Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094077.D
Acq On : 23 Sep 2017 14:30
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 23 15:03:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.906	152	580	0.40	ng		0.00
7) Naphthalene-d8	10.689	136	3195	0.40	ng		0.00
13) Acenaphthene-d10	14.511	164	2513	0.40	ng		0.00
19) Phenanthrene-d10	17.236	188	10131	0.40	ng		0.00
27) Chrysene-d12	21.404	240	17262	0.40	ng		0.00
34) Perylene-d12	23.898	264	14675	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.501	112	4006	2.14	ng		0.00
5) Phenol-d6	7.087	99	5222	1.86	ng		0.00
8) Nitrobenzene-d5	9.044	82	4319	1.60	ng		-0.02
11) 2-Methylnaphthalene-d10	12.273	152	8730	1.71	ng		0.00
14) 2,4,6-Tribromophenol	15.997	330	4131	5.31	ng		0.00
15) 2-Fluorobiphenyl	13.133	172	13985	1.41	ng		0.00
25) Fluoranthene-d10	19.259	212	213060	1.41	ng		0.00
29) Terphenyl-d14	19.844	244	39881	1.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	1543	1.93	ng		94
3) n-Nitrosodimethylamine	3.726	42	2022	2.16	ng	#	94
6) bis(2-Chloroethyl)ether	7.327	93	3960	1.72	ng		98
9) Naphthalene	10.739	128	58617	1.60	ng		100
10) Hexachlorobutadiene	11.025	225	1990	1.50	ng		99
12) 2-Methylnaphthalene	12.345	142	10454	1.72	ng		100
16) Acenaphthylene	14.229	152	20088	1.60	ng		100
17) Acenaphthene	14.570	154	12938	1.53	ng		99
18) Fluorene	15.548	166	19425	1.78	ng		100
20) 4-Bromophenyl-phenylether	16.421	248	8797	1.59	ng	#	63
21) Hexachlorobenzene	16.551	284	6593	1.10	ng	#	100
22) Pentachlorophenol	16.910	266	319	0.20	ng	#	85
23) Phenanthrene	17.268	178	58656	1.79	ng	#	98
24) Anthracene	17.366	178	42571	1.38	ng	#	90
26) Fluoranthene	19.289	202	63878	1.41	ng		100
28) Pyrene	19.651	202	70467	1.19	ng		100
30) Benzo(a)anthracene	21.382	228	88718	1.67	ng		99
31) Chrysene	21.438	228	88807	1.58	ng		98
32) Bis(2-ethylhexyl)phtha...	21.293	149	232146	1.80	ng		100
33) Indeno(1,2,3-cd)pyrene	26.536	276	69901	1.87	ng		98
35) Benzo(b)fluoranthene	23.133	252	83402	1.78	ng		97
36) Benzo(k)fluoranthene	23.179	252	85159	1.49	ng		99
37) Benzo(a)pyrene	23.789	252	75302	1.58	ng		95
38) Dibenzo(a,h)anthracene	26.554	278	59748	1.89	ng		94
39) Benzo(g,h,i)perylene	27.352	276	58808	1.77	ng		95

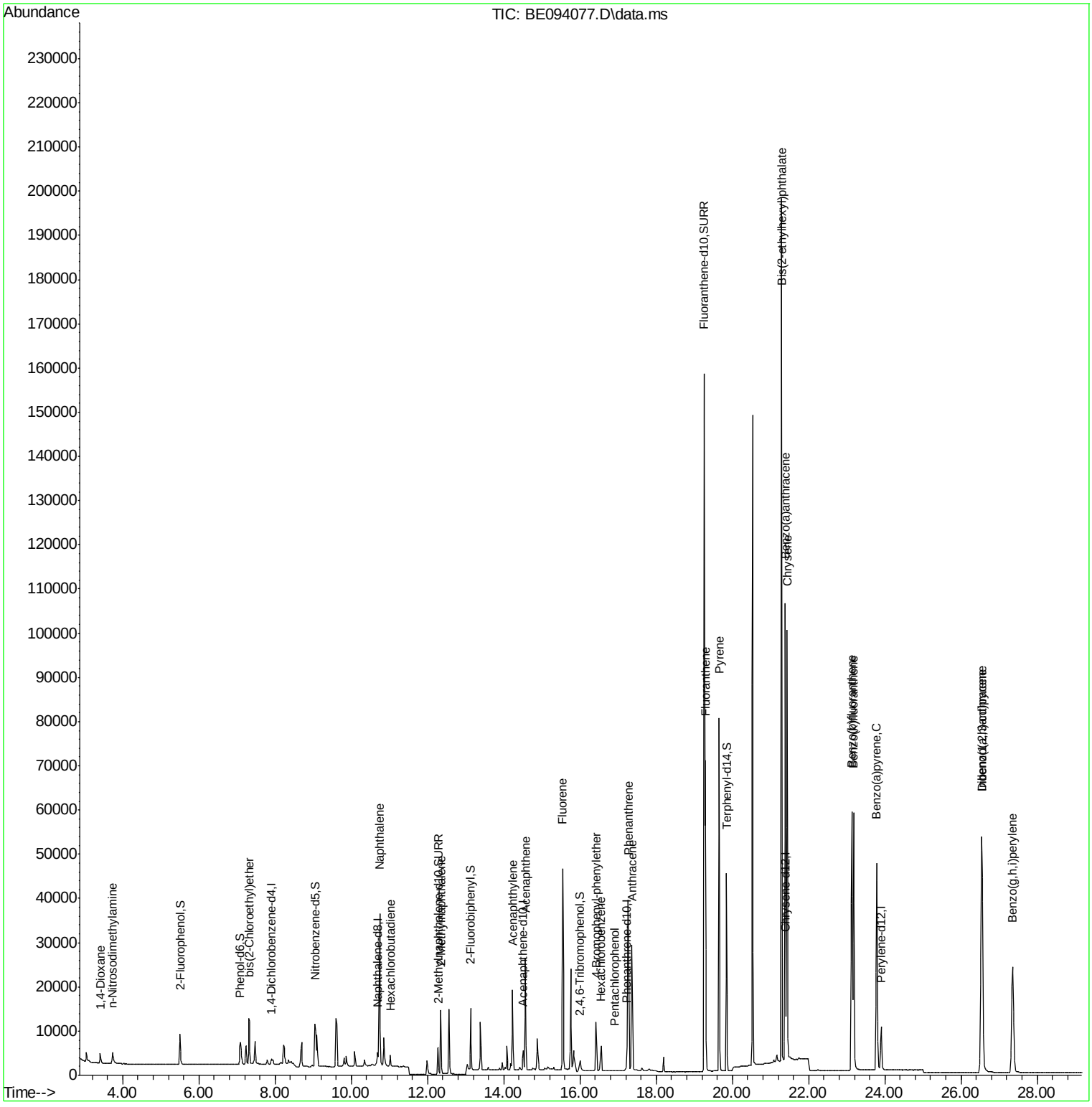
(#) = qualifier out of range (m) = manual integration (+) = signals summed

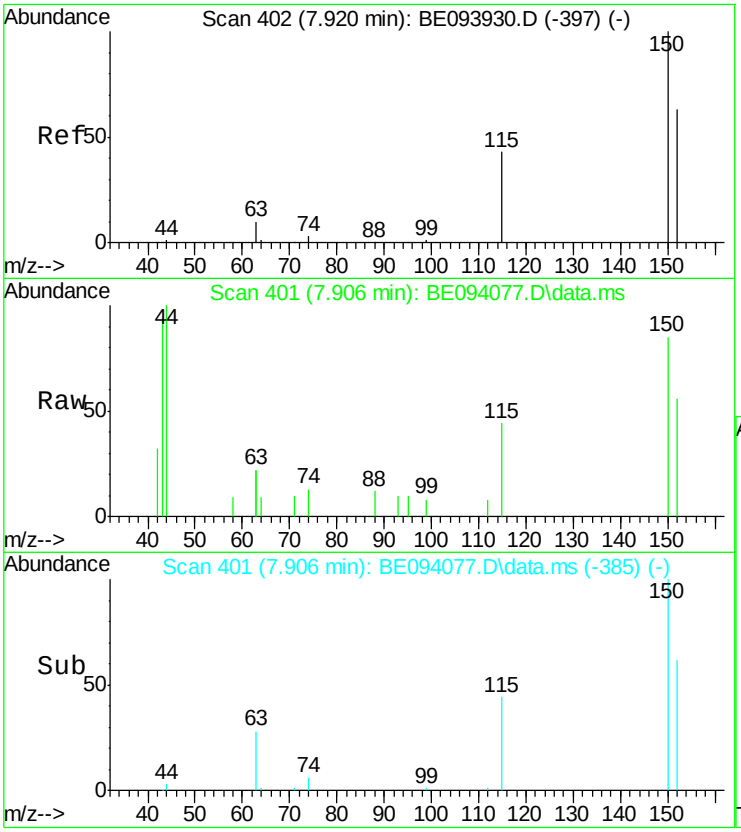
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094077.D
Acq On : 23 Sep 2017 14:30
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 23 15:03:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:59 2017
Response via : Initial Calibration



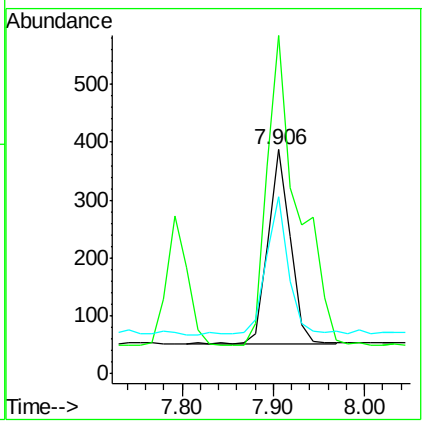


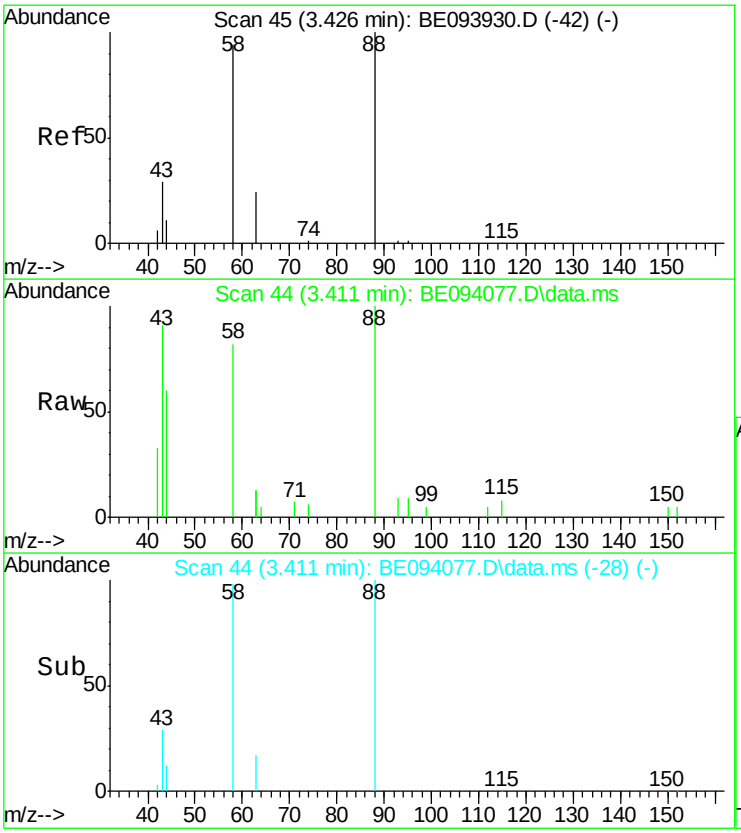
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.906 min Scan# 40
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 580

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.8	182.6
115	79.1	52.6	79.0#

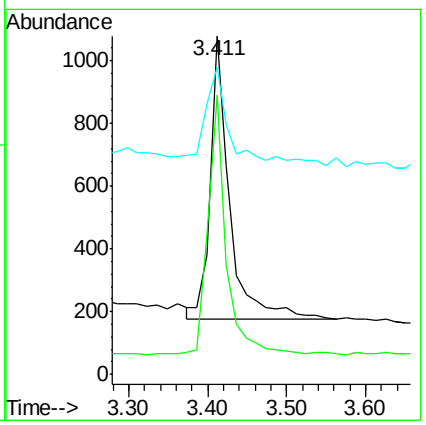


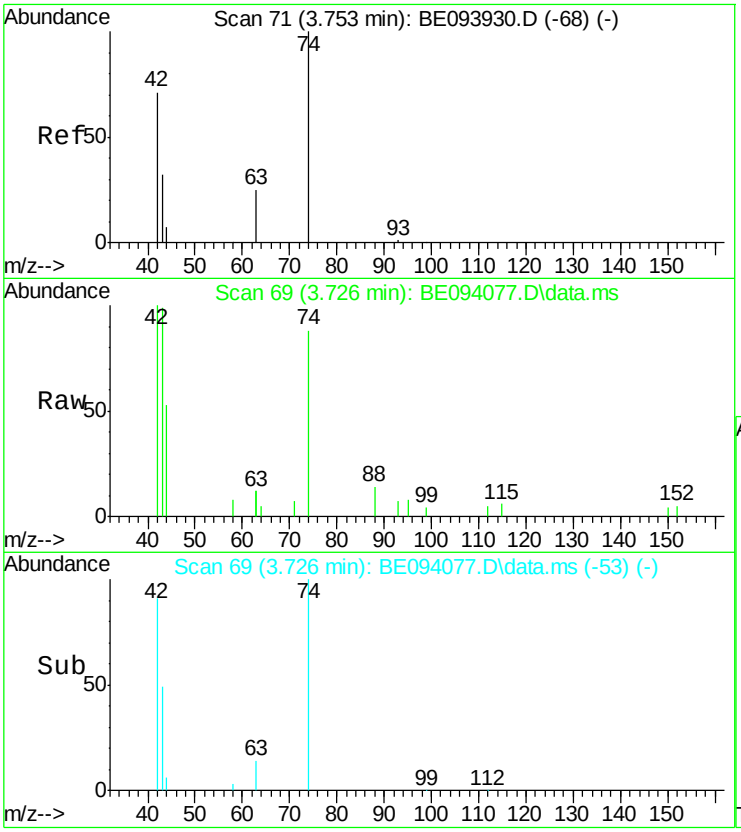


#2
1,4-Dioxane
Concen: 1.93 ng
RT: 3.411 min Scan# 44
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion: 88 Resp: 1543

