Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093600.D
Acq On : 26 Jul 2017 11:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 27 08:18:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2265	0.40	ng		-0.01
7) Naphthalene-d8	10.71	136	11202	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	6688	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	15326	0.40	ng		0.00
27) Chrysene-d12	21.40	240	18177	0.40	ng		-0.01
34) Perylene-d12	23.91	264	17138	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	3279	0.42	ng		0.00
5) Phenol-d6	7.09	99	4818	0.44	ng		-0.01
8) Nitrobenzene-d5	9.06	82	3788	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	7914	0.44	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	655	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	11573	0.44	ng		0.00
25) Fluoranthene-d10	19.28	212	82745	0.34	ng		0.00
29) Terphenyl-d14	19.86	244	14207	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1623	0.432	ng		98
3) n-Nitrosodimethylamine	3.75	42	1439	0.387	ng		89
6) bis(2-Chloroethyl)ether	7.34	93	3743	0.427	ng	#	98
9) Naphthalene	10.76	128	56232	0.431	ng		99
10) Hexachlorobutadiene	11.04	225	2149	0.424	ng		98
12) 2-Methylnaphthalene	12.36	142	9507	0.435	ng		96
16) Acenaphthylene	14.24	152	14302	0.425	ng	#	88
17) Acenaphthene	14.58	154	10019	0.438	ng		99
18) Fluorene	15.56	166	13340	0.414	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	2412	0.404	ng		99
21) Hexachlorobenzene	16.58	284	2361	0.411	ng	#	100
22) Pentachlorophenol	16.91	266	1514	0.522	ng		98
24) Anthracene	17.37	178	37579	0.707	ng		97
26) Fluoranthene	19.31	202	25309	0.341	ng		99
28) Pyrene	19.66	202	25982	0.441	ng	#	99
30) Benzo(a)anthracene	21.39	228	24367	0.417	ng		95
31) Chrysene	21.45	228	25654	0.443	ng		95
32) Bis(2-ethylhexyl)phthalate	21.30	149	39002	0.327	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	26228	0.479	ng		94
35) Benzo(b)fluoranthene	23.14	252	24632	0.409	ng	#	96
36) Benzo(k)fluoranthene	23.14	252	24632	0.414	ng		95
37) Benzo(a)pyrene	23.80	252	23465	0.419	ng		95
38) Dibenzo(a,h)anthracene	26.56	278	22565	0.427	ng	#	90
39) Benzo(g,h,i)perylene	27.36	276	21889	0.412	ng		92

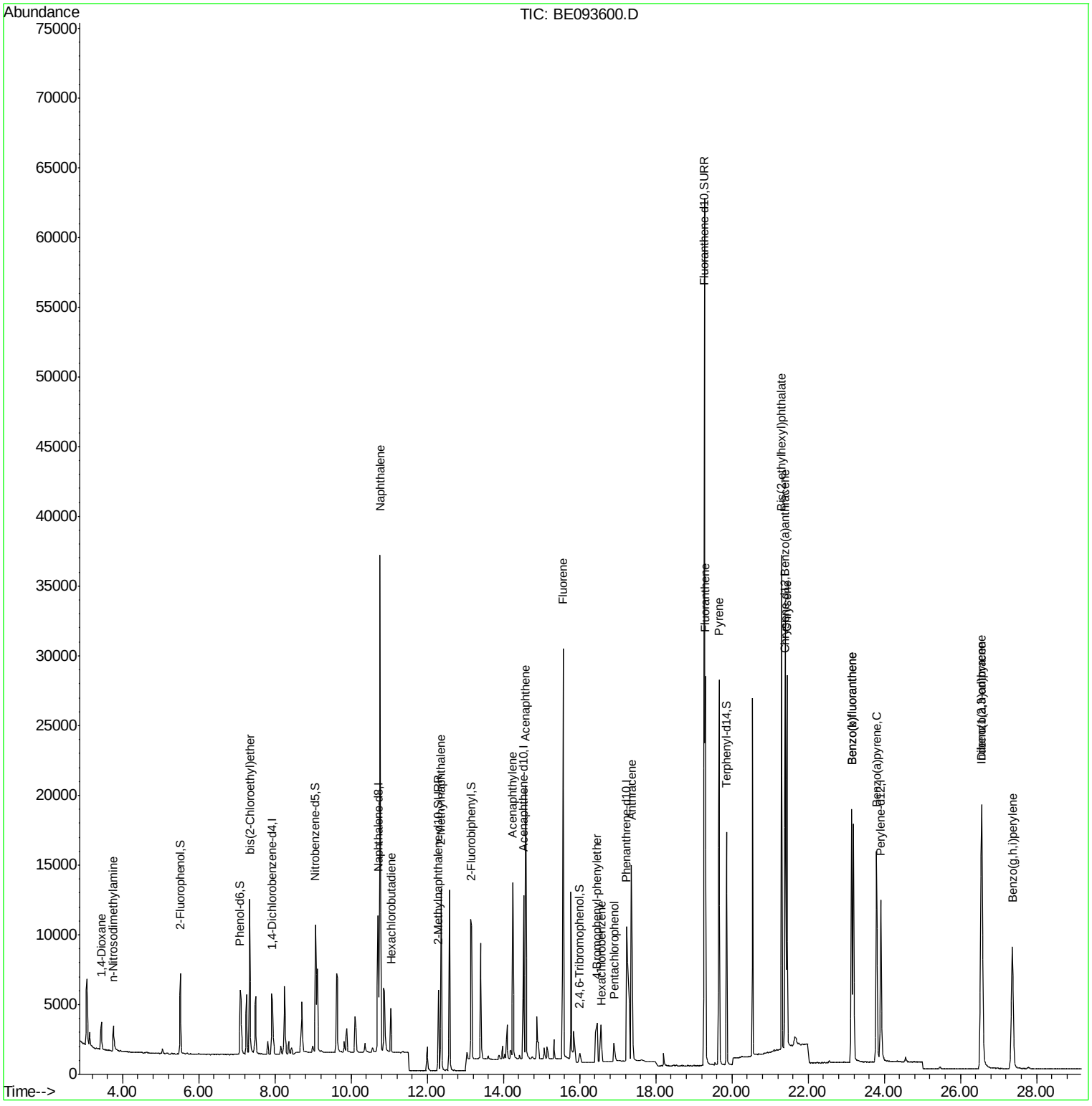
(#) = qualifier out of range (m) = manual integration (+) = signals summed

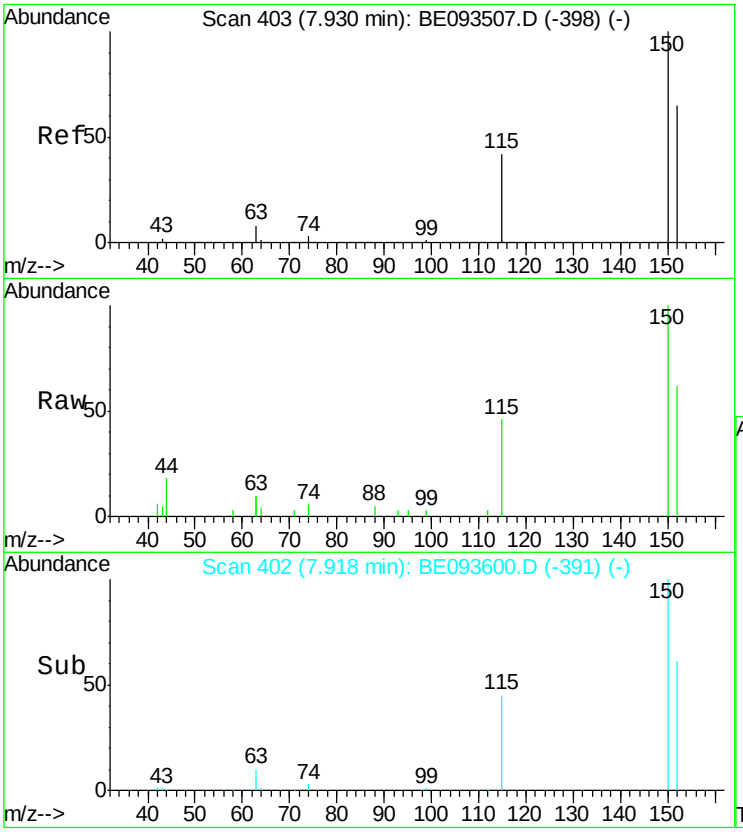
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
Data File : BE093600.D
Acq On : 26 Jul 2017 11:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 27 08:18:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:13:20 2017
Response via : Initial Calibration



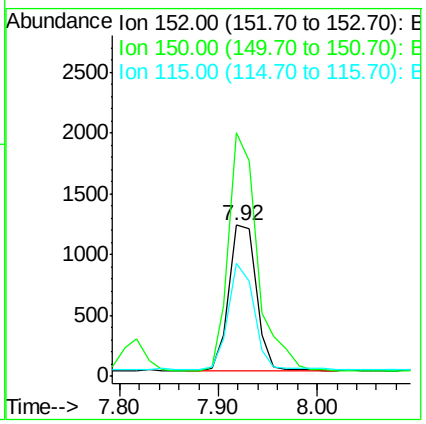


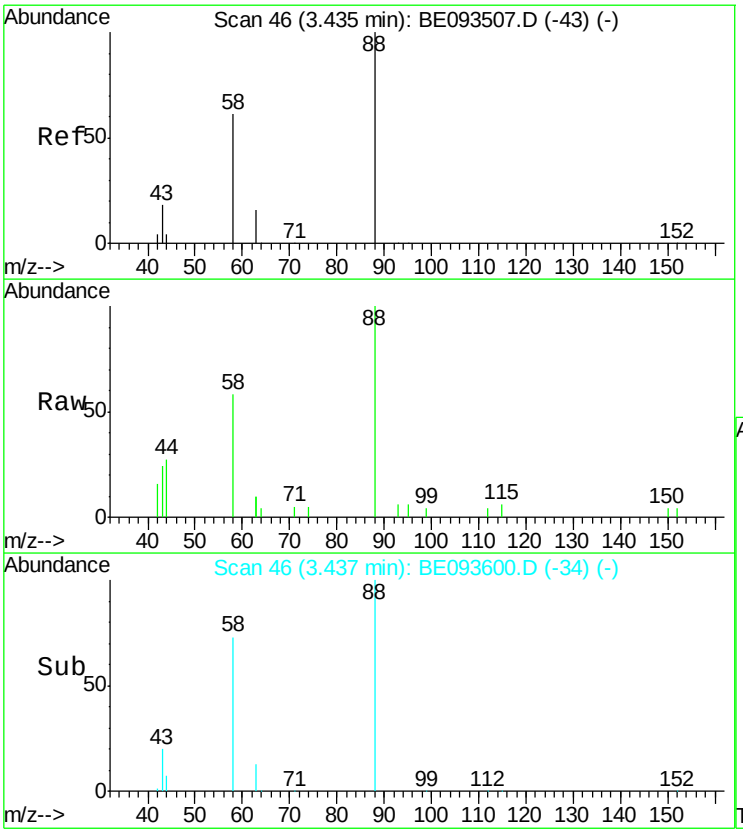
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2265

Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.1	187.7
115	74.8	55.7	83.5

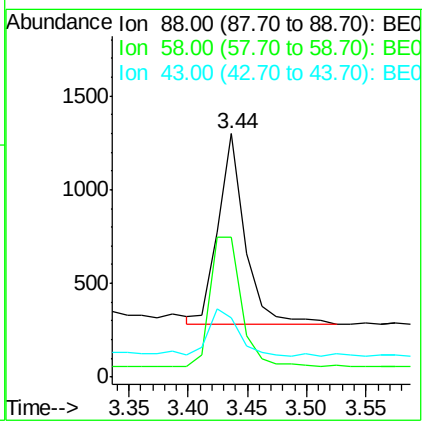


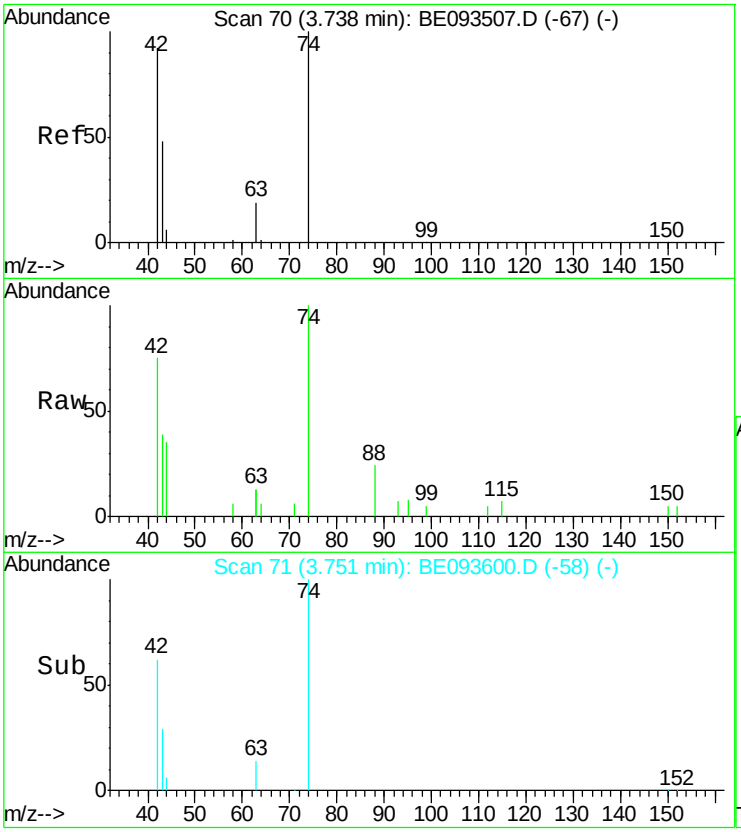


#2
1,4-Dioxane
Concen: 0.432 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion: 88 Resp: 1623

