.19	ng		97
36) Benzo(k)fluoranthene	23.215	252	18254	0.20	ng		98
37) Benzo(a)pyrene	23.825	252	15595	0.19	ng		96
38) Dibenzo(a,h)anthracene	26.610	278	15266	0.18	ng		94
39) Benzo(g,h,i)perylene	27.403	276	15774	0.18	ng		95

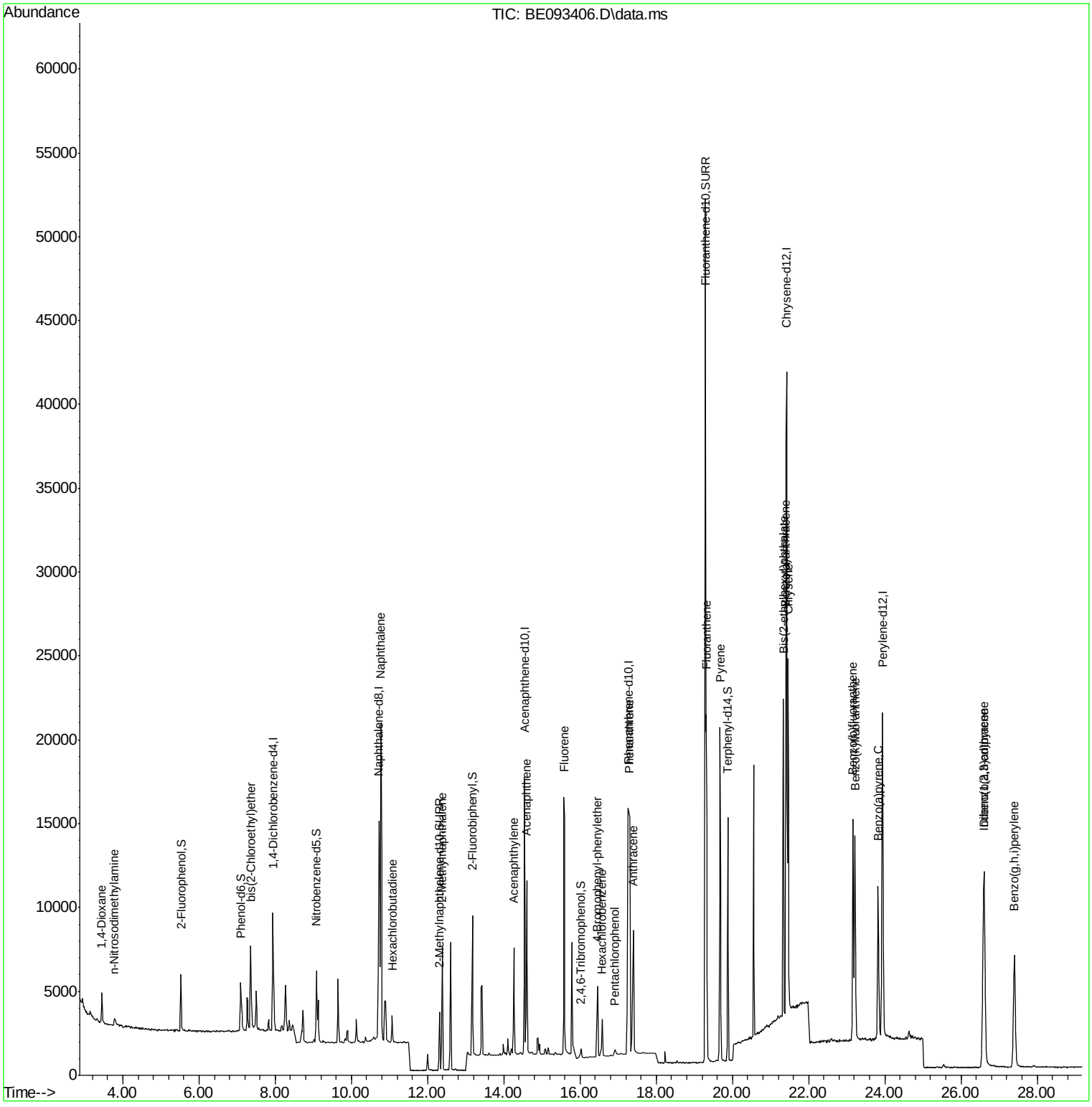
(#) = qualifier out of range (m) = manual integration (+) = signals summed

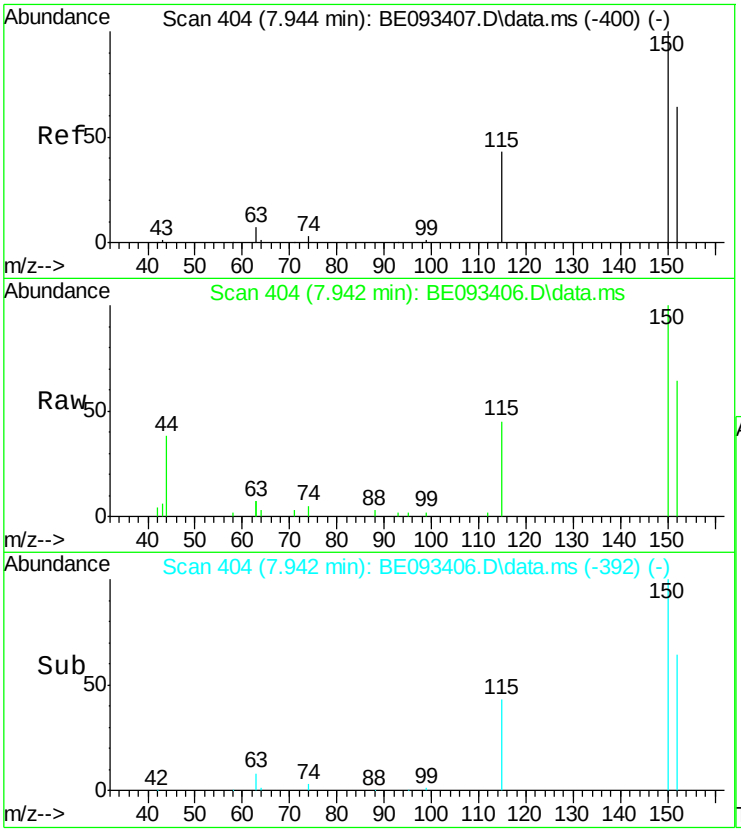
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093406.D
Acq On : 2 Jul 2017 10:16
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 02 11:56:54 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 11:53:01 2017
Response via : Initial Calibration



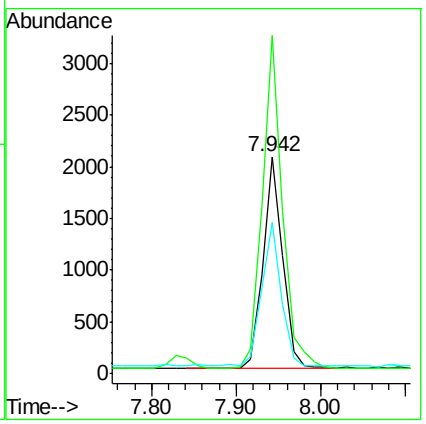


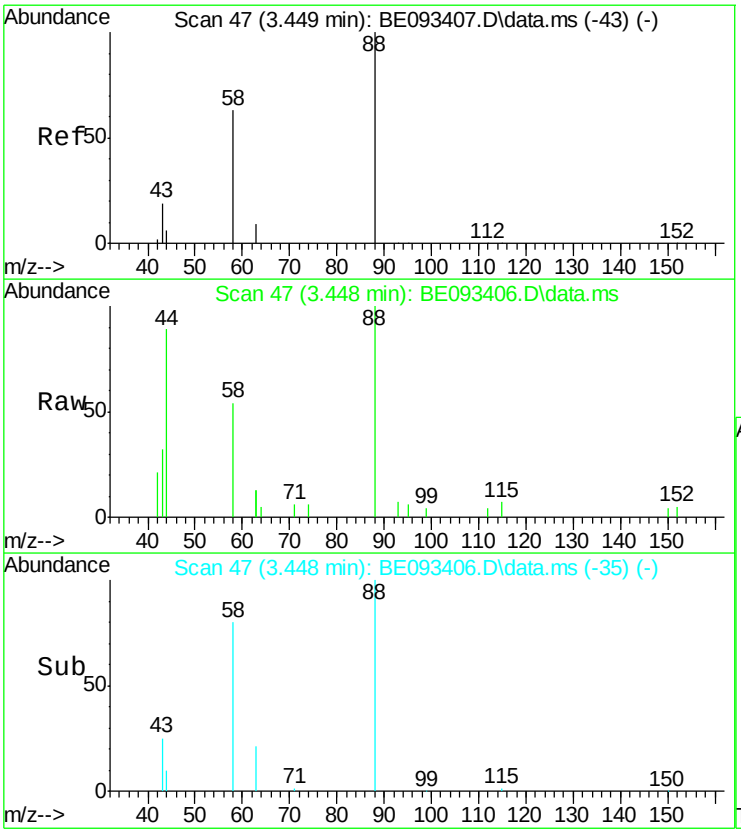
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.942 min Scan# 40
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3296

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.1	187.7
115	69.9	55.7	83.5

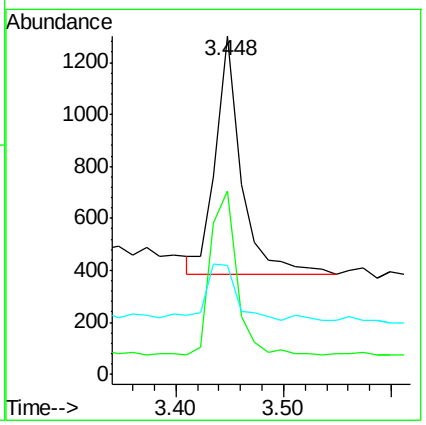


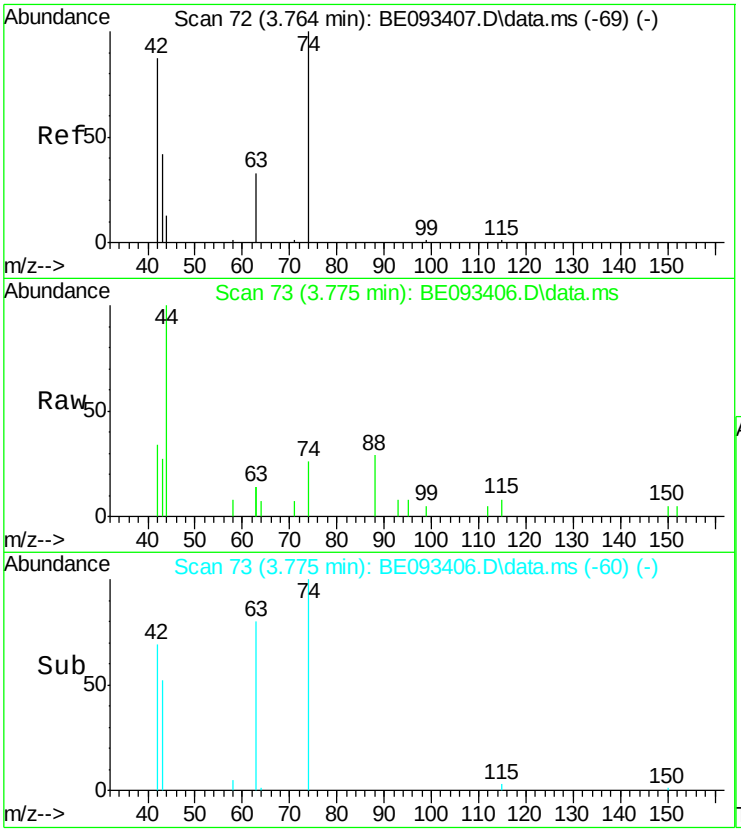


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.448 min Scan# 47
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion: 88 Resp: 1515

Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.2	93.4
43	28.3	23.2	34.8



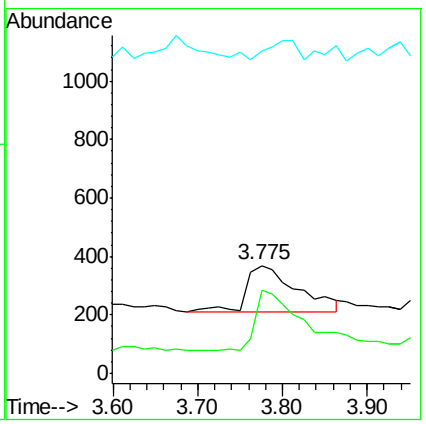


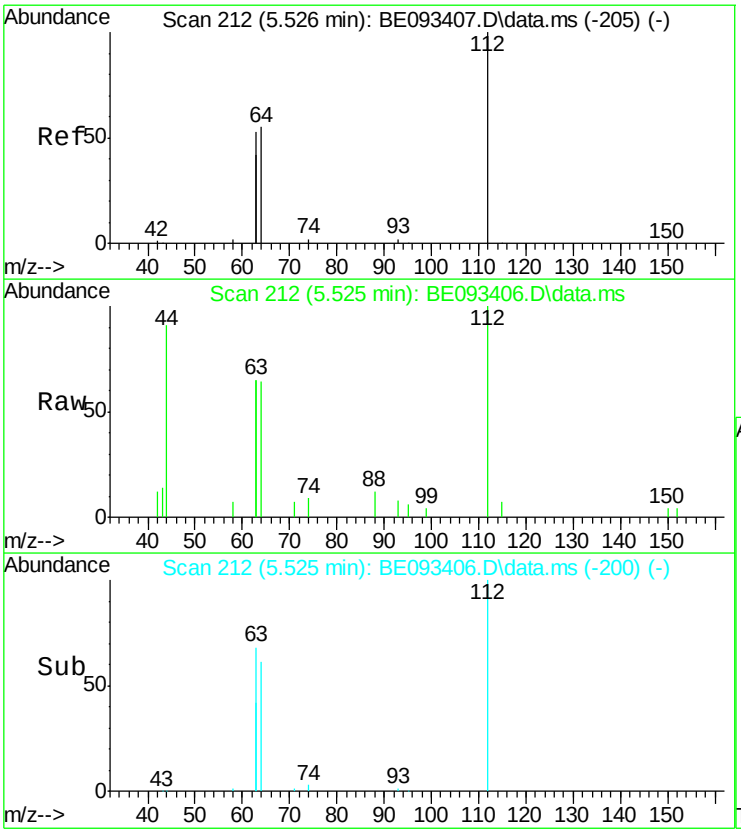
#3
n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.775 min Scan# 73
Delta R.T. 0.011 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
74	110.3	99.1	148.7
44	0.0	7.4	11.2#

