Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093613.D
Acq On : 1 Aug 2017 12:59
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Aug 01 14:42:32 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	7.93	152	2290	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	11079	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	6366	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	16609	0.40	ng		0.00
27) Chrysene-d12	21.40	240	17677	0.40	ng		0.00
34) Perylene-d12	23.92	264	14778	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1363	0.17	ng		0.00
5) Phenol-d6	7.10	99	2197	0.20	ng		0.00
8) Nitrobenzene-d5	9.06	82	1637	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	3485	0.19	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	246	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5281	0.21	ng		0.00
25) Fluoranthene-d10	19.27	212	35841	0.14	ng		0.00
29) Terphenyl-d14	19.86	244	6427	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	792	0.208	ng	#	92
3) n-Nitrosodimethylamine	3.75	42	620	0.165	ng	#	86
6) bis(2-Chloroethyl)ether	7.34	93	1780	0.201	ng	#	100
9) Naphthalene	10.76	128	26593	0.206	ng		99
10) Hexachlorobutadiene	11.04	225	997	0.199	ng		97
12) 2-Methylnaphthalene	12.36	142	4345	0.201	ng		96
16) Acenaphthylene	14.24	152	5873	0.183	ng	#	88
17) Acenaphthene	14.58	154	4318	0.198	ng		98
18) Fluorene	15.56	166	5967	0.195	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	1074	0.166	ng	#	95
21) Hexachlorobenzene	16.55	284	1127	0.181	ng	#	100
22) Pentachlorophenol	16.91	266	348	0.096	ng		93
23) Phenanthrene	17.27	178	7539	0.200	ng		96
24) Anthracene	17.37	178	9634	0.167	ng		97
26) Fluoranthene	19.30	202	11379	0.142	ng		98
28) Pyrene	19.67	202	11890	0.208	ng	#	100
30) Benzo(a)anthracene	21.39	228	10357	0.182	ng		95
31) Chrysene	21.45	228	12072	0.214	ng		95
32) Bis(2-ethylhexyl)phthalate	21.30	149	13236	0.107	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	10883	0.204	ng		93
35) Benzo(b)fluoranthene	23.14	252	10625	0.205	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	10625	0.207	ng		96
37) Benzo(a)pyrene	23.80	252	9662	0.200	ng	#	96
38) Dibenzo(a,h)anthracene	26.57	278	9136	0.200	ng	#	91
39) Benzo(g,h,i)perylene	27.36	276	9528	0.208	ng		96

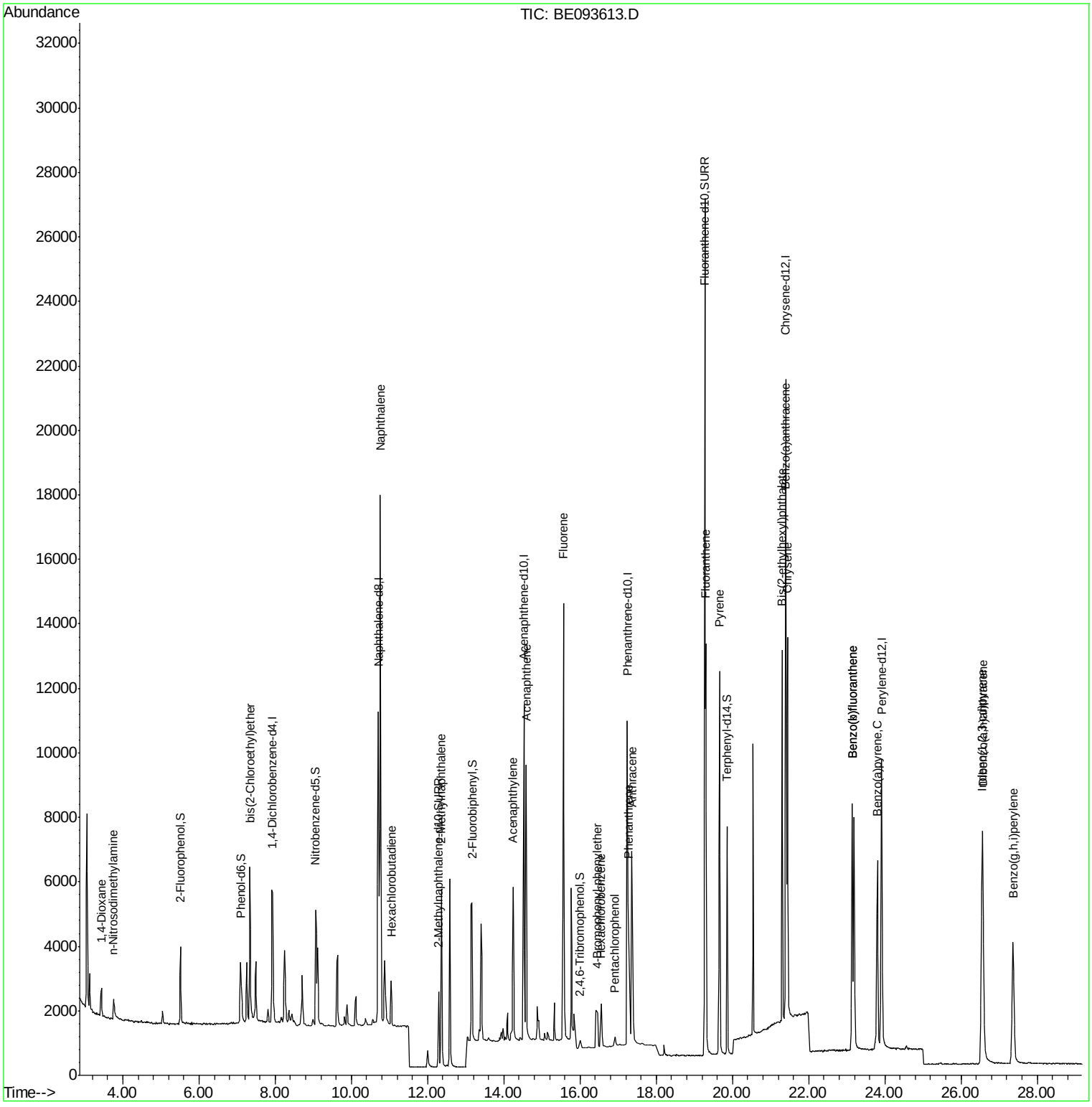
(#) = qualifier out of range (m) = manual integration (+) = signals summed

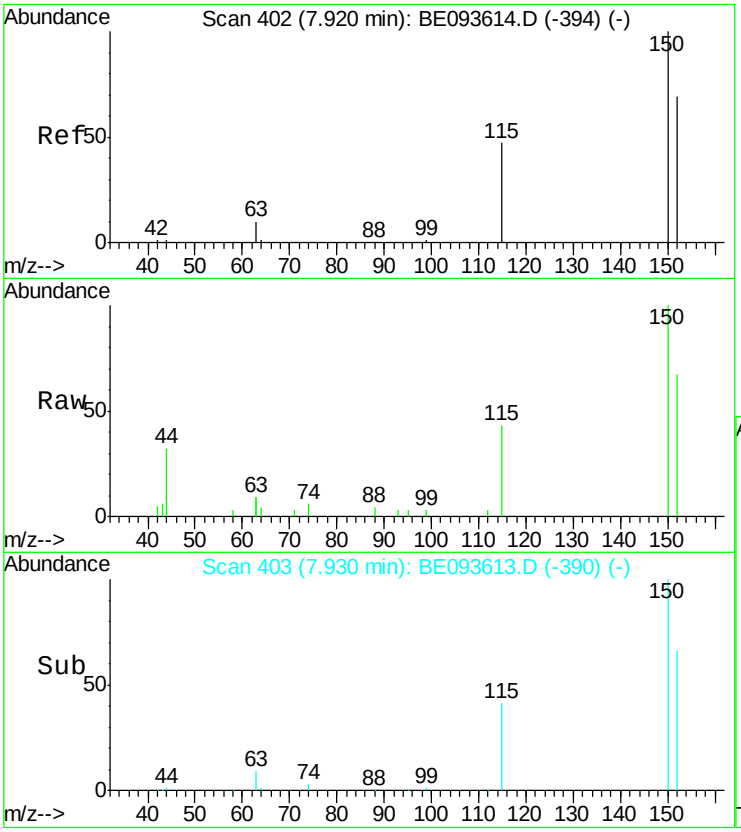
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080117\
Data File : BE093613.D
Acq On : 1 Aug 2017 12:59
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 01 14:42:32 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



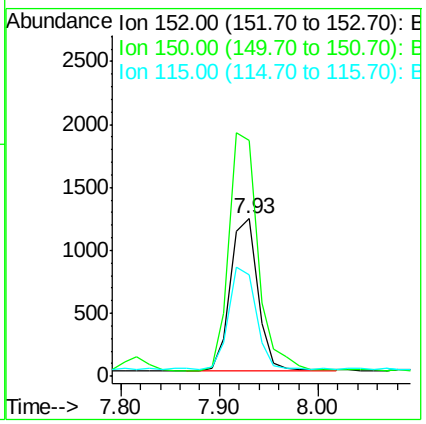


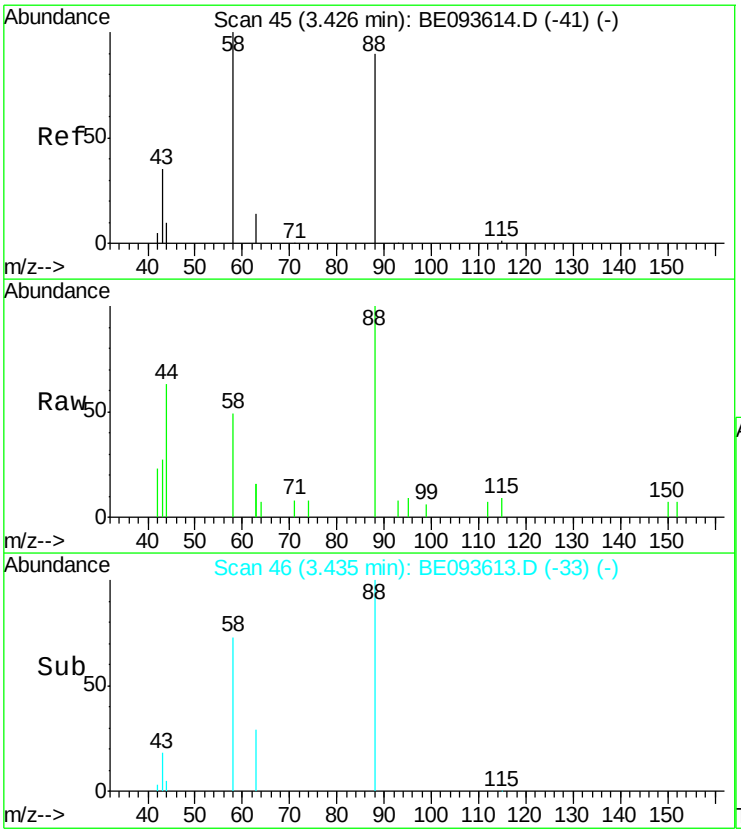
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2290

Ion	Ratio	Lower	Upper
152	100		
150	150.2	125.1	187.7
115	64.4	55.7	83.5

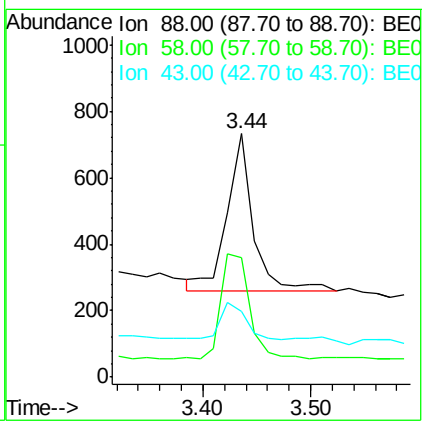


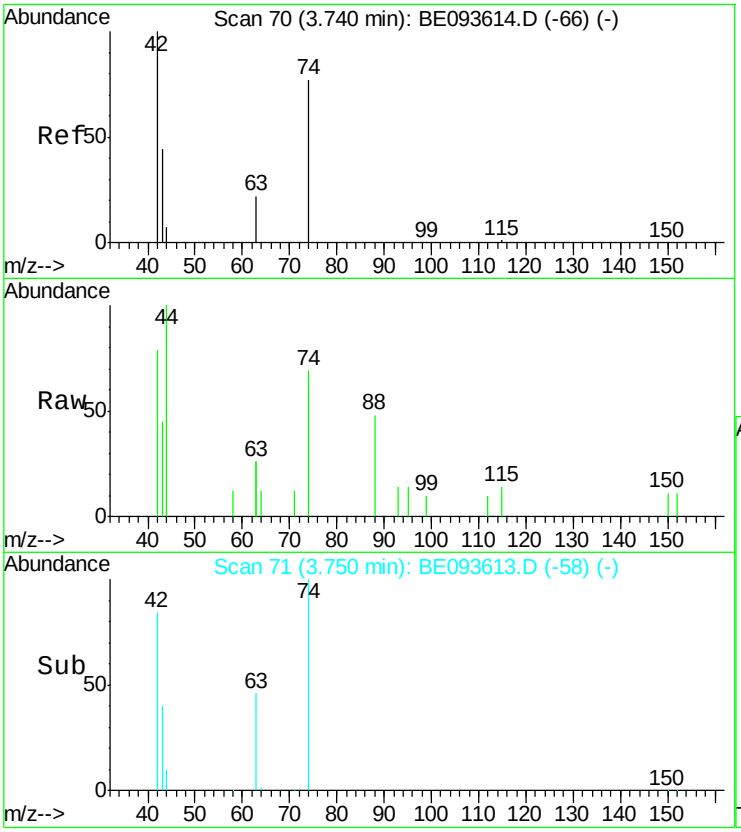


#2
1,4-Dioxane
Concen: 0.208 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion: 88 Resp: 792

