Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093929.D
Acq On : 5 Sep 2017 10:08
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 05 12:11:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1810	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	9611	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	5478	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10952	0.40	ng		0.00
27) Chrysene-d12	21.43	240	13722	0.40	ng		0.00
34) Perylene-d12	23.94	264	11205	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1175	0.21	ng		0.00
5) Phenol-d6	7.13	99	1774	0.21	ng		0.01
8) Nitrobenzene-d5	9.08	82	1653	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	2968	0.20	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	377	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	4321	0.20	ng		0.00
25) Fluoranthene-d10	19.29	212	29907	0.24	ng		0.00
29) Terphenyl-d14	19.87	244	5014	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	625	0.251	ng		87
3) n-Nitrosodimethylamine	3.75	42	560	0.202	ng	#	94
6) bis(2-Chloroethyl)ether	7.34	93	1481	0.226	ng		84
9) Naphthalene	10.76	128	22703	0.207	ng		99
10) Hexachlorobutadiene	11.04	225	826	0.214	ng		99
12) 2-Methylnaphthalene	12.38	142	3727	0.204	ng		98
16) Acenaphthylene	14.26	152	5353	0.197	ng		99
17) Acenaphthene	14.58	154	3782	0.207	ng		100
18) Fluorene	15.58	166	4902	0.207	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	1449	0.320	ng	#	78
21) Hexachlorobenzene	16.58	284	1445	0.366	ng	#	100
22) Pentachlorophenol	16.94	266	409	0.238	ng		95
23) Phenanthrene	17.30	178	8785	0.316	ng	#	100
24) Anthracene	17.40	178	5779	0.174	ng	#	90
26) Fluoranthene	19.31	202	9258	0.243	ng		100
28) Pyrene	19.67	202	9849	0.213	ng		99
30) Benzo(a)anthracene	21.40	228	8735	0.214	ng		96
31) Chrysene	21.46	228	9360	0.207	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	23227	0.270	ng		99
33) Indeno(1,2,3-cd)pyrene	26.61	276	6083	0.197	ng	#	79
35) Benzo(b)fluoranthene	23.17	252	7234	0.202	ng	#	88
36) Benzo(k)fluoranthene	23.21	252	9019	0.221	ng	#	86
37) Benzo(a)pyrene	23.83	252	7463	0.210	ng	#	83
38) Dibenzo(a,h)anthracene	26.63	278	4731	0.189	ng	#	76
39) Benzo(g,h,i)perylene	27.42	276	5197	0.190	ng	#	90

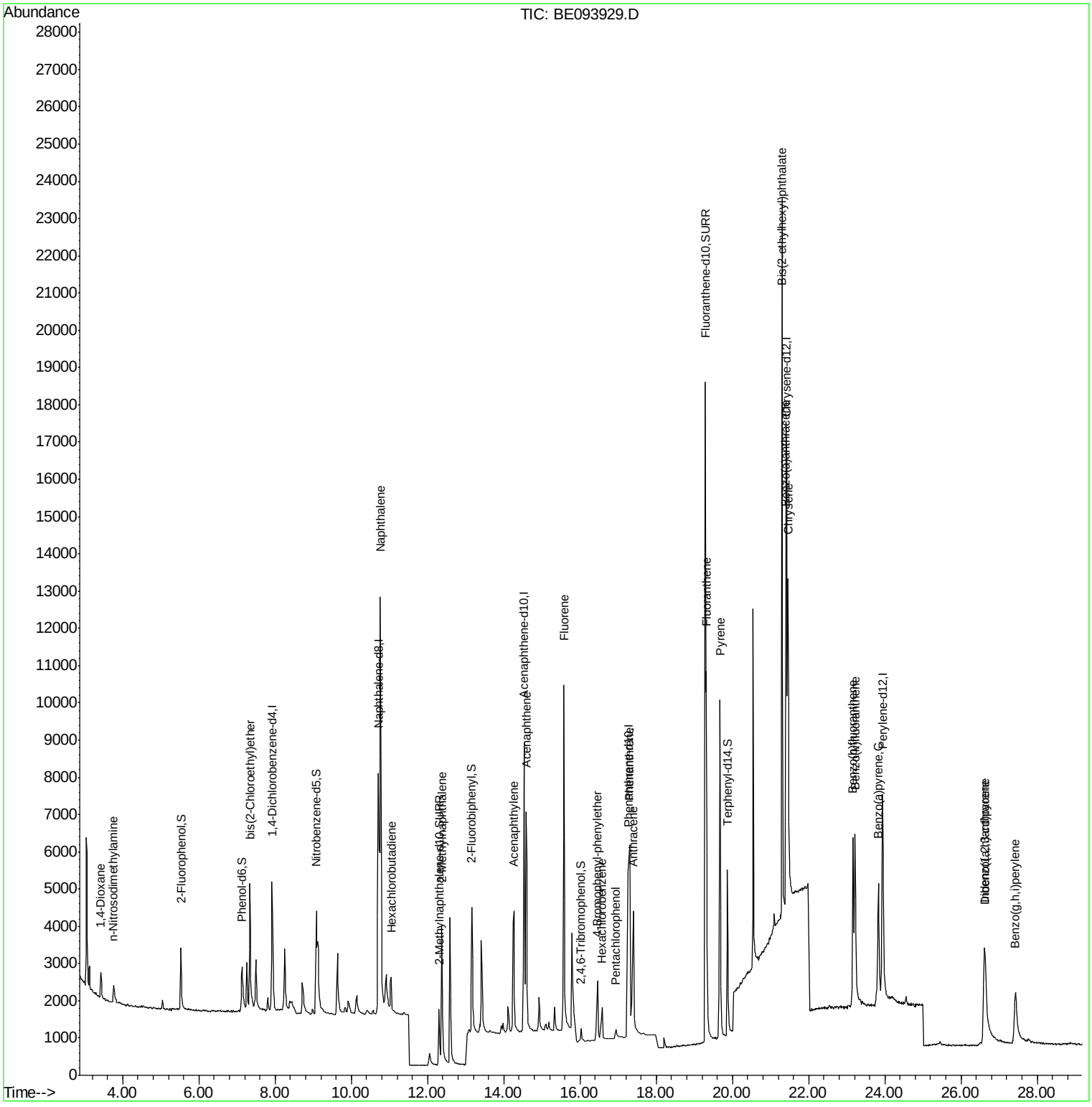
(#) = qualifier out of range (m) = manual integration (+) = signals summed

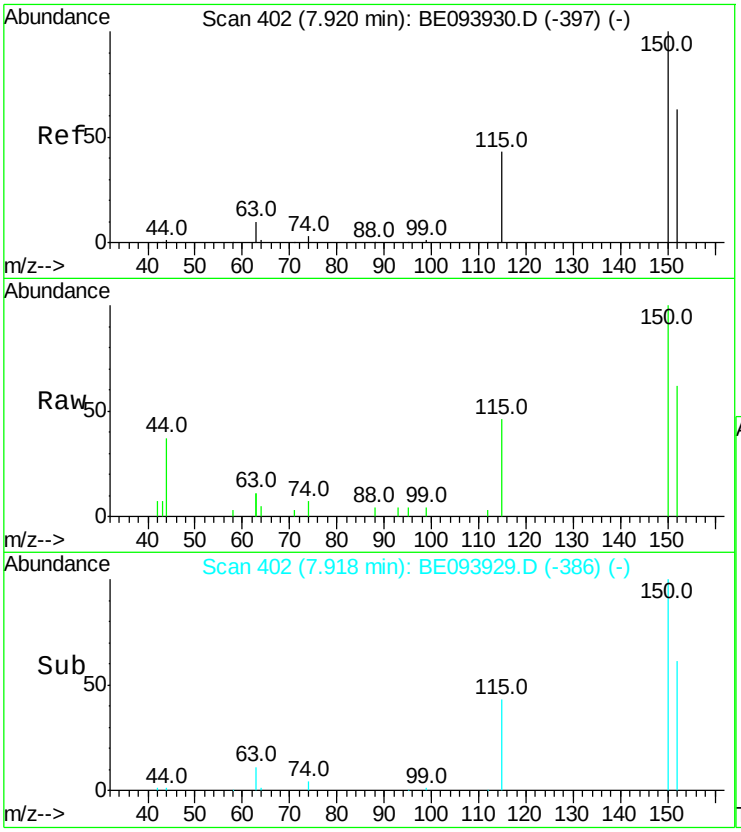
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093929.D
Acq On : 5 Sep 2017 10:08
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 05 12:11:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 12:08:29 2017
Response via : Initial Calibration



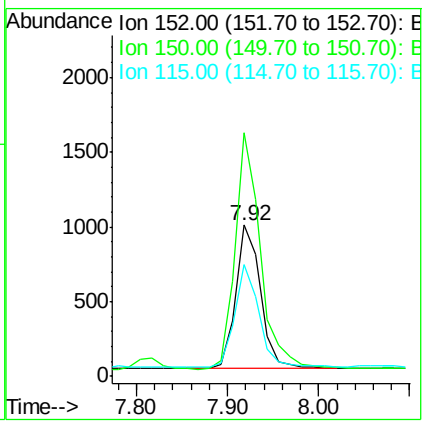


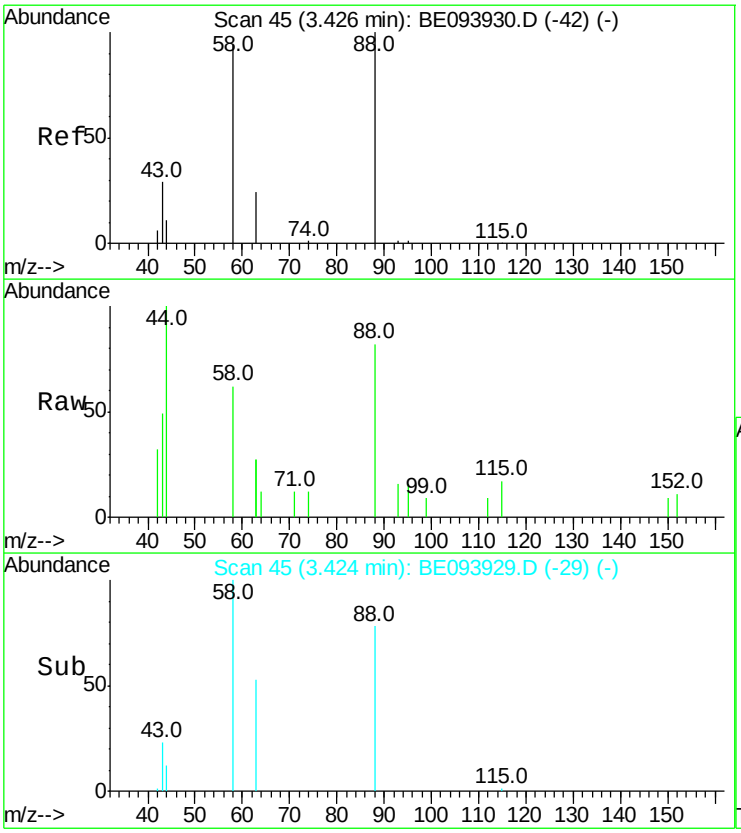
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1810

Ion	Ratio	Lower	Upper
152	100		
150	161.3	121.8	182.6
115	74.3	52.6	79.0

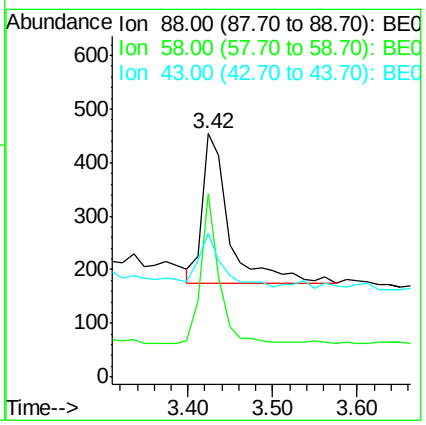


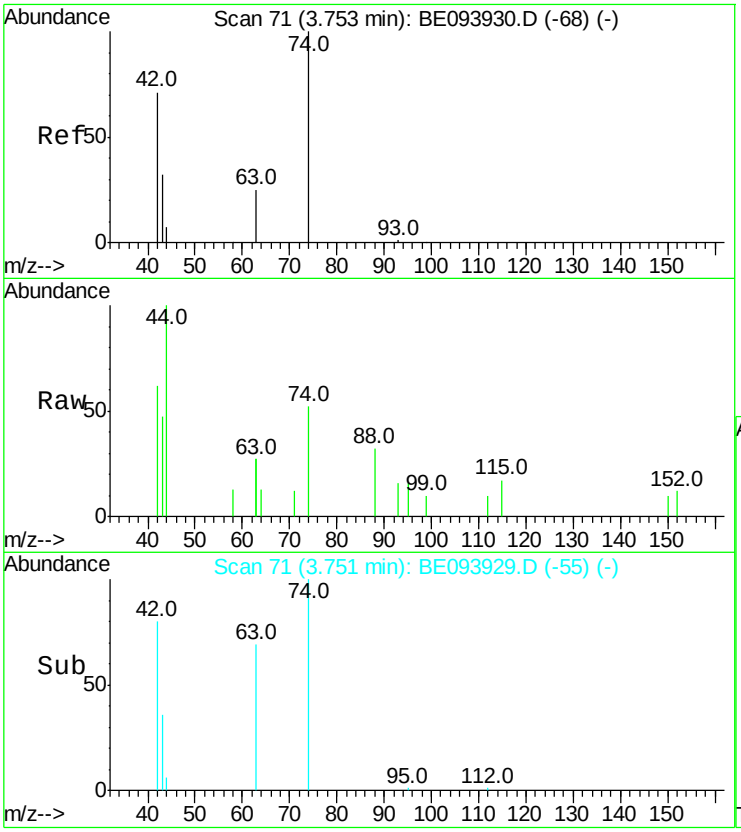


#2
1,4-Dioxane
Concen: 0.251 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion: 88 Resp: 625

