Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093405.D
Acq On : 2 Jul 2017 9:41
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jul 02 11:56:38 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	7.945	152	3050	0.40	ng		0.00
7) Naphthalene-d8	10.739	136	14966	0.40	ng		0.02
13) Acenaphthene-d10	14.540	164	9633	0.40	ng		0.00
19) Phenanthrene-d10	17.269	188	31545	0.40	ng		0.00
27) Chrysene-d12	21.427	240	36210	0.40	ng		0.00
34) Perylene-d12	23.939	264	30538	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.528	112	958	0.10	ng		0.00
5) Phenol-d6	7.102	99	1425	0.10	ng		0.00
8) Nitrobenzene-d5	9.077	82	904	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.311	152	2288	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.030	330	299	0.17	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	3669	0.10	ng		0.00
25) Fluoranthene-d10	19.289	212	34664	0.12	ng		0.00
29) Terphenyl-d14	19.881	244	6293	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	749	0.12	ng		92
3) n-Nitrosodimethylamine	3.778	42	283	0.19	ng	#	1
6) bis(2-Chloroethyl)ether	7.366	93	938	0.09	ng	#	95
9) Naphthalene	10.773	128	15496	0.10	ng	#	74
10) Hexachlorobutadiene	11.075	225	588	0.09	ng		99
12) 2-Methylnaphthalene	12.383	142	2541	0.10	ng		98
16) Acenaphthylene	14.259	152	3663	0.09	ng	#	86
17) Acenaphthene	14.600	154	2799	0.09	ng		99
18) Fluorene	15.592	166	3905	0.10	ng	#	85
20) 4-Bromophenyl-phenylether	16.454	248	1377	0.26	ng	#	34
21) Hexachlorobenzene	16.584	284	1699	0.14	ng	#	100
22) Pentachlorophenol	16.910	266	215	0.20	ng	#	82
23) Phenanthrene	17.301	178	10796	0.14	ng		99
24) Anthracene	17.399	178	5585	0.07	ng		94
26) Fluoranthene	19.319	202	9556	0.12	ng		98
28) Pyrene	19.681	202	9915	0.10	ng	#	98
30) Benzo(a)anthracene	21.404	228	9371	0.10	ng		92
31) Chrysene	21.460	228	9914	0.10	ng		92
32) Bis(2-ethylhexyl)phtha...	21.338	149	16152	0.11	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.587	276	8685	0.09	ng		96
35) Benzo(b)fluoranthene	23.165	252	9518	0.10	ng		93
36) Benzo(k)fluoranthene	23.215	252	8843	0.09	ng		95
37) Benzo(a)pyrene	23.825	252	8246	0.10	ng	#	92
38) Dibenzo(a,h)anthracene	26.614	278	7737	0.09	ng		97
39) Benzo(g,h,i)perylene	27.398	276	8035	0.09	ng		96

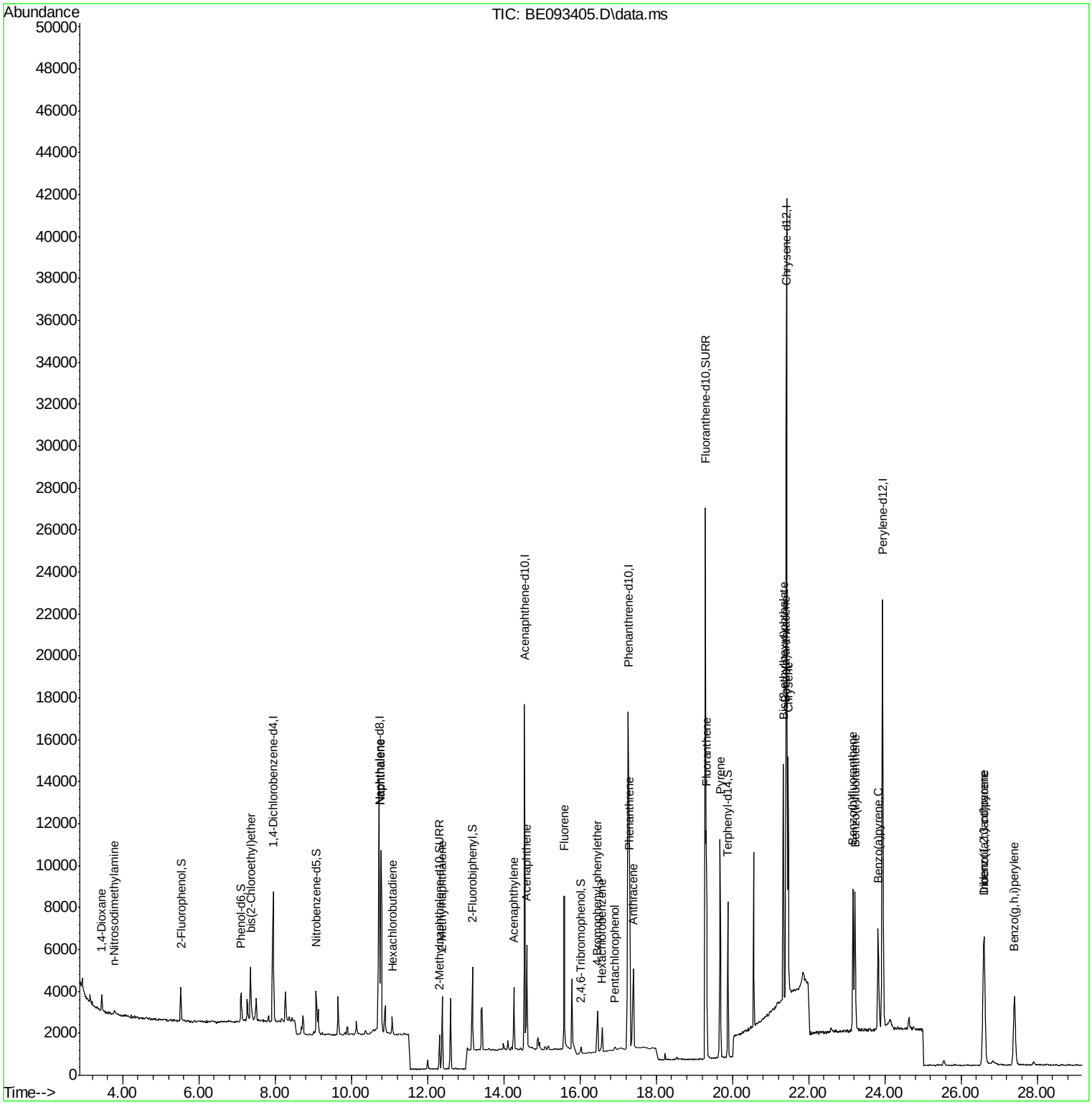
(#) = qualifier out of range (m) = manual integration (+) = signals summed

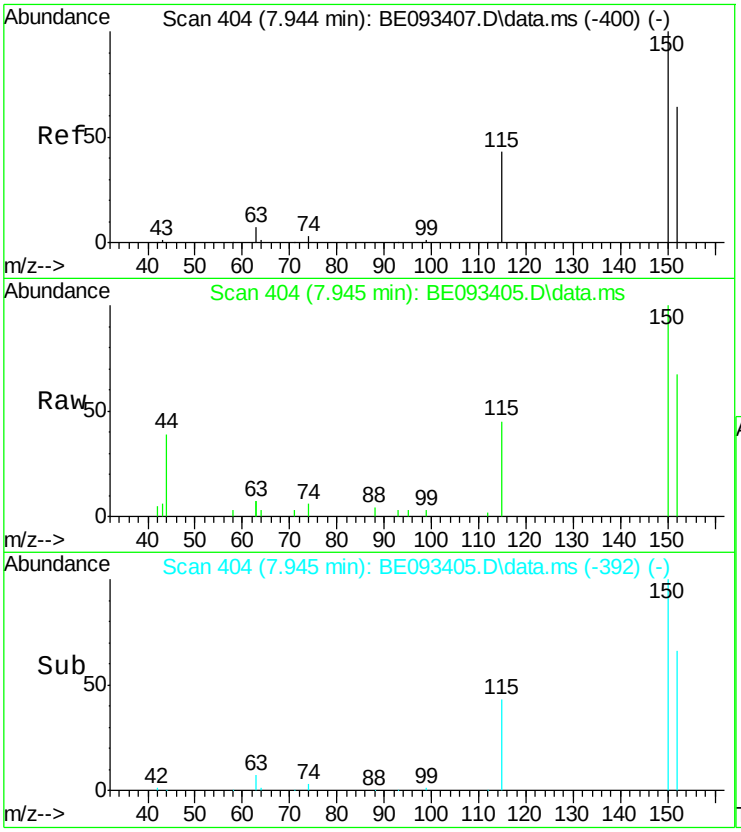
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093405.D
Acq On : 2 Jul 2017 9:41
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 02 11:56:38 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



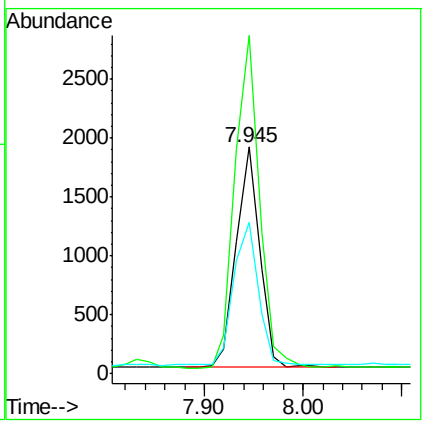


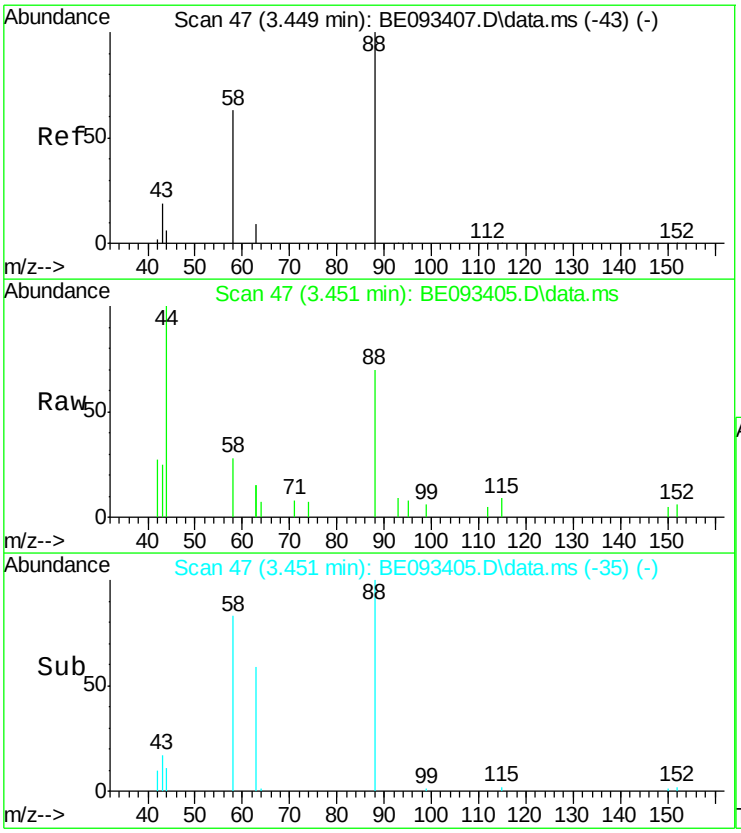
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.945 min Scan# 40
Delta R.T. 0.002 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3050

Ion	Ratio	Lower	Upper
152	100		
150	149.3	125.1	187.7
115	66.7	55.7	83.5

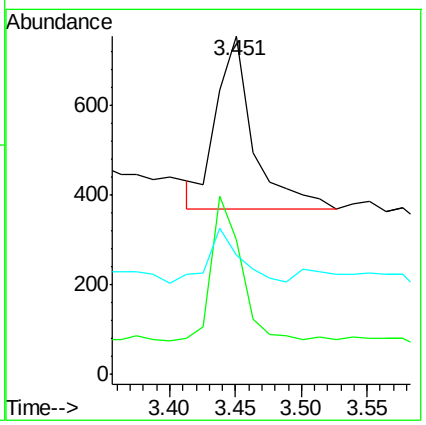


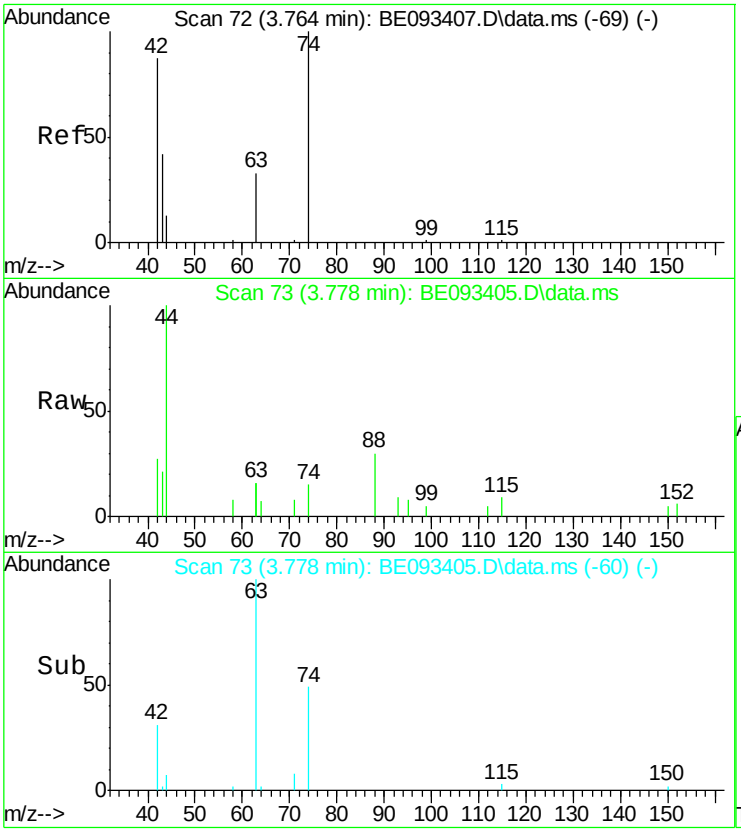


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.451 min Scan# 47
Delta R.T. 0.002 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion: 88 Resp: 749

Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.2	93.4
43	27.8	23.2	34.8



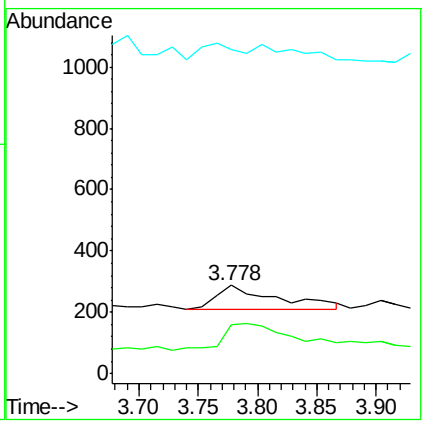


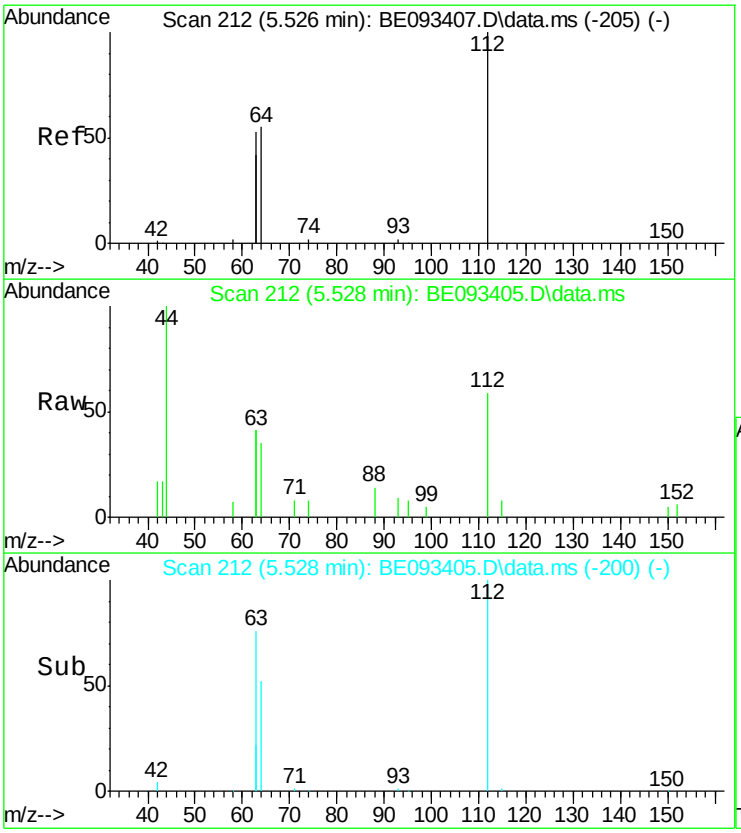
#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.778 min Scan# 73
Delta R.T. 0.014 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 283

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	39.9	7.4	11.2#

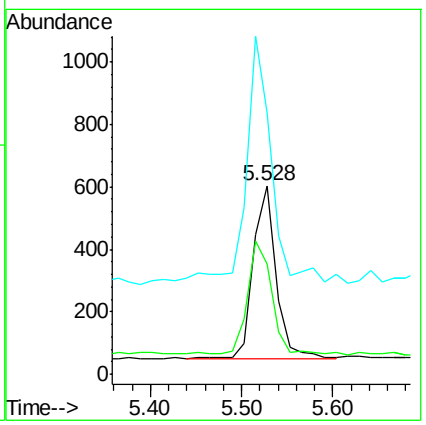


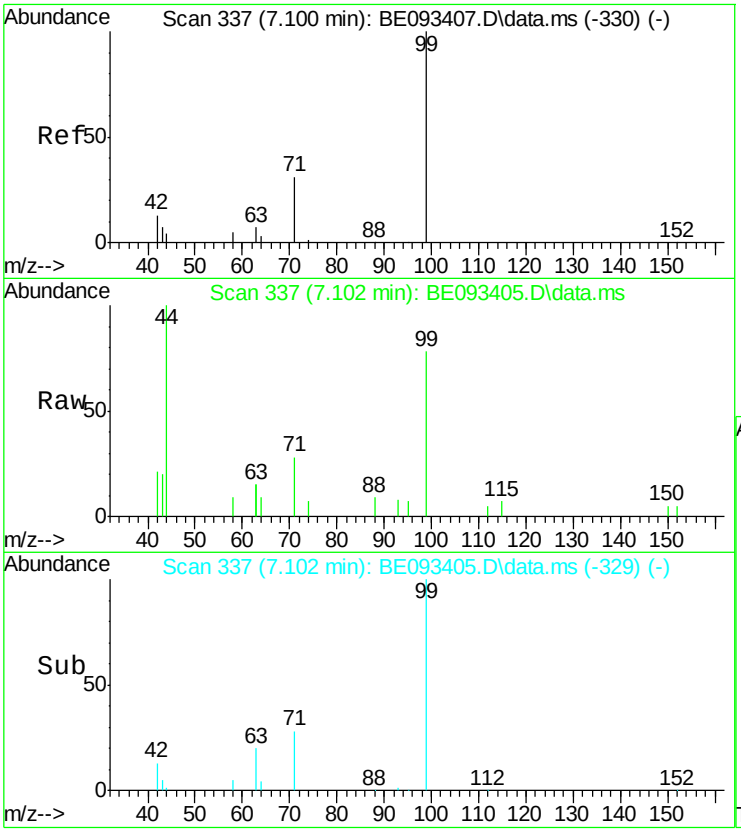


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.528 min Scan# 212
Delta R.T. 0.002 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:112 Resp: 958

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.4	84.6
63	162.7	29.3	43.9#



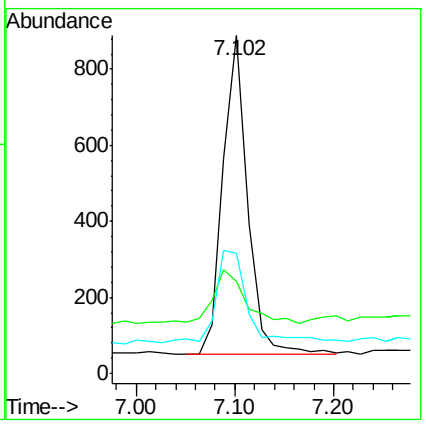


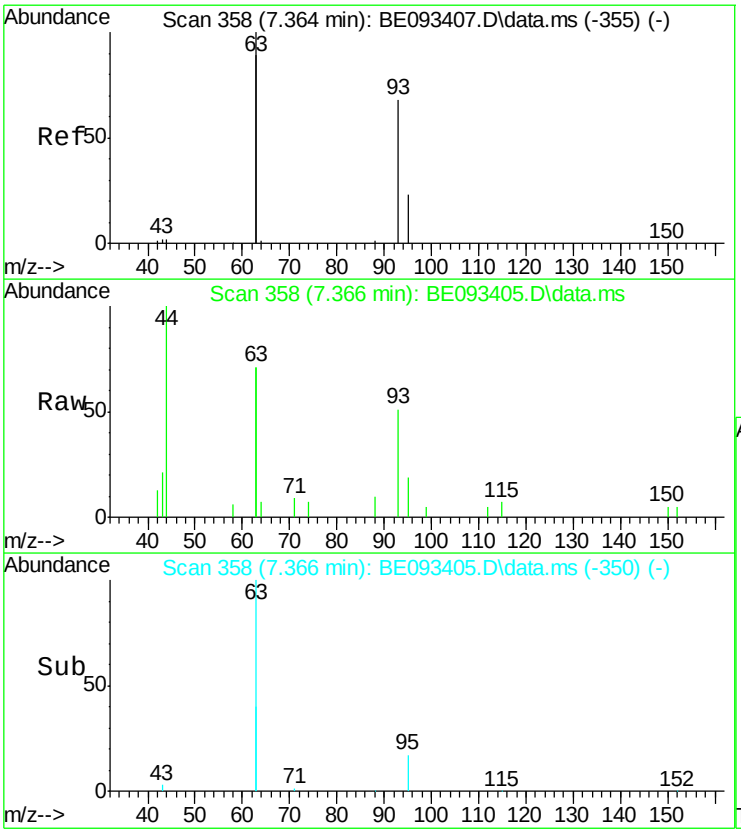
#5
Phenol-d6
Concen: 0.10 ng
RT: 7.102 min Scan# 33
Delta R.T. 0.002 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1425

Ion	Ratio	Lower	Upper
99	100		
42	21.8	0.0	0.0#
71	36.9	0.0	0.0#

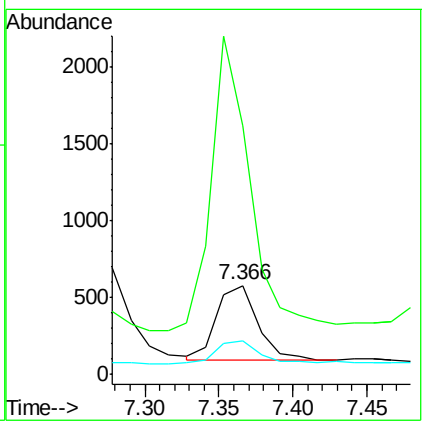


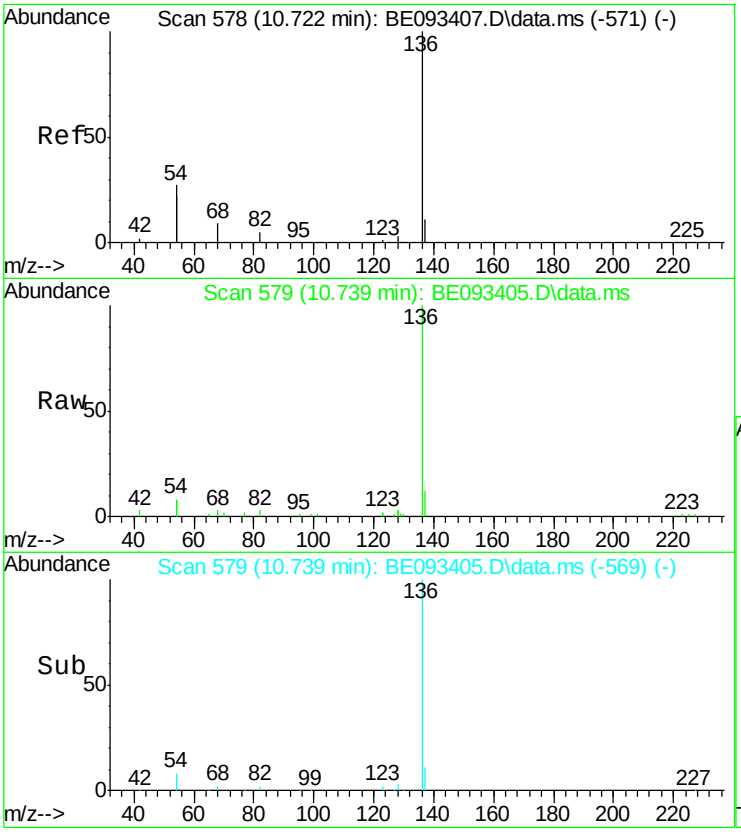


#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.366 min Scan# 358
Delta R.T. 0.002 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion: 93 Resp: 938

Ion	Ratio	Lower	Upper
93	100		
63	371.7	0.0	0.0#
95	34.4	25.4	38.0



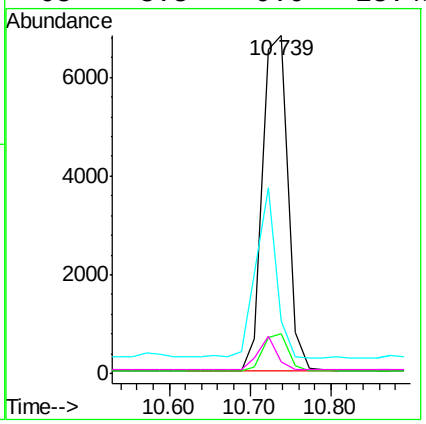


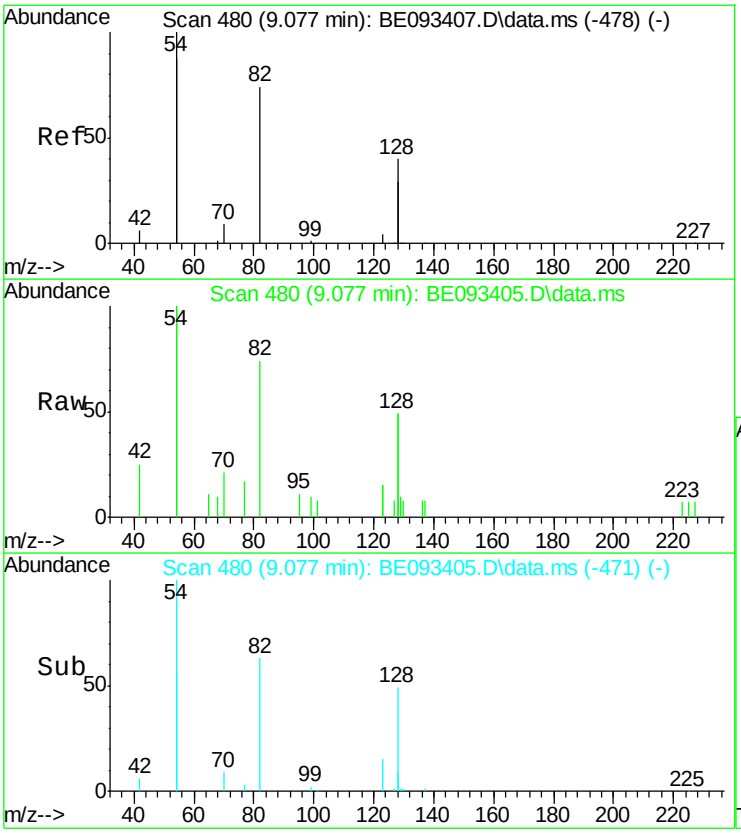
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.739 min Scan# 57
Delta R.T. 0.017 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14966

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	15.4	10.3	15.5
68	3.3	9.0	13.4#

