Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
Data File : BE093427.D
Acq On : 6 Jul 2017 10:29
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 07 06:48:49 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	7.95	152	3366	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	17886	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	11234	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	33051	0.40	ng		0.00
27) Chrysene-d12	21.43	240	36968	0.40	ng		0.00
34) Perylene-d12	23.93	264	33377	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	4094	0.40	ng		0.00
5) Phenol-d6	7.10	99	6431	0.43	ng		0.00
8) Nitrobenzene-d5	9.08	82	5068	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	11345	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1437	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	16960	0.39	ng		0.00
25) Fluoranthene-d10	19.29	212	140685	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	25634	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	2631	0.369	ng		99
3) n-Nitrosodimethylamine	3.75	42	1500	0.412	ng	#	85
6) bis(2-Chloroethyl)ether	7.35	93	4349	0.386	ng	#	95
9) Naphthalene	10.77	128	72684	0.388	ng	#	73
10) Hexachlorobutadiene	11.08	225	2807	0.395	ng		99
12) 2-Methylnaphthalene	12.38	142	12425	0.395	ng		99
16) Acenaphthylene	14.26	152	18657	0.399	ng	#	87
17) Acenaphthene	14.60	154	13250	0.387	ng		100
18) Fluorene	15.59	166	17504	0.372	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	6179	0.341	ng	#	34
21) Hexachlorobenzene	16.58	284	7467	0.382	ng	#	100
22) Pentachlorophenol	16.91	266	931	0.364	ng	#	74
23) Phenanthrene	17.30	178	44439	0.370	ng		98
24) Anthracene	17.40	178	26243	0.356	ng		93
26) Fluoranthene	19.32	202	40052	0.355	ng		98
28) Pyrene	19.67	202	40694	0.392	ng	#	98
30) Benzo(a)anthracene	21.40	228	40992	0.411	ng		93
31) Chrysene	21.46	228	40618	0.389	ng		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	68069	0.474	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.58	276	39772	0.434	ng		95
35) Benzo(b)fluoranthene	23.17	252	39401	0.366	ng		97
36) Benzo(k)fluoranthene	23.22	252	39878	0.374	ng		94
37) Benzo(a)pyrene	23.82	252	36257	0.384	ng		96
38) Dibenzo(a,h)anthracene	26.61	278	35486	0.387	ng	#	91
39) Benzo(g,h,i)perylene	27.40	276	35515	0.384	ng		92

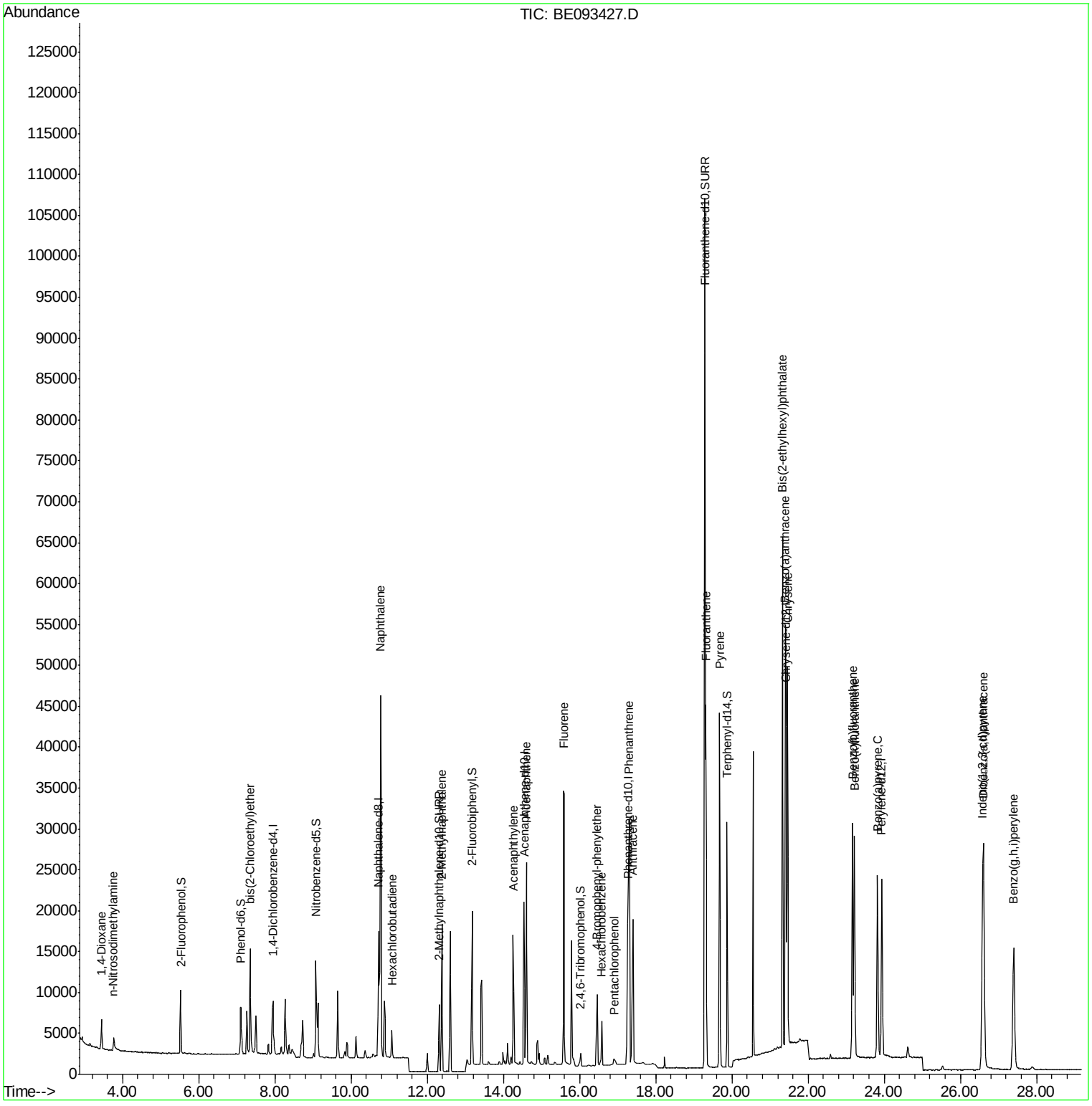
(#) = qualifier out of range (m) = manual integration (+) = signals summed

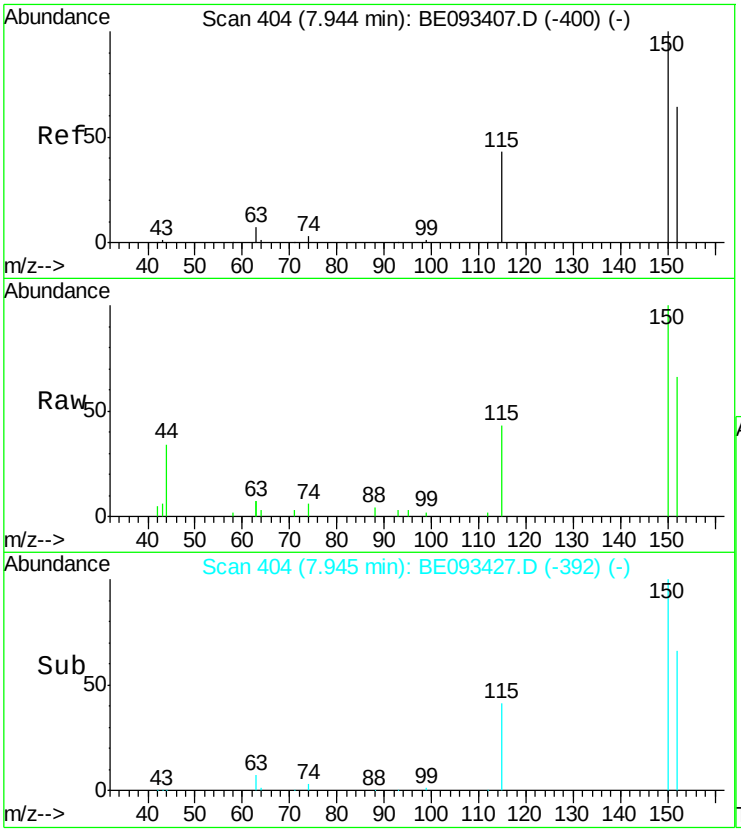
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
Data File : BE093427.D
Acq On : 6 Jul 2017 10:29
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 07 06:48:49 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



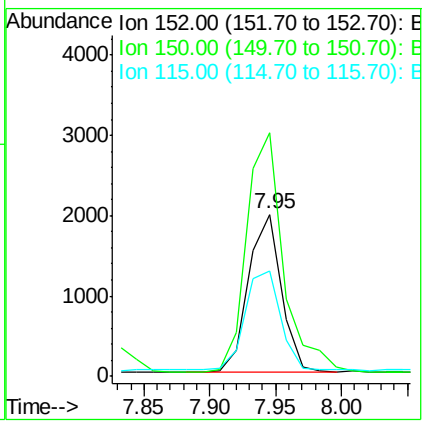


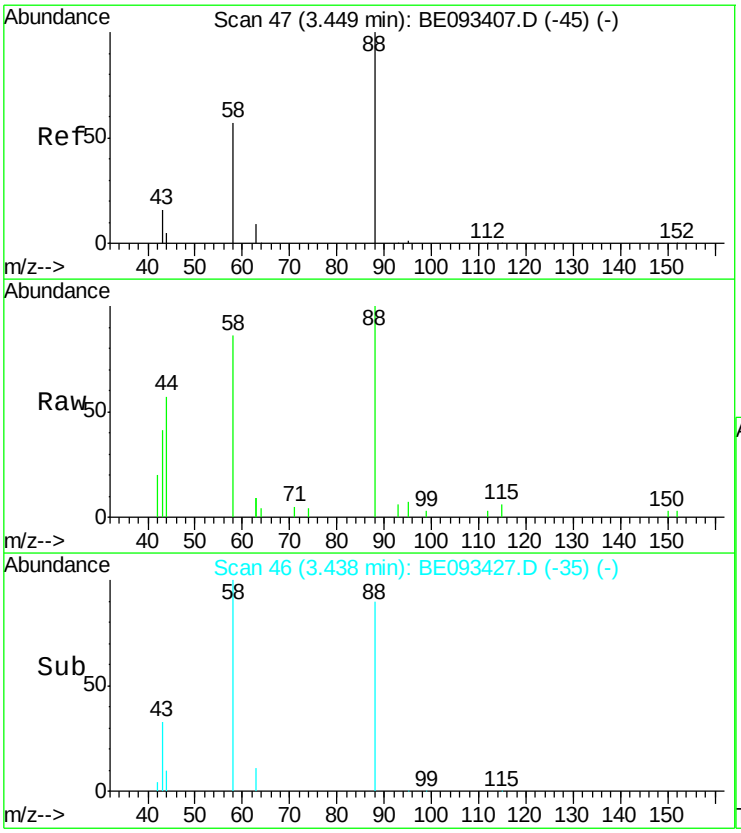
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3366

Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.1	187.7
115	65.1	55.7	83.5

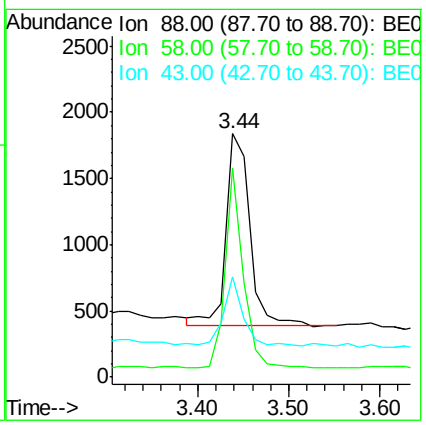


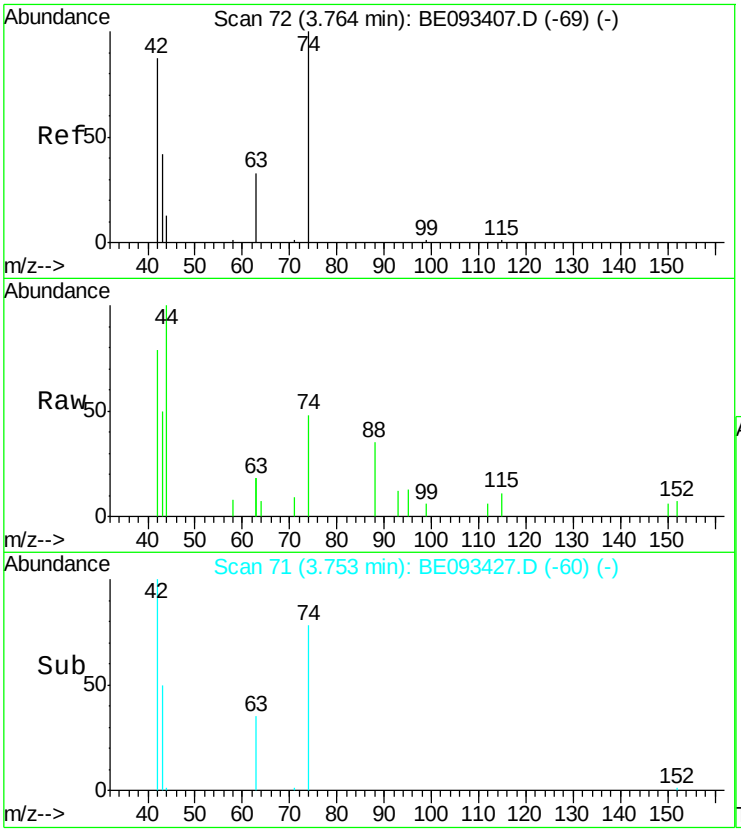


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion: 88 Resp: 2631

Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.2	93.4
43	29.4	23.2	34.8



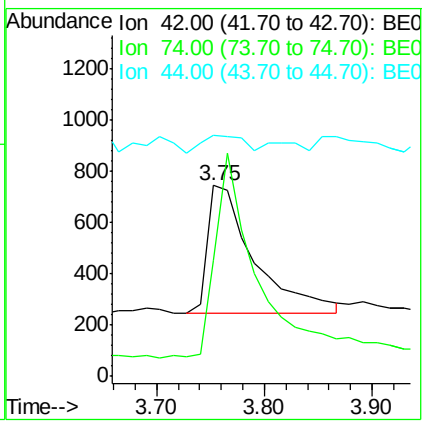


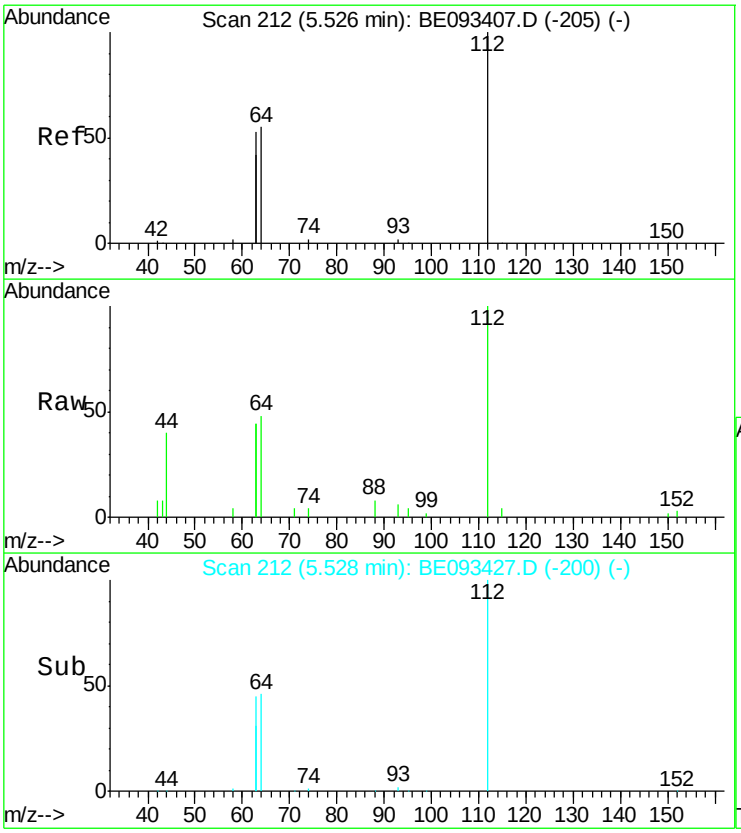
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1500

Ion	Ratio	Lower	Upper
42	100		
74	141.1	99.1	148.7
44	12.8	7.4	11.2#

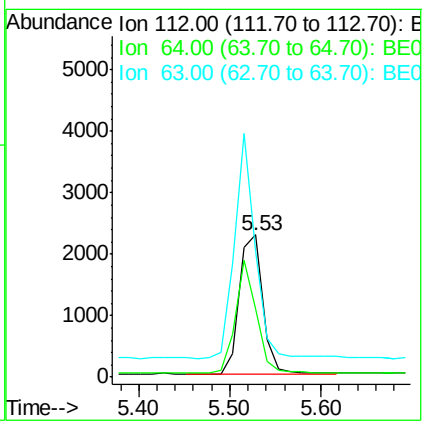


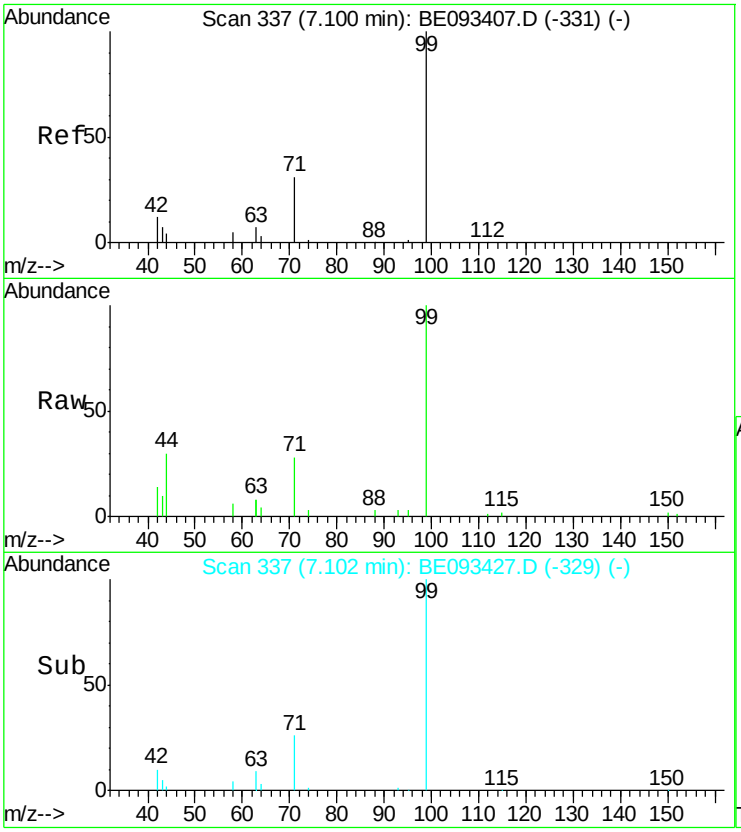


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:112 Resp: 4094

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.4	84.6
63	139.7	29.3	43.9#



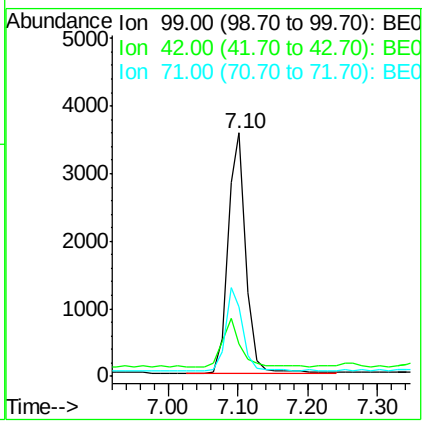


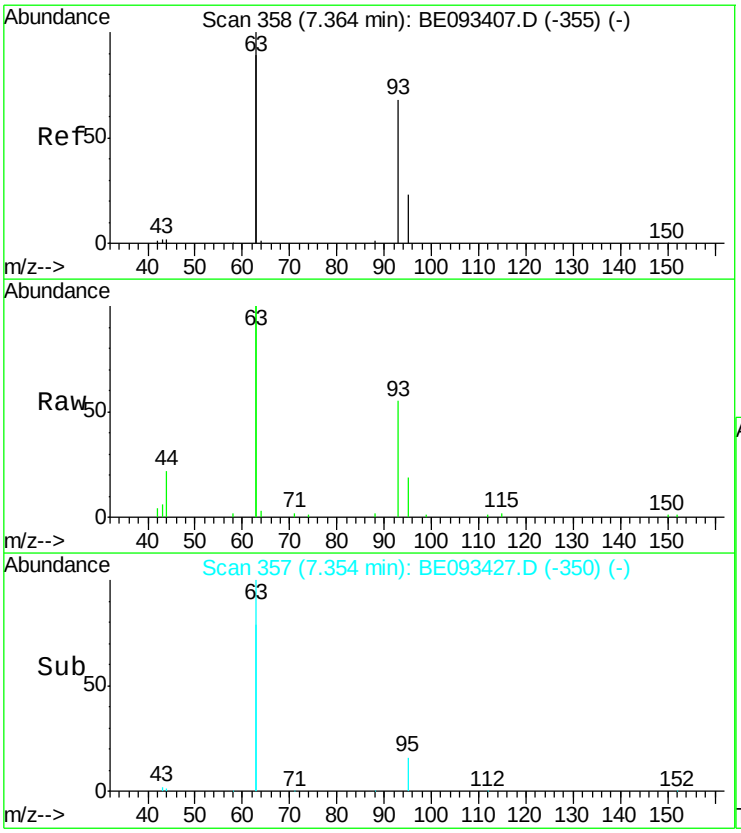
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6431

Ion	Ratio	Lower	Upper
99	100		
42	20.1	0.0	0.0#
71	34.9	0.0	0.0#

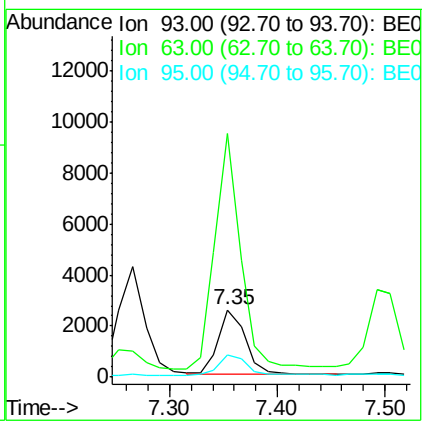


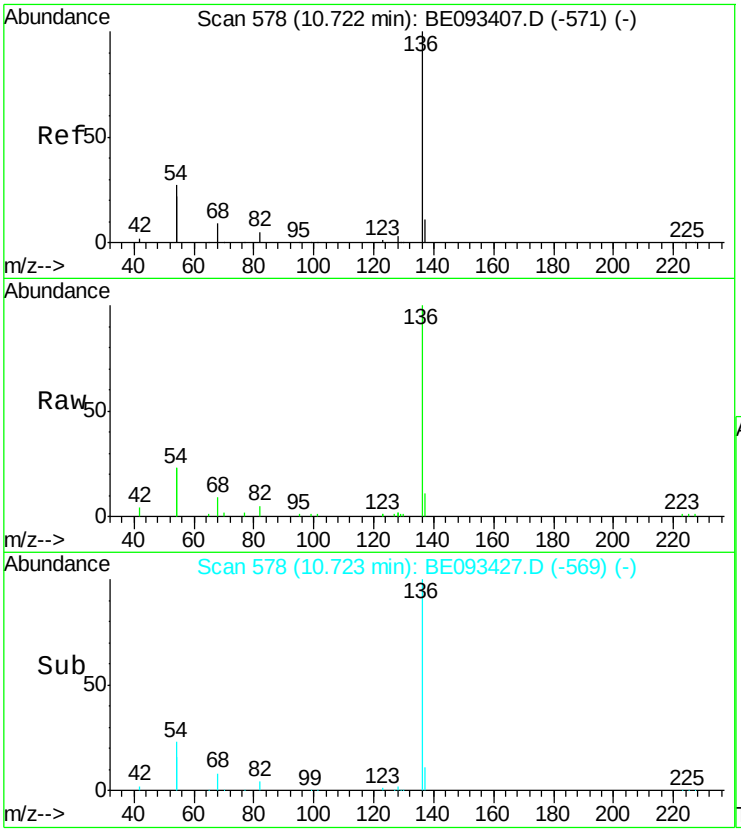


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion: 93 Resp: 4349

Ion	Ratio	Lower	Upper
93	100		
63	351.5	0.0	0.0#
95	34.7	25.4	38.0



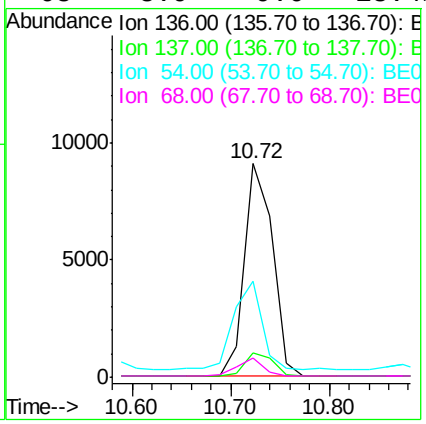


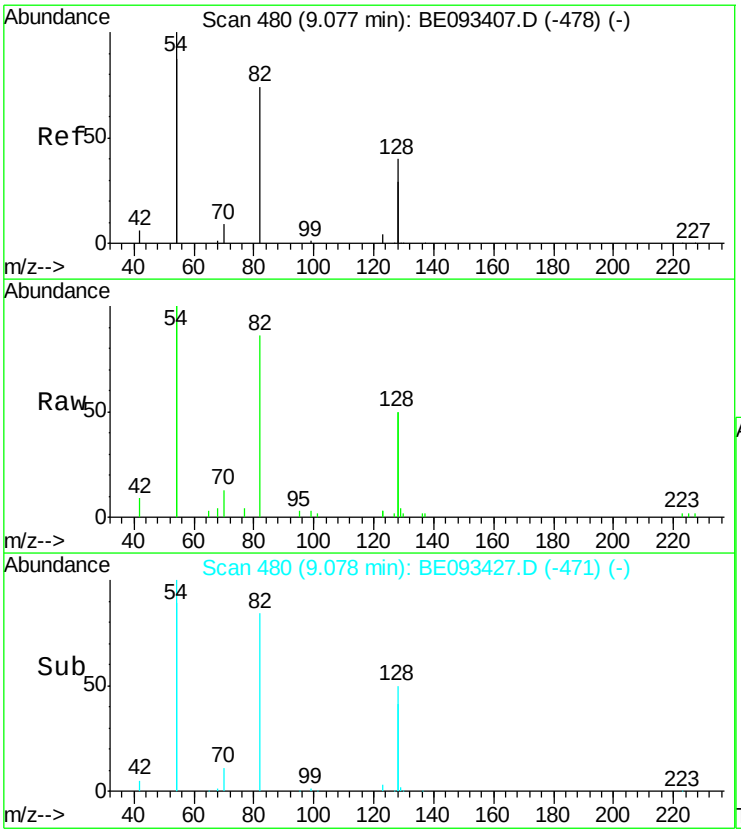
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 17886

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	45.1	10.3	15.5#
68	8.9	9.0	13.4#