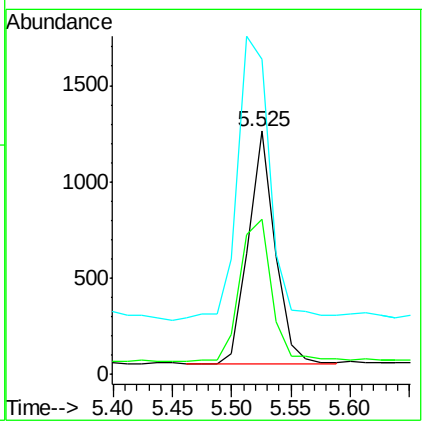


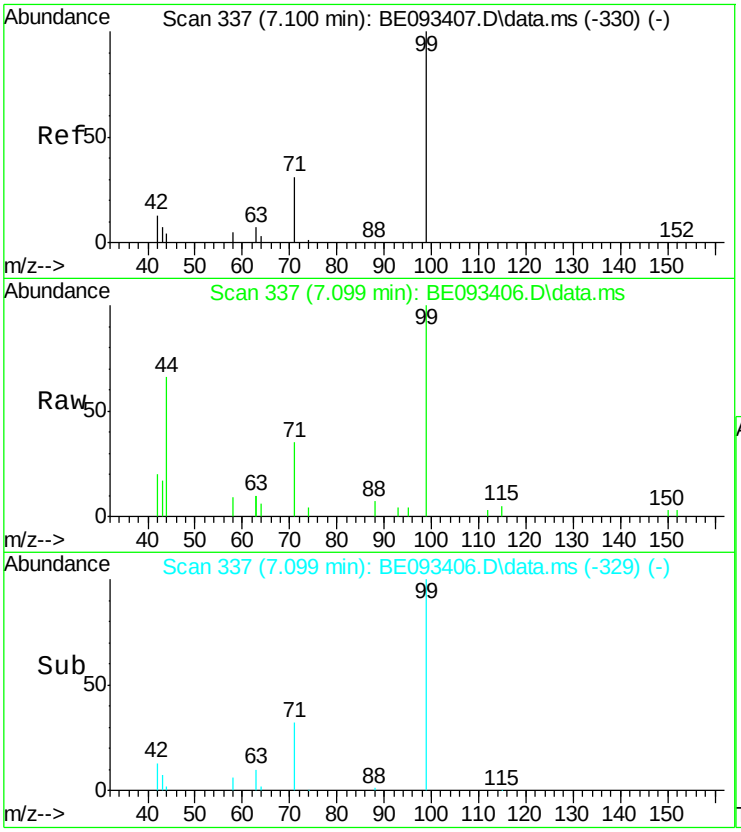


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.525 min Scan# 212
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:112 Resp: 1935

Ion	Ratio	Lower	Upper
112	100		
64	73.2	56.4	84.6
63	146.3	29.3	43.9#



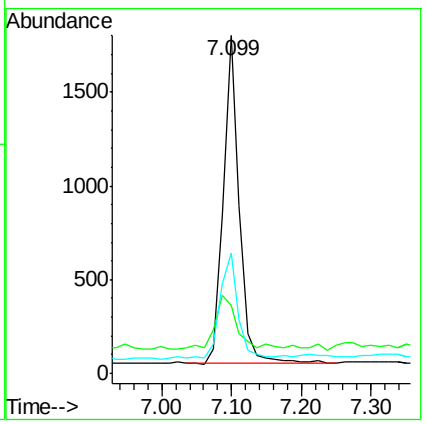


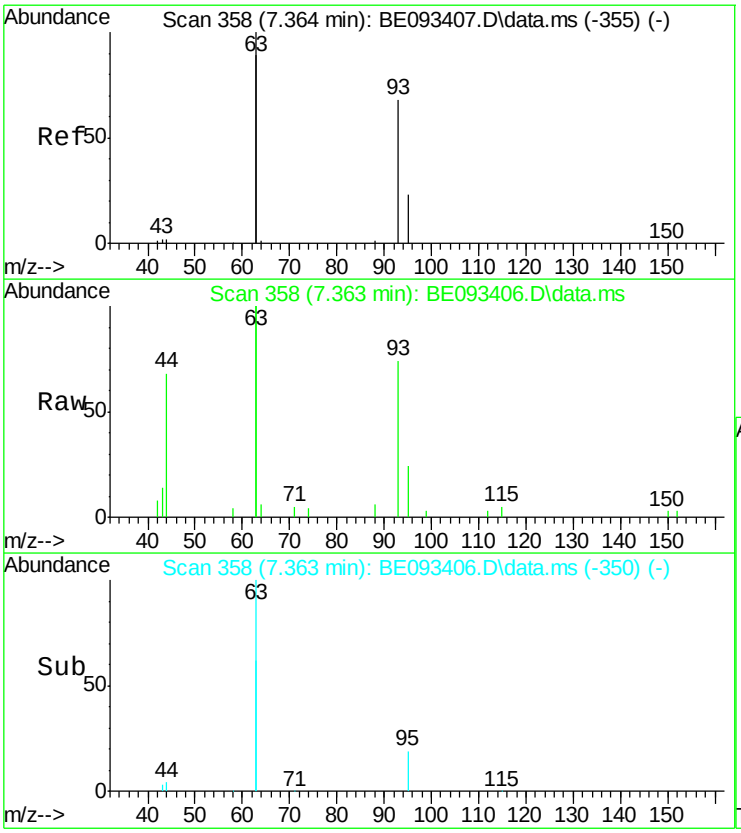
#5
Phenol-d6
Concen: 0.19 ng
RT: 7.099 min Scan# 33
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2850

Ion	Ratio	Lower	Upper
99	100		
42	22.1	0.0	0.0#
71	34.7	0.0	0.0#

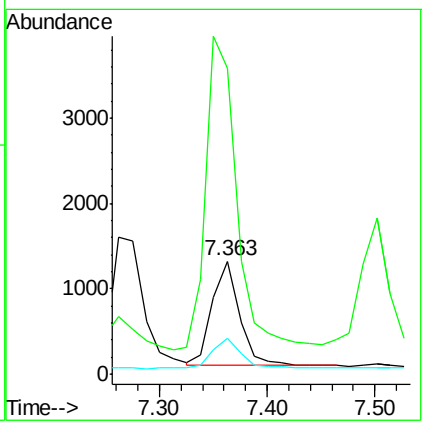


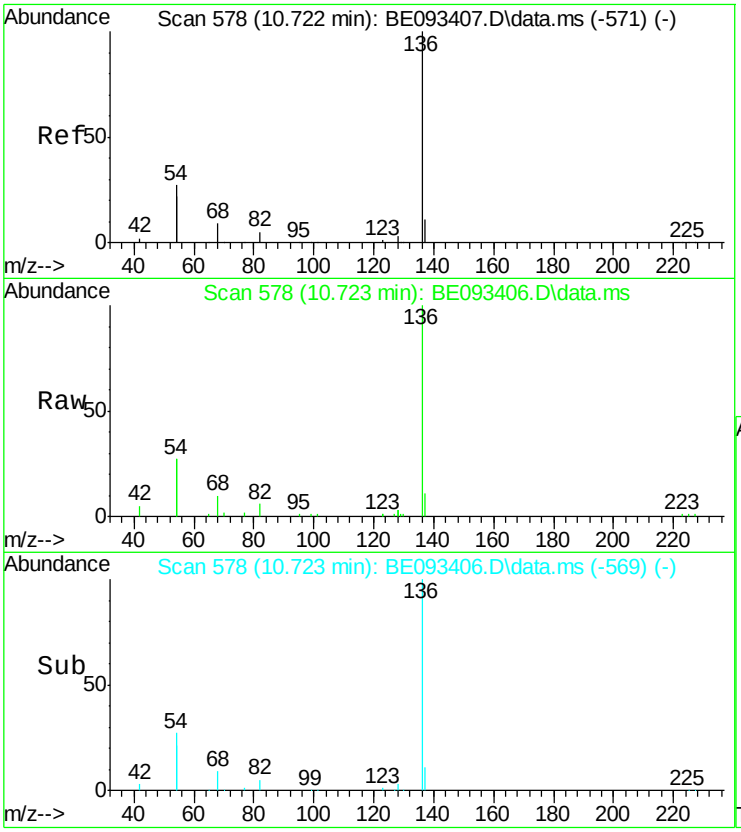


#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.363 min Scan# 358
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion: 93 Resp: 2154

Ion	Ratio	Lower	Upper
93	100		
63	340.2	0.0	0.0#
95	31.5	25.4	38.0



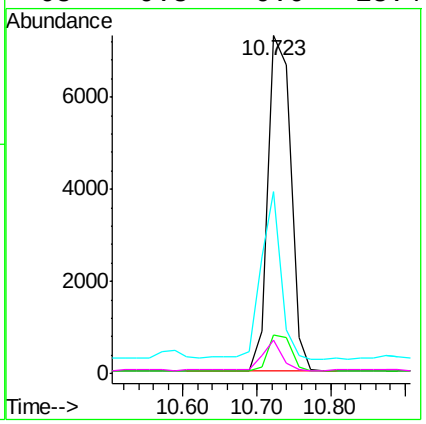


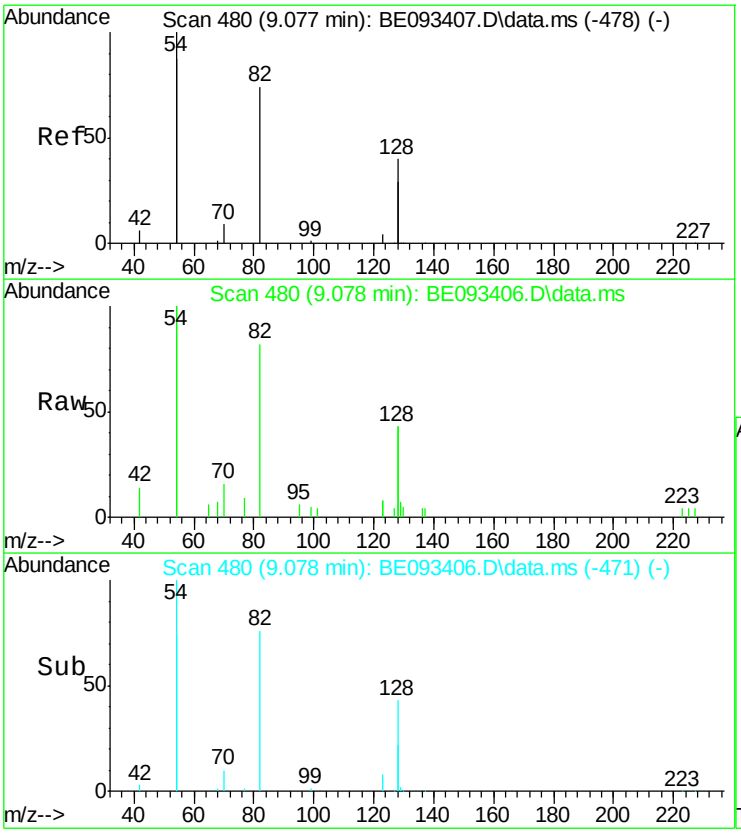
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.723 min Scan# 57
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 15729

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	54.0	10.3	15.5#
68	9.8	9.0	13.4

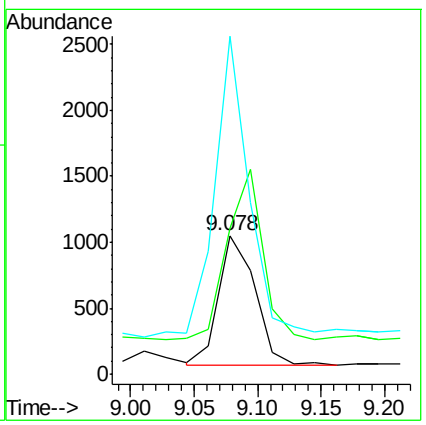


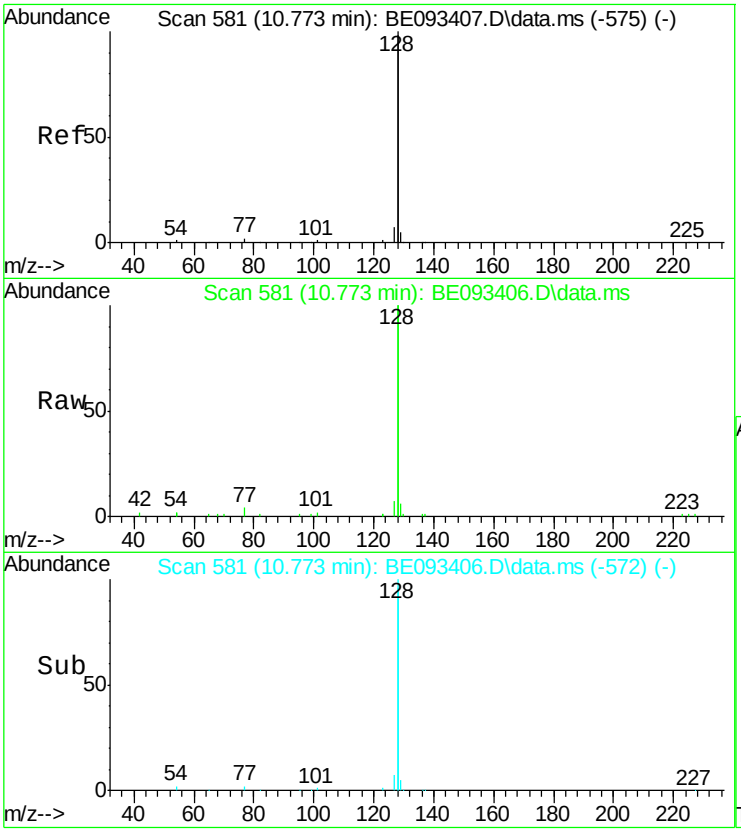


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.078 min Scan# 480
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion: 82 Resp: 1961