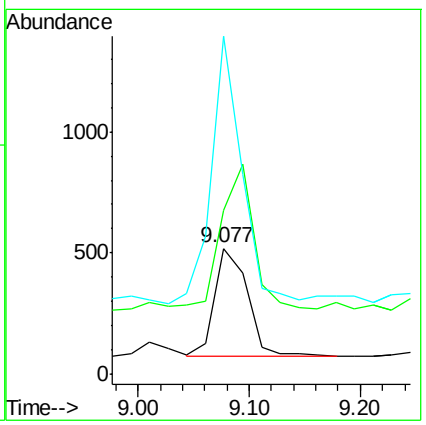


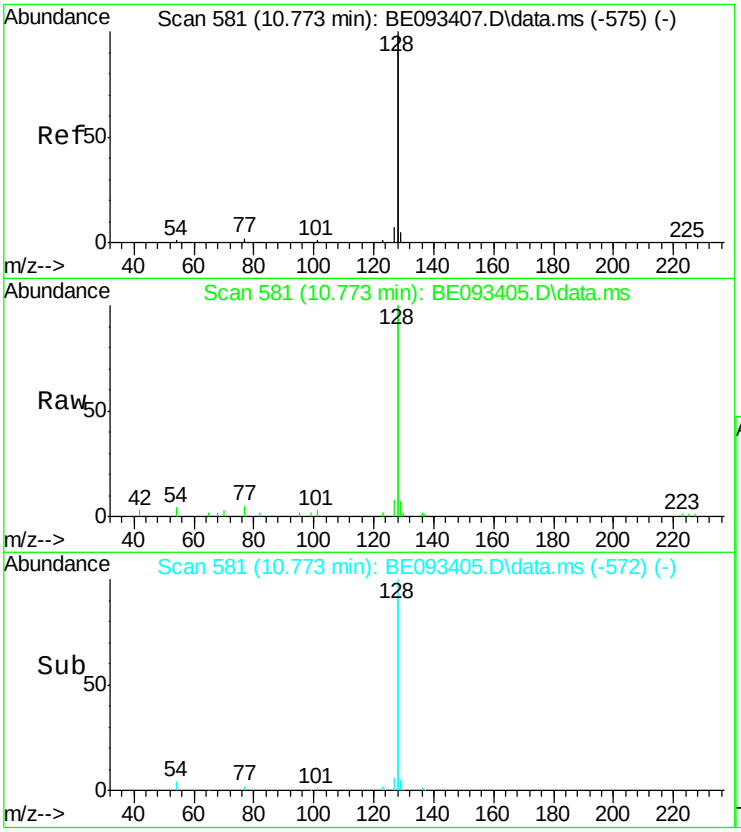


#8
Nitrobenzene-d5
Concen: 0.10 ng
RT: 9.077 min Scan# 480
Delta R.T. -0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion: 82 Resp: 904

Ion	Ratio	Lower	Upper
82	100		
128	130.6	17.0	25.4#
54	268.6	53.8	80.6#



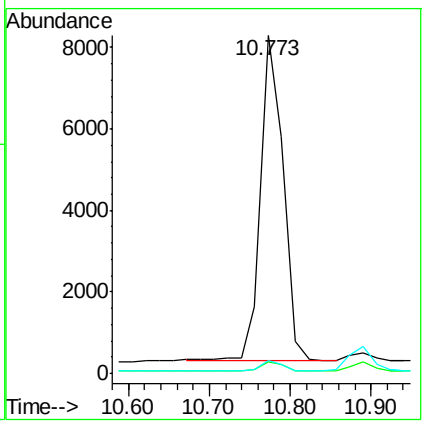


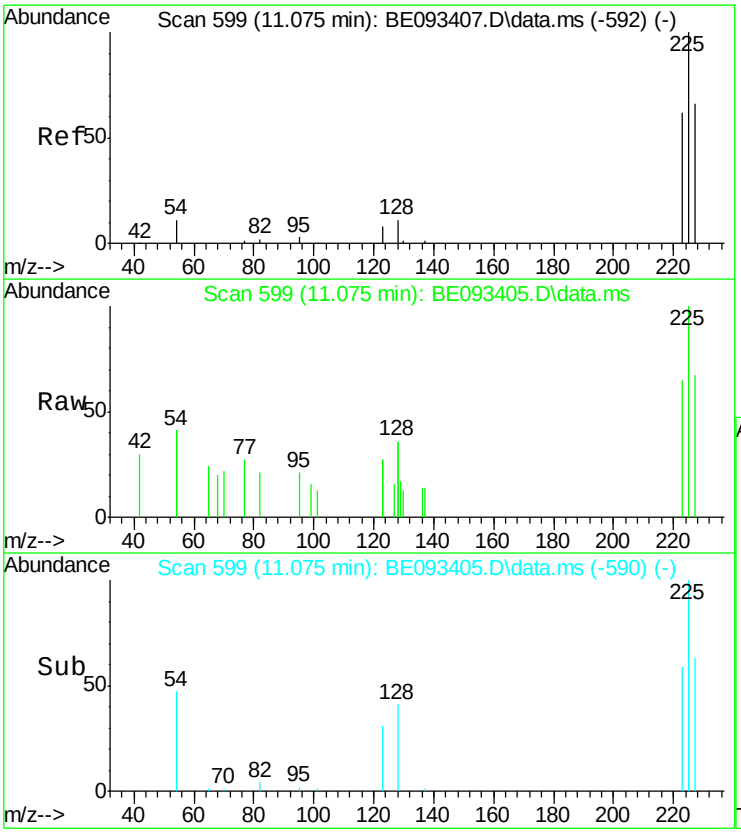
#9
Naphthalene
Concen: 0.10 ng
RT: 10.773 min Scan# 58
Delta R.T. -0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 15496

Ion	Ratio	Lower	Upper
128	100		
129	3.4	11.4	17.0#
127	3.9	11.2	16.8#

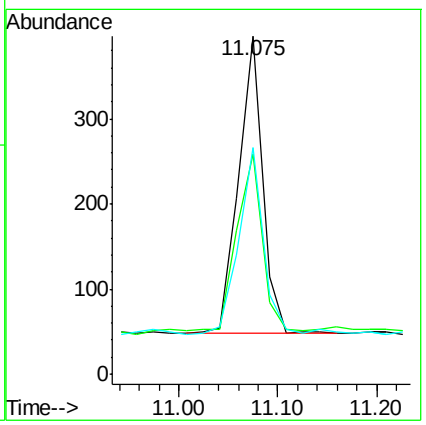


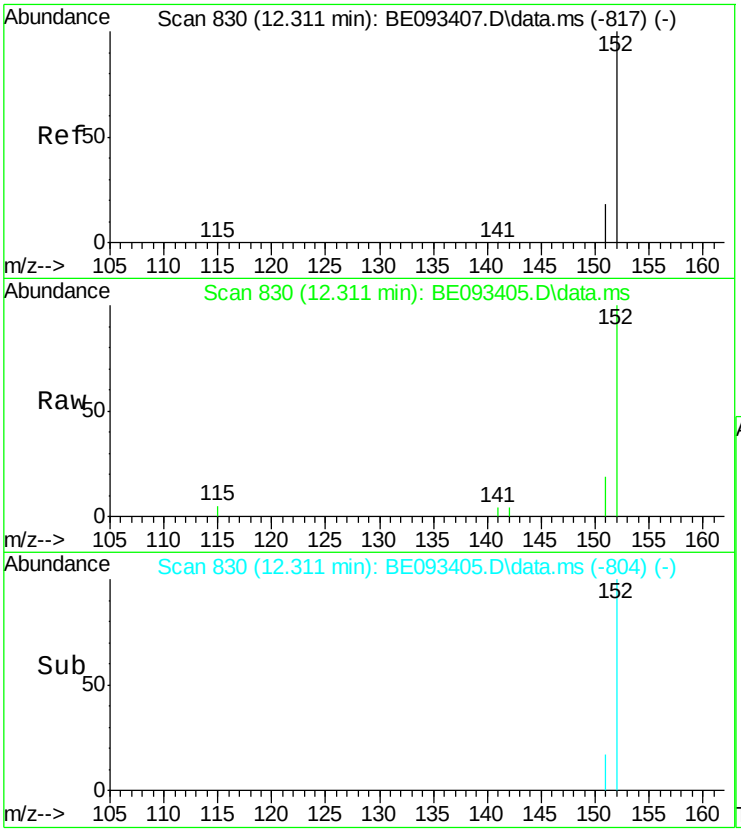


#10
Hexachlorobutadiene
Concen: 0.09 ng
RT: 11.075 min Scan# 599
Delta R.T. -0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:225 Resp: 588

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	64.1	50.3	75.5



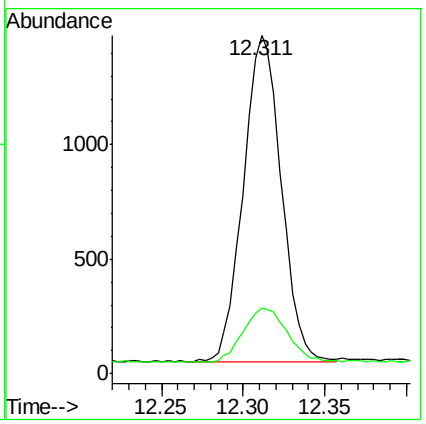


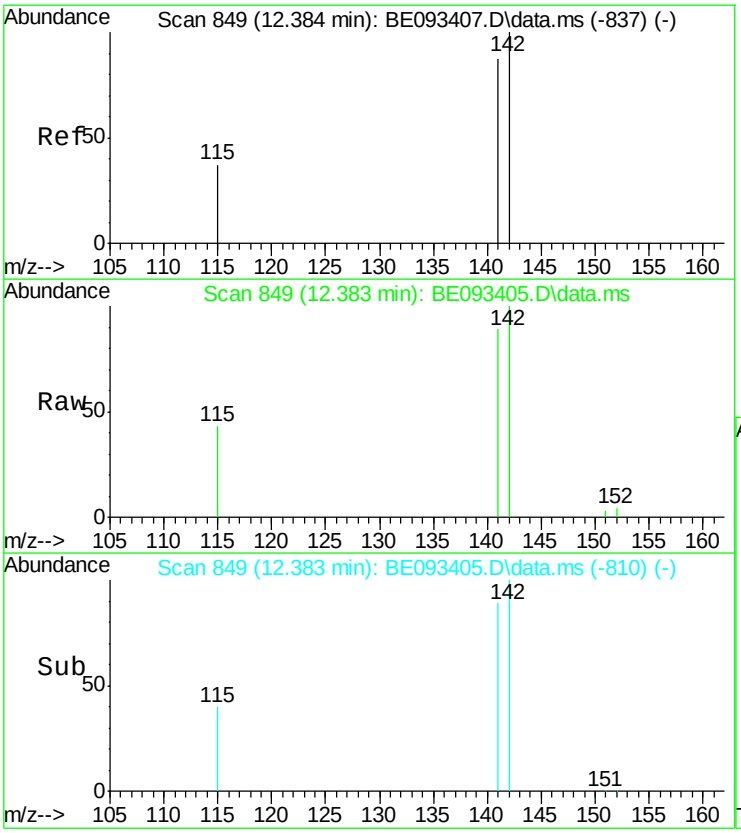
#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.311 min Scan# 83
Delta R.T. -0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2288

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

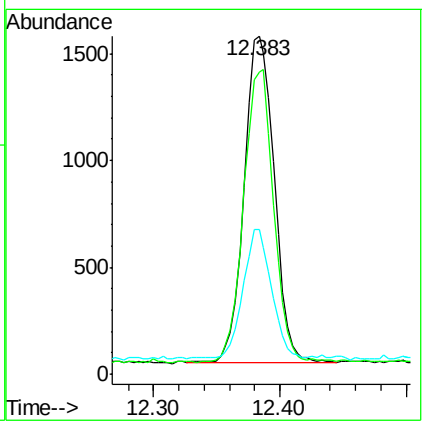


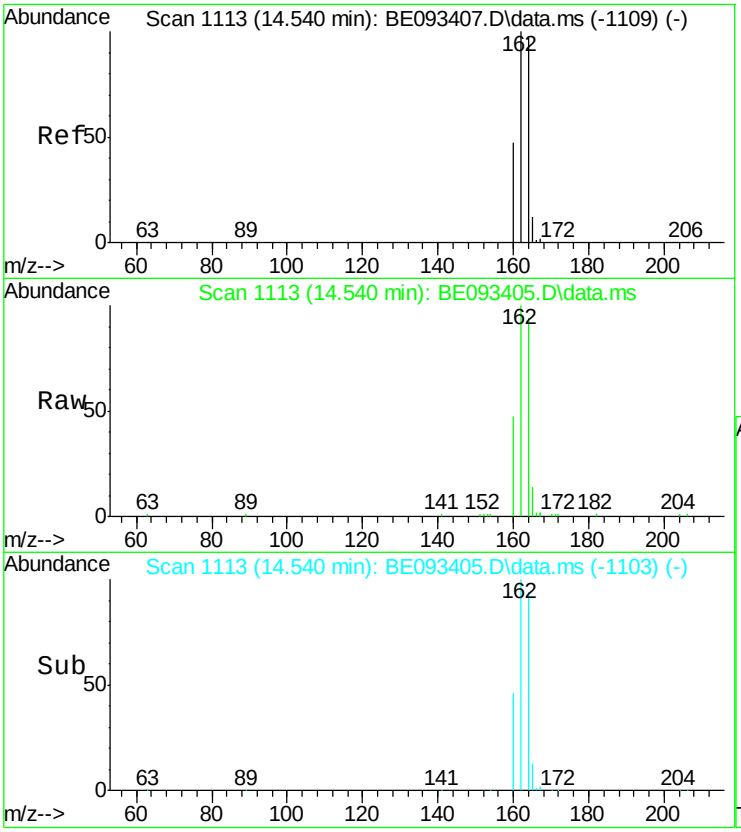


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.383 min Scan# 849
Delta R.T. -0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:142 Resp: 2541

