Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093465.D
Acq On : 14 Jul 2017 11:04
Operator : SJ/JU
Sample : PB100626BS
Misc : LOO 0.2 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 01:26:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	5423	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	22576	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	10686	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	18805	0.40	ng		0.00
27) Chrysene-d12	21.42	240	35887	0.40	ng		-0.01
34) Perylene-d12	23.93	264	32885	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	5063	0.31	ng		0.00
5) Phenol-d6	7.10	99	6817	0.28	ng		0.00
8) Nitrobenzene-d5	9.08	82	5436	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	10081	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	593	0.18	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	14032	0.34	ng		0.00
25) Fluoranthene-d10	19.28	212	92911	0.41	ng		0.00
29) Terphenyl-d14	19.87	244	17004	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	3943	0.343	ng	#	37
3) n-Nitrosodimethylamine	3.76	42	2152	0.381	ng	#	89
6) bis(2-Chloroethyl)ether	7.35	93	5786	0.319	ng	#	96
9) Naphthalene	10.77	128	72543	0.307	ng	#	73
10) Hexachlorobutadiene	11.06	225	2787	0.311	ng		98
12) 2-Methylnaphthalene	12.38	142	11720	0.295	ng		97
16) Acenaphthylene	14.26	152	13710	0.308	ng	#	86
17) Acenaphthene	14.60	154	9984	0.306	ng		99
18) Fluorene	15.58	166	12586	0.281	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	5012	0.486	ng	#	3
21) Hexachlorobenzene	16.58	284	4659	0.419	ng	#	100
22) Pentachlorophenol	16.91	266	1566	1.014	ng	#	77
23) Phenanthrene	17.30	178	24463	0.358	ng		96
24) Anthracene	17.30	178	25398	0.606	ng		96
26) Fluoranthene	19.31	202	26967	0.420	ng		99
28) Pyrene	19.67	202	28029	0.278	ng	#	98
30) Benzo(a)anthracene	21.40	228	31477	0.325	ng		95
31) Chrysene	21.46	228	33249	0.328	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	39515	0.283	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.57	276	35335	0.397	ng		95
35) Benzo(b)fluoranthene	23.16	252	33609	0.316	ng		96
36) Benzo(k)fluoranthene	23.21	252	33617	0.320	ng		95
37) Benzo(a)pyrene	23.81	252	31112	0.334	ng		94
38) Dibenzo(a,h)anthracene	26.60	278	30288	0.335	ng	#	90
39) Benzo(g,h,i)perylene	27.38	276	30445	0.334	ng		92

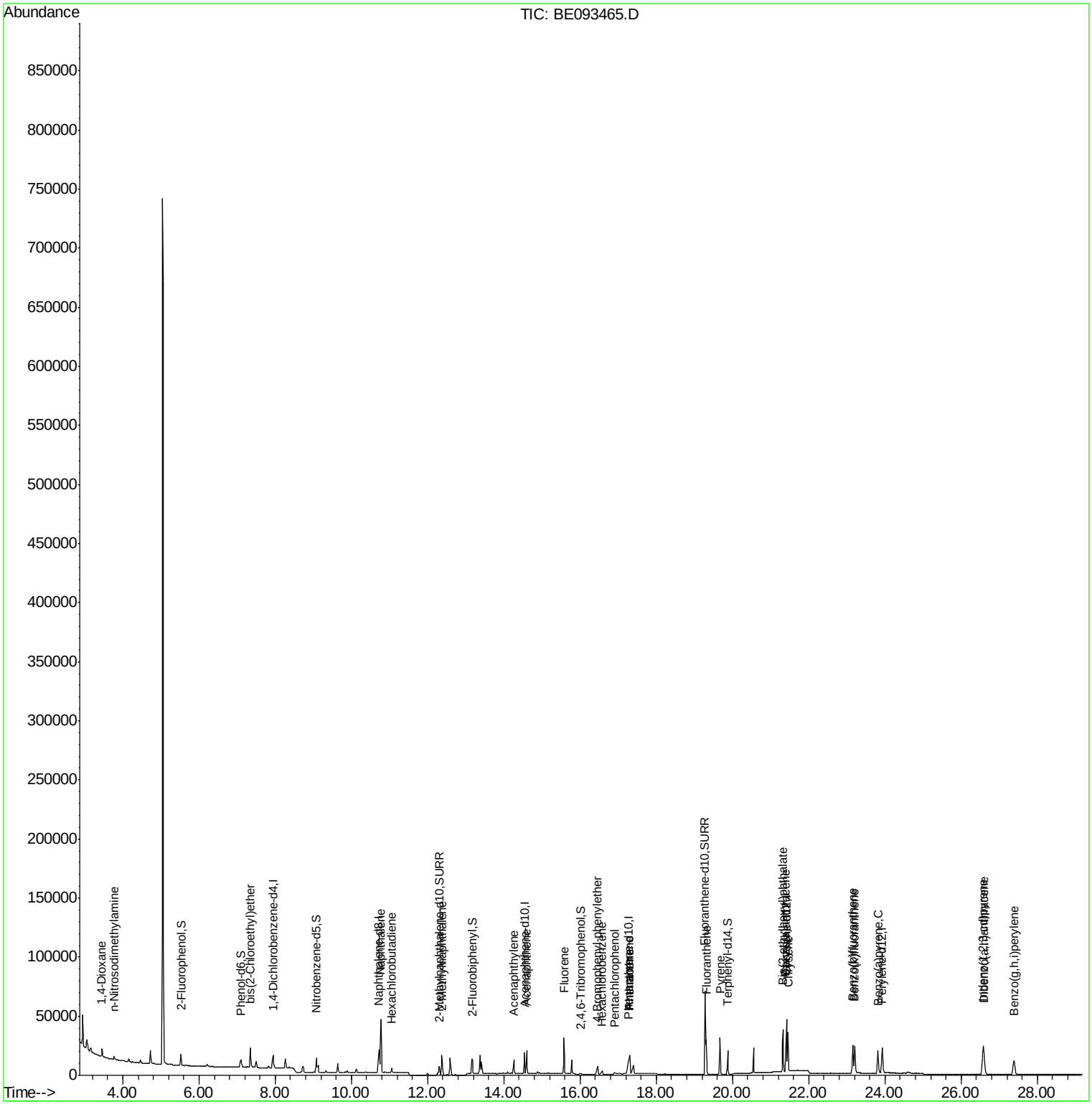
(#) = qualifier out of range (m) = manual integration (+) = signals summed

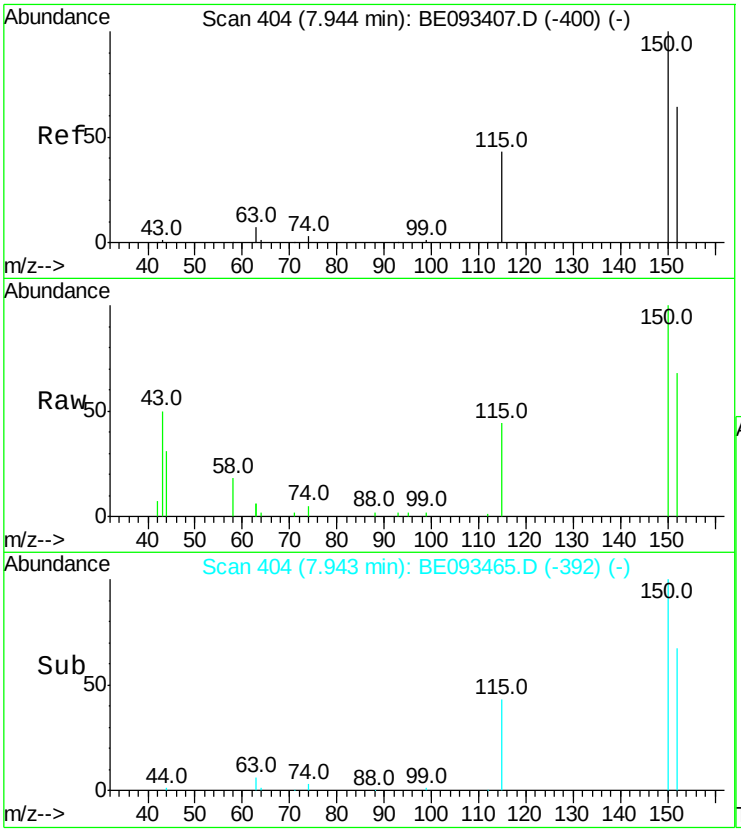
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093465.D
Acq On : 14 Jul 2017 11:04
Operator : SJ/JU
Sample : PB100626BS
Misc : LOO 0.2 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 01:26:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



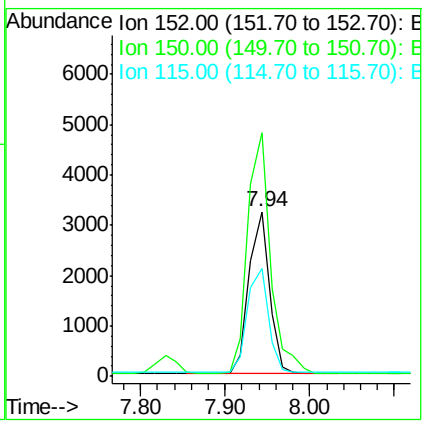


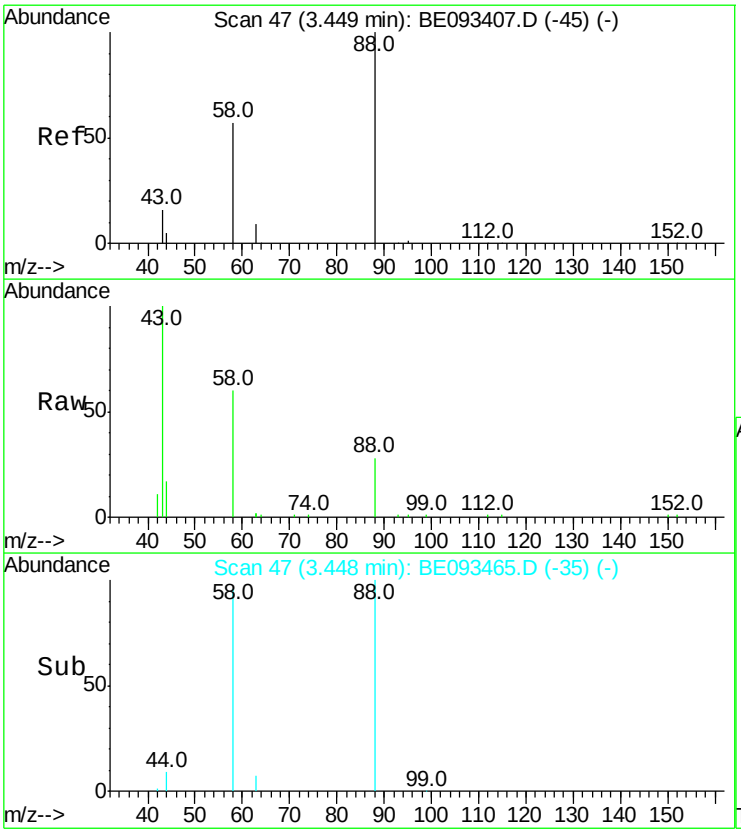
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5423

