Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
Data File : BE093106.D
Acq On : 12 Jun 2017 17:53
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 13 01:10:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	601	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2802	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	1443	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	2813	0.40	ng		0.00
27) Chrysene-d12	21.27	240	3968	0.40	ng		0.00
34) Perylene-d12	23.67	264	3031	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	729	0.41	ng		0.00
5) Phenol-d6	6.90	99	1045	0.40	ng		0.00
8) Nitrobenzene-d5	8.88	82	933	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	1817	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	135	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	2650	0.43	ng		0.00
25) Fluoranthene-d10	19.11	212	3968	0.43	ng		0.00
29) Terphenyl-d14	19.72	244	3439	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	563	0.42	ng		98
3) n-Nitrosodimethylamine	3.59	42	480	0.42	ng		99
6) bis(2-Chloroethyl)ether	7.15	93	966	0.43	ng	#	100
9) Naphthalene	10.56	128	3219	0.43	ng		98
10) Hexachlorobutadiene	10.87	225	435	0.43	ng		98
12) 2-Methylnaphthalene	12.18	142	1960	0.42	ng		97
16) Acenaphthylene	14.08	152	9889	0.39	ng		99
17) Acenaphthene	14.44	154	1980	0.42	ng		98
18) Fluorene	15.41	166	2409	0.43	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	713	0.42	ng	#	85
21) Hexachlorobenzene	16.44	284	765	0.51	ng	#	100
22) Pentachlorophenol	16.79	266	192	0.40	ng		92
23) Phenanthrene	17.16	178	5434	0.43	ng		99
24) Anthracene	17.25	178	4490	0.42	ng		99
26) Fluoranthene	19.16	202	19785	0.43	ng	#	99
28) Pyrene	19.51	202	22401	0.46	ng	#	98
30) Benzo(a)anthracene	21.23	228	4237	0.40	ng	#	86
31) Chrysene	21.28	228	5072	0.44	ng	#	87
32) Bis(2-ethylhexyl)phthalate	21.18	149	1352	0.30	ng		96
33) Indeno(1,2,3-cd)pyrene	26.17	276	15892	0.37	ng		98
35) Benzo(b)fluoranthene	22.93	252	4415	0.45	ng		96
36) Benzo(k)fluoranthene	22.97	252	3941	0.42	ng		98
37) Benzo(a)pyrene	23.55	252	3492	0.41	ng		99
38) Dibenzo(a,h)anthracene	26.20	278	3640	0.41	ng	#	94
39) Benzo(g,h,i)perylene	26.94	276	15025	0.42	ng		99

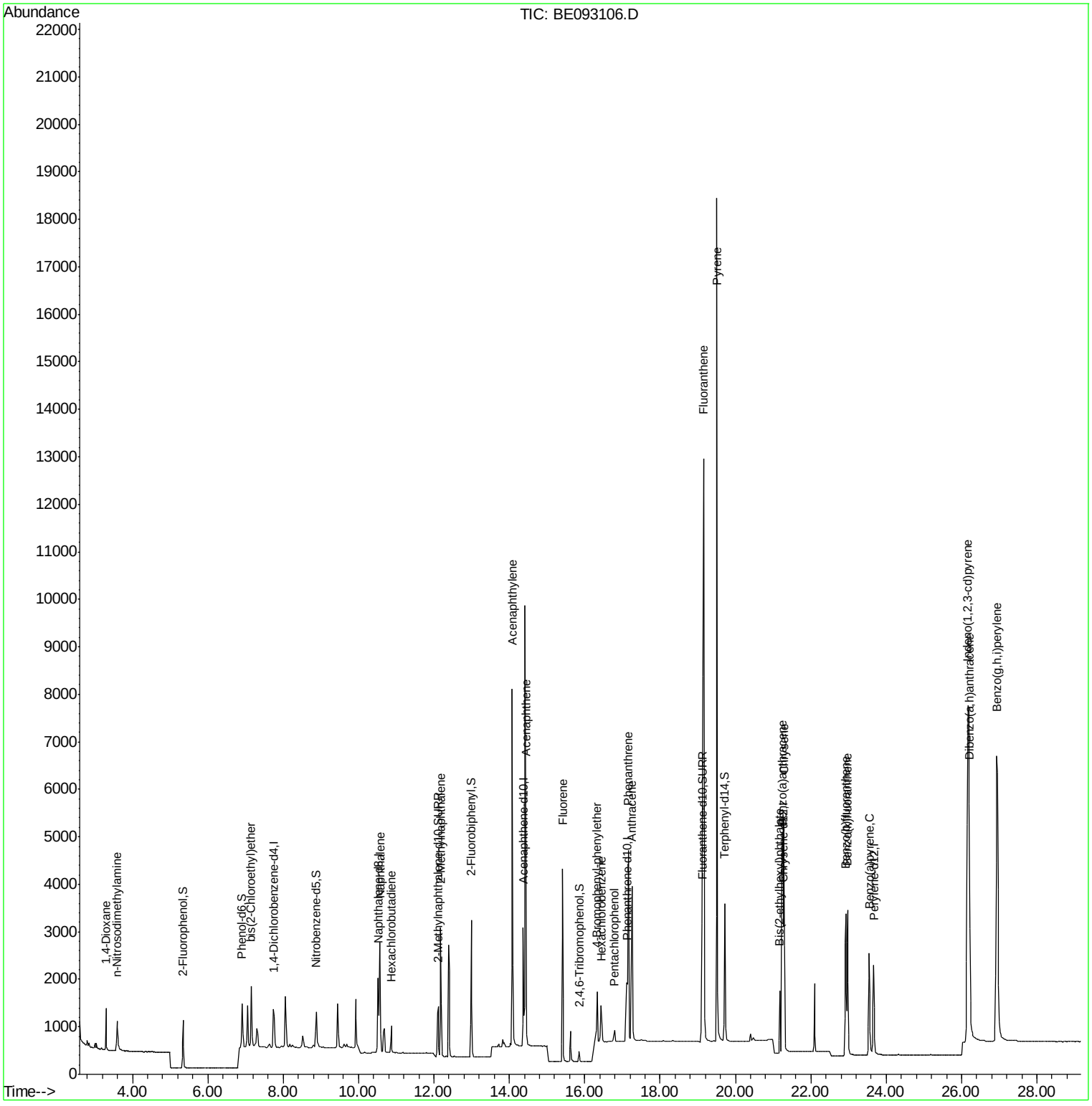
(#) = qualifier out of range (m) = manual integration (+) = signals summed

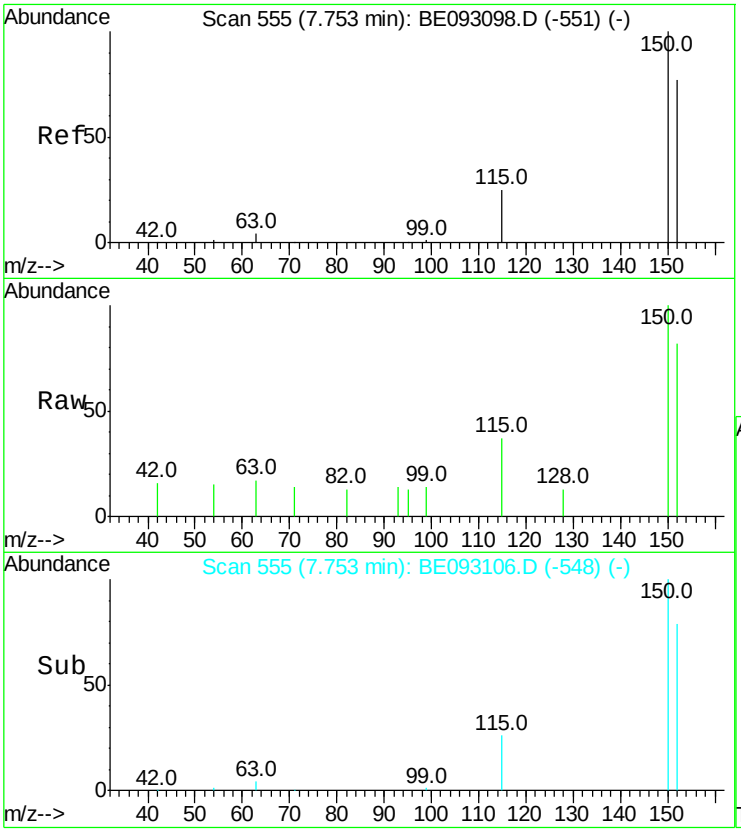
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
Data File : BE093106.D
Acq On : 12 Jun 2017 17:53
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 13 01:10:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration



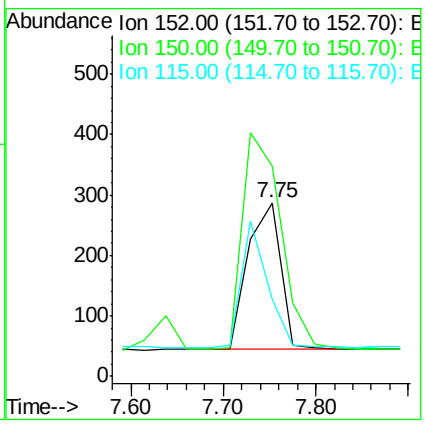


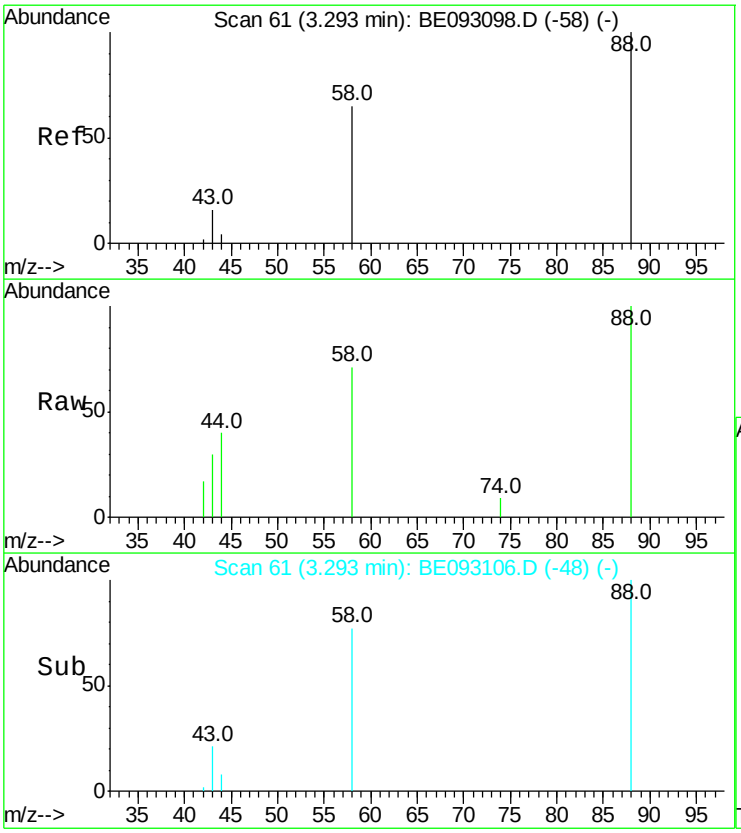
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 601

