Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093954.D
Acq On : 11 Sep 2017 9:43
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 12 07:39:14 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	1925	0.40	ng		0.00
7) Naphthalene-d8	10.70	136	10012	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5482	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10518	0.40	ng		0.00
27) Chrysene-d12	21.43	240	13517	0.40	ng		0.00
34) Perylene-d12	23.94	264	10171	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2461	0.40	ng		0.00
5) Phenol-d6	7.11	99	3506	0.38	ng		0.00
8) Nitrobenzene-d5	9.08	82	3242	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	6356	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	661	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	8950	0.41	ng		0.00
25) Fluoranthene-d10	19.29	212	61150	0.39	ng		0.00
29) Terphenyl-d14	19.87	244	10056	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1082	0.408	ng		98
3) n-Nitrosodimethylamine	3.75	42	1206	0.388	ng	#	98
6) bis(2-Chloroethyl)ether	7.34	93	3008	0.394	ng		89
9) Naphthalene	10.76	128	46502	0.405	ng		100
10) Hexachlorobutadiene	11.04	225	1620	0.388	ng		99
12) 2-Methylnaphthalene	12.37	142	7585	0.398	ng		100
16) Acenaphthylene	14.24	152	10440	0.382	ng		100
17) Acenaphthene	14.58	154	7497	0.405	ng		97
18) Fluorene	15.58	166	9733	0.408	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2736	0.462	ng	#	77
21) Hexachlorobenzene	16.58	284	2413	0.389	ng	#	100
22) Pentachlorophenol	16.94	266	671	0.402	ng		94
23) Phenanthrene	17.30	178	17249	0.530	ng	#	99
24) Anthracene	17.40	178	11086	0.346	ng	#	92
26) Fluoranthene	19.32	202	18128	0.387	ng		100
28) Pyrene	19.67	202	19012	0.409	ng		100
30) Benzo(a)anthracene	21.40	228	15836	0.381	ng		98
31) Chrysene	21.46	228	17692	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	37996	0.377	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	9361	0.320	ng		94
35) Benzo(b)fluoranthene	23.16	252	12297	0.380	ng		97
36) Benzo(k)fluoranthene	23.22	252	16588	0.418	ng		95
37) Benzo(a)pyrene	23.83	252	12978	0.394	ng		95
38) Dibenzo(a,h)anthracene	26.63	278	6968	0.319	ng	#	89
39) Benzo(g,h,i)perylene	27.43	276	8216	0.356	ng		97

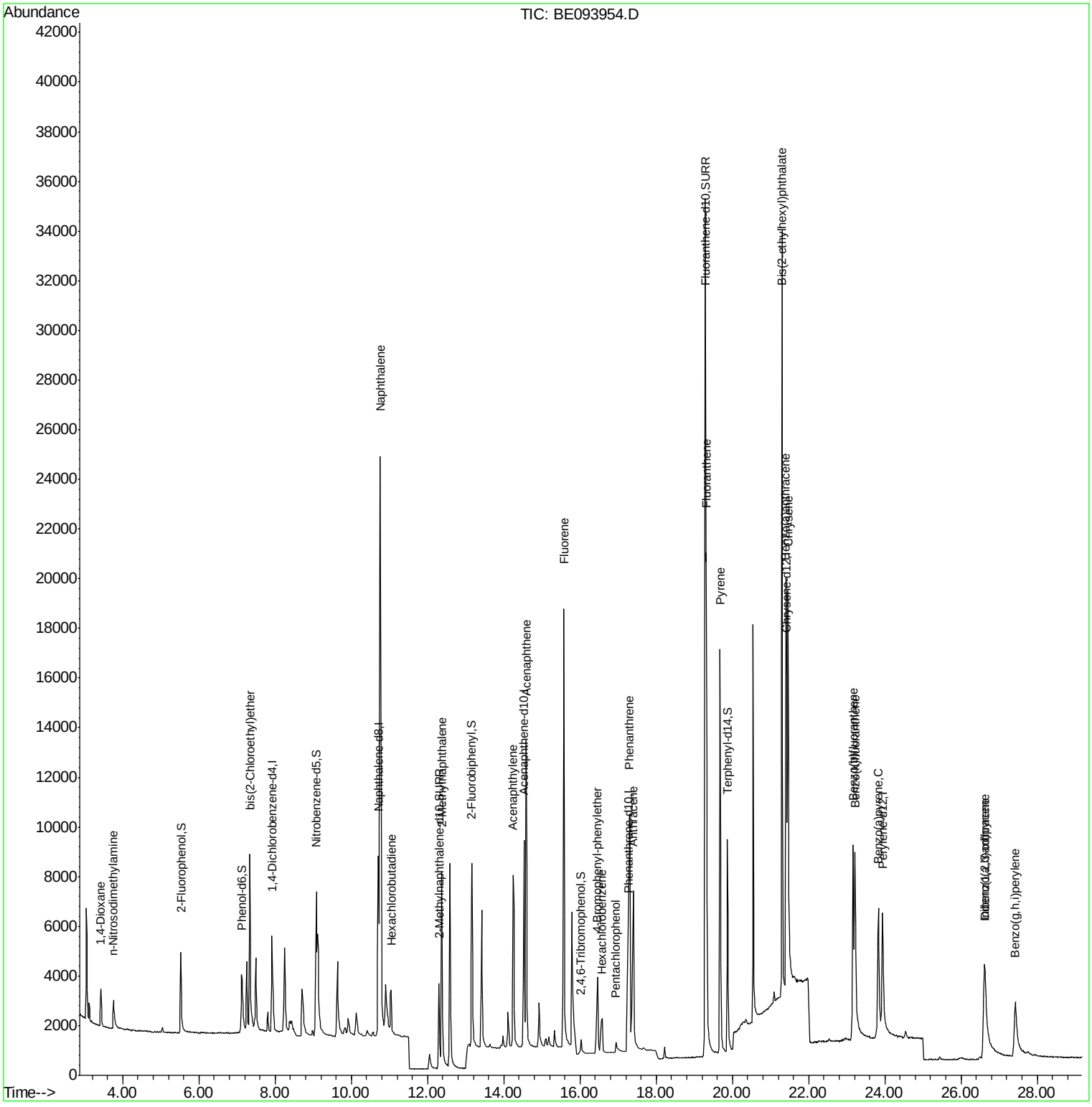
(#) = qualifier out of range (m) = manual integration (+) = signals summed

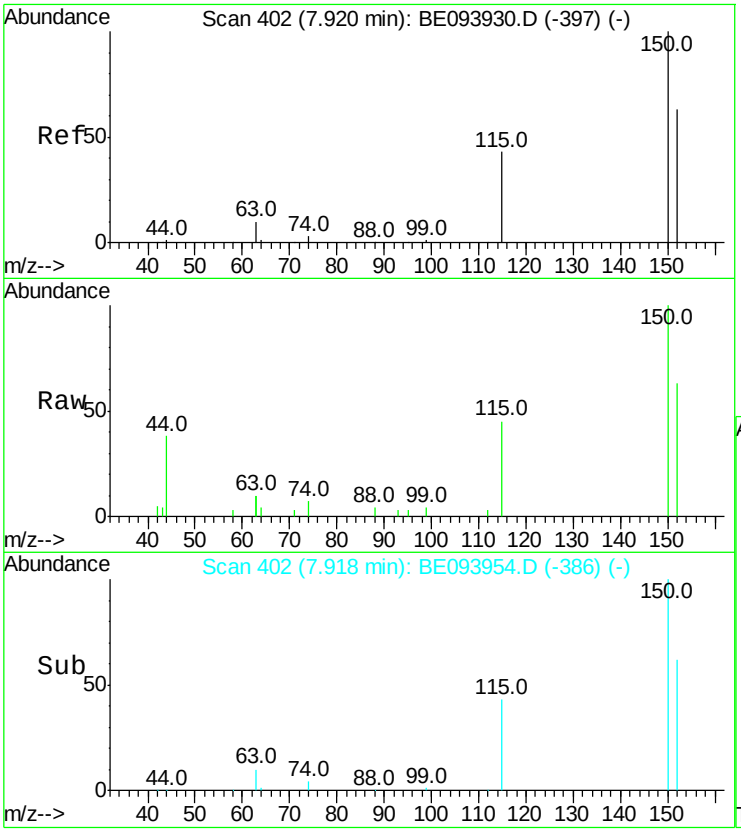
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093954.D
Acq On : 11 Sep 2017 9:43
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 12 07:39:14 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



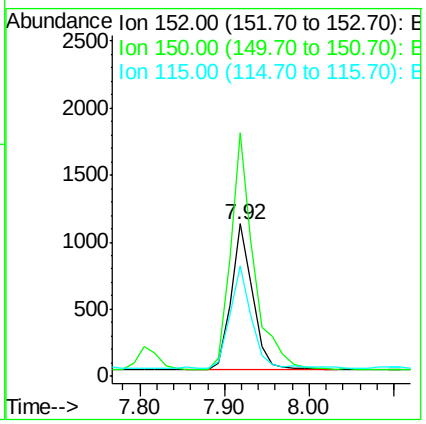


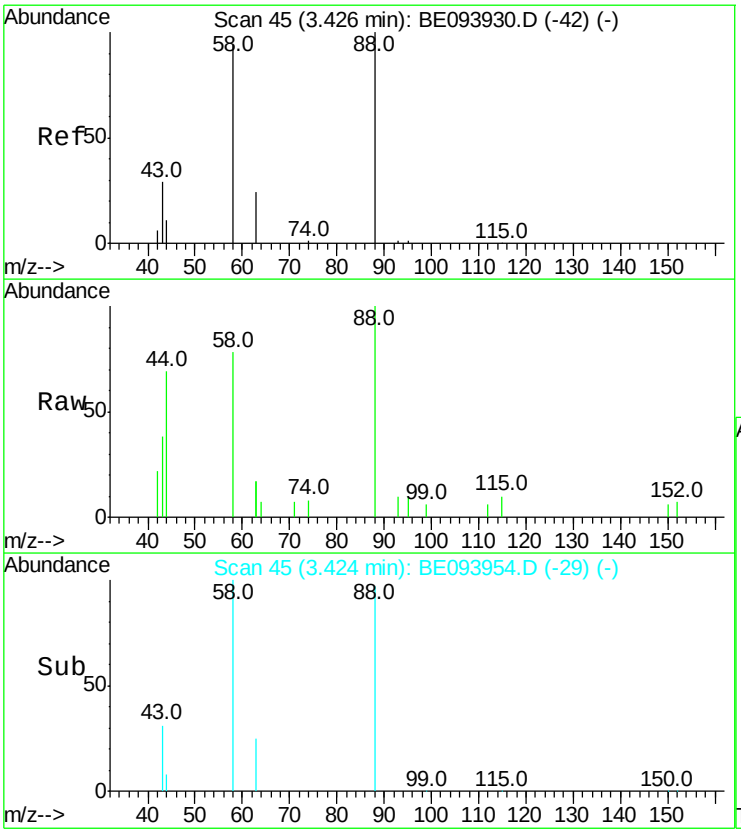
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1925