Ion	Ratio	Lower	Upper
152	100		
150	148.1	125.1	187.7
115	65.7	55.7	83.5

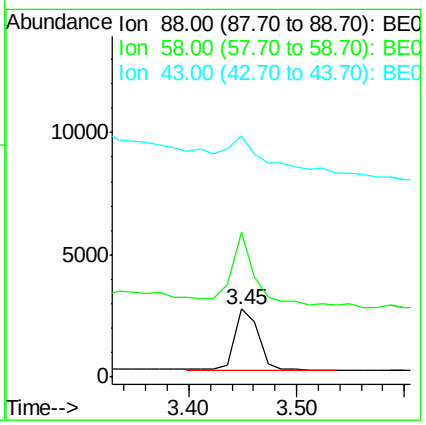


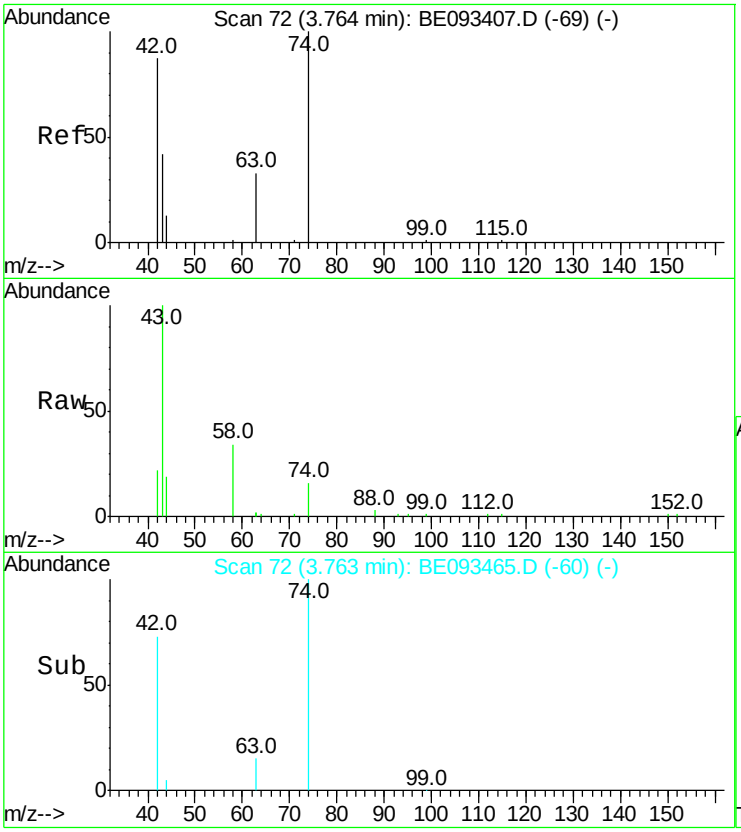


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion: 88 Resp: 3943

Ion	Ratio	Lower	Upper
88	100		
58	113.8	62.2	93.4#
43	94.0	23.2	34.8#



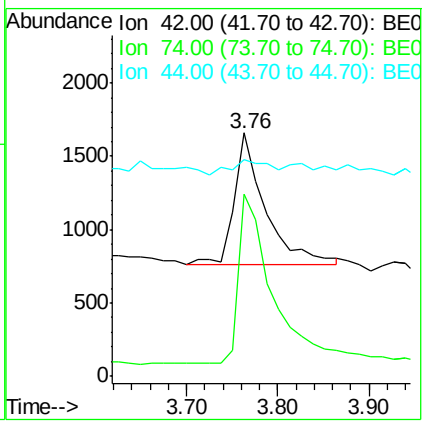


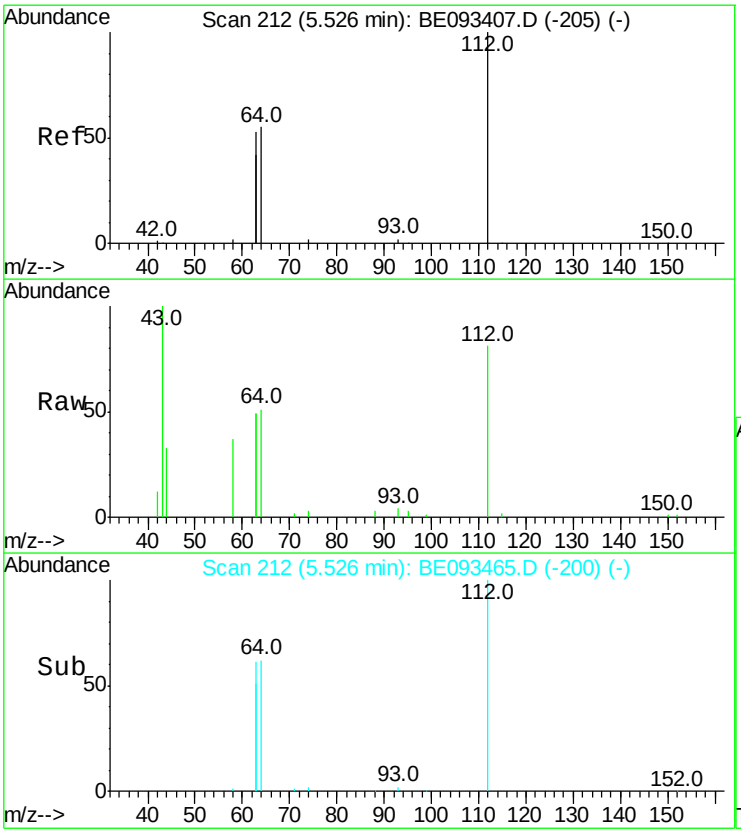
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2152

Ion	Ratio	Lower	Upper
42	100		
74	136.2	99.1	148.7
44	13.5	7.4	11.2#

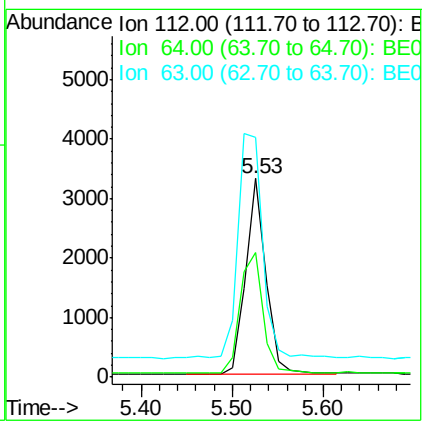


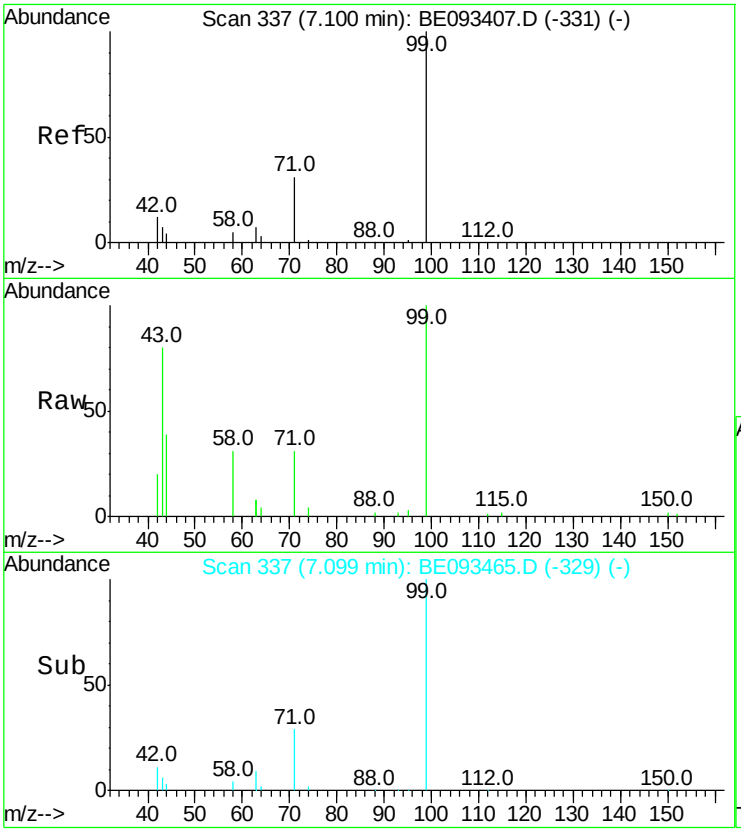


#4
2-Fluorophenol
Concen: 0.309 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:112 Resp: 5063

Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.4	84.6
63	142.5	29.3	43.9#



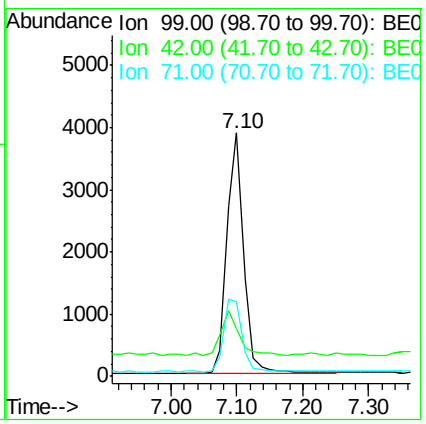


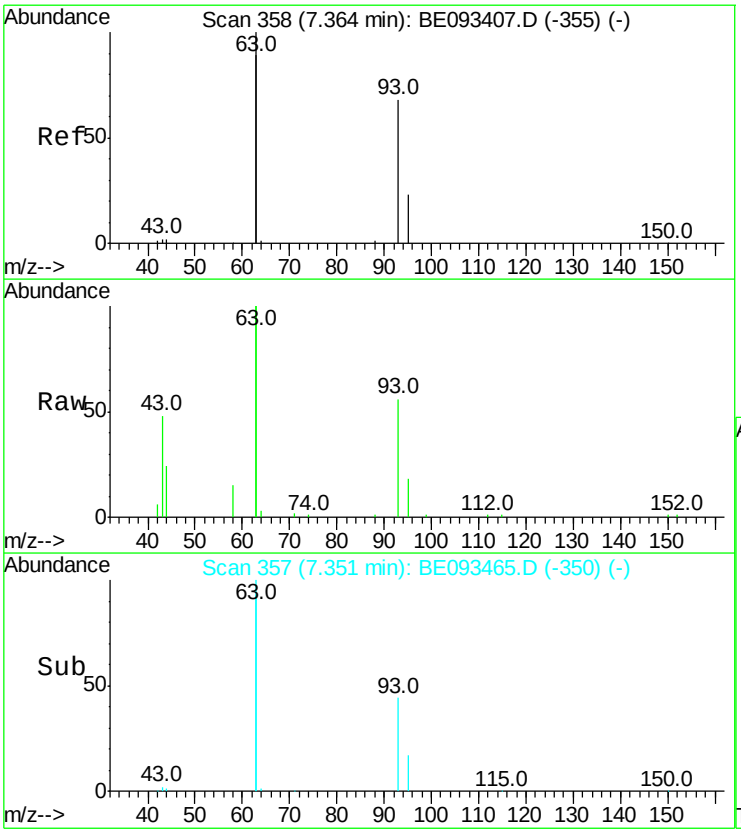
#5
Phenol-d6
Concen: 0.282 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6817

Ion	Ratio	Lower	Upper
99	100		
42	20.7	0.0	0.0#
71	32.9	0.0	0.0#

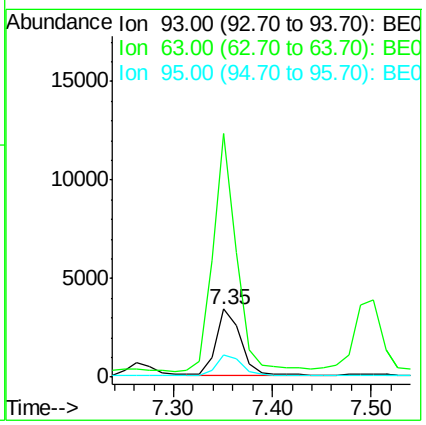


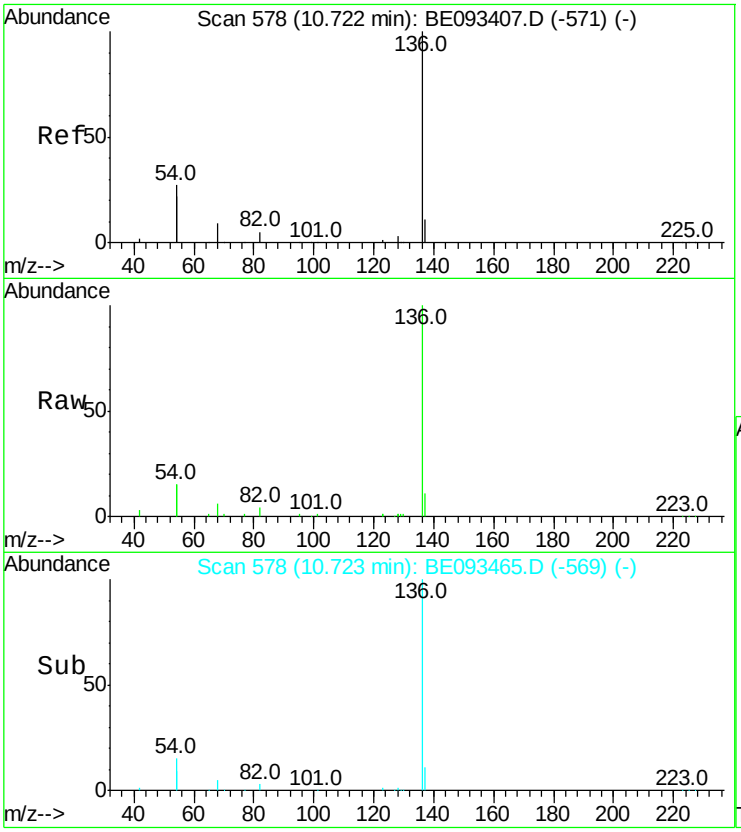


#6
bis(2-Chloroethyl)ether
Concen: 0.319 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion: 93 Resp: 5786

Ion	Ratio	Lower	Upper
93	100		
63	342.8	0.0	0.0#
95	34.2	25.4	38.0



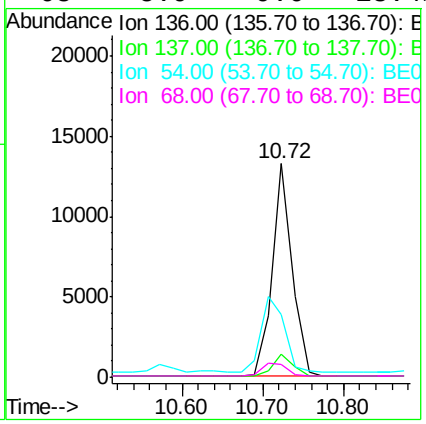


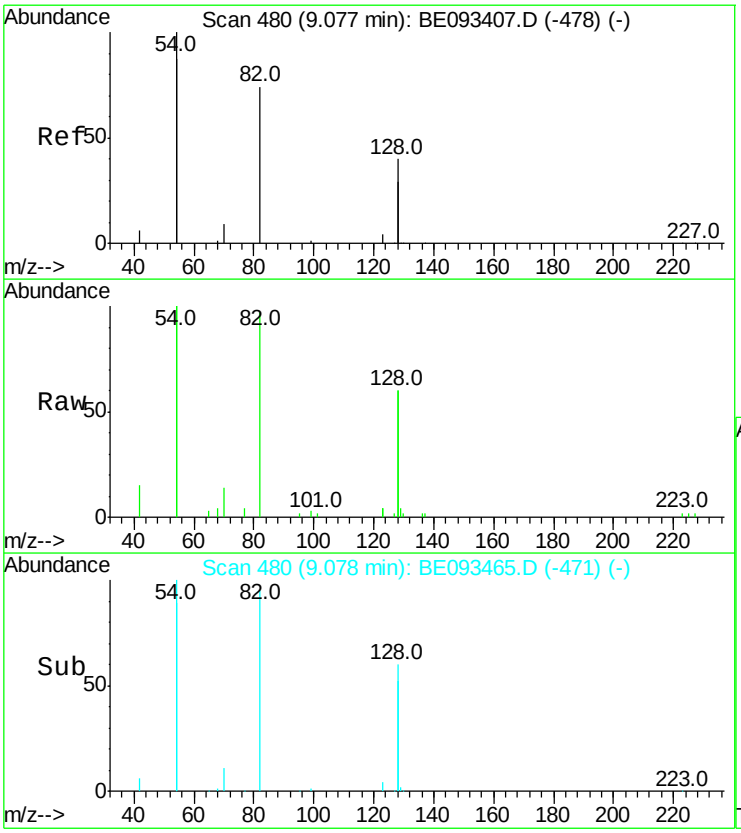
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 22576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	29.5	10.3	15.5#
68	5.9	9.0	13.4#

