Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
Data File : BE093631.D
Acq On : 2 Aug 2017 18:05
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 03 02:47:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2332	0.40	ng		-0.01
7) Naphthalene-d8	10.71	136	11305	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	6590	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	18493	0.40	ng		0.00
27) Chrysene-d12	21.40	240	18999	0.40	ng		-0.01
34) Perylene-d12	23.91	264	17195	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	2898	0.42	ng		0.00
5) Phenol-d6	7.09	99	4271	0.41	ng		-0.01
8) Nitrobenzene-d5	9.06	82	3394	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	7159	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	643	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	10476	0.40	ng		-0.02
25) Fluoranthene-d10	19.27	212	76612	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	13375	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1652	0.437	ng		96
3) n-Nitrosodimethylamine	3.74	42	1310	0.370	ng		91
6) bis(2-Chloroethyl)ether	7.34	93	3425	0.389	ng	#	99
9) Naphthalene	10.76	128	51220	0.391	ng		100
10) Hexachlorobutadiene	11.04	225	1903	0.392	ng		99
12) 2-Methylnaphthalene	12.36	142	8593	0.397	ng		97
16) Acenaphthylene	14.24	152	12648	0.402	ng	#	87
17) Acenaphthene	14.58	154	8845	0.398	ng		100
18) Fluorene	15.56	166	12070	0.406	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	1930	0.326	ng	#	92
21) Hexachlorobenzene	16.55	284	2173	0.377	ng	#	100
22) Pentachlorophenol	16.91	266	1113	0.459	ng		98
24) Anthracene	17.37	178	37040	0.666	ng	#	91
26) Fluoranthene	19.30	202	23831	0.368	ng		99
28) Pyrene	19.66	202	24034	0.392	ng	#	99
30) Benzo(a)anthracene	21.39	228	23088	0.413	ng		95
31) Chrysene	21.45	228	24413	0.392	ng		95
32) Bis(2-ethylhexyl)phthalate	21.30	149	36242	0.476	ng		98
33) Indeno(1,2,3-cd)pyrene	26.54	276	24116	0.428	ng		94
35) Benzo(b)fluoranthene	23.14	252	22823	0.372	ng	#	95
36) Benzo(k)fluoranthene	23.19	252	23273	0.371	ng	#	93
37) Benzo(a)pyrene	23.80	252	21714	0.391	ng		95
38) Dibenzo(a,h)anthracene	26.57	278	20627	0.384	ng	#	91
39) Benzo(g,h,i)perylene	27.36	276	20195	0.371	ng		91

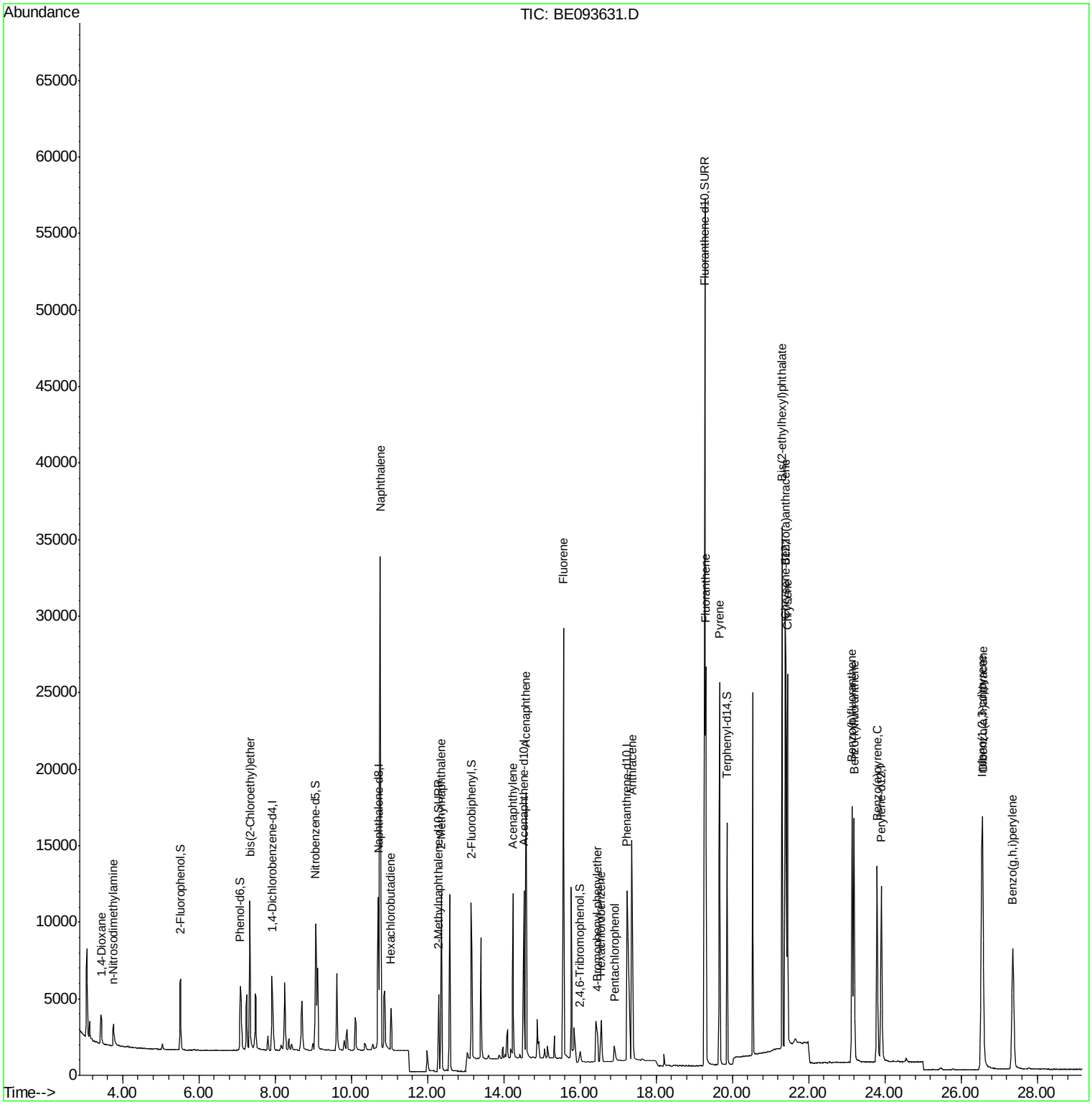
(#) = qualifier out of range (m) = manual integration (+) = signals summed

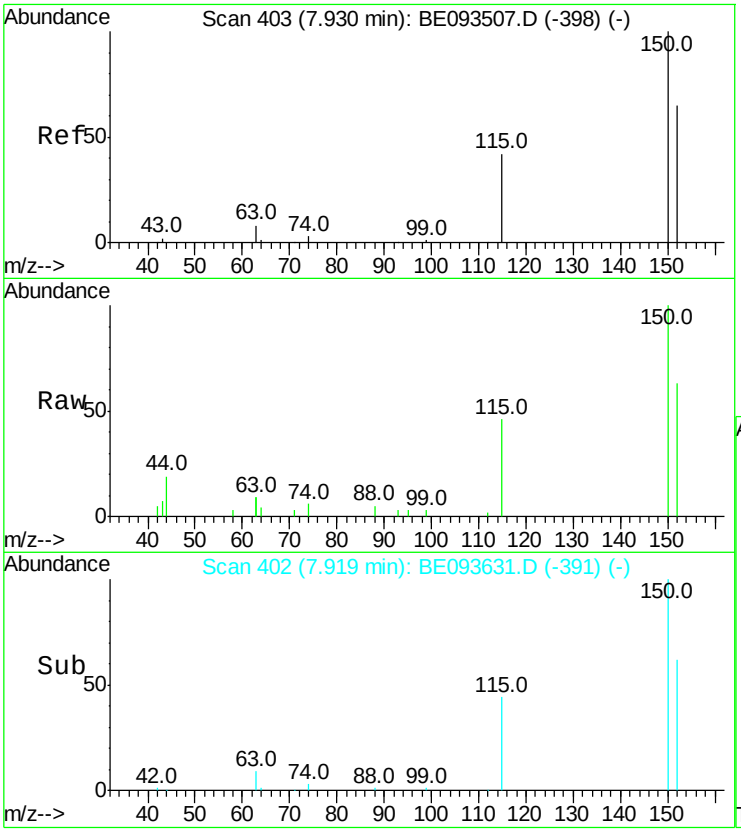
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
Data File : BE093631.D
Acq On : 2 Aug 2017 18:05
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 03 02:47:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration



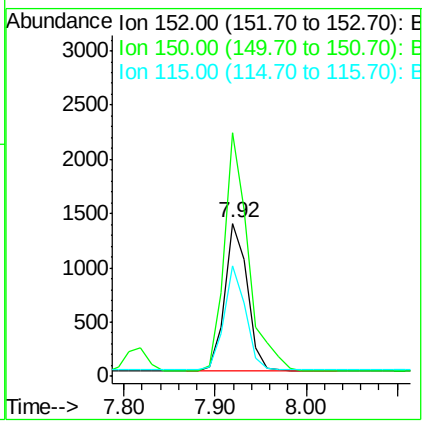


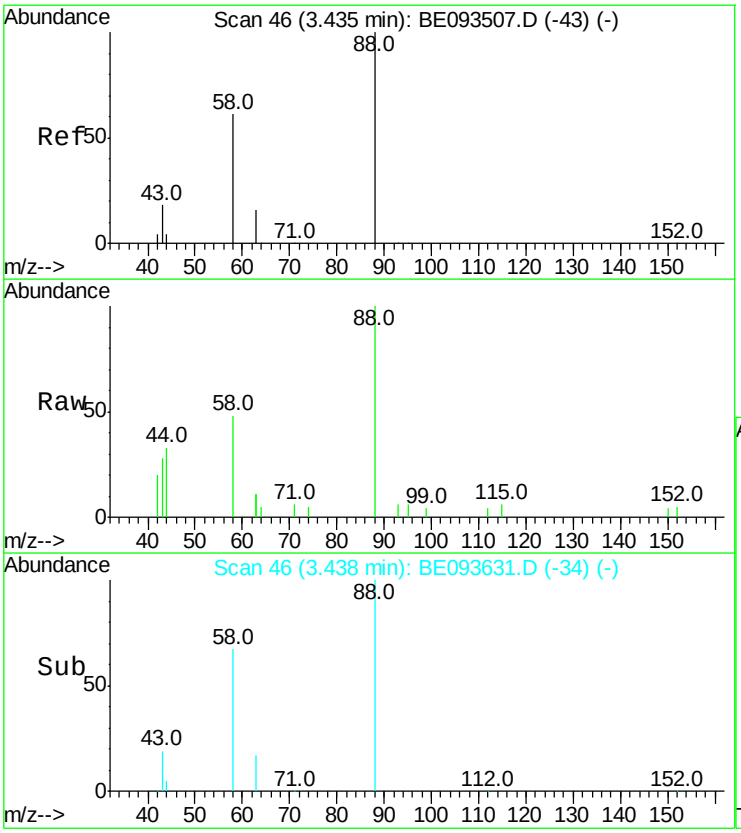
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2332

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.1	187.7
115	72.4	55.7	83.5

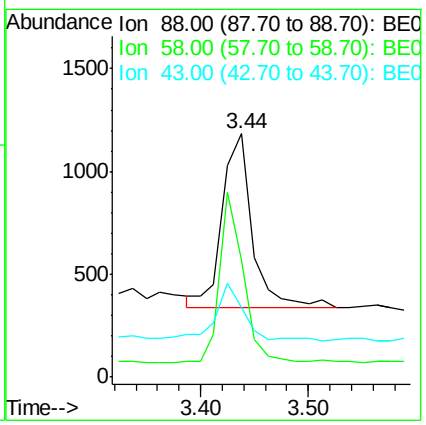


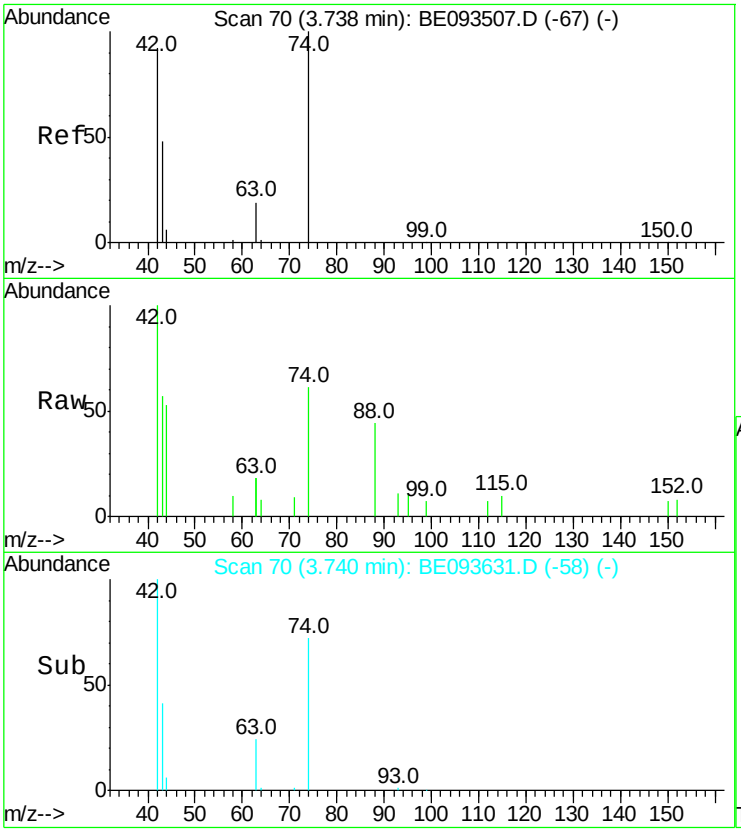


#2
1,4-Dioxane
Concen: 0.437 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion: 88 Resp: 1652

