Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093617.D
Acq On : 1 Aug 2017 15:26
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Aug 01 16:42:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 14:41:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2513	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	12080	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	7221	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	20153	0.40	ng		0.00
27) Chrysene-d12	21.40	240	20928	0.40	ng		0.00
34) Perylene-d12	23.91	264	16235	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	24244	2.78	ng		0.00
5) Phenol-d6	7.09	99	36223	2.96	ng		0.00
8) Nitrobenzene-d5	9.06	82	34349	3.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	62129	3.18	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	6798	2.59	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	86850	3.06	ng		-0.01
25) Fluoranthene-d10	19.27	212	694811	2.17	ng		0.00
29) Terphenyl-d14	19.86	244	119479	3.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	11498	2.755	ng		91
3) n-Nitrosodimethylamine	3.74	42	13534	3.277	ng		92
6) bis(2-Chloroethyl)ether	7.34	93	30834	3.170	ng	#	98
9) Naphthalene	10.76	128	437483	3.109	ng		99
10) Hexachlorobutadiene	11.04	225	16528	3.022	ng		100
12) 2-Methylnaphthalene	12.36	142	74707	3.167	ng		96
16) Acenaphthylene	14.24	152	121497	3.341	ng	#	88
17) Acenaphthene	14.58	154	79292	3.210	ng		97
18) Fluorene	15.56	166	102675	2.953	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	15658	1.994	ng	#	78
21) Hexachlorobenzene	16.55	284	18078	2.394	ng	#	100
22) Pentachlorophenol	16.91	266	12379	2.807	ng		92
23) Phenanthrene	17.27	178	130935	2.865	ng	#	79
24) Anthracene	17.37	178	201600	2.885	ng	#	89
26) Fluoranthene	19.30	202	215390	2.209	ng		99
28) Pyrene	19.66	202	218029	3.215	ng	#	99
30) Benzo(a)anthracene	21.39	228	207138	3.077	ng		95
31) Chrysene	21.45	228	211621	3.172	ng		96
32) Bis(2-ethylhexyl)phthalate	21.30	149	340505	2.334	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	196639	3.116	ng		94
35) Benzo(b)fluoranthene	23.14	252	189861	3.330	ng	#	93
36) Benzo(k)fluoranthene	23.19	252	197695	3.509	ng	#	92
37) Benzo(a)pyrene	23.80	252	177520	3.349	ng	#	91
38) Dibenzo(a,h)anthracene	26.57	278	171595	3.424	ng	#	88
39) Benzo(g,h,i)perylene	27.36	276	169373	3.366	ng	#	91

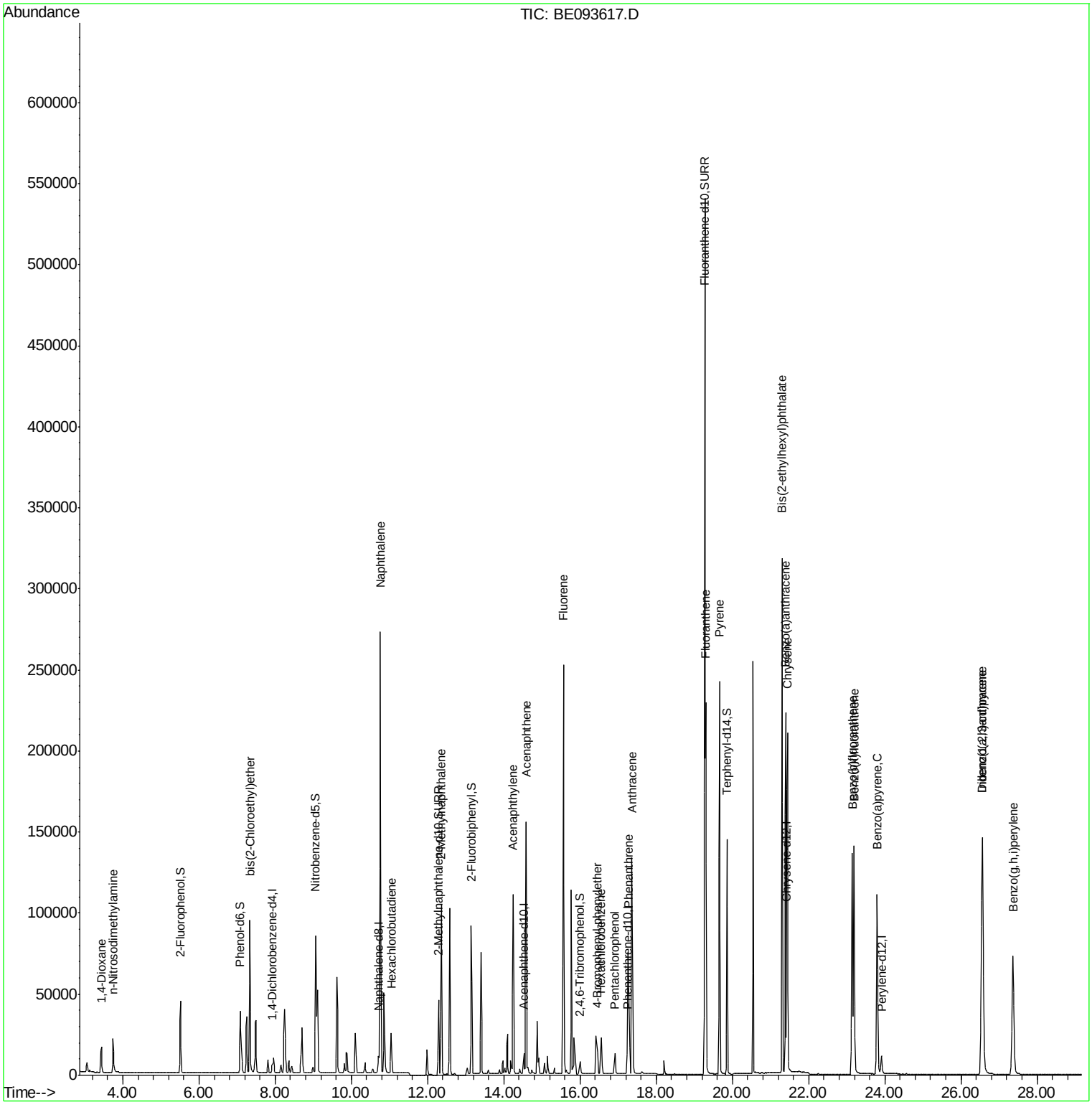
(#) = qualifier out of range (m) = manual integration (+) = signals summed

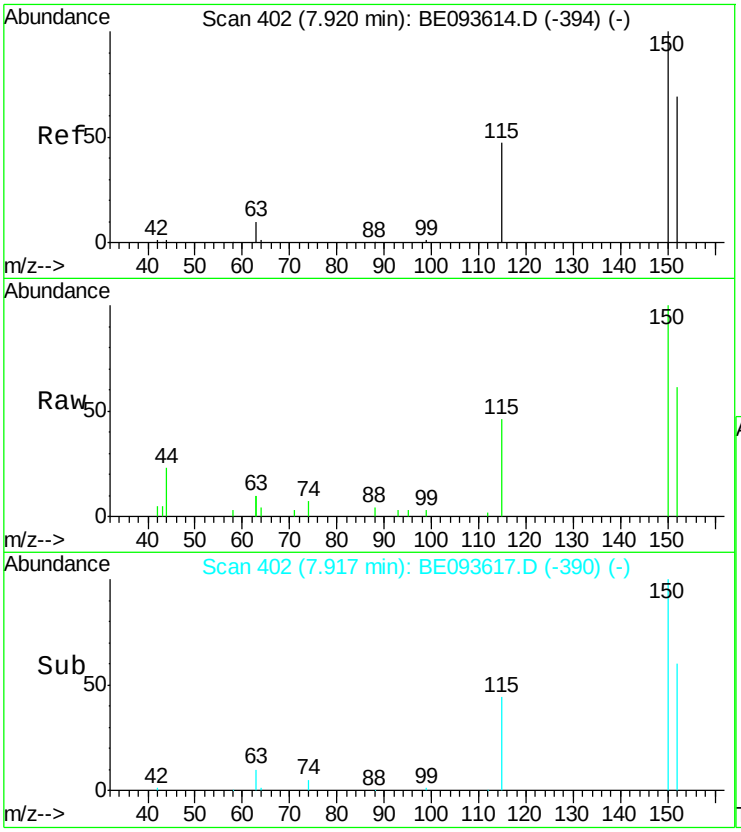
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093617.D
Acq On : 1 Aug 2017 15:26
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 01 16:42:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 14:41:34 2017
Response via : Initial Calibration



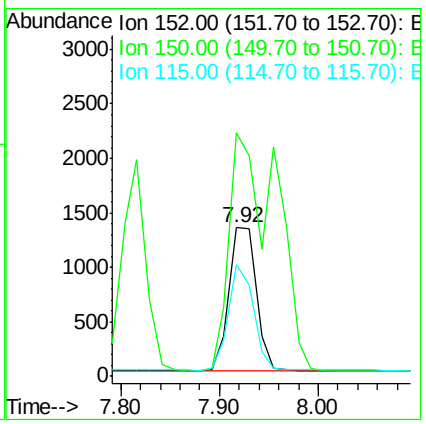


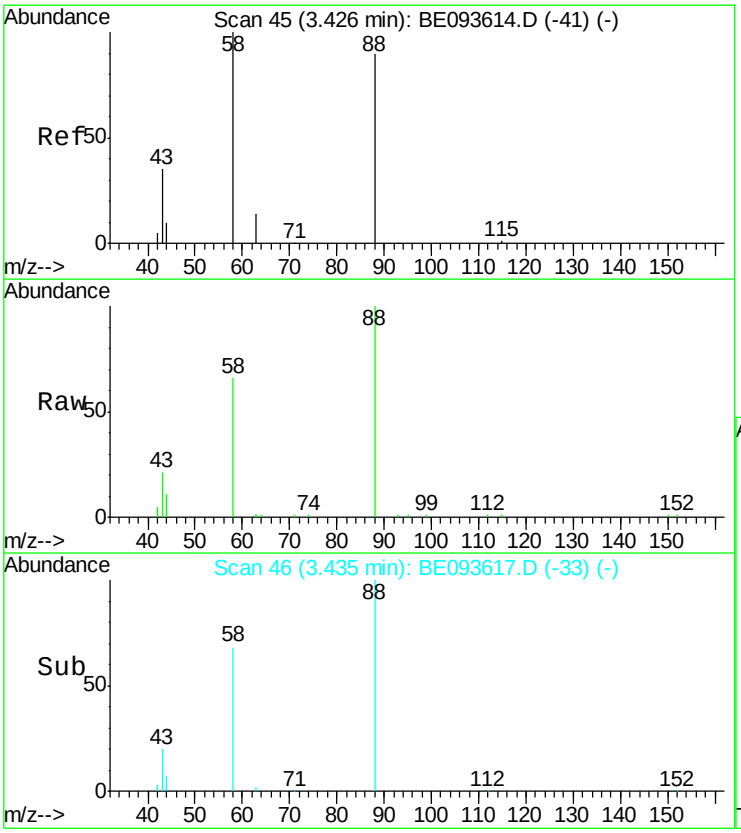
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2513

Ion	Ratio	Lower	Upper
152	100		
150	163.7	125.1	187.7
115	74.9	55.7	83.5

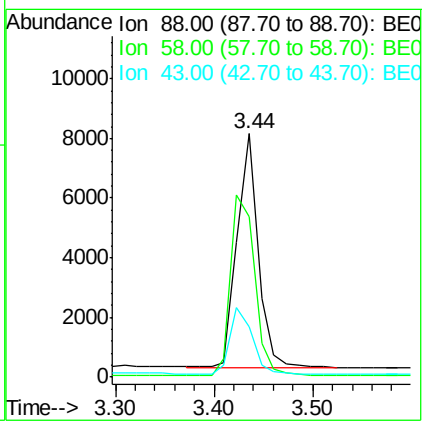


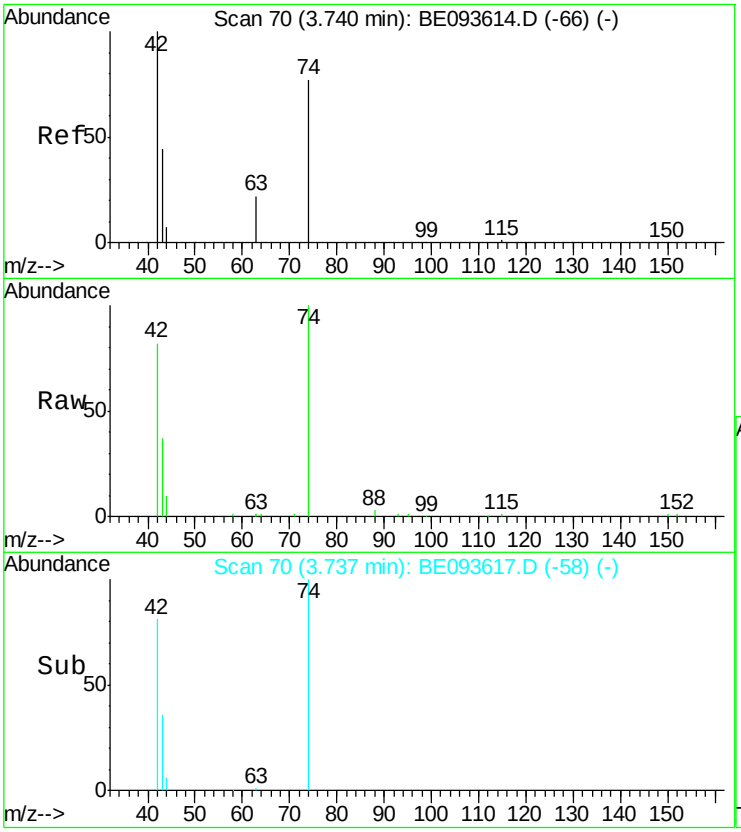


#2
1,4-Dioxane
Concen: 2.755 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion: 88 Resp: 11498

Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.2	93.4
43	29.4	23.2	34.8



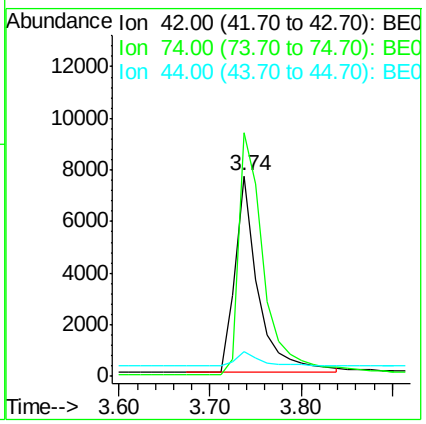


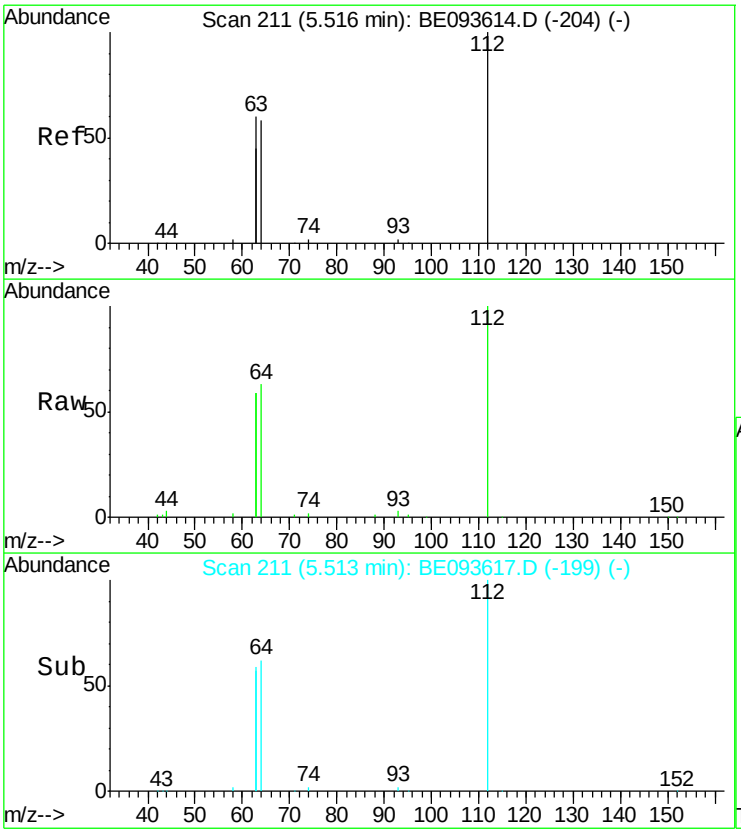
#3
n-Nitrosodimethylamine
Concen: 3.277 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 13534

Ion	Ratio	Lower	Upper
42	100		
74	133.2	99.1	148.7
44	7.8	7.4	11.2

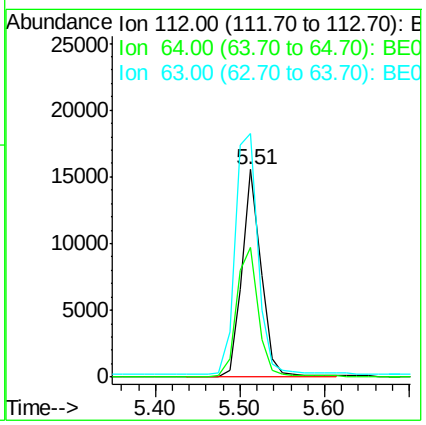


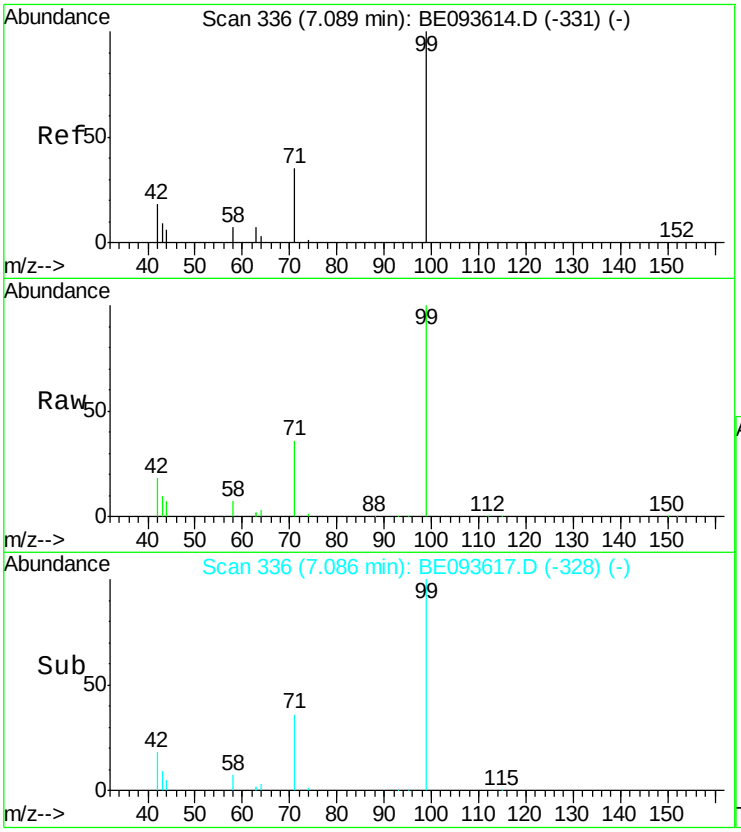


#4
2-Fluorophenol
Concen: 2.780 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:112 Resp: 24244

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.4	84.6
63	139.2	29.3	43.9#



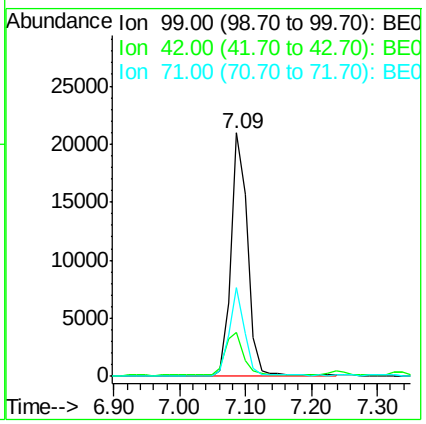


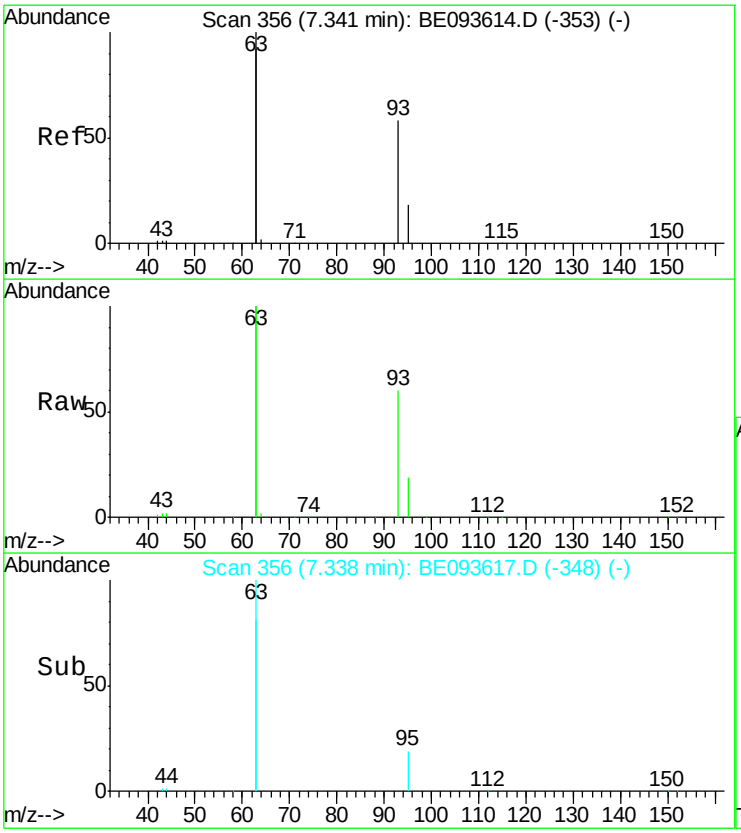
#5
Phenol-d6
Concen: 2.964 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 36223

Ion	Ratio	Lower	Upper
99	100		
42	19.6	0.0	0.0#
71	33.7	0.0	0.0#

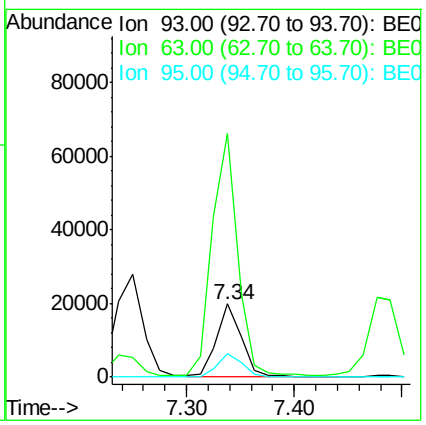


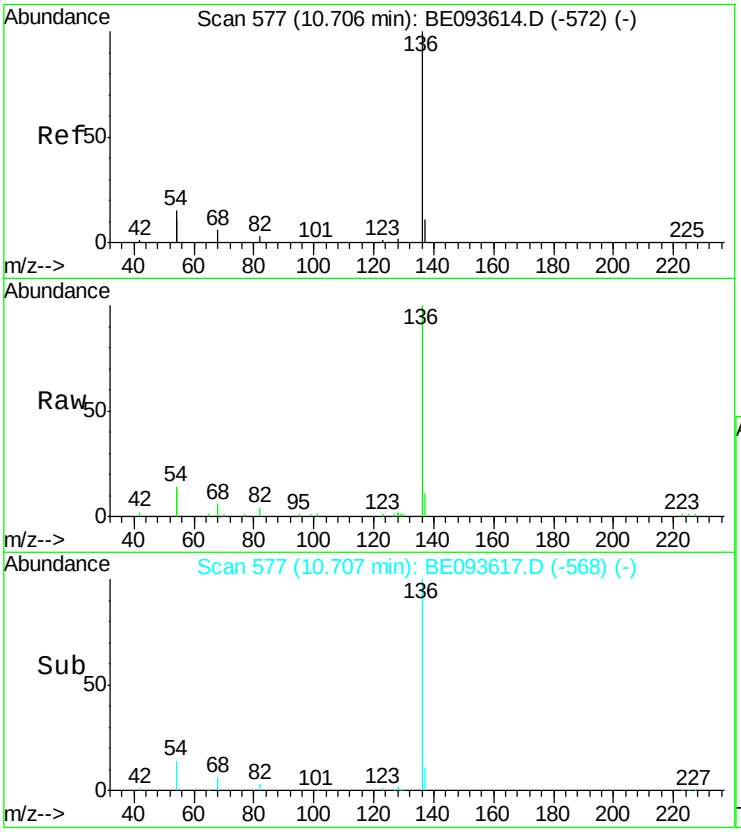


#6
bis(2-Chloroethyl)ether
Concen: 3.170 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion: 93 Resp: 30834

Ion	Ratio	Lower	Upper
93	100		
63	348.2	0.0	0.0#
95	32.7	25.4	38.0



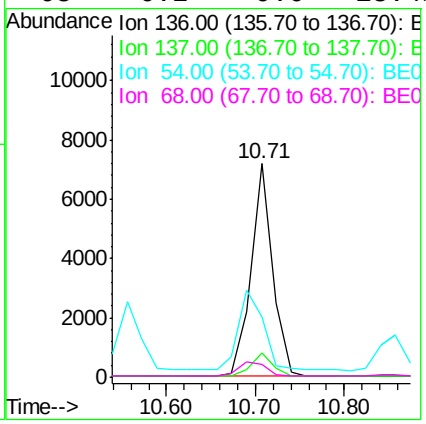


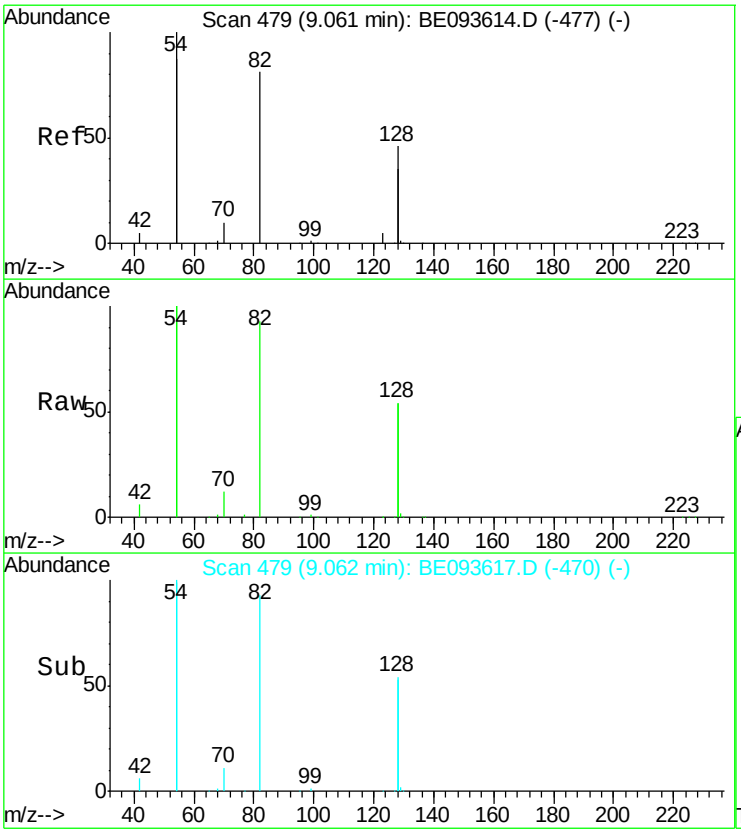
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12080

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	28.0	10.3	15.5#
68	6.2	9.0	13.4#