Ion	Ratio	Lower	Upper
88	100		
58	73.2	62.2	93.4
43	21.7	23.2	34.8#



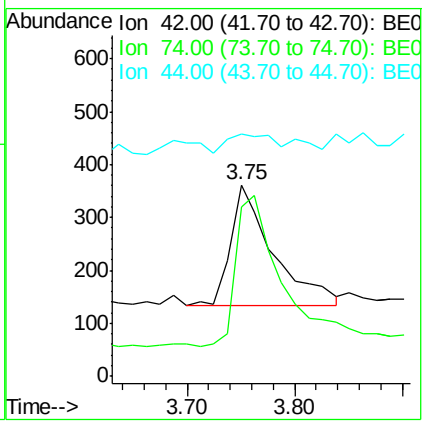


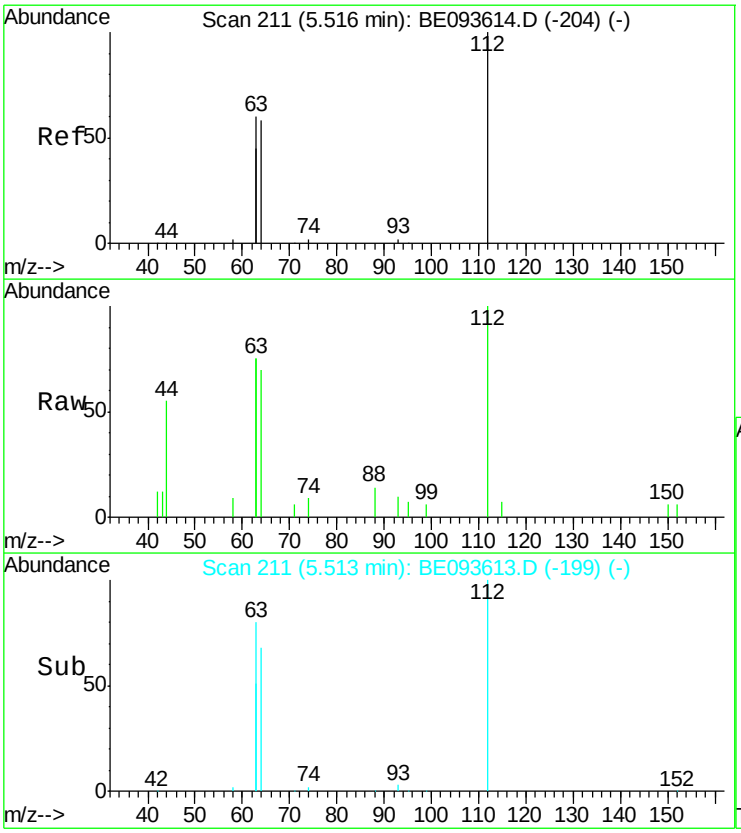
#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 620

Ion	Ratio	Lower	Upper
42	100		
74	137.6	99.1	148.7
44	24.5	7.4	11.2#

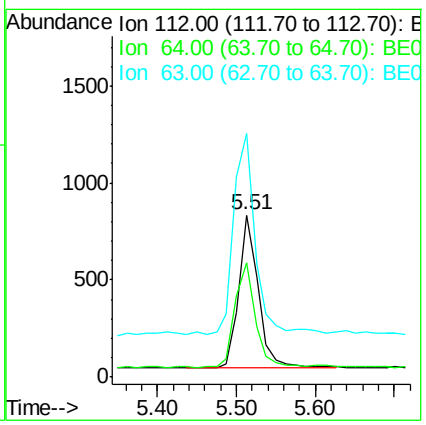


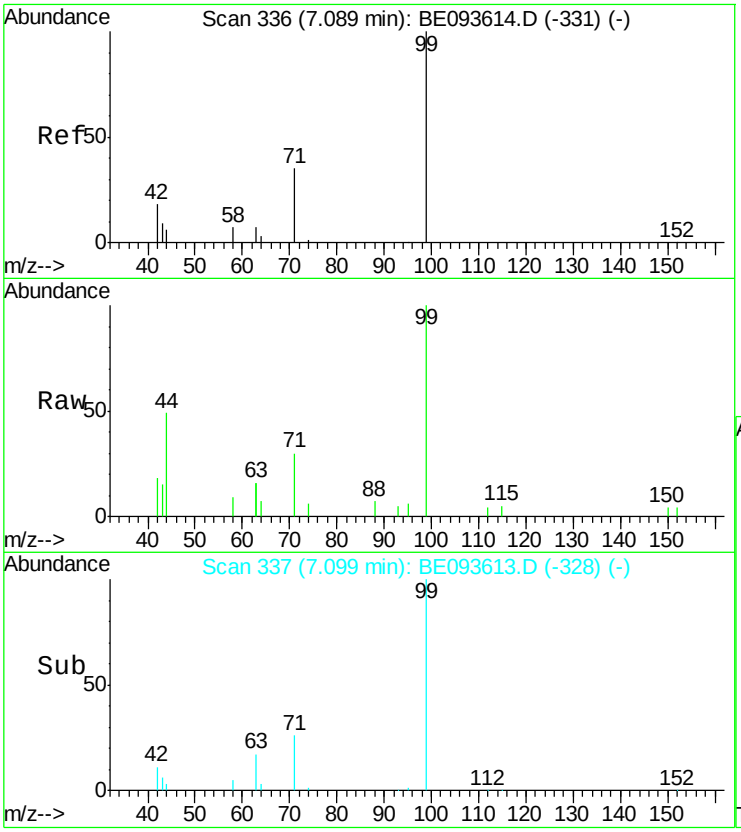


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:112 Resp: 1363

Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.4	84.6
63	143.3	29.3	43.9#



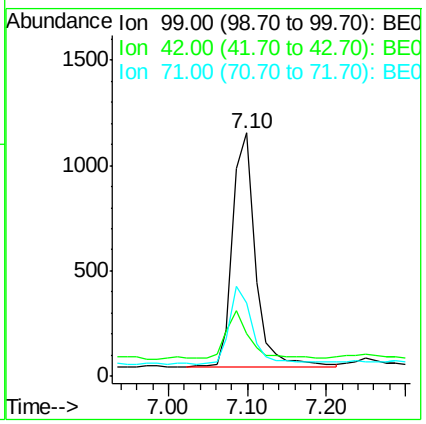


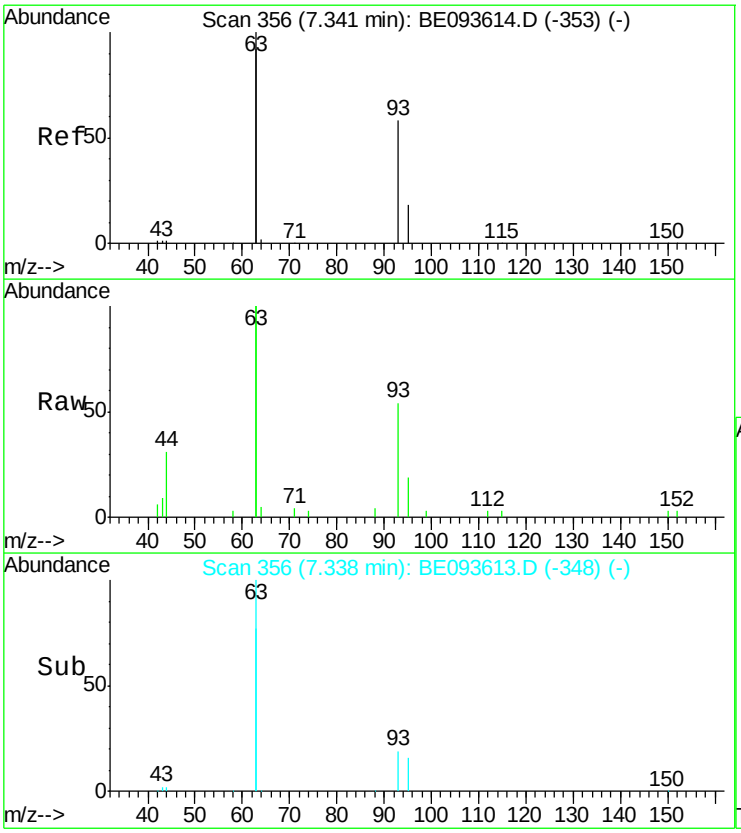
#5
Phenol-d6
Concen: 0.197 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2197

Ion	Ratio	Lower	Upper
99	100		
42	20.7	0.0	0.0#
71	33.6	0.0	0.0#

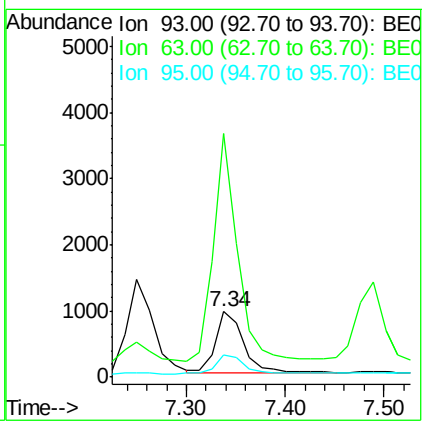


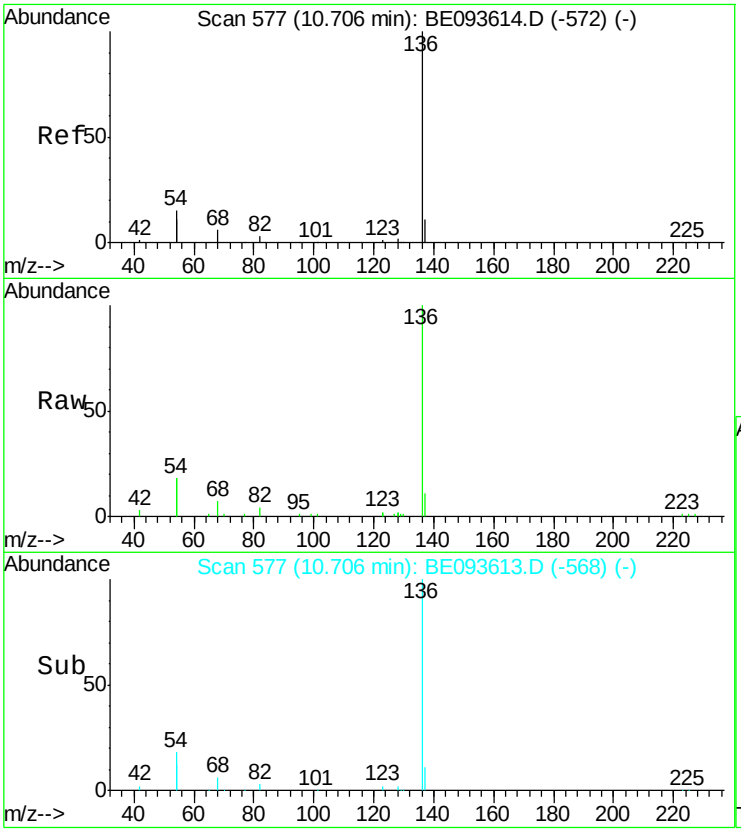


#6
bis(2-Chloroethyl)ether
Concen: 0.201 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion: 93 Resp: 1780

Ion	Ratio	Lower	Upper
93	100		
63	332.8	0.0	0.0#
95	31.7	25.4	38.0



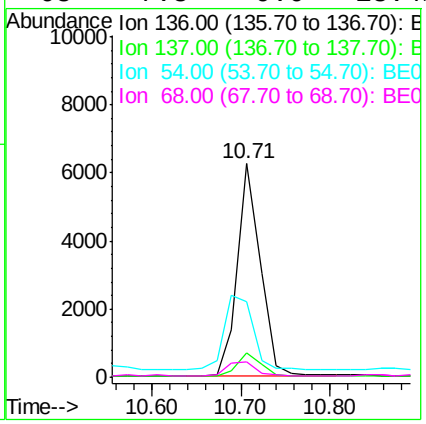


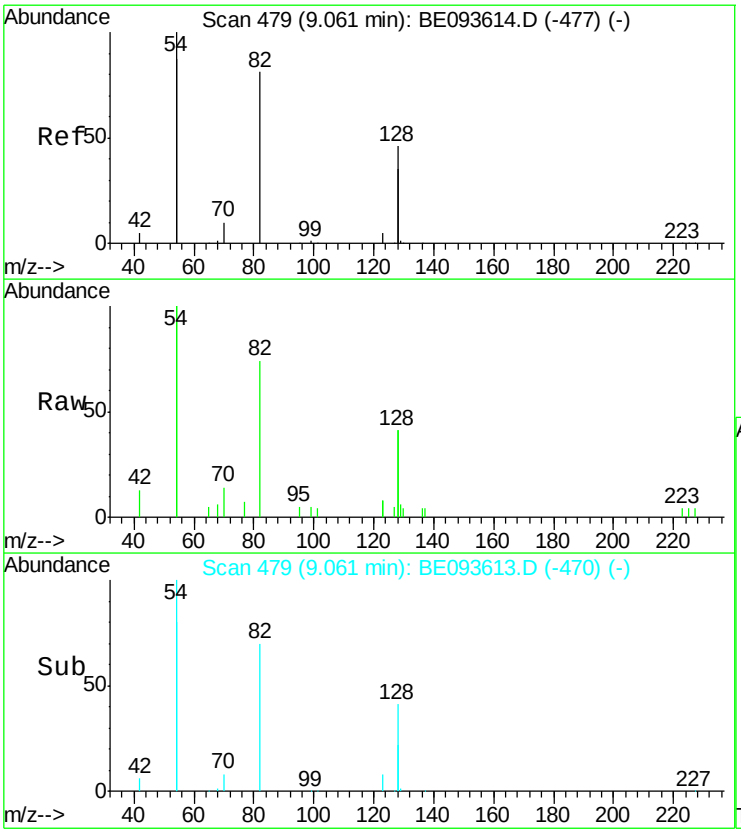
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 11079

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	35.3	10.3	15.5#
68	7.3	9.0	13.4#