Ion	Ratio	Lower	Upper
88	100		
58	75.5	62.2	93.4
43	32.6	23.2	34.8



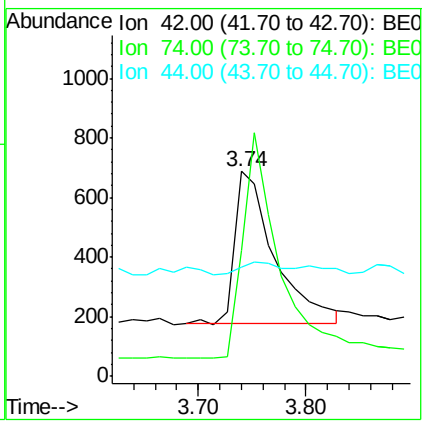


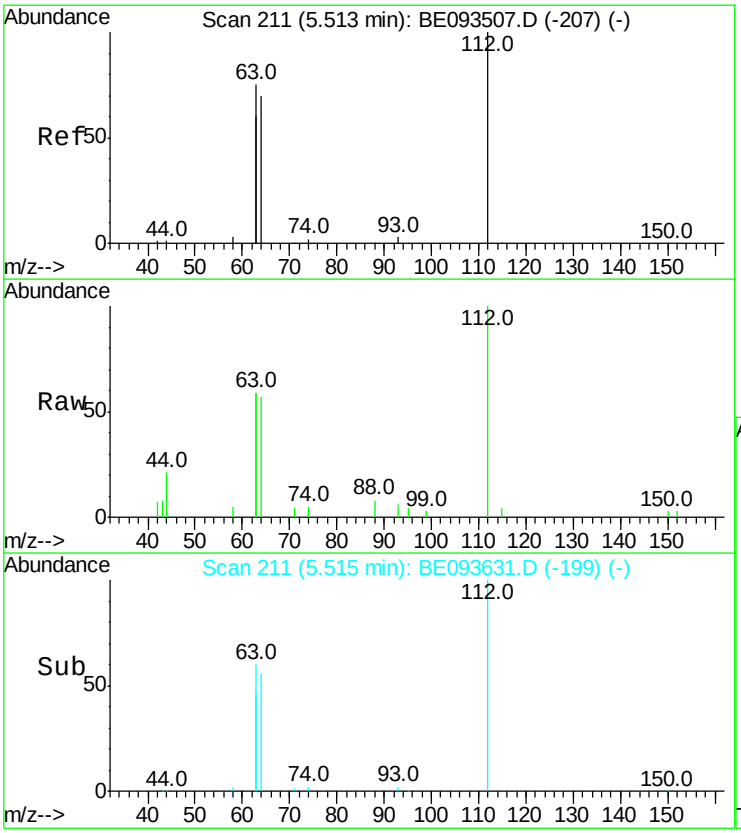
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1310

Ion	Ratio	Lower	Upper
42	100		
74	135.1	99.1	148.7
44	8.9	7.4	11.2

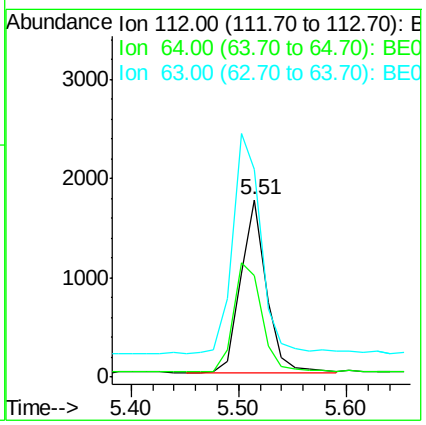


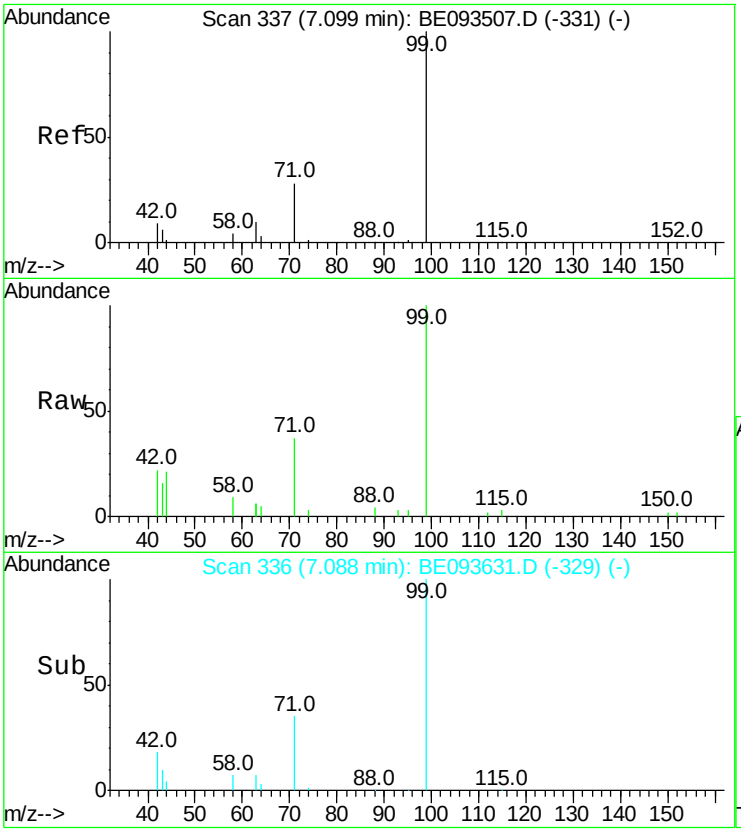


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:112 Resp: 2898

Ion	Ratio	Lower	Upper
112	100		
64	70.2	56.4	84.6
63	140.4	29.3	43.9#



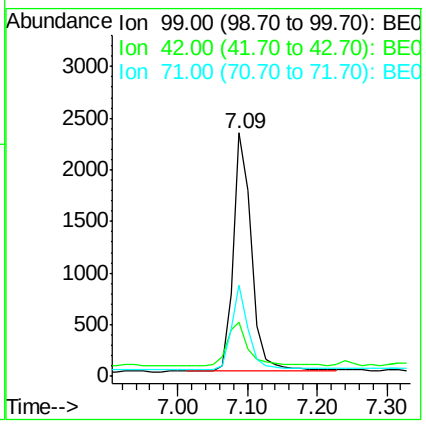


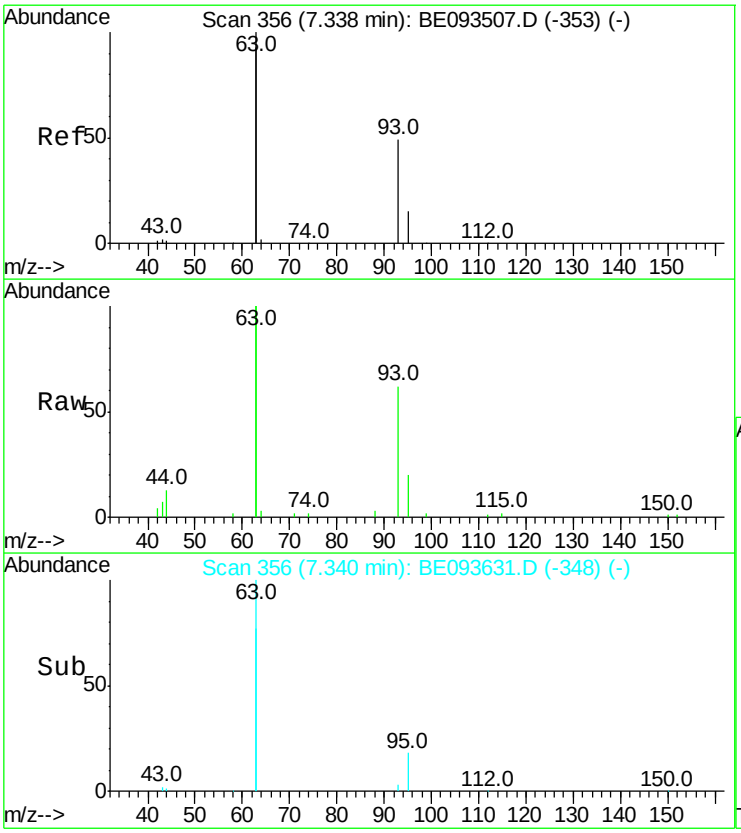
#5
Phenol-d6
Concen: 0.408 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4271

Ion	Ratio	Lower	Upper
99	100		
42	20.3	0.0	0.0#
71	33.2	0.0	0.0#

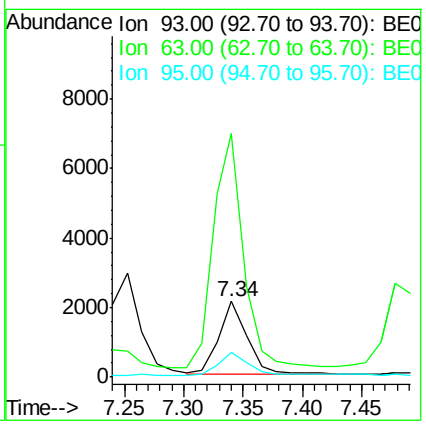


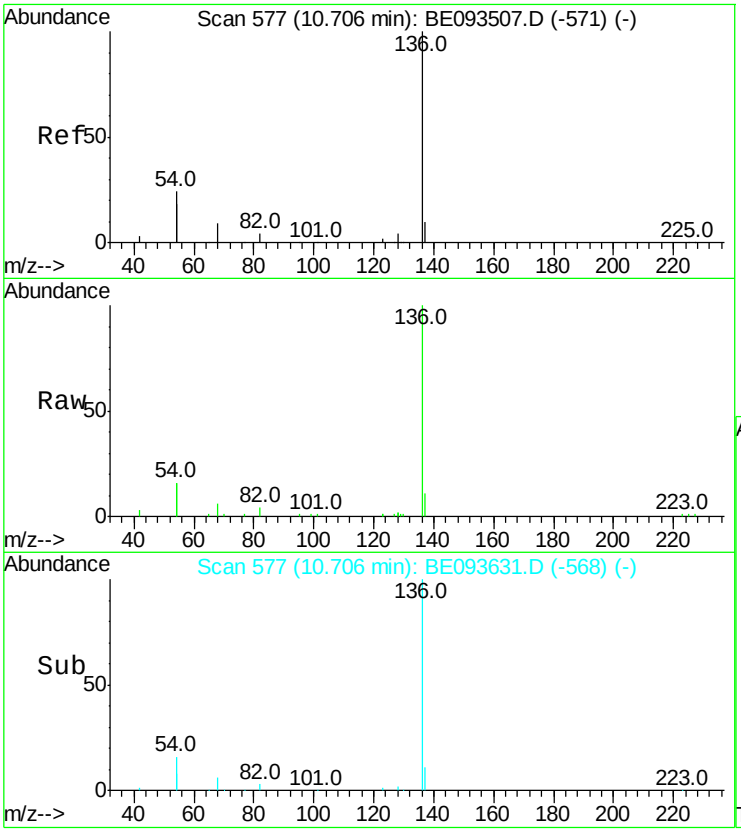


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion: 93 Resp: 3425

Ion	Ratio	Lower	Upper
93	100		
63	345.5	0.0	0.0#
95	32.5	25.4	38.0



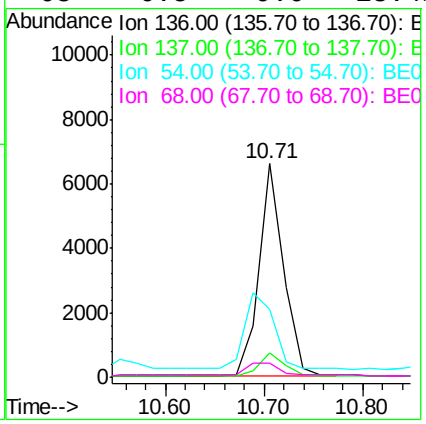


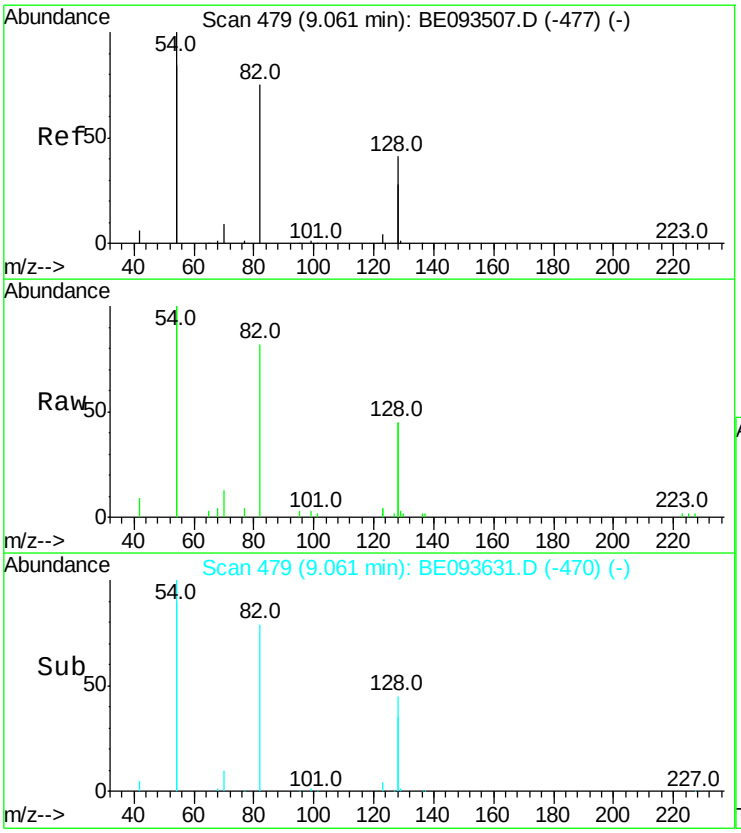
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11305

