Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093407.D
Acq On : 2 Jul 2017 10:55
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 02 11:57:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 11:53:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.944	152	3318	0.40	ng		0.00
7) Naphthalene-d8	10.722	136	15939	0.40	ng		0.00
13) Acenaphthene-d10	14.540	164	10158	0.40	ng		0.00
19) Phenanthrene-d10	17.268	188	31866	0.40	ng		0.00
27) Chrysene-d12	21.426	240	37223	0.40	ng		0.00
34) Perylene-d12	23.939	264	30397	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.526	112	3906	0.38	ng		0.00
5) Phenol-d6	7.100	99	5527	0.36	ng		0.00
8) Nitrobenzene-d5	9.077	82	3771	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.311	152	9847	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.030	330	1152	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	15189	0.38	ng		0.00
25) Fluoranthene-d10	19.289	212	140712	0.48	ng		0.00
29) Terphenyl-d14	19.880	244	26136	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	2908	0.42	ng		97
3) n-Nitrosodimethylamine	3.764	42	1170	0.35	ng	#	69
6) bis(2-Chloroethyl)ether	7.364	93	4333	0.40	ng	#	98
9) Naphthalene	10.773	128	65088	0.39	ng	#	73
10) Hexachlorobutadiene	11.075	225	2496	0.37	ng		99
12) 2-Methylnaphthalene	12.384	142	10808	0.38	ng		96
16) Acenaphthylene	14.258	152	16013	0.36	ng	#	87
17) Acenaphthene	14.599	154	11873	0.38	ng		99
18) Fluorene	15.592	166	16402	0.38	ng	#	87
20) 4-Bromophenyl-phenylether	16.454	248	6455	0.81	ng	#	26
21) Hexachlorobenzene	16.584	284	6769	0.56	ng	#	100
22) Pentachlorophenol	16.910	266	864	0.67	ng	#	75
23) Phenanthrene	17.301	178	42473	0.55	ng		99
24) Anthracene	17.301	178	43332	0.56	ng		100
26) Fluoranthene	19.318	202	39684	0.48	ng		99
28) Pyrene	19.681	202	40937	0.42	ng	#	99
30) Benzo(a)anthracene	21.404	228	38266	0.38	ng		92
31) Chrysene	21.460	228	41516	0.39	ng		94
32) Bis(2-ethylhexyl)phtha...	21.337	149	47491	0.32	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.592	276	35965	0.35	ng		95
35) Benzo(b)fluoranthene	23.165	252	38330	0.40	ng	#	96
36) Benzo(k)fluoranthene	23.219	252	37046	0.39	ng		95
37) Benzo(a)pyrene	23.825	252	32528	0.38	ng	#	95
38) Dibenzo(a,h)anthracene	26.615	278	32154	0.37	ng	#	90
39) Benzo(g,h,i)perylene	27.398	276	32082	0.36	ng		93

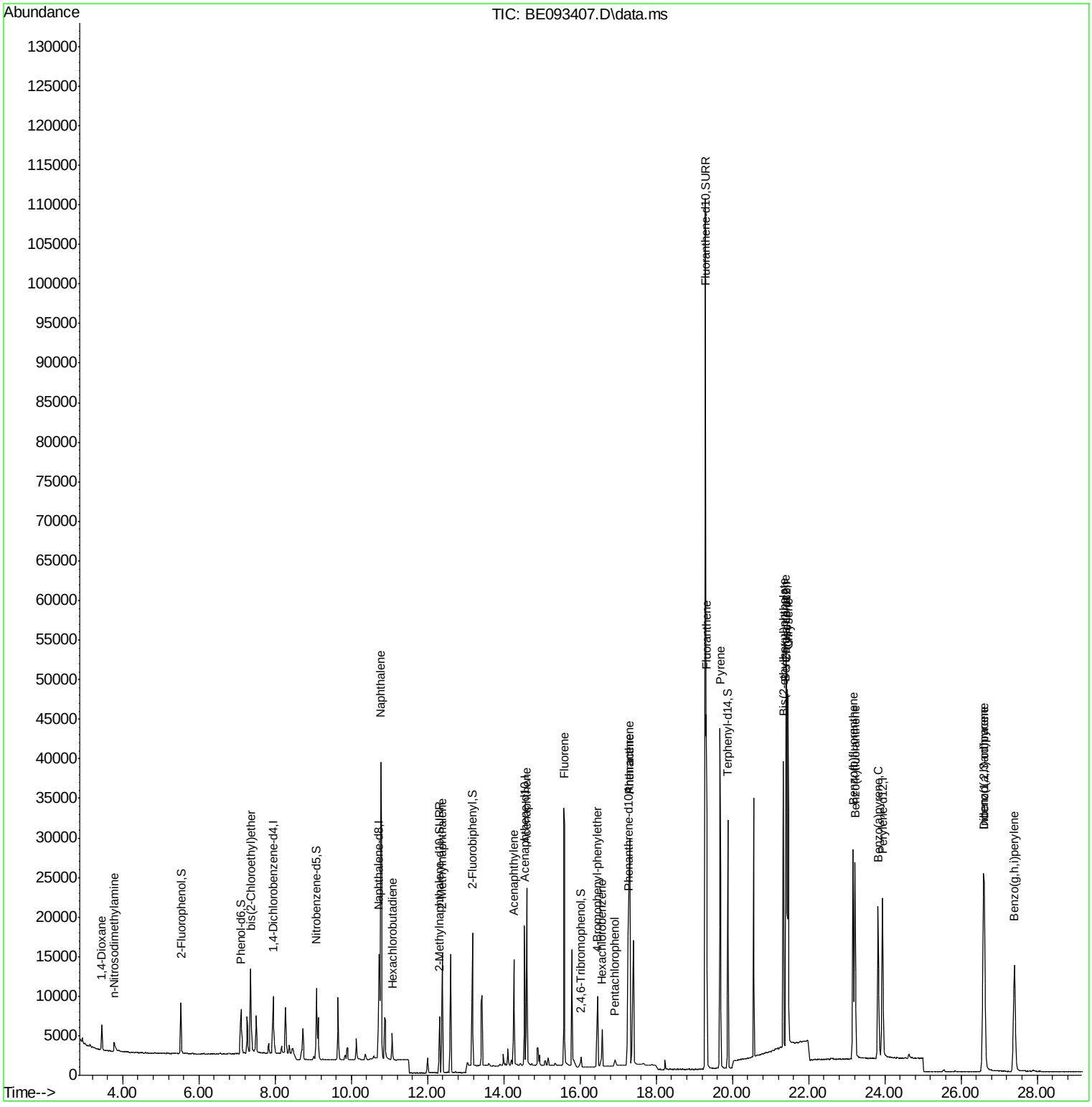
(#) = qualifier out of range (m) = manual integration (+) = signals summed

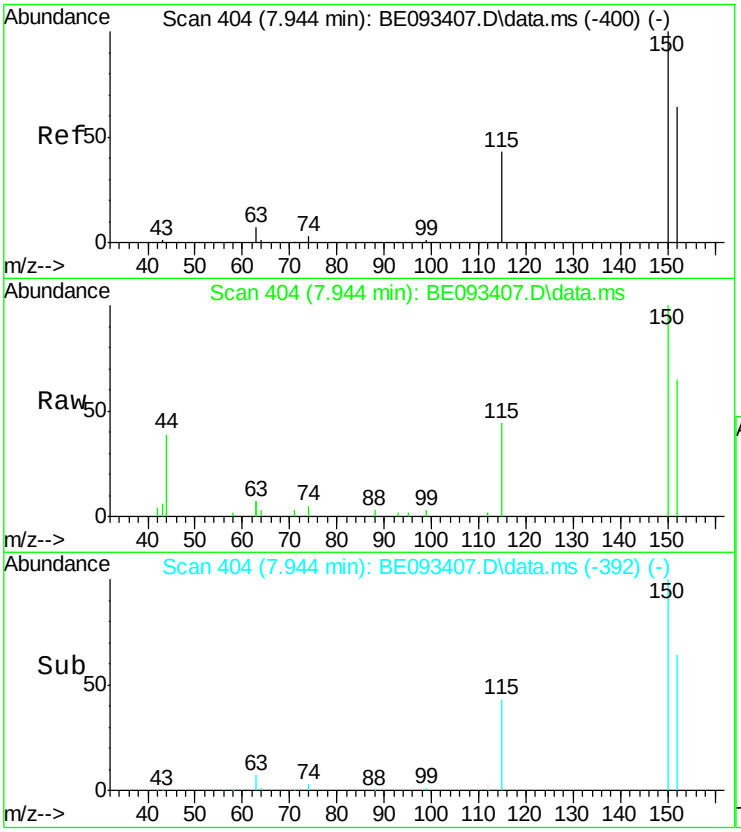
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE070217\
Data File : BE093407.D
Acq On : 2 Jul 2017 10:55
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 02 11:57:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 11:53:01 2017
Response via : Initial Calibration



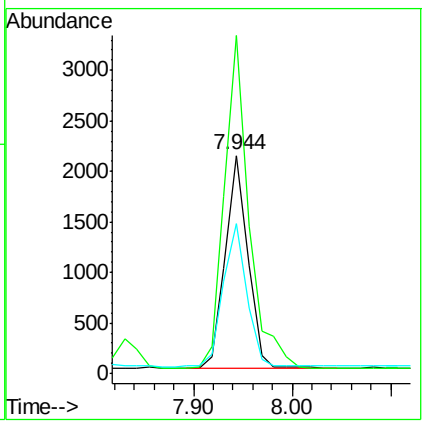


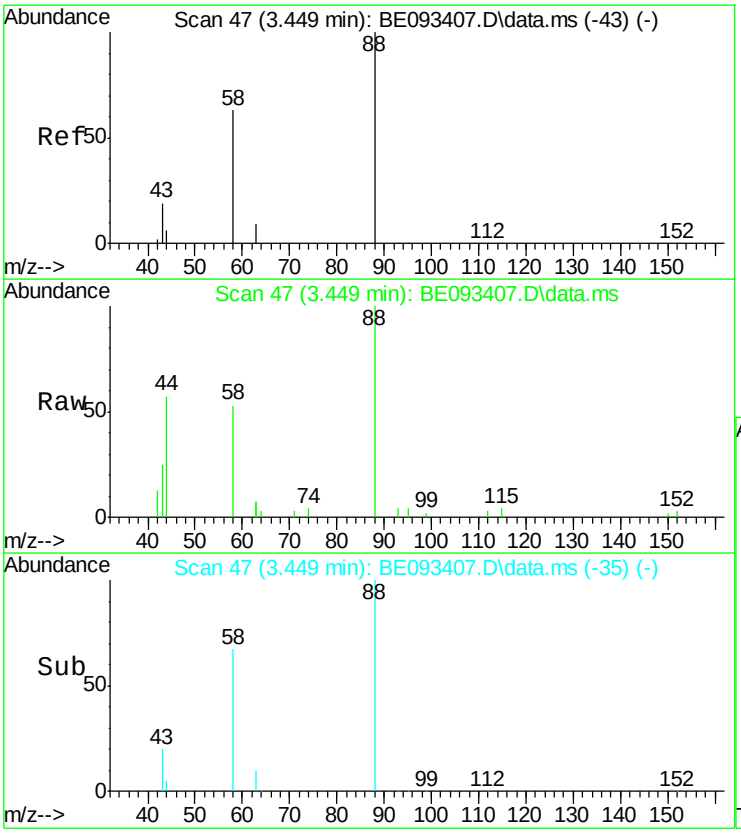
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.944 min Scan# 40
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3318

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.1	187.7
115	68.5	55.7	83.5

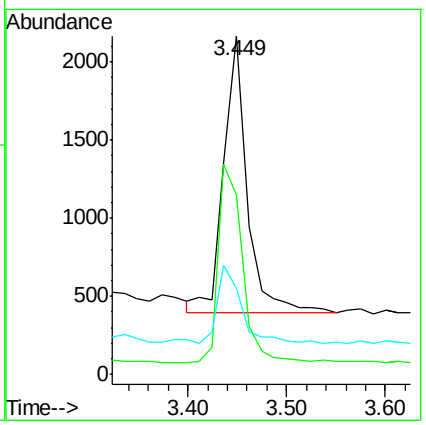


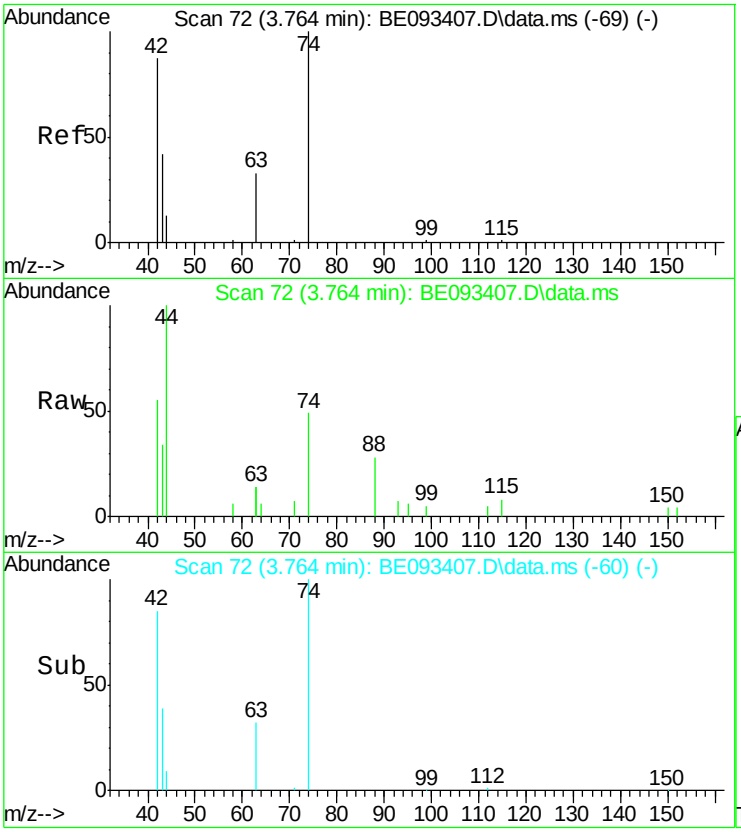


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.449 min Scan# 47
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion: 88 Resp: 2908