Ion	Ratio	Lower	Upper
88	100		
58	86.4	65.4	98.0
43	33.4	23.9	35.9



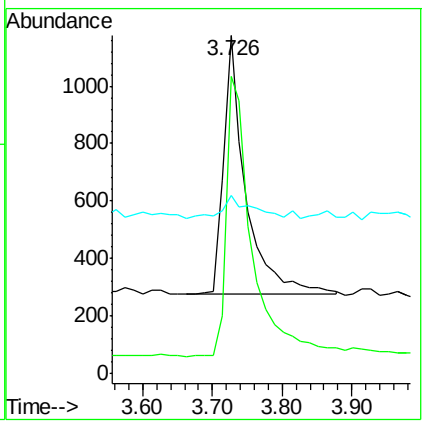


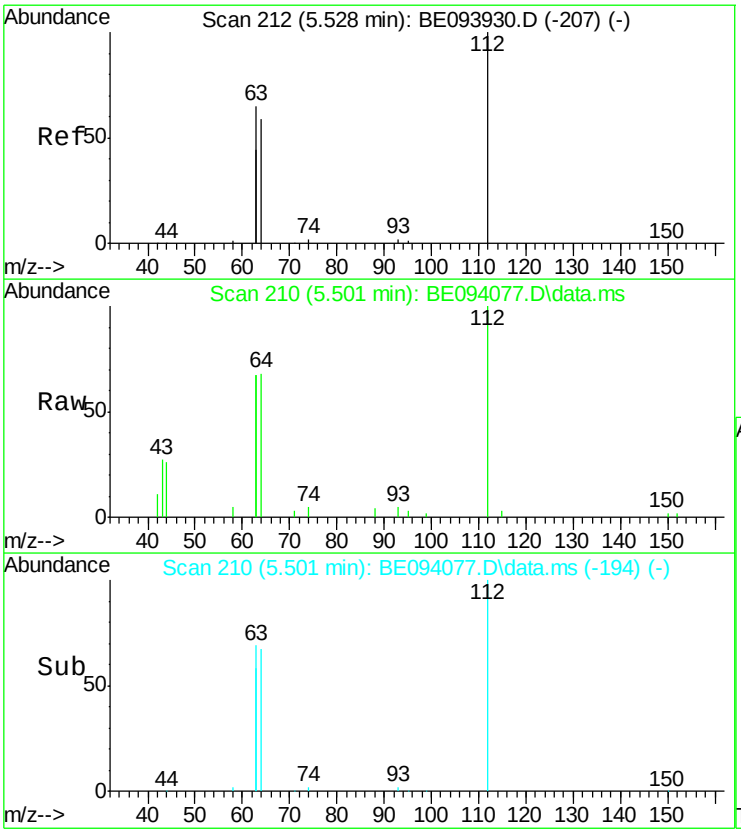
#3
n-Nitrosodimethylamine
Concen: 2.16 ng
RT: 3.726 min Scan# 69
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2022

Ion	Ratio	Lower	Upper
42	100		
74	123.8	104.0	156.0
44	12.0	13.8	20.8#

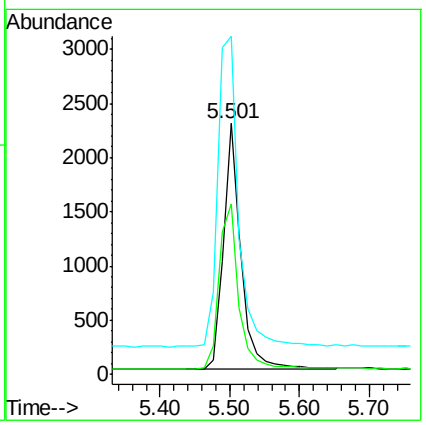


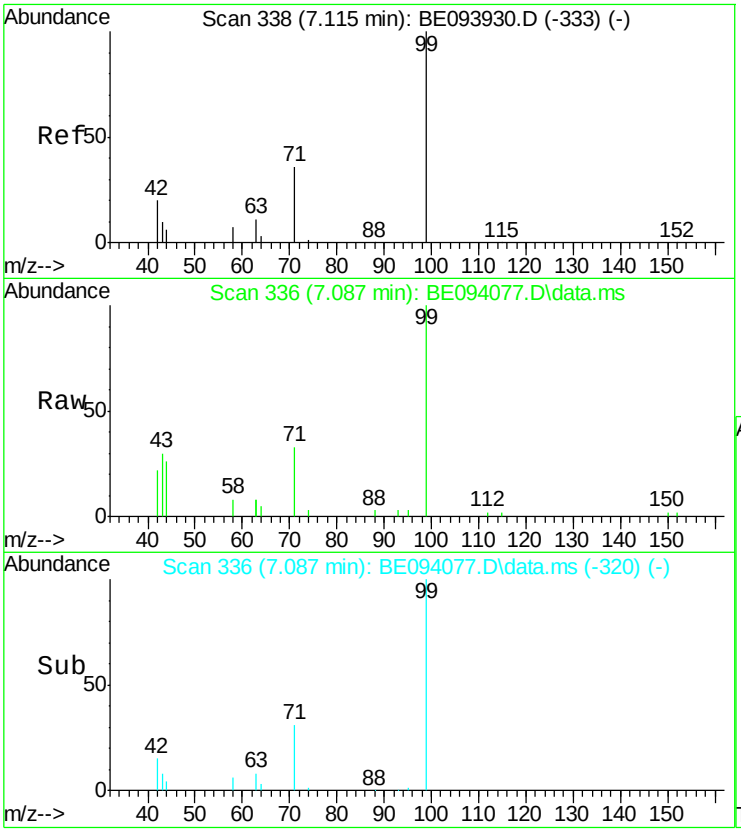


#4
2-Fluorophenol
Concen: 2.14 ng
RT: 5.501 min Scan# 210
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:112 Resp: 4006

Ion	Ratio	Lower	Upper
112	100		
64	75.5	57.7	86.5
63	151.1	116.0	174.0



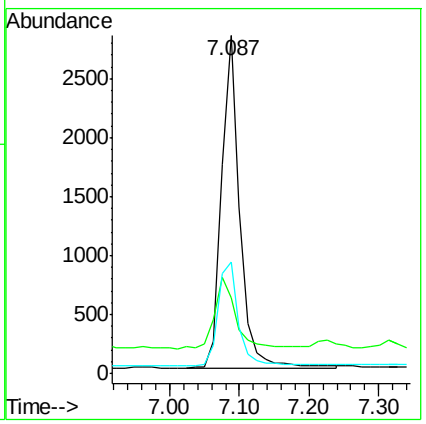


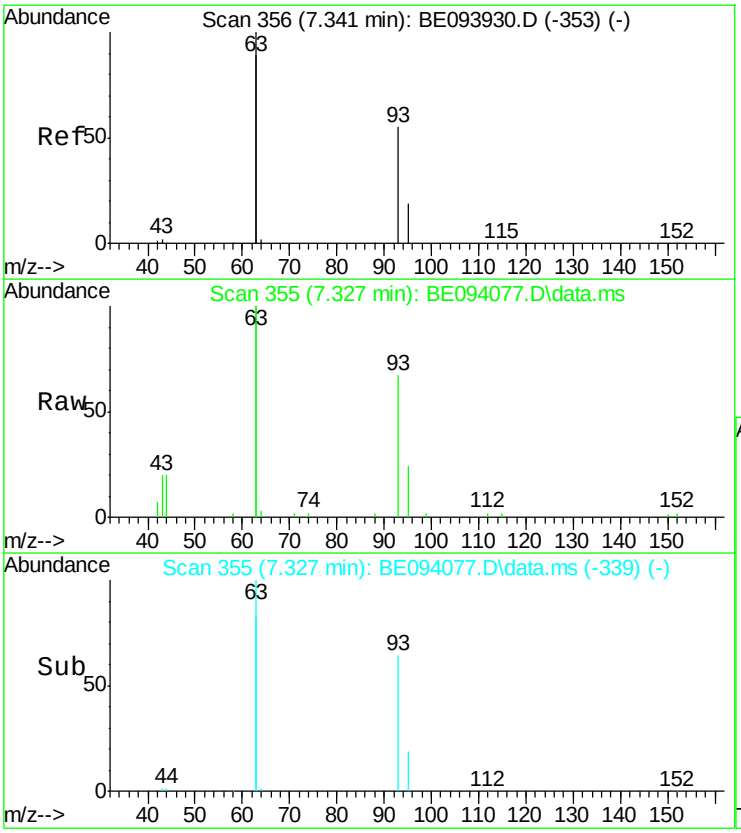
#5
Phenol-d6
Concen: 1.86 ng
RT: 7.087 min Scan# 33
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5222

Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.1	25.7
71	35.3	26.6	39.8

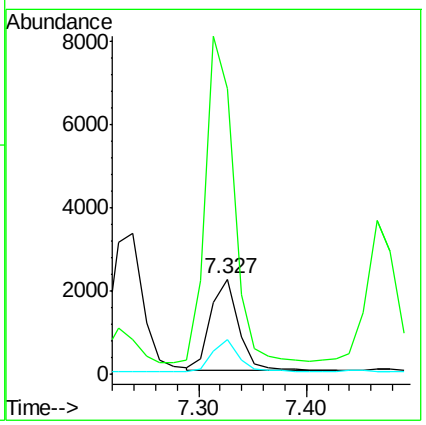


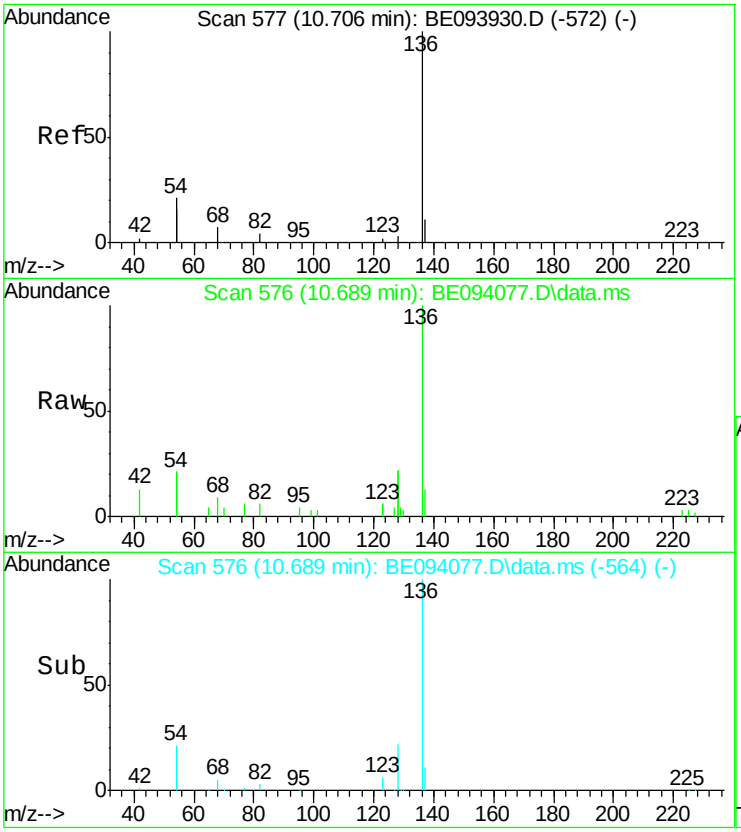


#6
bis(2-Chloroethyl)ether
Concen: 1.72 ng
RT: 7.327 min Scan# 355
Delta R.T. -0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion: 93 Resp: 3960

Ion	Ratio	Lower	Upper
93	100		
63	359.2	283.4	425.2
95	32.4	26.9	40.3



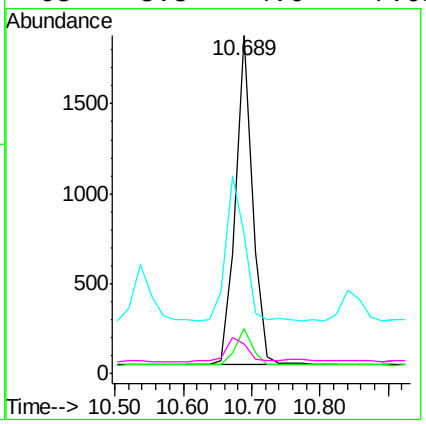


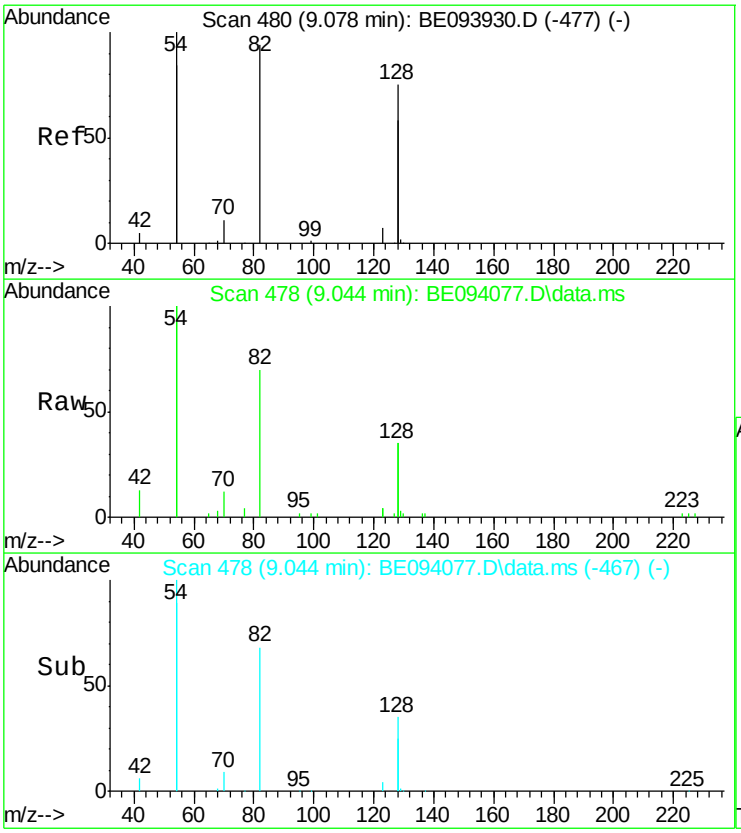
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.689 min Scan# 57
Delta R.T. -0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3195

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	41.2	21.9	32.9#
68	8.8	4.6	7.0#