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	32.1	10.3	15.5#
68	6.5	9.0	13.4#

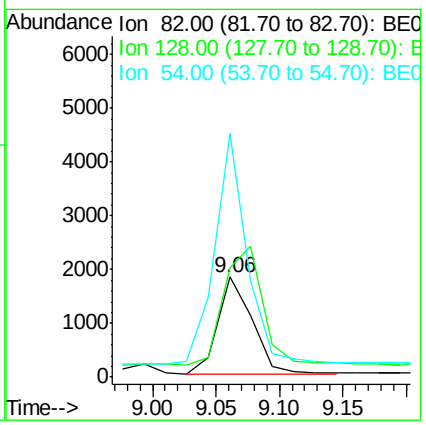


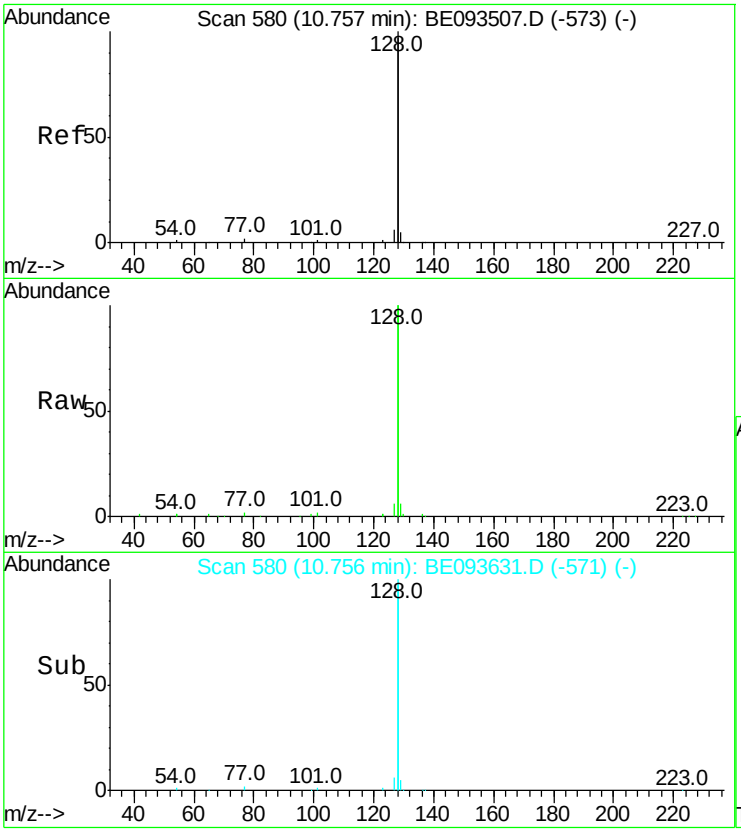


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion: 82 Resp: 3394

Ion	Ratio	Lower	Upper
82	100		
128	108.9	17.0	25.4#
54	244.1	53.8	80.6#



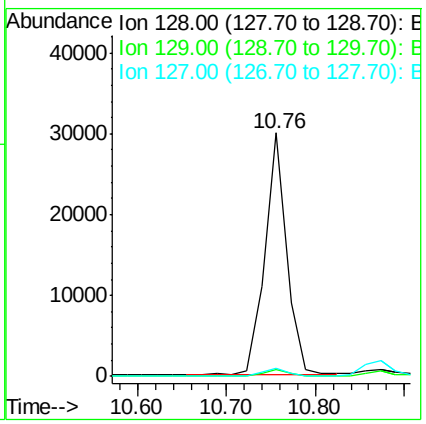


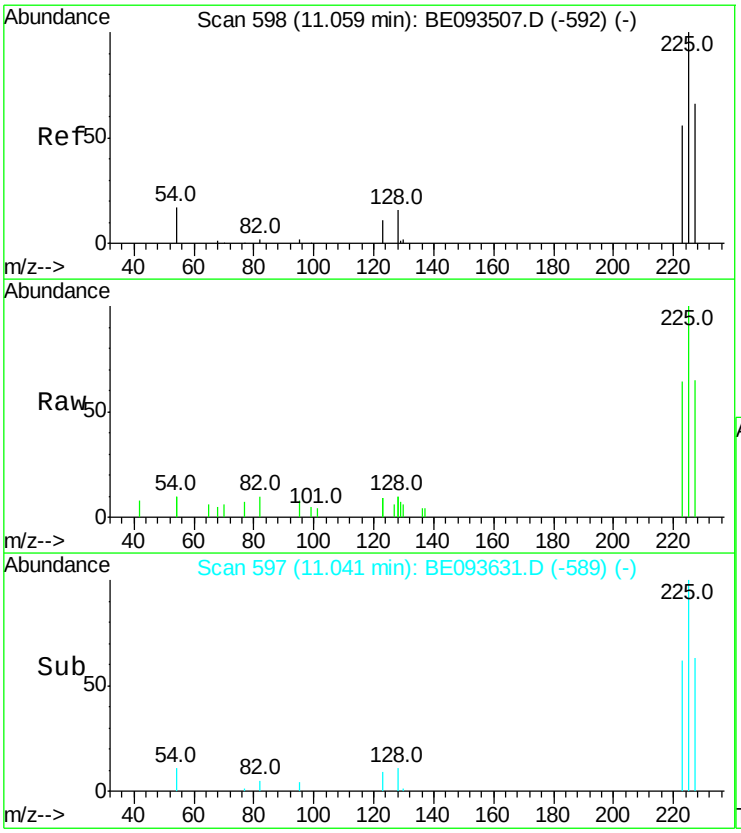
#9
Naphthalene
Concen: 0.391 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 51220

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.1	2.4	3.6

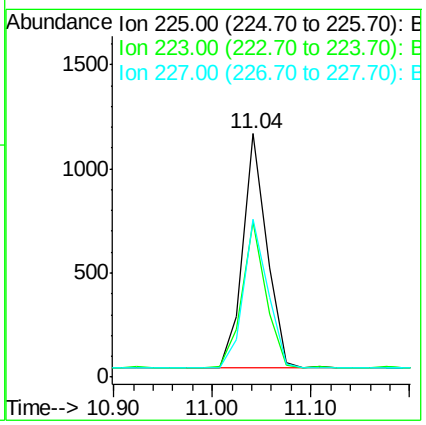


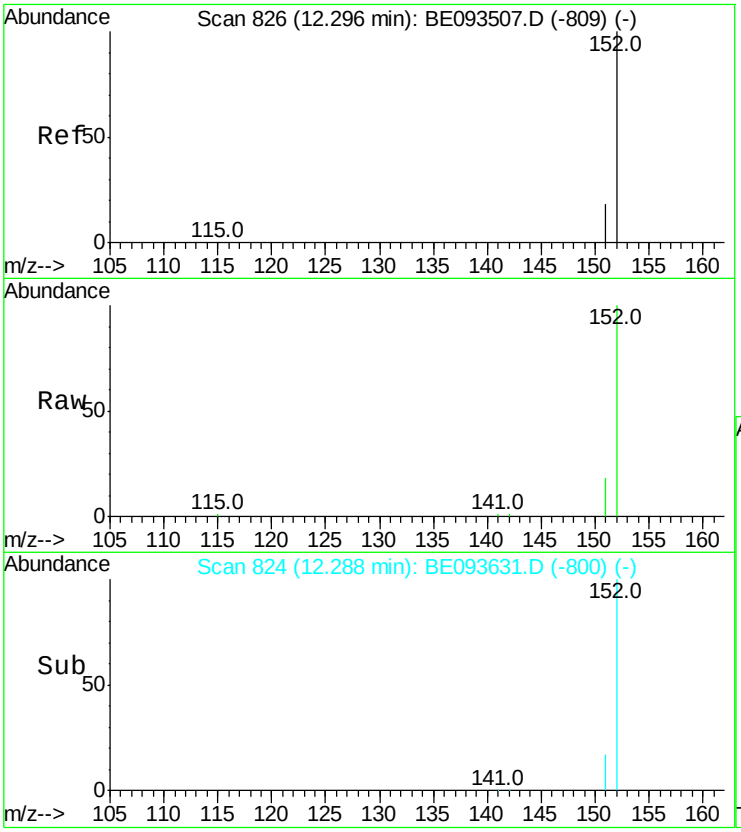


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.02 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:225 Resp: 1903

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	64.4	50.3	75.5



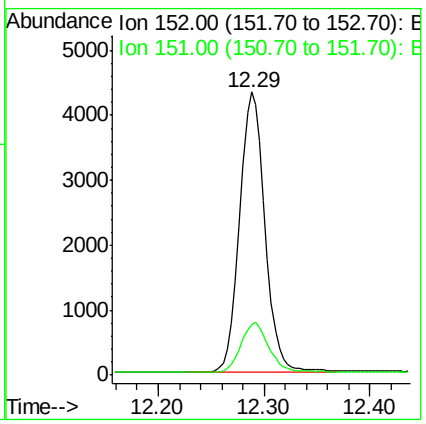


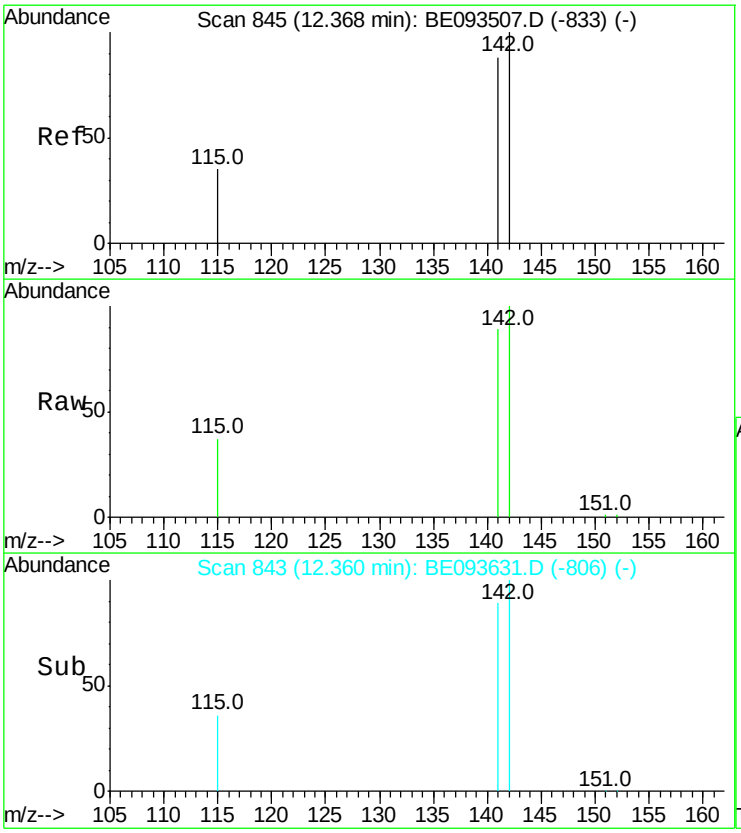
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7159