Ion	Ratio	Lower	Upper
88	100		
58	74.5	62.2	93.4
43	29.2	23.2	34.8



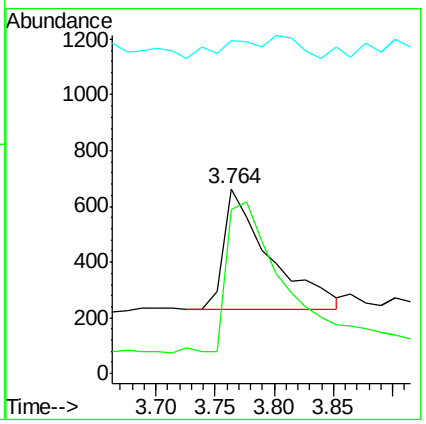


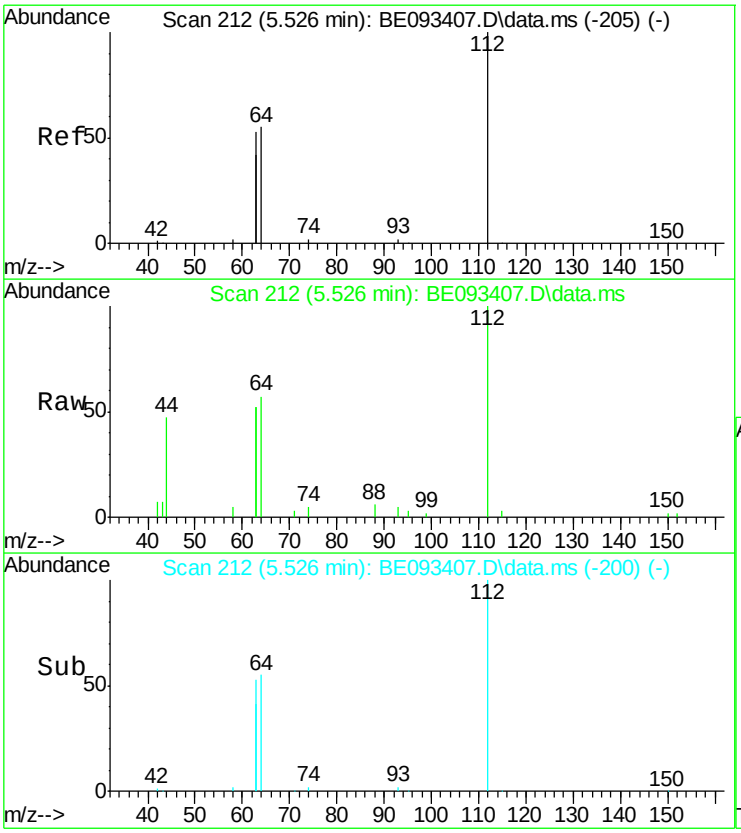
#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.764 min Scan# 72
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1170

Ion	Ratio	Lower	Upper
42	100		
74	159.1	99.1	148.7#
44	0.0	7.4	11.2#

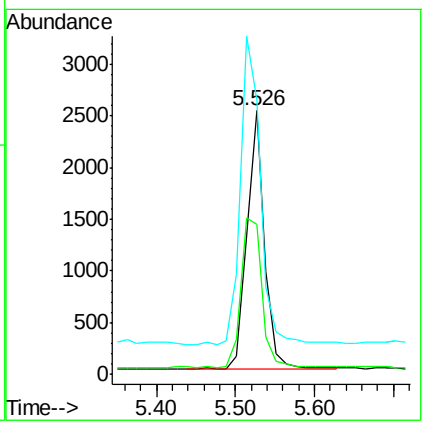


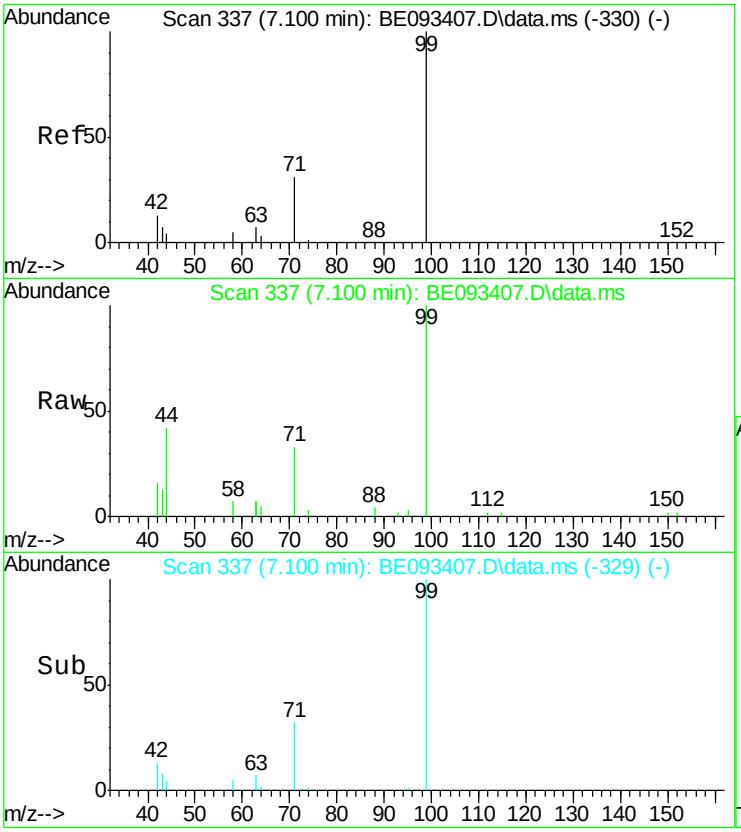


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.526 min Scan# 212
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:112 Resp: 3906

Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.4	84.6
63	134.8	29.3	43.9#



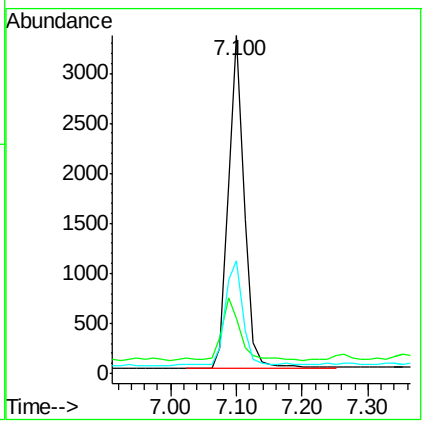


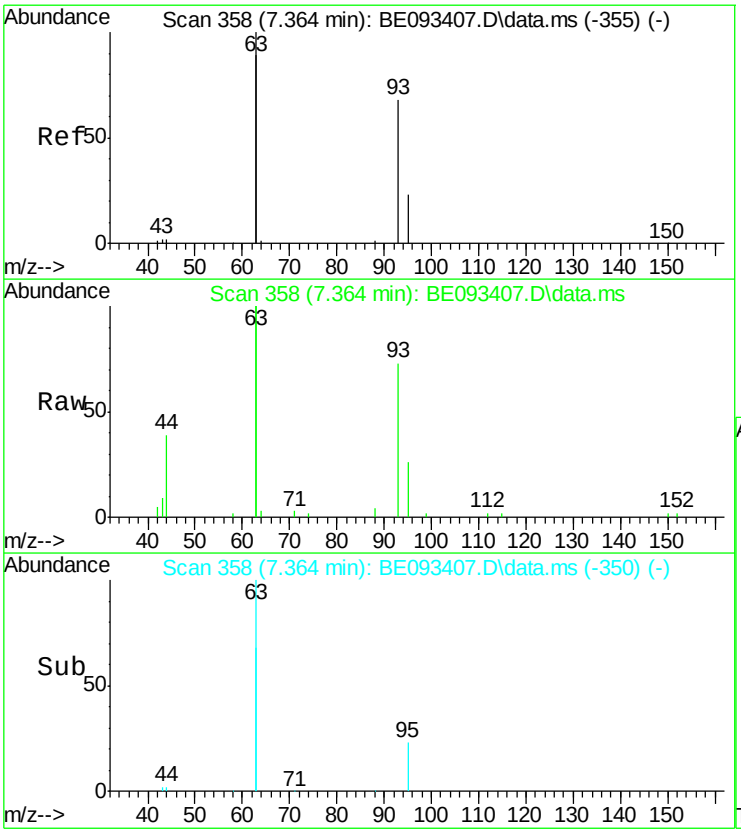
#5
Phenol-d6
Concen: 0.36 ng
RT: 7.100 min Scan# 33
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 5527

Ion	Ratio	Lower	Upper
99	100		
42	22.8	0.0	0.0#
71	33.8	0.0	0.0#

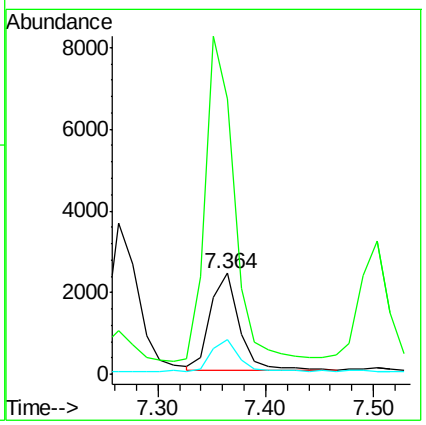


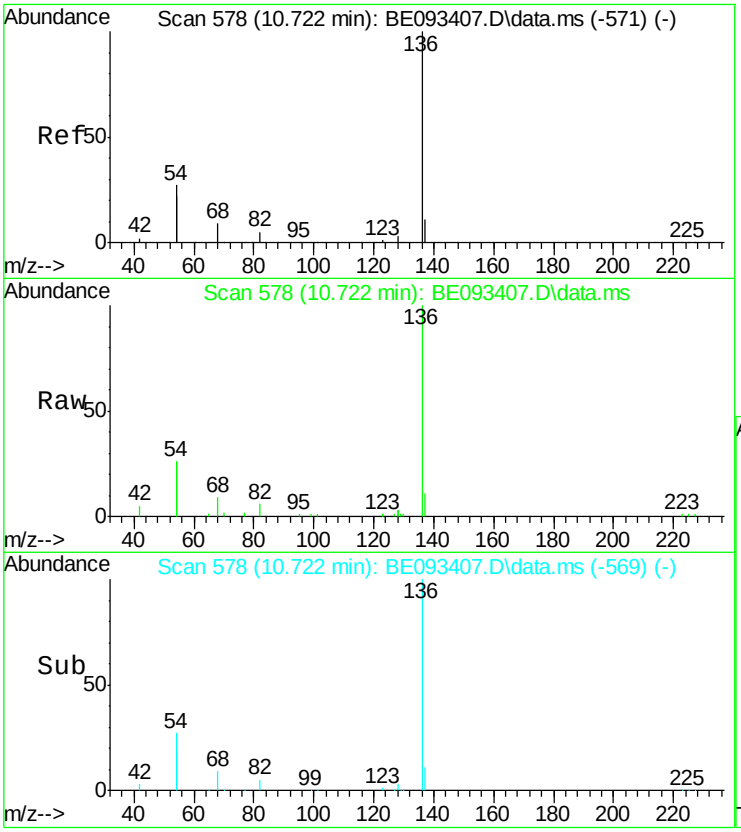


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.364 min Scan# 358
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion: 93 Resp: 4333

Ion	Ratio	Lower	Upper
93	100		
63	341.6	0.0	0.0#
95	33.1	25.4	38.0



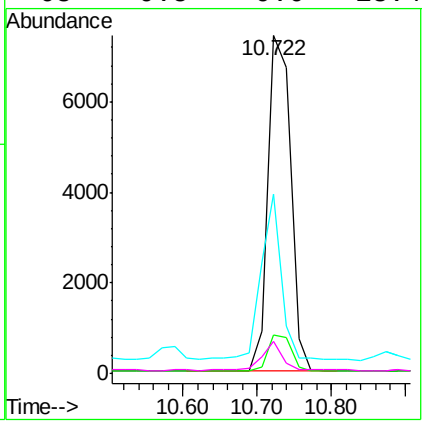


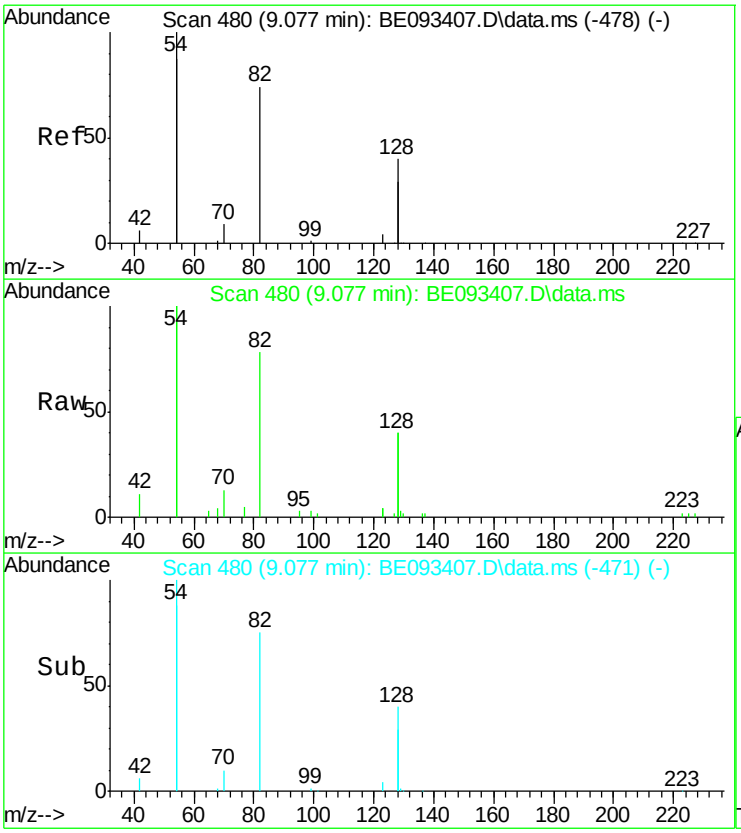
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.722 min Scan# 57
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 15939

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	52.9	10.3	15.5#
68	9.5	9.0	13.4