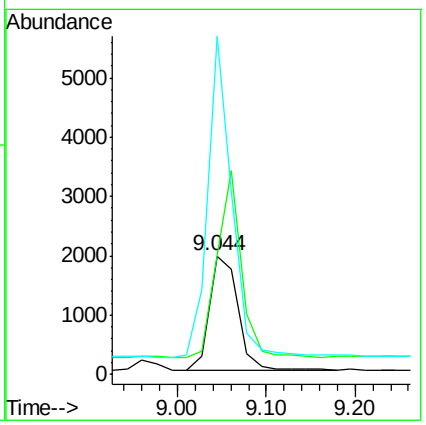


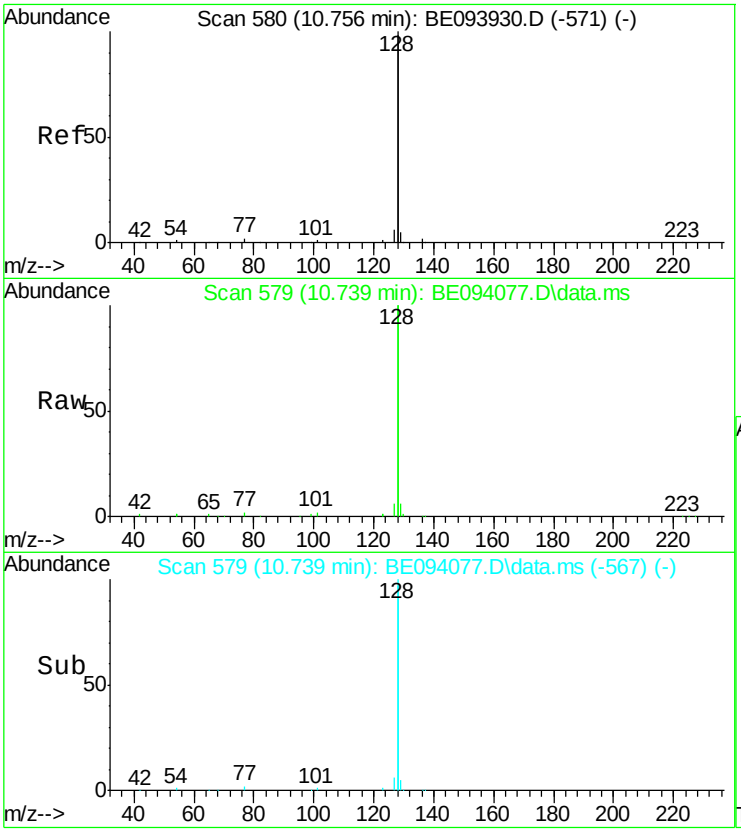


#8
Nitrobenzene-d5
Concen: 1.60 ng
RT: 9.044 min Scan# 478
Delta R.T. -0.018 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion: 82 Resp: 4319

Ion	Ratio	Lower	Upper
82	100		
128	101.2	91.4	137.0
54	285.5	197.8	296.8



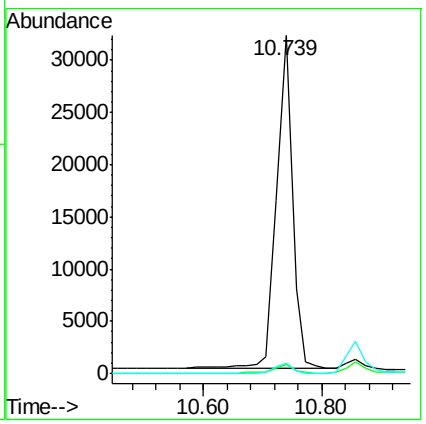


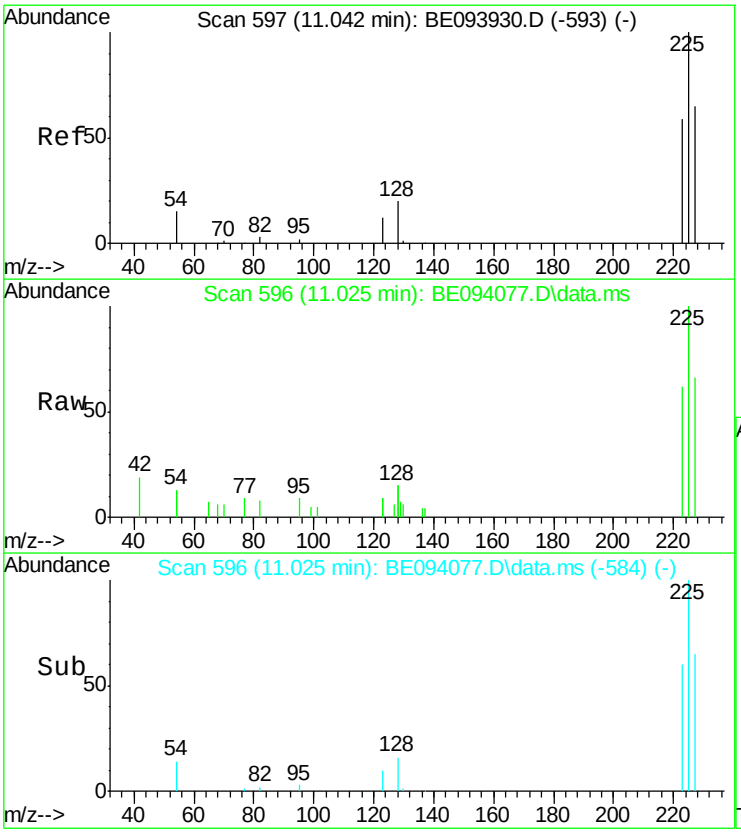
#9
Naphthalene
Concen: 1.60 ng
RT: 10.739 min Scan# 57
Delta R.T. -0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 58617

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.2	2.6	4.0

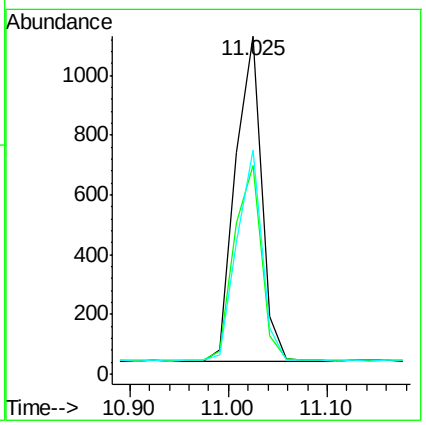


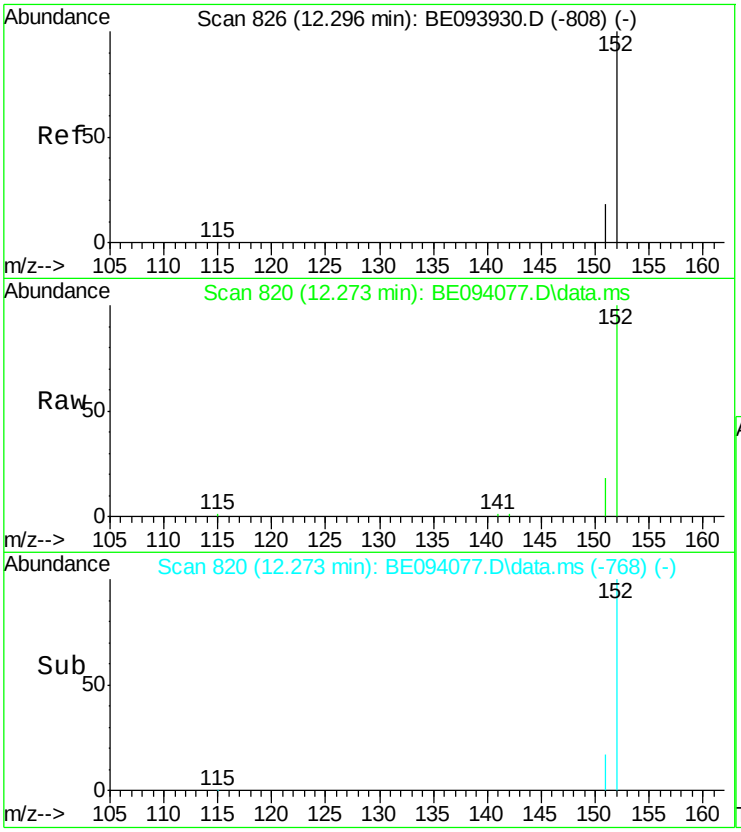


#10
Hexachlorobutadiene
Concen: 1.50 ng
RT: 11.025 min Scan# 596
Delta R.T. -0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:225 Resp: 1990

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.0
227	62.8	50.5	75.7



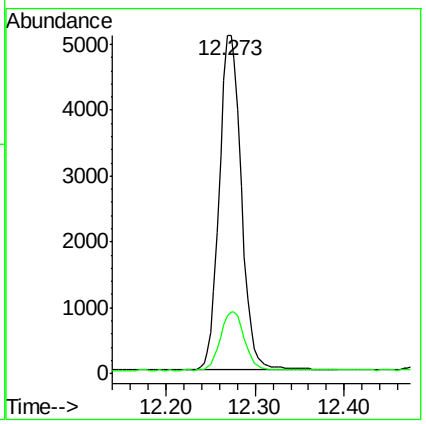


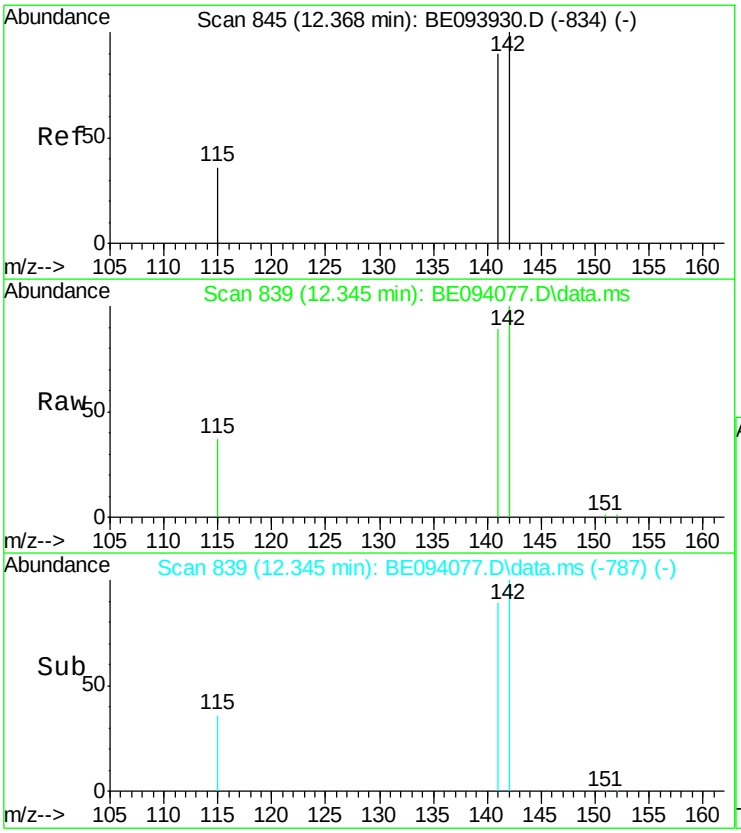
#11
2-Methylnaphthalene-d10
Concen: 1.71 ng
RT: 12.273 min Scan# 82
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8730

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

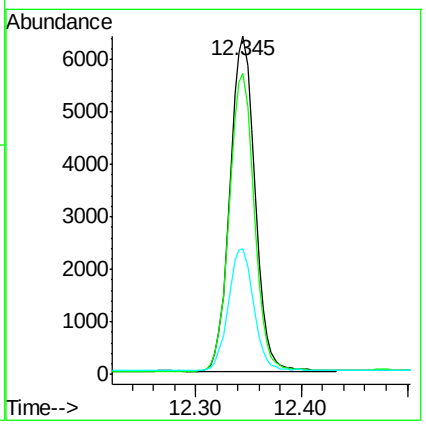


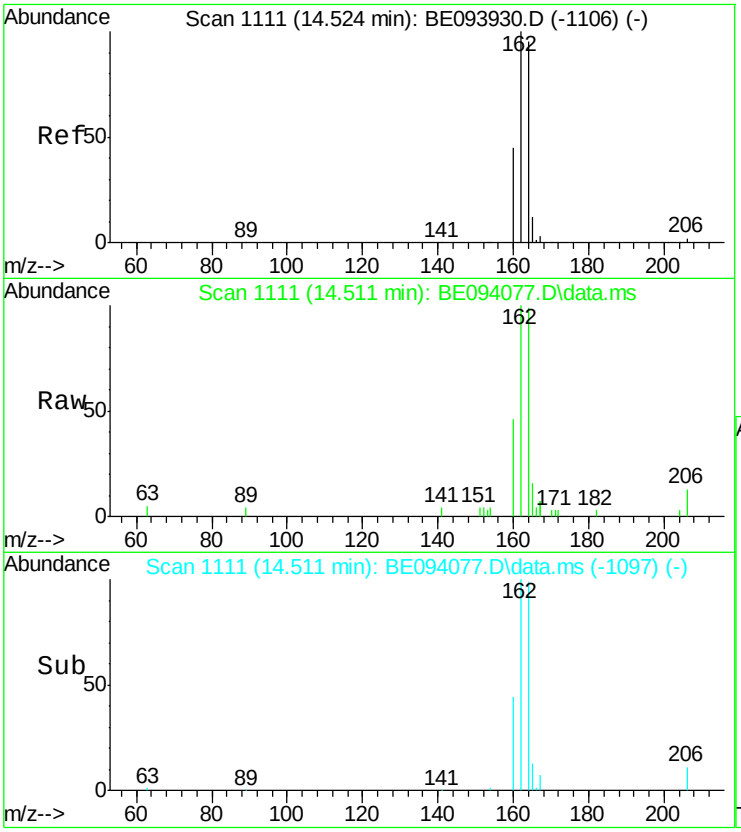


#12
2-Methylnaphthalene
Concen: 1.72 ng
RT: 12.345 min Scan# 839
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:142 Resp: 10454