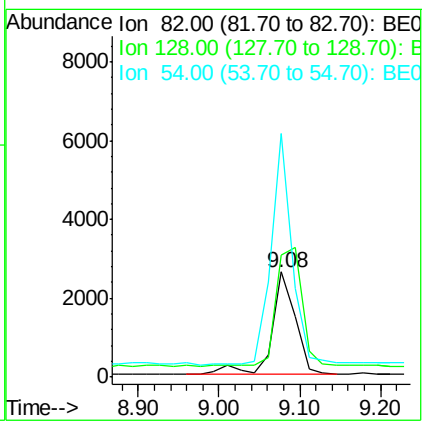


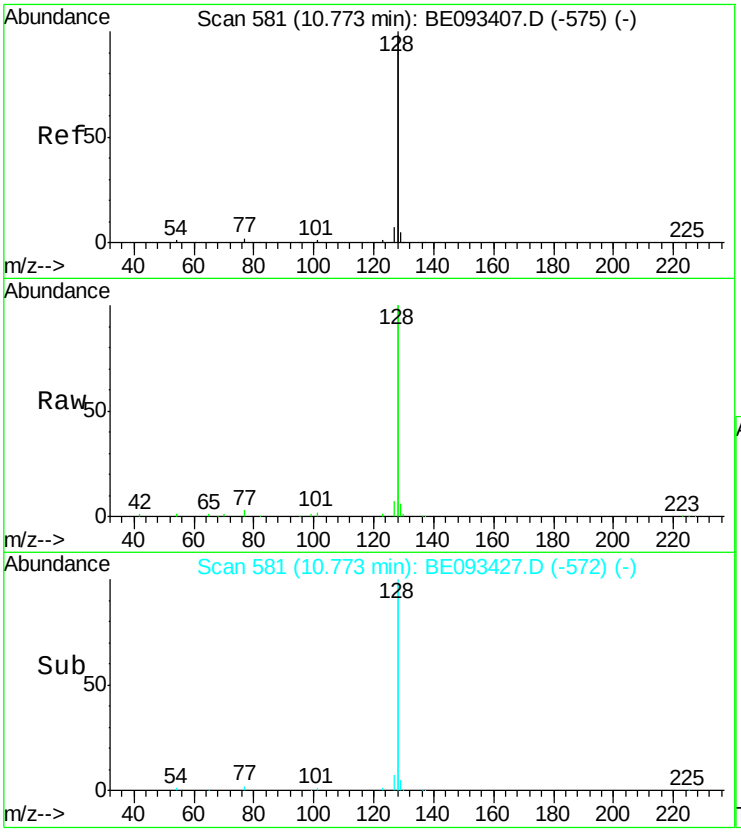


#8
Nitrobenzene-d5
Concen: 0.444 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion: 82 Resp: 5068

Ion	Ratio	Lower	Upper
82	100		
128	116.4	17.0	25.4#
54	231.5	53.8	80.6#



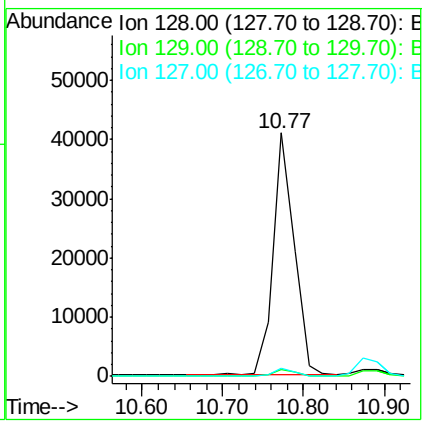


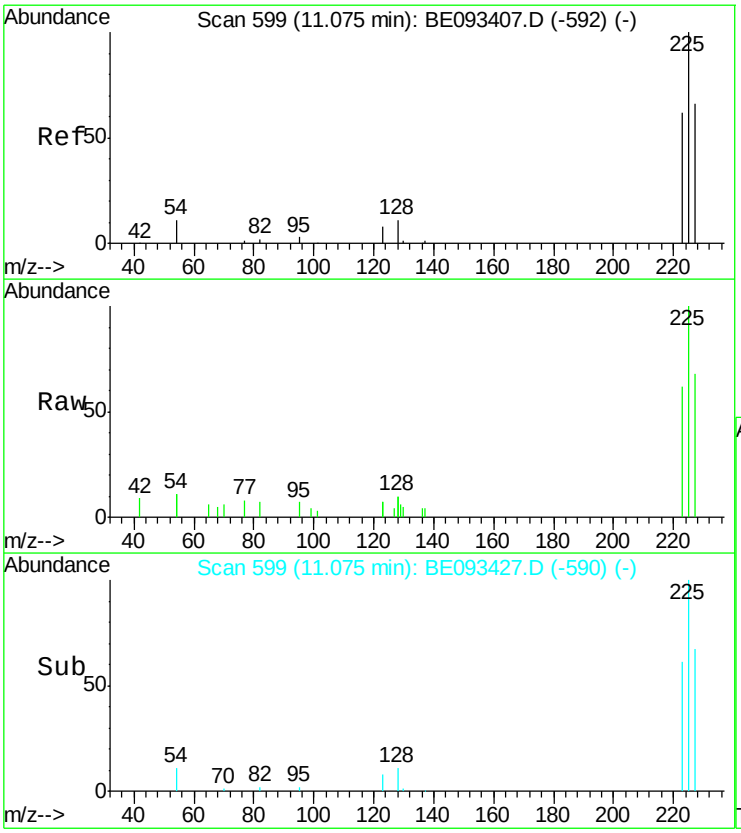
#9
Naphthalene
Concen: 0.388 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 72684

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

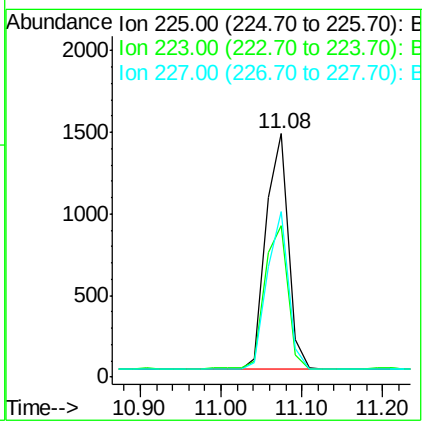


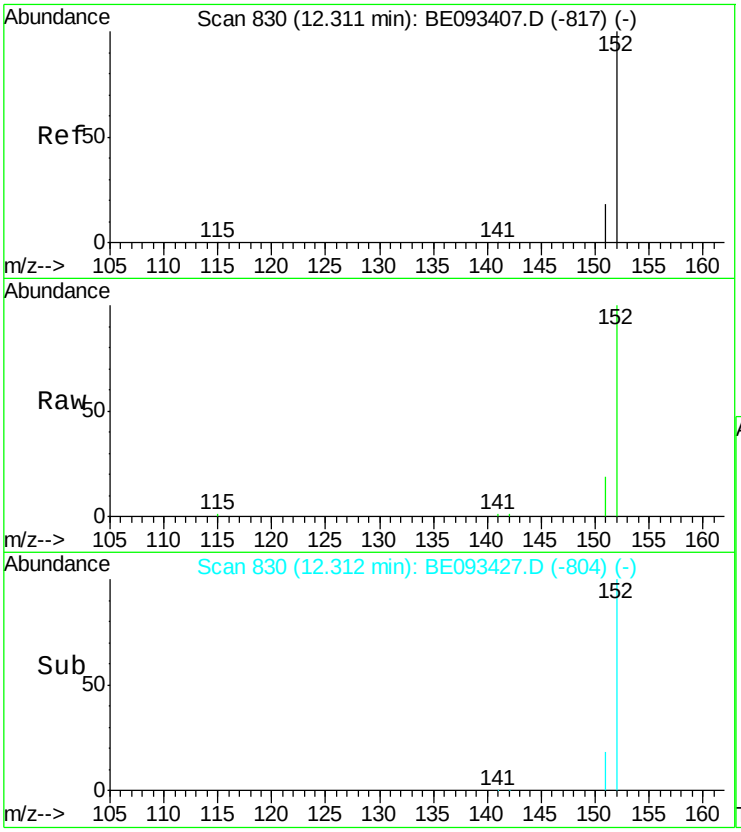


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:225 Resp: 2807

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.5	50.3	75.5



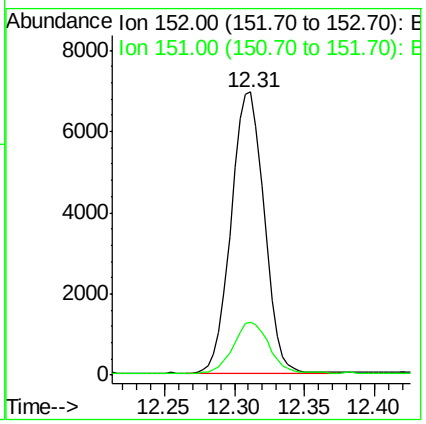


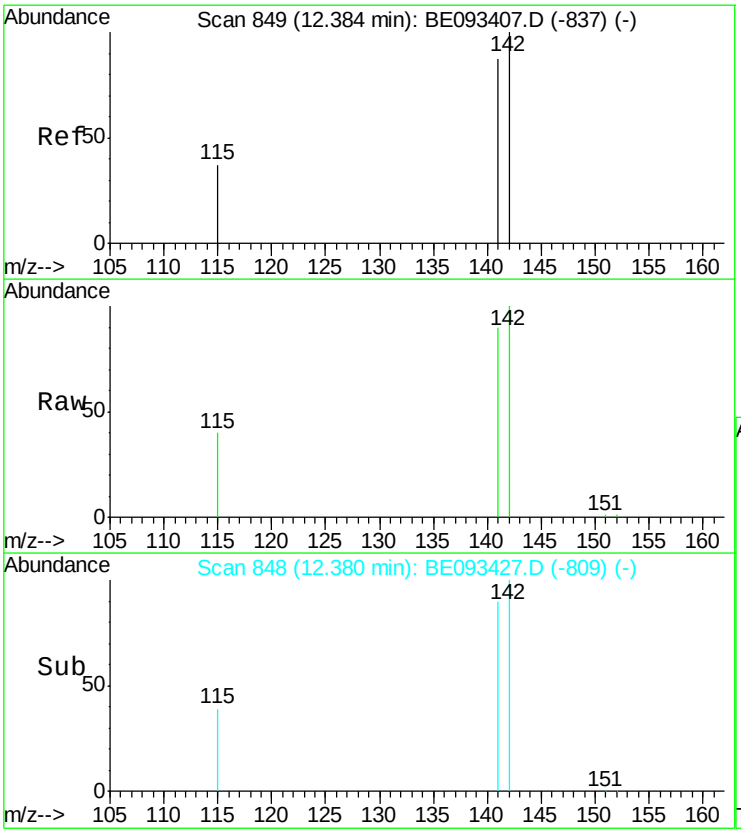
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.31 min Scan# 830
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11345

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

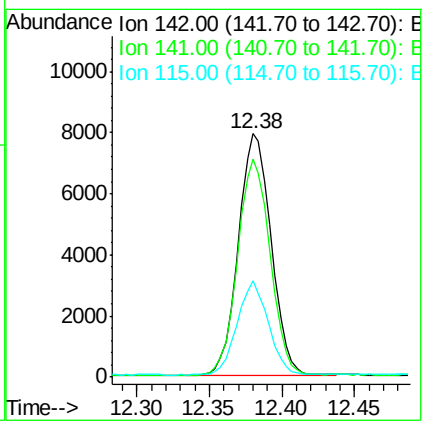


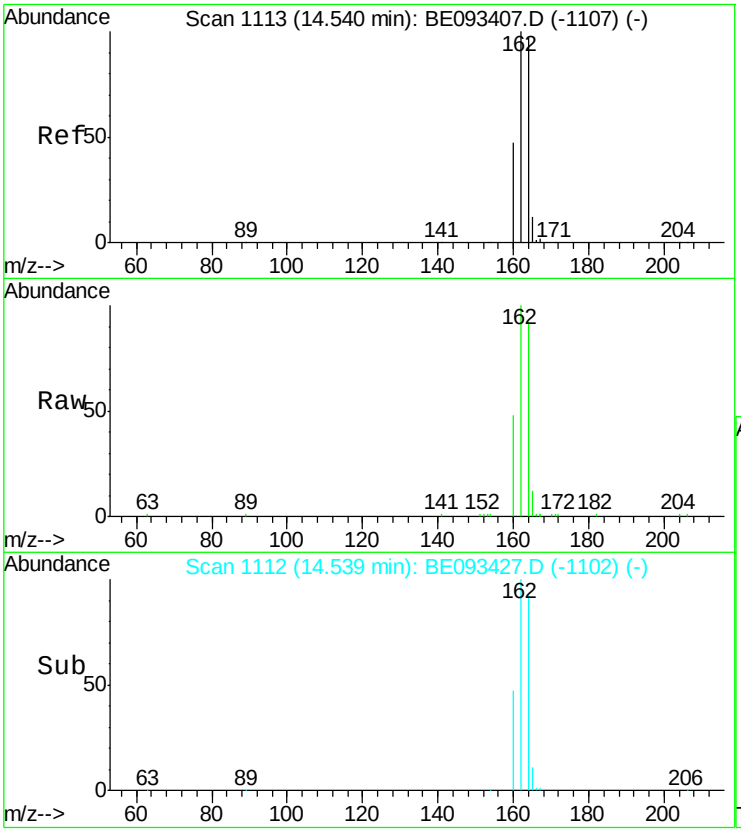


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:142 Resp: 12425

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8
115	39.5	32.2	48.2



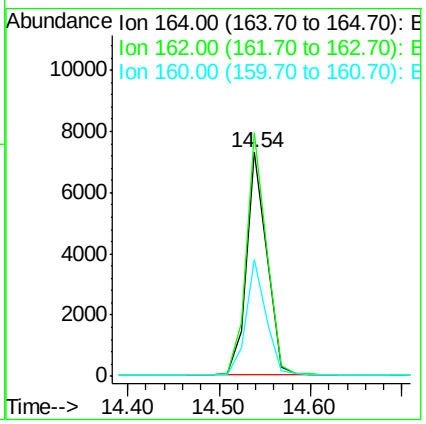


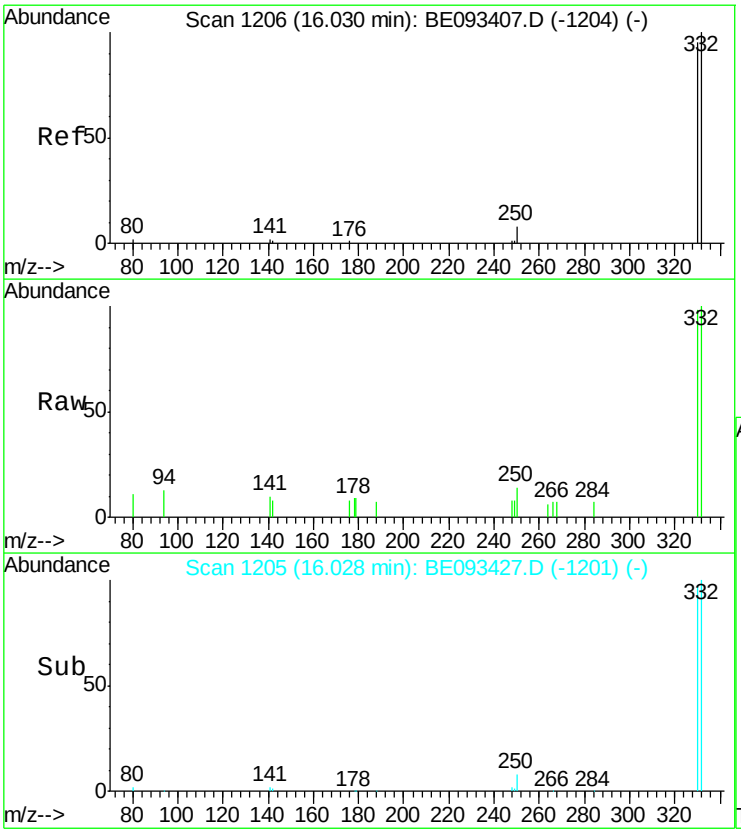
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 11234