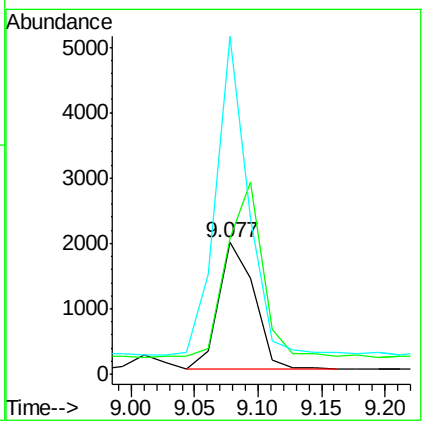


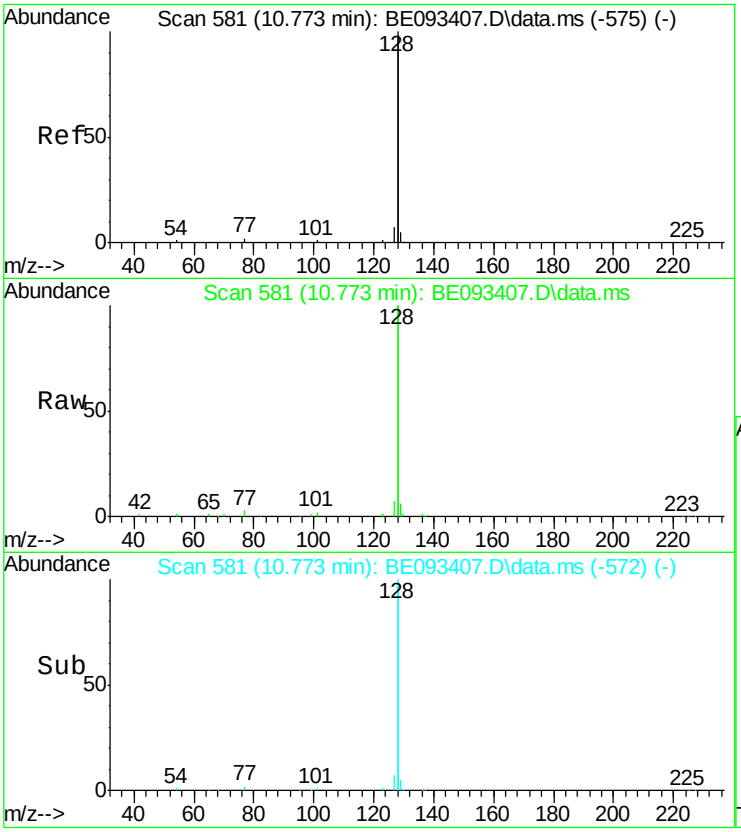


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 9.077 min Scan# 480
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion: 82 Resp: 3771

Ion	Ratio	Lower	Upper
82	100		
128	102.9	17.0	25.4#
54	257.1	53.8	80.6#



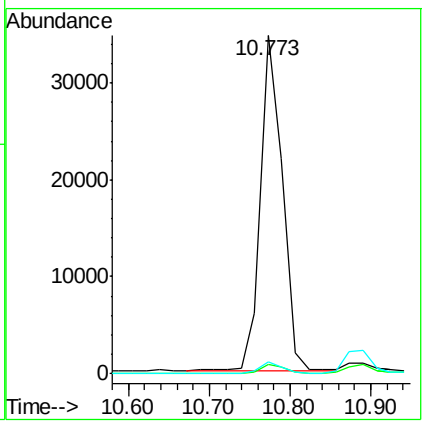


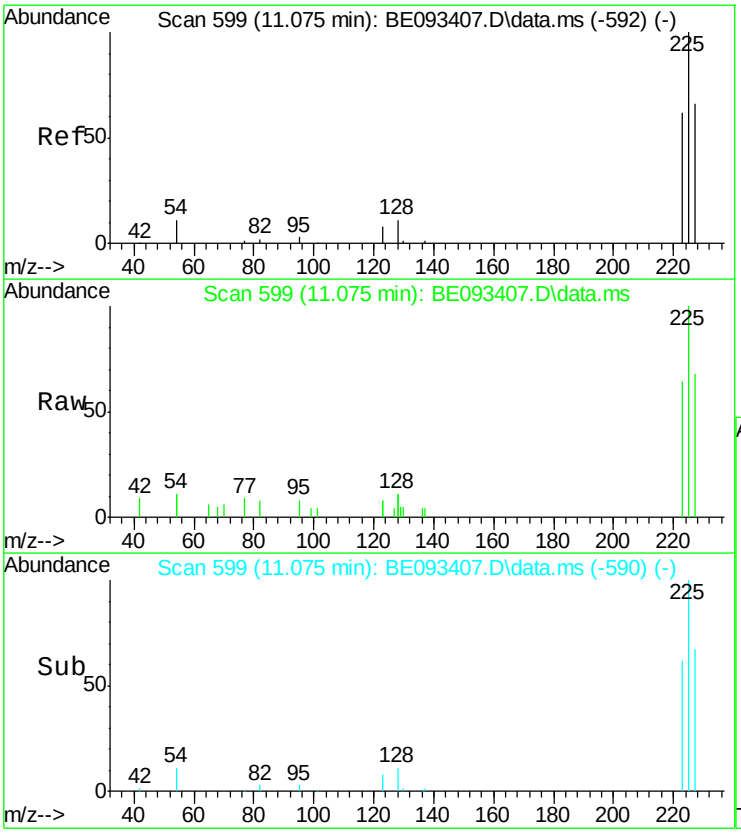
#9
Naphthalene
Concen: 0.39 ng
RT: 10.773 min Scan# 58
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 65088

Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.5	11.2	16.8#

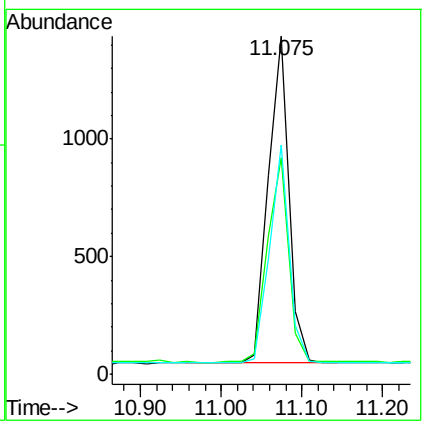


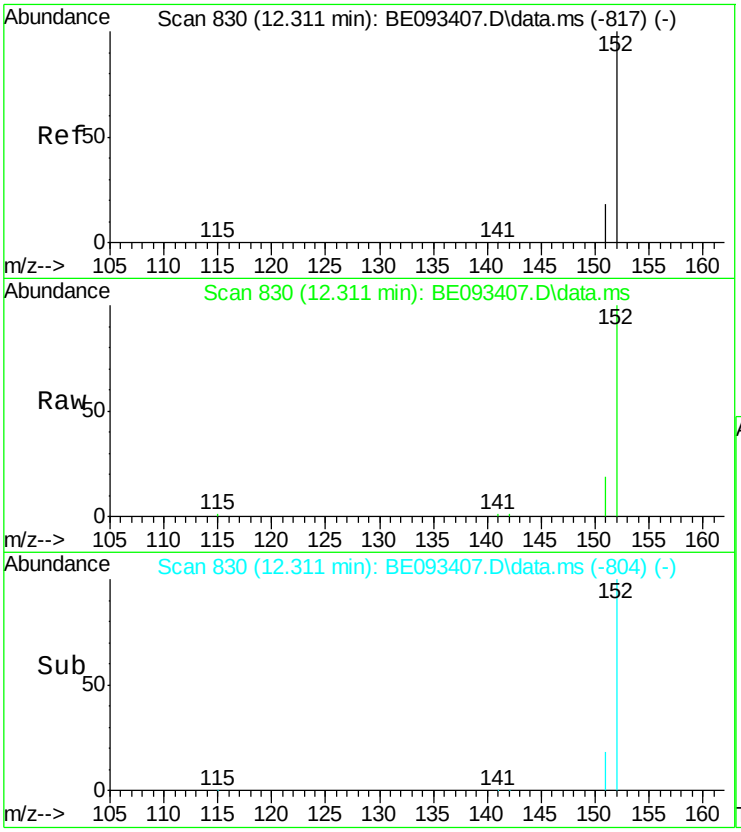


#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 11.075 min Scan# 599
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:225 Resp: 2496

Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	62.7	50.3	75.5



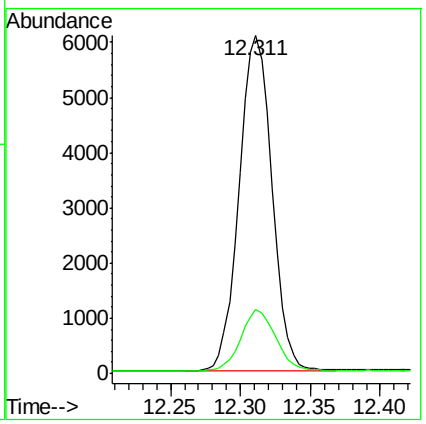


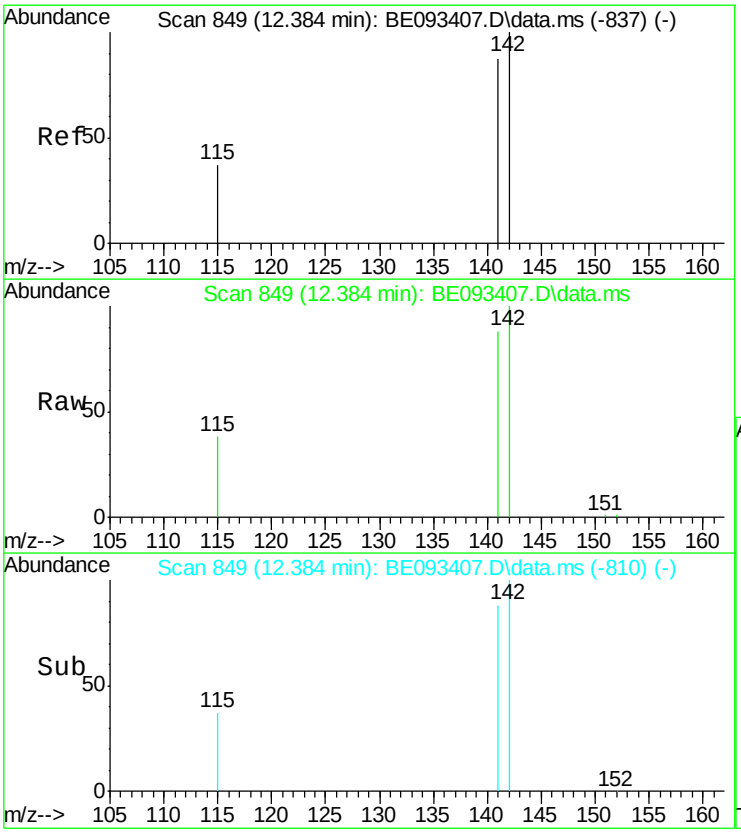
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.311 min Scan# 83
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 9847

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

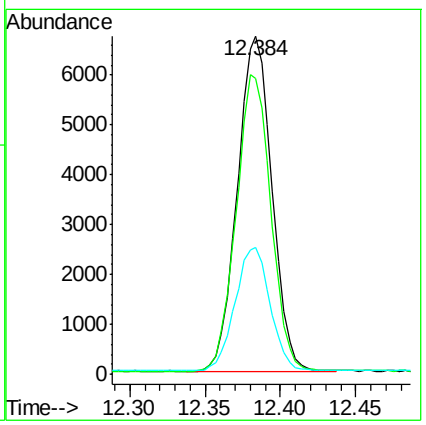


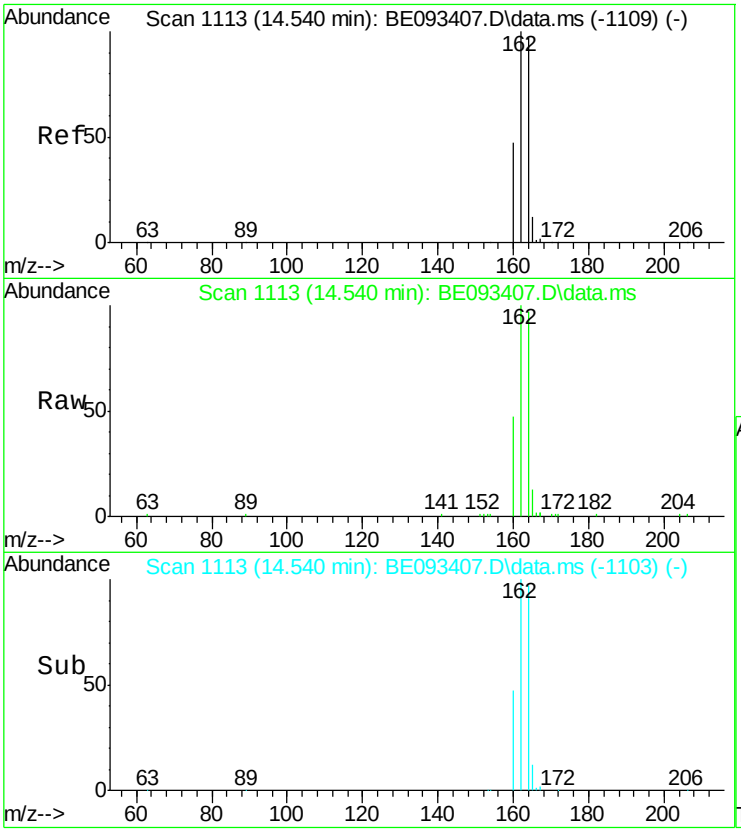


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.384 min Scan# 849
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:142 Resp: 10808