Ion	Ratio	Lower	Upper
88	100		
58	79.2	62.2	93.4
43	28.0	23.2	34.8



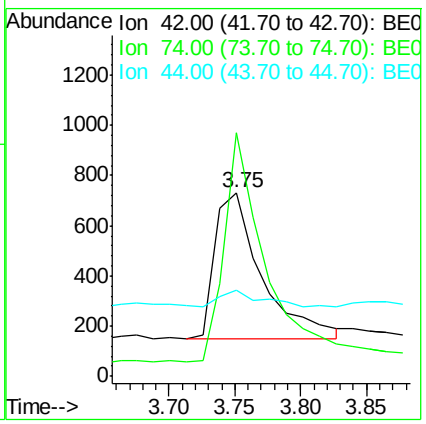


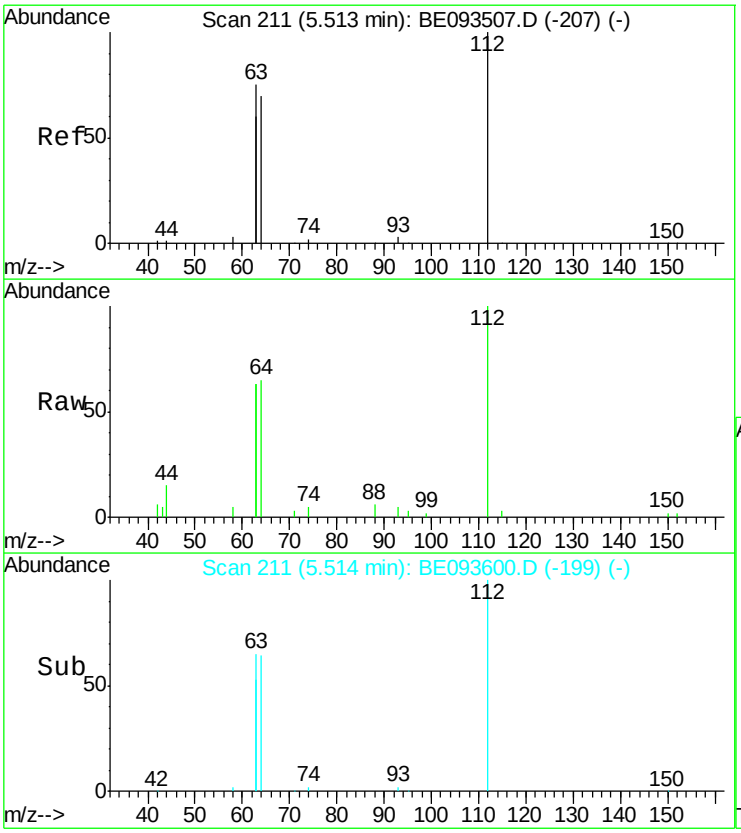
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1439

Ion	Ratio	Lower	Upper
42	100		
74	136.8	99.1	148.7
44	10.6	7.4	11.2

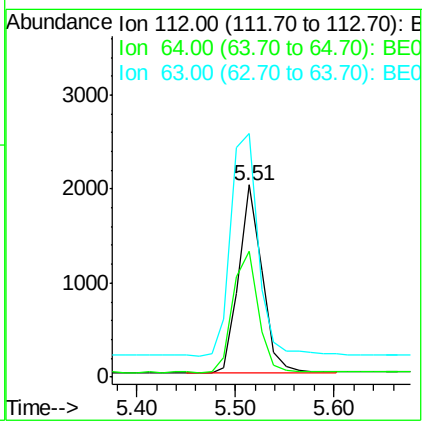


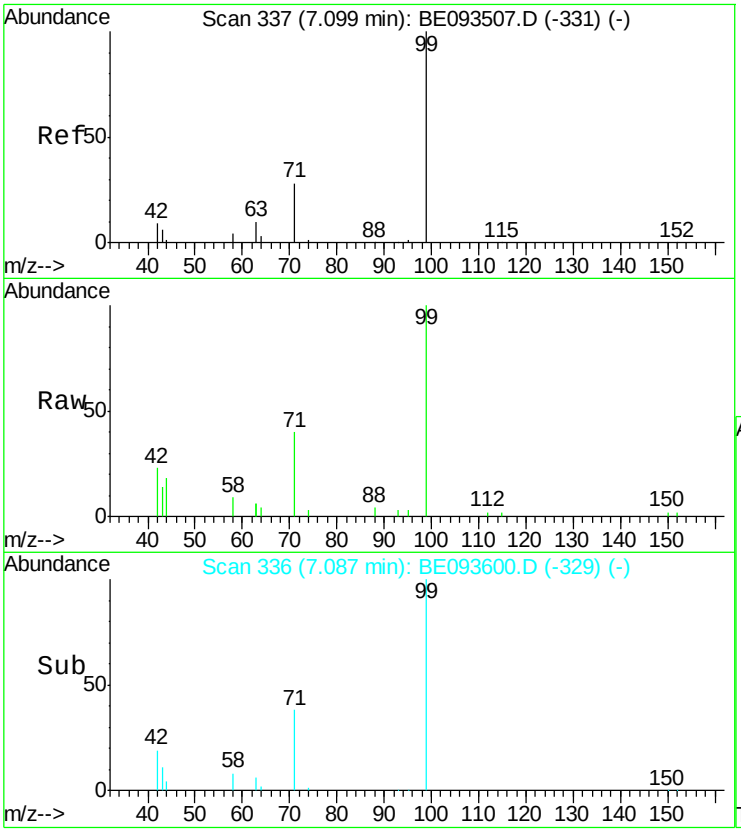


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:112 Resp: 3279

Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.4	84.6
63	136.7	29.3	43.9#



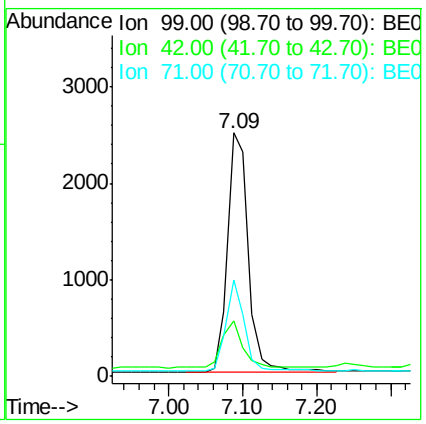


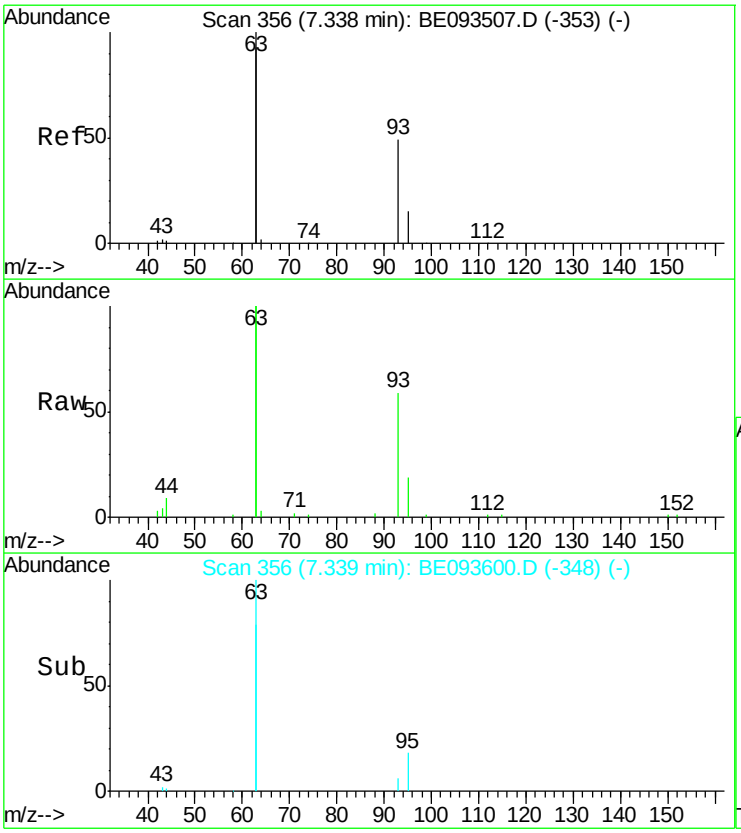
#5
Phenol-d6
Concen: 0.437 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4818

Ion	Ratio	Lower	Upper
99	100		
42	19.1	0.0	0.0#
71	34.0	0.0	0.0#

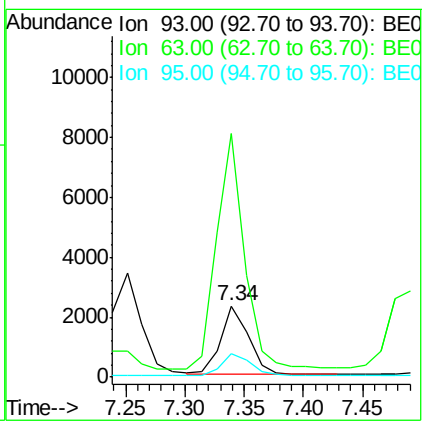


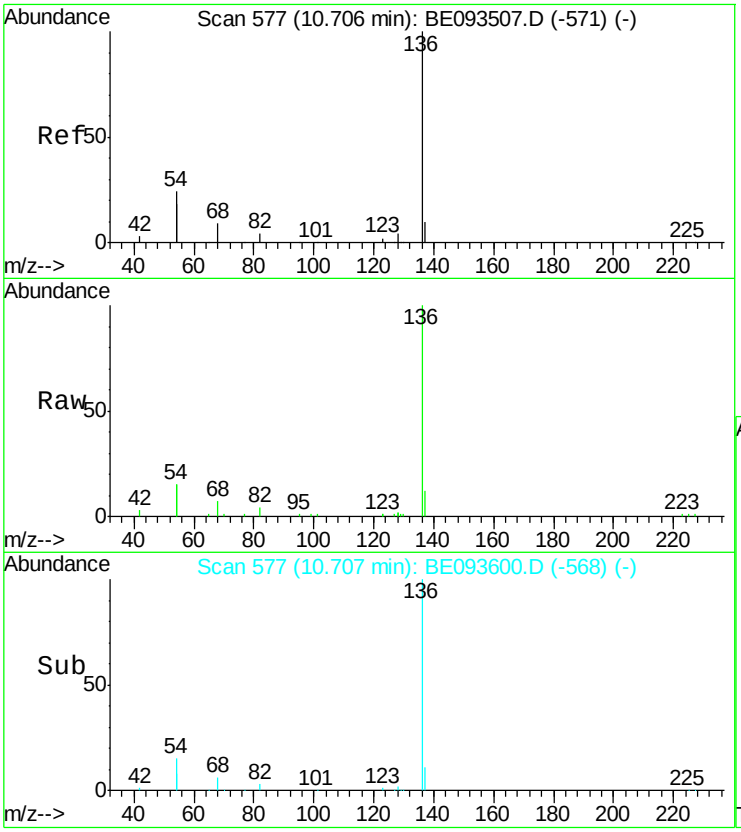


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion: 93 Resp: 3743

Ion	Ratio	Lower	Upper
93	100		
63	345.7	0.0	0.0#
95	32.9	25.4	38.0



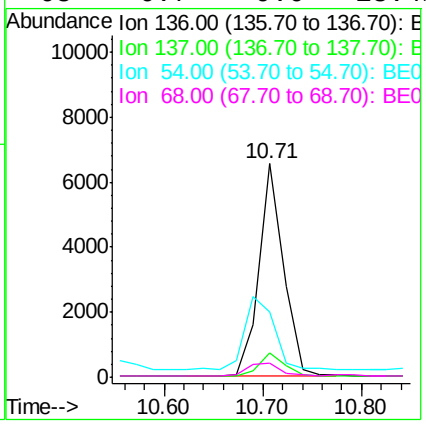


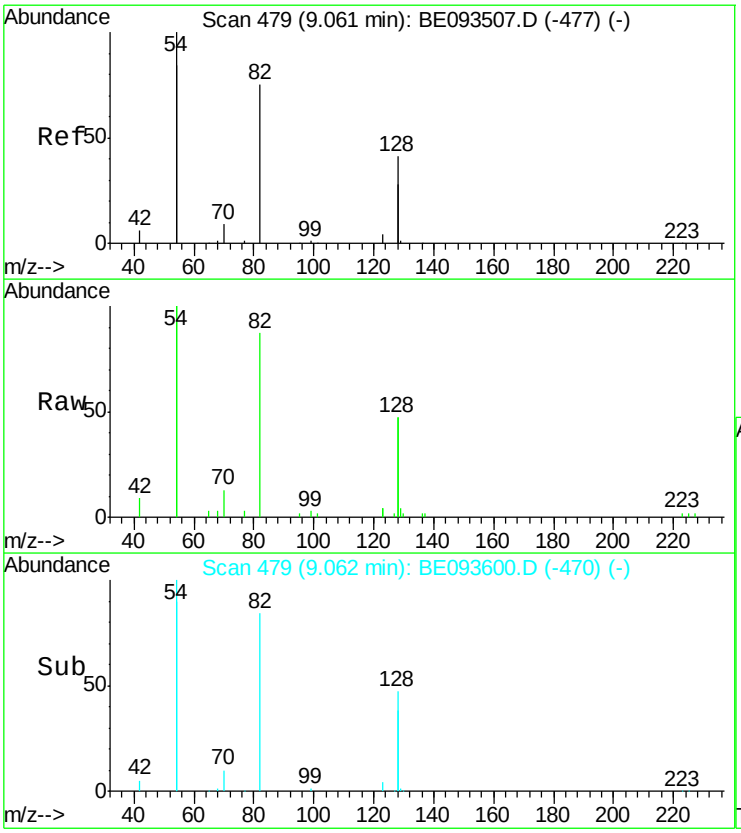
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11202