Ion	Ratio	Lower	Upper
82	100		
128	105.6	17.0	25.4#
54	244.2	53.8	80.6#



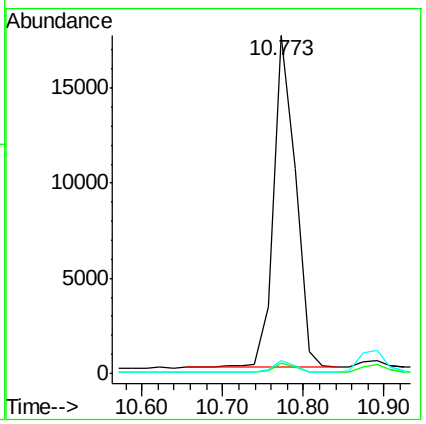


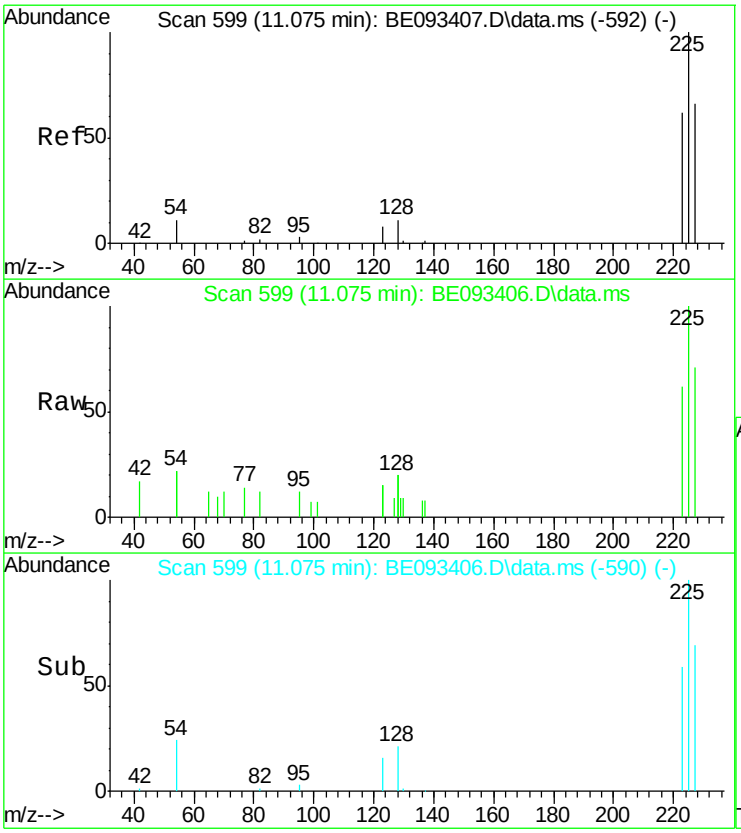
#9
Naphthalene
Concen: 0.20 ng
RT: 10.773 min Scan# 58
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 32439

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.7	11.2	16.8#

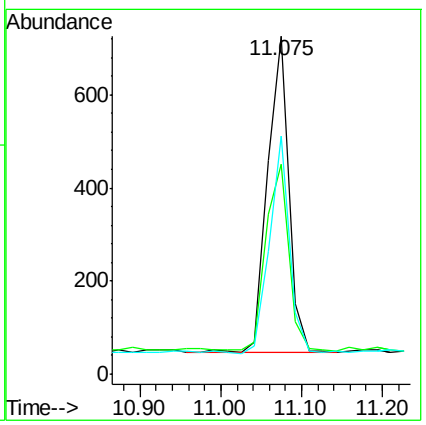


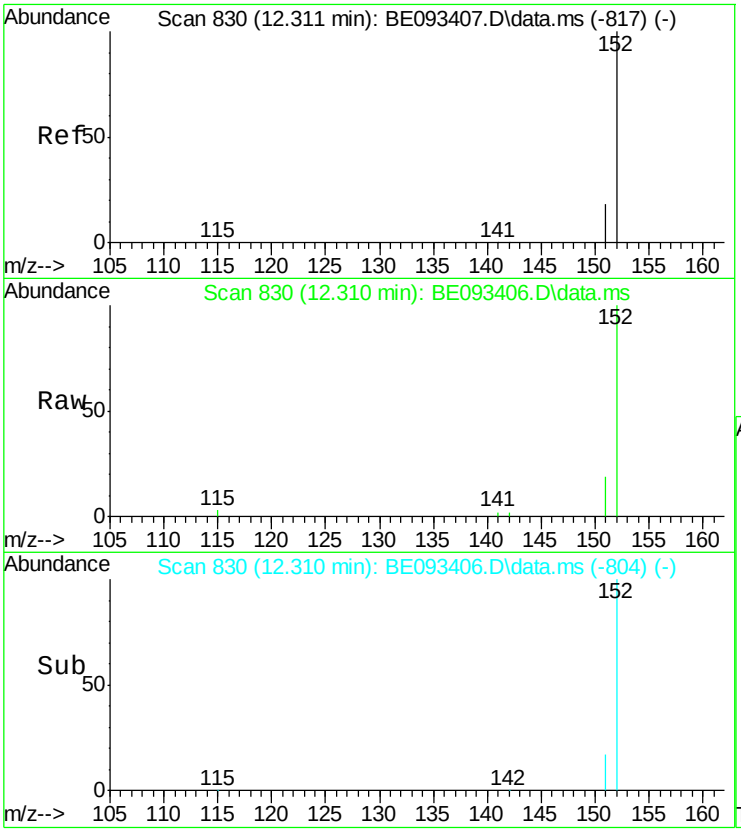


#10
Hexachlorobutadiene
Concen: 0.19 ng
RT: 11.075 min Scan# 599
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:225 Resp: 1249

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	63.5	50.3	75.5



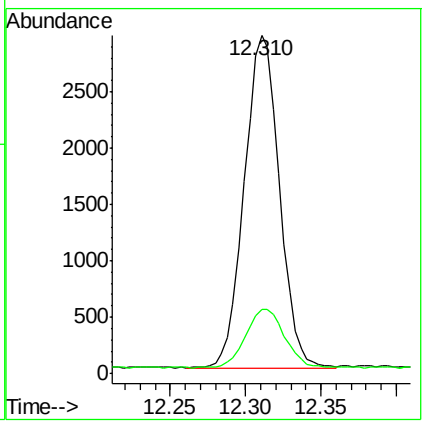


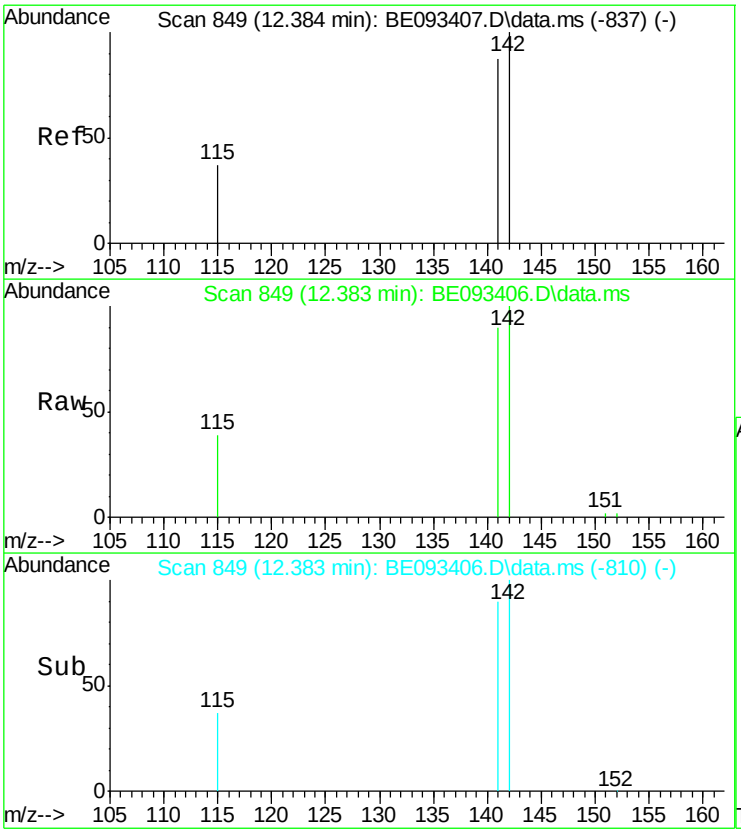
#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 12.310 min Scan# 83
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4792

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7

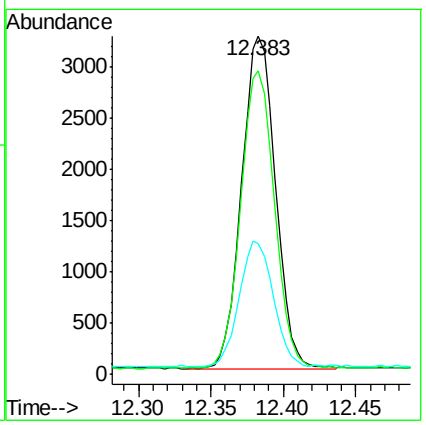


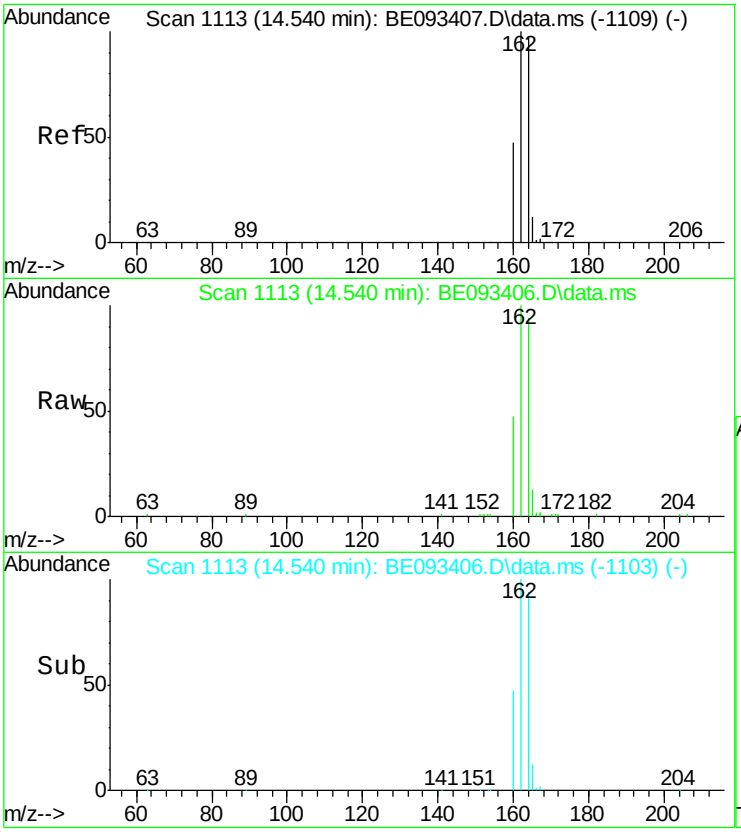


#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.383 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:142 Resp: 5255

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8
115	38.7	32.2	48.2



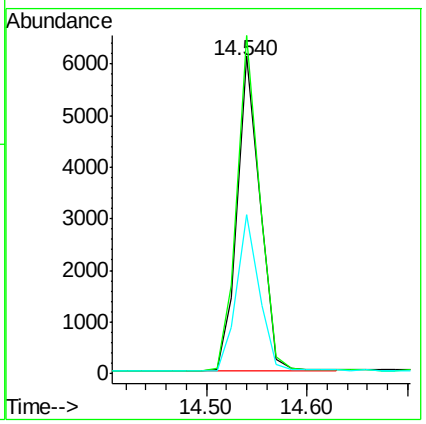


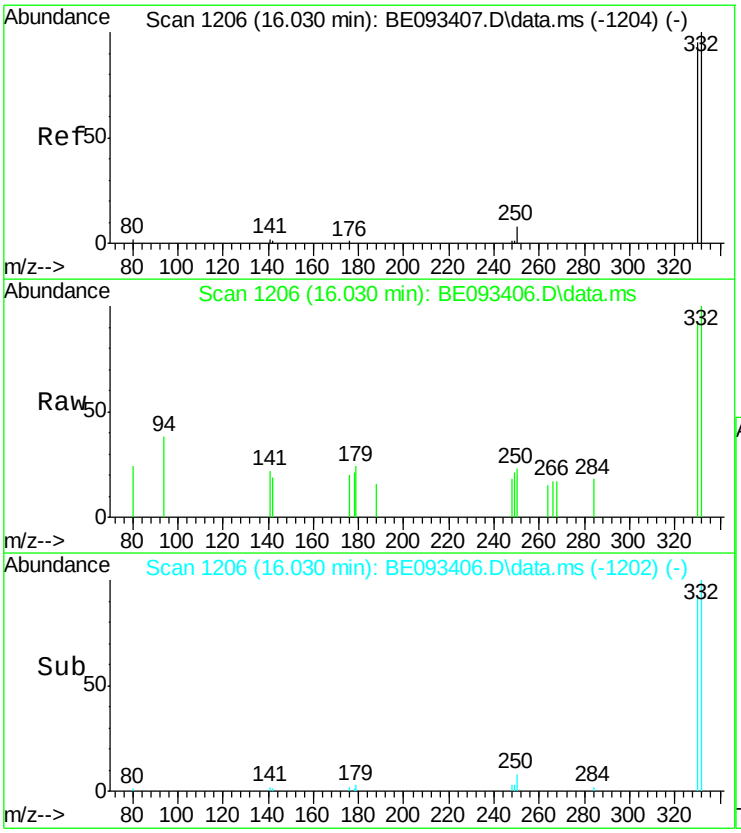
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.540 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9657

Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.6	127.0
160	50.0	41.8	62.6

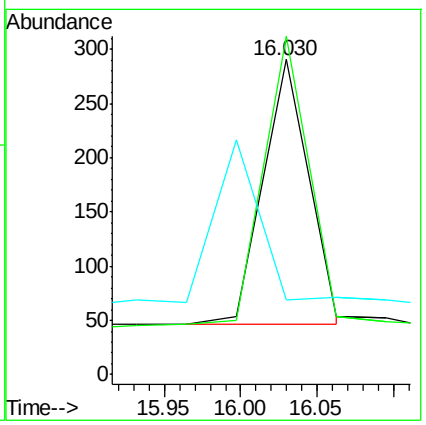


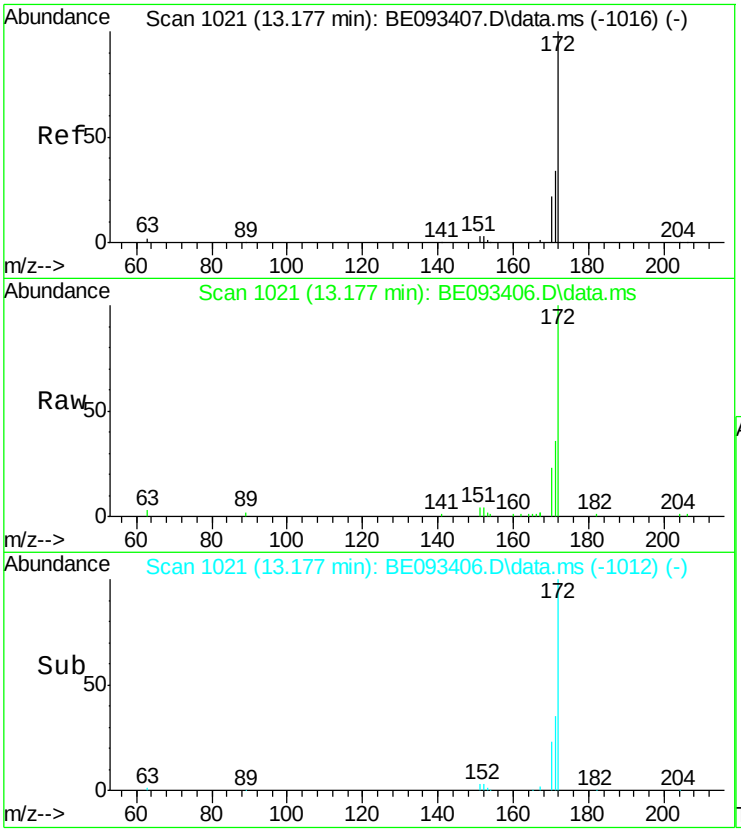


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 16.030 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:330 Resp: 501

Ion	Ratio	Lower	Upper
330	100		
332	108.6	77.7	116.5
141	0.0	56.2	84.4#



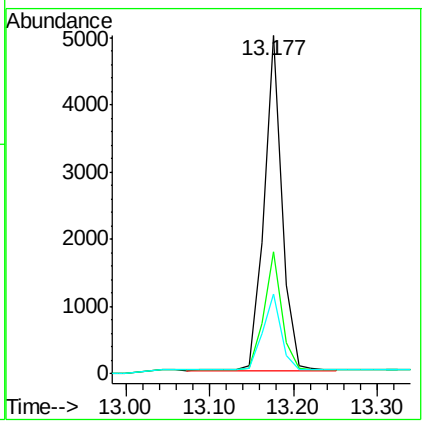


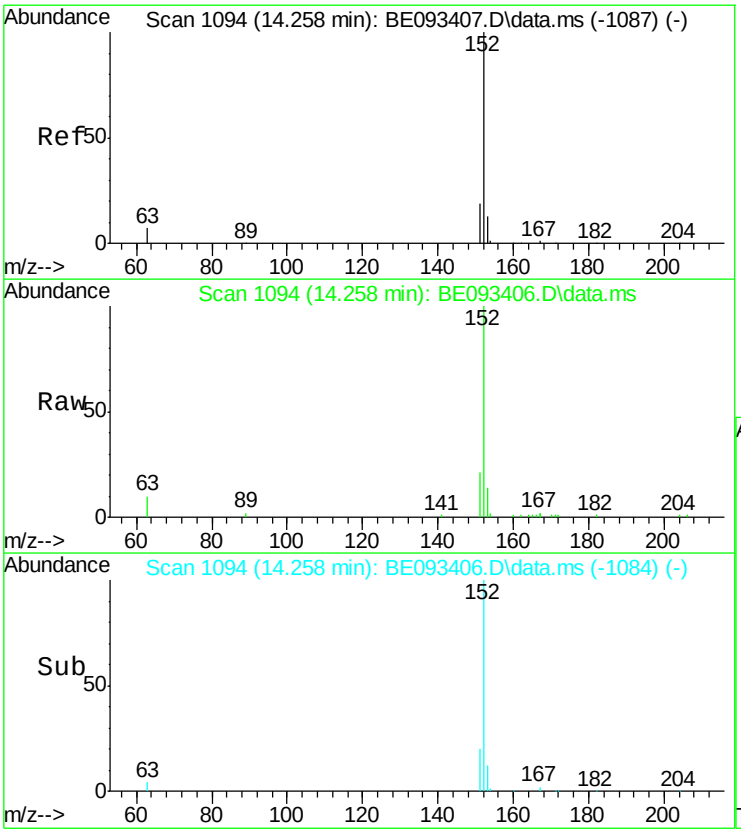
#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7438

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	23.5	20.7	31.1

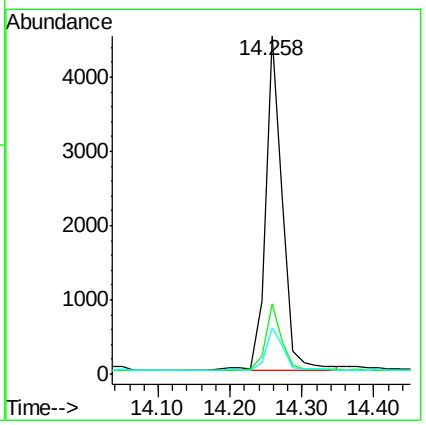


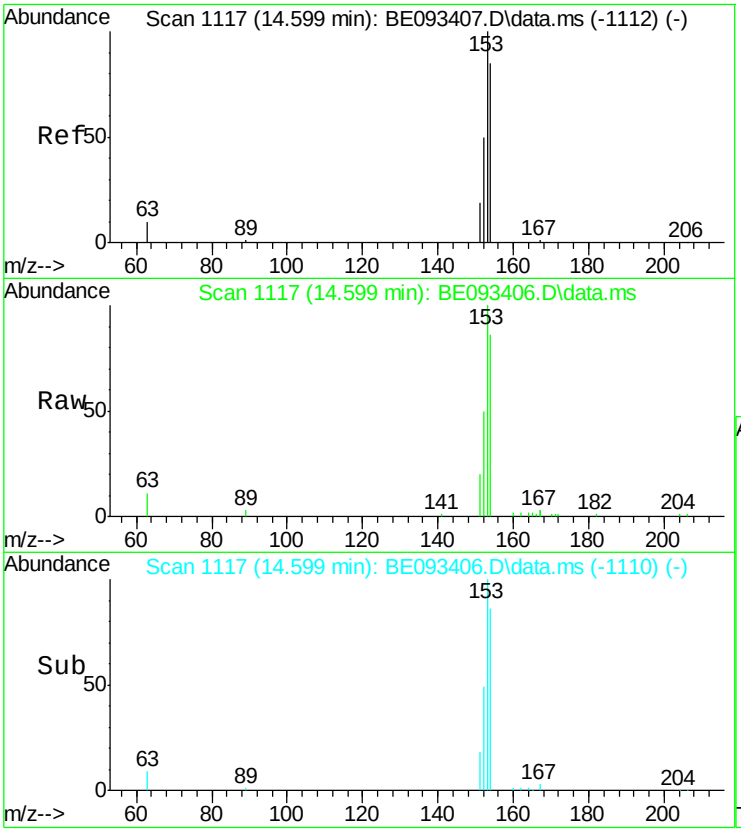


#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.258 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:152 Resp: 7411

Ion	Ratio	Lower	Upper
152	100		
151	19.8	4.0	6.0#
153	12.9	10.3	15.5



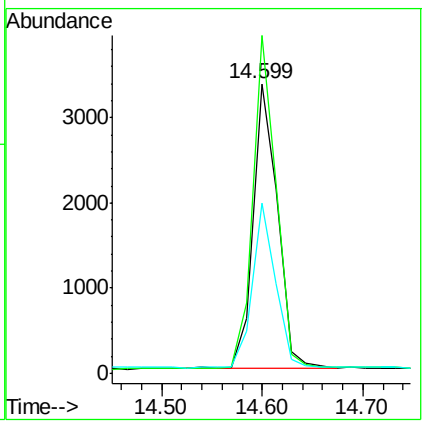


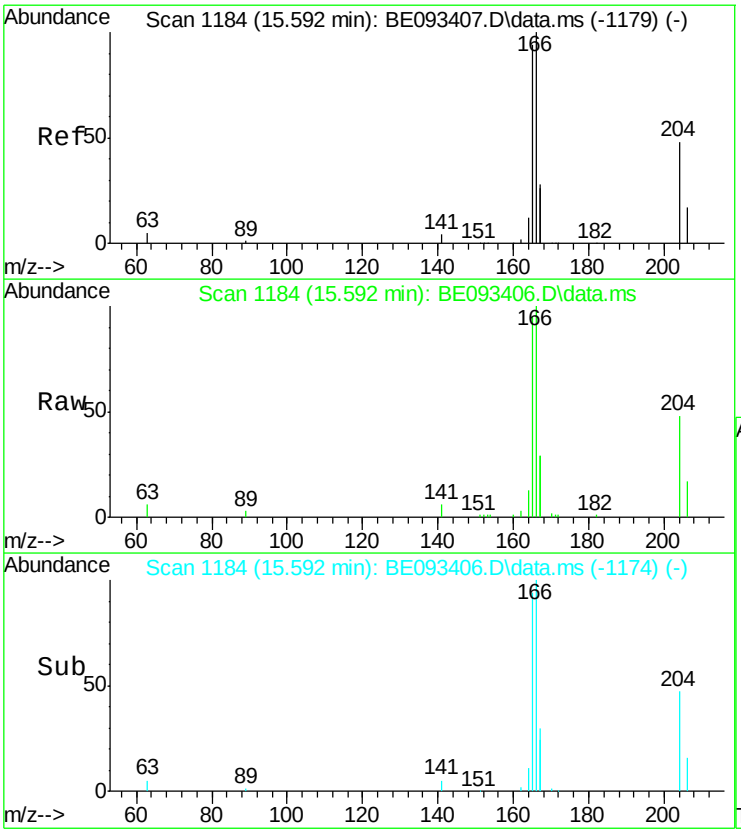
#17
Acenaphthene
Concen: 0.19 ng
RT: 14.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5706

Ion	Ratio	Lower	Upper
154	100		
153	110.5	91.2	136.8
152	54.5	44.8	67.2

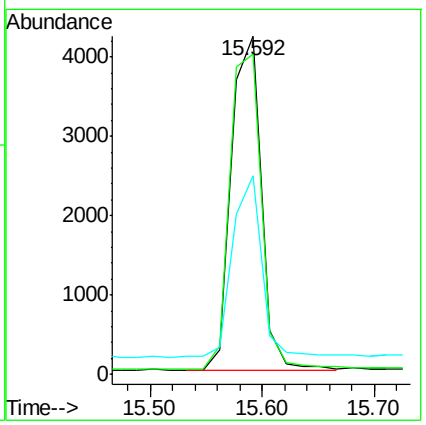


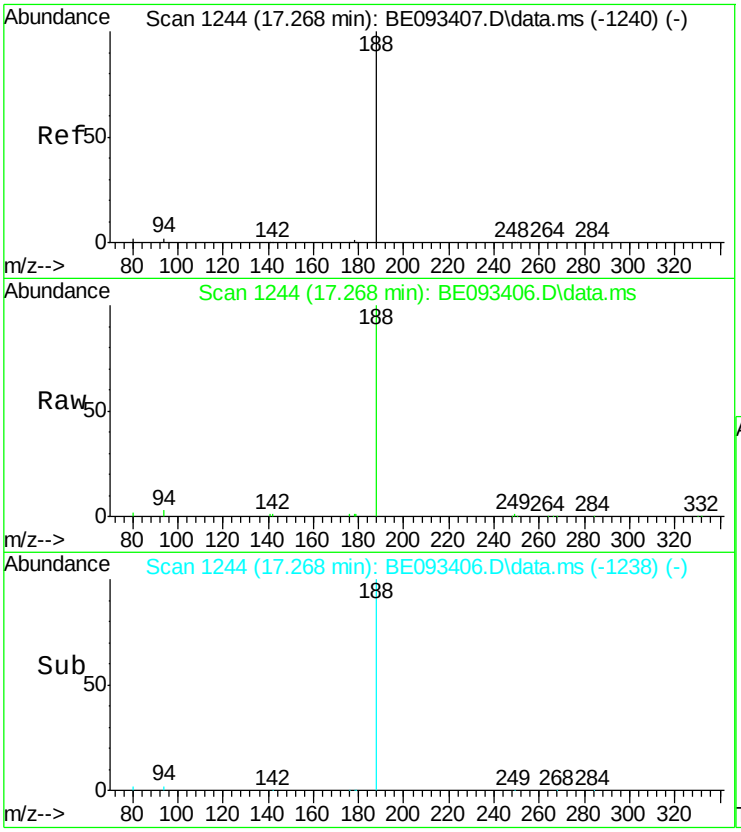


#18
Fluorene
Concen: 0.19 ng
RT: 15.592 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:166 Resp: 7850

