Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080717\
Data File : BE093707.D
Acq On : 7 Aug 2017 18:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 08 00:47:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3068	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	15442	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	8817	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	20288	0.40	ng		0.00
27) Chrysene-d12	21.40	240	20729	0.40	ng		0.00
34) Perylene-d12	23.91	264	18276	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	3782	0.38	ng		0.00
5) Phenol-d6	7.09	99	5675	0.37	ng		0.00
8) Nitrobenzene-d5	9.06	82	4671	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	9887	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	761	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	14208	0.41	ng		0.00
25) Fluoranthene-d10	19.27	212	87916	0.38	ng		0.00
29) Terphenyl-d14	19.86	244	14980	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1819	0.394	ng		93
3) n-Nitrosodimethylamine	3.75	42	1941	0.405	ng		95
6) bis(2-Chloroethyl)ether	7.34	93	4564	0.389	ng	#	98
9) Naphthalene	10.76	128	69716	0.394	ng		100
10) Hexachlorobutadiene	11.04	225	2605	0.396	ng		98
12) 2-Methylnaphthalene	12.36	142	11724	0.393	ng		96
16) Acenaphthylene	14.24	152	17160	0.387	ng	#	87
17) Acenaphthene	14.58	154	11951	0.400	ng		99
18) Fluorene	15.56	166	15262	0.395	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	2484	0.433	ng		92
21) Hexachlorobenzene	16.58	284	2568	0.419	ng	#	100
22) Pentachlorophenol	16.91	266	1291	0.301	ng		98
24) Anthracene	17.36	178	41937	0.639	ng	#	91
26) Fluoranthene	19.30	202	26745	0.377	ng		99
28) Pyrene	19.66	202	27232	0.401	ng	#	99
30) Benzo(a)anthracene	21.39	228	25042	0.381	ng		95
31) Chrysene	21.45	228	27285	0.406	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	41369	0.293	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	26402	0.408	ng		94
35) Benzo(b)fluoranthene	23.14	252	26018	0.410	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	26018	0.411	ng		95
37) Benzo(a)pyrene	23.80	252	24014	0.402	ng		96
38) Dibenzo(a,h)anthracene	26.57	278	22660	0.405	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	22342	0.398	ng		93

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

Quantitation Report (Not Reviewed)

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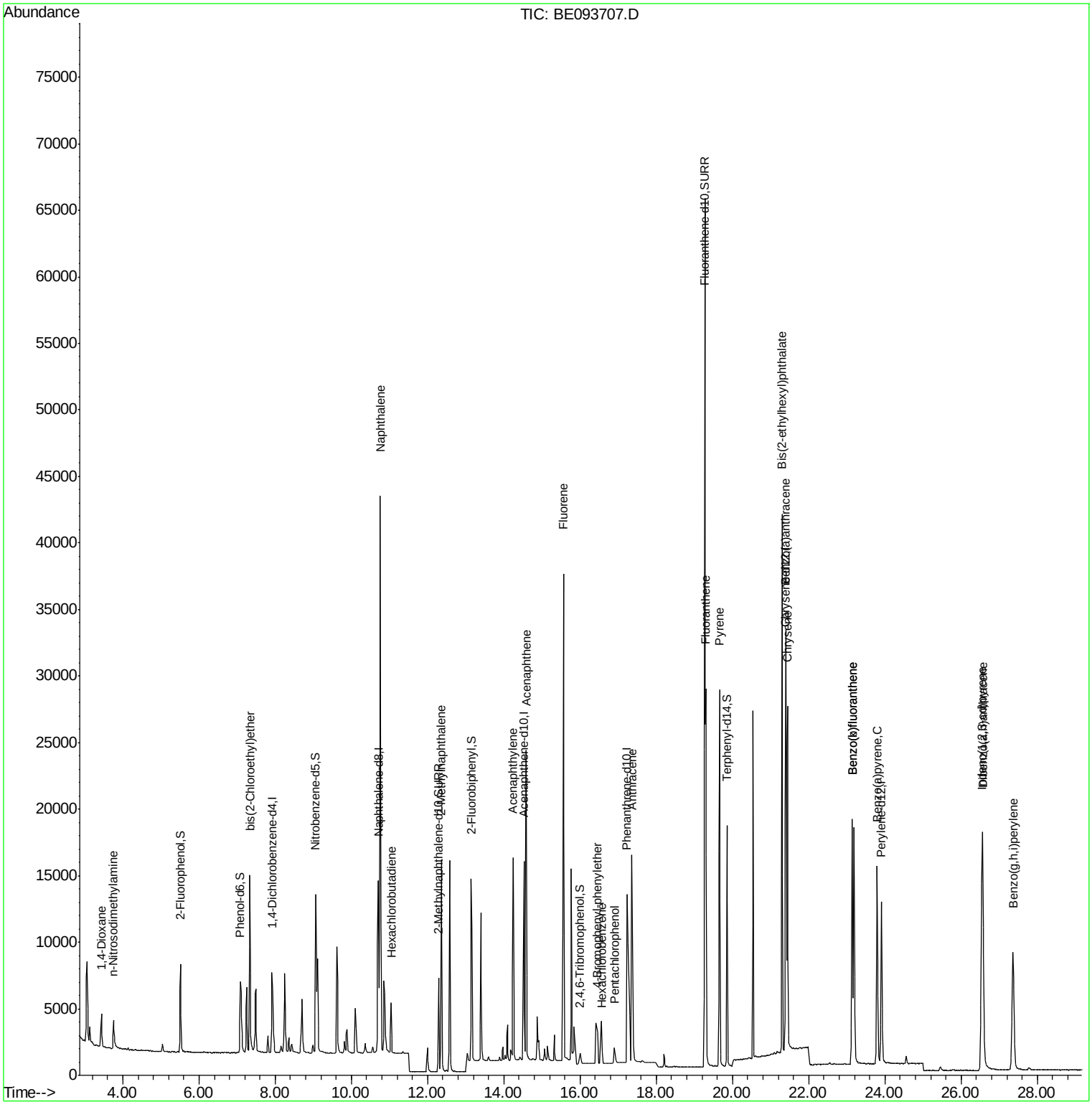
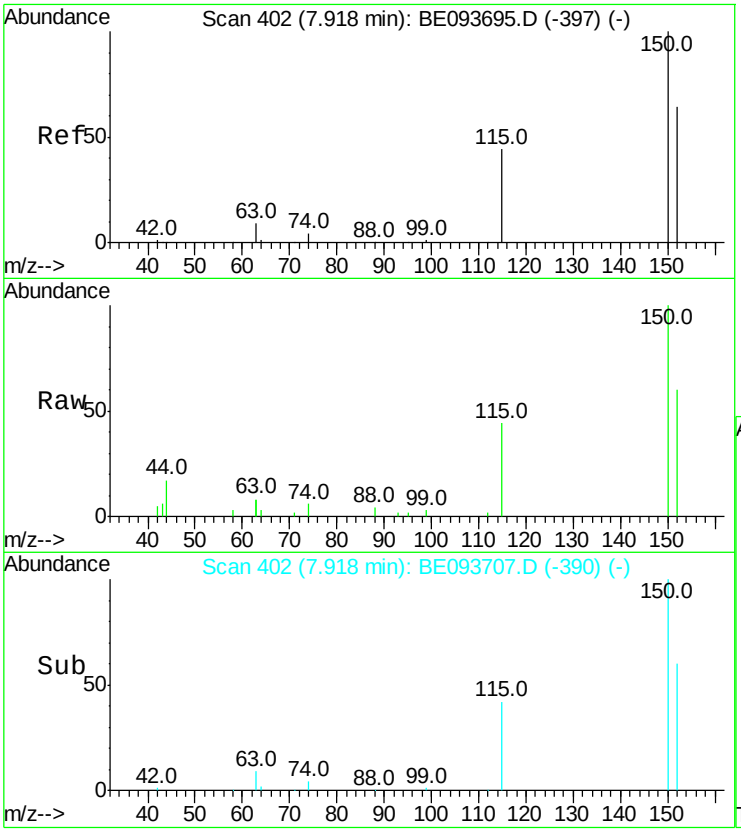
Data File : BE093707.D
Acq On : 7 Aug 2017 18:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 08 00:47:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration



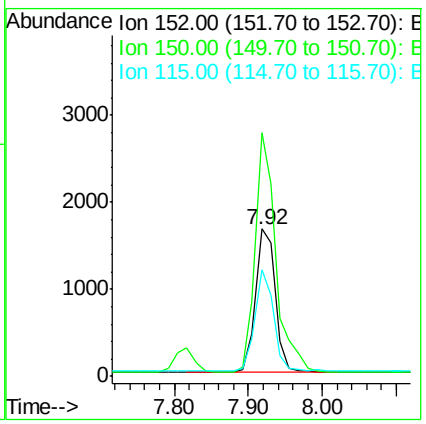


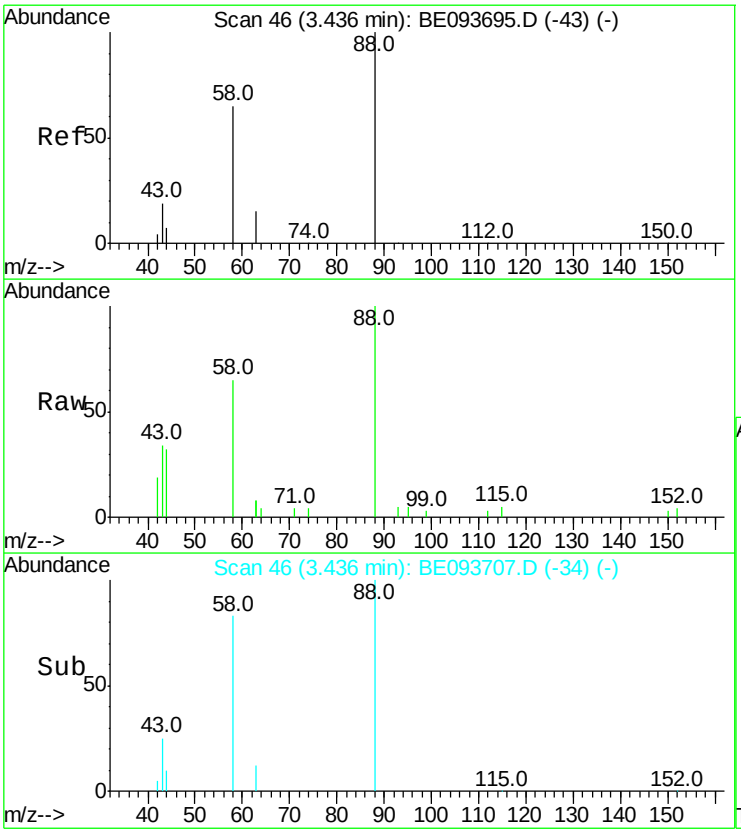
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3068