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	30.3	10.3	15.5#
68	6.7	9.0	13.4#

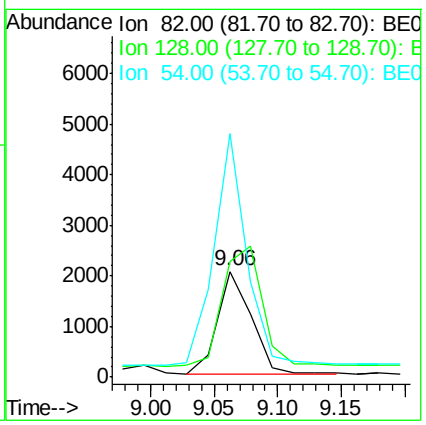


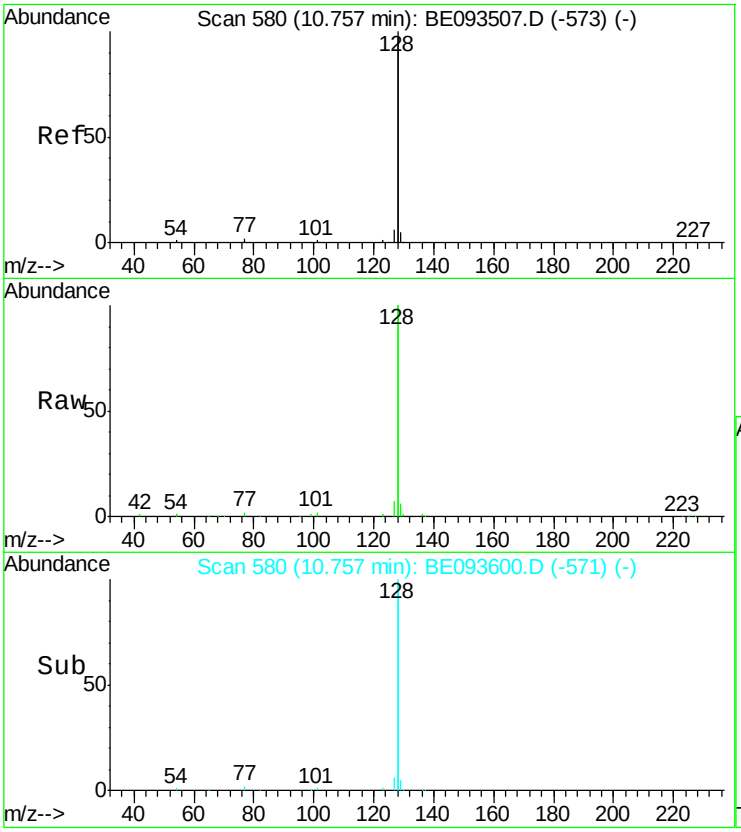


#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion: 82 Resp: 3788

Ion	Ratio	Lower	Upper
82	100		
128	109.4	17.0	25.4#
54	230.8	53.8	80.6#



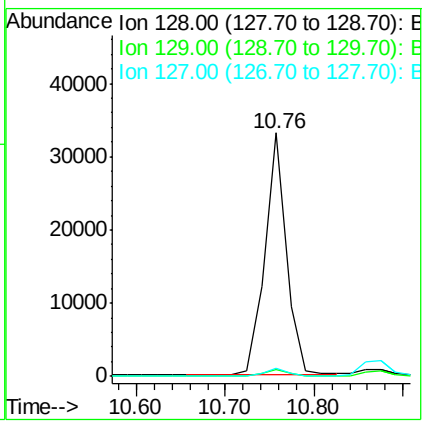


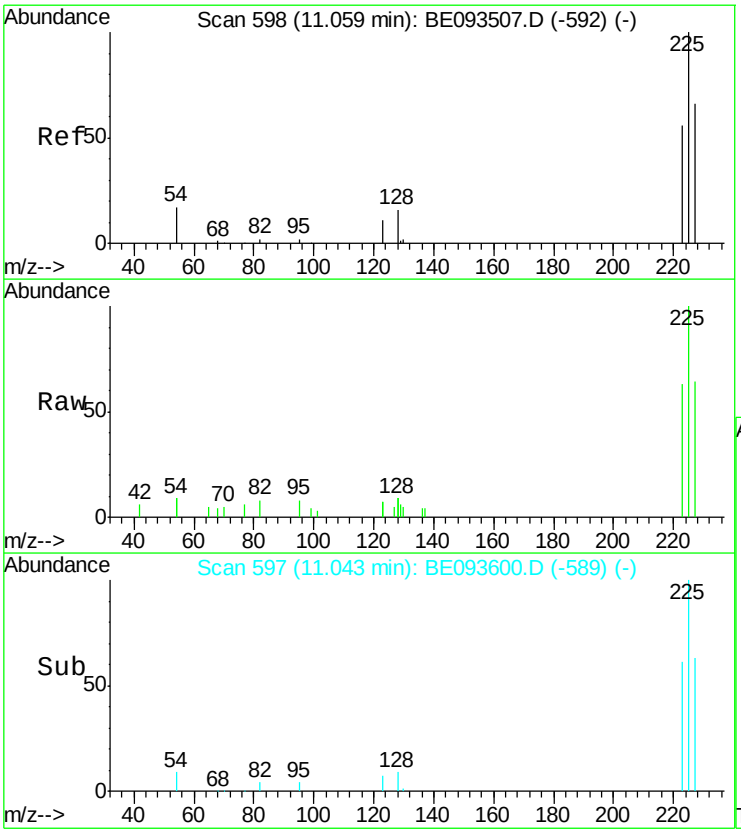
#9
Naphthalene
Concen: 0.431 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 56232

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.3	2.4	3.6

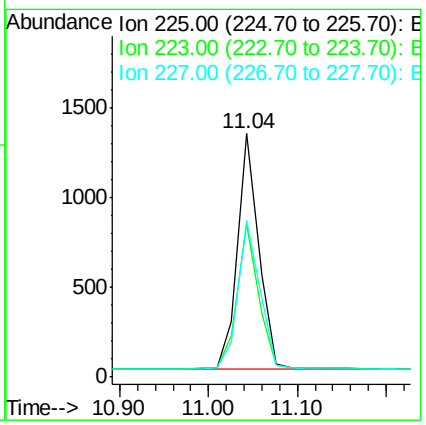


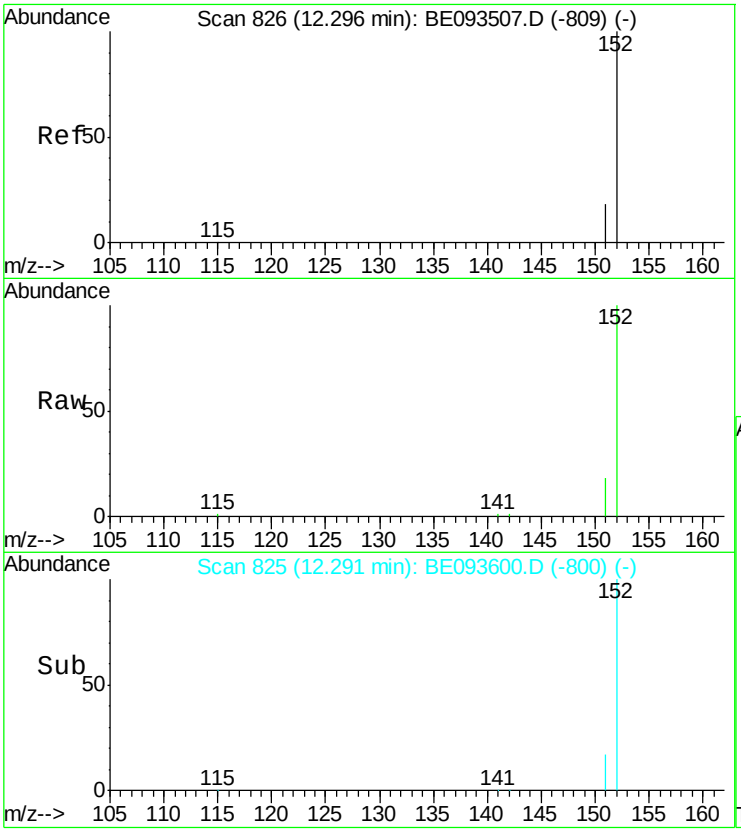


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.02 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:225 Resp: 2149

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	66.2	50.3	75.5



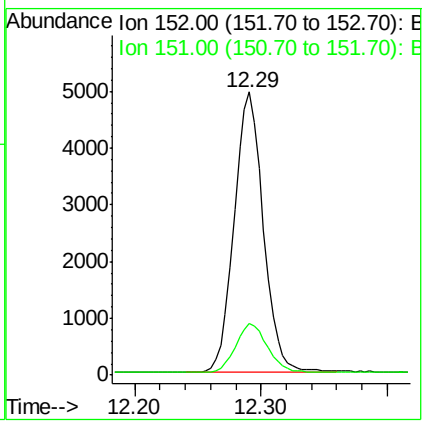


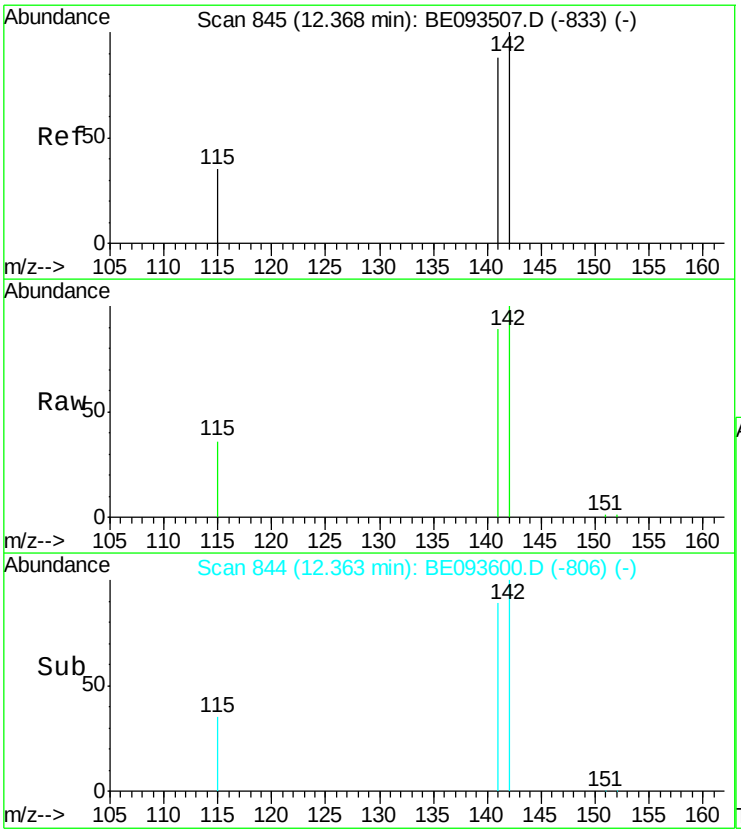
#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.29 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7914

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

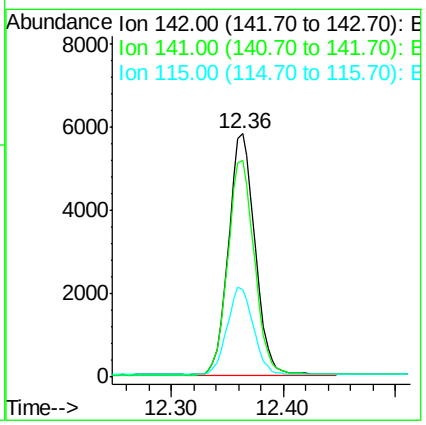


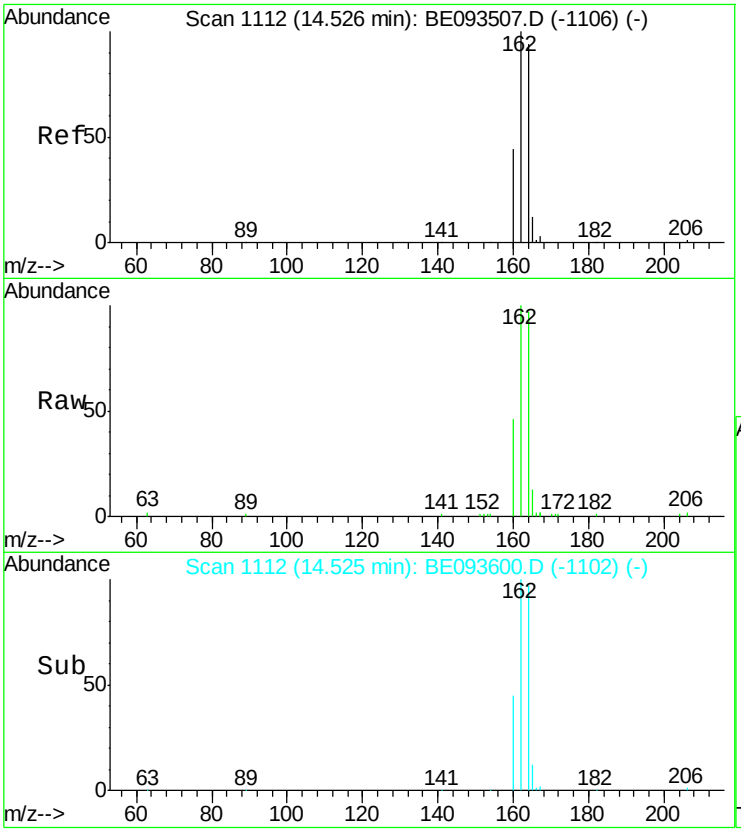


#12
2-Methylnaphthalene
Concen: 0.435 ng
RT: 12.36 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:142 Resp: 9507