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	108.8
115	37.6	32.2	48.2



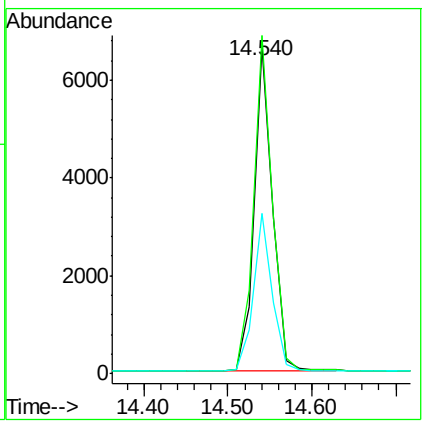


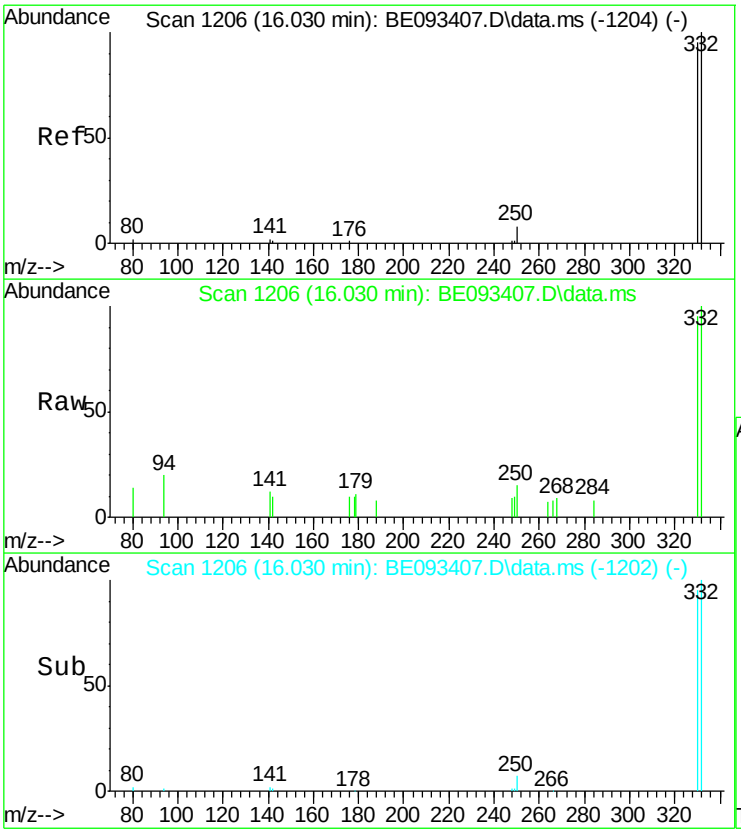
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.540 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10158

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.6	127.0
160	49.0	41.8	62.6

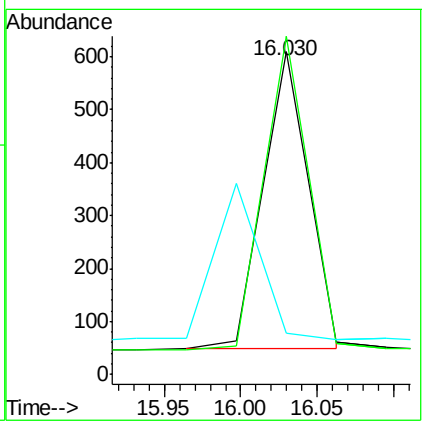


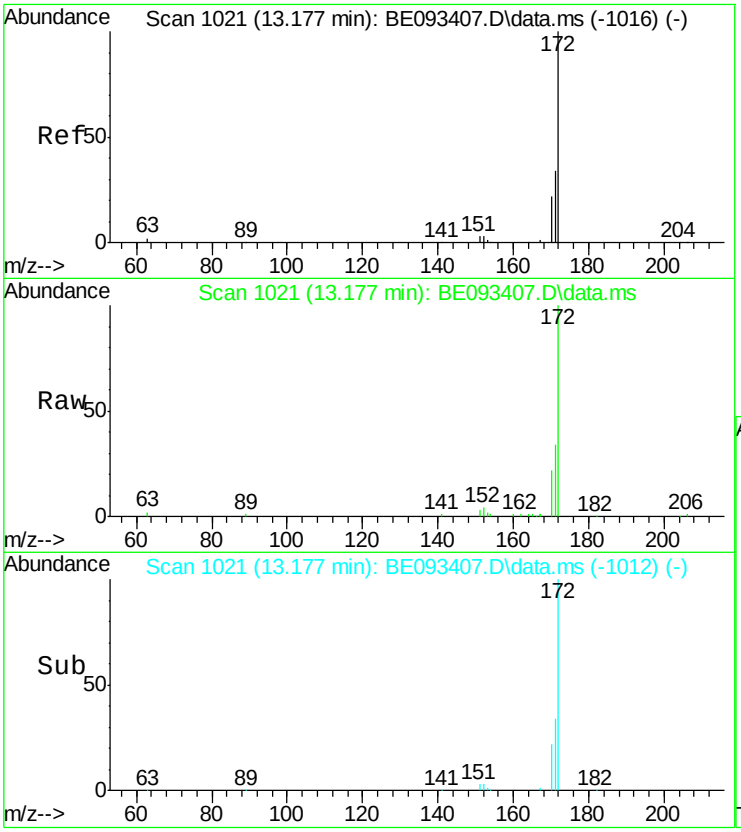


#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 16.030 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:330 Resp: 1152

Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.7	116.5
141	0.0	56.2	84.4#



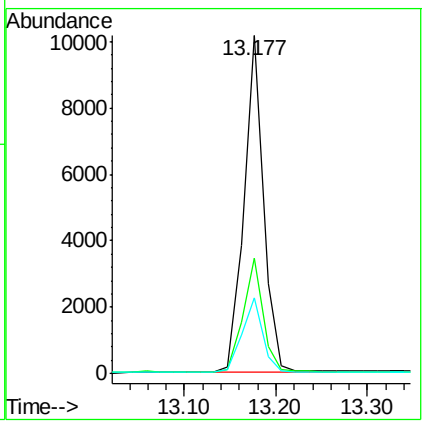


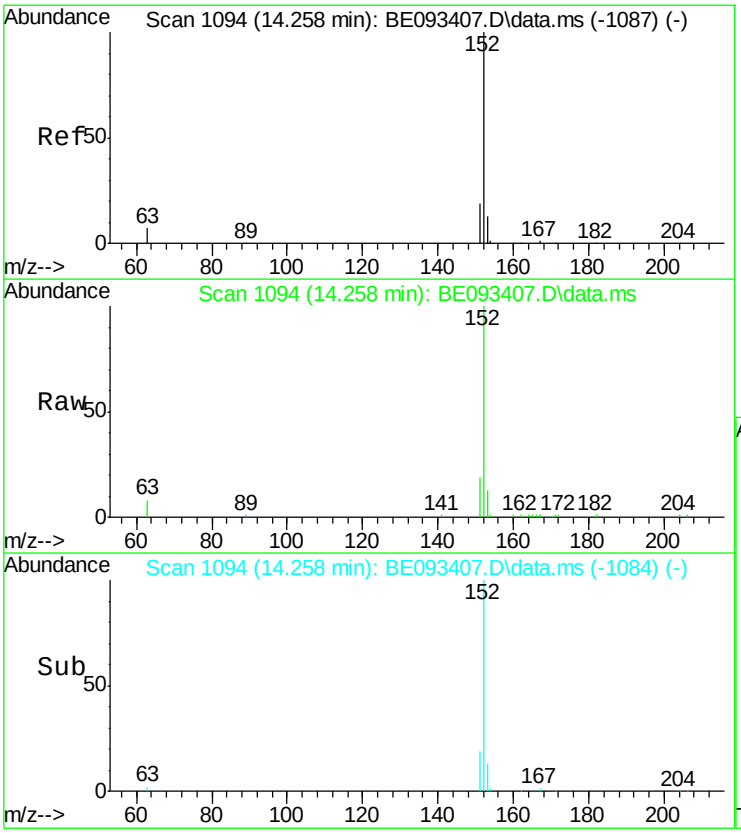
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.177 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 15189

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.8	44.6
170	22.3	20.7	31.1

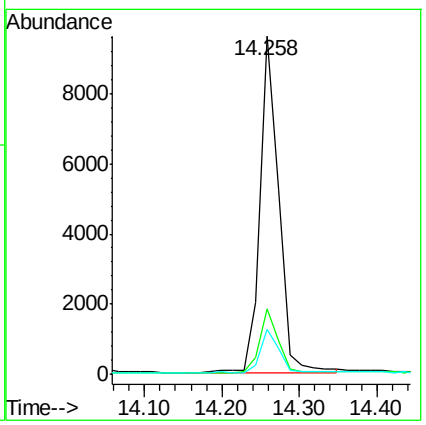


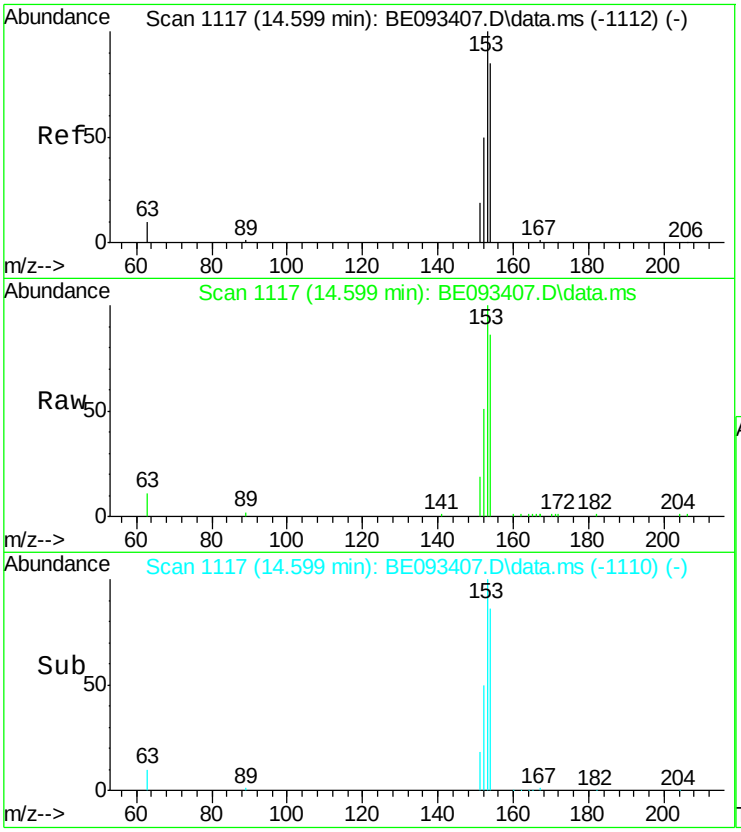


#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.258 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:152 Resp: 16013

Ion	Ratio	Lower	Upper
152	100		
151	18.7	4.0	6.0#
153	12.4	10.3	15.5



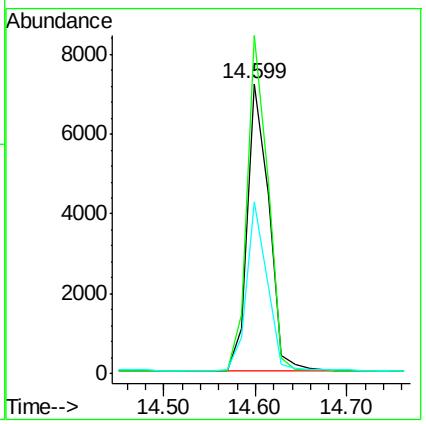


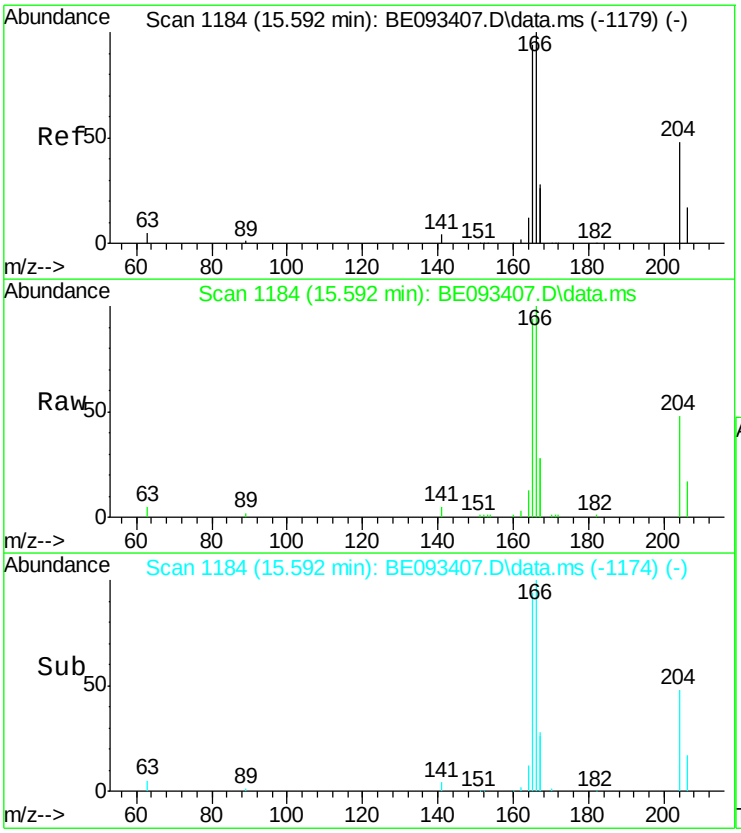
#17
Acenaphthene
Concen: 0.38 ng
RT: 14.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 11873