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

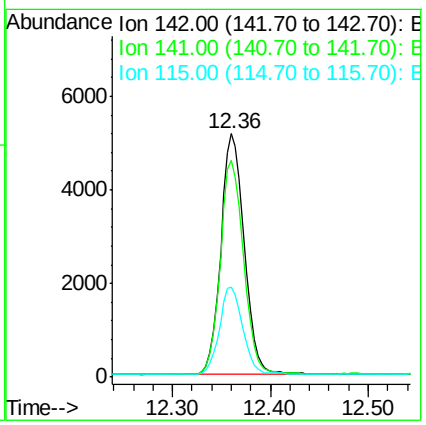


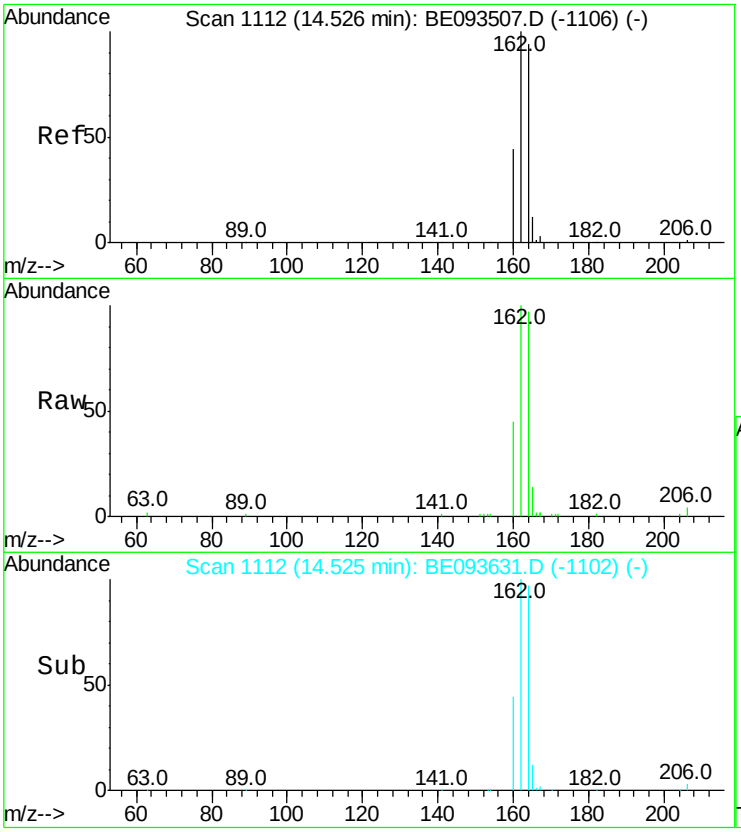


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:142 Resp: 8593

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8
115	37.0	32.2	48.2



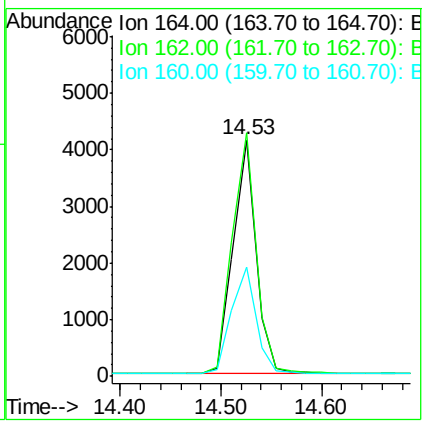


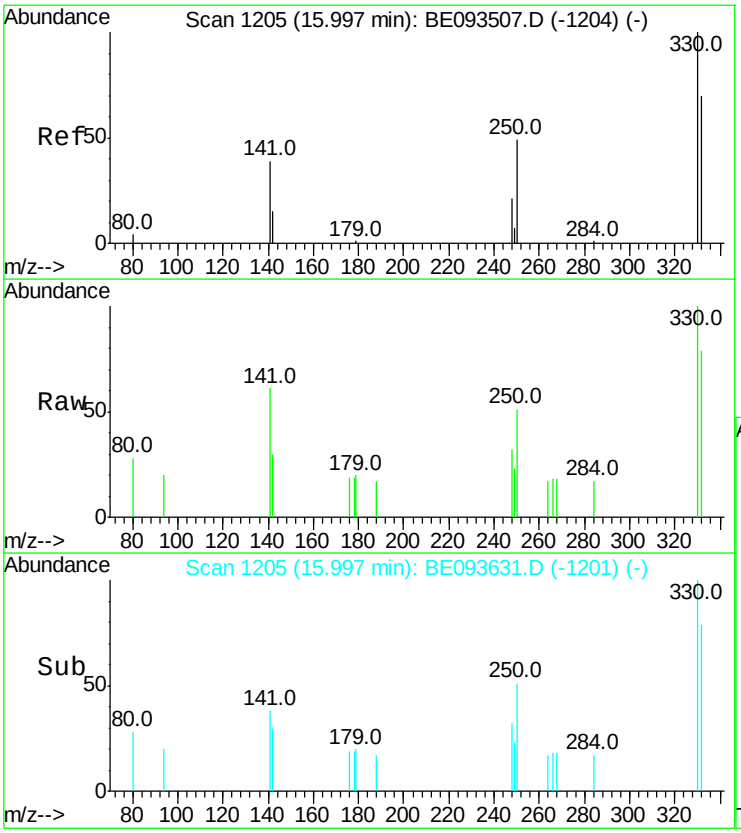
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6590

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.6	127.0
160	46.5	41.8	62.6

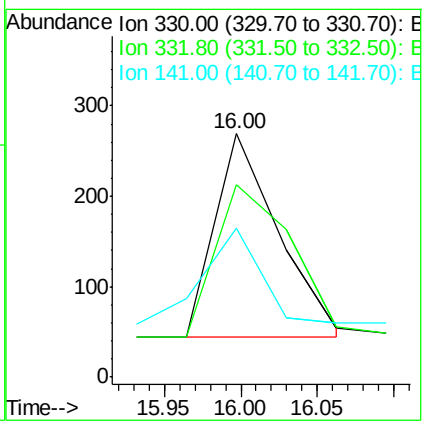


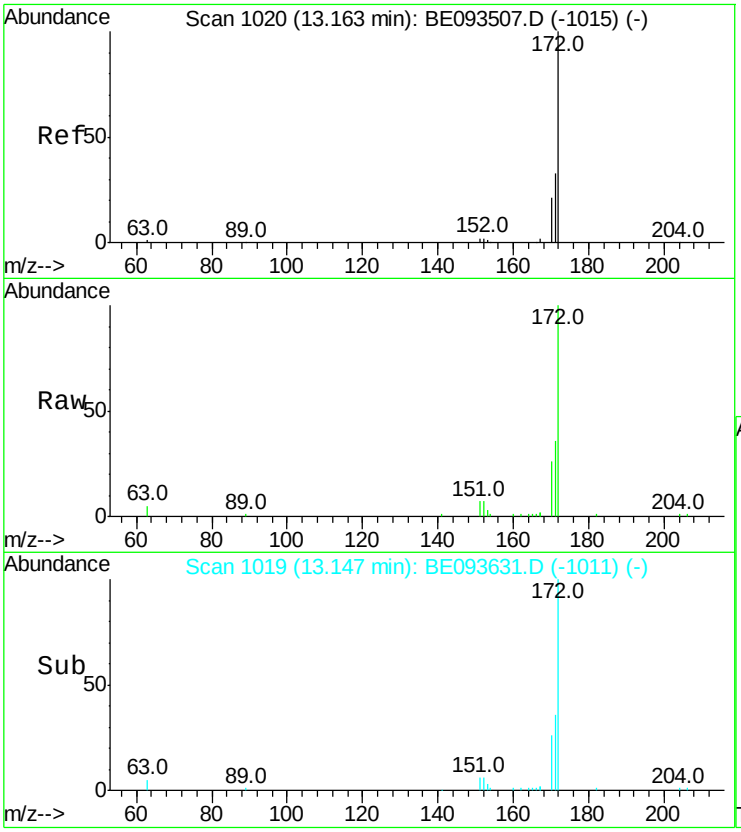


#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:330 Resp: 643

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.7	116.5
141	42.9	56.2	84.4#



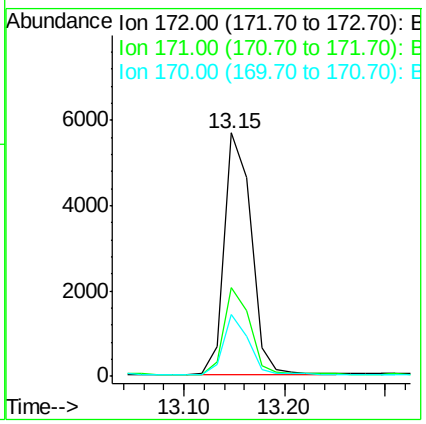


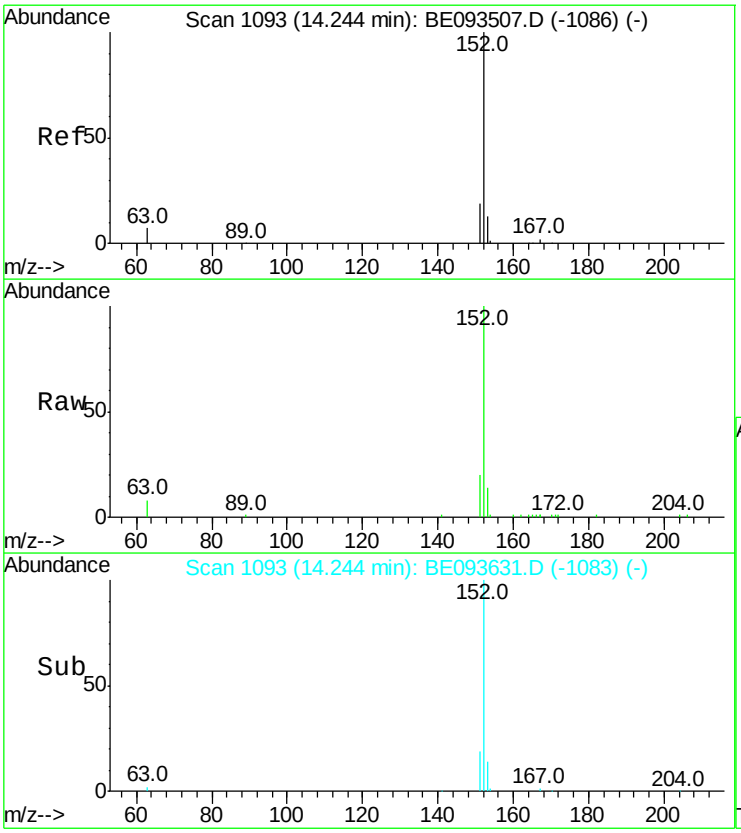
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10476

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	25.5	20.7	31.1

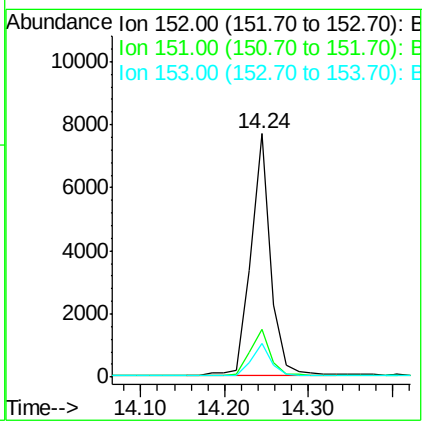


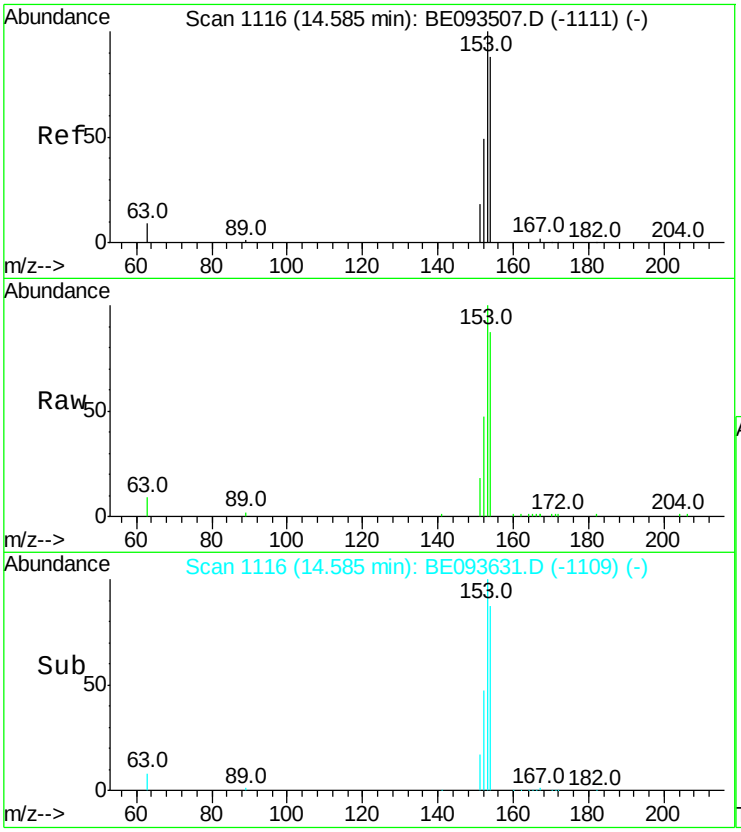


#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:152 Resp: 12648

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.2	10.3	15.5



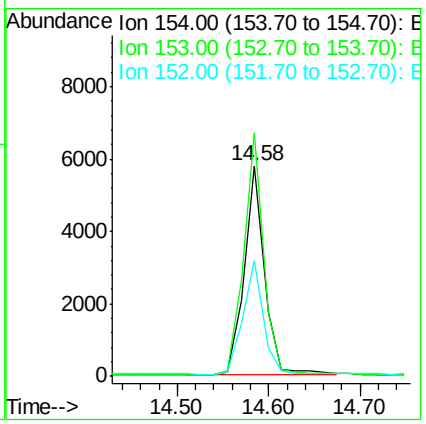


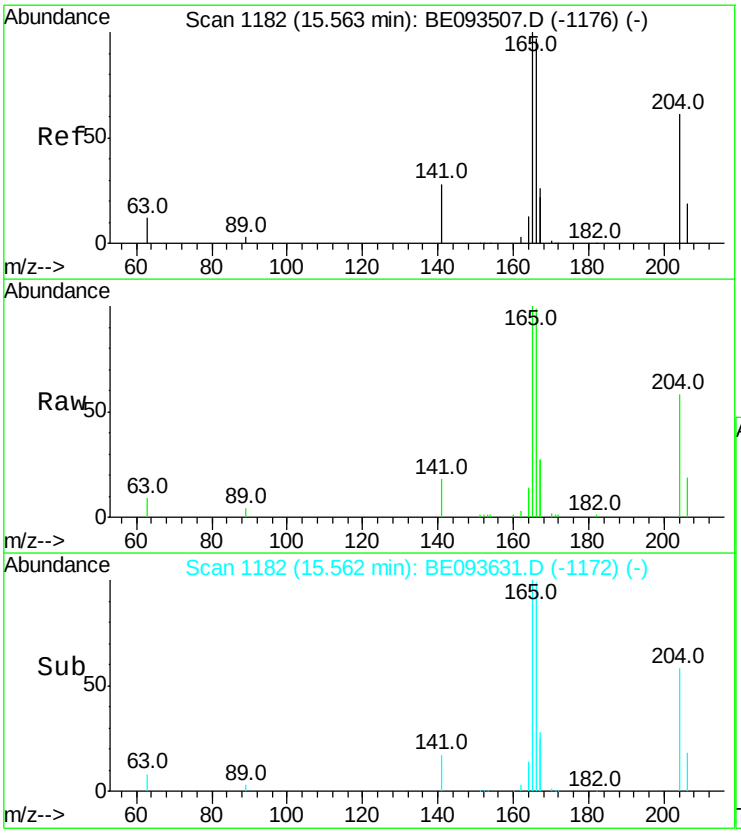
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8845

