Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093937.D
Acq On : 5 Sep 2017 15:16
Operator : SJ/JU
Sample : PB102046BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB102046BSD

Quant Time: Sep 06 05:26:03 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 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2665	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	12029	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	6830	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	13684	0.40	ng		0.00
27) Chrysene-d12	21.43	240	21562	0.40	ng		0.00
34) Perylene-d12	23.94	264	17499	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2403	0.28	ng		0.00
5) Phenol-d6	7.11	99	3227	0.25	ng		0.00
8) Nitrobenzene-d5	9.08	82	2890	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	6032	0.31	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	688	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	7130	0.26	ng		0.00
25) Fluoranthene-d10	19.28	212	64836	0.32	ng		0.00
29) Terphenyl-d14	19.87	244	13787	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1017	0.277	ng	#	38
3) n-Nitrosodimethylamine	3.75	42	1437	0.334	ng	#	86
6) bis(2-Chloroethyl)ether	7.34	93	2627	0.249	ng		95
9) Naphthalene	10.76	128	35408	0.257	ng		100
10) Hexachlorobutadiene	11.04	225	1353	0.270	ng		99
12) 2-Methylnaphthalene	12.37	142	5851	0.255	ng		98
16) Acenaphthylene	14.24	152	8456	0.248	ng		100
17) Acenaphthene	14.58	154	5838	0.253	ng		98
18) Fluorene	15.58	166	7761	0.261	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2009	0.215	ng		94
21) Hexachlorobenzene	16.58	284	2001	0.248	ng	#	100
22) Pentachlorophenol	16.94	266	851	0.392	ng		98
23) Phenanthrene	17.30	178	22920	0.546	ng	#	88
24) Anthracene	17.30	178	23052	0.553	ng	#	76
26) Fluoranthene	19.31	202	17351	0.285	ng		99
28) Pyrene	19.67	202	18100	0.244	ng		100
30) Benzo(a)anthracene	21.40	228	17329	0.262	ng		99
31) Chrysene	21.46	228	17196	0.245	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	48233	0.300	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	11661	0.250	ng		96
35) Benzo(b)fluoranthene	23.16	252	14460	0.259	ng		98
36) Benzo(k)fluoranthene	23.21	252	17636	0.258	ng		96
37) Benzo(a)pyrene	23.83	252	14720	0.259	ng		96
38) Dibenzo(a,h)anthracene	26.63	278	9230	0.245	ng		95
39) Benzo(g,h,i)perylene	27.42	276	9902	0.249	ng		98

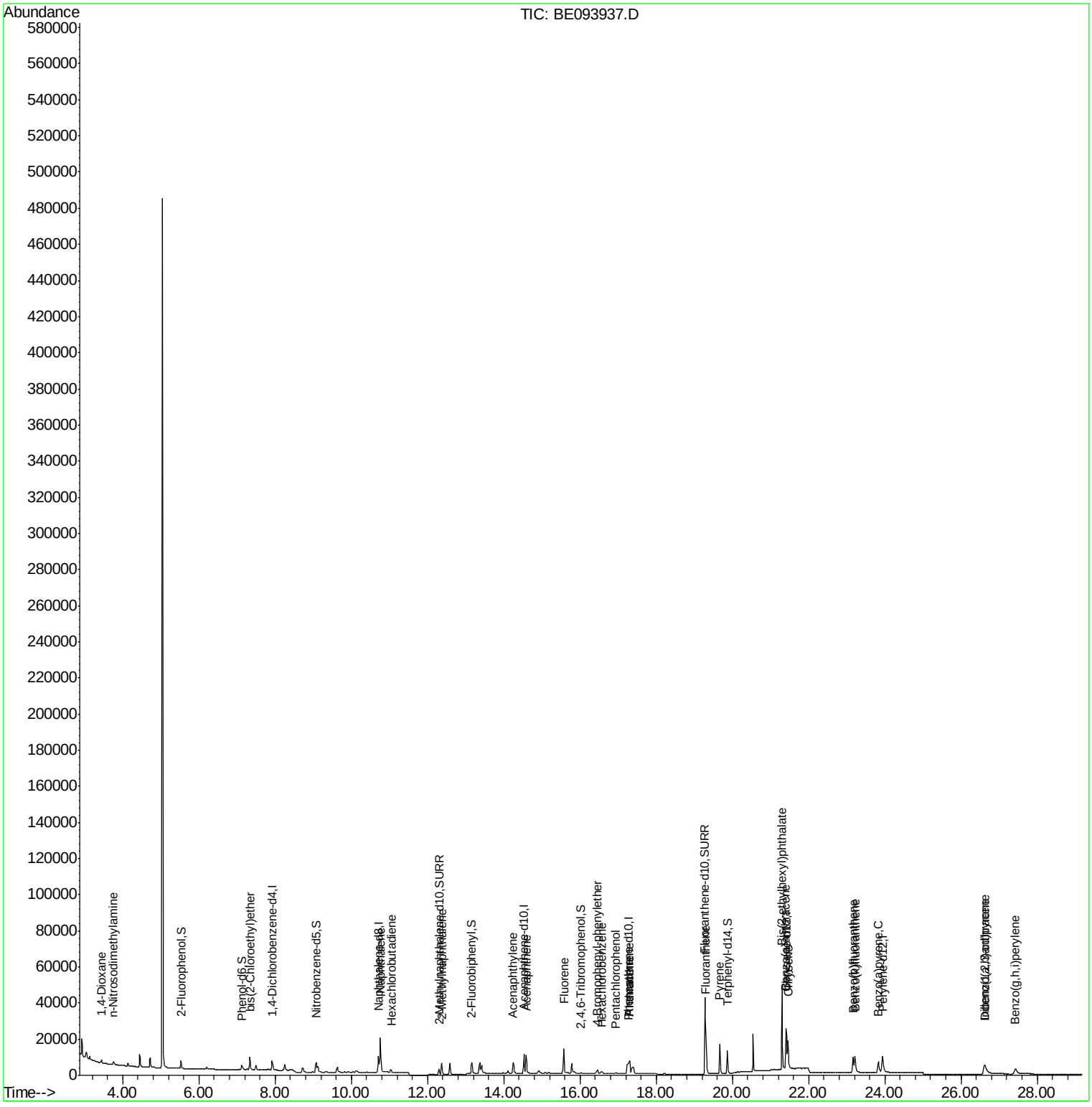
(#) = qualifier out of range (m) = manual integration (+) = signals summed

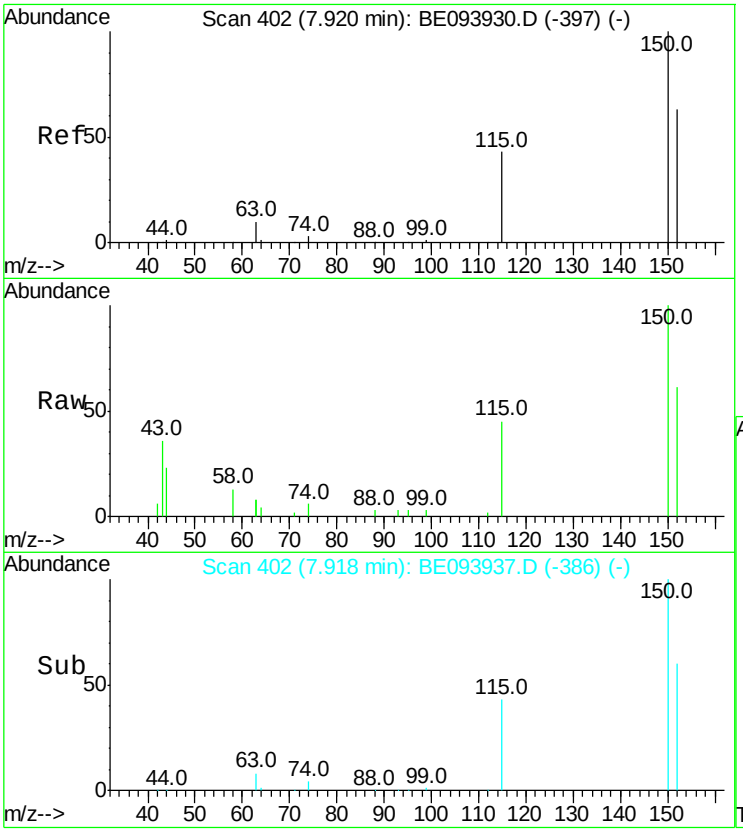
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093937.D
Acq On : 5 Sep 2017 15:16
Operator : SJ/JU
Sample : PB102046BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Quant Time: Sep 06 05:26:03 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 13:34:56 2017
Response via : Initial Calibration



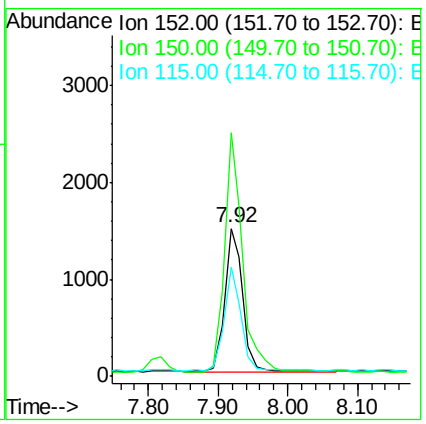


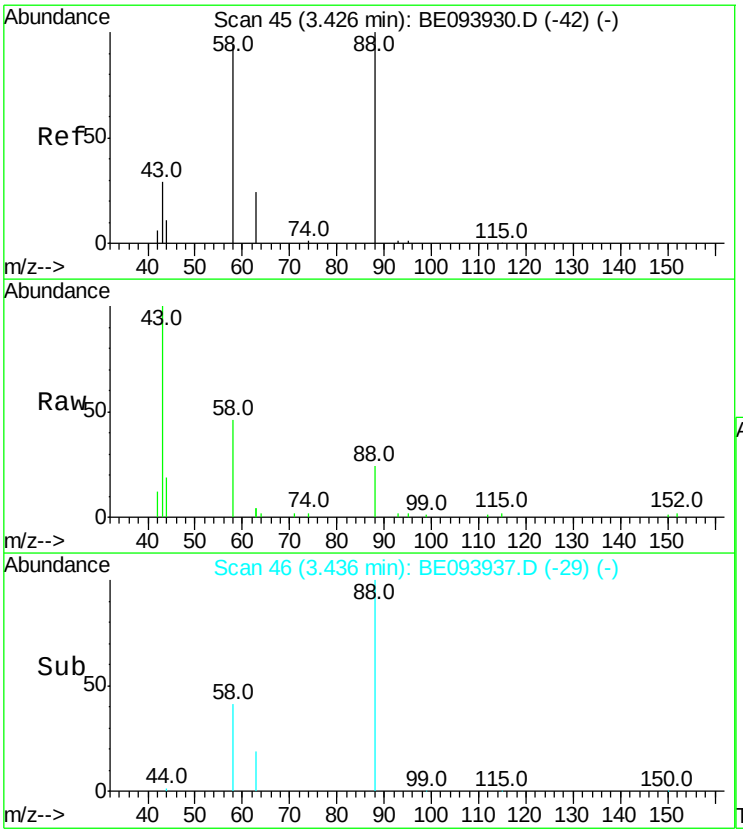
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:152 Resp: 2665

Ion	Ratio	Lower	Upper
152	100		
150	164.8	121.8	182.6
115	74.3	52.6	79.0

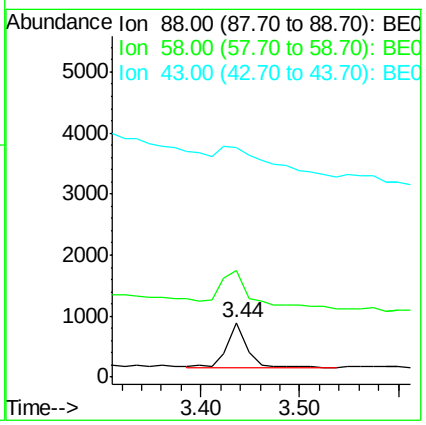


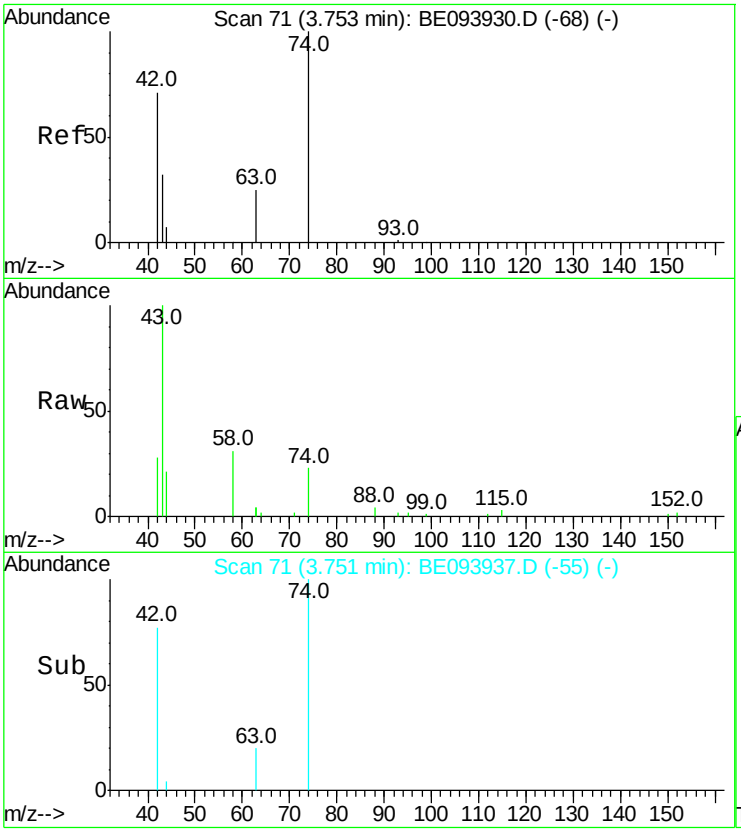


#2
1,4-Dioxane
Concen: 0.277 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion: 88 Resp: 1017