Ion	Ratio	Lower	Upper
164	100		
162	108.6	84.6	127.0
160	51.9	41.8	62.6

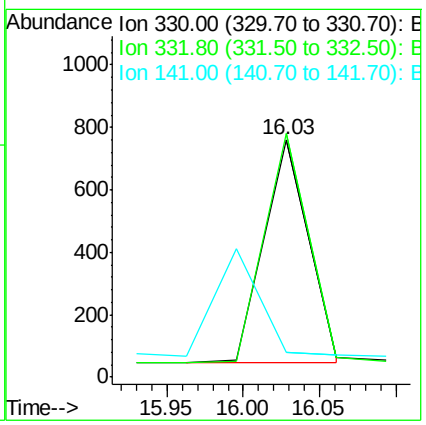


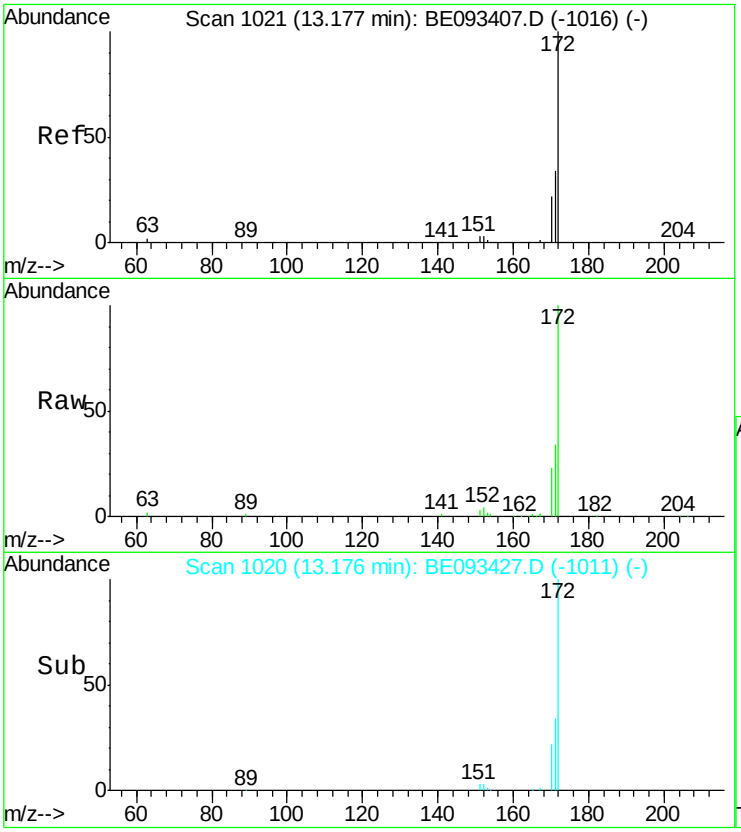


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.03 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:330 Resp: 1437

Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.7	116.5
141	0.0	56.2	84.4#



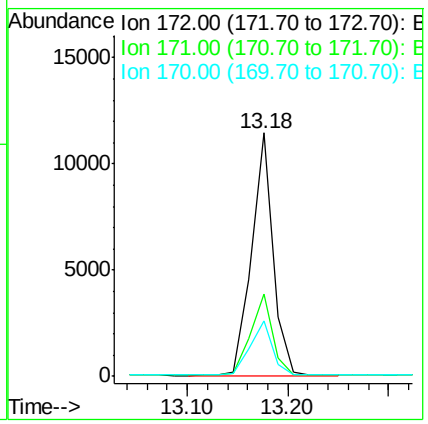


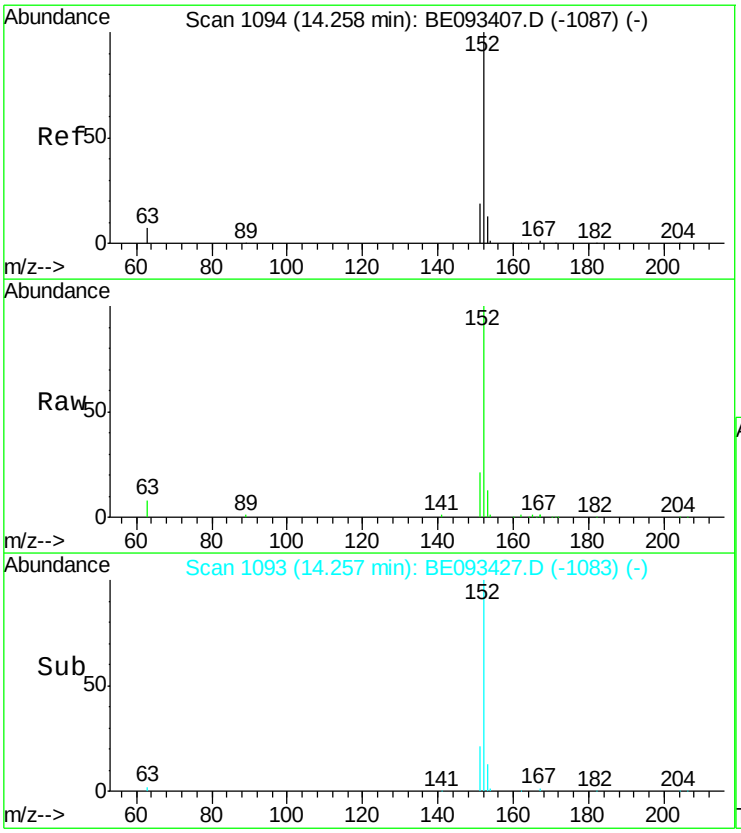
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16960

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.8	44.6
170	22.5	20.7	31.1

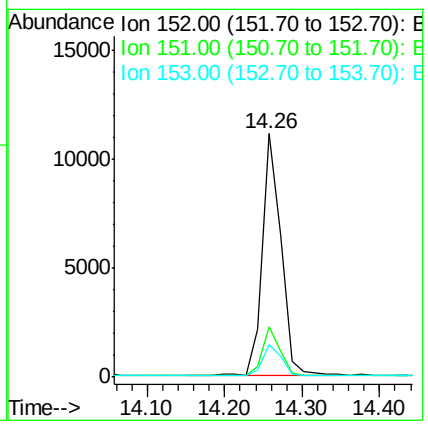


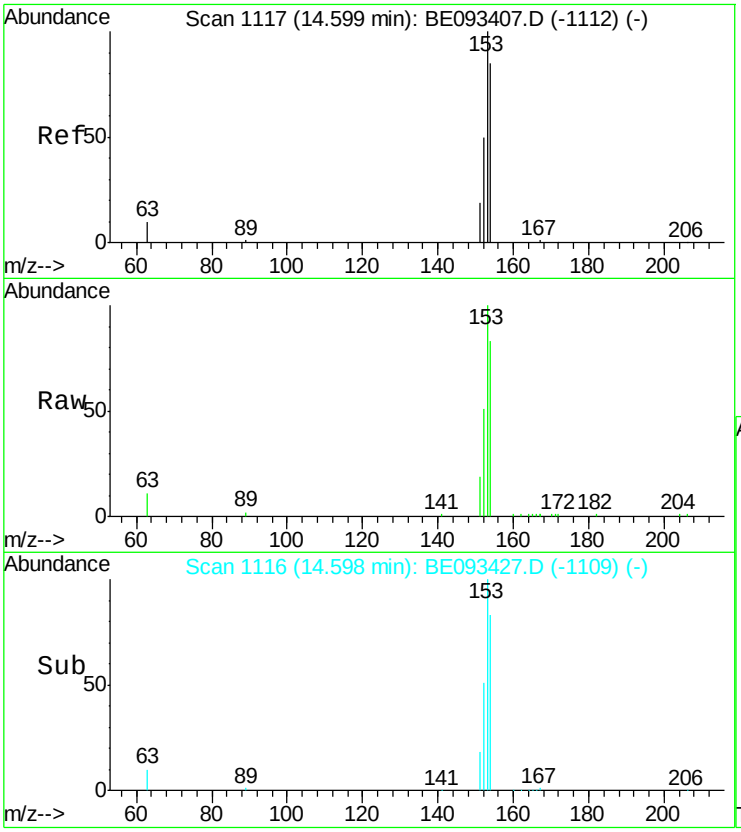


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:152 Resp: 18657

Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	13.2	10.3	15.5



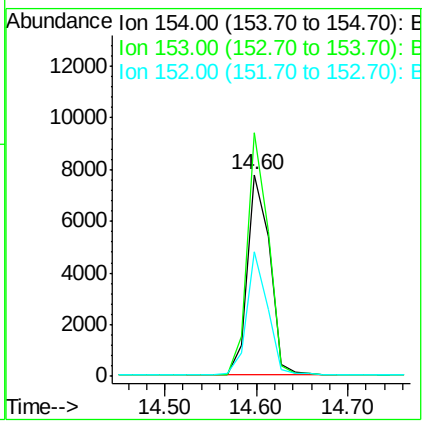


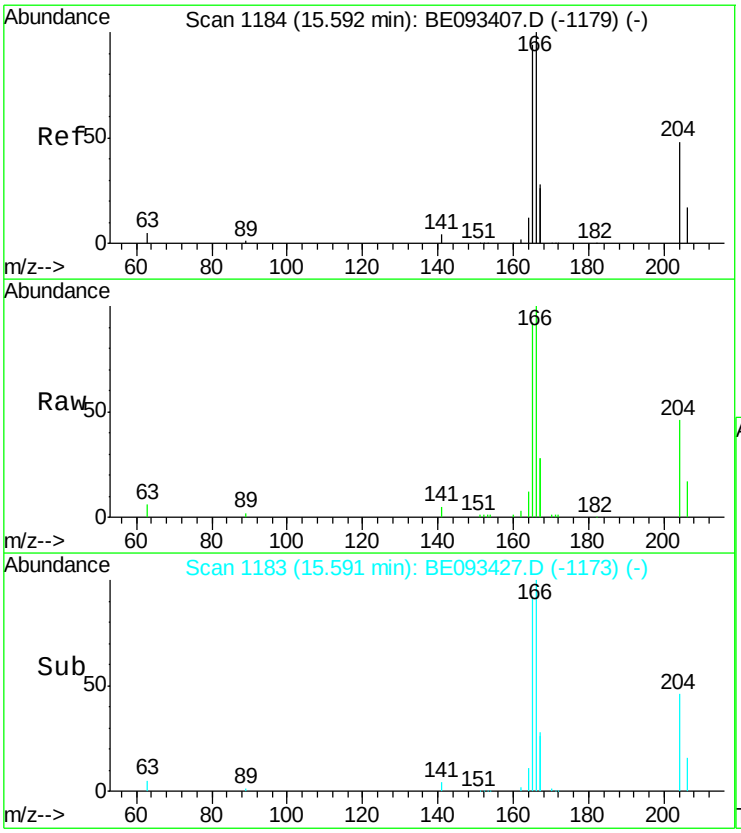
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13250

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	56.4	44.8	67.2

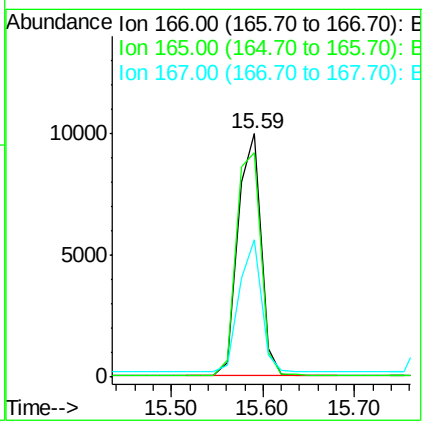


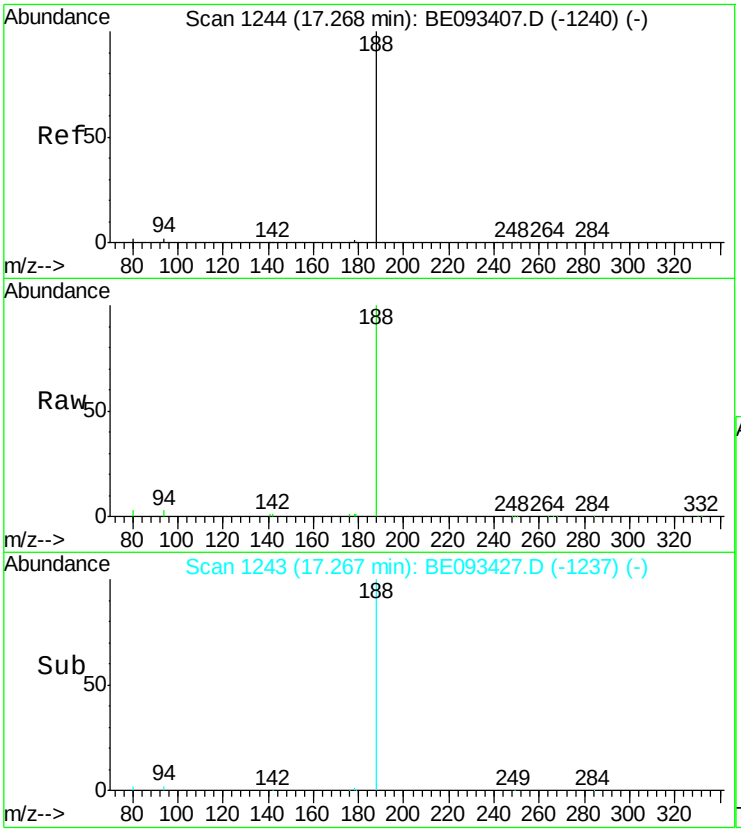


#18
Fluorene
Concen: 0.372 ng
RT: 15.59 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:166 Resp: 17504