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8
115	35.9	32.2	48.2



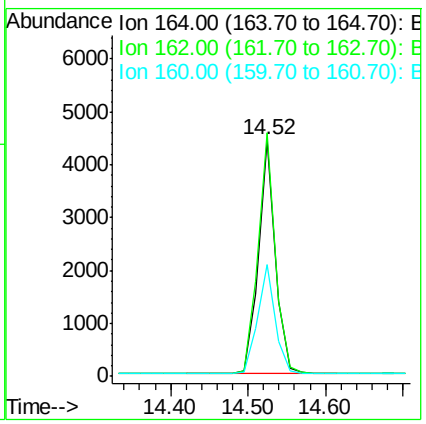


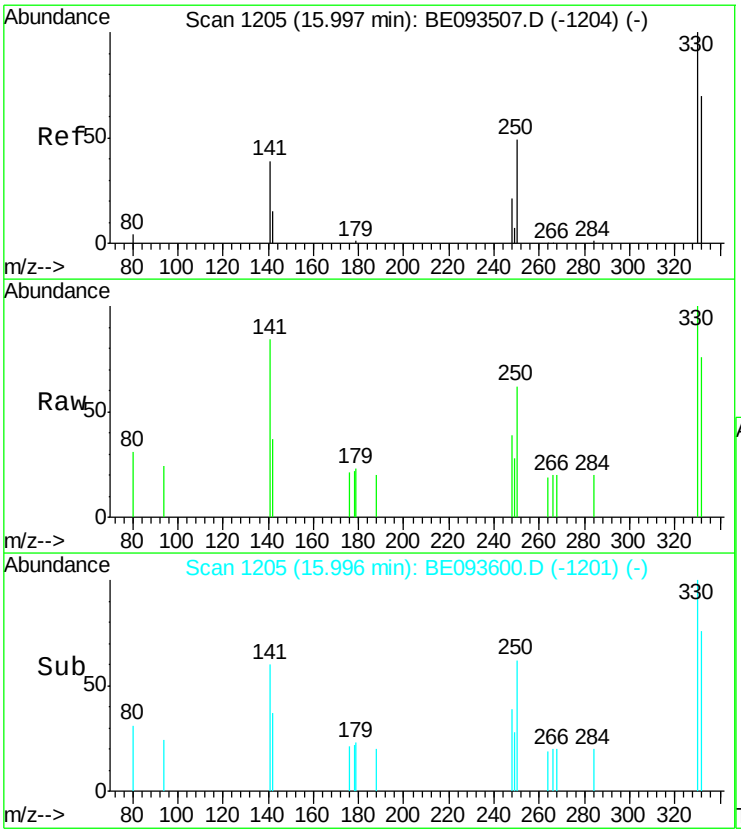
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6688

Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.6	127.0
160	47.1	41.8	62.6

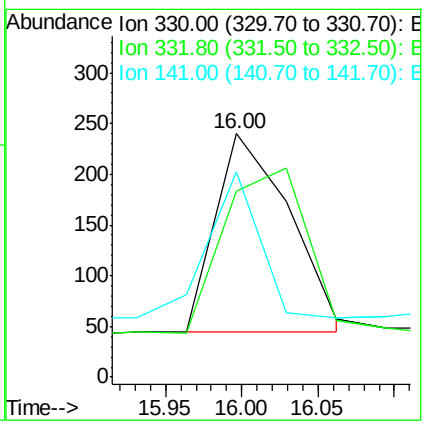


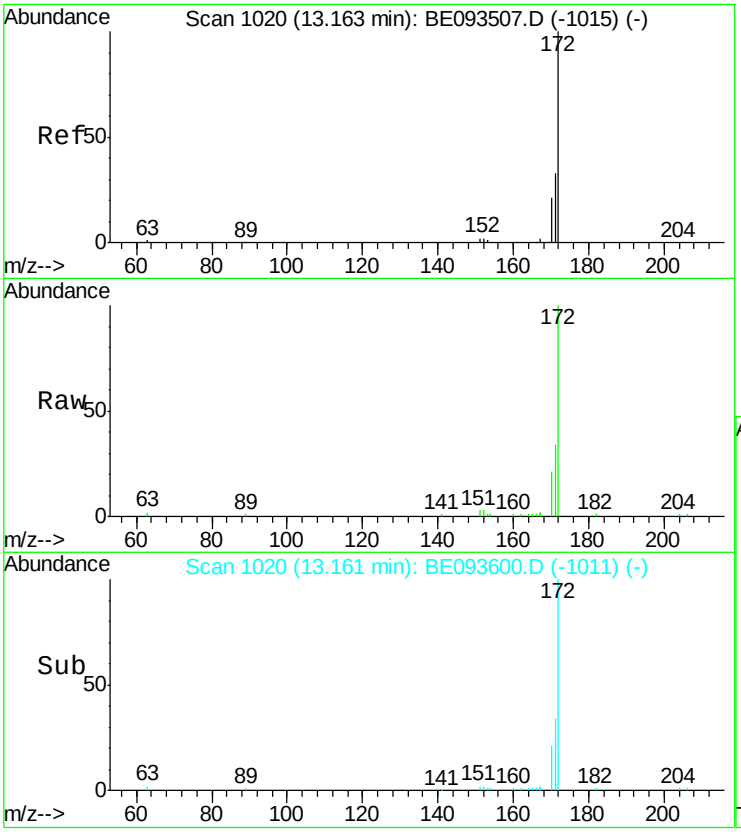


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:330 Resp: 655

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	51.9	56.2	84.4#



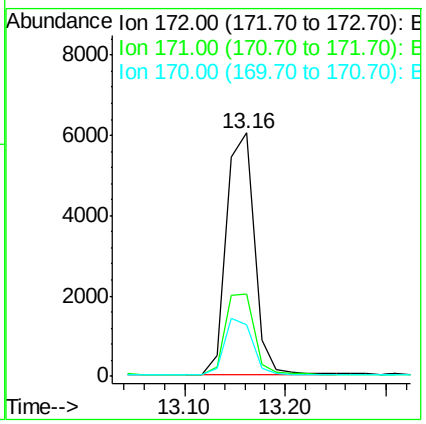


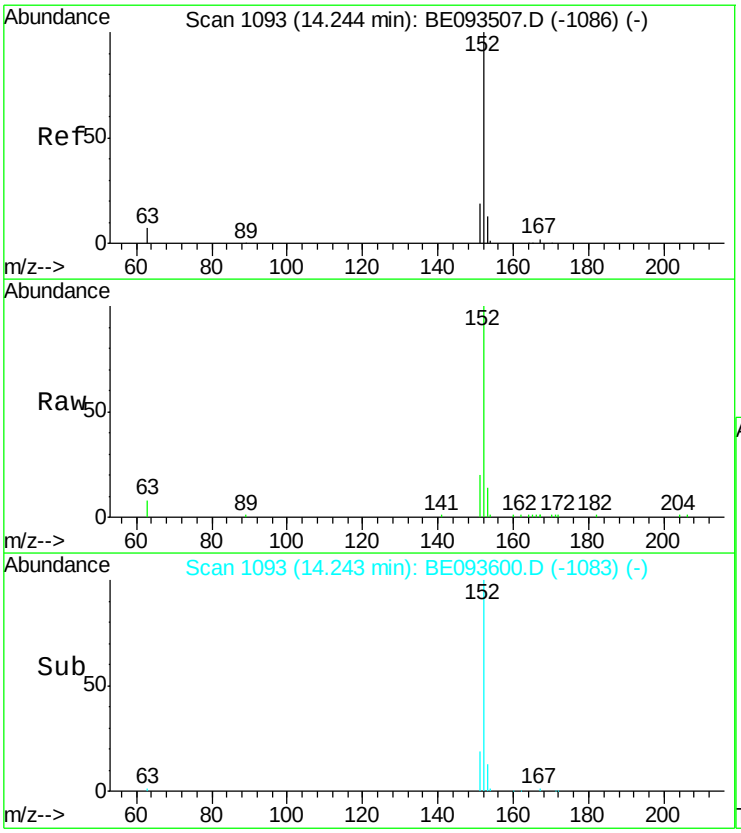
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11573

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.8	44.6
170	21.1	20.7	31.1

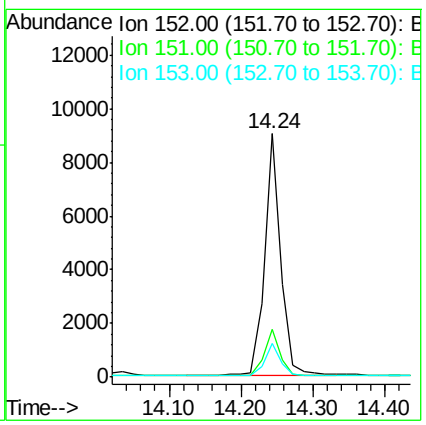


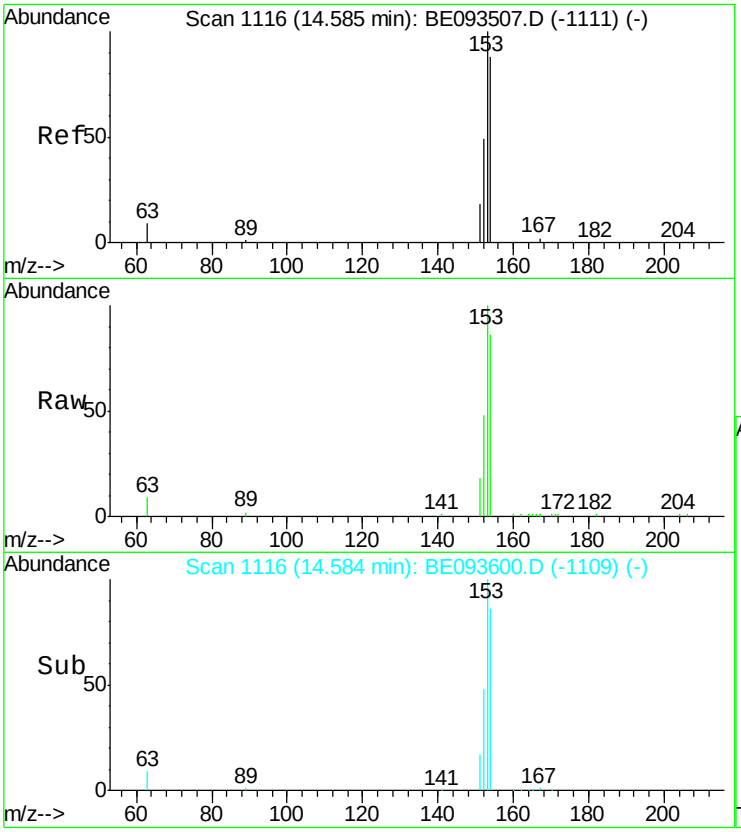


#16
Acenaphthylene
Concen: 0.425 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:152 Resp: 14302

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	13.1	10.3	15.5



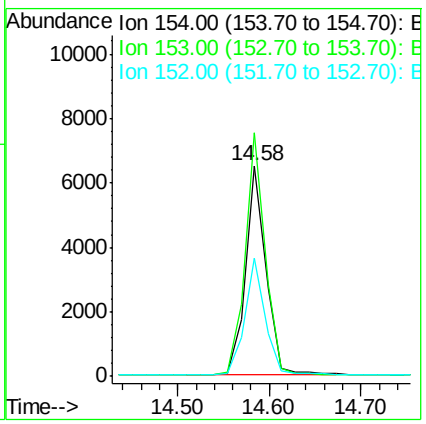


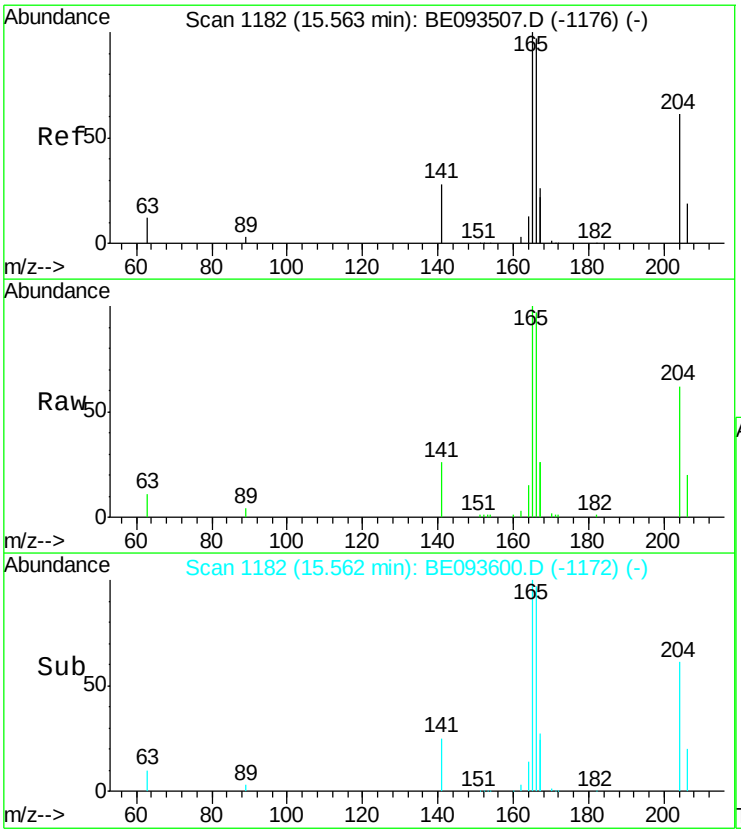
#17
Acenaphthene
Concen: 0.438 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10019

