Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093434.D
Acq On : 7 Jul 2017 8:55
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 07 18:06:18 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	7.943	152	3767	0.40	ng		0.00
7) Naphthalene-d8	10.723	136	19441	0.40	ng		0.00
13) Acenaphthene-d10	14.539	164	12125	0.40	ng		0.00
19) Phenanthrene-d10	17.267	188	30900	0.40	ng		0.00
27) Chrysene-d12	21.427	240	36438	0.40	ng		0.00
34) Perylene-d12	23.933	264	31337	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.526	112	4713	0.41	ng		0.00
5) Phenol-d6	7.099	99	7130	0.43	ng		0.00
8) Nitrobenzene-d5	9.078	82	5337	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.307	152	12986	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.028	330	1361	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	19690	0.42	ng		0.00
25) Fluoranthene-d10	19.290	212	150819	0.40	ng		0.00
29) Terphenyl-d14	19.874	244	27930	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	3129	0.39	ng		97
3) n-Nitrosodimethylamine	3.763	42	1763	0.43	ng	#	93
6) bis(2-Chloroethyl)ether	7.351	93	5375	0.43	ng	#	99
9) Naphthalene	10.774	128	84827	0.42	ng	#	73
10) Hexachlorobutadiene	11.076	225	3214	0.42	ng		99
12) 2-Methylnaphthalene	12.380	142	14279	0.42	ng		97
16) Acenaphthylene	14.258	152	20319	0.40	ng	#	87
17) Acenaphthene	14.598	154	15268	0.41	ng		98
18) Fluorene	15.591	166	20014	0.39	ng	#	87
20) 4-Bromophenyl-phenylether	16.452	248	7638	0.45	ng	#	21
21) Hexachlorobenzene	16.583	284	8339	0.46	ng	#	100
22) Pentachlorophenol	16.909	266	1021	0.43	ng	#	75
23) Phenanthrene	17.300	178	48311	0.43	ng		98
24) Anthracene	17.300	178	49876	0.72	ng		99
26) Fluoranthene	19.319	202	42691	0.40	ng		98
28) Pyrene	19.674	202	43593	0.43	ng	#	99
30) Benzo(a)anthracene	21.405	228	41782	0.42	ng		93
31) Chrysene	21.460	228	42658	0.41	ng		93
32) Bis(2-ethylhexyl)phtha...	21.327	149	58607	0.41	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.582	276	40141	0.44	ng		95
35) Benzo(b)fluoranthene	23.163	252	39964	0.39	ng	#	95
36) Benzo(k)fluoranthene	23.163	252	39964	0.40	ng		95
37) Benzo(a)pyrene	23.819	252	36236	0.41	ng	#	93
38) Dibenzo(a,h)anthracene	26.605	278	35589	0.41	ng	#	90
39) Benzo(g,h,i)perylene	27.402	276	35810	0.41	ng		93

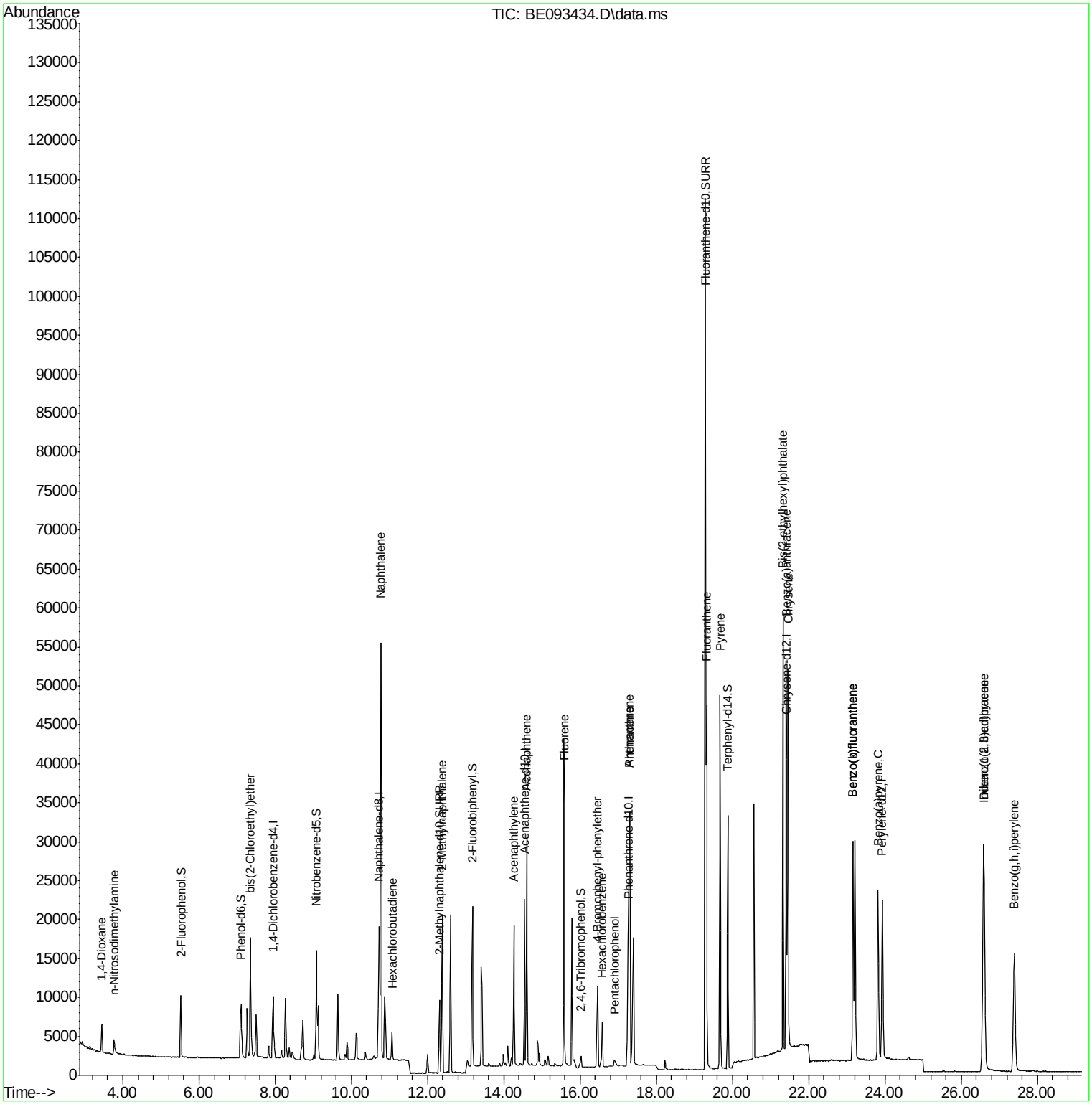
(#) = qualifier out of range (m) = manual integration (+) = signals summed

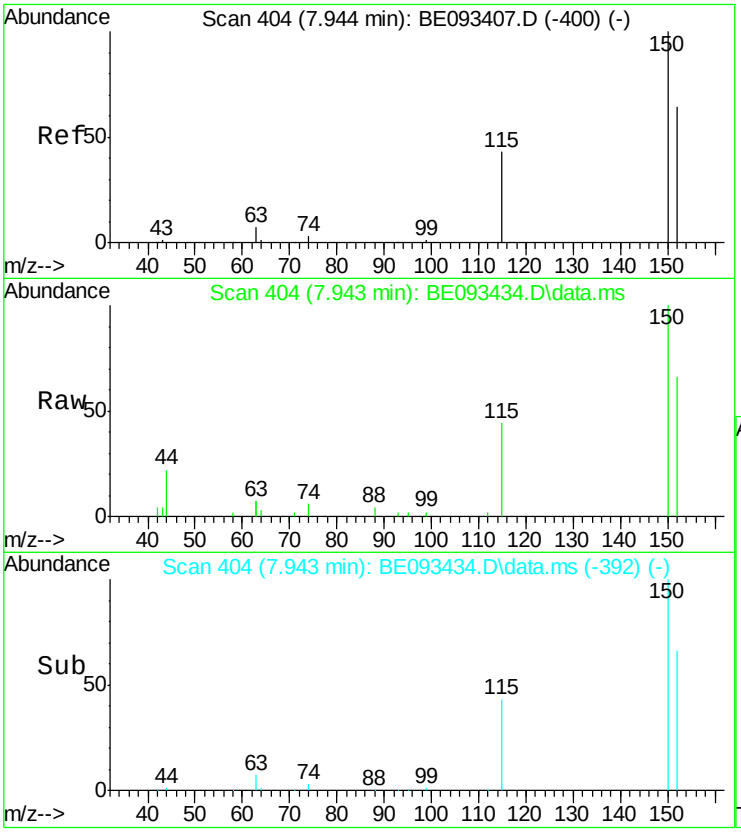
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070717\
Data File : BE093434.D
Acq On : 7 Jul 2017 8:55
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 07 18:06:18 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



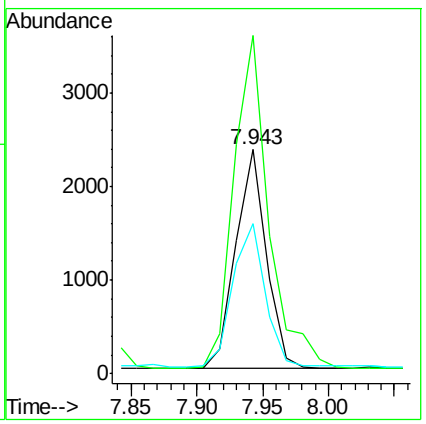


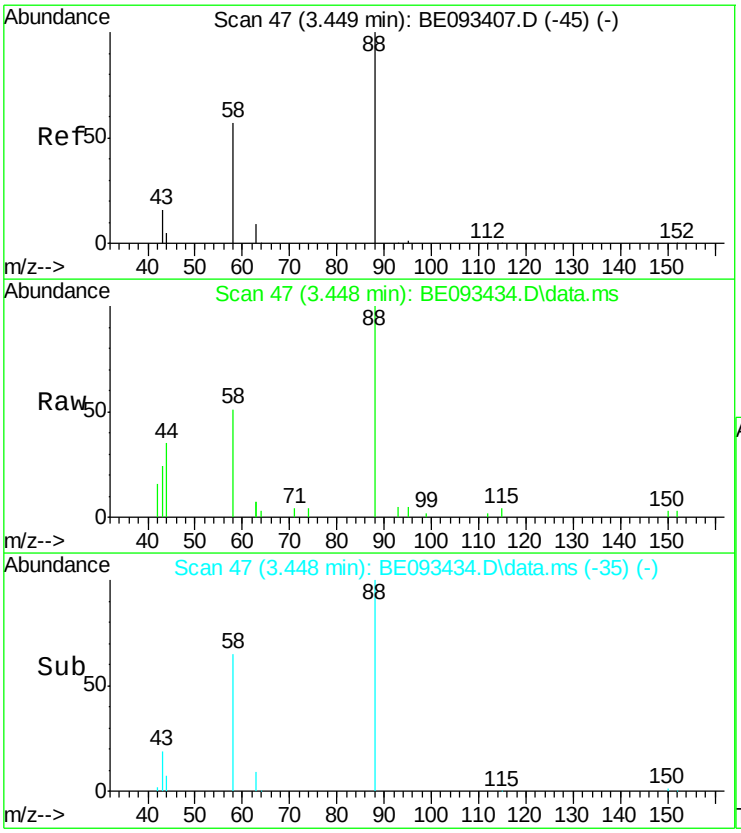
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.943 min Scan# 40
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3767

Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.1	187.7
115	66.8	55.7	83.5

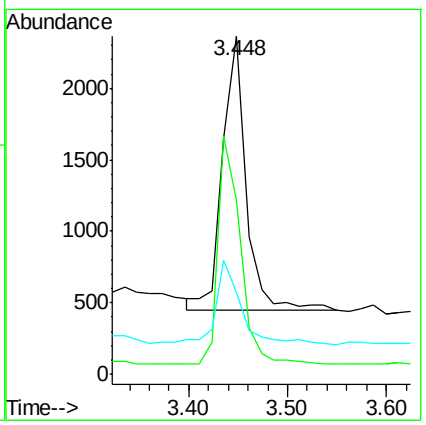


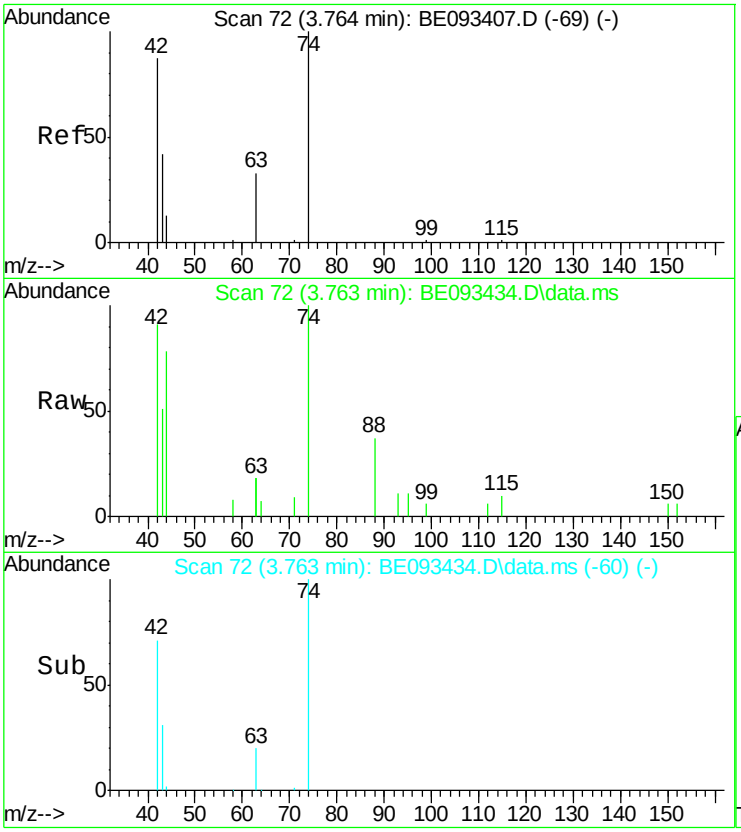


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.448 min Scan# 47
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion: 88 Resp: 3129

Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.2	93.4
43	33.5	23.2	34.8



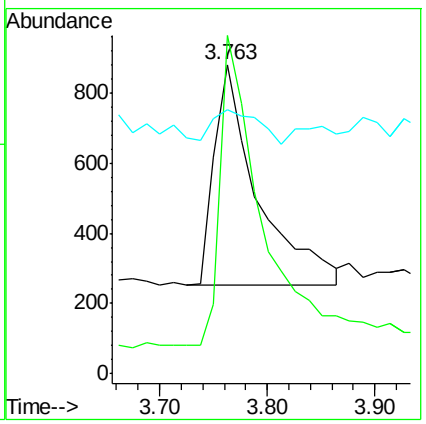


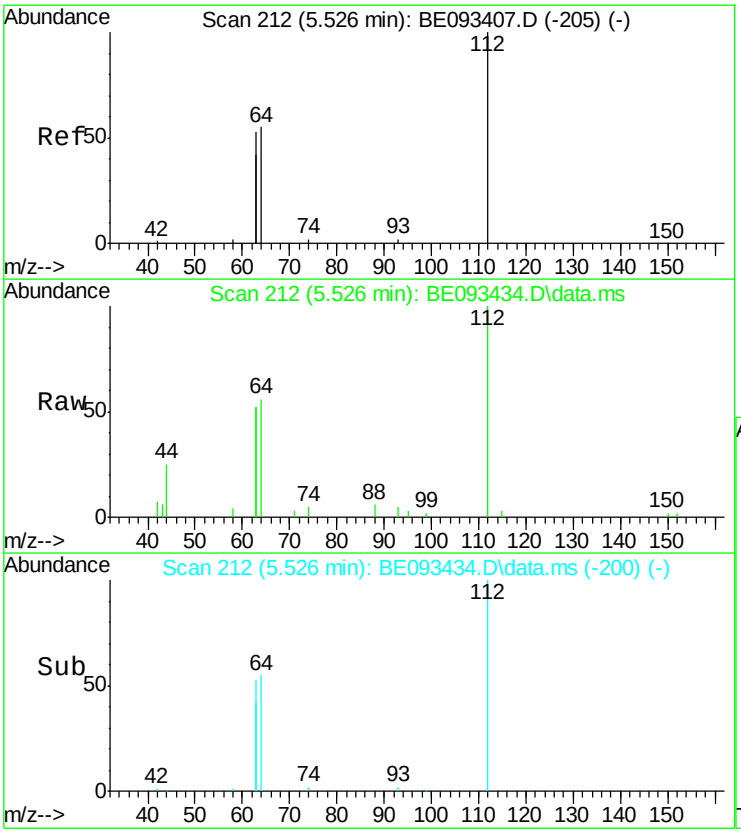
#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.763 min Scan# 72
Delta R.T. 0.000 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1763

Ion	Ratio	Lower	Upper
42	100		
74	131.4	99.1	148.7
44	16.1	7.4	11.2#

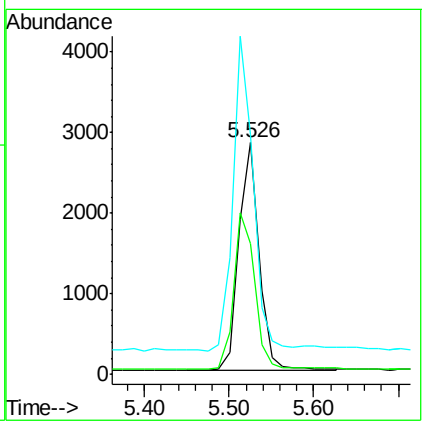


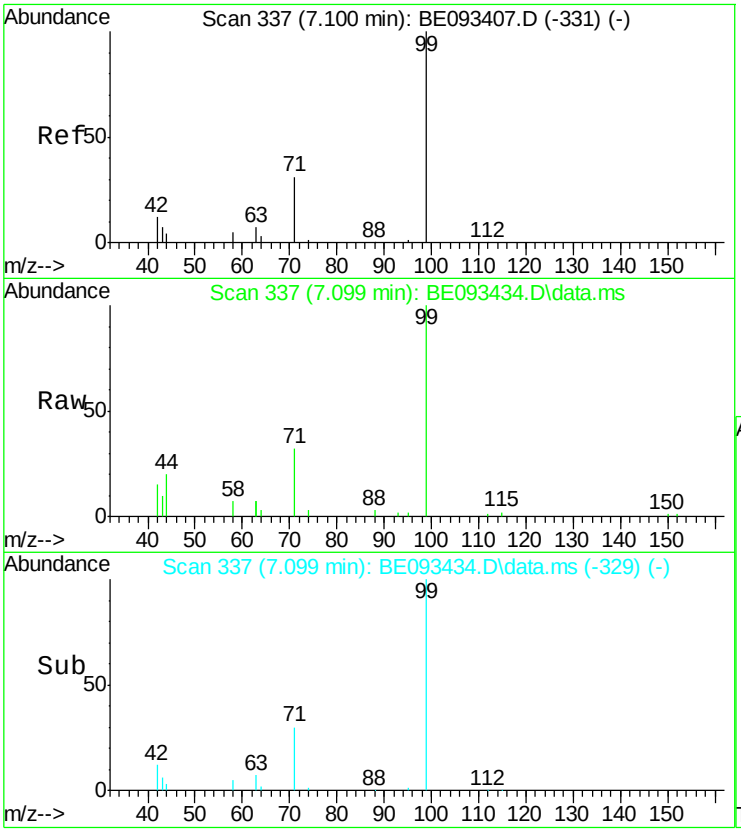


#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.526 min Scan# 212
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:112 Resp: 4713

Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.4	84.6
63	136.5	29.3	43.9#



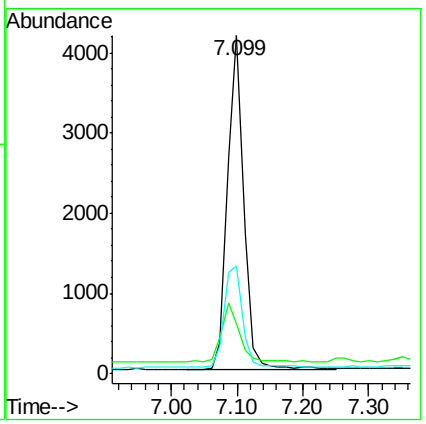


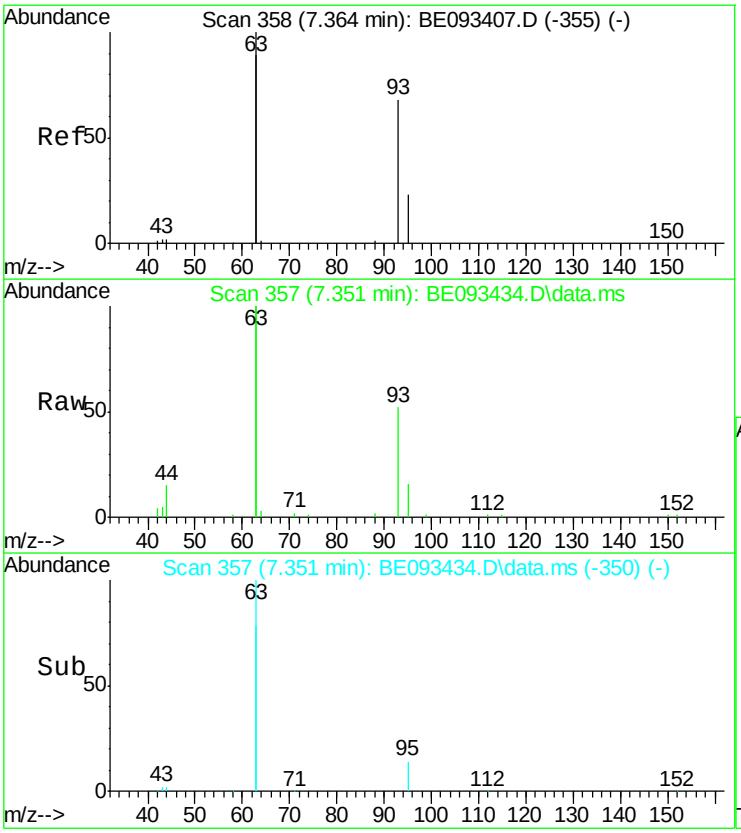
#5
Phenol-d6
Concen: 0.43 ng
RT: 7.099 min Scan# 33
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7130

Ion	Ratio	Lower	Upper
99	100		
42	19.9	0.0	0.0#
71	34.4	0.0	0.0#

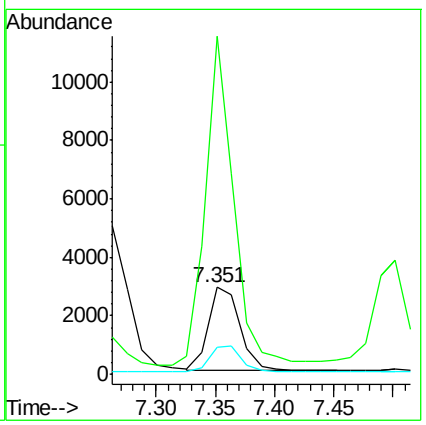


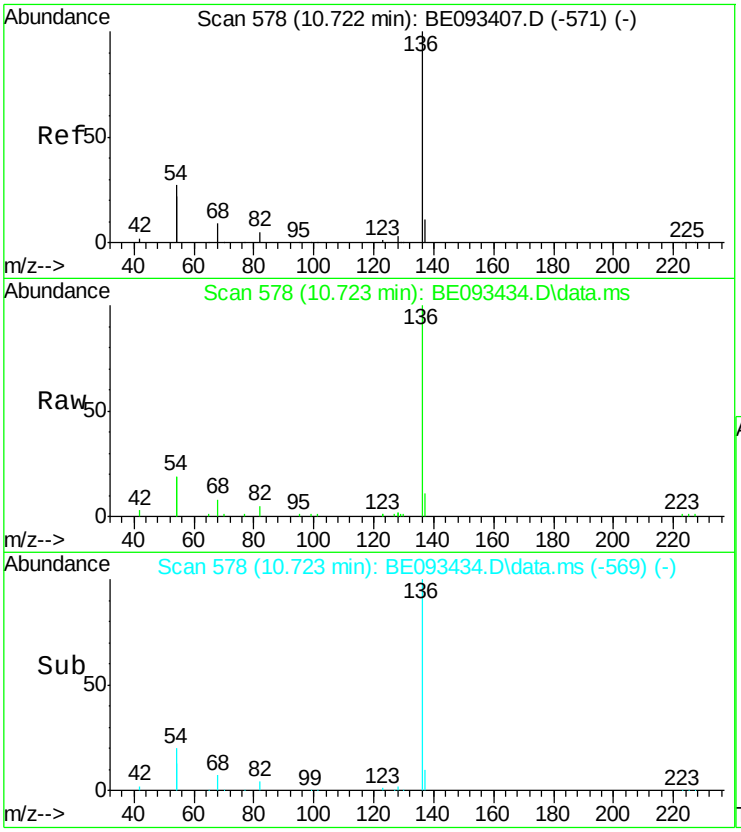


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.351 min Scan# 357
Delta R.T. -0.013 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion: 93 Resp: 5375

Ion	Ratio	Lower	Upper
93	100		
63	345.7	0.0	0.0#
95	32.4	25.4	38.0



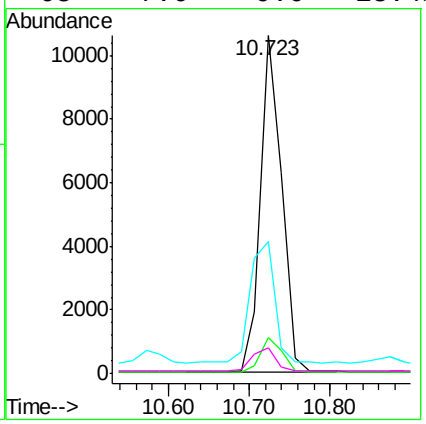


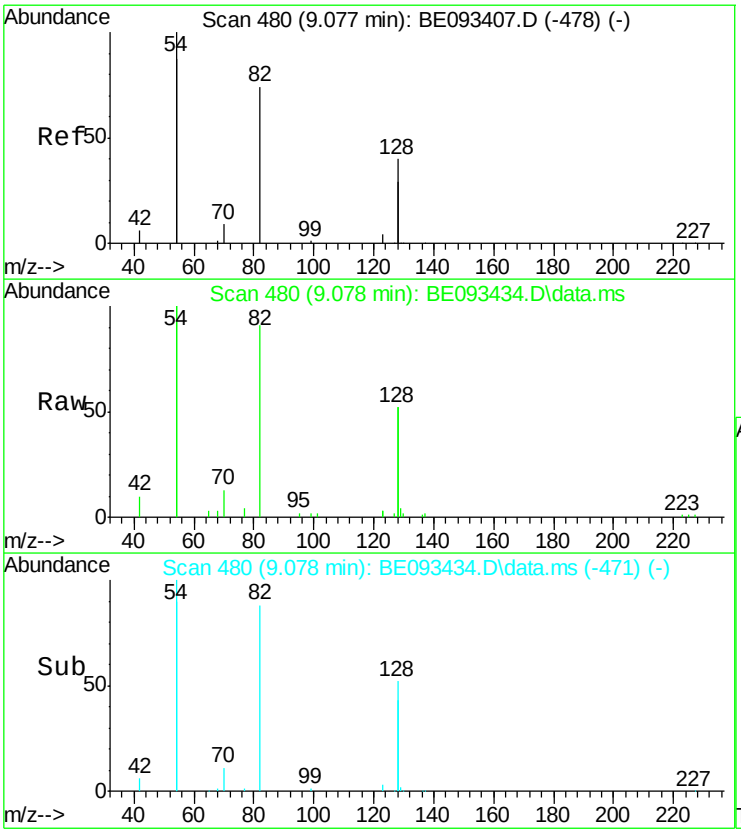
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.723 min Scan# 57
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 19441

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.8
54	39.0	10.3	15.5#
68	7.6	9.0	13.4#