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	42.9	32.2	48.2



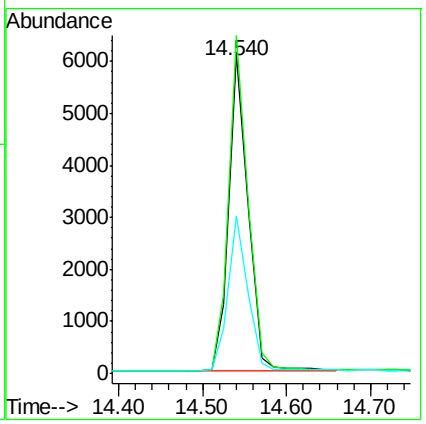


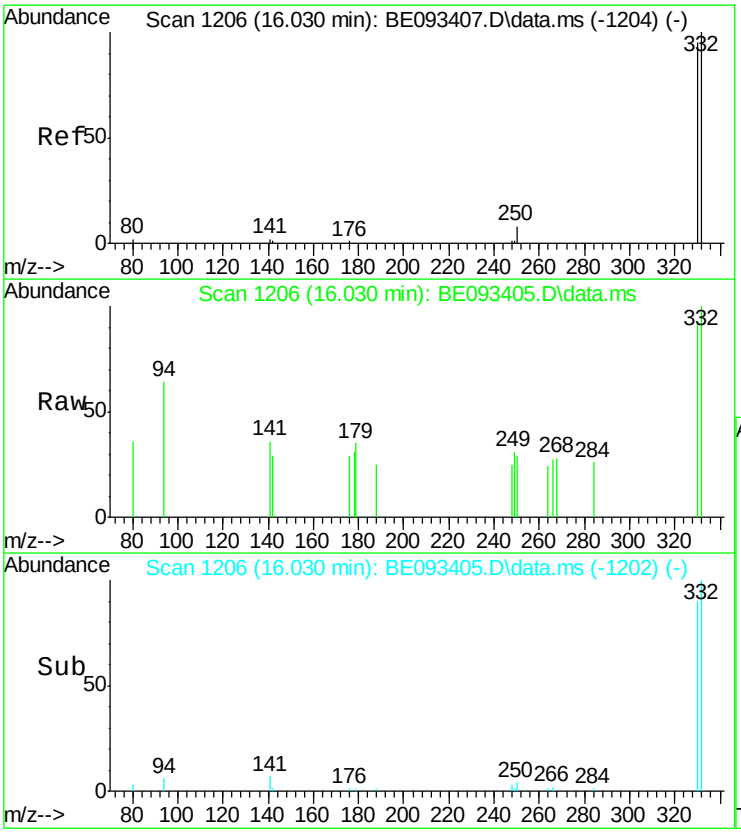
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.540 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9633

Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.6	127.0
160	49.5	41.8	62.6

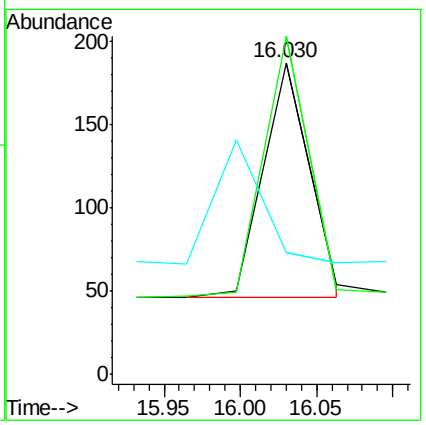


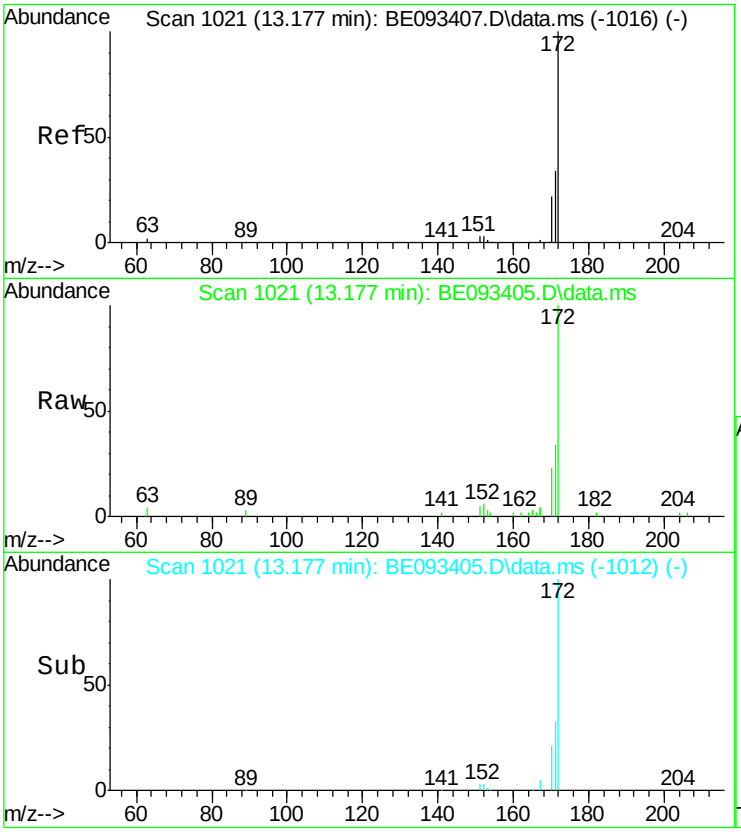


#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 16.030 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:330 Resp: 299

Ion	Ratio	Lower	Upper
330	100		
332	106.0	77.7	116.5
141	0.0	56.2	84.4#



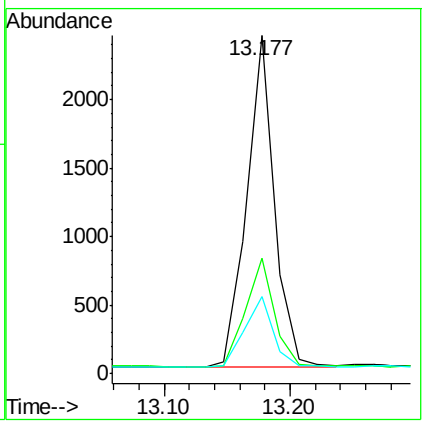


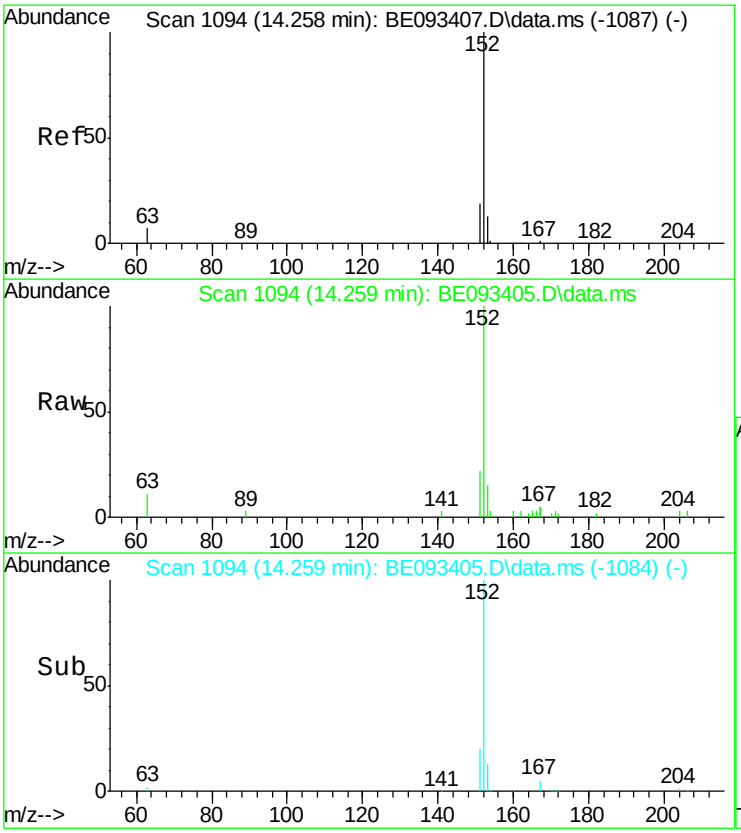
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3669

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.8	44.6
170	22.8	20.7	31.1

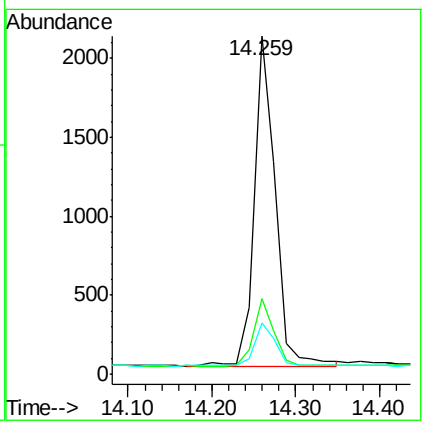


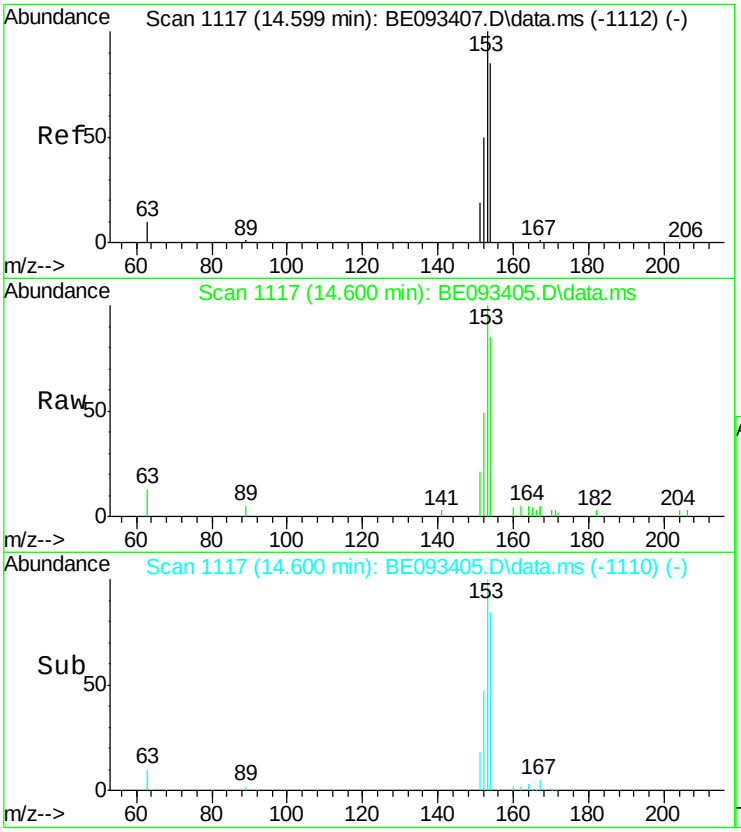


#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.259 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:152 Resp: 3663

Ion	Ratio	Lower	Upper
152	100		
151	19.8	4.0	6.0#
153	13.8	10.3	15.5



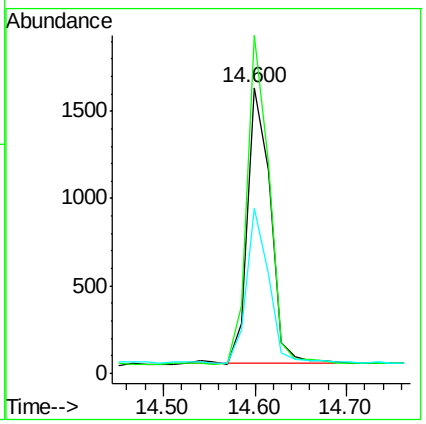


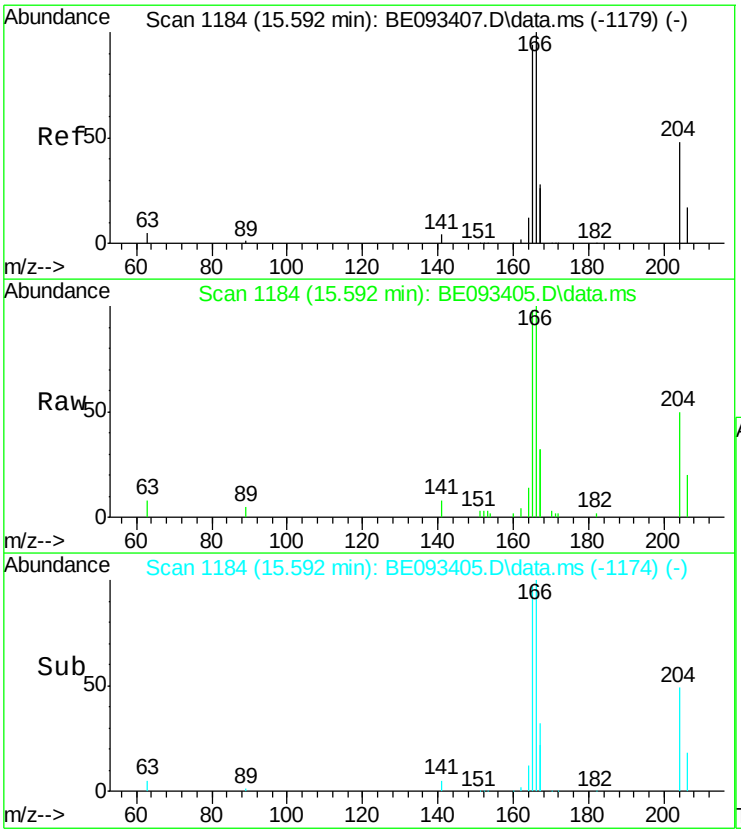
#17
Acenaphthene
Concen: 0.09 ng
RT: 14.600 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2799