Ion	Ratio	Lower	Upper
152	100		
150	121.6	125.1	187.7#
115	44.6	55.7	83.5#

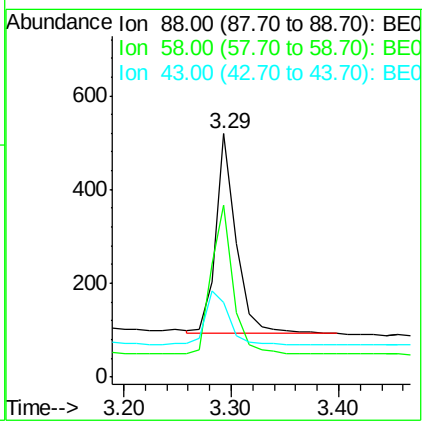


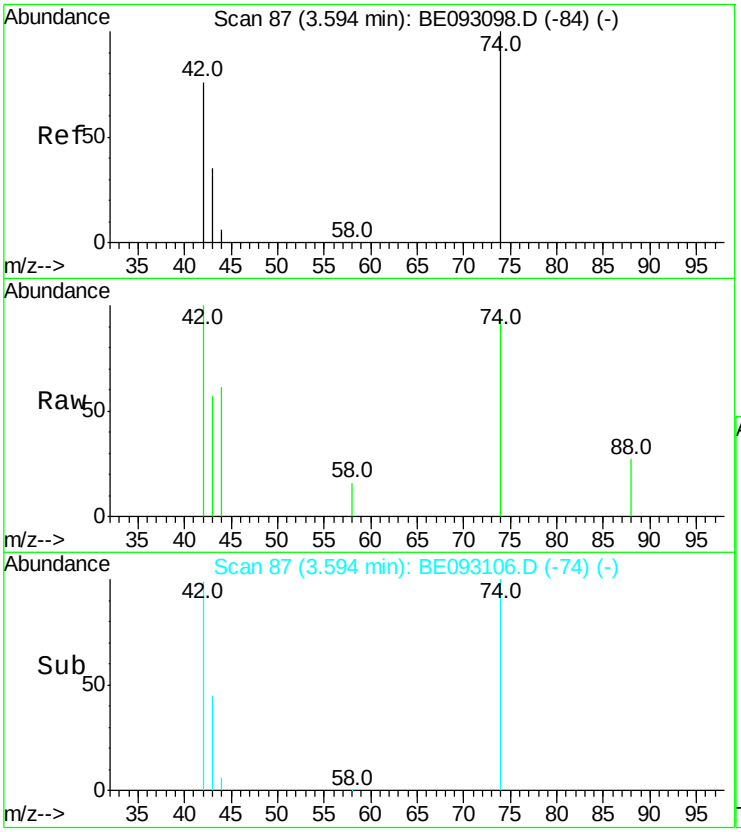


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion: 88 Resp: 563

Ion	Ratio	Lower	Upper
88	100		
58	78.0	62.2	93.4
43	32.3	23.2	34.8



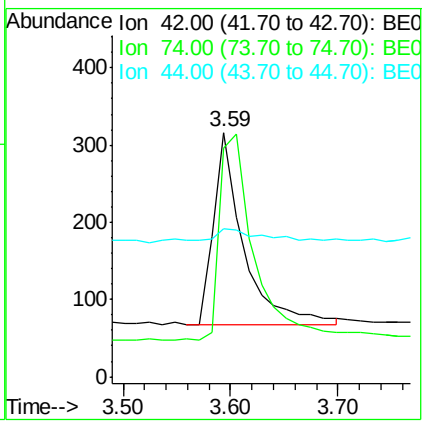


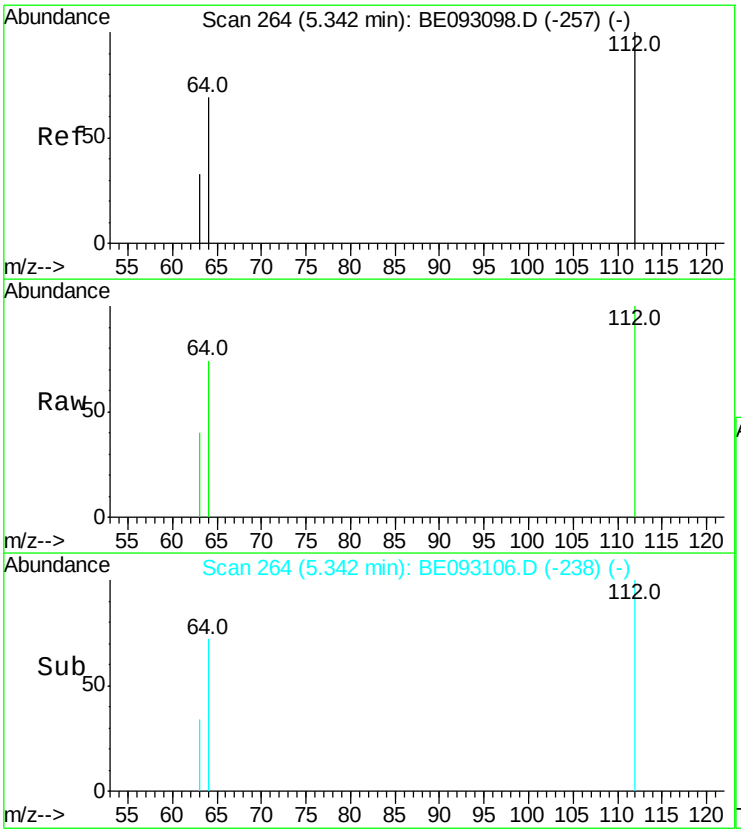
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 480

Ion	Ratio	Lower	Upper
42	100		
74	123.3	99.1	148.7
44	8.3	7.4	11.2

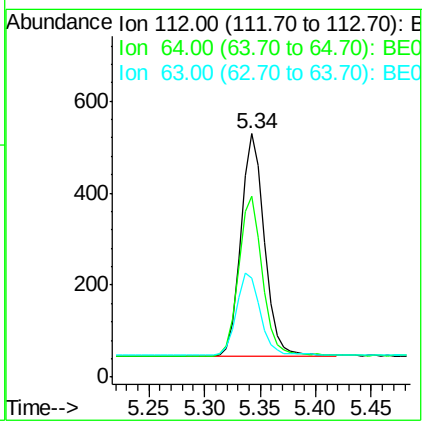


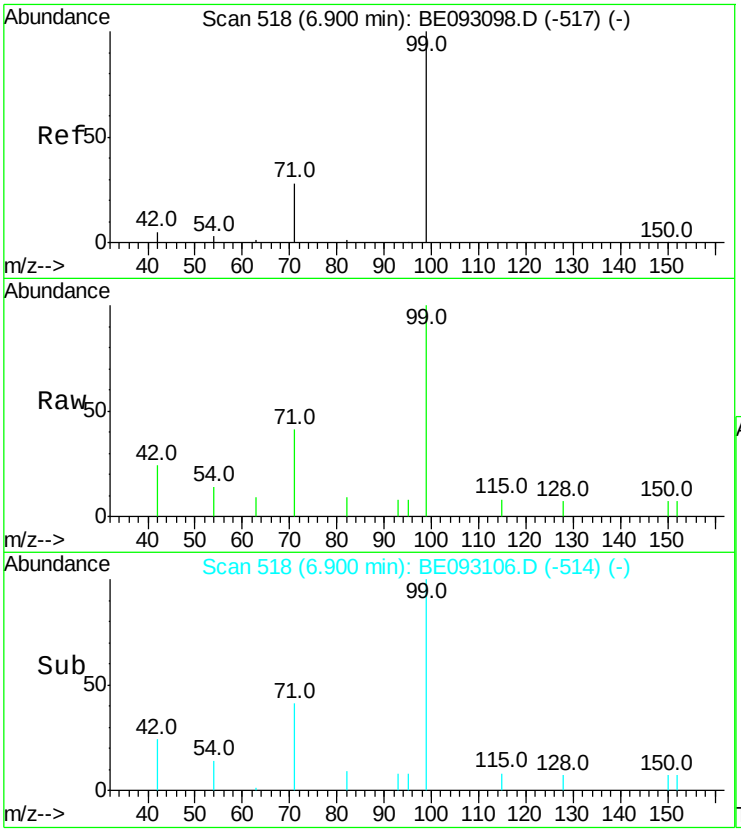


#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:112 Resp: 729

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.4	84.6
63	37.9	29.3	43.9



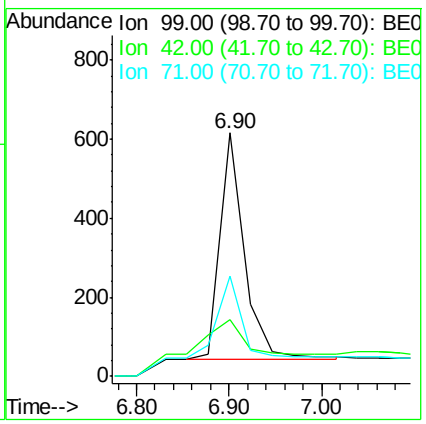


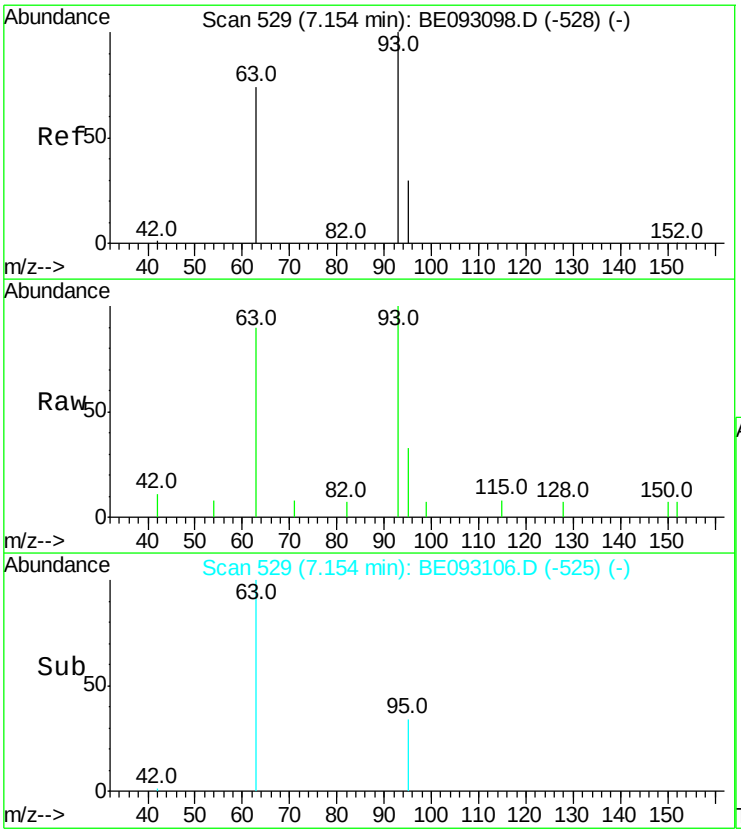
#5
Phenol-d6
Concen: 0.40 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1045

Ion	Ratio	Lower	Upper
99	100		
42	20.8	0.0	0.0#
71	35.6	0.0	0.0#

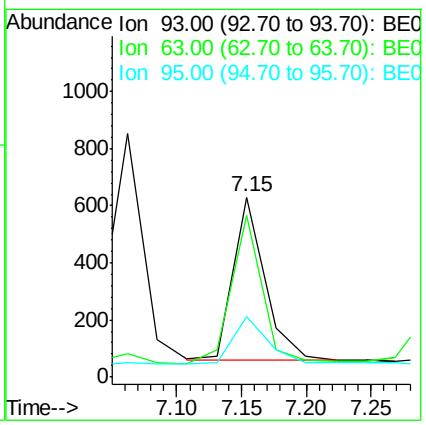


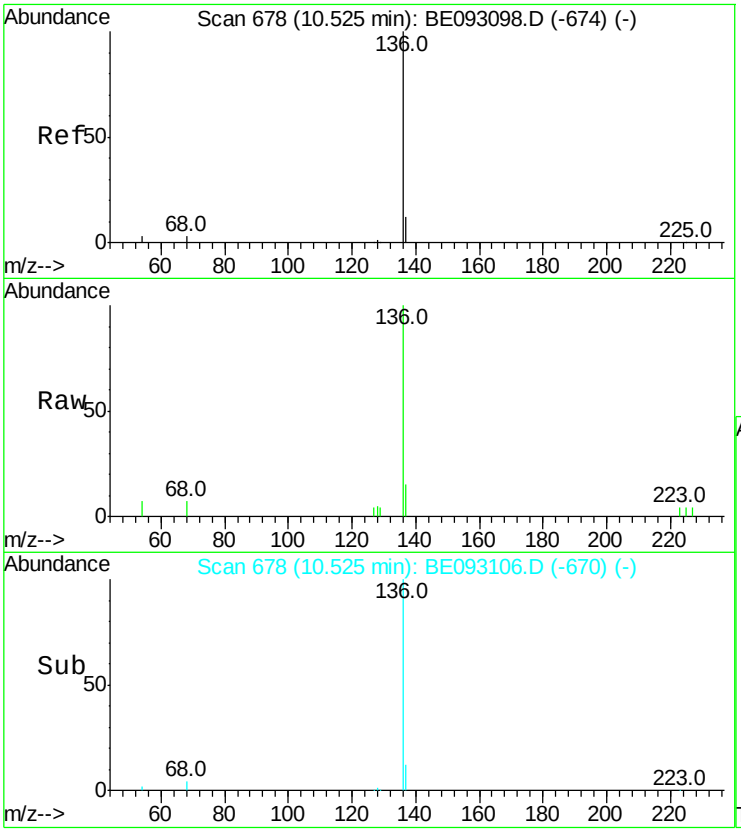


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.15 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion: 93 Resp: 966

Ion	Ratio	Lower	Upper
93	100		
63	90.4	0.0	0.0#
95	31.9	25.4	38.0



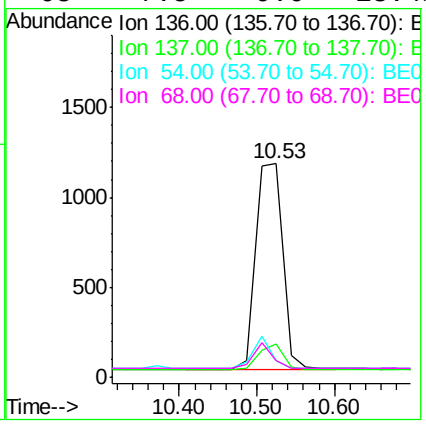


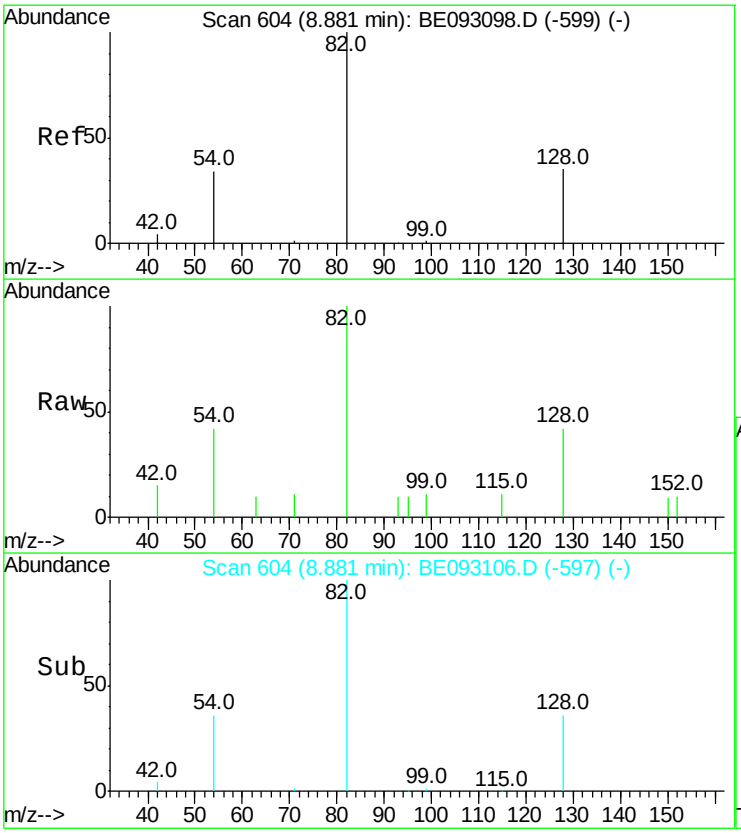
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2802

Ion	Ratio	Lower	Upper
136	100		
137	15.5	9.8	14.8#
54	7.5	10.3	15.5#
68	7.5	9.0	13.4#