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	37.2	29.4	44.0



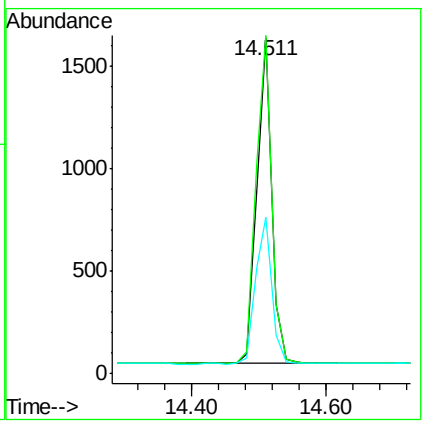


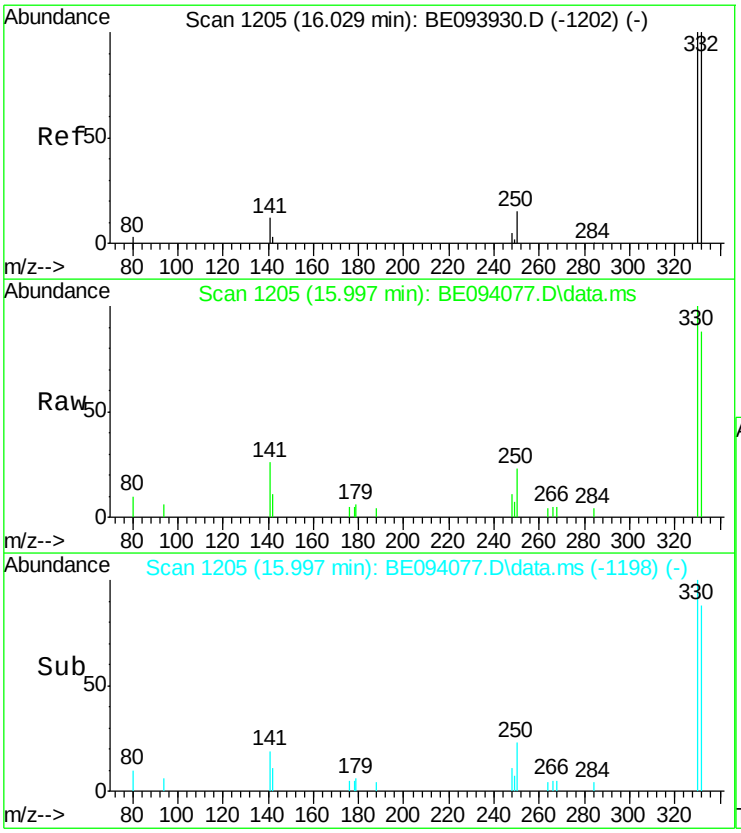
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.511 min Scan# 11
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2513

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	46.5	37.0	55.4

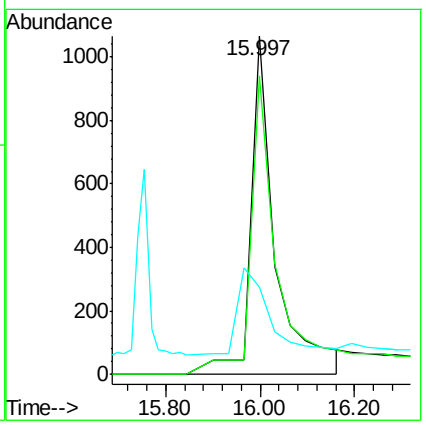


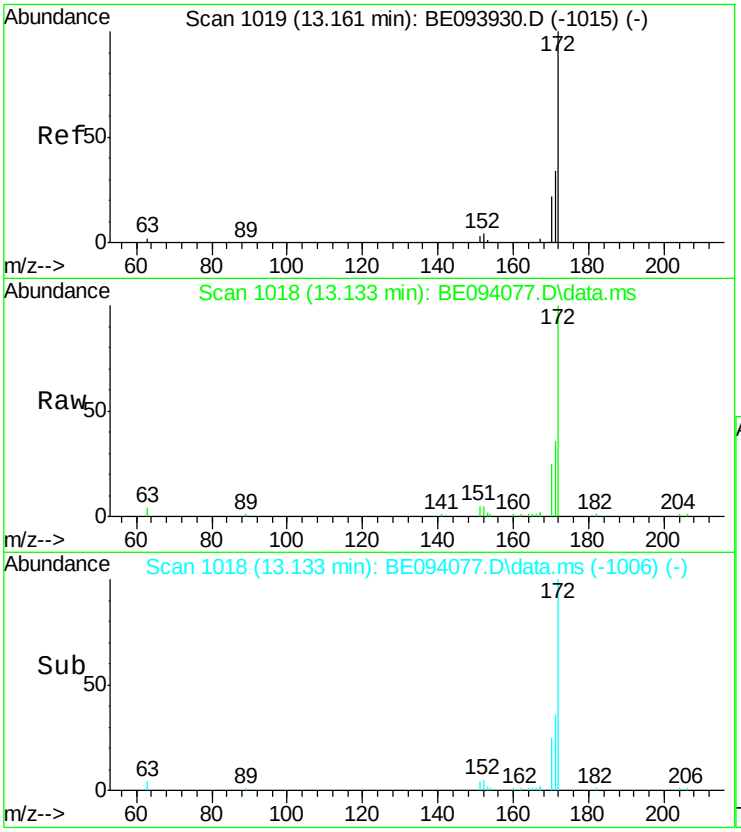


#14
2,4,6-Tribromophenol
Concen: 5.31 ng
RT: 15.997 min Scan# 1205
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:330 Resp: 4131

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.9	115.3
141	0.0	0.0	0.0



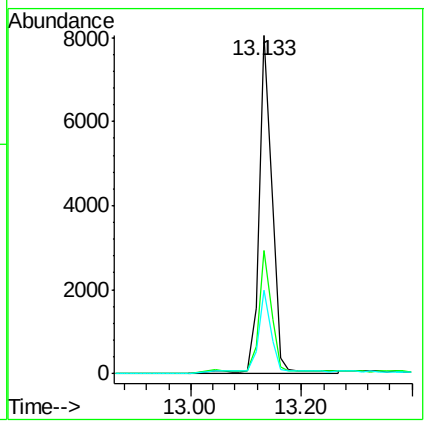


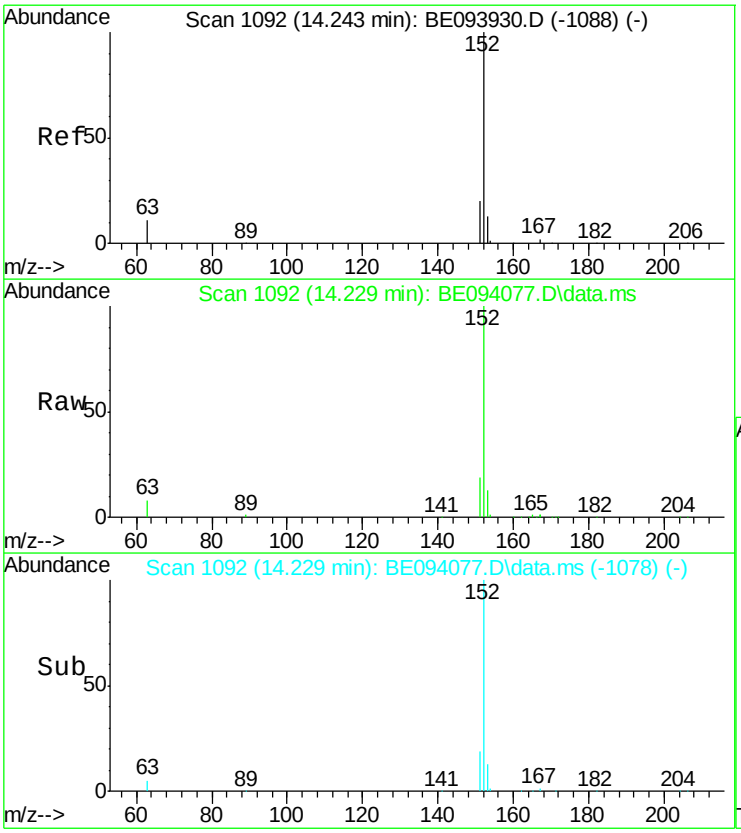
#15
2-Fluorobiphenyl
Concen: 1.41 ng
RT: 13.133 min Scan# 10
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13985

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.9	40.3
170	24.7	17.3	25.9

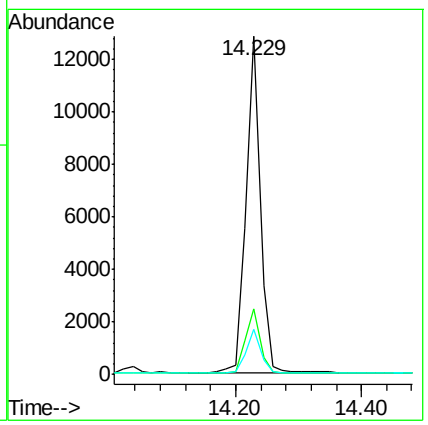


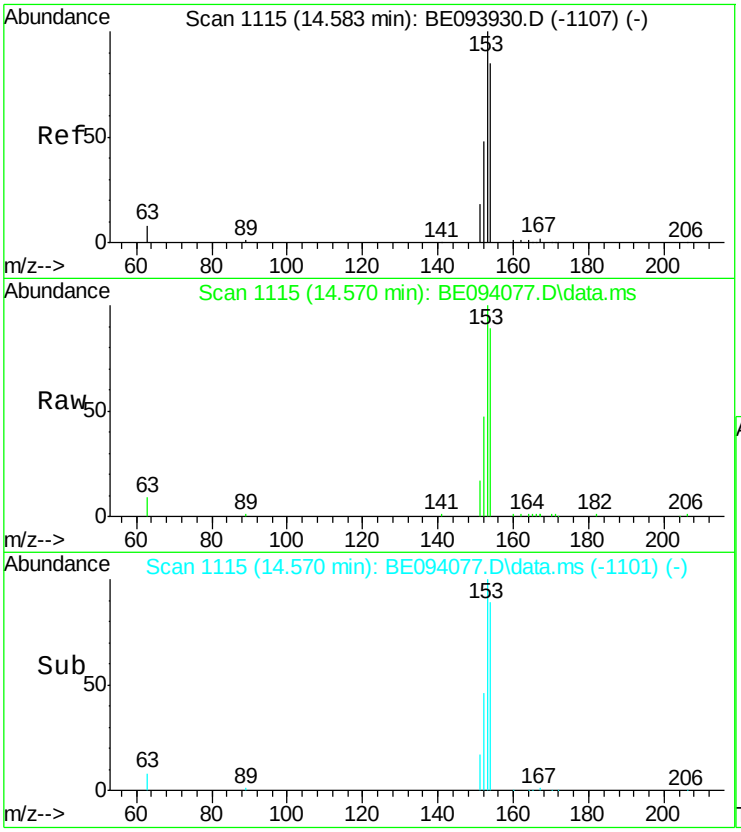


#16
Acenaphthylene
Concen: 1.60 ng
RT: 14.229 min Scan# 1092
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:152 Resp: 20088

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	16.0



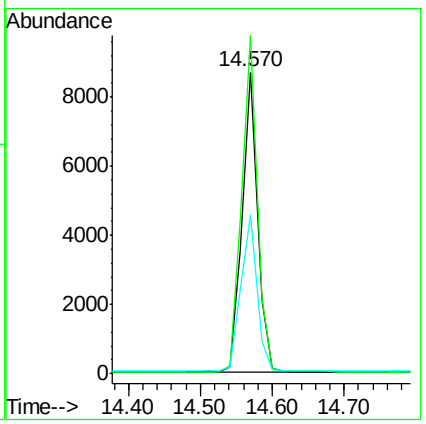


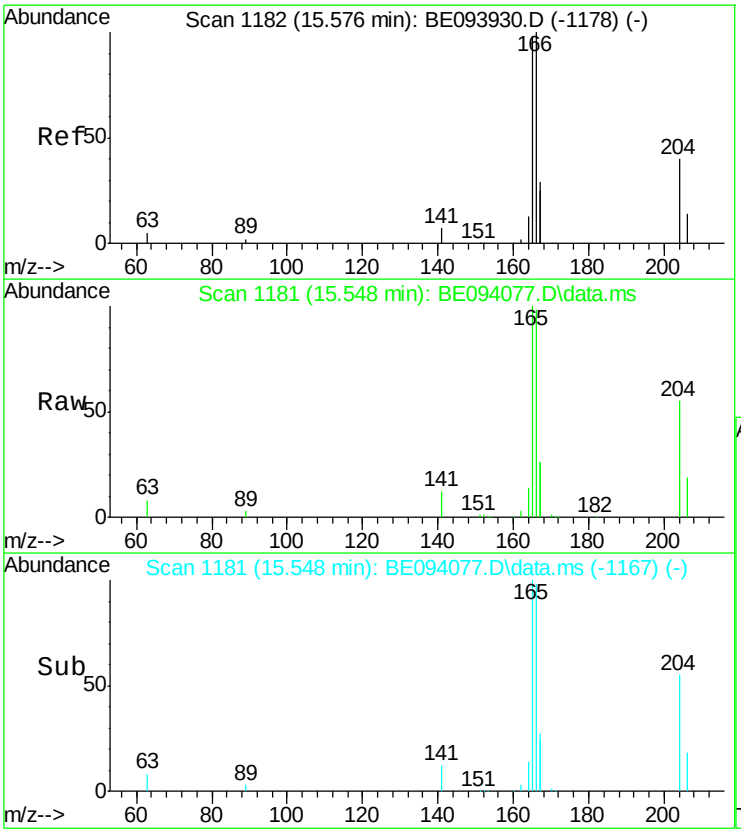
#17
Acenaphthene
Concen: 1.53 ng
RT: 14.570 min Scan# 11
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 12938