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.2	44.8	67.2

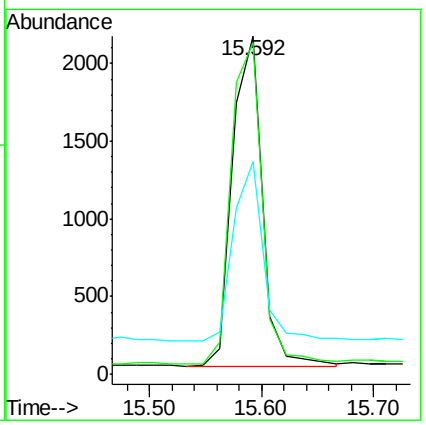


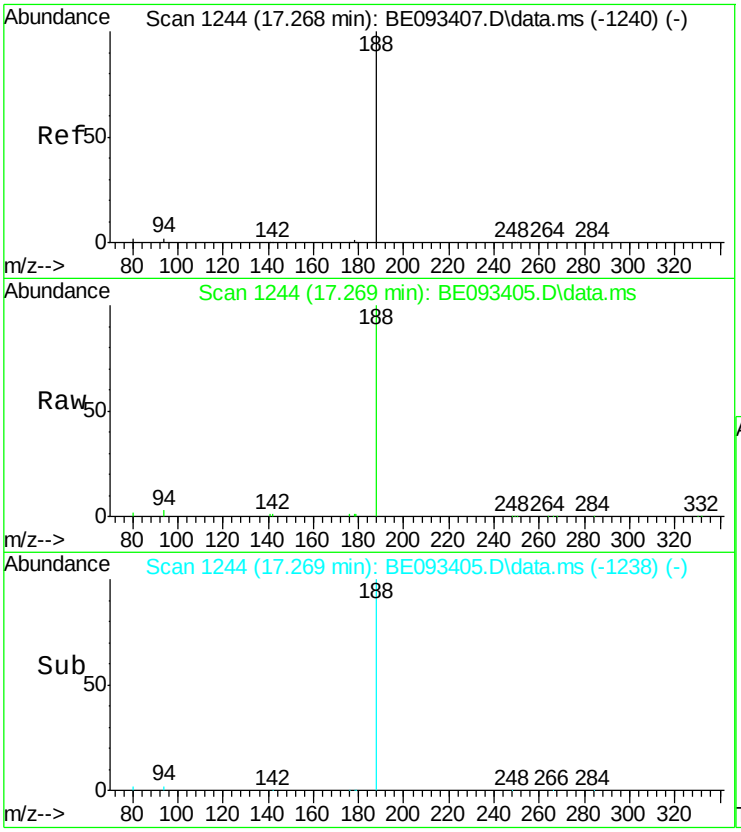


#18
Fluorene
Concen: 0.10 ng
RT: 15.592 min Scan# 1184
Delta R.T. 0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:166 Resp: 3905

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	117.8
167	54.0	11.1	16.7#



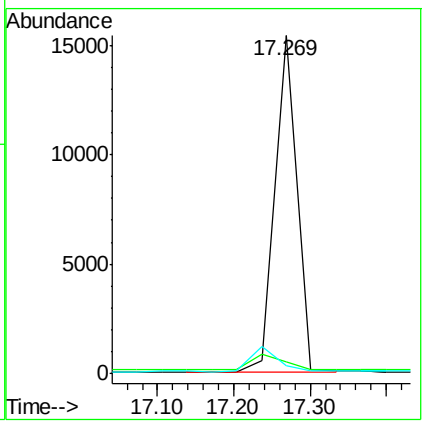


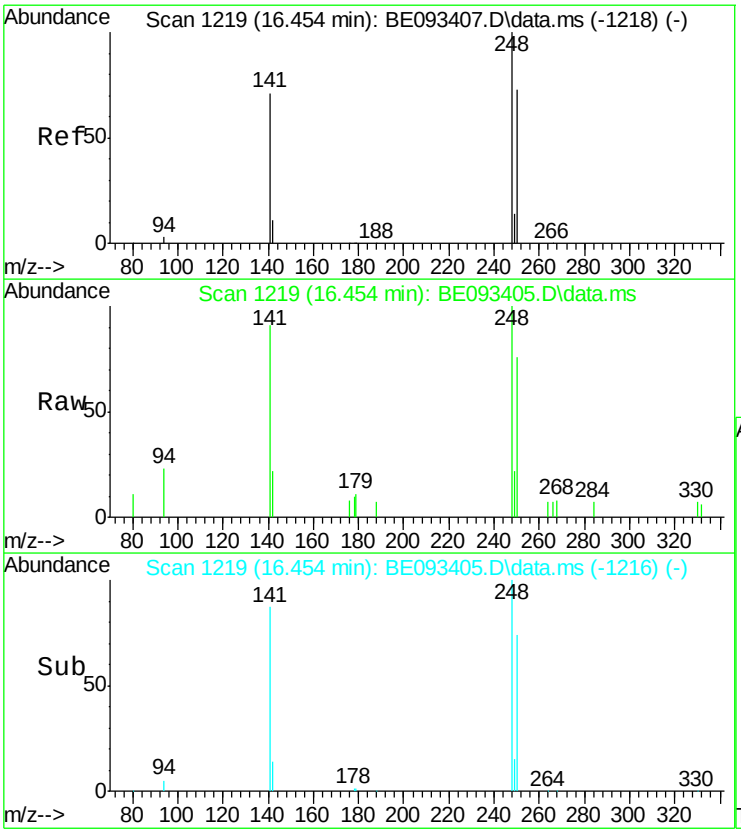
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.269 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 31545

Ion	Ratio	Lower	Upper
188	100		
94	3.3	11.3	16.9#
80	2.4	11.7	17.5#

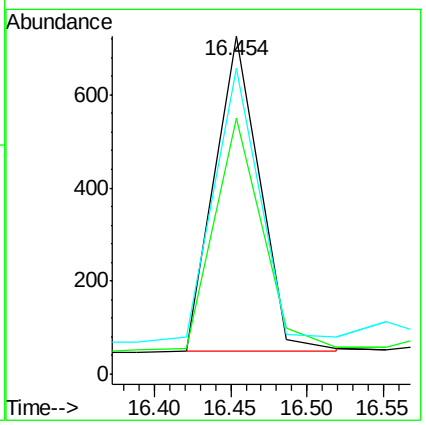


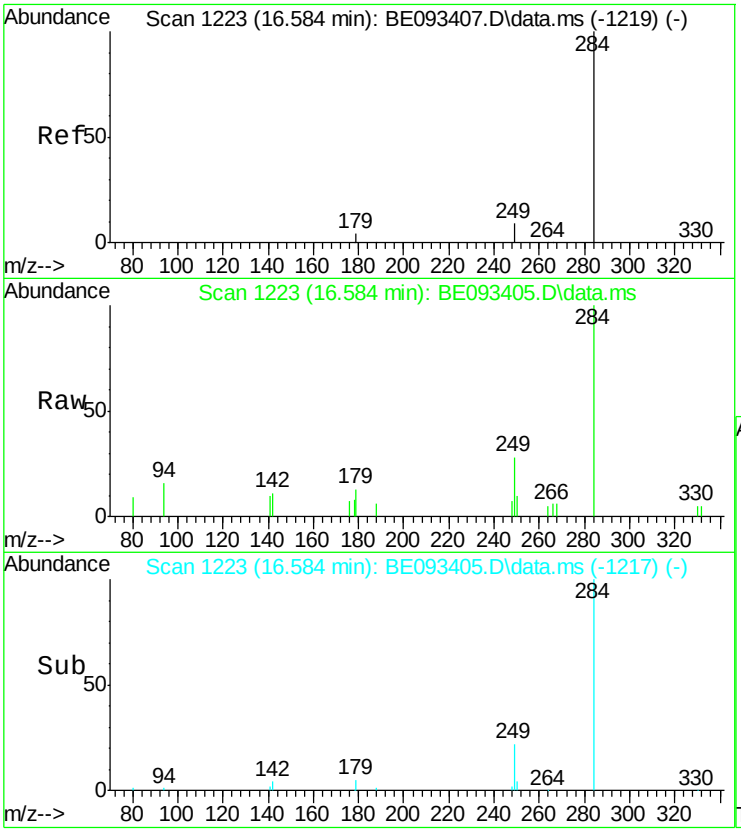


#20
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.454 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:248 Resp: 1377

Ion	Ratio	Lower	Upper
248	100		
250	75.8	40.8	61.2#
141	90.6	161.6	242.4#



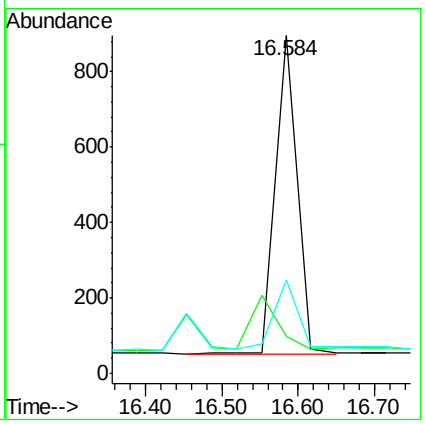


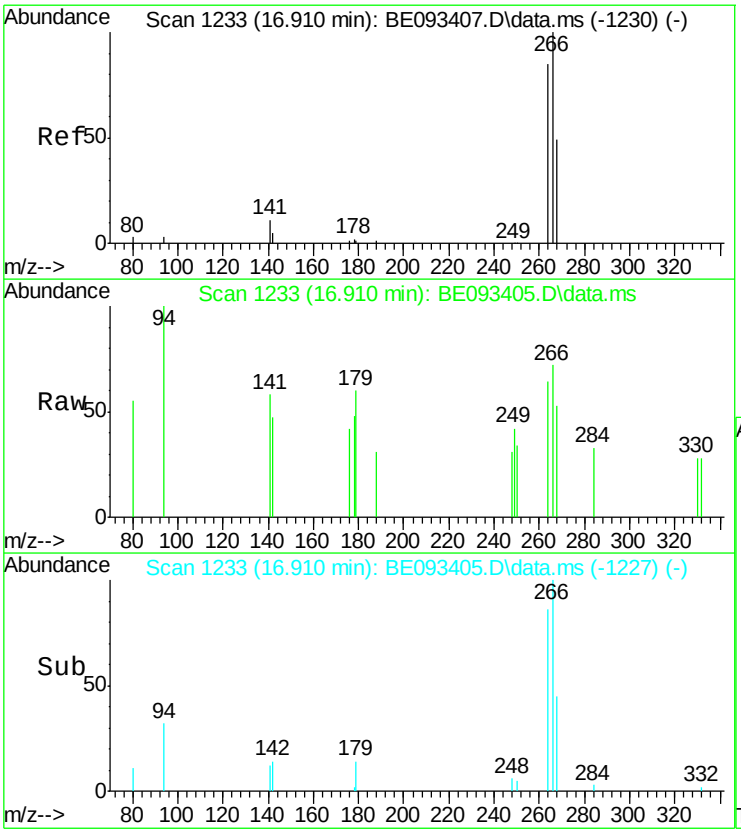
#21
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.584 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1699

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	24.2	0.0	0.0#

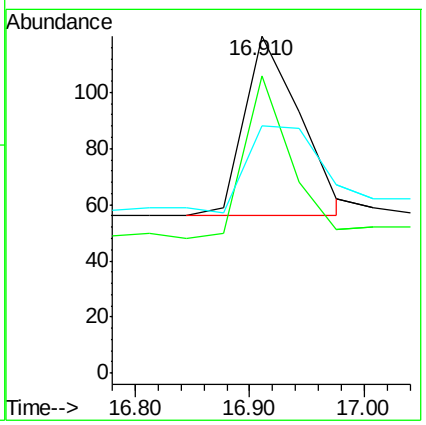


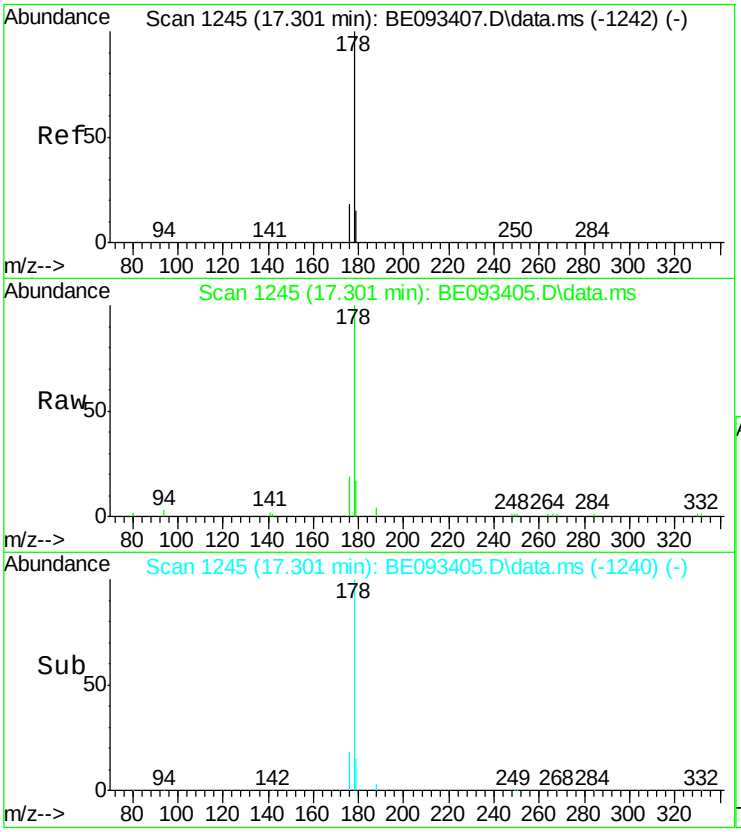


#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:266 Resp: 215

Ion	Ratio	Lower	Upper
266	100		
264	88.3	58.2	87.2#
268	73.3	71.9	107.9



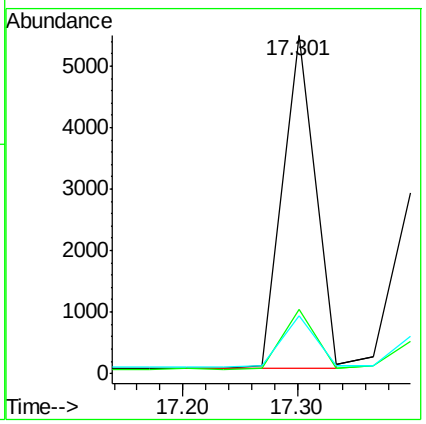


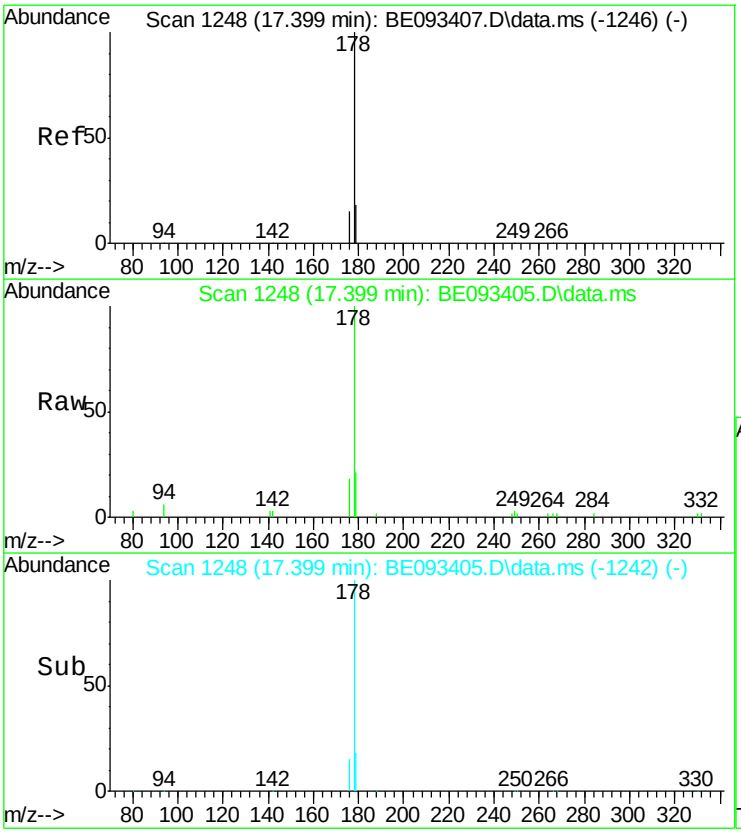
#23
Phenanthrene
Concen: 0.14 ng
RT: 17.301 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 10796