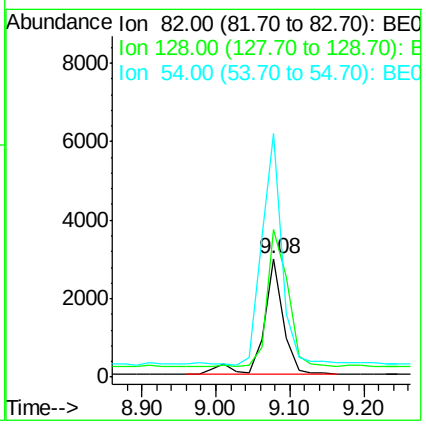


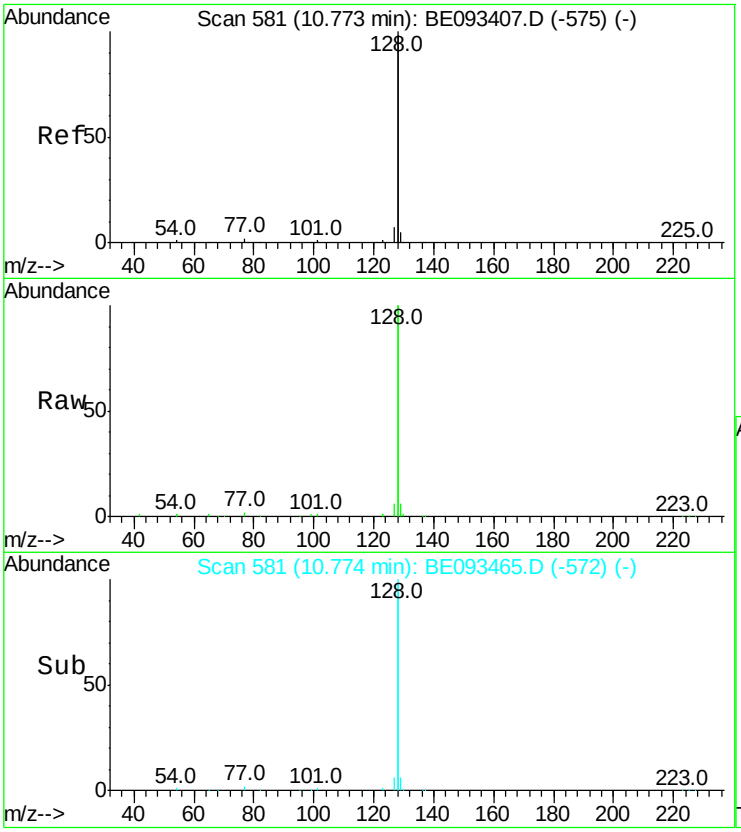


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion: 82 Resp: 5436

Ion	Ratio	Lower	Upper
82	100		
128	124.0	17.0	25.4#
54	205.2	53.8	80.6#



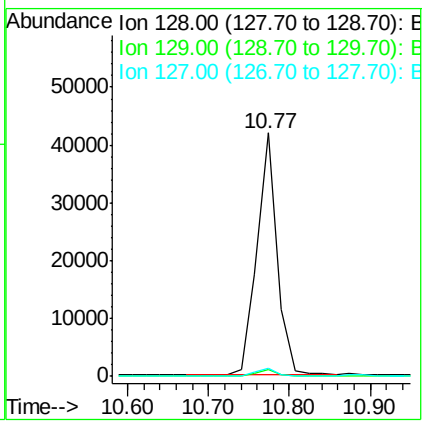


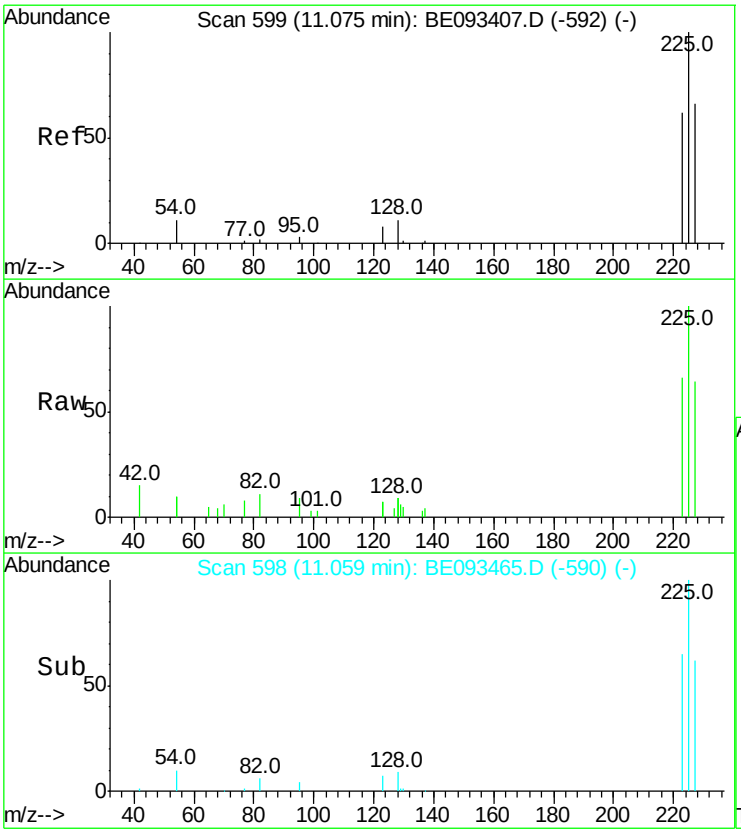
#9
Naphthalene
Concen: 0.307 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 72543

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#

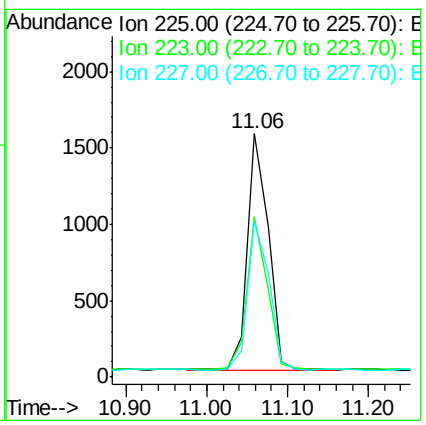


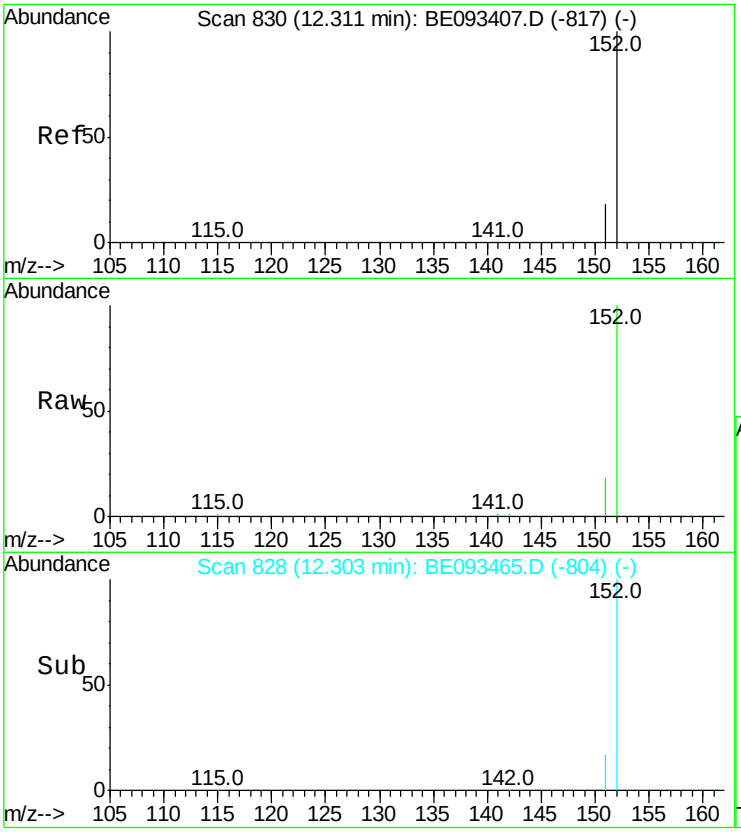


#10
Hexachlorobutadiene
Concen: 0.311 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:225 Resp: 2787

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.9	50.3	75.5



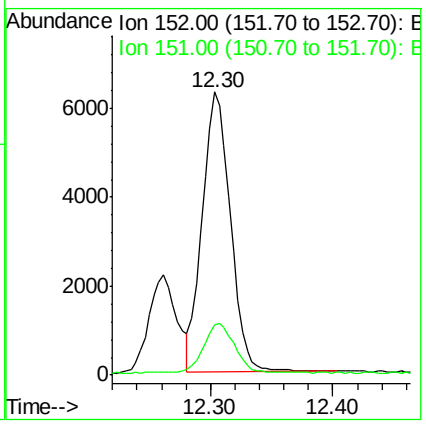


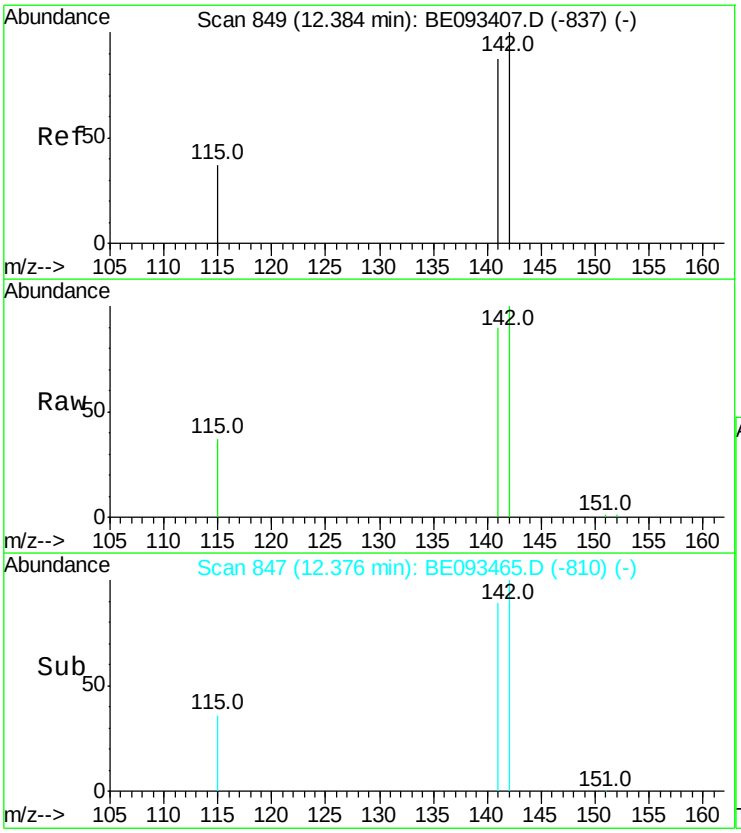
#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.30 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10081

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

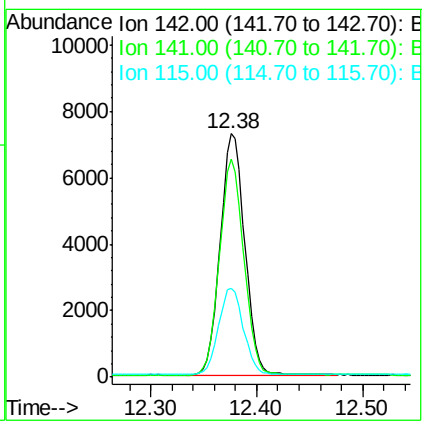


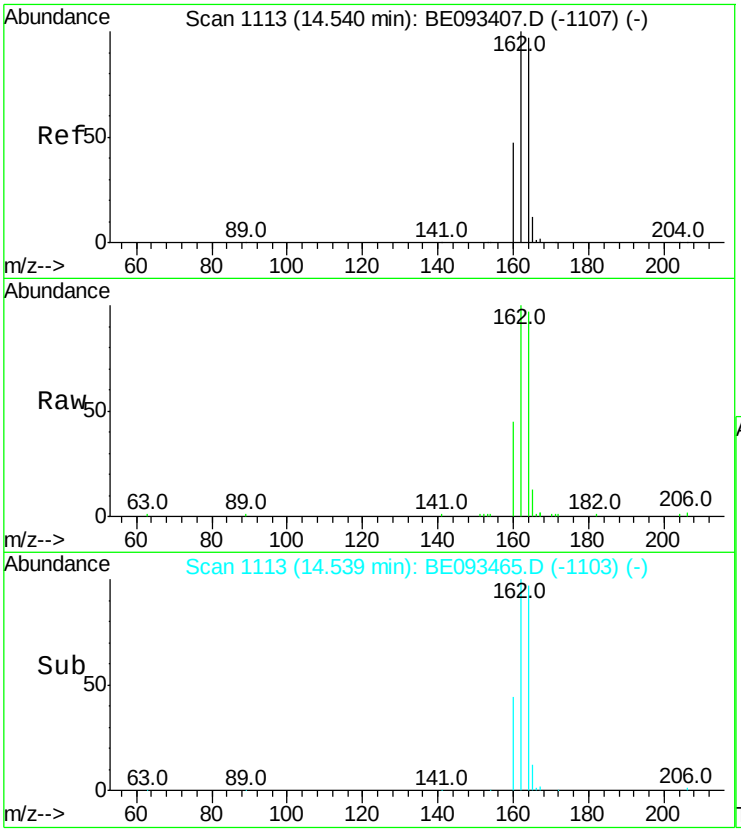


#12
2-Methylnaphthalene
Concen: 0.295 ng
RT: 12.38 min Scan# 847
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:142 Resp: 11720