Ion	Ratio	Lower	Upper
152	100		
150	159.4	121.8	182.6
115	72.1	52.6	79.0

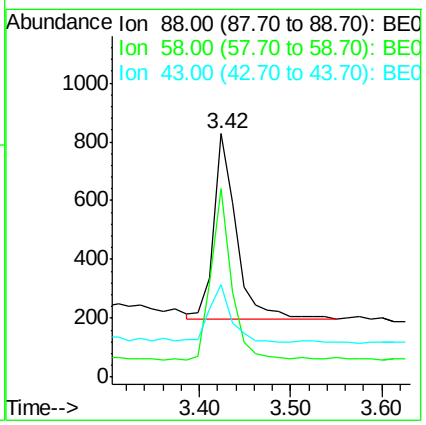


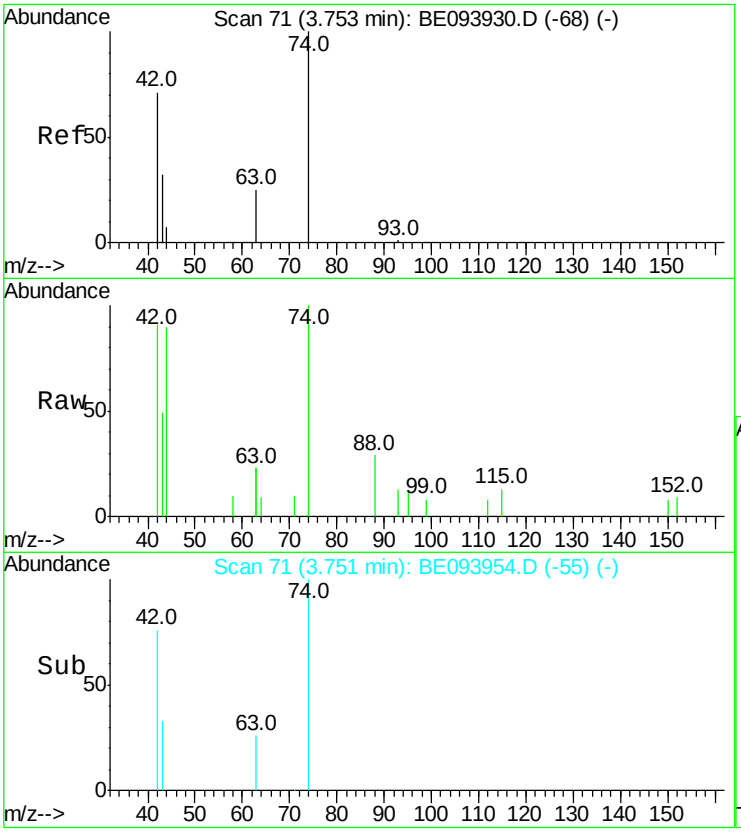


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion: 88 Resp: 1082

Ion	Ratio	Lower	Upper
88	100		
58	83.2	65.4	98.0
43	30.6	23.9	35.9



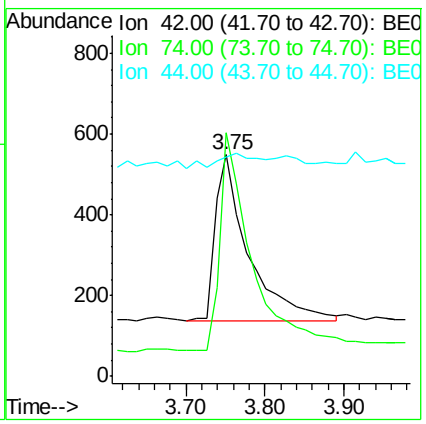


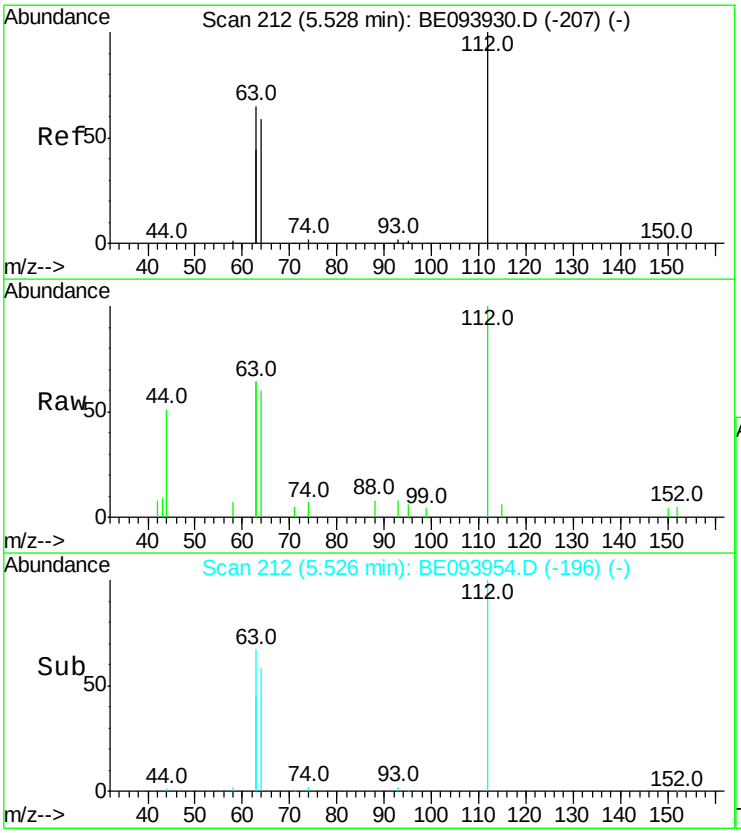
#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1206

Ion	Ratio	Lower	Upper
42	100		
74	130.1	104.0	156.0
44	8.7	13.8	20.8#

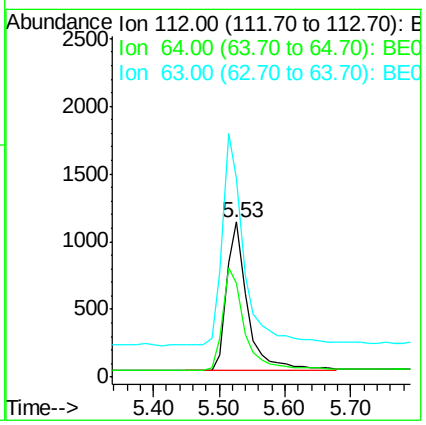


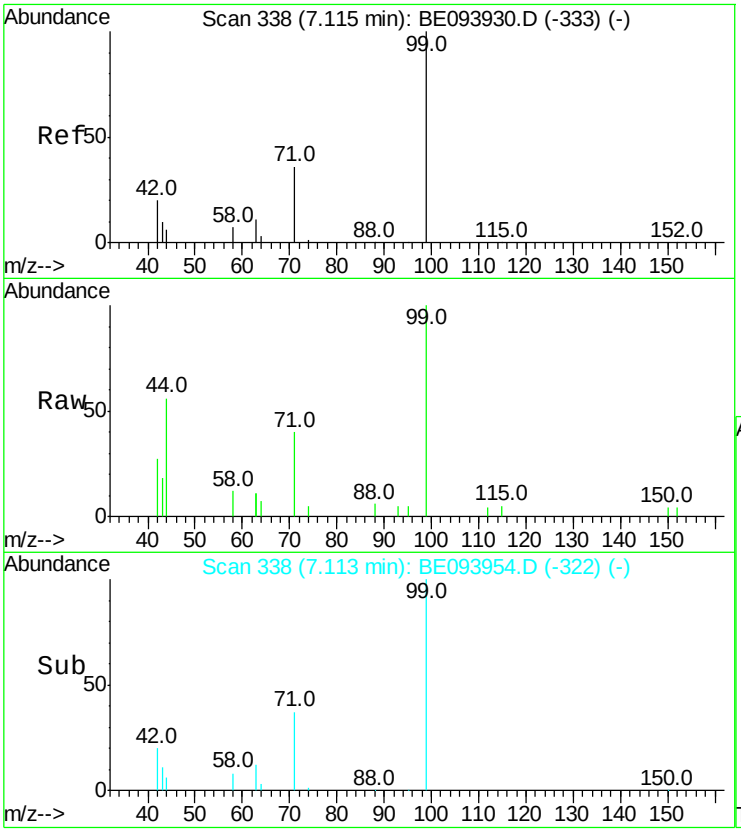


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:112 Resp: 2461

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.7	86.5
63	144.1	116.0	174.0



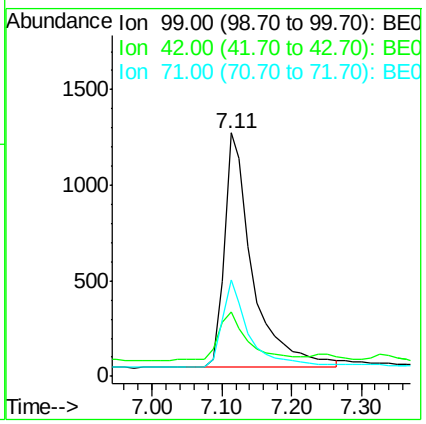


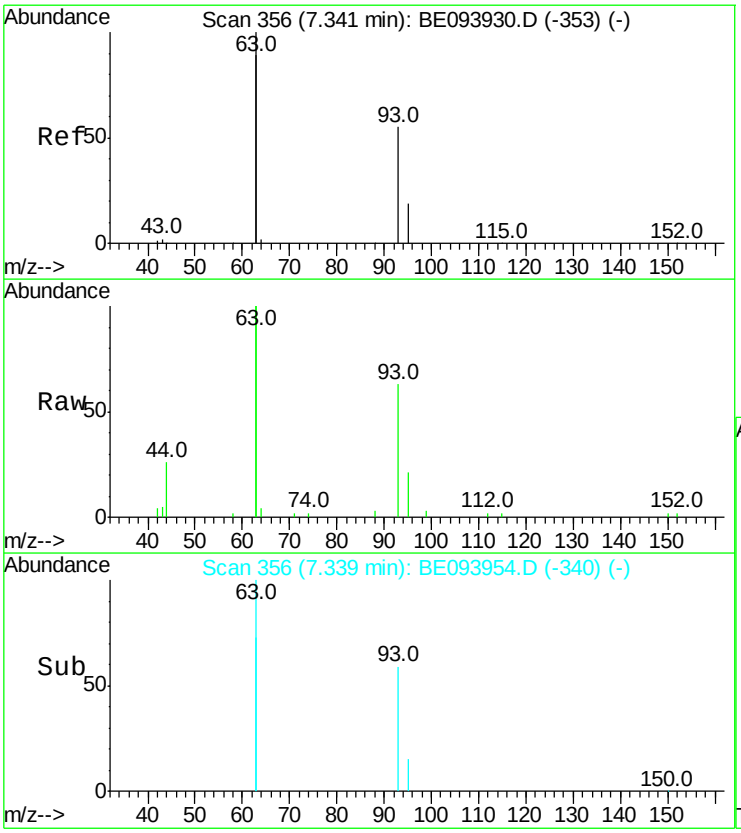
#5
Phenol-d6
Concen: 0.375 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3506

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	35.2	26.6	39.8

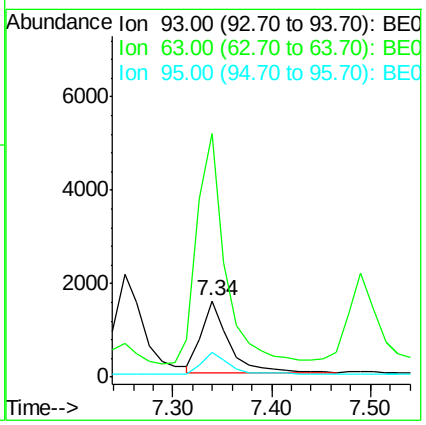


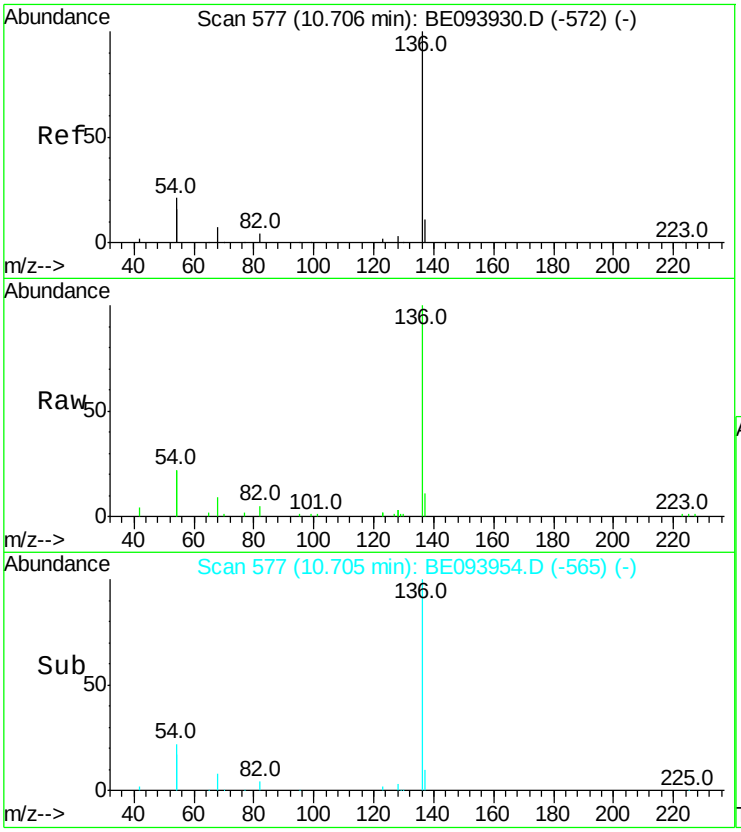


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion: 93 Resp: 3008

Ion	Ratio	Lower	Upper
93	100		
63	328.6	283.4	425.2
95	31.2	26.9	40.3



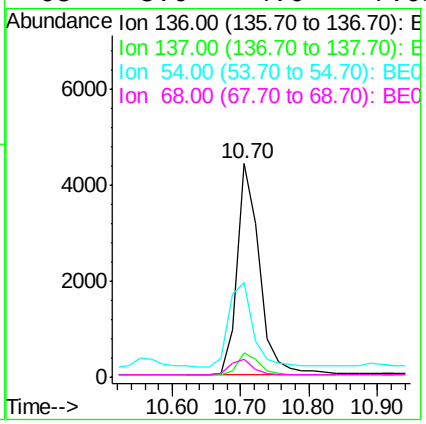


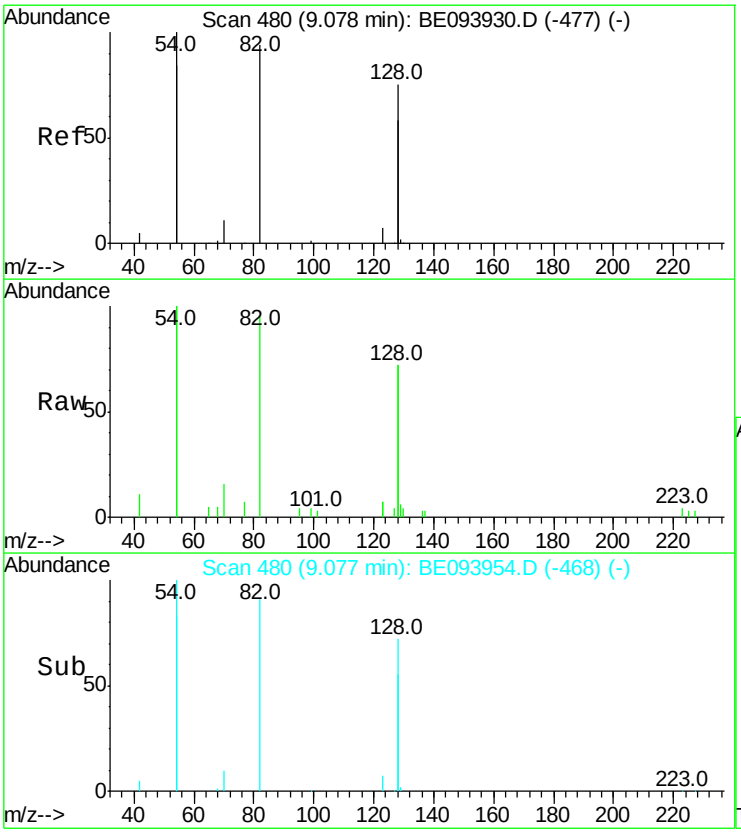
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.70 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 10012

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	44.3	21.9	32.9#
68	8.6	4.6	7.0#