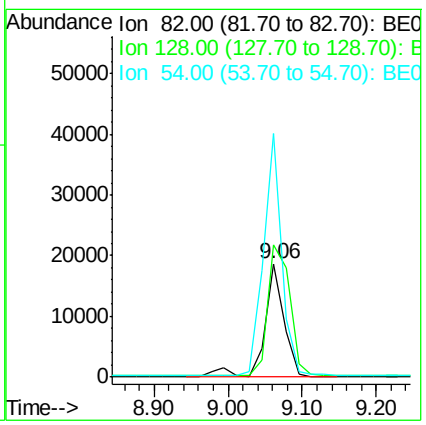


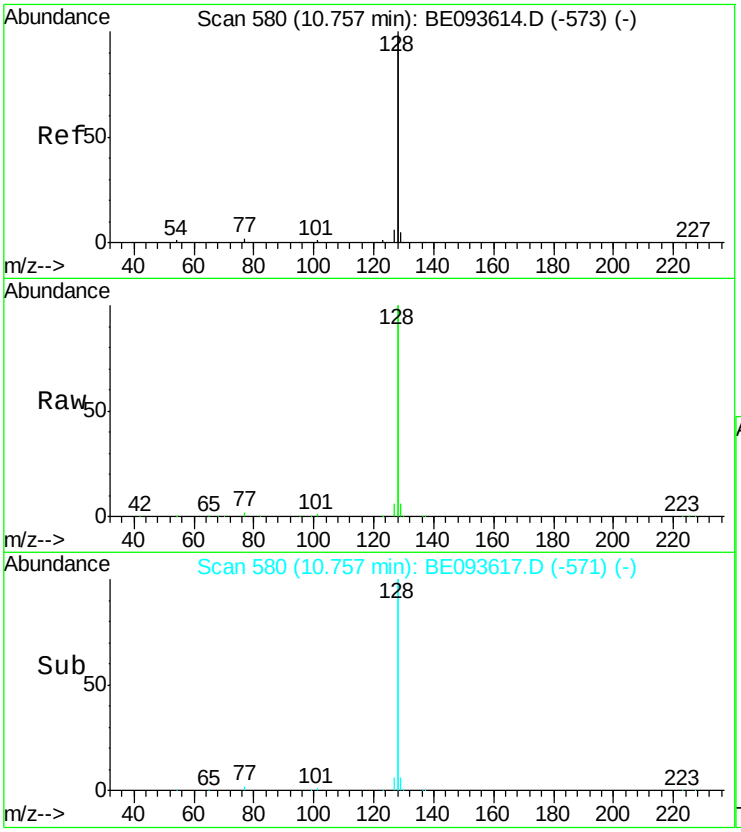


#8
Nitrobenzene-d5
Concen: 3.578 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion: 82 Resp: 34349

Ion	Ratio	Lower	Upper
82	100		
128	116.1	17.0	25.4#
54	214.6	53.8	80.6#



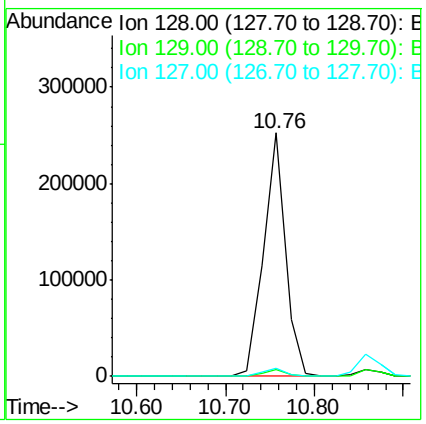


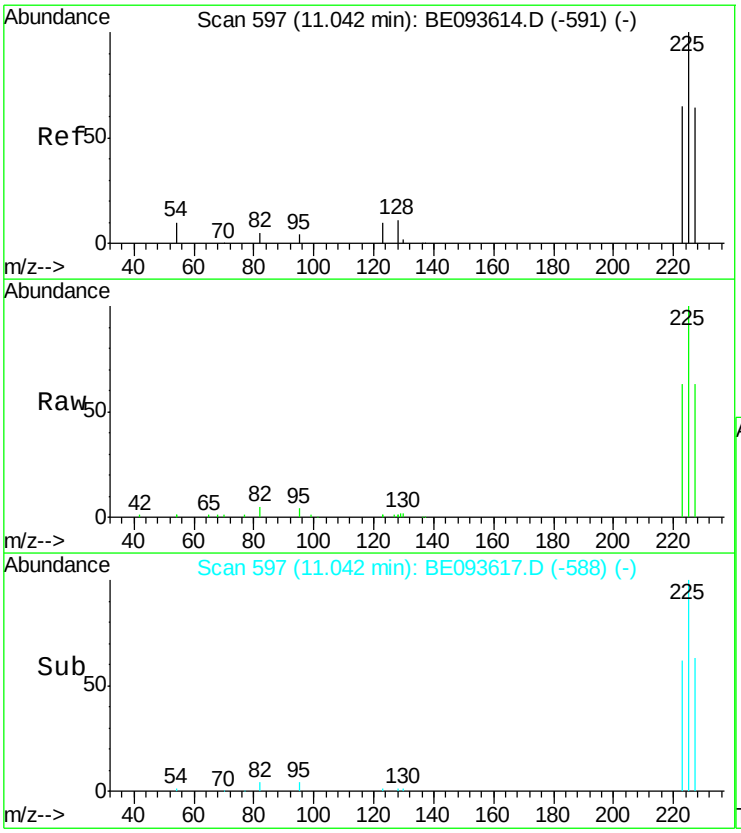
#9
Naphthalene
Concen: 3.109 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 437483

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.4	3.6

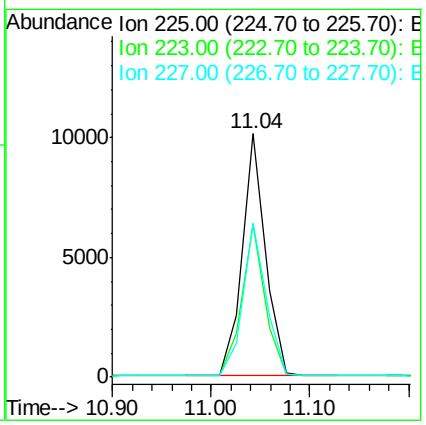


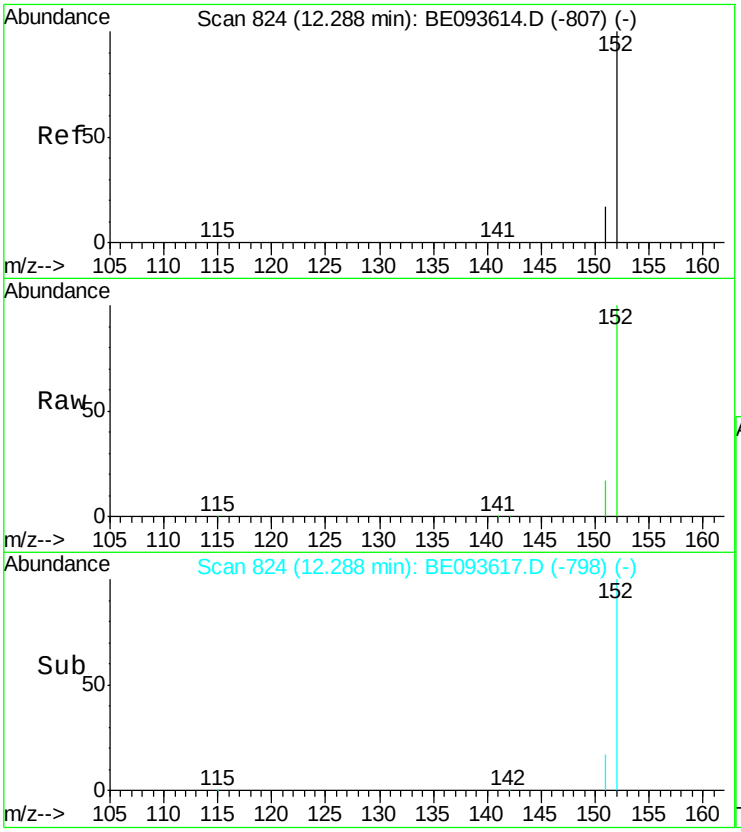


#10
Hexachlorobutadiene
Concen: 3.022 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:225 Resp: 16528

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.3	50.3	75.5



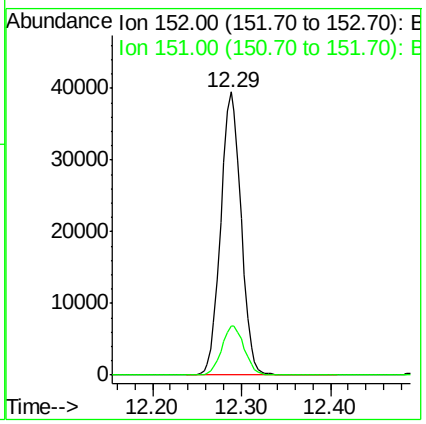


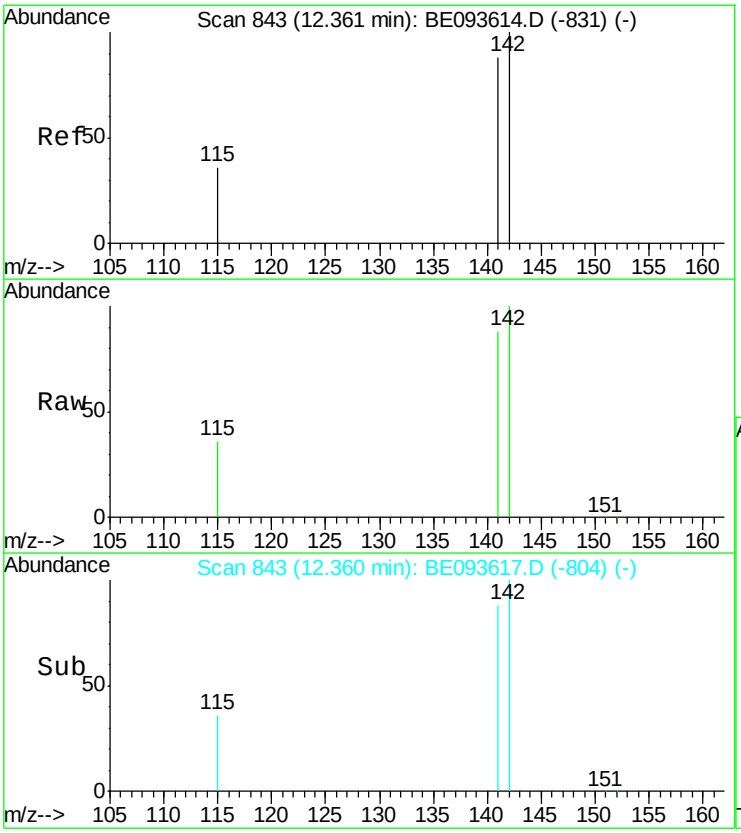
#11
2-Methylnaphthalene-d10
Concen: 3.181 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 62129

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

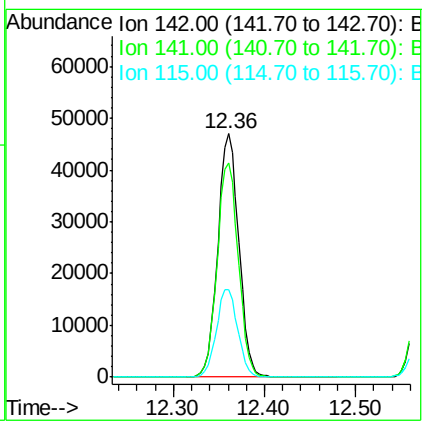


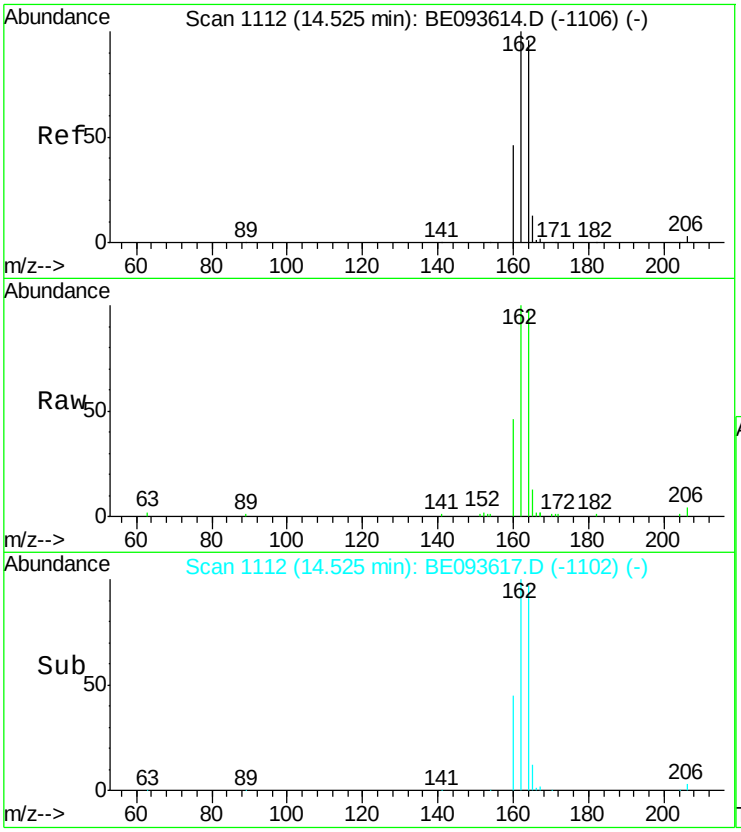


#12
2-Methylnaphthalene
Concen: 3.167 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:142 Resp: 74707