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	54.6	44.9	67.3

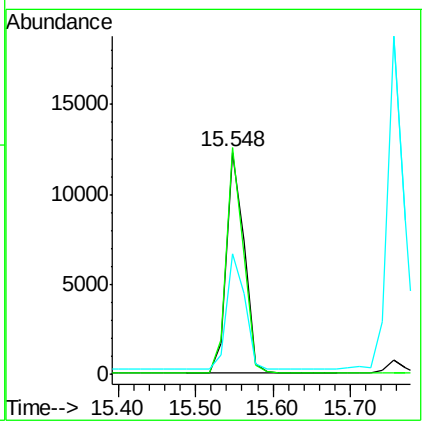


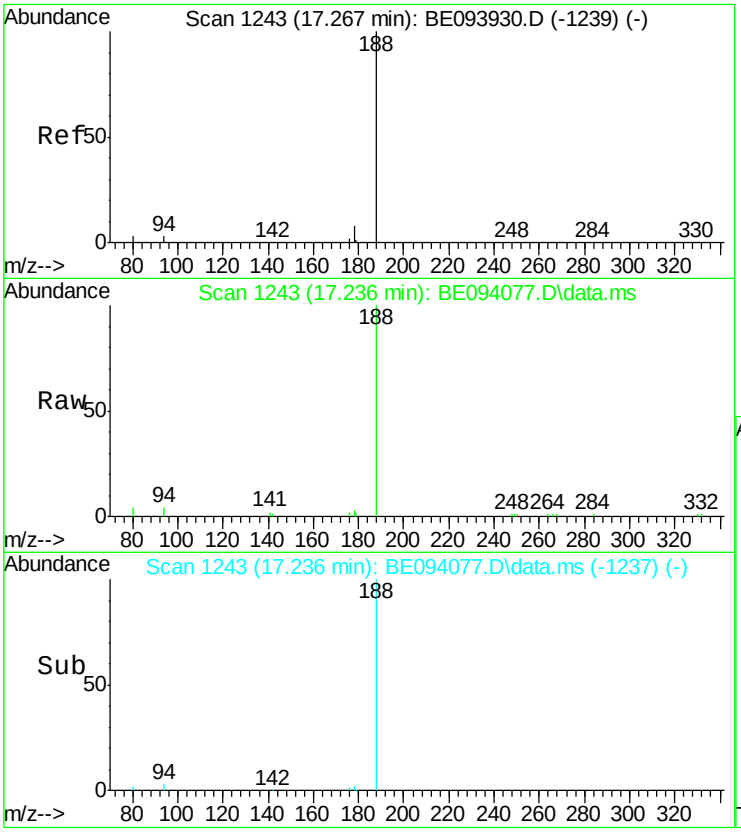


#18
Fluorene
Concen: 1.78 ng
RT: 15.548 min Scan# 1181
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:166 Resp: 19425

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.0
167	54.3	43.5	65.3



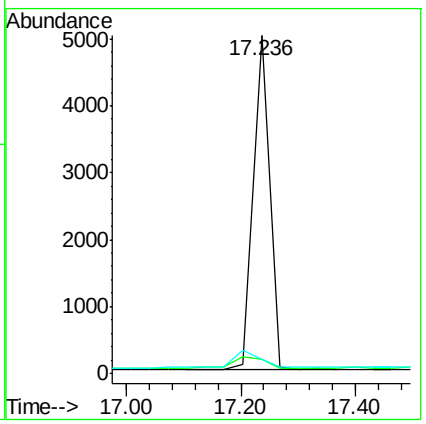


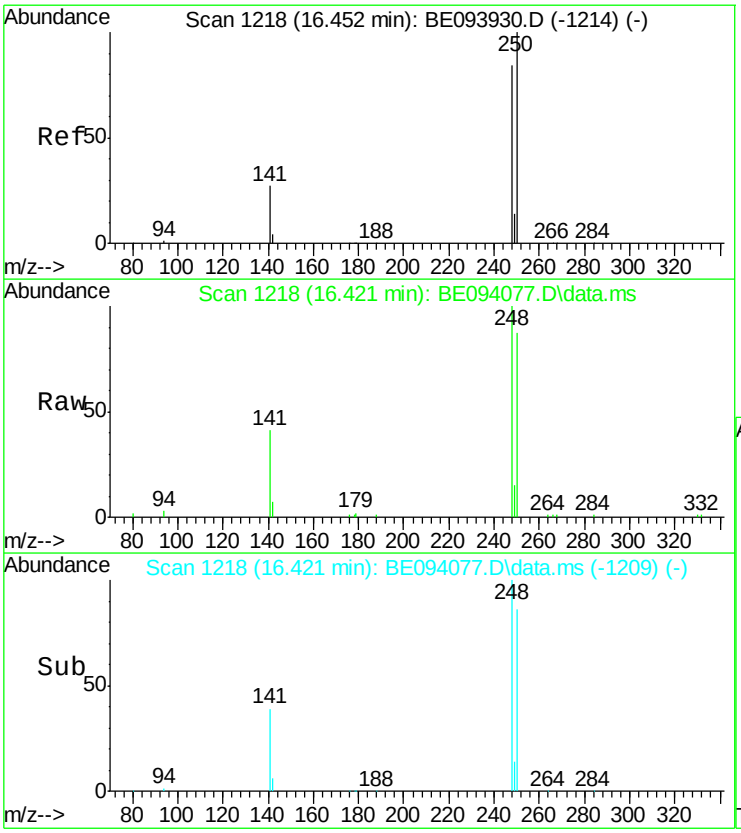
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.236 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10131

Ion	Ratio	Lower	Upper
188	100		
94	4.4	16.1	24.1#
80	4.1	18.2	27.2#

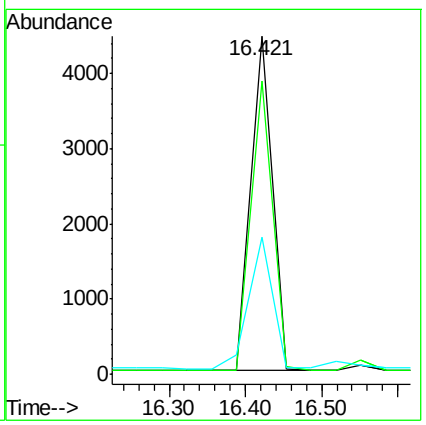


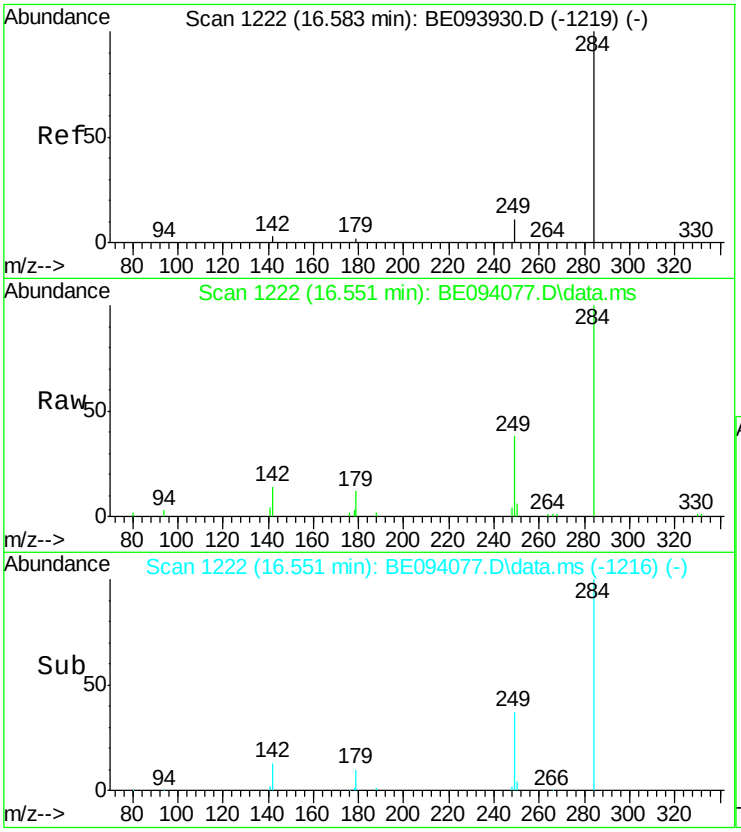


#20
4-Bromophenyl-phenylether
Concen: 1.59 ng
RT: 16.421 min Scan# 1218
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:248 Resp: 8797

Ion	Ratio	Lower	Upper
248	100		
250	86.7	111.8	167.8#
141	40.5	27.1	40.7



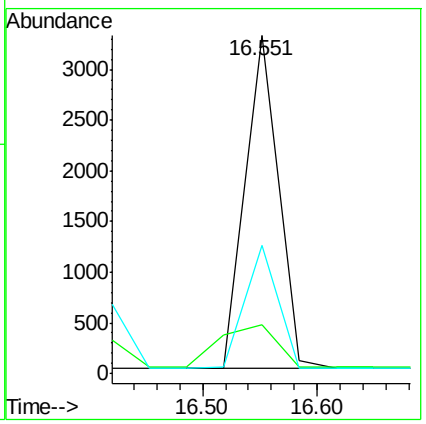


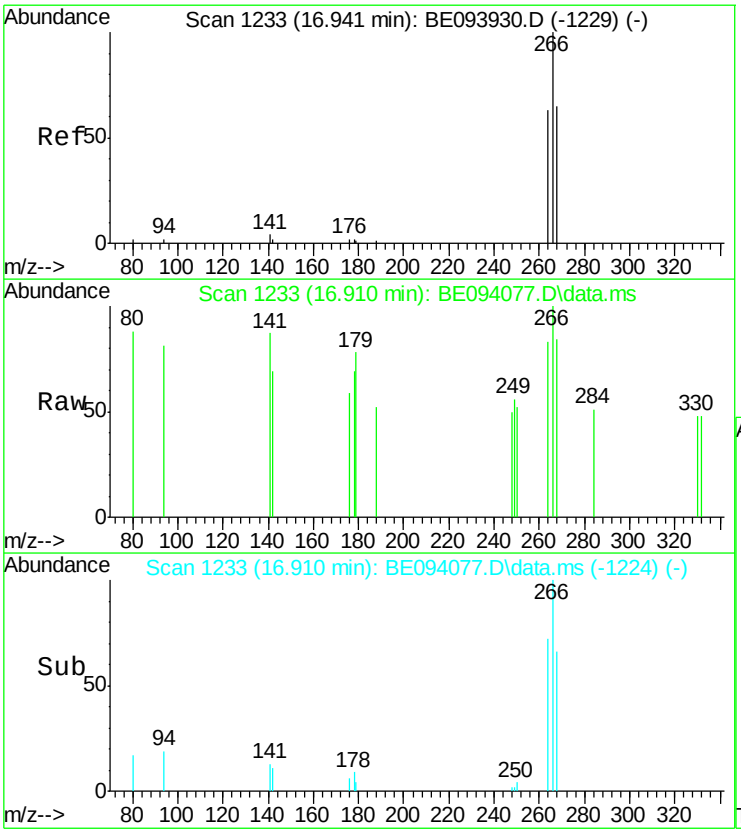
#21
Hexachlorobenzene
Concen: 1.10 ng
RT: 16.551 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6593

Ion	Ratio	Lower	Upper
284	100		
142	22.0	0.0	0.0#
249	36.8	0.0	0.0#

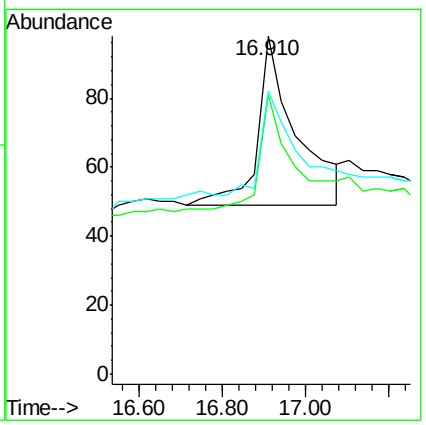


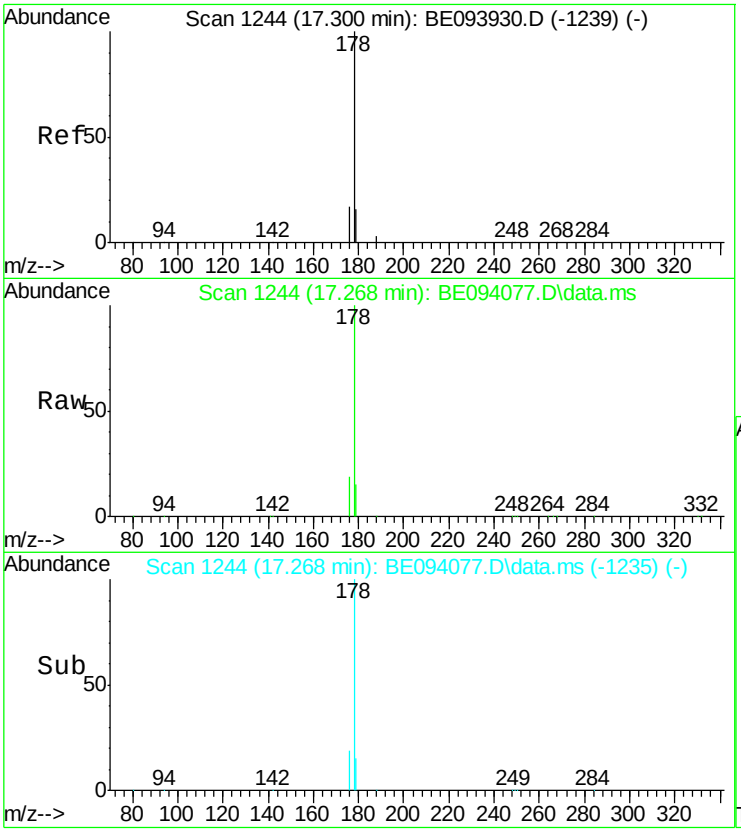


#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:266 Resp: 319

Ion	Ratio	Lower	Upper
266	100		
264	82.7	53.5	80.3#
268	83.7	60.0	90.0



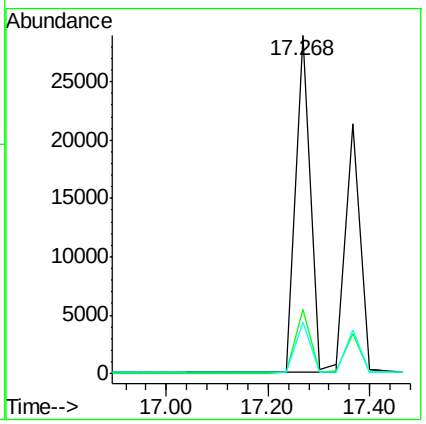


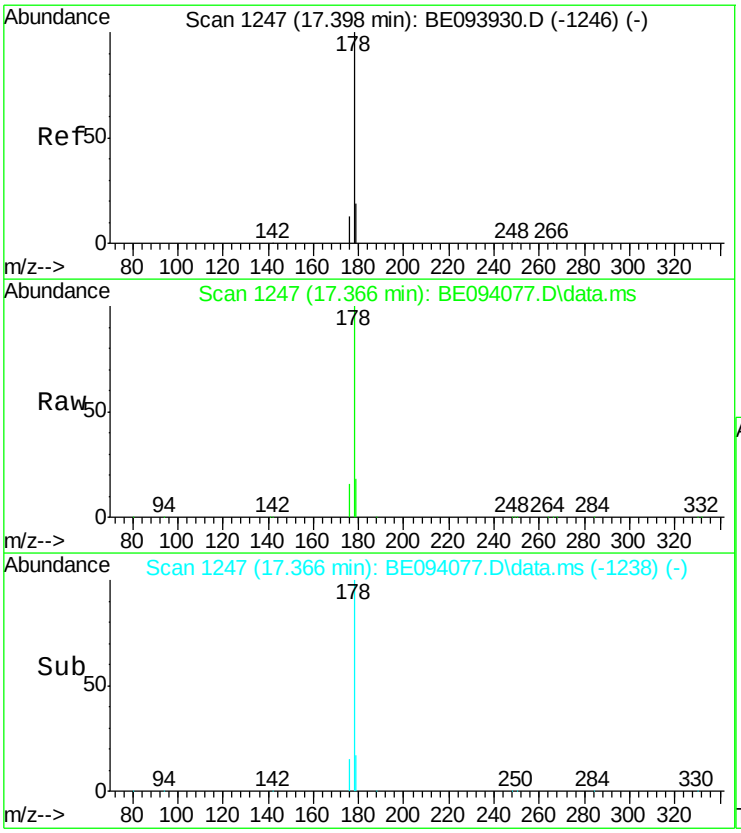
#23
Phenanthrene
Concen: 1.79 ng
RT: 17.268 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 58656