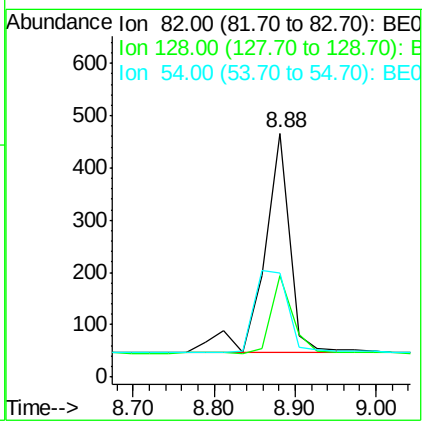


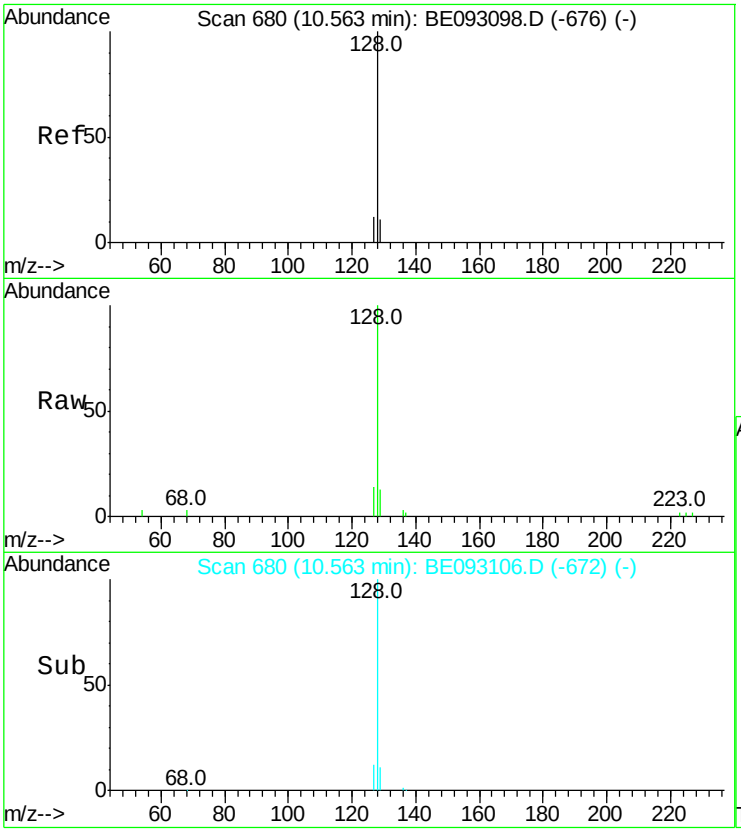


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion: 82 Resp: 933

Ion	Ratio	Lower	Upper
82	100		
128	41.8	17.0	25.4#
54	42.5	53.8	80.6#



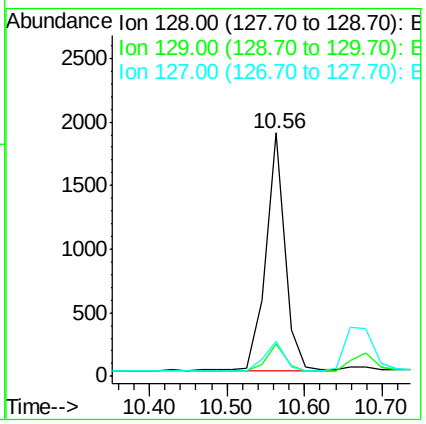


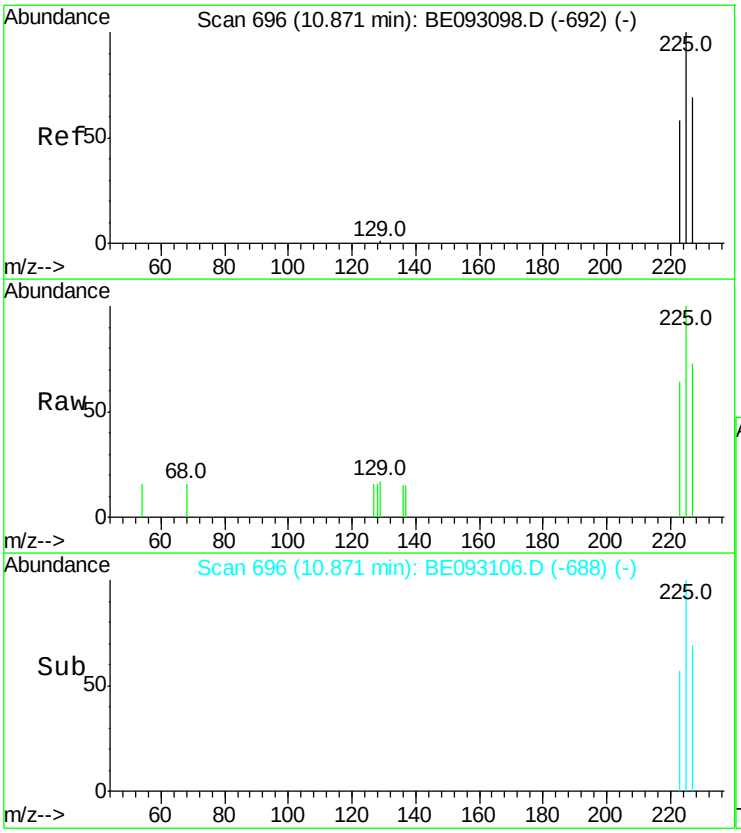
#9
Naphthalene
Concen: 0.43 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3219

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.4	17.0
127	14.4	11.2	16.8

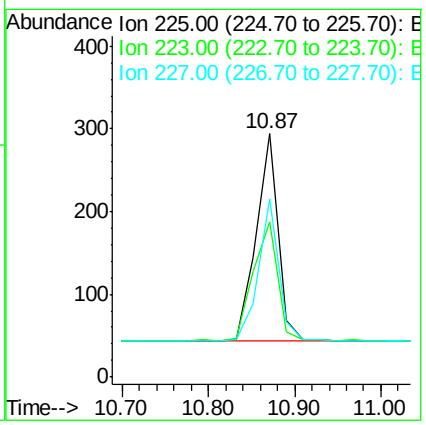


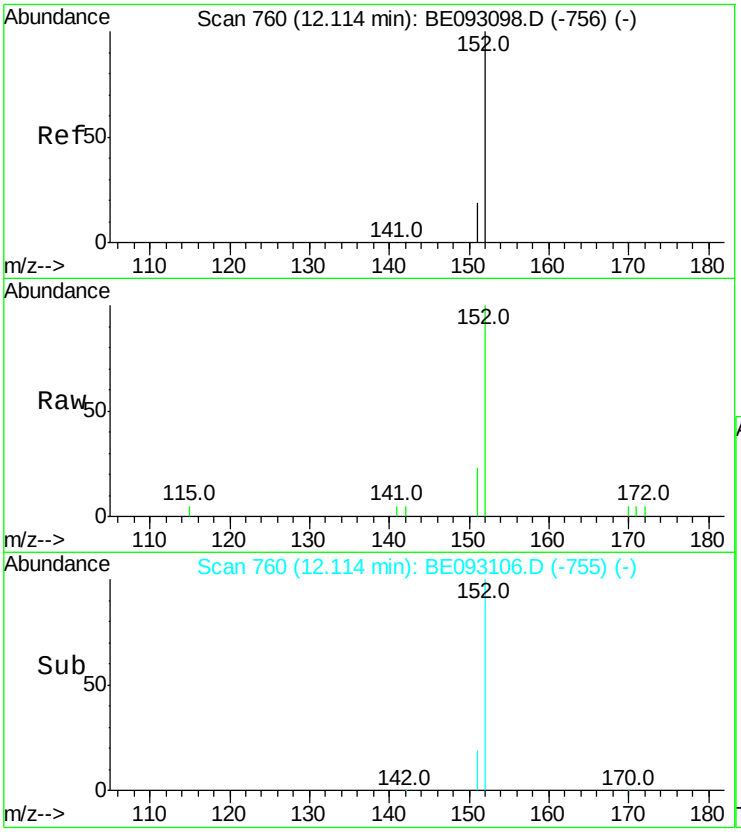


#10
Hexachlorobutadiene
Concen: 0.43 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:225 Resp: 435

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	64.4	50.3	75.5



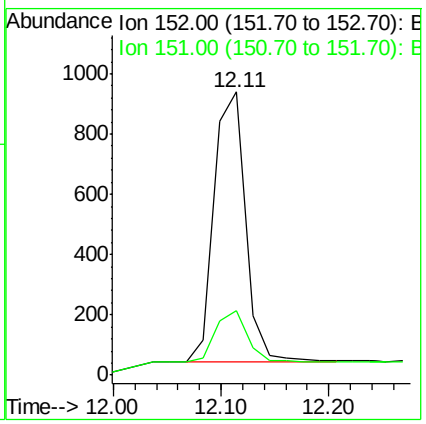


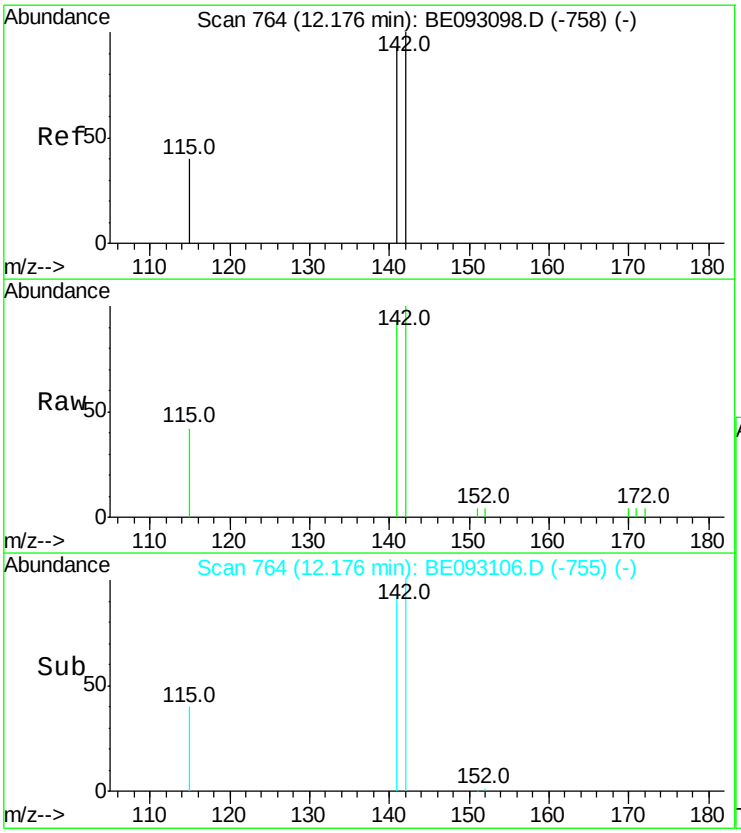
#11
2-Methylnaphthalene-d10
Concen: 0.43 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1817

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

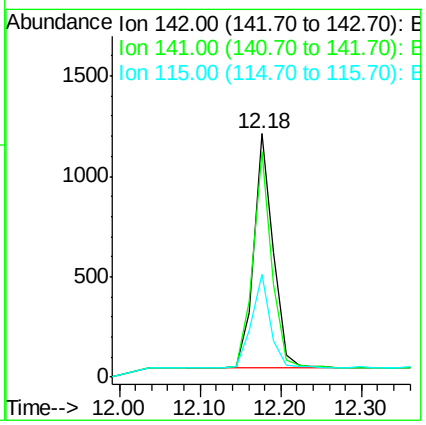


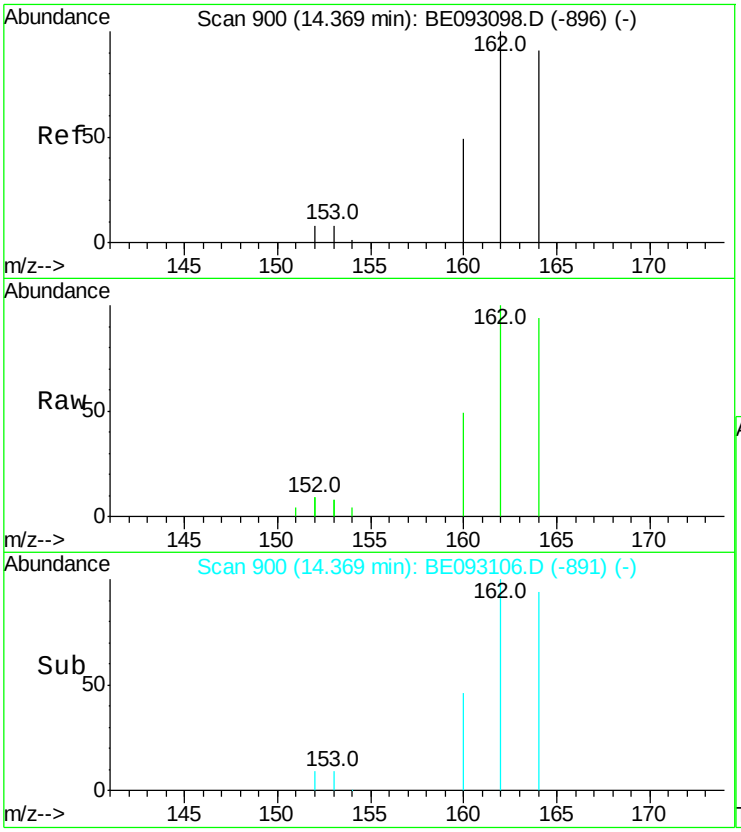


#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:142 Resp: 1960

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8
115	42.4	32.2	48.2



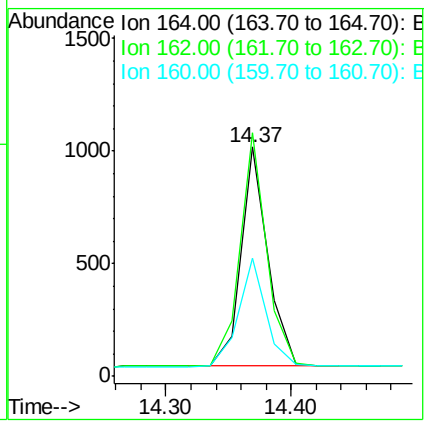


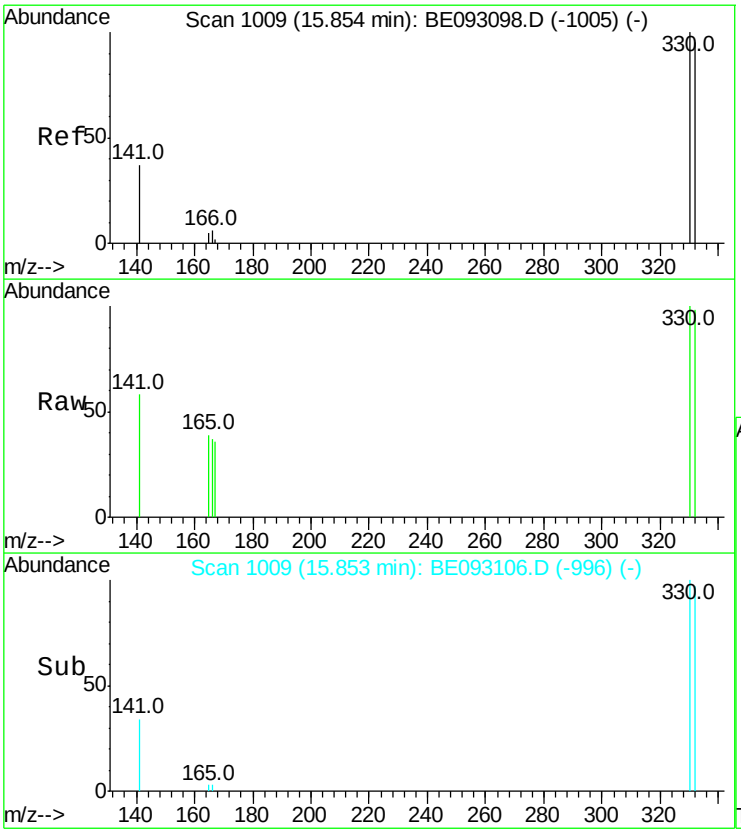
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1443