Ion	Ratio	Lower	Upper
88	100		
58	139.4	65.4	98.0#
43	0.0	23.9	35.9#



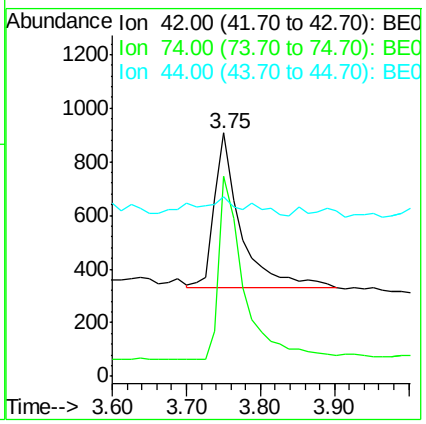


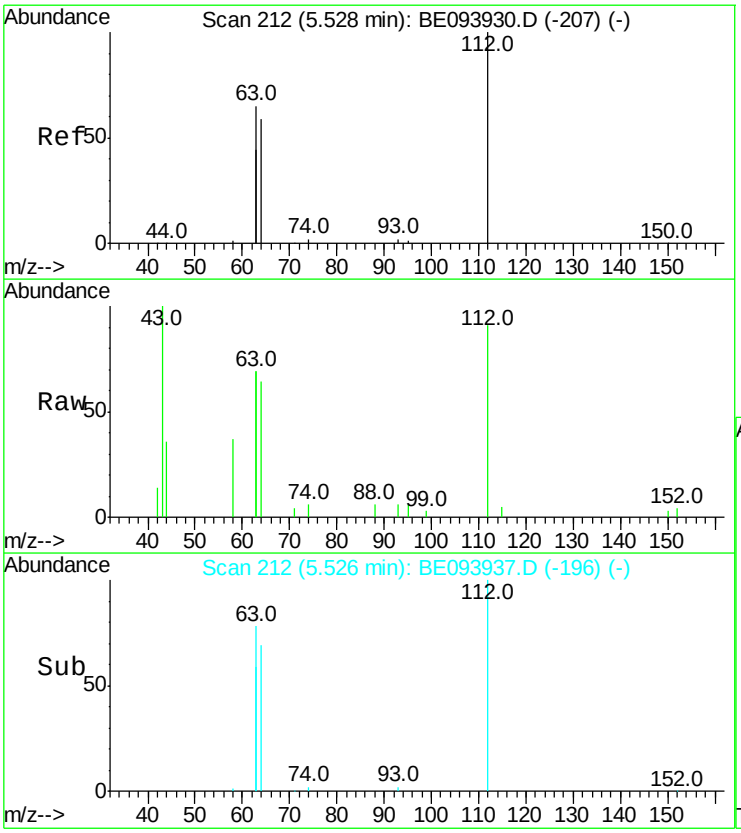
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion: 42 Resp: 1437

Ion	Ratio	Lower	Upper
42	100		
74	113.2	104.0	156.0
44	12.9	13.8	20.8#

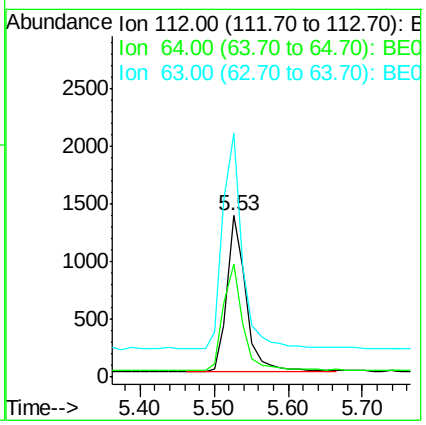


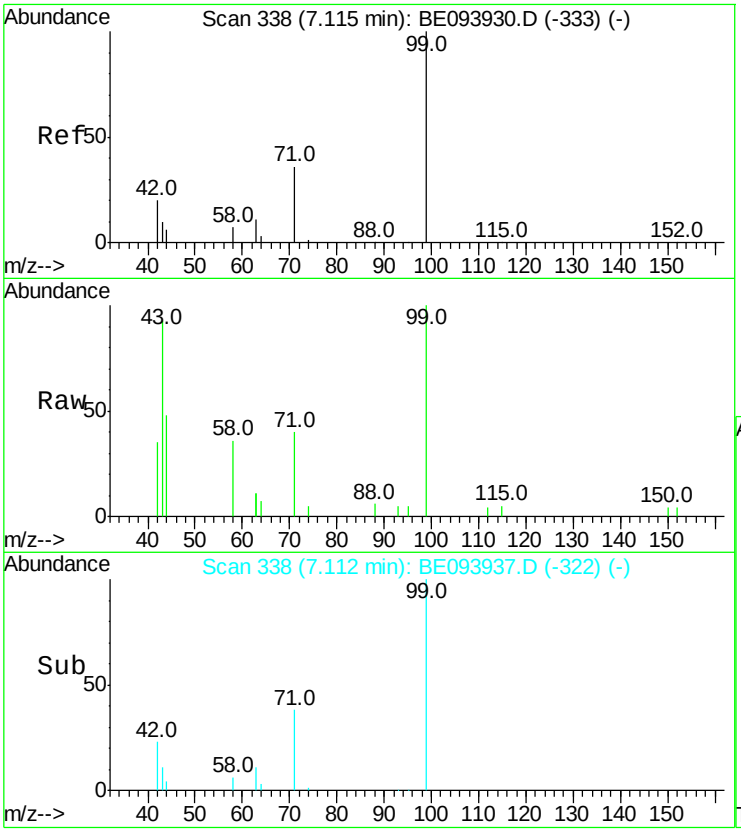


#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:112 Resp: 2403

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.7	86.5
63	142.8	116.0	174.0



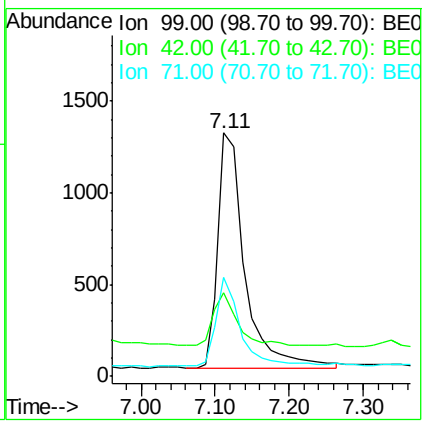


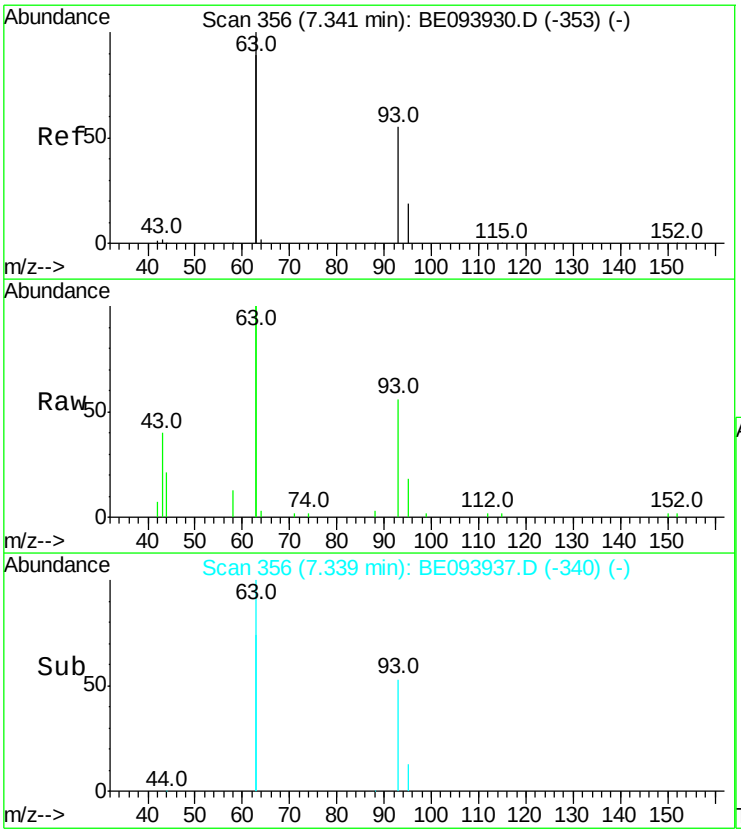
#5
Phenol-d6
Concen: 0.250 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion: 99 Resp: 3227

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.1	25.7
71	35.1	26.6	39.8

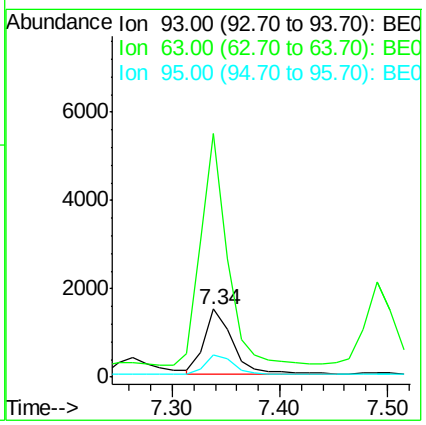


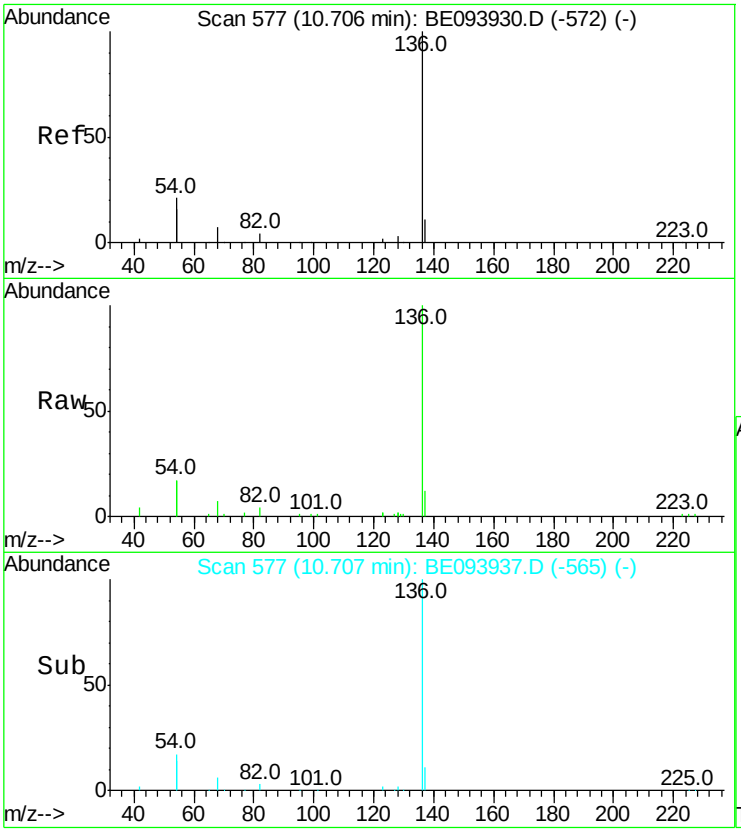


#6
bis(2-Chloroethyl)ether
Concen: 0.249 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion: 93 Resp: 2627

Ion	Ratio	Lower	Upper
93	100		
63	343.2	283.4	425.2
95	30.3	26.9	40.3



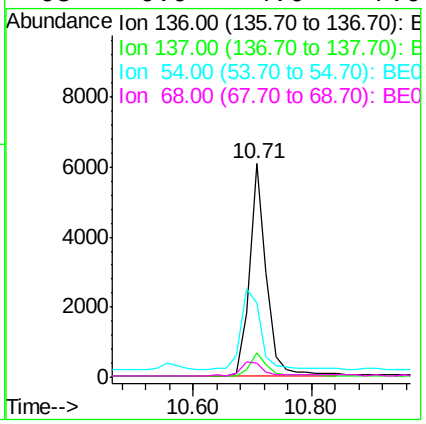


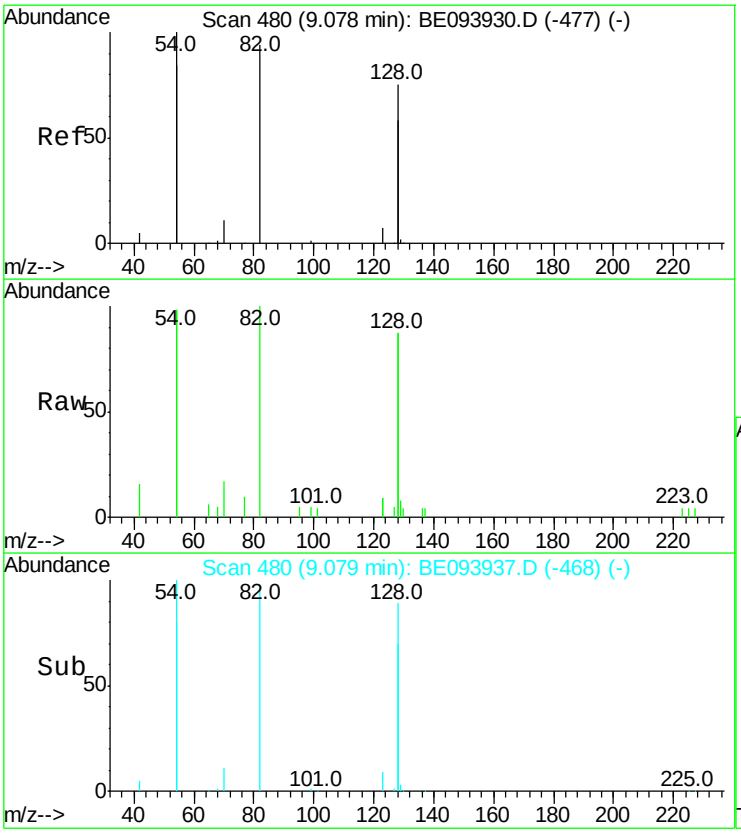
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:136 Resp: 12029

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	34.5	21.9	32.9#
68	6.9	4.6	7.0