Ion	Ratio	Lower	Upper
88	100		
58	66.6	65.4	98.0
43	31.4	23.9	35.9



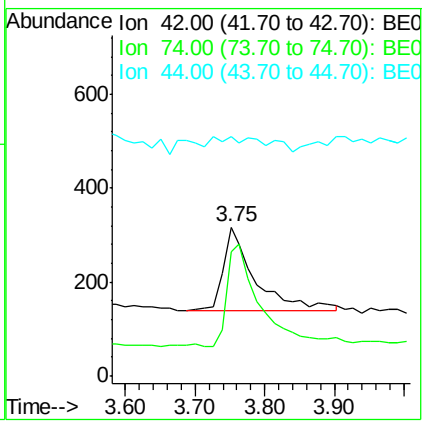


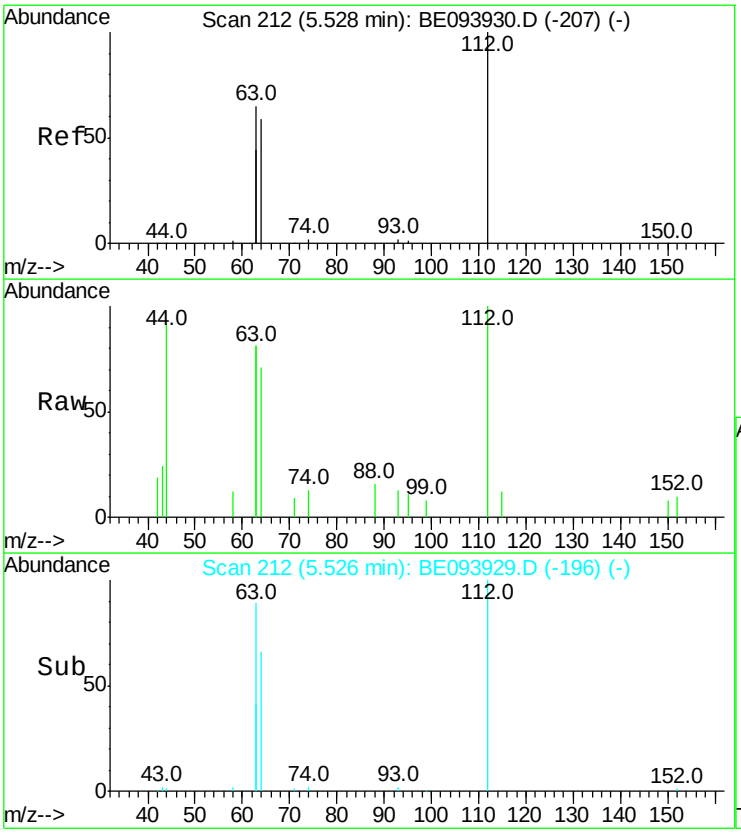
#3
n-Nitrosodimethylamine
Concen: 0.202 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 560

Ion	Ratio	Lower	Upper
42	100		
74	127.7	104.0	156.0
44	0.0	13.8	20.8#

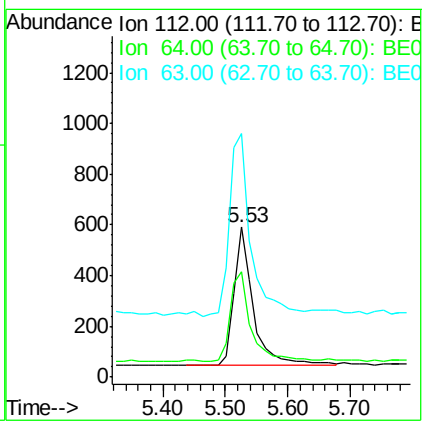


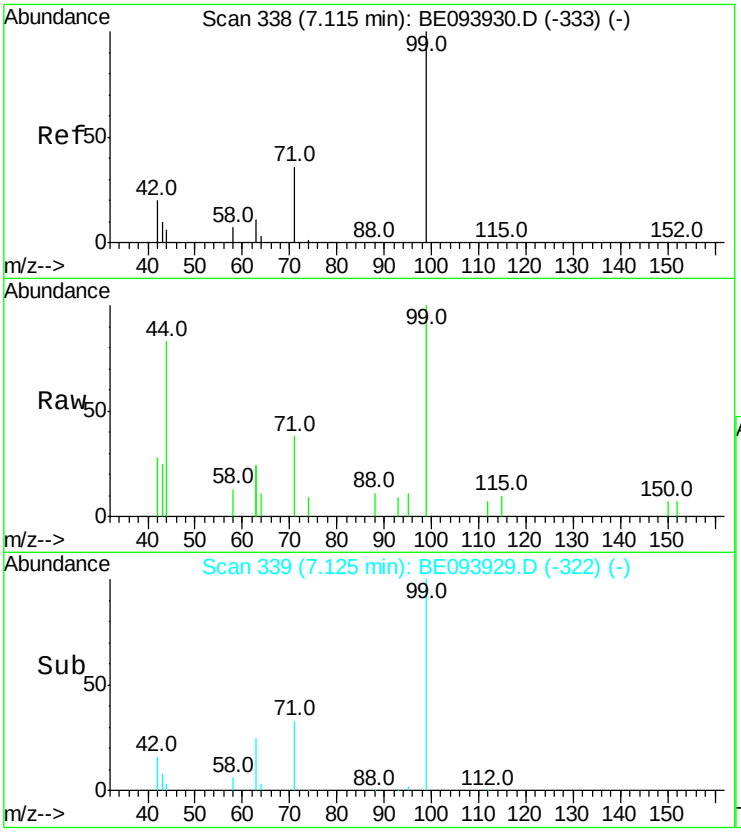


#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:112 Resp: 1175

Ion	Ratio	Lower	Upper
112	100		
64	69.3	57.7	86.5
63	149.1	116.0	174.0



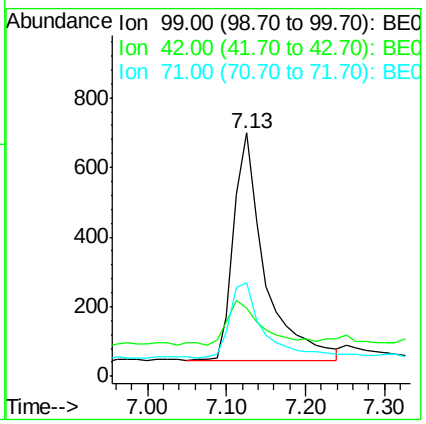


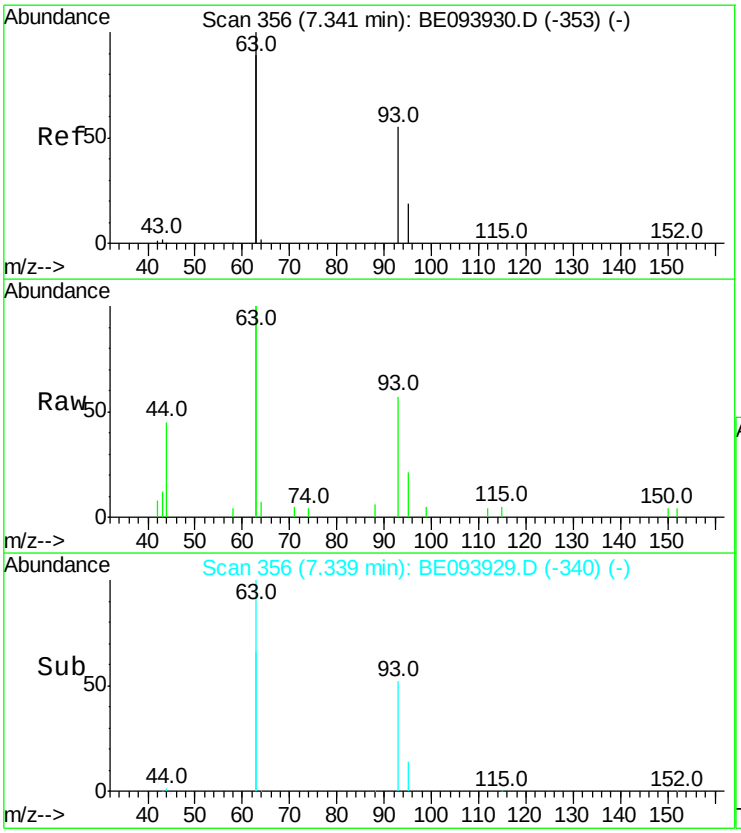
#5
Phenol-d6
Concen: 0.208 ng
RT: 7.13 min Scan# 339
Delta R.T. 0.01 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1774

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.1	25.7
71	36.2	26.6	39.8

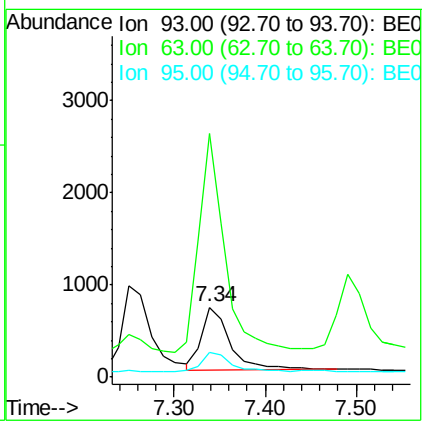


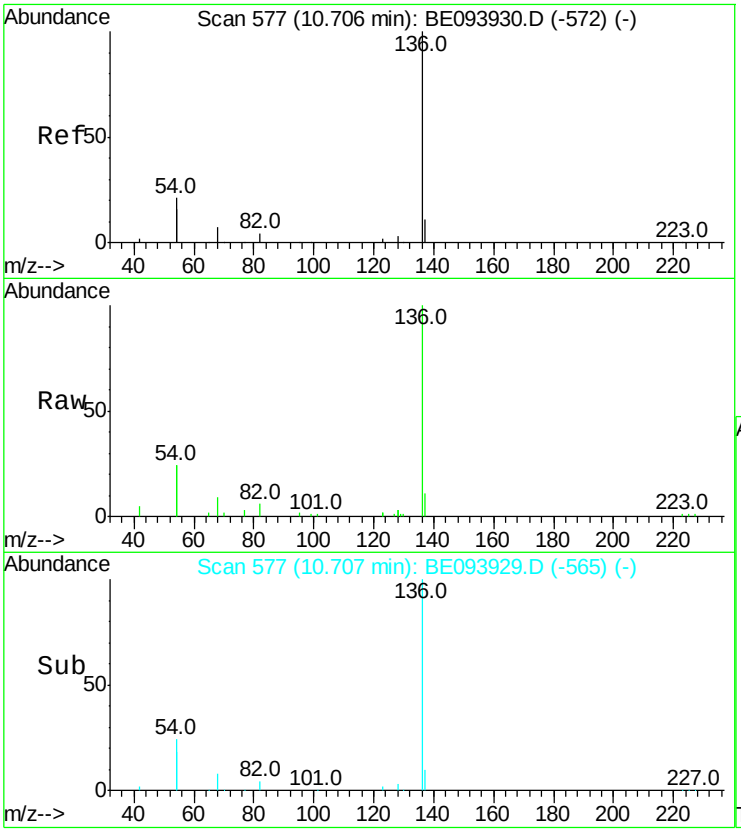


#6
bis(2-Chloroethyl)ether
Concen: 0.226 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion: 93 Resp: 1481

Ion	Ratio	Lower	Upper
93	100		
63	317.2	283.4	425.2
95	32.0	26.9	40.3



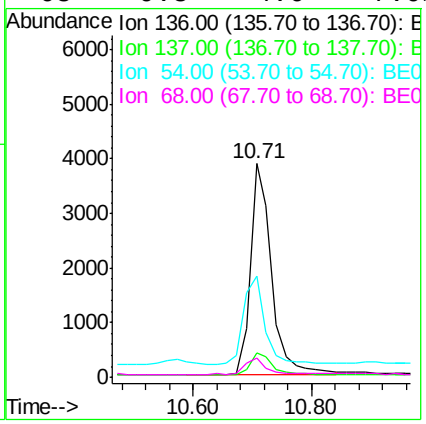


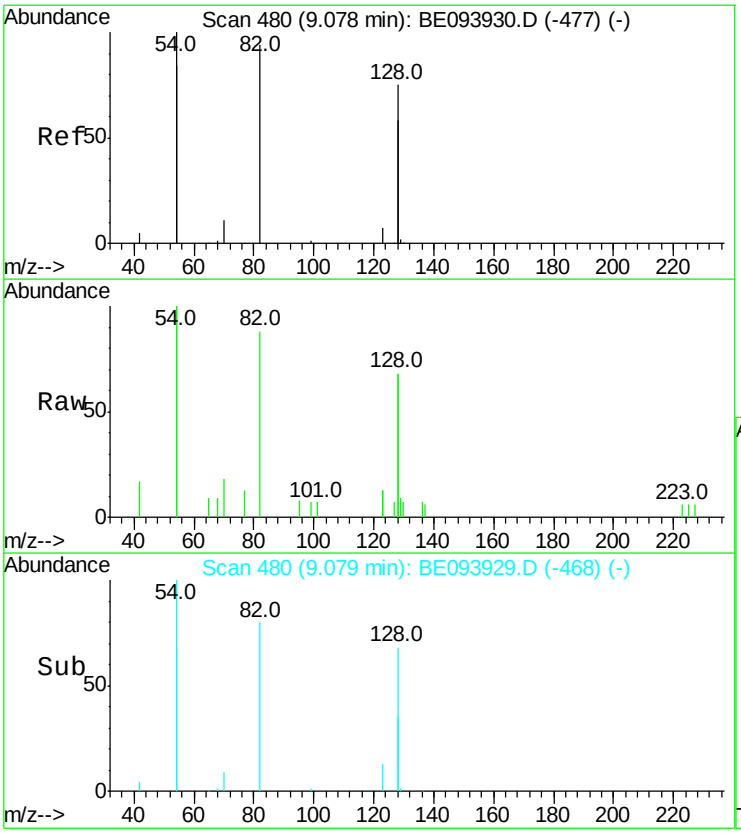
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 9611

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	47.4	21.9	32.9#
68	9.3	4.6	7.0#