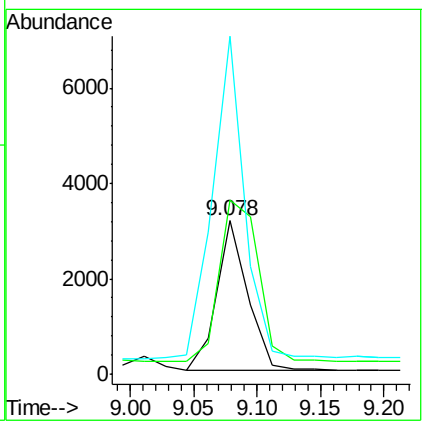


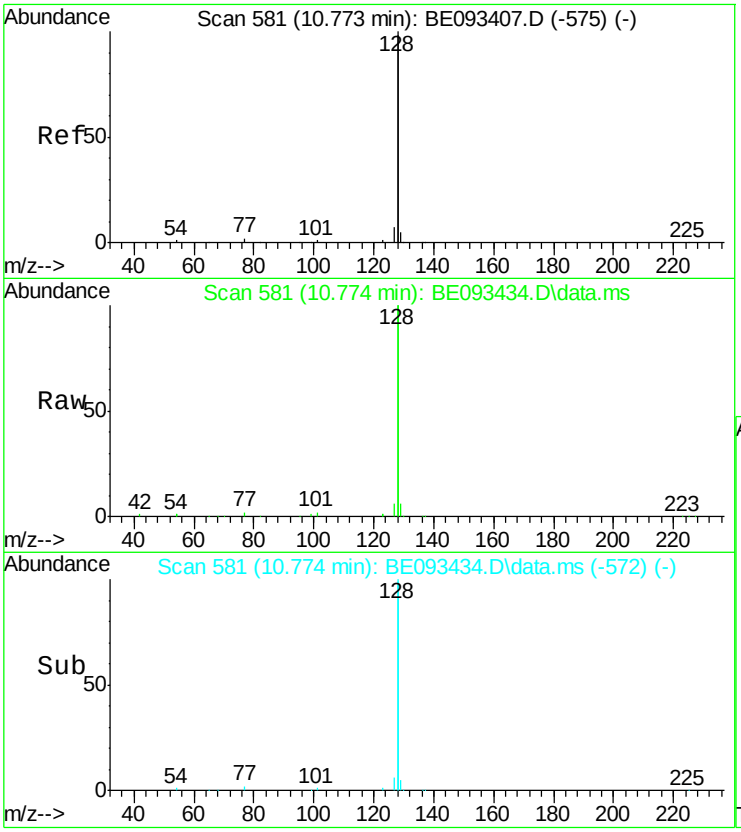


#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 9.078 min Scan# 480
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion: 82 Resp: 5337

Ion	Ratio	Lower	Upper
82	100		
128	113.9	17.0	25.4#
54	220.5	53.8	80.6#



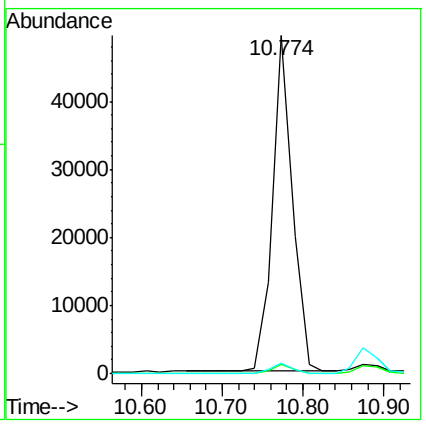


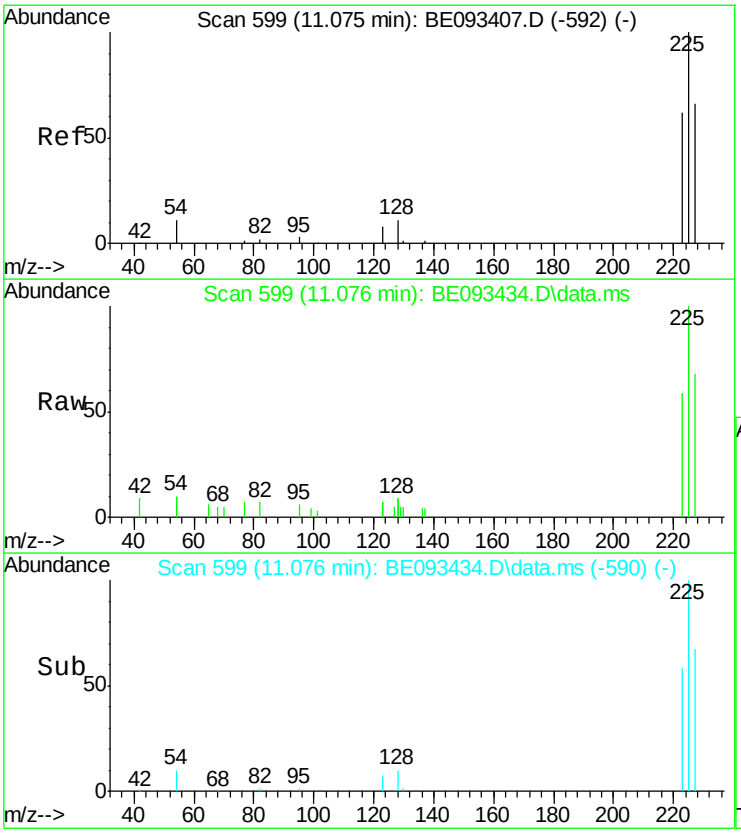
#9
Naphthalene
Concen: 0.42 ng
RT: 10.774 min Scan# 58
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 84827

Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.2	11.2	16.8#

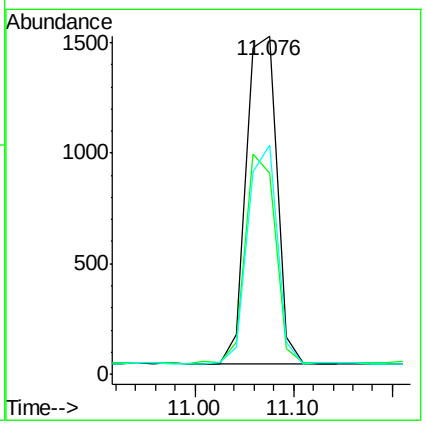


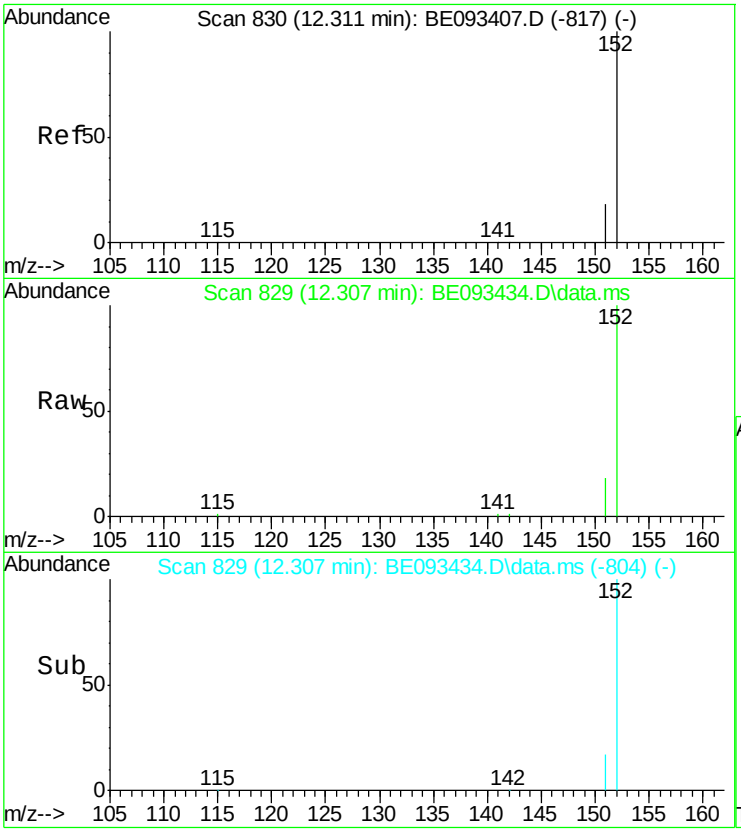


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.076 min Scan# 599
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:225 Resp: 3214

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	64.0	50.3	75.5



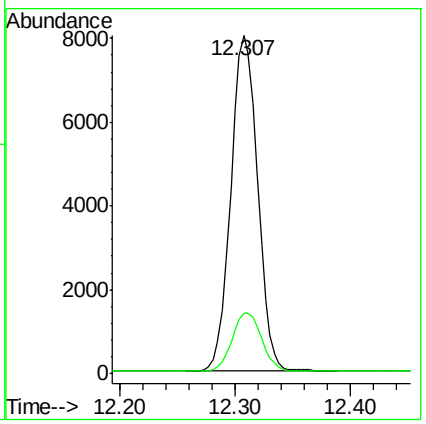


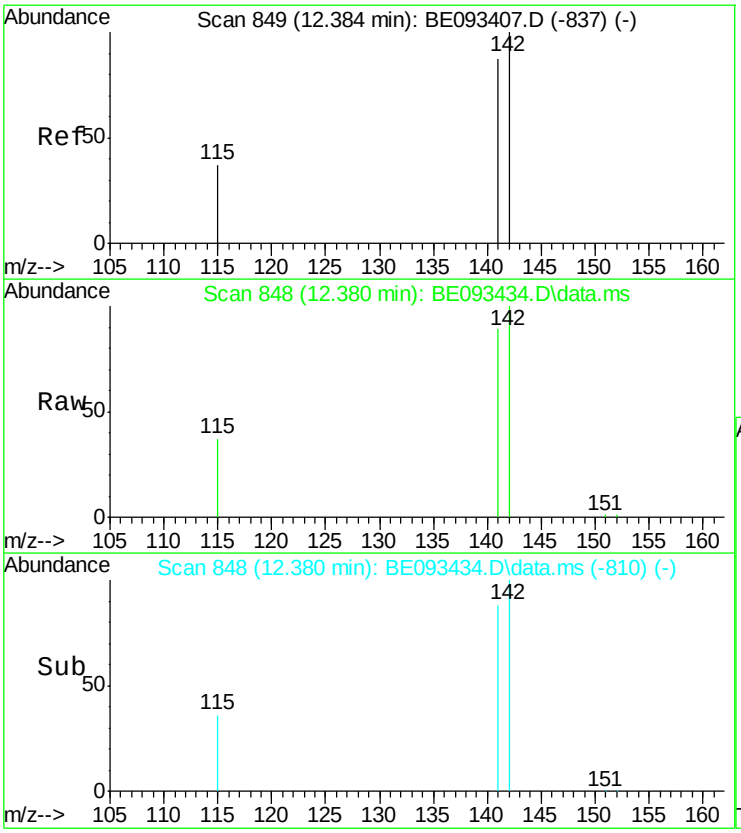
#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.307 min Scan# 82
Delta R.T. -0.004 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12986

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

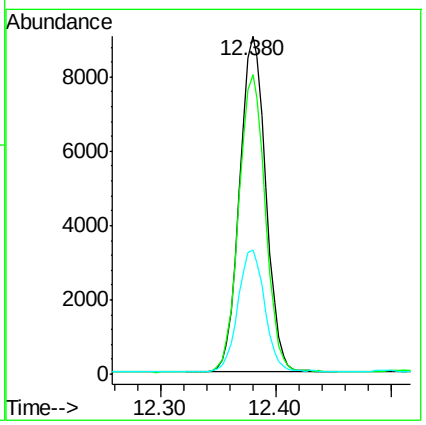


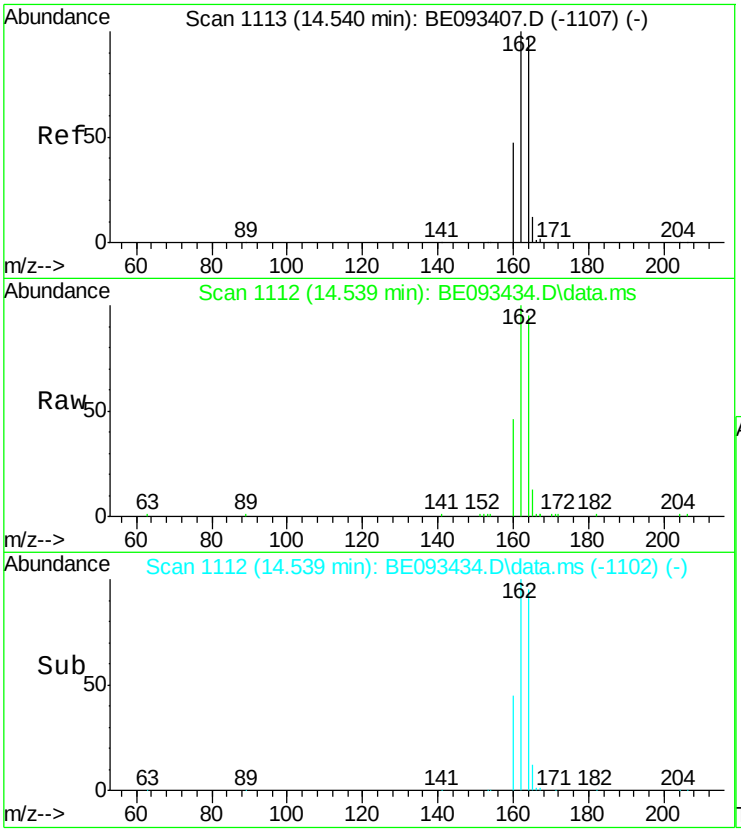


#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.380 min Scan# 848
Delta R.T. -0.004 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:142 Resp: 14279