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8
115	35.9	32.2	48.2



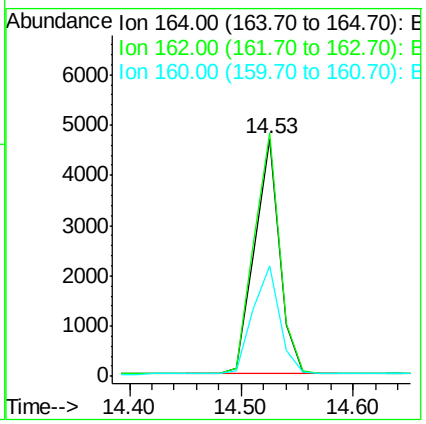


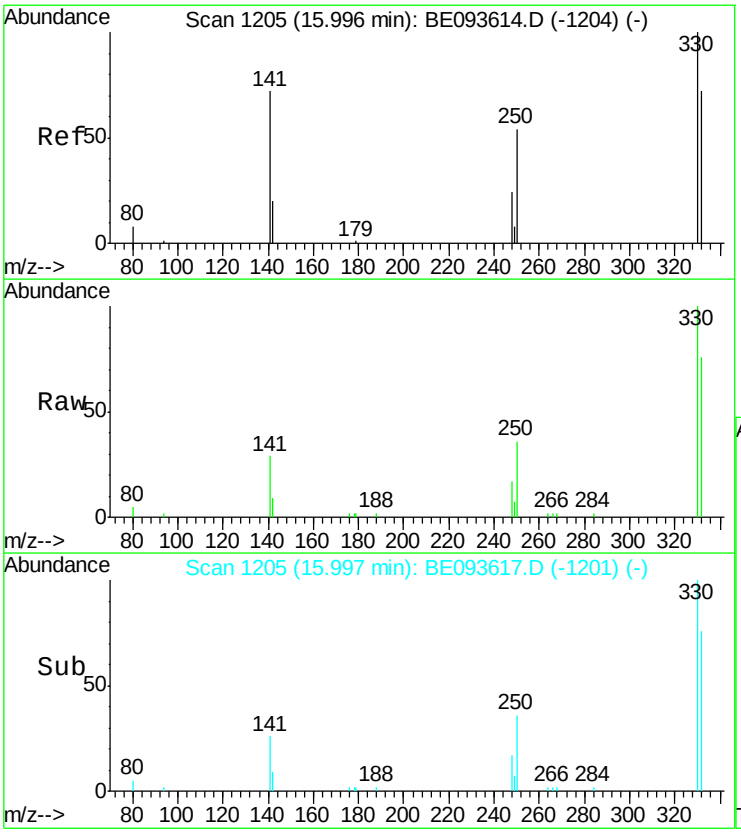
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 7221

Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.6	127.0
160	46.7	41.8	62.6

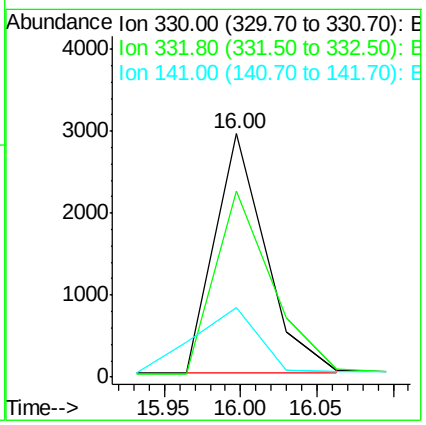


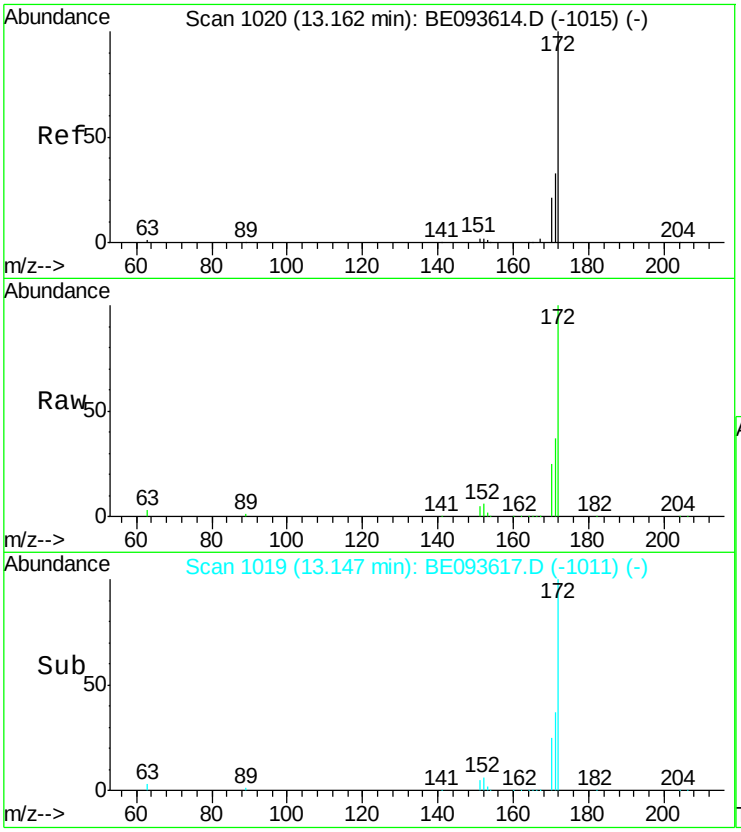


#14
2,4,6-Tribromophenol
Concen: 2.589 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:330 Resp: 6798

Ion	Ratio	Lower	Upper
330	100		
332	85.1	77.7	116.5
141	34.9	56.2	84.4#



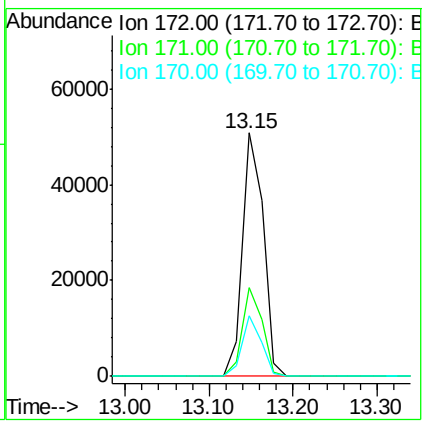


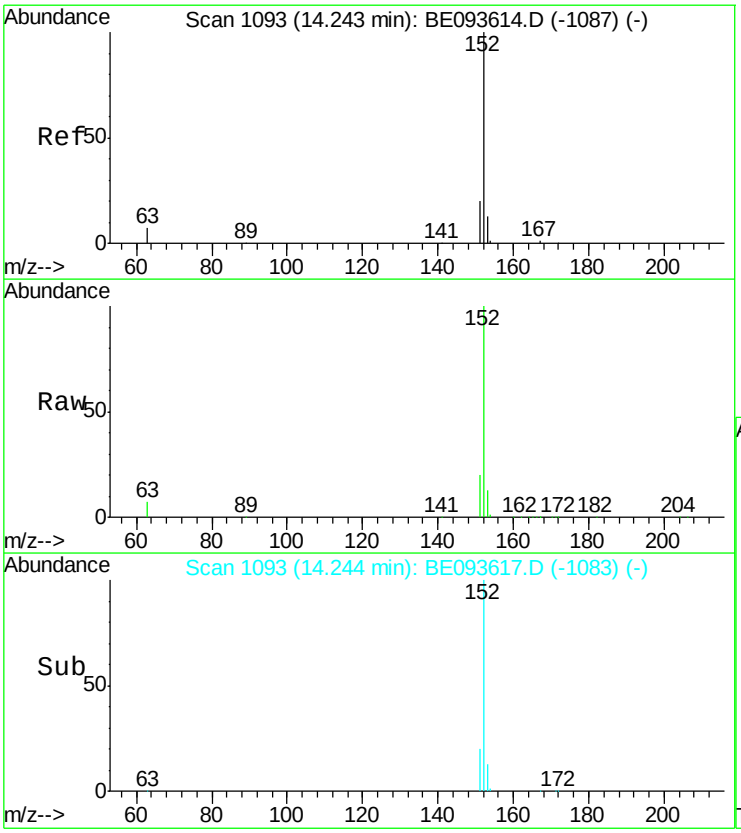
#15
2-Fluorobiphenyl
Concen: 3.056 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 86850

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.1	20.7	31.1

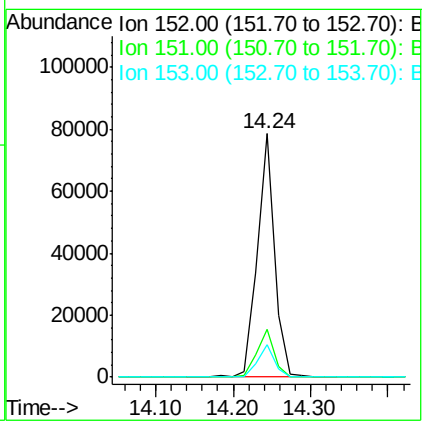


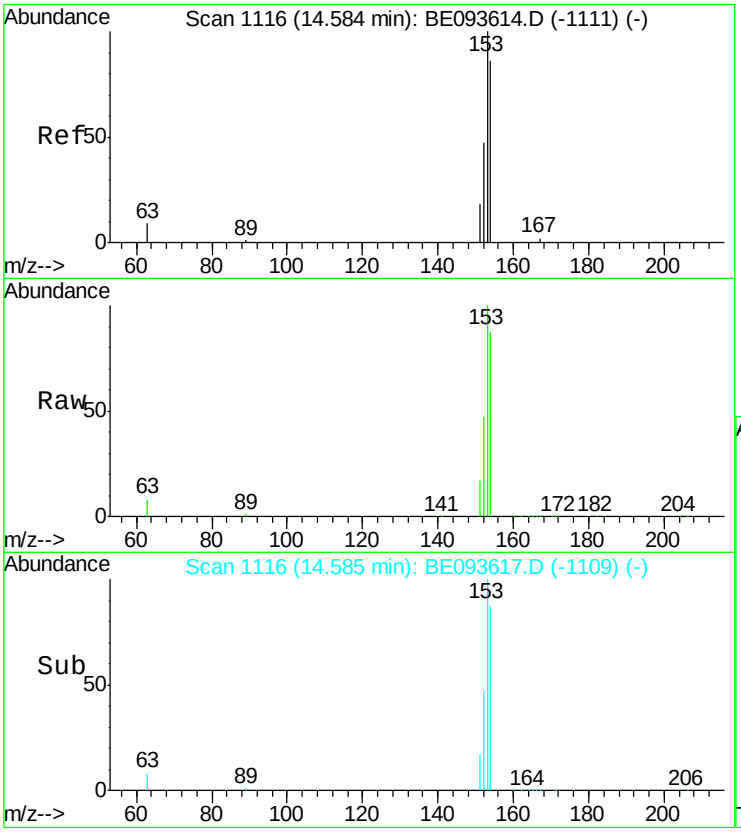


#16
Acenaphthylene
Concen: 3.341 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:152 Resp: 121497

Ion	Ratio	Lower	Upper
152	100		
151	19.6	4.0	6.0#
153	13.0	10.3	15.5



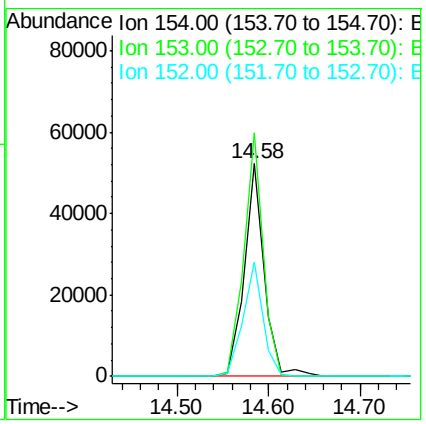


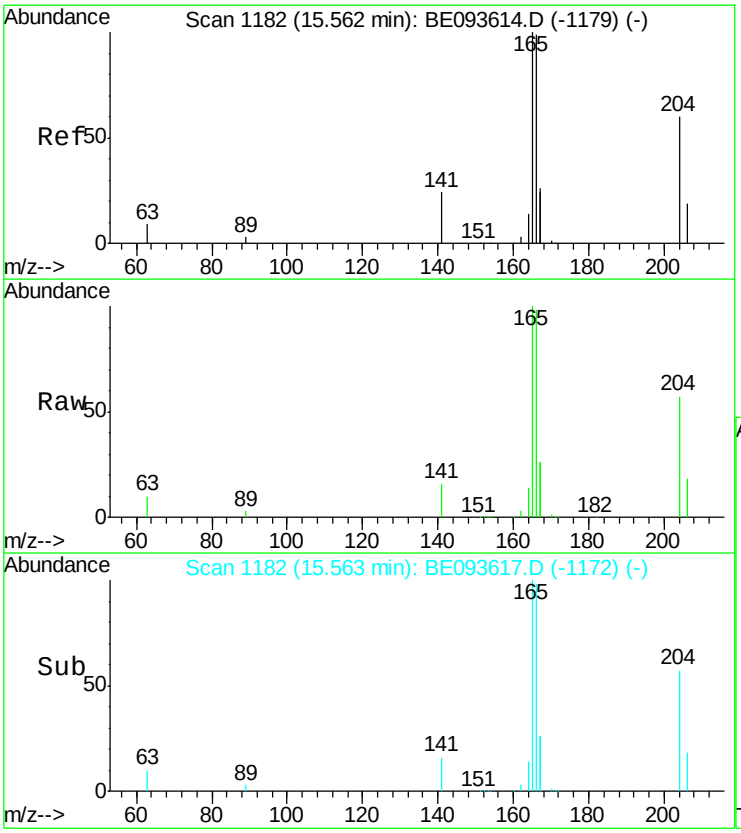
#17
Acenaphthene
Concen: 3.210 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 79292