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	54.9	44.8	67.2

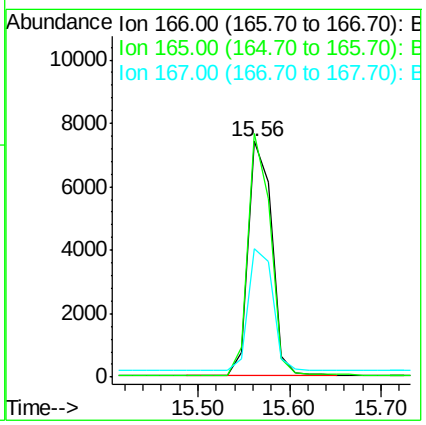


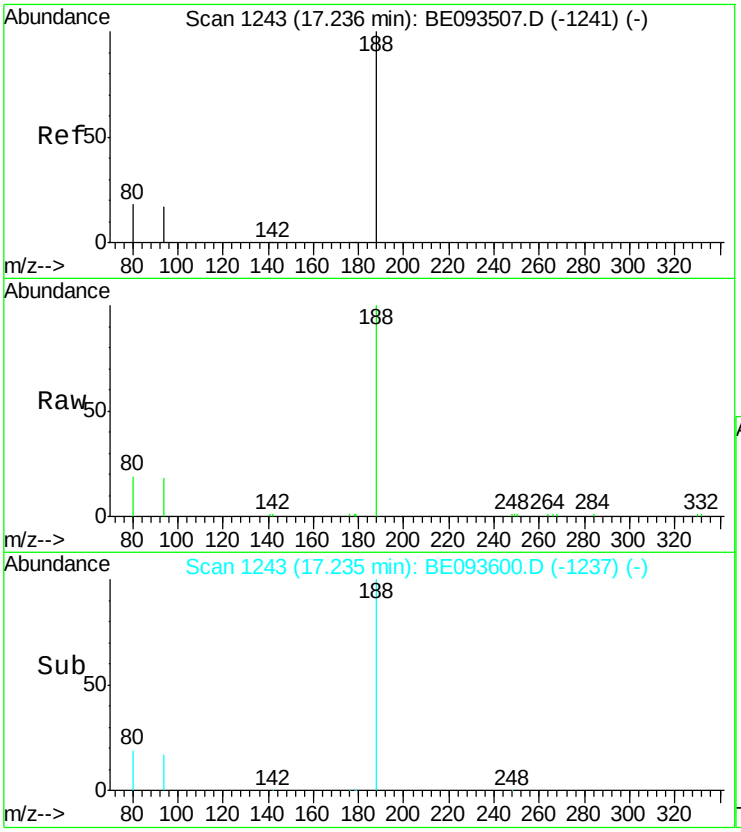


#18
Fluorene
Concen: 0.414 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:166 Resp: 13340

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	54.2	11.1	16.7#



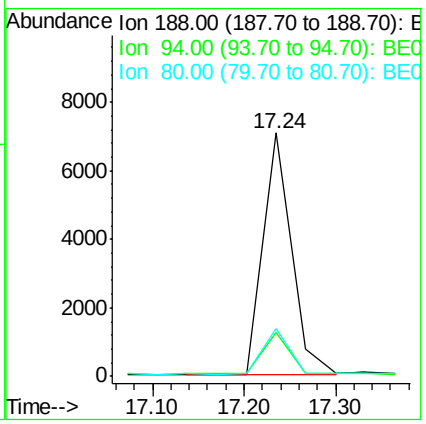


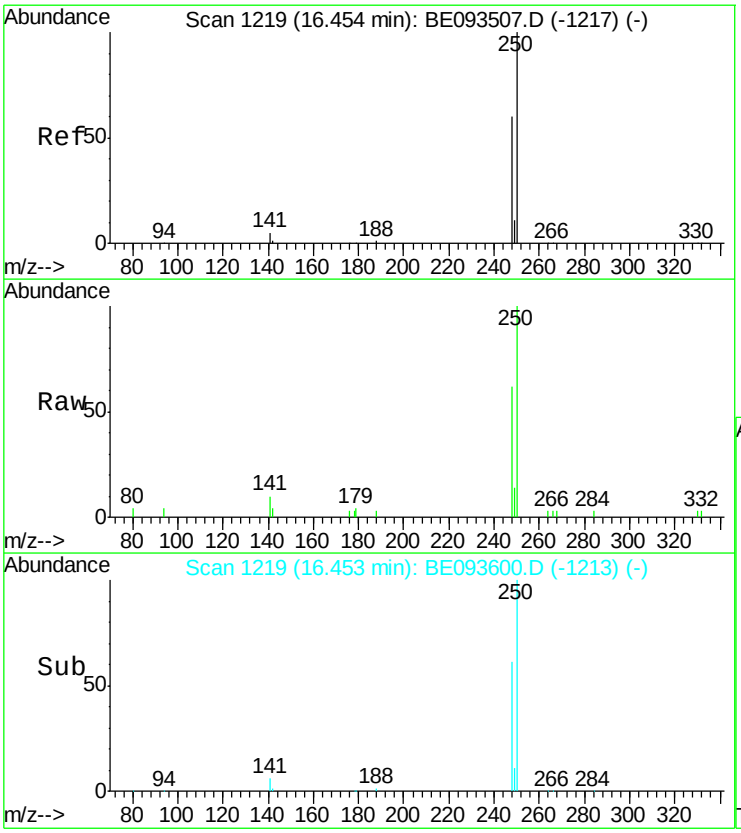
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15326

Ion	Ratio	Lower	Upper
188	100		
94	18.1	11.3	16.9#
80	19.5	11.7	17.5#

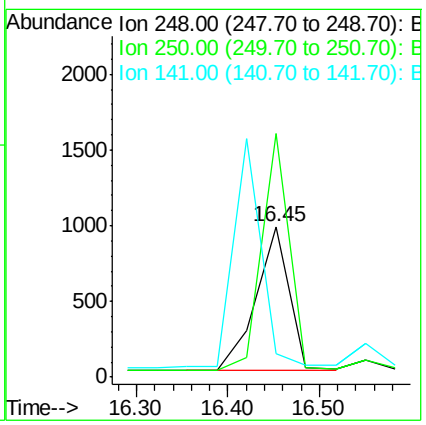


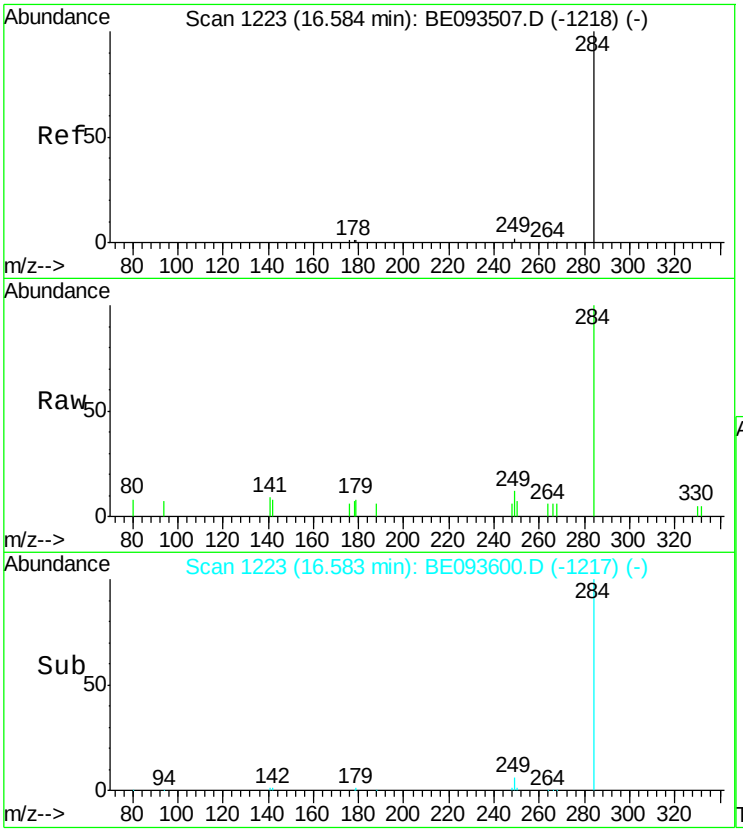


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:248 Resp: 2412

Ion	Ratio	Lower	Upper
248	100		
250	161.6	128.0	192.0
141	15.6	12.0	18.0



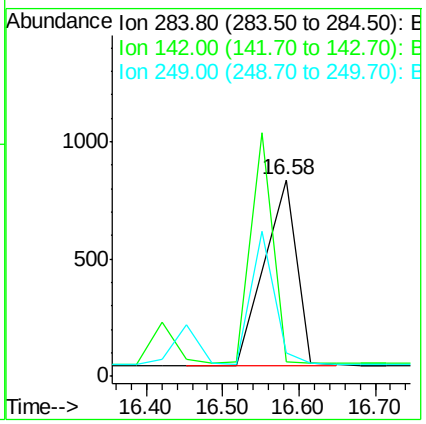


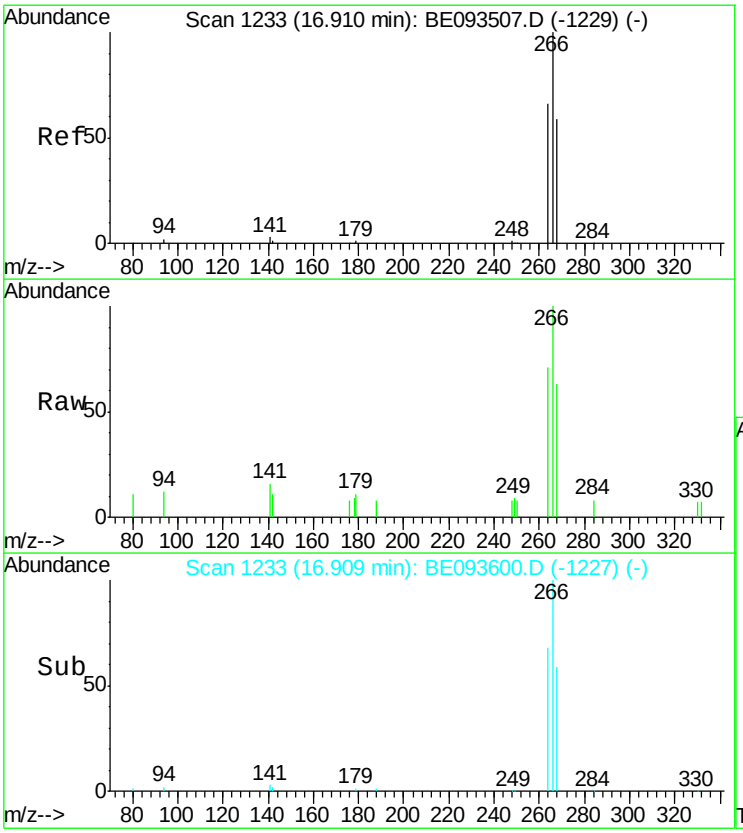
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2361

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

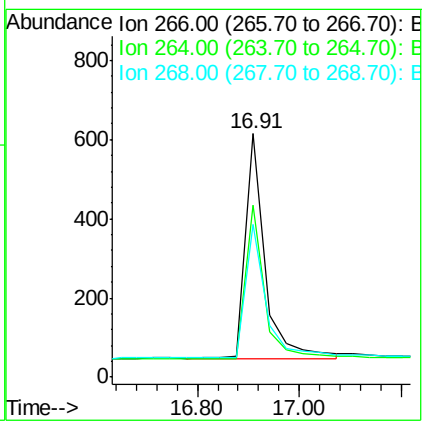


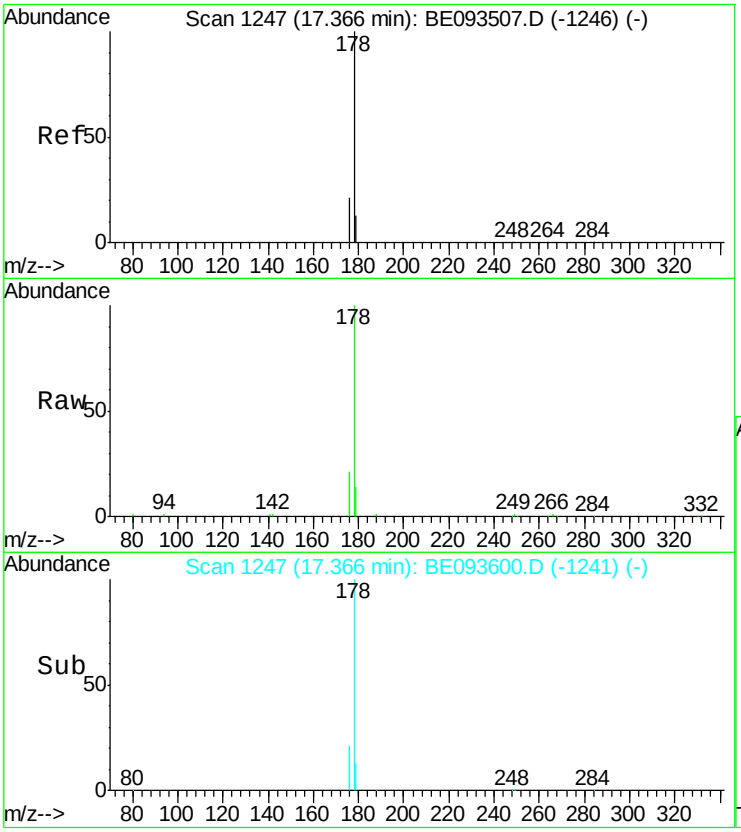


#22
Pentachlorophenol
Concen: 0.522 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:266 Resp: 1514