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.6	127.0
160	51.8	41.8	62.6

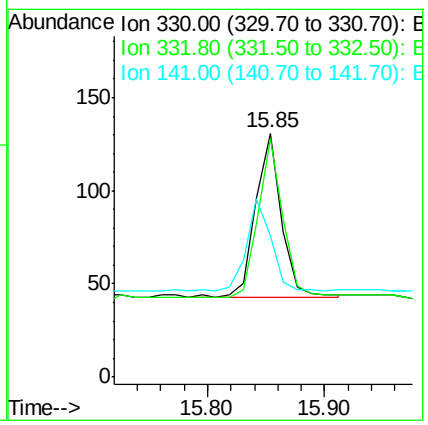


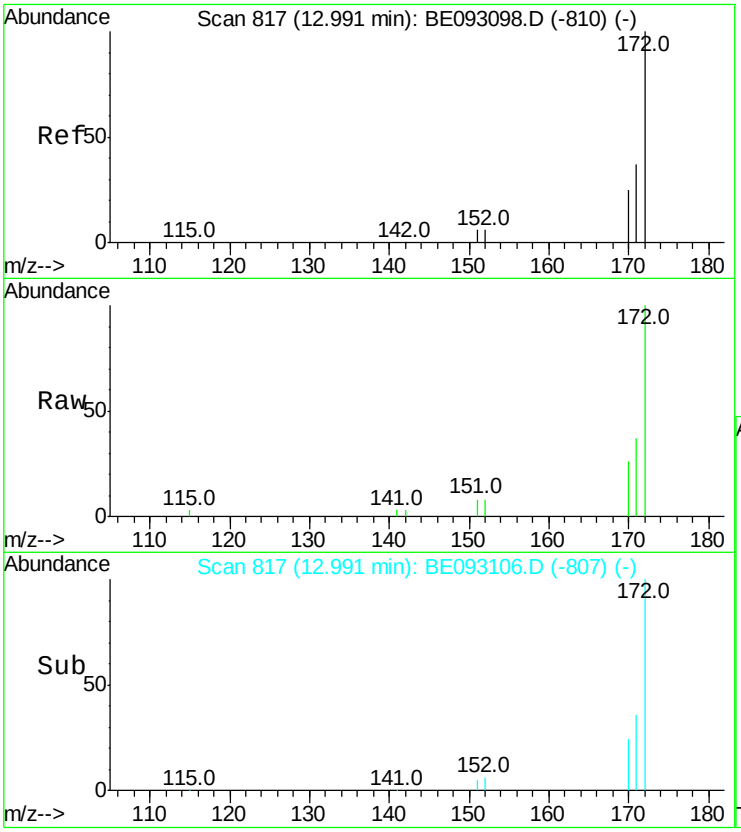


#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:330 Resp: 135

Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.7	116.5
141	54.8	56.2	84.4#



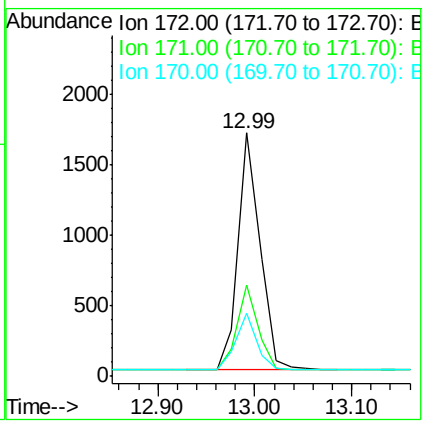


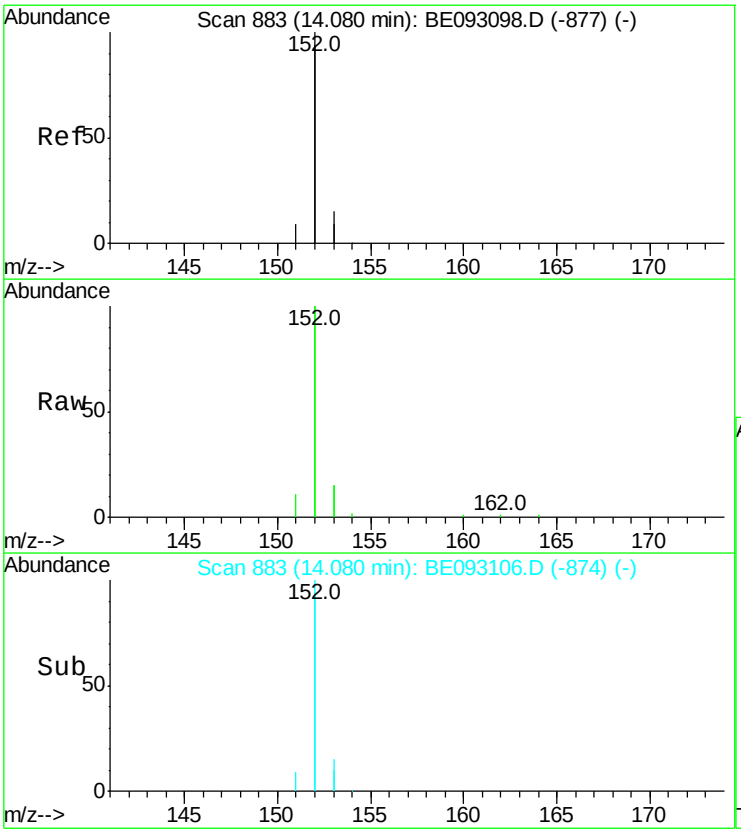
#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2650

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.7	20.7	31.1

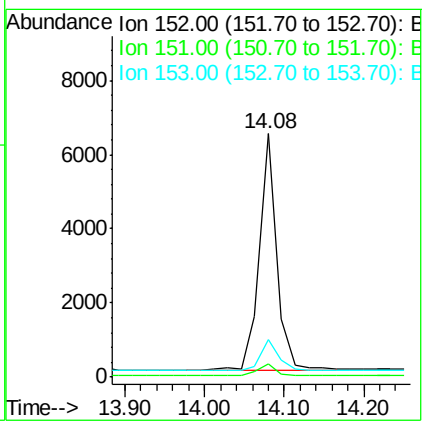


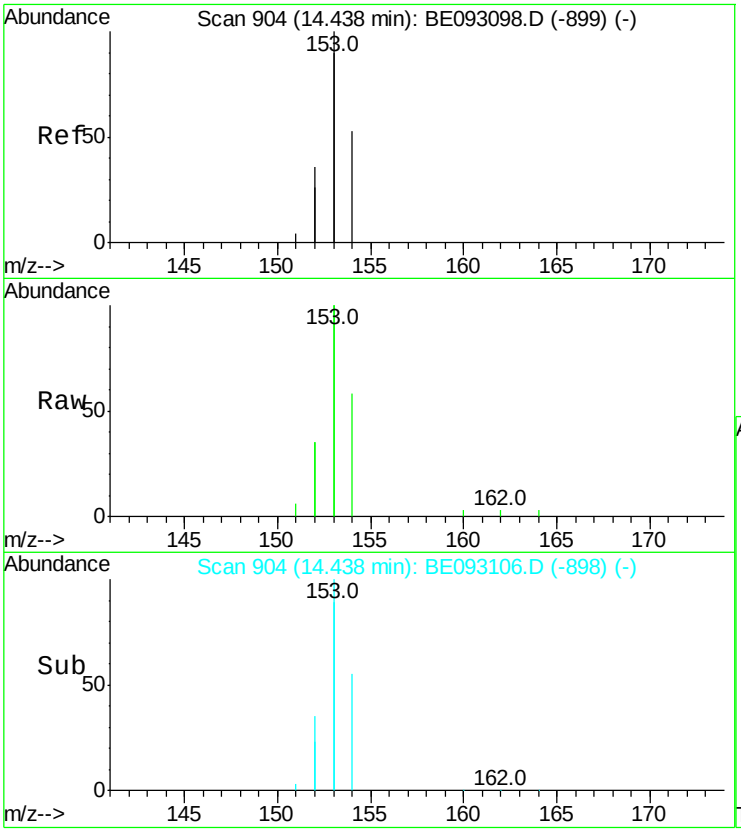


#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:152 Resp: 9889

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.3	10.3	15.5



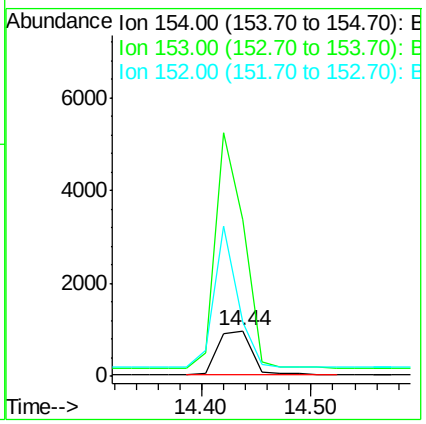


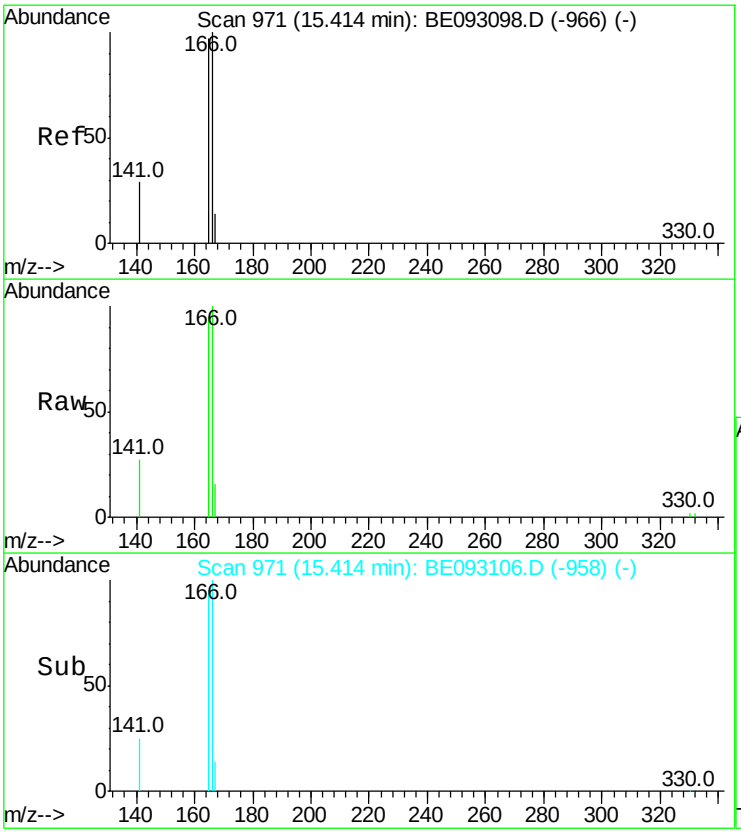
#17
Acenaphthene
Concen: 0.42 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1980

Ion	Ratio	Lower	Upper
154	100		
153	452.5	367.8	551.6
152	233.3	188.2	282.2

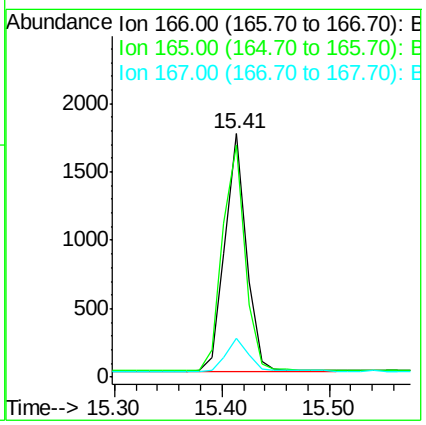


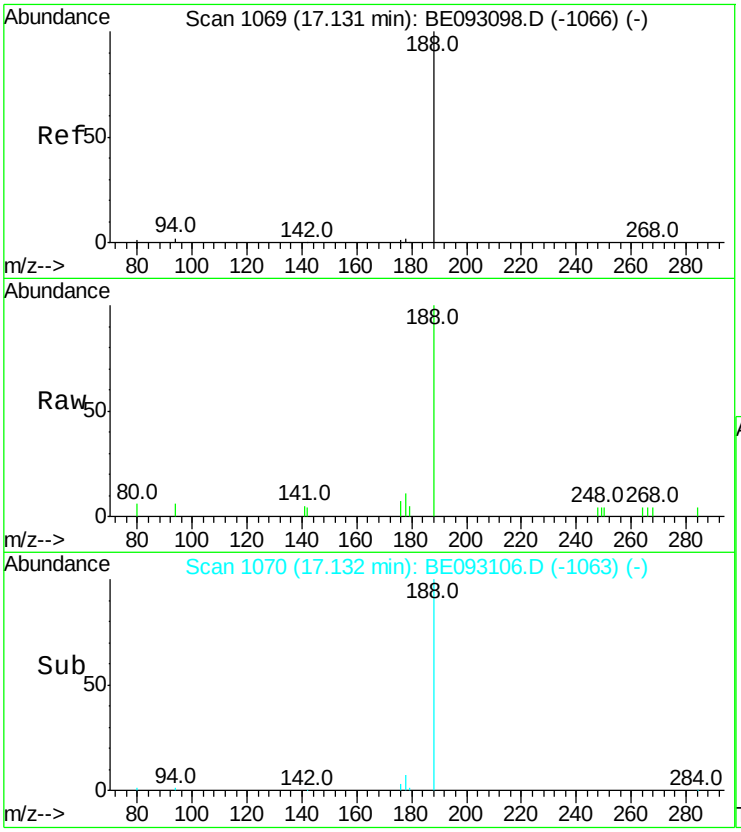


#18
Fluorene
Concen: 0.43 ng
RT: 15.41 min Scan# 971
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:166 Resp: 2409