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	53.0	11.1	16.7#



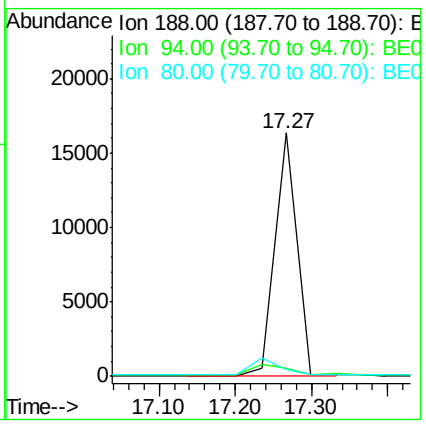


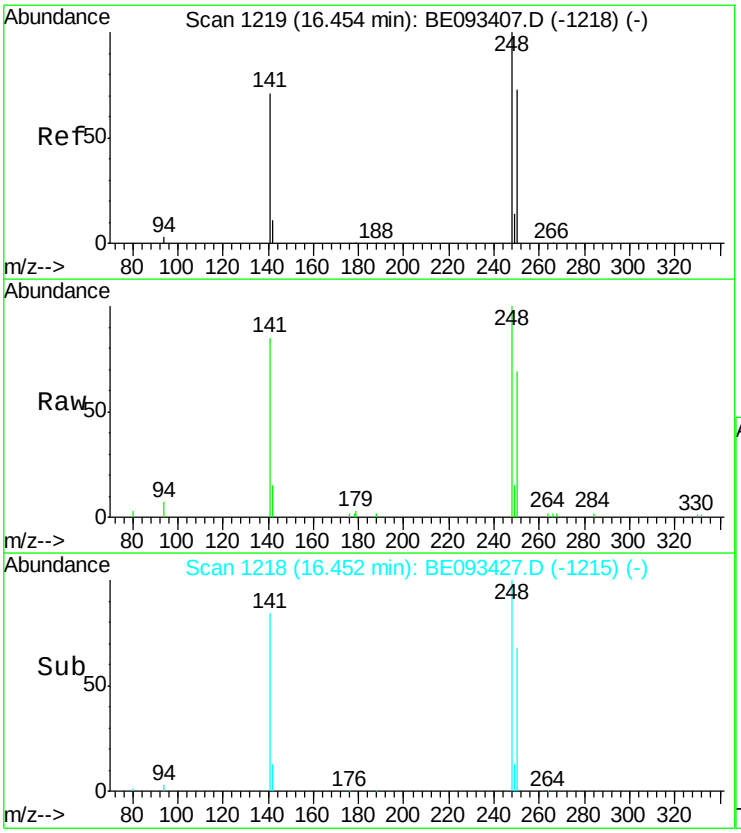
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 33051

Ion	Ratio	Lower	Upper
188	100		
94	3.3	11.3	16.9#
80	2.6	11.7	17.5#

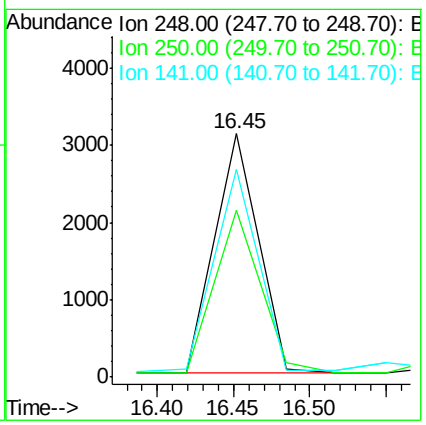


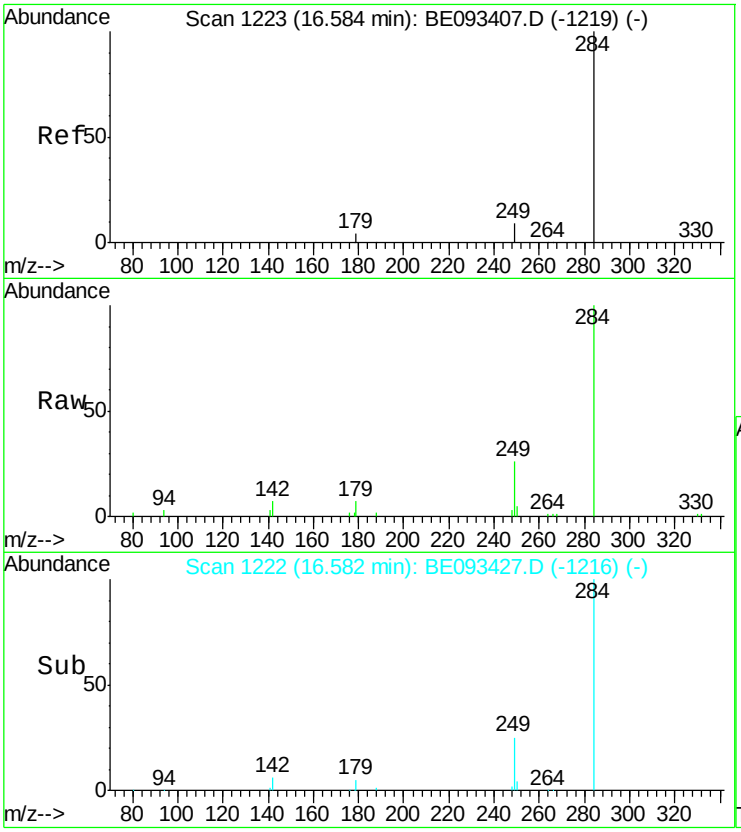


#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:248 Resp: 6179

Ion	Ratio	Lower	Upper
248	100		
250	68.6	40.8	61.2#
141	85.1	161.6	242.4#



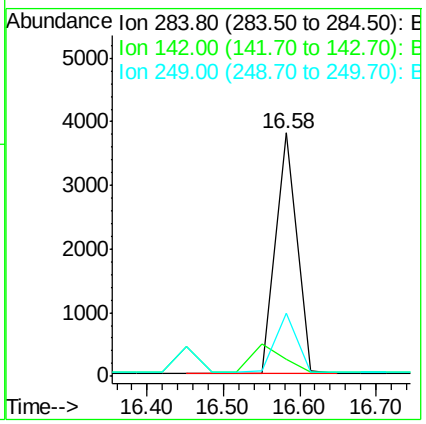


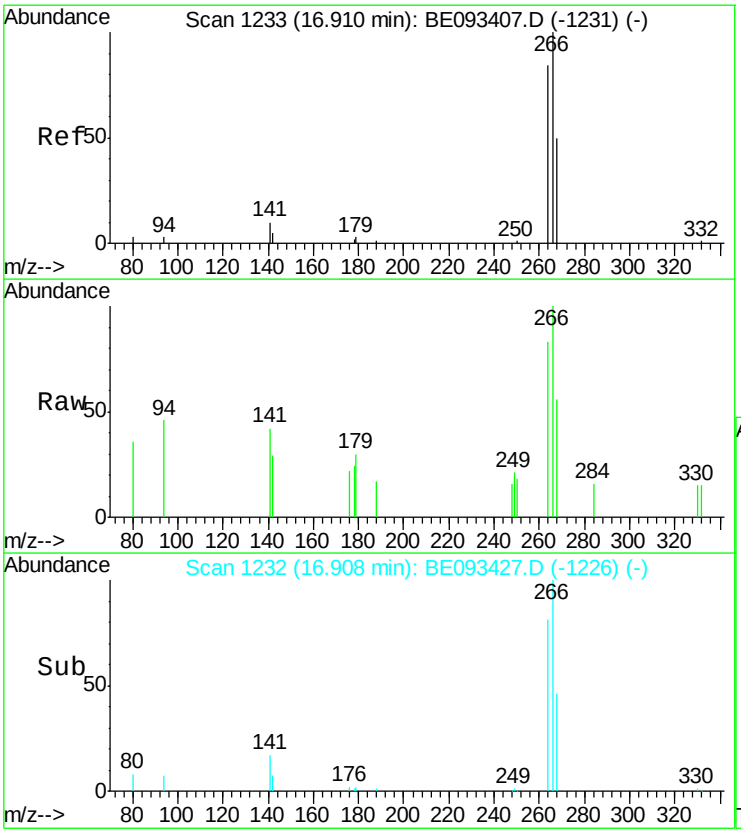
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7467

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	25.2	0.0	0.0#

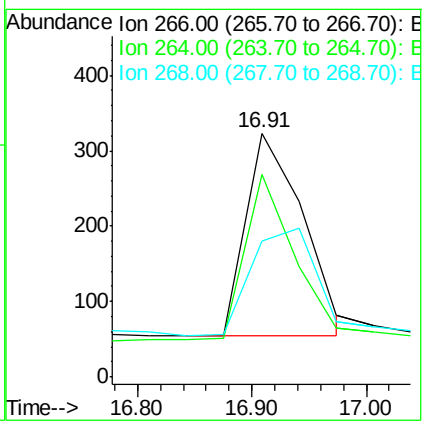


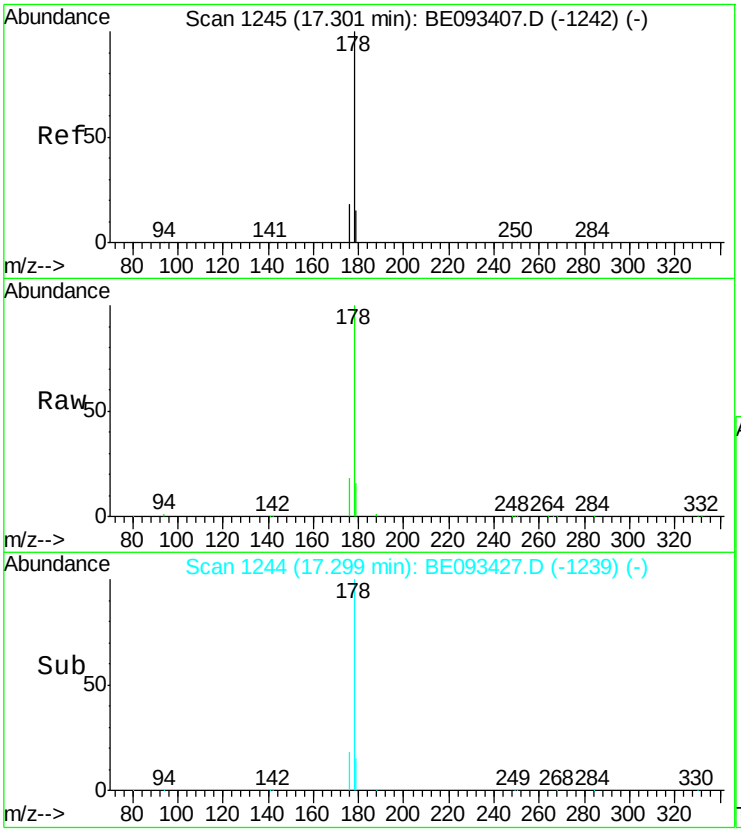


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:266 Resp: 931

Ion	Ratio	Lower	Upper
266	100		
264	83.0	58.2	87.2
268	55.7	71.9	107.9#



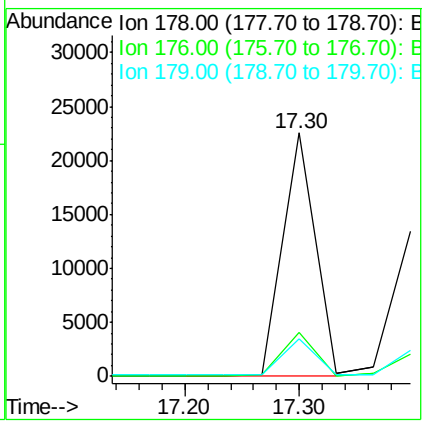


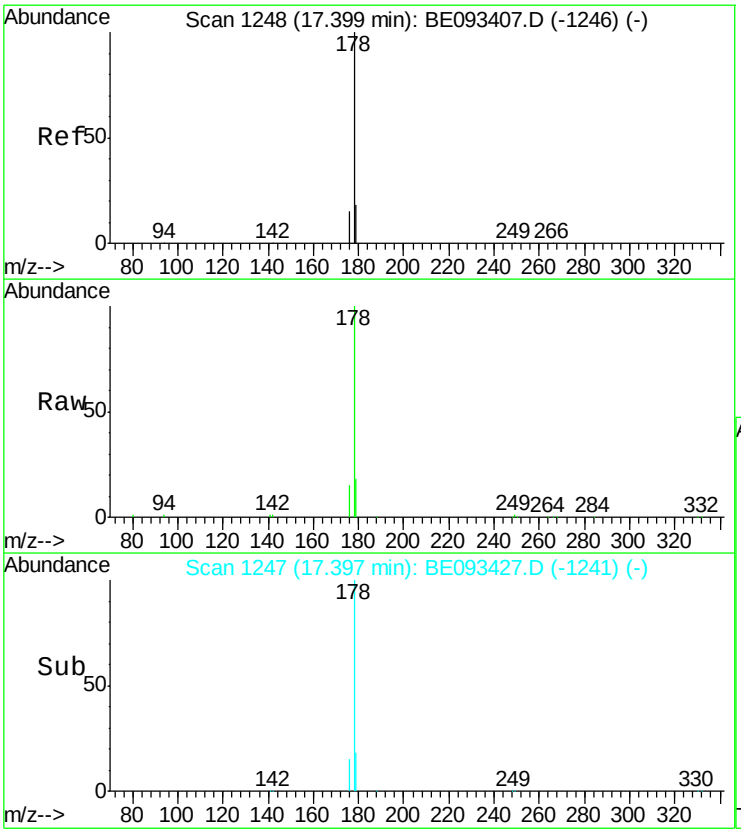
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 44439