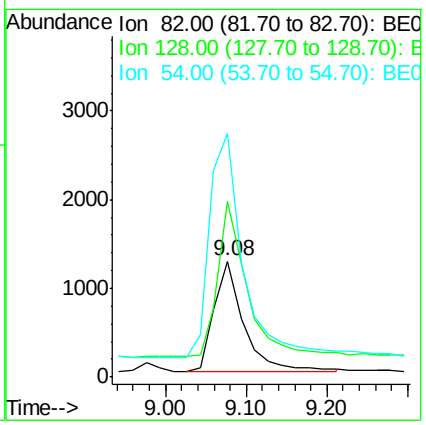


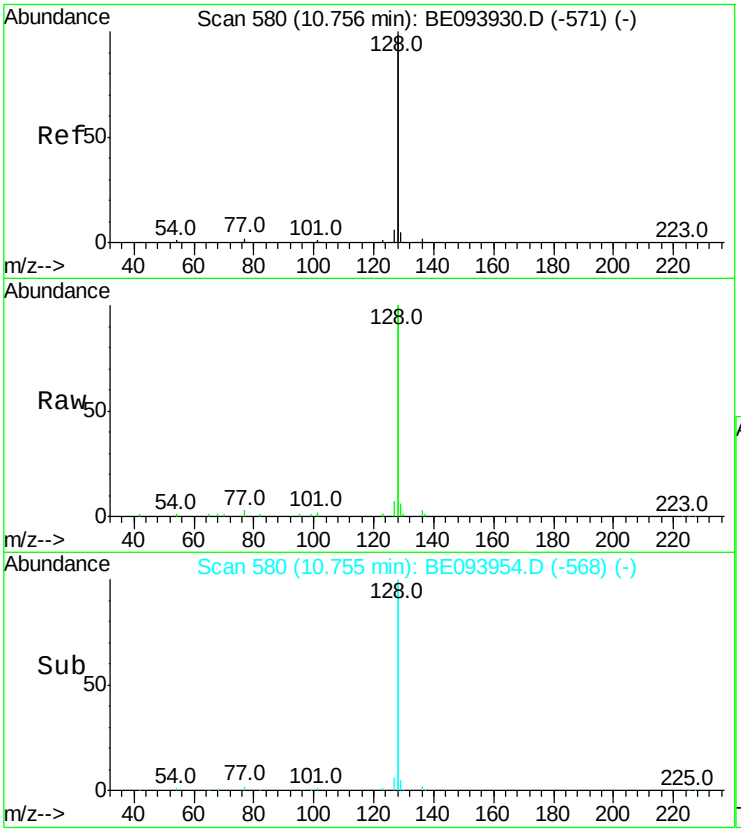


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion: 82 Resp: 3242

Ion	Ratio	Lower	Upper
82	100		
128	151.7	91.4	137.0#
54	209.8	197.8	296.8



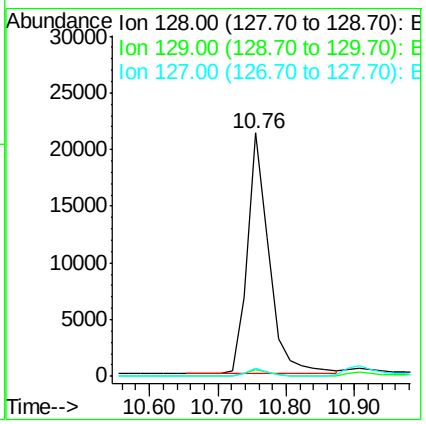


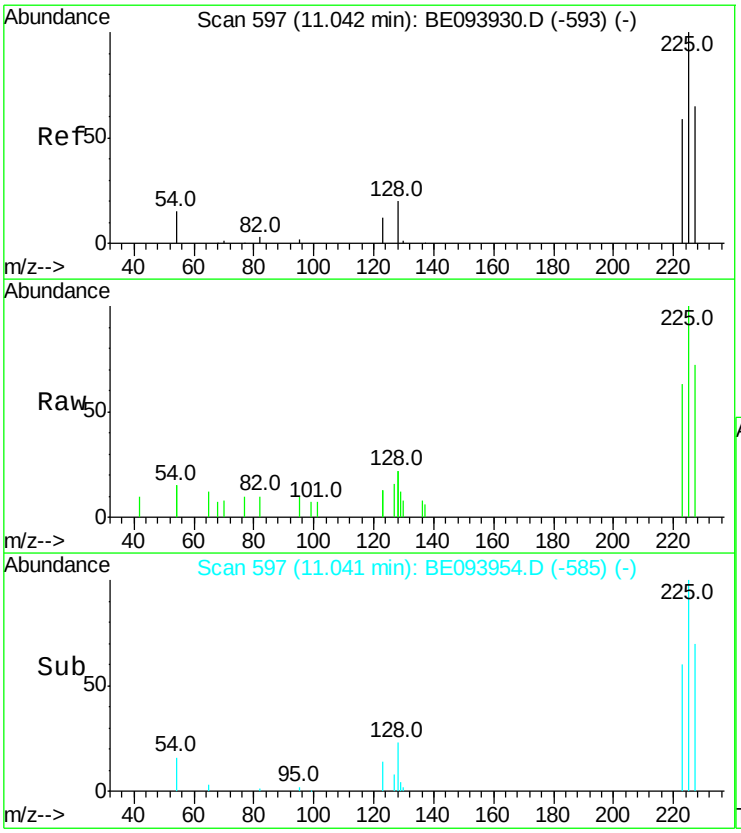
#9
Naphthalene
Concen: 0.405 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 46502

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.5	2.6	4.0

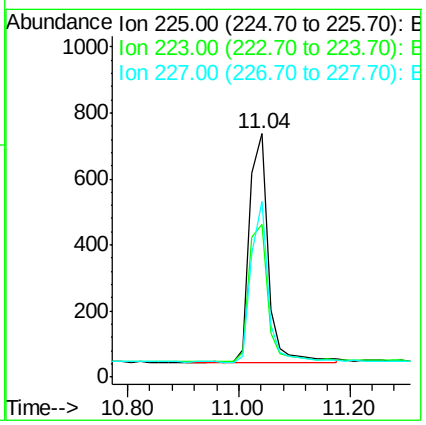


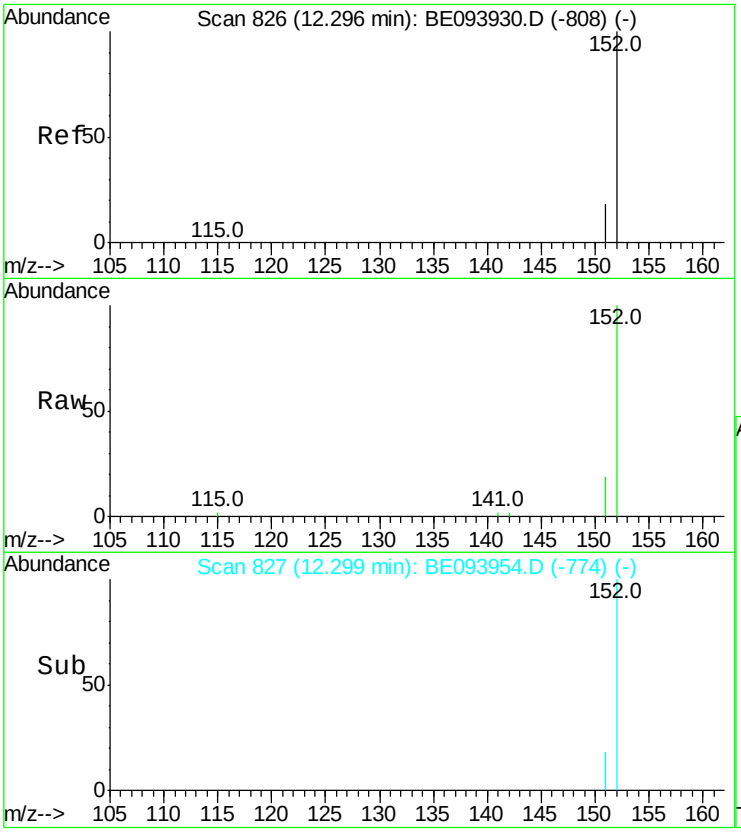


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:225 Resp: 1620

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.0
227	64.4	50.5	75.7



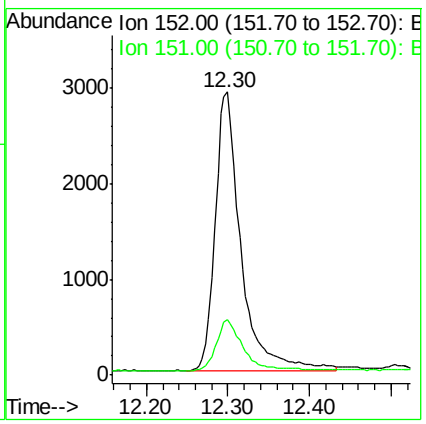


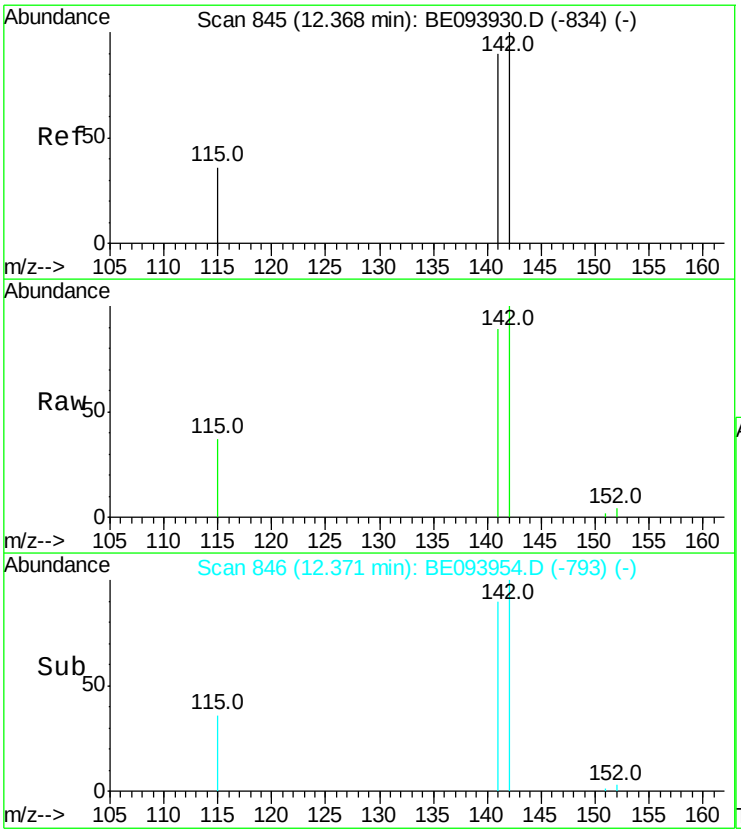
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6356

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

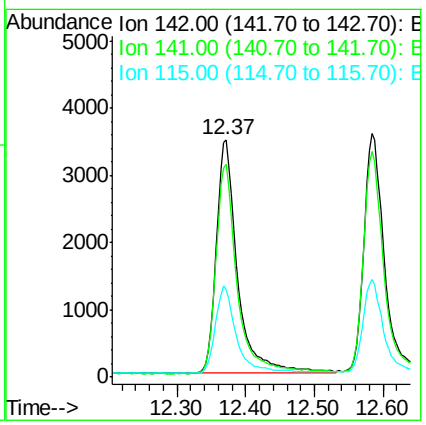


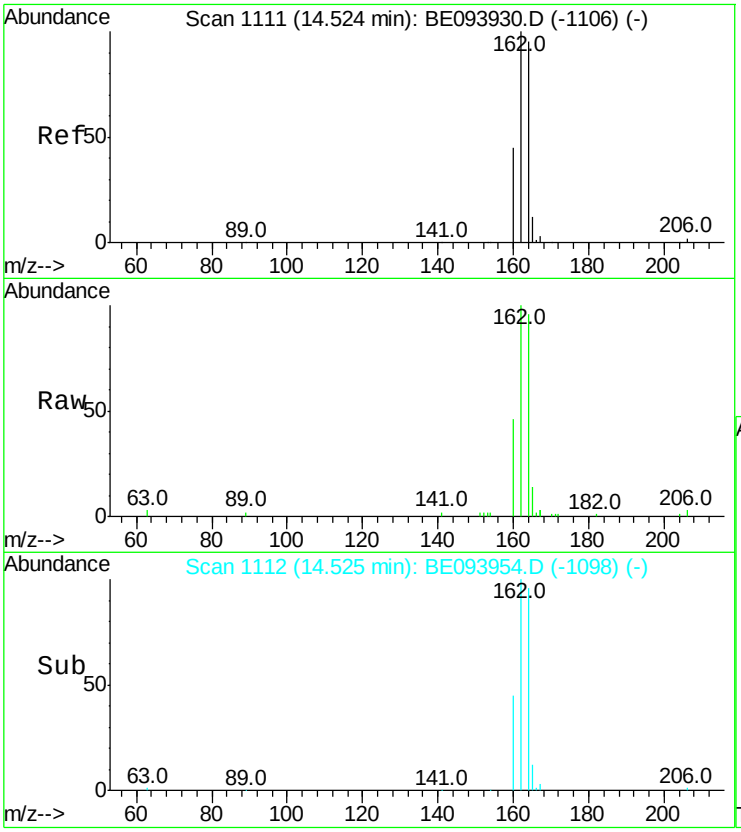


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.37 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:142 Resp: 7585