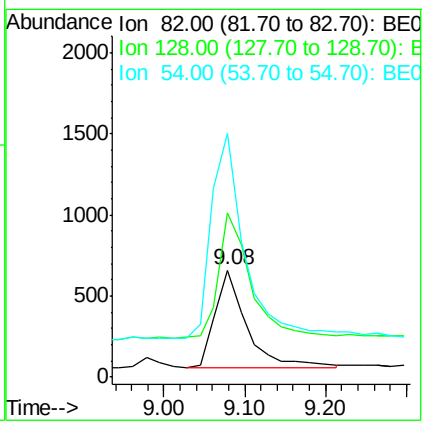


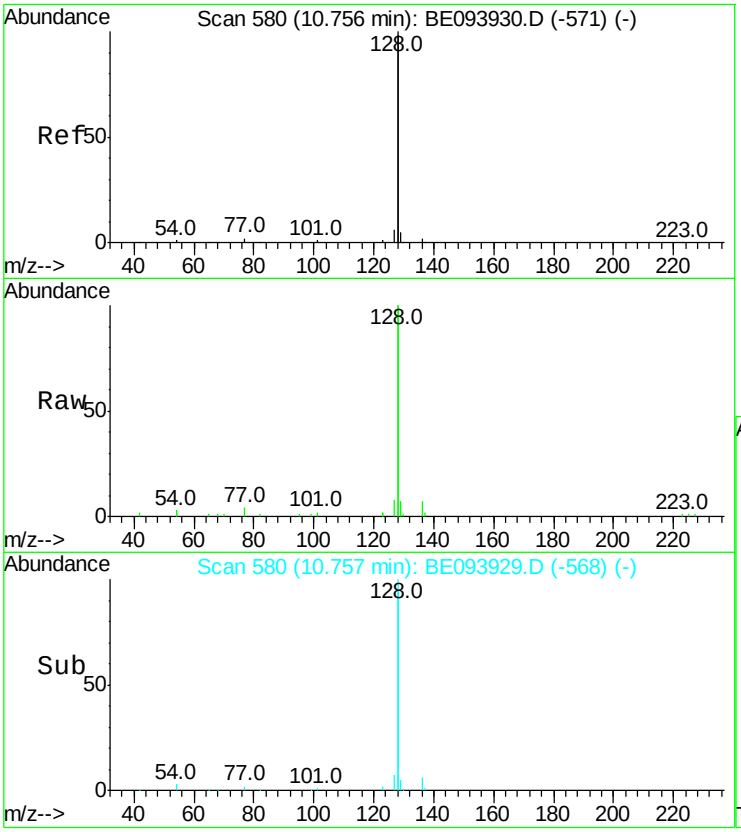


#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion: 82 Resp: 1653

Ion	Ratio	Lower	Upper
82	100		
128	153.2	91.4	137.0#
54	226.9	197.8	296.8



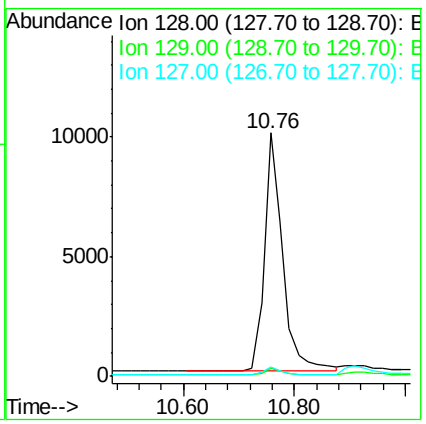


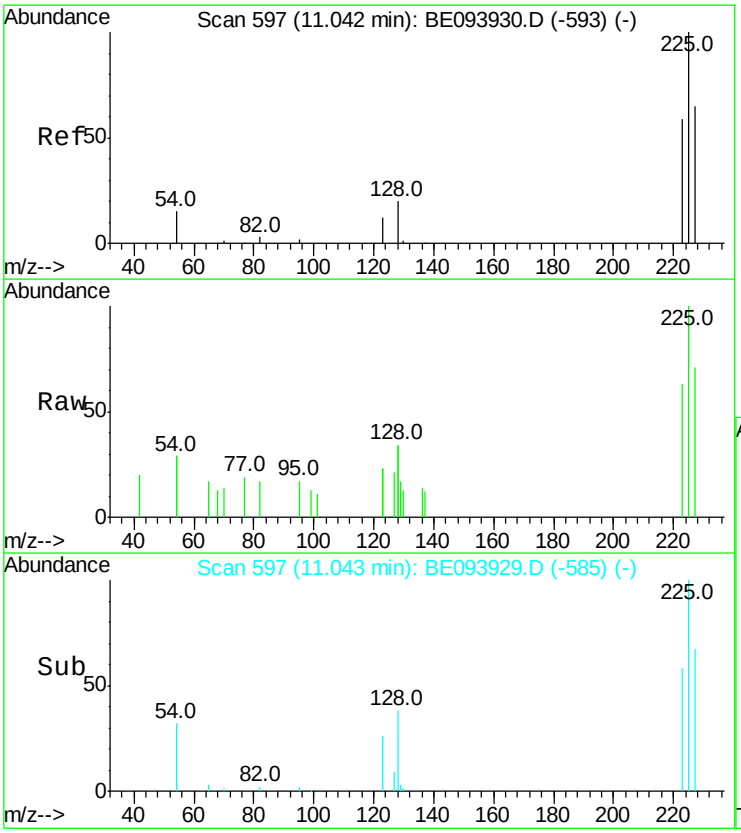
#9
Naphthalene
Concen: 0.207 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 22703

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.8	2.6	4.0

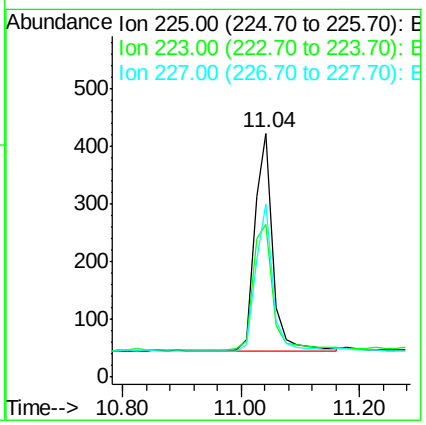


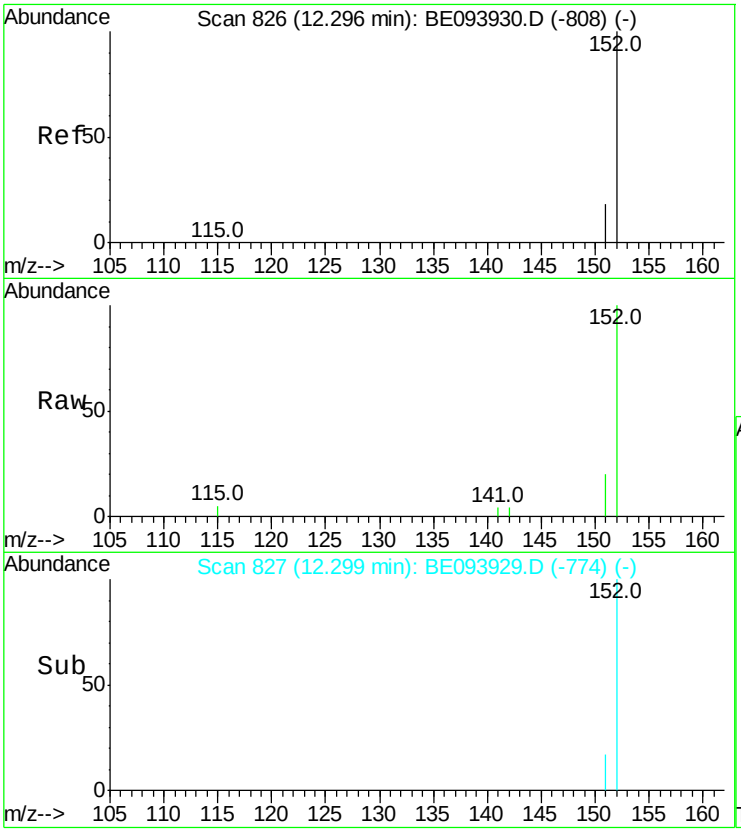


#10
Hexachlorobutadiene
Concen: 0.214 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:225 Resp: 826

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	63.0	50.5	75.7



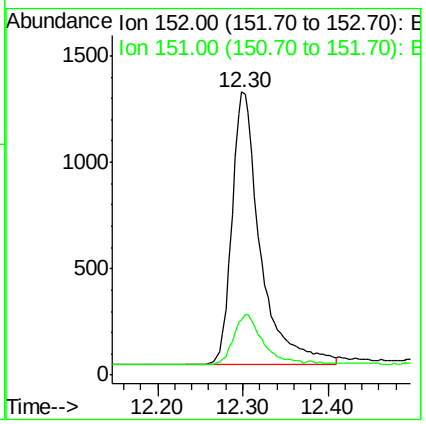


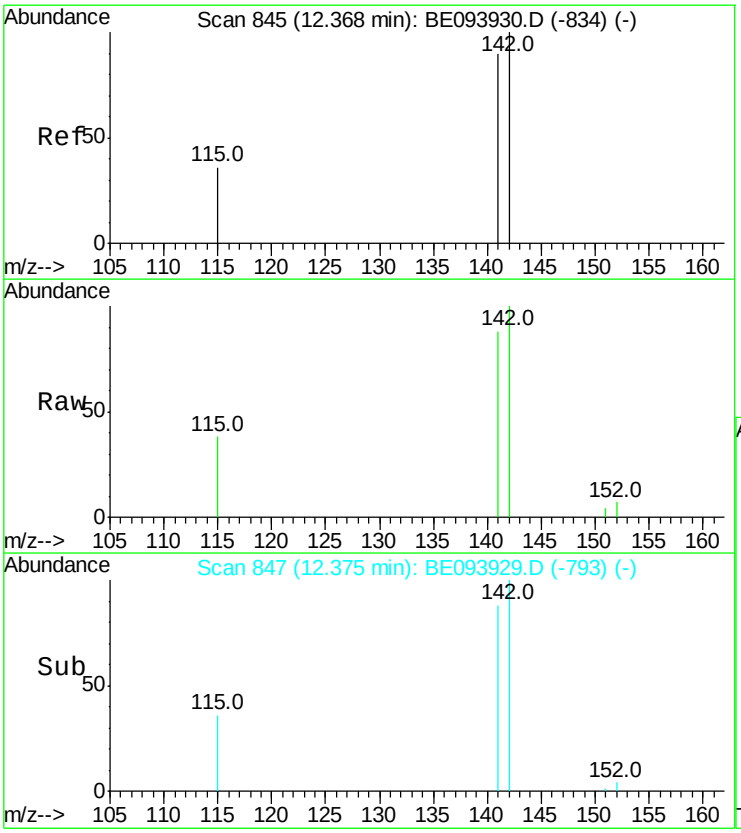
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2968

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

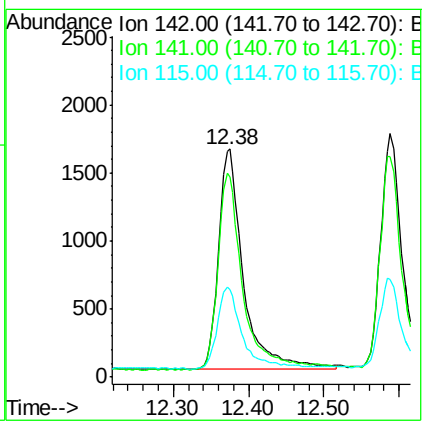


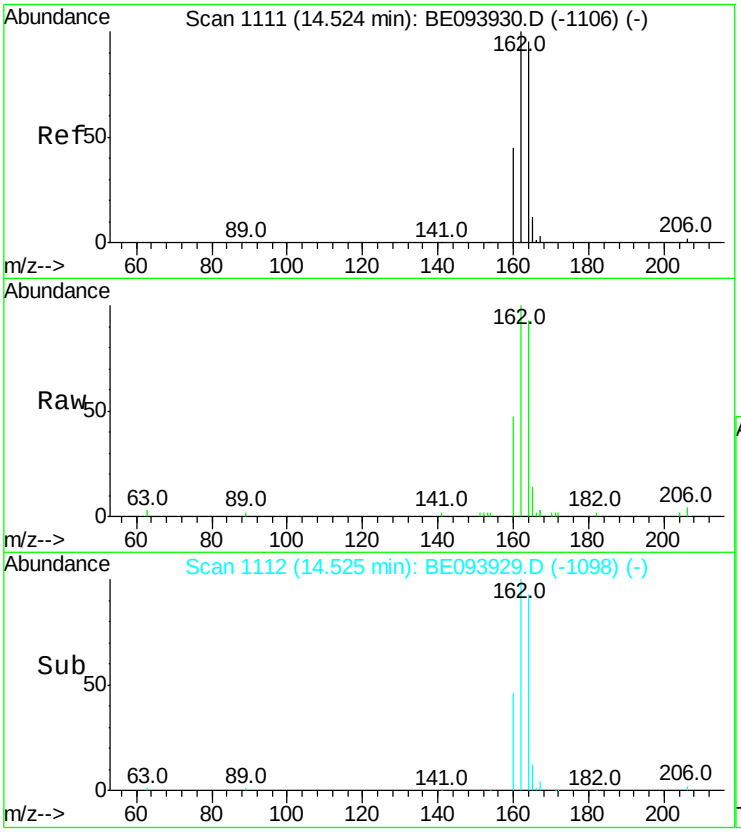


#12
2-Methylnaphthalene
Concen: 0.204 ng
RT: 12.38 min Scan# 847
Delta R.T. 0.01 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:142 Resp: 3727