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	55.3	44.8	67.2

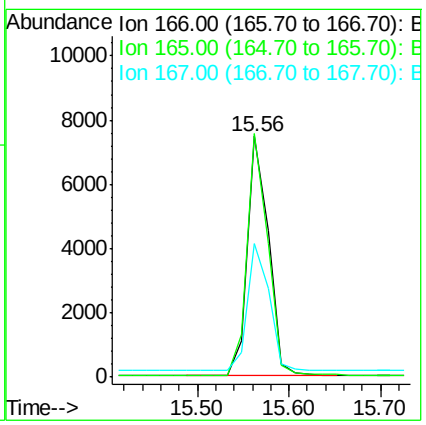


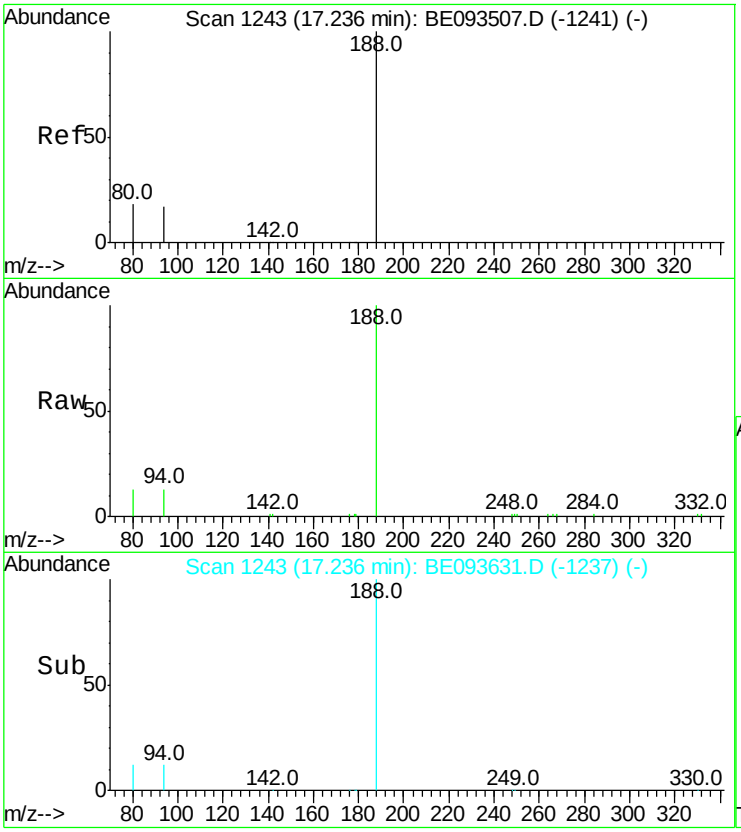


#18
Fluorene
Concen: 0.406 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:166 Resp: 12070

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	54.5	11.1	16.7#



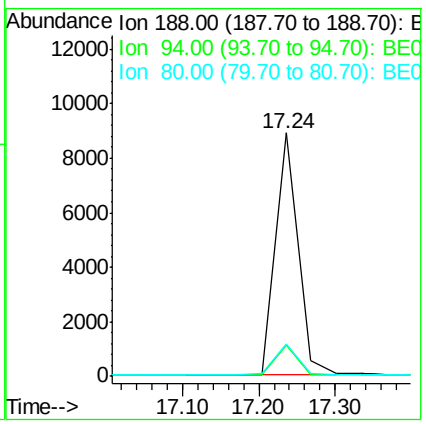


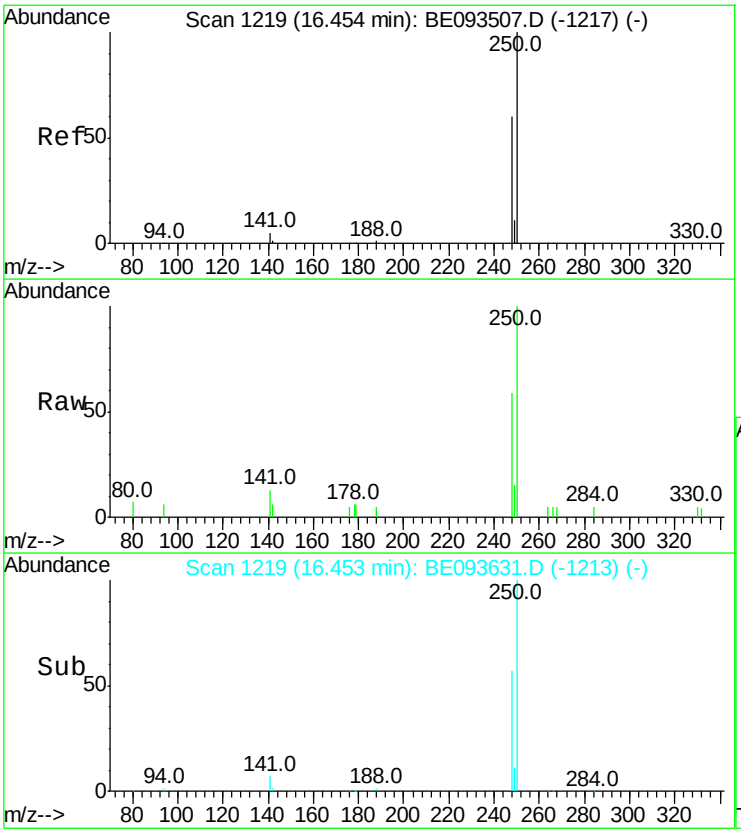
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18493

Ion	Ratio	Lower	Upper
188	100		
94	12.7	11.3	16.9
80	13.2	11.7	17.5

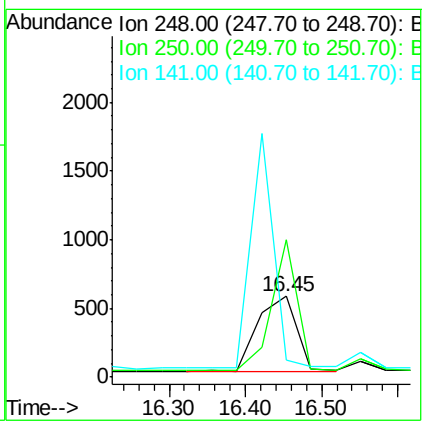


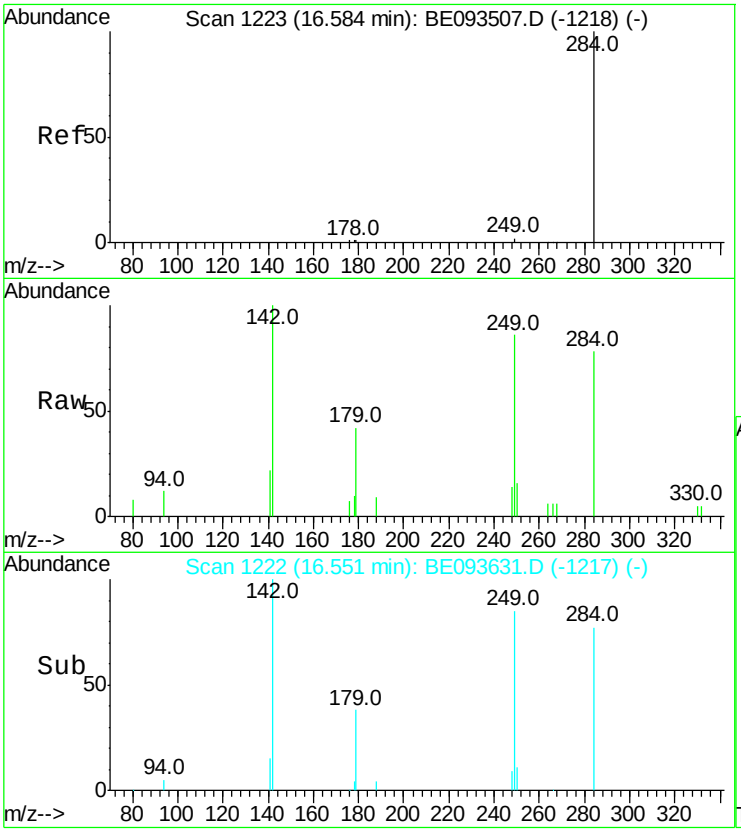


#20
4-Bromophenyl-phenylether
Concen: 0.326 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:248 Resp: 1930

Ion	Ratio	Lower	Upper
248	100		
250	169.9	128.0	192.0
141	21.6	12.0	18.0#



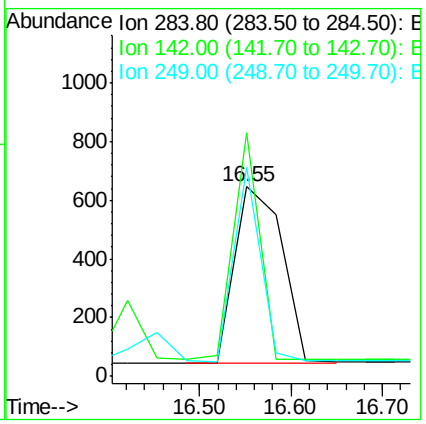


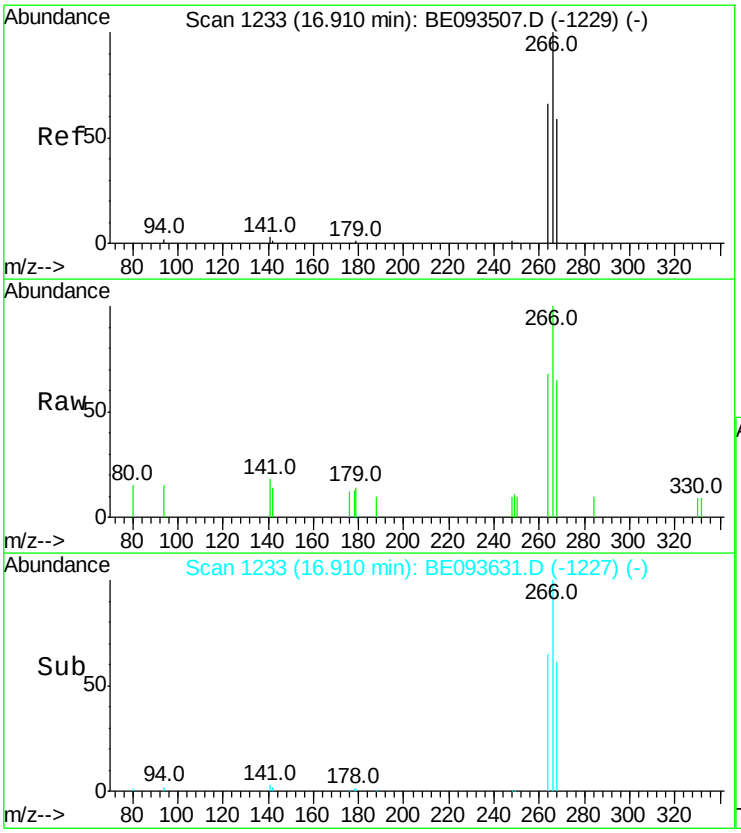
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2173

Ion	Ratio	Lower	Upper
284	100		
142	71.2	0.0	0.0#
249	61.8	0.0	0.0#

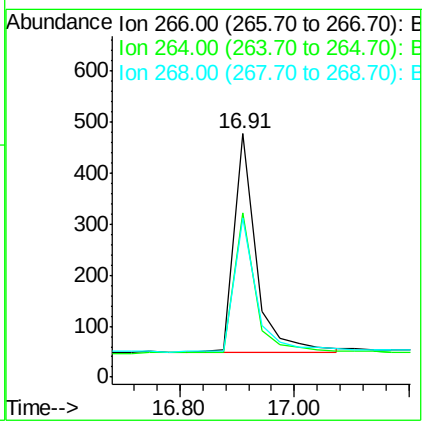


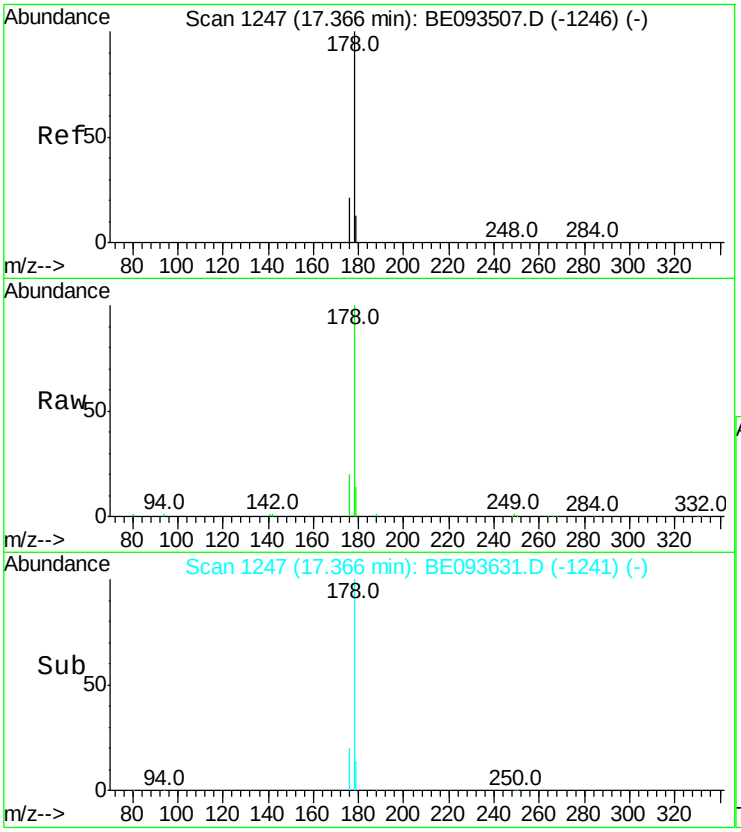


#22
Pentachlorophenol
Concen: 0.459 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:266 Resp: 1113