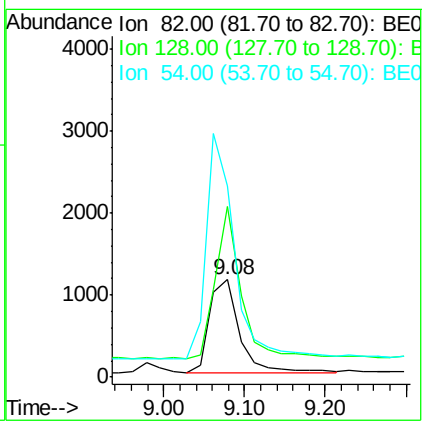


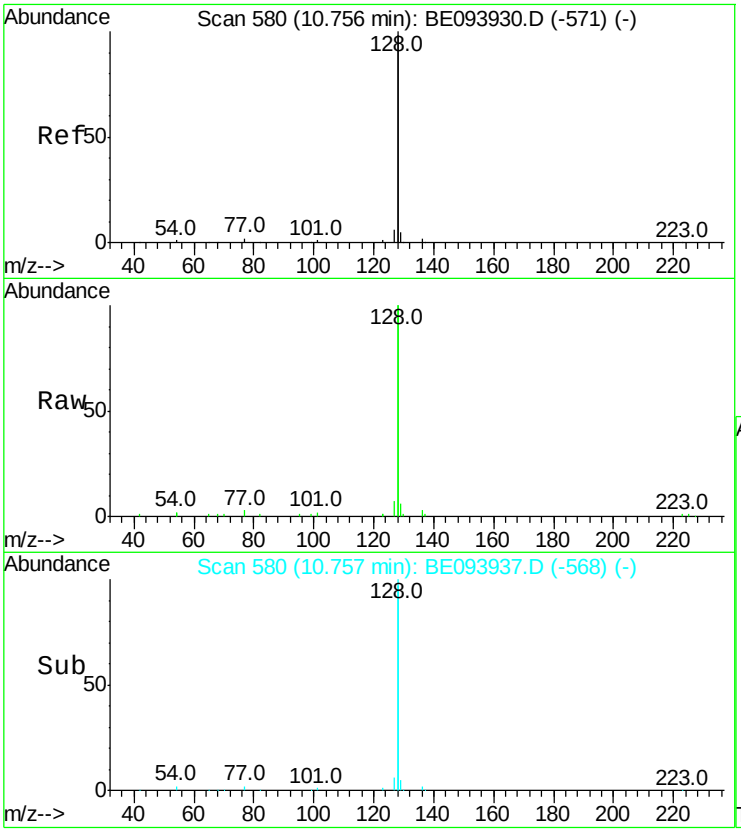


#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion: 82 Resp: 2890

Ion	Ratio	Lower	Upper
82	100		
128	174.7	91.4	137.0#
54	196.0	197.8	296.8#



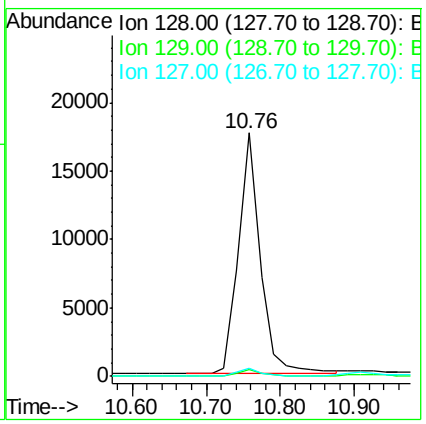


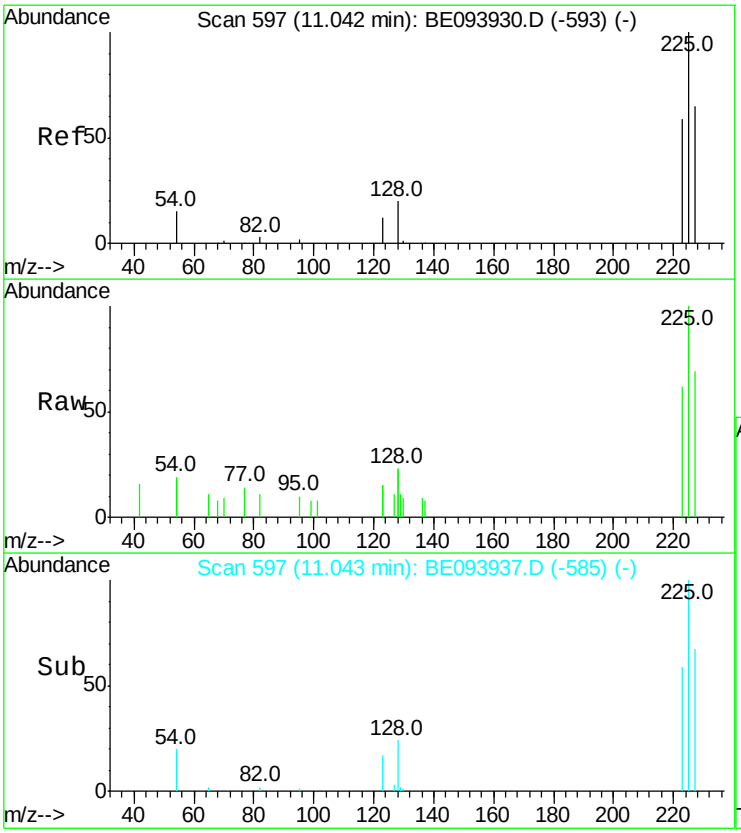
#9
Naphthalene
Concen: 0.257 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:128 Resp: 35408

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.4	2.6	4.0

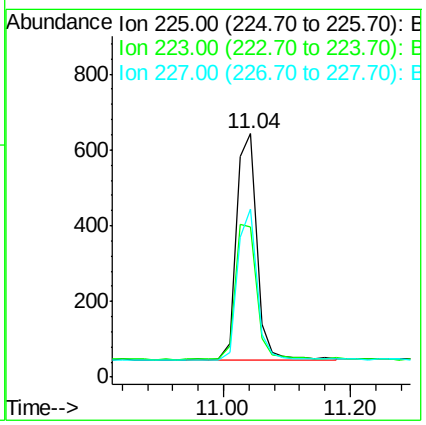


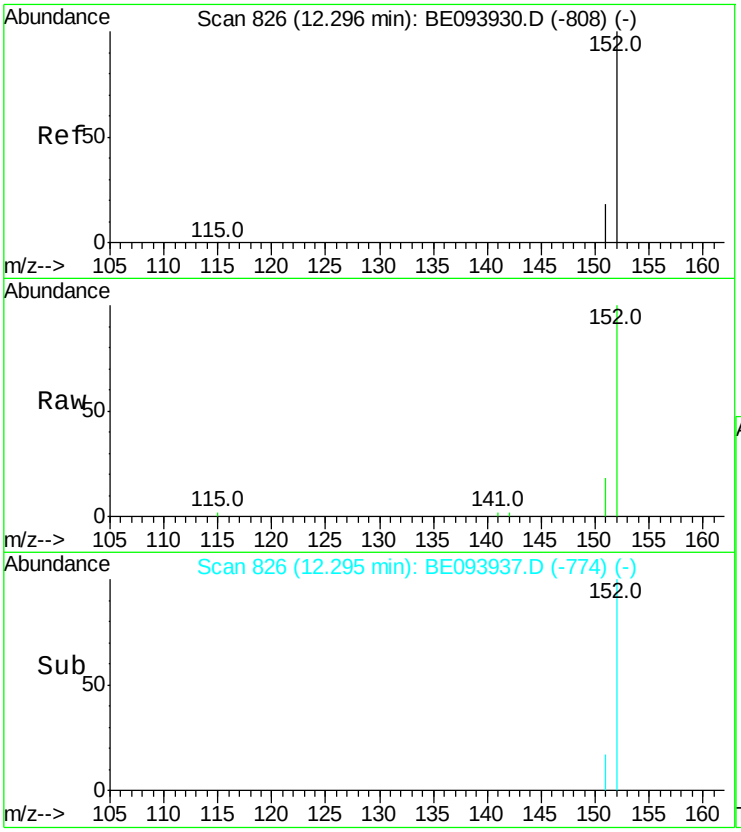


#10
Hexachlorobutadiene
Concen: 0.270 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:225 Resp: 1353

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	63.9	50.5	75.7



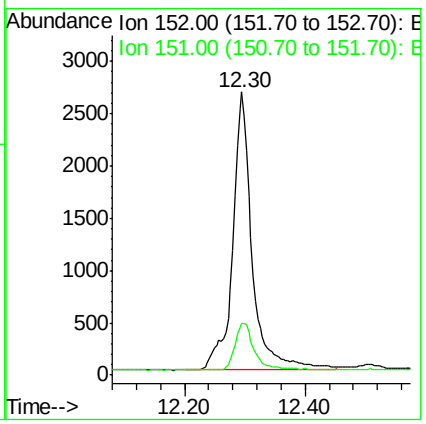


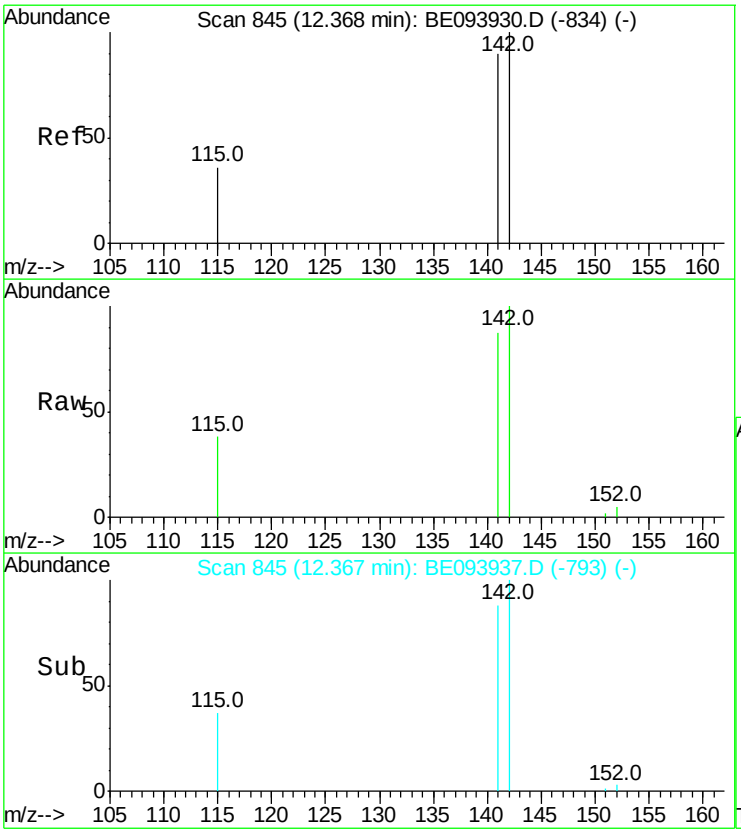
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.30 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:152 Resp: 6032

Ion	Ratio	Lower	Upper
152	100		
151	16.5	15.4	23.0

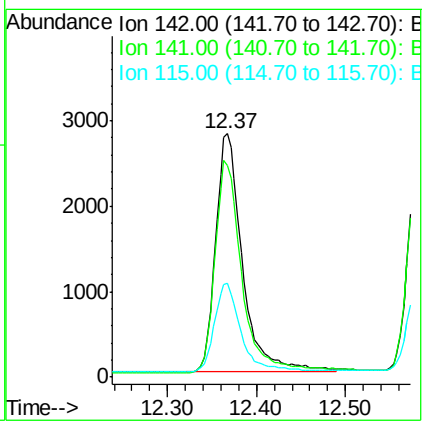


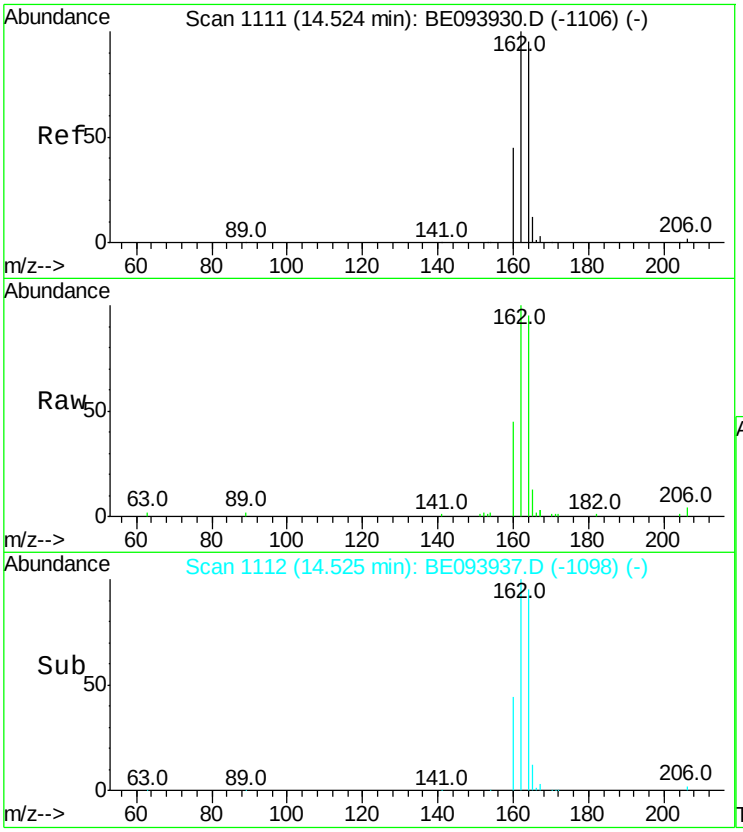


#12
2-Methylnaphthalene
Concen: 0.255 ng
RT: 12.37 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:142 Resp: 5851