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	36.8	29.4	44.0



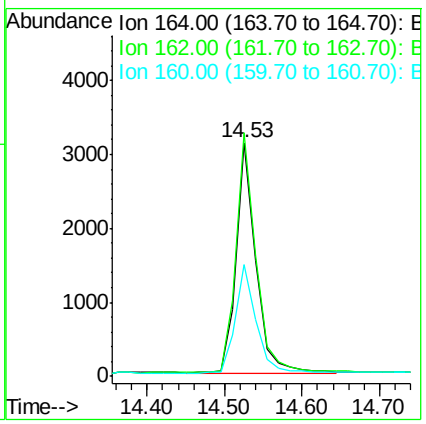


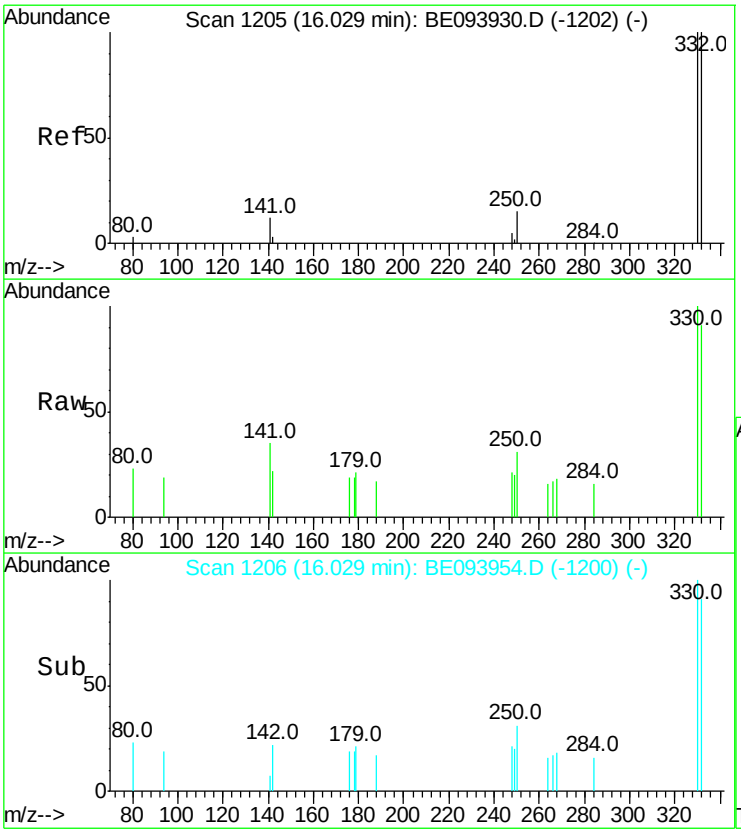
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5482

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.8	121.2
160	48.0	37.0	55.4

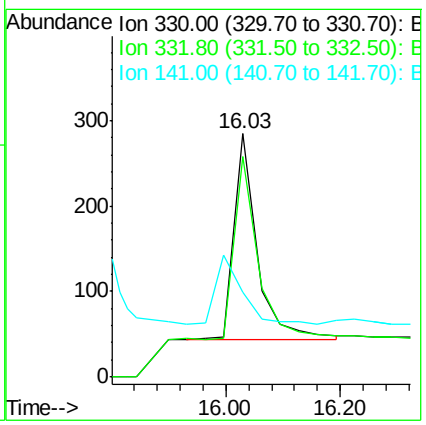


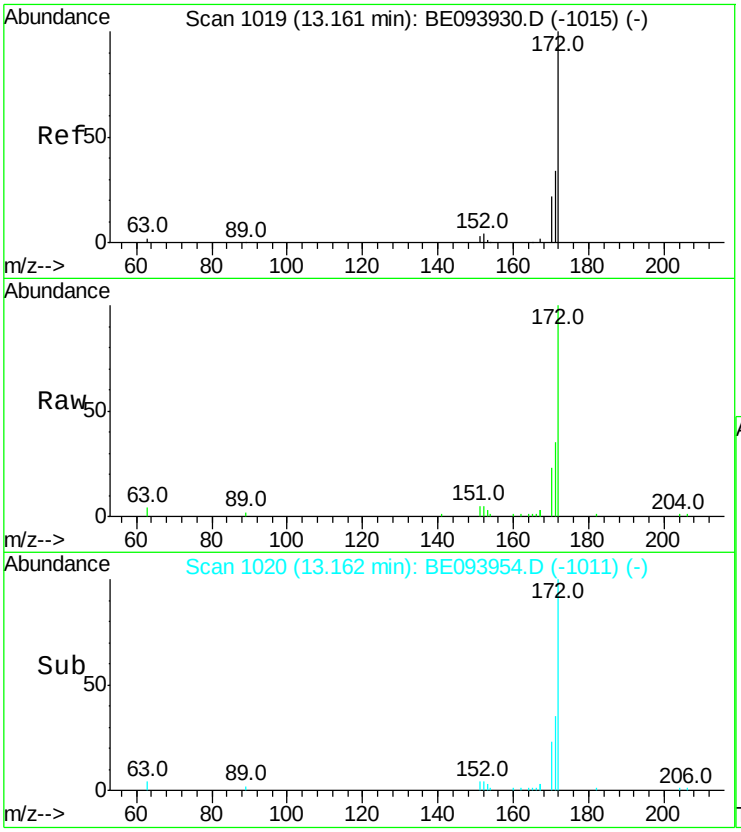


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:330 Resp: 661

Ion	Ratio	Lower	Upper
330	100		
332	92.0	76.9	115.3
141	0.0	0.0	0.0



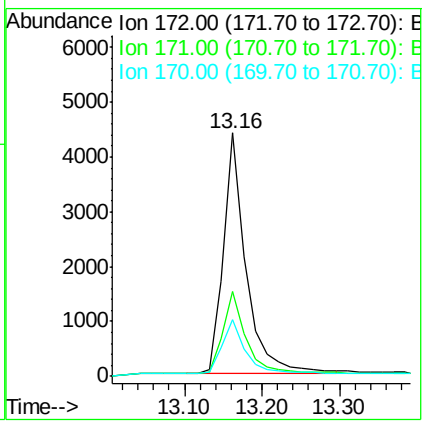


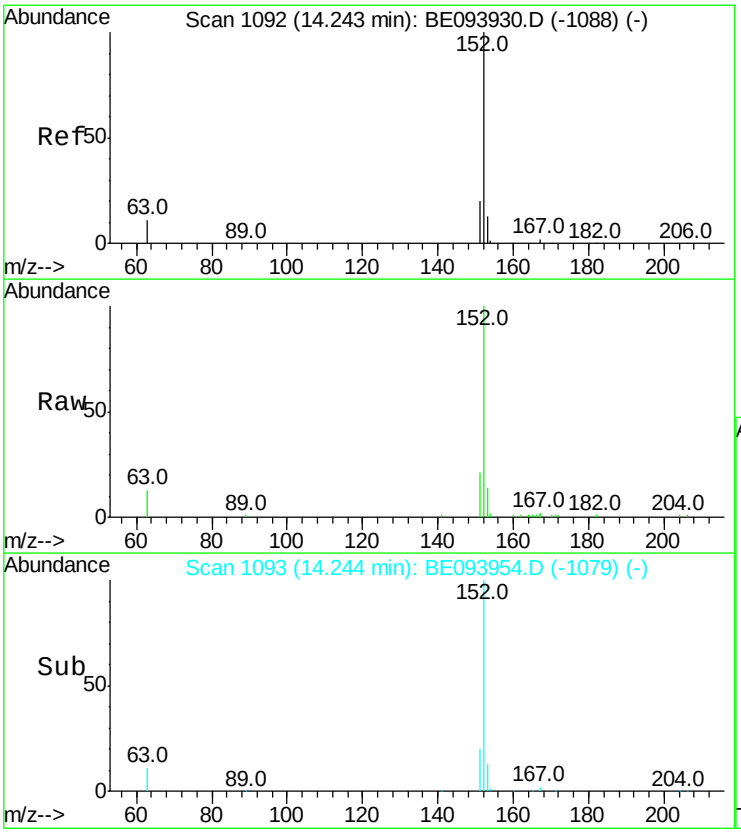
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 8950

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	23.5	17.3	25.9

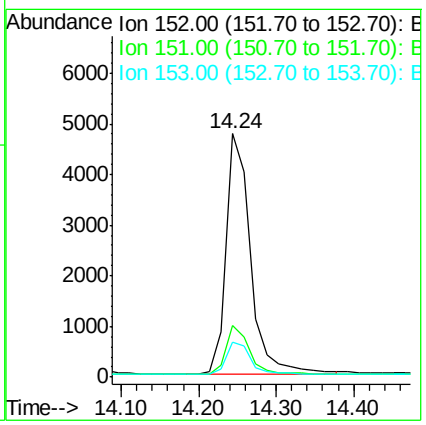


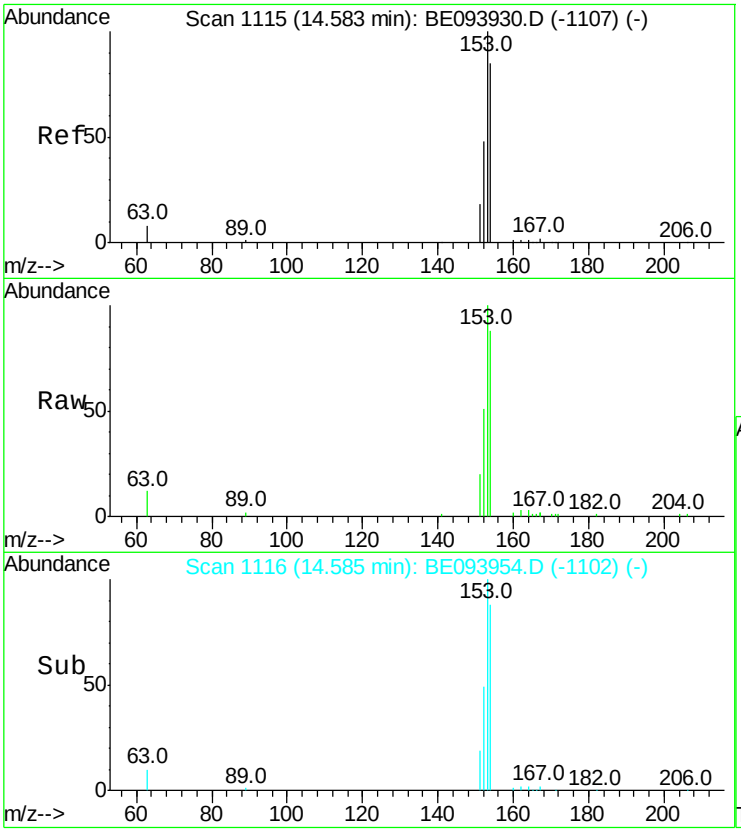


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:152 Resp: 10440

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.5	10.6	16.0



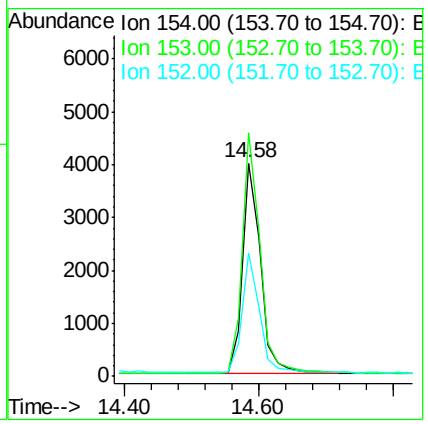


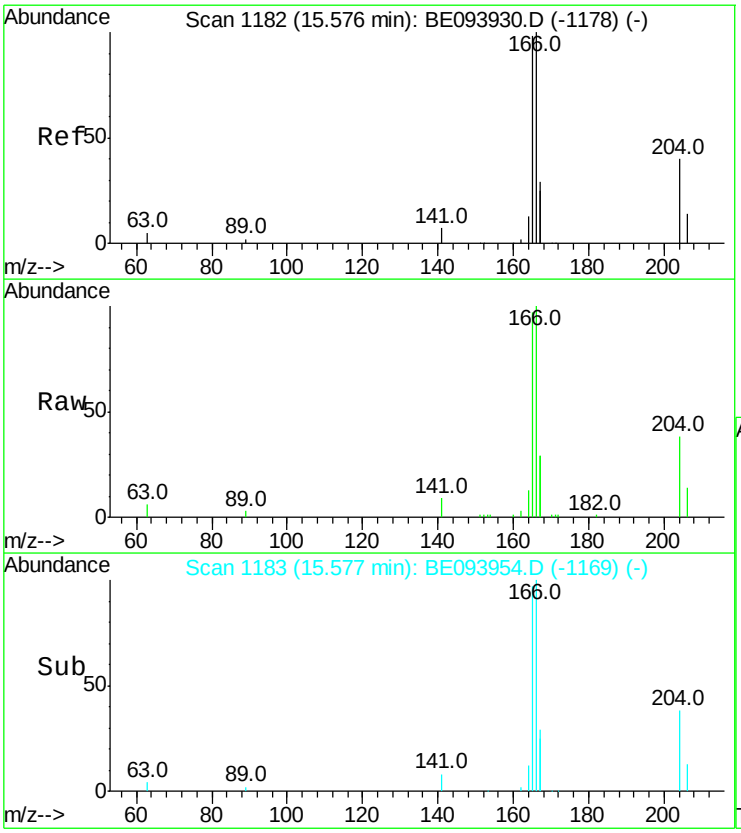
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7497

Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.8	137.6
152	53.8	44.9	67.3

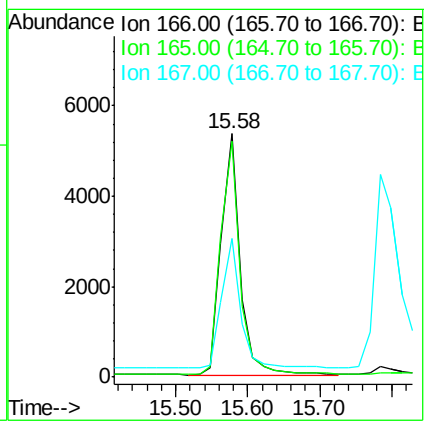


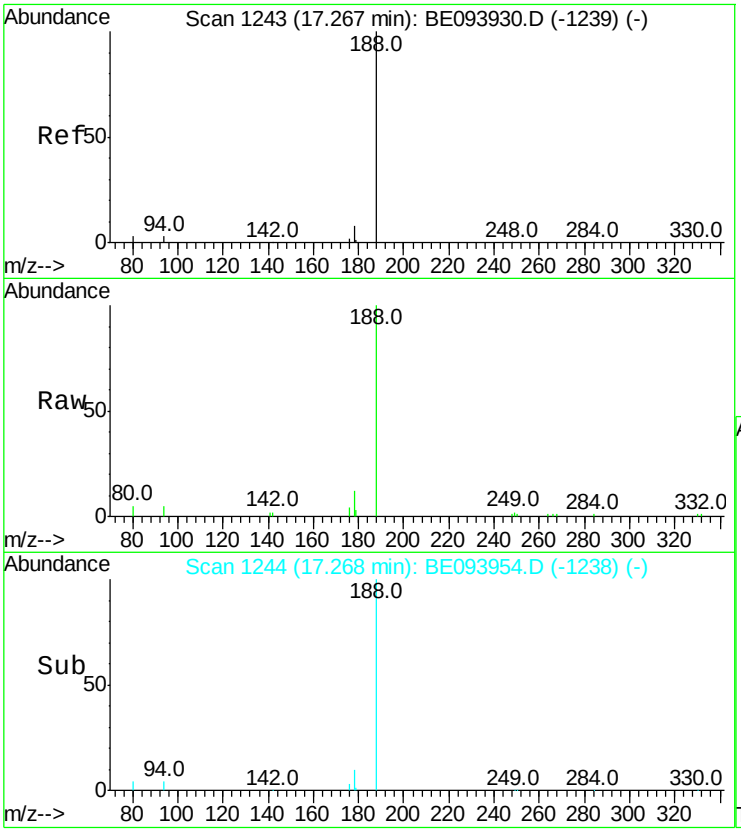


#18
Fluorene
Concen: 0.408 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:166 Resp: 9733