Ion	Ratio	Lower	Upper
266	100		
264	67.7	56.0	84.0
268	65.4	52.0	78.0



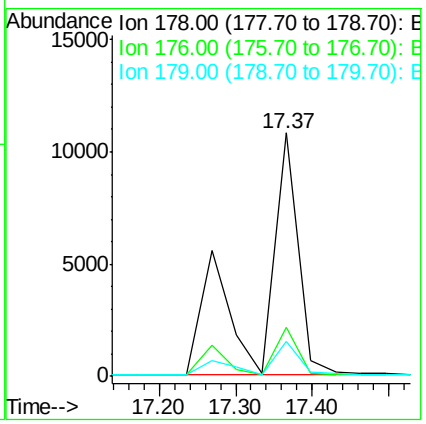


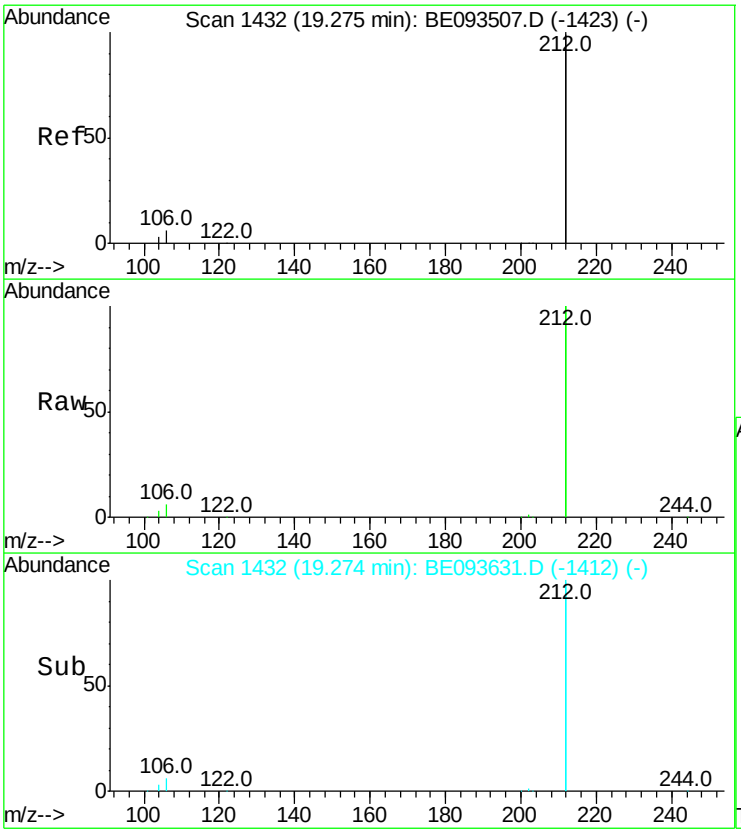
#24
Anthracene
Concen: 0.666 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 37040

Ion	Ratio	Lower	Upper
178	100		
176	11.7	14.6	22.0#
179	14.0	12.0	18.0

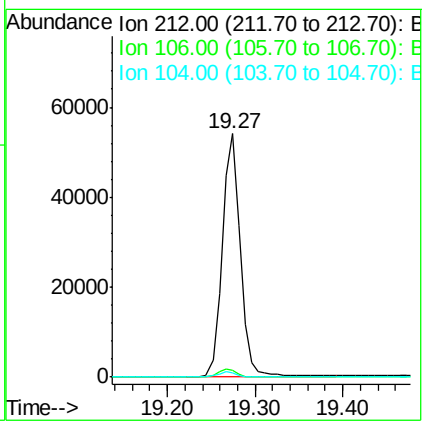


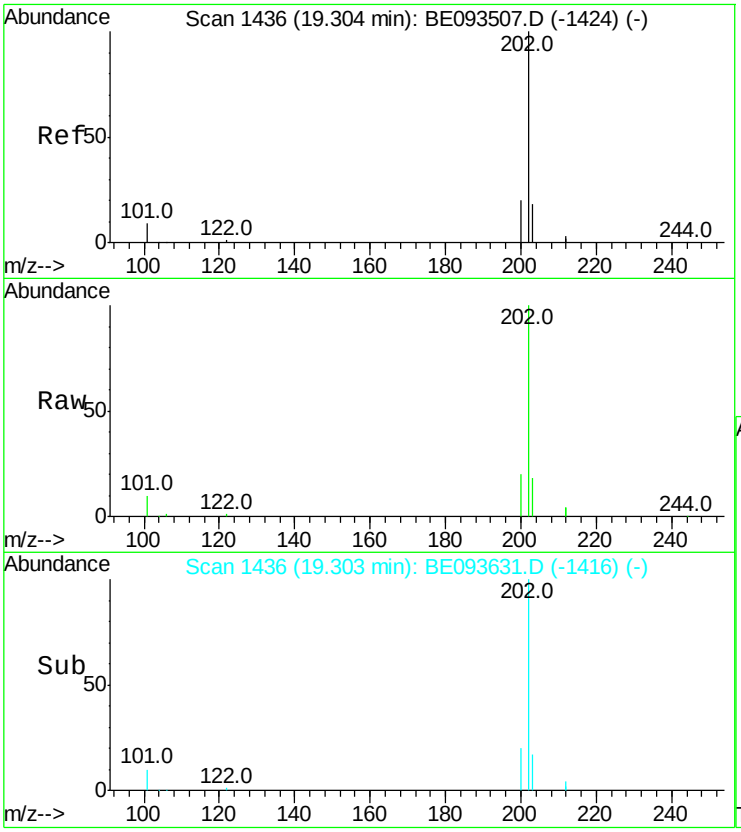


#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:212 Resp: 76612

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4



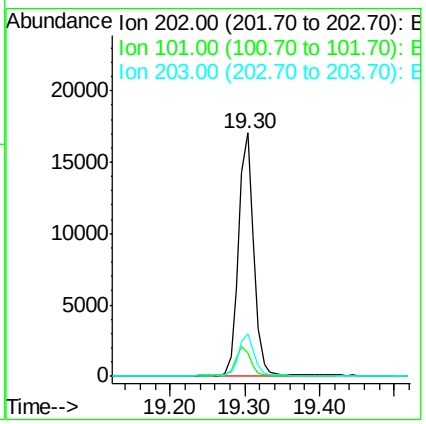


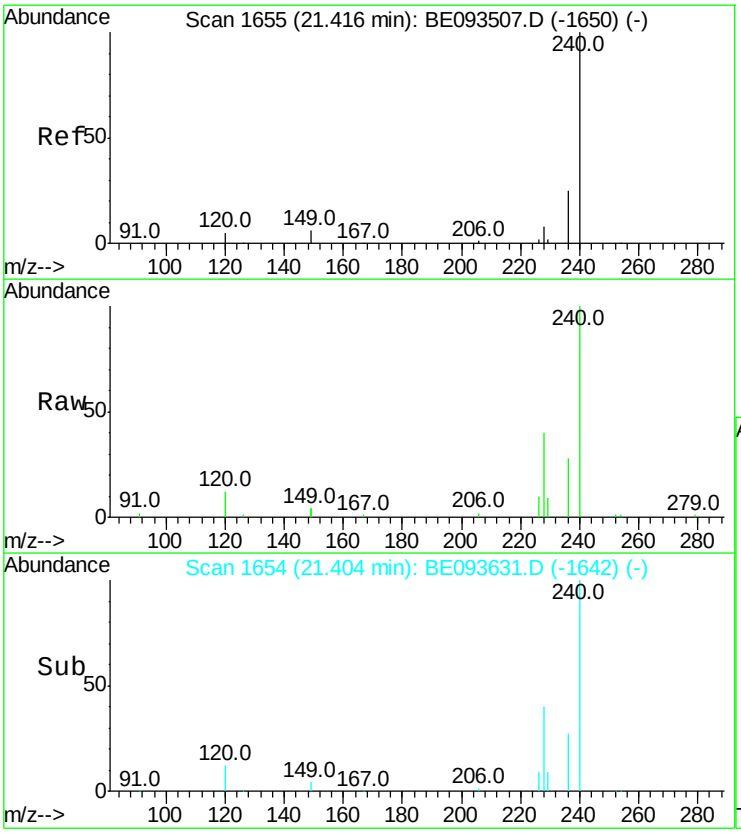
#26
Fluoranthene
Concen: 0.368 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 23831

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.2	14.4	21.6

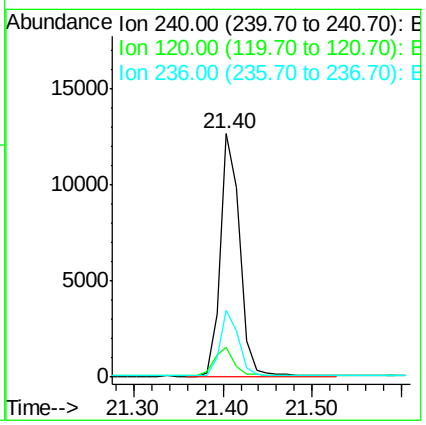


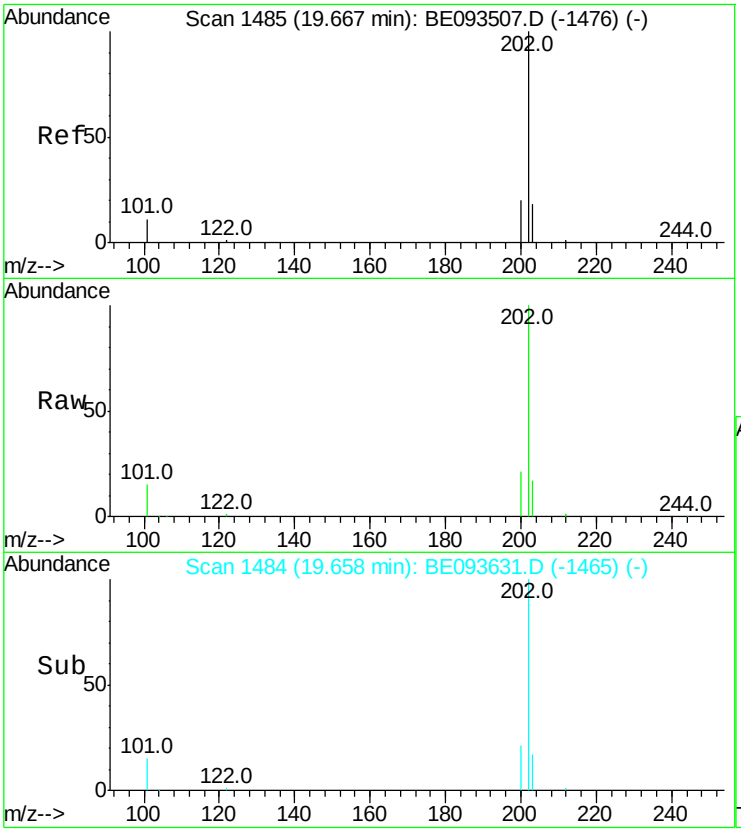


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:240 Resp: 18999

Ion	Ratio	Lower	Upper
240	100		
120	12.4	4.6	7.0#
236	27.6	20.8	31.2



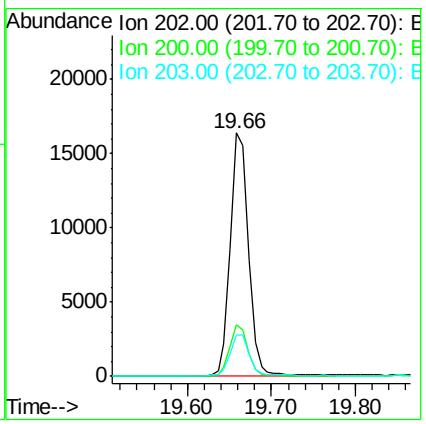


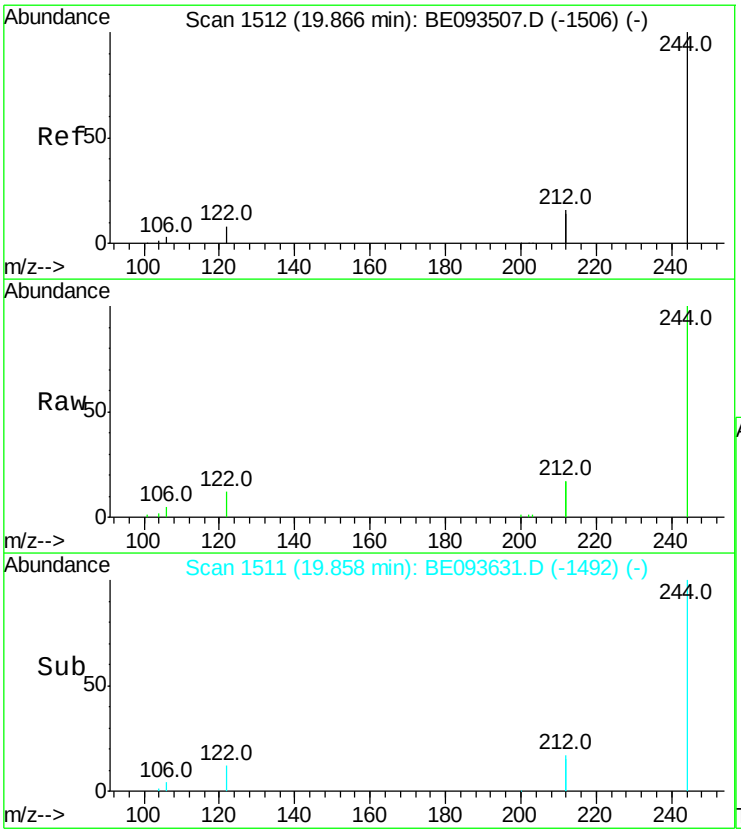
#28
Pyrene
Concen: 0.392 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 24034