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8
115	36.7	32.2	48.2



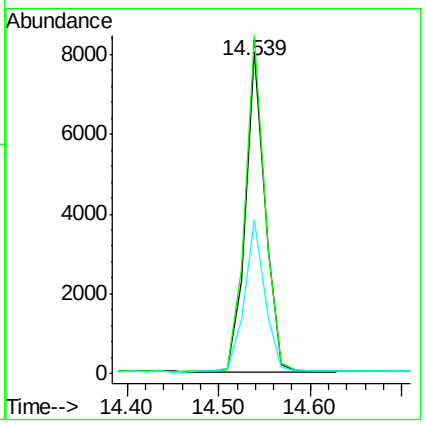


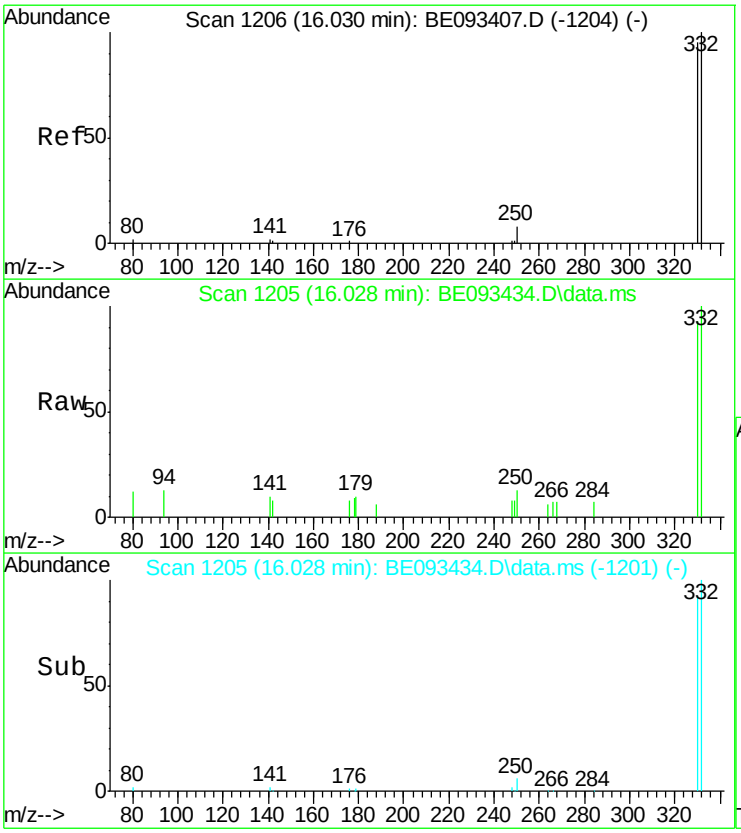
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.539 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12125

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.6	127.0
160	48.0	41.8	62.6

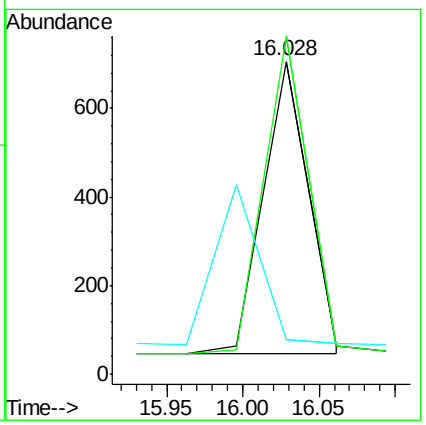


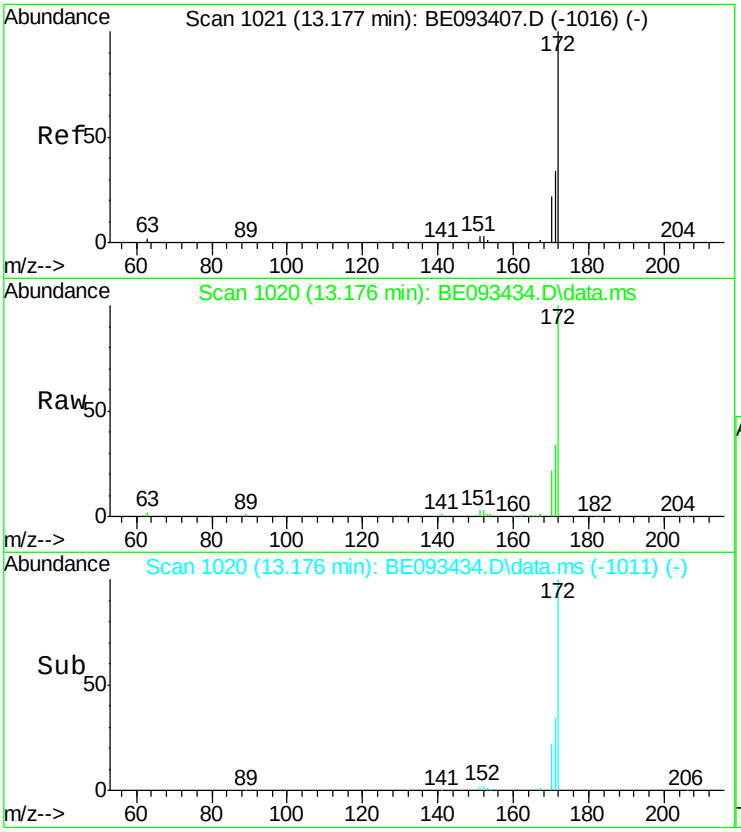


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.028 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:330 Resp: 1361

Ion	Ratio	Lower	Upper
330	100		
332	106.3	77.7	116.5
141	0.0	56.2	84.4#



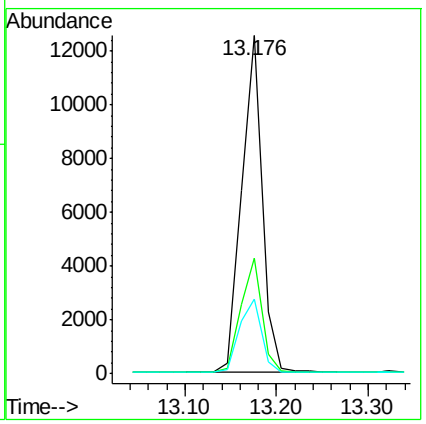


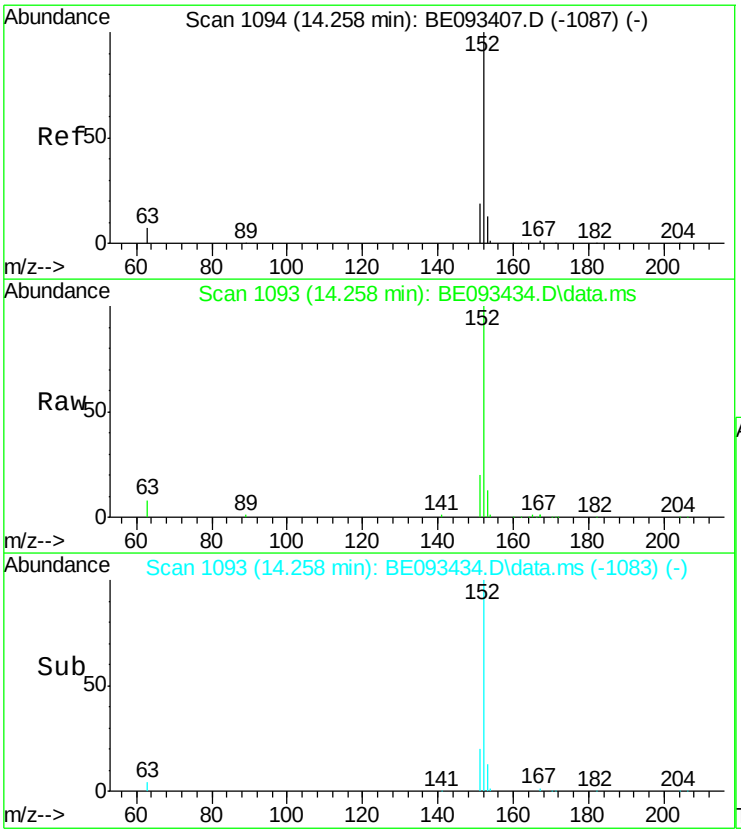
#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.176 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19690

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.8	44.6
170	22.2	20.7	31.1

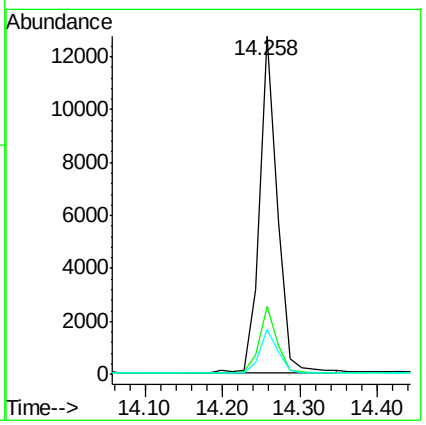


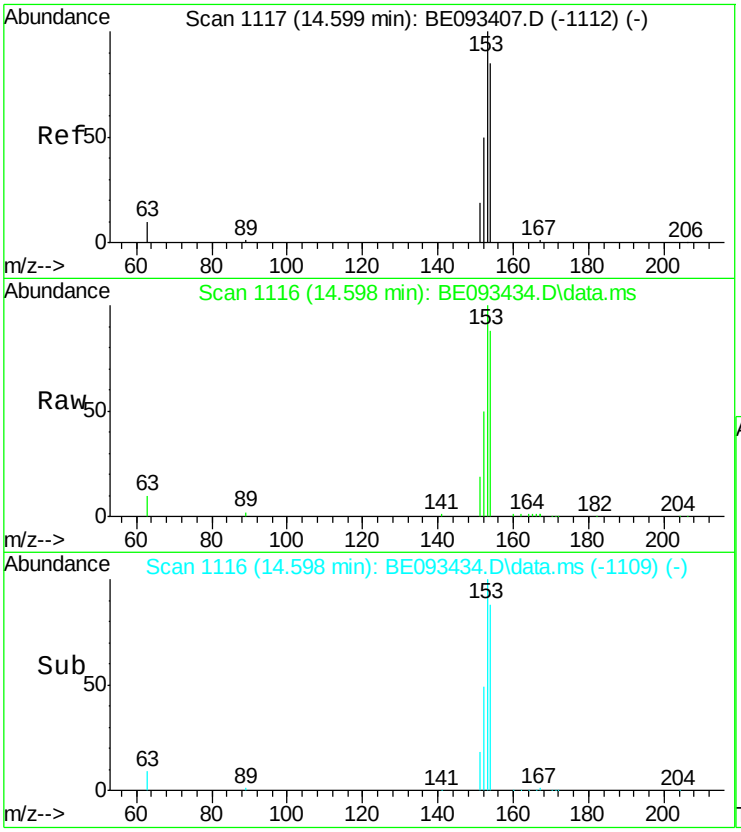


#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.258 min Scan# 1093
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:152 Resp: 20319

Ion	Ratio	Lower	Upper
152	100		
151	19.5	4.0	6.0#
153	13.3	10.3	15.5



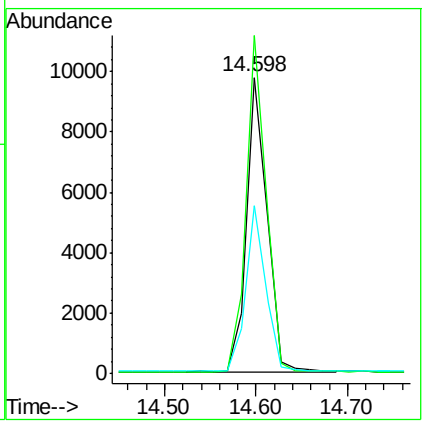


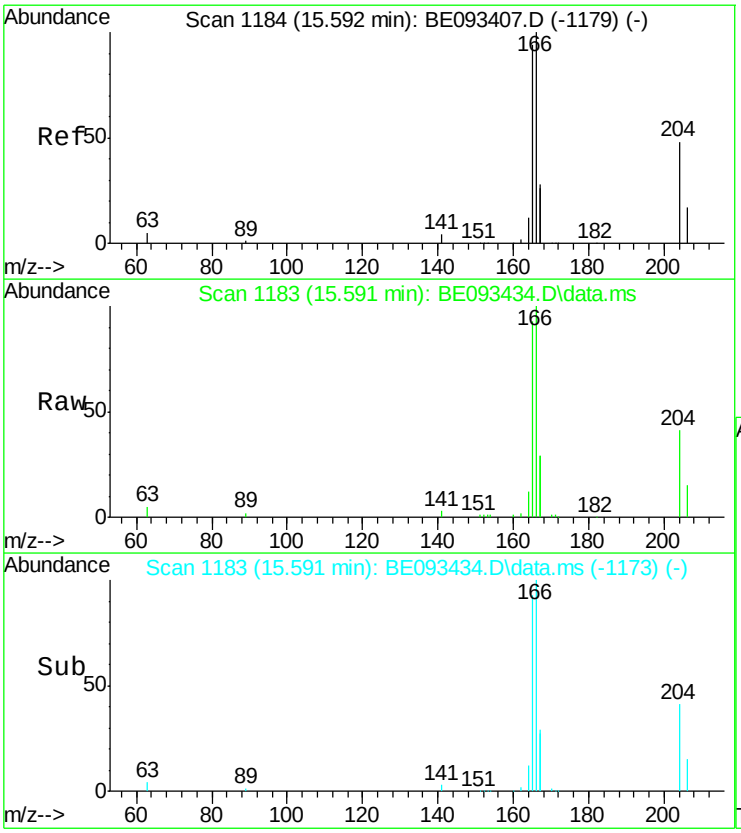
#17
Acenaphthene
Concen: 0.41 ng
RT: 14.598 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 15268

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	55.0	44.8	67.2

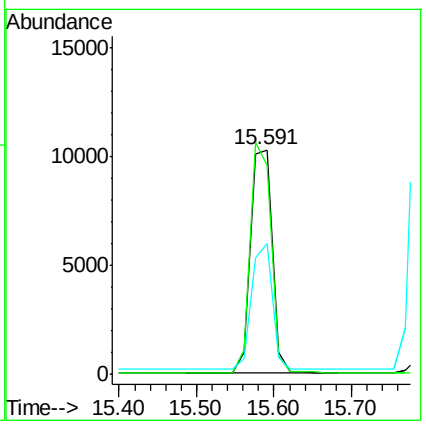


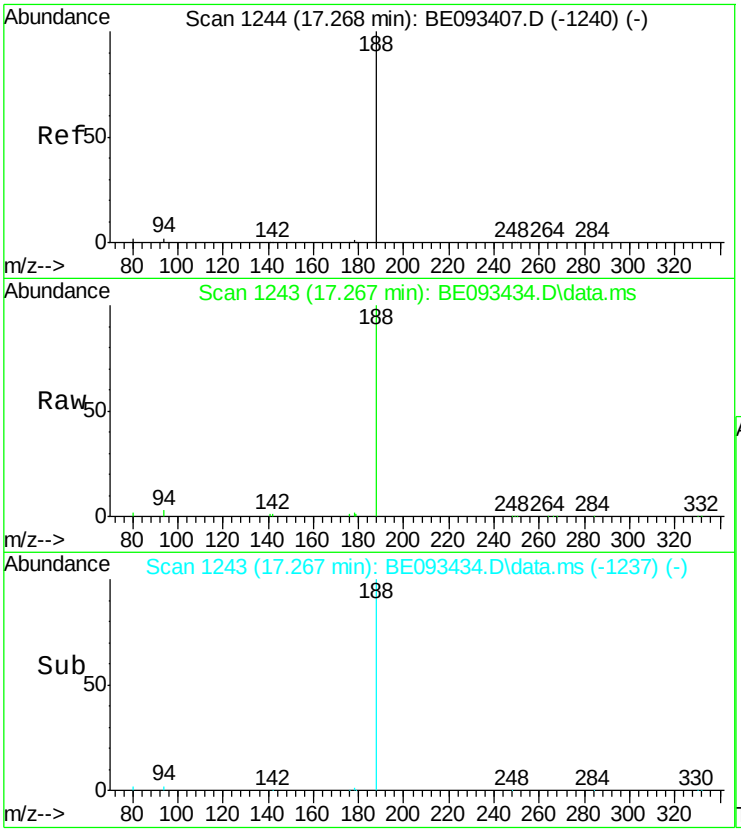


#18
Fluorene
Concen: 0.39 ng
RT: 15.591 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:166 Resp: 20014