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8
115	36.6	32.2	48.2



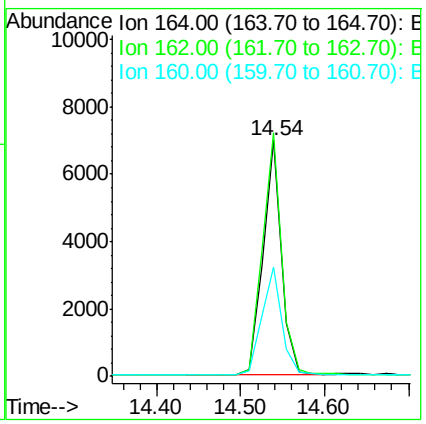


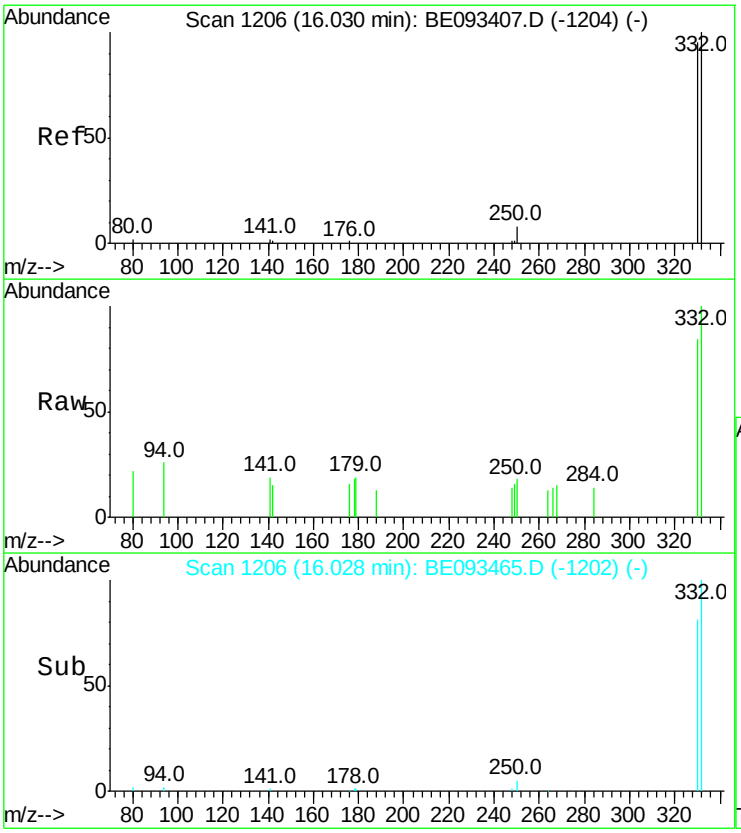
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10686

Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.6	127.0
160	46.3	41.8	62.6

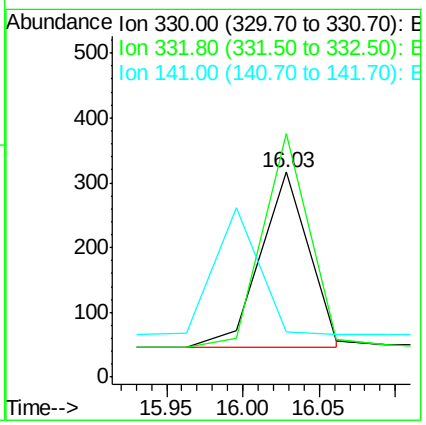


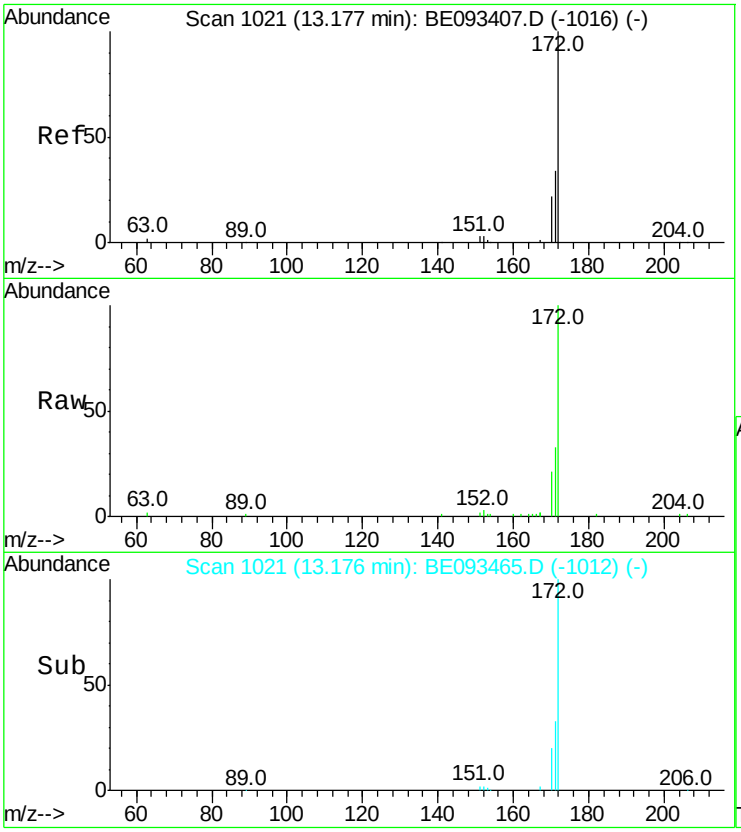


#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:330 Resp: 593

Ion	Ratio	Lower	Upper
330	100		
332	117.7	77.7	116.5#
141	0.0	56.2	84.4#



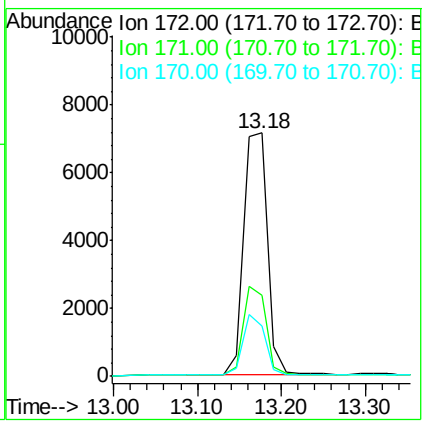


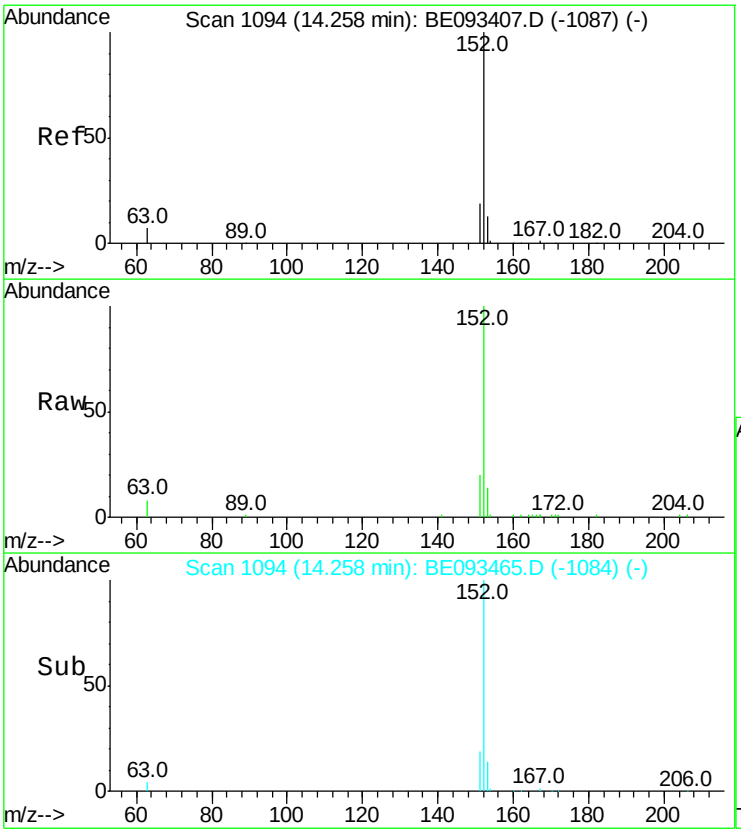
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument : BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14032

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	20.7	20.7	31.1#

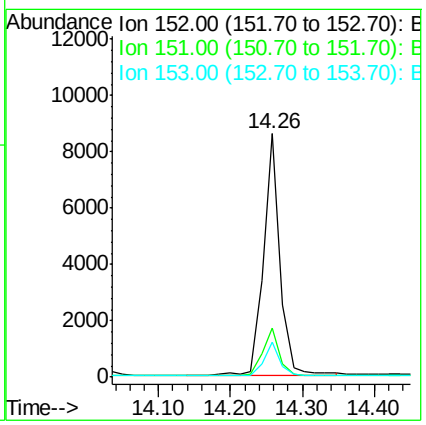


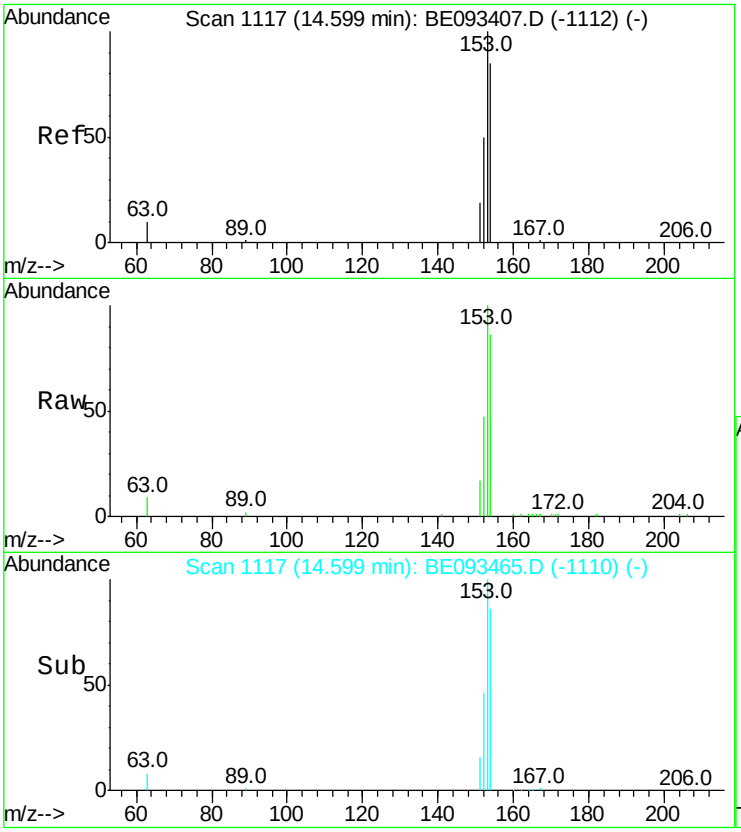


#16
Acenaphthylene
Concen: 0.308 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:152 Resp: 13710

Ion	Ratio	Lower	Upper
152	100		
151	19.7	4.0	6.0#
153	13.6	10.3	15.5



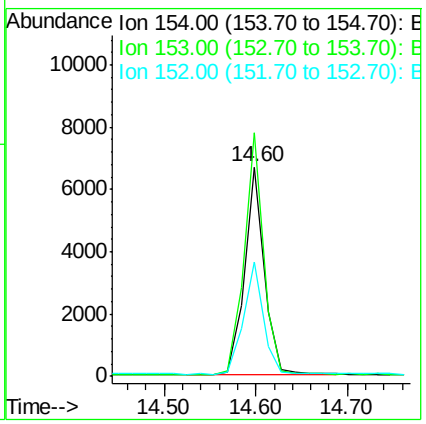


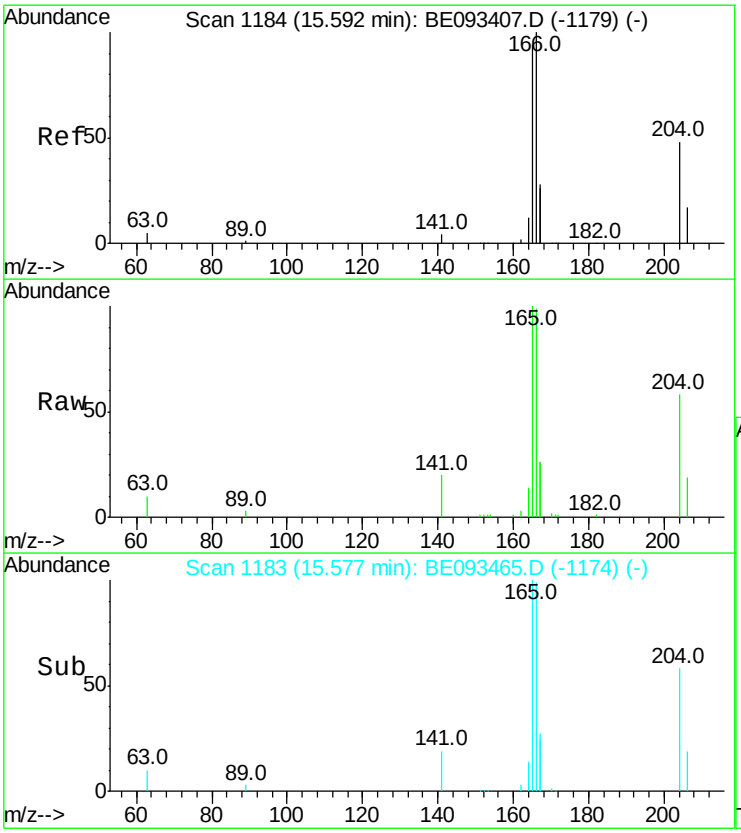
#17
Acenaphthene
Concen: 0.306 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9984

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	55.1	44.8	67.2

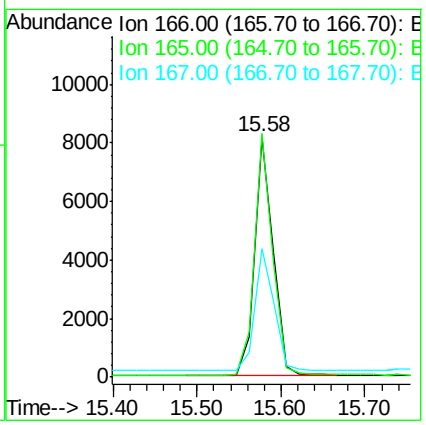


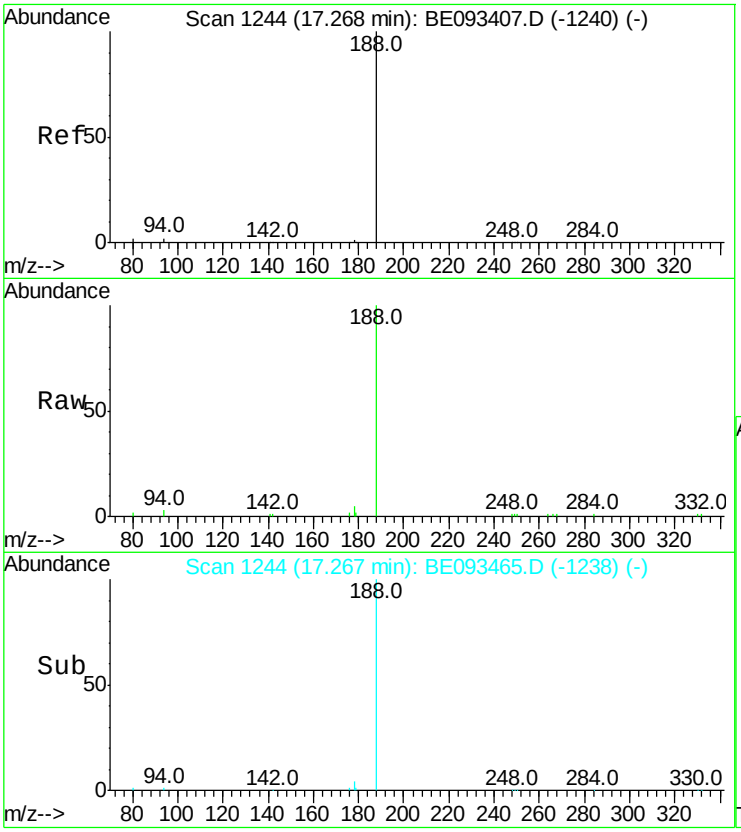


#18
Fluorene
Concen: 0.281 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:166 Resp: 12586