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	14.0	11.1	16.7



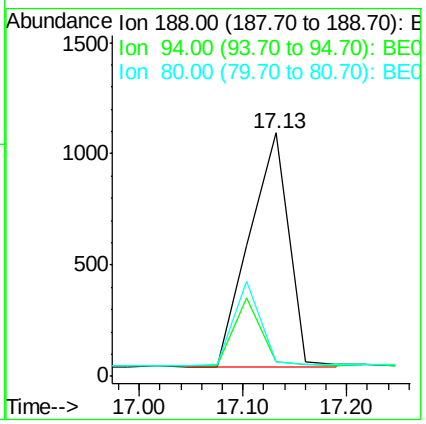


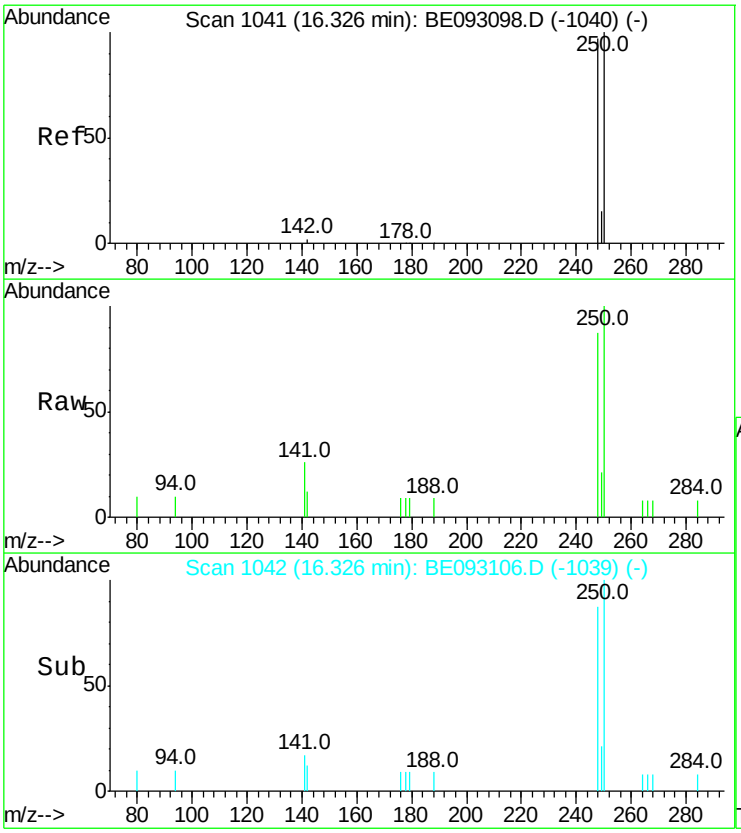
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 2813

Ion	Ratio	Lower	Upper
188	100		
94	5.9	11.3	16.9#
80	5.8	11.7	17.5#

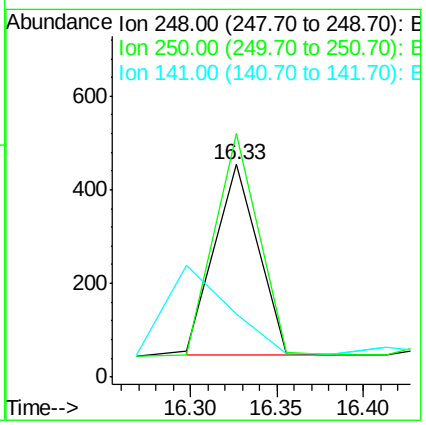


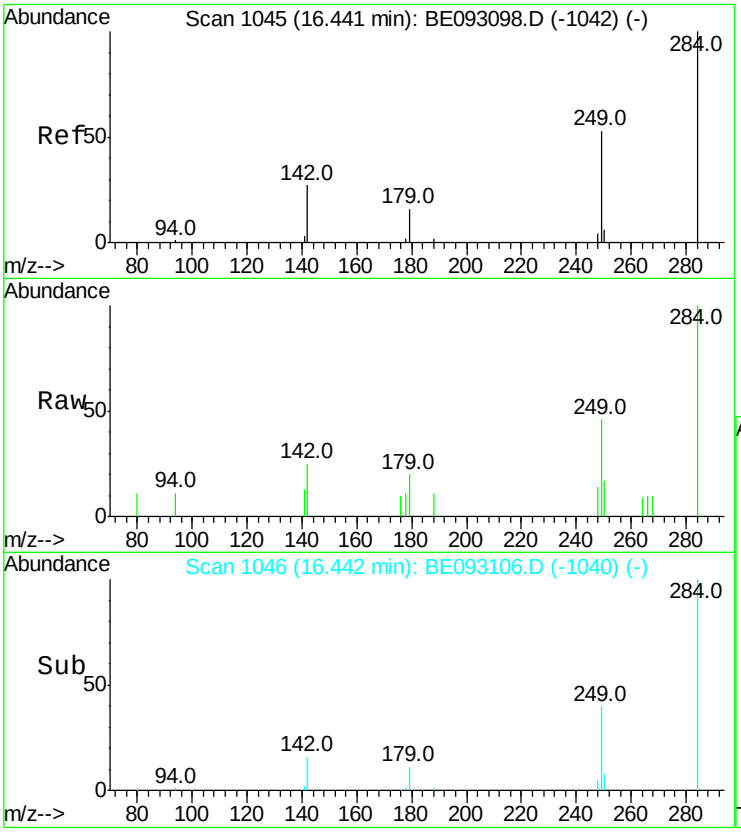


#20
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.33 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:248 Resp: 713

Ion	Ratio	Lower	Upper
248	100		
250	114.5	100.0	150.0
141	29.5	40.0	60.0#



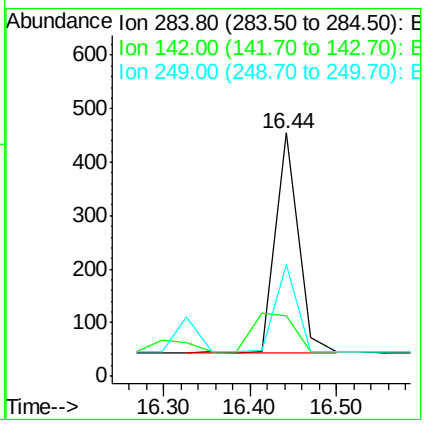


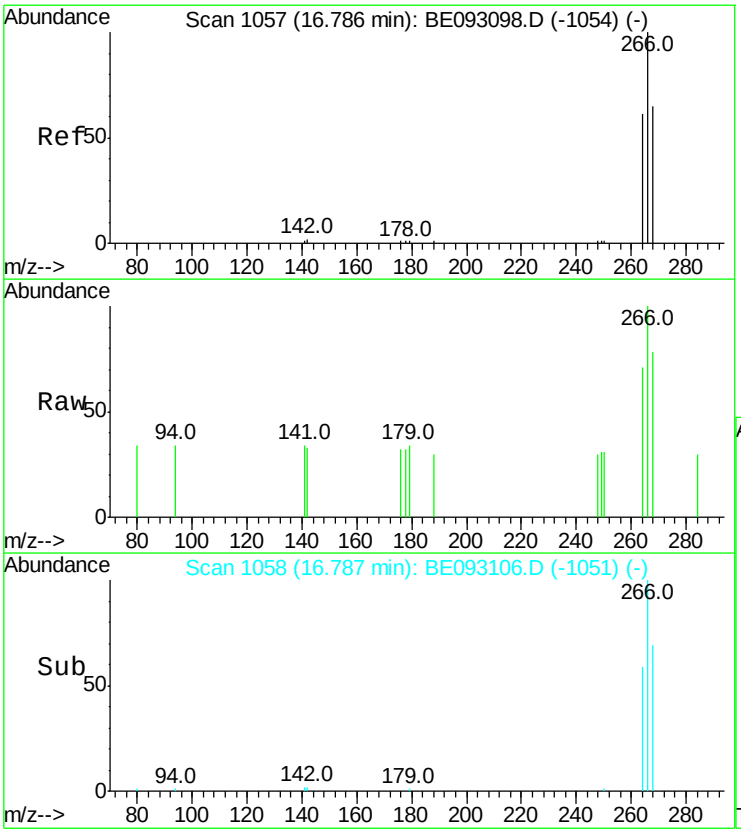
#21
Hexachlorobenzene
Concen: 0.51 ng
RT: 16.44 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 765

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	37.5	0.0	0.0#

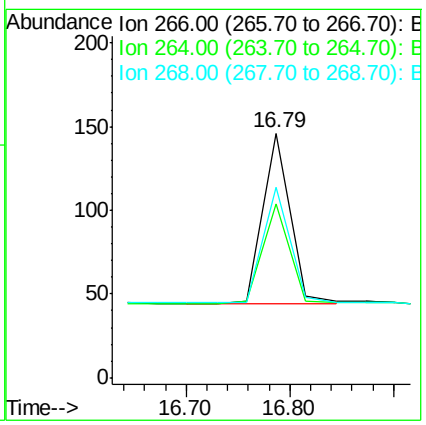


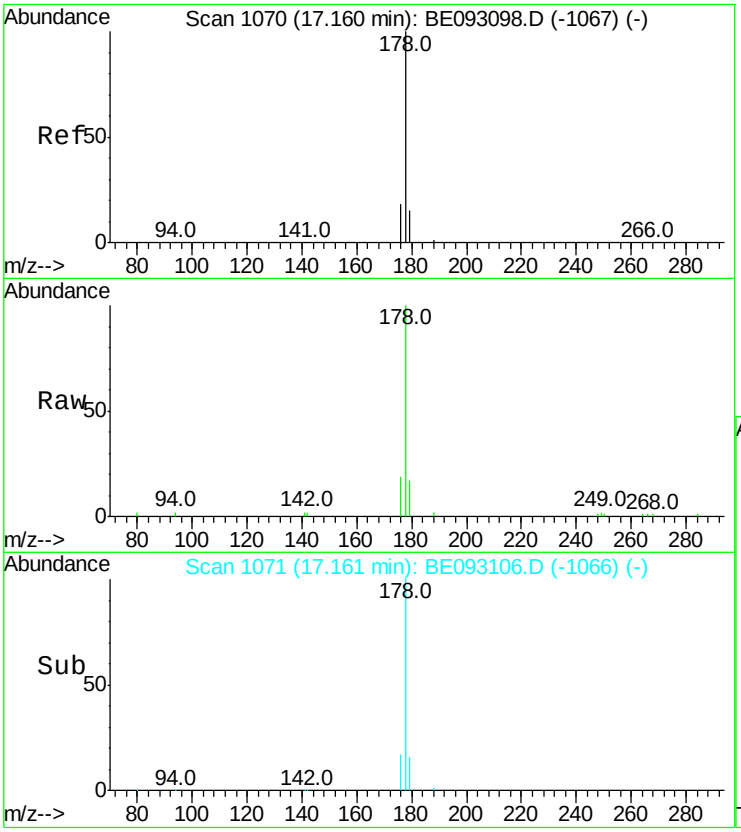


#22
Pentachlorophenol
Concen: 0.40 ng
RT: 16.79 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:266 Resp: 192

Ion	Ratio	Lower	Upper
266	100		
264	71.2	58.2	87.2
268	78.1	71.9	107.9



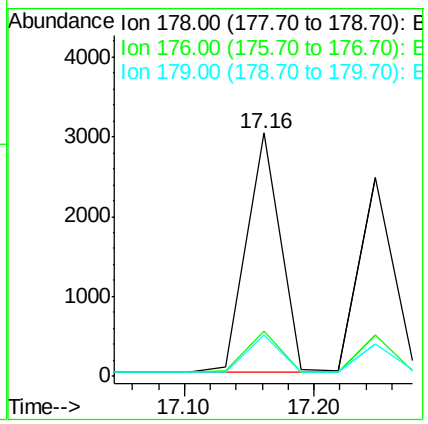


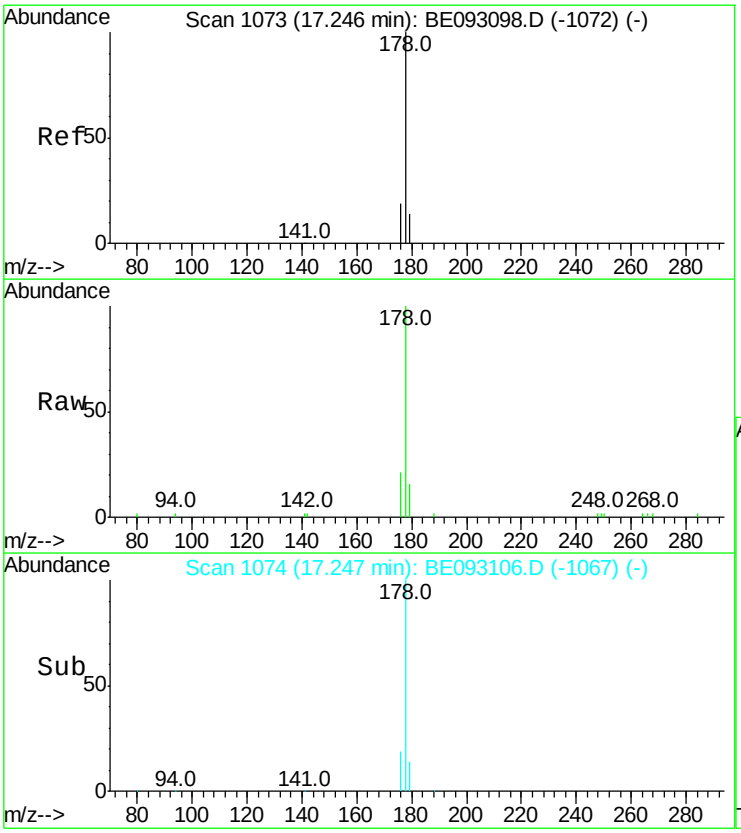
#23
Phenanthrene
Concen: 0.43 ng
RT: 17.16 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5434