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	52.7	11.1	16.7#



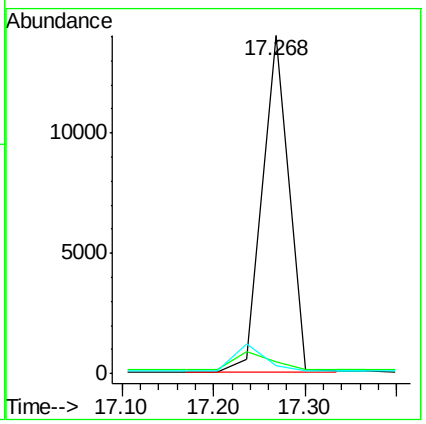


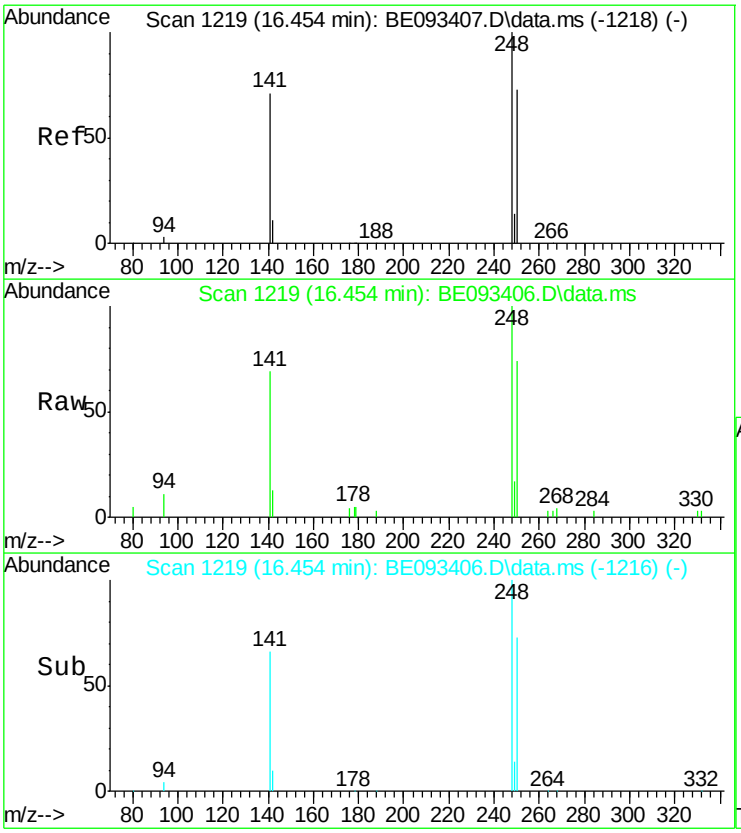
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.268 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 28782

Ion	Ratio	Lower	Upper
188	100		
94	3.4	11.3	16.9#
80	2.4	11.7	17.5#

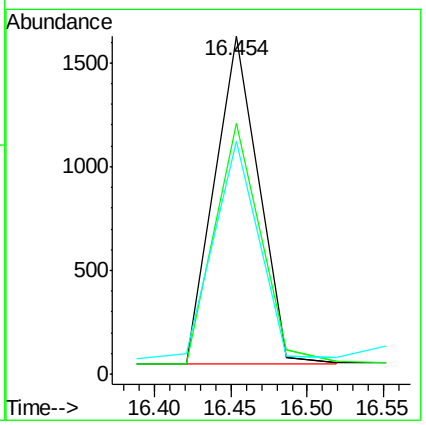


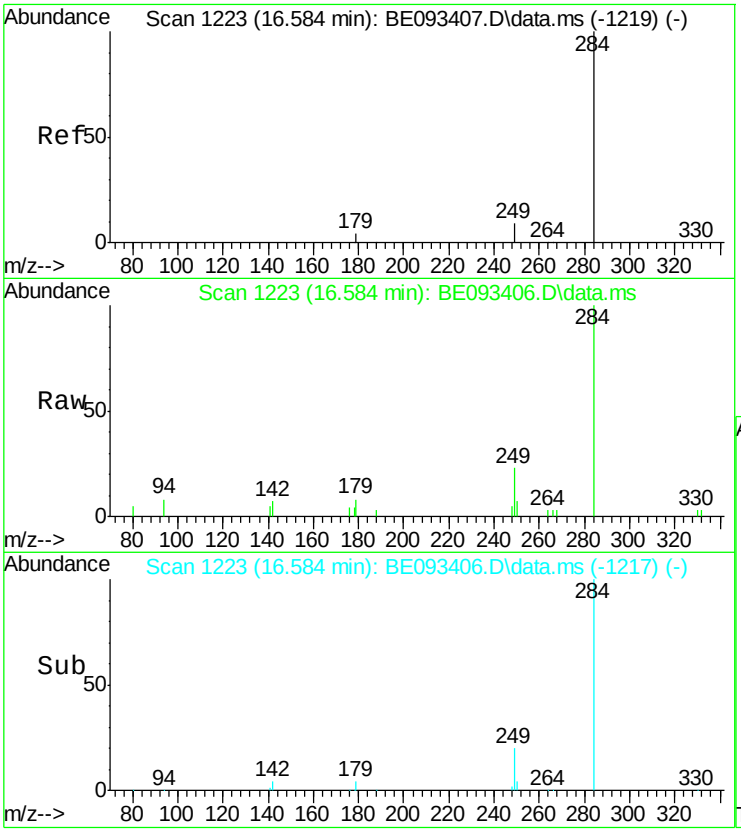


#20
4-Bromophenyl-phenylether
Concen: 0.49 ng
RT: 16.454 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:248 Resp: 3154

Ion	Ratio	Lower	Upper
248	100		
250	74.1	40.8	61.2#
141	68.9	161.6	242.4#



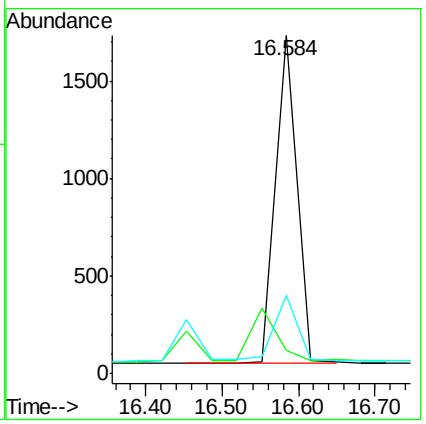


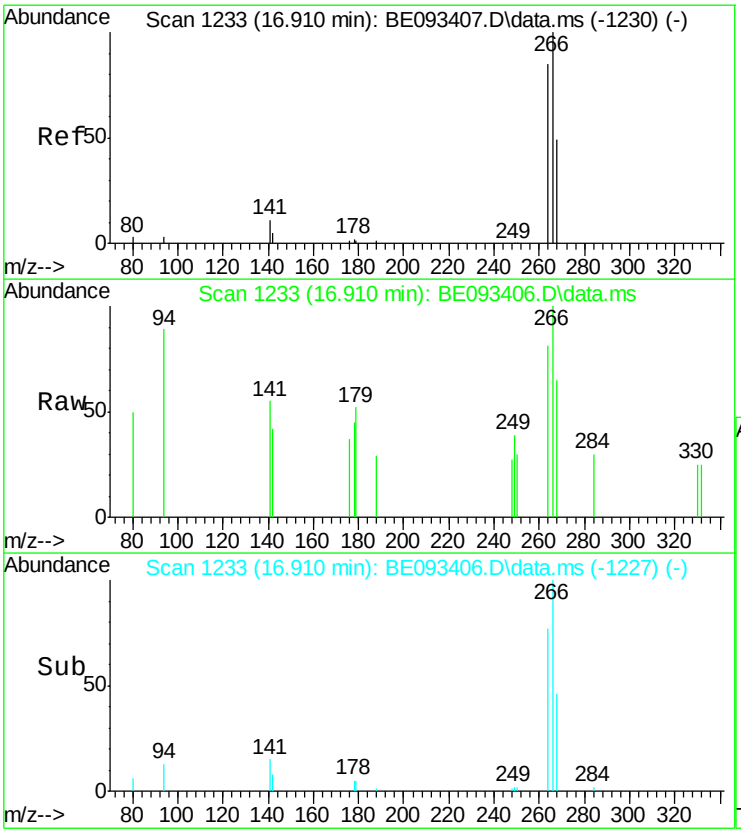
#21
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.584 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 3336

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	21.3	0.0	0.0#

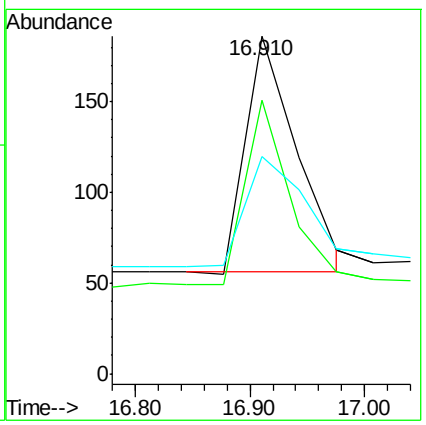


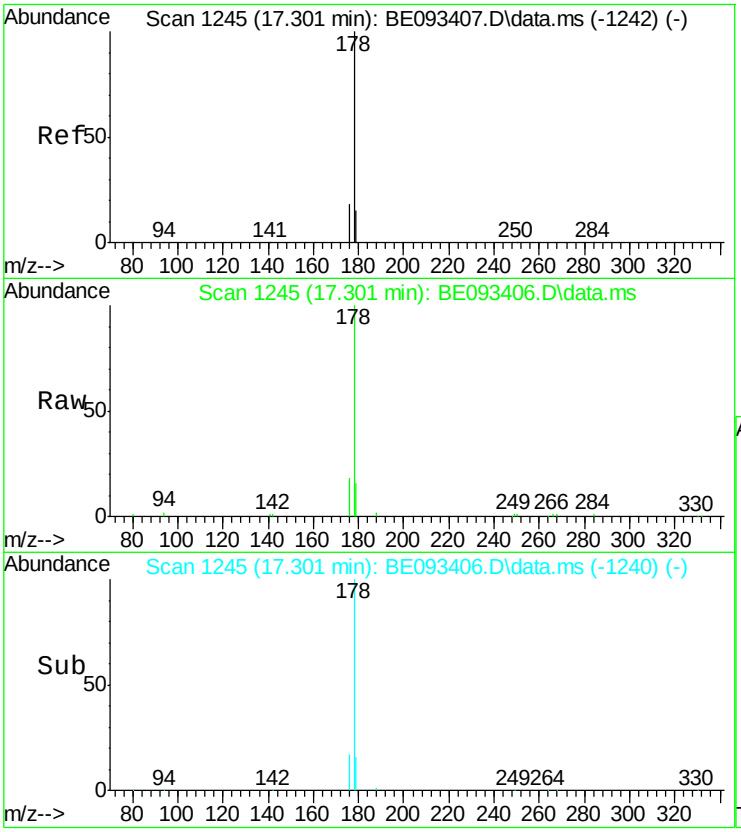


#22
Pentachlorophenol
Concen: 0.37 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:266 Resp: 399

Ion	Ratio	Lower	Upper
266	100		
264	81.2	58.2	87.2
268	64.5	71.9	107.9#



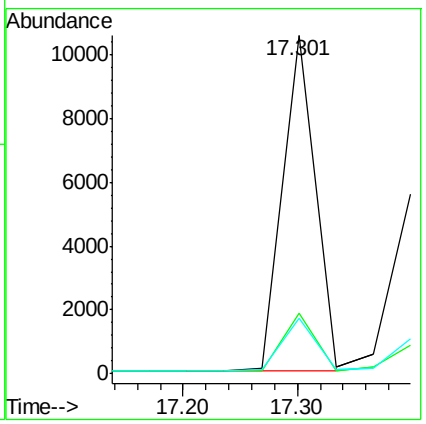


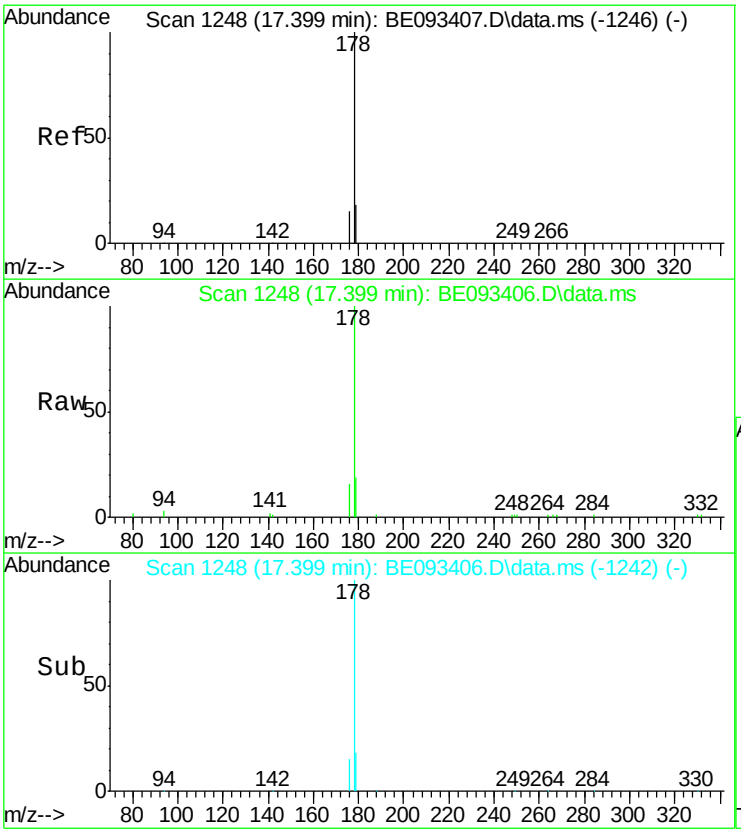
#23
Phenanthrene
Concen: 0.30 ng
RT: 17.301 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 20921