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	38.4	29.4	44.0



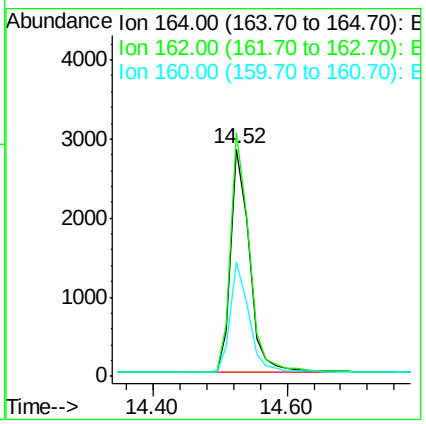


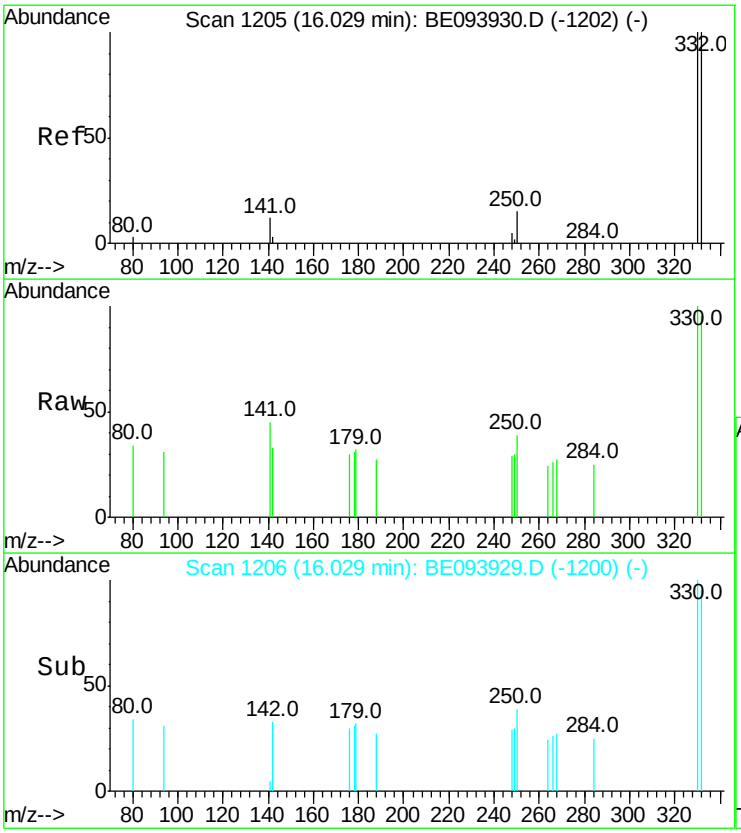
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 5478

Ion	Ratio	Lower	Upper
164	100		
162	107.2	80.8	121.2
160	50.6	37.0	55.4

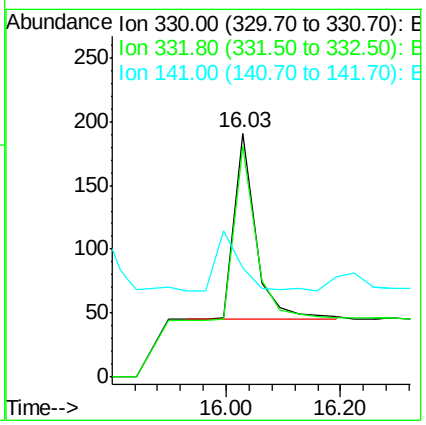


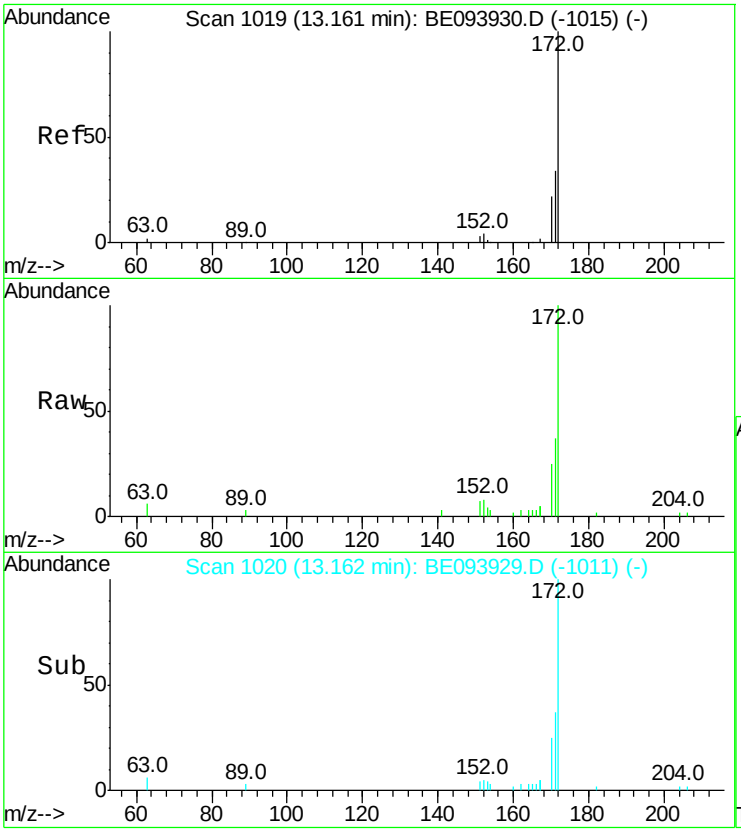


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:330 Resp: 377

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	0.0	0.0	0.0



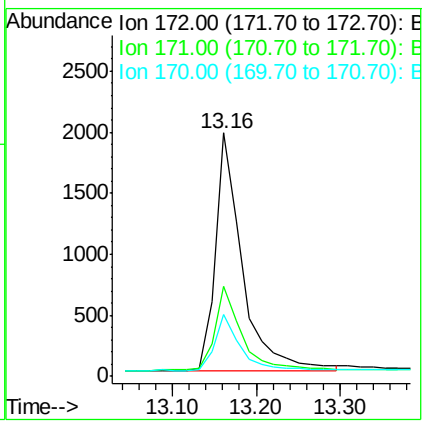


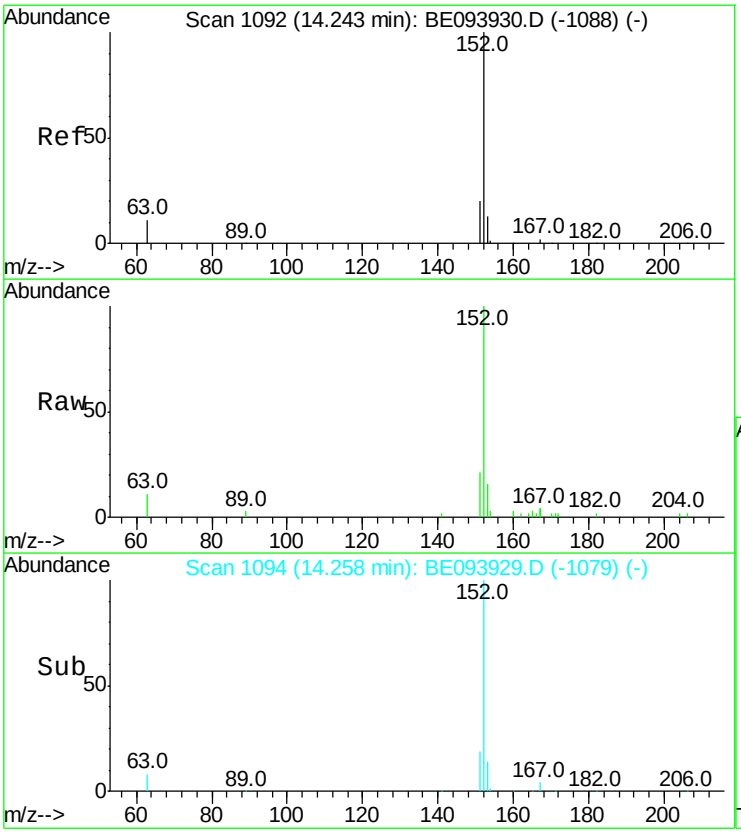
#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 4321

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.9	40.3
170	25.4	17.3	25.9

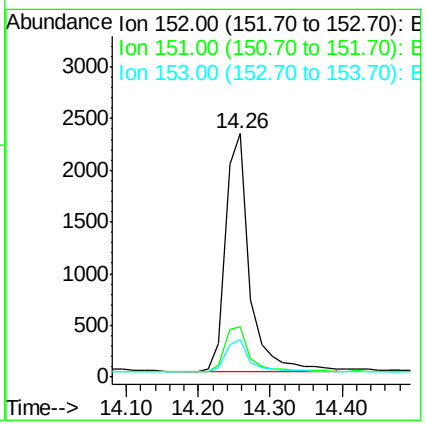


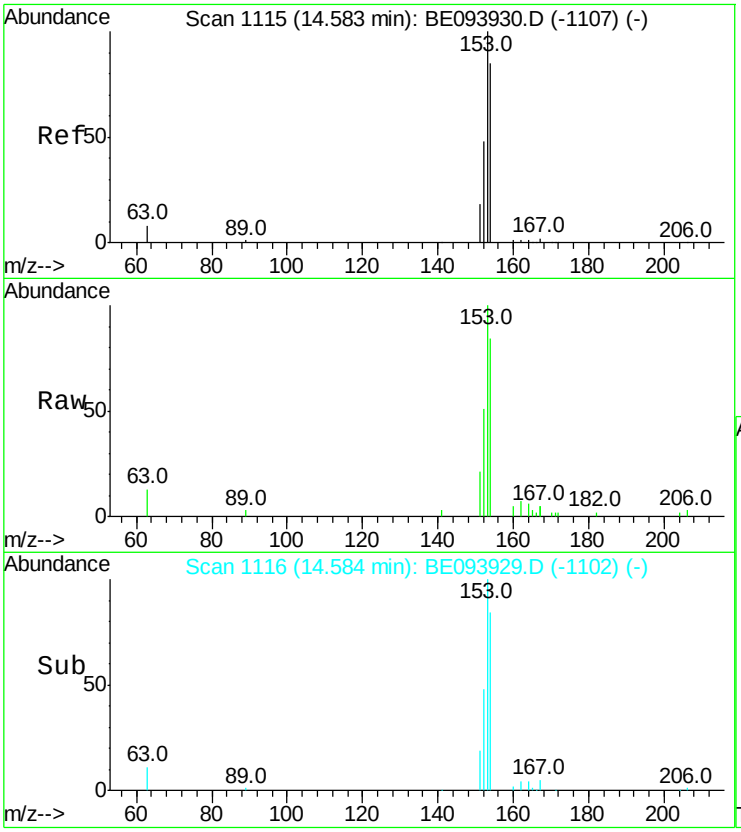


#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:152 Resp: 5353

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.5	10.6	16.0



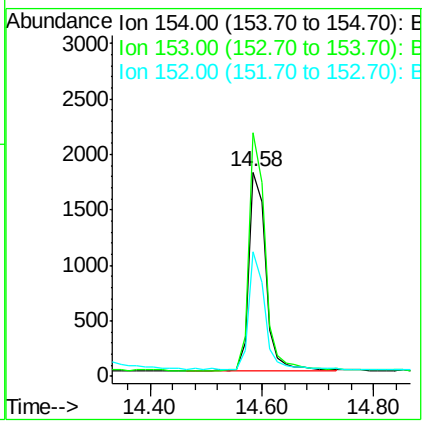


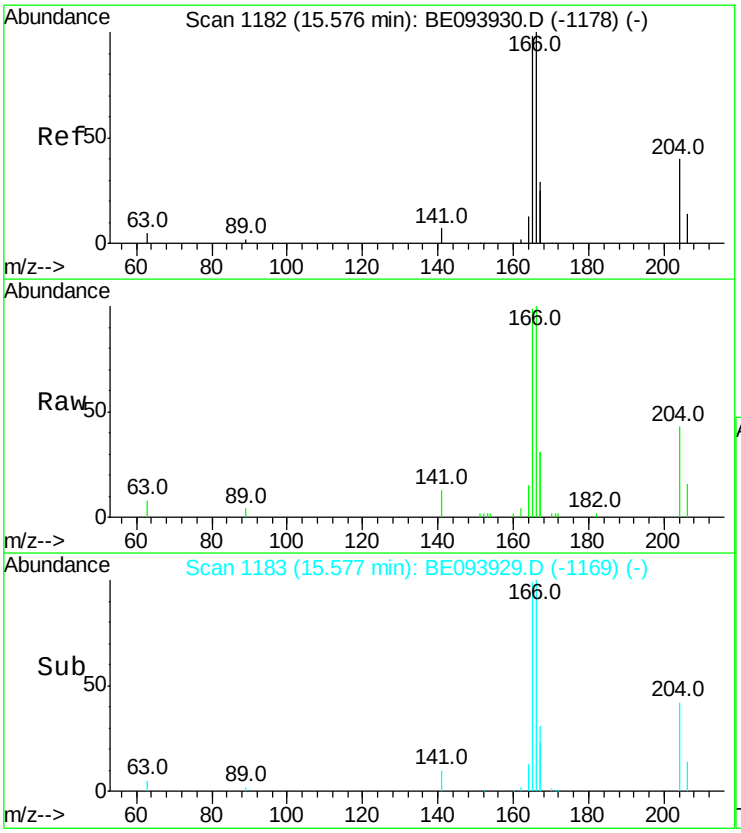
#17
Acenaphthene
Concen: 0.207 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 3782

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.8	137.6
152	55.9	44.9	67.3

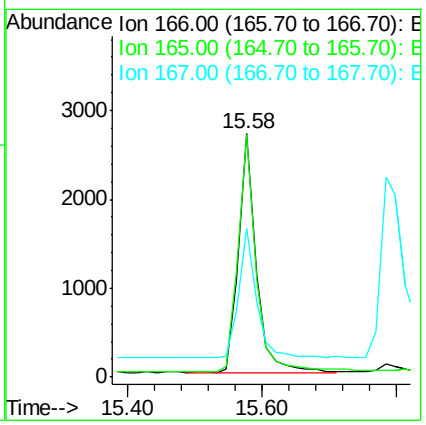


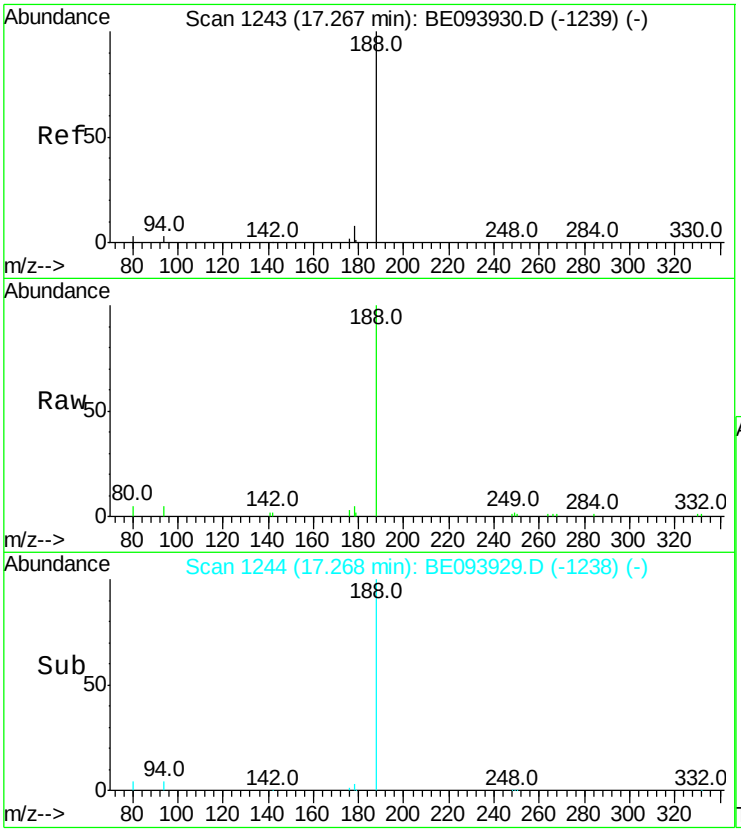


#18
Fluorene
Concen: 0.207 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:166 Resp: 4902