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.2	136.8
152	53.4	44.8	67.2

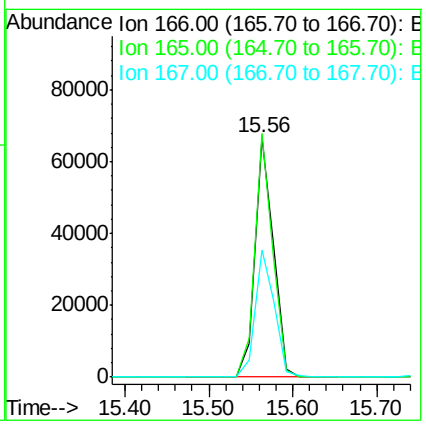


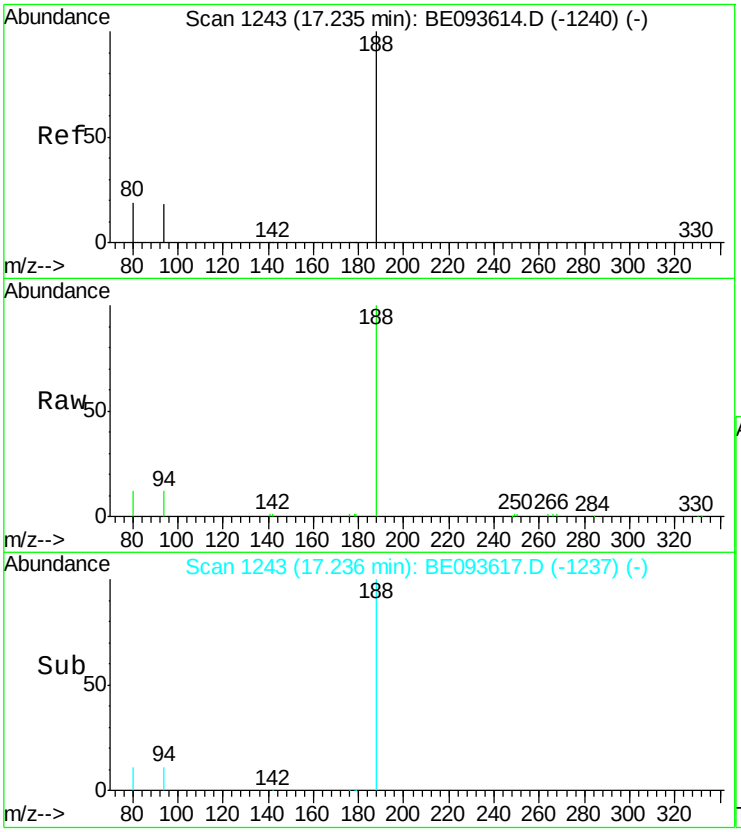


#18
Fluorene
Concen: 2.953 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:166 Resp: 102675

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	54.3	11.1	16.7#



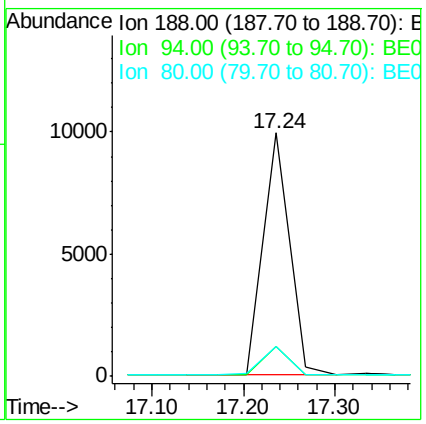


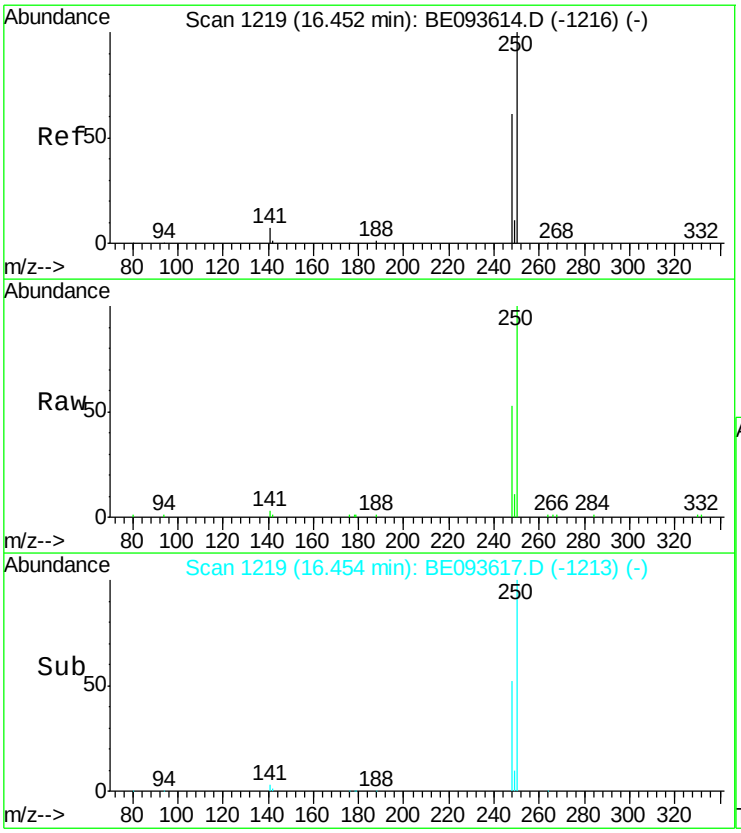
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 20153

Ion	Ratio	Lower	Upper
188	100		
94	12.0	11.3	16.9
80	12.2	11.7	17.5

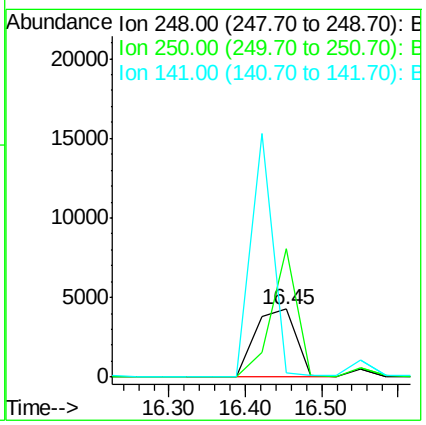


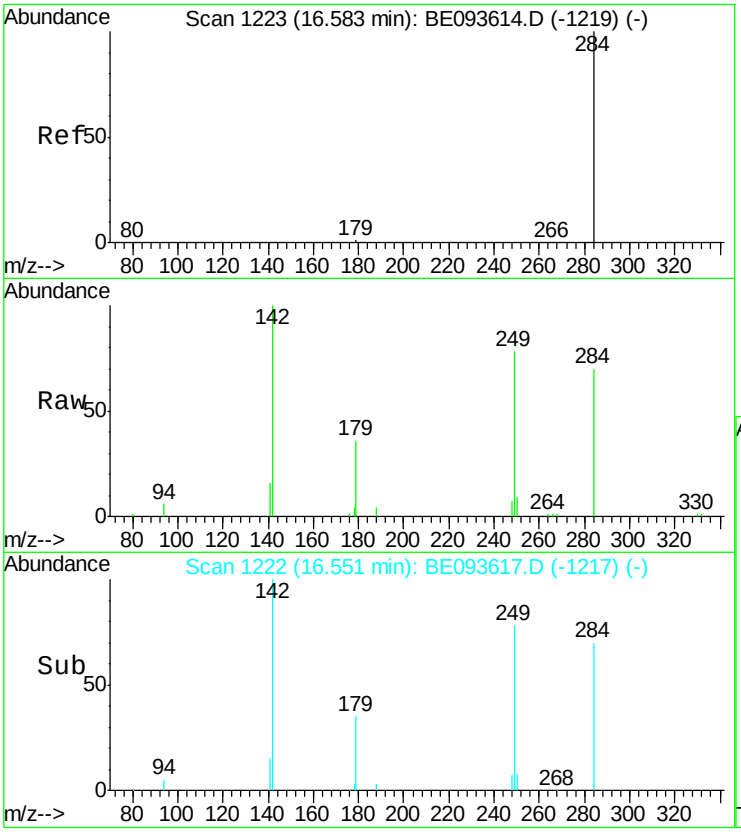


#20
4-Bromophenyl-phenylether
Concen: 1.994 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:248 Resp: 15658

Ion	Ratio	Lower	Upper
248	100		
250	189.6	128.0	192.0
141	6.5	12.0	18.0#



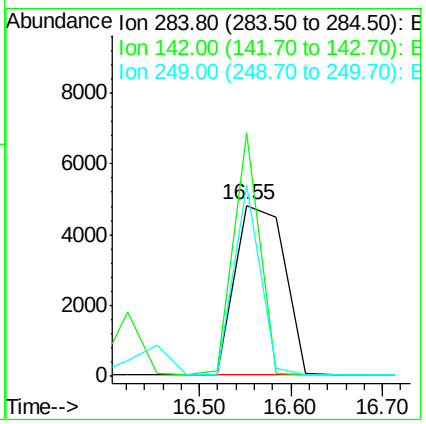


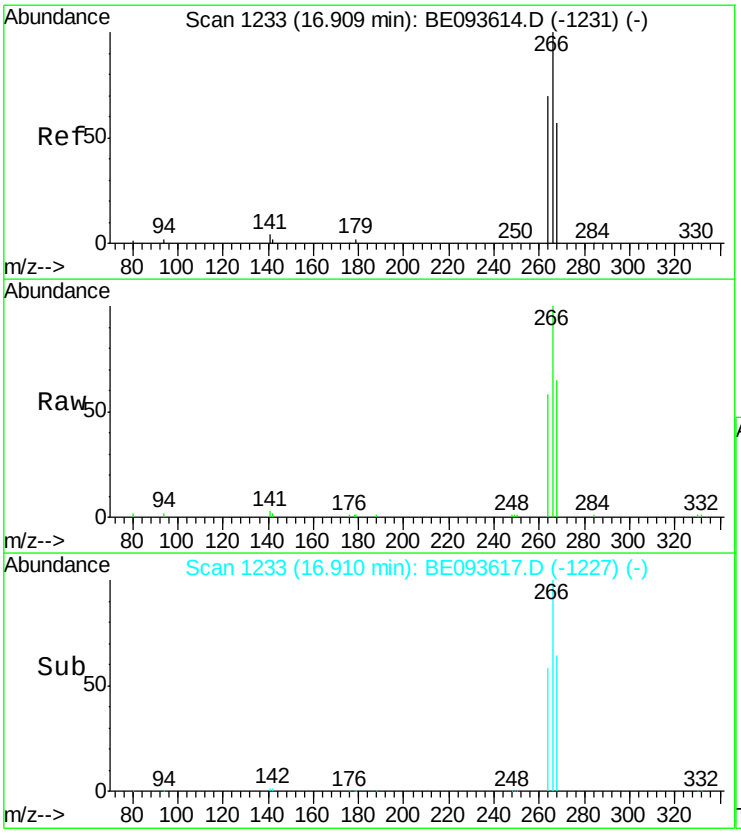
#21
Hexachlorobenzene
Concen: 2.394 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 18078

Ion	Ratio	Lower	Upper
284	100		
142	74.9	0.0	0.0#
249	59.5	0.0	0.0#

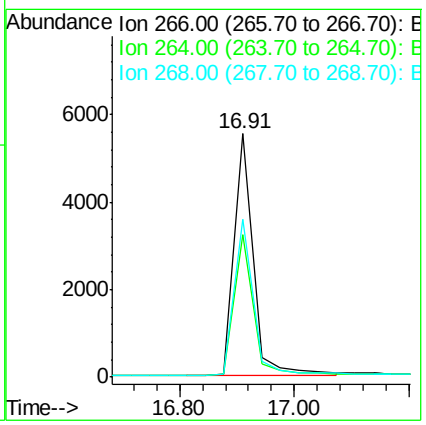


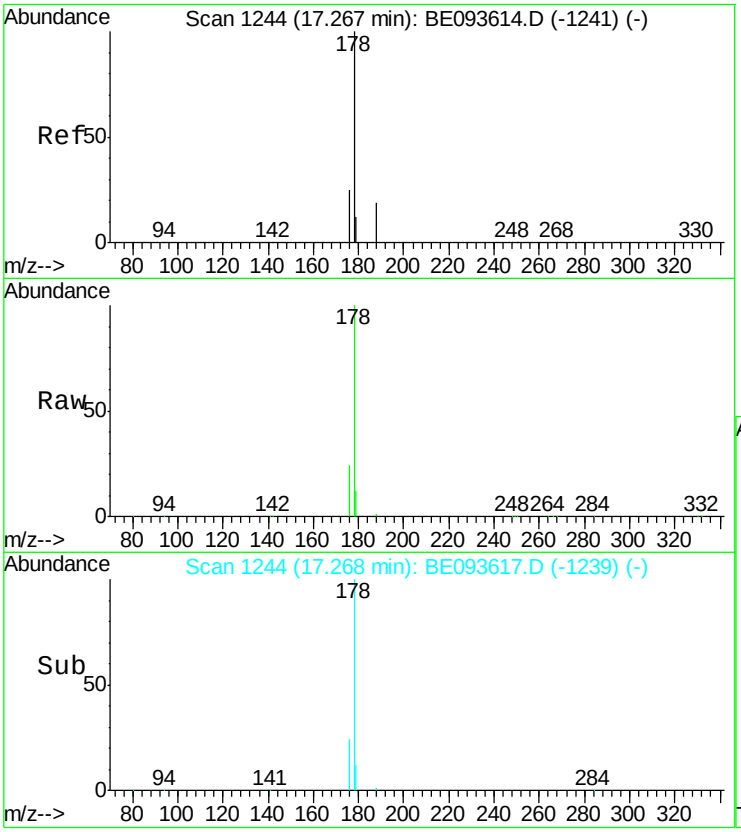


#22
Pentachlorophenol
Concen: 2.807 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:266 Resp: 12379

Ion	Ratio	Lower	Upper
266	100		
264	58.4	56.0	84.0
268	64.6	52.0	78.0



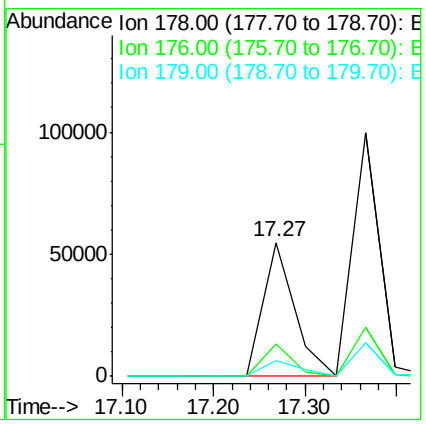


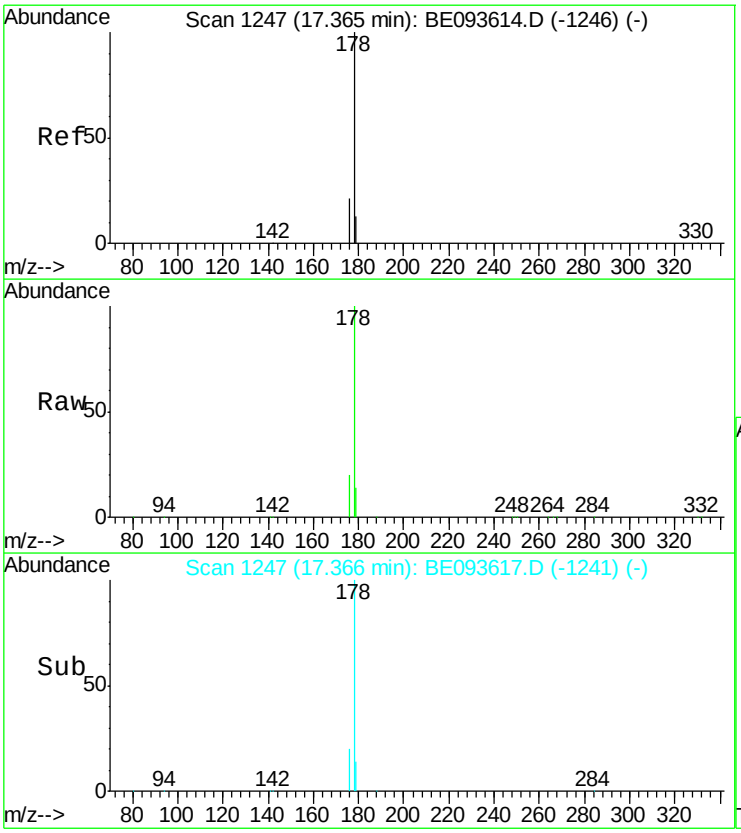
#23
Phenanthrene
Concen: 2.865 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 130935