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	15.8	12.7	19.1

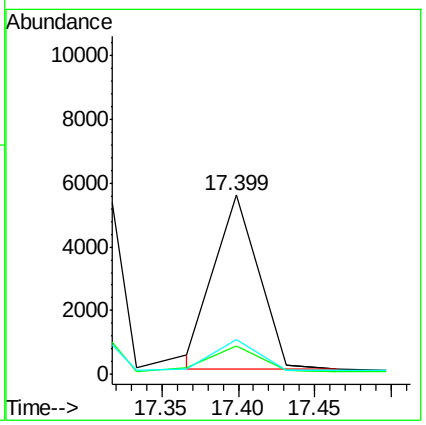


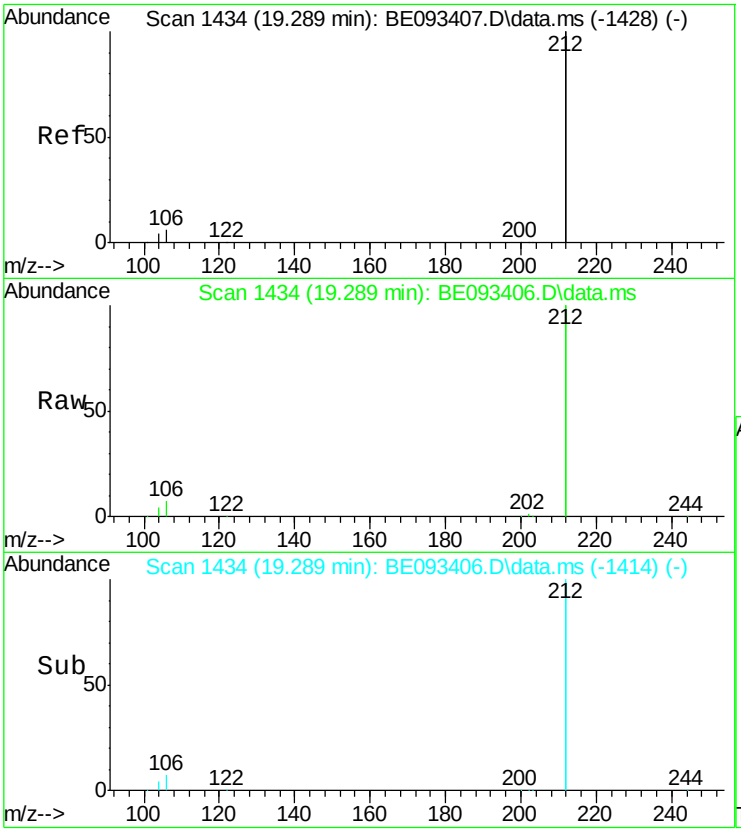


#24
Anthracene
Concen: 0.16 ng
RT: 17.399 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:178 Resp: 10942

Ion	Ratio	Lower	Upper
178	100		
176	15.1	14.6	22.0
179	17.5	12.0	18.0



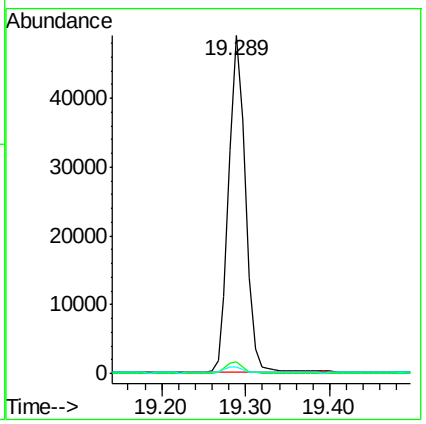


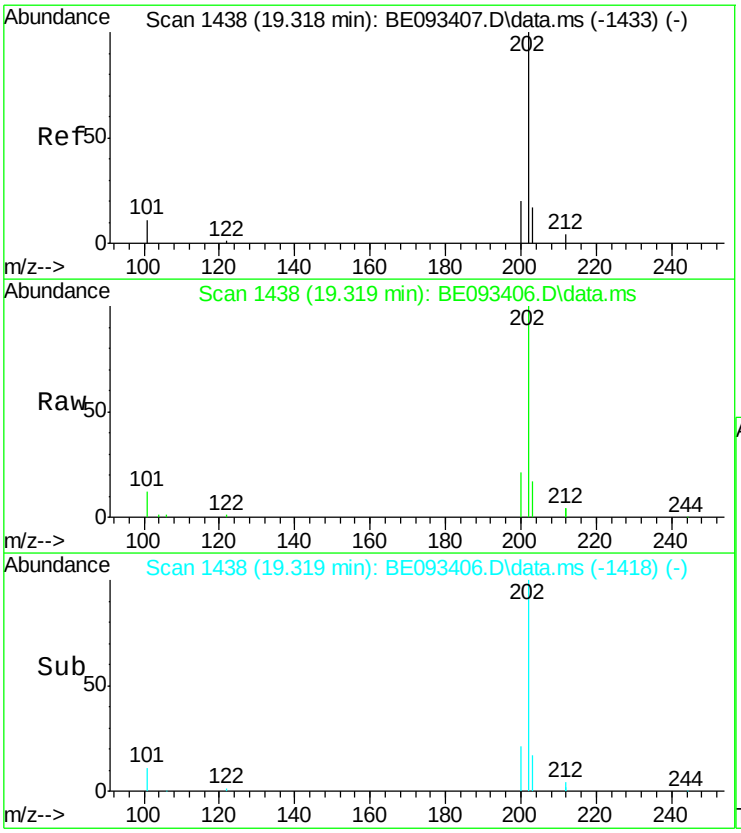
#25
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.289 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 66844

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.1	1.6	2.4

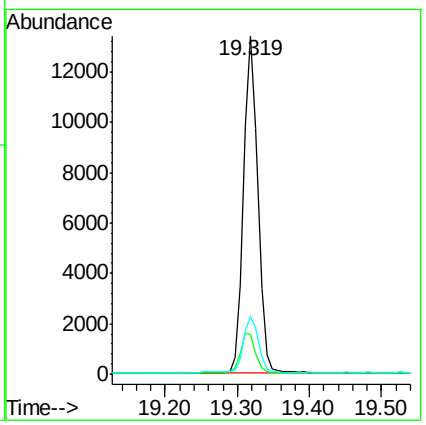


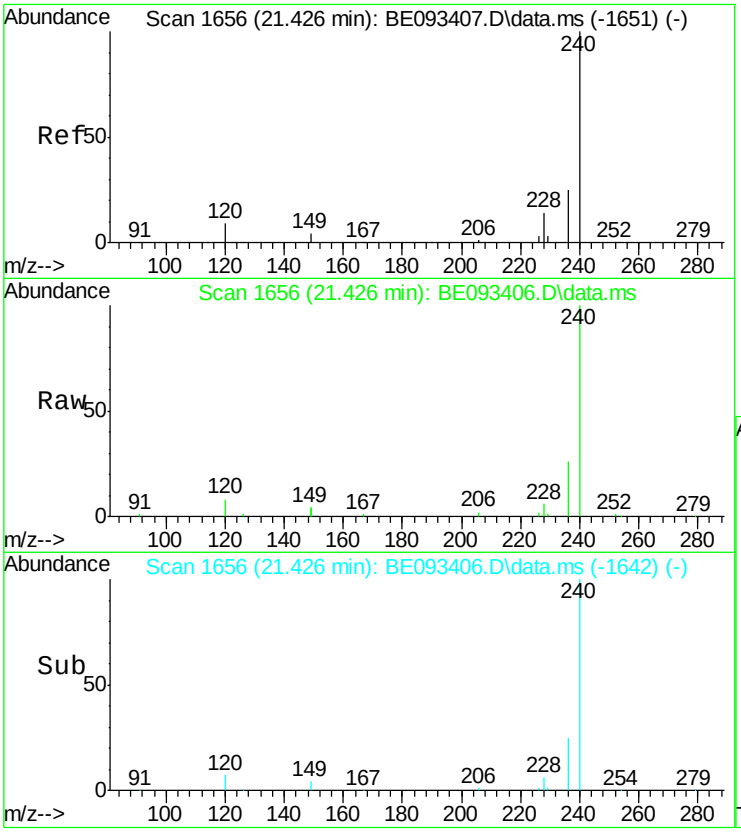


#26
Fluoranthene
Concen: 0.25 ng
RT: 19.319 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:202 Resp: 18587

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	16.8	14.4	21.6



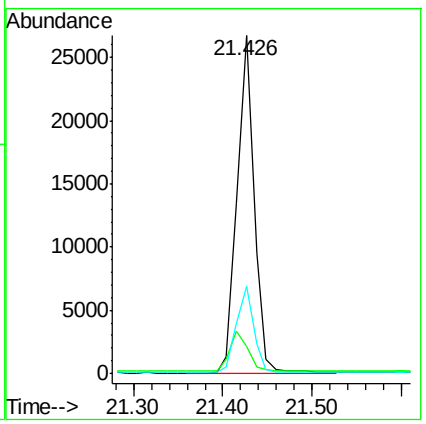


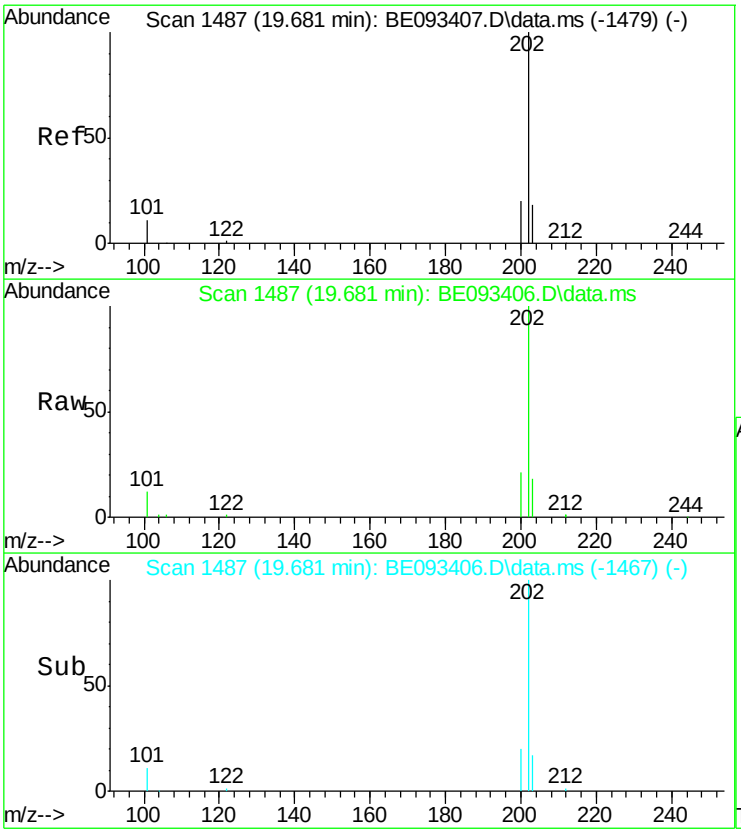
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.426 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 35224

Ion	Ratio	Lower	Upper
240	100		
120	8.0	4.6	7.0#
236	25.7	20.8	31.2

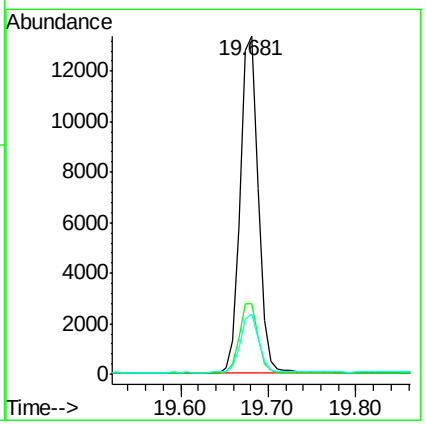


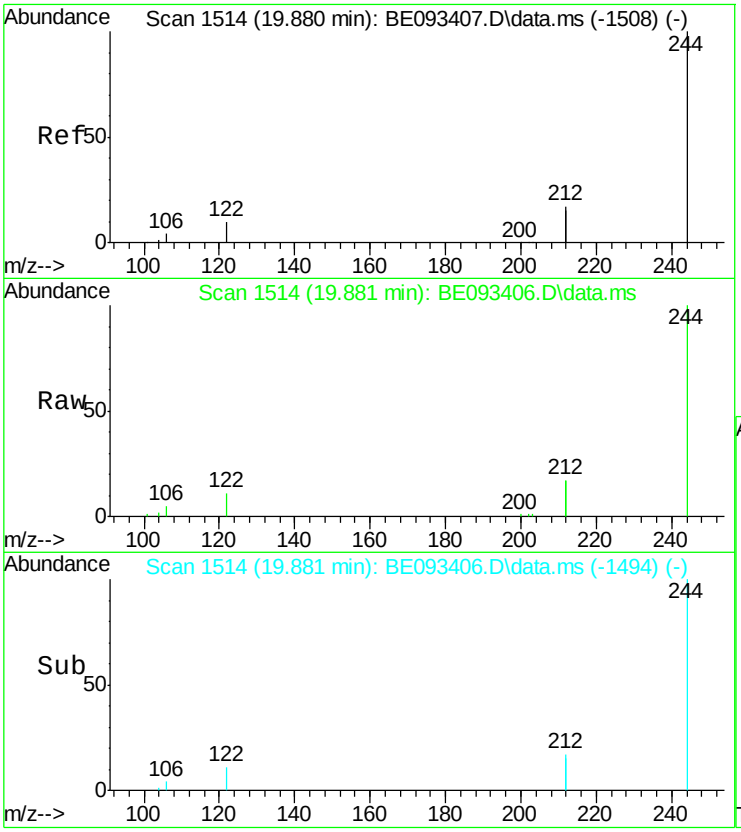


#28
Pyrene
Concen: 0.21 ng
RT: 19.681 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:202 Resp: 19453