Ion	Ratio	Lower	Upper
178	100		
176	19.0	0.0	0.0#
179	15.1	12.6	18.8

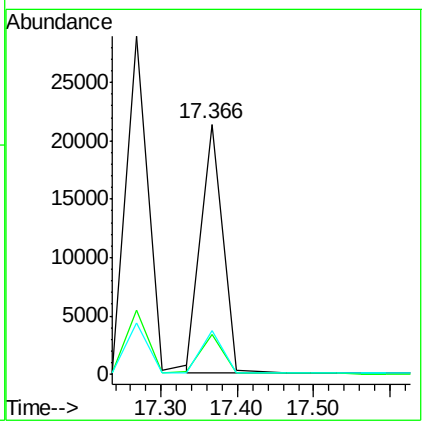


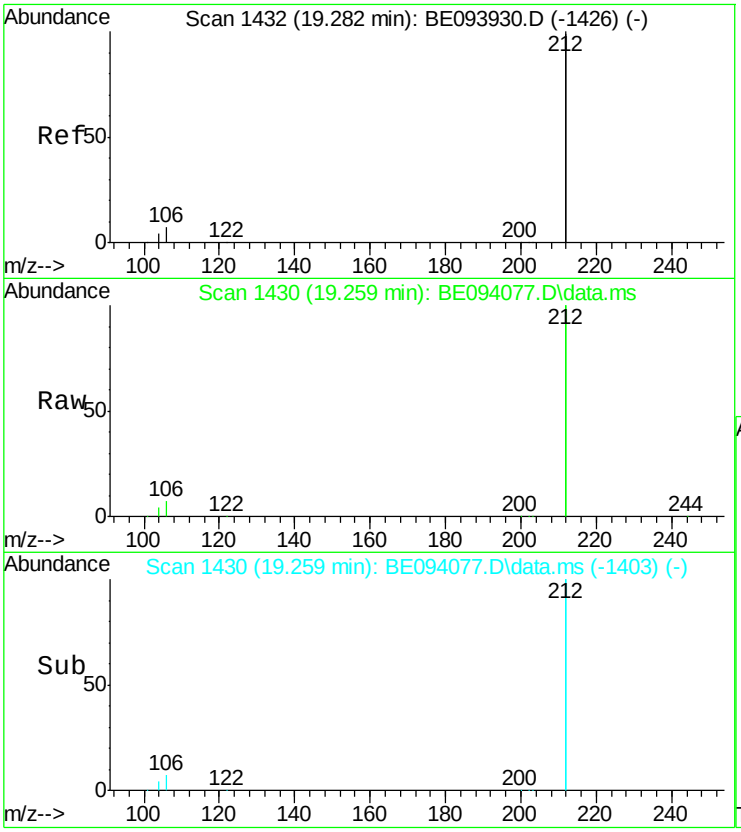


#24
Anthracene
Concen: 1.38 ng
RT: 17.366 min Scan# 1247
Delta R.T. 0.001 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:178 Resp: 42571

Ion	Ratio	Lower	Upper
178	100		
176	15.5	16.0	24.0#
179	17.3	0.0	0.0#



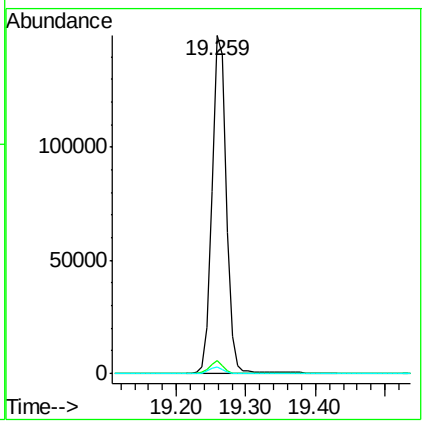


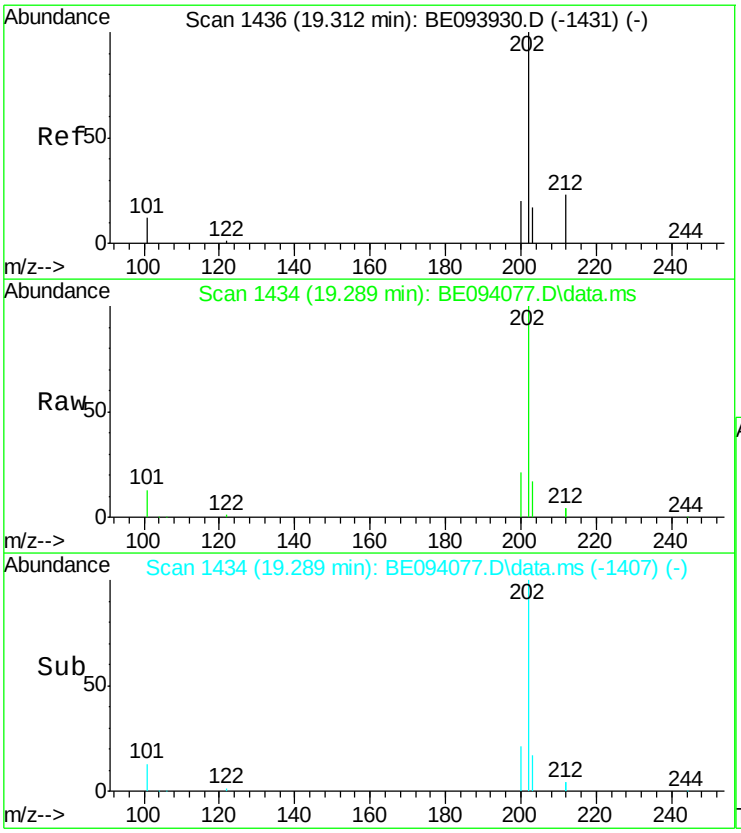
#25
Fluoranthene-d10
Concen: 1.41 ng
RT: 19.259 min Scan# 14
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 213060

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	1.9	1.6	2.4

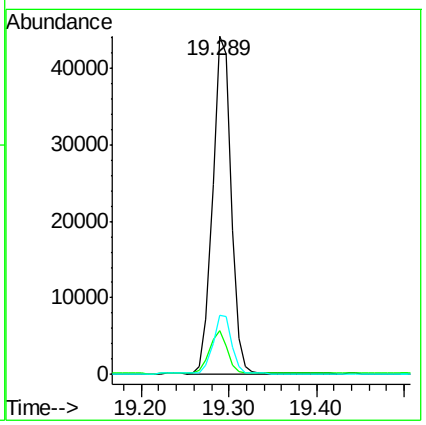


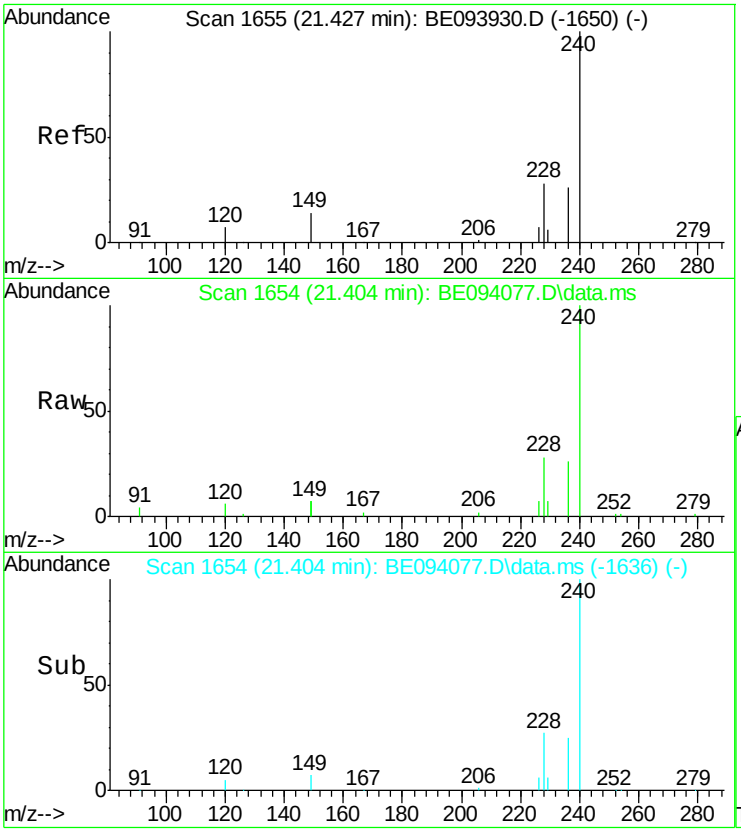


#26
Fluoranthene
Concen: 1.41 ng
RT: 19.289 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:202 Resp: 63878

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.4	13.7	20.5



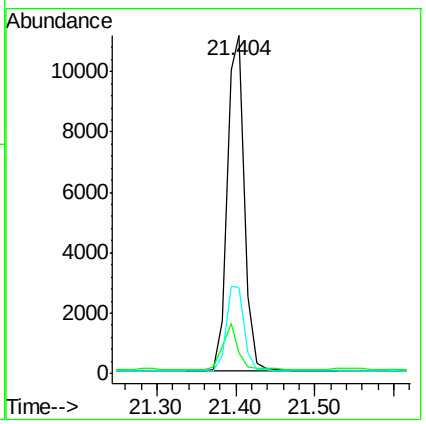


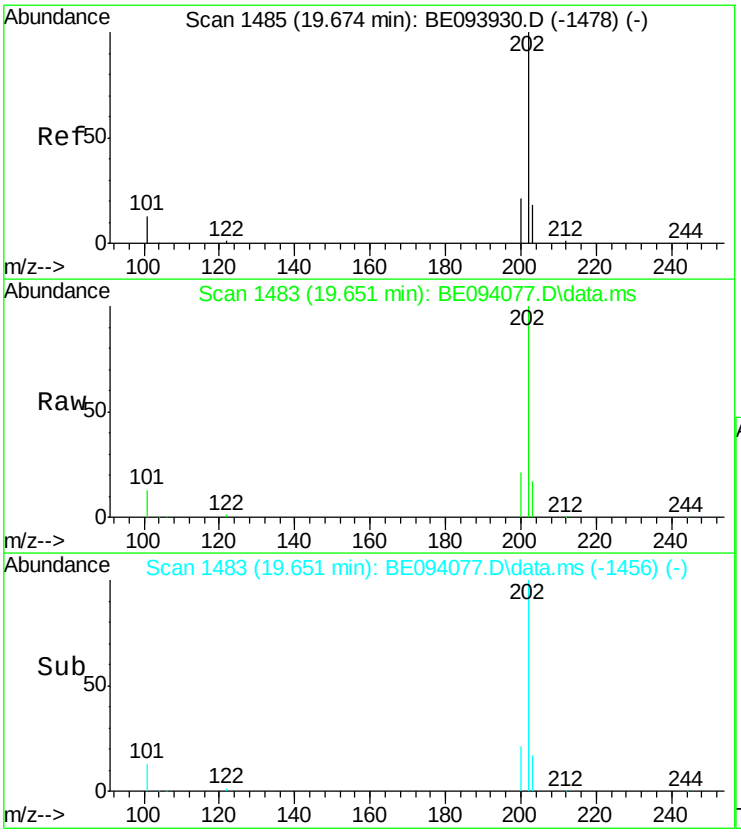
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.404 min Scan# 16
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17262

Ion	Ratio	Lower	Upper
240	100		
120	6.1	8.7	13.1#
236	25.6	21.3	31.9

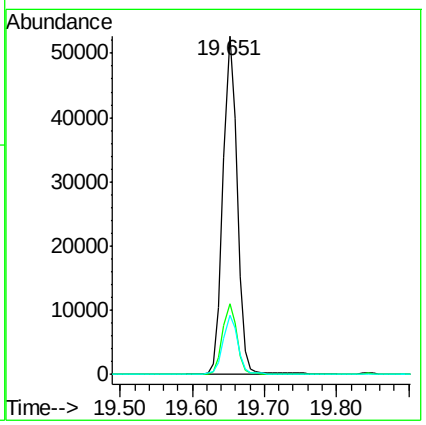


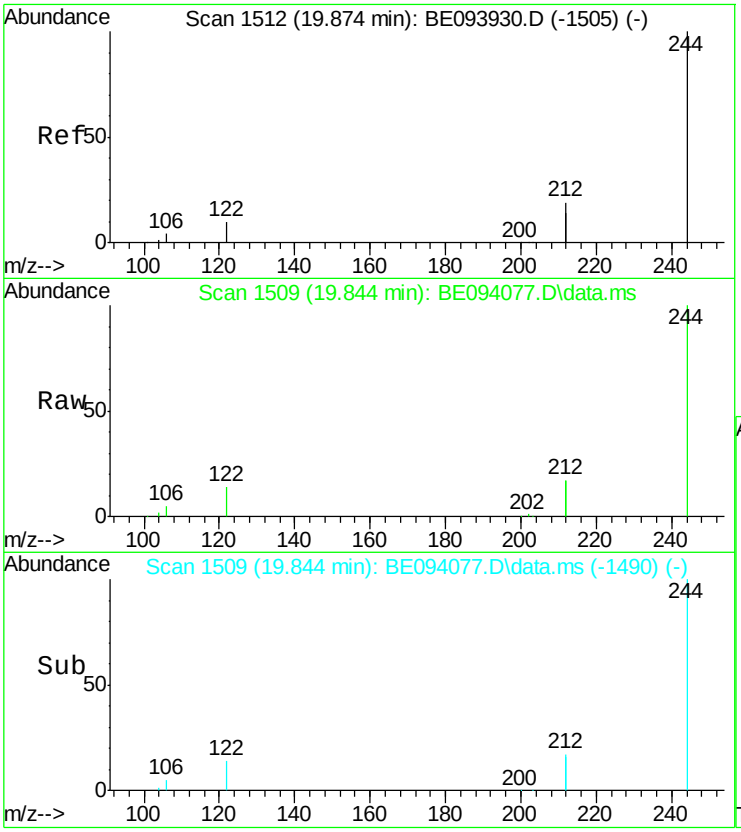


#28
Pyrene
Concen: 1.19 ng
RT: 19.651 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:202 Resp: 70467