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.2	136.8
152	55.6	44.8	67.2

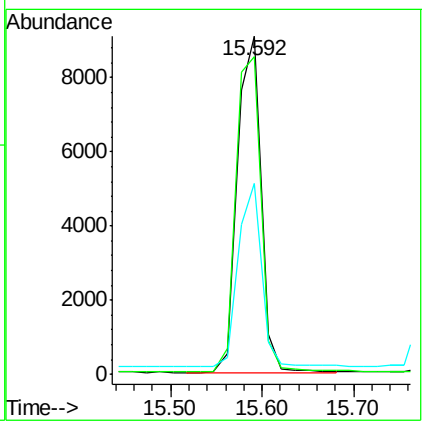


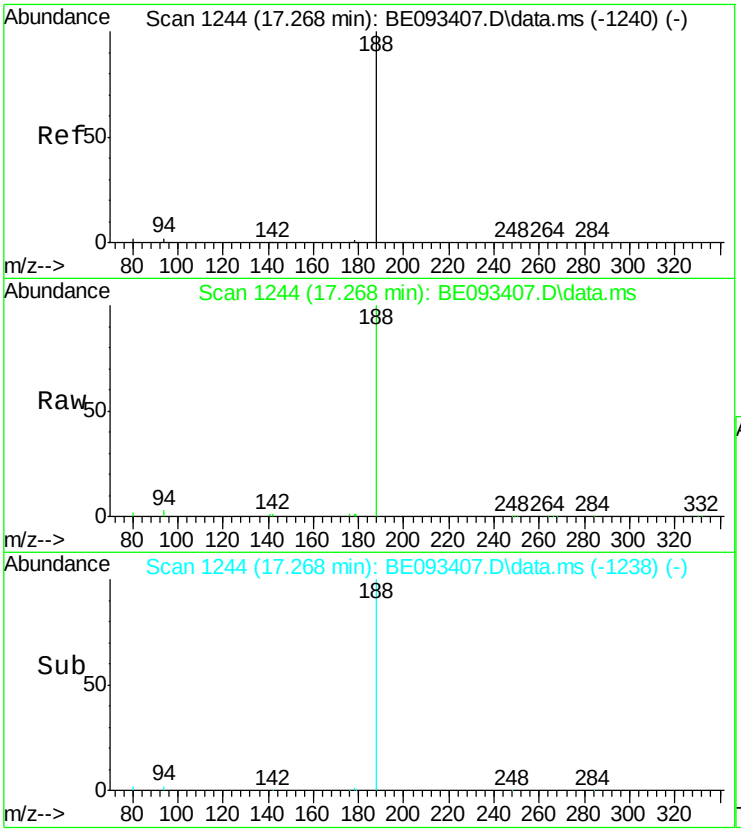


#18
Fluorene
Concen: 0.38 ng
RT: 15.592 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:166 Resp: 16402

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	53.8	11.1	16.7#



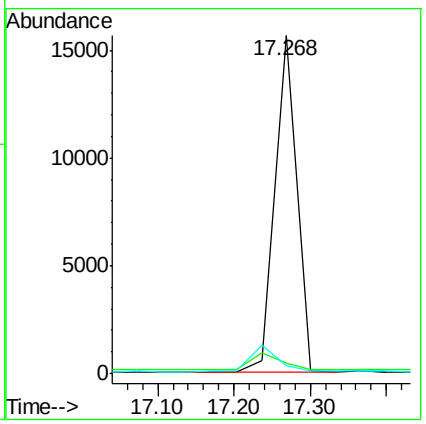


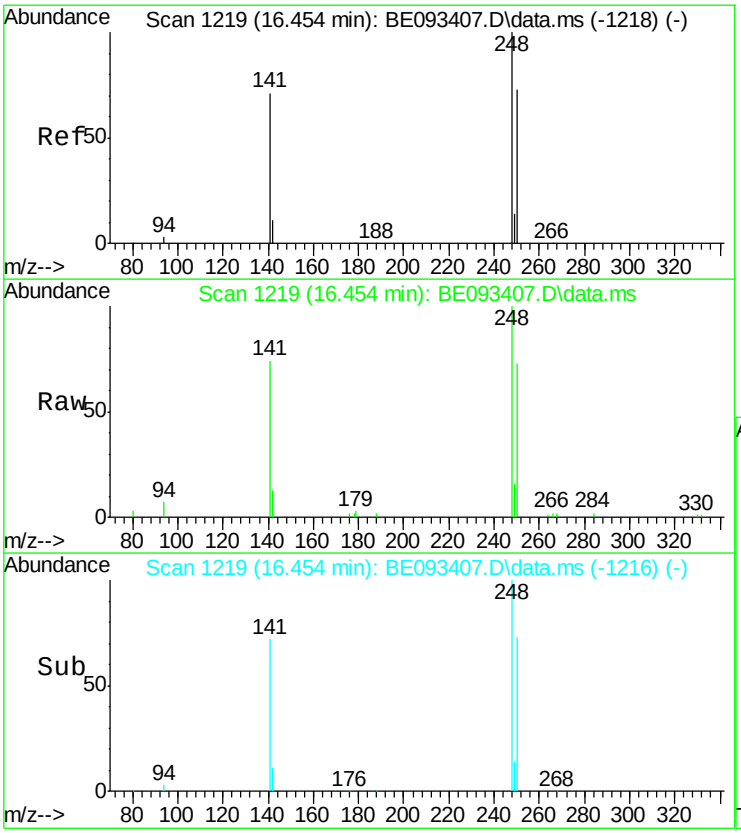
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.268 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 31866

Ion	Ratio	Lower	Upper
188	100		
94	3.2	11.3	16.9#
80	2.2	11.7	17.5#

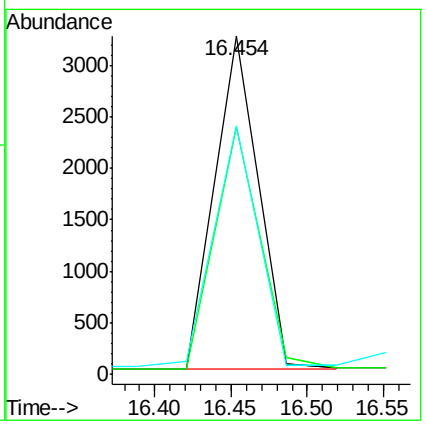


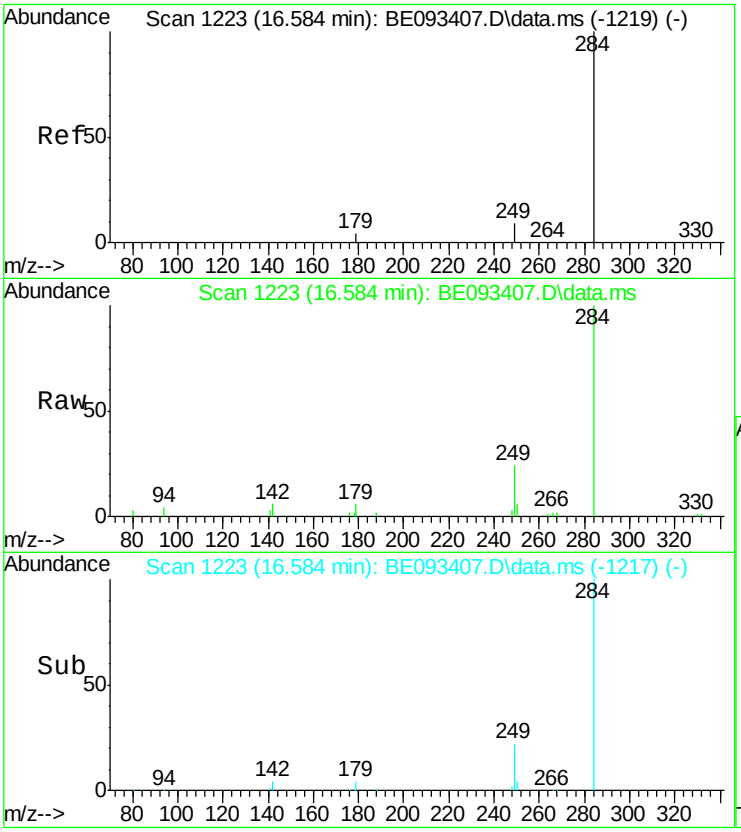


#20
4-Bromophenyl-phenylether
Concen: 0.81 ng
RT: 16.454 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:248 Resp: 6455

Ion	Ratio	Lower	Upper
248	100		
250	73.1	40.8	61.2#
141	73.6	161.6	242.4#



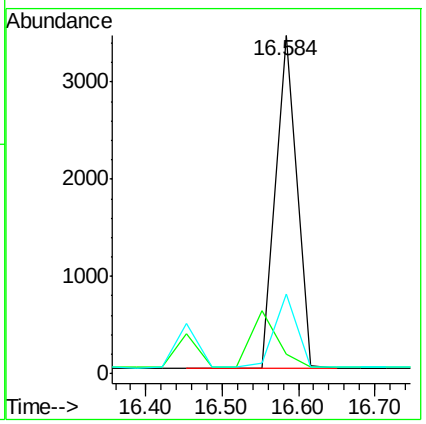


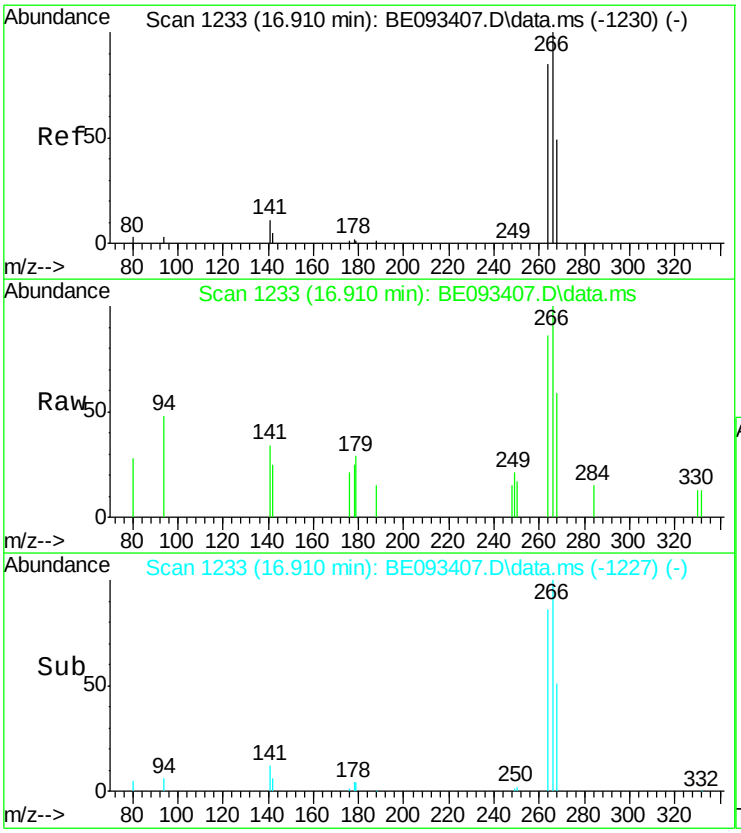
#21
Hexachlorobenzene
Concen: 0.56 ng
RT: 16.584 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 6769

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	22.9	0.0	0.0#

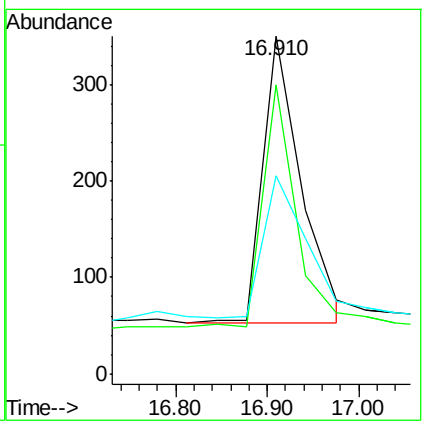


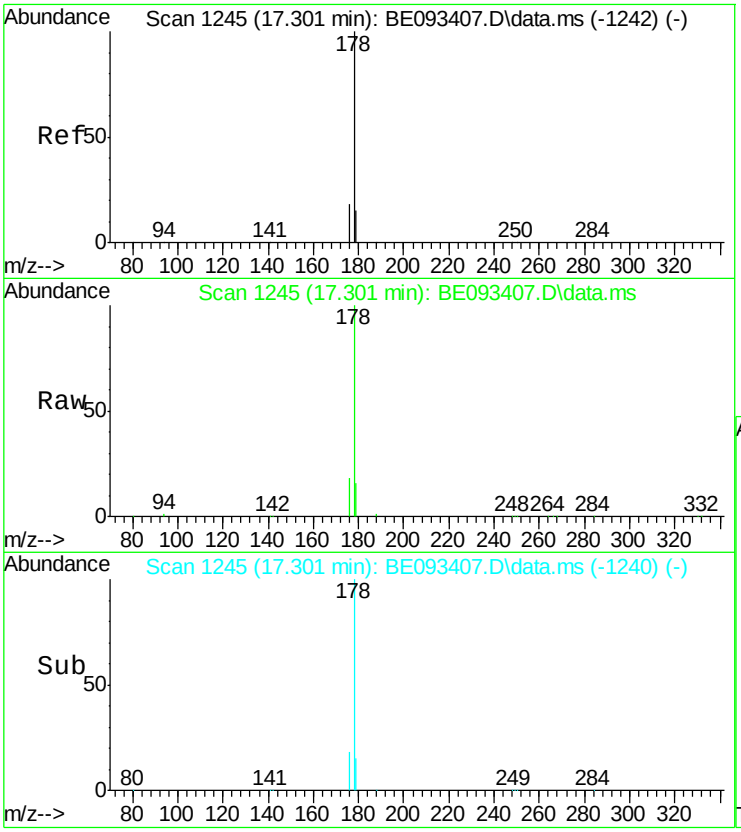


#22
Pentachlorophenol
Concen: 0.67 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:266 Resp: 864

Ion	Ratio	Lower	Upper
266	100		
264	85.7	58.2	87.2
268	58.6	71.9	107.9#



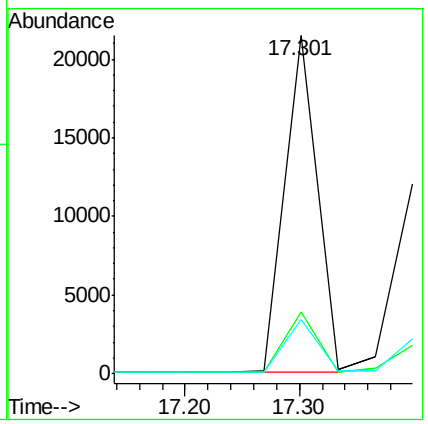


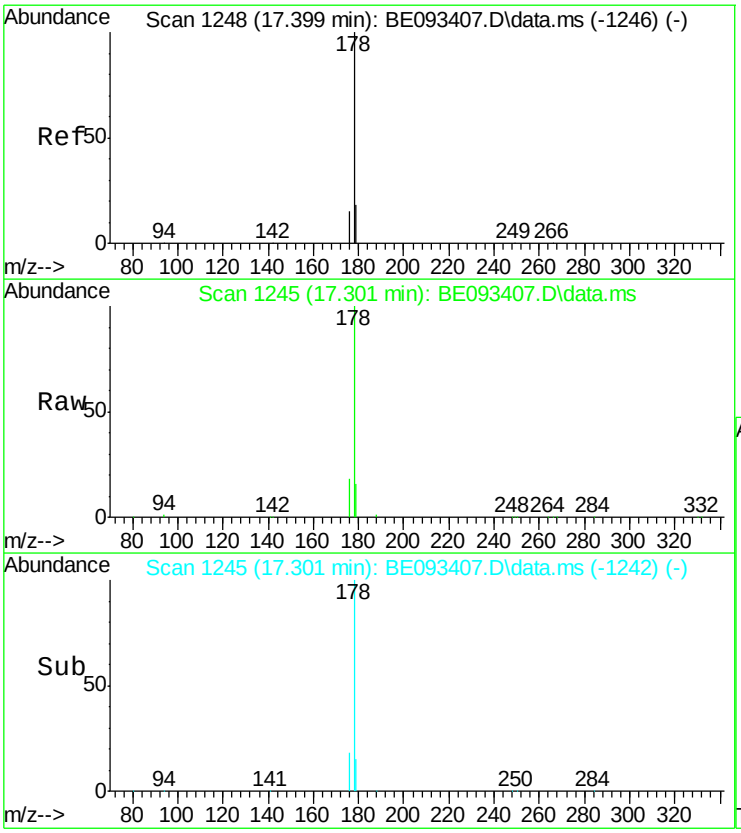
#23
Phenanthrene
Concen: 0.55 ng
RT: 17.301 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 42473