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.4	107.2
115	38.4	29.4	44.0



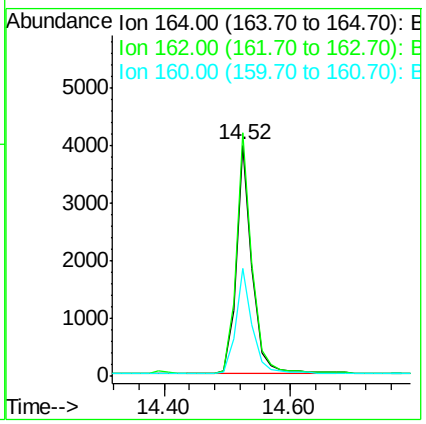


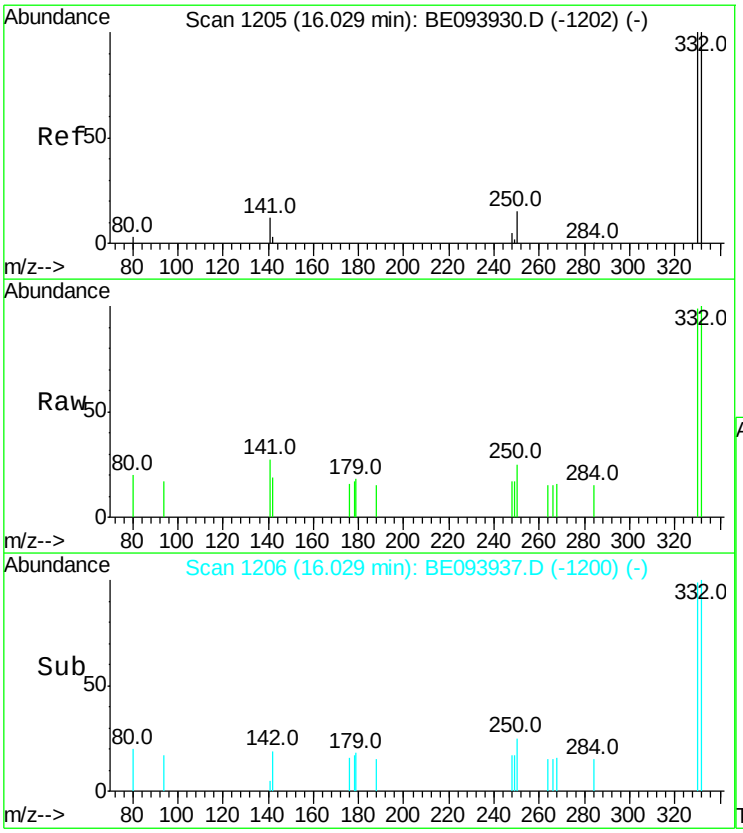
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:164 Resp: 6830

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.8	121.2
160	46.8	37.0	55.4

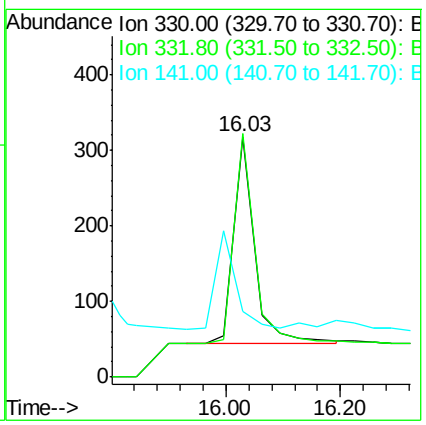


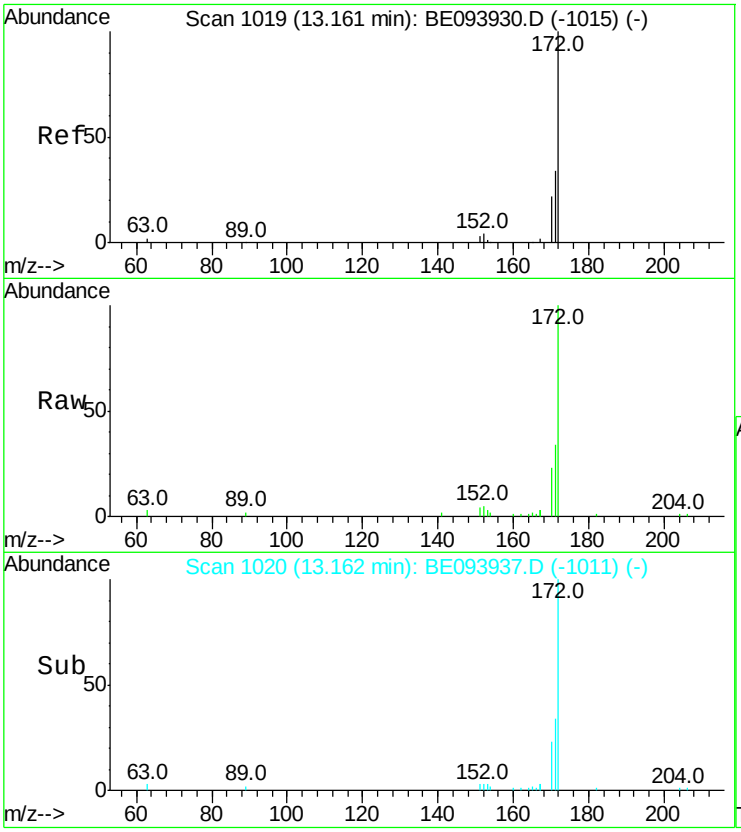


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:330 Resp: 688

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.9	115.3
141	0.0	0.0	0.0



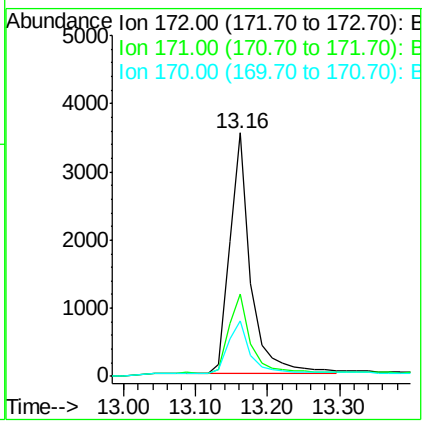


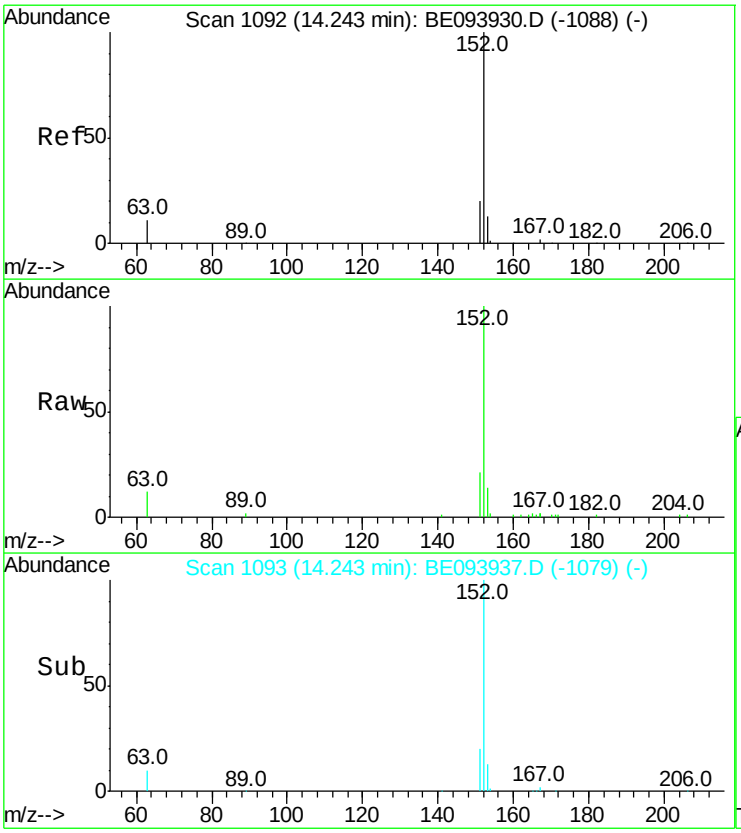
#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:172 Resp: 7130

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.9	40.3
170	22.9	17.3	25.9

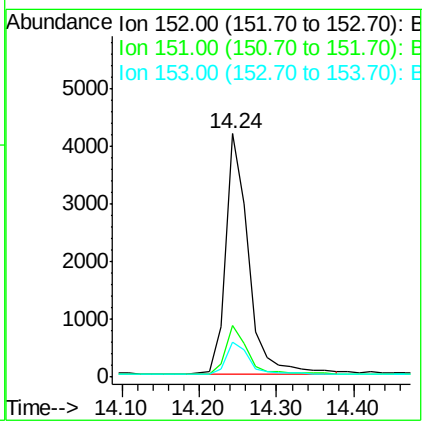


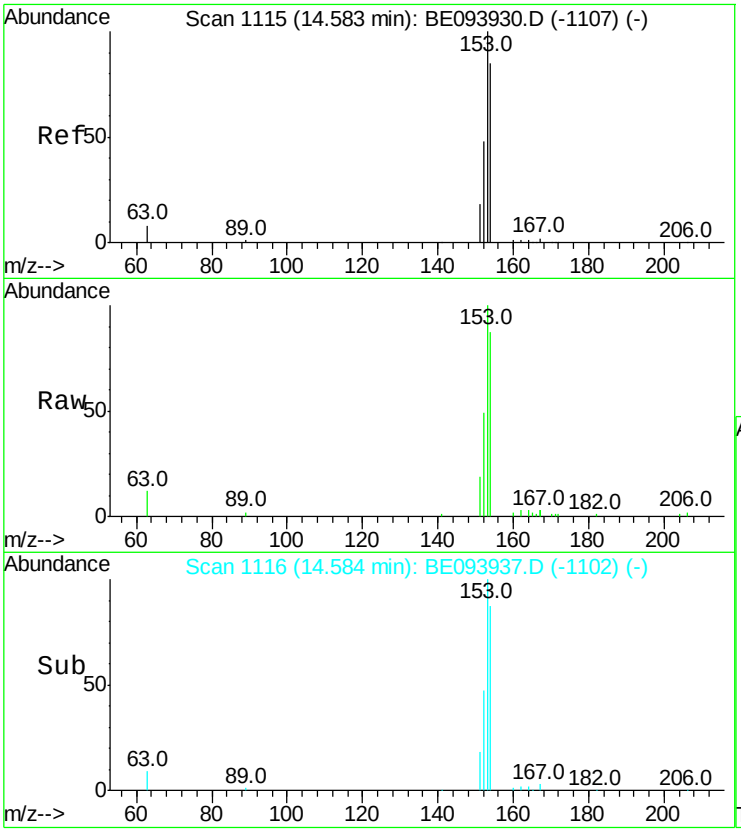


#16
Acenaphthylene
Concen: 0.248 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:152 Resp: 8456

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.6	10.6	16.0



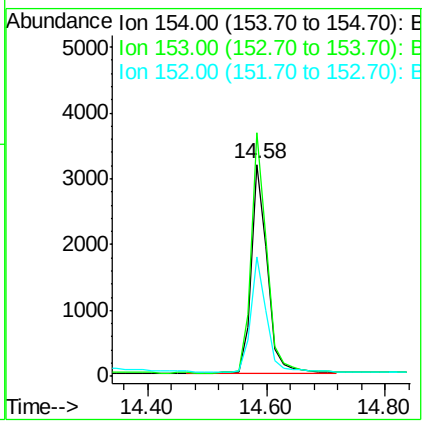


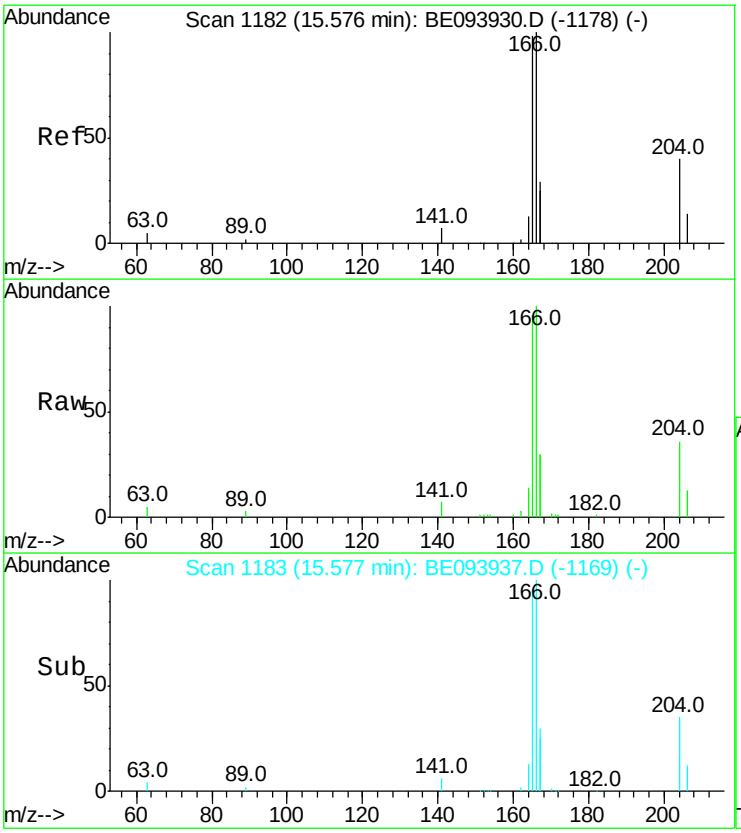
#17
Acenaphthene
Concen: 0.253 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:154 Resp: 5838

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.8	137.6
152	54.1	44.9	67.3

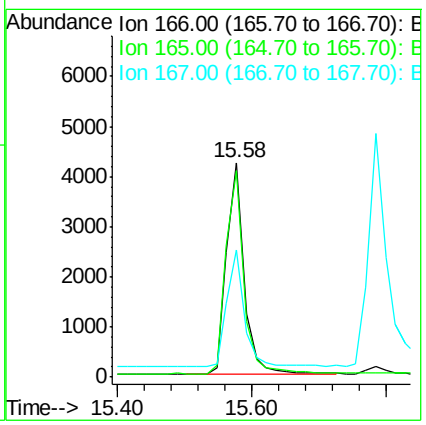


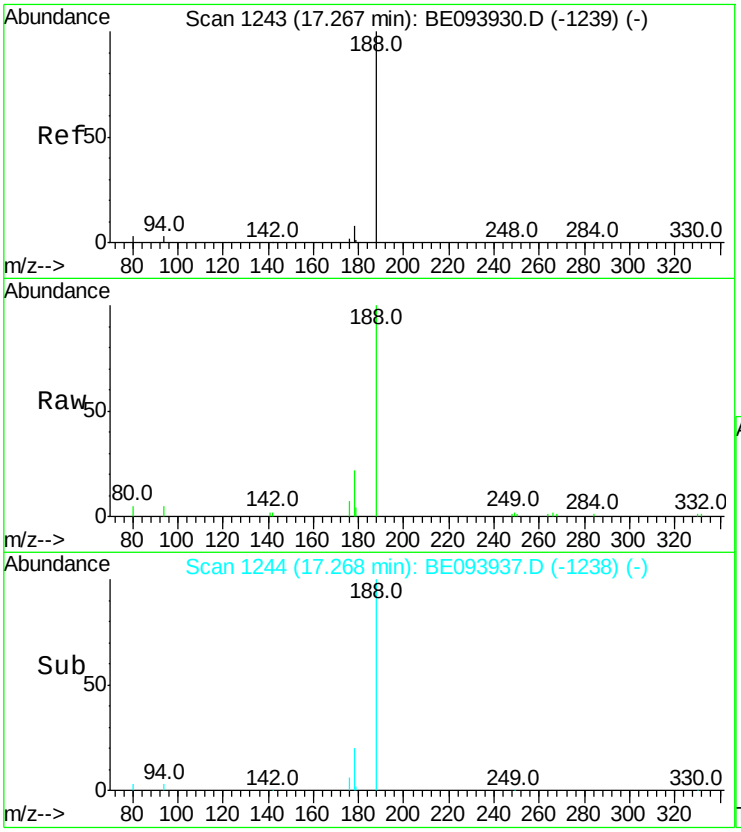


#18
Fluorene
Concen: 0.261 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:166 Resp: 7761