Ion	Ratio	Lower	Upper
152	100		
150	165.4	125.1	187.7
115	72.0	55.7	83.5

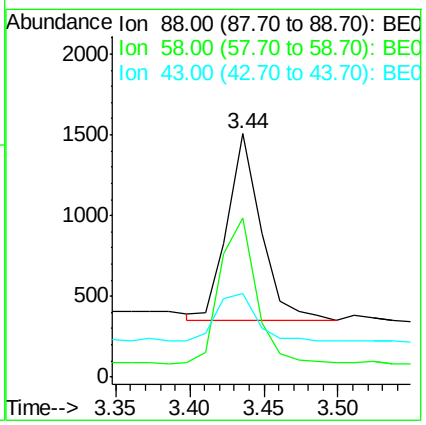


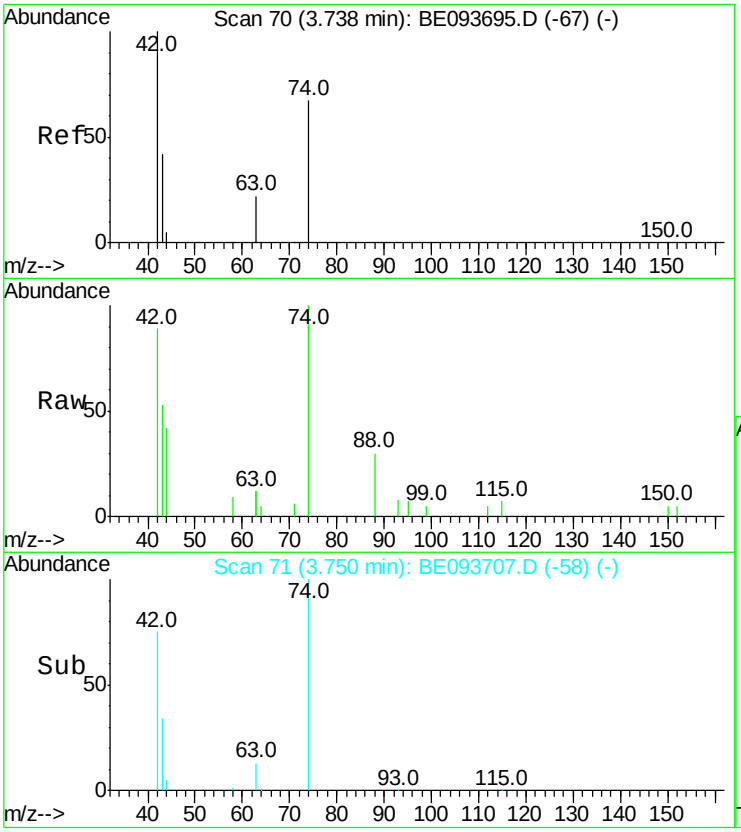


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion: 88 Resp: 1819

Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.2	93.4
43	31.9	23.2	34.8



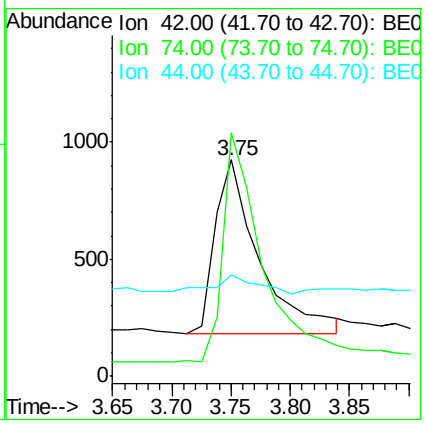


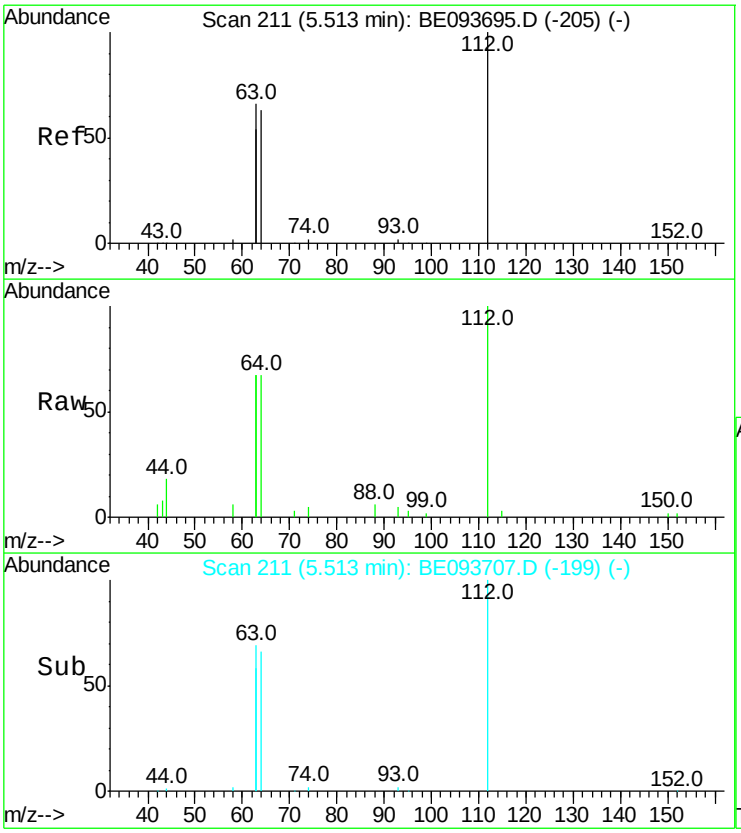
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1941

Ion	Ratio	Lower	Upper
42	100		
74	117.8	99.1	148.7
44	10.4	7.4	11.2

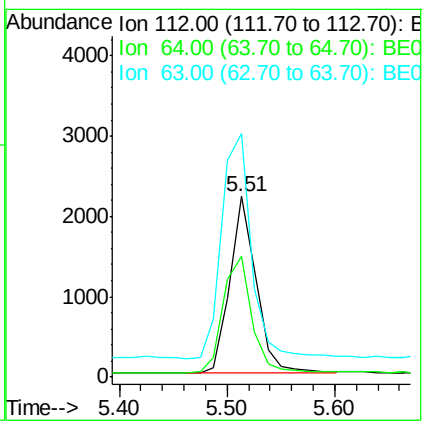


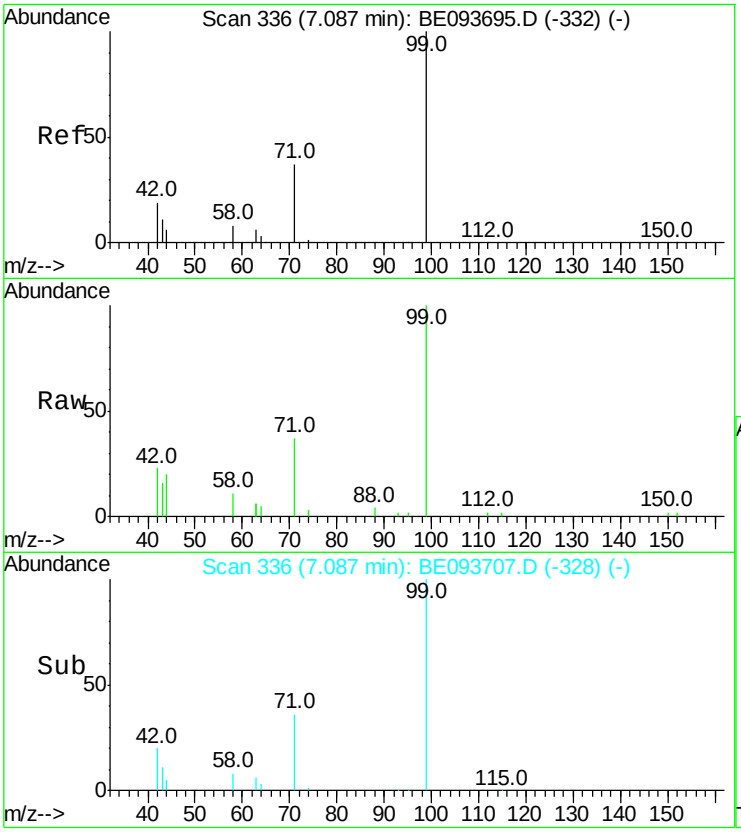


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:112 Resp: 3782

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.4	84.6
63	141.7	29.3	43.9#



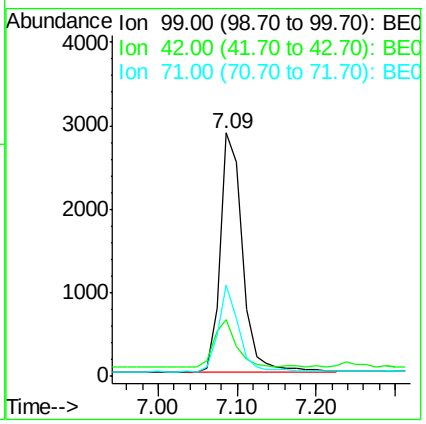


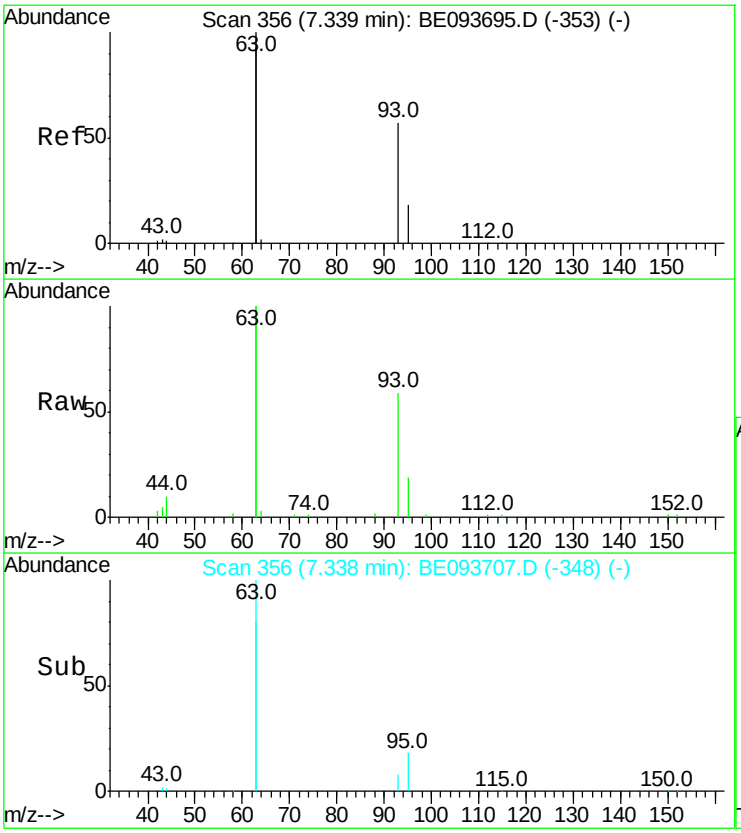
#5
Phenol-d6
Concen: 0.374 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5675

Ion	Ratio	Lower	Upper
99	100		
42	19.5	0.0	0.0#
71	32.8	0.0	0.0#

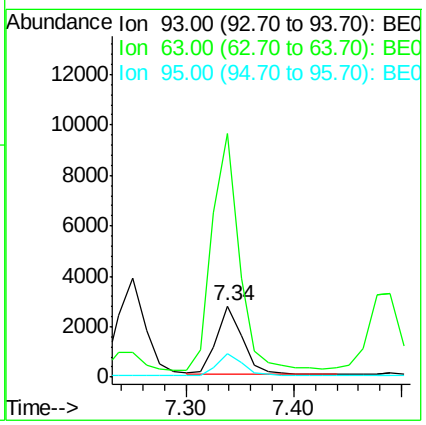


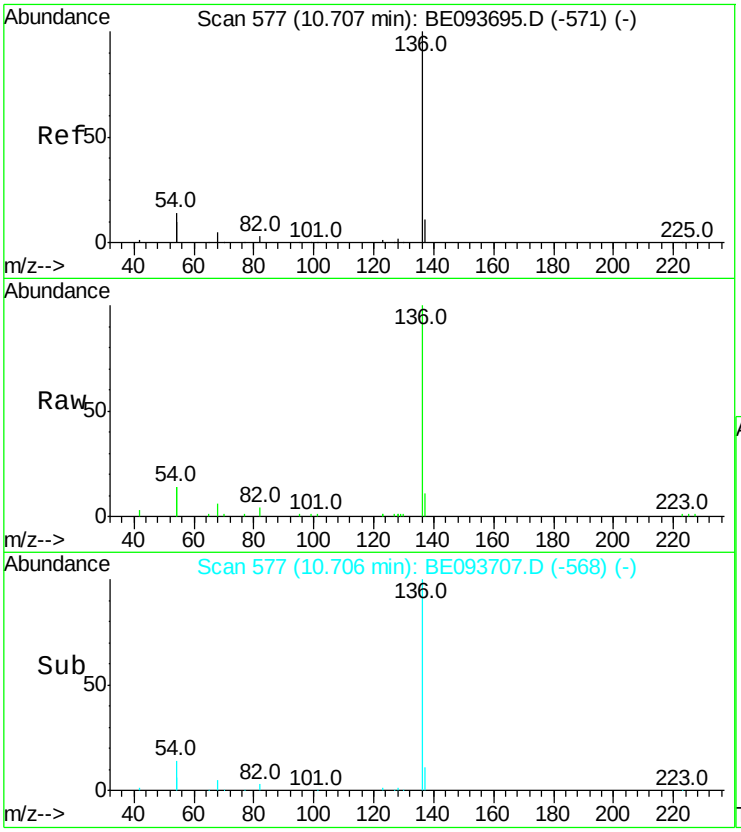


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion: 93 Resp: 4564

Ion	Ratio	Lower	Upper
93	100		
63	358.5	0.0	0.0#
95	32.7	25.4	38.0



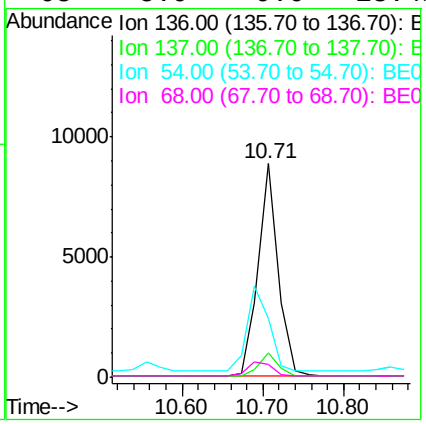


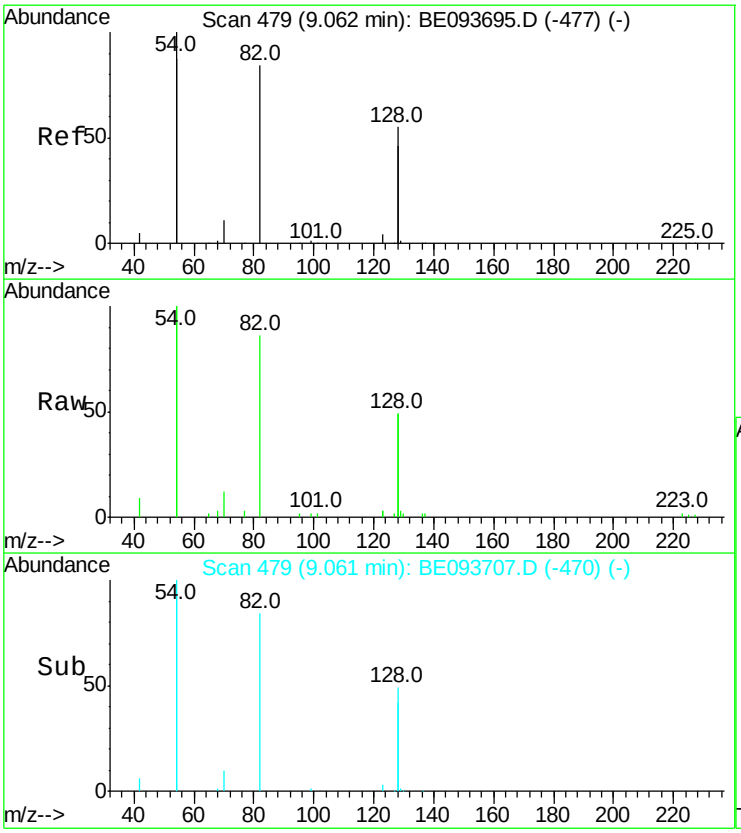
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15442

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	27.5	10.3	15.5#
68	5.9	9.0	13.4#