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	53.7	11.1	16.7#



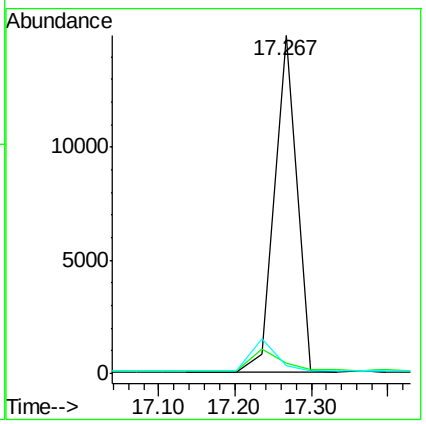


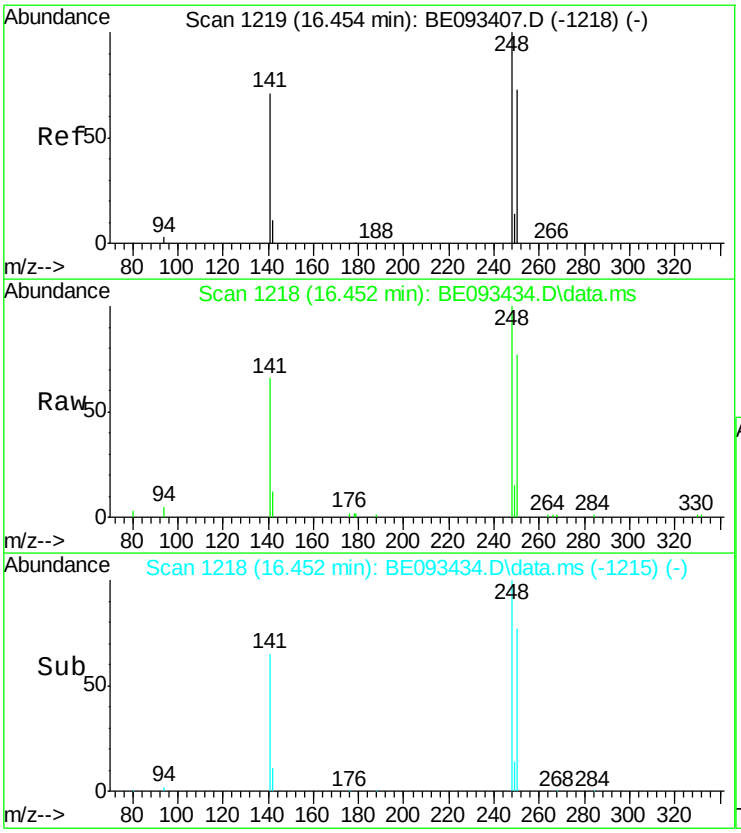
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.267 min Scan# 12
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 30900

Ion	Ratio	Lower	Upper
188	100		
94	3.0	11.3	16.9#
80	2.4	11.7	17.5#

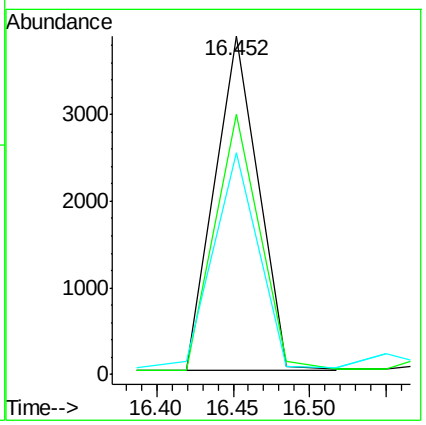


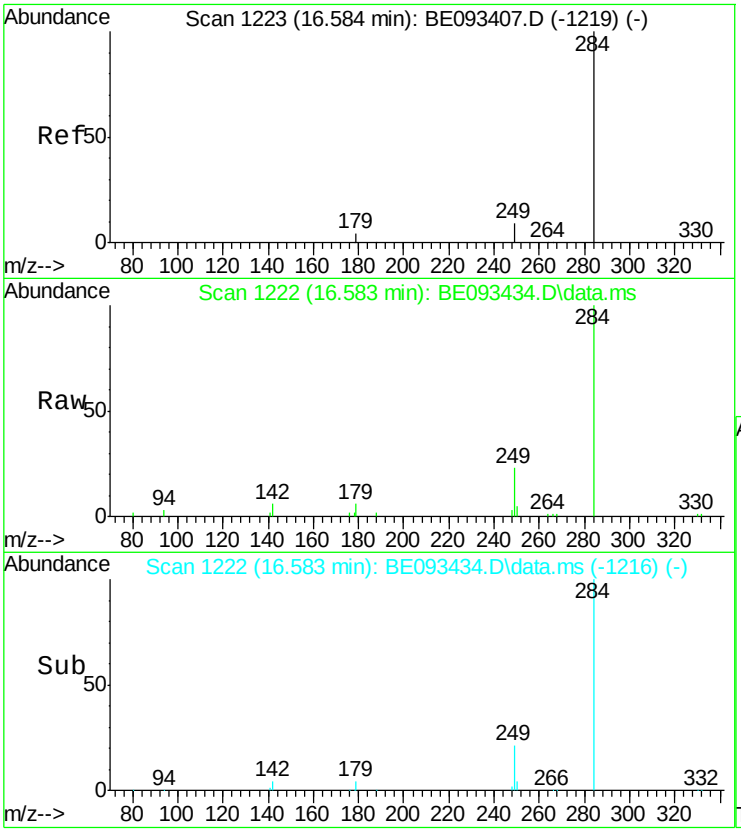


#20
4-Bromophenyl-phenylether
Concen: 0.45 ng
RT: 16.452 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:248 Resp: 7638

Ion	Ratio	Lower	Upper
248	100		
250	76.9	40.8	61.2#
141	65.7	161.6	242.4#



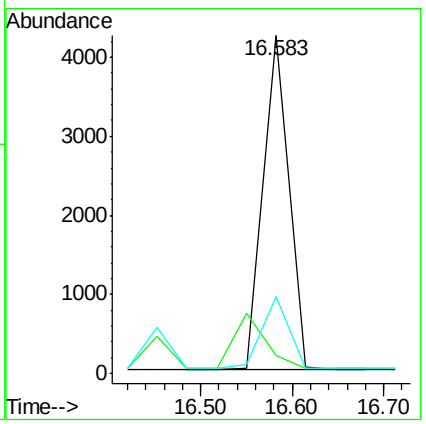


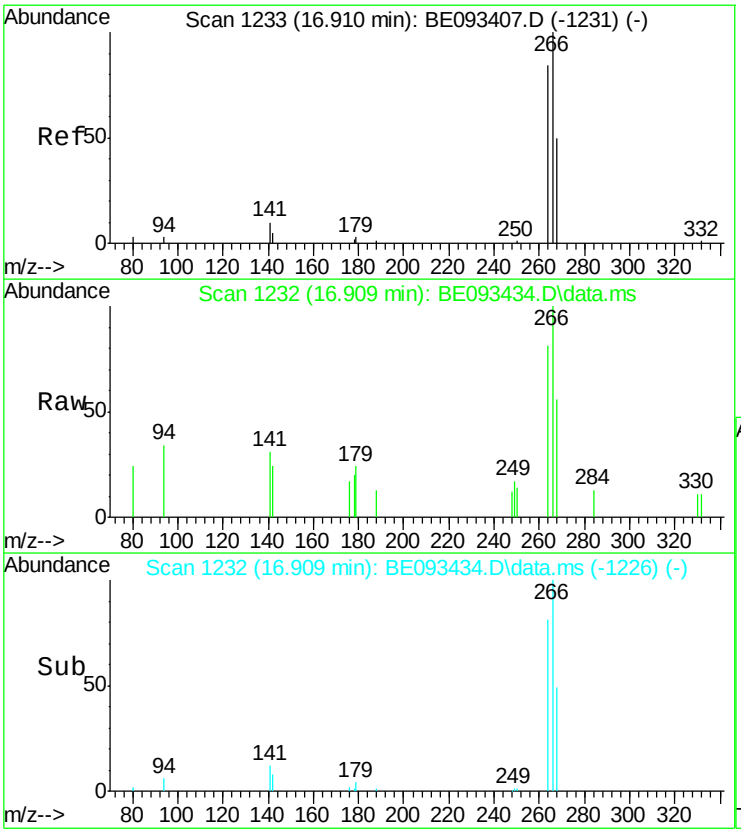
#21
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.583 min Scan# 12
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 8339

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	22.4	0.0	0.0#

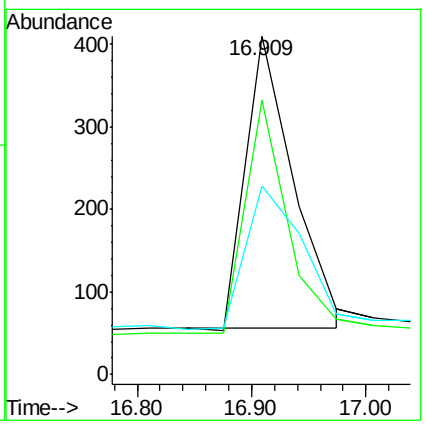


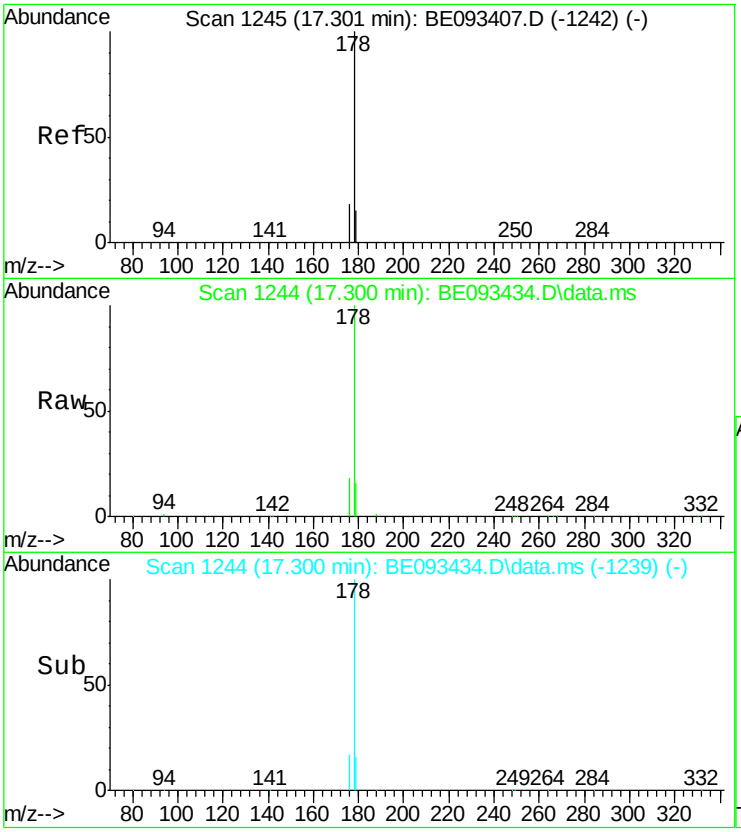


#22
Pentachlorophenol
Concen: 0.43 ng
RT: 16.909 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:266 Resp: 1021

Ion	Ratio	Lower	Upper
266	100		
264	81.2	58.2	87.2
268	55.9	71.9	107.9#



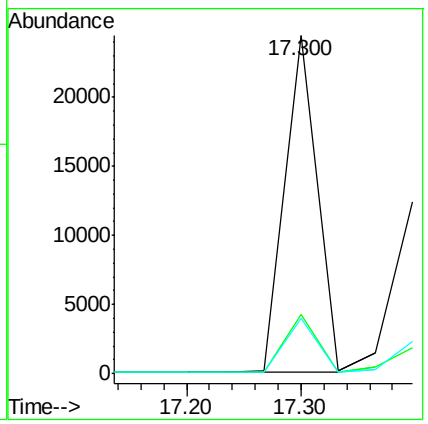


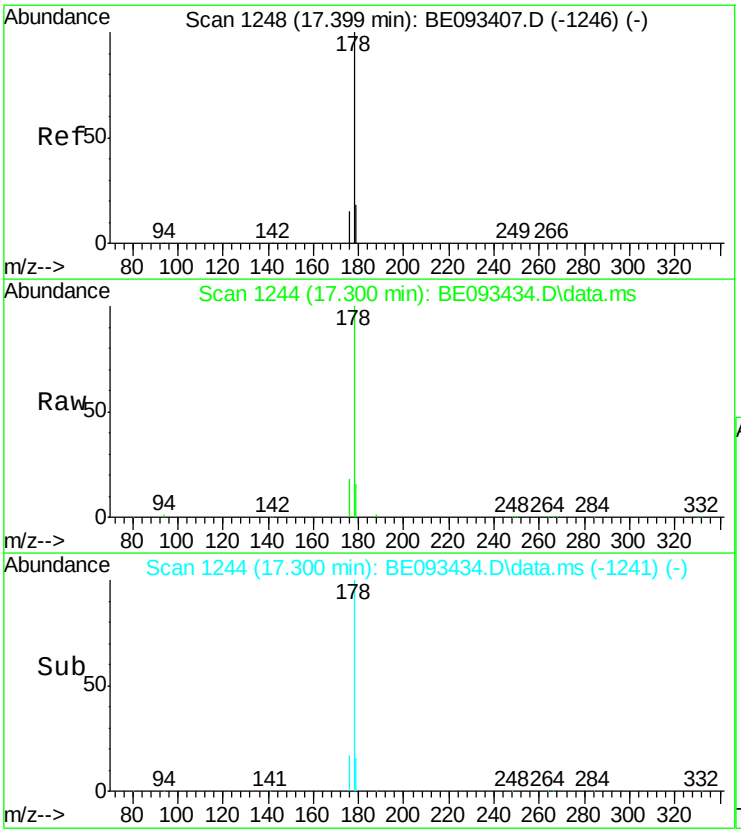
#23
Phenanthrene
Concen: 0.43 ng
RT: 17.300 min Scan# 12
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 48311