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.6	12.7	19.1

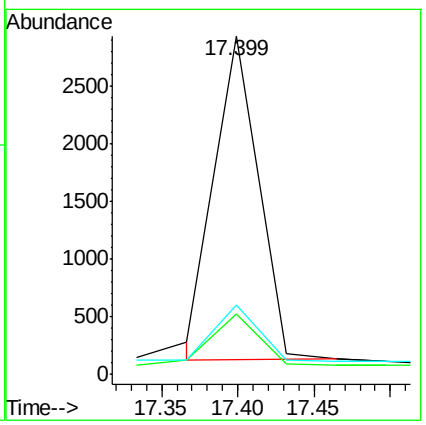


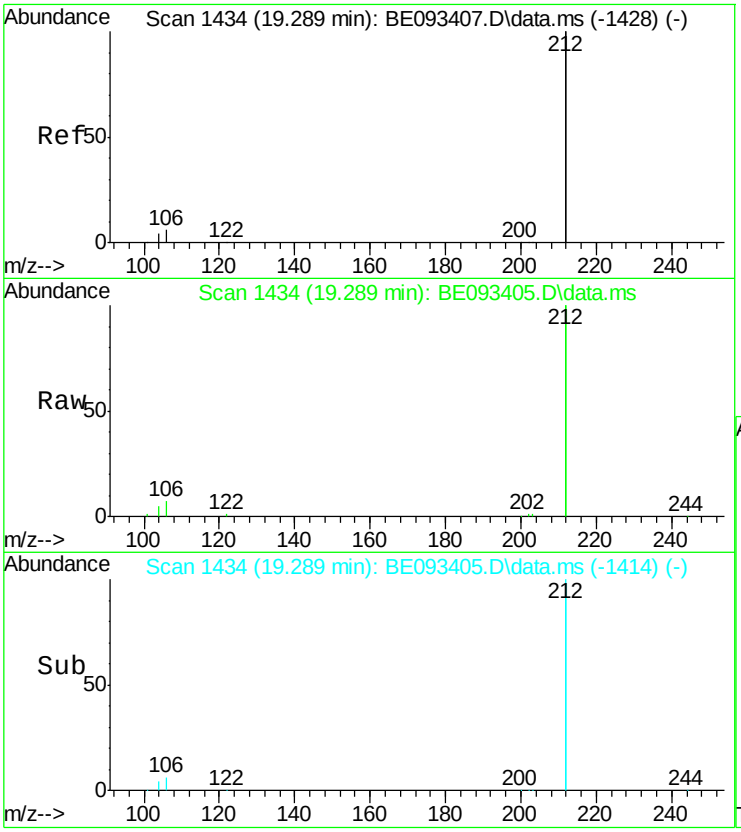


#24
Anthracene
Concen: 0.07 ng
RT: 17.399 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:178 Resp: 5585

Ion	Ratio	Lower	Upper
178	100		
176	15.7	14.6	22.0
179	17.2	12.0	18.0



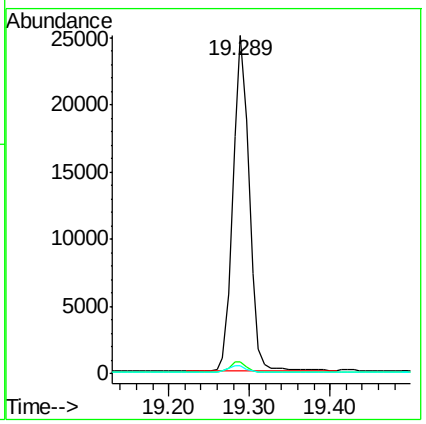


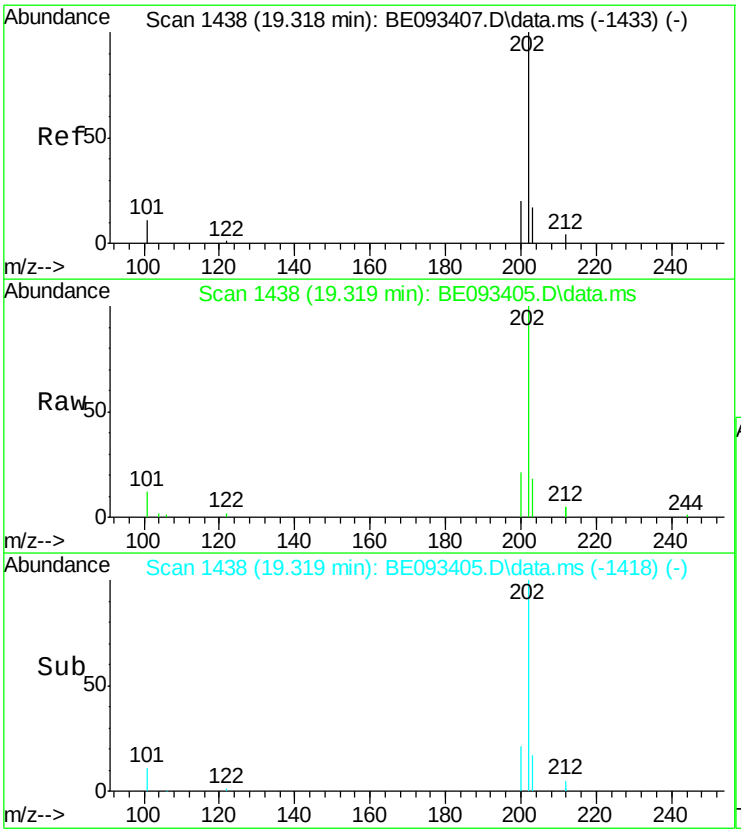
#25
Fluoranthene-d10
Concen: 0.12 ng
RT: 19.289 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 34664

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

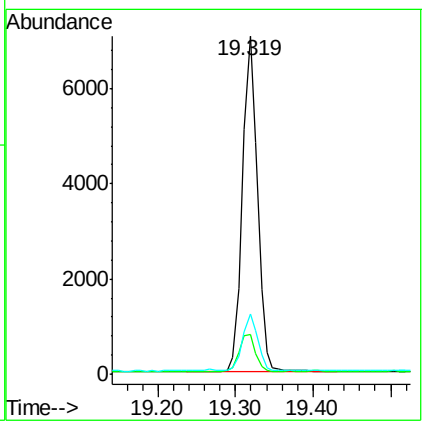


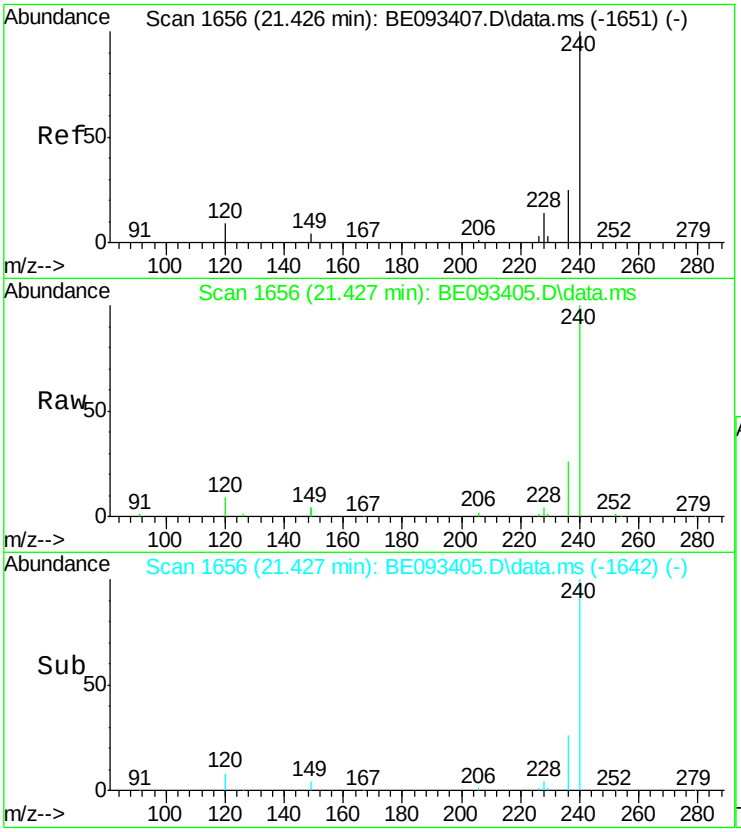


#26
Fluoranthene
Concen: 0.12 ng
RT: 19.319 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:202 Resp: 9556

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	16.8	14.4	21.6



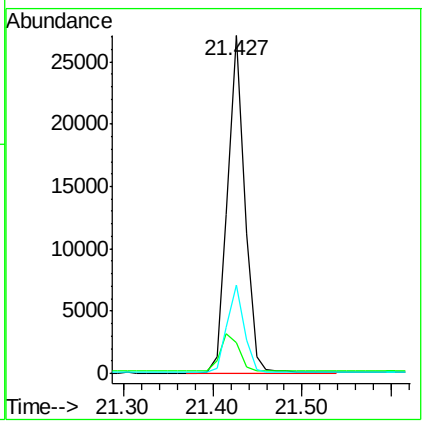


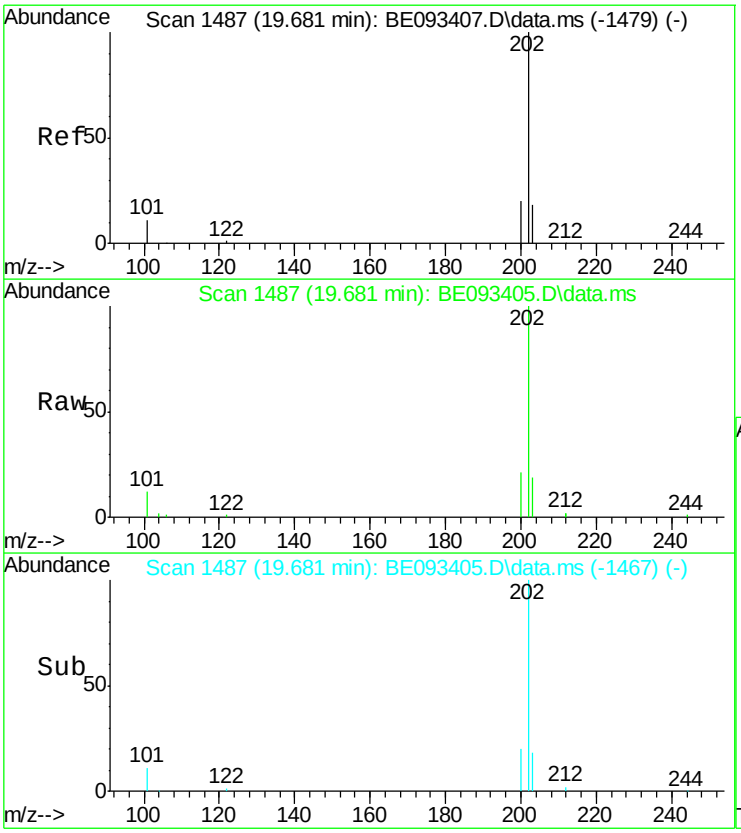
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.427 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 36210

Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.6	7.0#
236	26.3	20.8	31.2

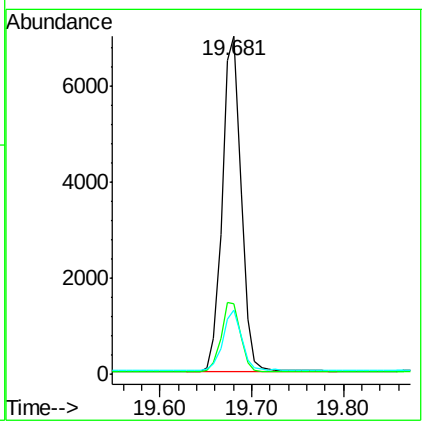


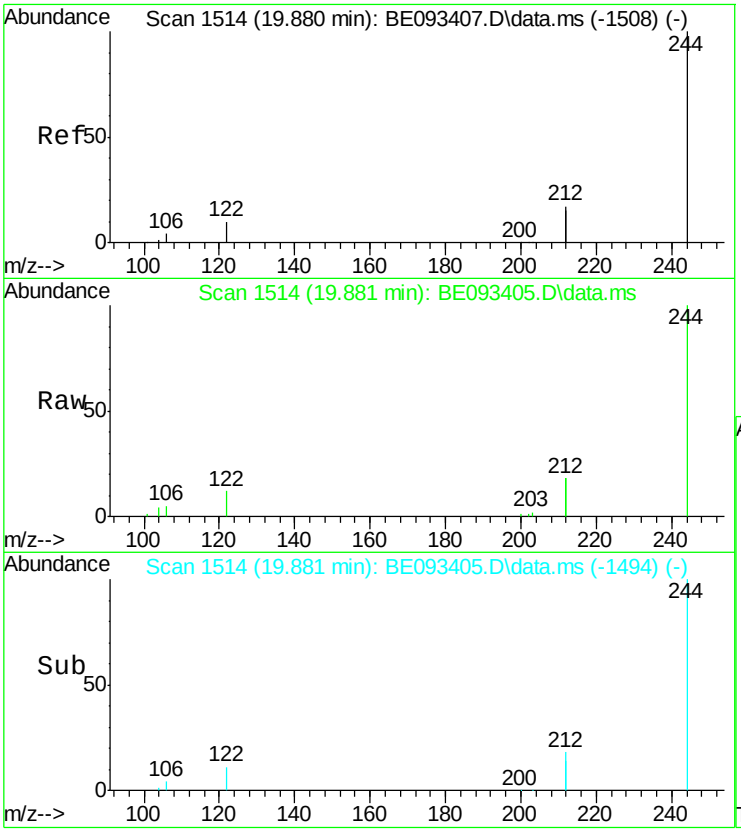


#28
Pyrene
Concen: 0.10 ng
RT: 19.681 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:202 Resp: 9915