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.8	12.7	19.1

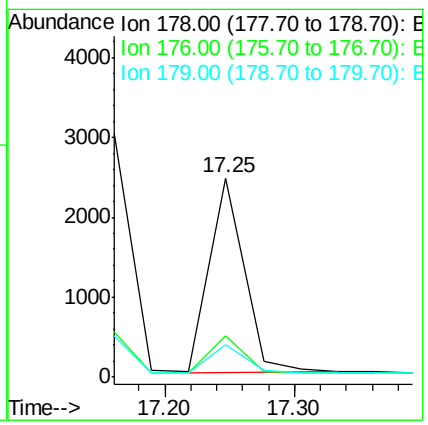


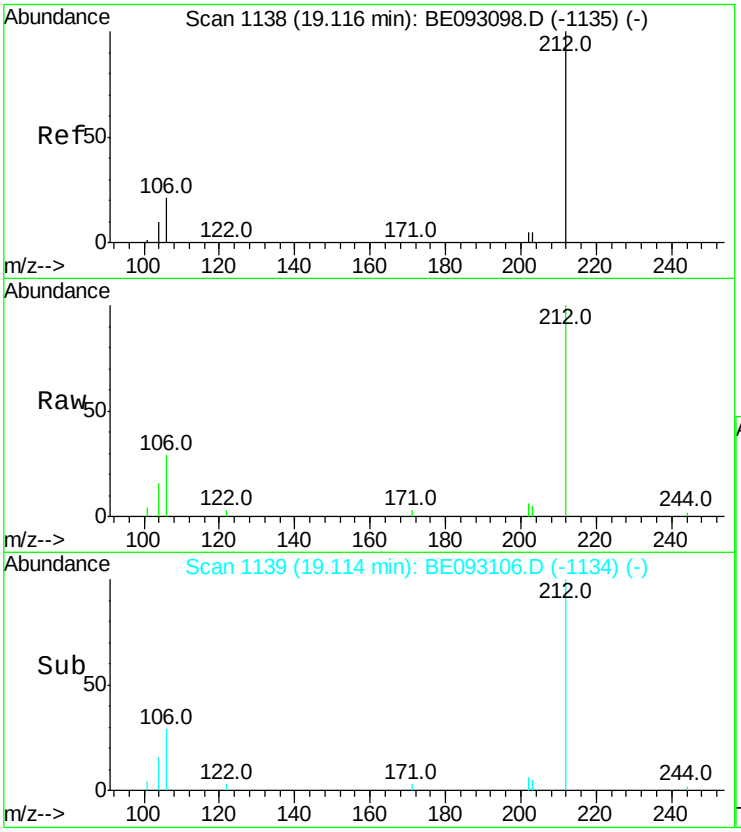


#24
Anthracene
Concen: 0.42 ng
RT: 17.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:178 Resp: 4490

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.6	12.0	18.0



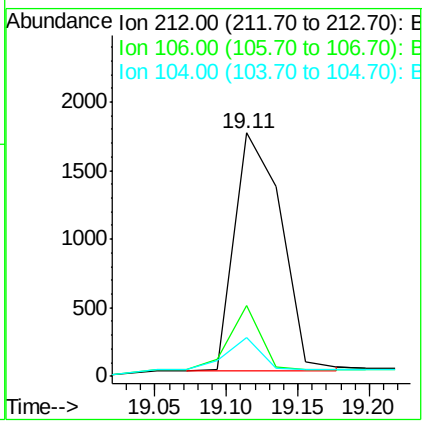


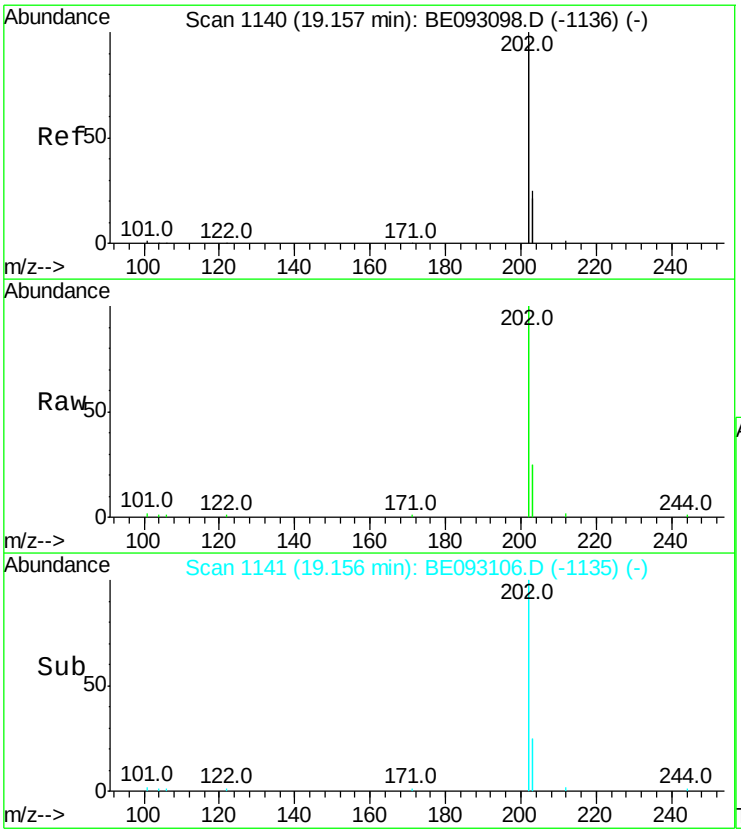
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 3968

Ion	Ratio	Lower	Upper
212	100		
106	18.3	0.0	0.0#
104	9.8	0.0	0.0#

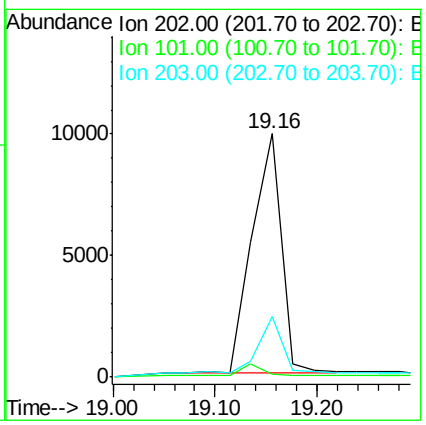


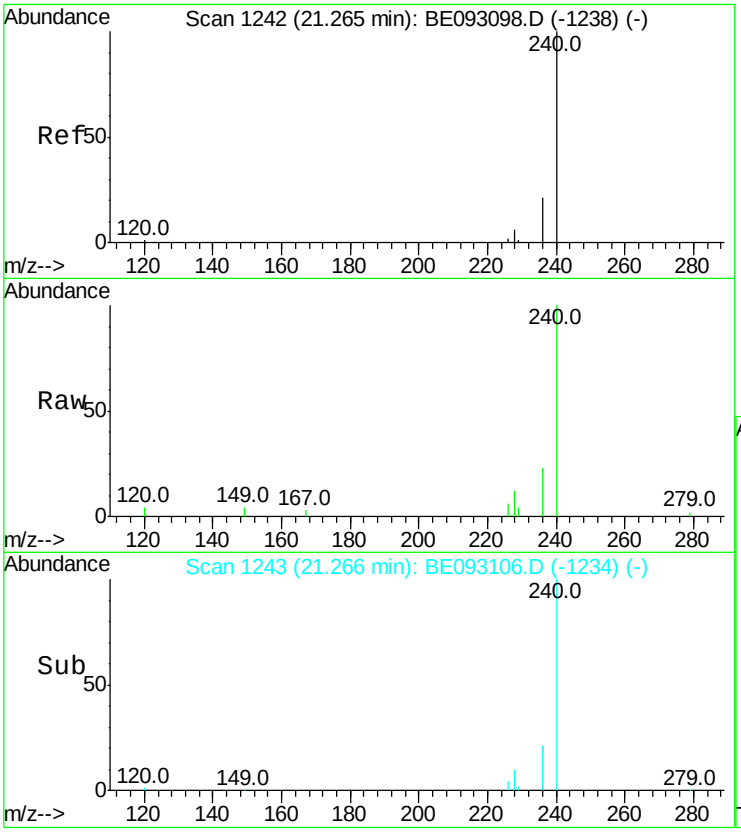


#26
Fluoranthene
Concen: 0.43 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:202 Resp: 19785

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.4	14.4	21.6



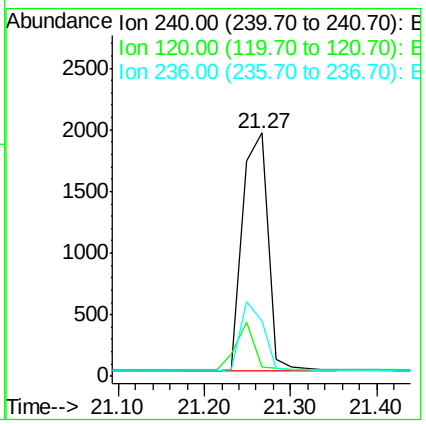


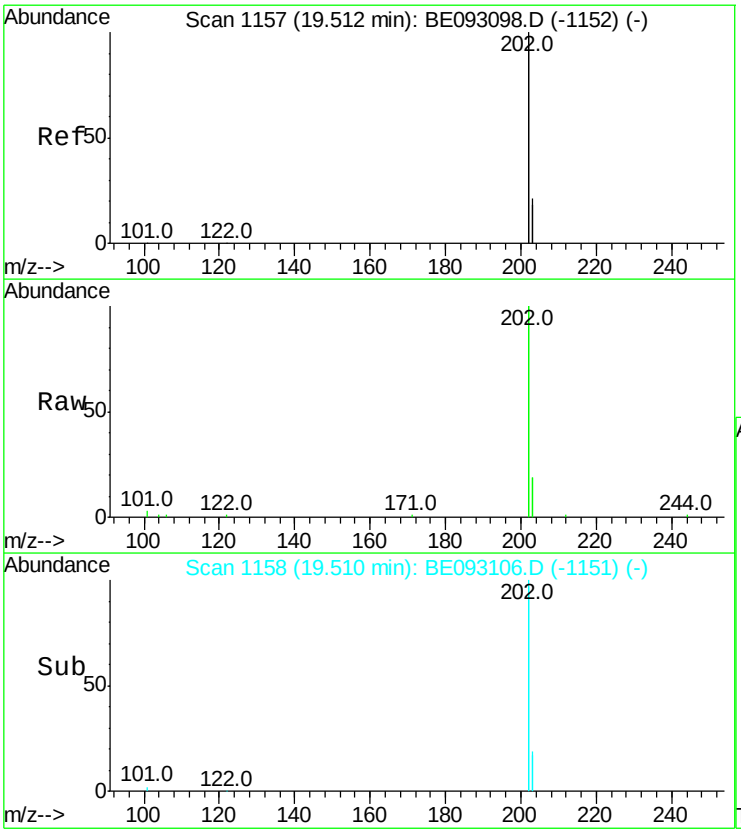
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3968

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	22.7	20.8	31.2

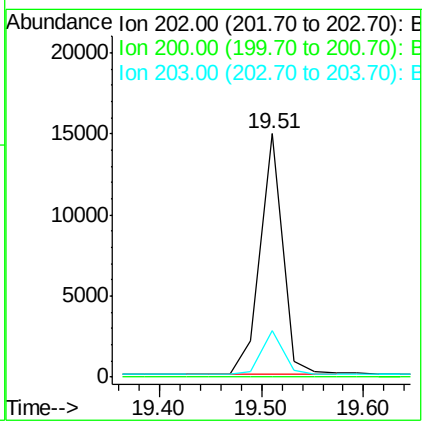


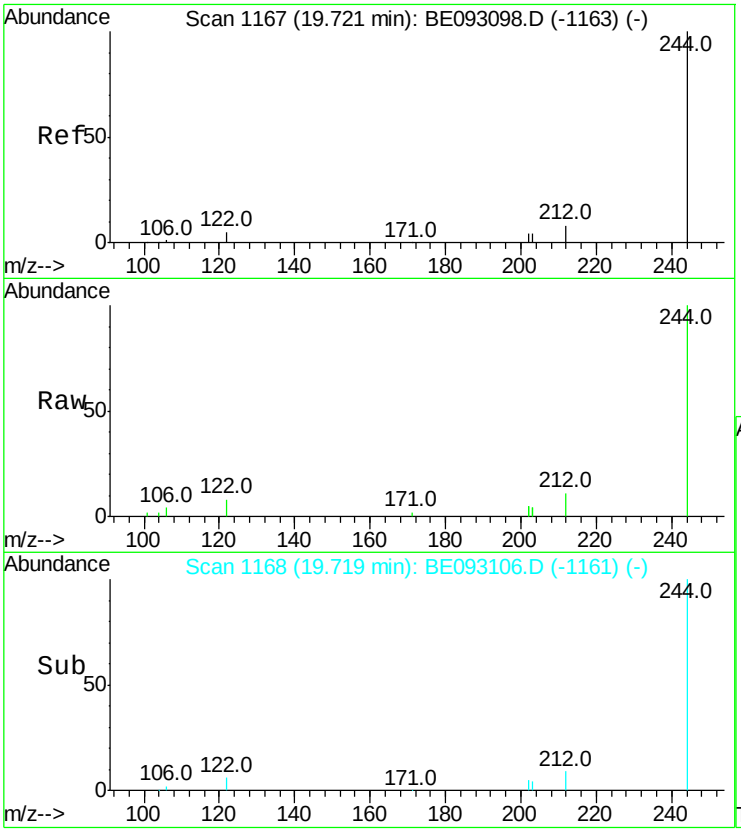


#28
Pyrene
Concen: 0.46 ng
RT: 19.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:202 Resp: 22401