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	16.0	12.7	19.1

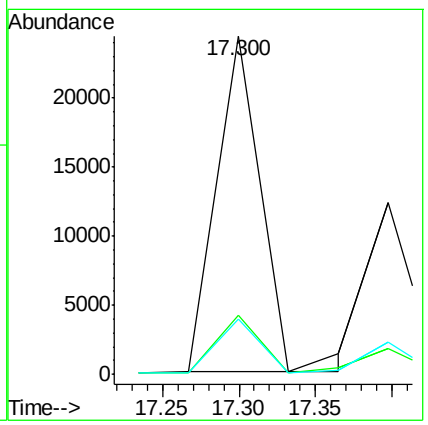


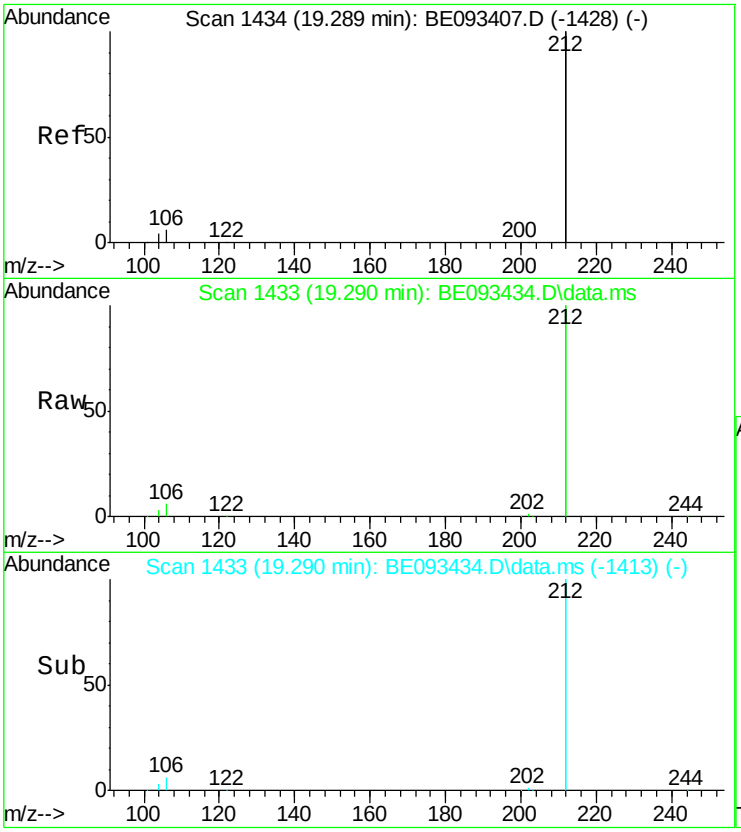


#24
Anthracene
Concen: 0.72 ng
RT: 17.300 min Scan# 1244
Delta R.T. -0.099 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:178 Resp: 49876

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	15.5	12.0	18.0



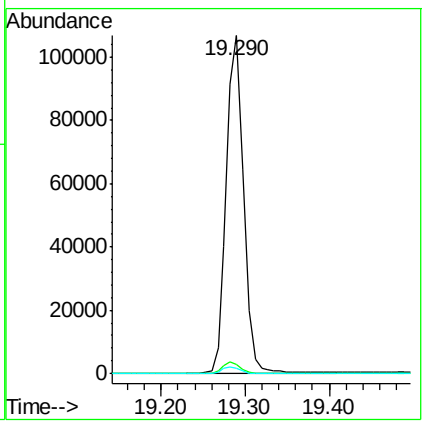


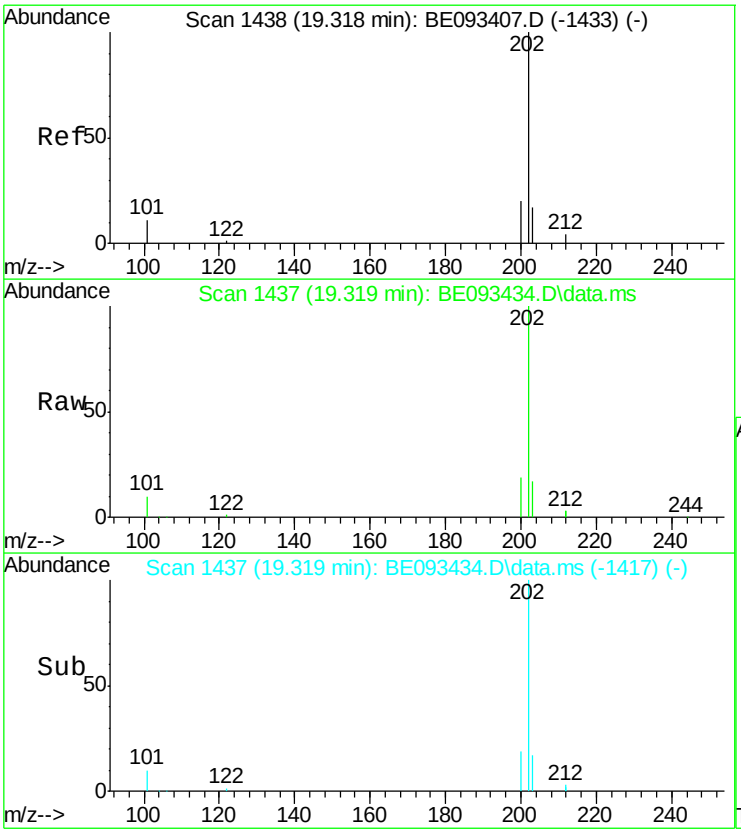
#25
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.290 min Scan# 14
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 150819

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

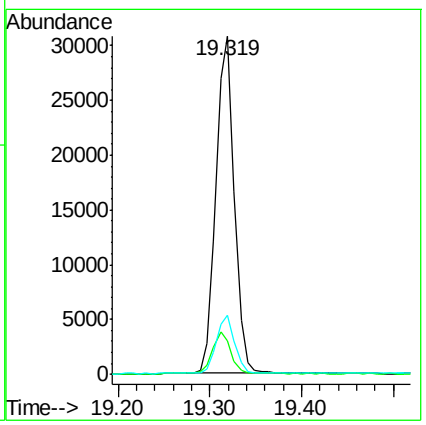


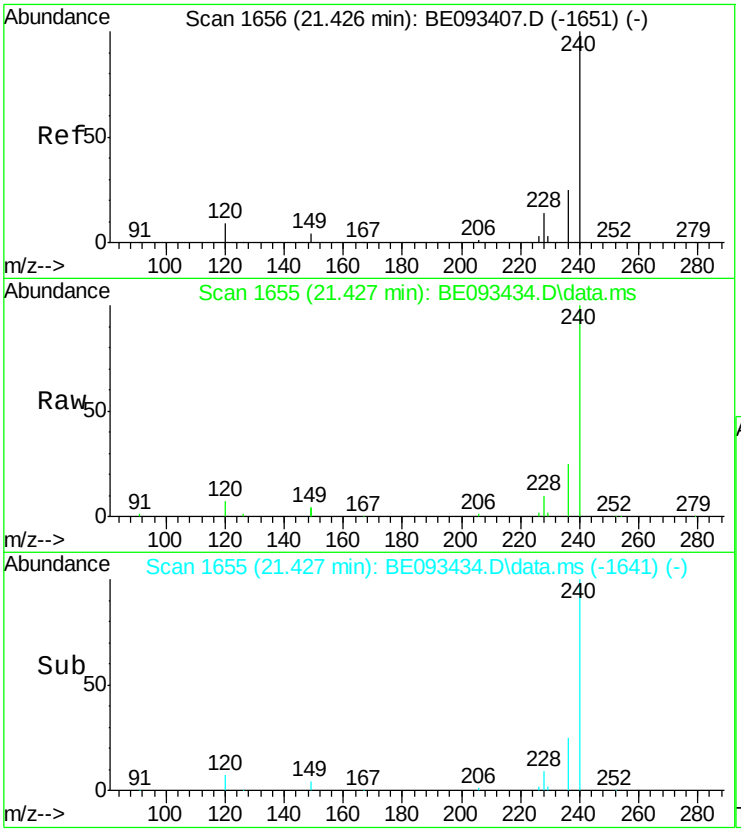


#26
Fluoranthene
Concen: 0.40 ng
RT: 19.319 min Scan# 1437
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:202 Resp: 42691

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.1	14.4	21.6



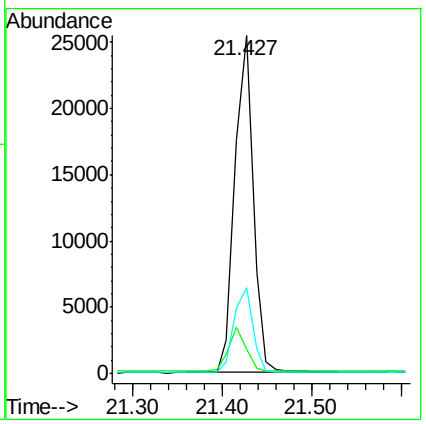


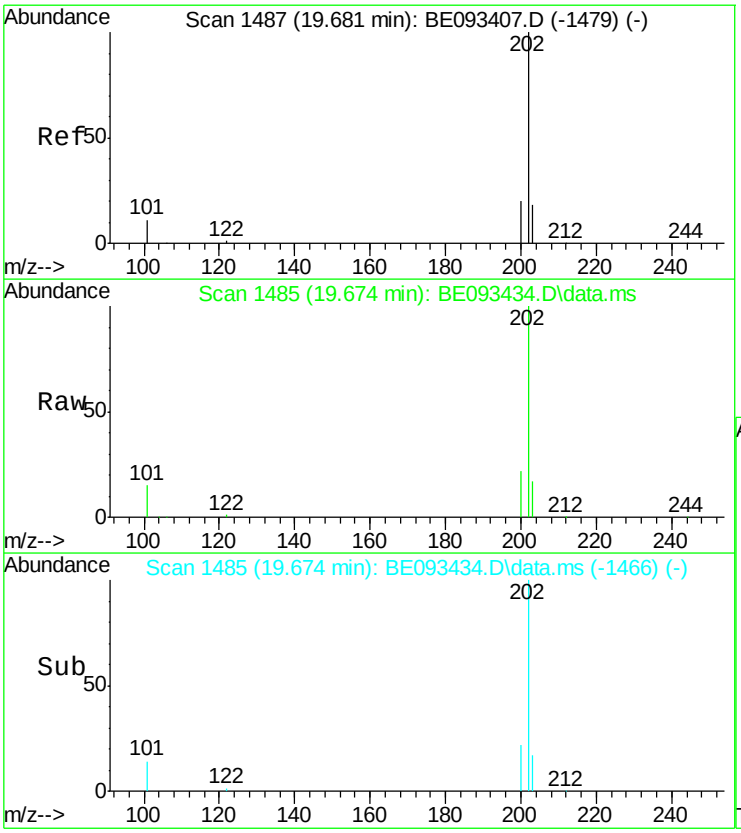
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.427 min Scan# 16
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 36438

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.6	7.0#
236	25.4	20.8	31.2

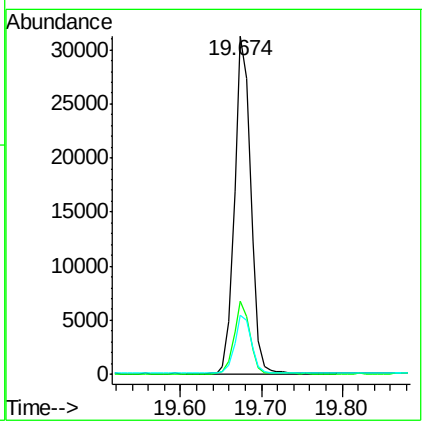


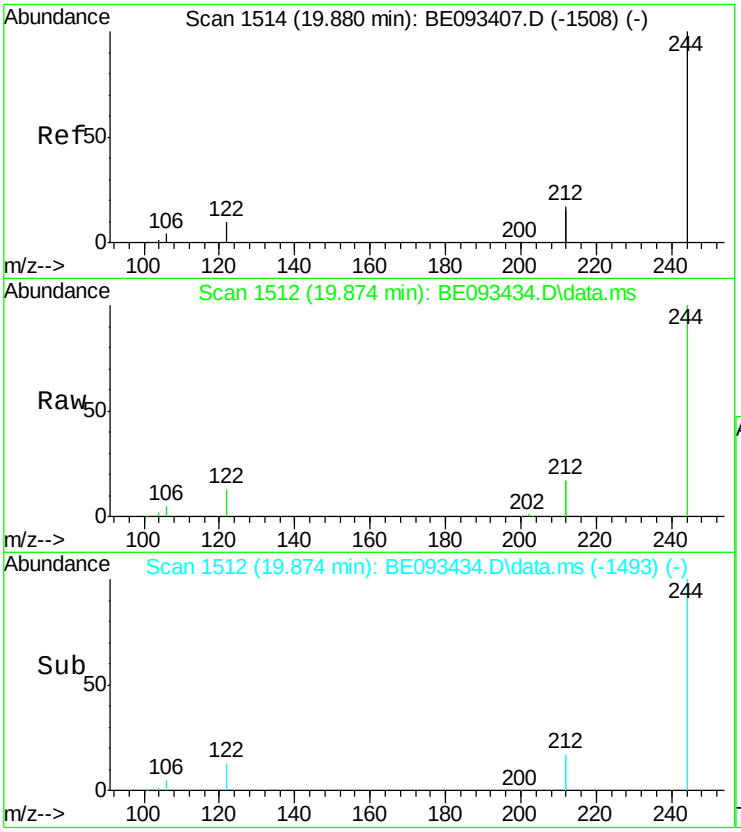


#28
Pyrene
Concen: 0.43 ng
RT: 19.674 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:202 Resp: 43593