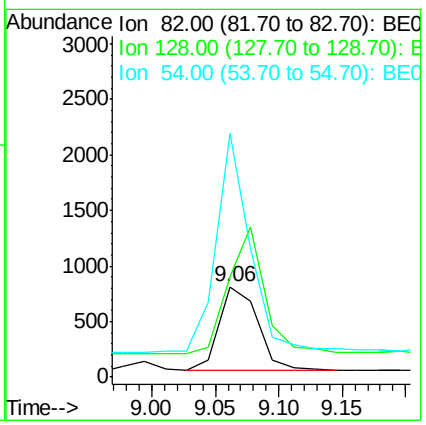


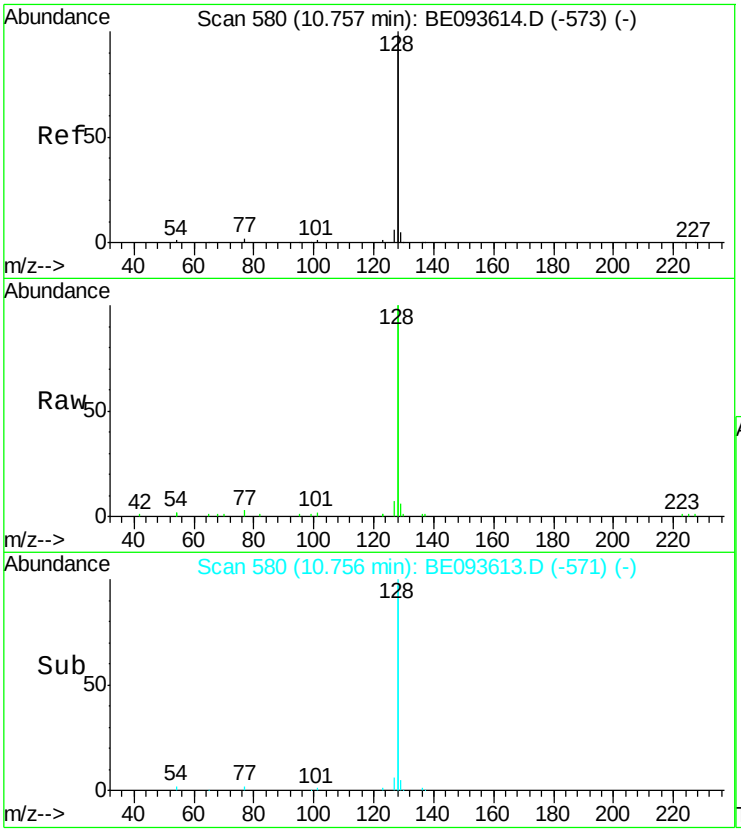


#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion: 82 Resp: 1637

Ion	Ratio	Lower	Upper
82	100		
128	111.3	17.0	25.4#
54	268.6	53.8	80.6#



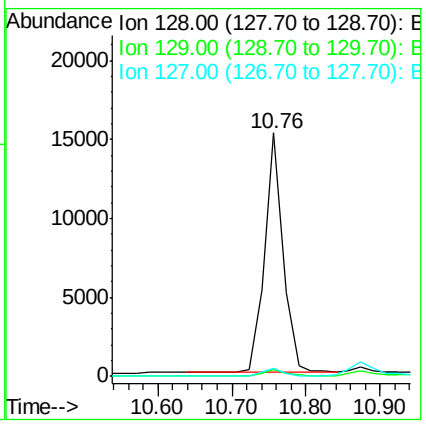


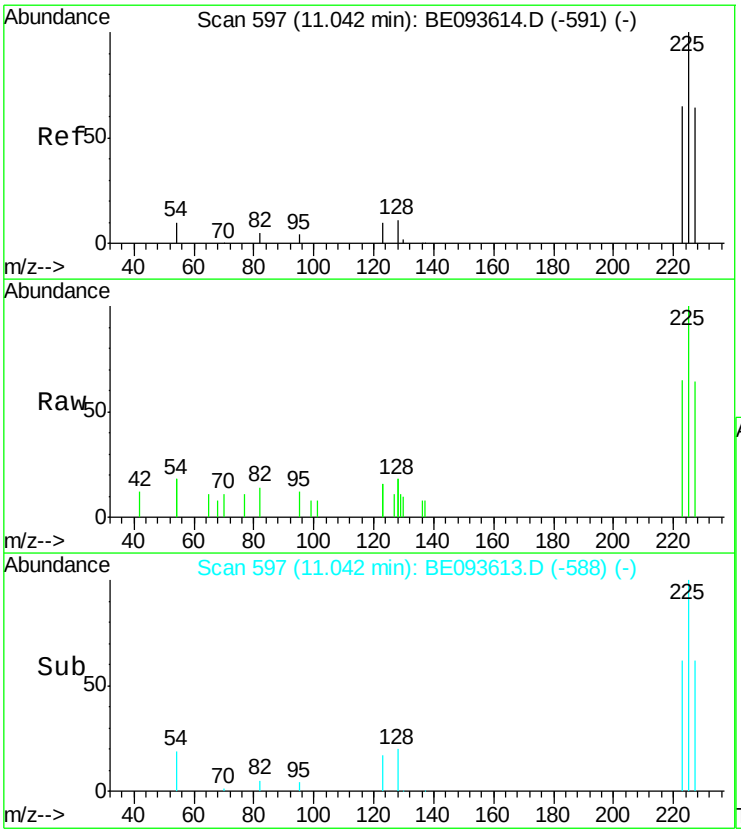
#9
Naphthalene
Concen: 0.206 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 26593

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.3	2.4	3.6

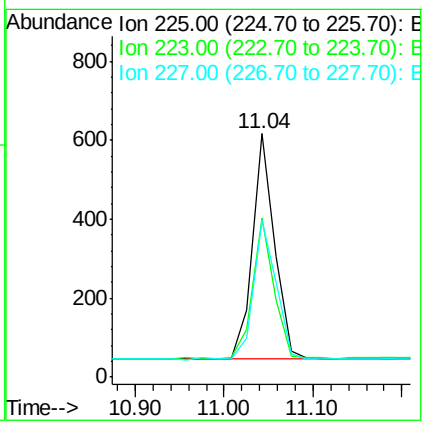


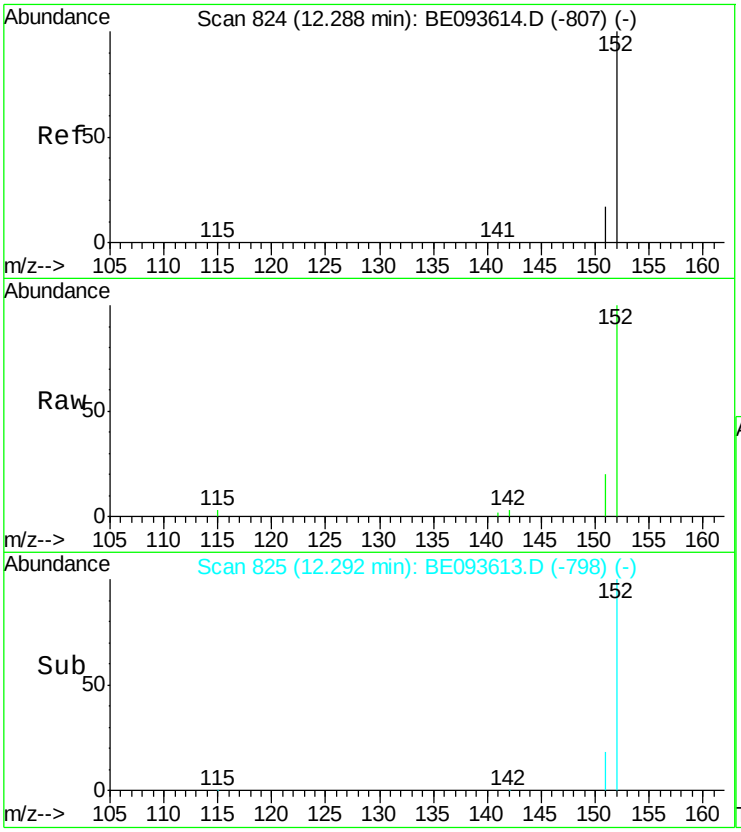


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:225 Resp: 997

Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.7	74.5
227	65.3	50.3	75.5



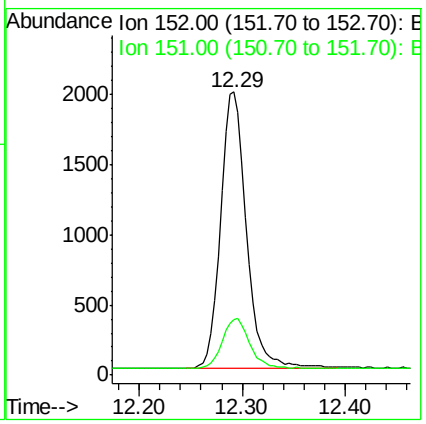


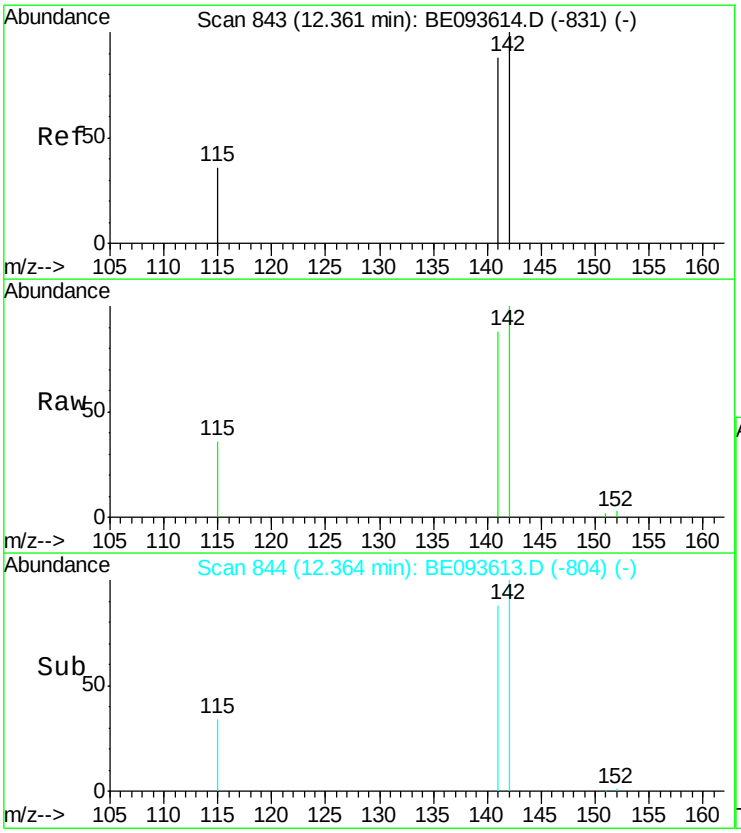
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3485

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

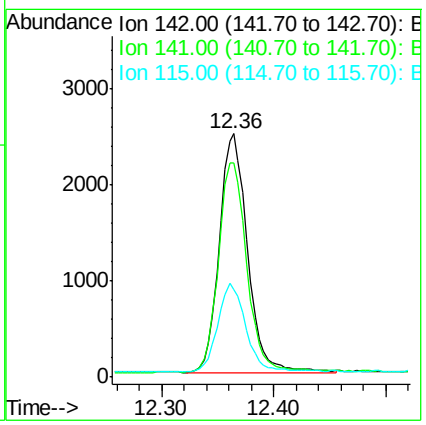


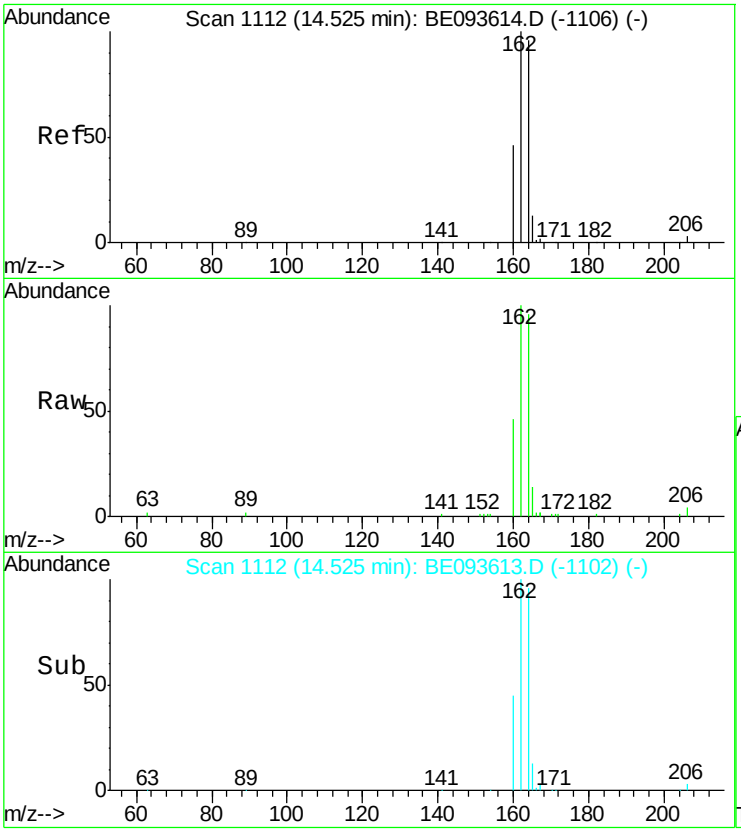


#12
2-Methylnaphthalene
Concen: 0.201 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:142 Resp: 4345