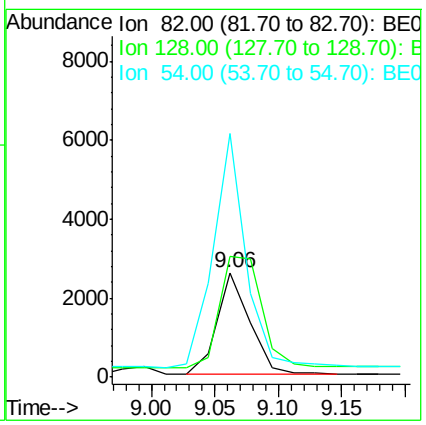


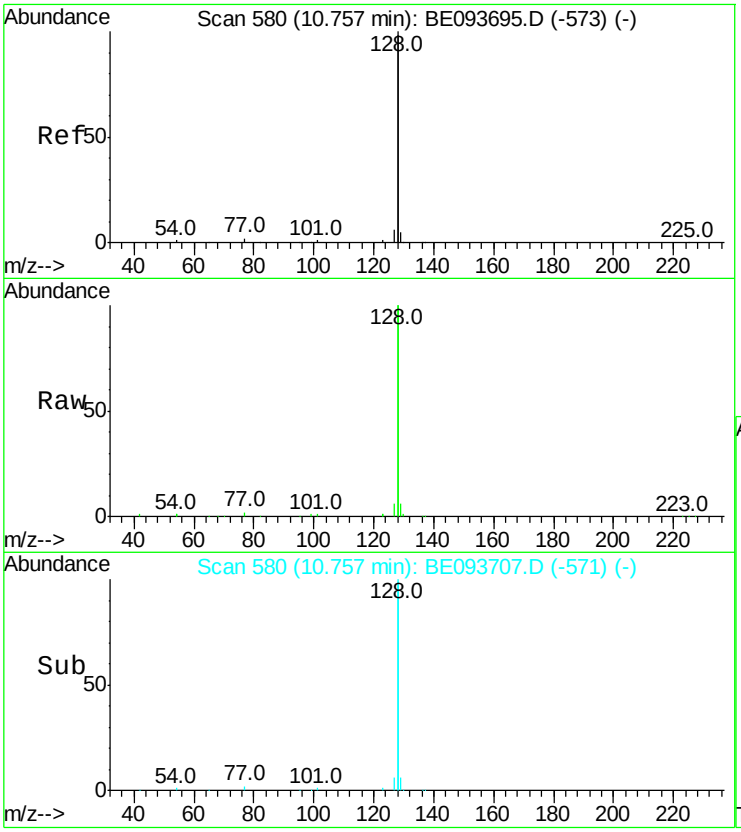


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion: 82 Resp: 4671

Ion	Ratio	Lower	Upper
82	100		
128	115.7	17.0	25.4#
54	233.8	53.8	80.6#



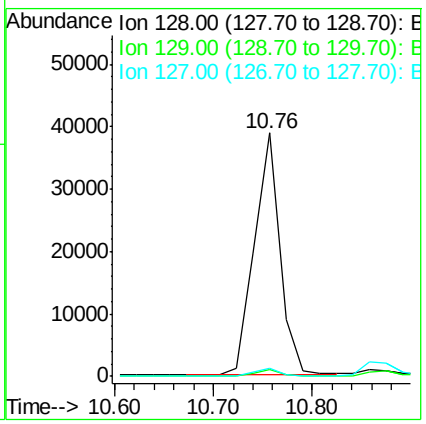


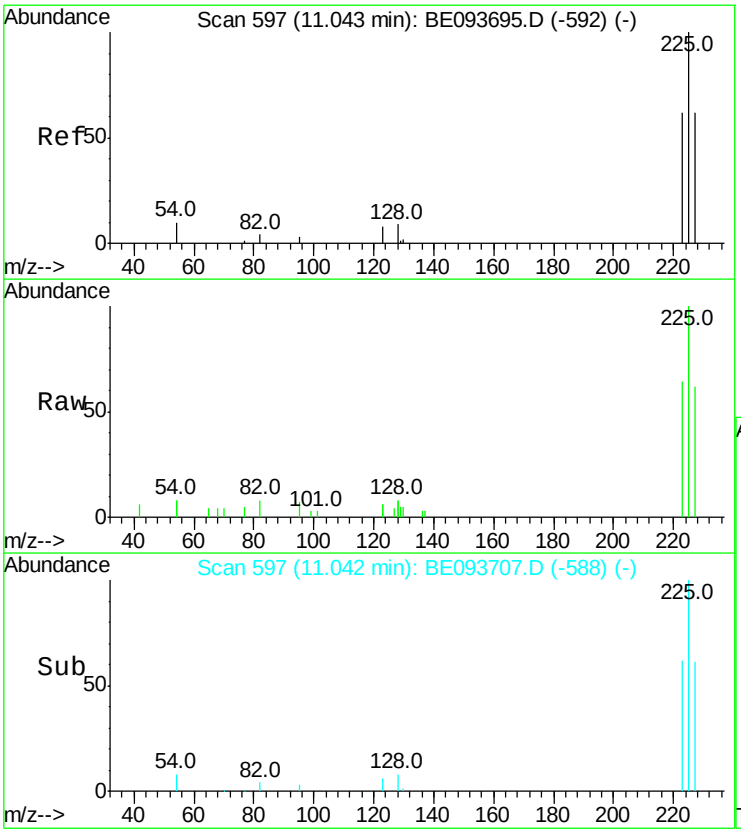
#9
Naphthalene
Concen: 0.394 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 69716

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.2	2.4	3.6

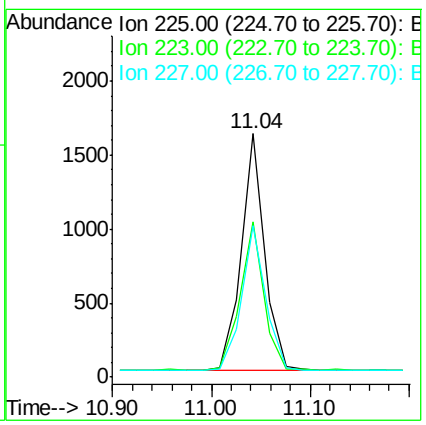


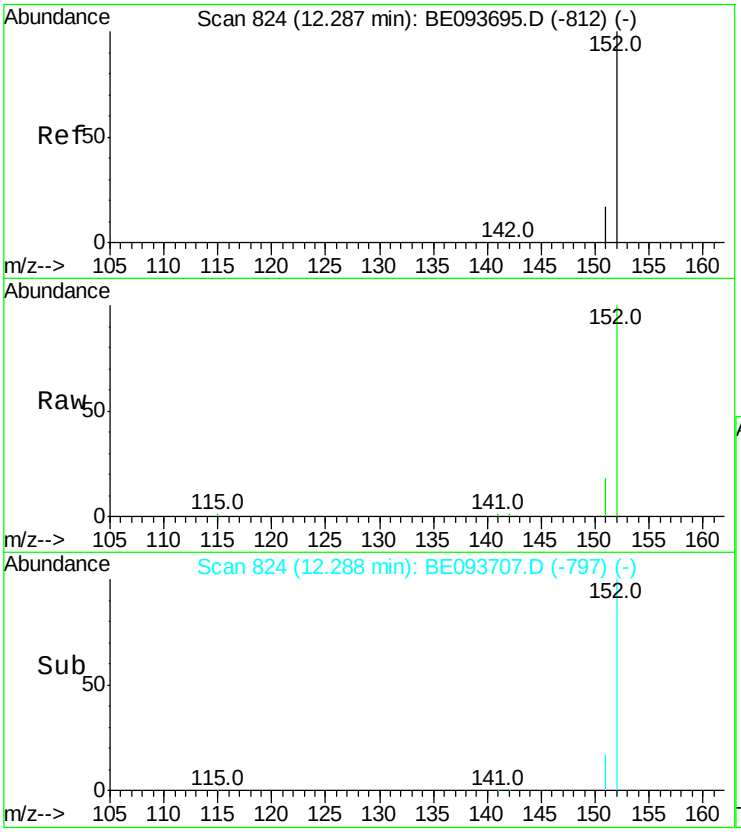


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:225 Resp: 2605

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	63.3	50.3	75.5



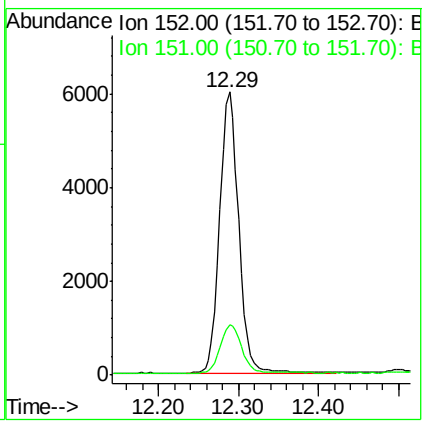


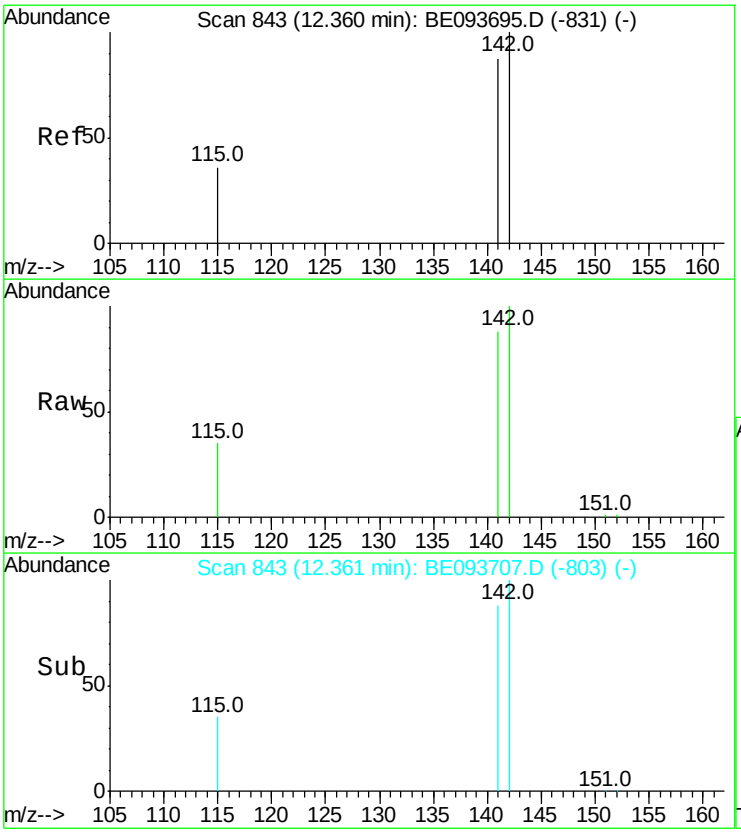
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9887