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	53.2	11.1	16.7#



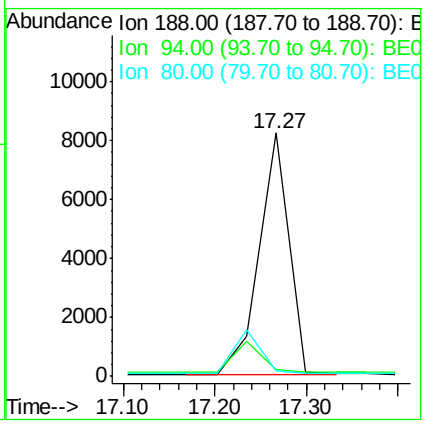


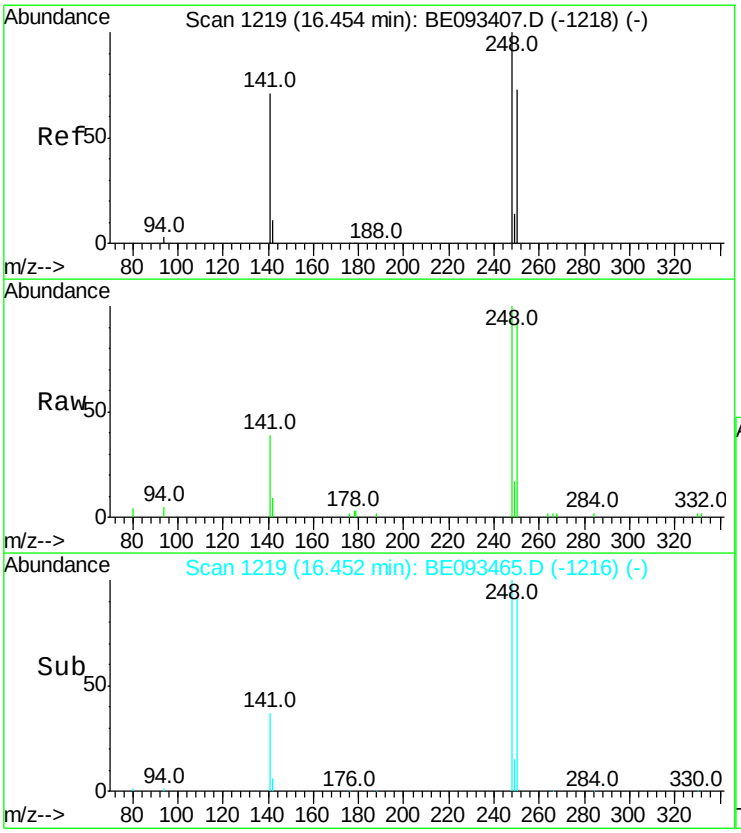
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18805

Ion	Ratio	Lower	Upper
188	100		
94	3.0	11.3	16.9#
80	2.3	11.7	17.5#

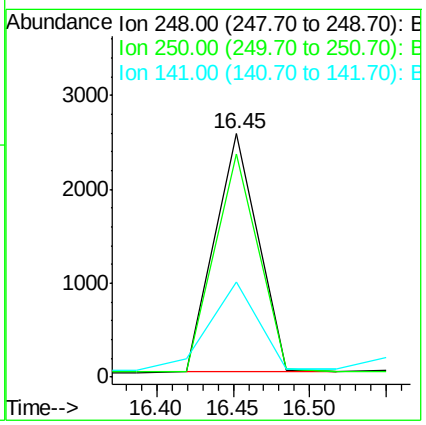


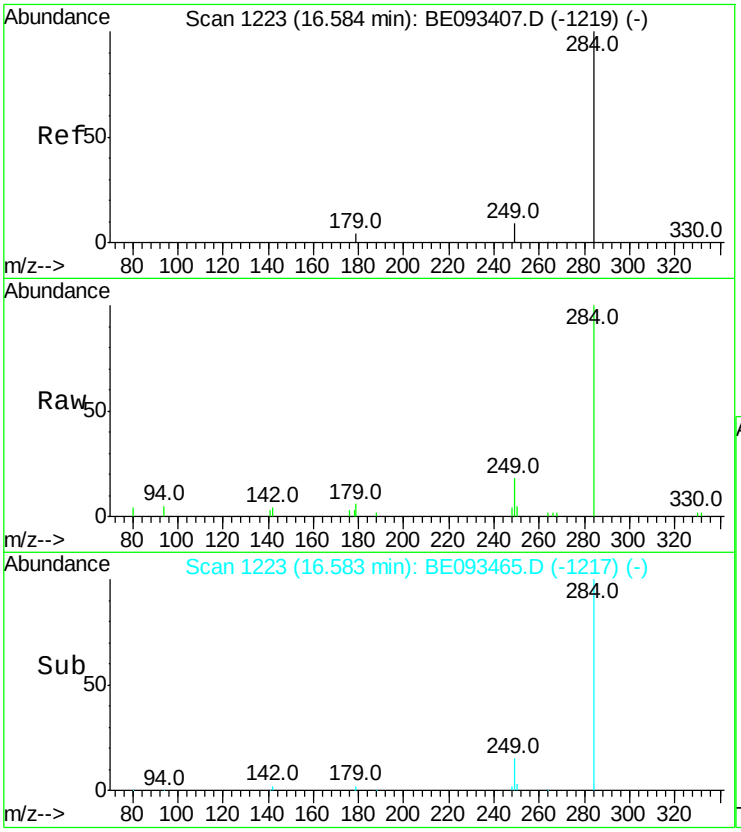


#20
4-Bromophenyl-phenylether
Concen: 0.486 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:248 Resp: 5012

Ion	Ratio	Lower	Upper
248	100		
250	91.7	40.8	61.2#
141	39.0	161.6	242.4#



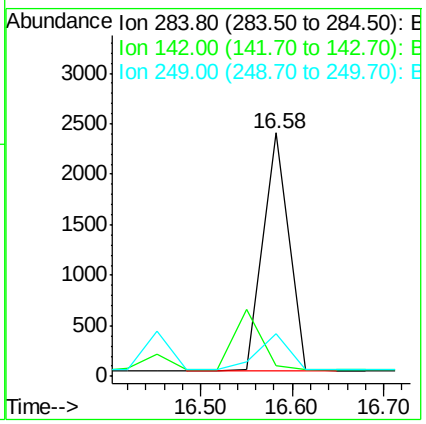


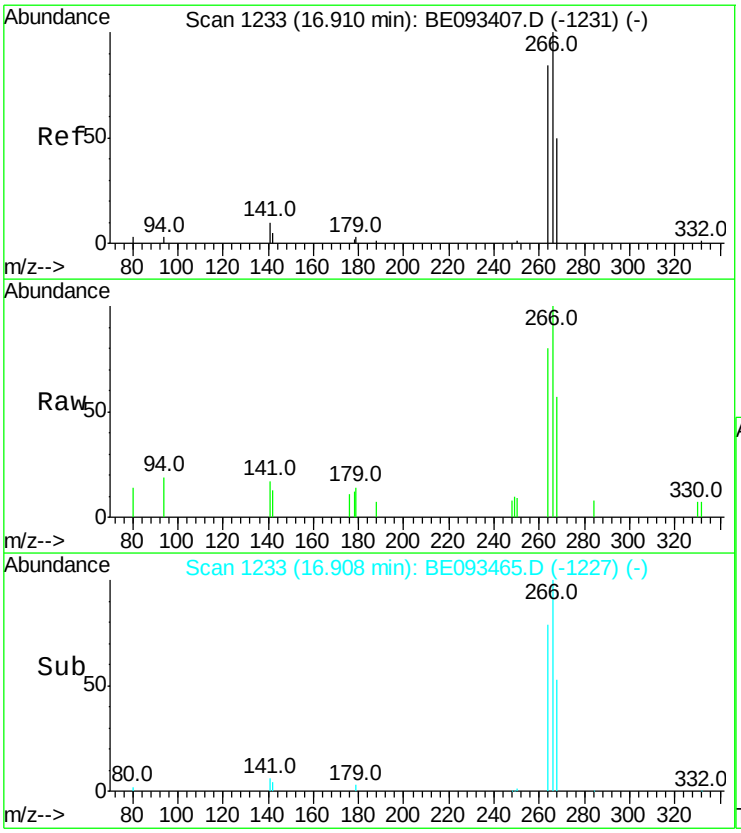
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4659

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	18.3	0.0	0.0#

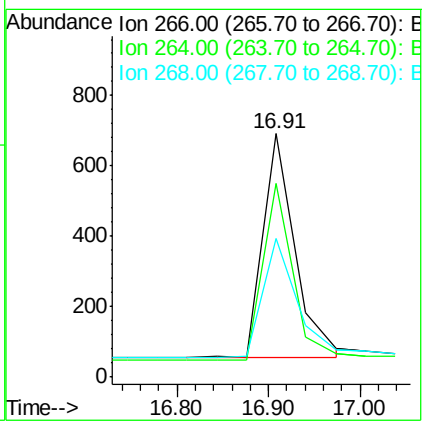


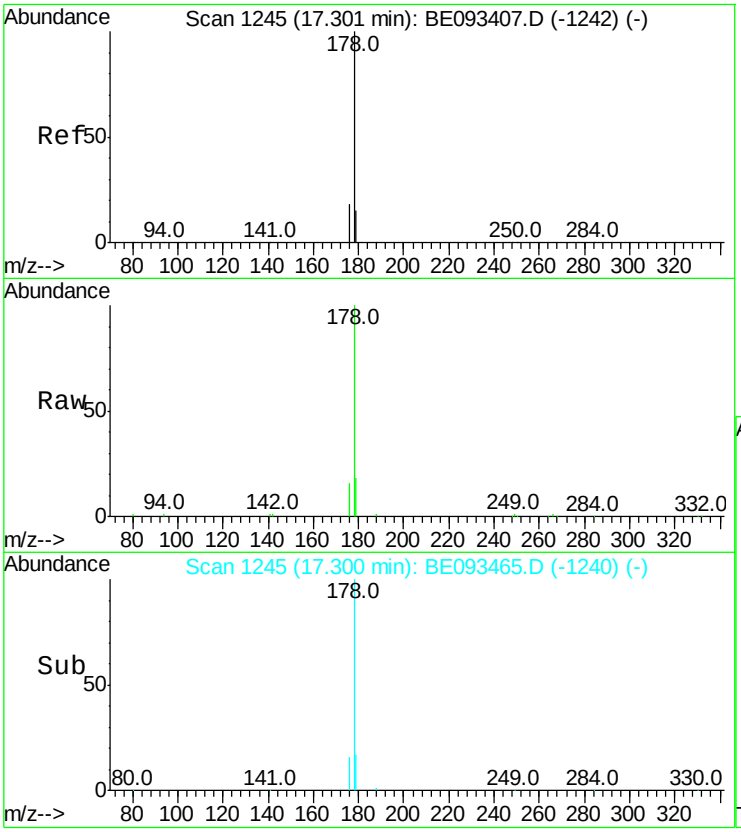


#22
Pentachlorophenol
Concen: 1.014 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:266 Resp: 1566

Ion	Ratio	Lower	Upper
266	100		
264	79.6	58.2	87.2
268	56.8	71.9	107.9#



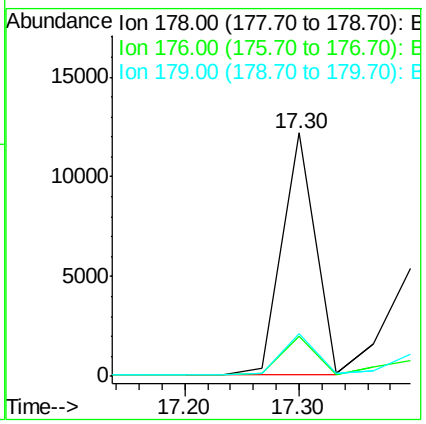


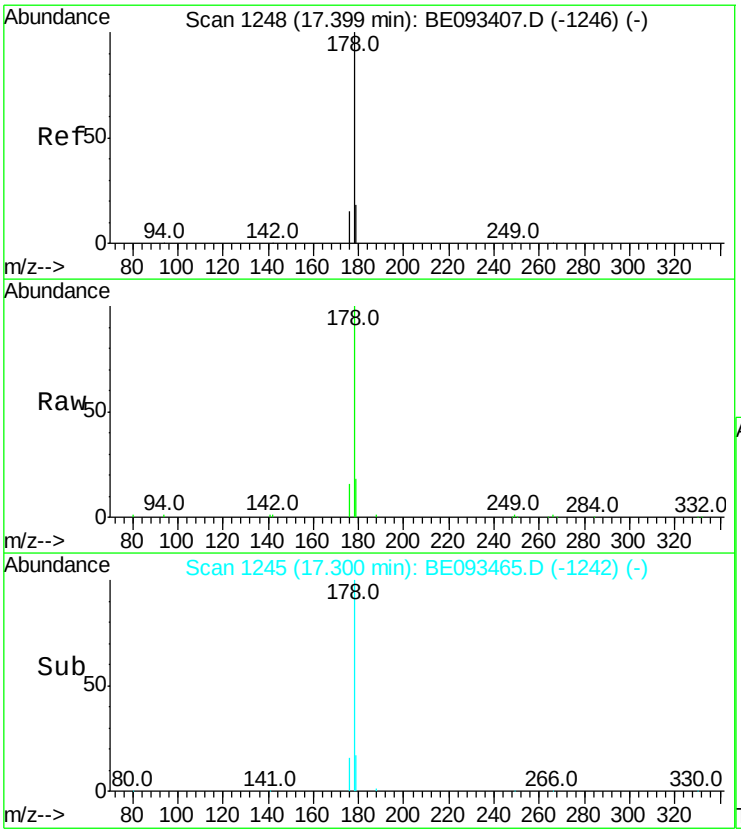
#23
Phenanthrene
Concen: 0.358 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 24463