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.8	13.7	20.5



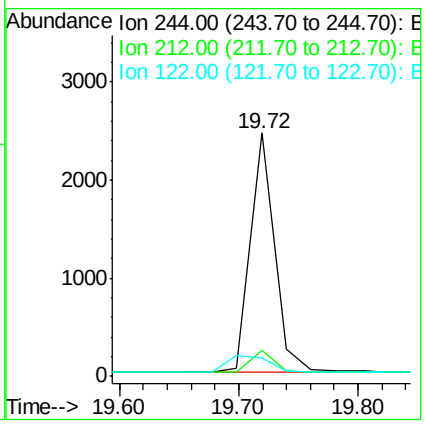


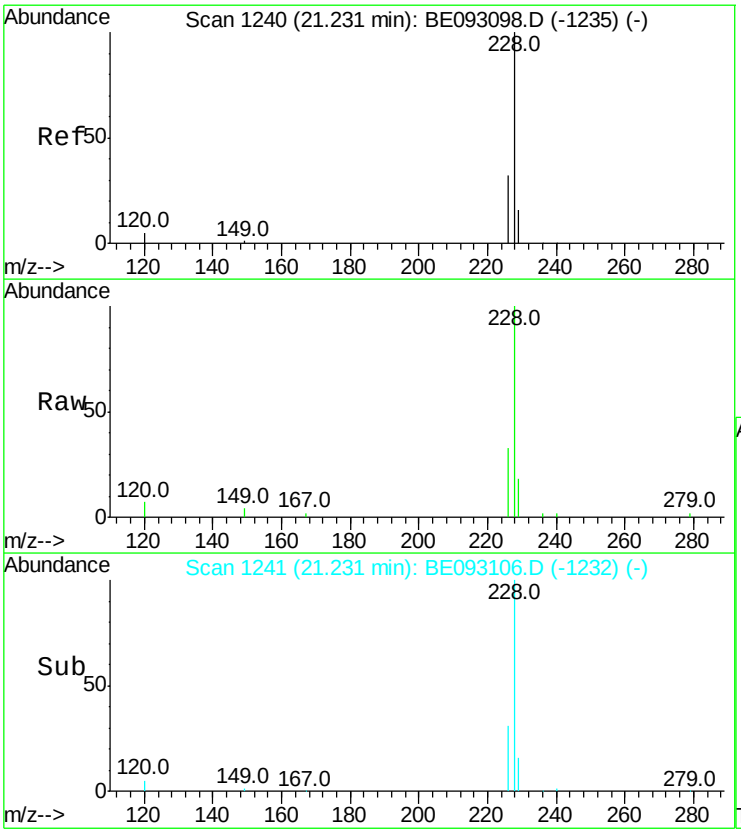
#29
Terphenyl-d14
Concen: 0.45 ng
RT: 19.72 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3439

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.6	16.0#
122	7.8	15.4	23.0#

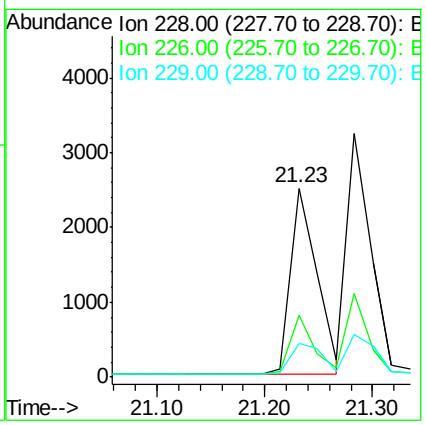


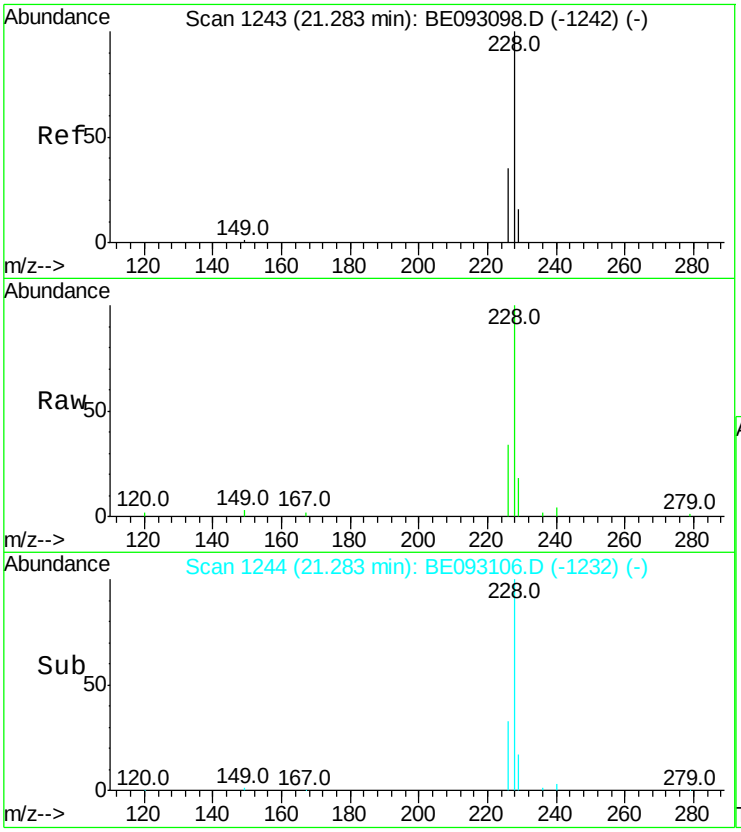


#30
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.23 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:228 Resp: 4237

Ion	Ratio	Lower	Upper
228	100		
226	32.7	19.7	29.5#
229	17.9	19.2	28.8#



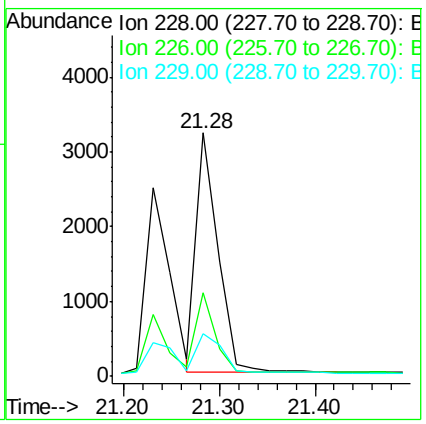


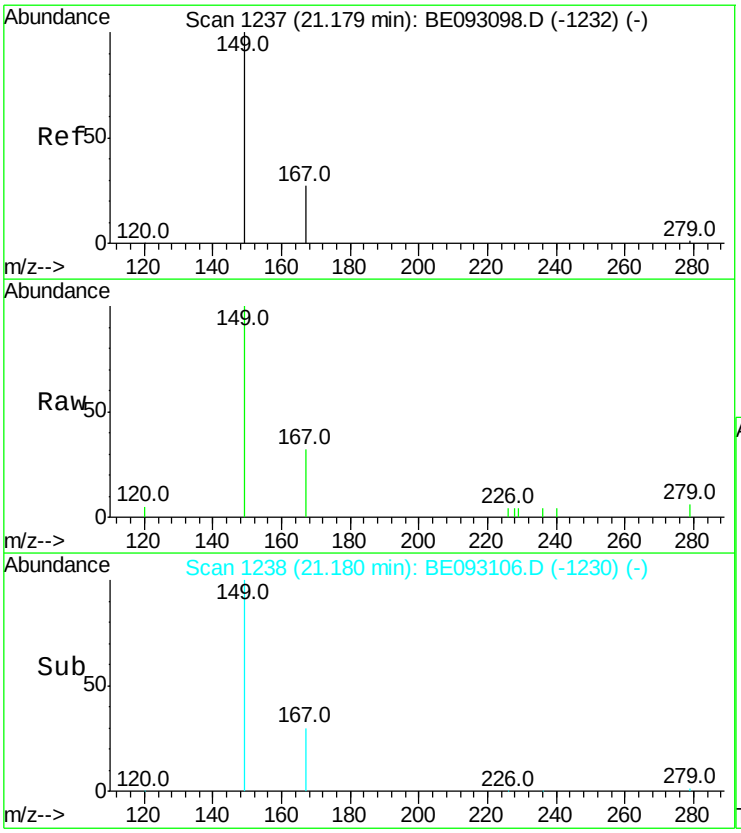
#31
Chrysene
Concen: 0.44 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5072

Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.5	32.3#
229	17.6	18.6	28.0#

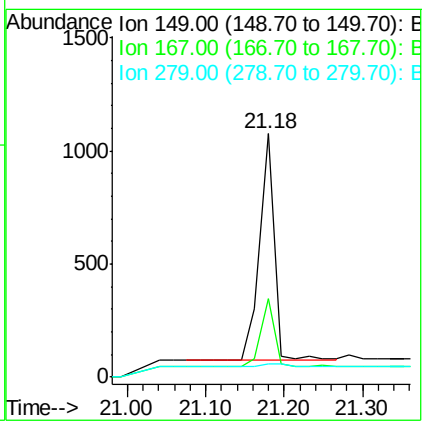


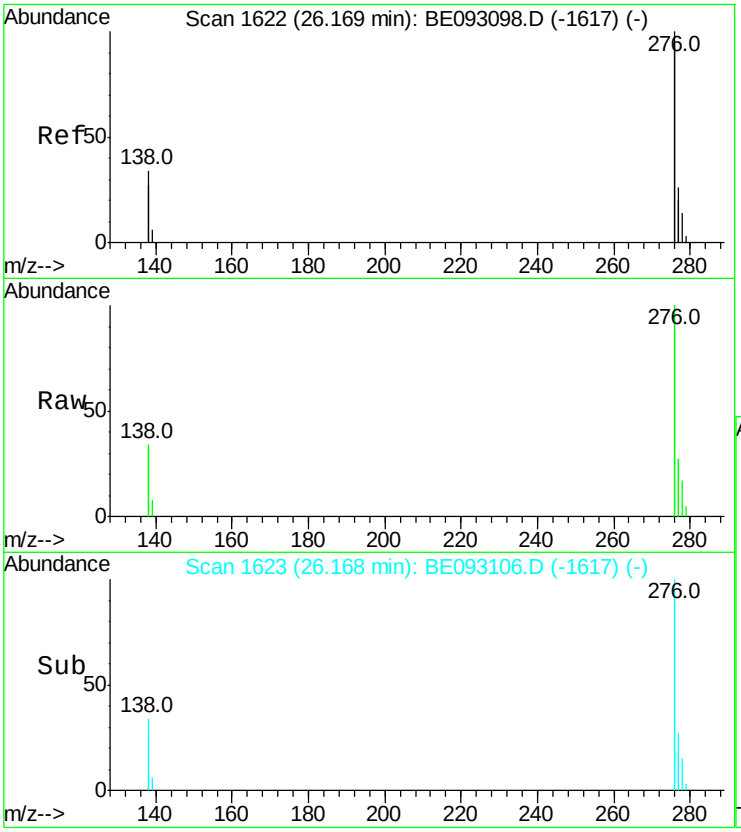


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.18 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:149 Resp: 1352

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.1	30.1
279	2.3	2.2	3.4



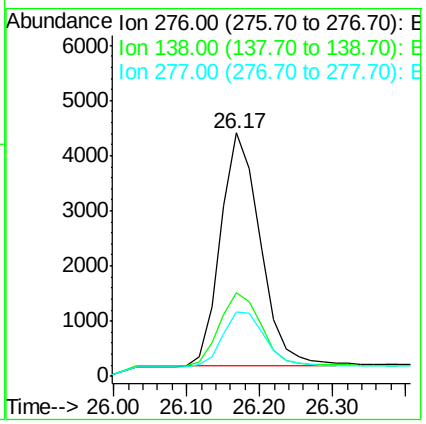


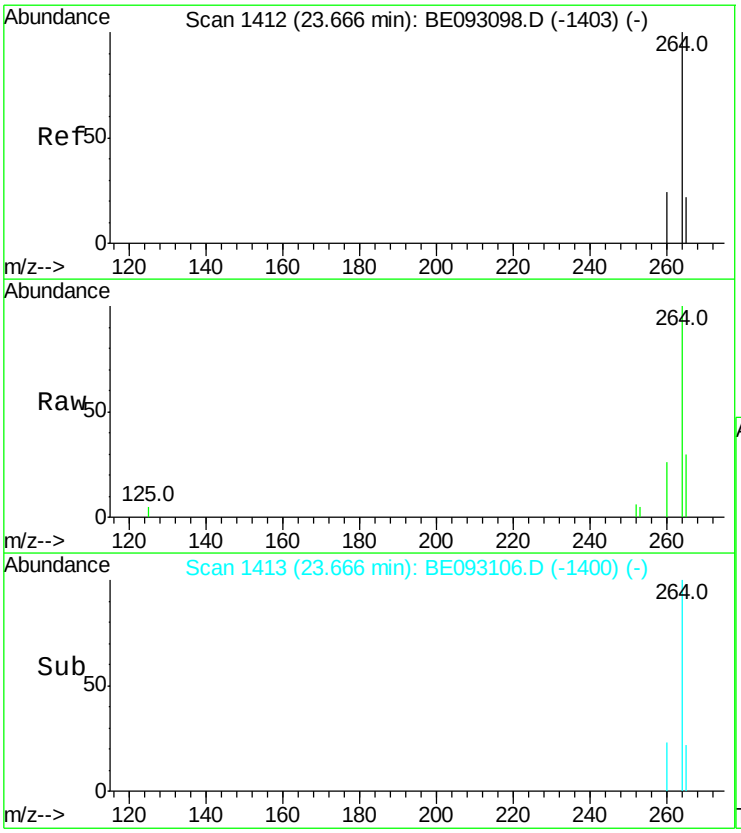
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.17 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15892