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.6	13.7	20.5

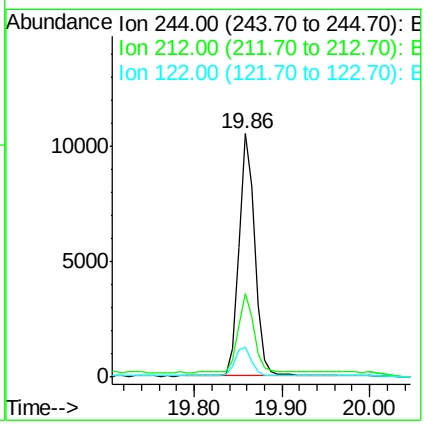


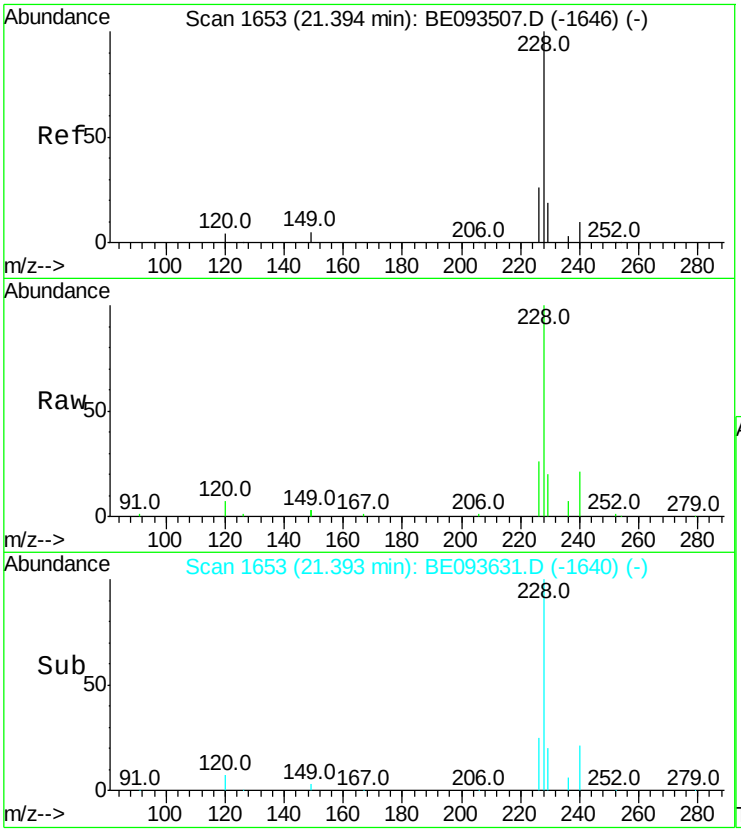


#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:244 Resp: 13375

Ion	Ratio	Lower	Upper
244	100		
212	34.2	10.6	16.0#
122	12.3	15.4	23.0#



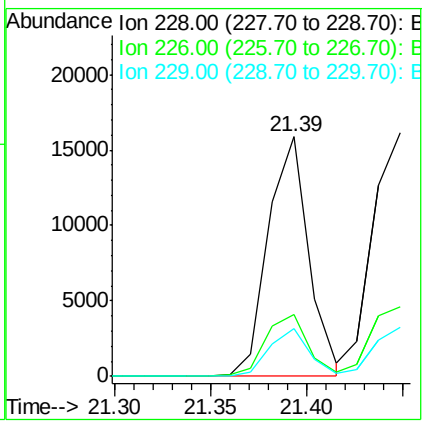


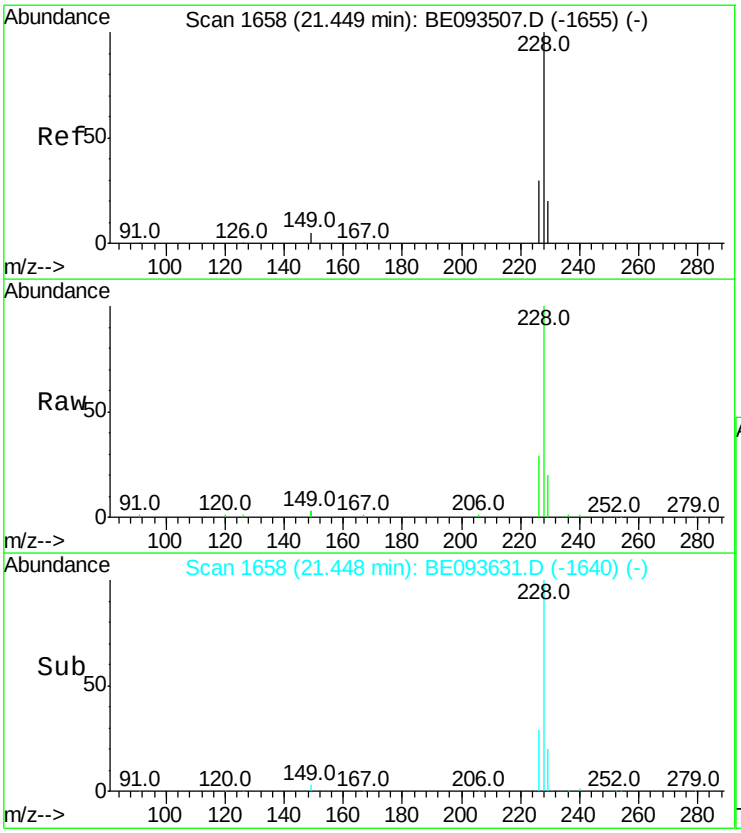
#30
Benzo(a)anthracene
Concen: 0.413 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23088

Ion	Ratio	Lower	Upper
228	100		
226	25.7	19.7	29.5
229	19.8	19.2	28.8

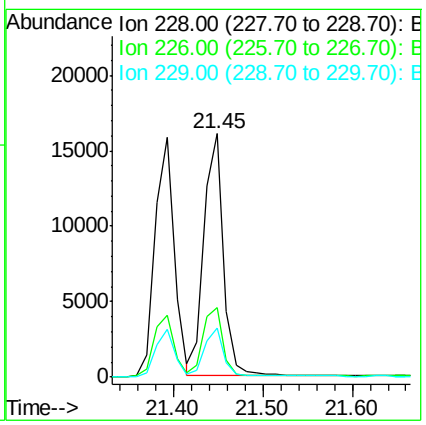


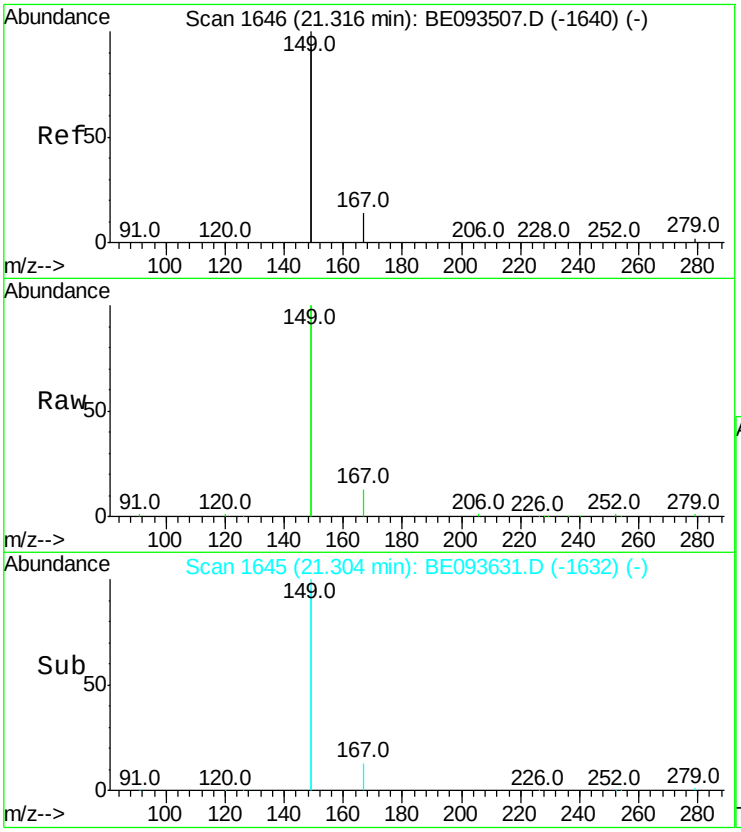


#31
Chrysene
Concen: 0.392 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:228 Resp: 24413

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	20.4	18.6	28.0



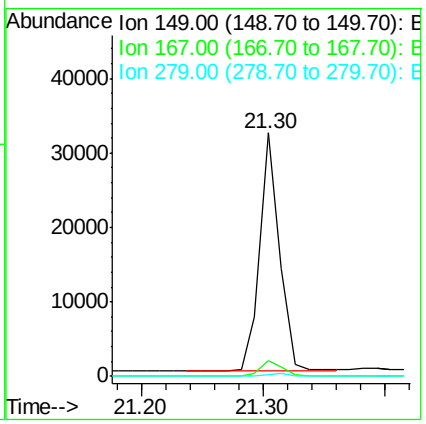


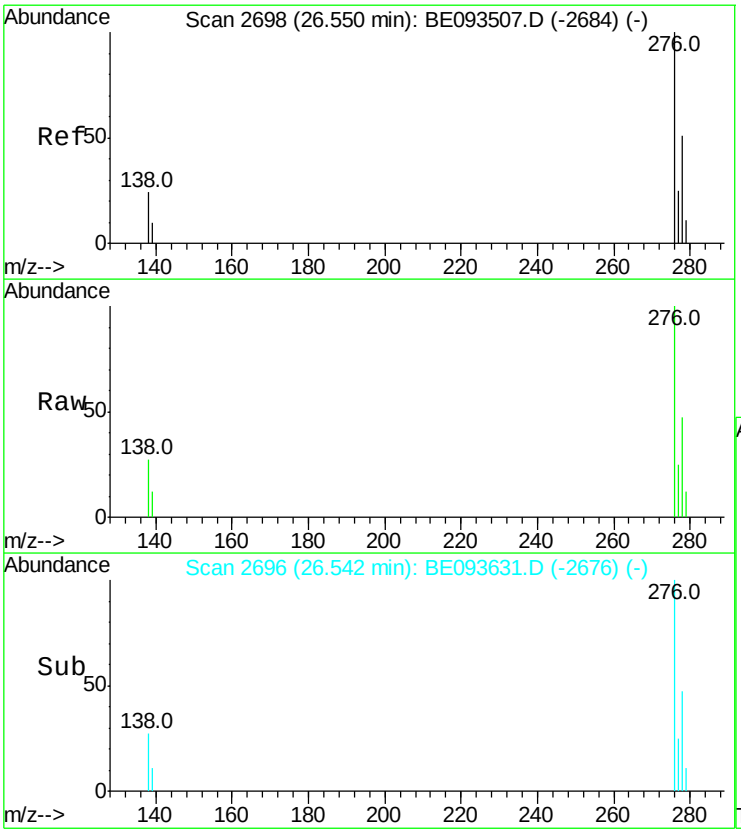
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.476 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 36242

Ion	Ratio	Lower	Upper
149	100		
167	6.9	4.8	7.2
279	0.9	0.8	1.2

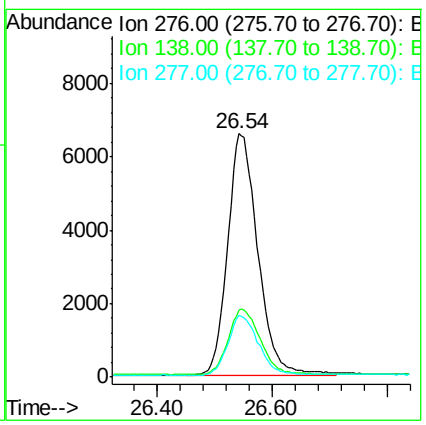


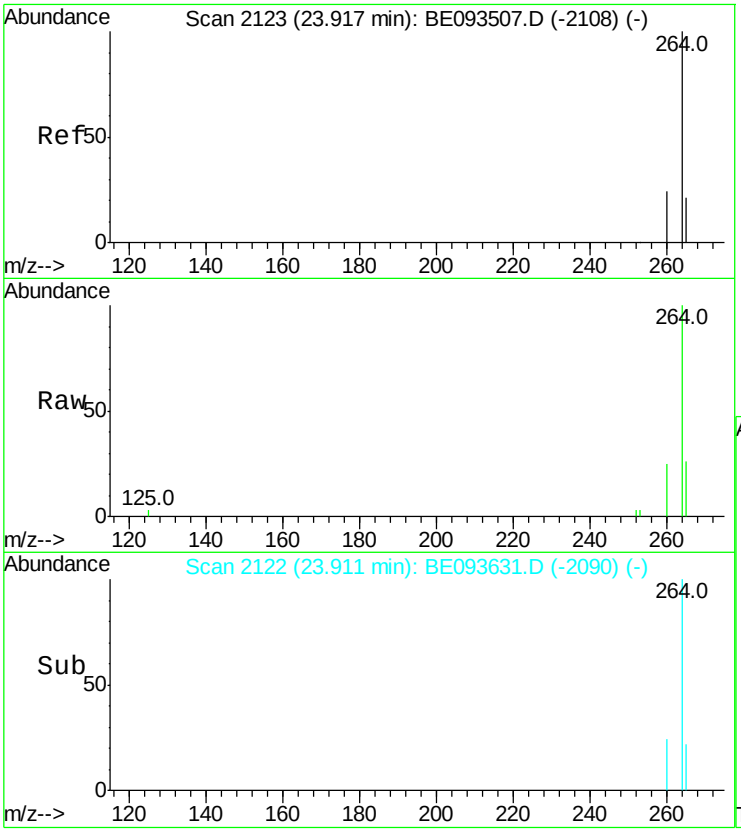


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 26.54 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:276 Resp: 24116