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8
115	36.0	32.2	48.2



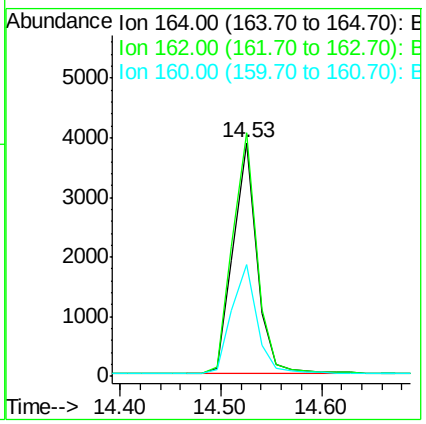


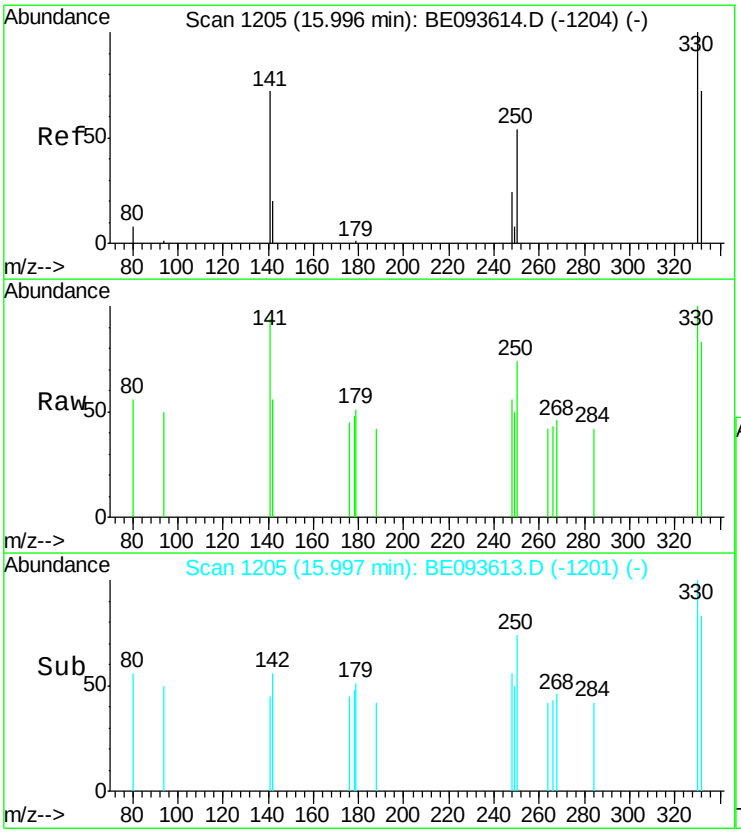
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 6366

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.6	127.0
160	47.8	41.8	62.6

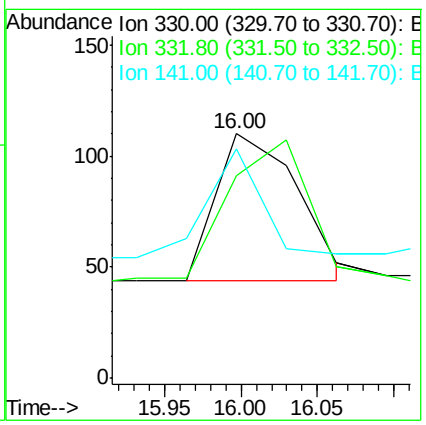


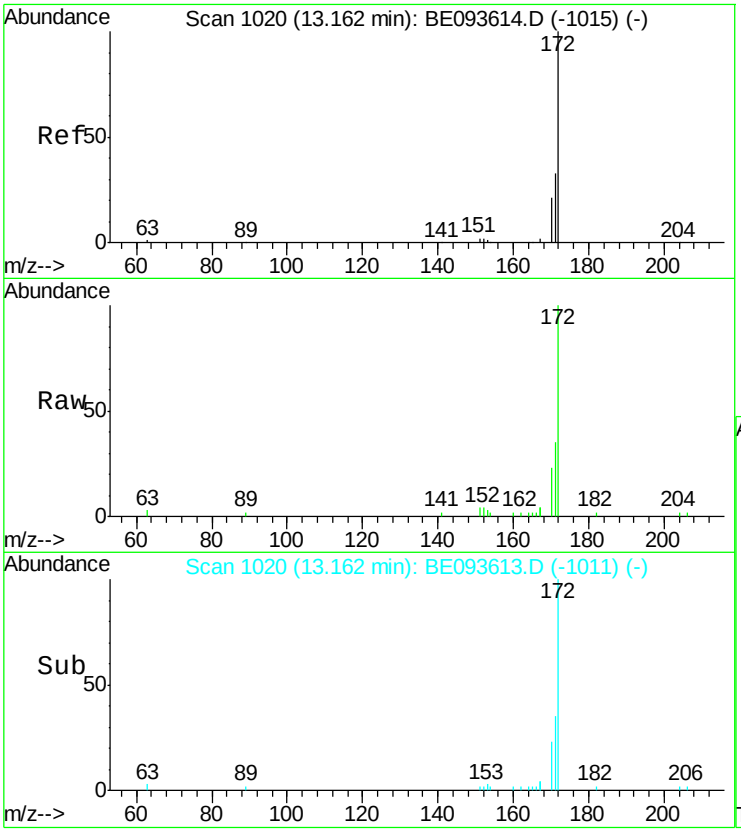


#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:330 Resp: 246

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	50.8	56.2	84.4#



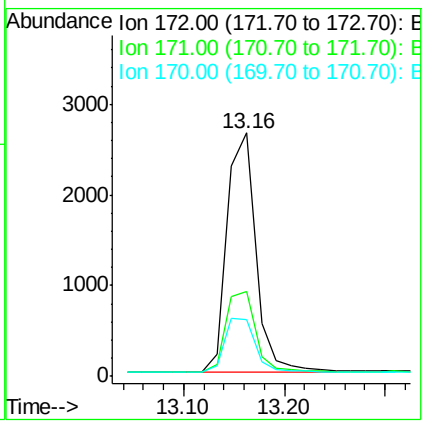


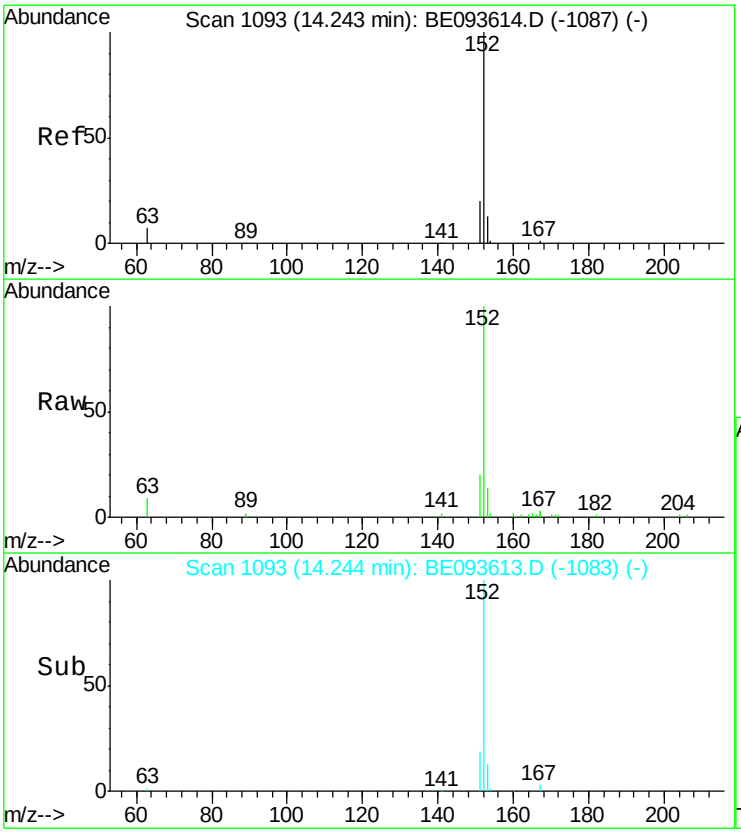
#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 5281

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.8	44.6
170	23.1	20.7	31.1

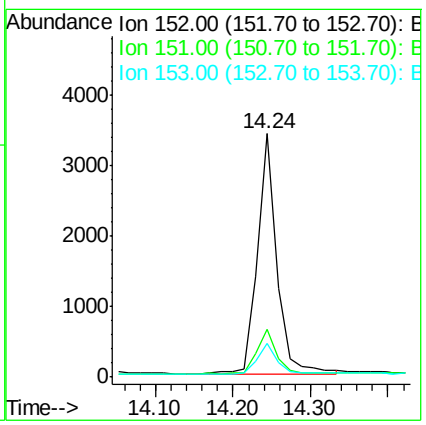


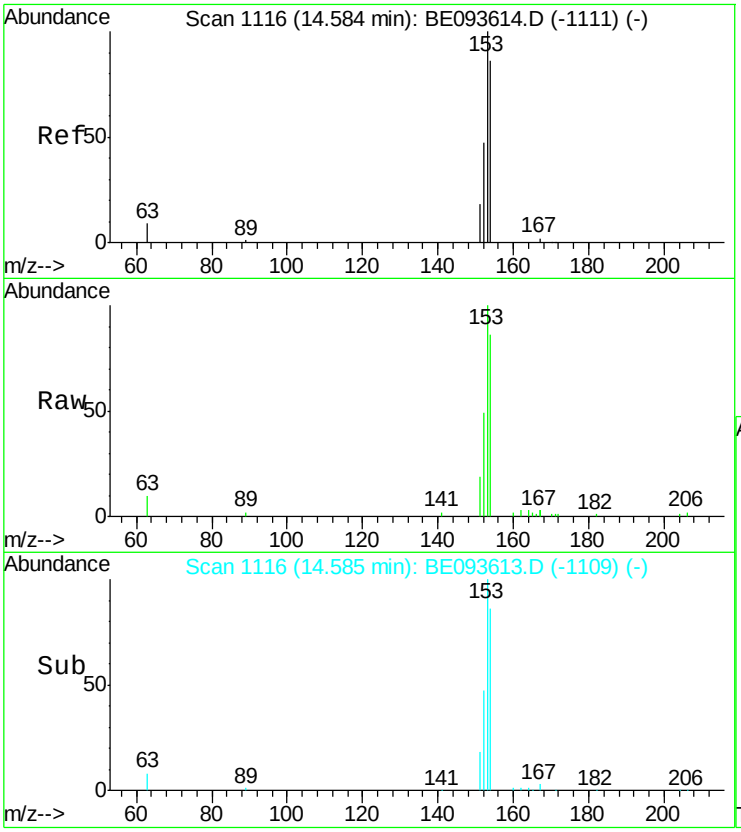


#16
Acenaphthylene
Concen: 0.183 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:152 Resp: 5873

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	12.7	10.3	15.5



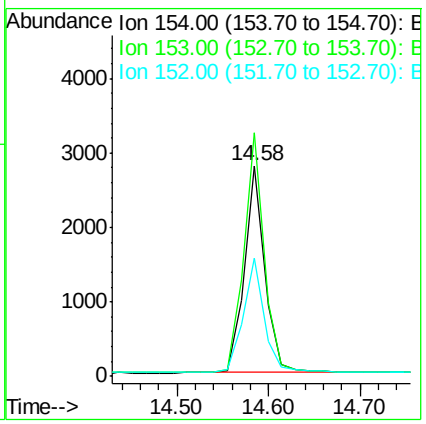


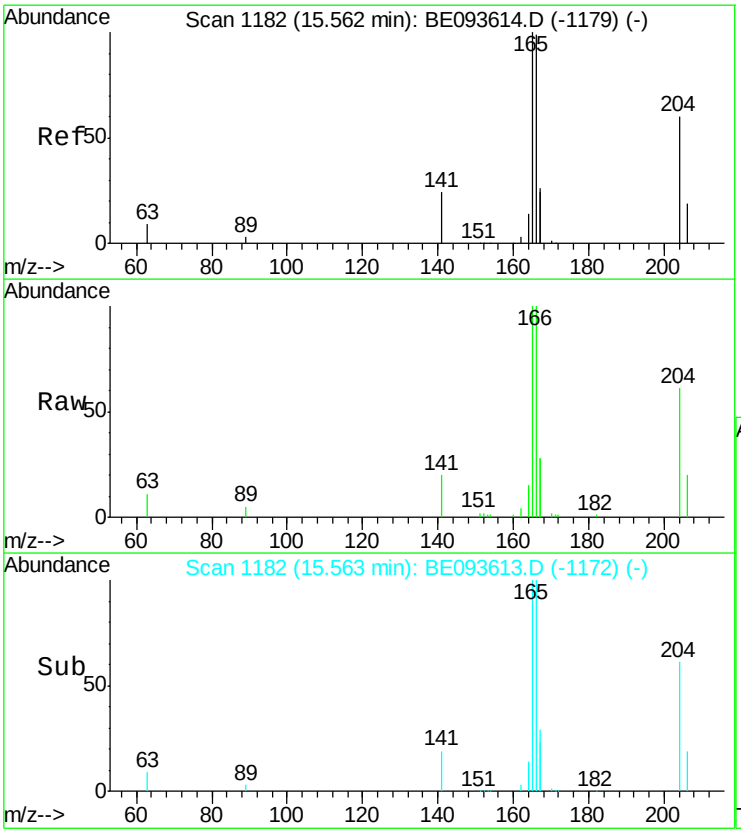
#17
Acenaphthene
Concen: 0.198 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4318

Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.2	136.8
152	56.6	44.8	67.2

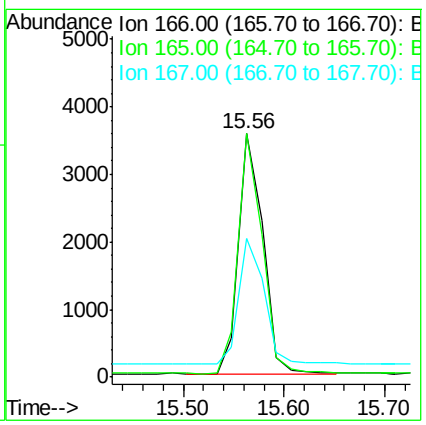


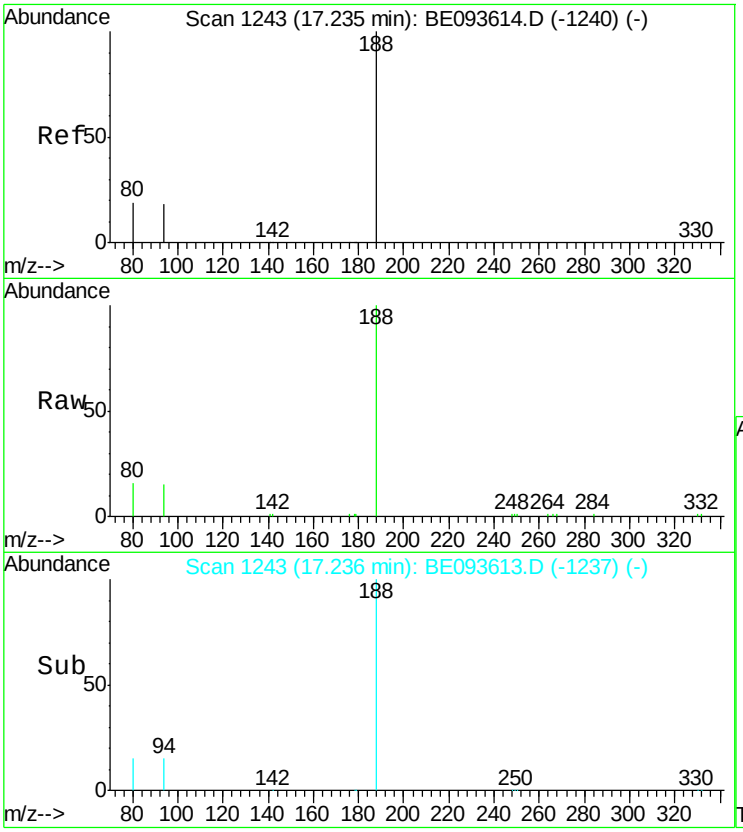


#18
Fluorene
Concen: 0.195 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:166 Resp: 5967