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.4	119.0
167	54.7	43.5	65.3



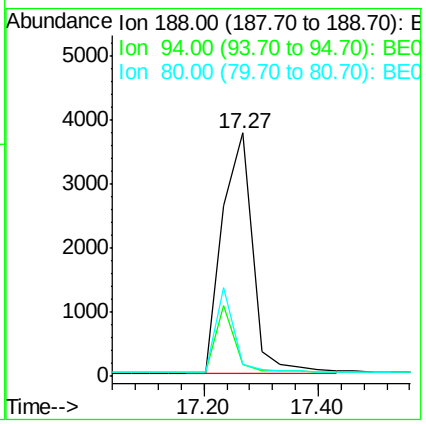


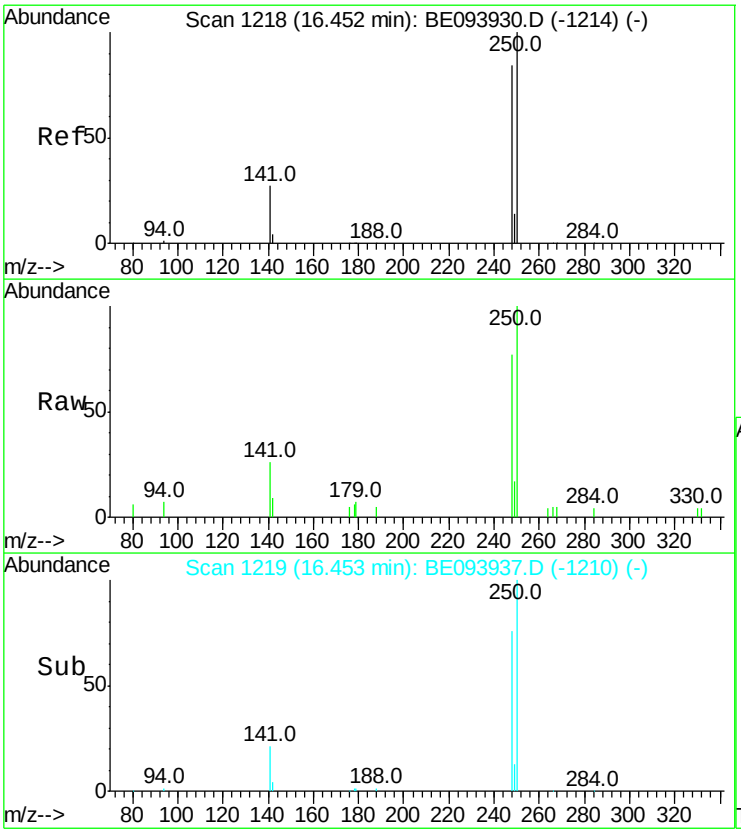
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:188 Resp: 13684

Ion	Ratio	Lower	Upper
188	100		
94	4.7	16.1	24.1#
80	4.7	18.2	27.2#

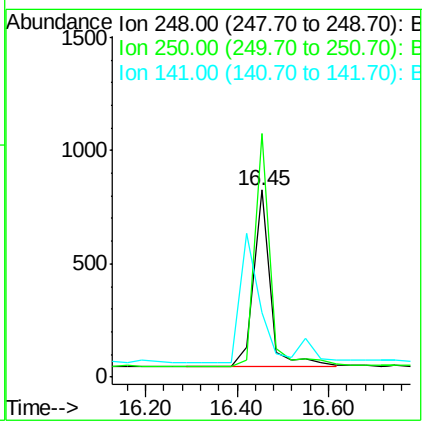


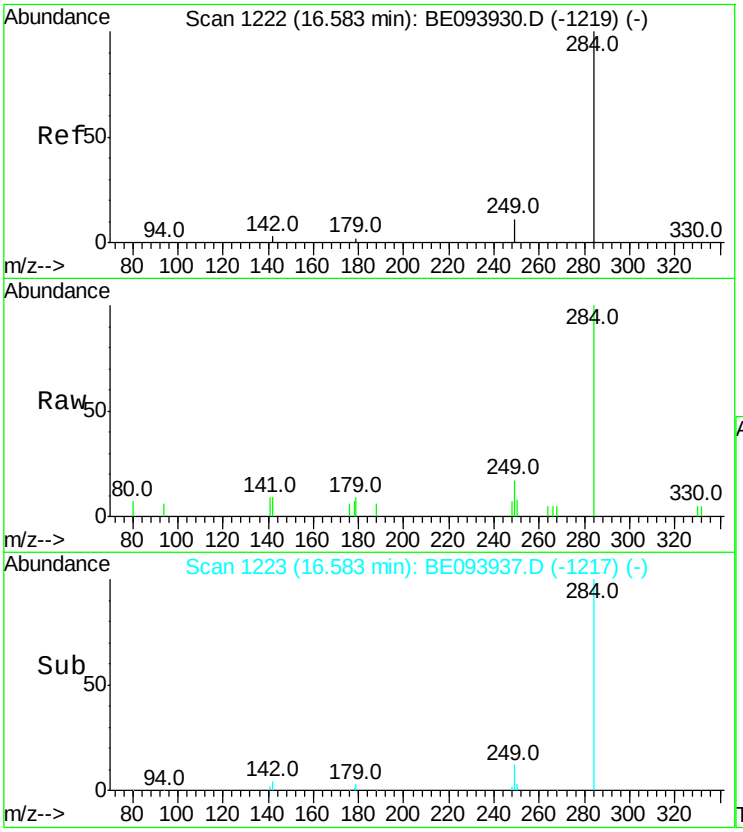


#20
4-Bromophenyl-phenylether
Concen: 0.215 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:248 Resp: 2009

Ion	Ratio	Lower	Upper
248	100		
250	130.1	111.8	167.8
141	34.1	27.1	40.7



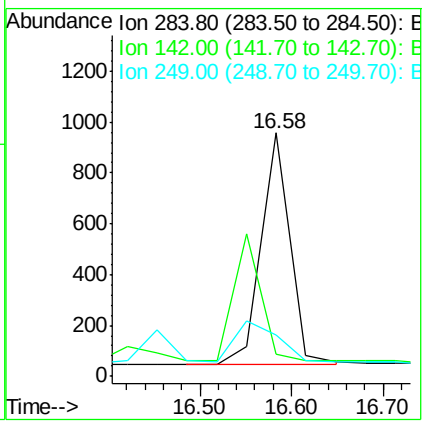


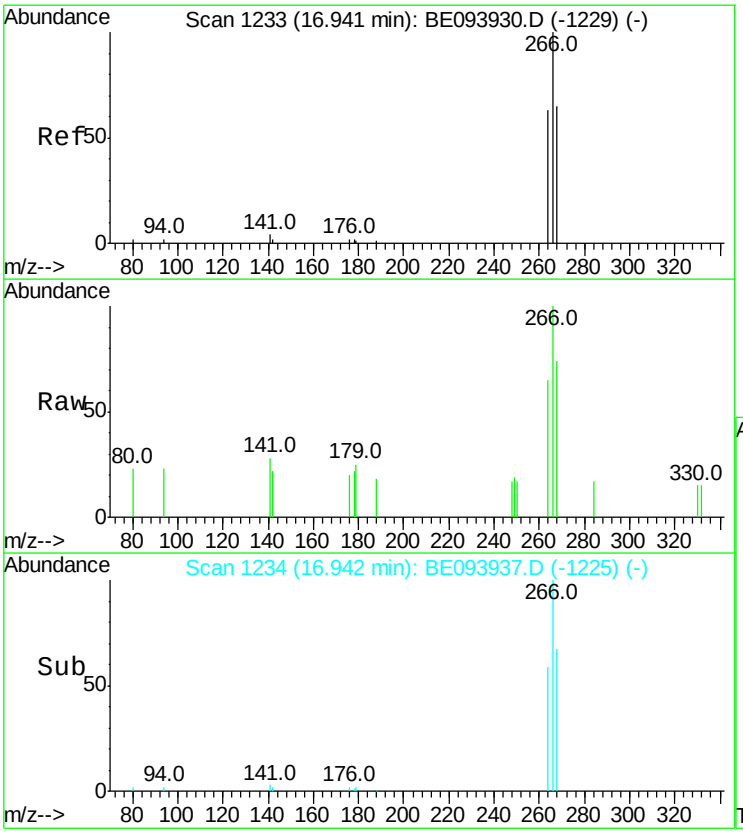
#21
Hexachlorobenzene
Concen: 0.248 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:284 Resp: 2001

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

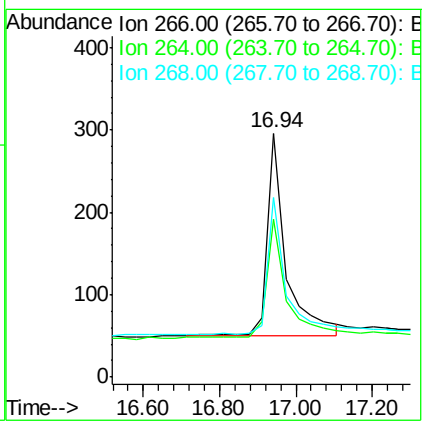


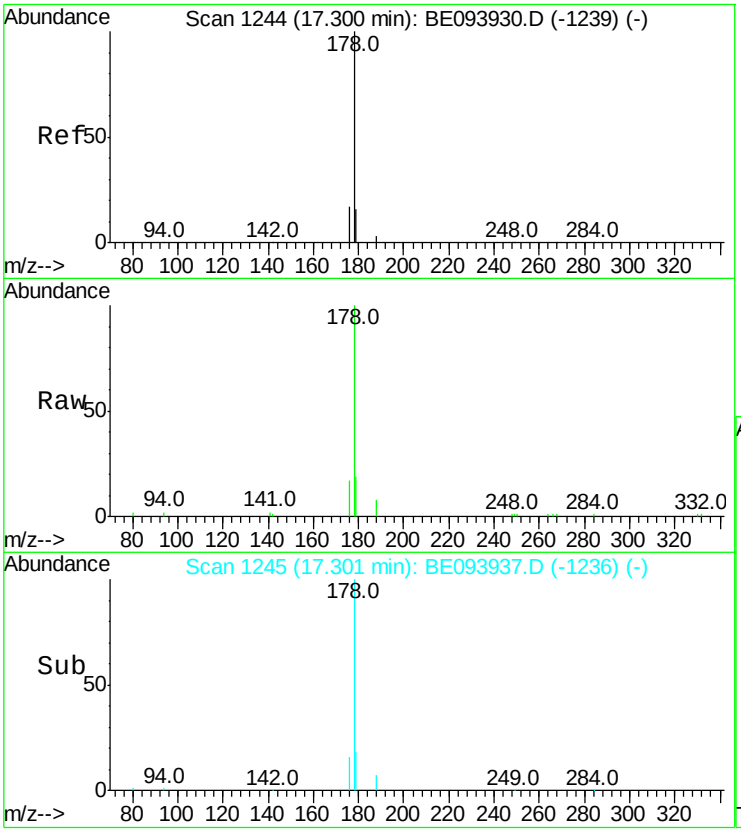


#22
Pentachlorophenol
Concen: 0.392 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:266 Resp: 851

Ion	Ratio	Lower	Upper
266	100		
264	64.5	53.5	80.3
268	73.6	60.0	90.0



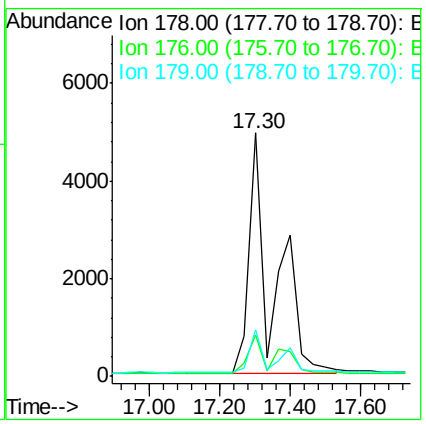


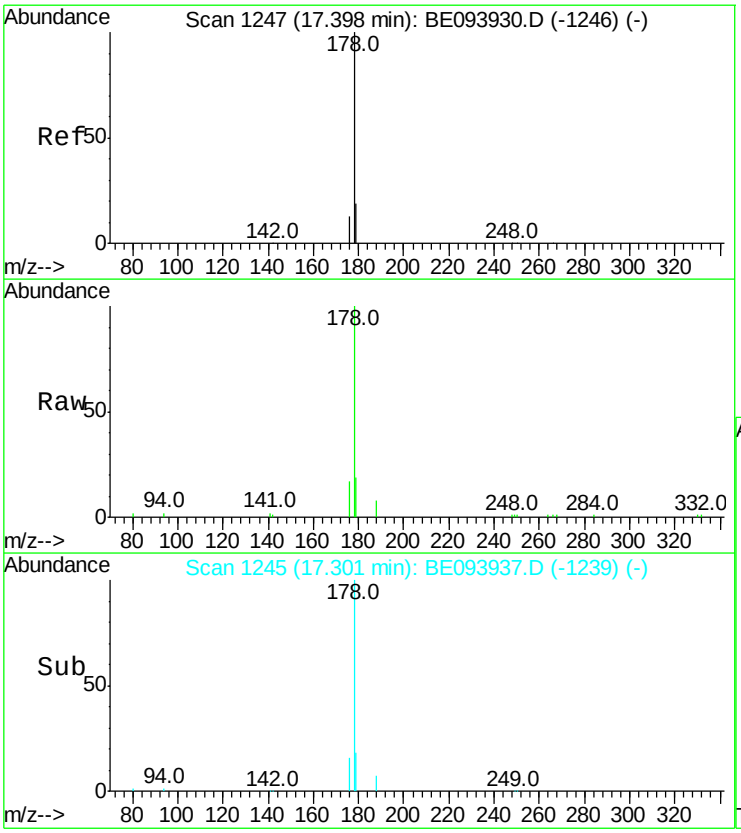
#23
Phenanthrene
Concen: 0.546 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:178 Resp: 22920