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.2	21.4



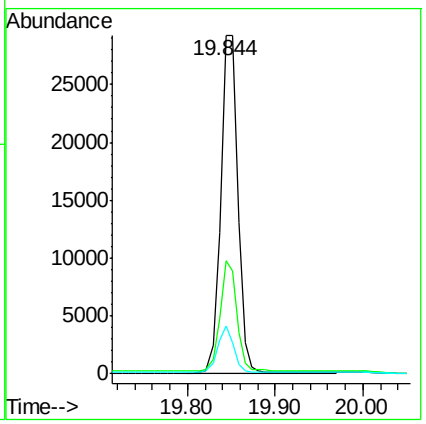


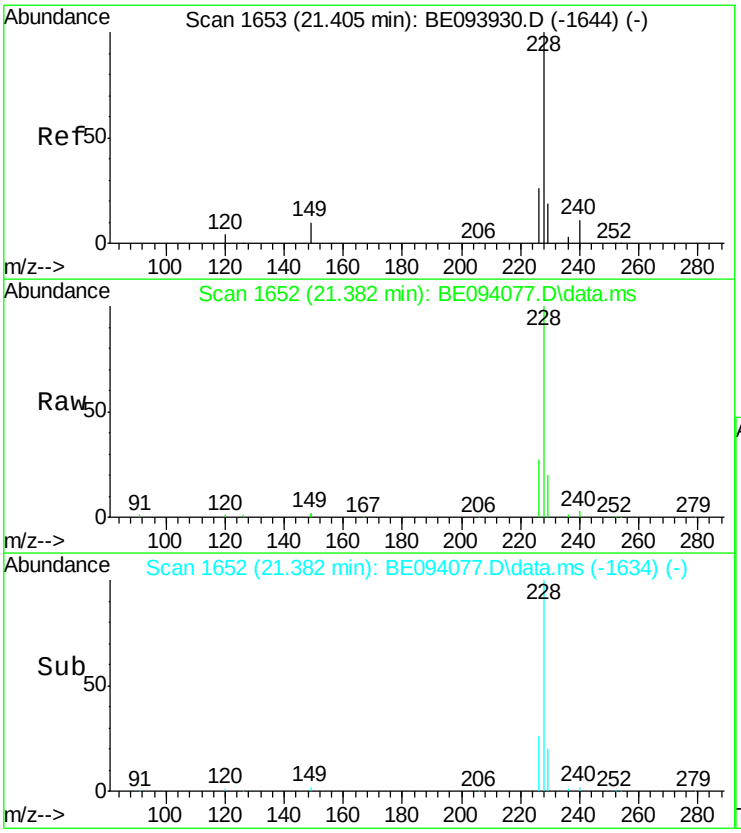
#29
Terphenyl-d14
Concen: 1.26 ng
RT: 19.844 min Scan# 15
Delta R.T. -0.008 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 39881

Ion	Ratio	Lower	Upper
244	100		
212	33.3	28.3	42.5
122	14.2	9.4	14.0#

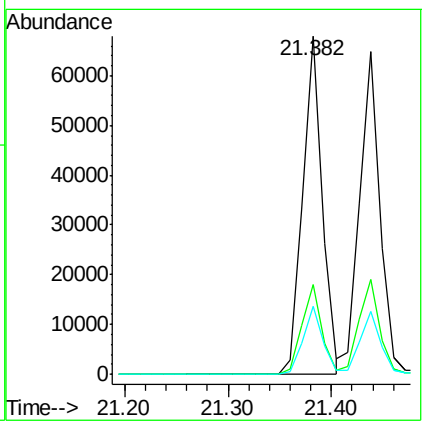


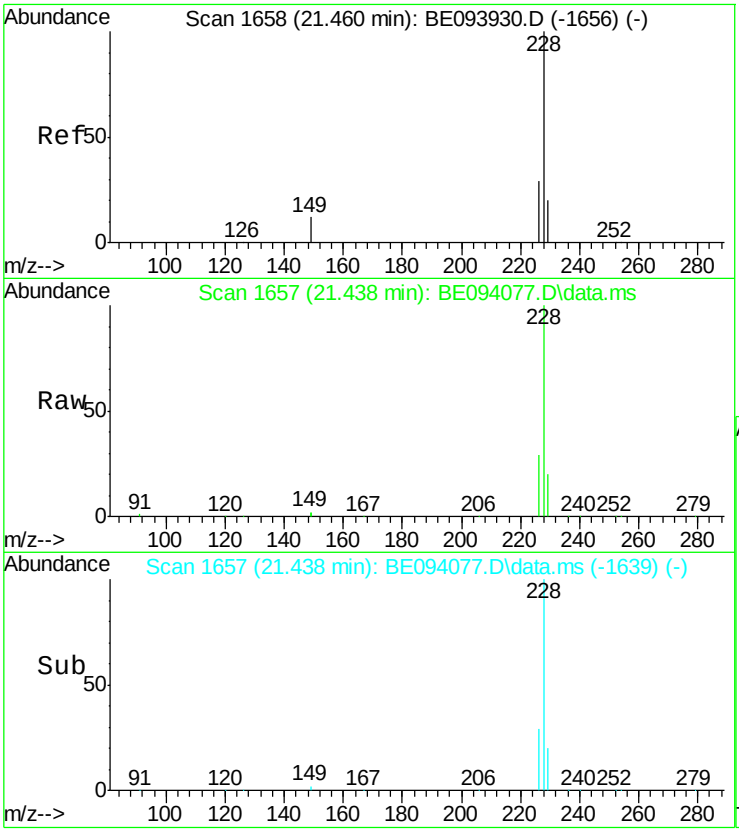


#30
Benzo(a)anthracene
Concen: 1.67 ng
RT: 21.382 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:228 Resp: 88718

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.8	31.2
229	20.0	16.6	25.0



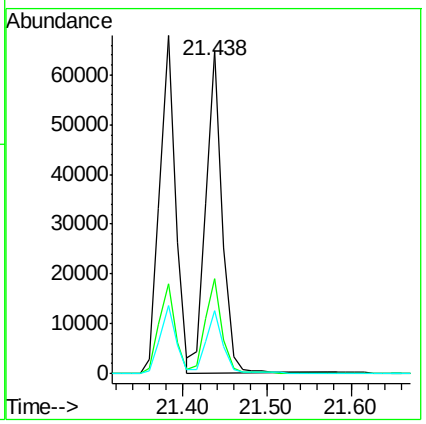


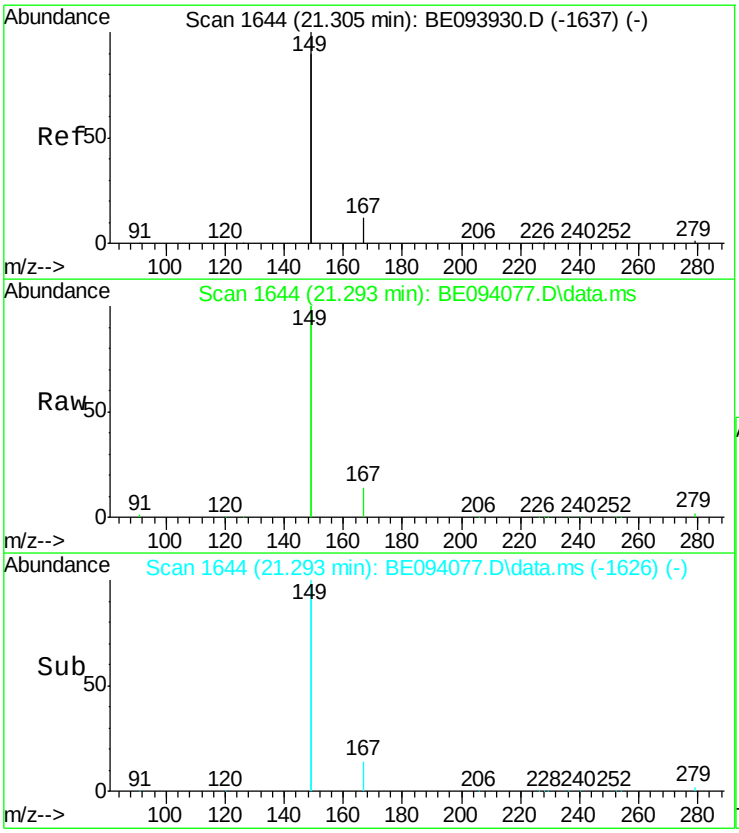
#31
Chrysene
Concen: 1.58 ng
RT: 21.438 min Scan# 16
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 88807

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.6	37.0
229	19.7	15.8	23.8

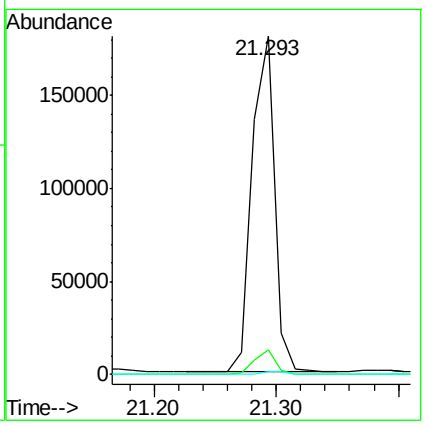


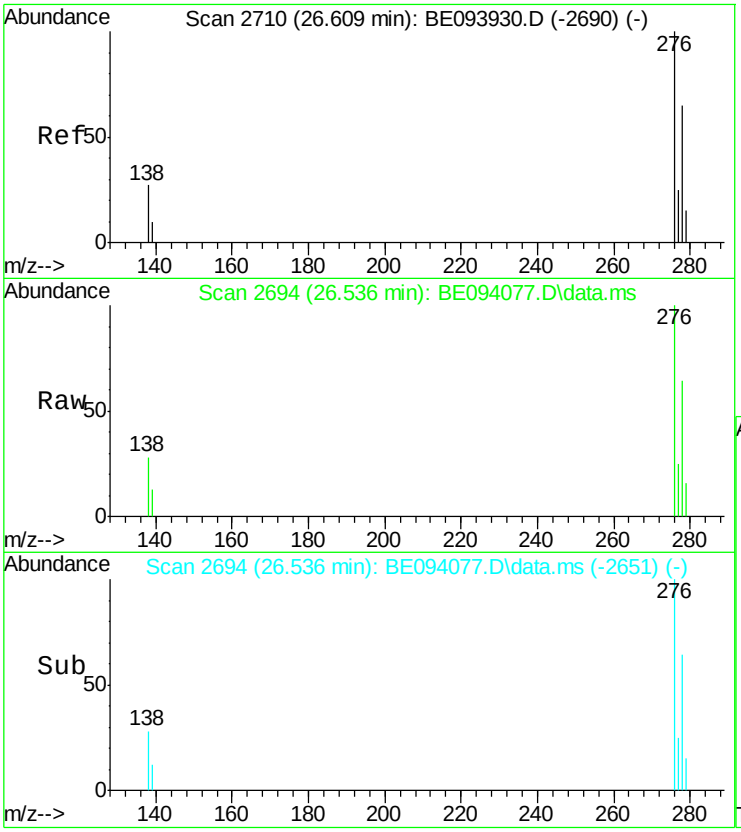


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.80 ng
RT: 21.293 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:149 Resp: 232146

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



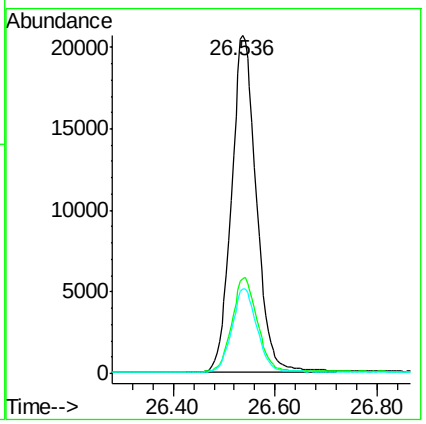


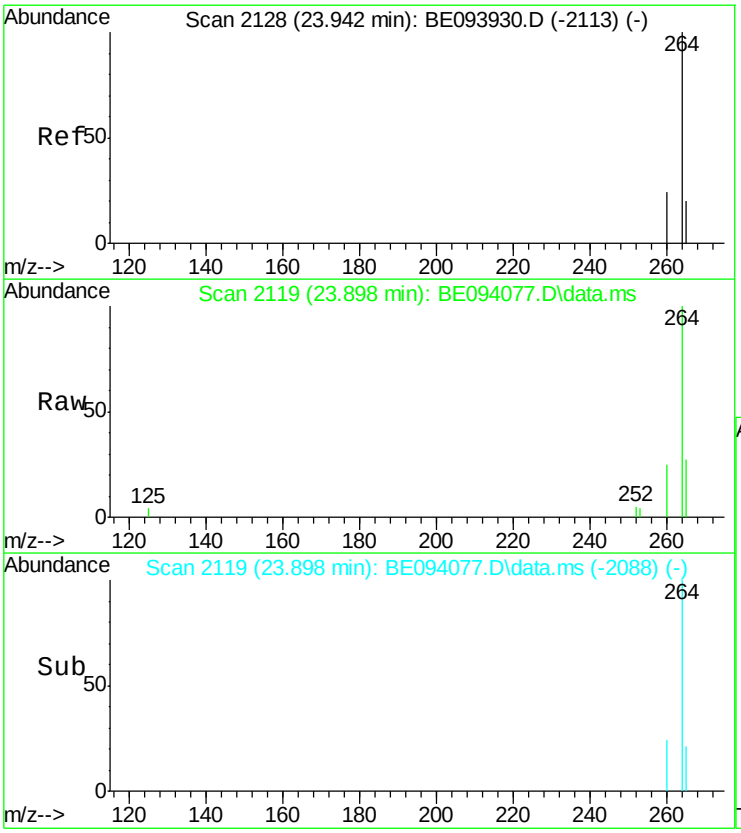
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.87 ng
RT: 26.536 min Scan# 26
Delta R.T. -0.004 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 69901