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	54.4	11.1	16.7#



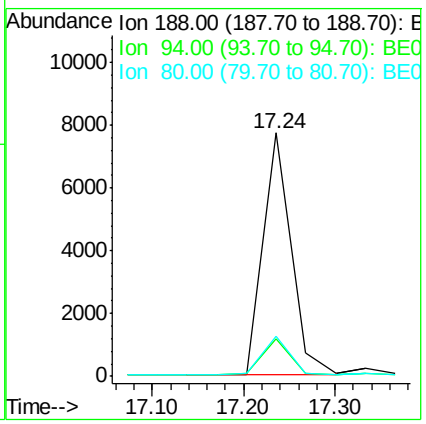


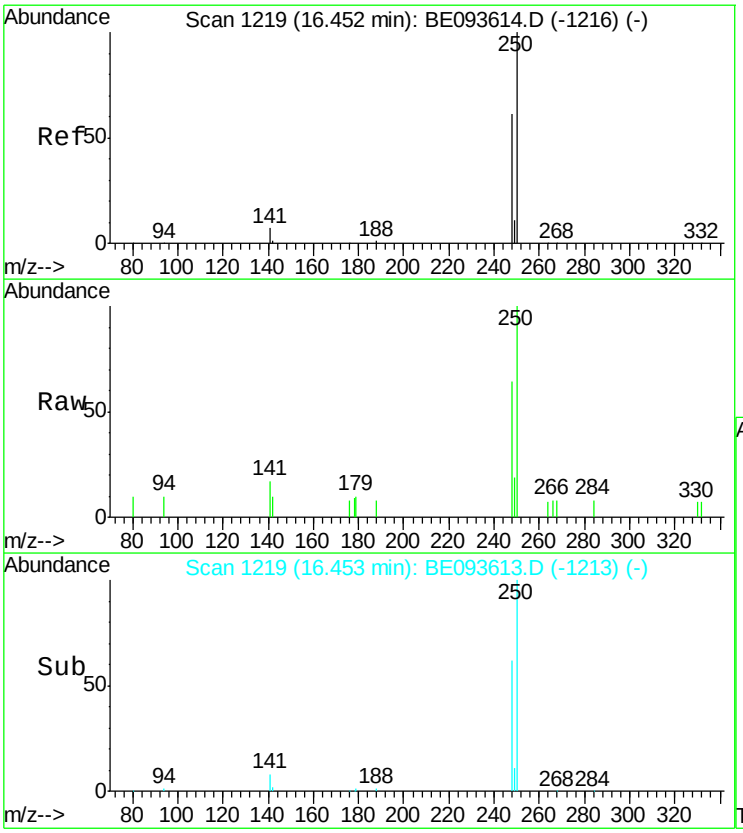
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 16609

Ion	Ratio	Lower	Upper
188	100		
94	15.3	11.3	16.9
80	16.2	11.7	17.5

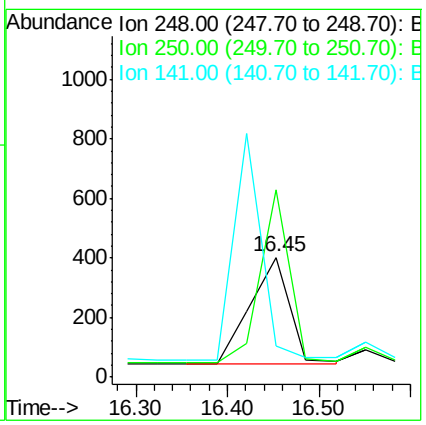


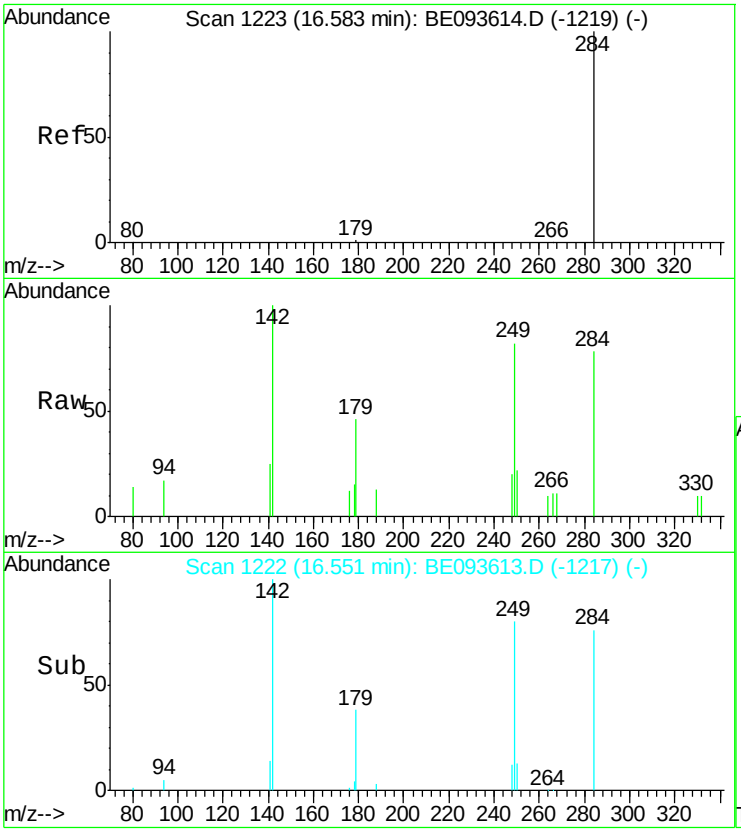


#20
4-Bromophenyl-phenylether
Concen: 0.166 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:248 Resp: 1074

Ion	Ratio	Lower	Upper
248	100		
250	156.4	128.0	192.0
141	26.2	12.0	18.0#



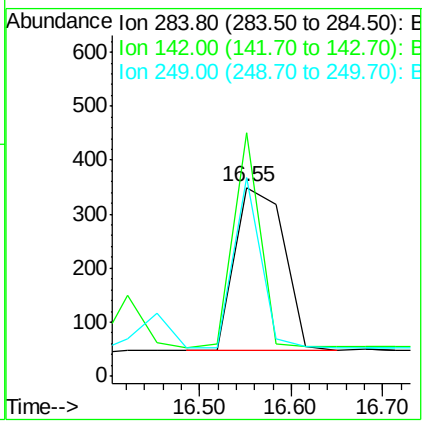


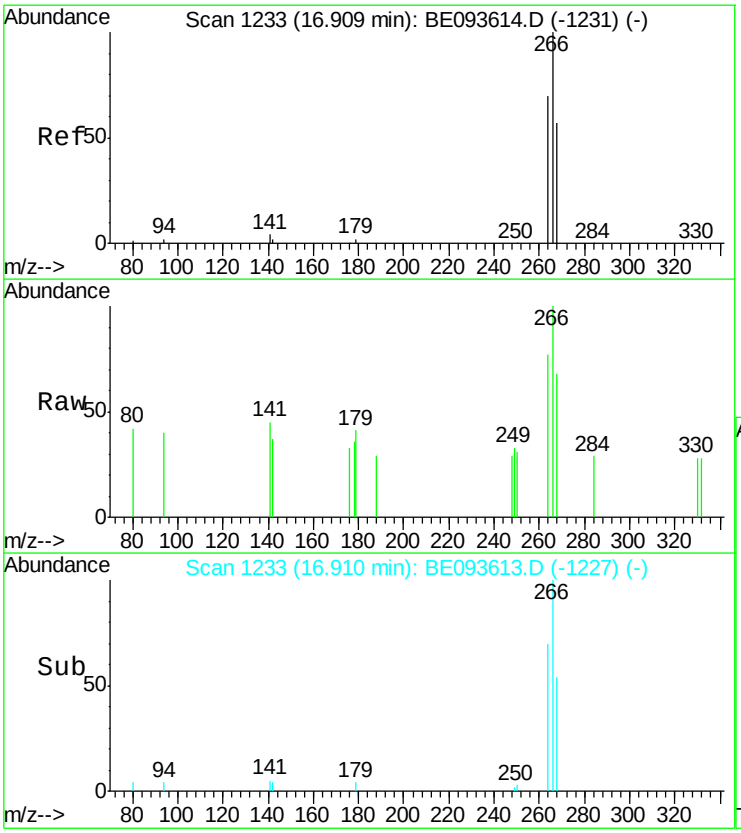
#21
Hexachlorobenzene
Concen: 0.181 ng
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1127

Ion	Ratio	Lower	Upper
284	100		
142	71.7	0.0	0.0#
249	57.6	0.0	0.0#

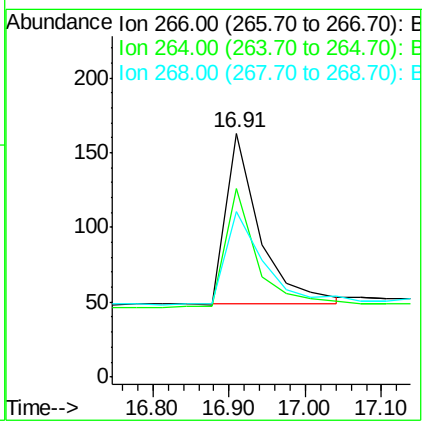


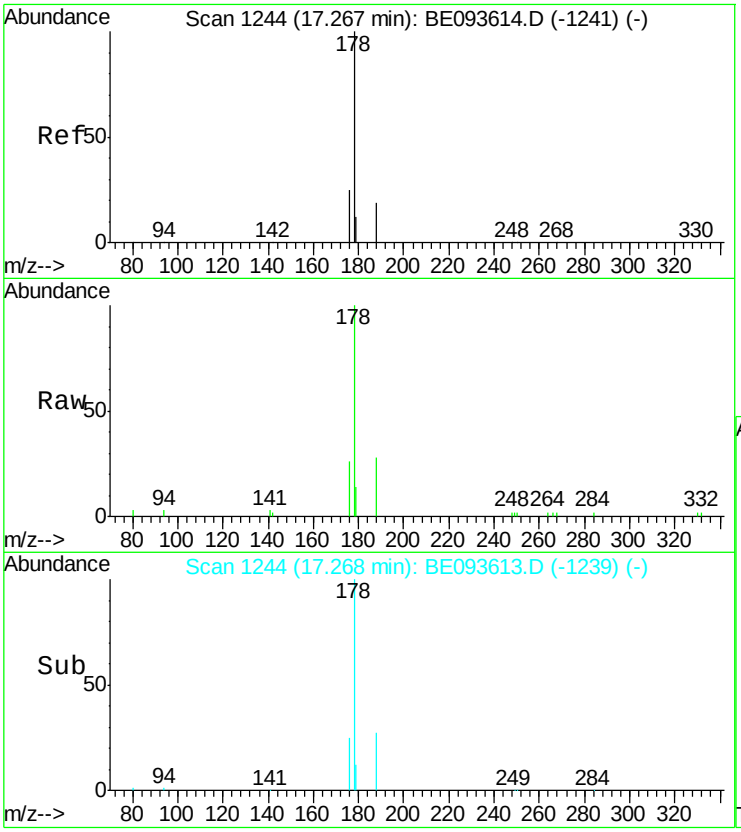


#22
Pentachlorophenol
Concen: 0.096 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:266 Resp: 348

Ion	Ratio	Lower	Upper
266	100		
264	77.3	56.0	84.0
268	68.1	52.0	78.0



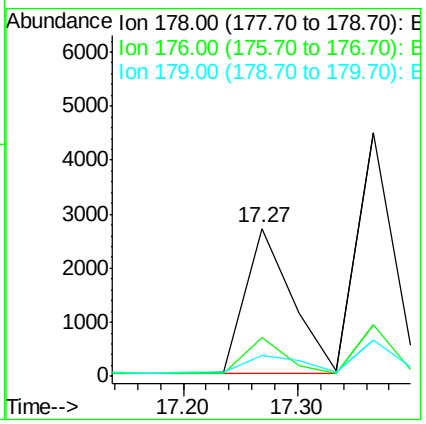


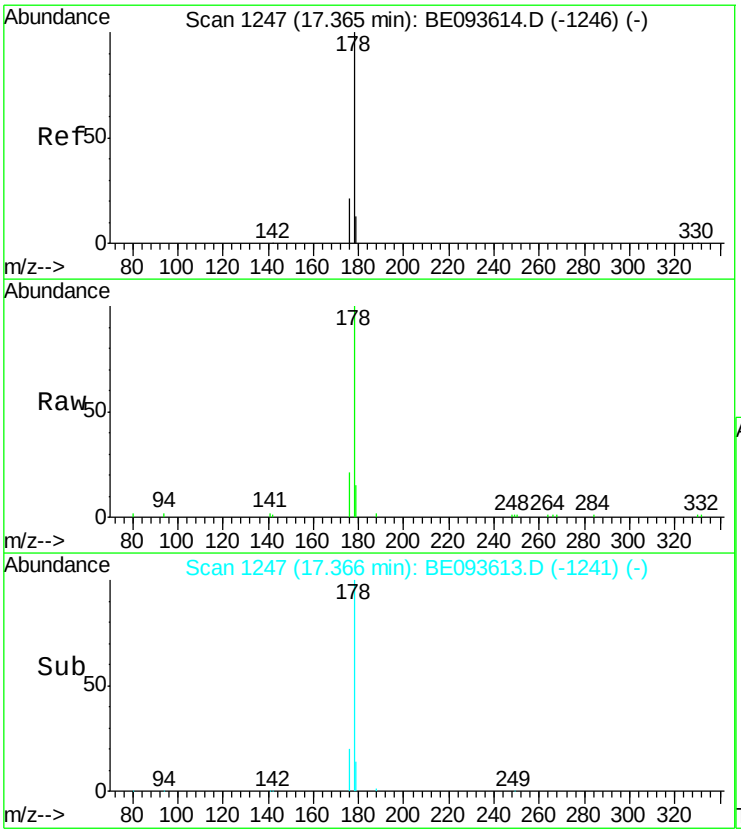
#23
Phenanthrene
Concen: 0.200 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 7539