Ion	Ratio	Lower	Upper
178	100		
176	9.2	0.0	0.0#
179	10.8	12.6	18.8#

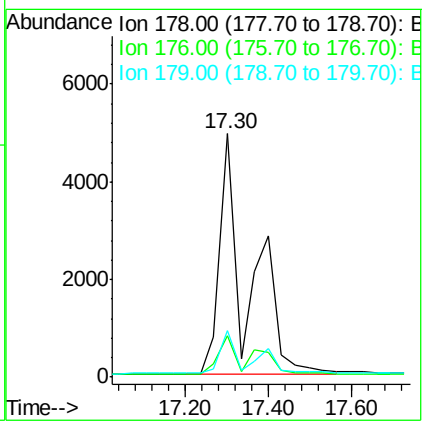


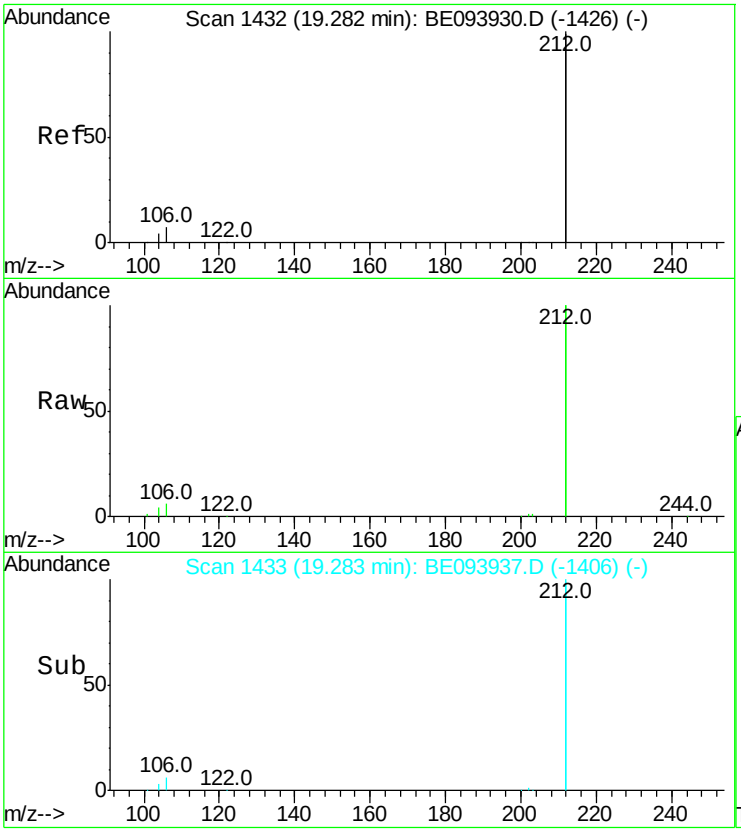


#24
Anthracene
Concen: 0.553 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:178 Resp: 23052

Ion	Ratio	Lower	Upper
178	100		
176	9.0	16.0	24.0#
179	10.7	0.0	0.0#



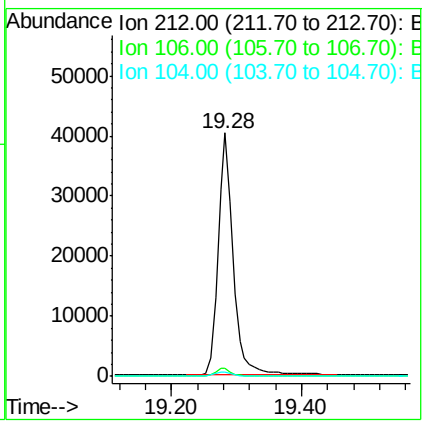


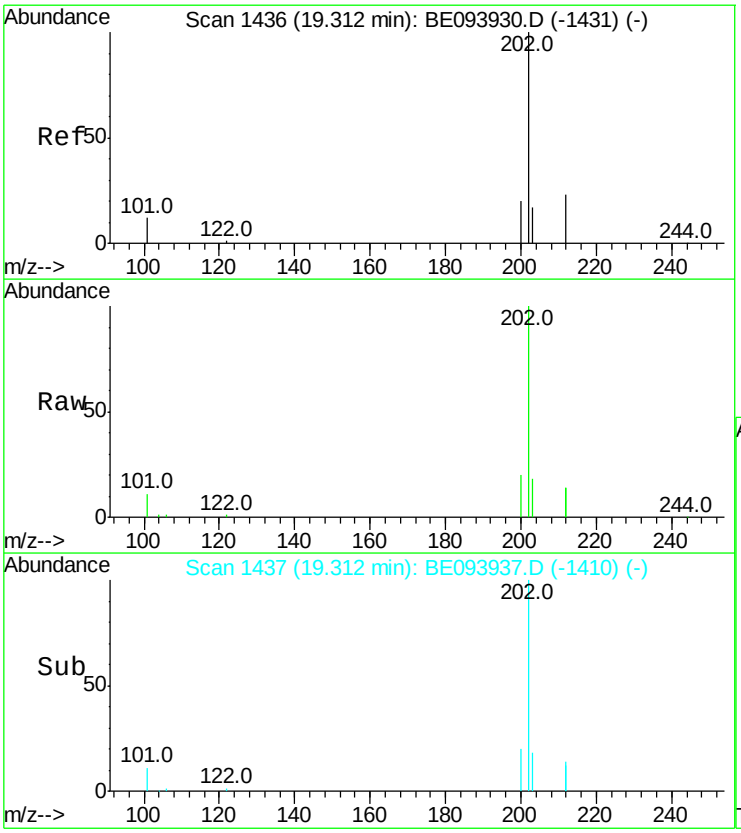
#25
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:212 Resp: 64836

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

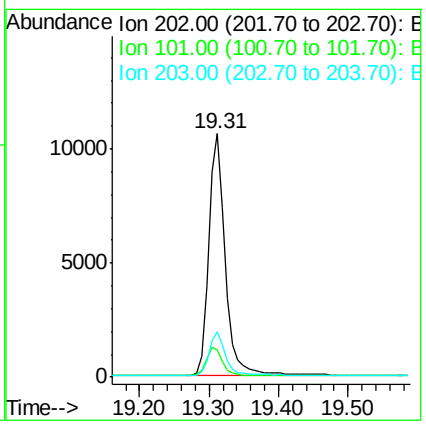


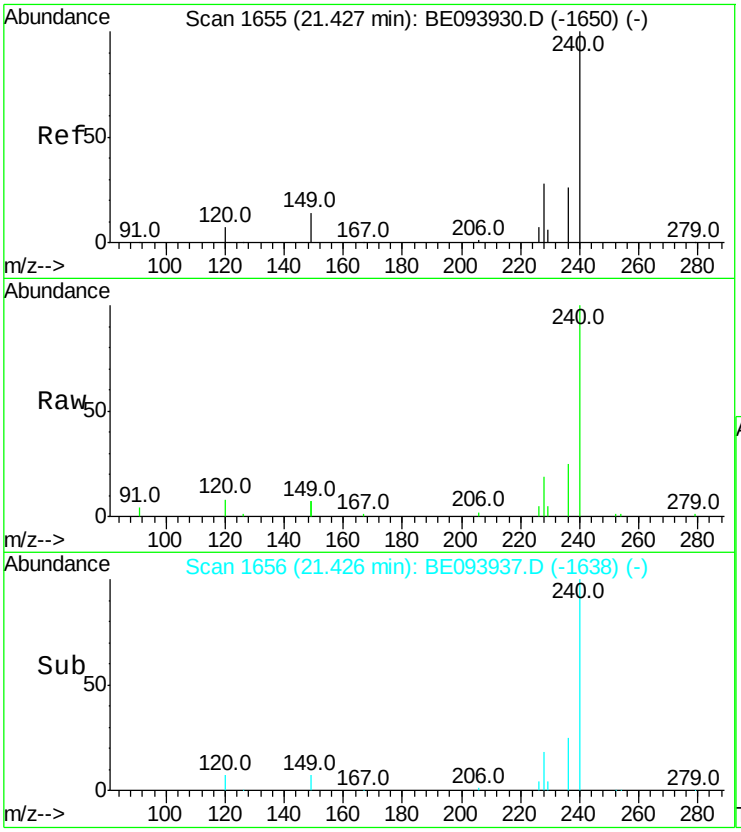


#26
Fluoranthene
Concen: 0.285 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:202 Resp: 17351

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
203	17.3	13.7	20.5



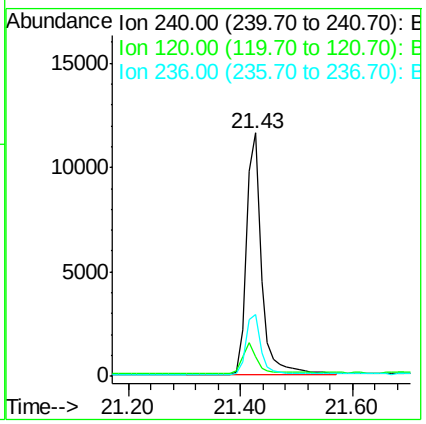


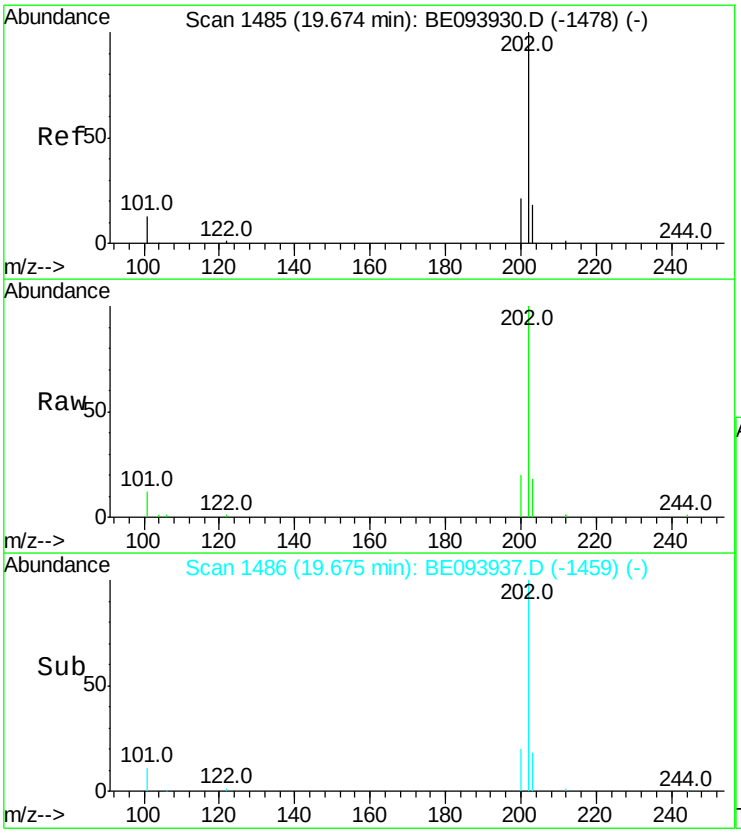
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:240 Resp: 21562

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.7	13.1#
236	25.3	21.3	31.9

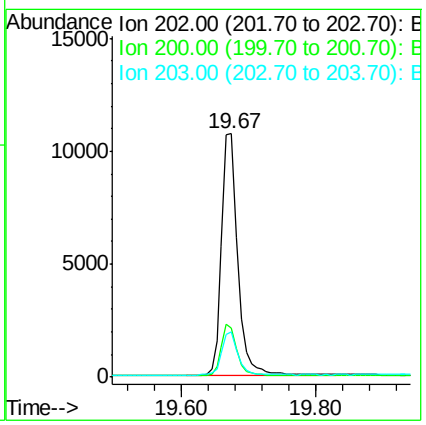


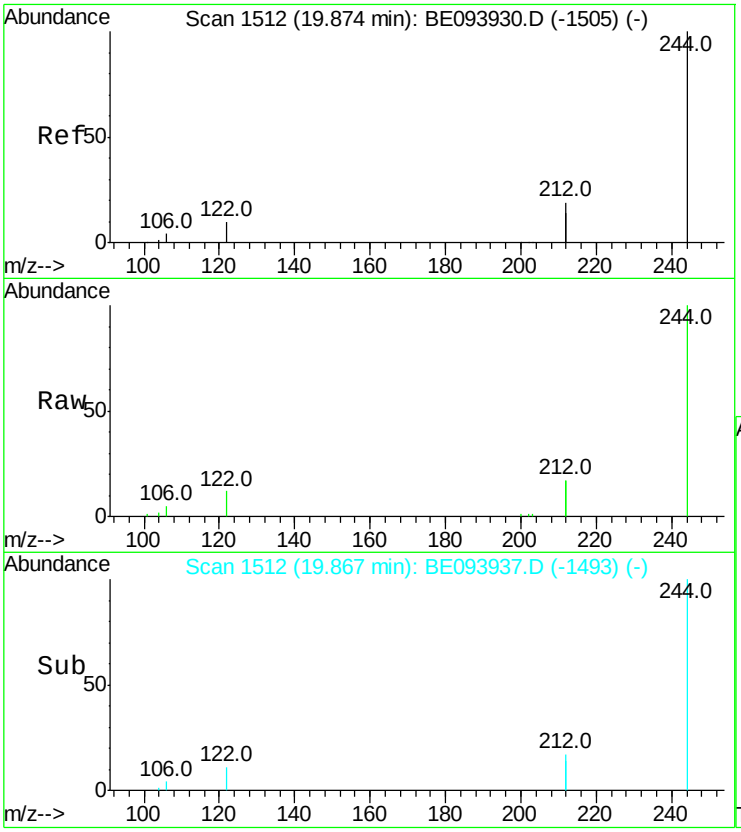


#28
Pyrene
Concen: 0.244 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:202 Resp: 18100