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.0	22.4
179	17.0	12.7	19.1

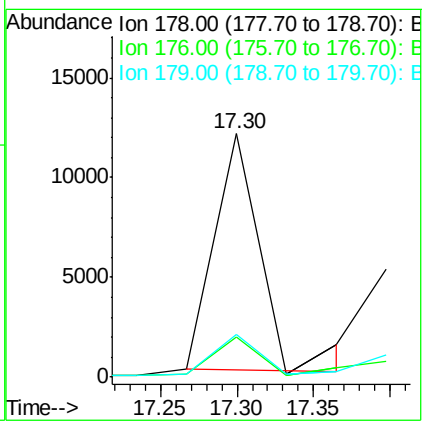


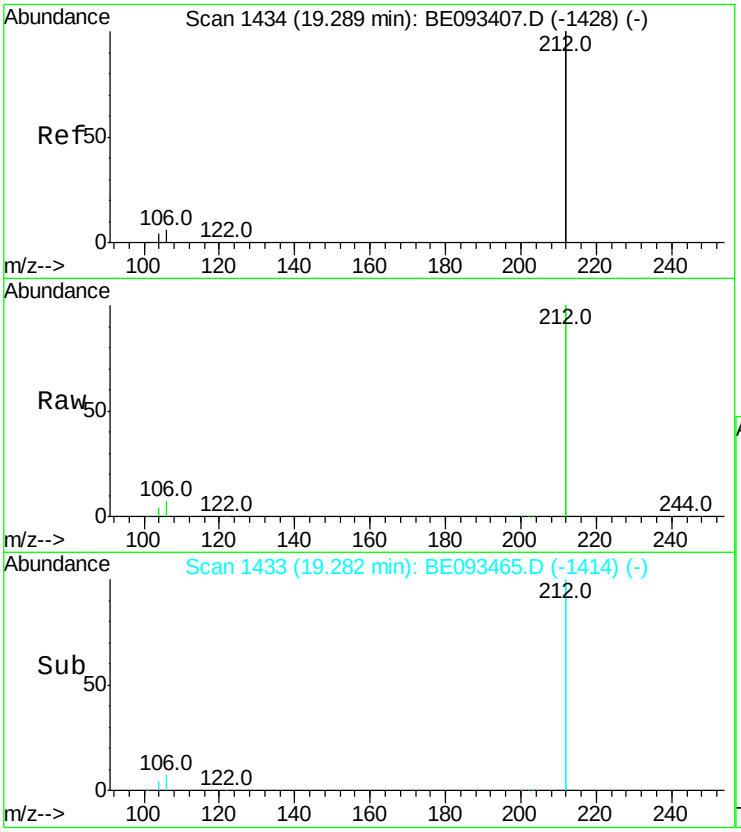


#24
Anthracene
Concen: 0.606 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:178 Resp: 25398

Ion	Ratio	Lower	Upper
178	100		
176	16.0	14.6	22.0
179	16.3	12.0	18.0



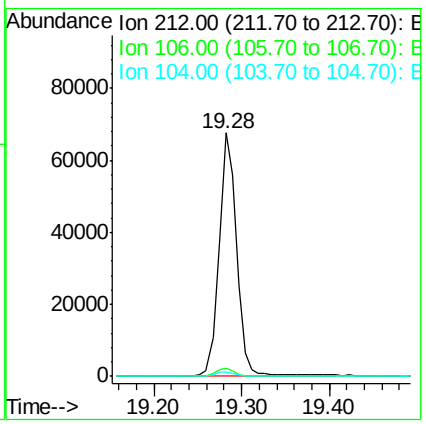


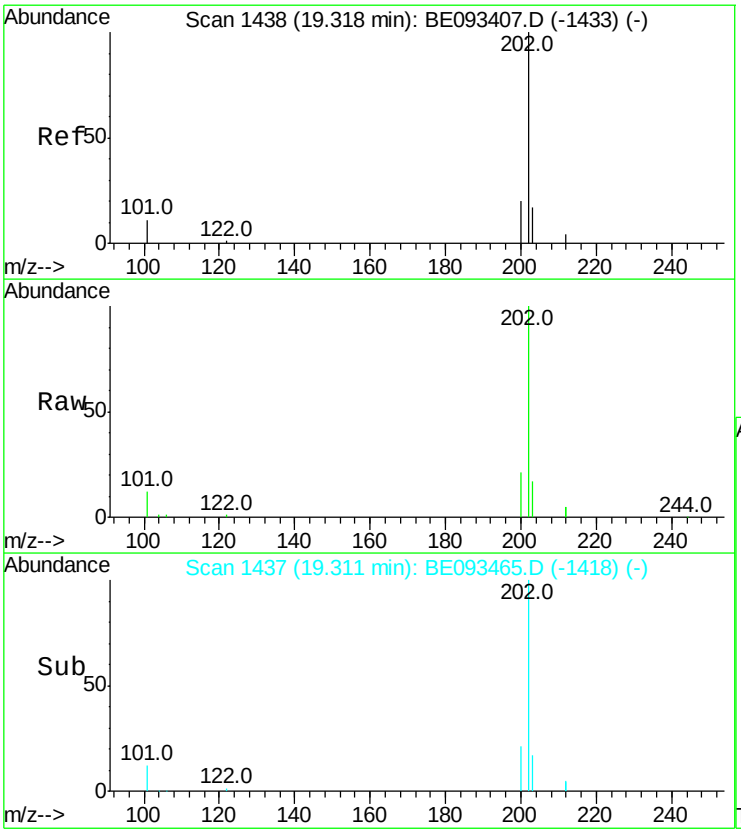
#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 92911

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

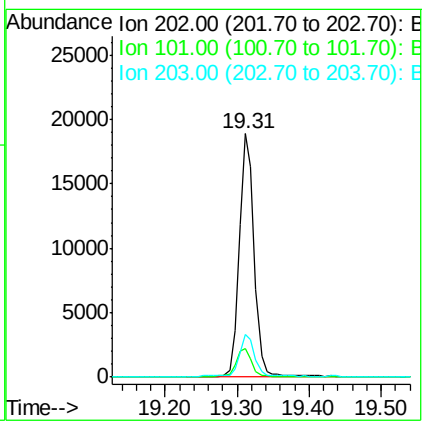


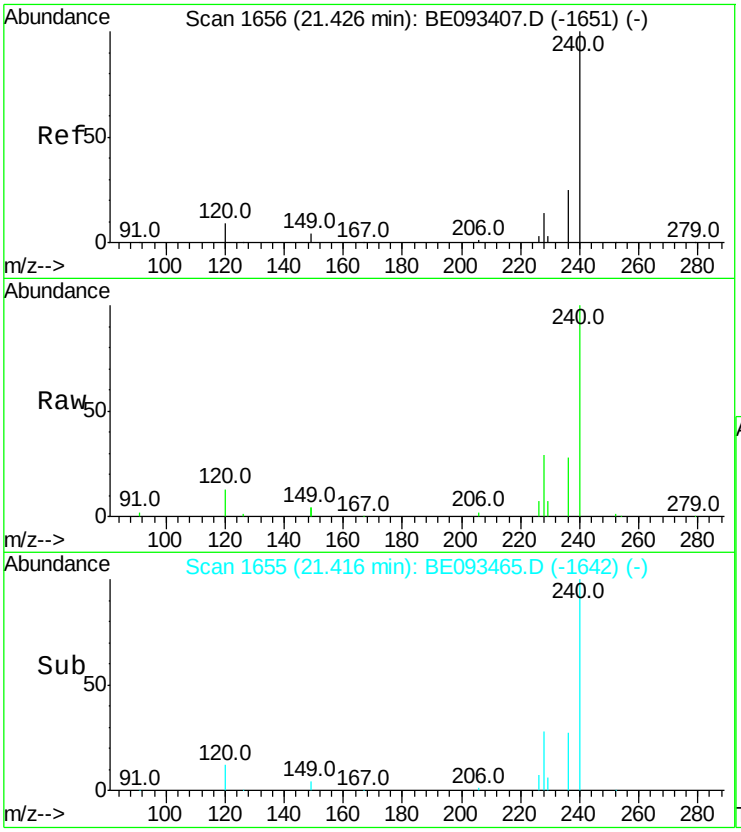


#26
Fluoranthene
Concen: 0.420 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:202 Resp: 26967

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.5	14.4	21.6



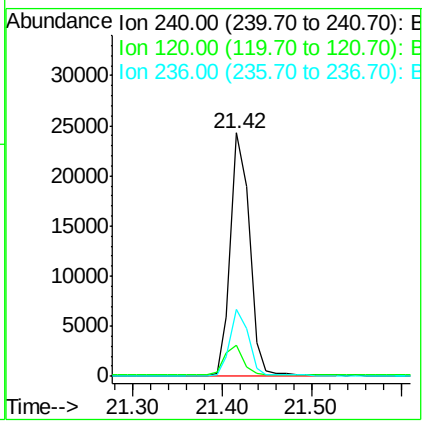


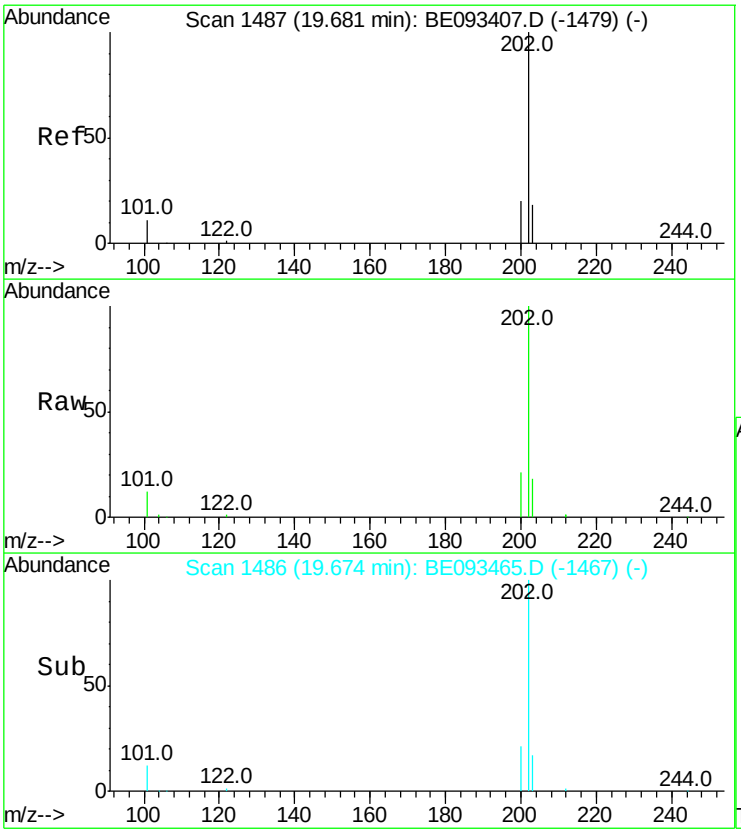
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 35887

Ion	Ratio	Lower	Upper
240	100		
120	13.0	4.6	7.0#
236	27.6	20.8	31.2

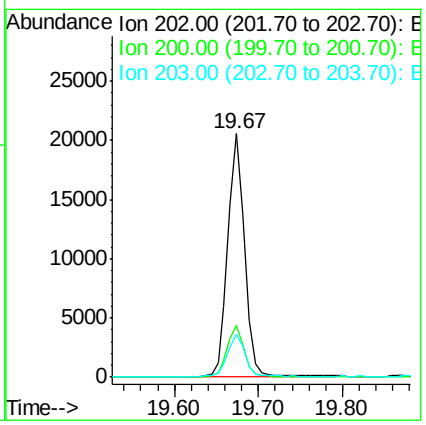


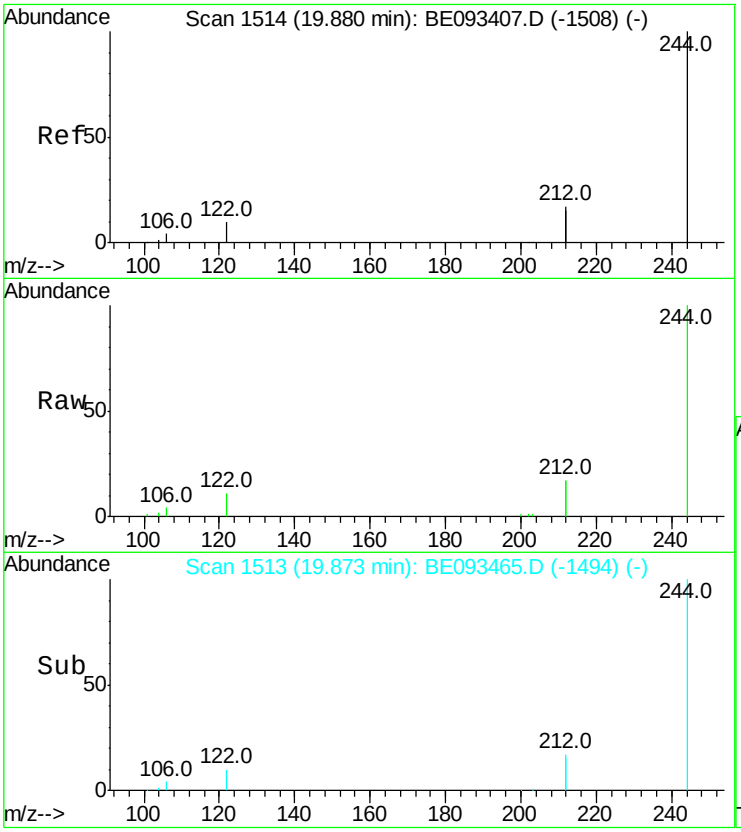


#28
Pyrene
Concen: 0.278 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:202 Resp: 28029