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

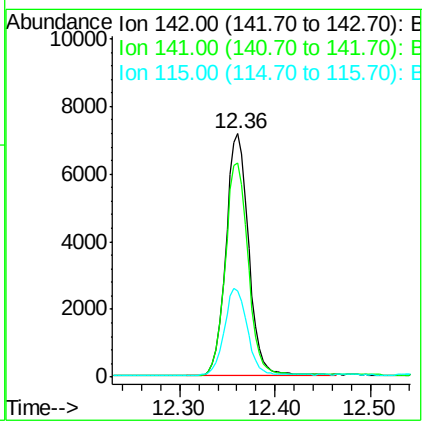


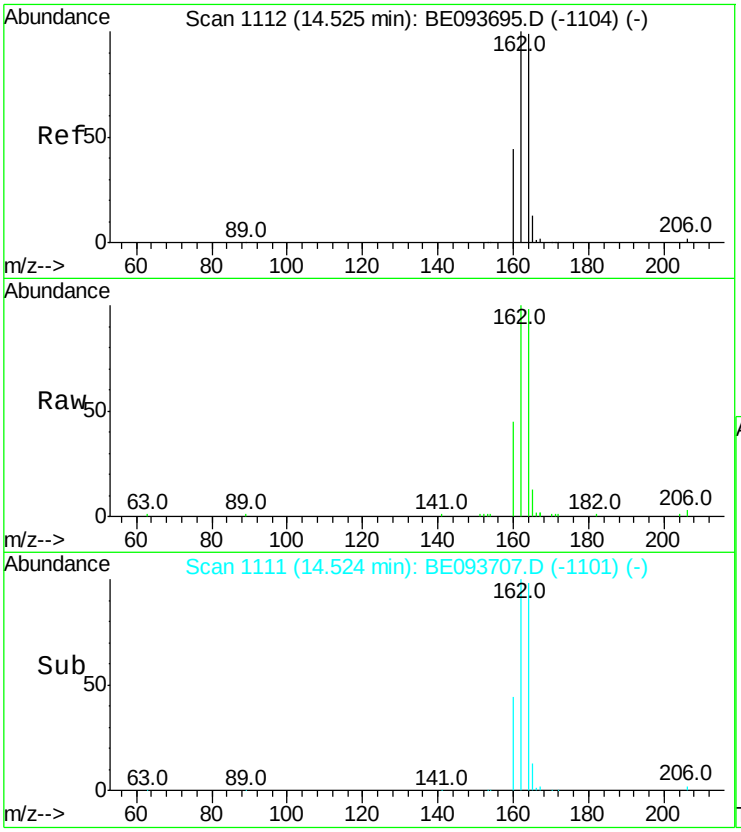


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:142 Resp: 11724

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8
115	35.5	32.2	48.2



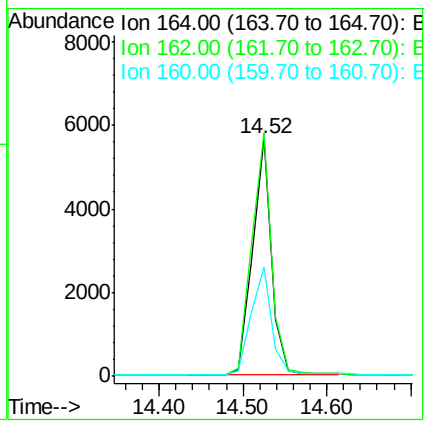


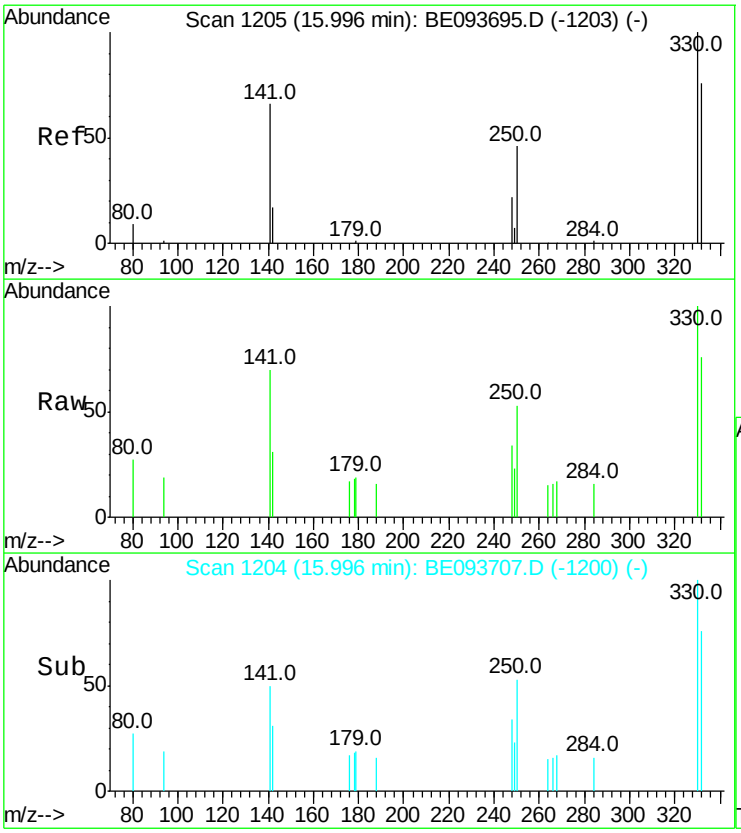
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8817

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.6	127.0
160	45.9	41.8	62.6

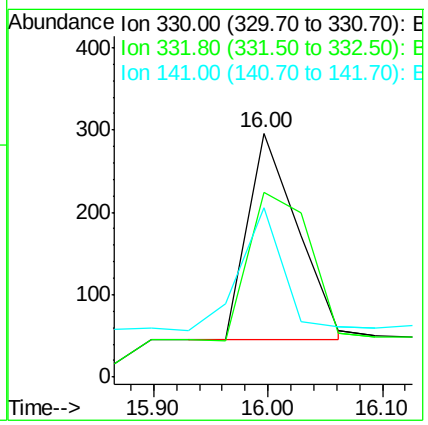


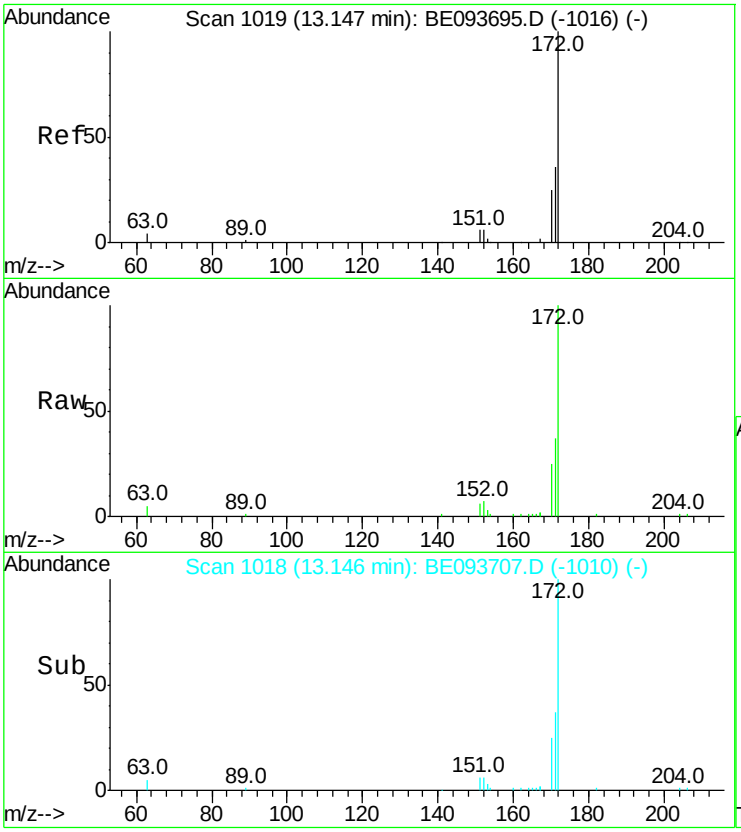


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.00 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:330 Resp: 761

Ion	Ratio	Lower	Upper
330	100		
332	88.7	77.7	116.5
141	51.1	56.2	84.4#



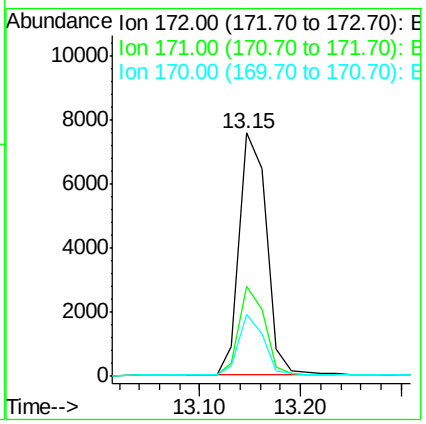


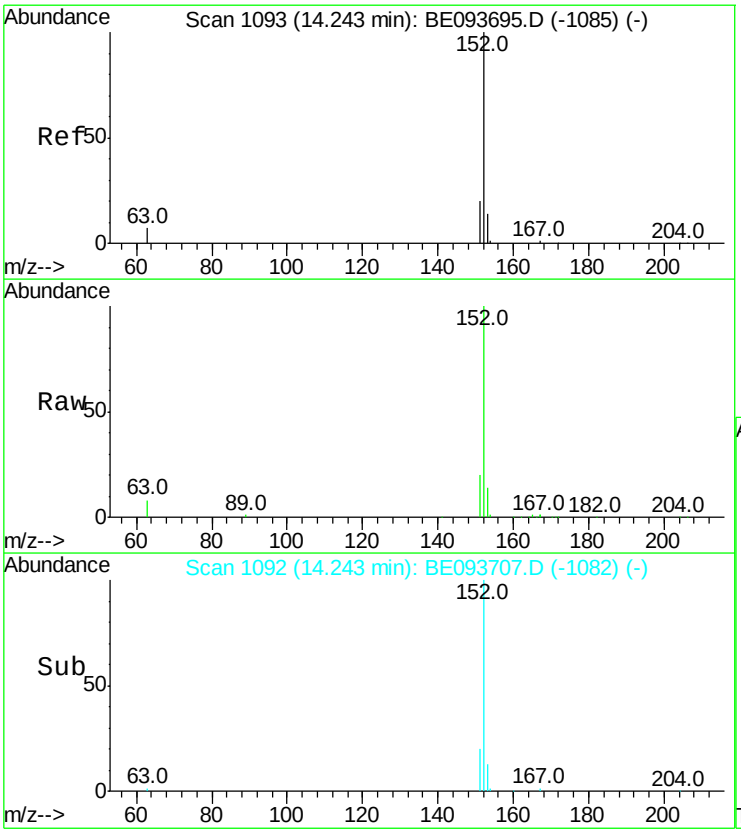
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14208

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.4	20.7	31.1

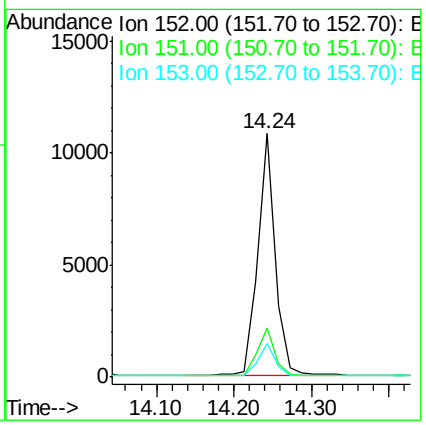


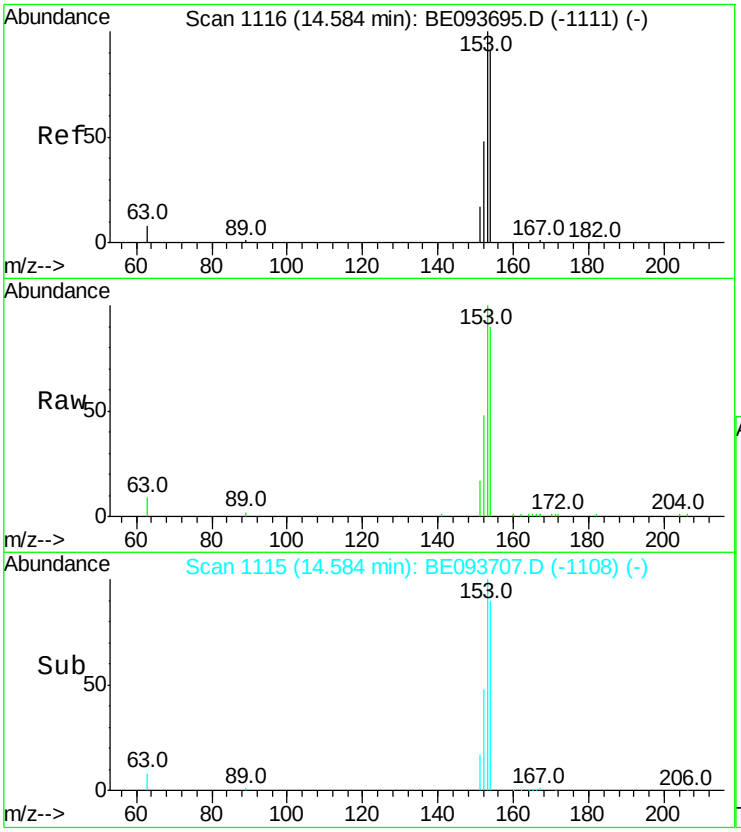


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:152 Resp: 17160

Ion	Ratio	Lower	Upper
152	100		
151	19.7	4.0	6.0#
153	13.1	10.3	15.5



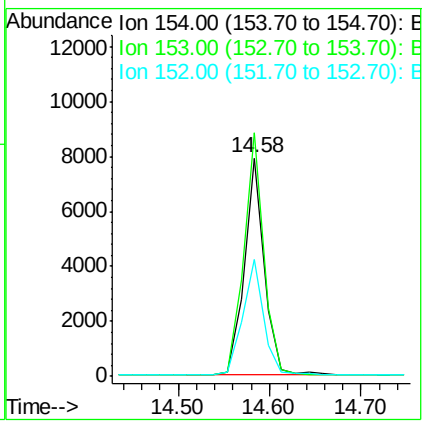


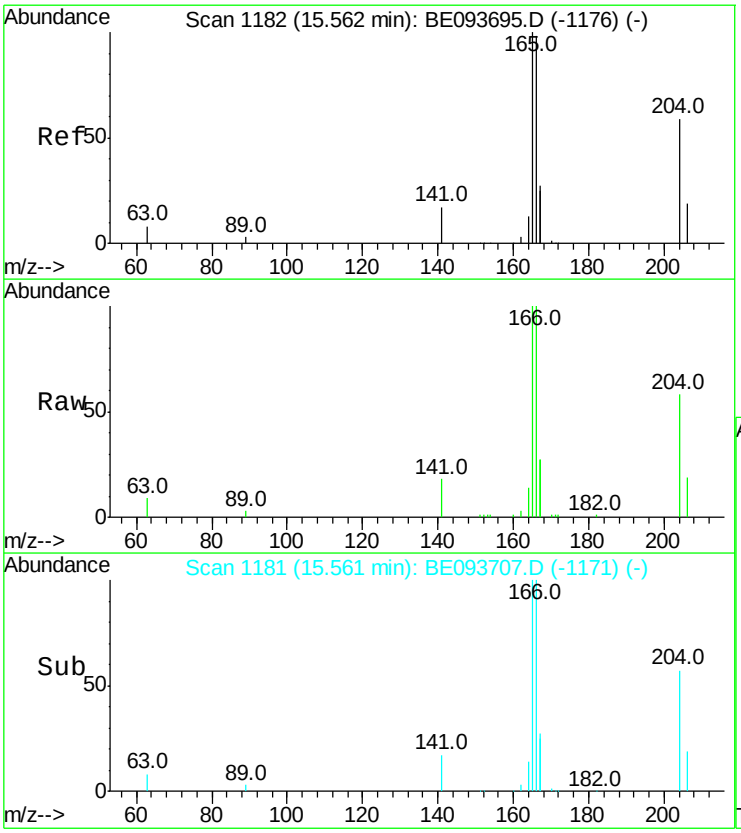
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11951