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.9	14.2	21.4



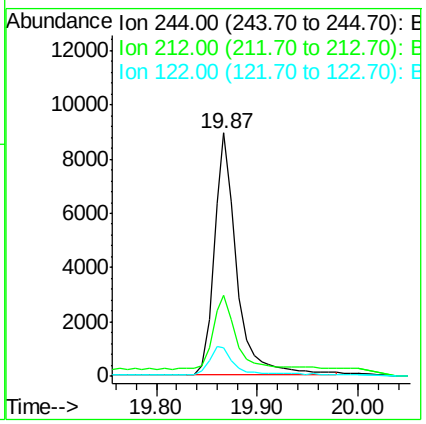


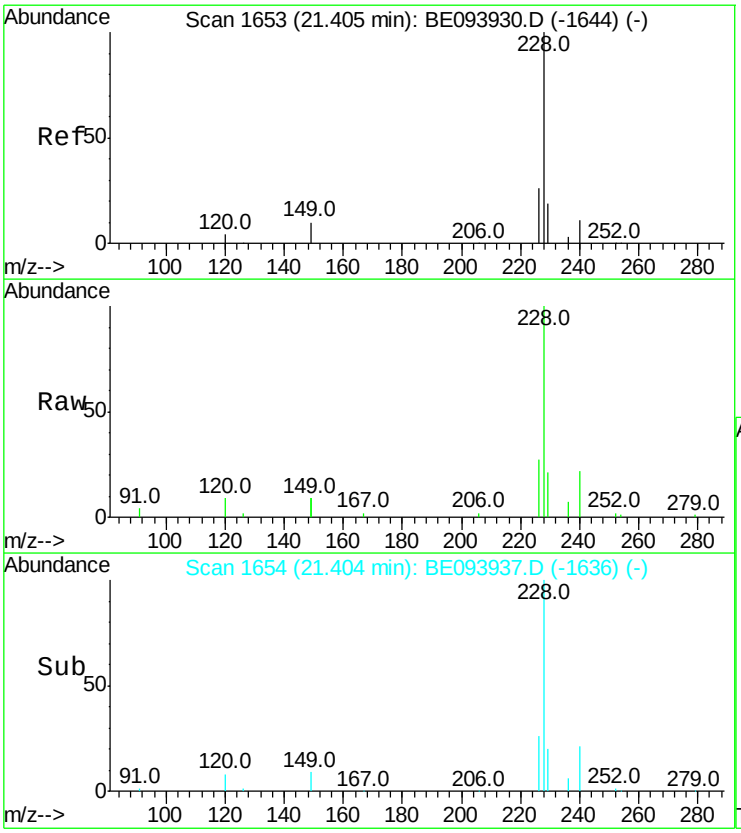
#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:244 Resp: 13787

Ion	Ratio	Lower	Upper
244	100		
212	33.2	28.3	42.5
122	11.6	9.4	14.0

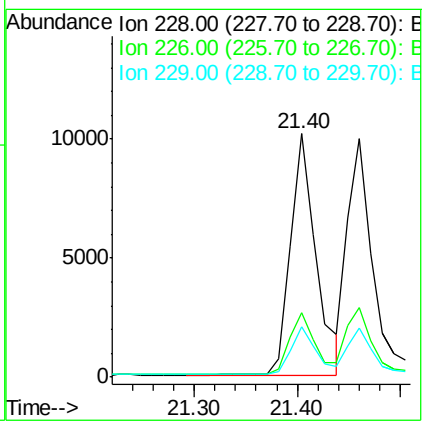


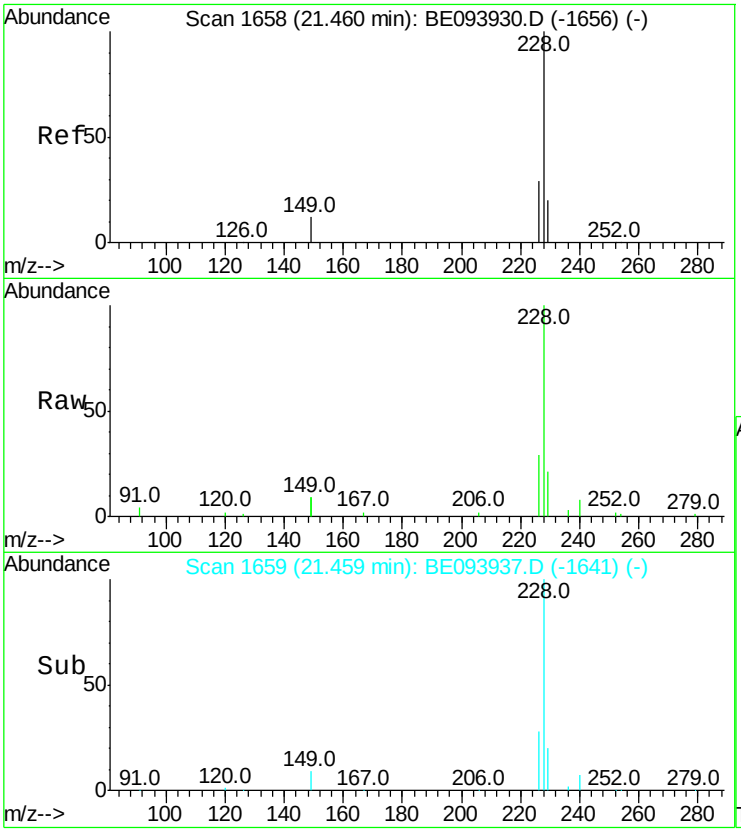


#30
Benzo(a)anthracene
Concen: 0.262 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:228 Resp: 17329

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	20.5	16.6	25.0



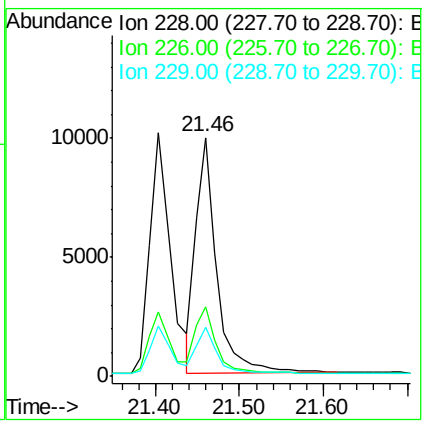


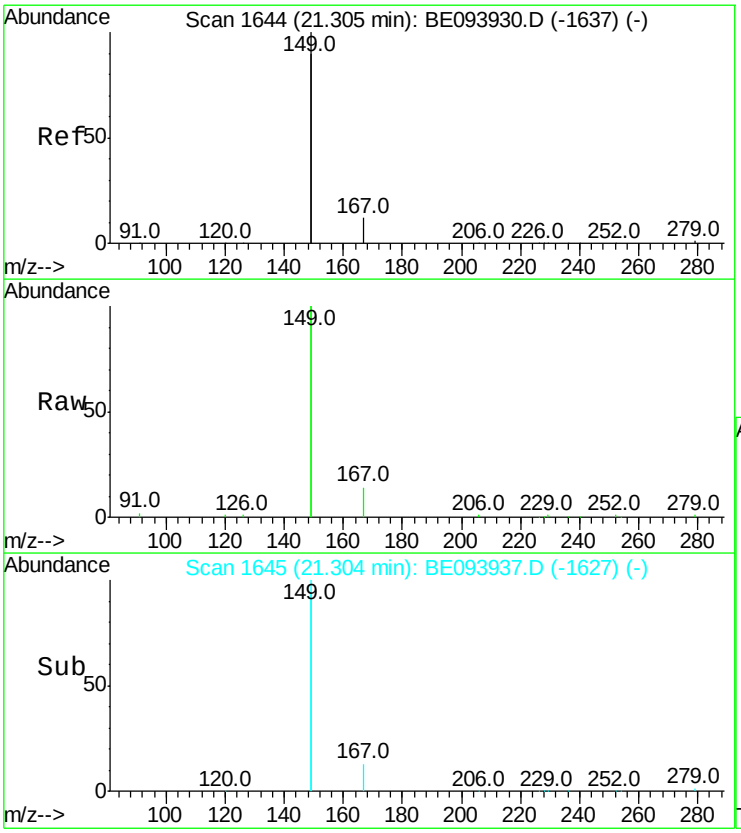
#31
Chrysene
Concen: 0.245 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:228 Resp: 17196

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.6	37.0
229	20.6	15.8	23.8

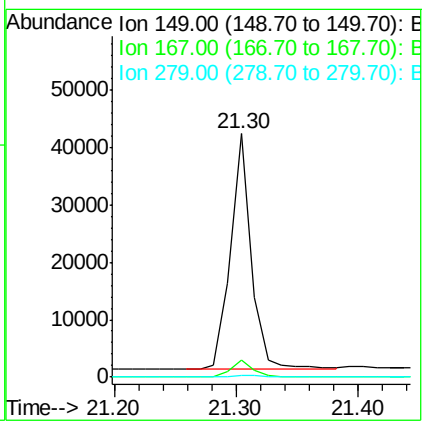


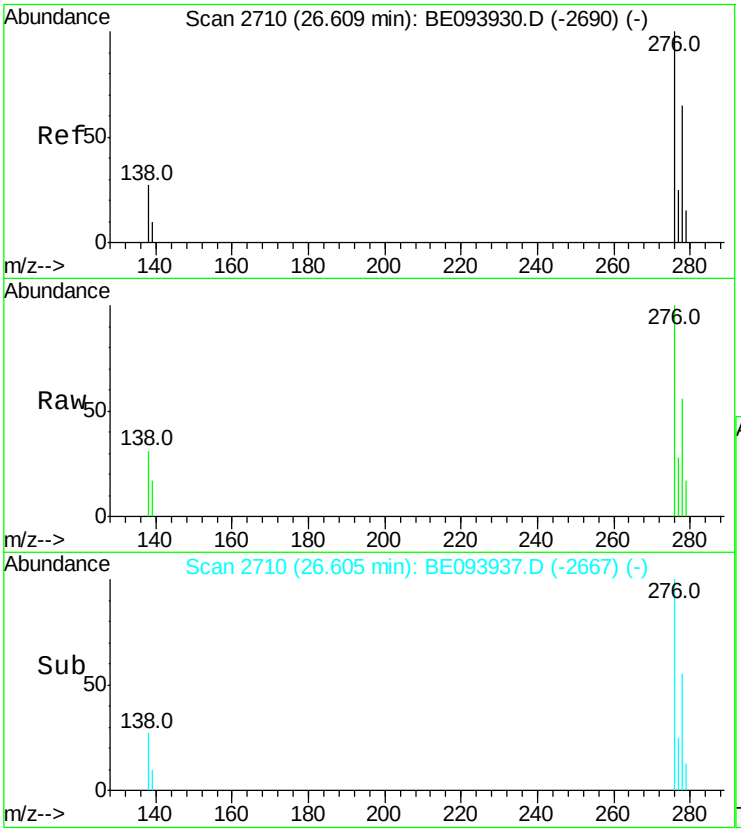


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:149 Resp: 48233

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



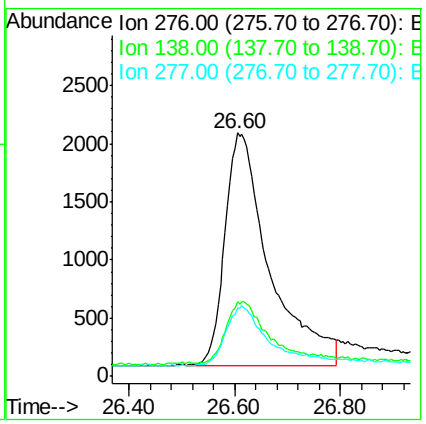


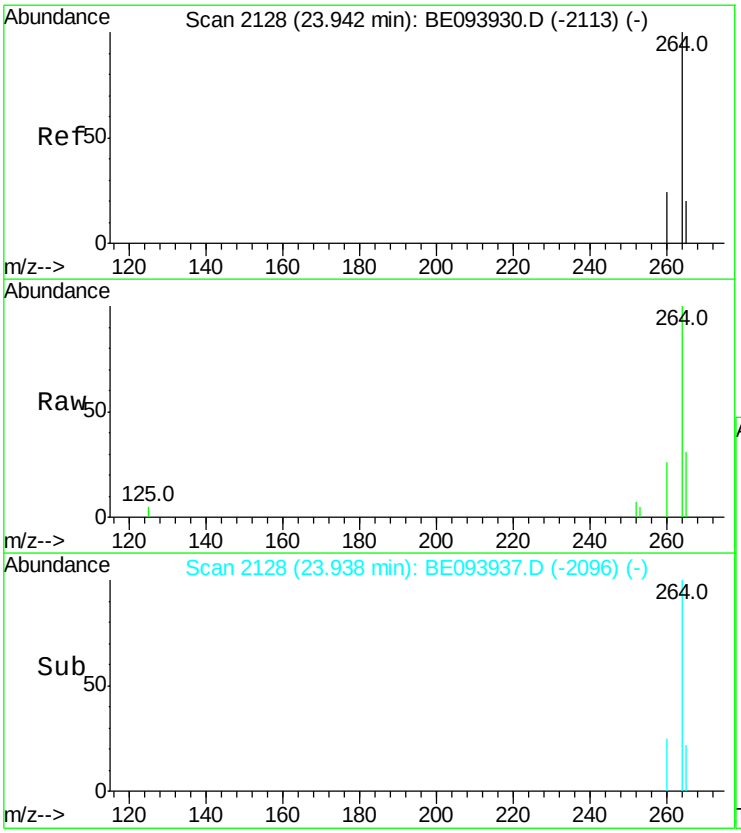
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.250 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:276 Resp: 11661