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.4	119.0
167	54.3	43.5	65.3



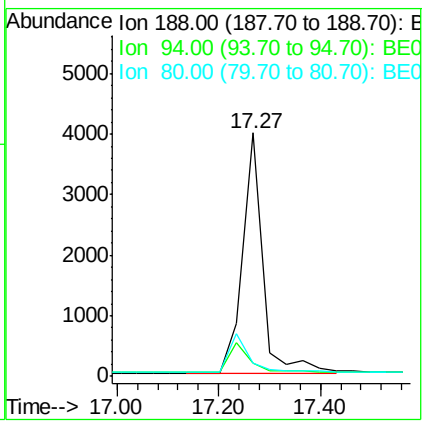


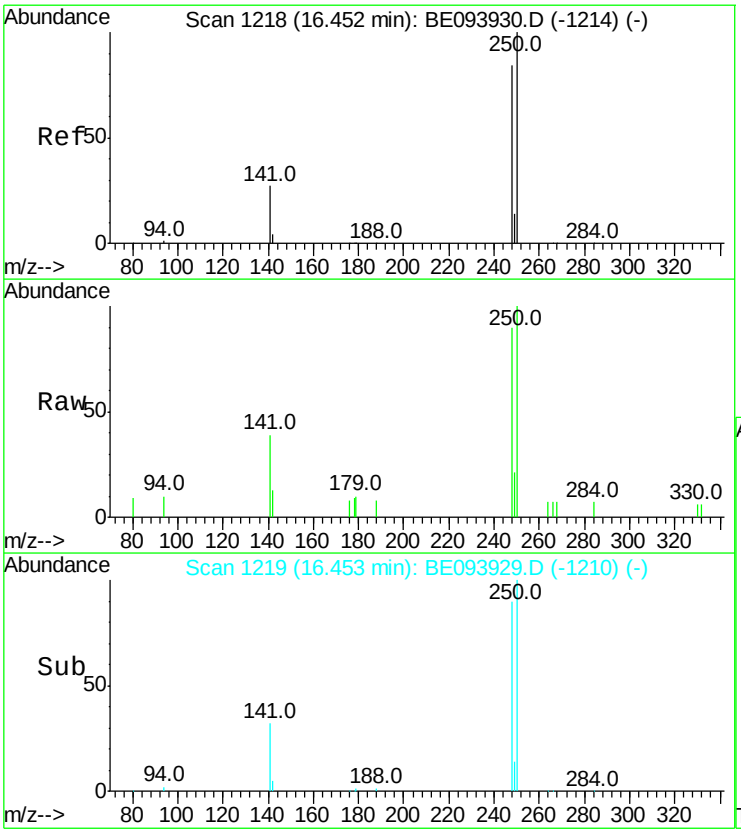
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 10952

Ion	Ratio	Lower	Upper
188	100		
94	5.2	16.1	24.1#
80	5.3	18.2	27.2#

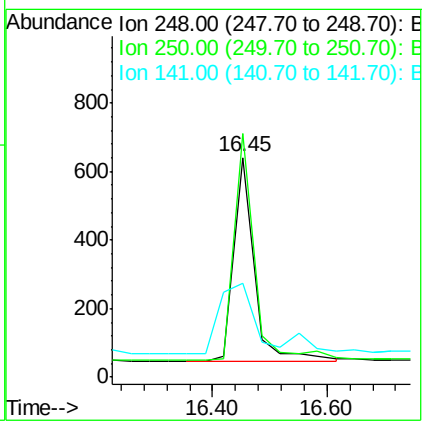


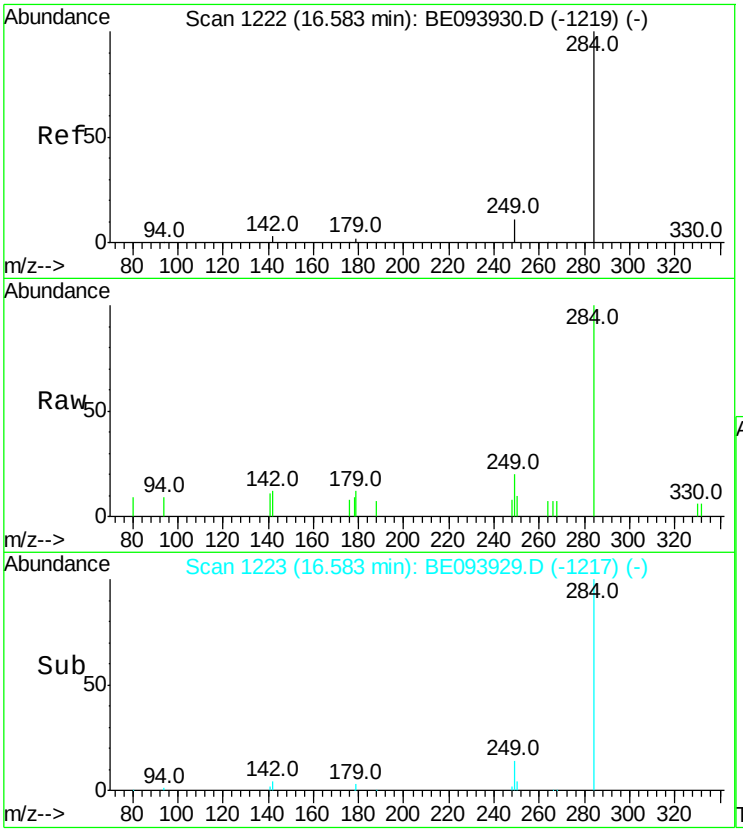


#20
4-Bromophenyl-phenylether
Concen: 0.320 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:248 Resp: 1449

Ion	Ratio	Lower	Upper
248	100		
250	110.7	111.8	167.8#
141	43.0	27.1	40.7#



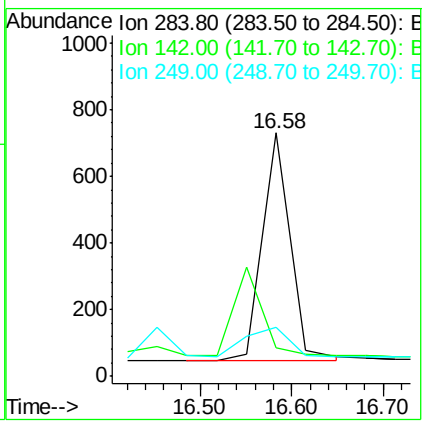


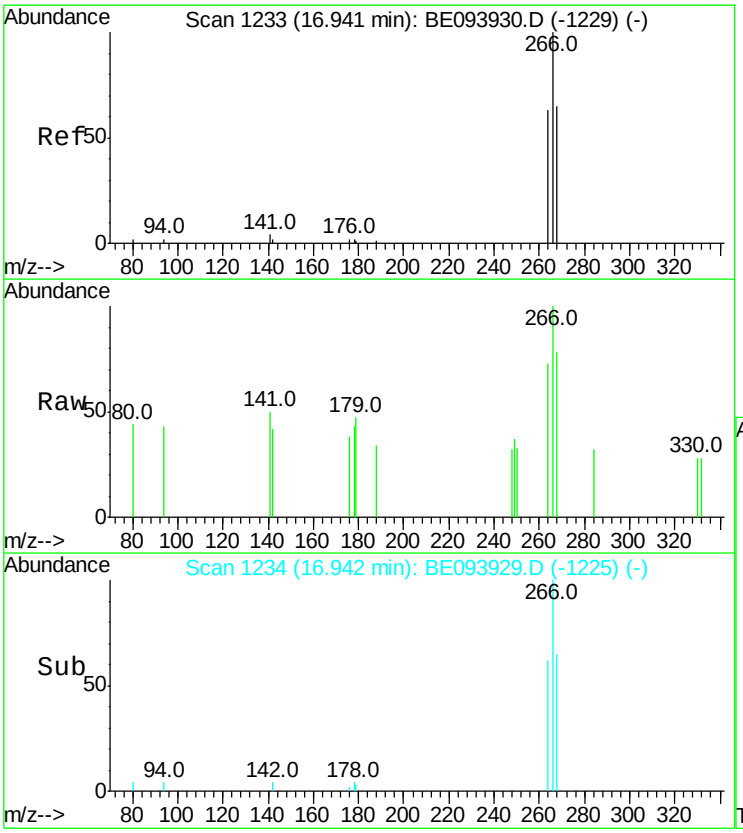
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1445

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	21.0	0.0	0.0#

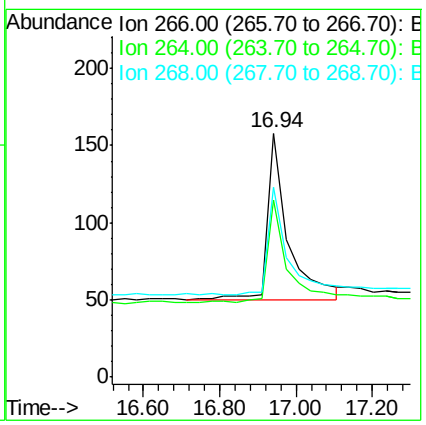


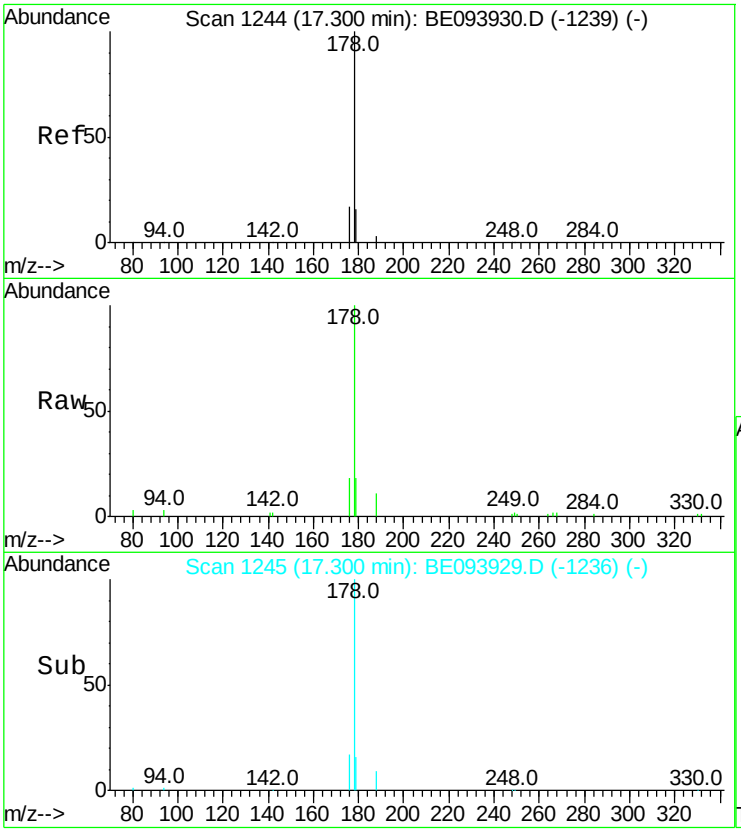


#22
Pentachlorophenol
Concen: 0.238 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:266 Resp: 409

Ion	Ratio	Lower	Upper
266	100		
264	72.8	53.5	80.3
268	77.8	60.0	90.0



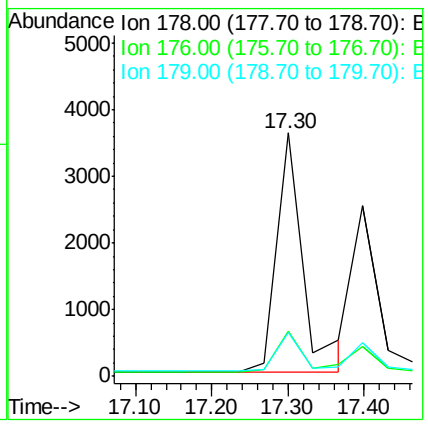


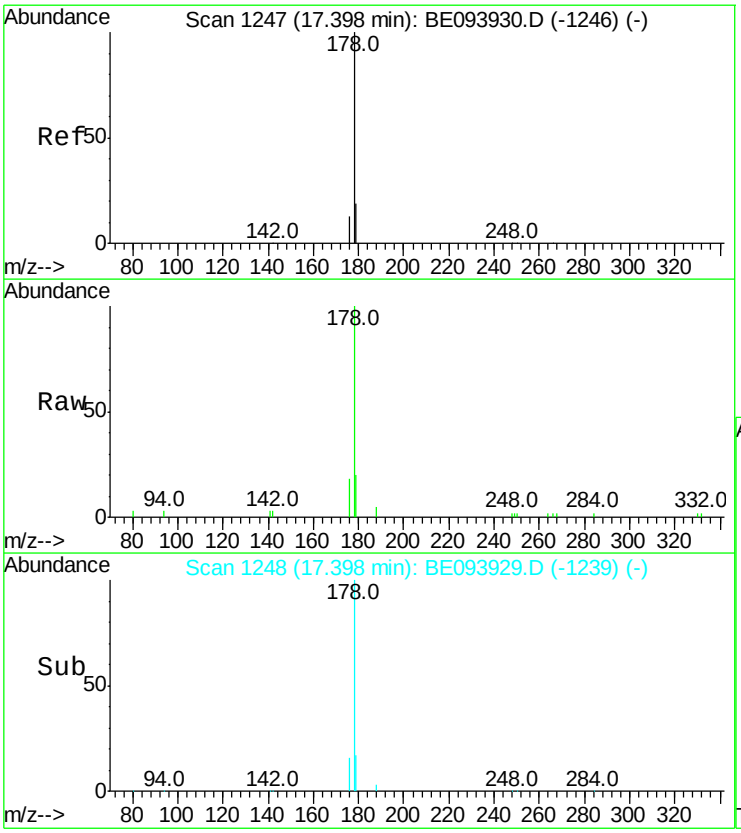
#23
Phenanthrene
Concen: 0.316 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 8785