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.4	119.0
167	53.3	43.5	65.3



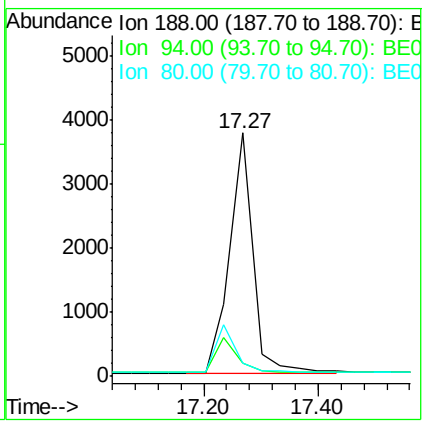


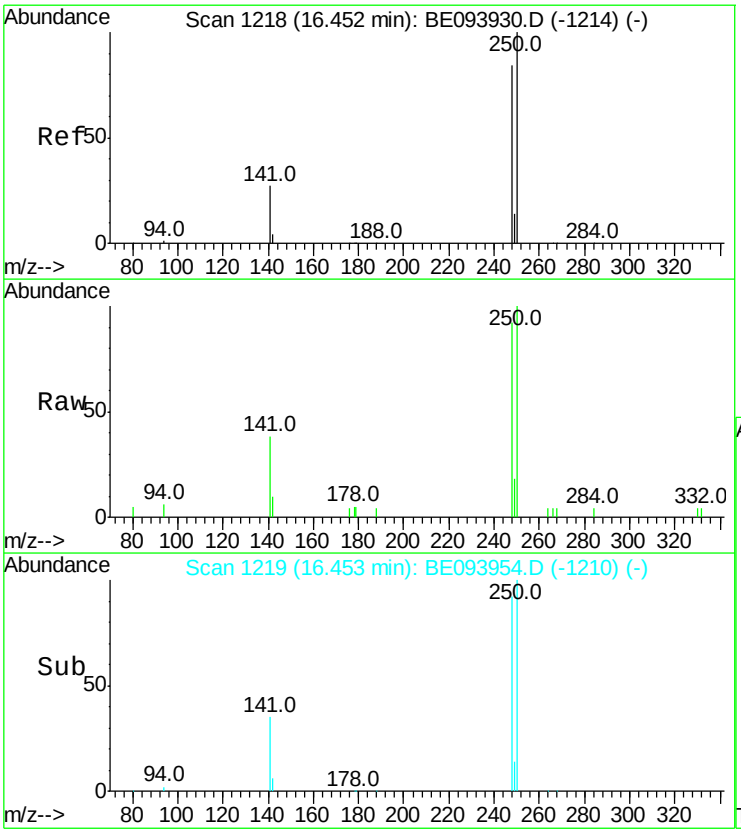
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10518

Ion	Ratio	Lower	Upper
188	100		
94	5.3	16.1	24.1#
80	5.4	18.2	27.2#

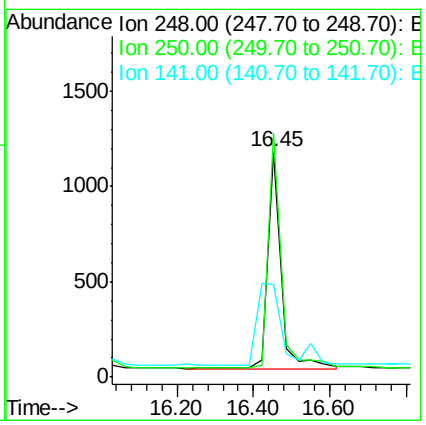


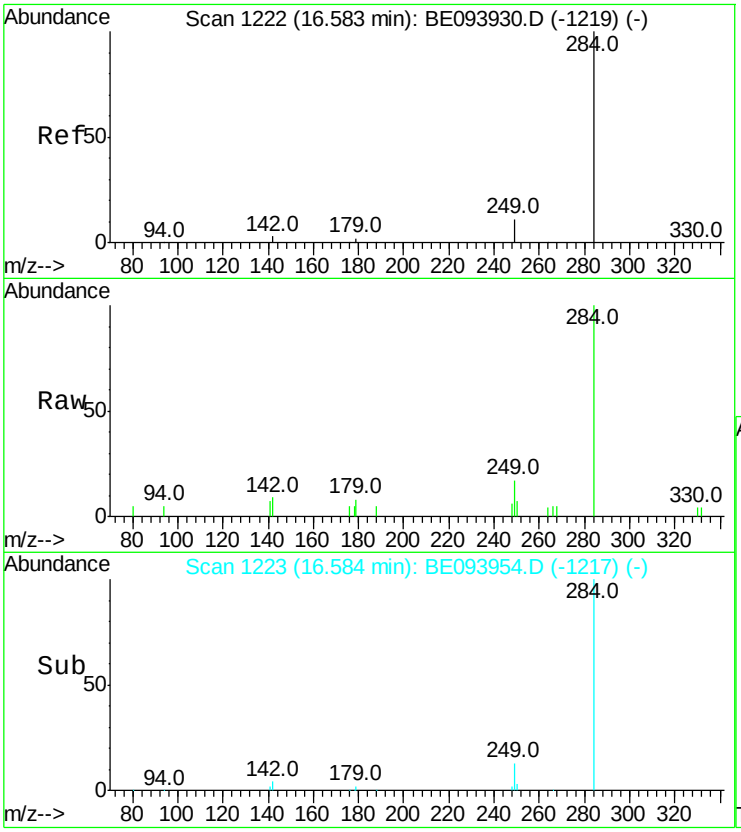


#20
4-Bromophenyl-phenylether
Concen: 0.462 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:248 Resp: 2736

Ion	Ratio	Lower	Upper
248	100		
250	108.2	111.8	167.8#
141	41.4	27.1	40.7#



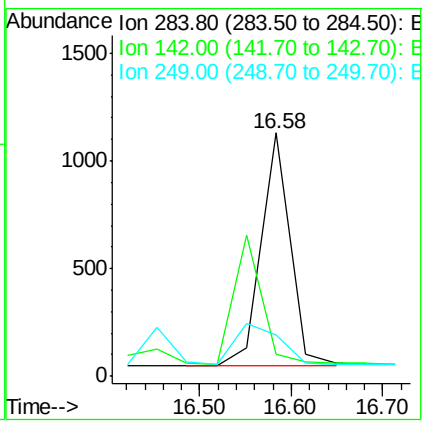


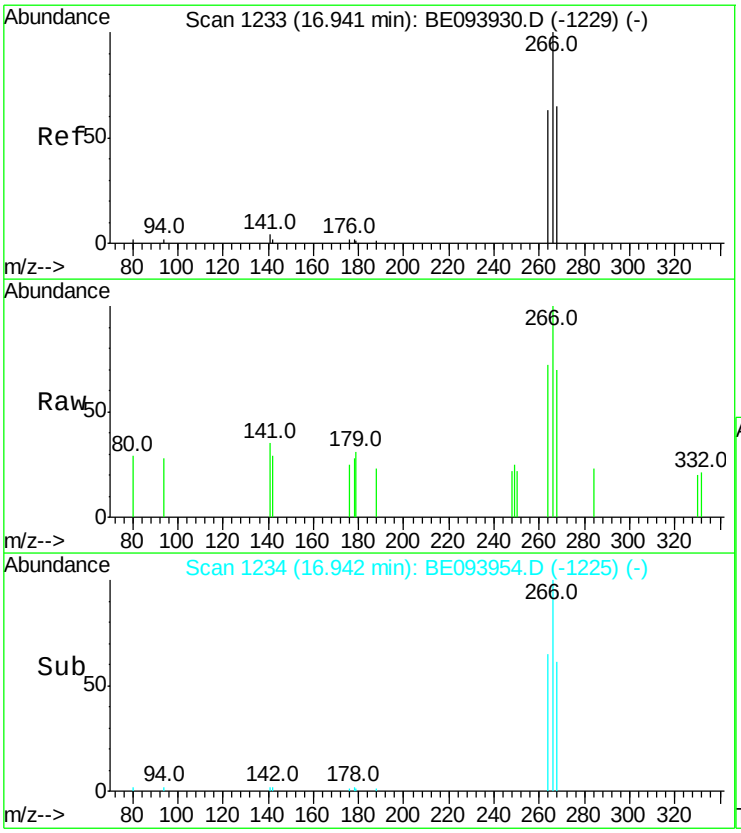
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2413

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

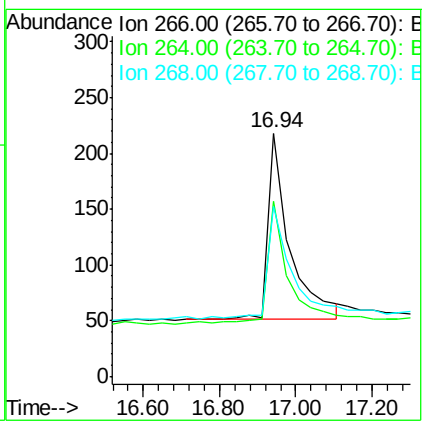


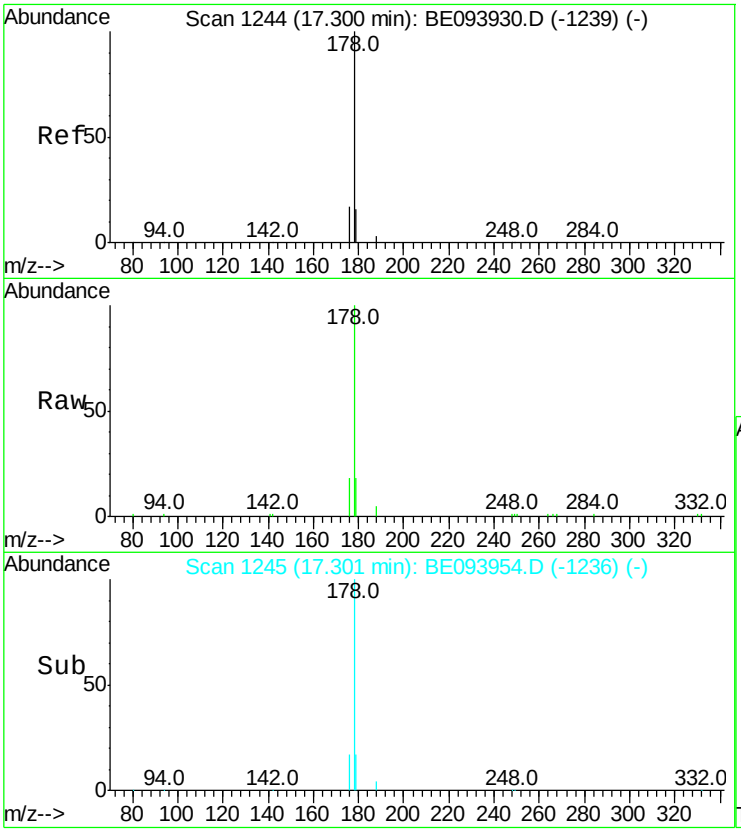


#22
Pentachlorophenol
Concen: 0.402 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:266 Resp: 671

Ion	Ratio	Lower	Upper
266	100		
264	72.0	53.5	80.3
268	70.2	60.0	90.0



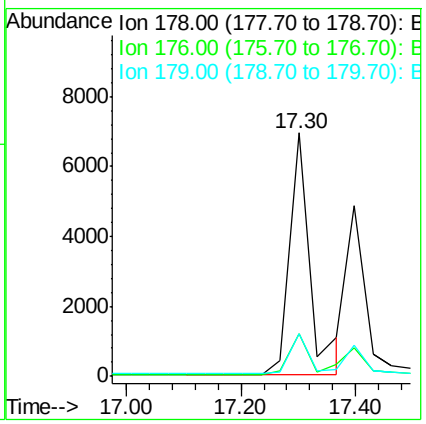


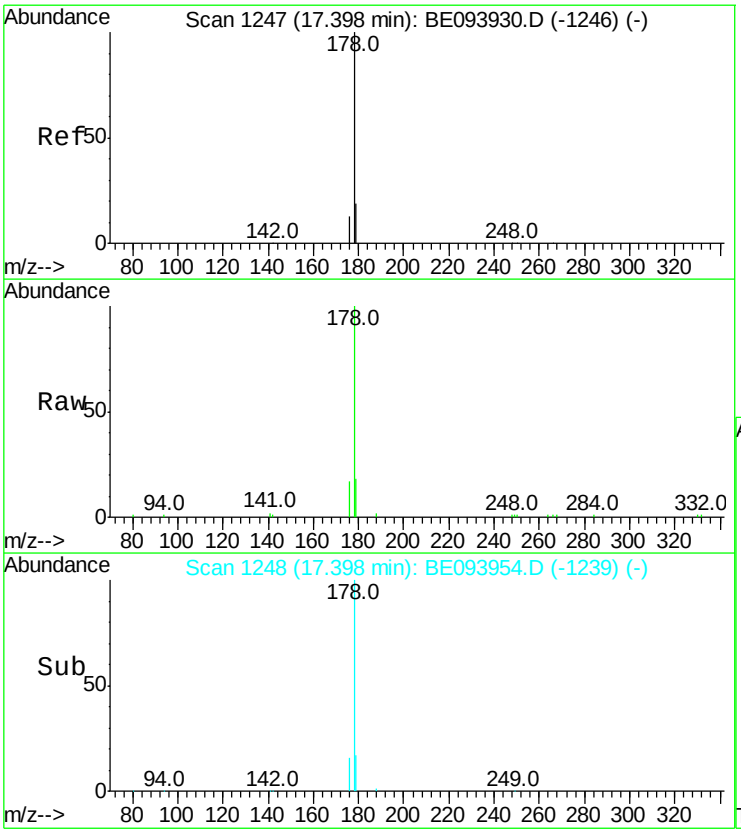
#23
Phenanthrene
Concen: 0.530 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17249