Ion	Ratio	Lower	Upper
266	100		
264	70.6	56.0	84.0
268	62.6	52.0	78.0



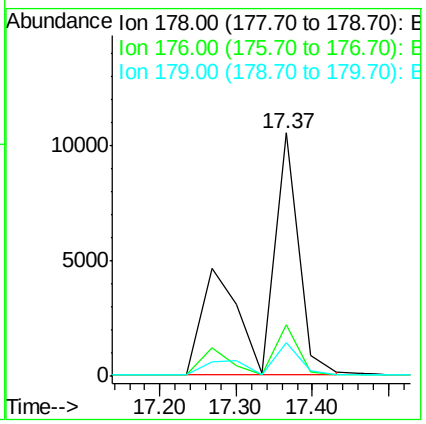


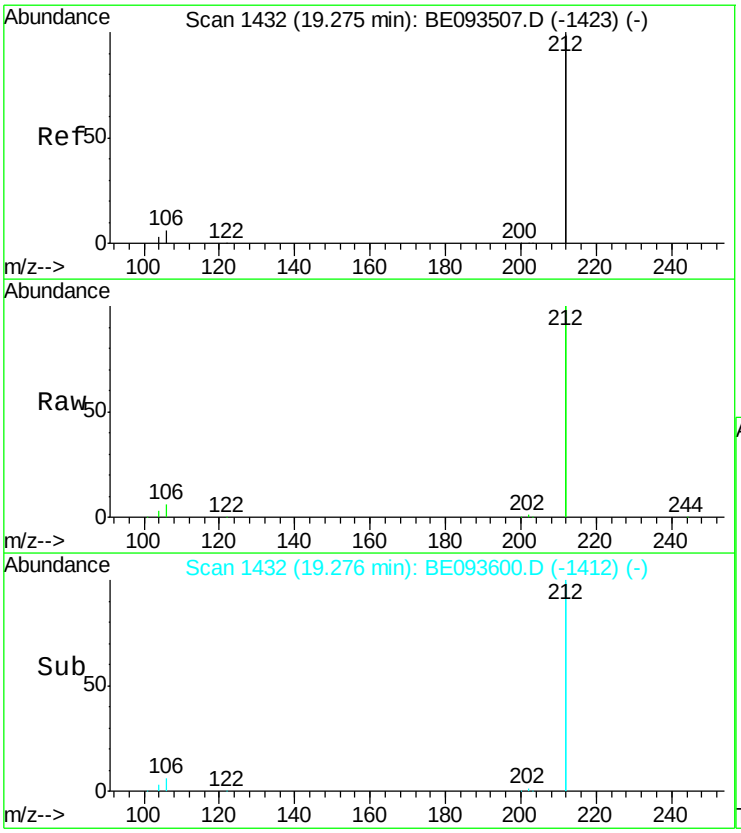
#24
Anthracene
Concen: 0.707 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 37579

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	22.0
179	14.2	12.0	18.0

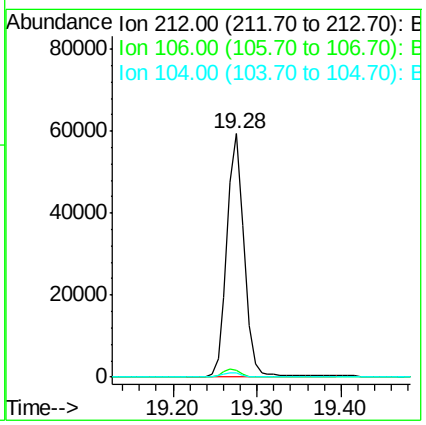


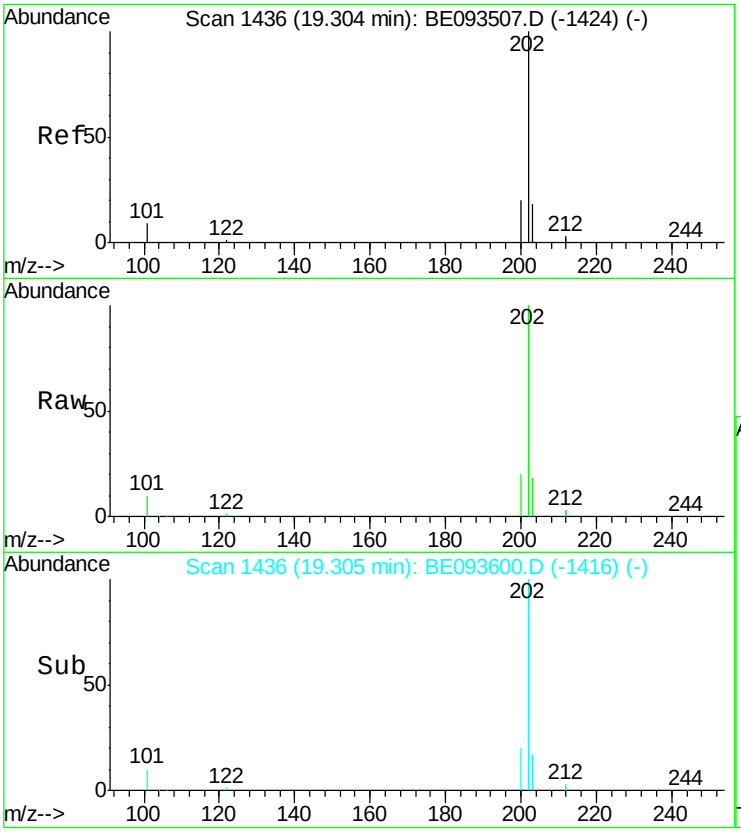


#25
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.28 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:212 Resp: 82745

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



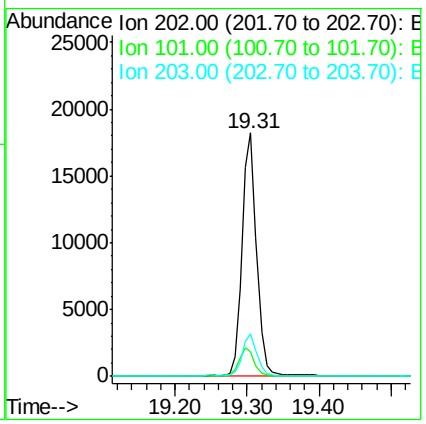


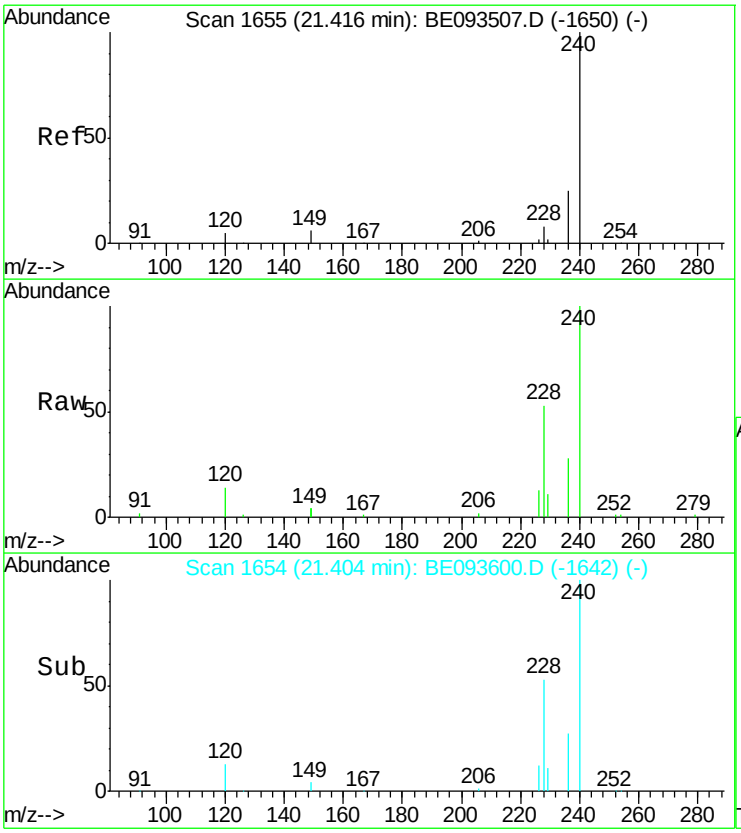
#26
Fluoranthene
Concen: 0.341 ng
RT: 19.31 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25309

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.1	14.4	21.6

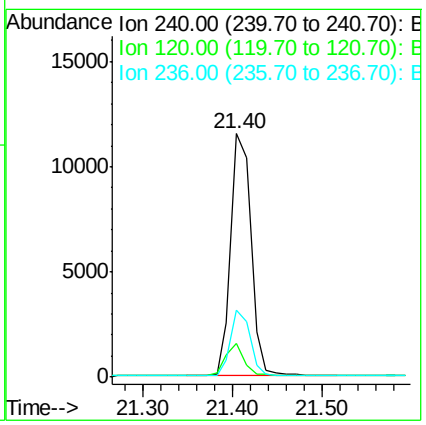


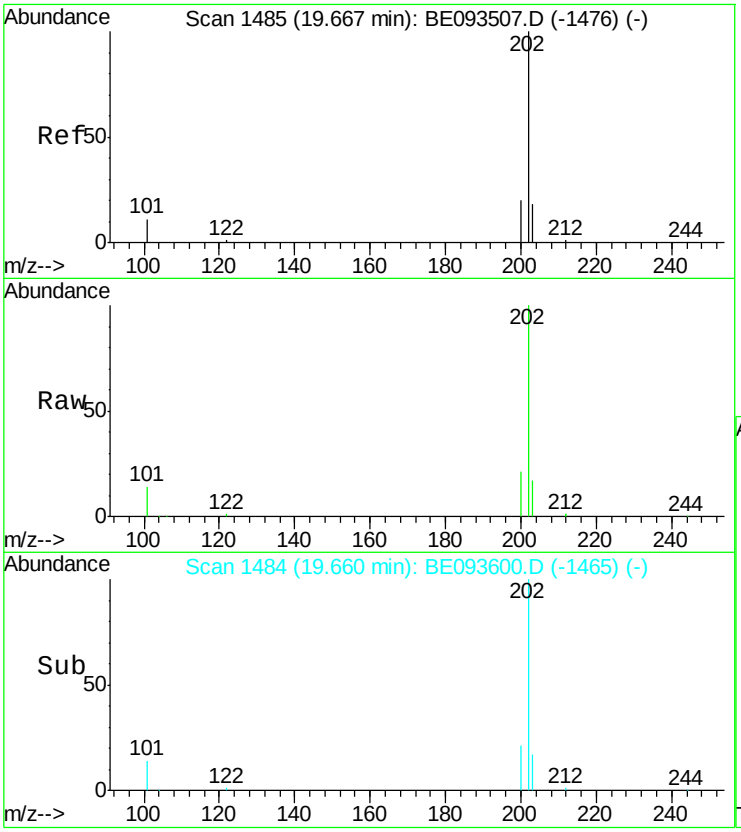


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:240 Resp: 18177

Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	27.7	20.8	31.2



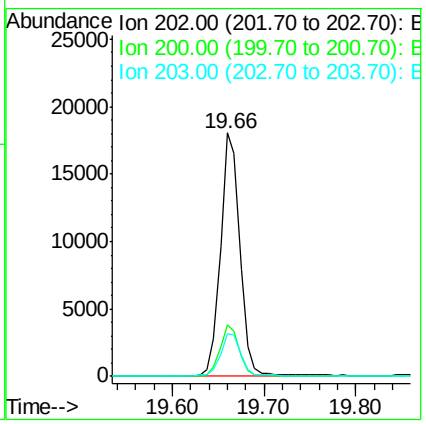


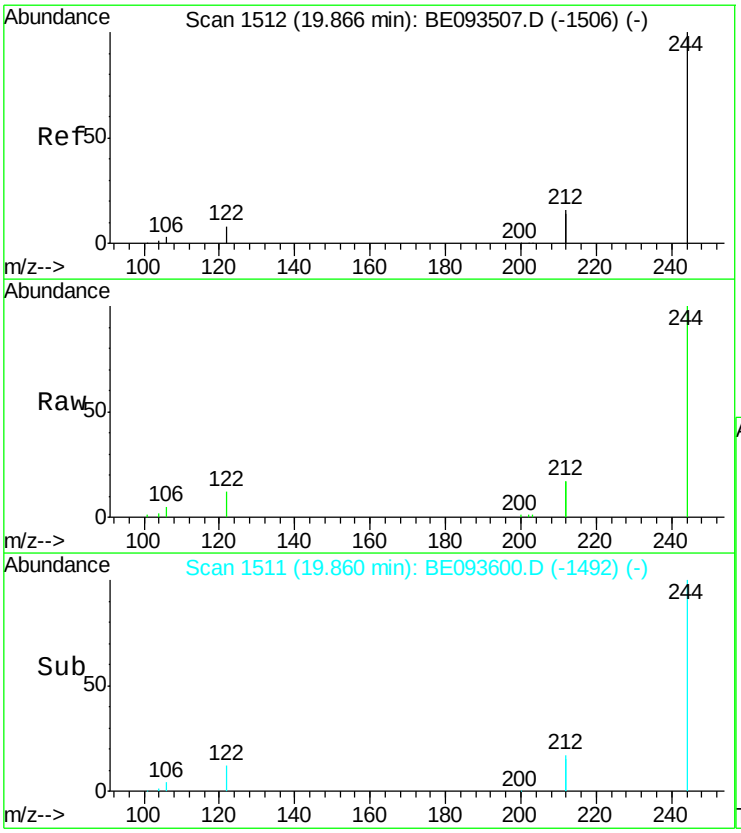
#28
Pyrene
Concen: 0.441 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25982