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	15.1	12.7	19.1

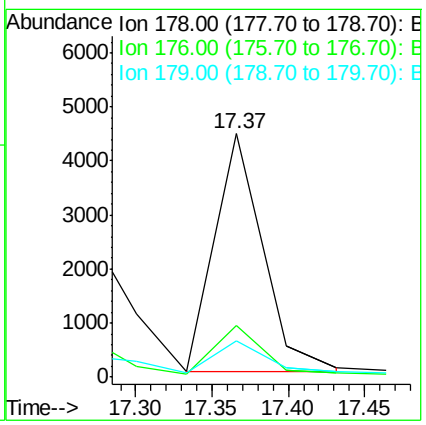


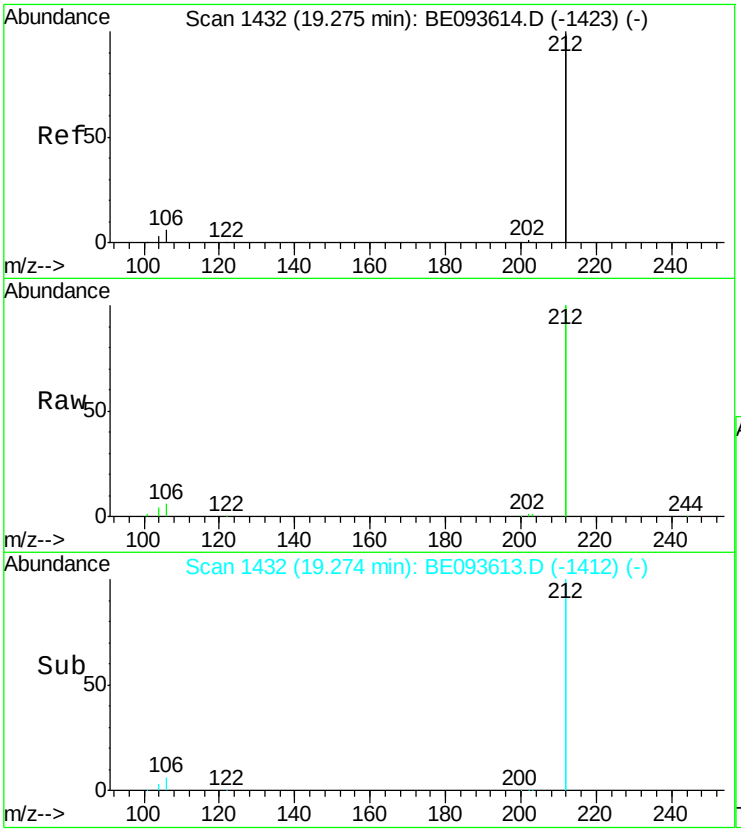


#24
Anthracene
Concen: 0.167 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:178 Resp: 9634

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	14.1	12.0	18.0



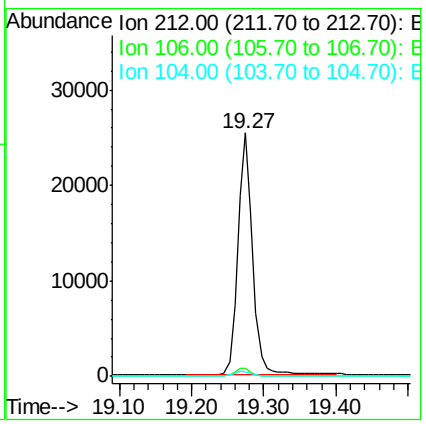


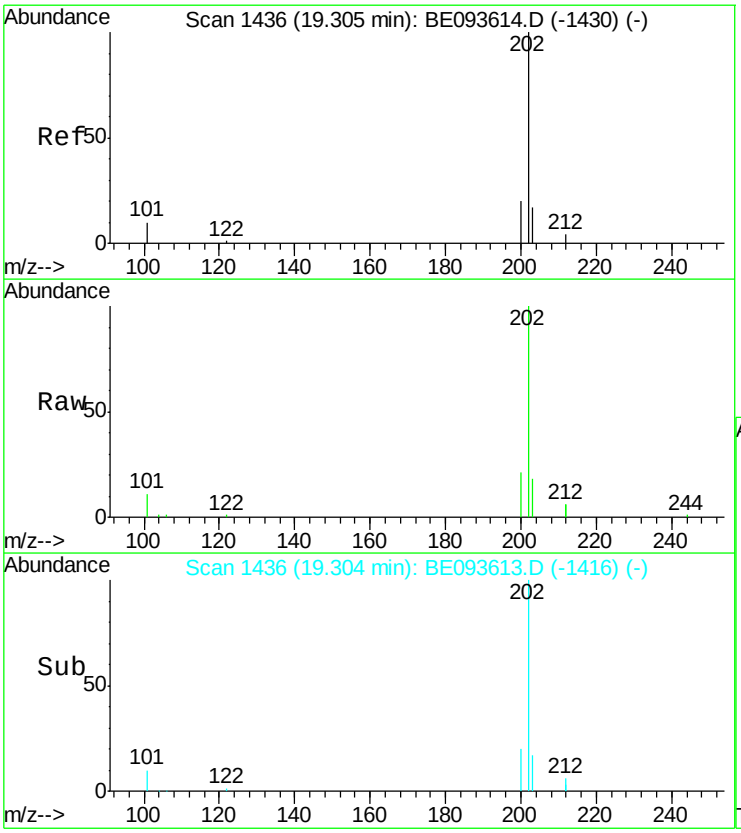
#25
Fluoranthene-d10
Concen: 0.136 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 35841

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

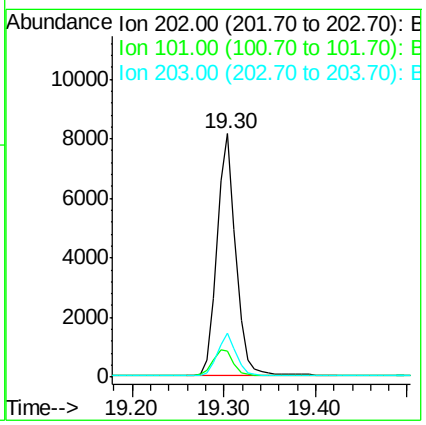


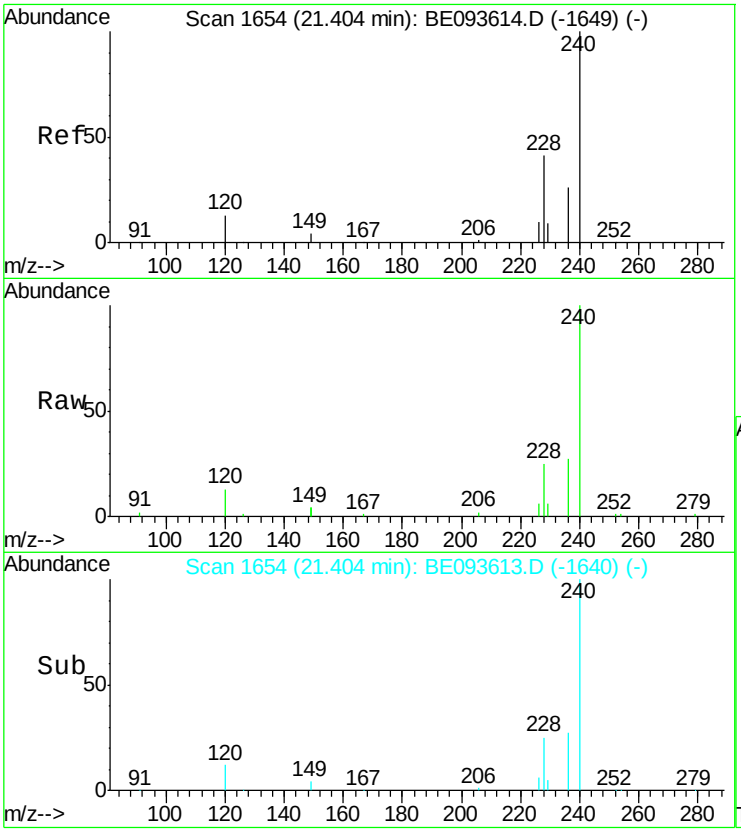


#26
Fluoranthene
Concen: 0.142 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:202 Resp: 11379

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	16.8	14.4	21.6



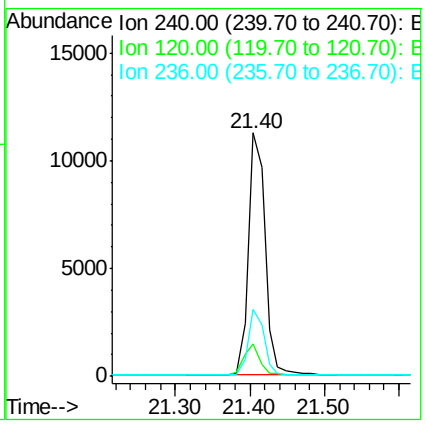


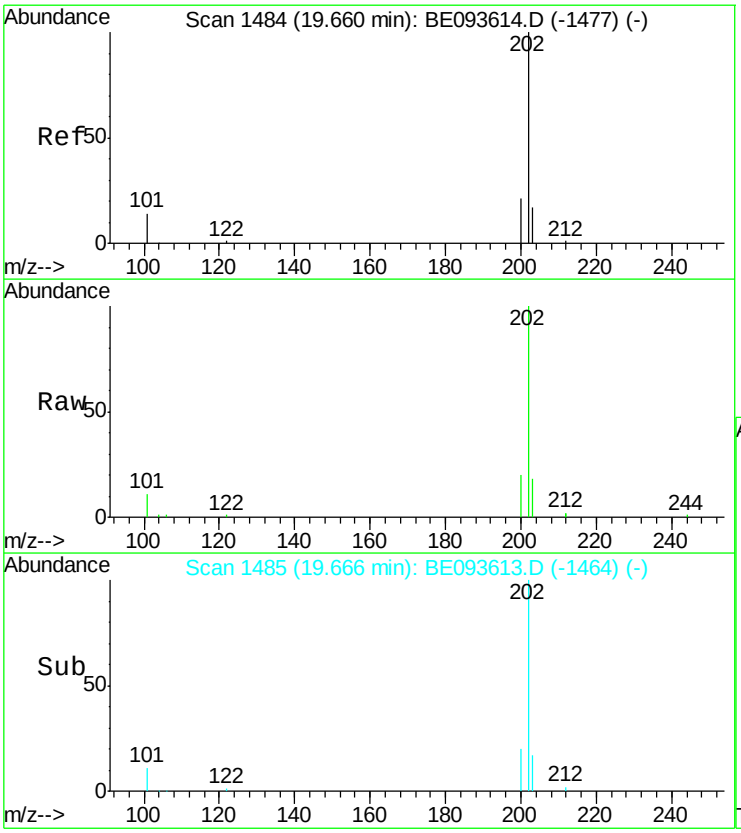
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 17677

Ion	Ratio	Lower	Upper
240	100		
120	13.2	4.6	7.0#
236	27.3	20.8	31.2

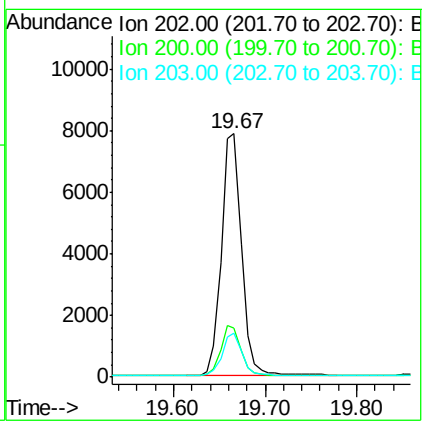


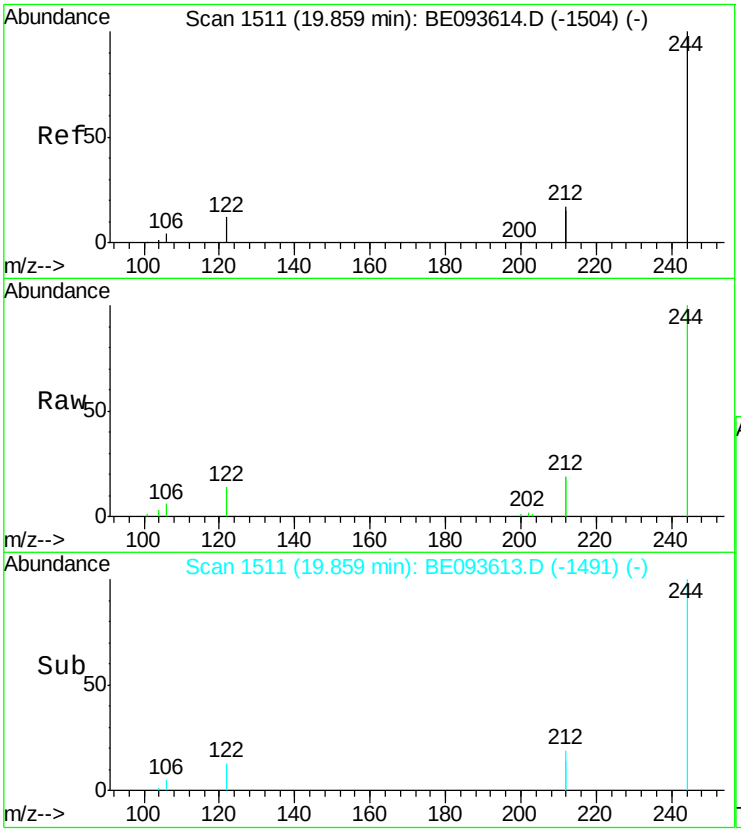


#28
Pyrene
Concen: 0.208 ng
RT: 19.67 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:202 Resp: 11890