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.3	12.7	19.1

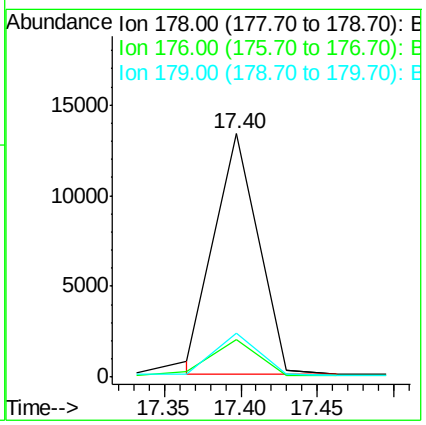


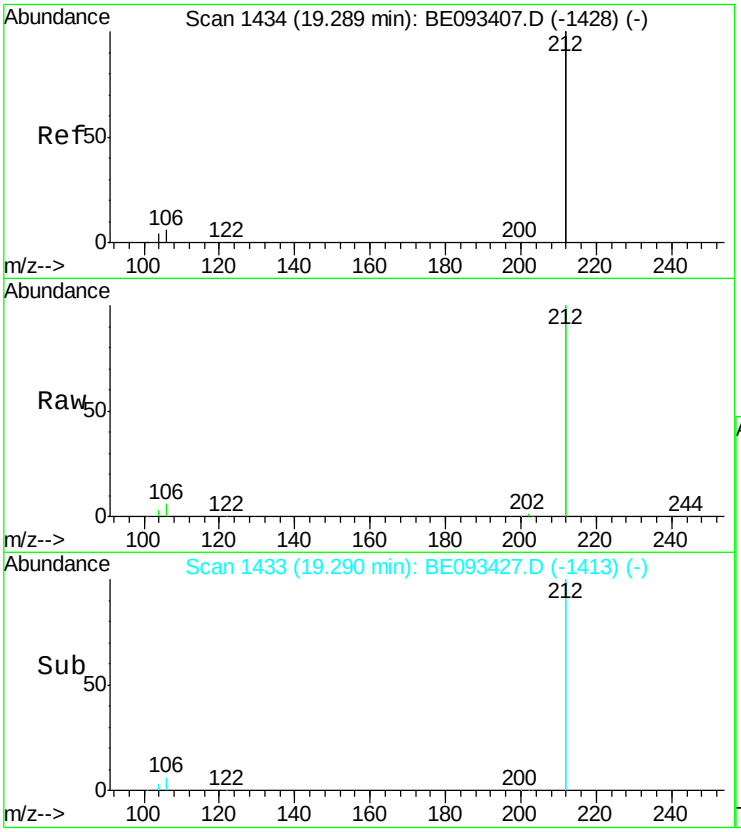


#24
Anthracene
Concen: 0.356 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:178 Resp: 26243

Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.6	22.0
179	17.5	12.0	18.0



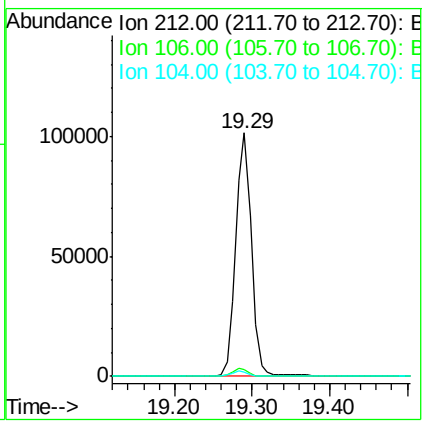


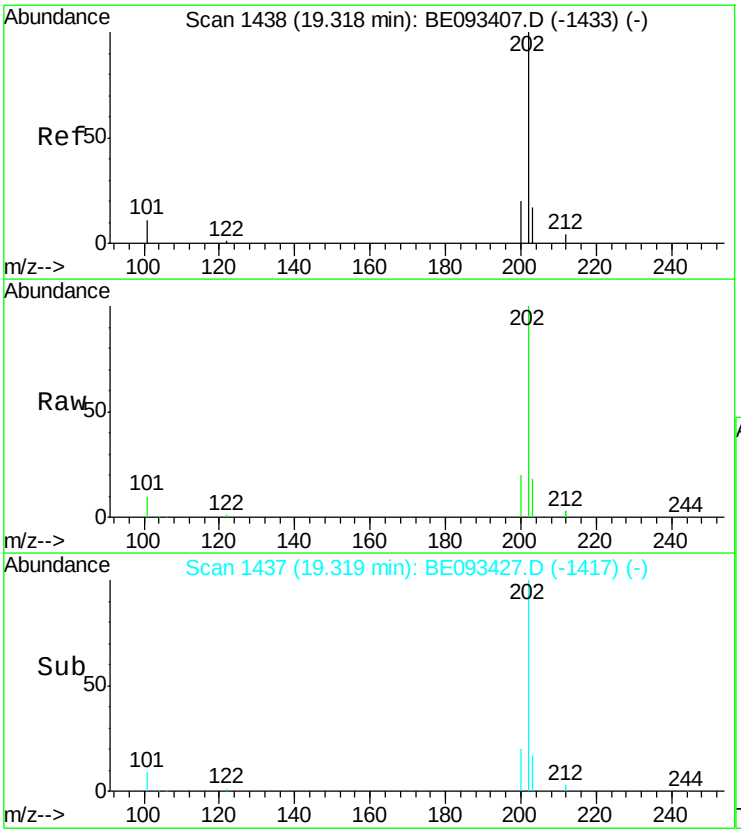
#25
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.29 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 140685

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

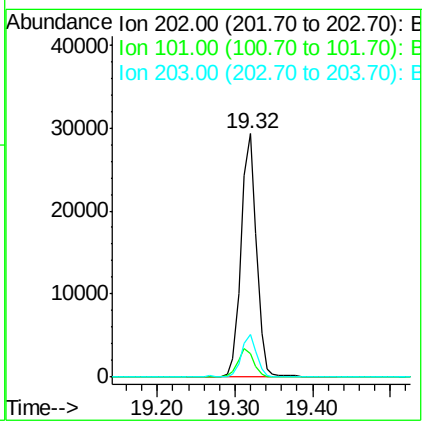


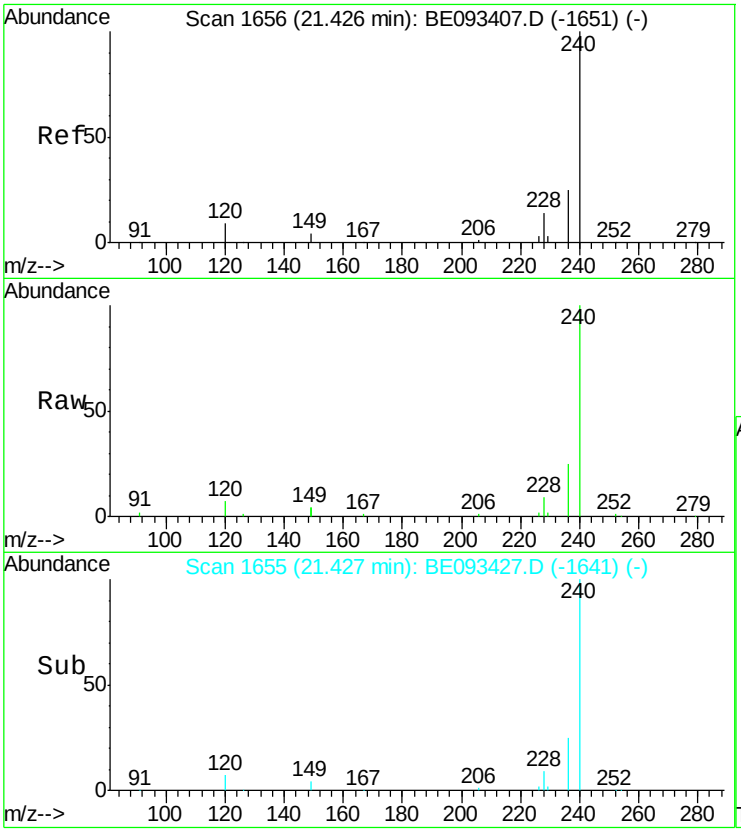


#26
Fluoranthene
Concen: 0.355 ng
RT: 19.32 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:202 Resp: 40052

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



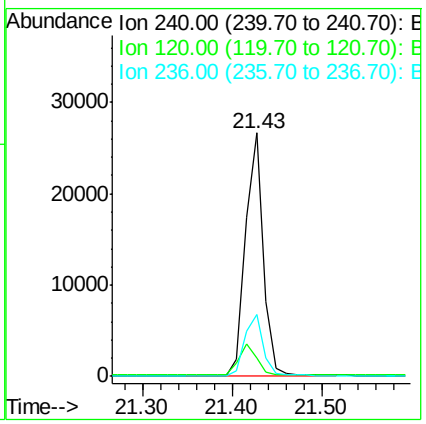


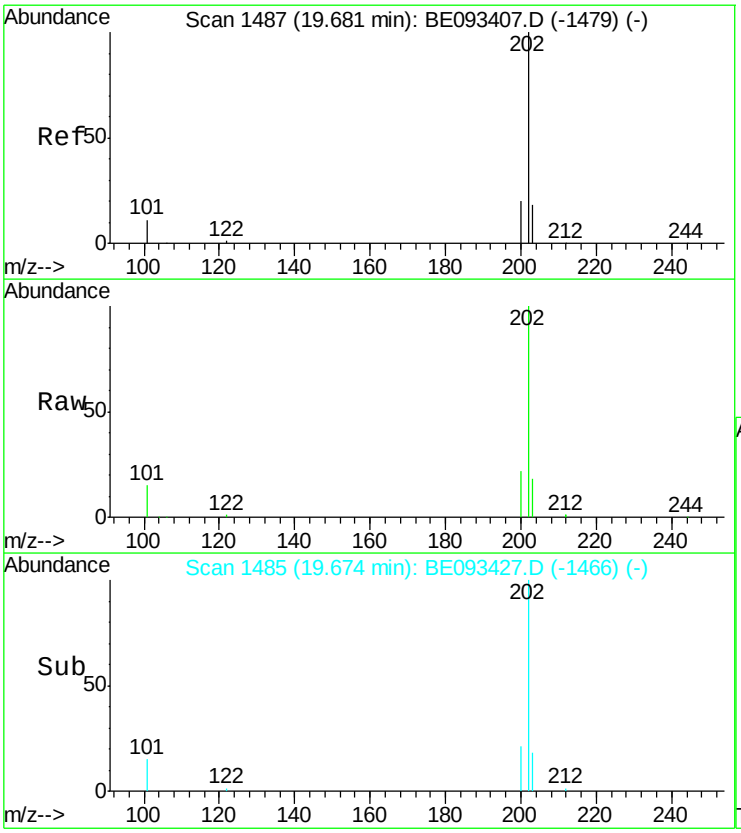
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 36968

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.6	7.0#
236	25.5	20.8	31.2

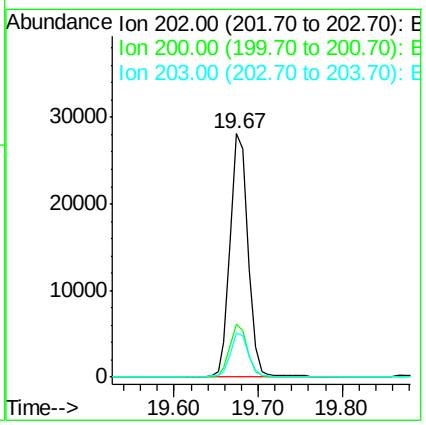


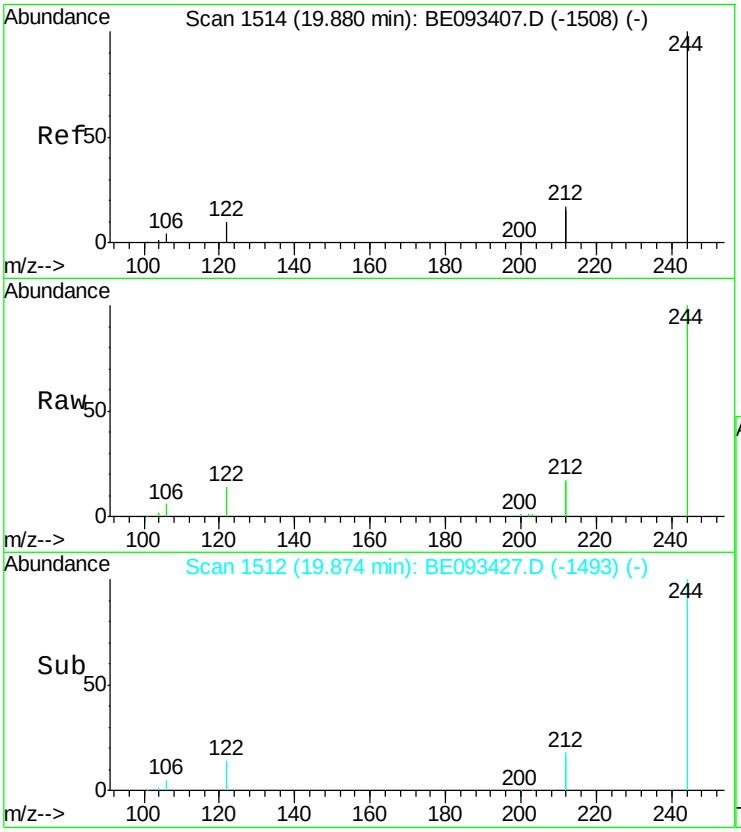


#28
Pyrene
Concen: 0.392 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:202 Resp: 40694