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	0.0#
203	17.6	13.7	20.5

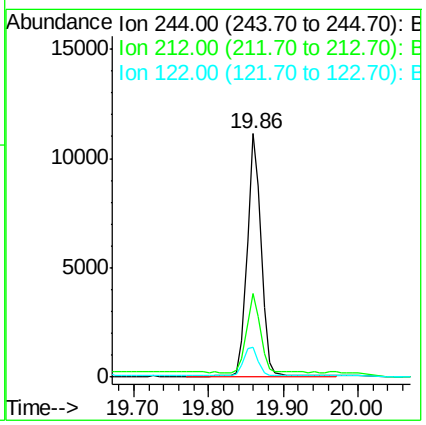


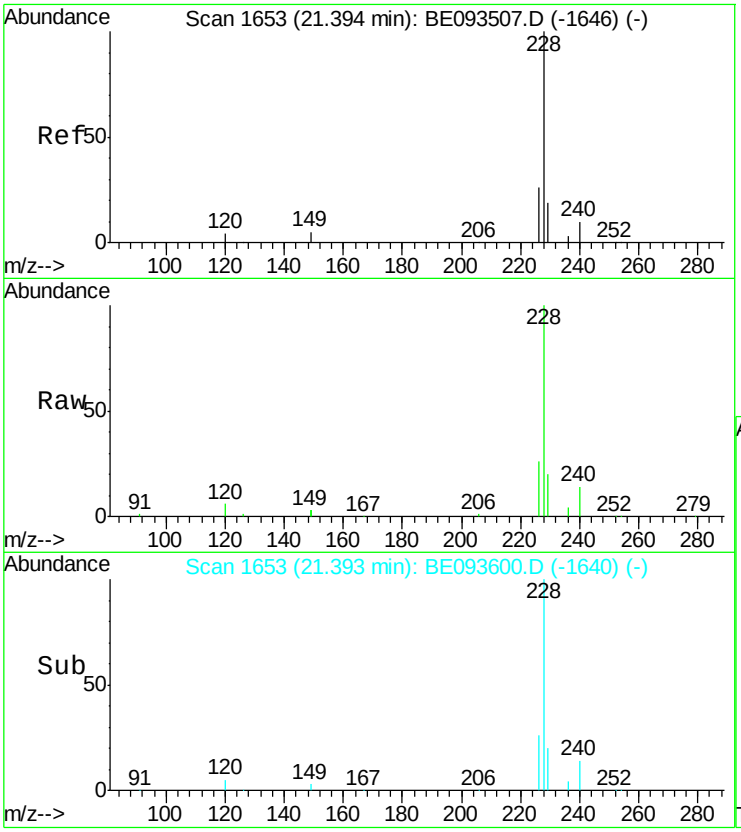


#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:244 Resp: 14207

Ion	Ratio	Lower	Upper
244	100		
212	34.1	10.6	16.0#
122	12.5	15.4	23.0#



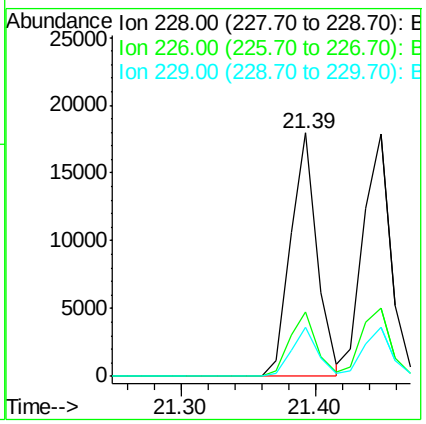


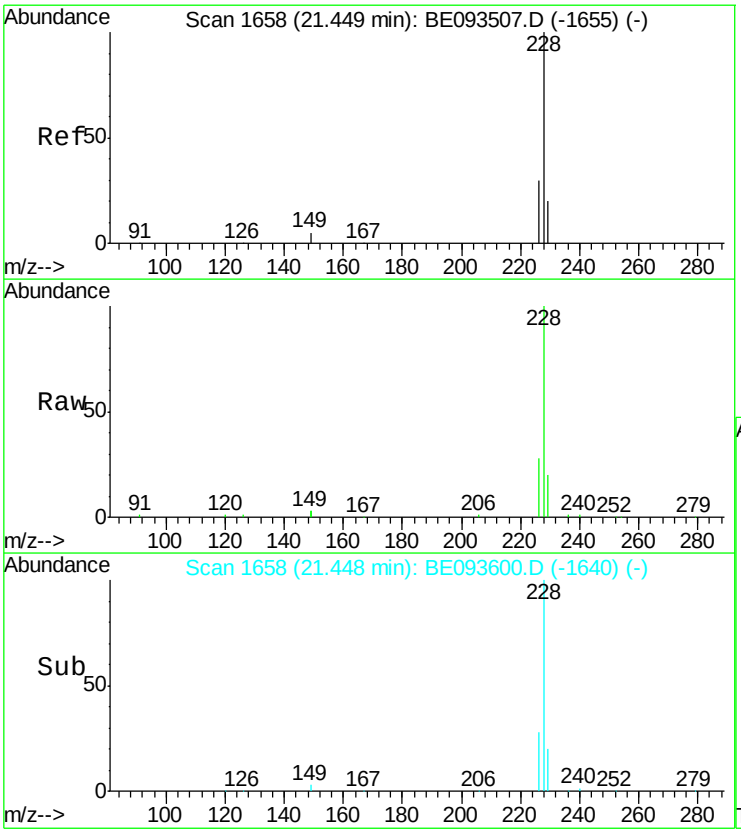
#30
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24367

Ion	Ratio	Lower	Upper
228	100		
226	26.3	19.7	29.5
229	20.2	19.2	28.8

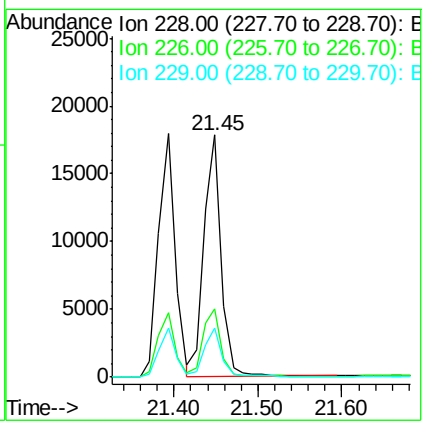


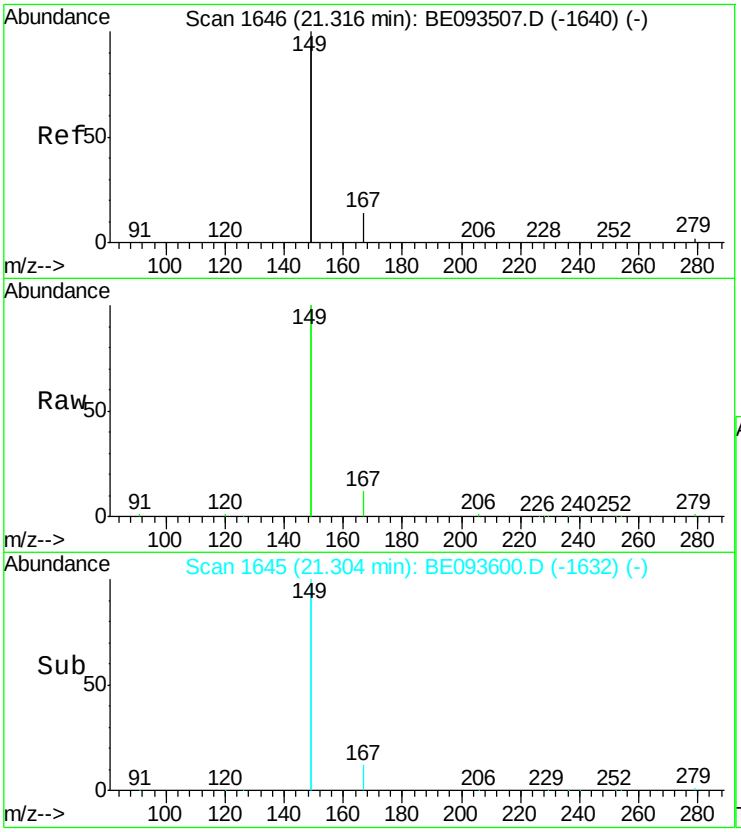


#31
Chrysene
Concen: 0.443 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:228 Resp: 25654

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.5	32.3
229	20.2	18.6	28.0



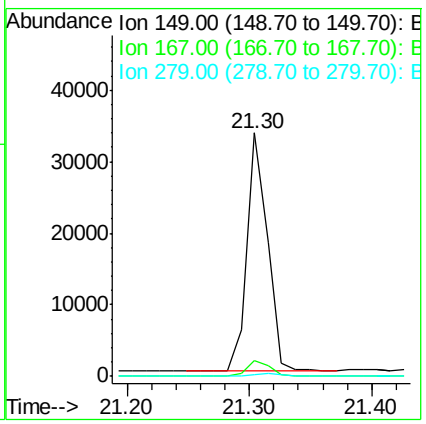


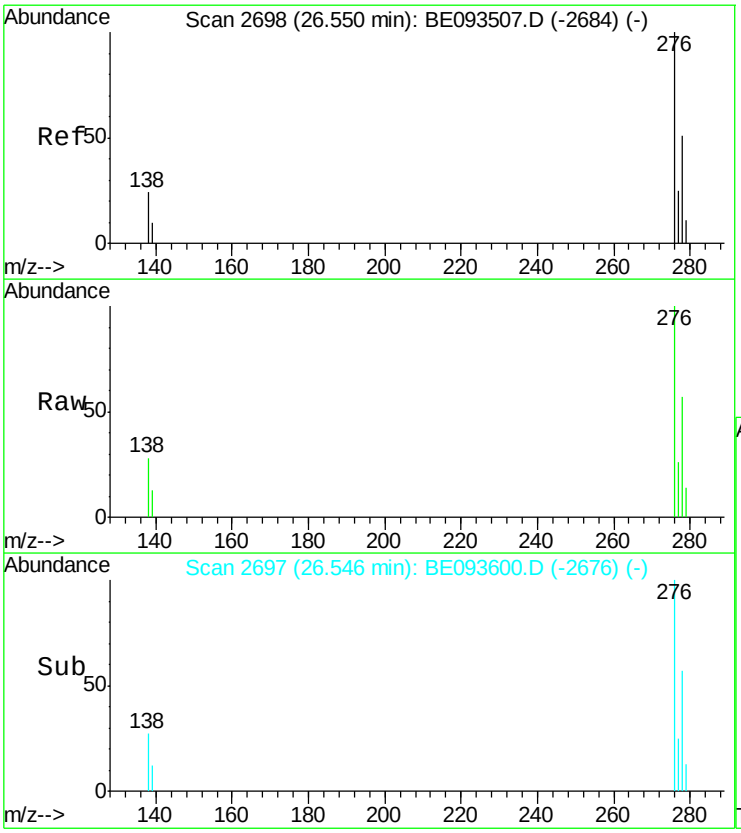
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 39002

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	1.0	0.8	1.2

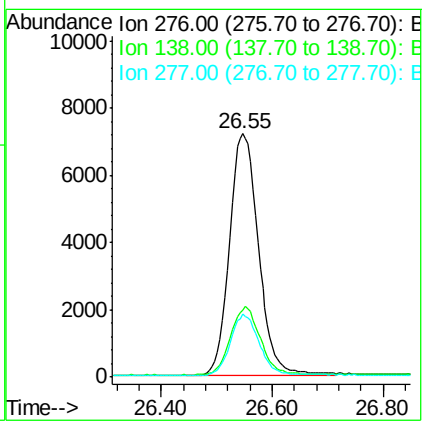


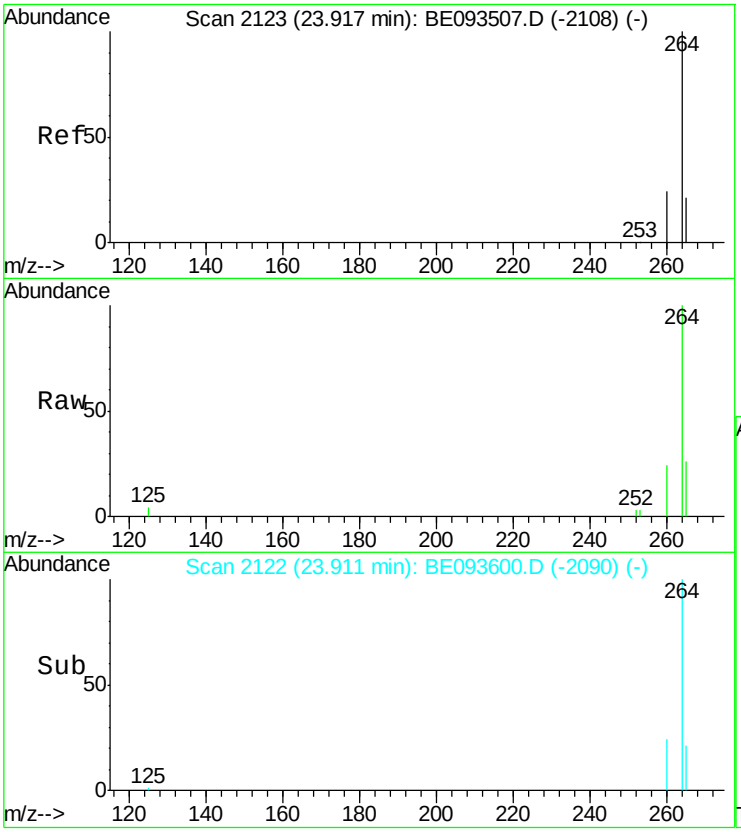


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng
RT: 26.55 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:276 Resp: 26228

Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.4	41.2
277	24.8	20.1	30.1



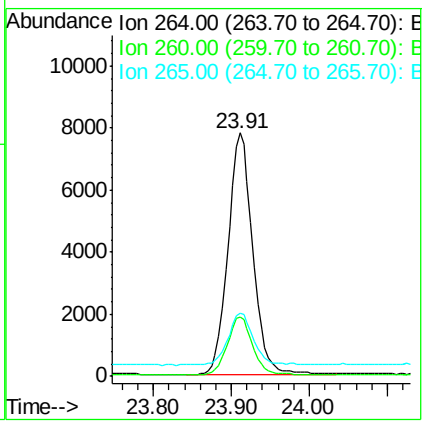


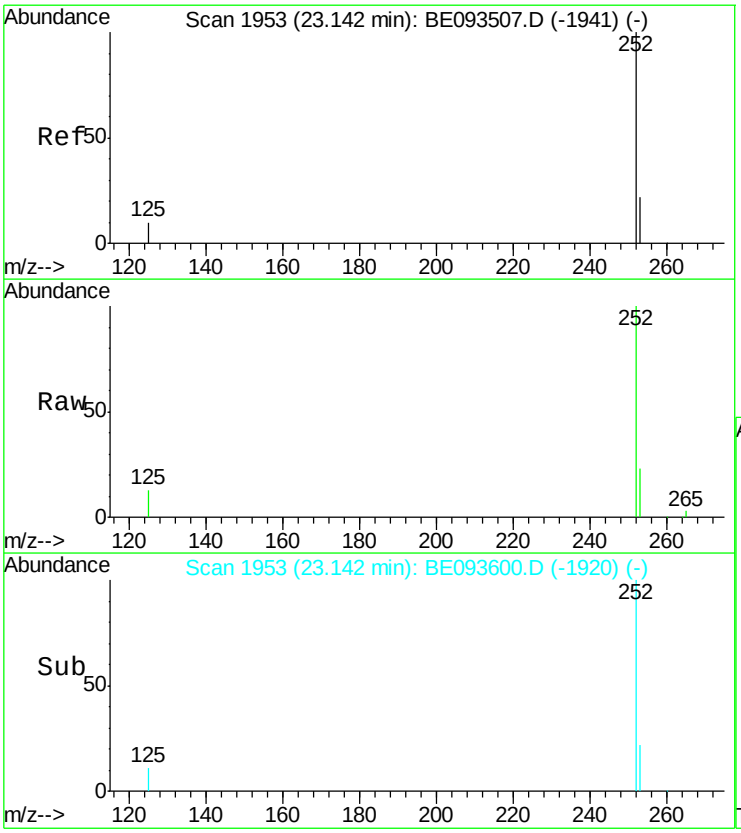
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 17138

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.0	31.4
265	25.7	24.6	36.8

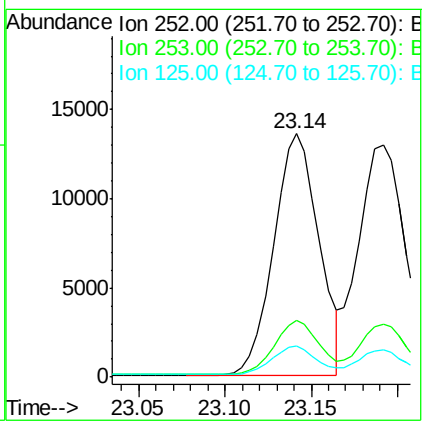


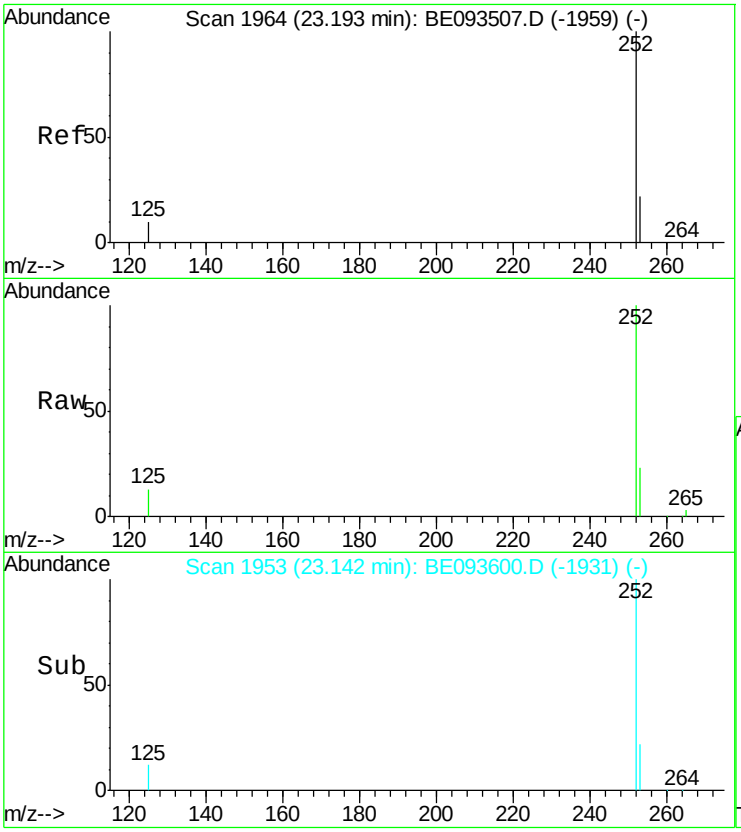


#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:252 Resp: 24632

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.5	13.4	20.0#



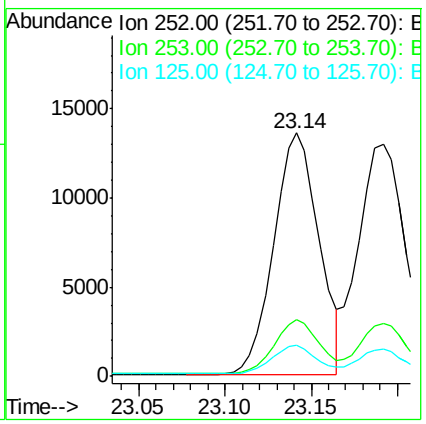


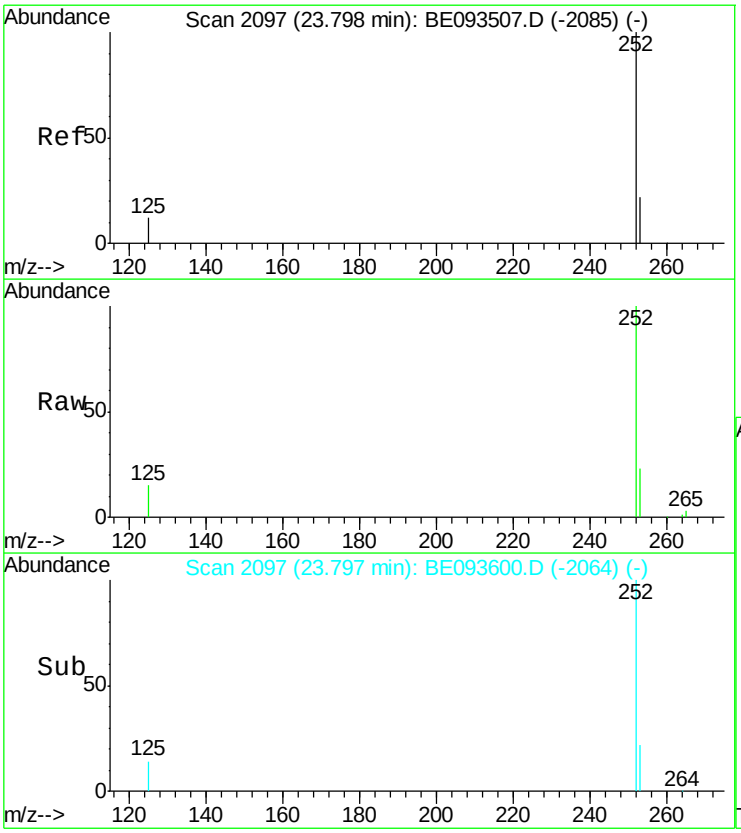
#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24632

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.5	12.2	18.4

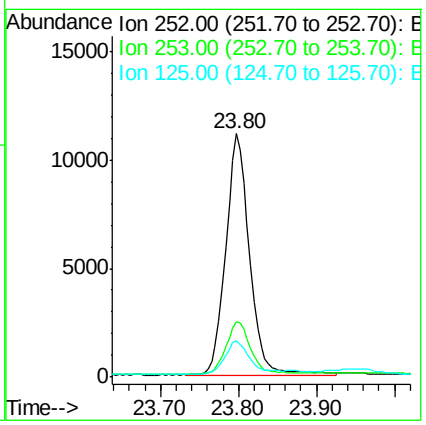


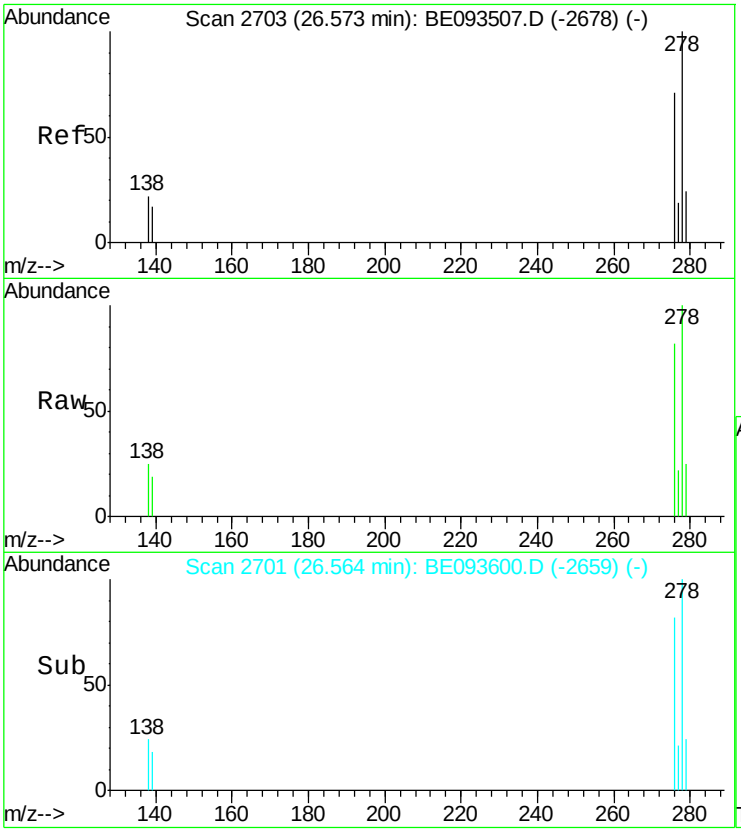


#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:252 Resp: 23465

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	15.0	14.6	21.8



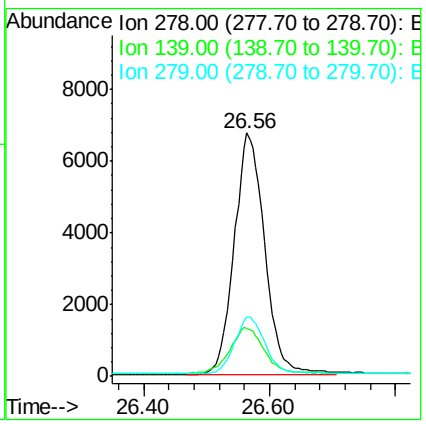


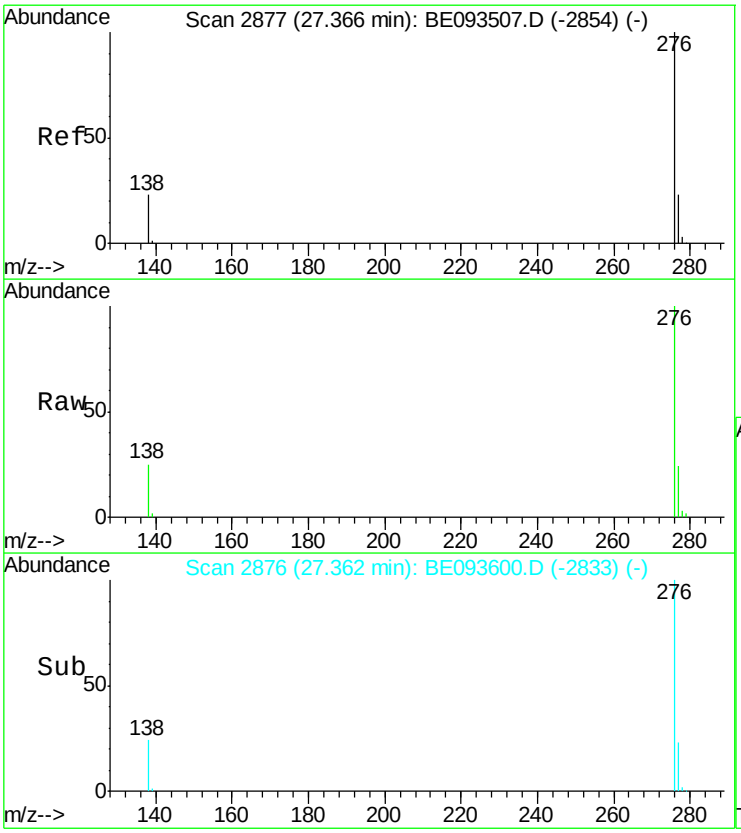
#38
Dibenzo(a,h)anthracene
Concen: 0.427 ng
RT: 26.56 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 22565

Ion	Ratio	Lower	Upper
278	100		
139	19.4	21.4	32.0#
279	24.5	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093600.D
Acq: 26 Jul 2017 11:41

Tgt Ion:276 Resp: 21889

Ion	Ratio	Lower	Upper
276	100		
277	24.0	21.2	31.8
138	25.1	24.5	36.7