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.0	22.4
179	0.0	12.7	19.1#

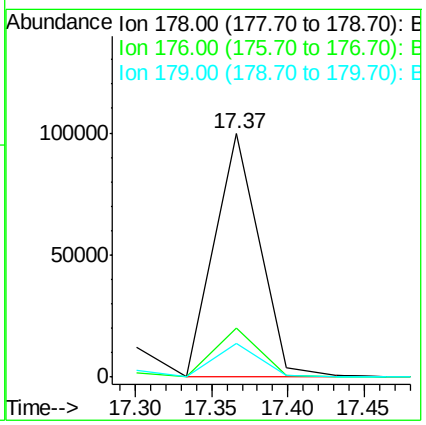


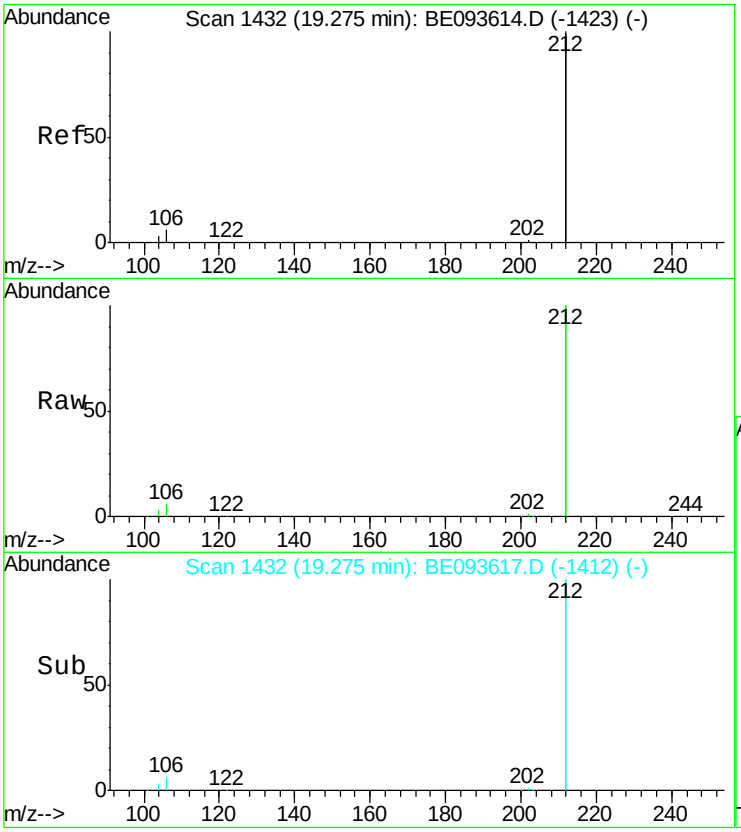


#24
Anthracene
Concen: 2.885 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:178 Resp: 201600

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	23.0	12.0	18.0#



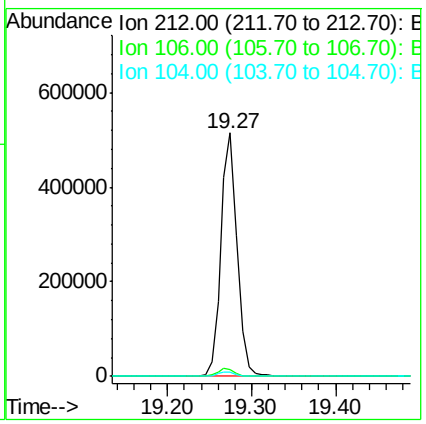


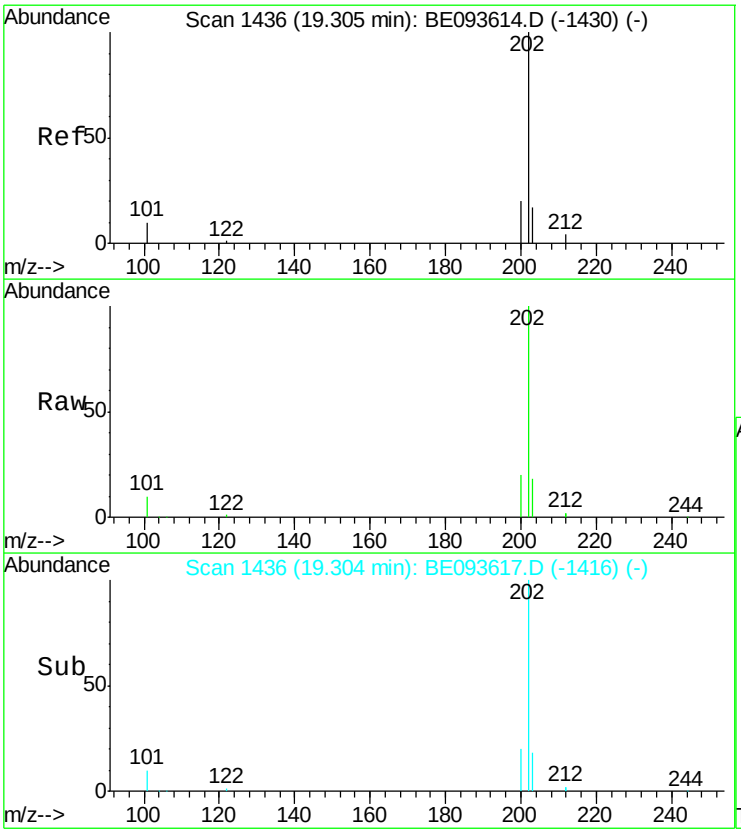
#25
Fluoranthene-d10
Concen: 2.165 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 694811

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

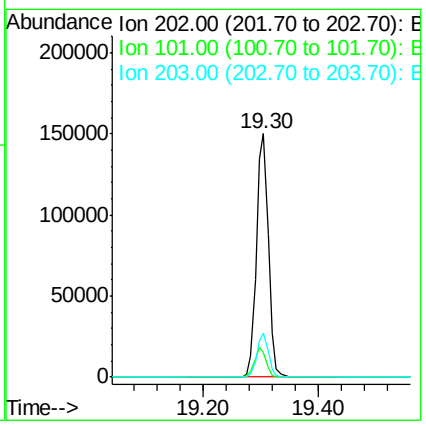


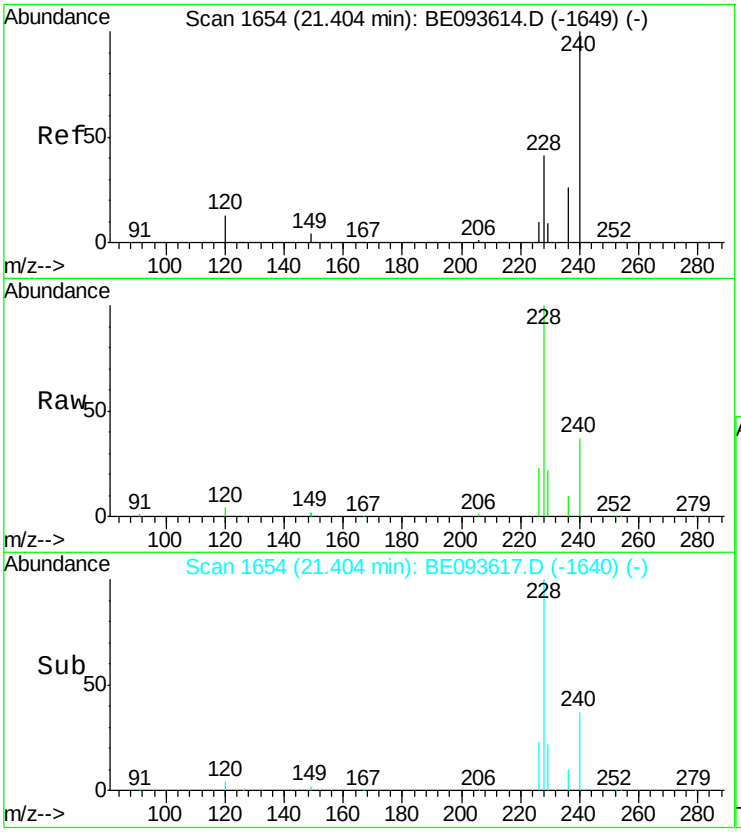


#26
Fluoranthene
Concen: 2.209 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:202 Resp: 215390

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



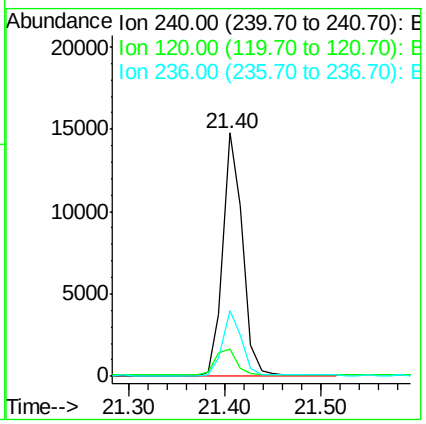


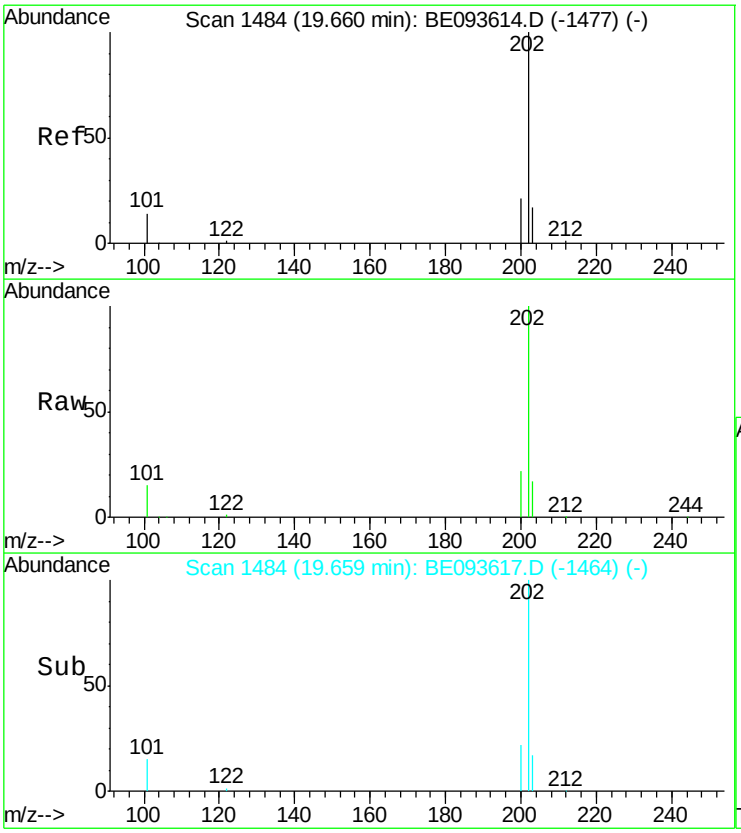
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 20928

Ion	Ratio	Lower	Upper
240	100		
120	11.4	4.6	7.0#
236	26.9	20.8	31.2

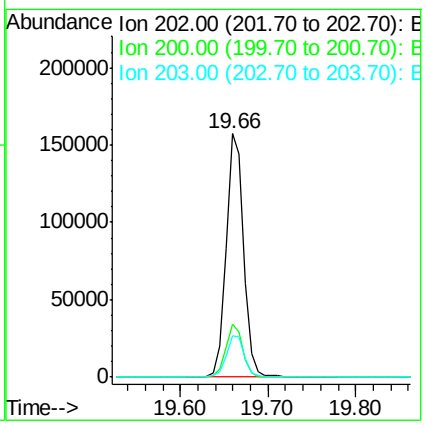


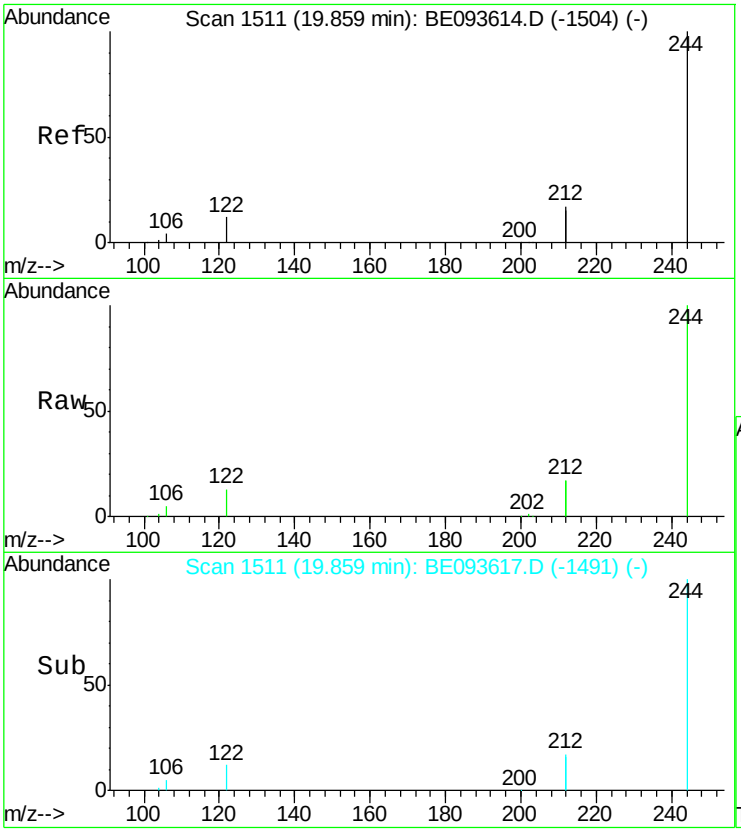


#28
Pyrene
Concen: 3.215 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:202 Resp: 218029