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	16.0	12.6	18.8

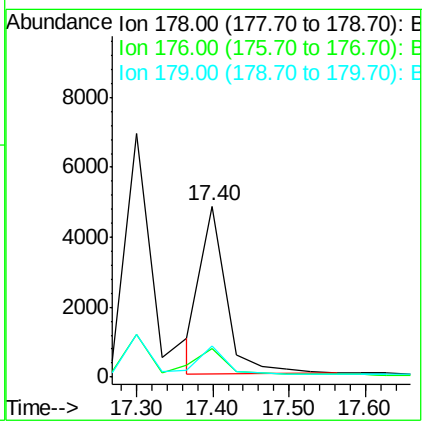


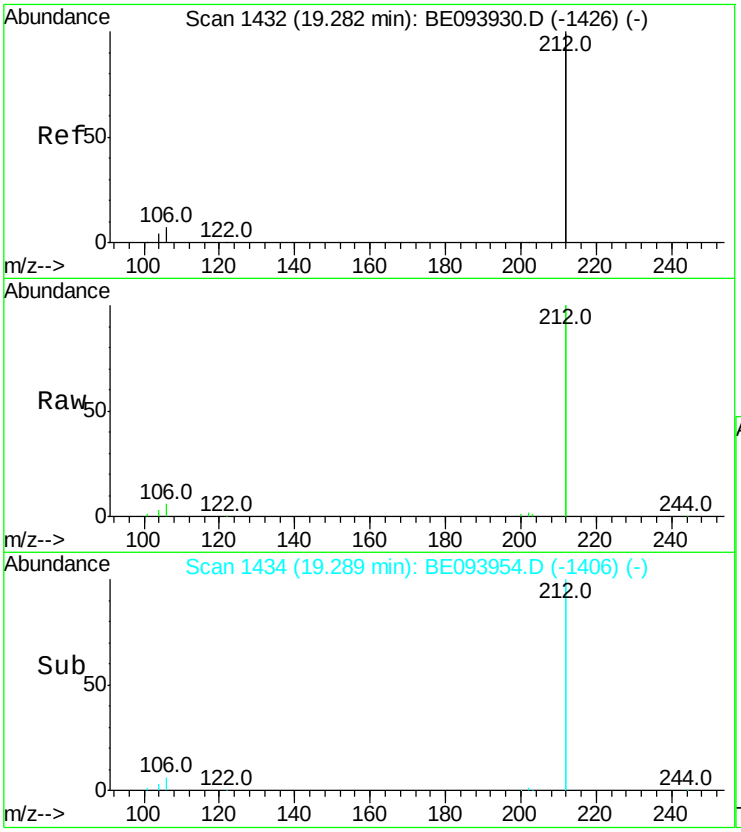


#24
Anthracene
Concen: 0.346 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:178 Resp: 11086

Ion	Ratio	Lower	Upper
178	100		
176	16.1	16.0	24.0
179	16.9	0.0	0.0#



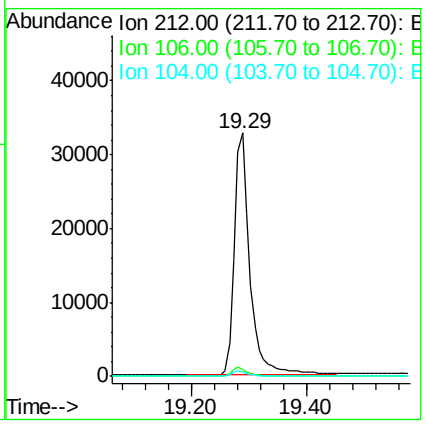


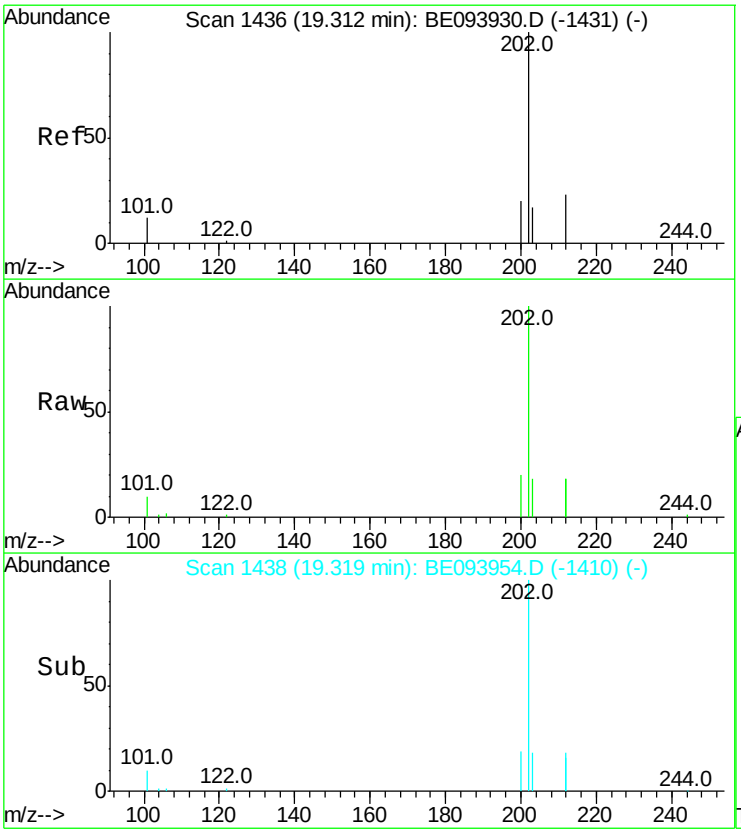
#25
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 61150

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

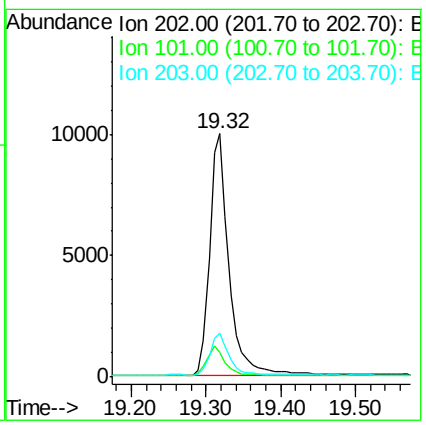


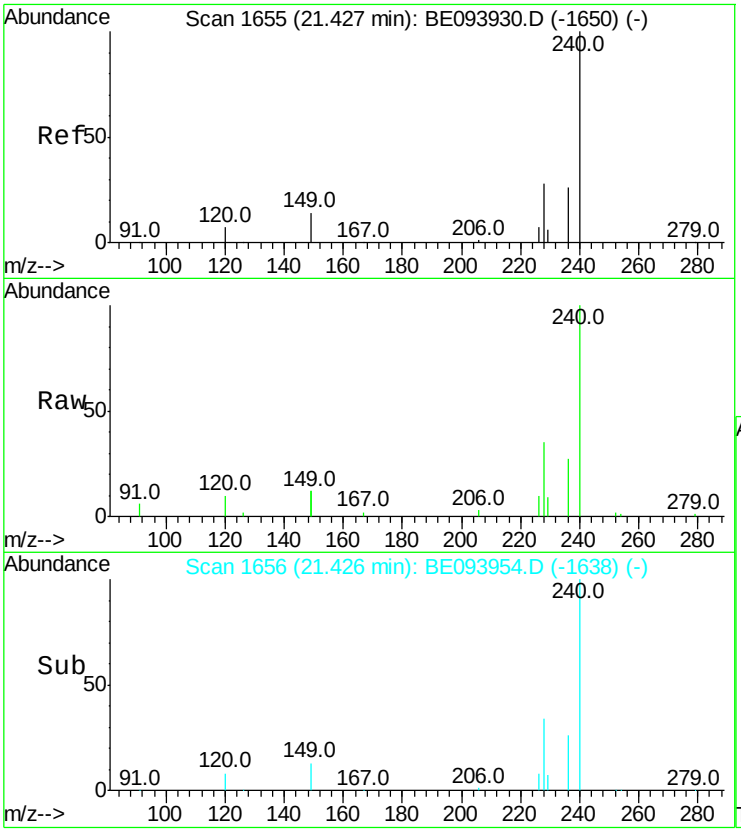


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:202 Resp: 18128

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.1	13.7	20.5



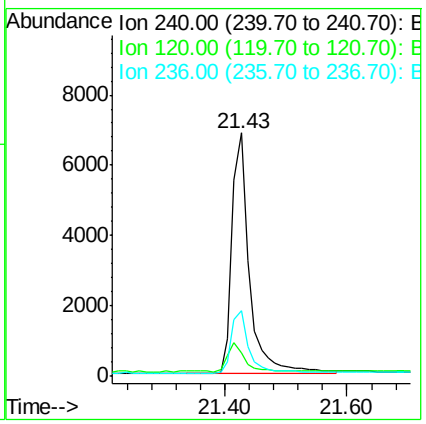


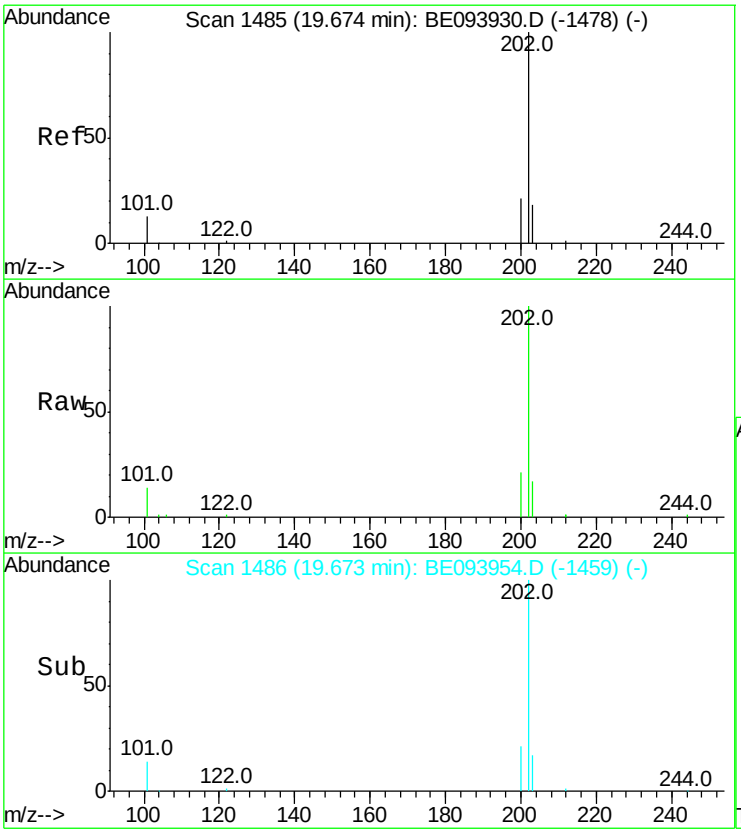
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13517

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.7	13.1
236	26.8	21.3	31.9

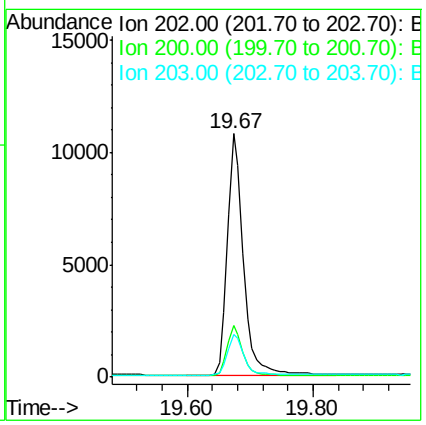


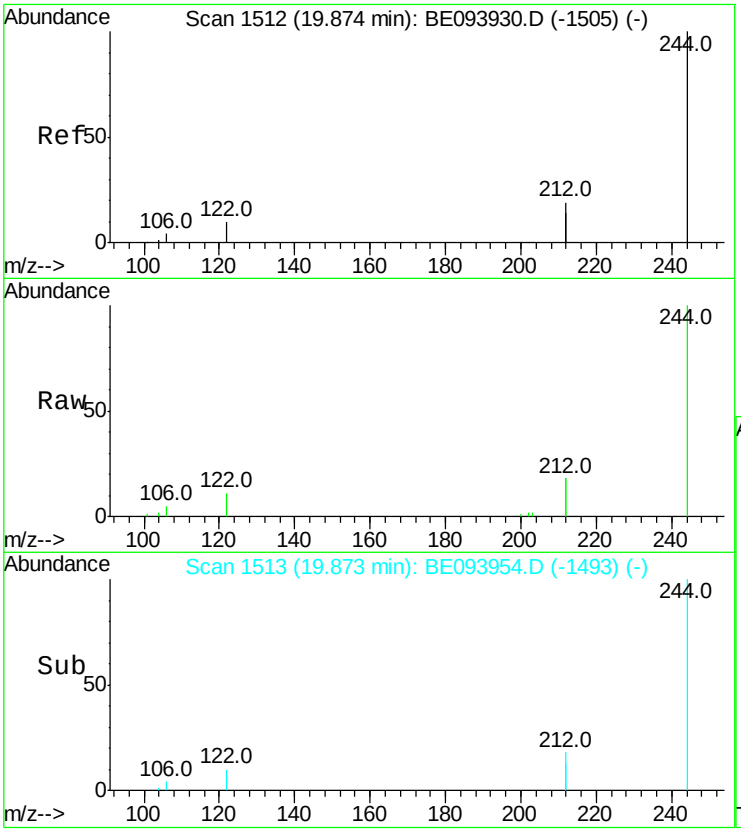


#28
Pyrene
Concen: 0.409 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:202 Resp: 19012