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	55.4	44.8	67.2

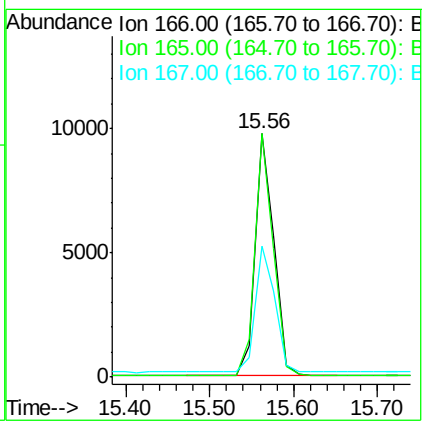


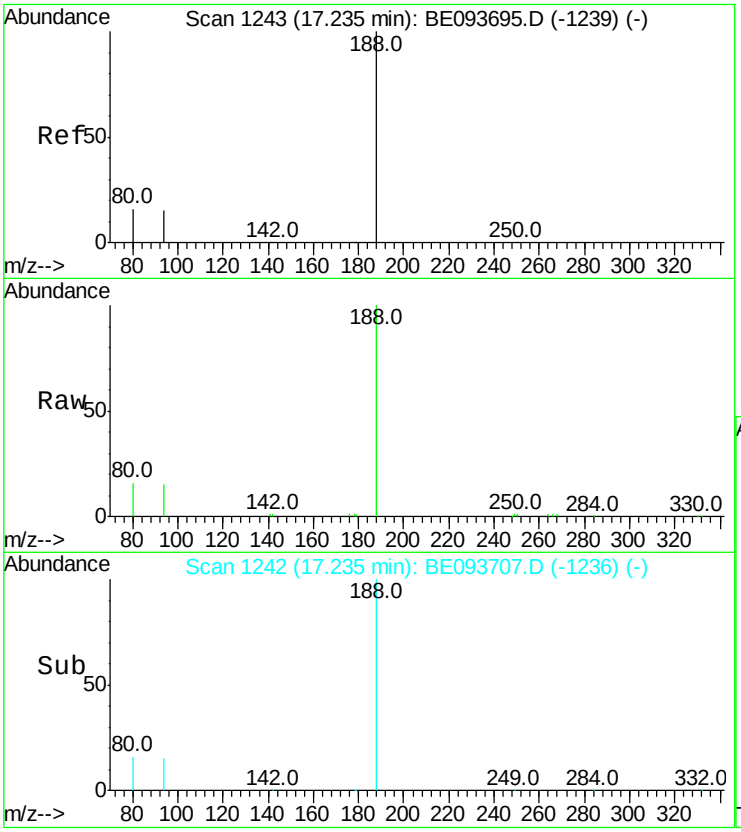


#18
Fluorene
Concen: 0.395 ng
RT: 15.56 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:166 Resp: 15262

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	54.1	11.1	16.7#



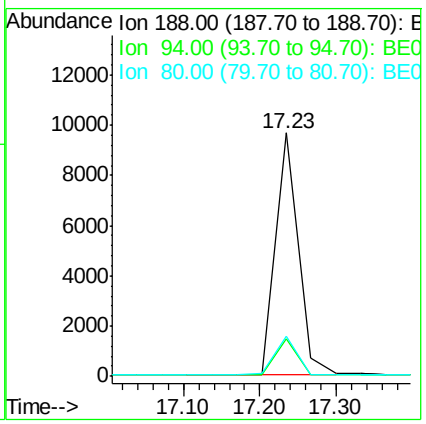


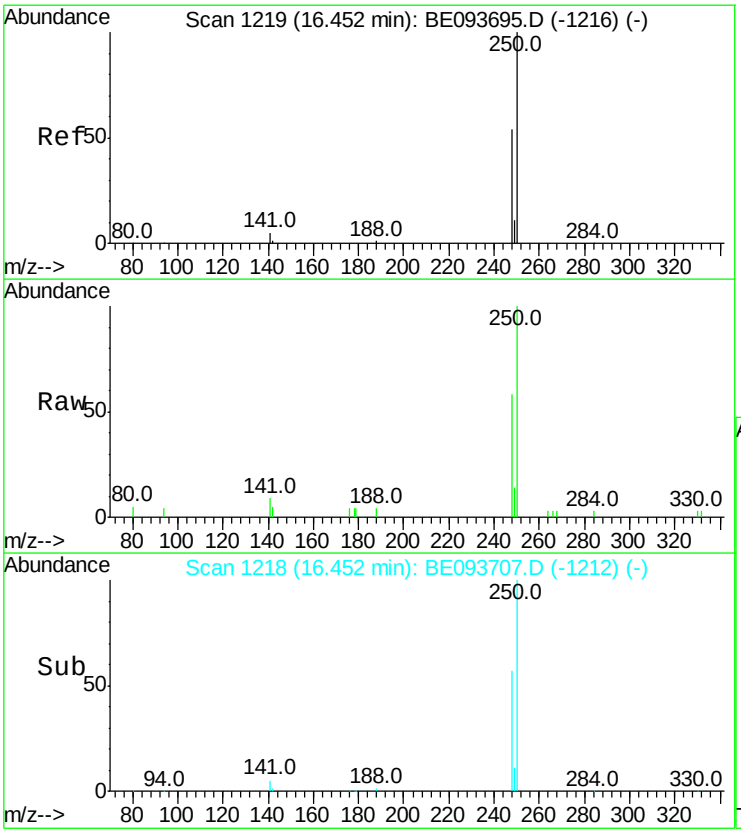
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20288

Ion	Ratio	Lower	Upper
188	100		
94	15.5	11.3	16.9
80	16.4	11.7	17.5

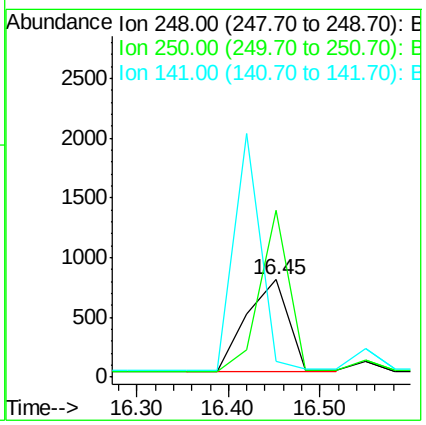


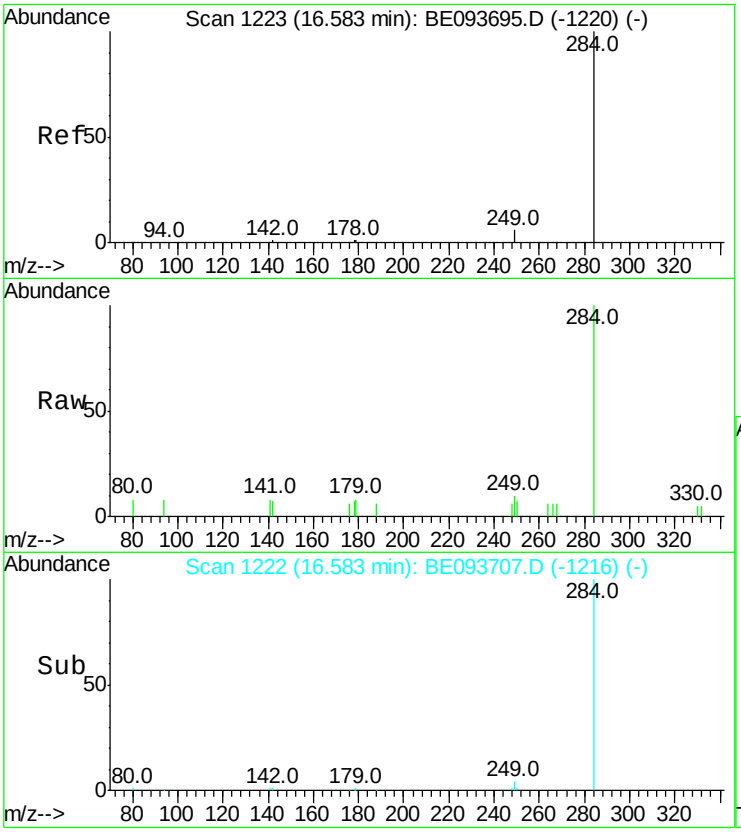


#20
4-Bromophenyl-phenylether
Concen: 0.433 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:248 Resp: 2484

Ion	Ratio	Lower	Upper
248	100		
250	171.7	128.0	192.0
141	16.2	12.0	18.0



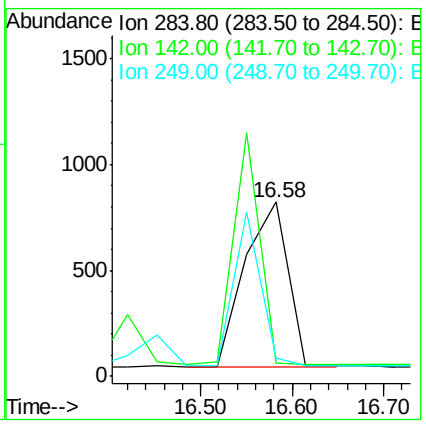


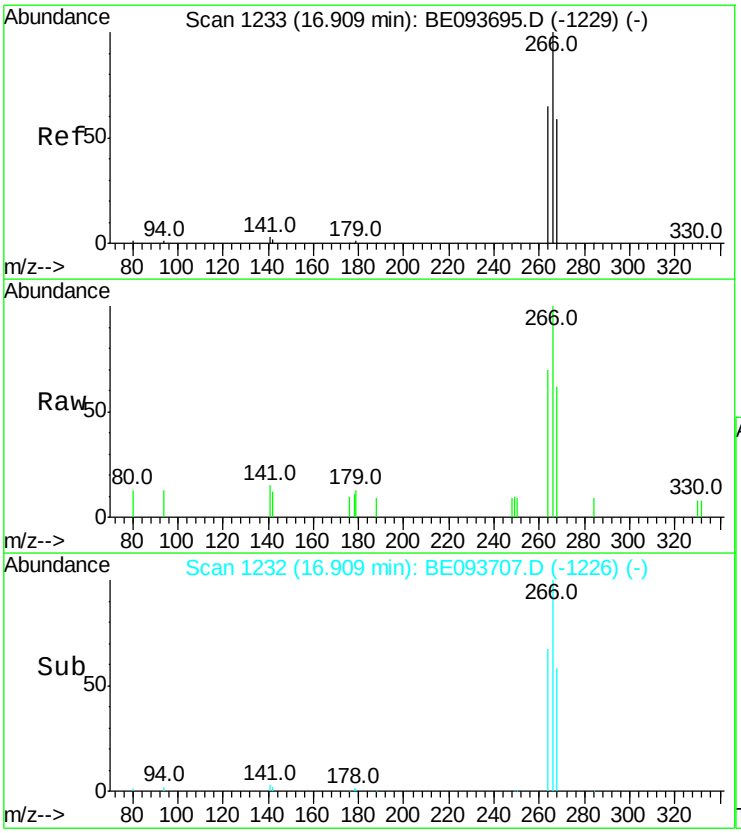
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2568

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

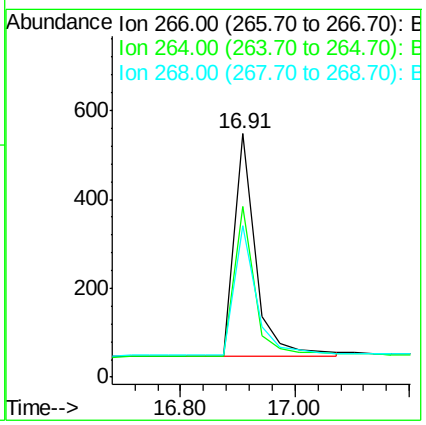


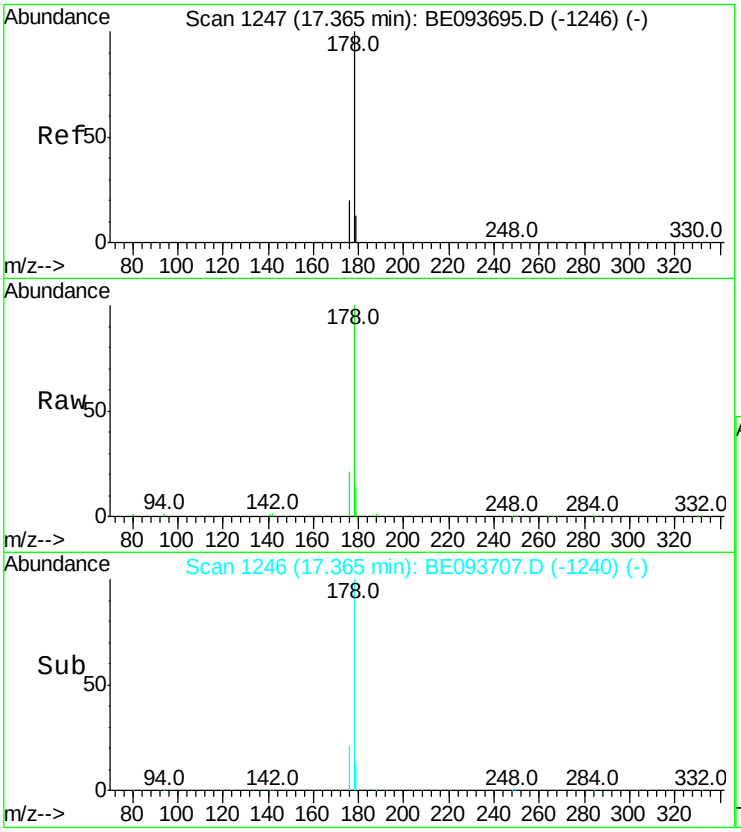


#22
Pentachlorophenol
Concen: 0.301 ng
RT: 16.91 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:266 Resp: 1291