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	17.6	13.7	20.5



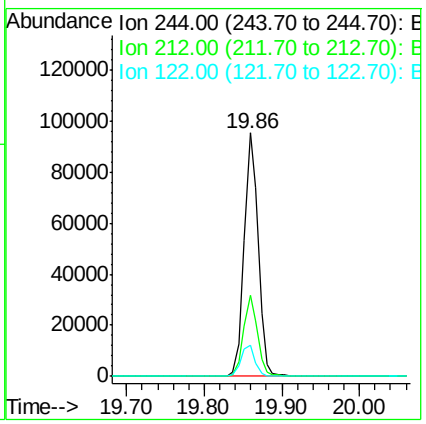


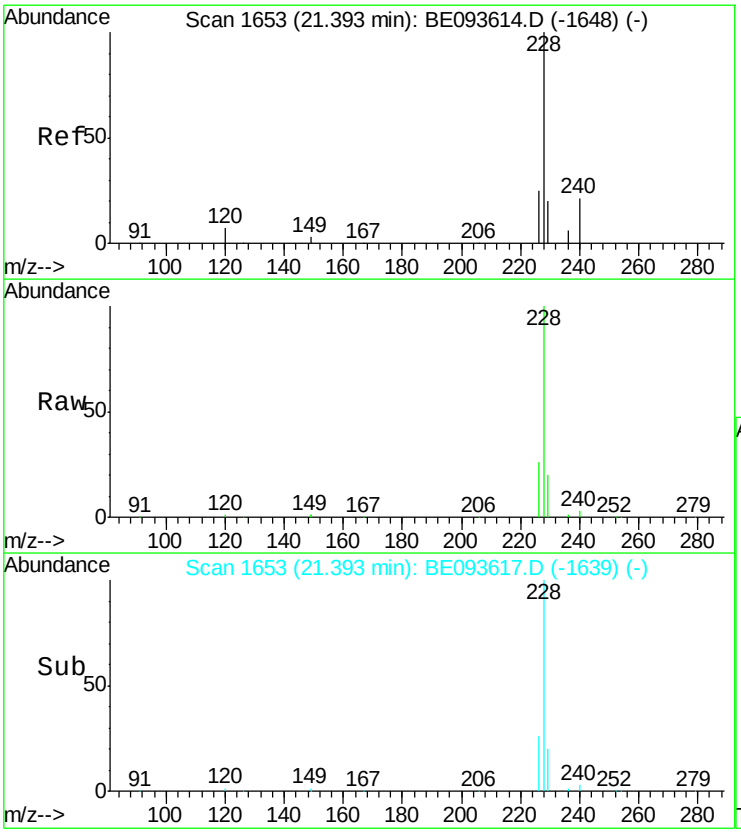
#29
Terphenyl-d14
Concen: 3.137 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 119479

Ion	Ratio	Lower	Upper
244	100		
212	33.3	10.6	16.0#
122	12.5	15.4	23.0#

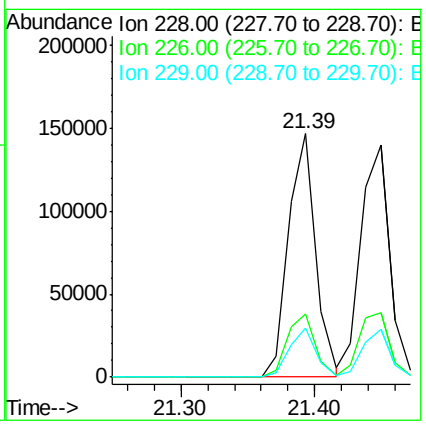


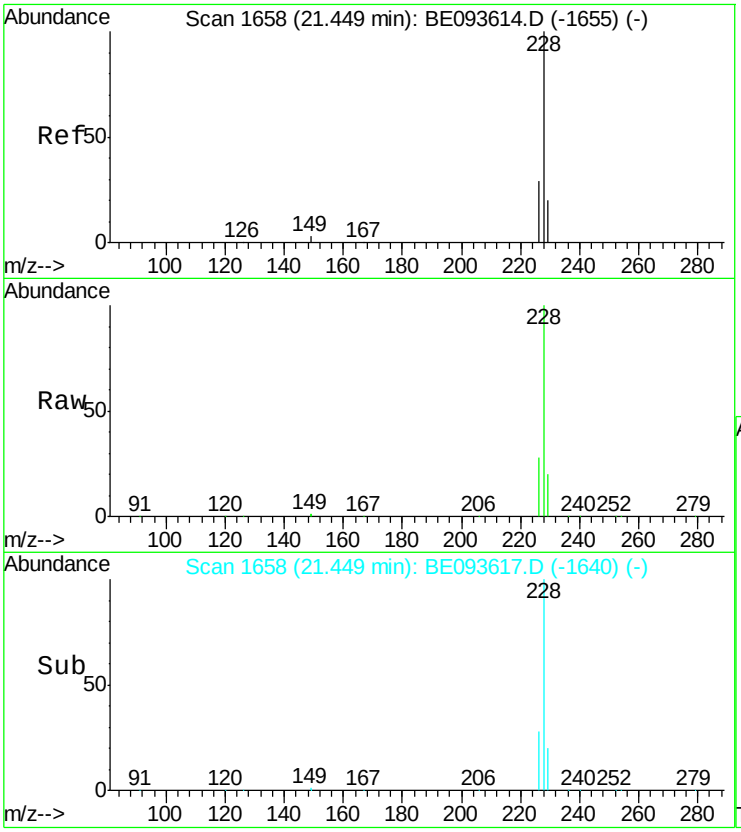


#30
Benzo(a)anthracene
Concen: 3.077 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:228 Resp: 207138

Ion	Ratio	Lower	Upper
228	100		
226	25.7	19.7	29.5
229	20.2	19.2	28.8



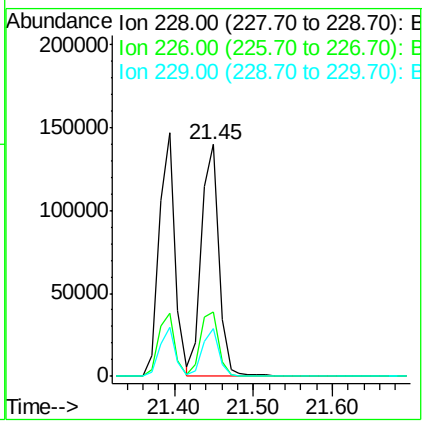


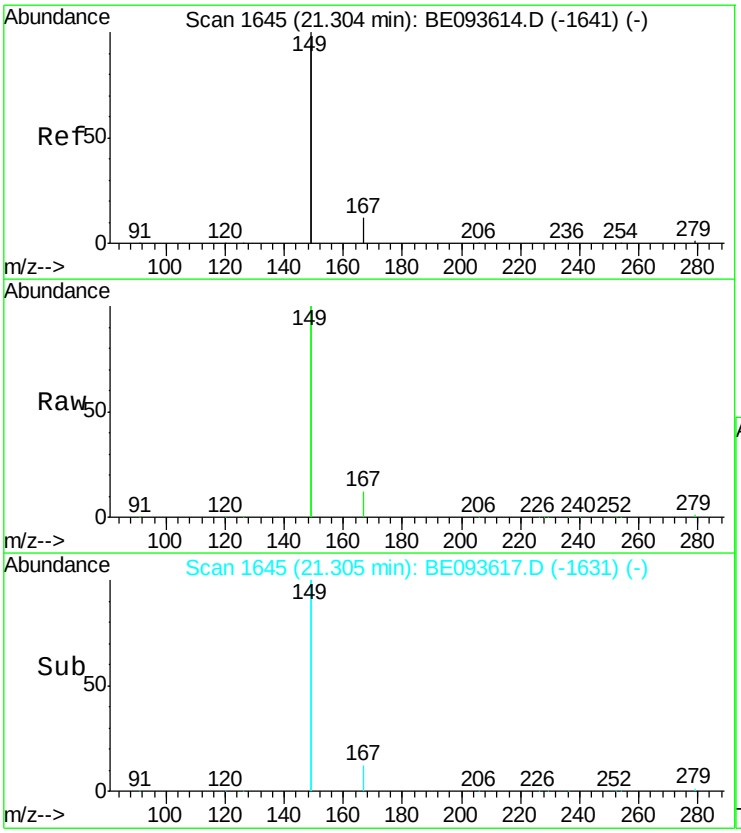
#31
Chrysene
Concen: 3.172 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 211621

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.5	32.3
229	20.3	18.6	28.0

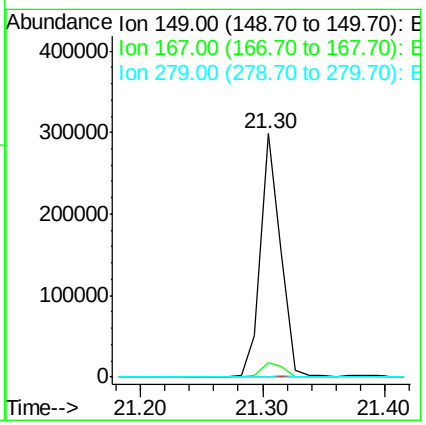


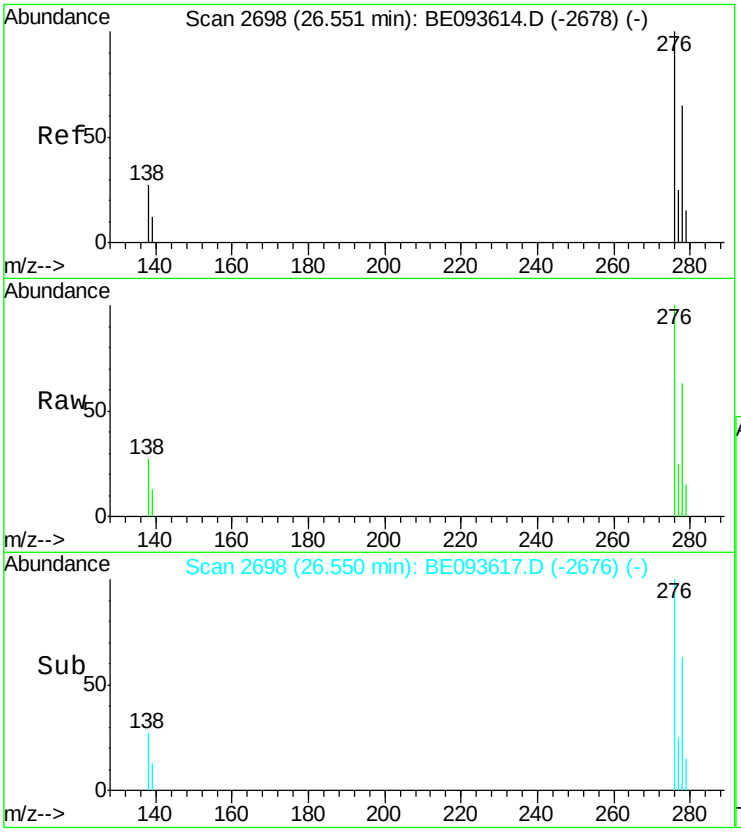


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.334 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:149 Resp: 340505

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



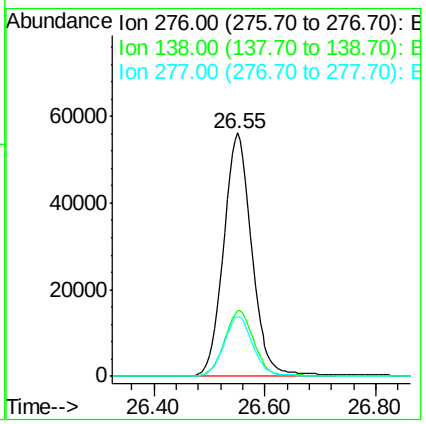


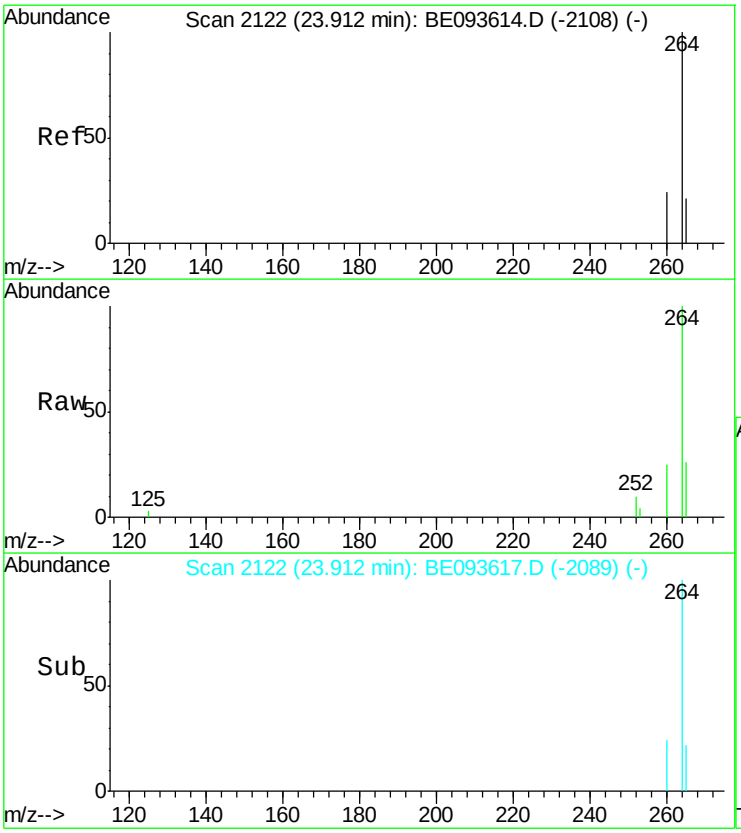
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.116 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 196639