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.4	41.2
277	24.6	20.1	30.1



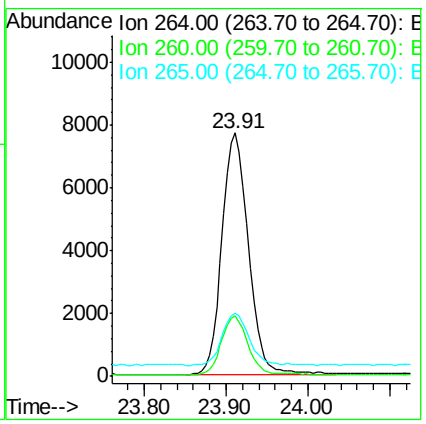


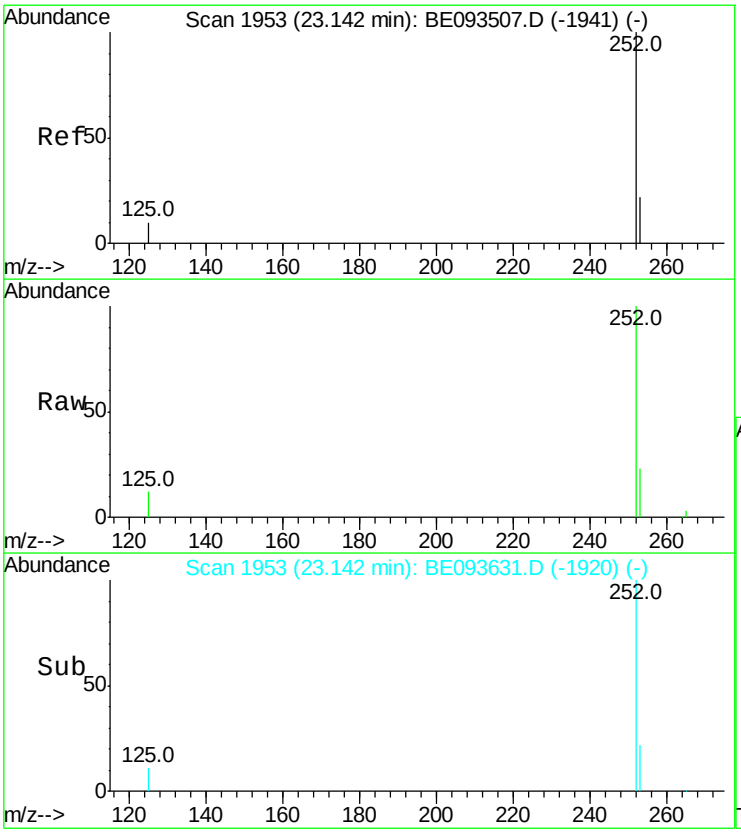
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 17195

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	26.1	24.6	36.8

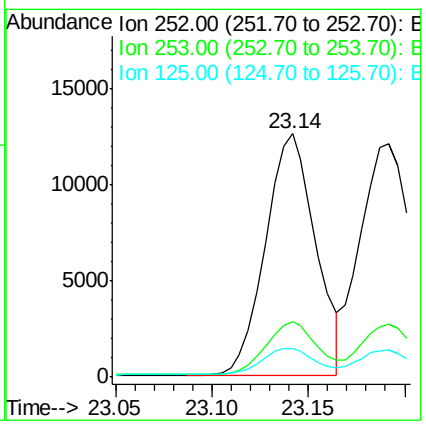


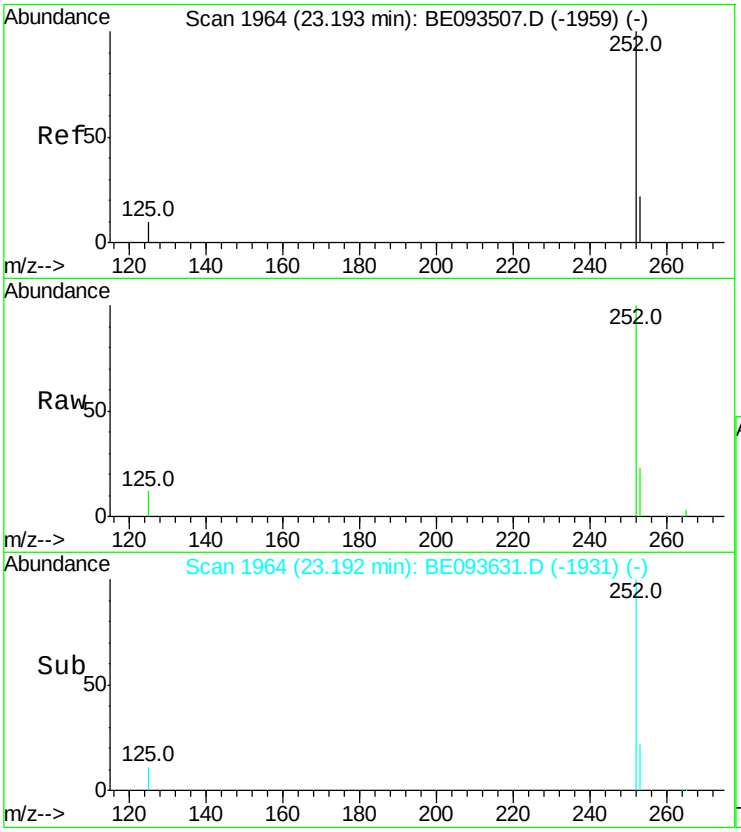


#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:252 Resp: 22823

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.9	13.4	20.0#



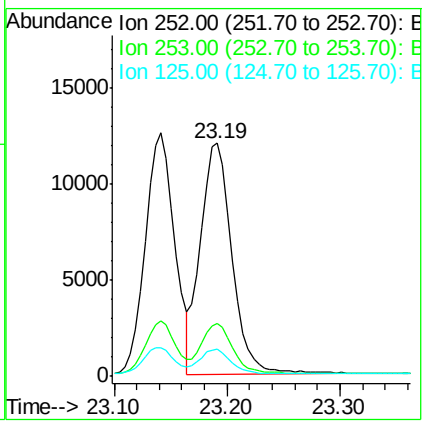


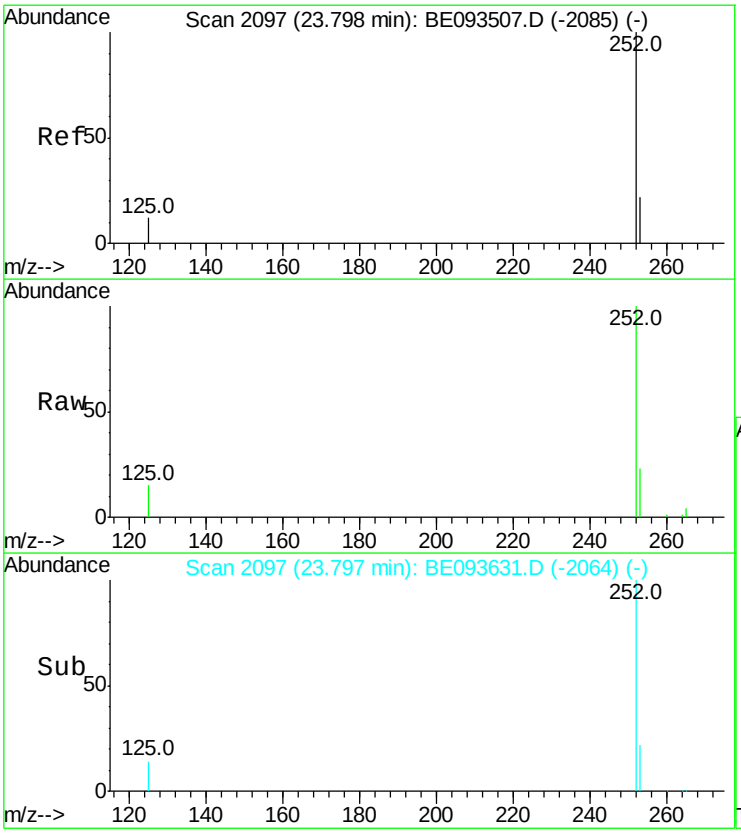
#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.19 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23273

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	11.6	12.2	18.4#

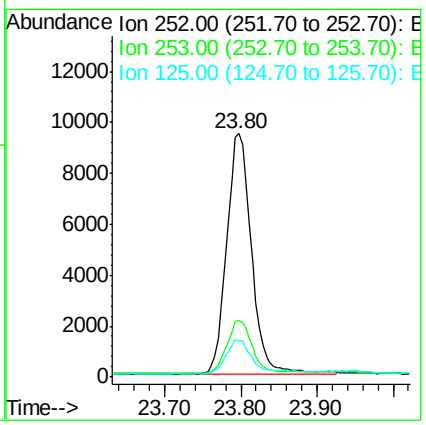


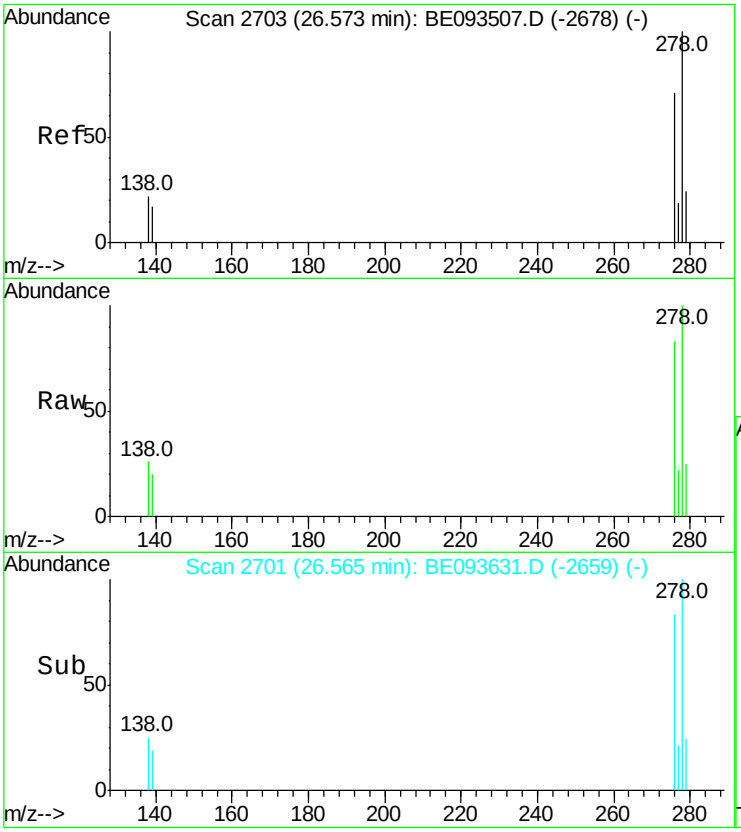


#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:252 Resp: 21714

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.9	29.9
125	15.0	14.6	21.8



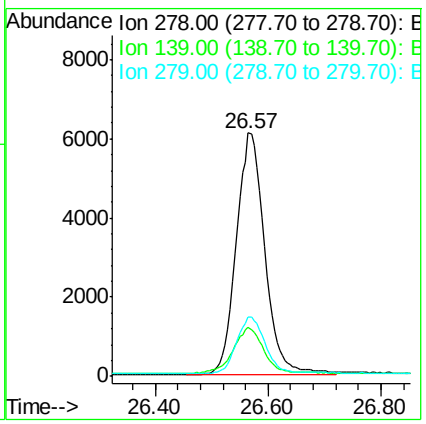


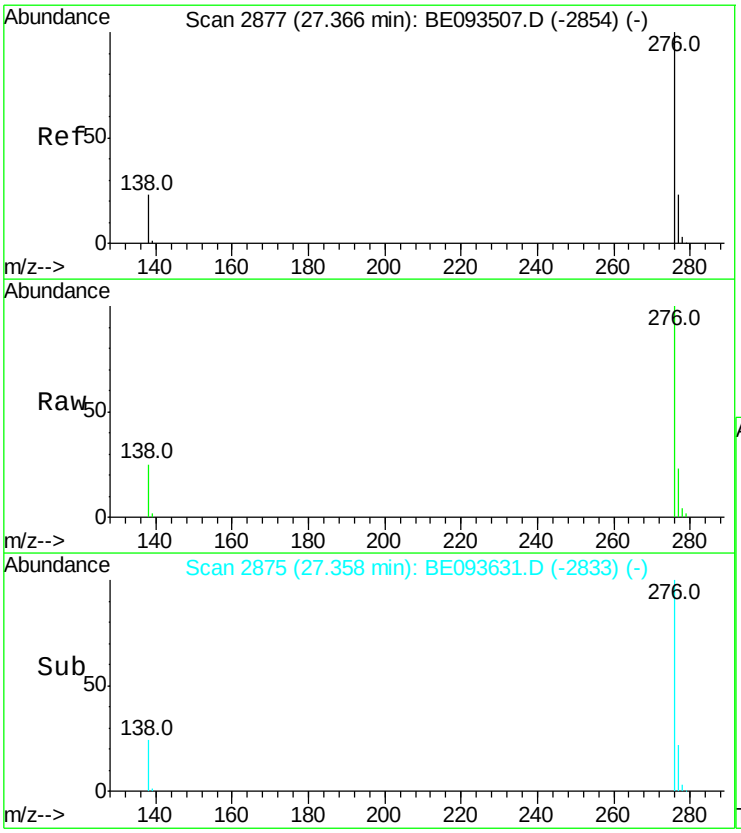
#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.57 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 20627

Ion	Ratio	Lower	Upper
278	100		
139	20.1	21.4	32.0#
279	24.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE093631.D
Acq: 2 Aug 2017 18:05

Tgt Ion:276 Resp: 20195

Ion	Ratio	Lower	Upper
276	100		
277	23.3	21.2	31.8
138	24.8	24.5	36.7