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.6	14.2	21.4



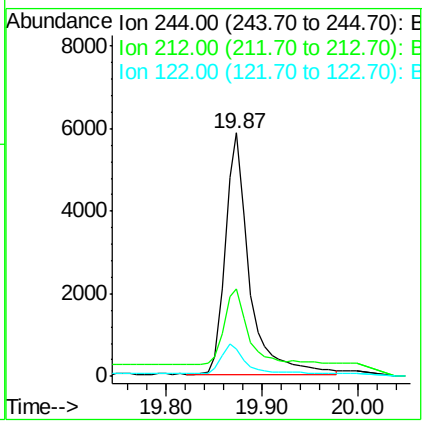


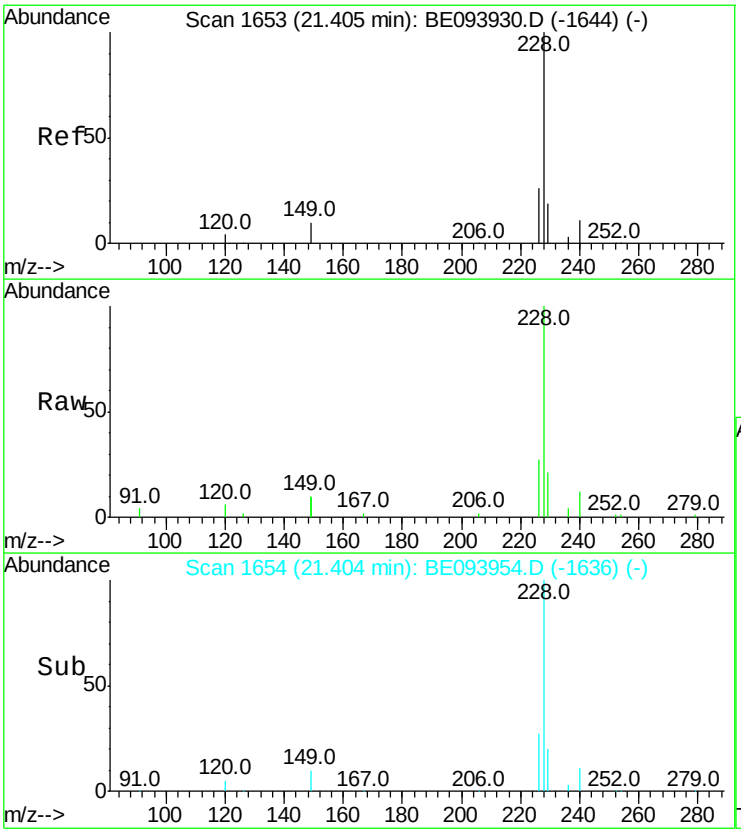
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10056

Ion	Ratio	Lower	Upper
244	100		
212	35.7	28.3	42.5
122	11.4	9.4	14.0

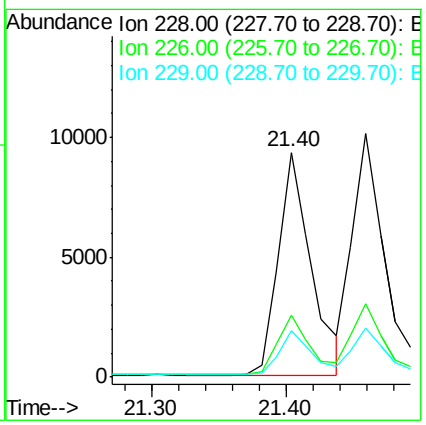


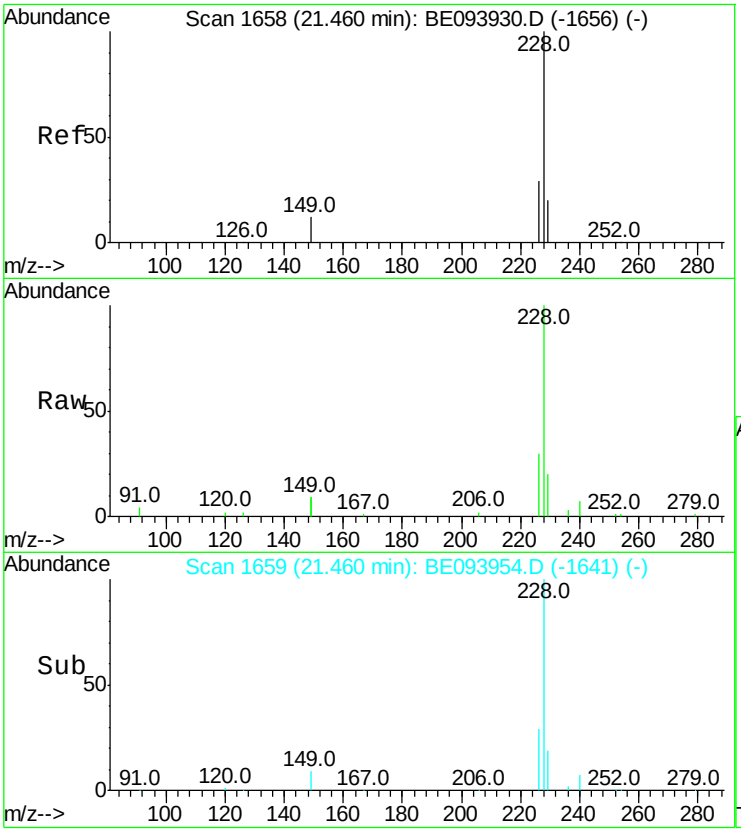


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:228 Resp: 15836

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.8	31.2
229	20.6	16.6	25.0



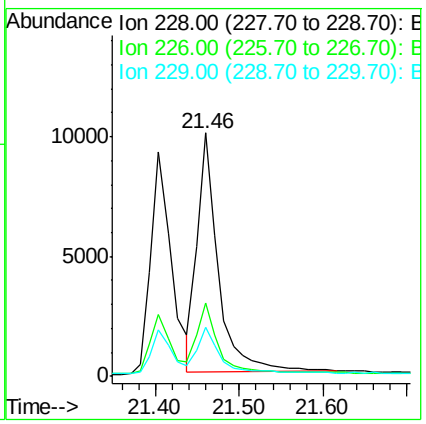


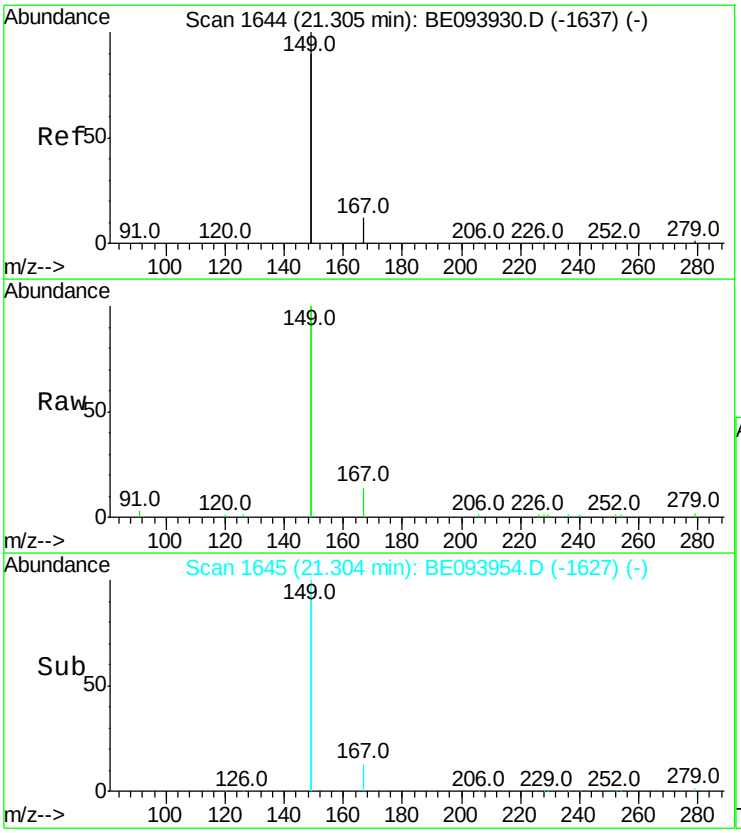
#31
Chrysene
Concen: 0.403 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17692

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	20.4	15.8	23.8

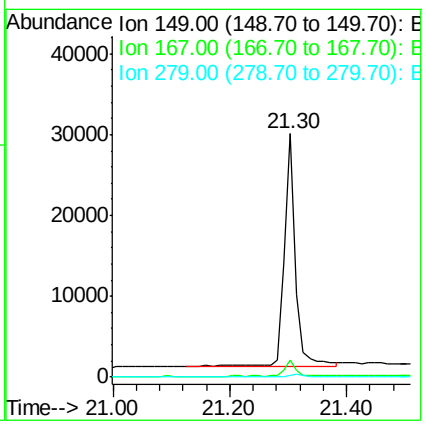


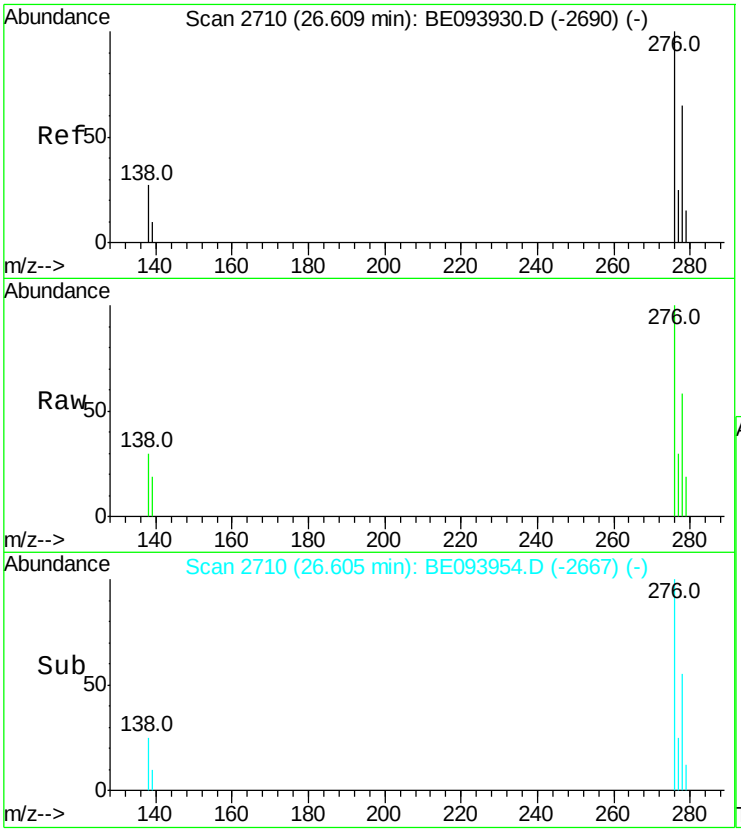


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:149 Resp: 37996

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



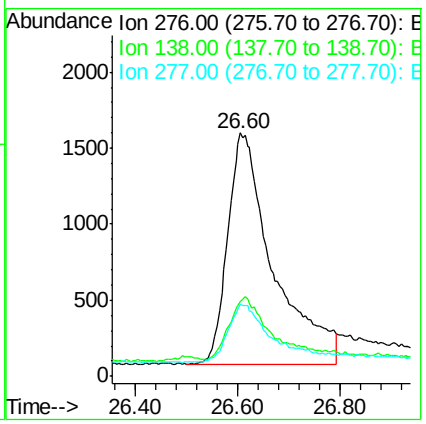


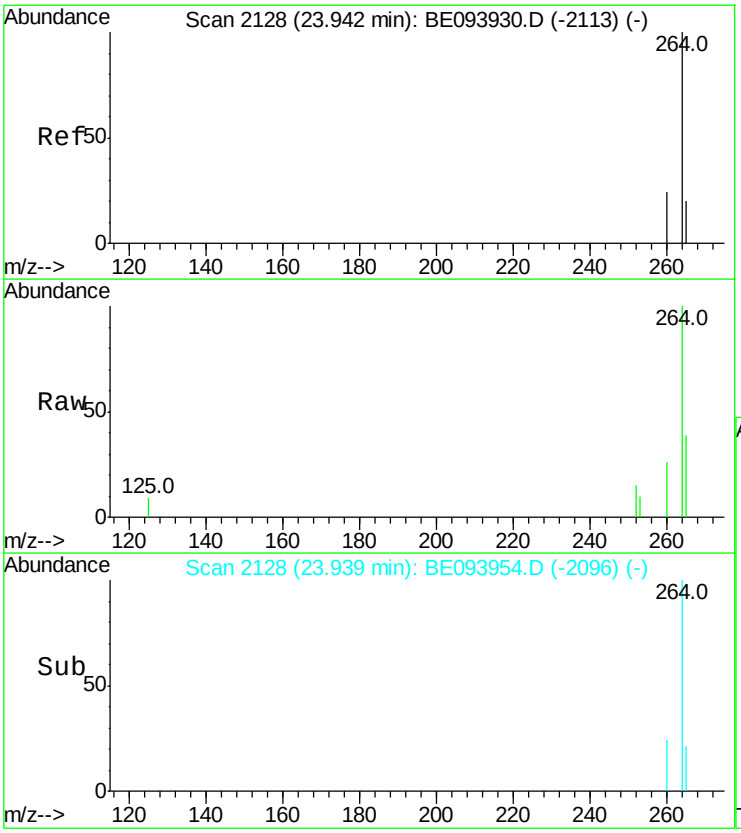
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9361