Ion	Ratio	Lower	Upper
202	100		
200	21.4	0.0	0.0#
203	17.9	13.7	20.5



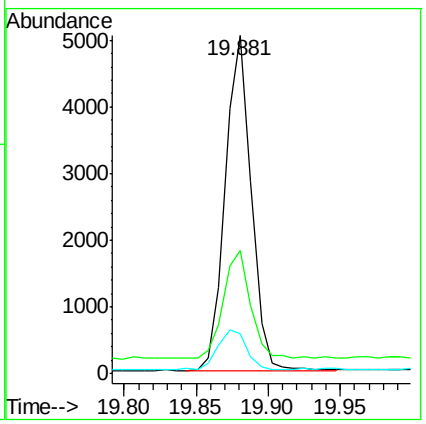


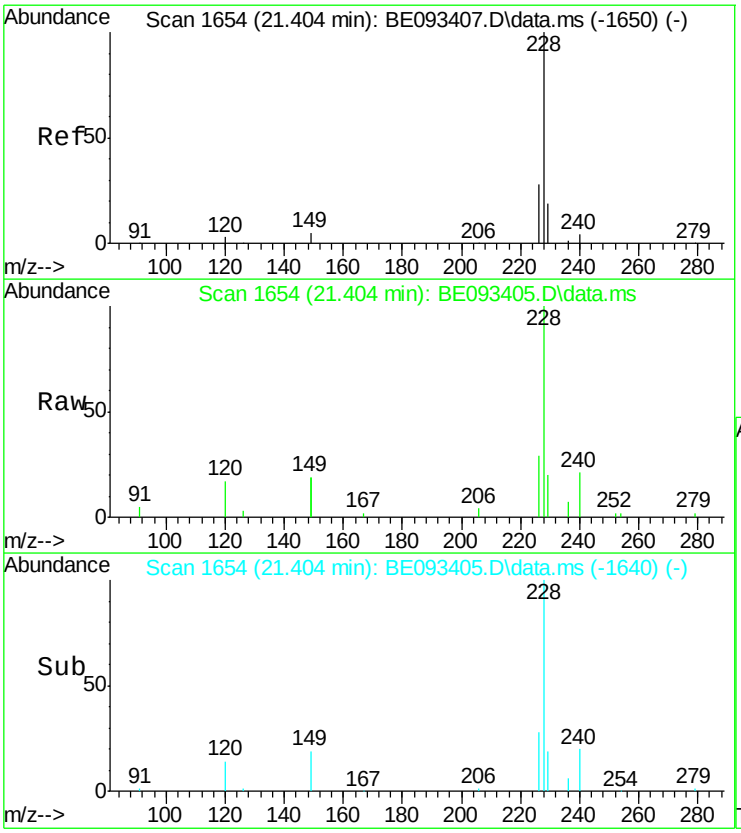
#29
Terphenyl-d14
Concen: 0.09 ng
RT: 19.881 min Scan# 15
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 6293

Ion	Ratio	Lower	Upper
244	100		
212	36.5	10.6	16.0#
122	11.8	15.4	23.0#

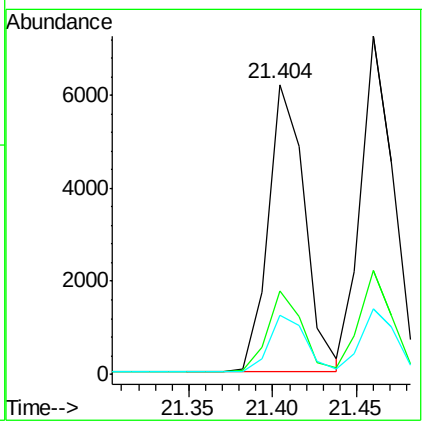


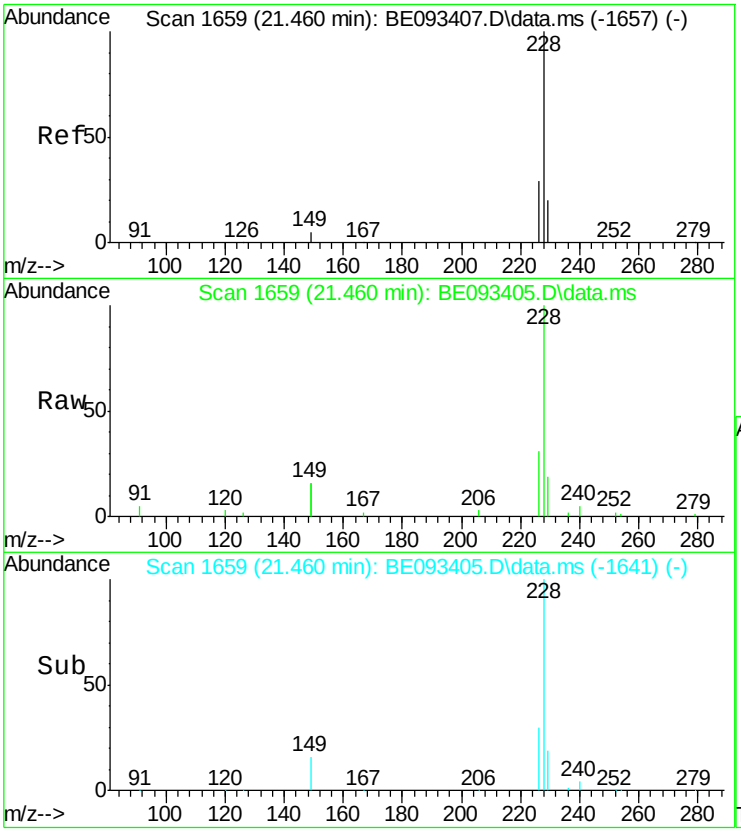


#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.404 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:228 Resp: 9371

Ion	Ratio	Lower	Upper
228	100		
226	28.7	19.7	29.5
229	20.2	19.2	28.8



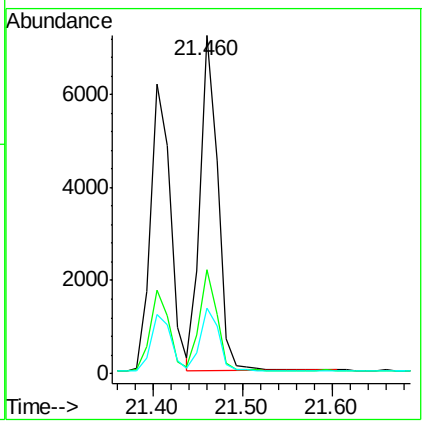


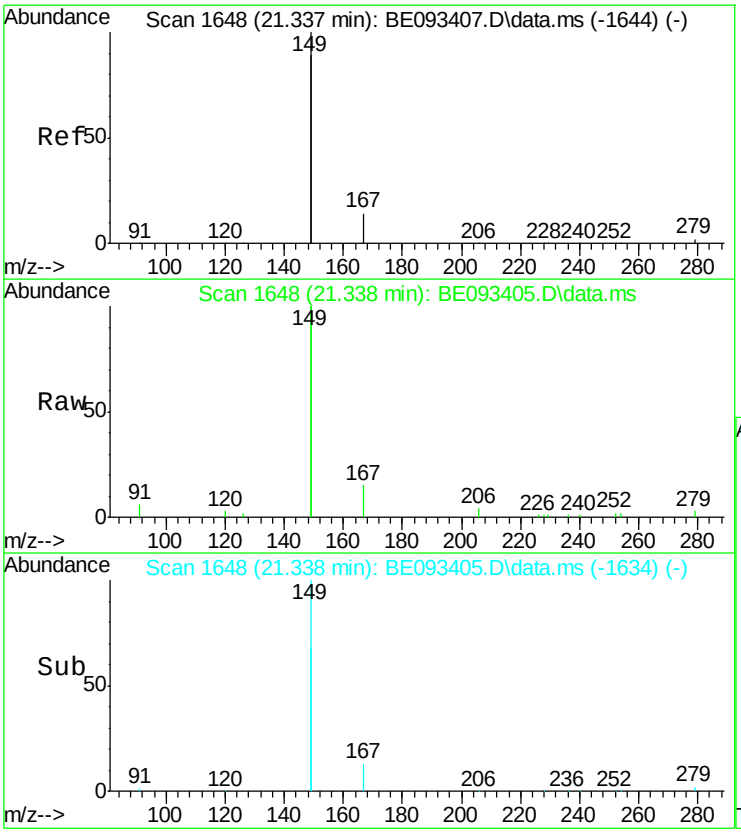
#31
Chrysene
Concen: 0.10 ng
RT: 21.460 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 9914

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.5	32.3
229	19.3	18.6	28.0

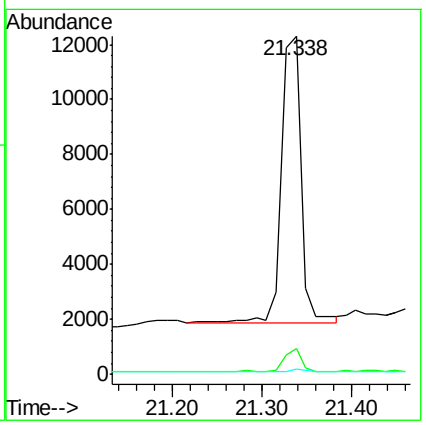


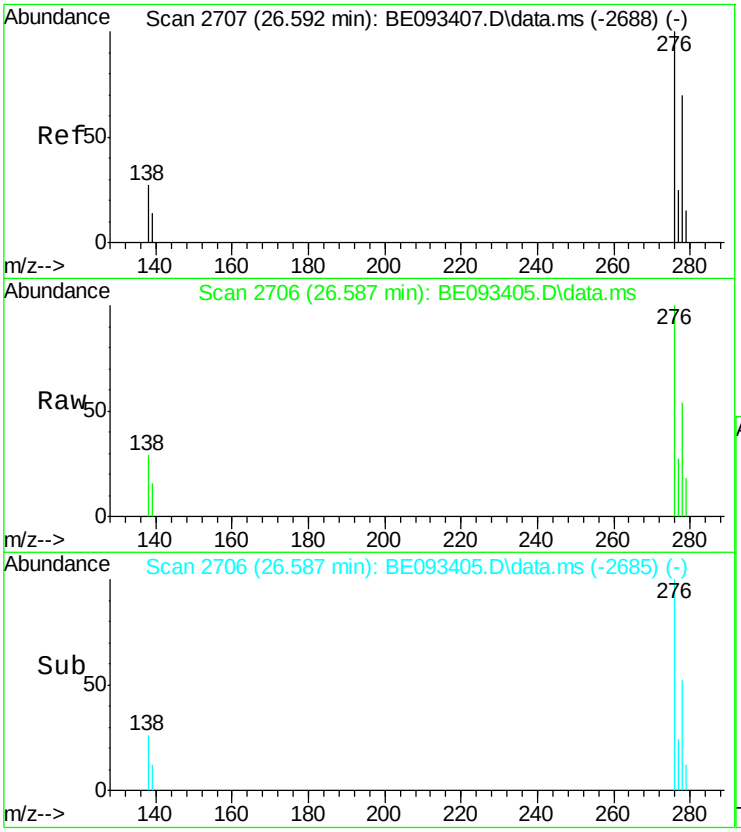


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.338 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:149 Resp: 16152

Ion	Ratio	Lower	Upper
149	100		
167	7.2	20.1	30.1#
279	1.2	2.2	3.4#



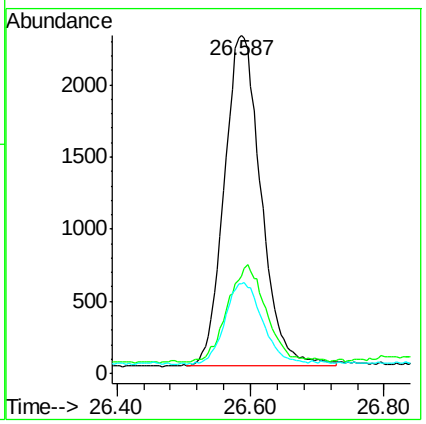


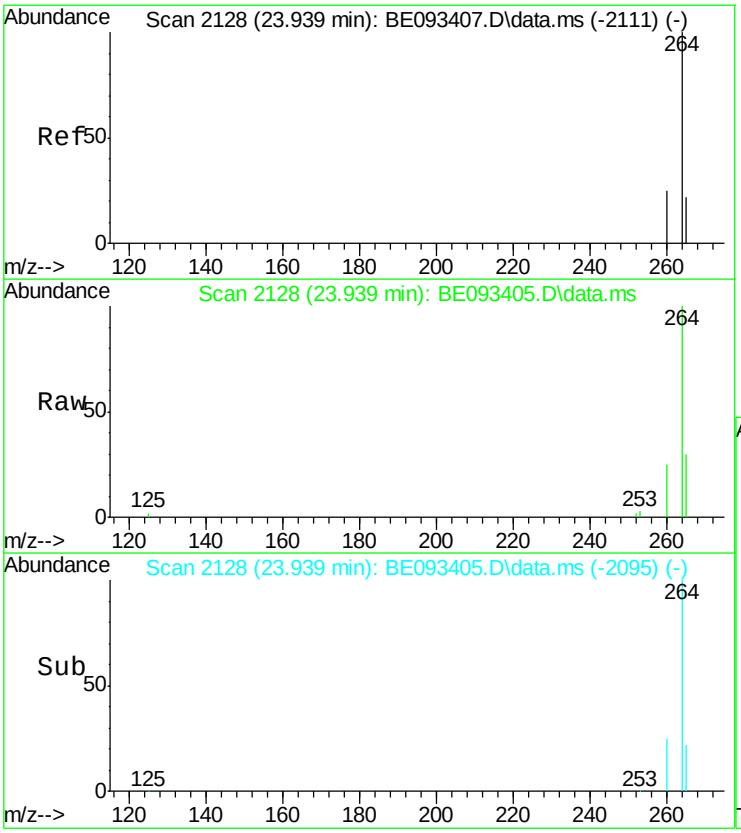
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.587 min Scan# 27
Delta R.T. -0.005 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8685