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.2	33.2
277	25.7	19.5	29.3

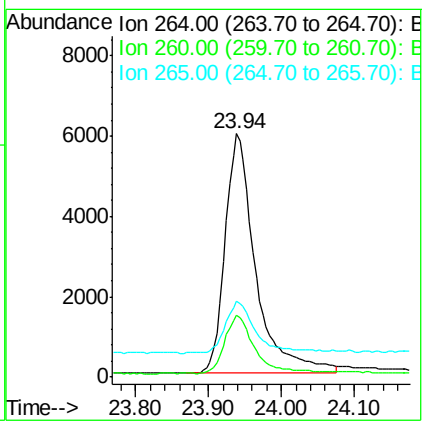


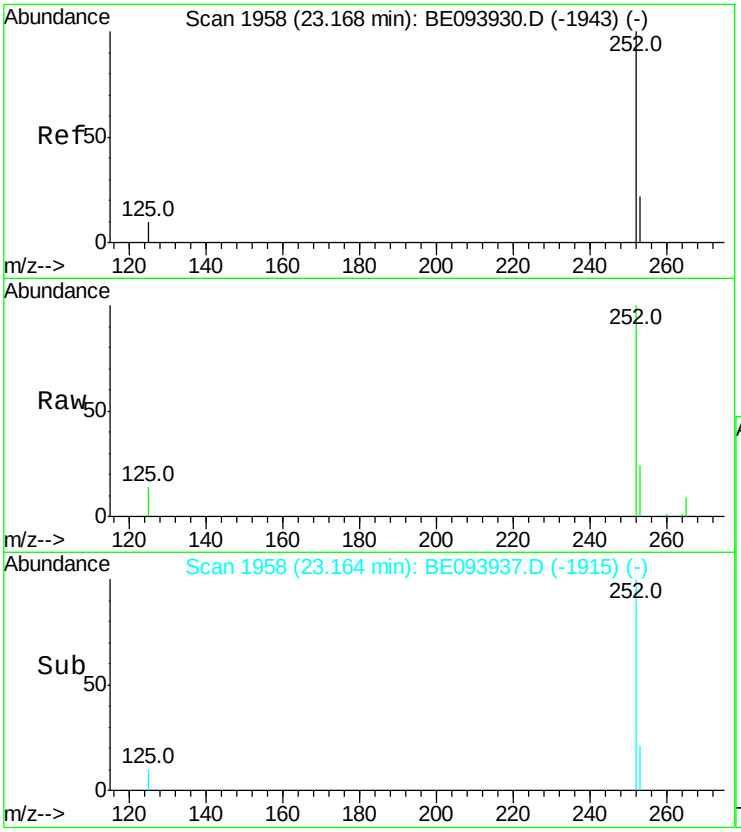


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:264 Resp: 17499

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	31.2	24.0	36.0



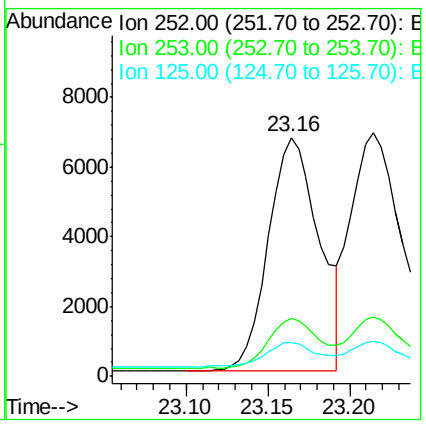


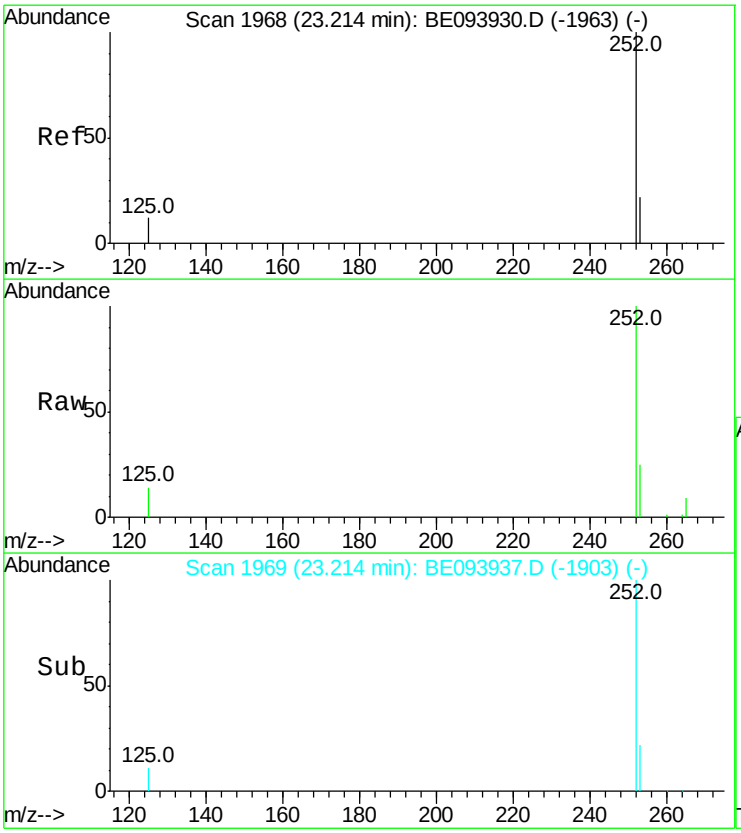
#35
Benzo(b)fluoranthene
Concen: 0.259 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:252 Resp: 14460

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	14.1	10.0	15.0

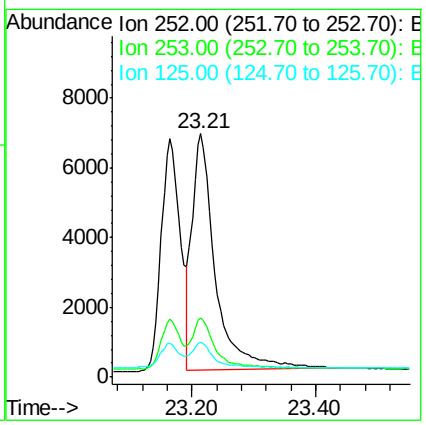


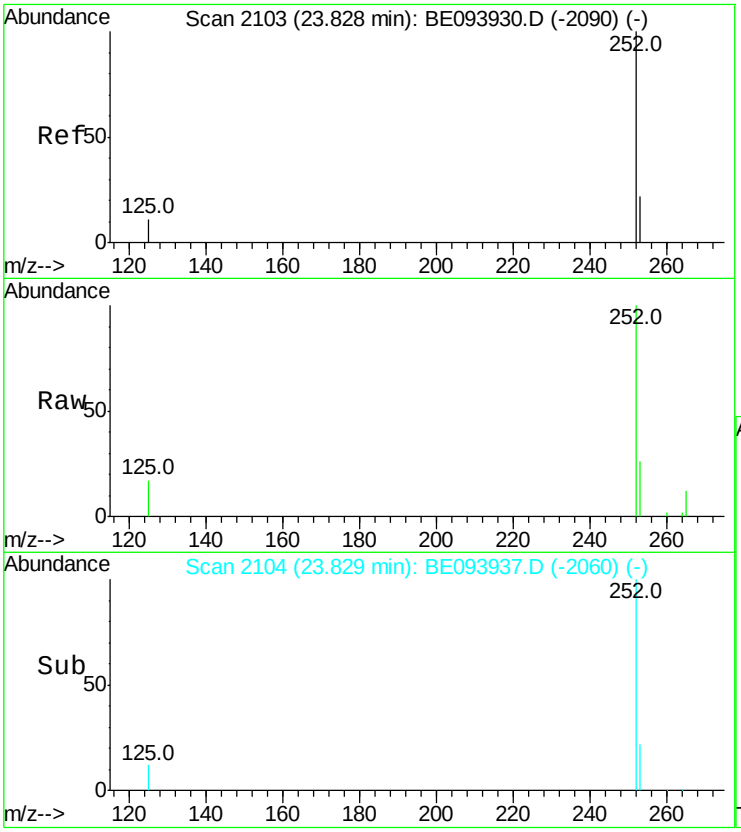


#36
Benzo(k)fluoranthene
Concen: 0.258 ng
RT: 23.21 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:252 Resp: 17636

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	14.2	9.8	14.6



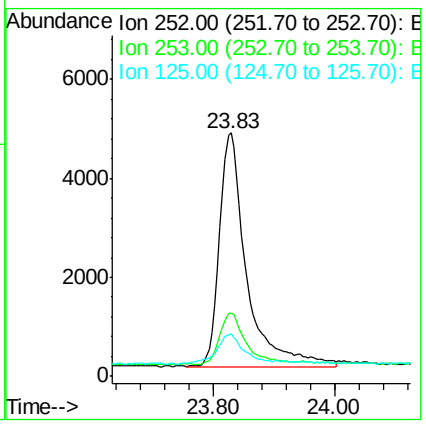


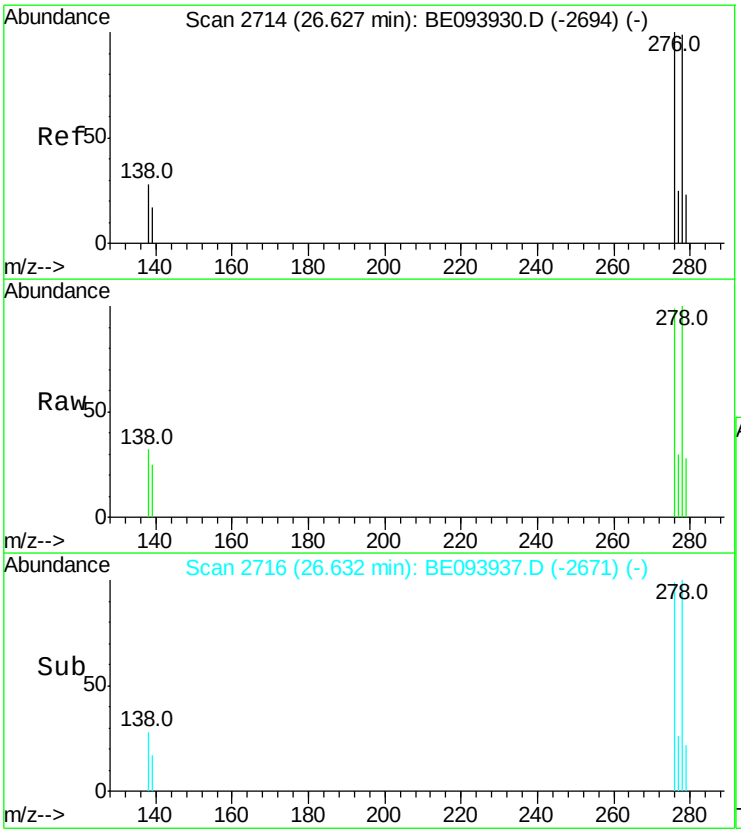
#37
Benzo(a)pyrene
Concen: 0.259 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:252 Resp: 14720

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	17.4	11.8	17.8

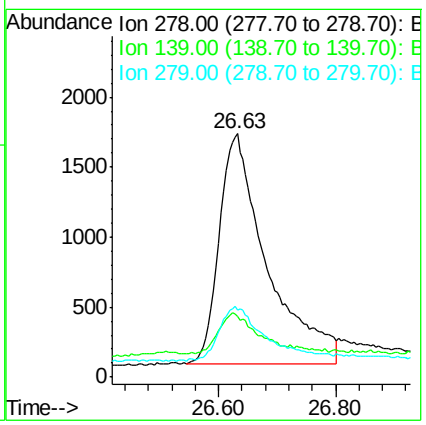


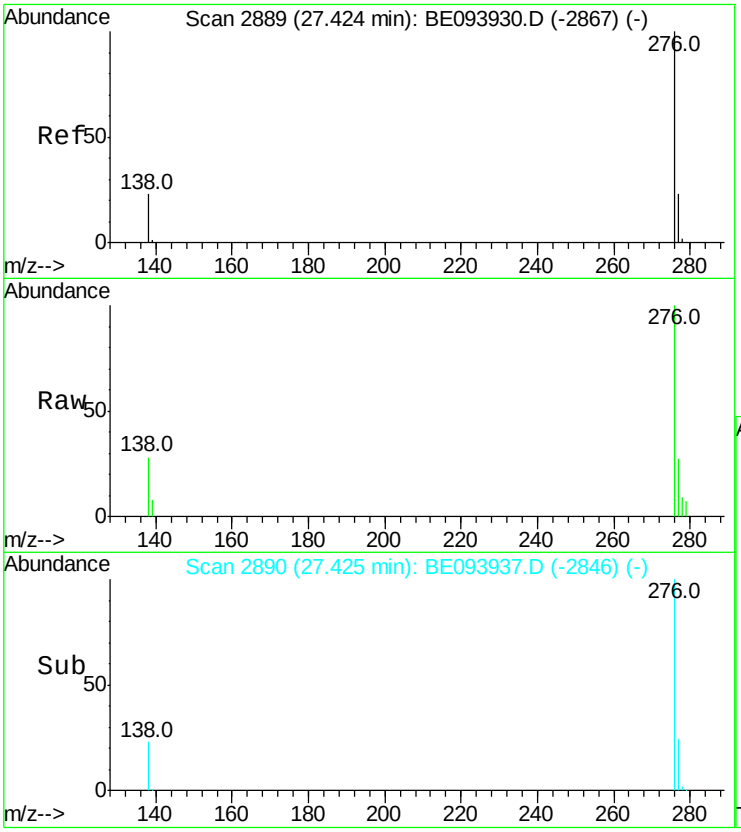


#38
Dibenzo(a,h)anthracene
Concen: 0.245 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Tgt Ion:278 Resp: 9230

Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.7	25.1
279	27.7	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.249 ng
RT: 27.42 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BE093937.D
Acq: 5 Sep 2017 15:16

Instrument :
BNA_E
ClientSampleId :
PB102046BSD

Tgt Ion:276 Resp: 9902

Ion	Ratio	Lower	Upper
276	100		
277	27.4	20.6	30.8
138	28.2	21.9	32.9