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.5	12.7	19.1

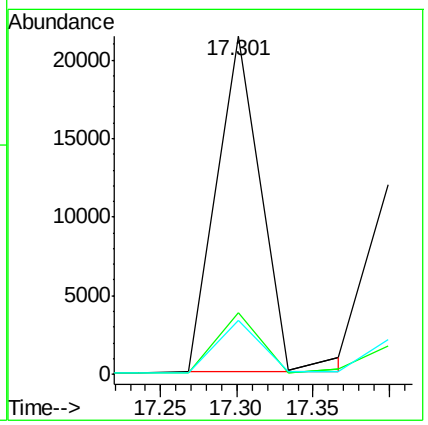


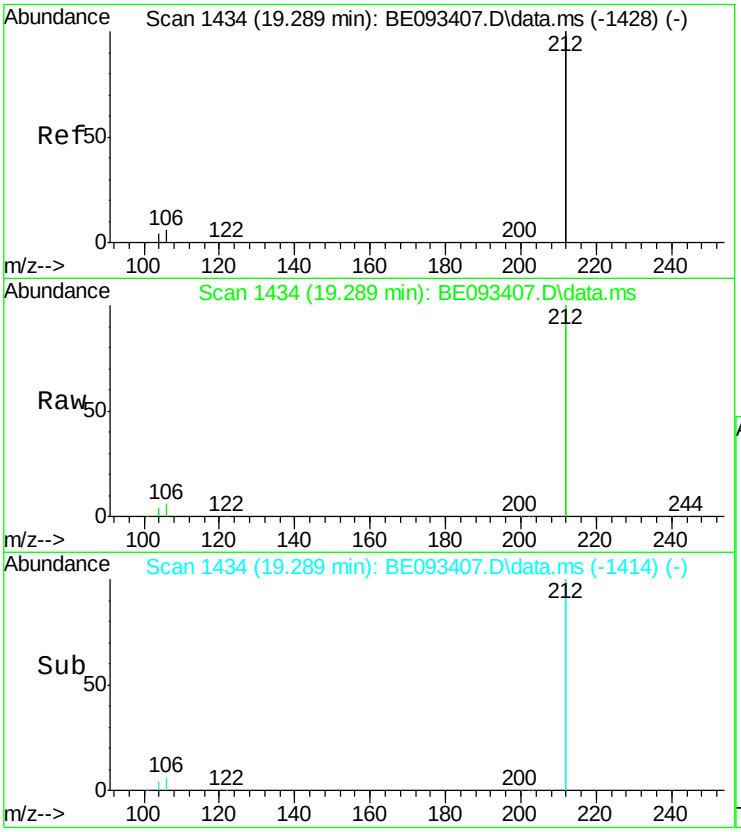


#24
Anthracene
Concen: 0.56 ng
RT: 17.301 min Scan# 1245
Delta R.T. -0.098 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:178 Resp: 43332

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.1	12.0	18.0



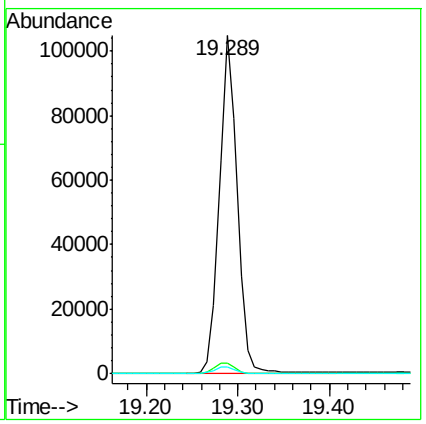


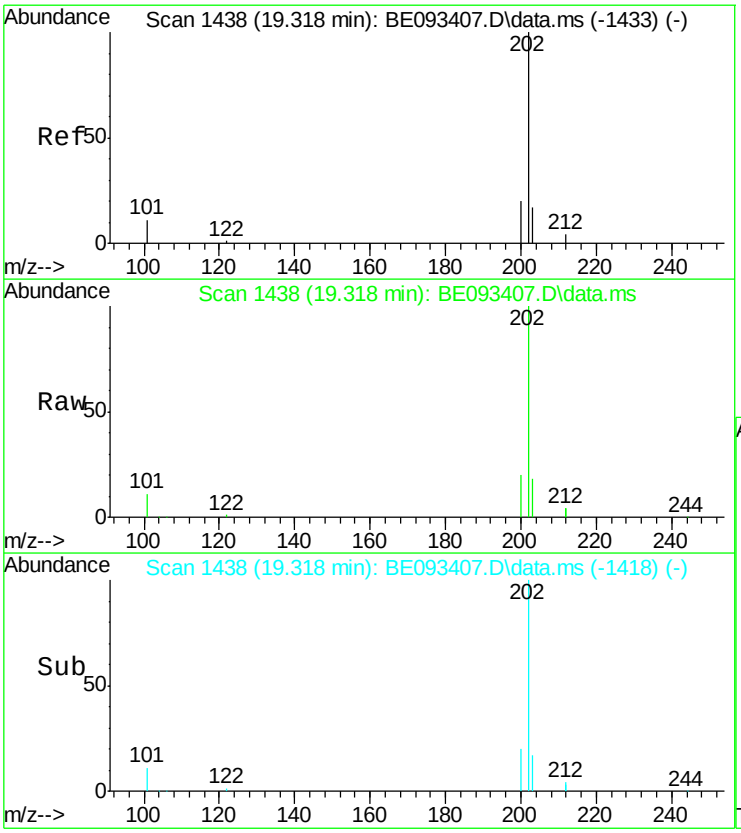
#25
Fluoranthene-d10
Concen: 0.48 ng
RT: 19.289 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 140712

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

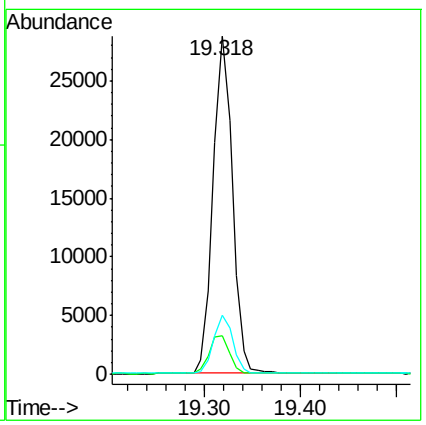


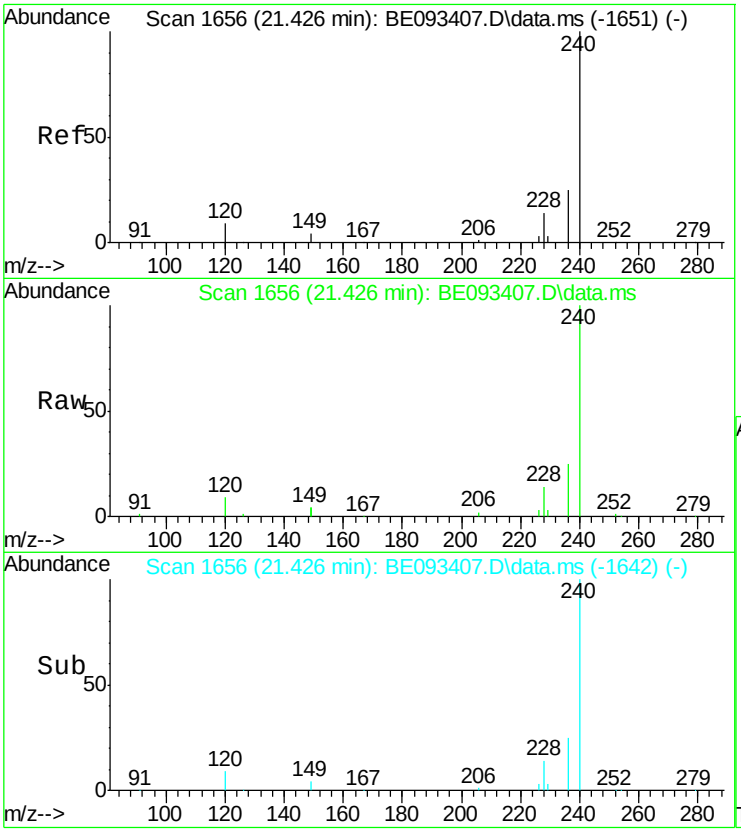


#26
Fluoranthene
Concen: 0.48 ng
RT: 19.318 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:202 Resp: 39684

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.3	14.4	21.6



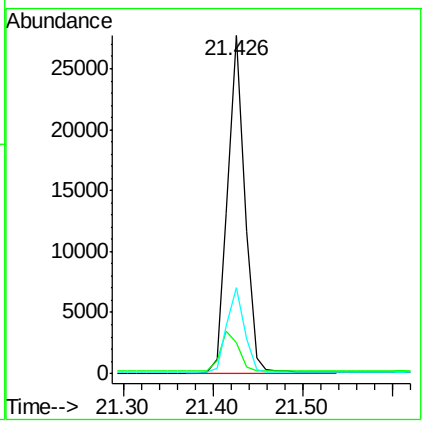


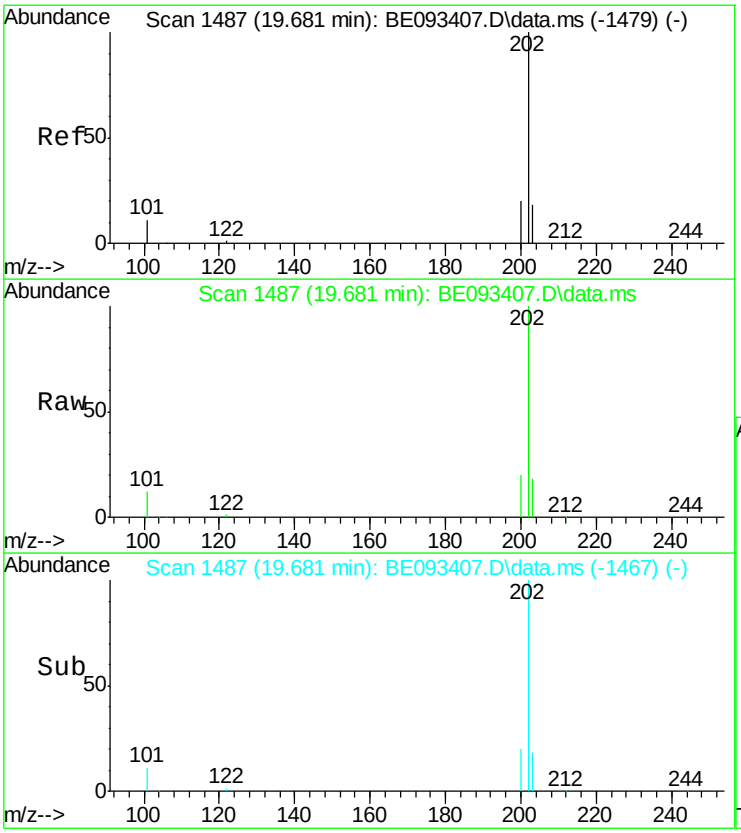
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.426 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 37223

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.6	7.0#
236	25.4	20.8	31.2

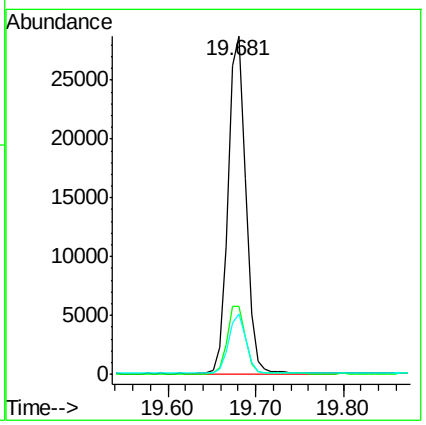


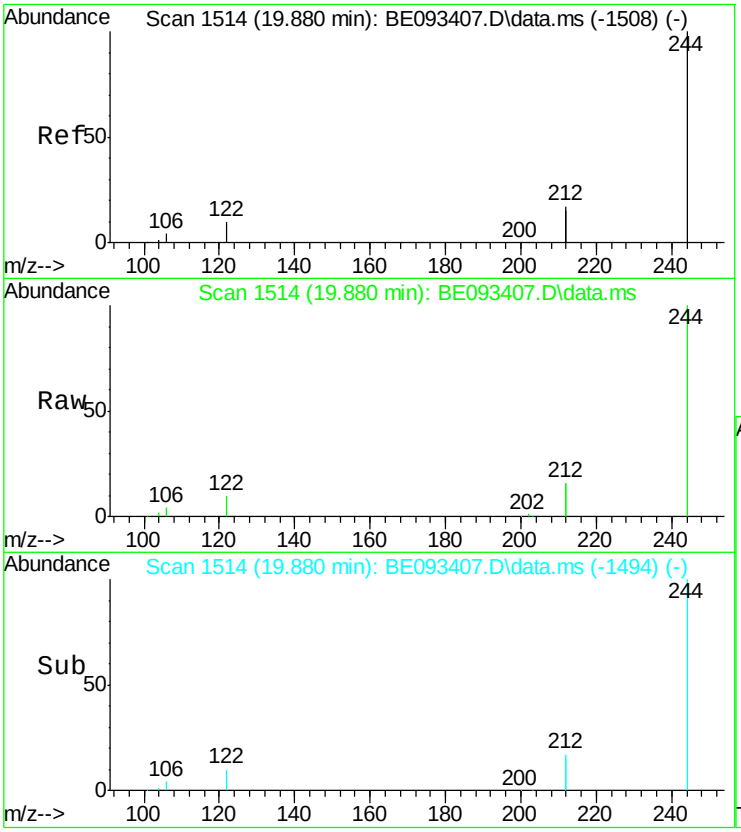


#28
Pyrene
Concen: 0.42 ng
RT: 19.681 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:202 Resp: 40937