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.4	41.2
277	25.8	20.1	30.1

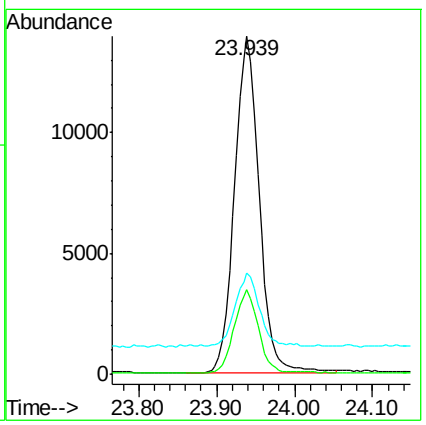


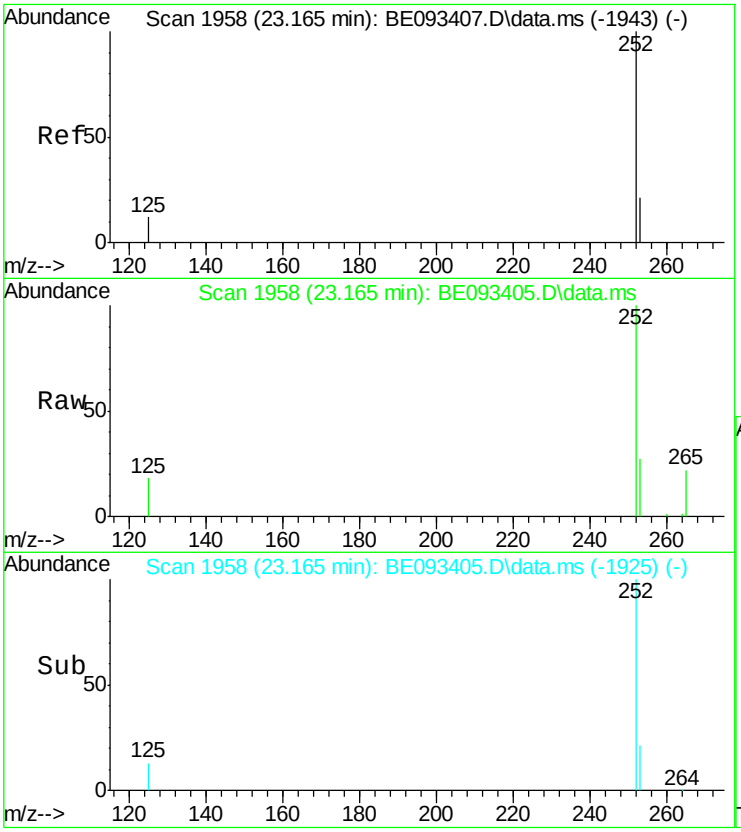


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.939 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:264 Resp: 30538

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	30.0	24.6	36.8



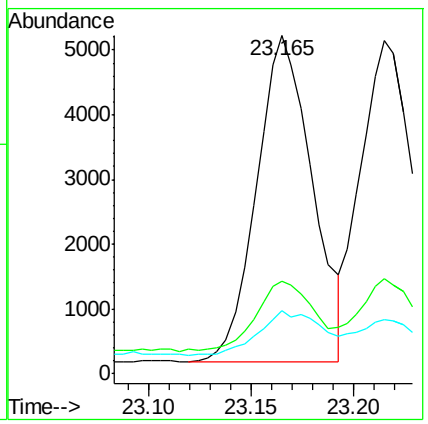


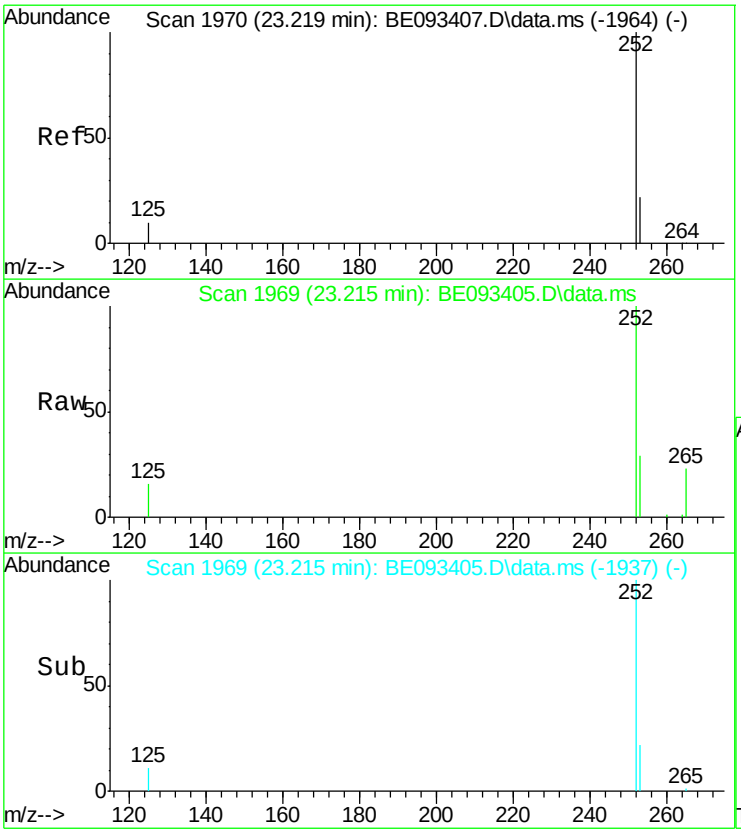
#35
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.165 min Scan# 19
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9518

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.5	27.7
125	18.4	13.4	20.0

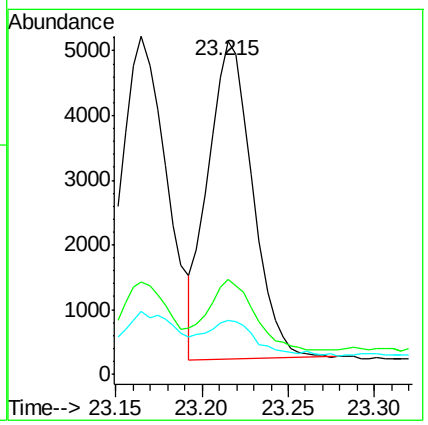


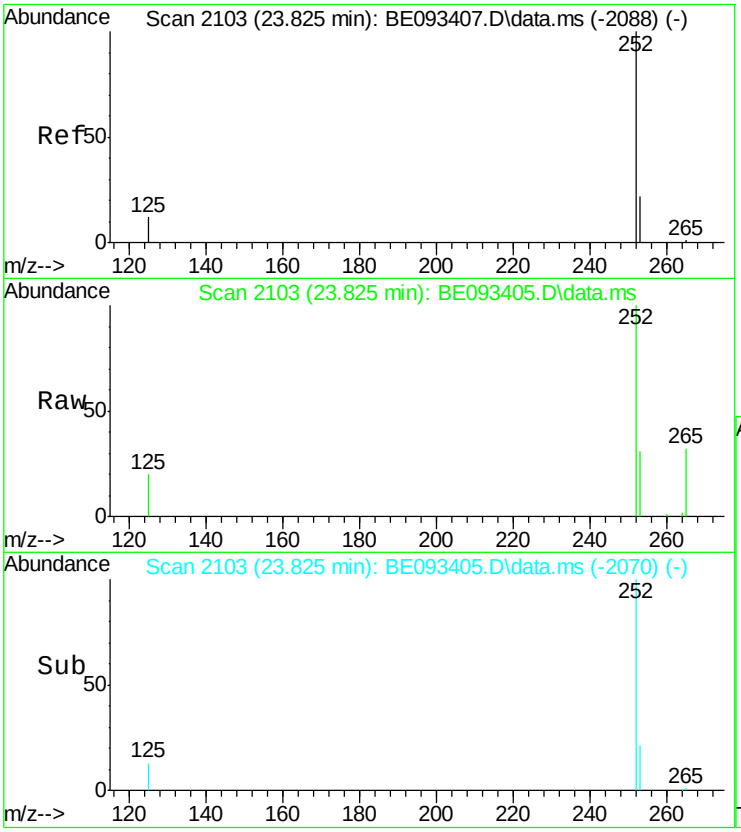


#36
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.215 min Scan# 1969
Delta R.T. -0.004 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:252 Resp: 8843

Ion	Ratio	Lower	Upper
252	100		
253	28.5	20.3	30.5
125	16.2	12.2	18.4



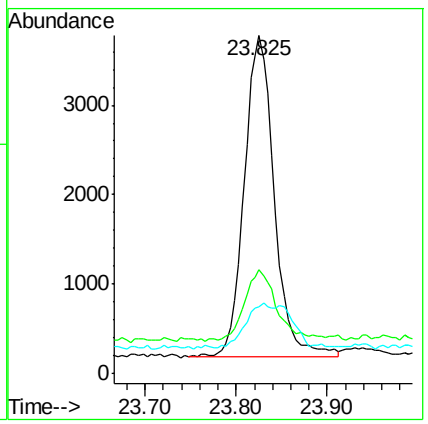


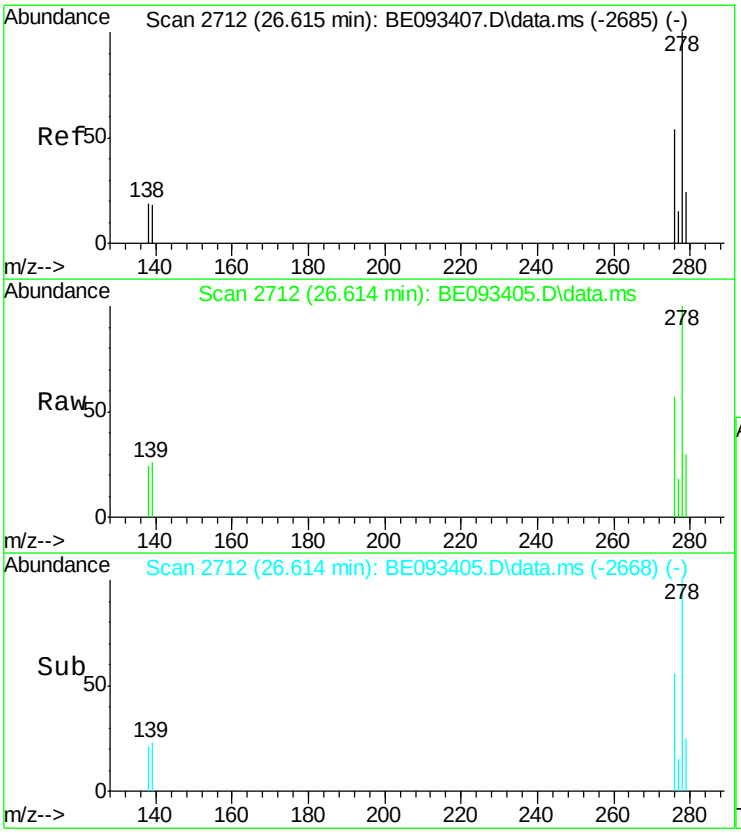
#37
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.825 min Scan# 21
Delta R.T. 0.000 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8246

Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.9	29.9#
125	19.8	14.6	21.8

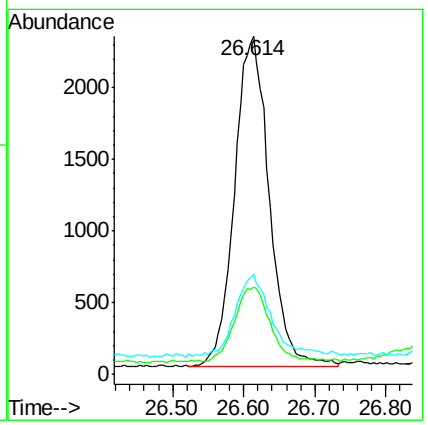


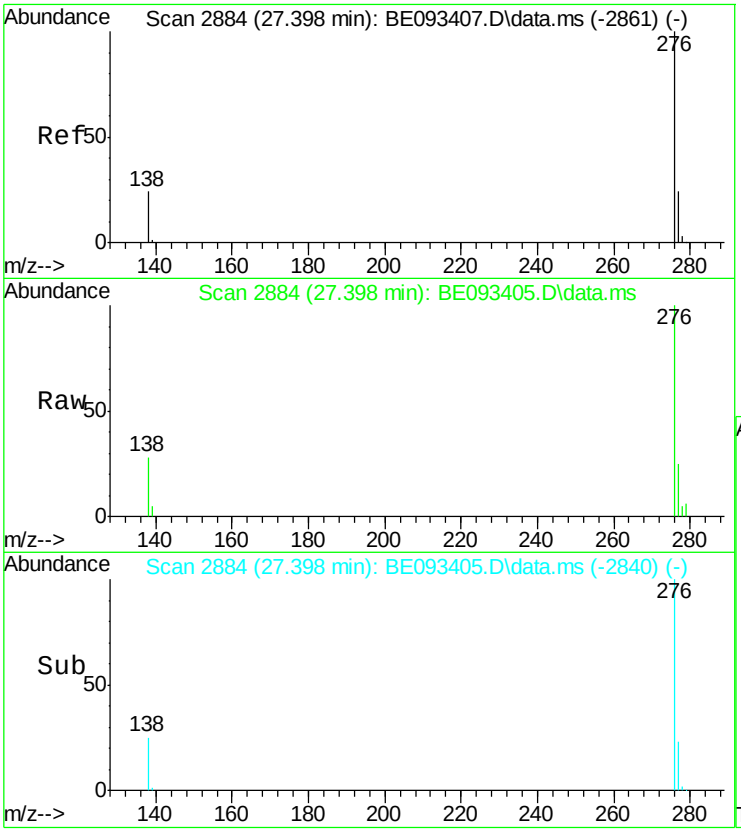


#38
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 26.614 min Scan# 2712
Delta R.T. -0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Tgt Ion:278 Resp: 7737

Ion	Ratio	Lower	Upper
278	100		
139	25.7	21.4	32.0
279	29.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 27.398 min Scan# 28
Delta R.T. -0.001 min
Lab File: BE093405.D
Acq: 2 Jul 2017 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8035

Ion	Ratio	Lower	Upper
276	100		
277	25.3	21.2	31.8
138	27.7	24.5	36.7