Ion	Ratio	Lower	Upper
178	100		
176	18.6	0.0	0.0#
179	15.9	12.6	18.8

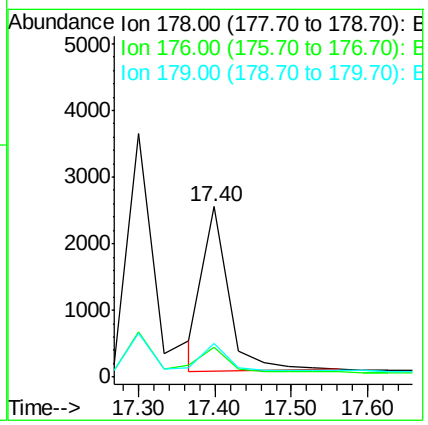


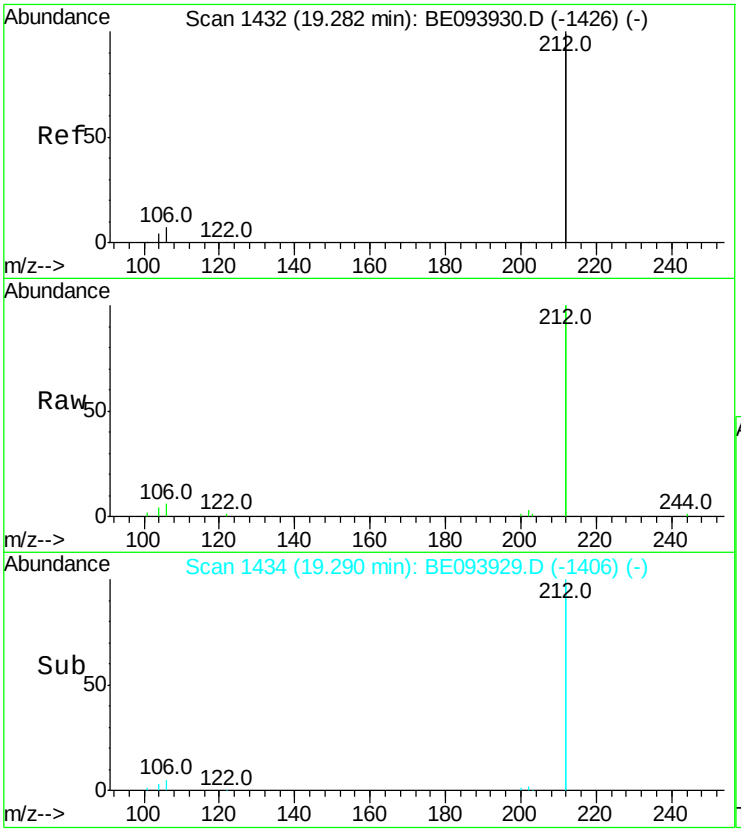


#24
Anthracene
Concen: 0.174 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:178 Resp: 5779

Ion	Ratio	Lower	Upper
178	100		
176	15.5	16.0	24.0#
179	17.5	0.0	0.0#



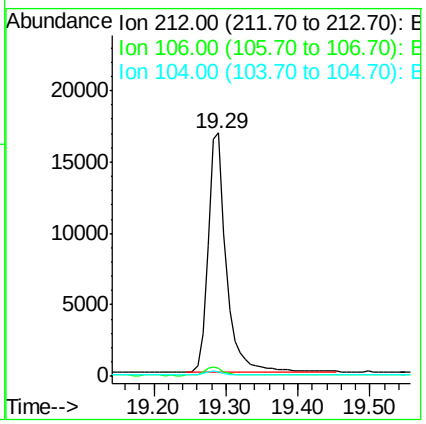


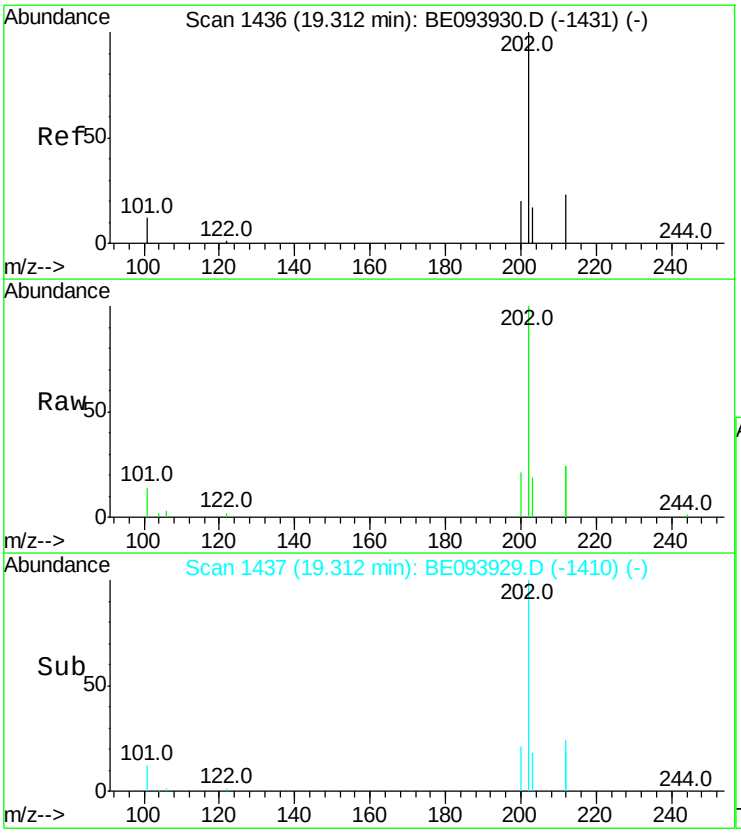
#25
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 29907

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

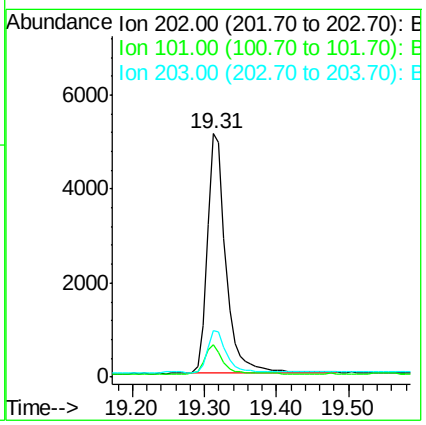


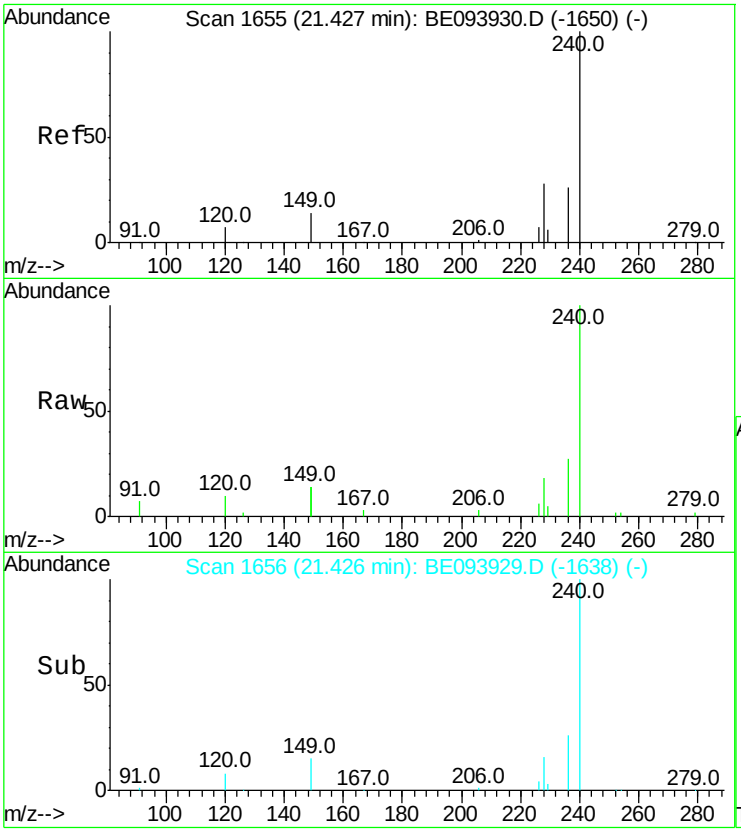


#26
Fluoranthene
Concen: 0.243 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:202 Resp: 9258

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.1	13.7	20.5



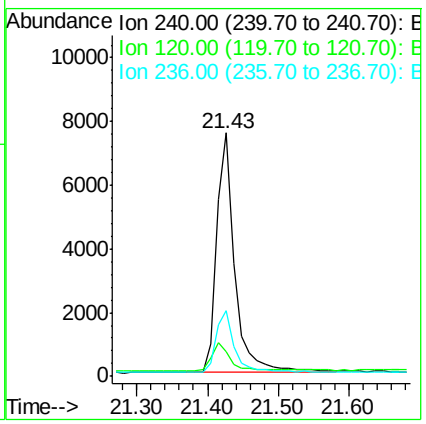


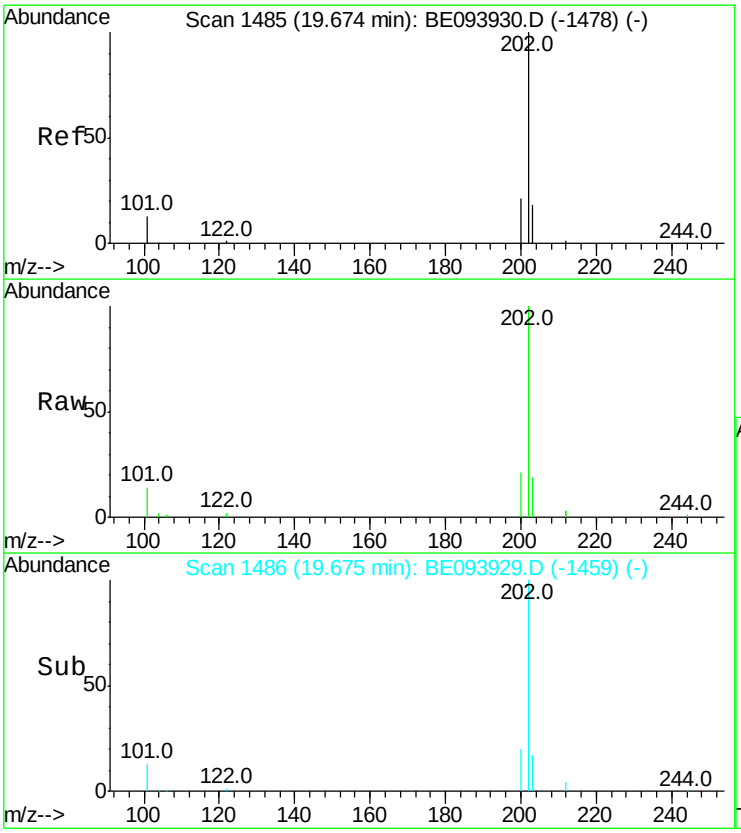
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 13722

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.7	13.1
236	26.8	21.3	31.9

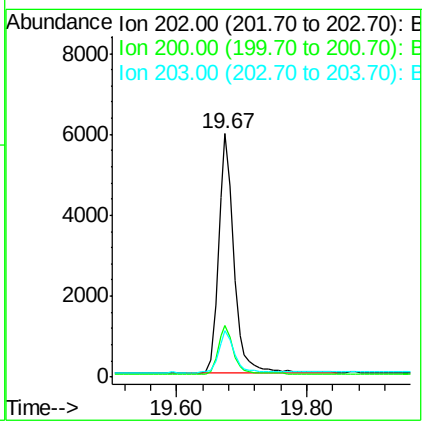


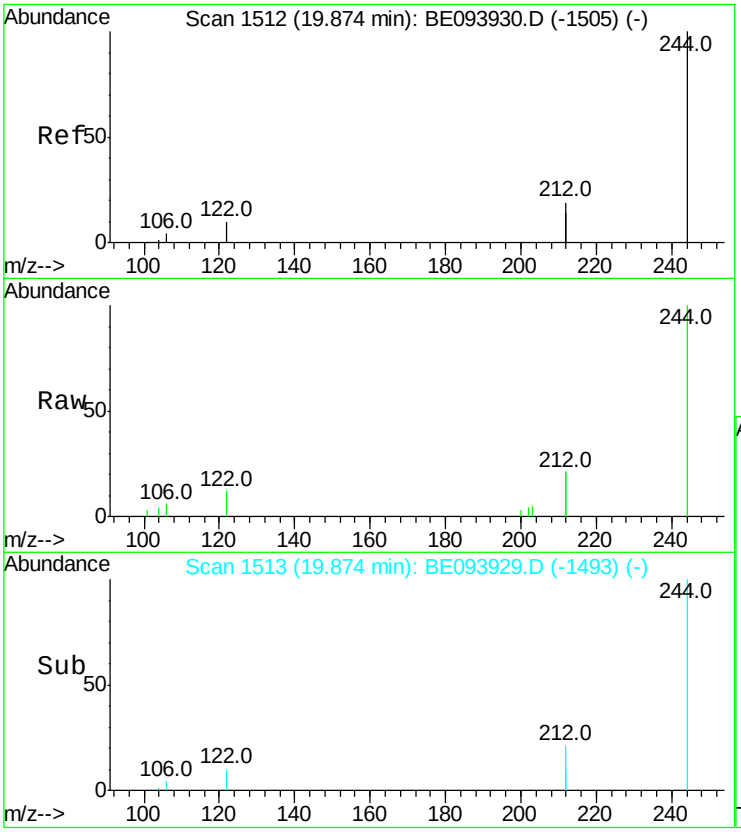


#28
Pyrene
Concen: 0.213 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:202 Resp: 9849