Ion	Ratio	Lower	Upper
266	100		
264	70.1	56.0	84.0
268	62.0	52.0	78.0



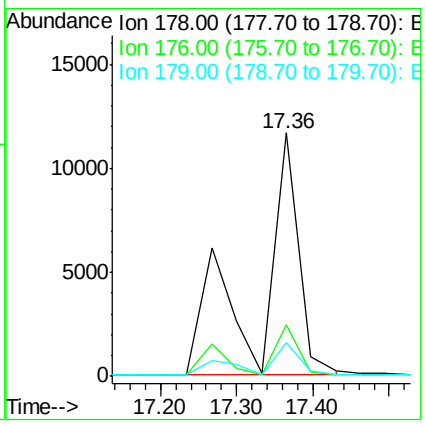


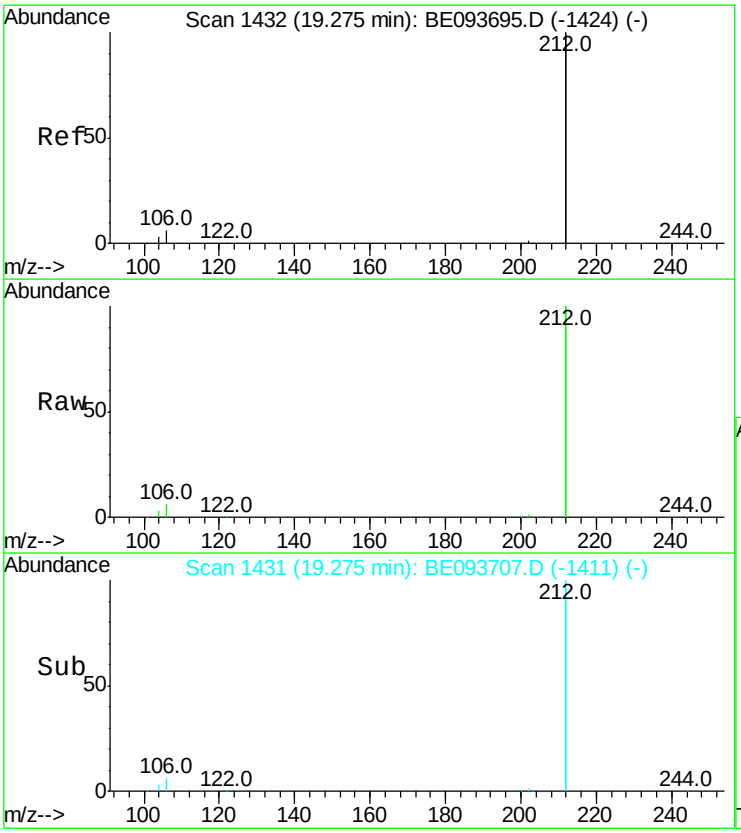
#24
Anthracene
Concen: 0.639 ng
RT: 17.36 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 41937

Ion	Ratio	Lower	Upper
178	100		
176	11.8	14.6	22.0#
179	14.0	12.0	18.0

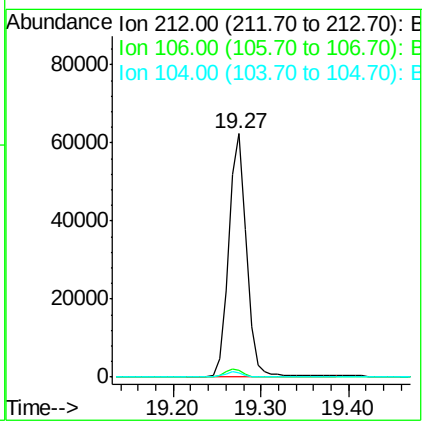


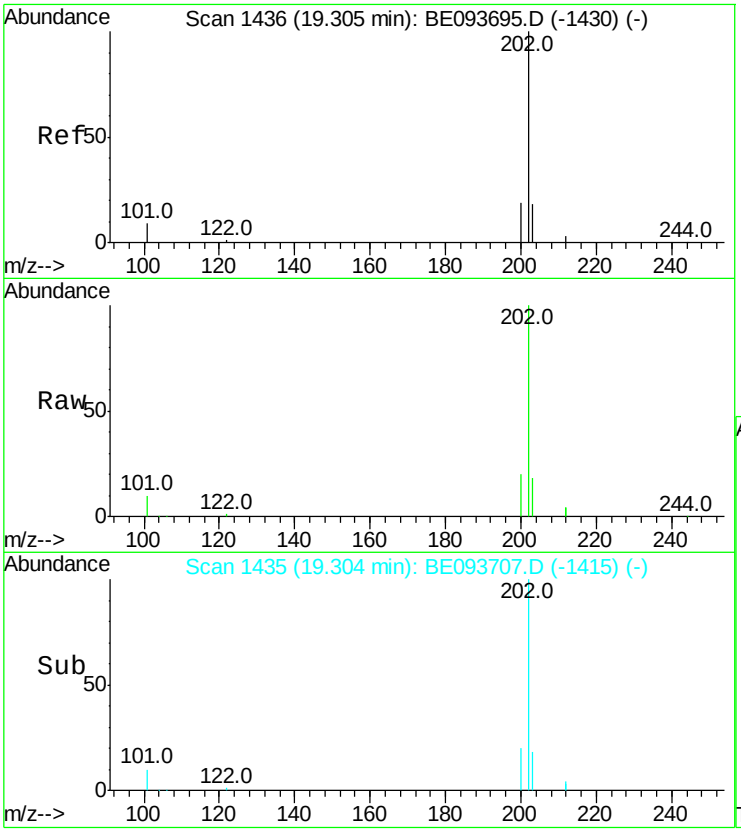


#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:212 Resp: 87916

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4



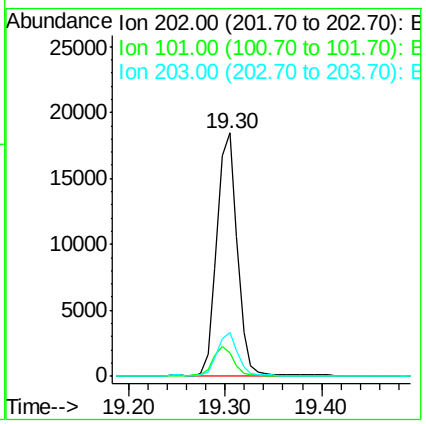


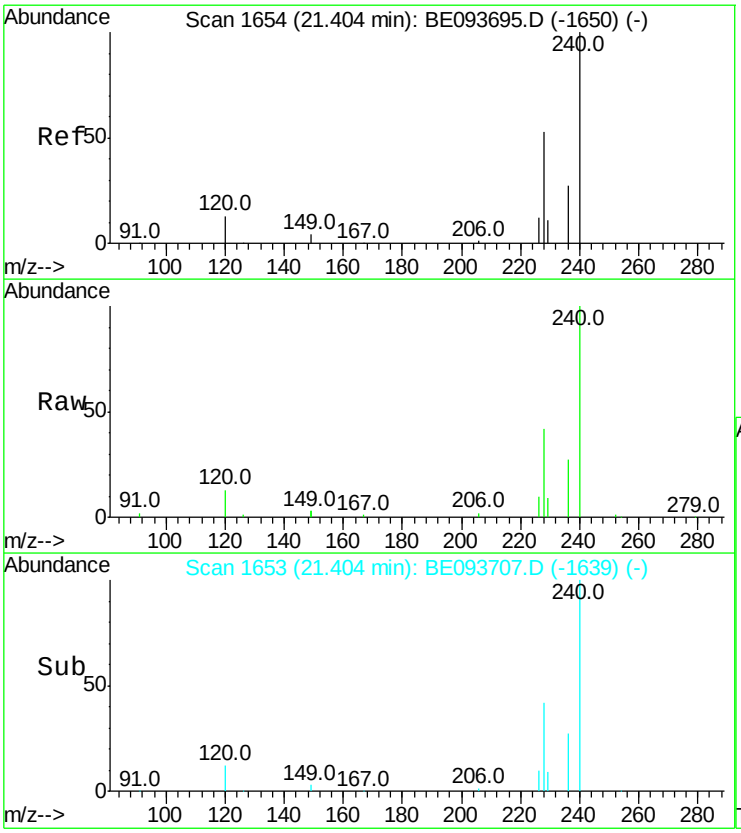
#26
Fluoranthene
Concen: 0.377 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 26745

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.4	14.4	21.6

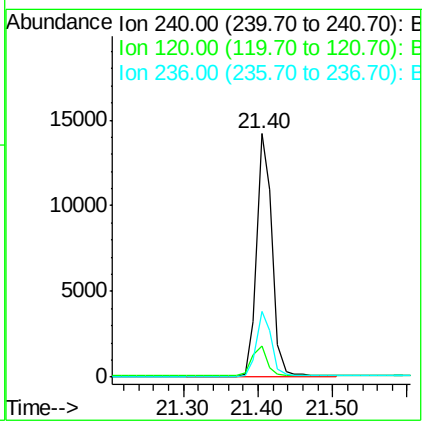


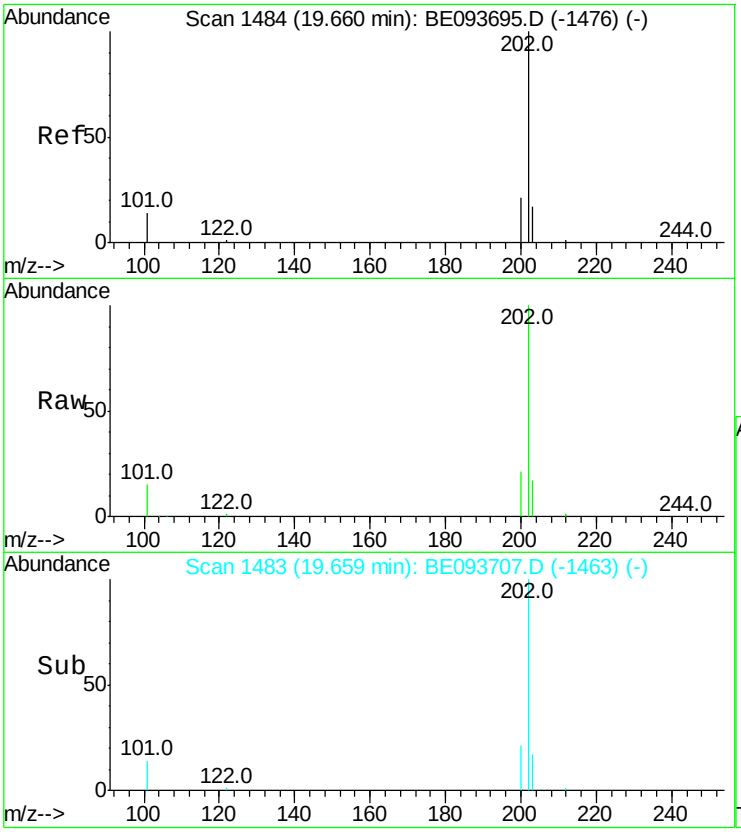


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:240 Resp: 20729

Ion	Ratio	Lower	Upper
240	100		
120	13.0	4.6	7.0#
236	27.2	20.8	31.2



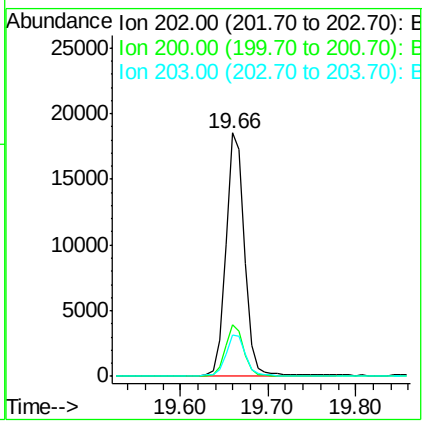


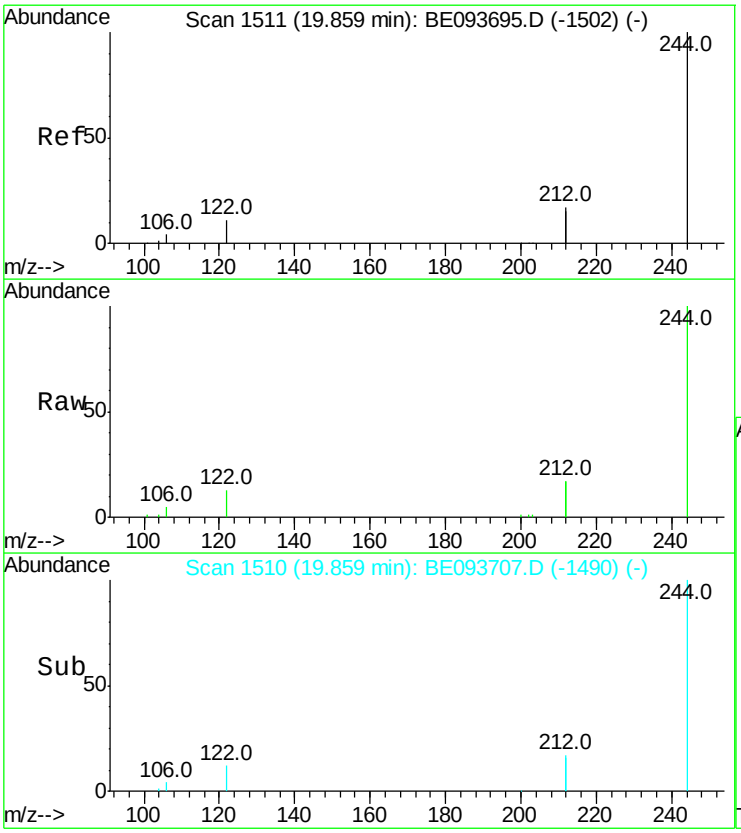
#28
Pyrene
Concen: 0.401 ng
RT: 19.66 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 27232