Ion	Ratio	Lower	Upper
202	100		
200	21.1	0.0	0.0#
203	17.9	13.7	20.5



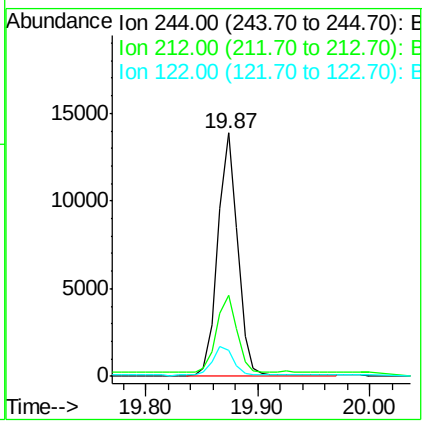


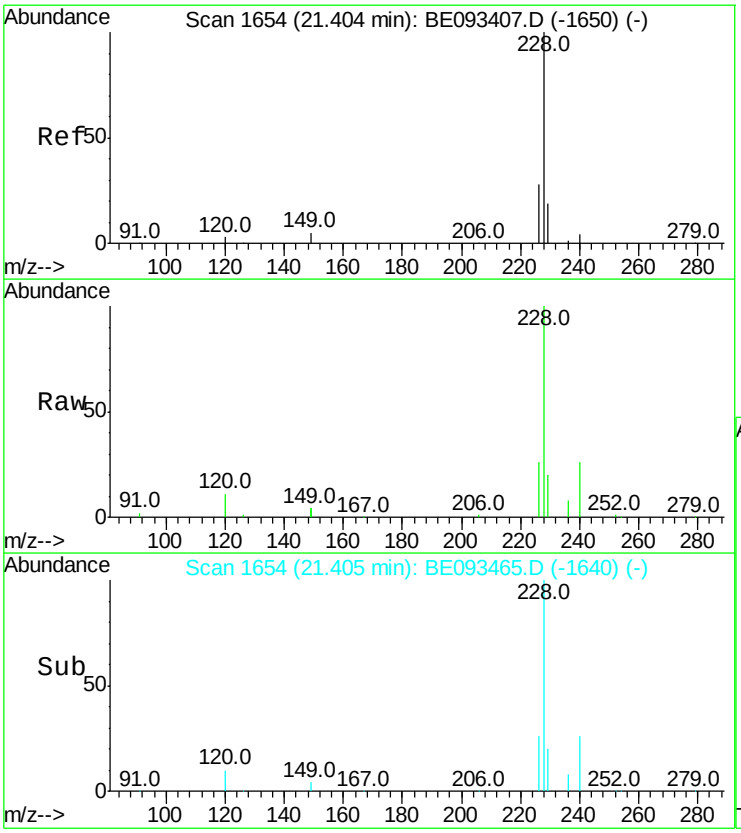
#29
Terphenyl-d14
Concen: 0.265 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 17004

Ion	Ratio	Lower	Upper
244	100		
212	33.4	10.6	16.0#
122	10.8	15.4	23.0#

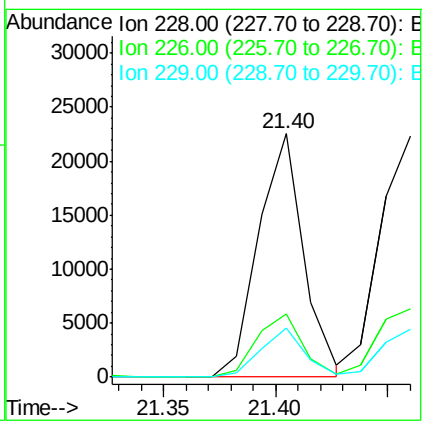


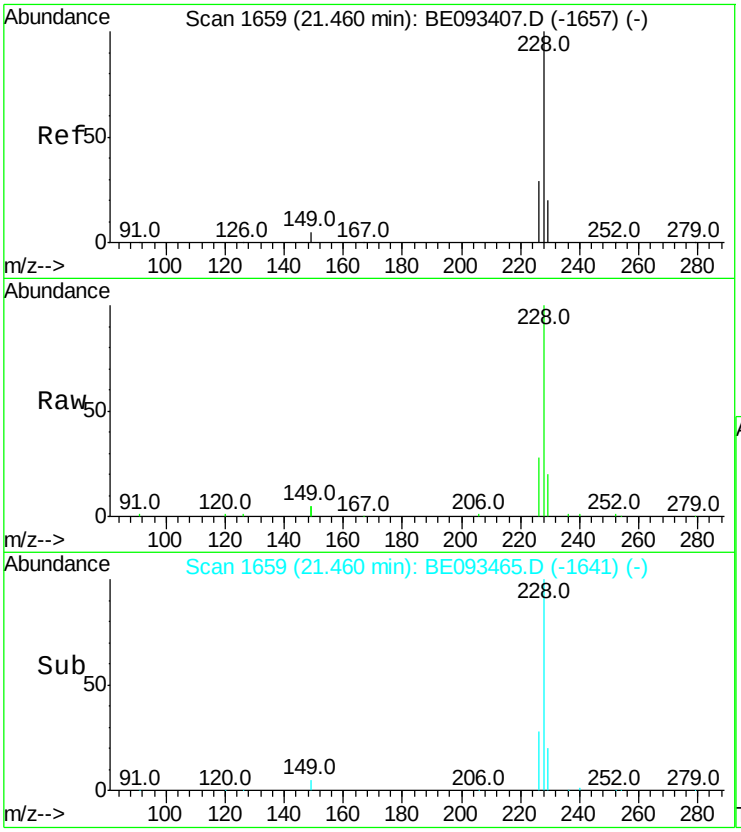


#30
Benzo(a)anthracene
Concen: 0.325 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:228 Resp: 31477

Ion	Ratio	Lower	Upper
228	100		
226	25.8	19.7	29.5
229	20.0	19.2	28.8



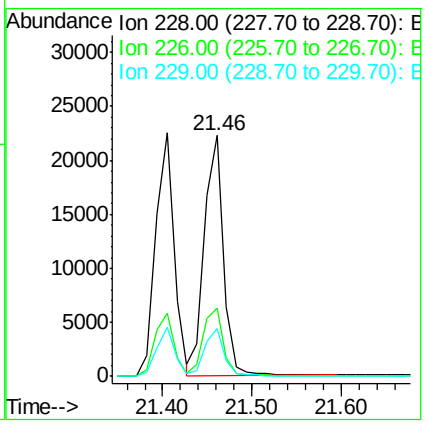


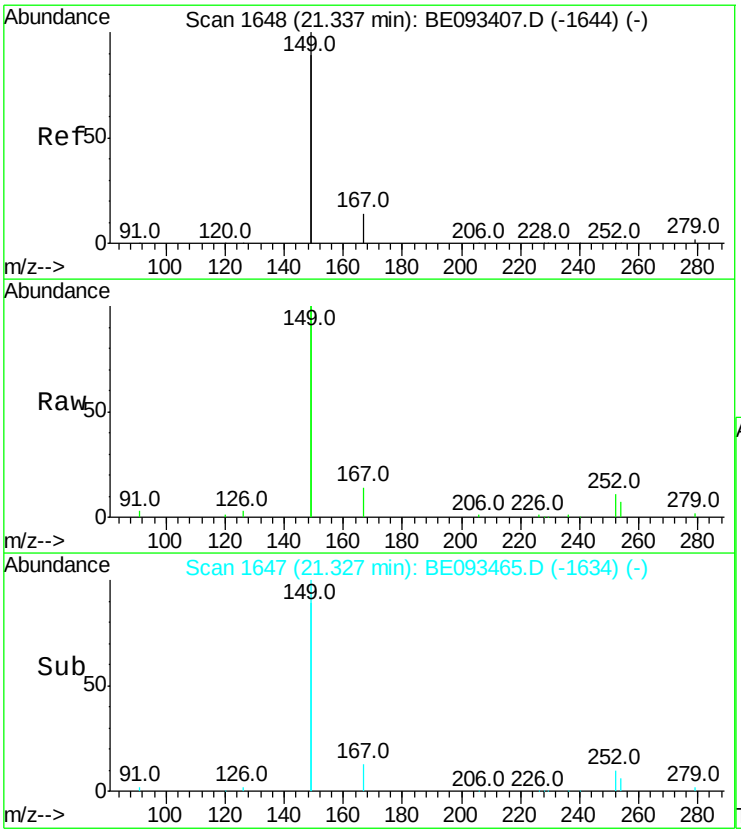
#31
Chrysene
Concen: 0.328 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 33249

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.5	32.3
229	19.9	18.6	28.0

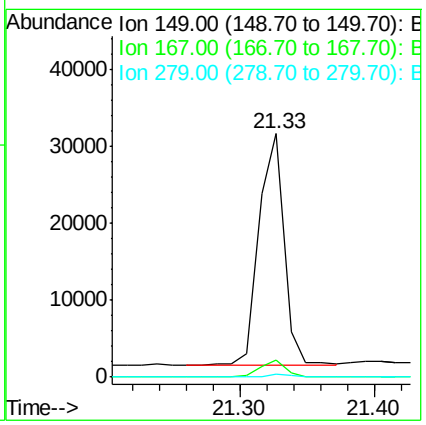


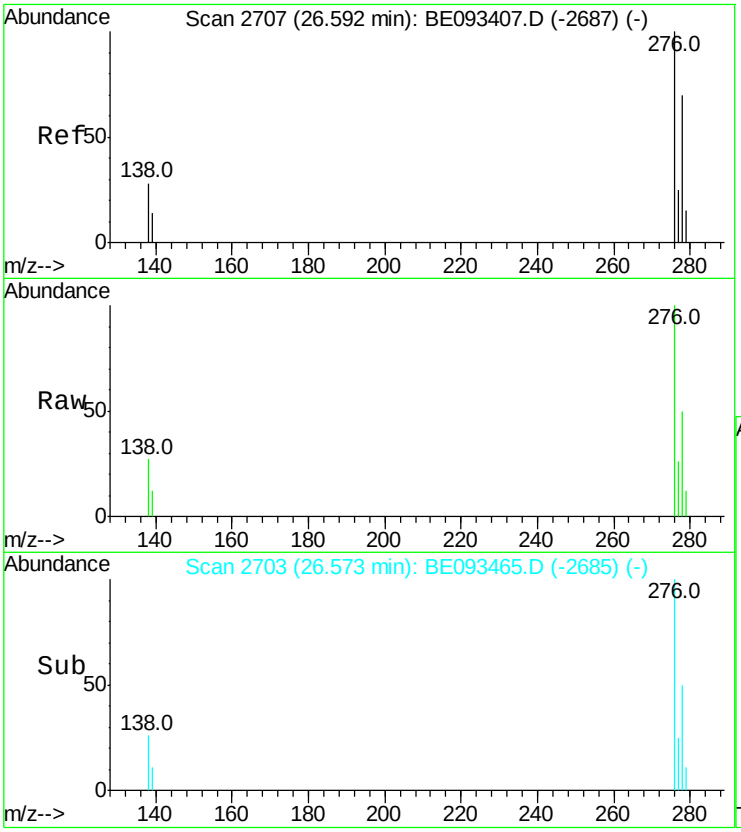


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.283 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:149 Resp: 39515

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#



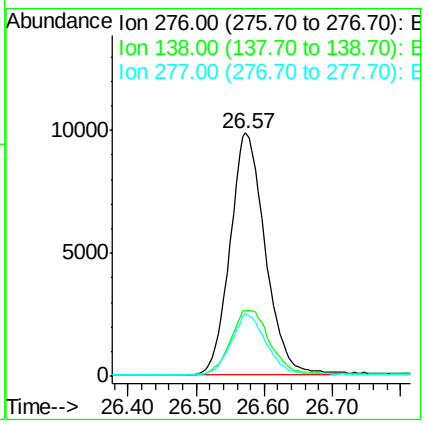


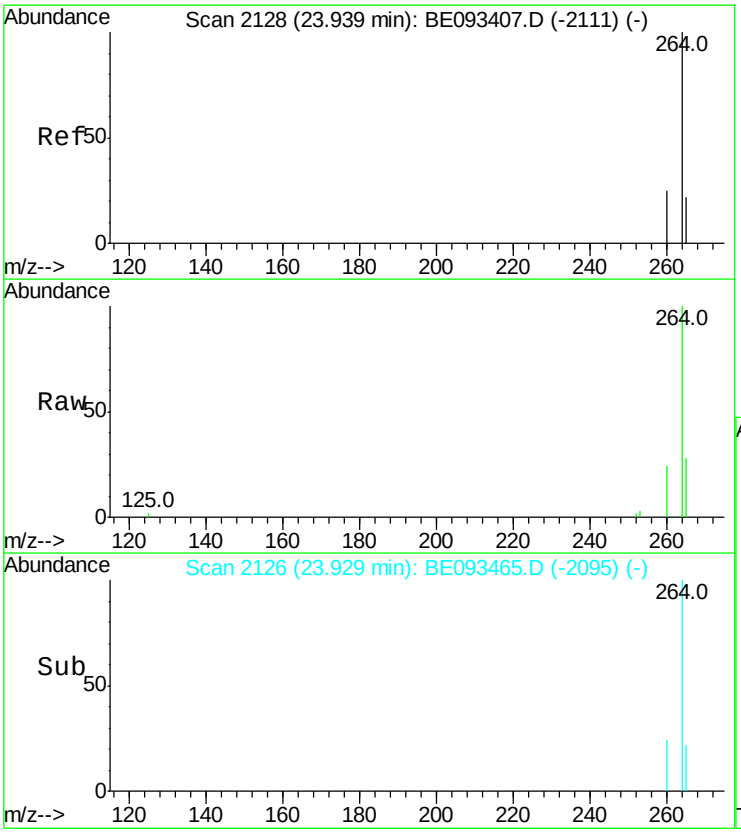
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.57 min Scan# 2703
Delta R.T. -0.02 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35335