Ion	Ratio	Lower	Upper
276	100		
138	32.7	27.4	41.2
277	25.2	20.1	30.1

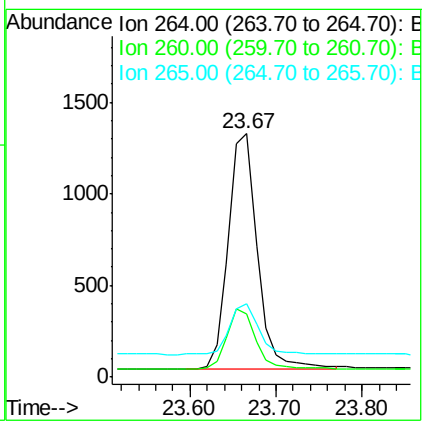


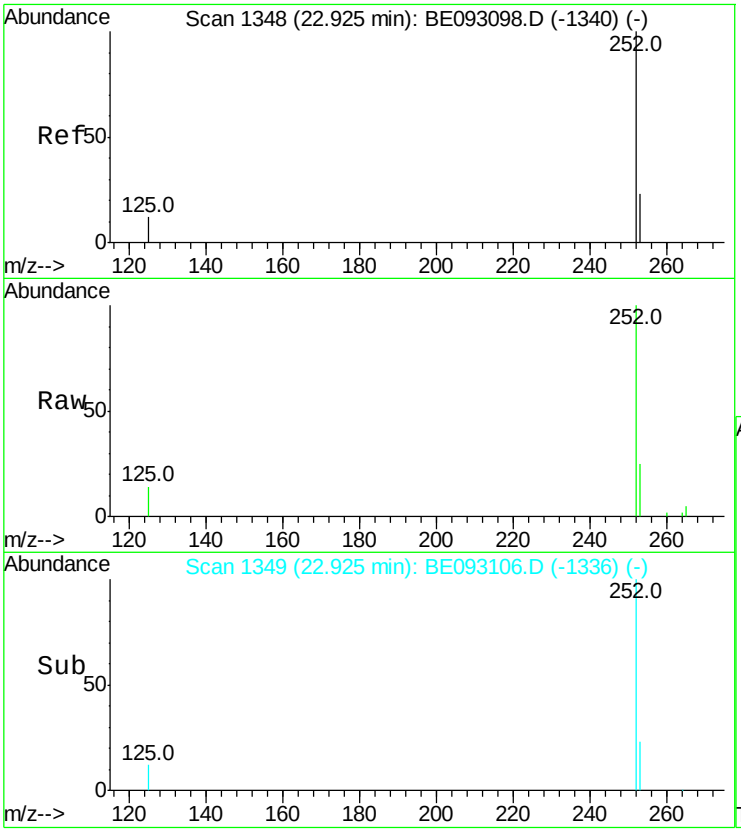


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:264 Resp: 3031

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.4
265	30.4	24.6	36.8



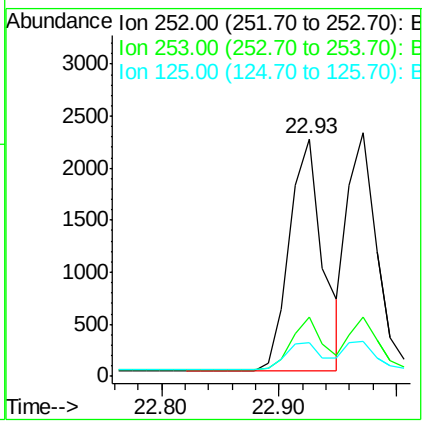


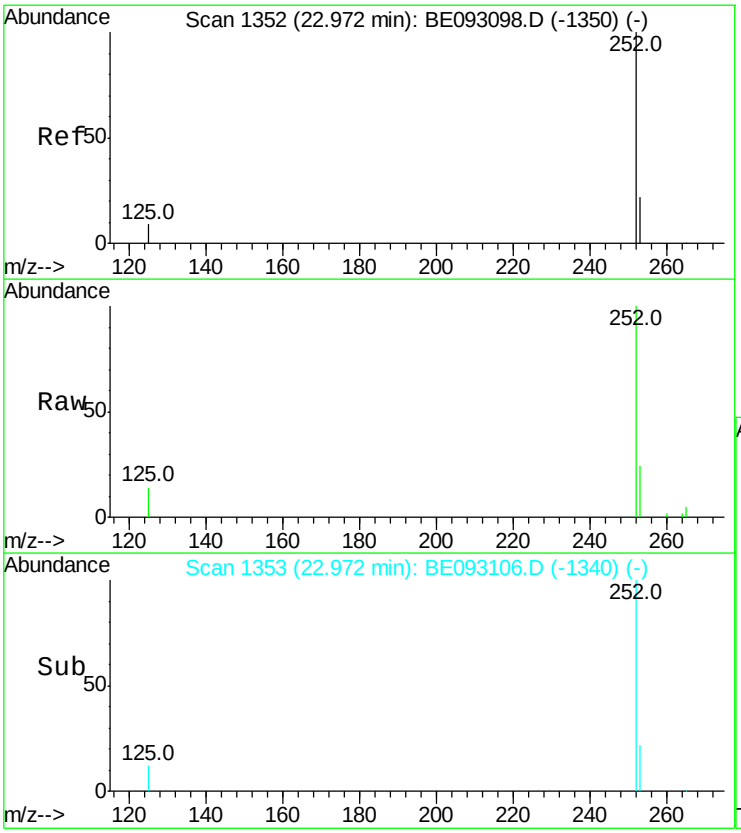
#35
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 22.93 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4415

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	14.3	13.4	20.0

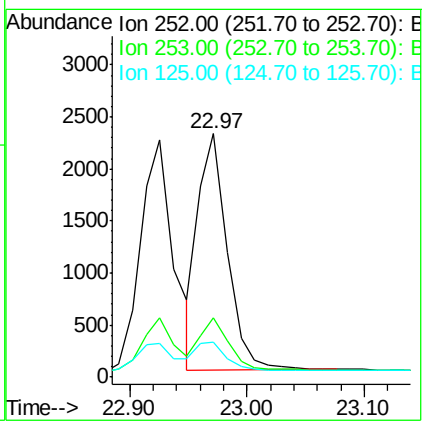


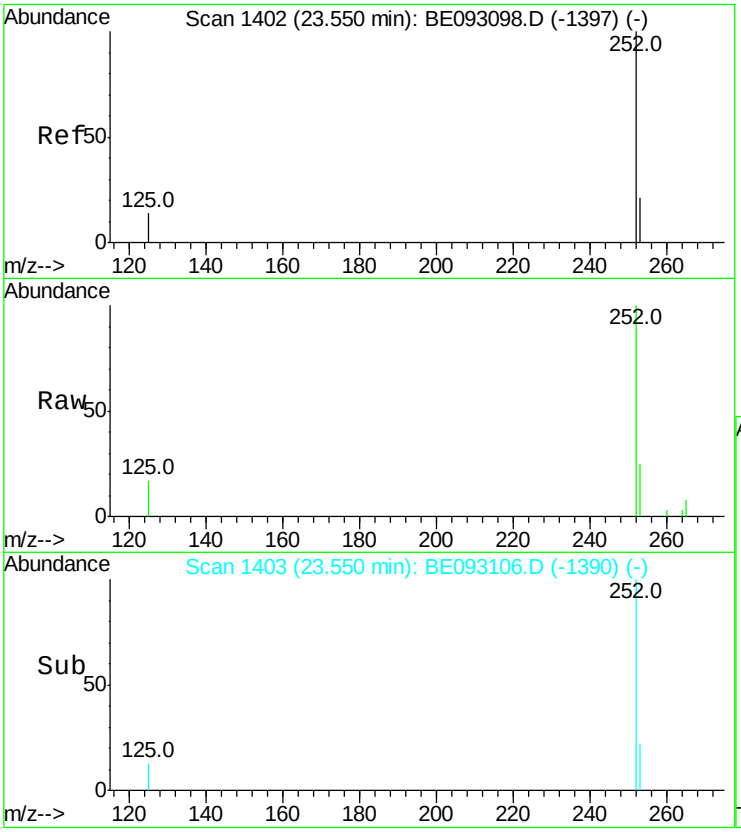


#36
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.97 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:252 Resp: 3941

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	14.5	12.2	18.4



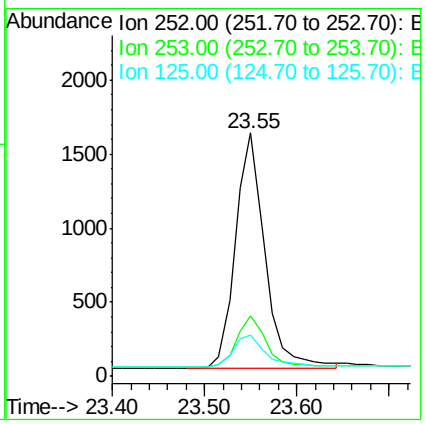


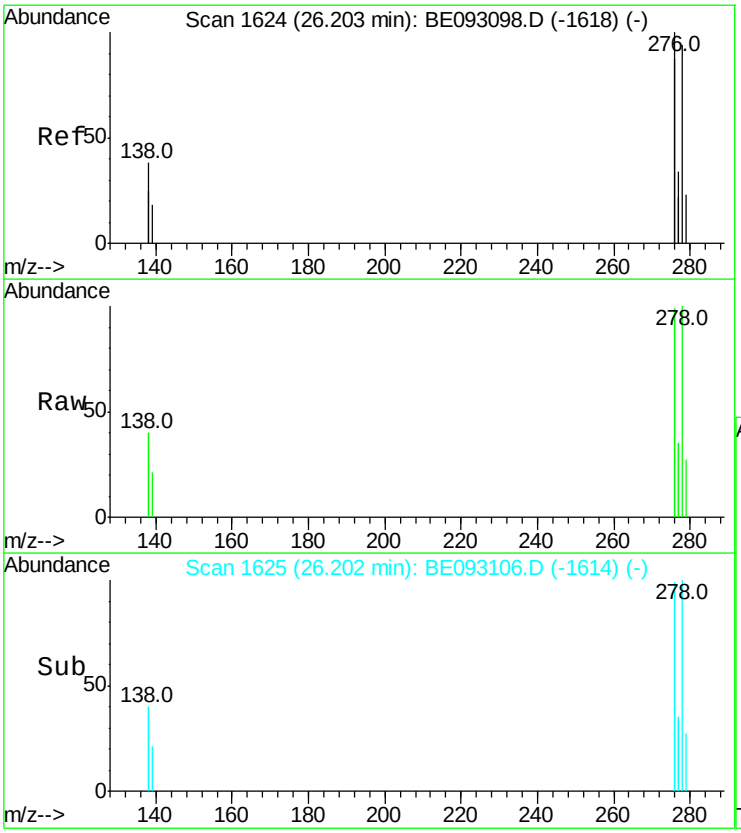
#37
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.55 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3492

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	16.9	14.6	21.8

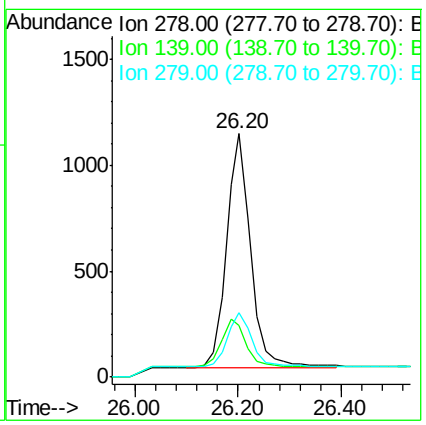


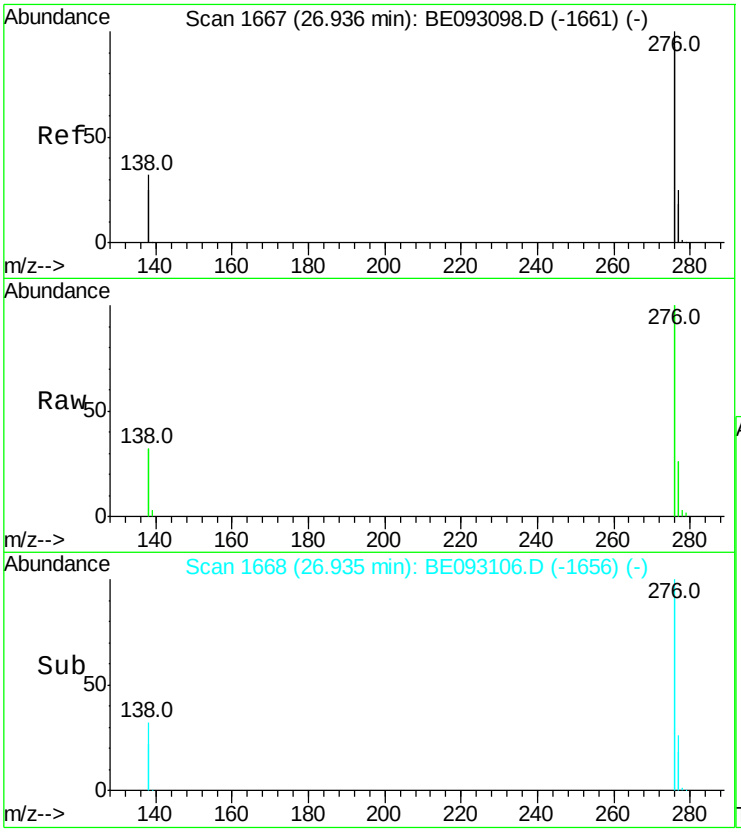


#38
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.20 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Tgt Ion:278 Resp: 3640

Ion	Ratio	Lower	Upper
278	100		
139	21.3	21.4	32.0#
279	26.5	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.94 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE093106.D
Acq: 12 Jun 2017 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15025

Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.2	31.8
138	31.6	24.5	36.7