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.2	33.2
277	21.3	19.5	29.3

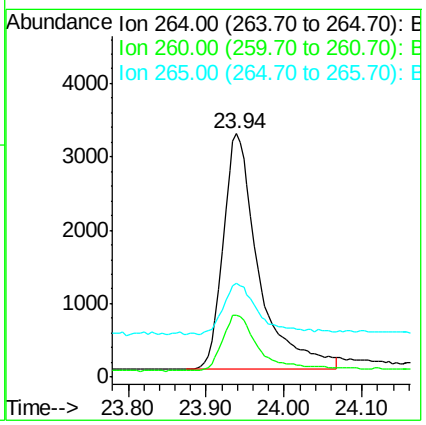


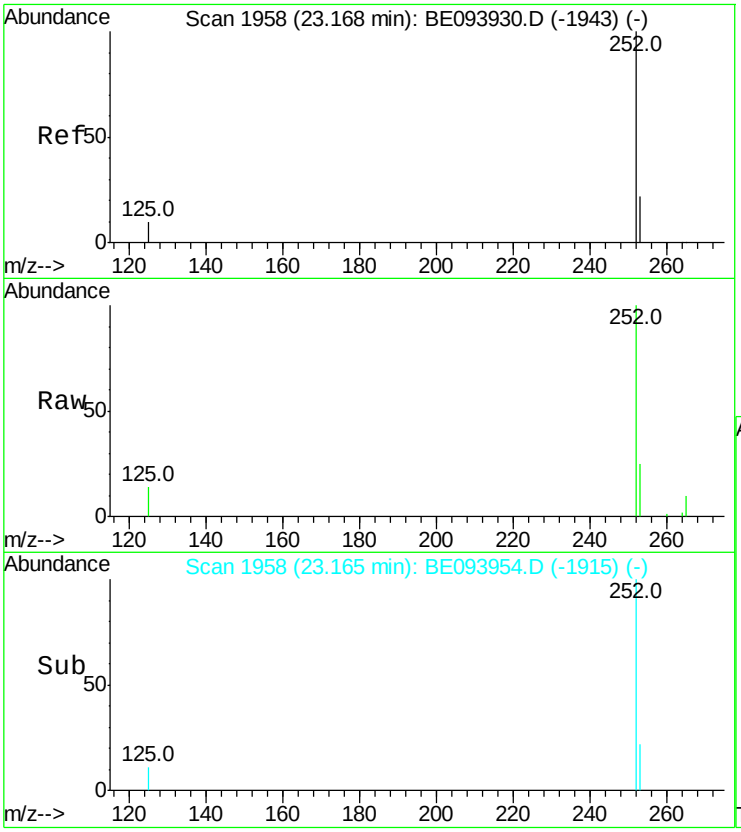


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:264 Resp: 10171

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	38.6	24.0	36.0#



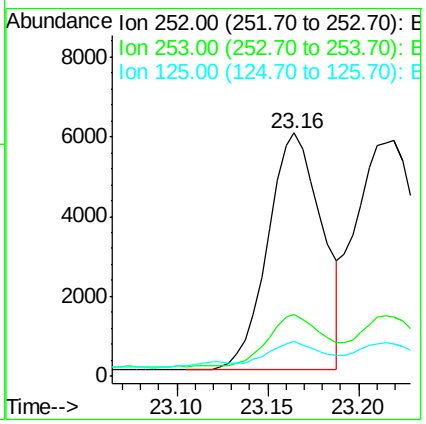


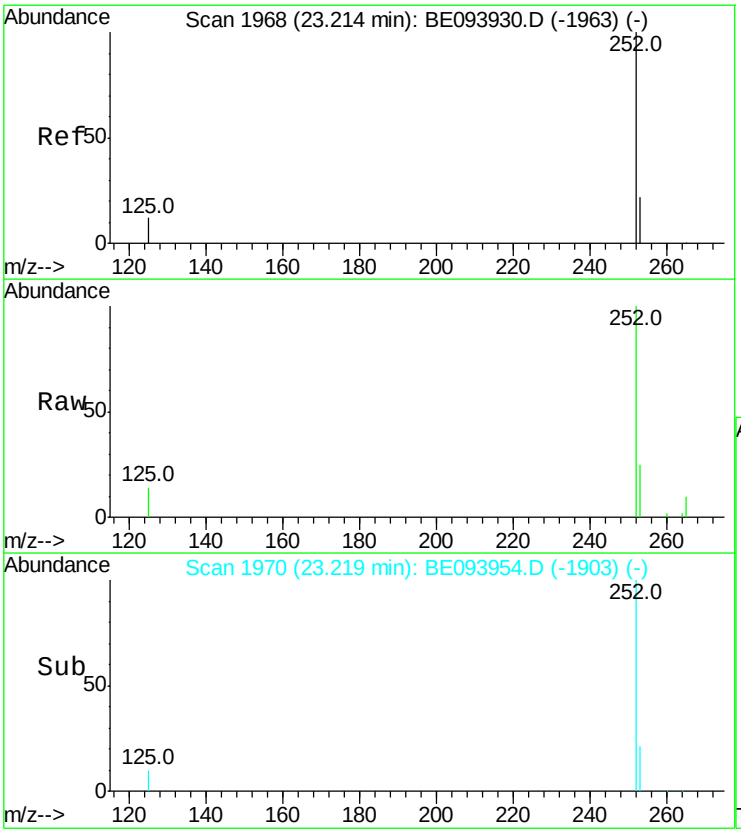
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12297

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.4	29.0
125	14.3	10.0	15.0

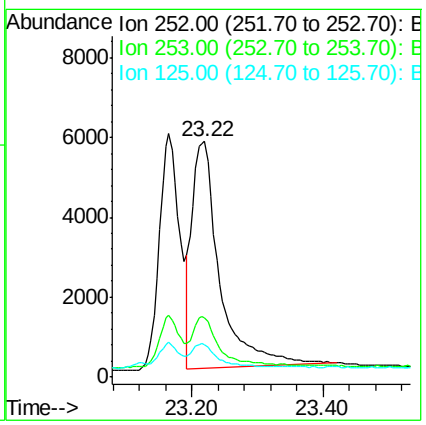


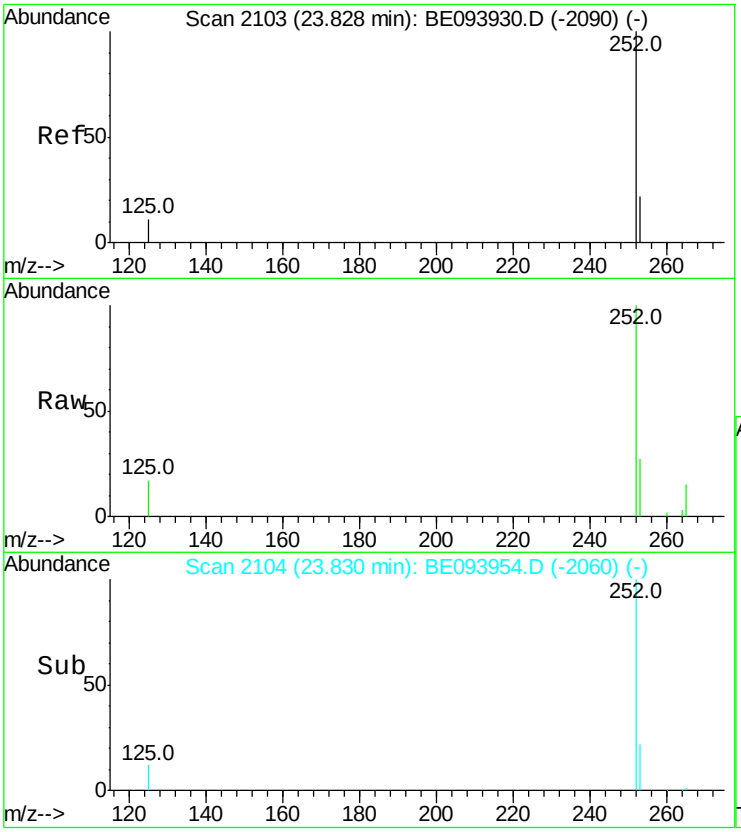


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 23.22 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:252 Resp: 16588

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	13.8	9.8	14.6



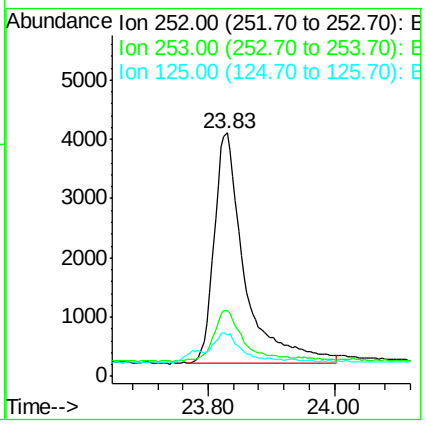


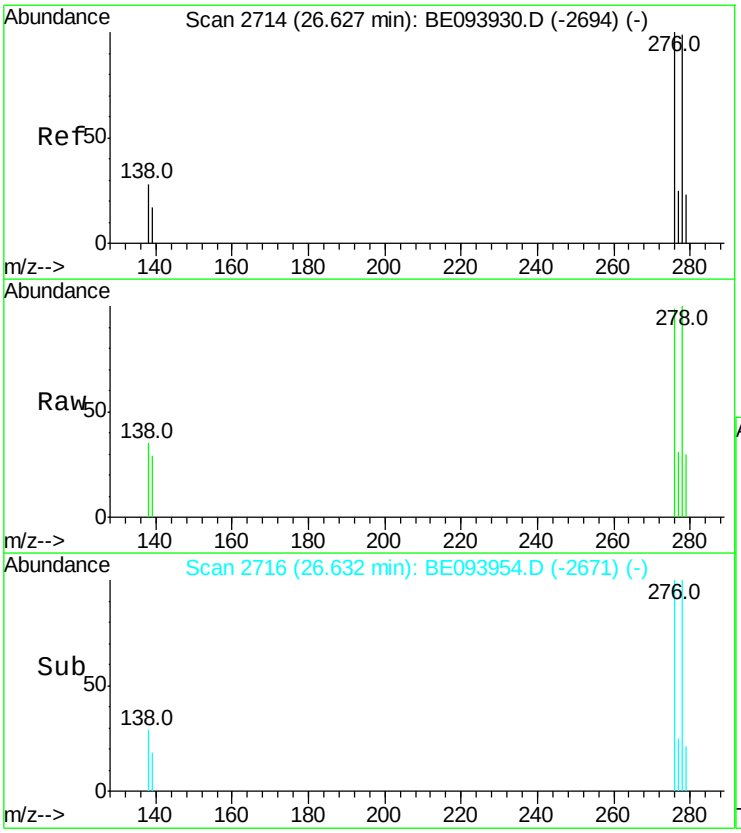
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12978

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.6	29.4
125	17.0	11.8	17.8

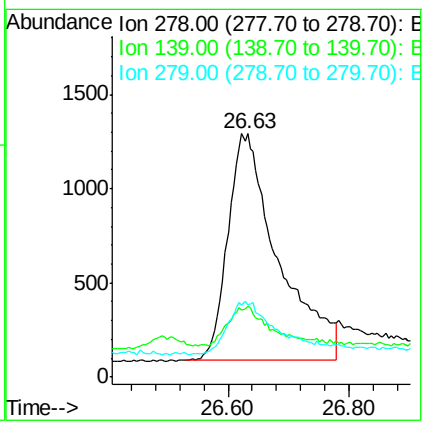


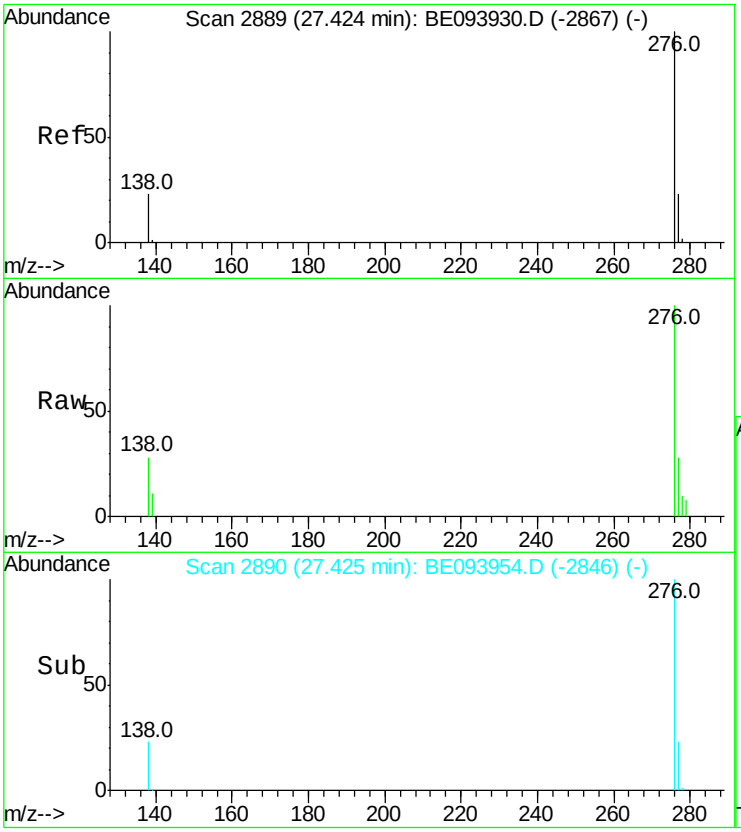


#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Tgt Ion:278 Resp: 6968

Ion	Ratio	Lower	Upper
278	100		
139	29.0	16.7	25.1#
279	29.7	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 27.43 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BE093954.D
Acq: 11 Sep 2017 9:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8216

Ion	Ratio	Lower	Upper
276	100		
277	28.4	20.6	30.8
138	28.1	21.9	32.9