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.4	41.2
277	25.0	20.1	30.1

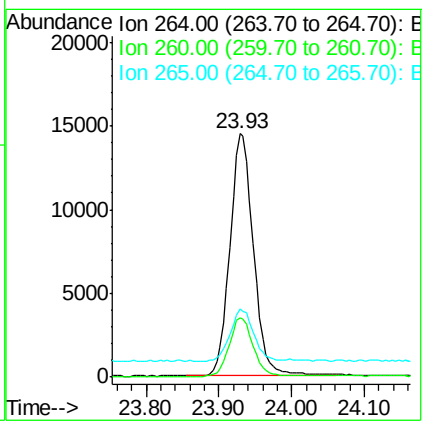


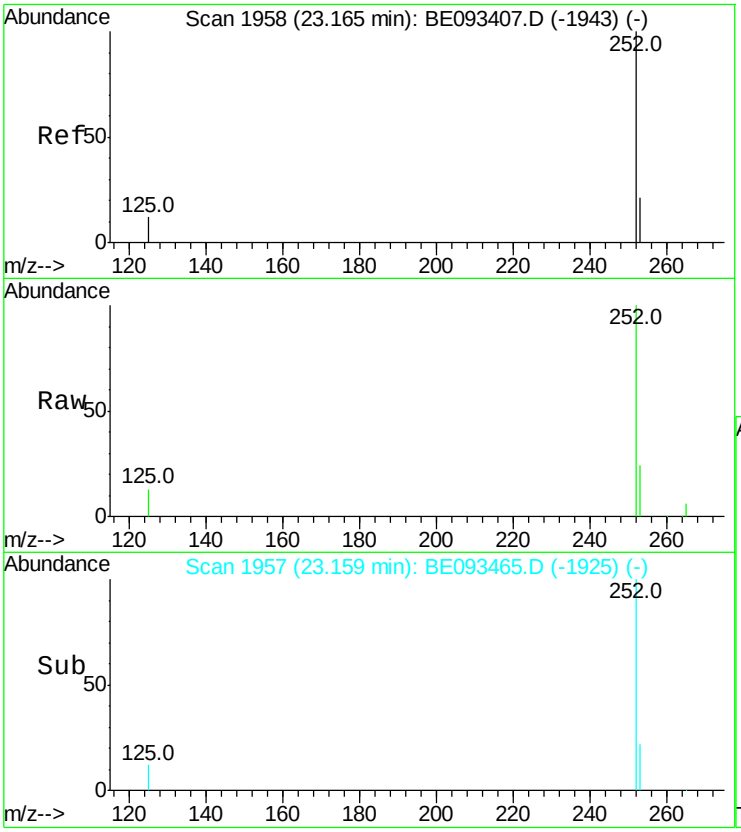


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:264 Resp: 32885

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	28.1	24.6	36.8



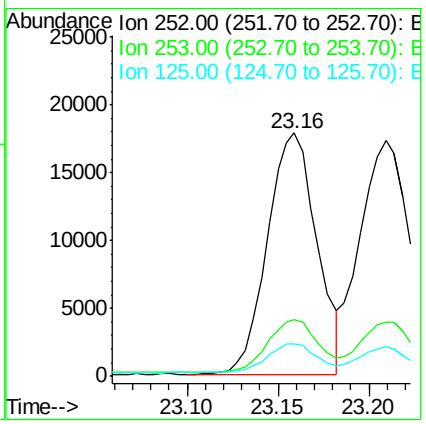


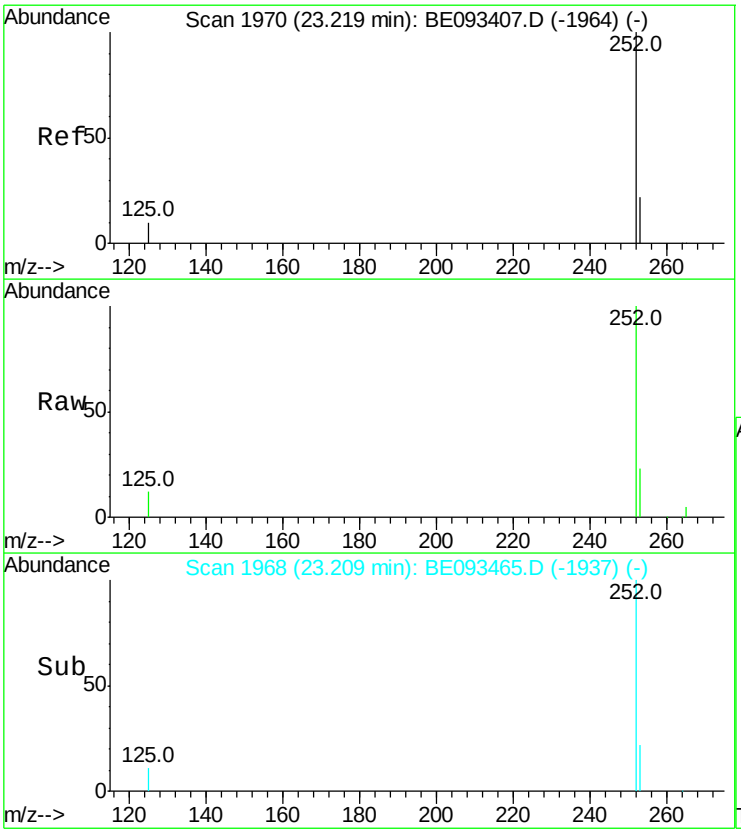
#35
Benzo(b)fluoranthene
Concen: 0.316 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33609

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	13.4	13.4	20.0

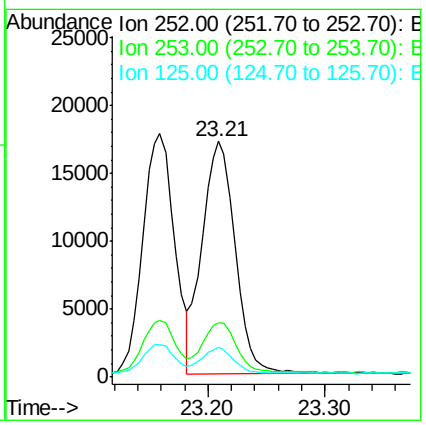


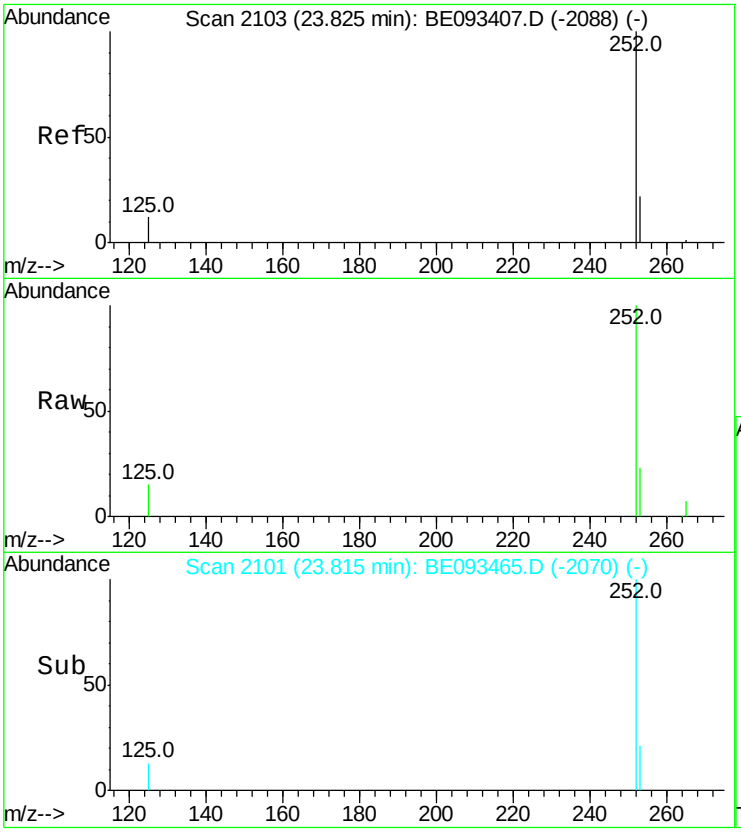


#36
Benzo(k)fluoranthene
Concen: 0.320 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:252 Resp: 33617

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.4	12.2	18.4



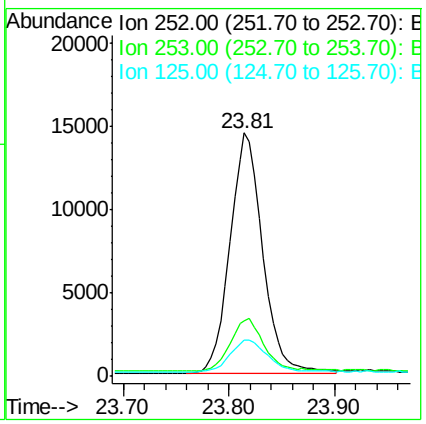


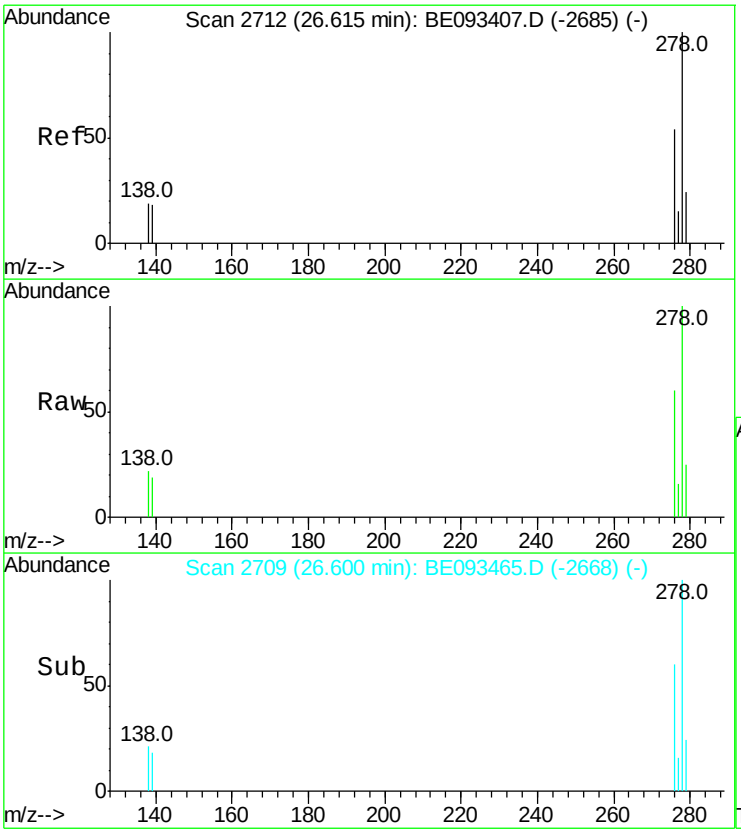
#37
Benzo(a)pyrene
Concen: 0.334 ng
RT: 23.81 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 31112

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.9	29.9
125	14.8	14.6	21.8

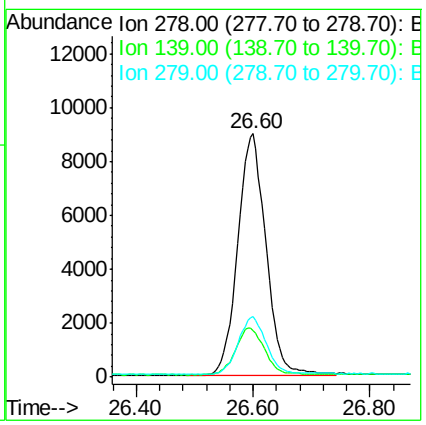


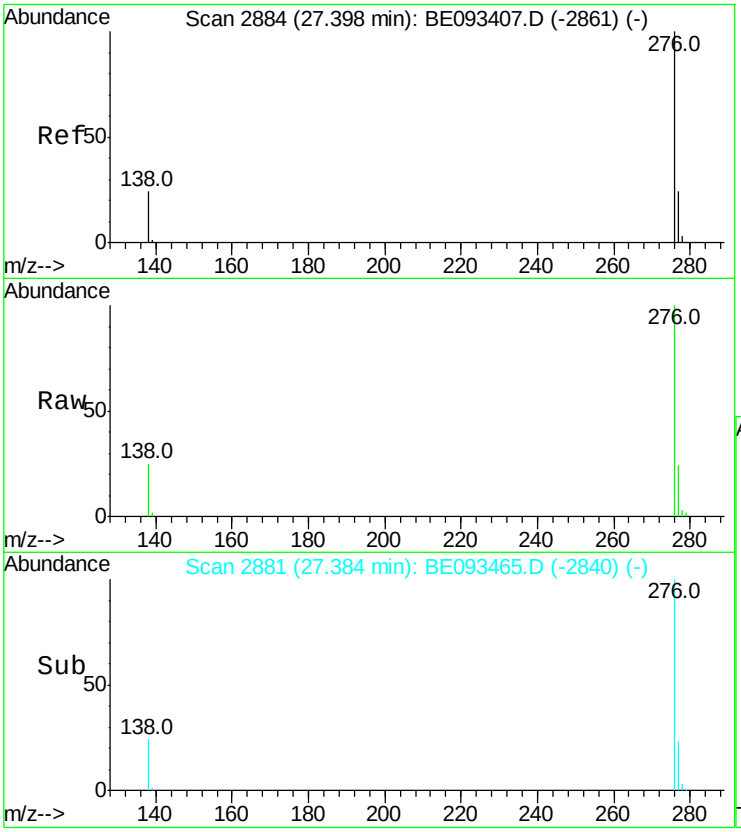


#38
Dibenzo(a,h)anthracene
Concen: 0.335 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Tgt Ion:278 Resp: 30288

Ion	Ratio	Lower	Upper
278	100		
139	19.4	21.4	32.0#
279	24.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 27.38 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BE093465.D
Acq: 14 Jul 2017 11:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 30445

Ion	Ratio	Lower	Upper
276	100		
277	24.0	21.2	31.8
138	24.8	24.5	36.7