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.0	0.0#
203	17.6	13.7	20.5



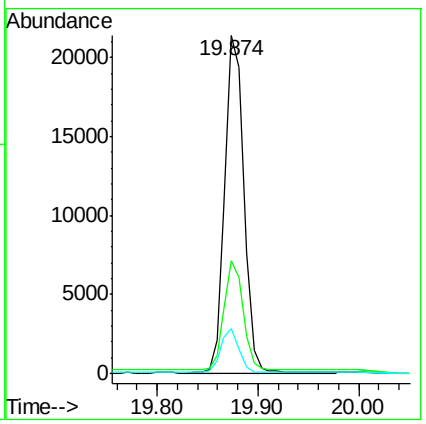


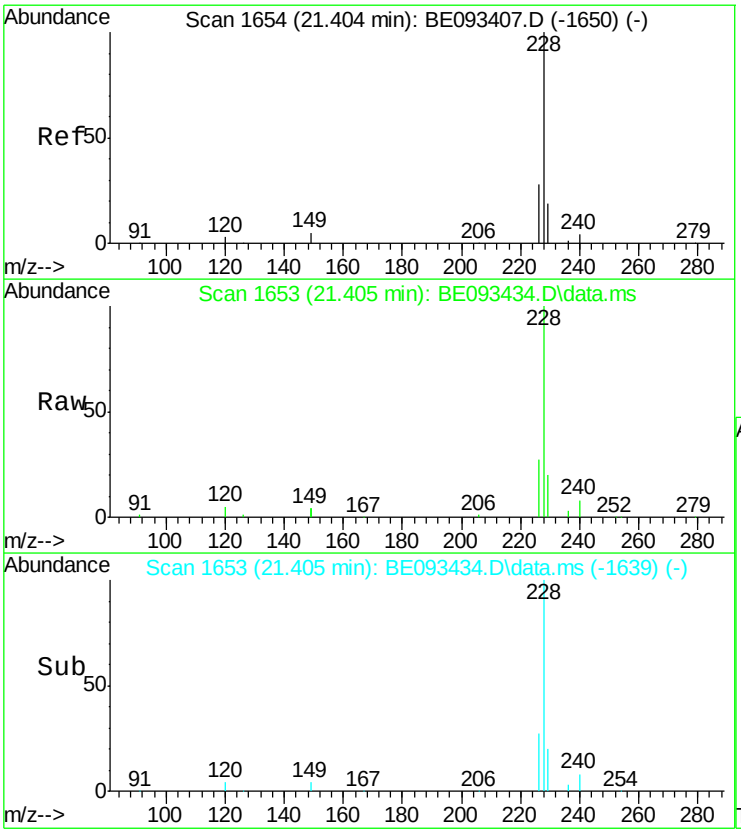
#29
Terphenyl-d14
Concen: 0.43 ng
RT: 19.874 min Scan# 15
Delta R.T. -0.006 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27930

Ion	Ratio	Lower	Upper
244	100		
212	33.5	10.6	16.0#
122	13.5	15.4	23.0#

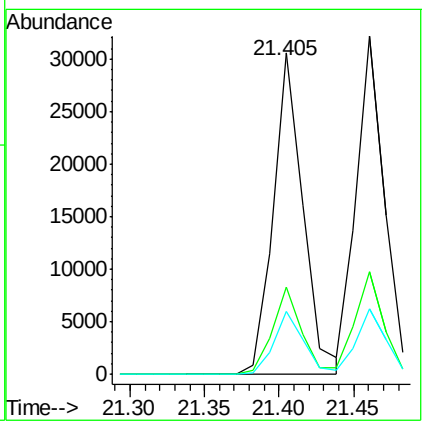


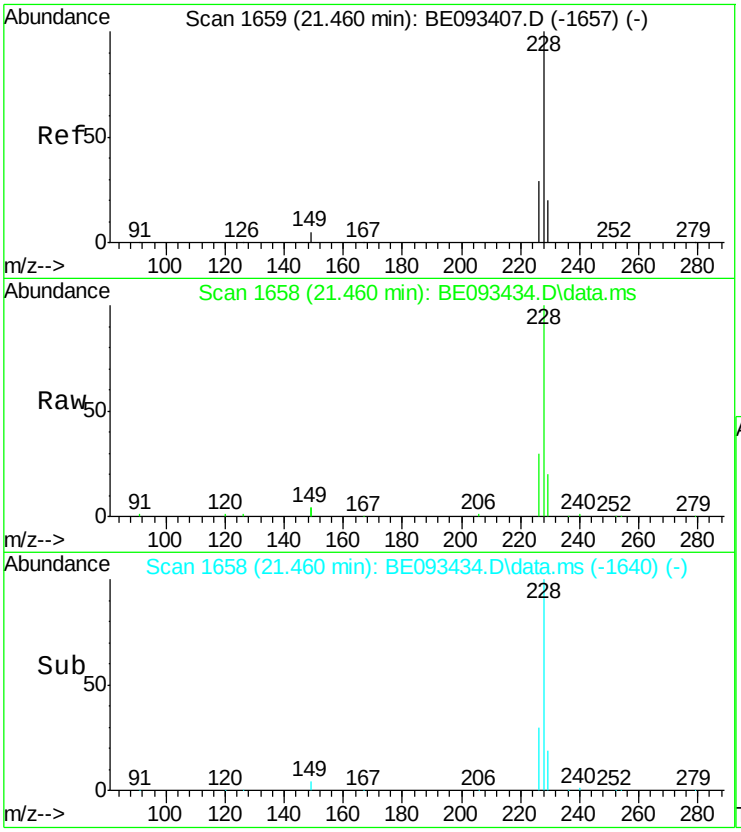


#30
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.405 min Scan# 1653
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:228 Resp: 41782

Ion	Ratio	Lower	Upper
228	100		
226	27.2	19.7	29.5
229	19.7	19.2	28.8



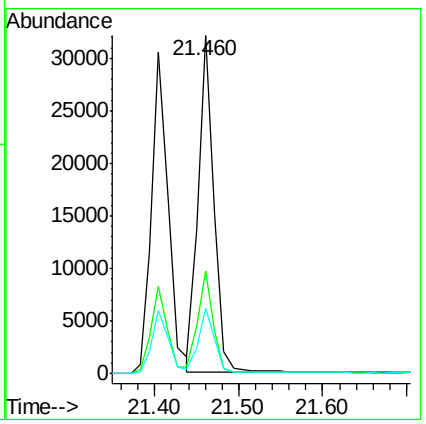


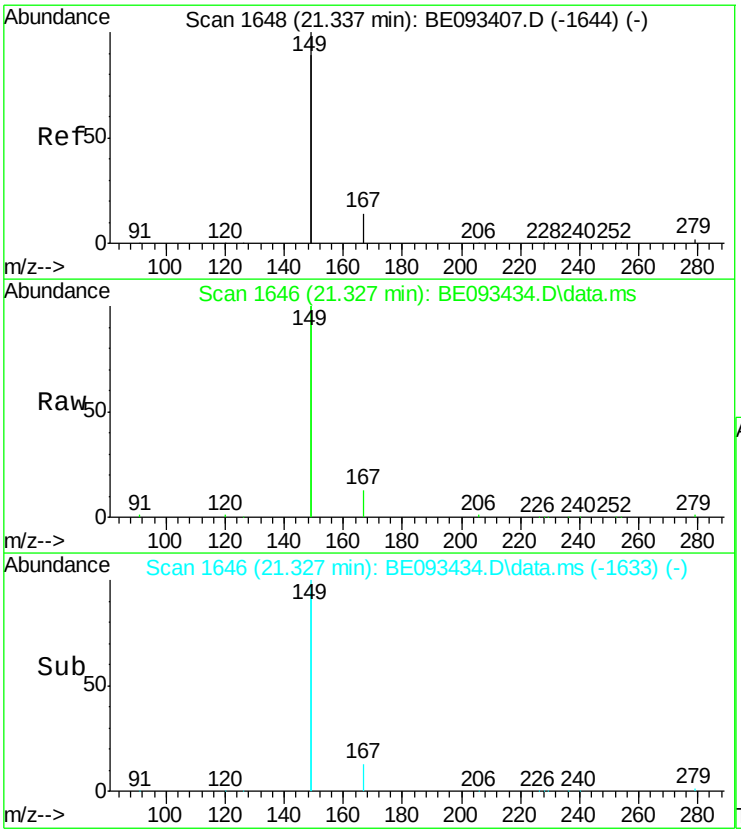
#31
Chrysene
Concen: 0.41 ng
RT: 21.460 min Scan# 16
Delta R.T. 0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 42658

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.5	32.3
229	19.5	18.6	28.0

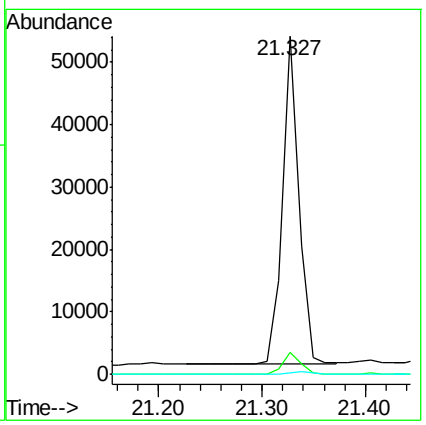


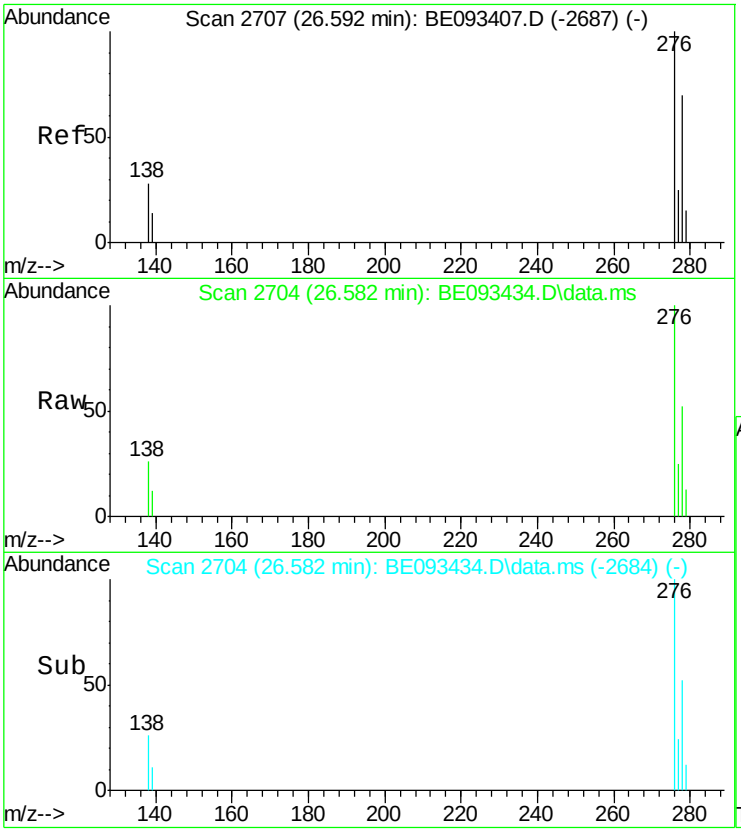


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.327 min Scan# 1646
Delta R.T. -0.010 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:149 Resp: 58607

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#



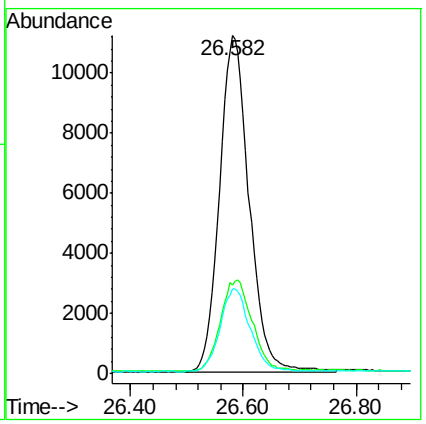


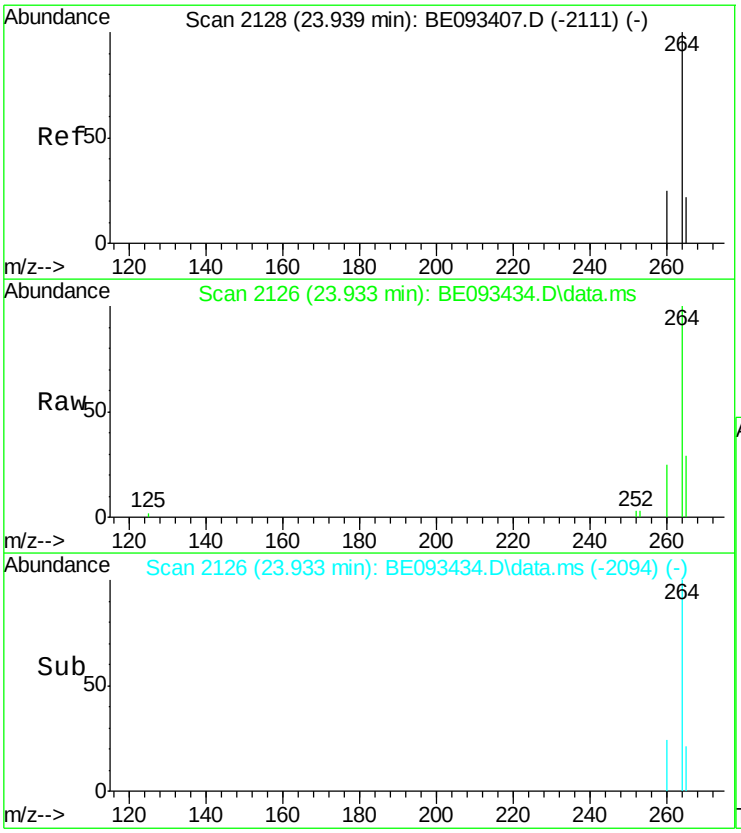
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng
RT: 26.582 min Scan# 27
Delta R.T. -0.010 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 40141

Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.4	41.2
277	25.0	20.1	30.1

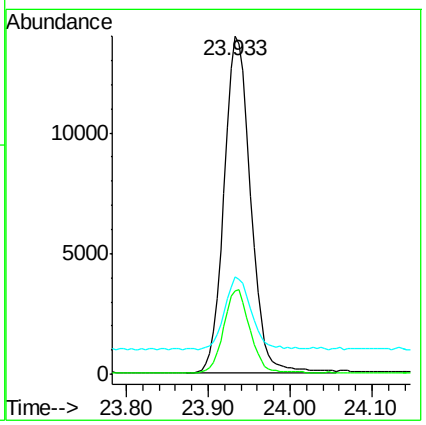


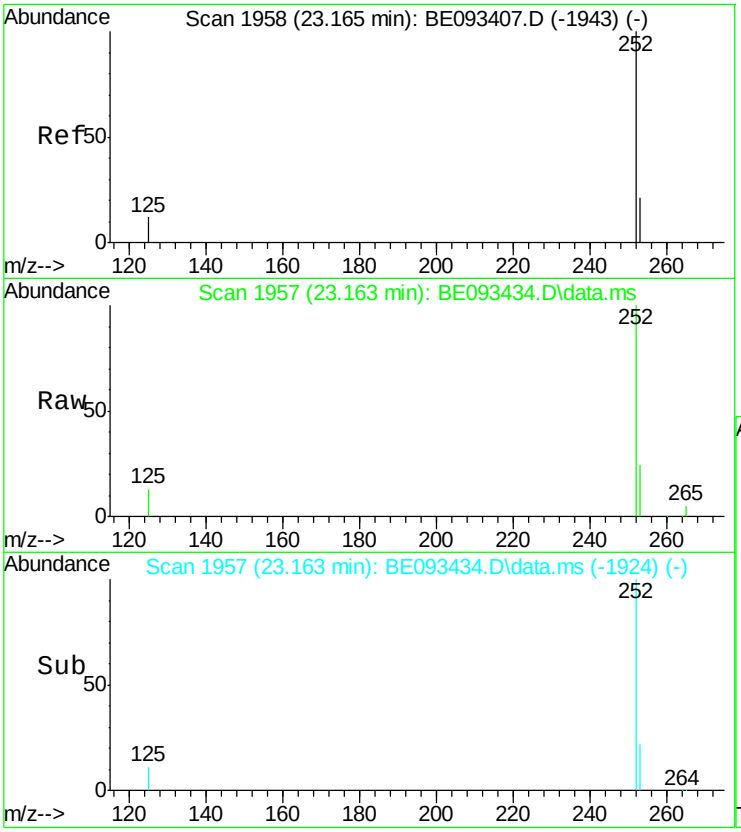


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.933 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:264 Resp: 31337

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	28.6	24.6	36.8



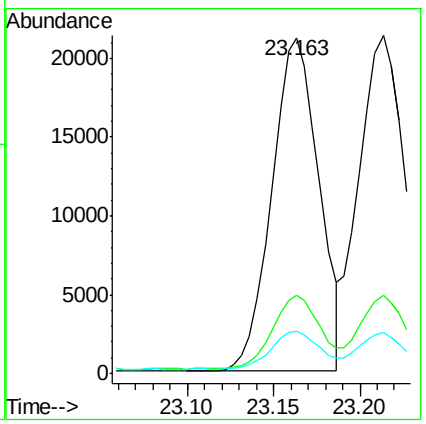


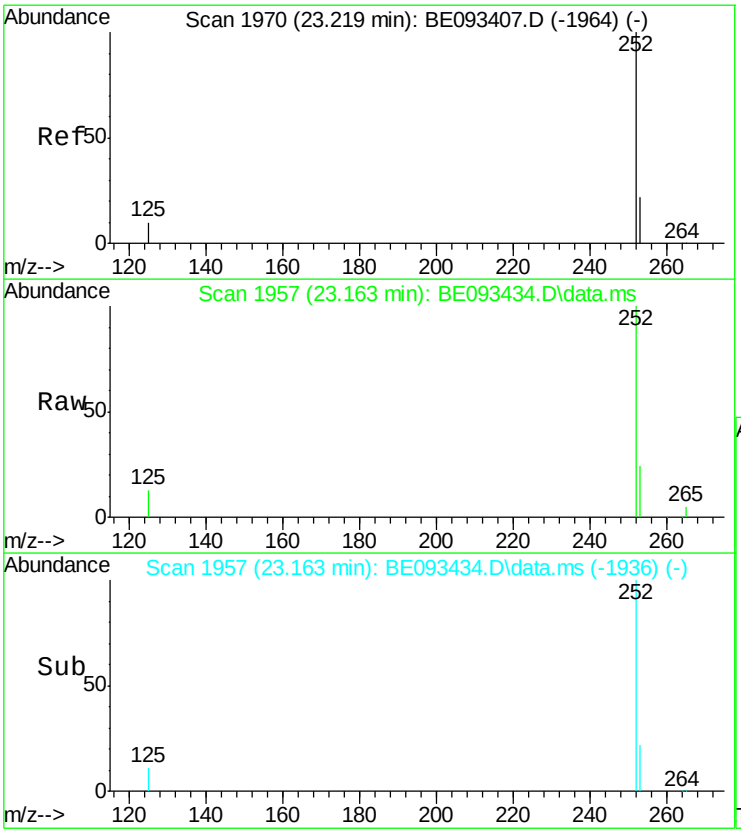
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.163 min Scan# 19
Delta R.T. -0.001 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 39964

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.5	13.4	20.0#

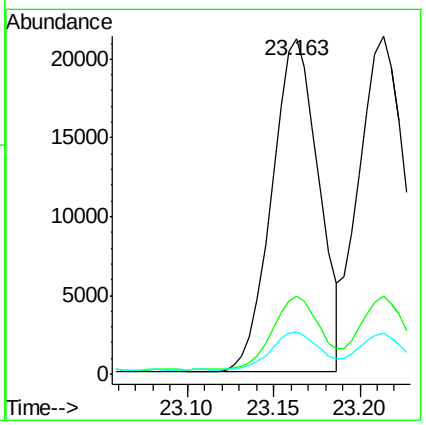


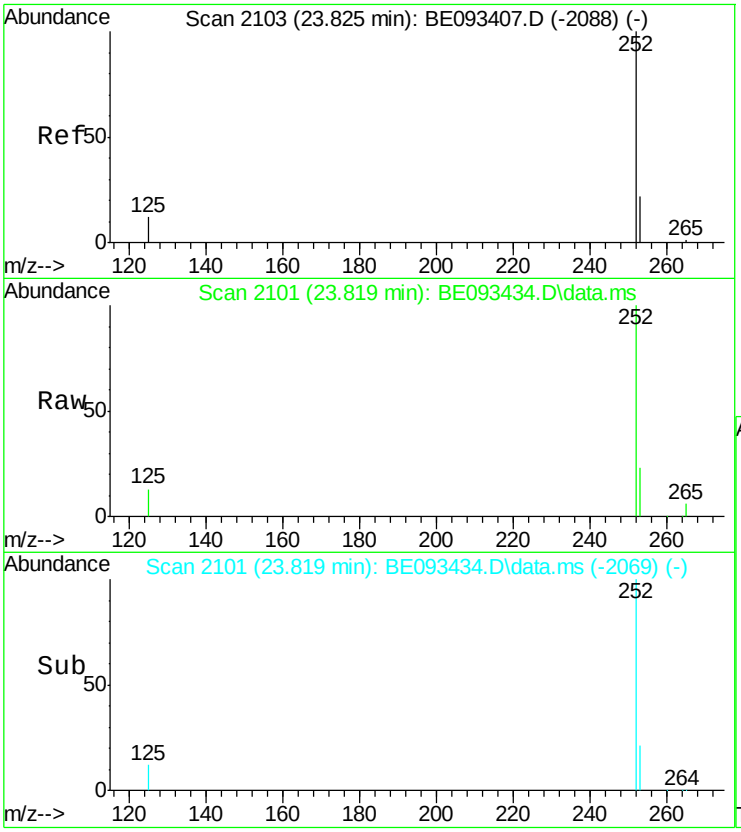


#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.163 min Scan# 1957
Delta R.T. -0.056 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:252 Resp: 39964

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	12.5	12.2	18.4



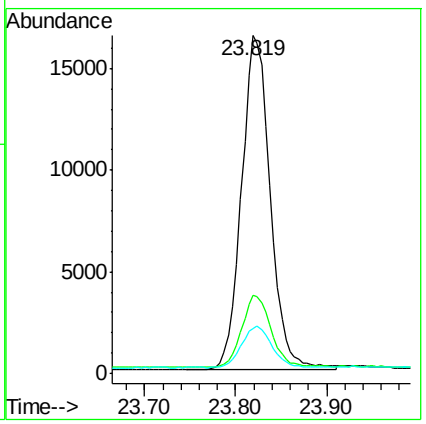


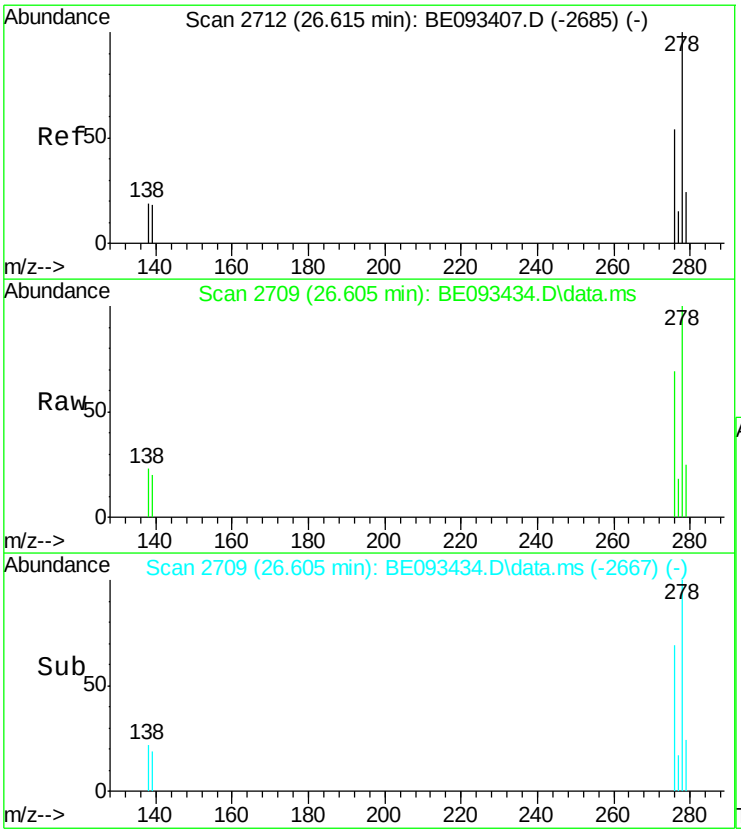
#37
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.819 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 36236

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.9	29.9
125	13.2	14.6	21.8#

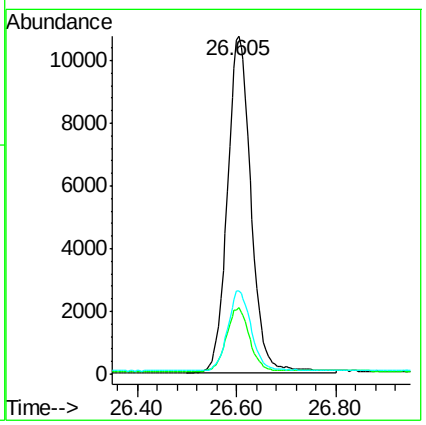


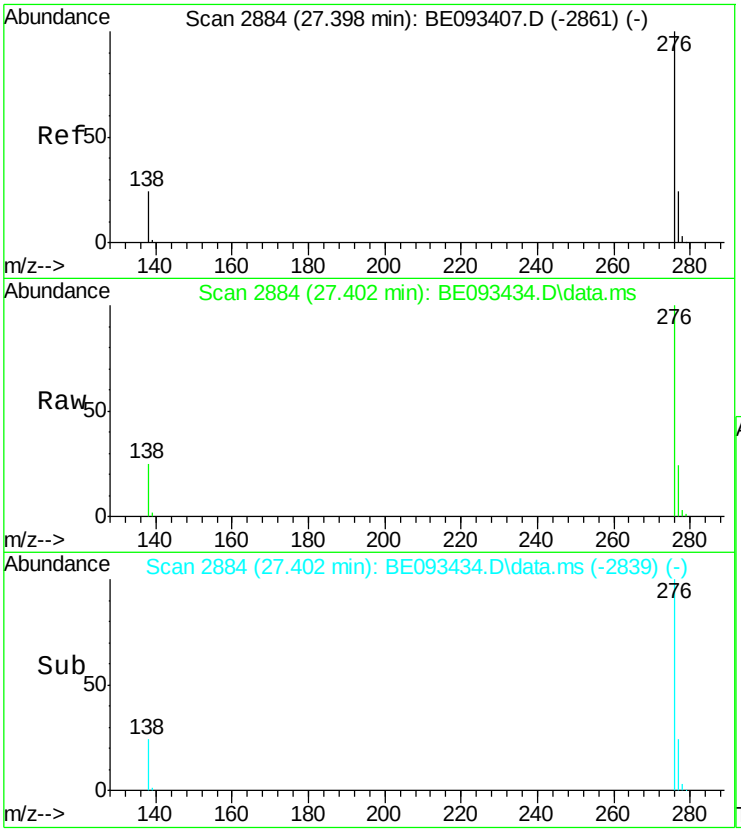


#38
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.605 min Scan# 2709
Delta R.T. -0.010 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Tgt Ion:278 Resp: 35589

Ion	Ratio	Lower	Upper
278	100		
139	19.7	21.4	32.0#
279	24.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 27.402 min Scan# 28
Delta R.T. 0.004 min
Lab File: BE093434.D
Acq: 7 Jul 2017 8:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 35810

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.2	31.8
138	24.9	24.5	36.7