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



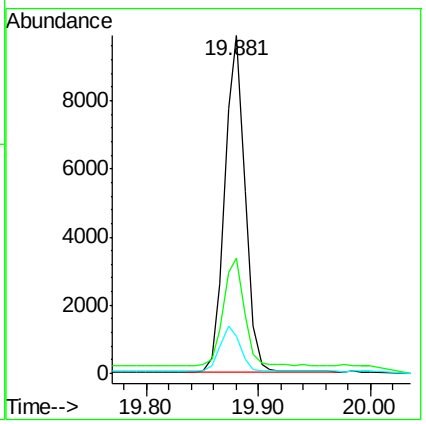


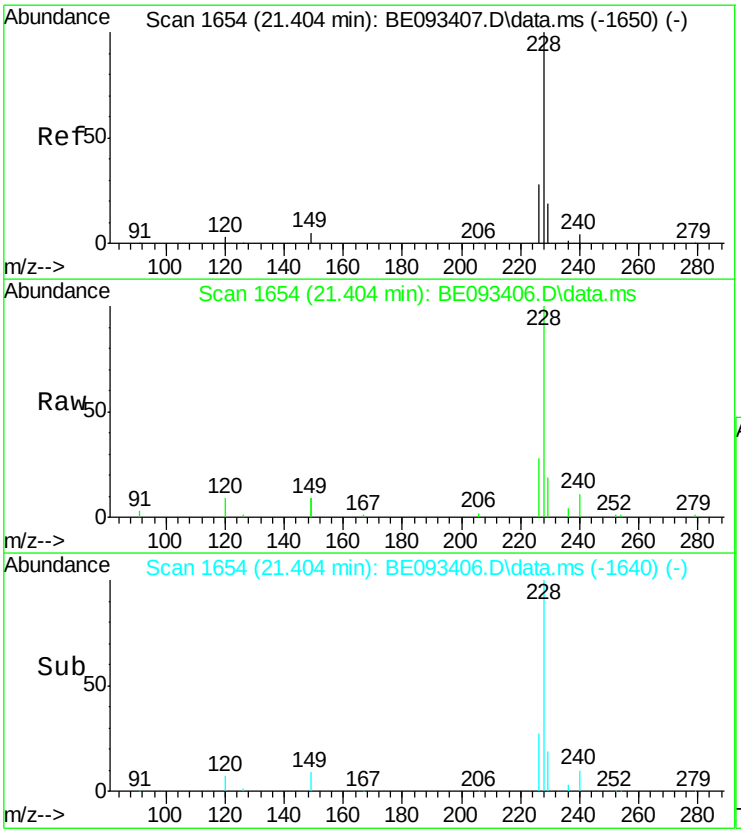
#29
Terphenyl-d14
Concen: 0.19 ng
RT: 19.881 min Scan# 15
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 12271

Ion	Ratio	Lower	Upper
244	100		
212	34.0	10.6	16.0#
122	11.2	15.4	23.0#

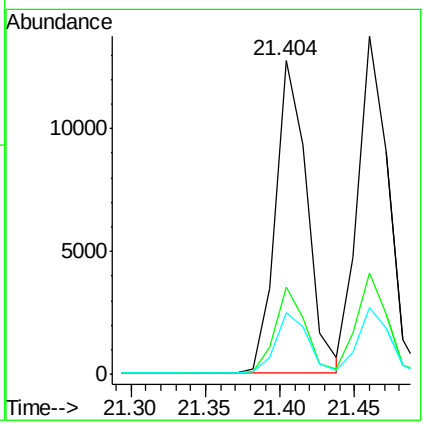


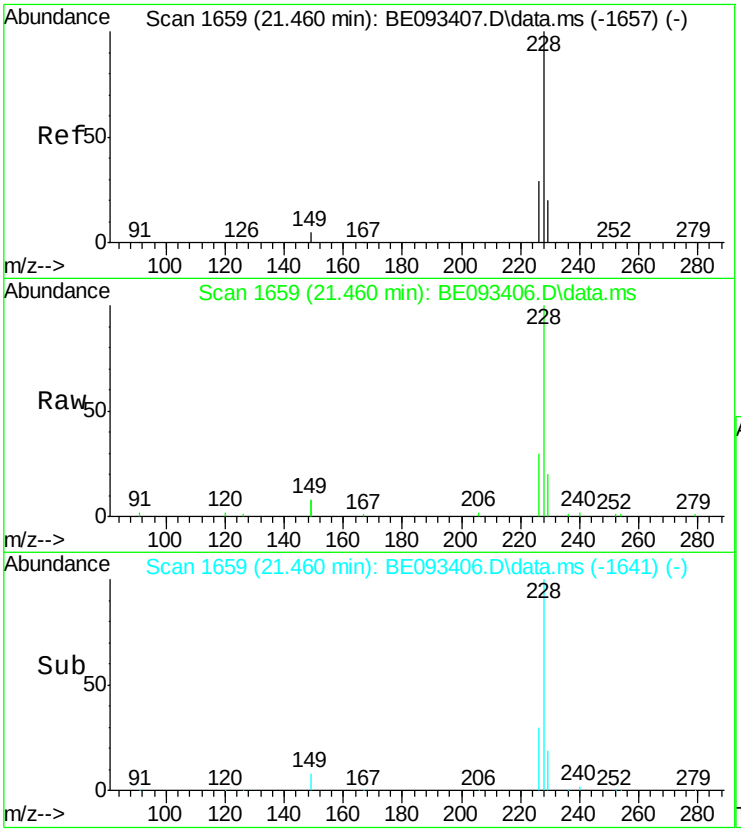


#30
Benzo(a)anthracene
Concen: 0.19 ng
RT: 21.404 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:228 Resp: 18535

Ion	Ratio	Lower	Upper
228	100		
226	27.7	19.7	29.5
229	19.5	19.2	28.8



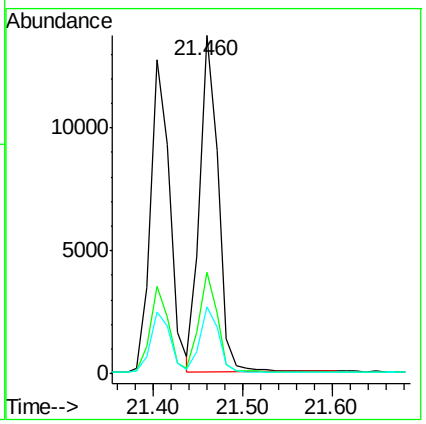


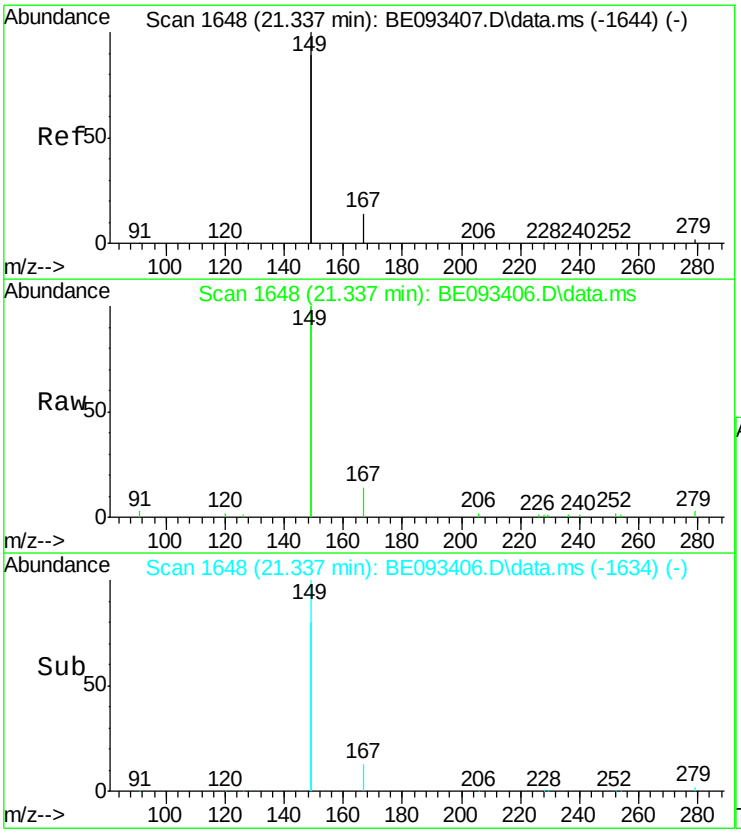
#31
Chrysene
Concen: 0.20 ng
RT: 21.460 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 19595

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.5	32.3
229	19.6	18.6	28.0

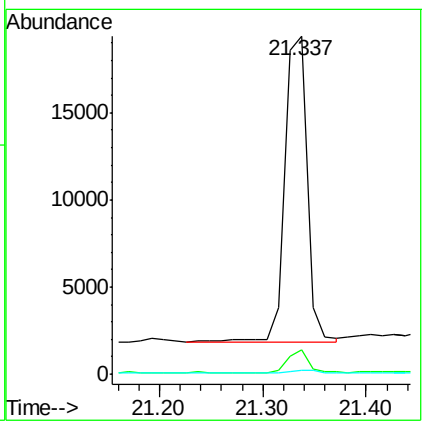


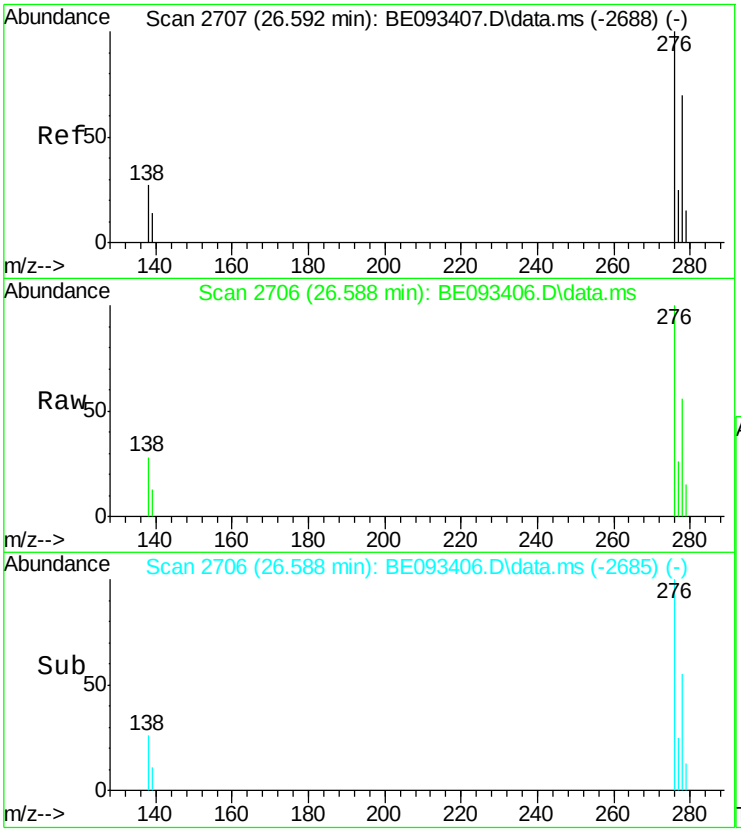


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.337 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:149 Resp: 26232

Ion	Ratio	Lower	Upper
149	100		
167	6.5	20.1	30.1#
279	1.1	2.2	3.4#



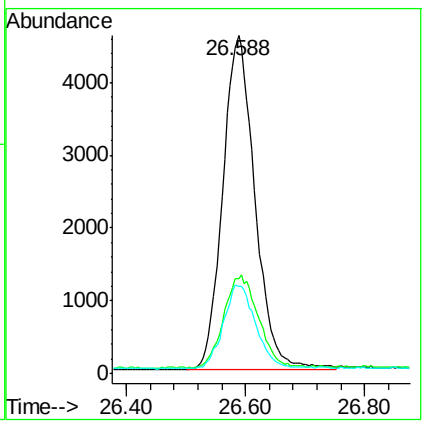


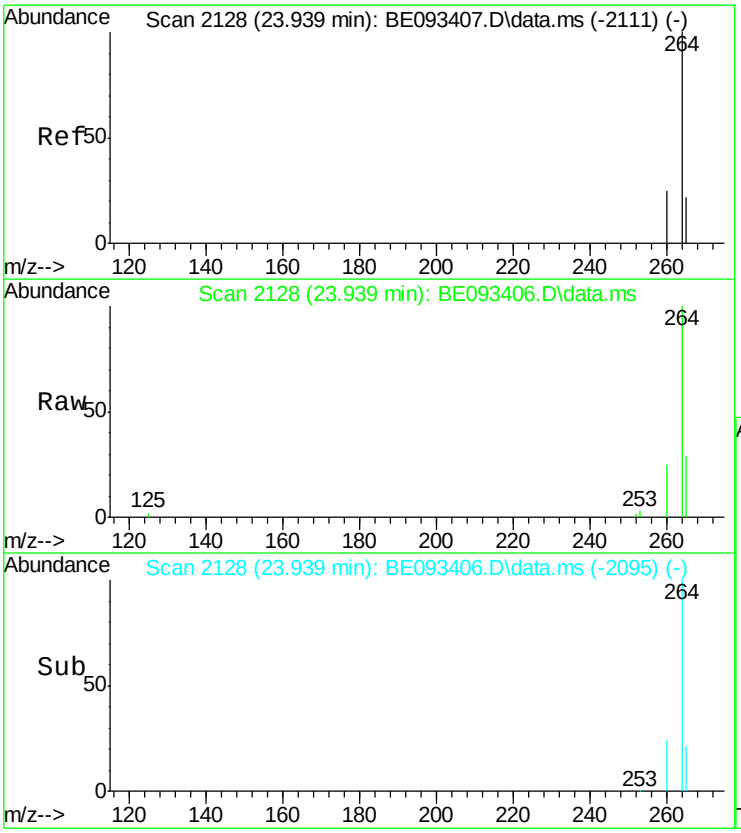
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 26.588 min Scan# 27
Delta R.T. -0.004 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 17203

Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.4	41.2
277	25.0	20.1	30.1

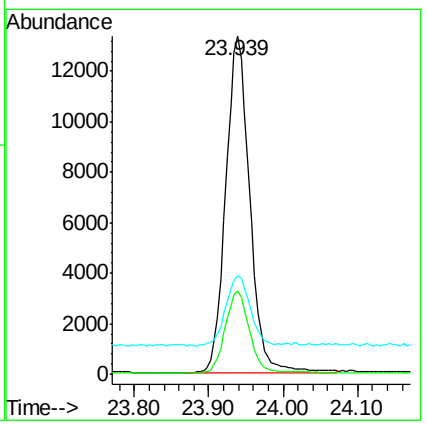


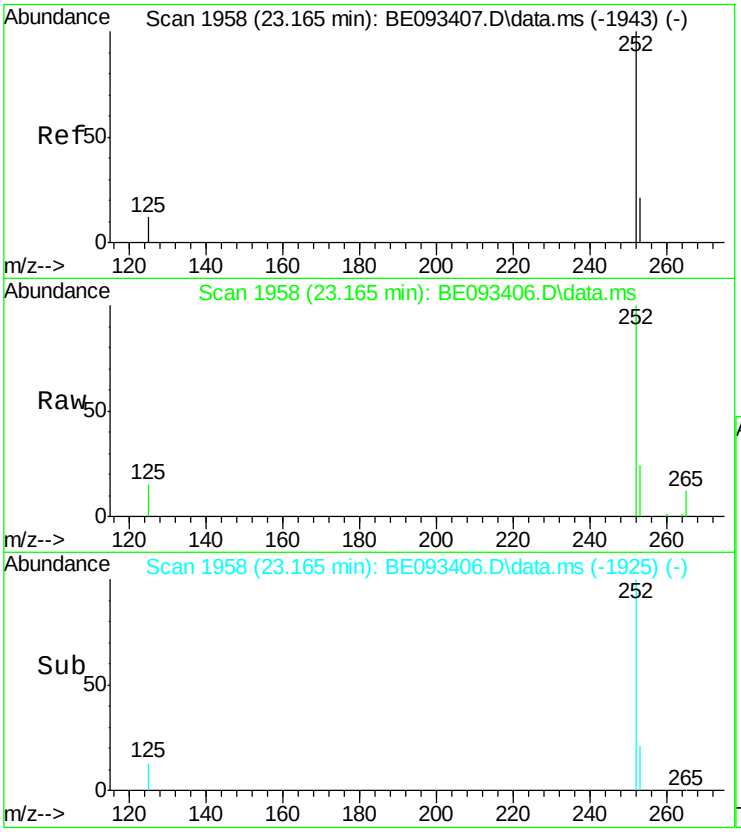


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.939 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:264 Resp: 29585

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	29.0	24.6	36.8



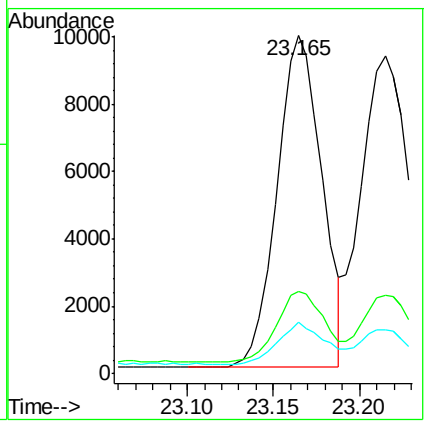


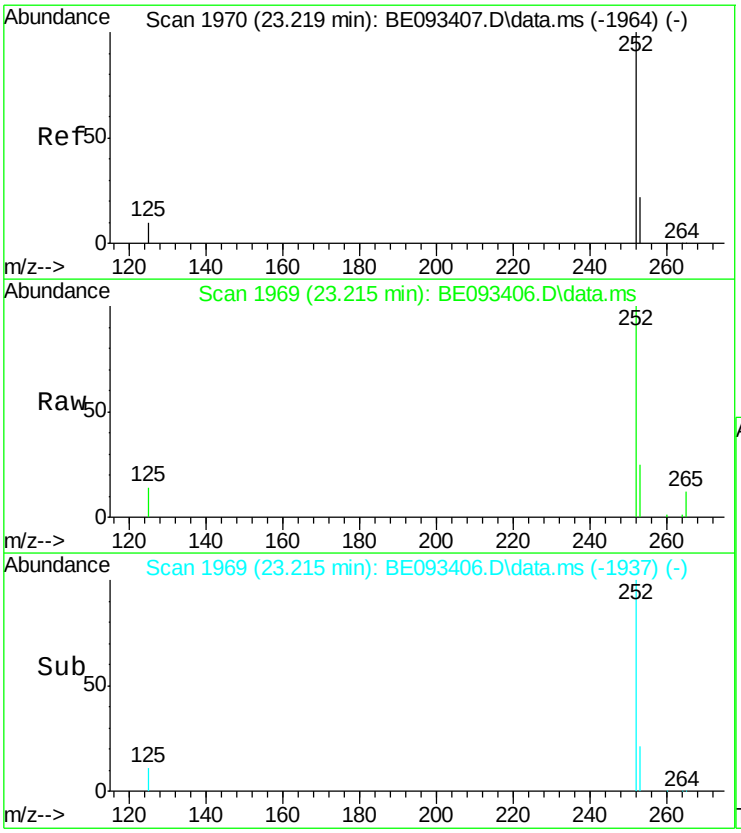
#35
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 23.165 min Scan# 19
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 17795

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	15.0	13.4	20.0

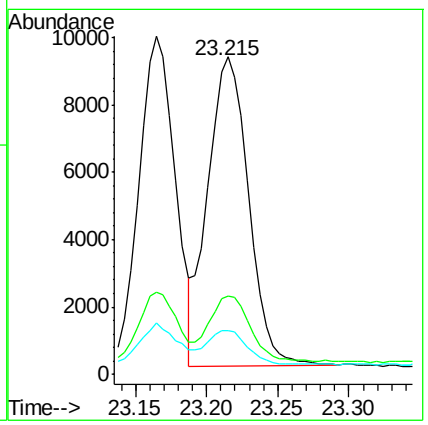


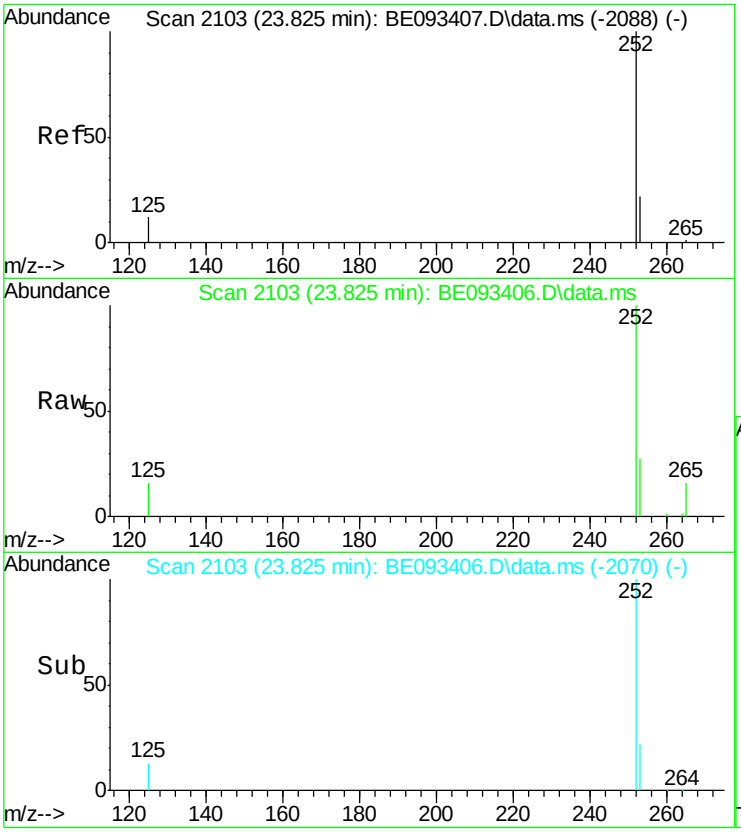


#36
Benzo(k)fluoranthene
Concen: 0.20 ng
RT: 23.215 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:252 Resp: 18254

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.3	30.5
125	13.8	12.2	18.4



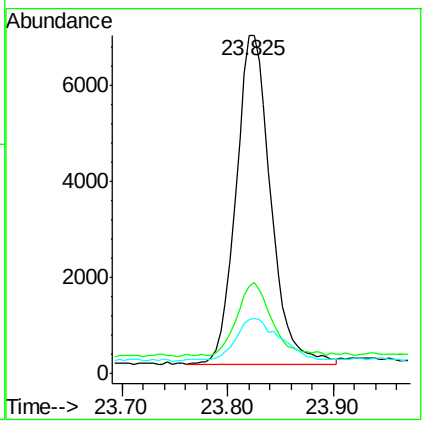


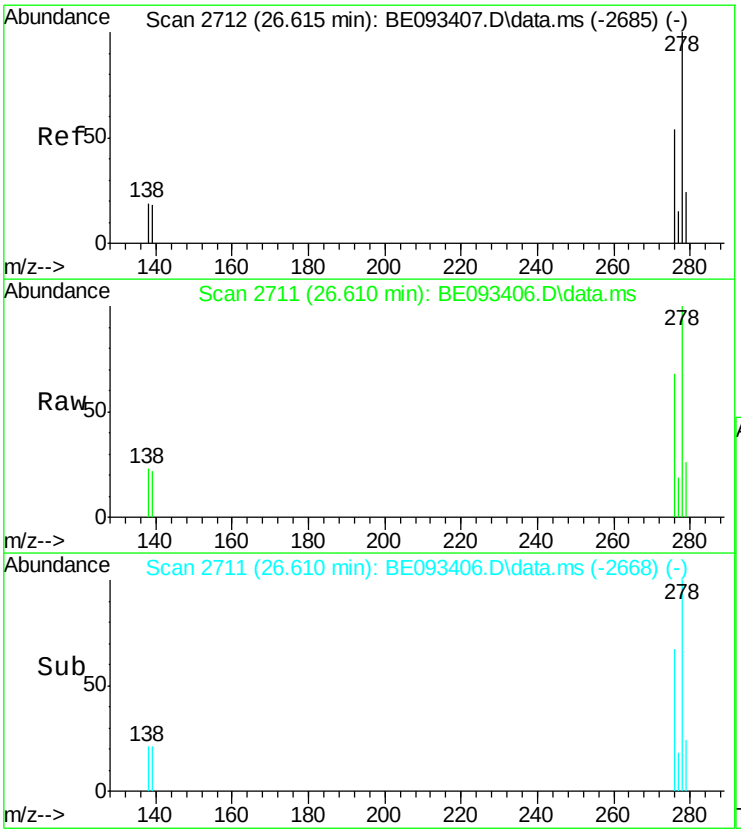
#37
Benzo(a)pyrene
Concen: 0.19 ng
RT: 23.825 min Scan# 21
Delta R.T. 0.000 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15595

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.9	29.9
125	16.2	14.6	21.8

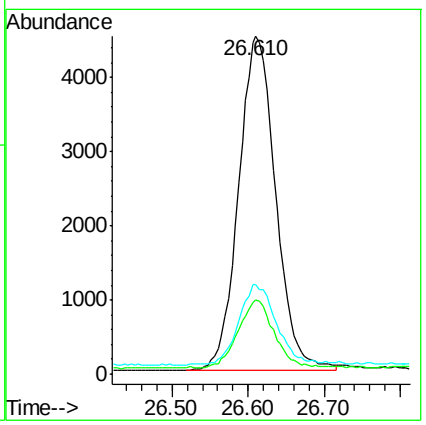


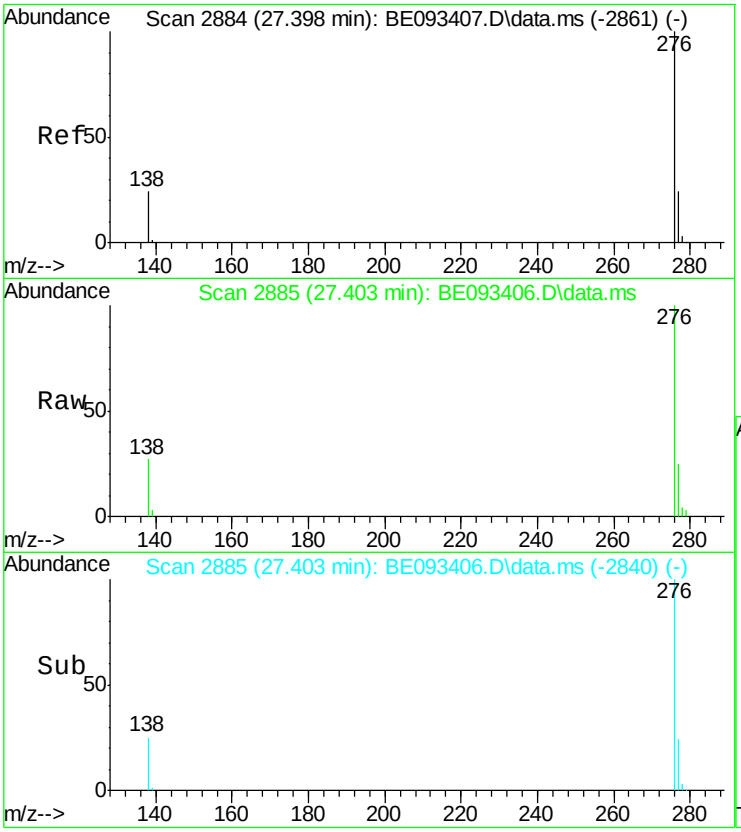


#38
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.610 min Scan# 2711
Delta R.T. -0.004 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Tgt Ion:278 Resp: 15266

Ion	Ratio	Lower	Upper
278	100		
139	22.2	21.4	32.0
279	26.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.403 min Scan# 28
Delta R.T. 0.005 min
Lab File: BE093406.D
Acq: 2 Jul 2017 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 15774

Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.2	31.8
138	26.5	24.5	36.7