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.4	41.2
277	25.1	20.1	30.1

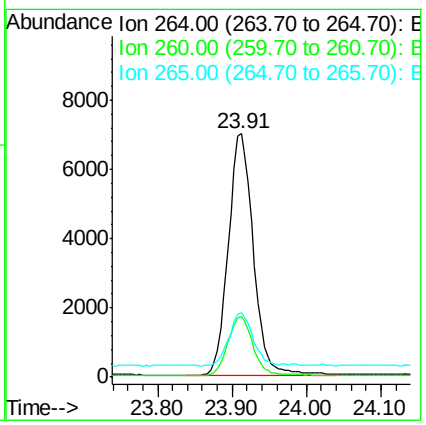


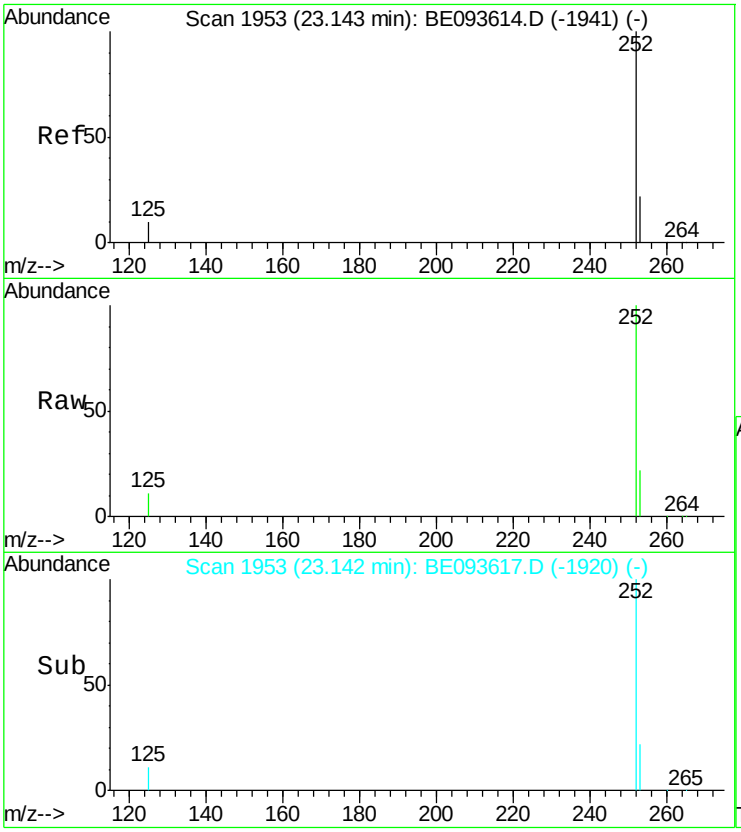


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:264 Resp: 16235

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.0	31.4
265	26.4	24.6	36.8



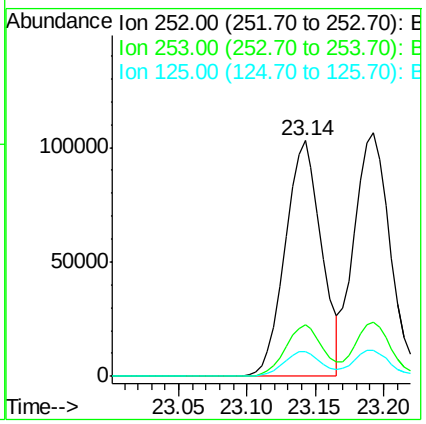


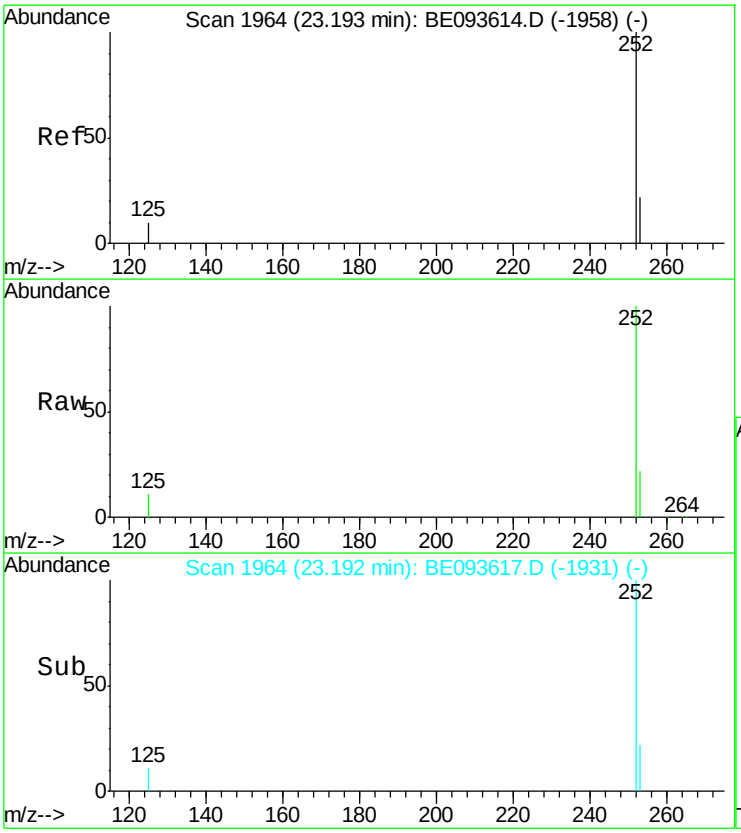
#35
Benzo(b)fluoranthene
Concen: 3.330 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 189861

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	10.7	13.4	20.0#

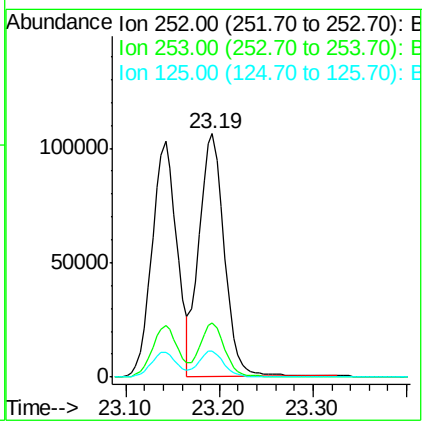


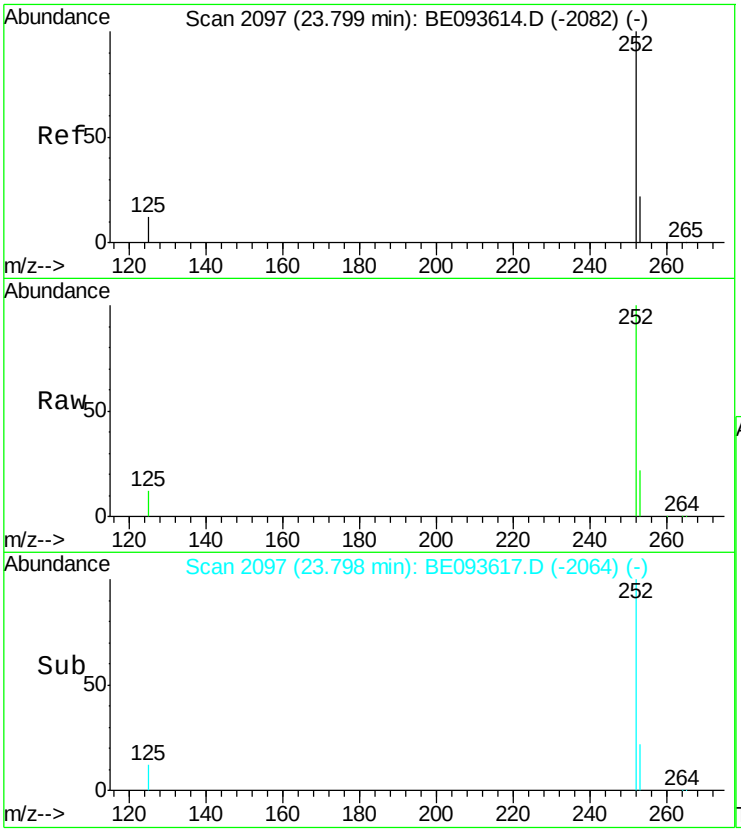


#36
Benzo(k)fluoranthene
Concen: 3.509 ng
RT: 23.19 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:252 Resp: 197695

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.3	30.5
125	10.7	12.2	18.4#



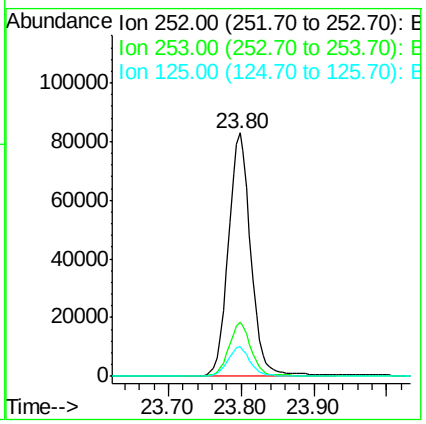


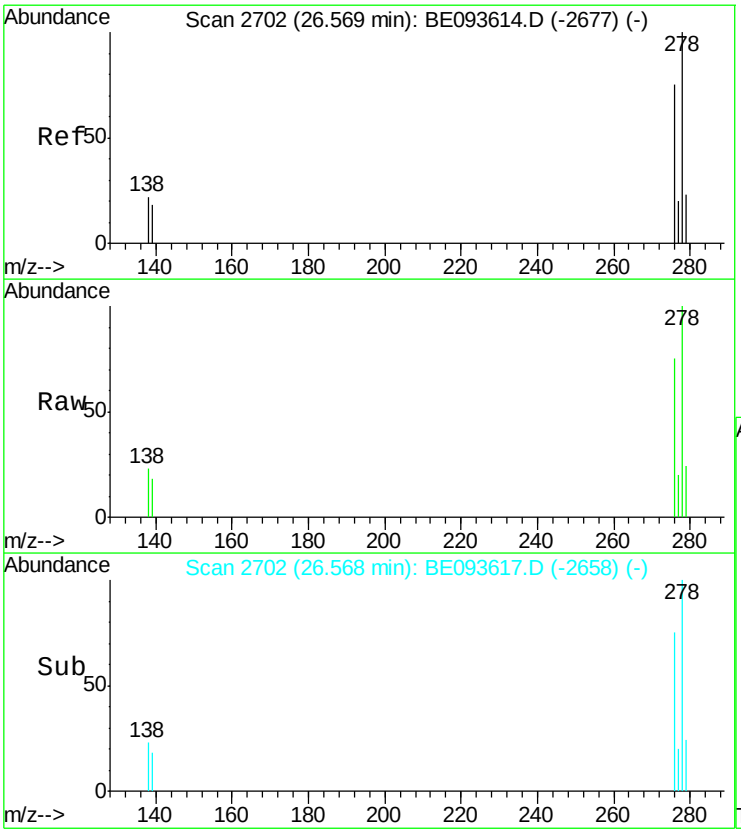
#37
Benzo(a)pyrene
Concen: 3.349 ng
RT: 23.80 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 177520

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	12.1	14.6	21.8#

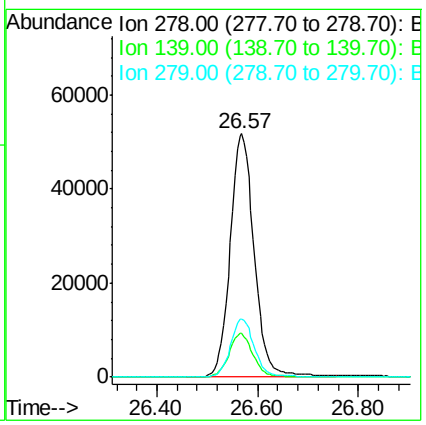


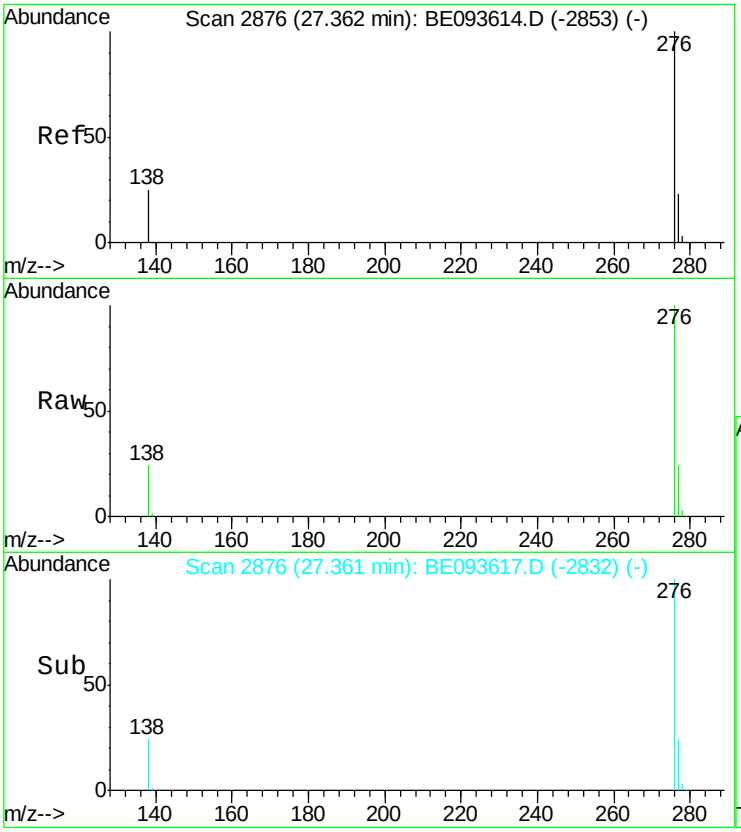


#38
Dibenzo(a,h)anthracene
Concen: 3.424 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Tgt Ion:278 Resp: 171595

Ion	Ratio	Lower	Upper
278	100		
139	17.8	21.4	32.0#
279	24.0	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 3.366 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093617.D
Acq: 1 Aug 2017 15:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 169373

Ion	Ratio	Lower	Upper
276	100		
277	23.7	21.2	31.8
138	23.7	24.5	36.7#