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.2	33.2
277	25.0	19.5	29.3

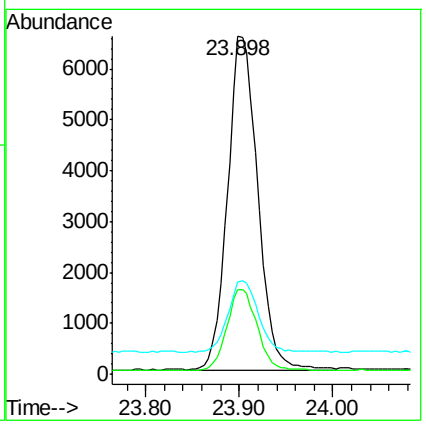


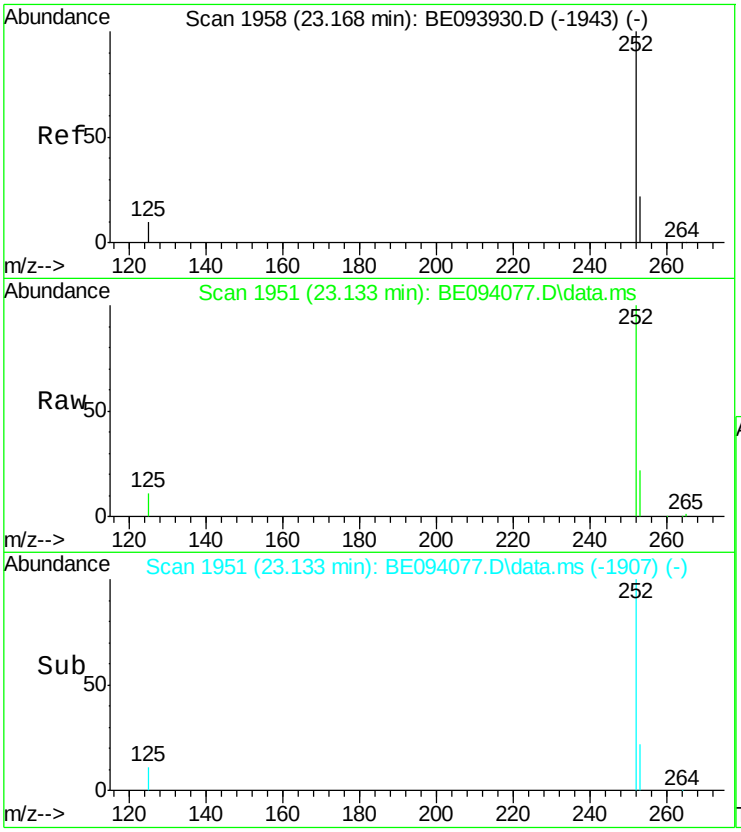


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.898 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:264 Resp: 14675

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	27.3	24.0	36.0



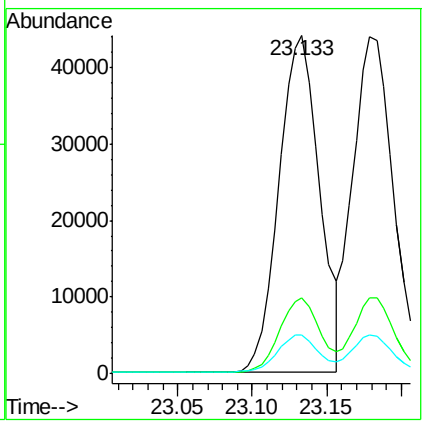


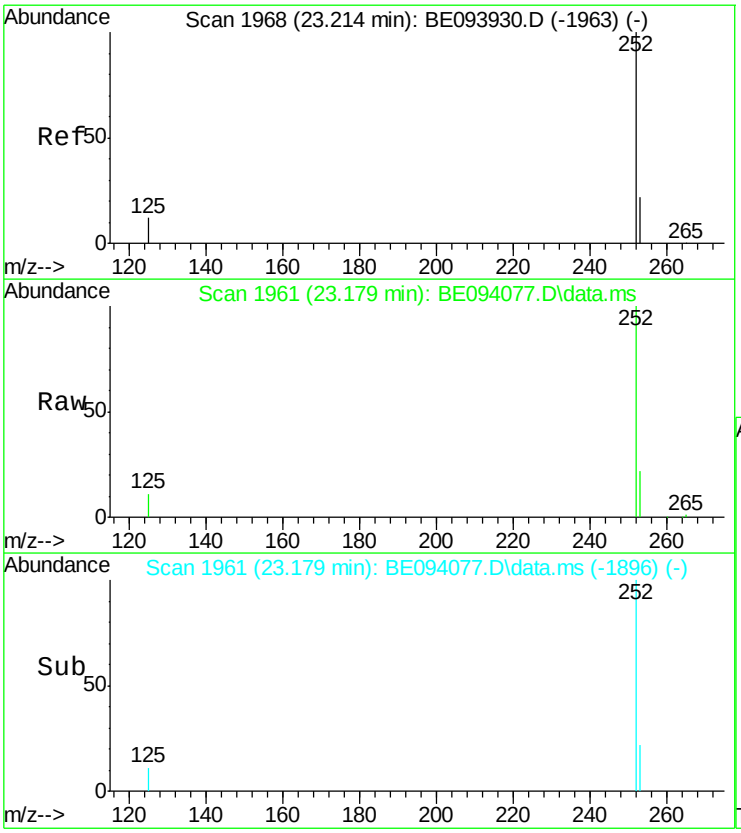
#35
Benzo(b)fluoranthene
Concen: 1.78 ng
RT: 23.133 min Scan# 19
Delta R.T. 0.002 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 83402

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	11.2	10.0	15.0

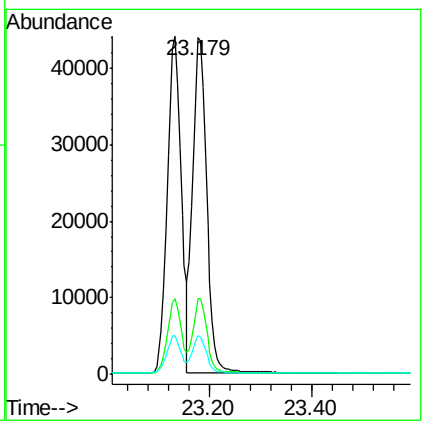


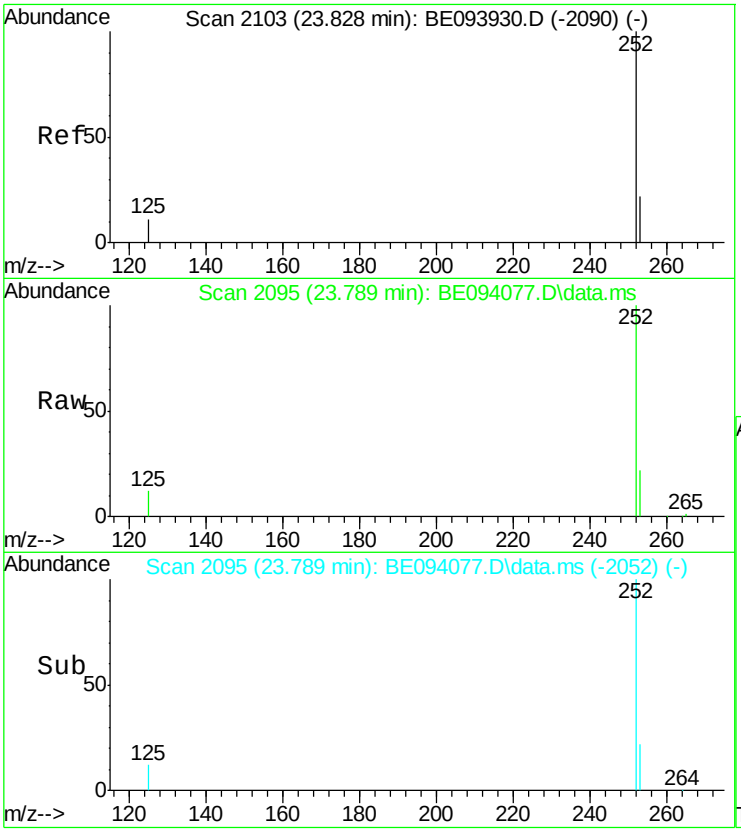


#36
Benzo(k)fluoranthene
Concen: 1.49 ng
RT: 23.179 min Scan# 1961
Delta R.T. -0.003 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:252 Resp: 85159

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.4	9.8	14.6



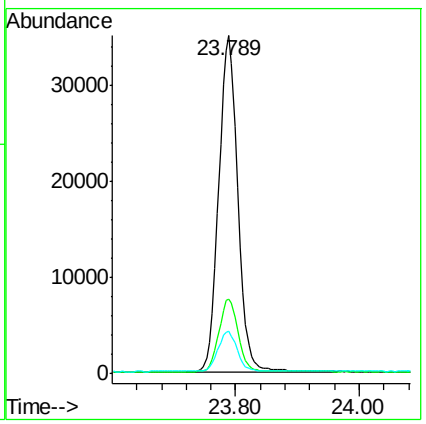


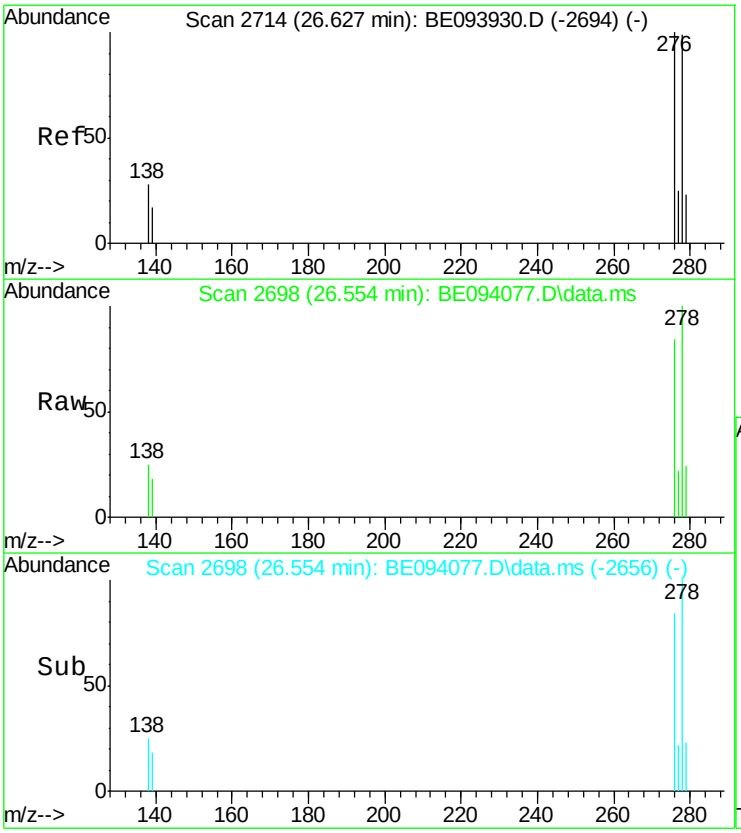
#37
Benzo(a)pyrene
Concen: 1.58 ng
RT: 23.789 min Scan# 20
Delta R.T. -0.003 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 75302

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.6	29.4
125	12.5	11.8	17.8

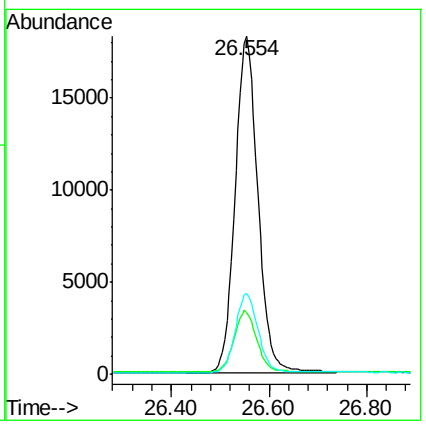


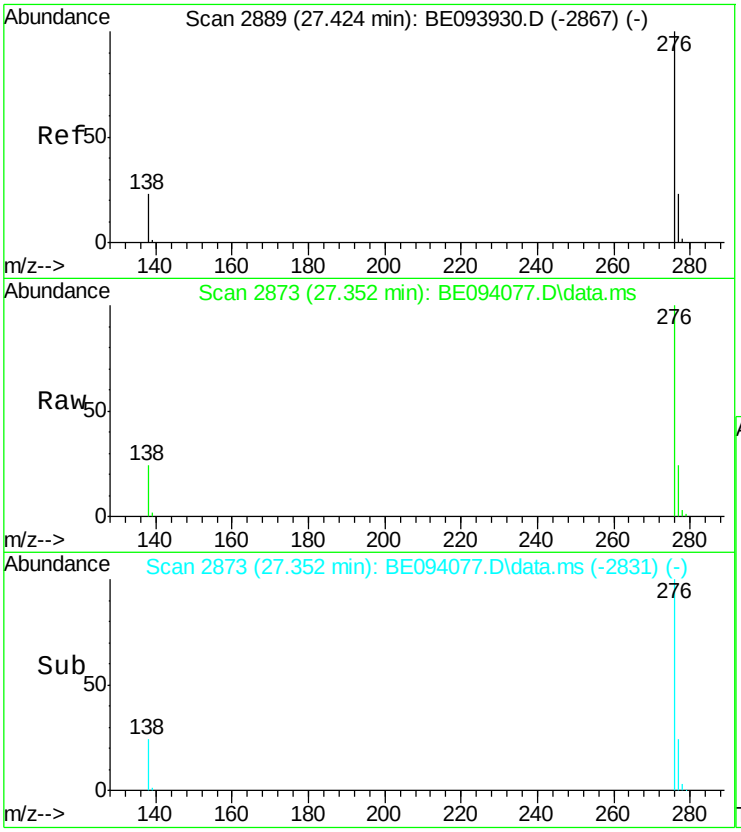


#38
Dibenzo(a,h)anthracene
Concen: 1.89 ng
RT: 26.554 min Scan# 2698
Delta R.T. -0.009 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Tgt Ion:278 Resp: 59748

Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.7	25.1
279	23.9	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 1.77 ng
RT: 27.352 min Scan# 28
Delta R.T. -0.009 min
Lab File: BE094077.D
Acq: 23 Sep 2017 14:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 58808

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.6	30.8
138	24.4	21.9	32.9