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	17.8	13.7	20.5



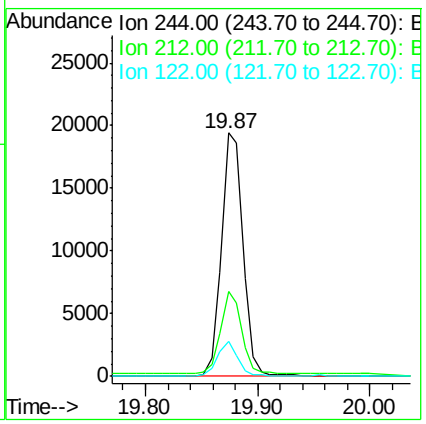


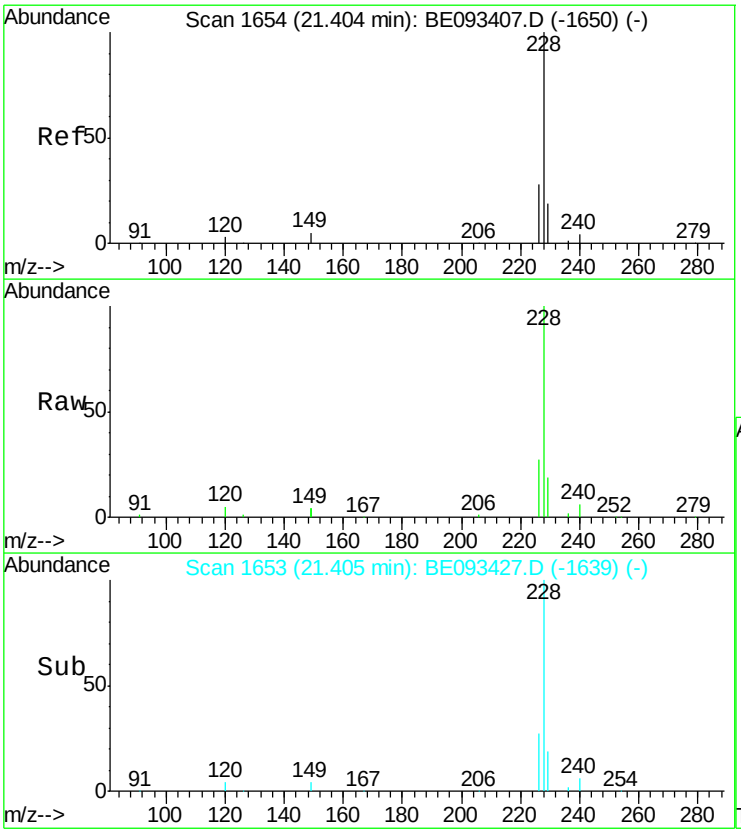
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 25634

Ion	Ratio	Lower	Upper
244	100		
212	34.9	10.6	16.0#
122	14.1	15.4	23.0#

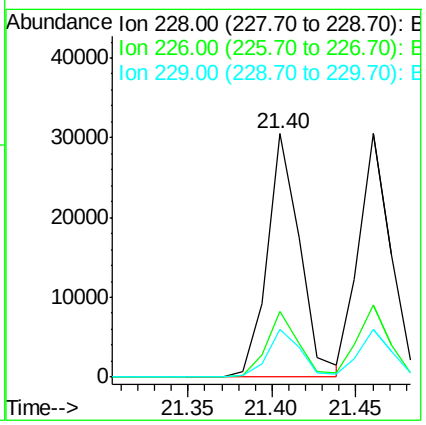


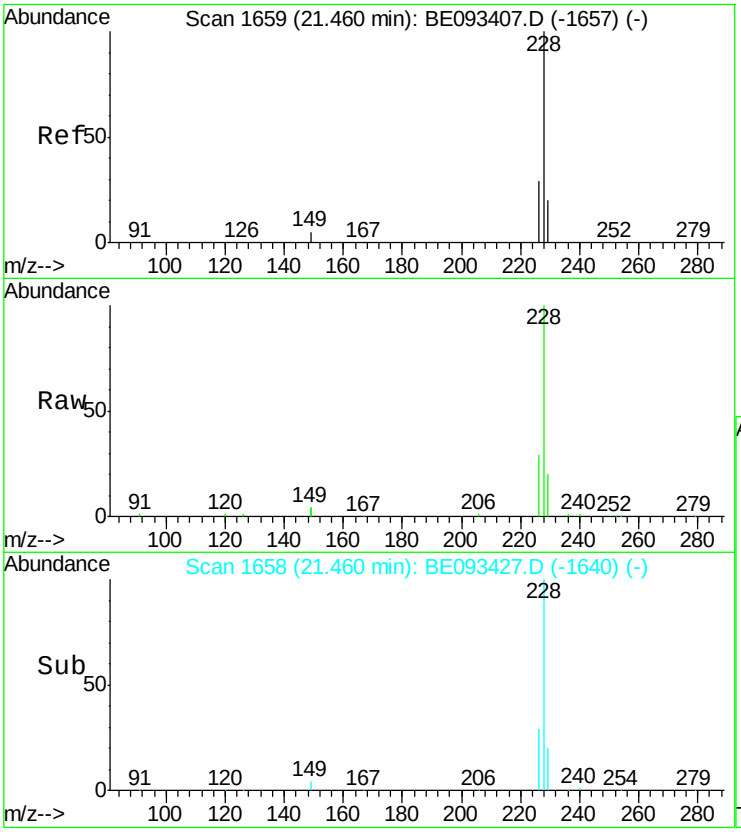


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:228 Resp: 40992

Ion	Ratio	Lower	Upper
228	100		
226	27.1	19.7	29.5
229	19.4	19.2	28.8



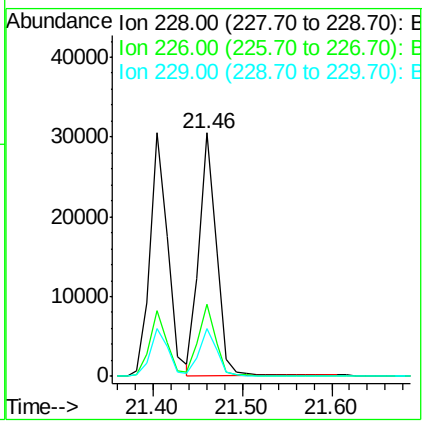


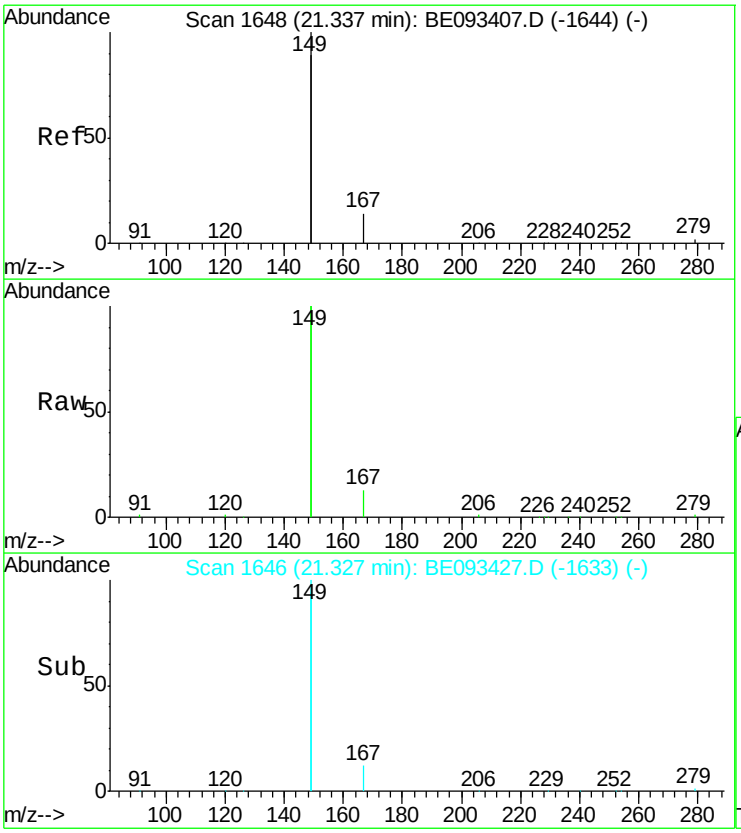
#31
Chrysene
Concen: 0.389 ng
RT: 21.46 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 40618

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.5	32.3
229	19.9	18.6	28.0

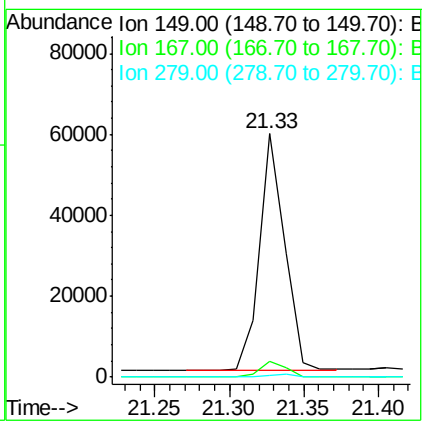


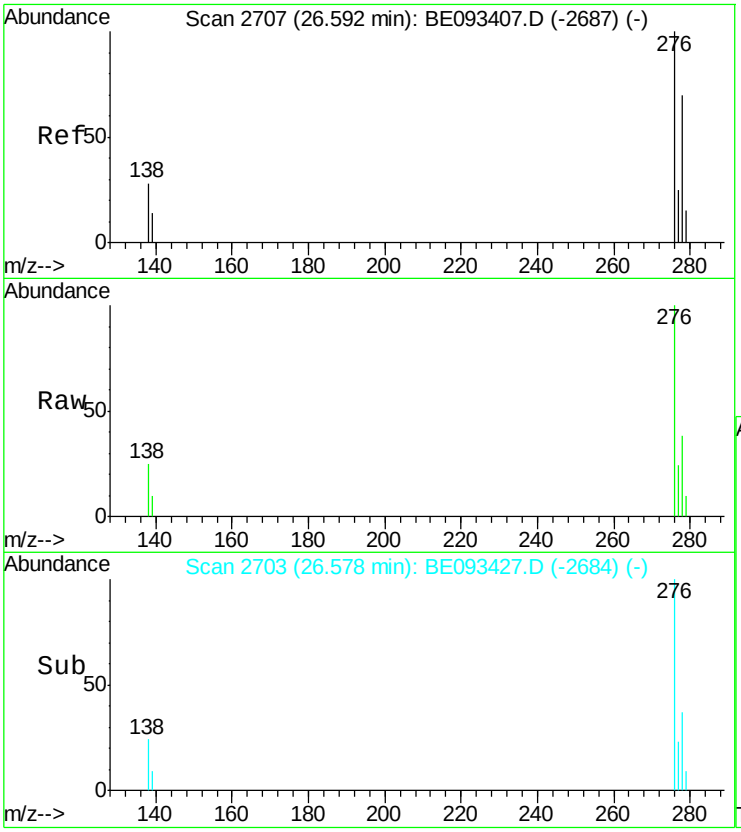


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.474 ng
RT: 21.33 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:149 Resp: 68069

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



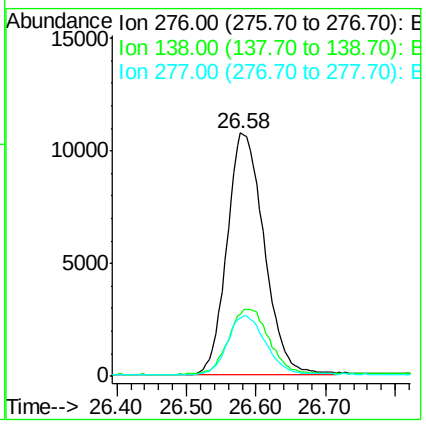


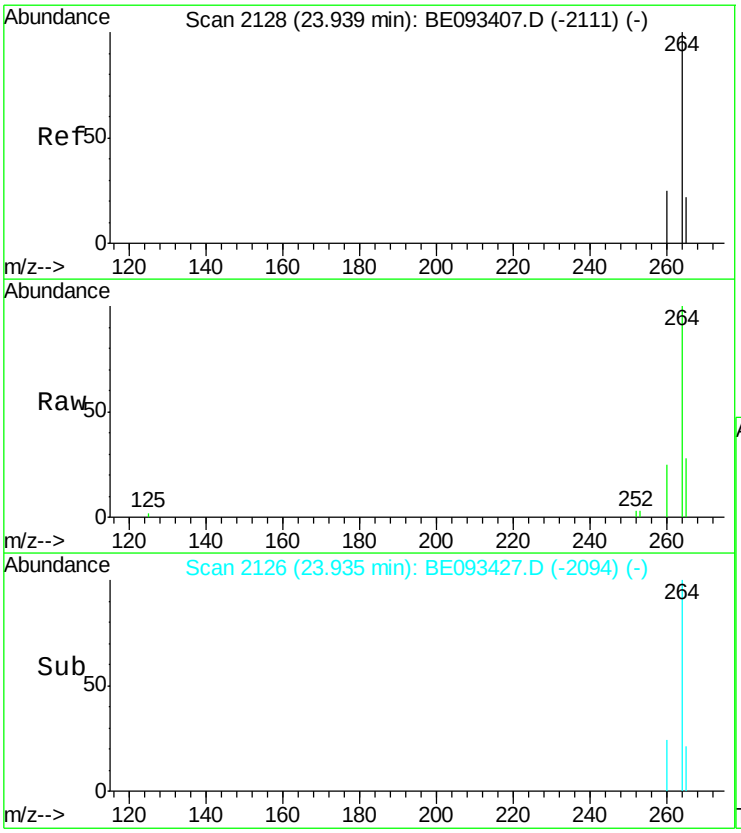
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng
RT: 26.58 min Scan# 2703
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 39772