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	18.4	14.2	21.4



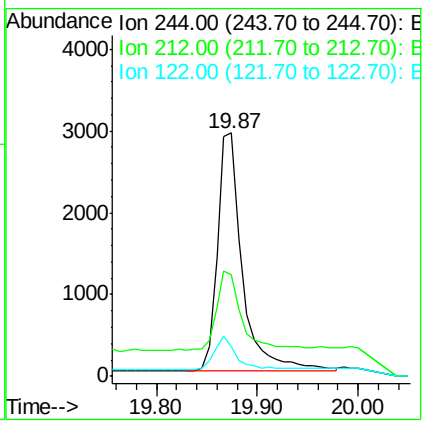


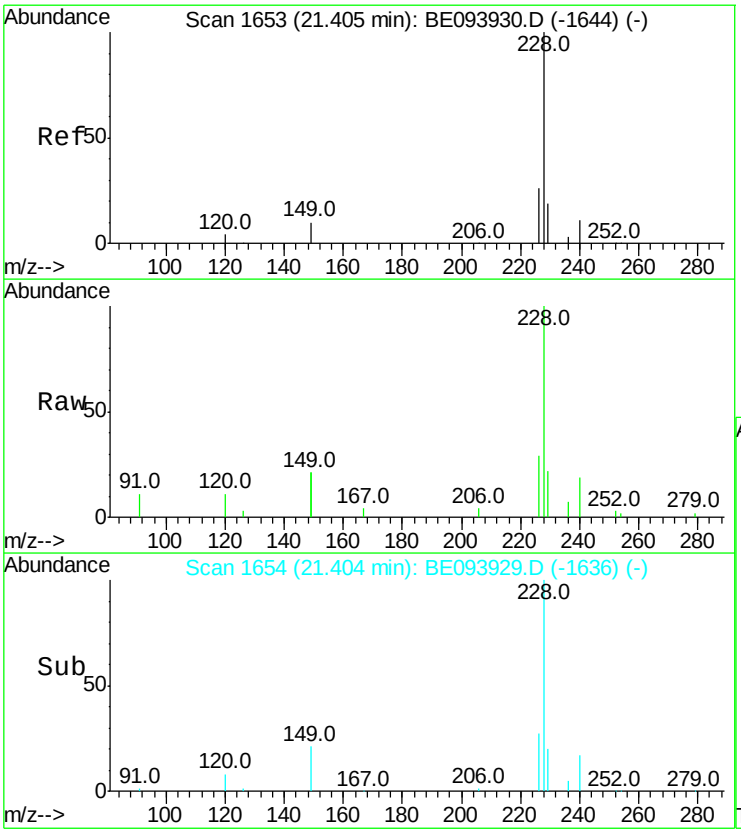
#29
Terphenyl-d14
Concen: 0.202 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 5014

Ion	Ratio	Lower	Upper
244	100		
212	41.6	28.3	42.5
122	12.3	9.4	14.0

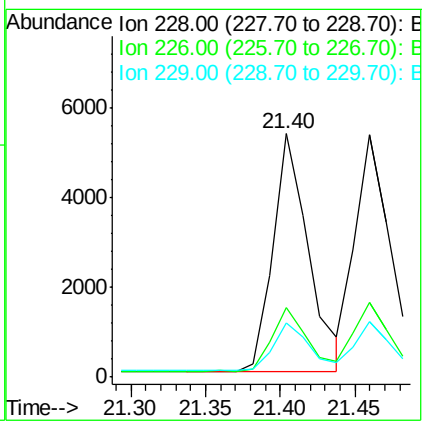


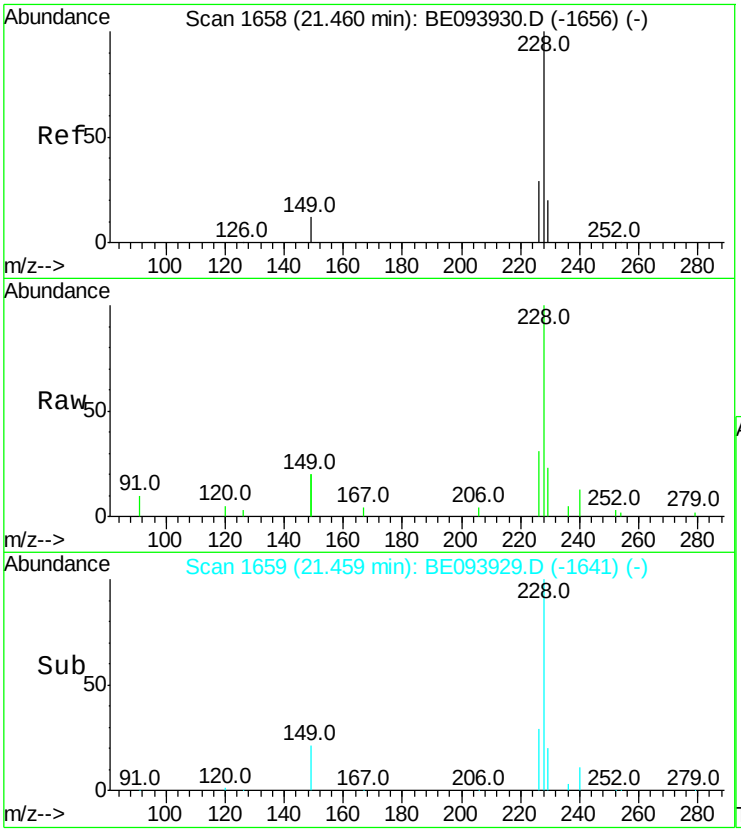


#30
Benzo(a)anthracene
Concen: 0.214 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:228 Resp: 8735

Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.8	31.2
229	22.3	16.6	25.0



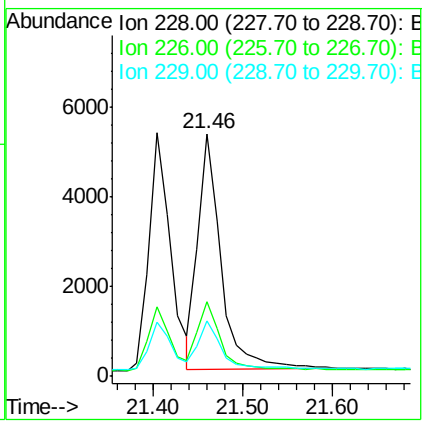


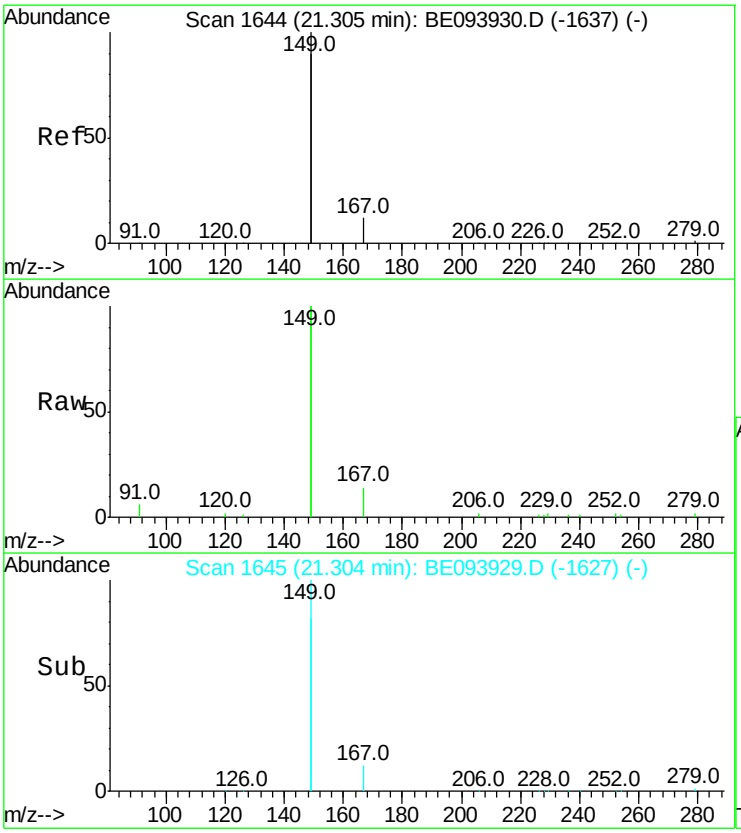
#31
Chrysene
Concen: 0.207 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 9360

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	22.7	15.8	23.8

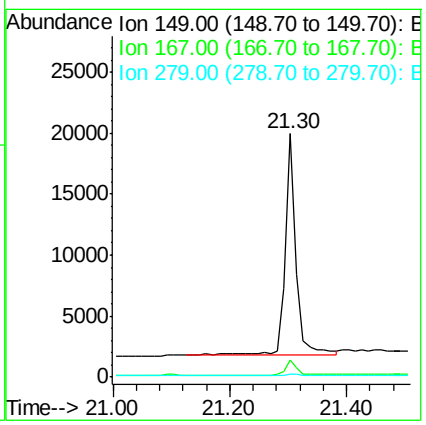


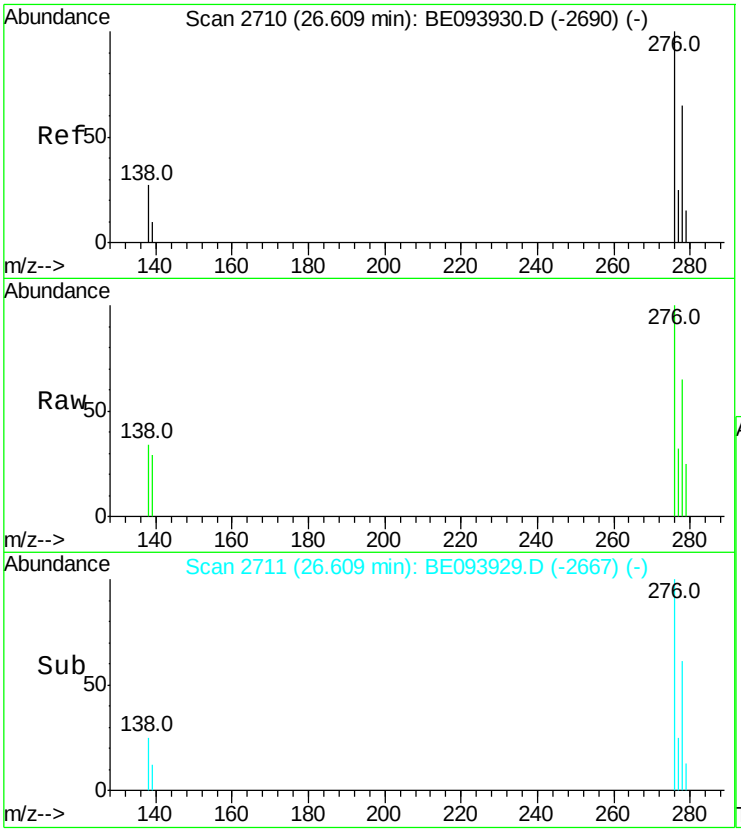


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.270 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:149 Resp: 23227

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



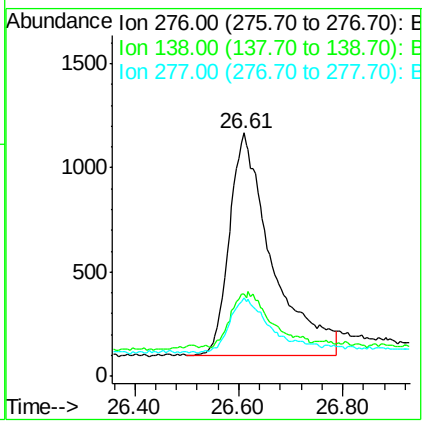


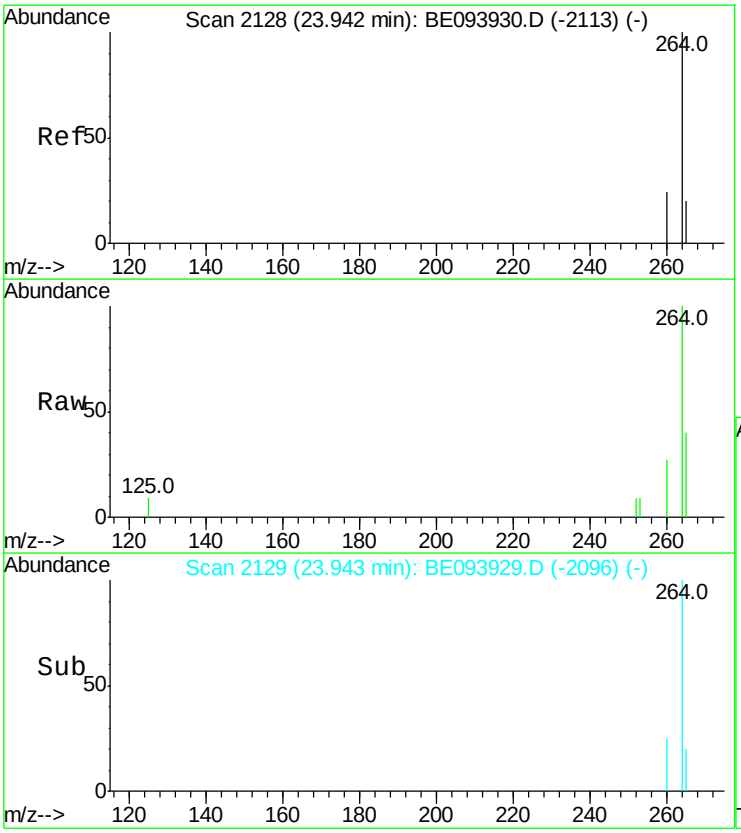
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6083