Ion	Ratio	Lower	Upper
202	100		
200	20.6	0.0	0.0#
203	17.1	13.7	20.5



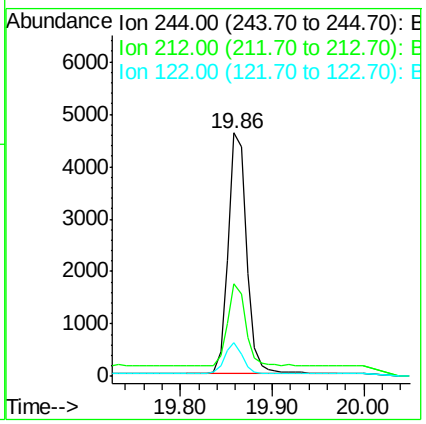


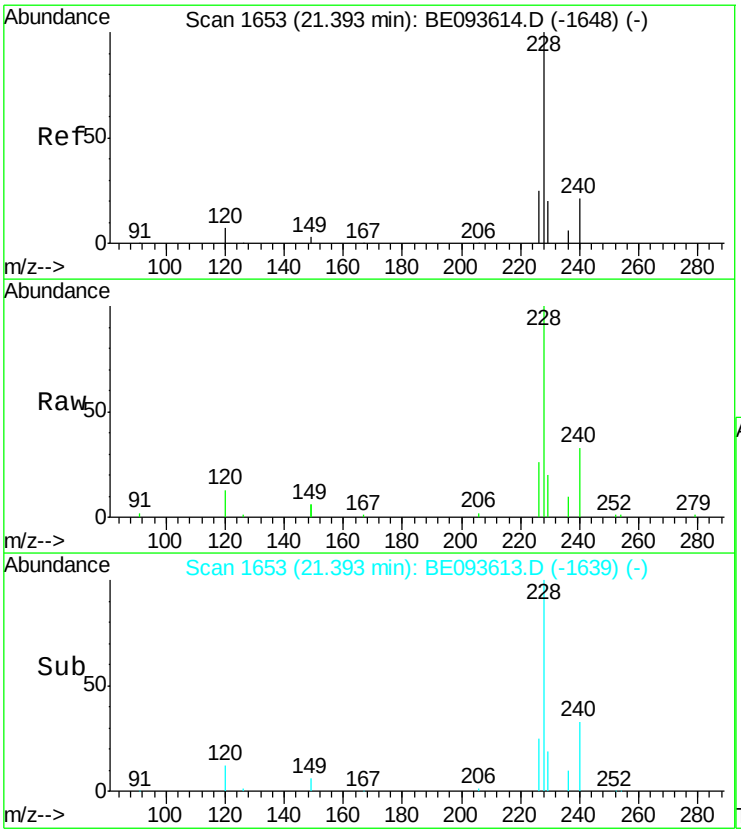
#29
Terphenyl-d14
Concen: 0.200 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6427

Ion	Ratio	Lower	Upper
244	100		
212	37.9	10.6	16.0#
122	14.1	15.4	23.0#

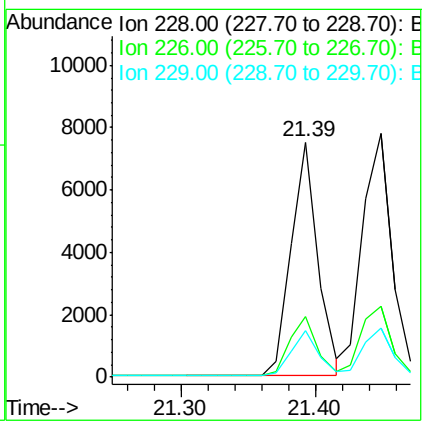


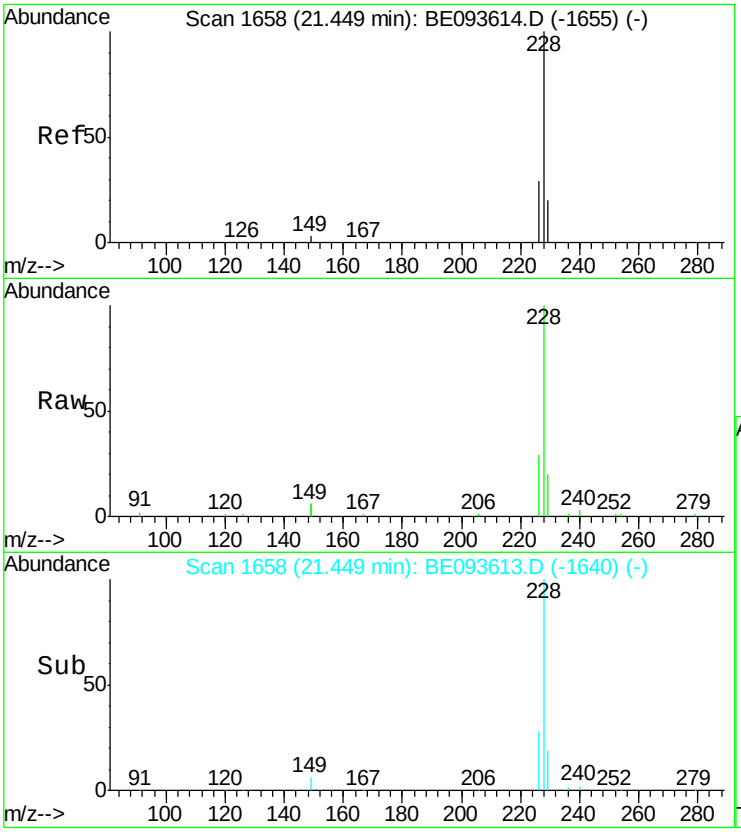


#30
Benzo(a)anthracene
Concen: 0.182 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:228 Resp: 10357

Ion	Ratio	Lower	Upper
228	100		
226	25.9	19.7	29.5
229	20.0	19.2	28.8



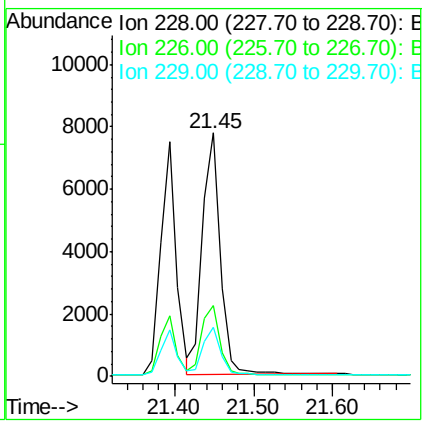


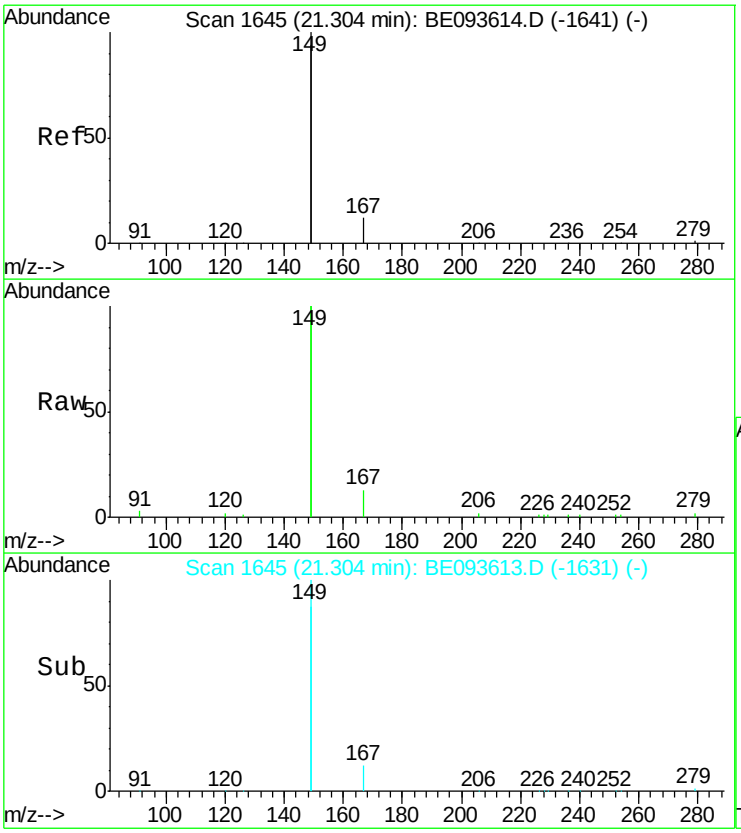
#31
Chrysene
Concen: 0.214 ng
RT: 21.45 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 12072

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.5	32.3
229	20.0	18.6	28.0

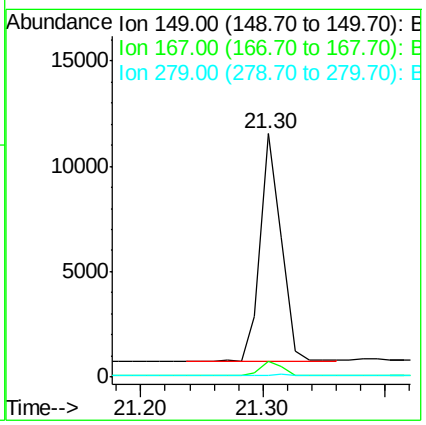


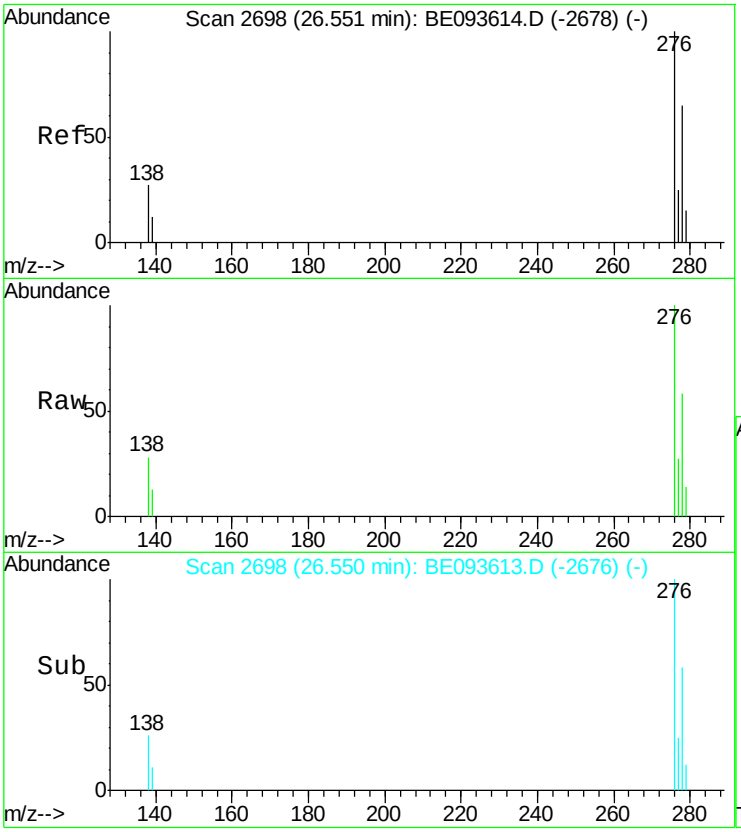


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:149 Resp: 13236

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



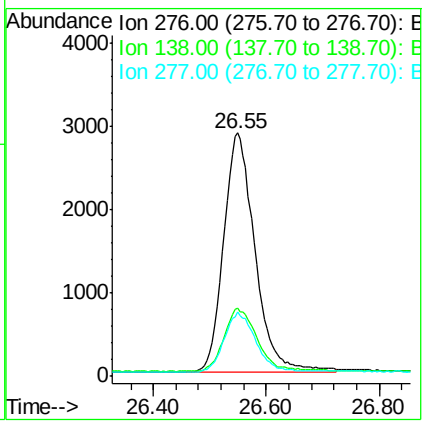


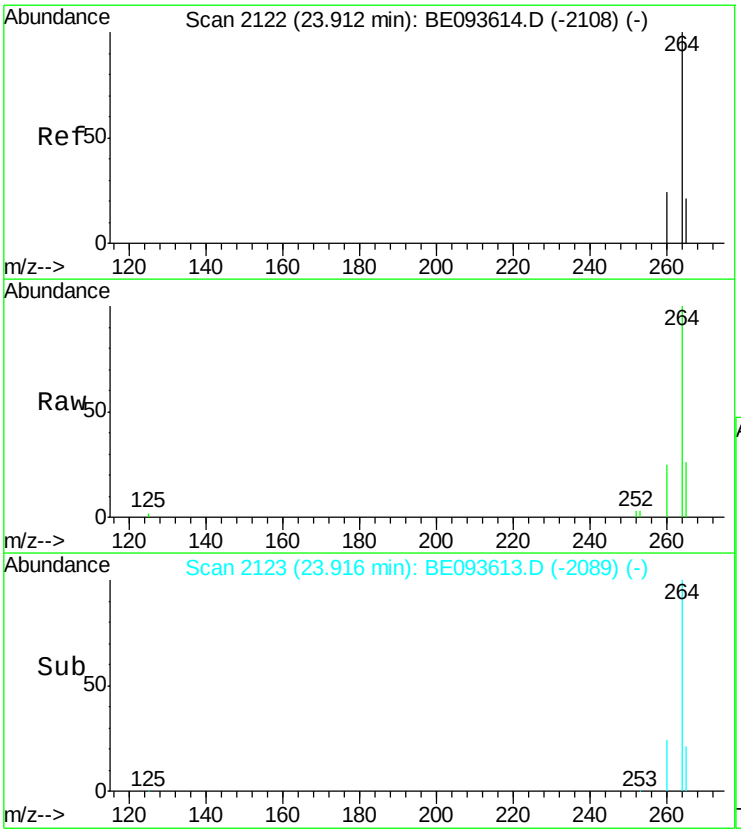
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 10883

Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.4	41.2
277	24.8	20.1	30.1

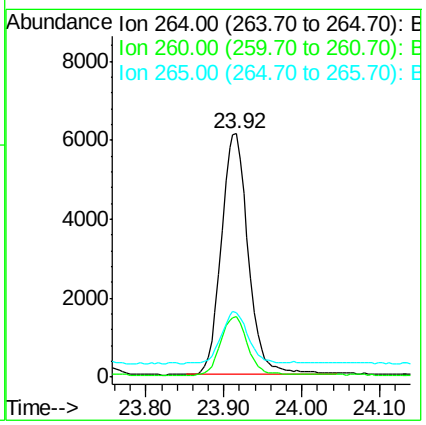


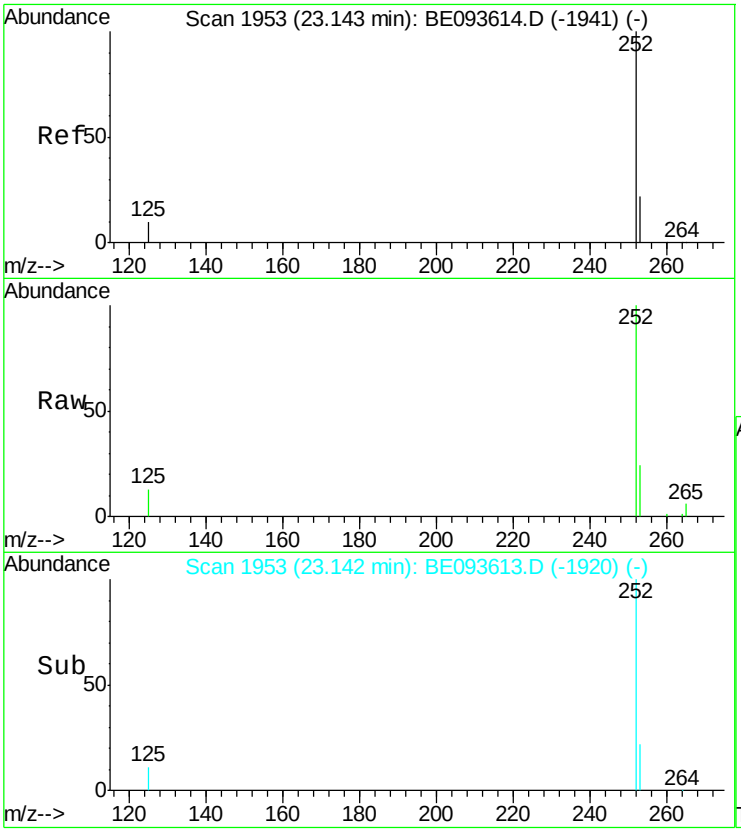


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:264 Resp: 14778

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	26.4	24.6	36.8



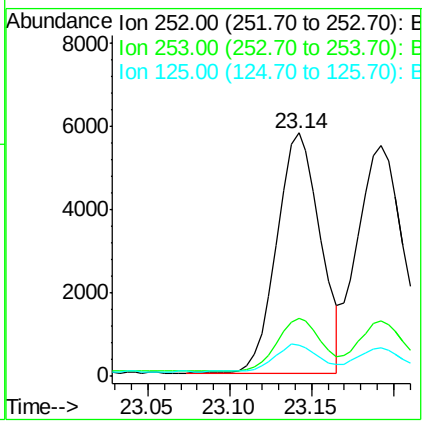


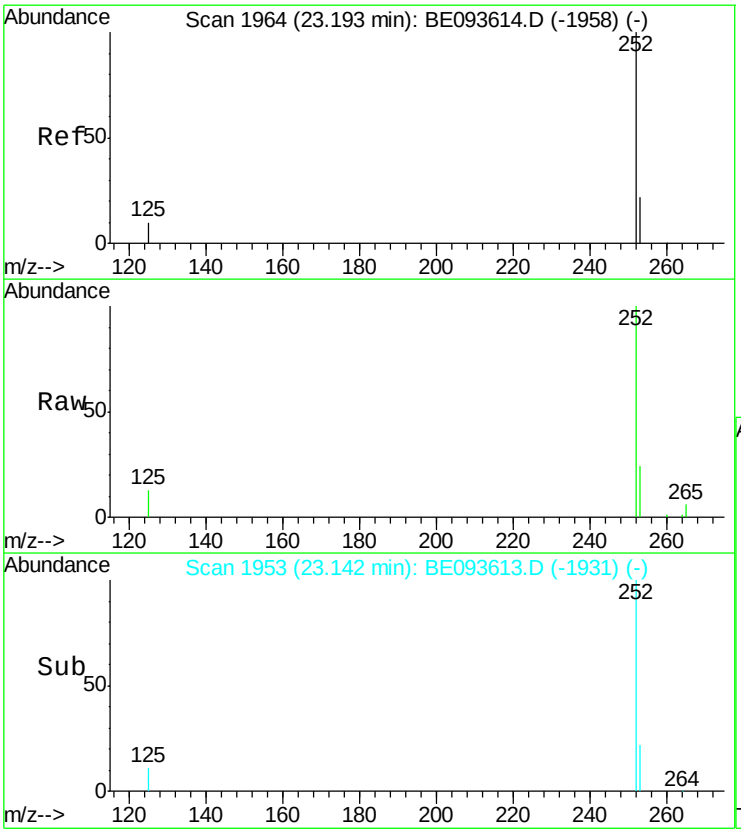
#35
Benzo(b)fluoranthene
Concen: 0.205 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 10625

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	12.7	13.4	20.0#

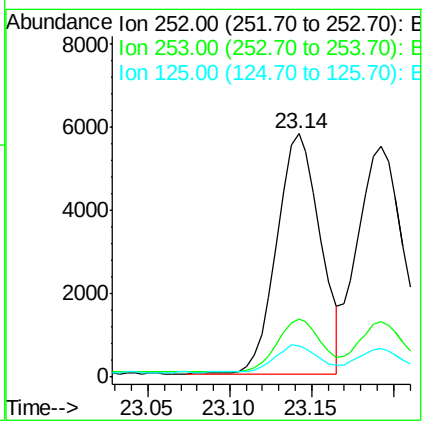


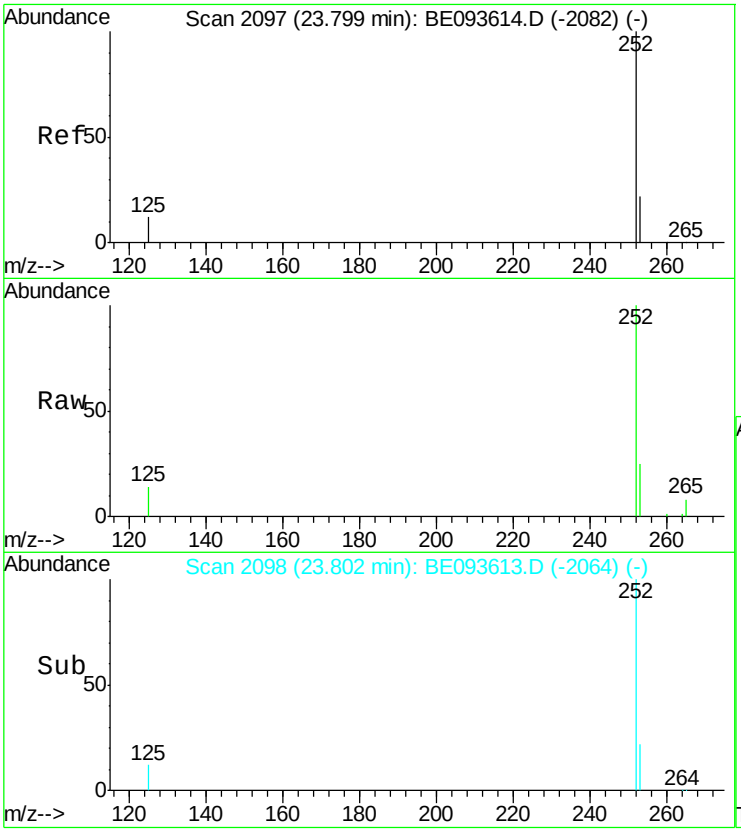


#36
Benzo(k)fluoranthene
Concen: 0.207 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.05 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:252 Resp: 10625

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	12.7	12.2	18.4



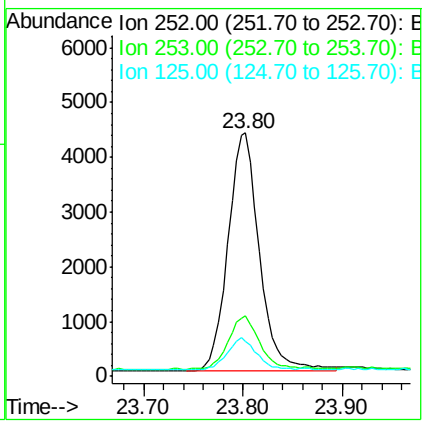


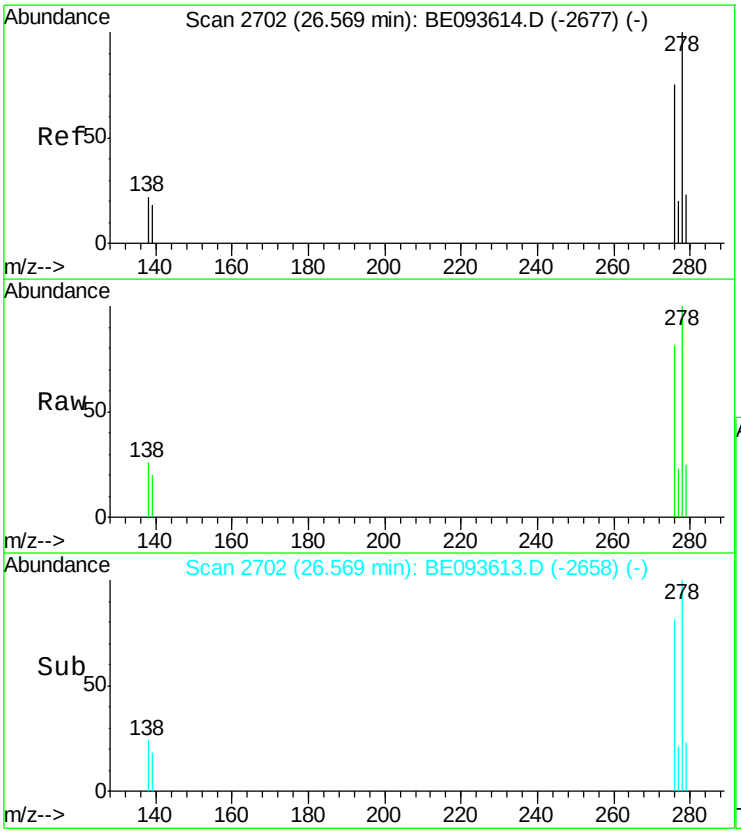
#37
Benzo(a)pyrene
Concen: 0.200 ng
RT: 23.80 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9662

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.9	29.9
125	14.5	14.6	21.8#

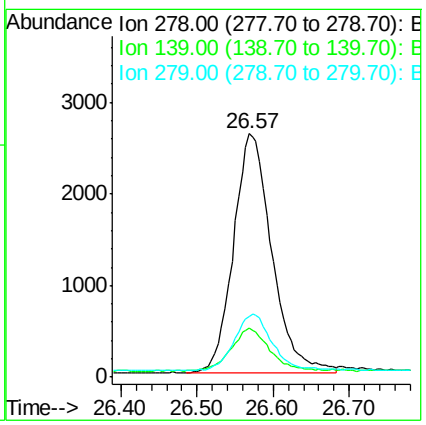


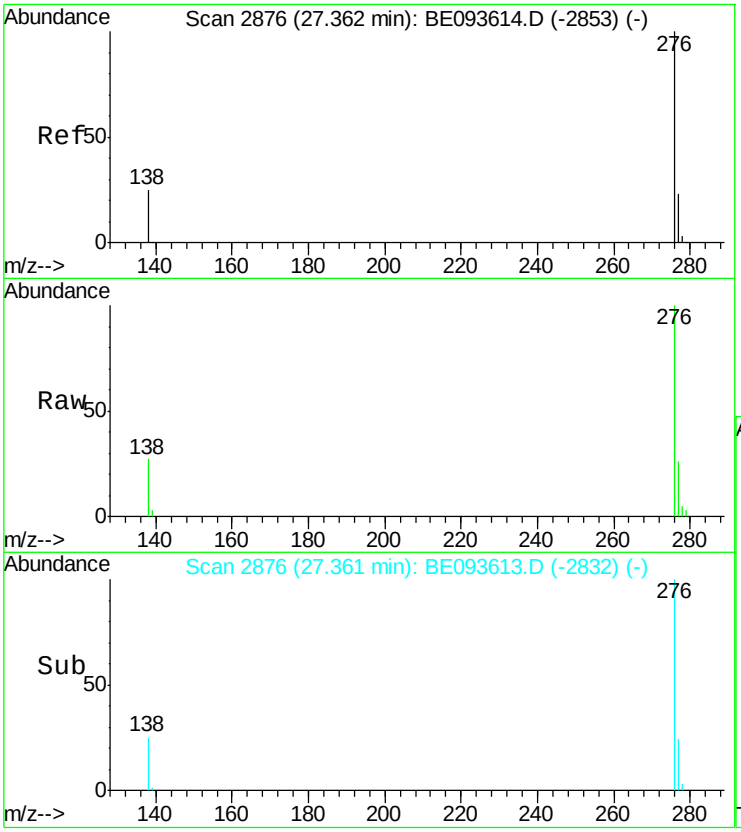


#38
Dibenzo(a,h)anthracene
Concen: 0.200 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Tgt Ion:278 Resp: 9136

Ion	Ratio	Lower	Upper
278	100		
139	20.4	21.4	32.0#
279	24.9	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.208 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BE093613.D
Acq: 1 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9528

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.2	31.8
138	26.7	24.5	36.7