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.5	13.7	20.5

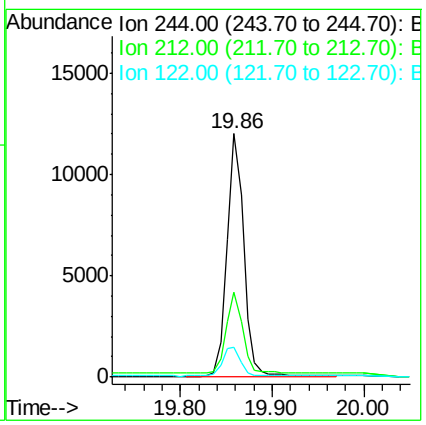


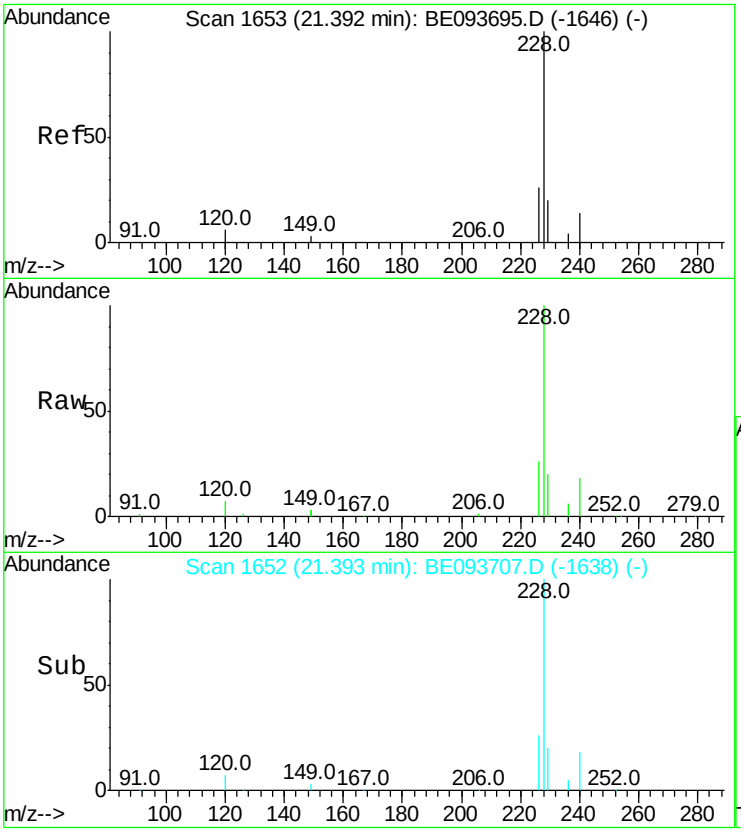


#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.86 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:244 Resp: 14980

Ion	Ratio	Lower	Upper
244	100		
212	34.9	10.6	16.0#
122	12.5	15.4	23.0#



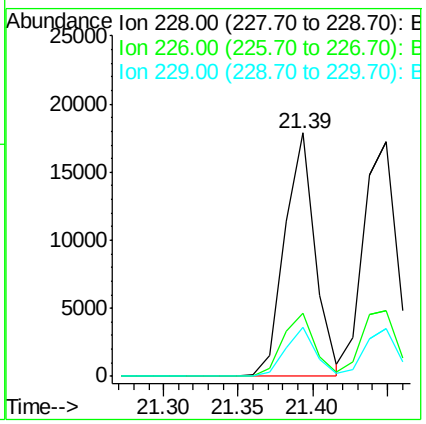


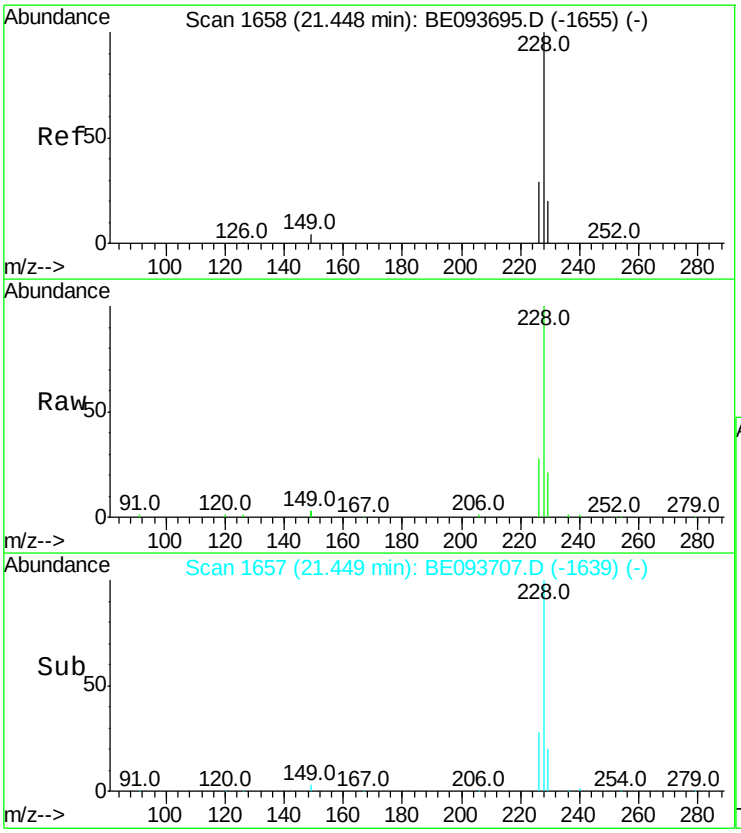
#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.39 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 25042

Ion	Ratio	Lower	Upper
228	100		
226	26.0	19.7	29.5
229	20.3	19.2	28.8

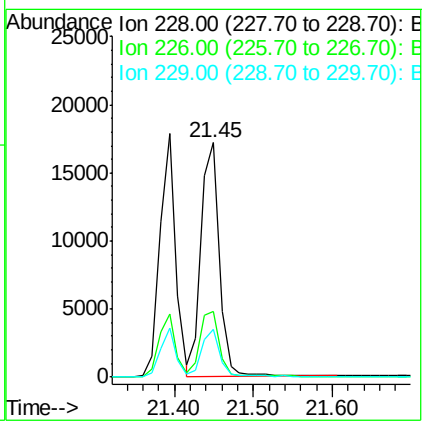


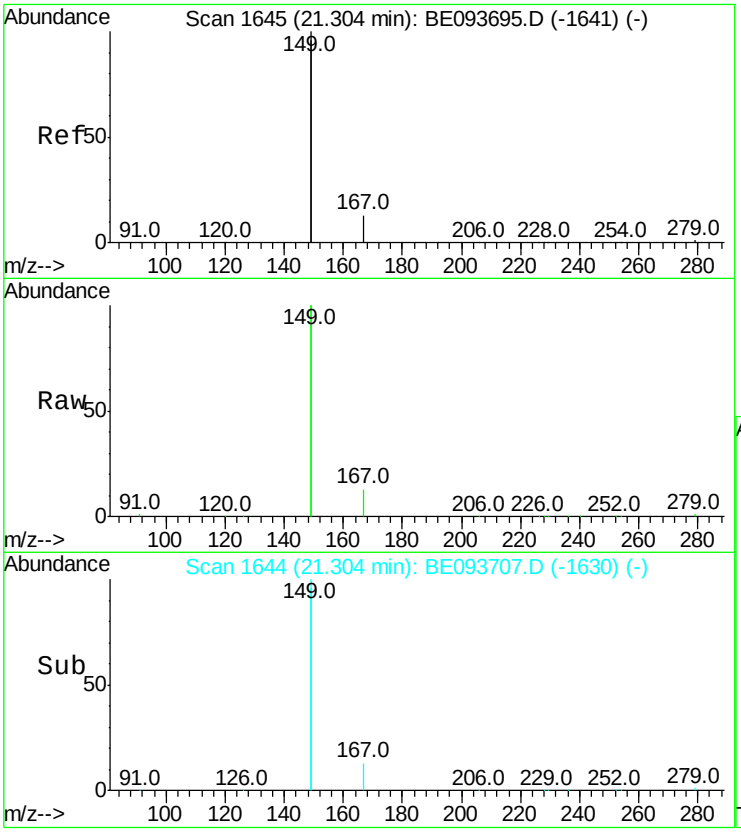


#31
Chrysene
Concen: 0.406 ng
RT: 21.45 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:228 Resp: 27285

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	20.7	18.6	28.0



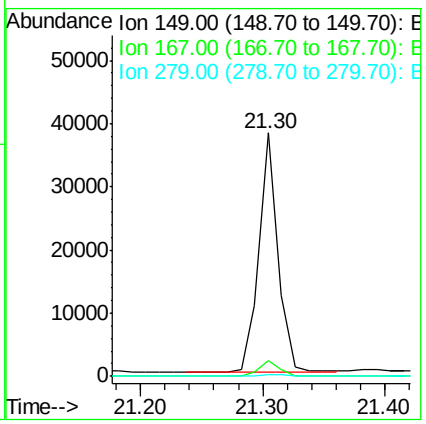


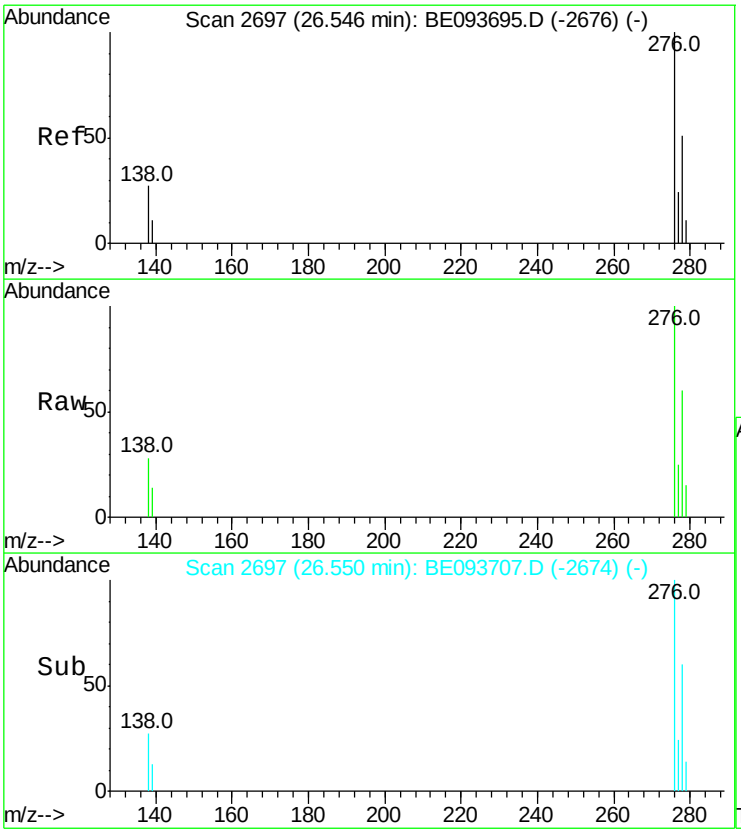
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.30 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 41369

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2

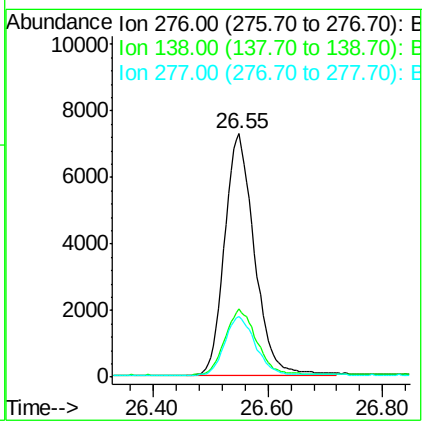


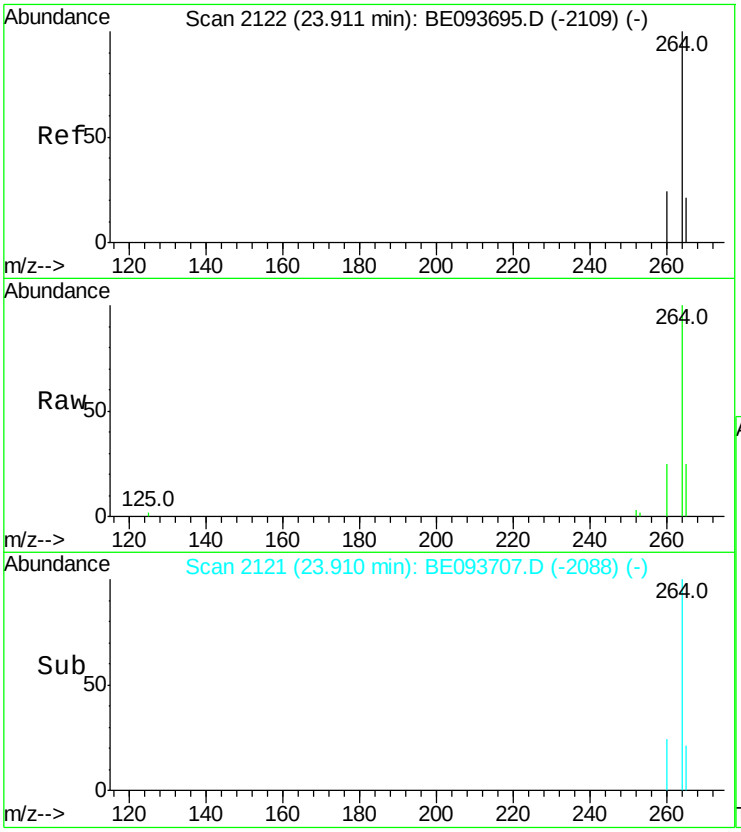


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 26.55 min Scan# 2697
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:276 Resp: 26402

Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.4	41.2
277	24.8	20.1	30.1



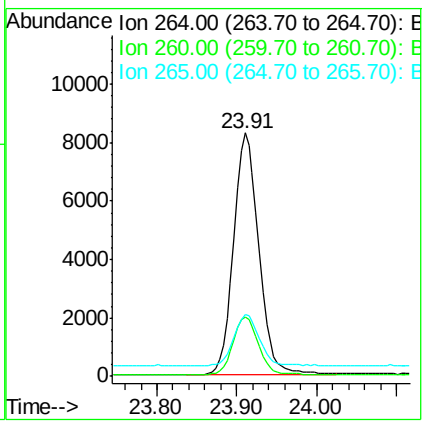


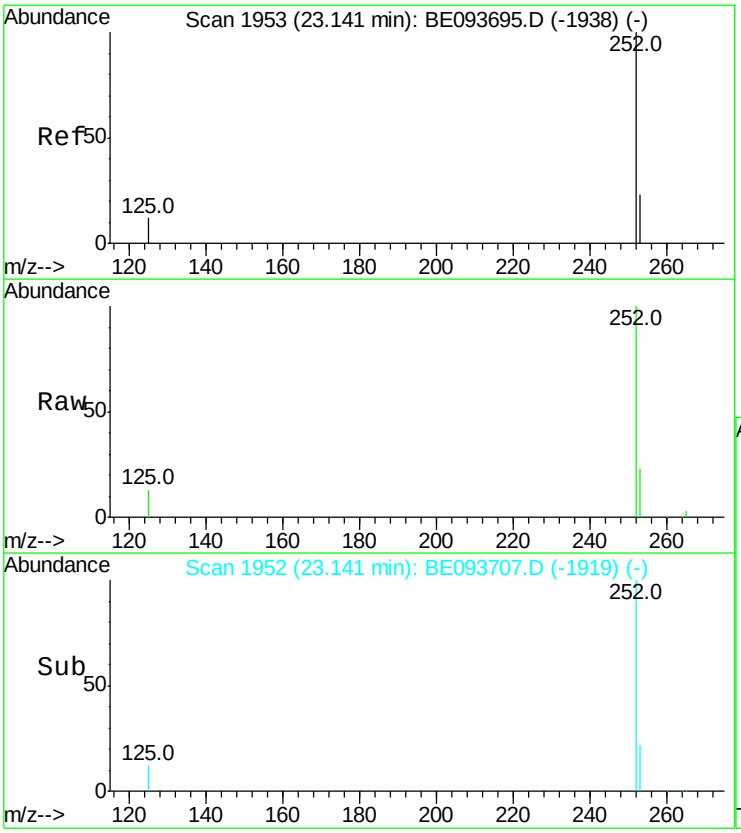
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 18276

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	25.2	24.6	36.8

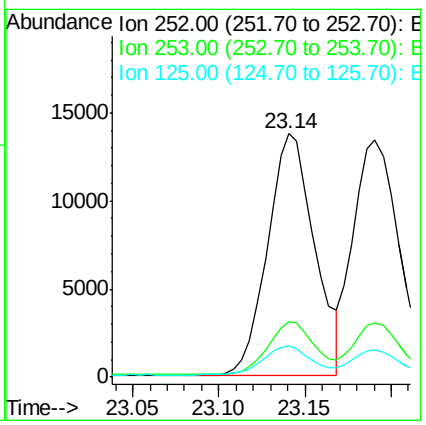


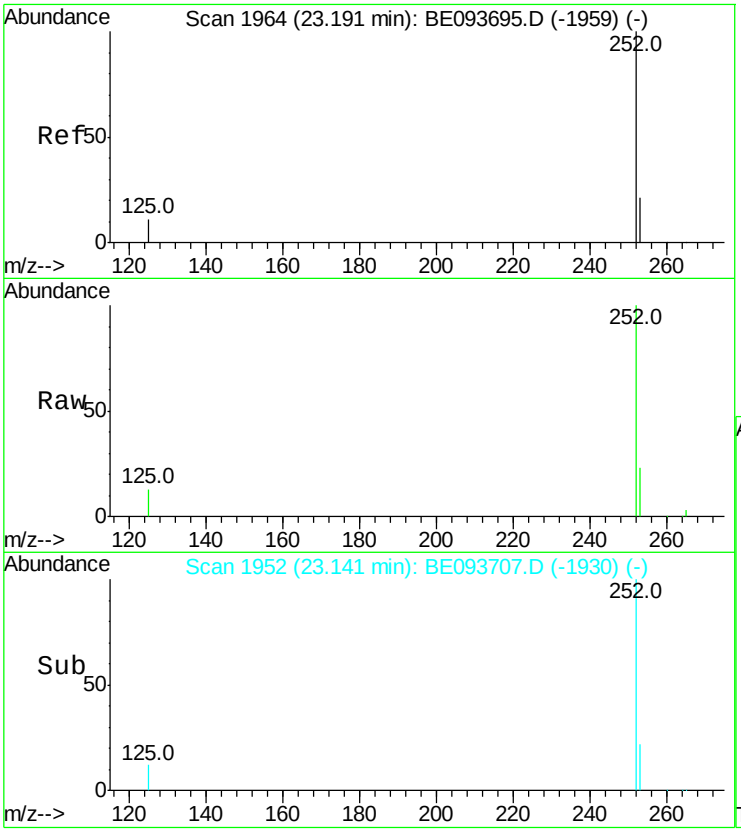


#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:252 Resp: 26018

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	12.6	13.4	20.0#



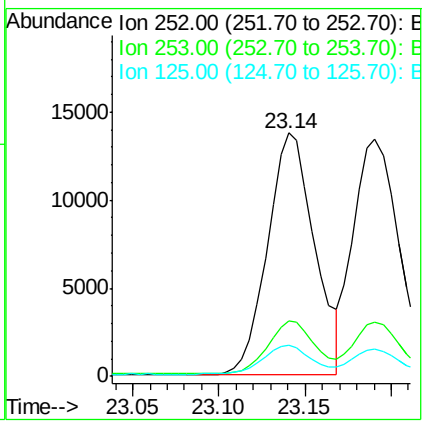


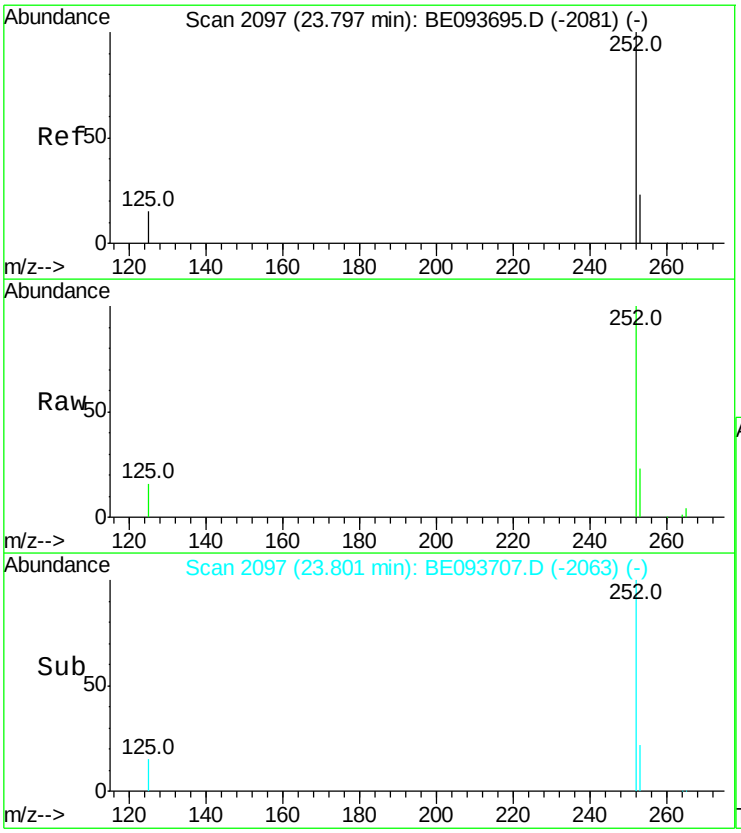
#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 26018

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	12.6	12.2	18.4

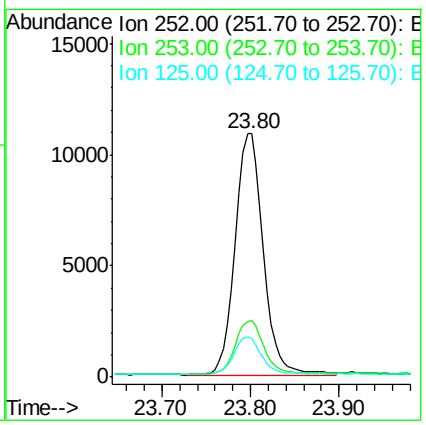


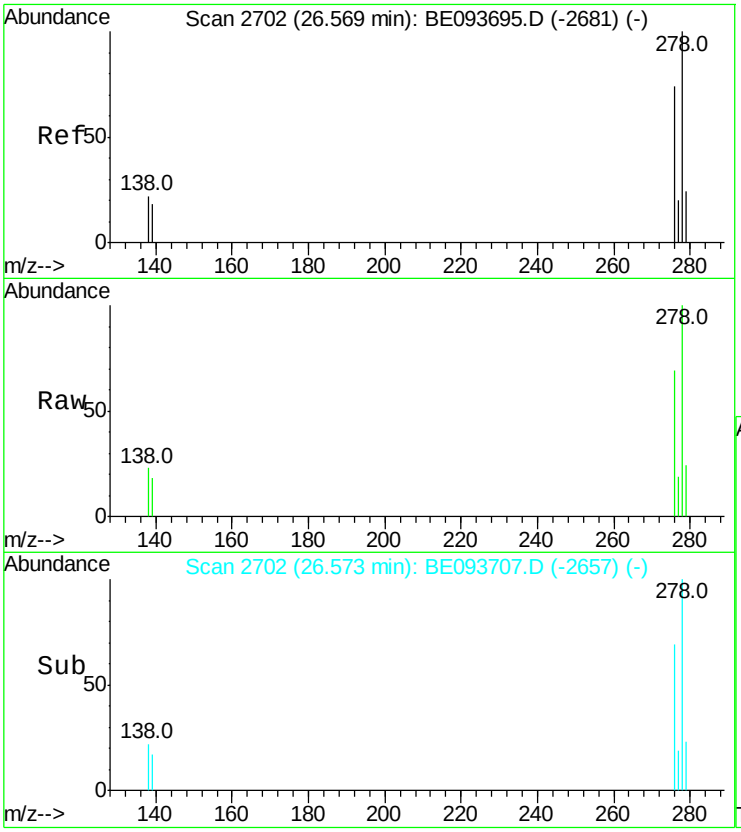


#37
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:252 Resp: 24014

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	15.9	14.6	21.8



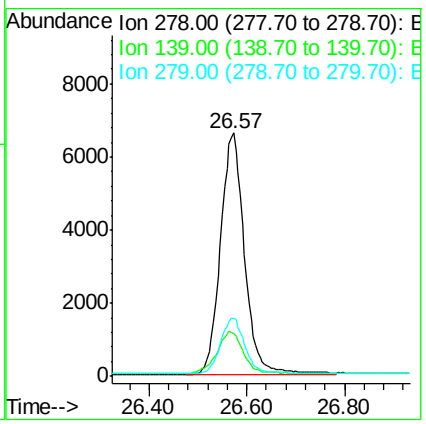


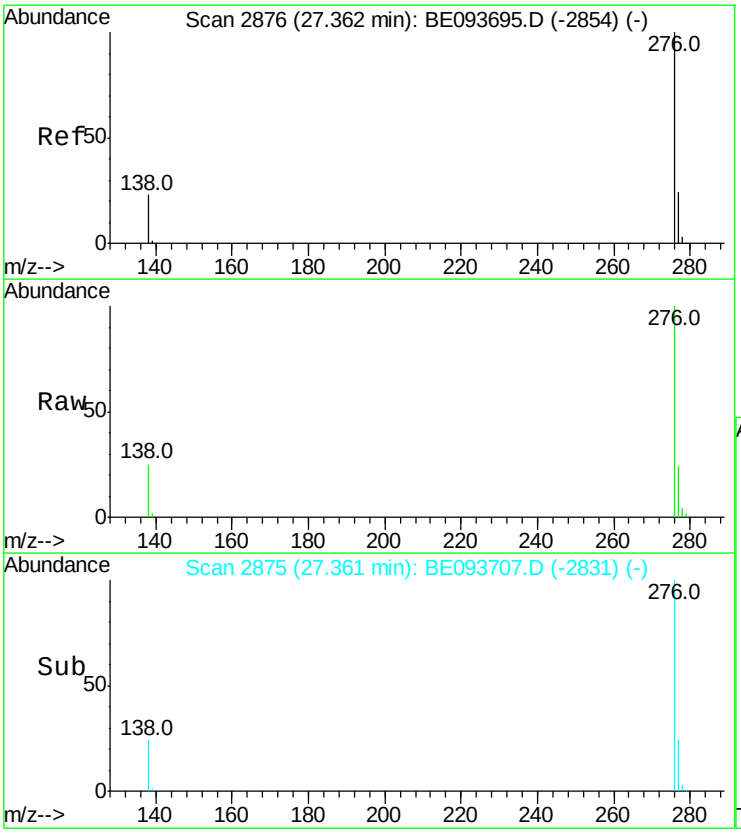
#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 22660

Ion	Ratio	Lower	Upper
278	100		
139	17.6	21.4	32.0#
279	24.0	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE093707.D
Acq: 7 Aug 2017 18:48

Tgt Ion:276 Resp: 22342

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.2	31.8
138	24.9	24.5	36.7