Ion	Ratio	Lower	Upper
276	100		
138	9.2	22.2	33.2#
277	22.0	19.5	29.3

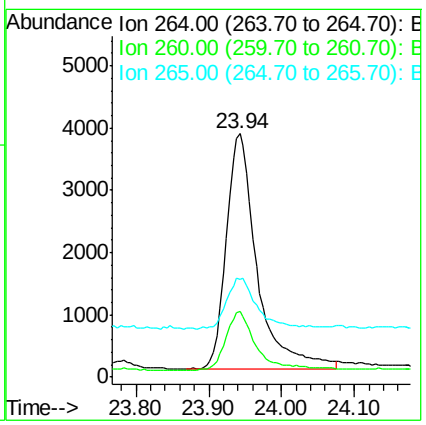


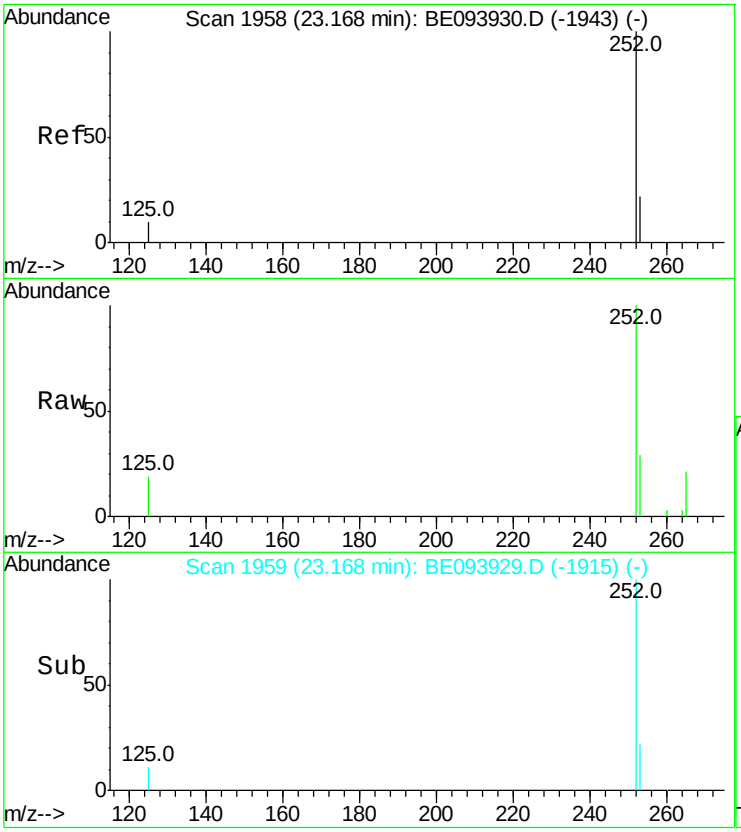


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:264 Resp: 11205

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.0	30.0
265	39.9	24.0	36.0#



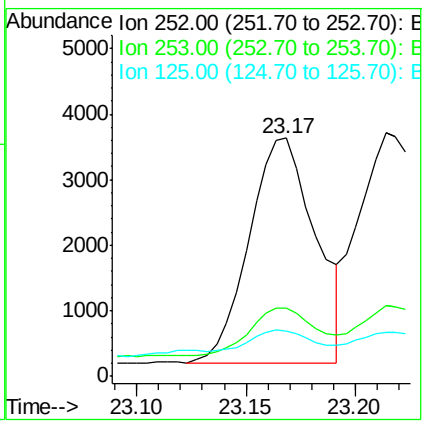


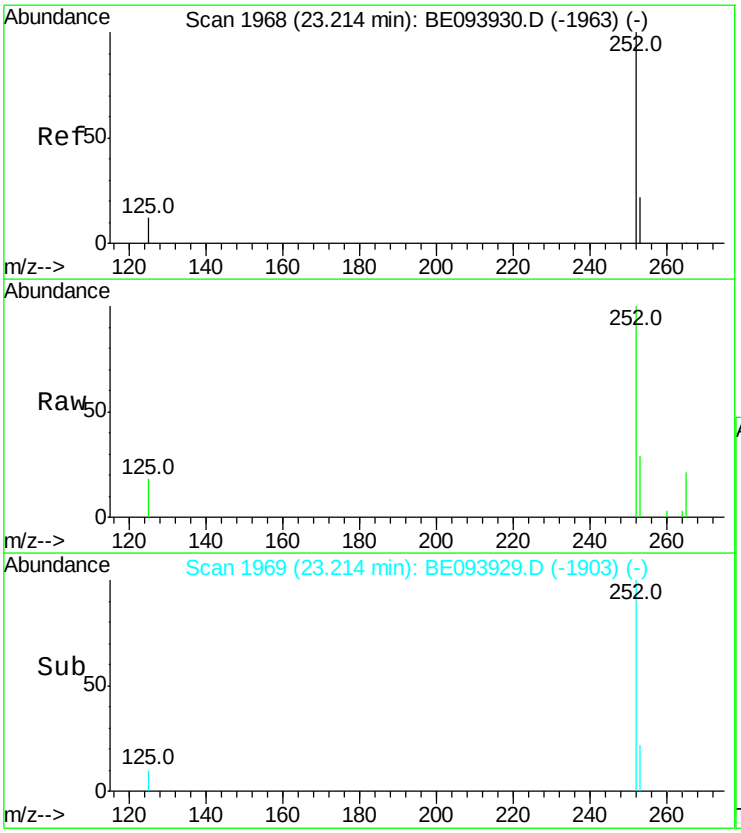
#35
Benzo(b)fluoranthene
Concen: 0.202 ng
RT: 23.17 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 7234

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.4	29.0
125	18.7	10.0	15.0#

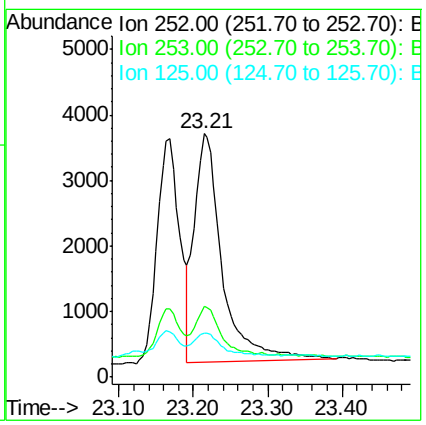


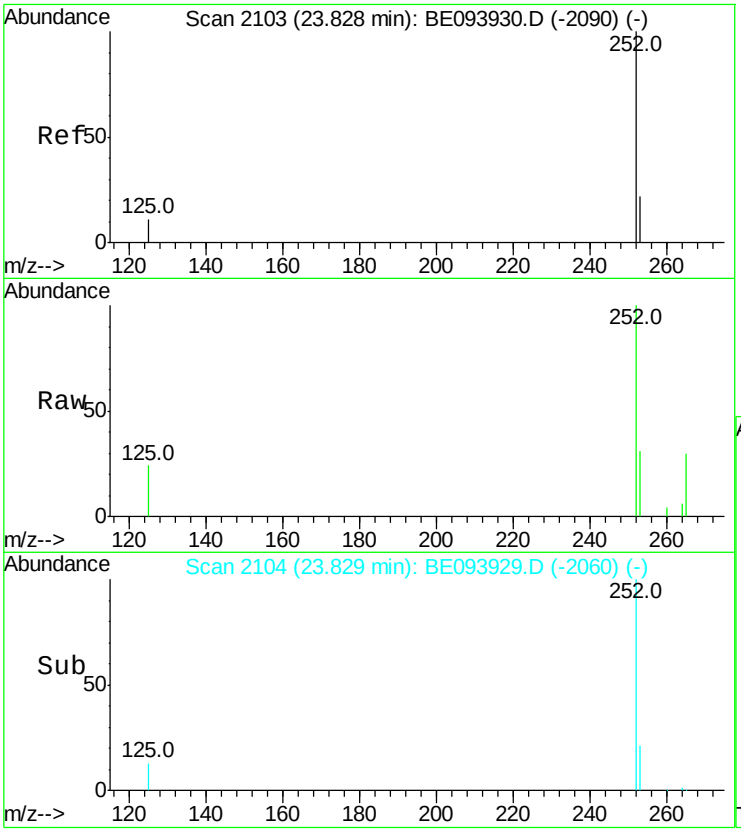


#36
Benzo(k)fluoranthene
Concen: 0.221 ng
RT: 23.21 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:252 Resp: 9019

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.1	27.1#
125	18.1	9.8	14.6#



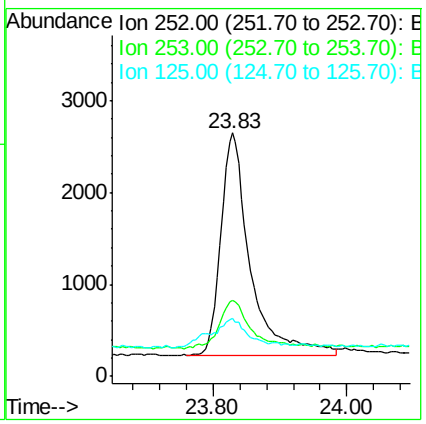


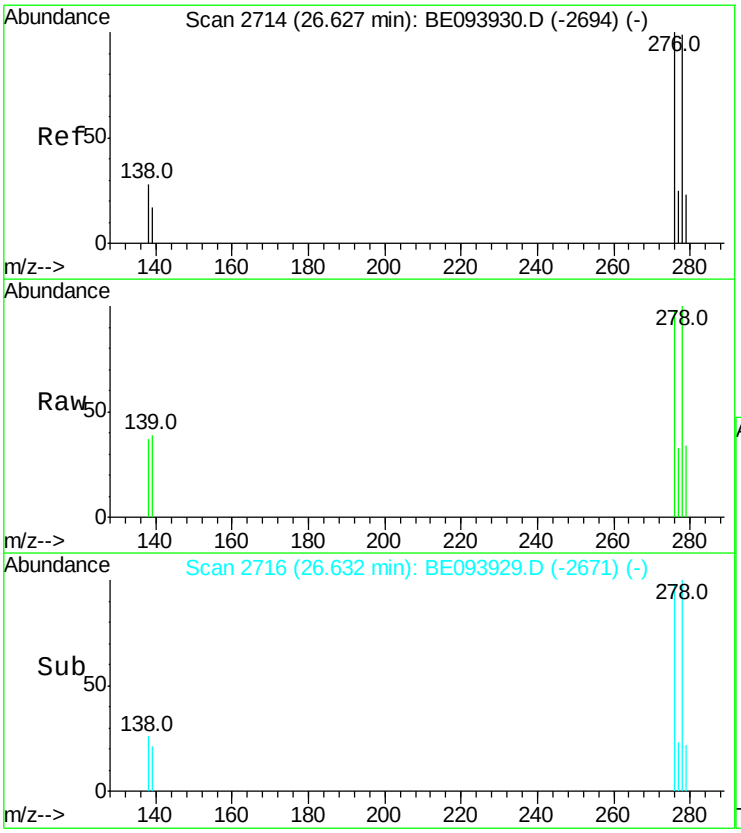
#37
Benzo(a)pyrene
Concen: 0.210 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 7463

Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.6	29.4#
125	23.7	11.8	17.8#

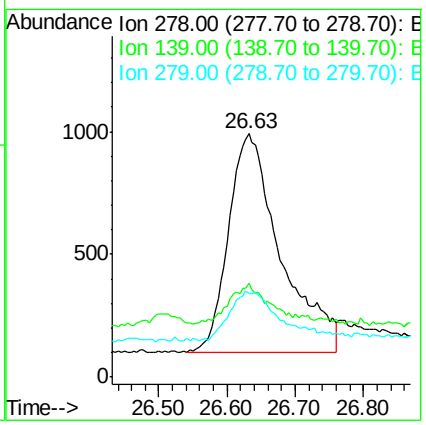


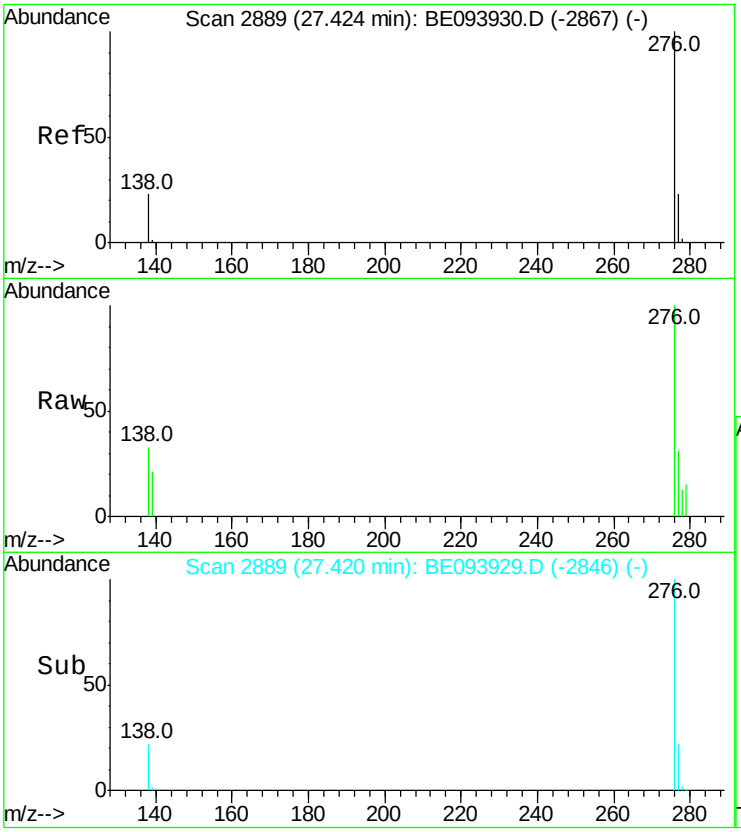


#38
Dibenzo(a,h)anthracene
Concen: 0.189 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Tgt Ion:278 Resp: 4731

Ion	Ratio	Lower	Upper
278	100		
139	38.5	16.7	25.1#
279	34.3	21.6	32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.190 ng
RT: 27.42 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BE093929.D
Acq: 5 Sep 2017 10:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5197

Ion	Ratio	Lower	Upper
276	100		
277	31.2	20.6	30.8#
138	32.6	21.9	32.9