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.5	13.7	20.5



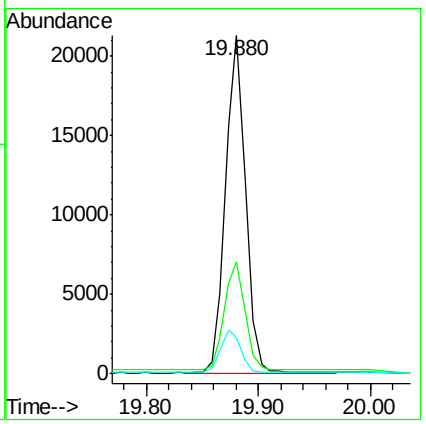


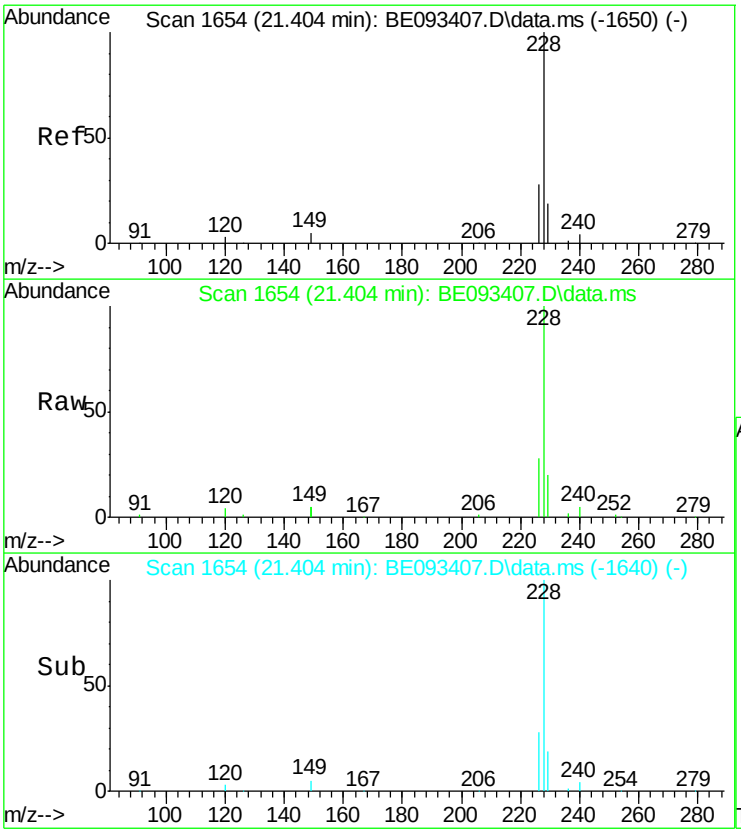
#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.880 min Scan# 15
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 26136

Ion	Ratio	Lower	Upper
244	100		
212	32.9	10.6	16.0#
122	10.5	15.4	23.0#

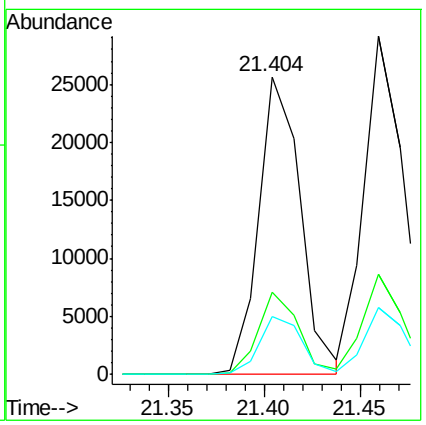


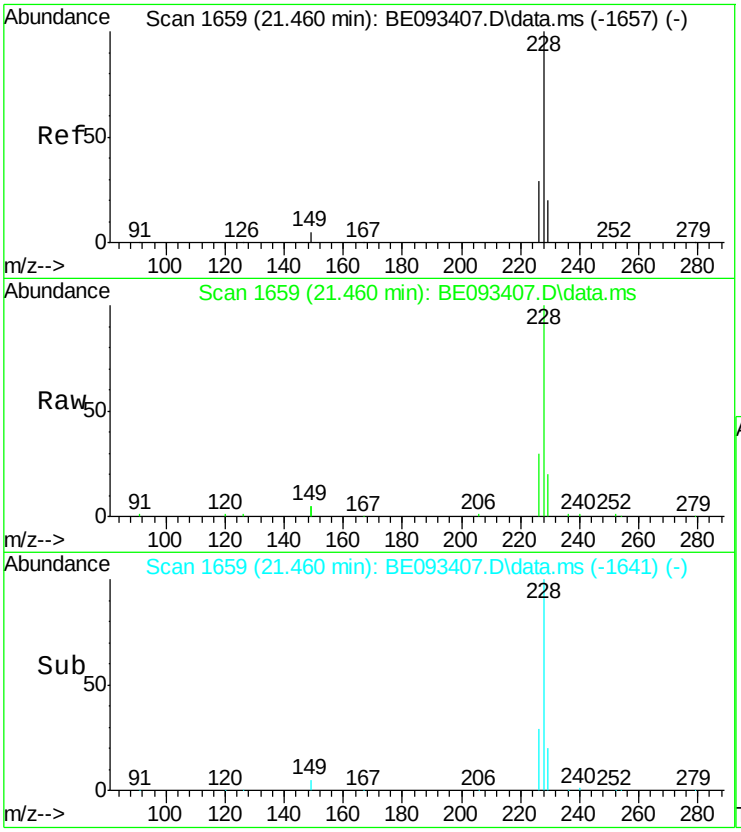


#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.404 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:228 Resp: 38266

Ion	Ratio	Lower	Upper
228	100		
226	27.7	19.7	29.5
229	19.6	19.2	28.8



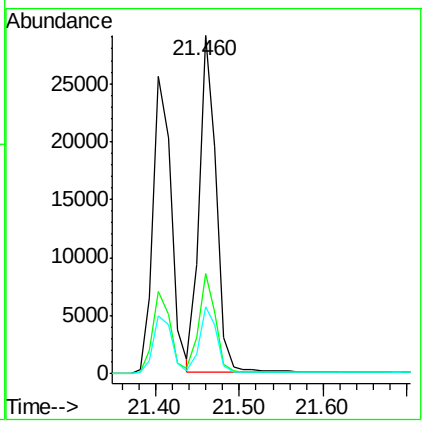


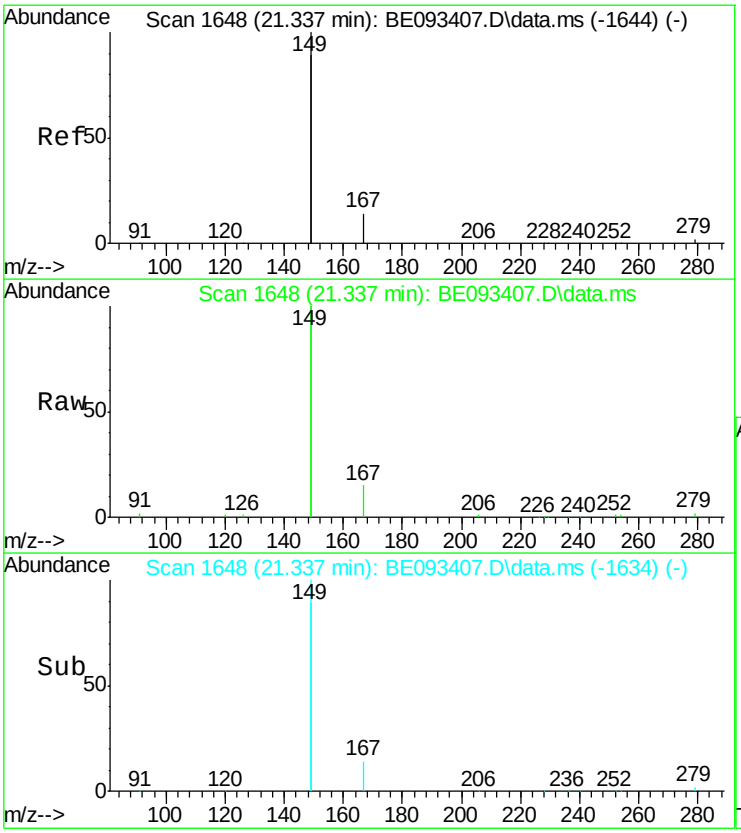
#31
Chrysene
Concen: 0.39 ng
RT: 21.460 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 41516

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.5	32.3
229	19.8	18.6	28.0

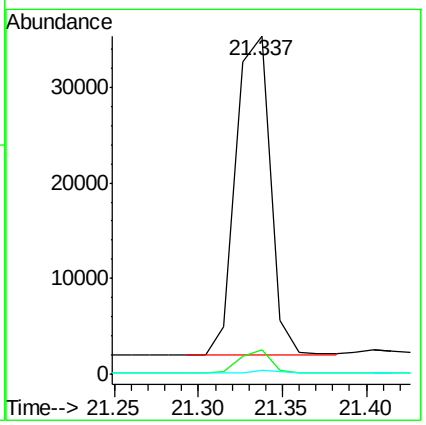


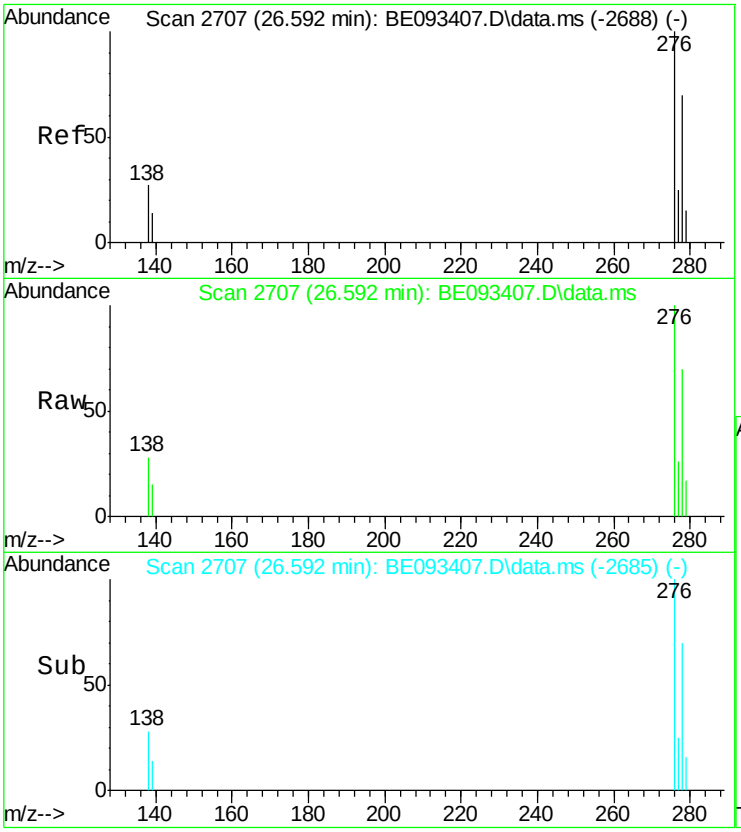


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.337 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:149 Resp: 47491

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#



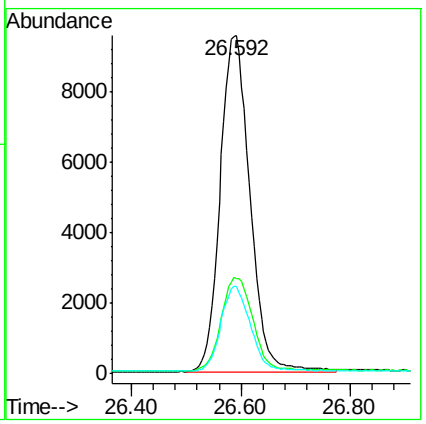


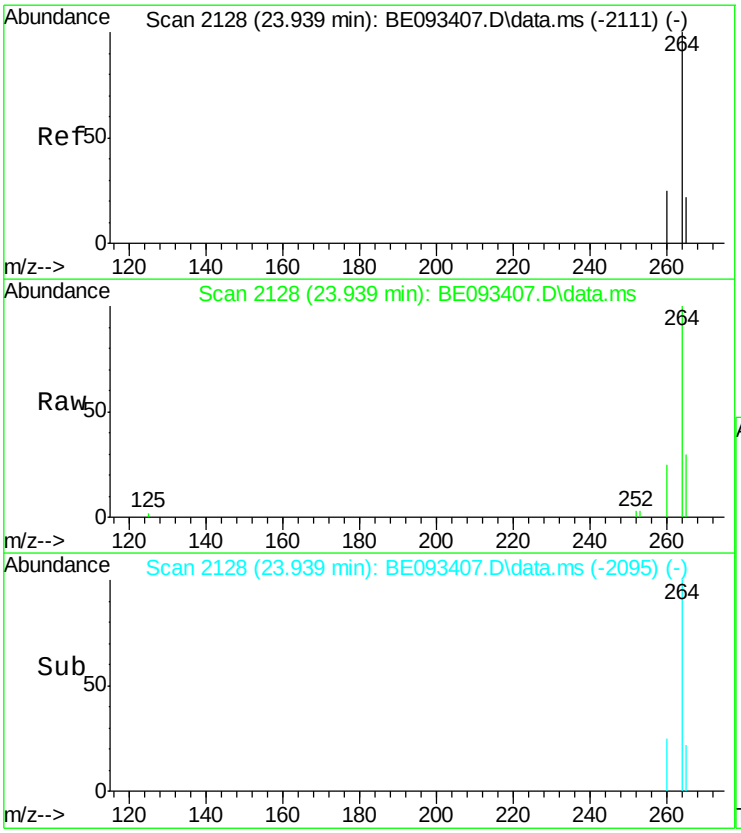
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.592 min Scan# 27
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 35965

Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.4	41.2
277	24.9	20.1	30.1

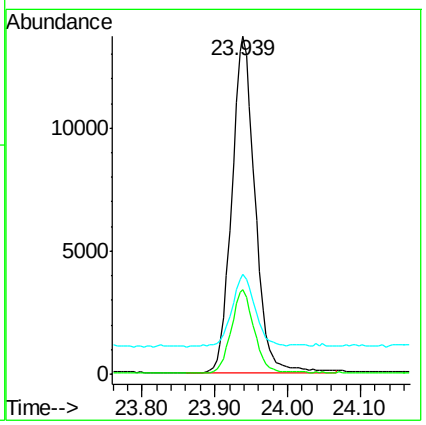


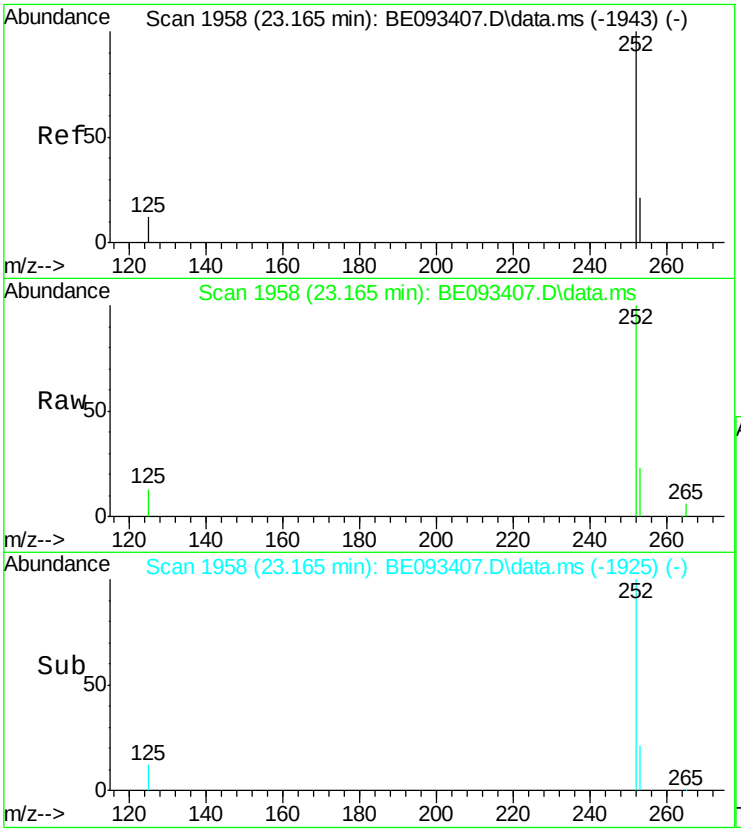


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.939 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:264 Resp: 30397

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	29.7	24.6	36.8



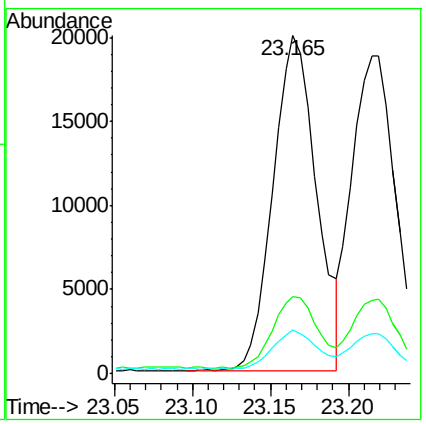


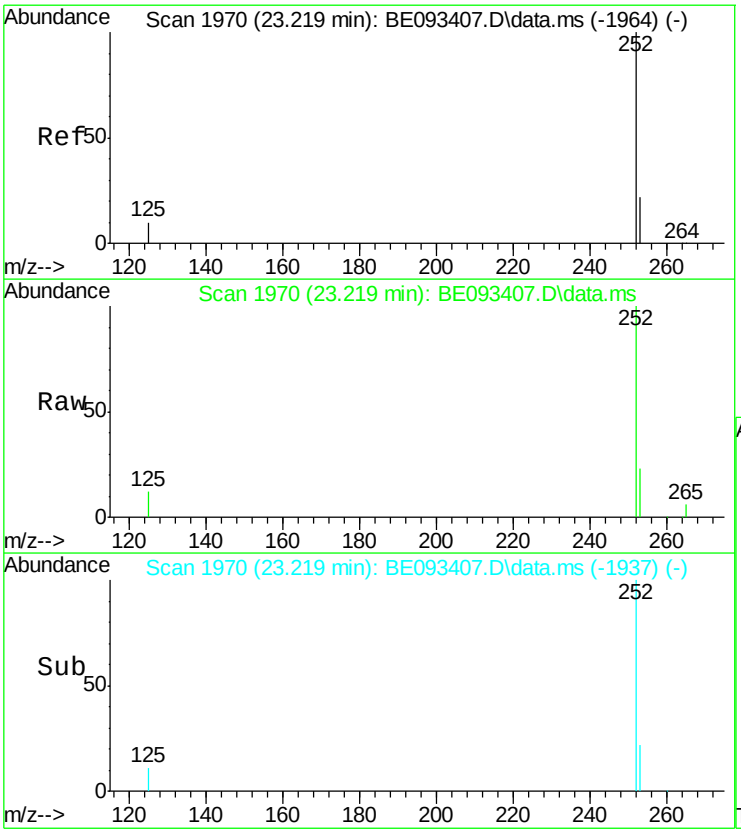
#35
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.165 min Scan# 19
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 38330

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	12.8	13.4	20.0#

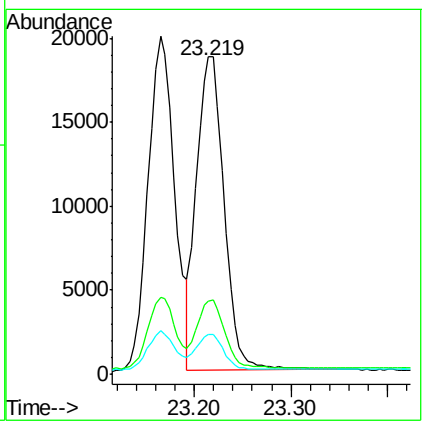


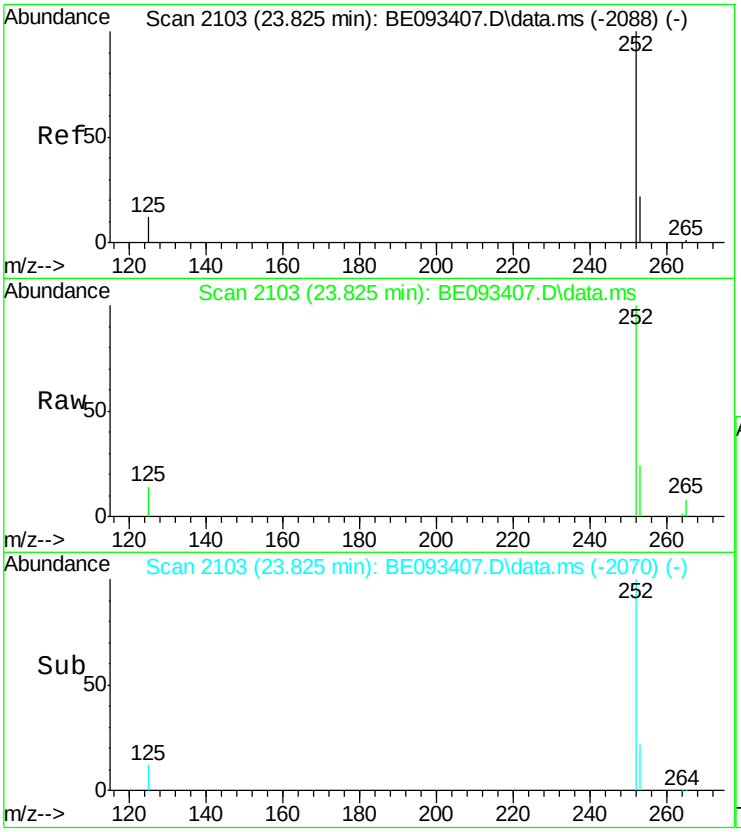


#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.219 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:252 Resp: 37046

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	12.4	12.2	18.4



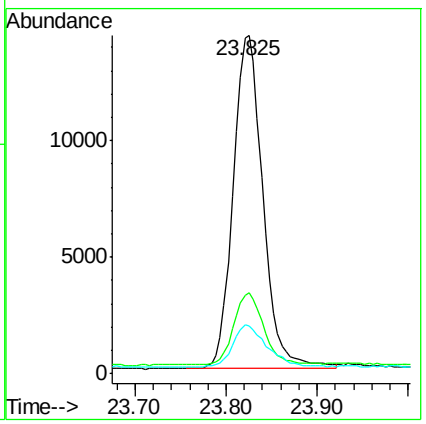


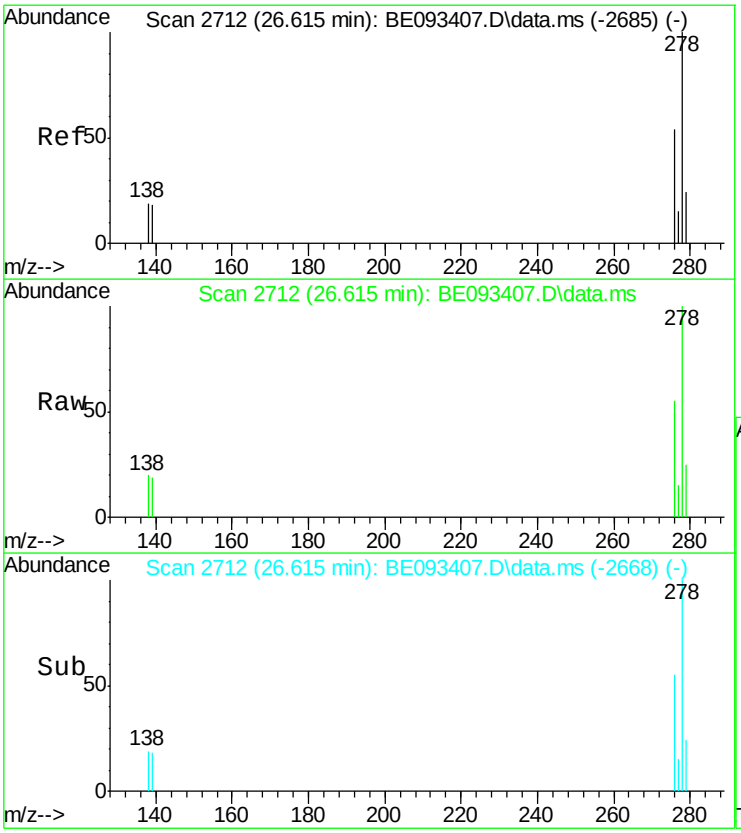
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.825 min Scan# 21
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 32528

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.9	29.9
125	14.0	14.6	21.8#

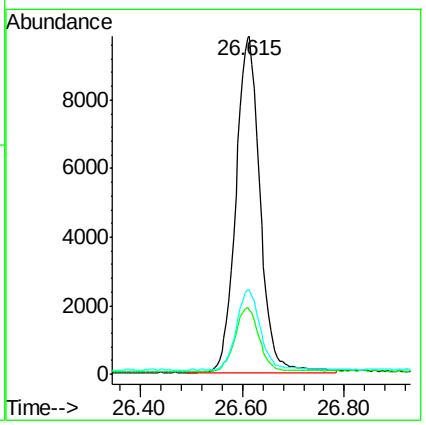


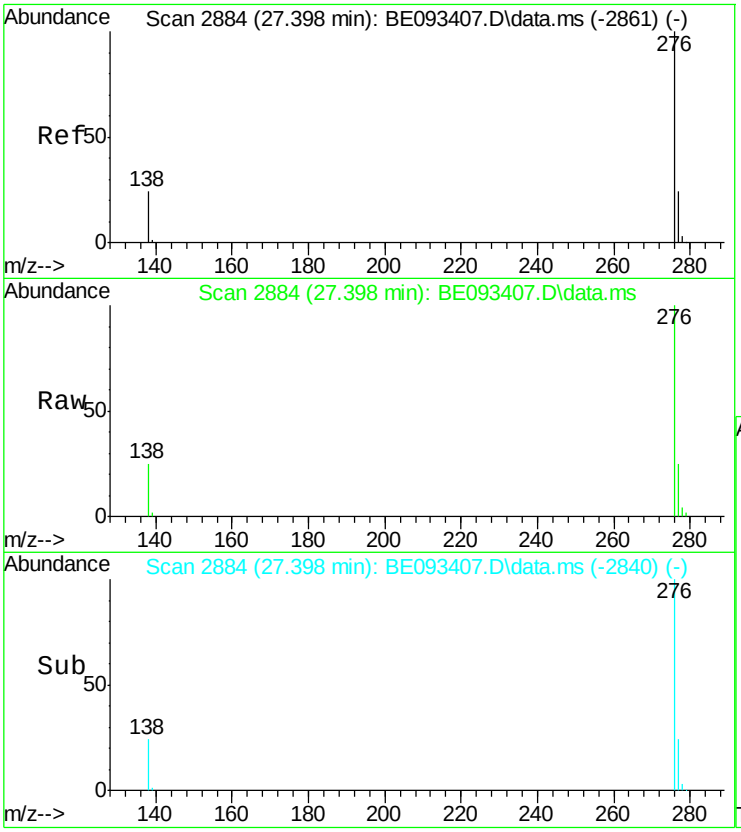


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.615 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Tgt Ion:278 Resp: 32154

Ion	Ratio	Lower	Upper
278	100		
139	18.9	21.4	32.0#
279	25.0	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.398 min Scan# 28
Delta R.T. 0.000 min
Lab File: BE093407.D
Acq: 2 Jul 2017 10:55

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 32082

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.2	31.8
138	25.2	24.5	36.7