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.4	41.2
277	24.8	20.1	30.1

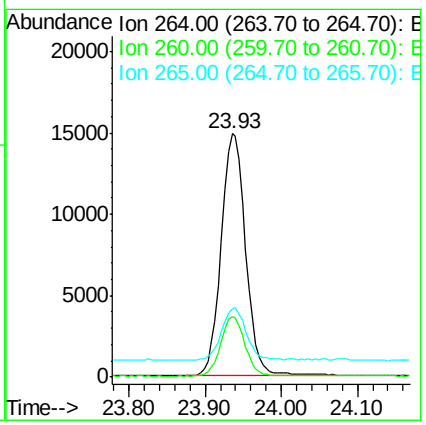


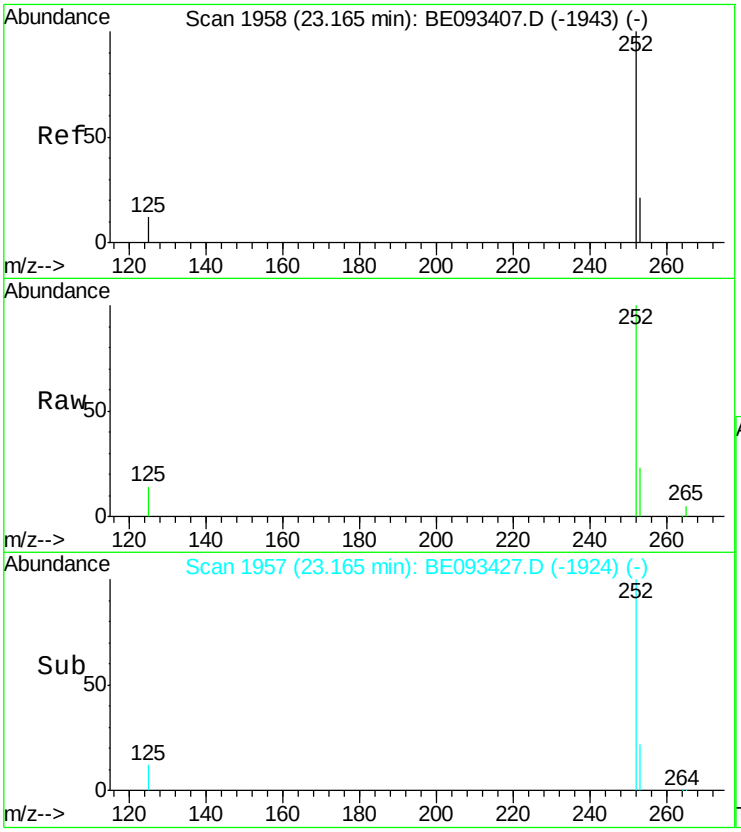


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:264 Resp: 33377

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	27.8	24.6	36.8



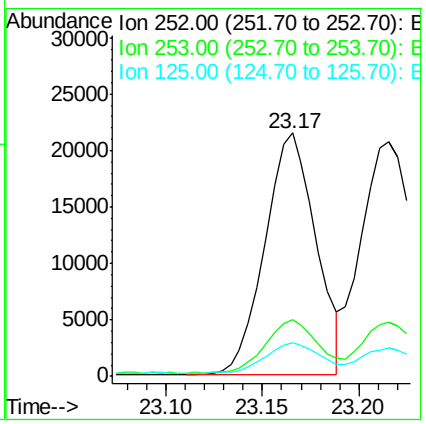


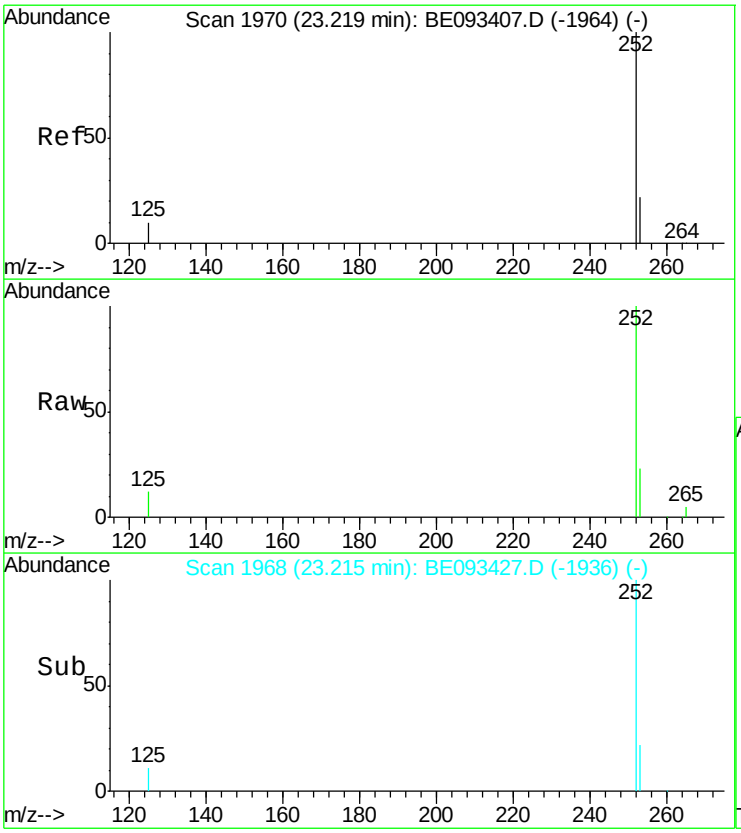
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.17 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 39401

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	13.7	13.4	20.0

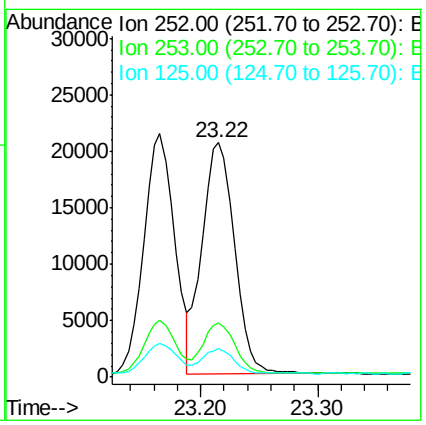


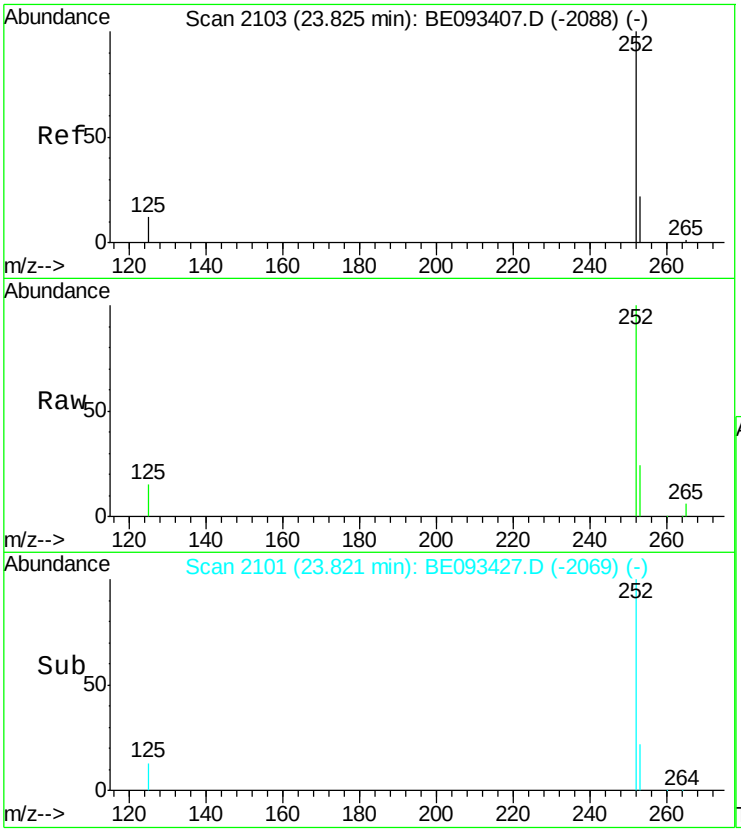


#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.22 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:252 Resp: 39878

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	12.4	12.2	18.4



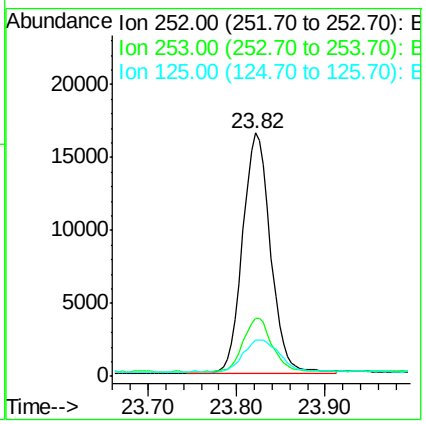


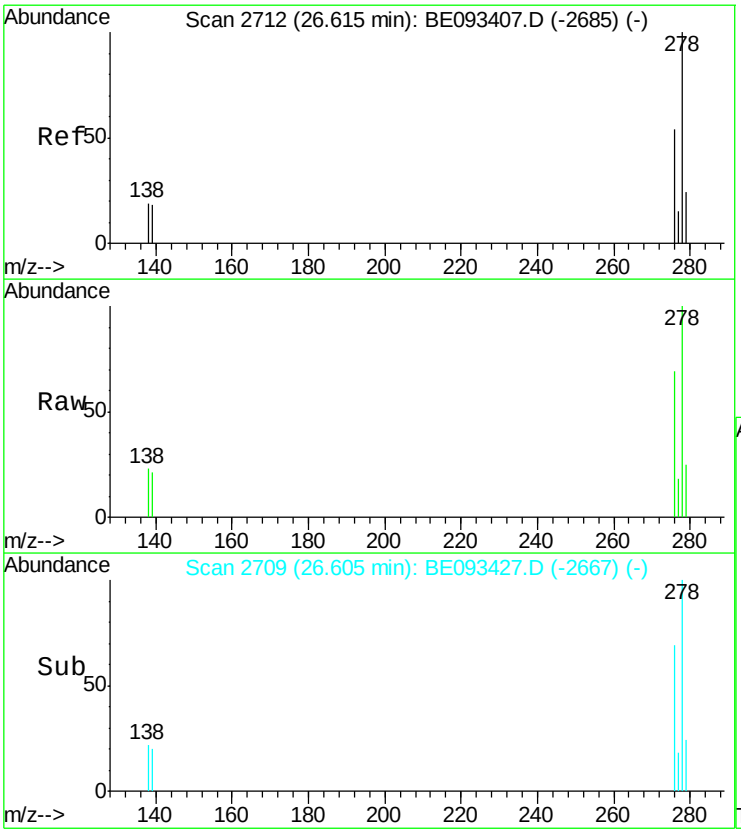
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 36257

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.9	29.9
125	15.1	14.6	21.8

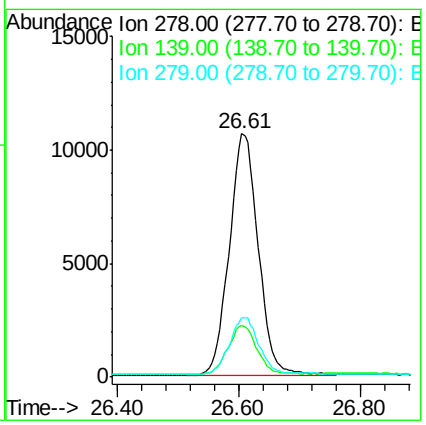


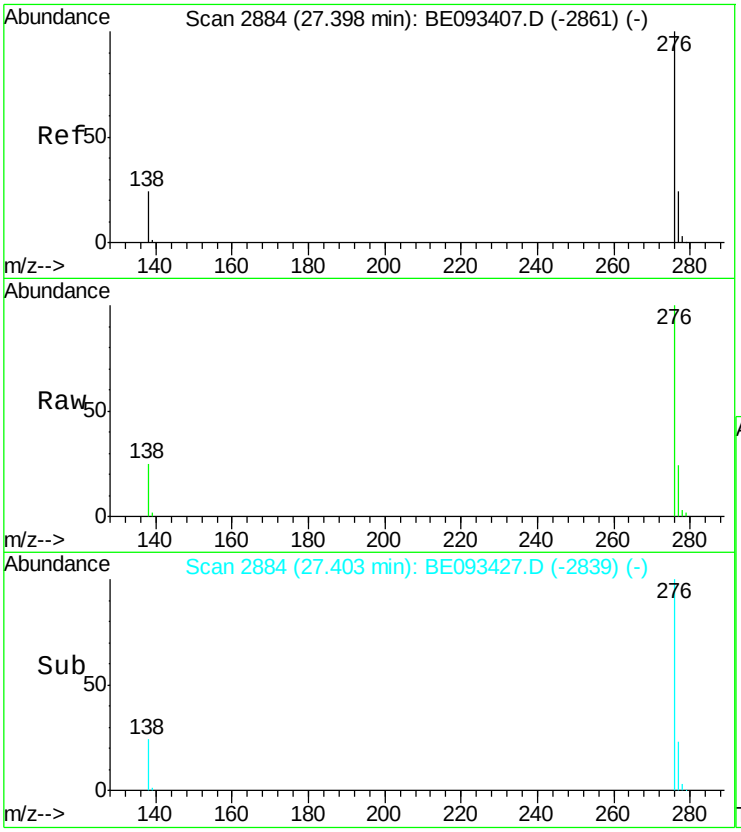


#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.61 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Tgt Ion:278 Resp: 35486

Ion	Ratio	Lower	Upper
278	100		
139	21.0	21.4	32.0#
279	24.5	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.40 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BE093427.D
Acq: 6 Jul 2017 10:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 35515

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.2	31.8
138	24.6	24.5	36.7