Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093099.D
Acq On : 12 Jun 2017 11:37
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jun 12 12:12:44 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 12:06:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	632	0.40	ng		-0.02
7) Naphthalene-d8	10.51	136	2880	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	1471	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	2791	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4620	0.40	ng		0.00
34) Perylene-d12	23.67	264	3815	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1520	0.78	ng		0.00
5) Phenol-d6	6.90	99	2821	1.08	ng		0.00
8) Nitrobenzene-d5	8.88	82	1881	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	4925	1.17	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	276	0.63	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	5186	0.86	ng		0.00
25) Fluoranthene-d10	19.11	212	7879	1.07	ng		0.00
29) Terphenyl-d14	19.72	244	7208	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1105	0.864	ng		98
3) n-Nitrosodimethylamine	3.58	42	998	0.872	ng		99
6) bis(2-Chloroethyl)ether	7.15	93	1992	0.935	ng	#	100
9) Naphthalene	10.56	128	6329	0.834	ng		97
10) Hexachlorobutadiene	10.87	225	859	0.862	ng		99
12) 2-Methylnaphthalene	12.18	142	3954	0.841	ng		100
16) Acenaphthylene	14.08	152	20886	0.810	ng		100
17) Acenaphthene	14.44	154	3924	0.845	ng		95
18) Fluorene	15.41	166	4791	0.843	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	1435	1.655	ng	#	83
21) Hexachlorobenzene	16.44	284	1402	1.231	ng	#	100
22) Pentachlorophenol	16.79	266	413	1.183	ng		86
23) Phenanthrene	17.16	178	10124	1.674	ng		99
24) Anthracene	17.25	178	9361	1.645	ng		99
26) Fluoranthene	19.16	202	39450	1.149	ng	#	98
28) Pyrene	19.51	202	44381	0.797	ng	#	97
30) Benzo(a)anthracene	21.23	228	9850	0.784	ng	#	85
31) Chrysene	21.28	228	10769	0.802	ng	#	83
32) Bis(2-ethylhexyl)phthalate	21.18	149	3845	0.531	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.18	276	41145	0.837	ng		99
35) Benzo(b)fluoranthene	22.97	252	9549	0.792	ng		97
36) Benzo(k)fluoranthene	22.97	252	9852	0.815	ng		95
37) Benzo(a)pyrene	23.55	252	8770	0.795	ng		95
38) Dibenzo(a,h)anthracene	26.20	278	9342	0.911	ng	#	91
39) Benzo(g,h,i)perylene	26.95	276	37417	0.837	ng		95

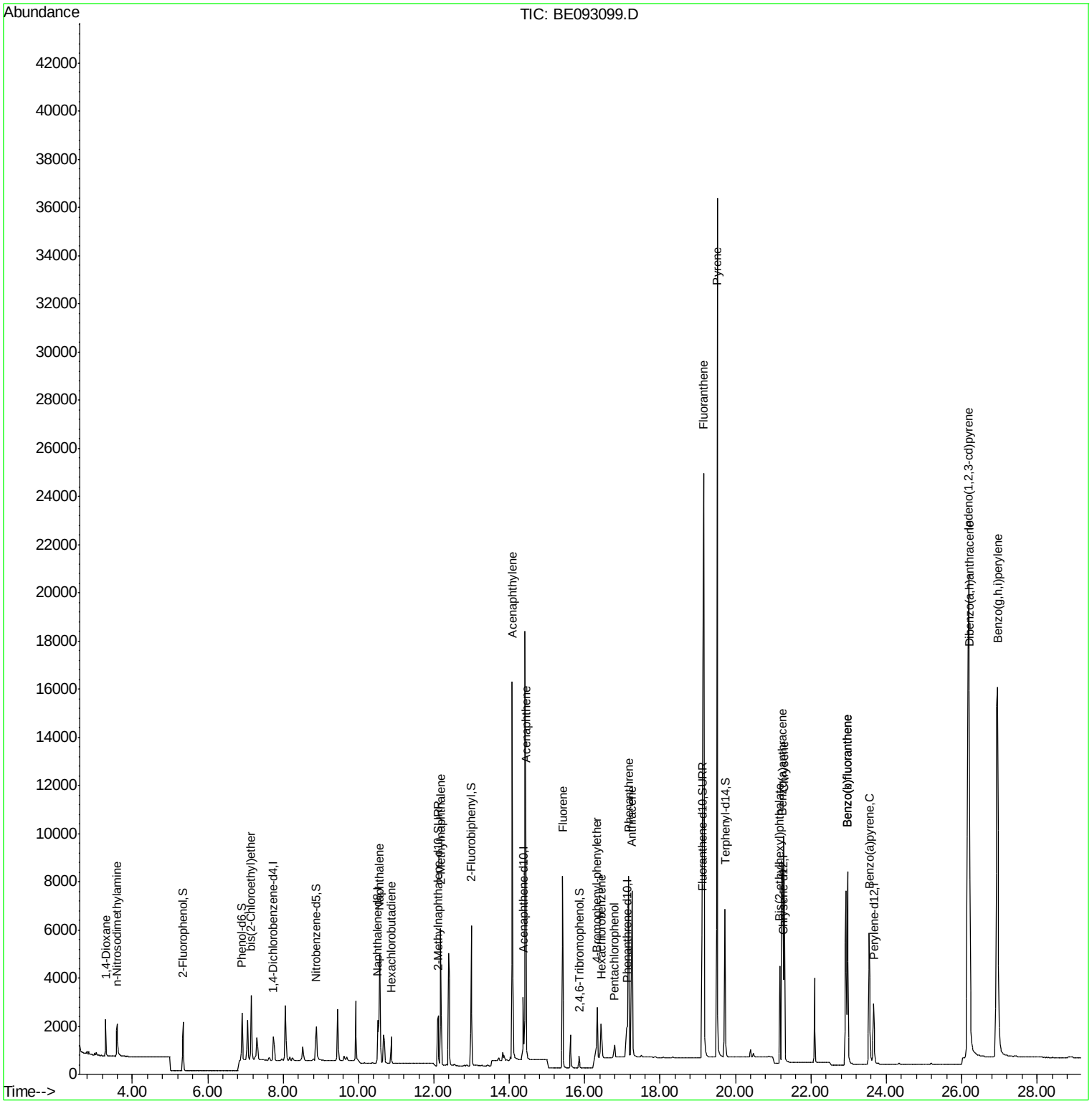
(#) = qualifier out of range (m) = manual integration (+) = signals summed

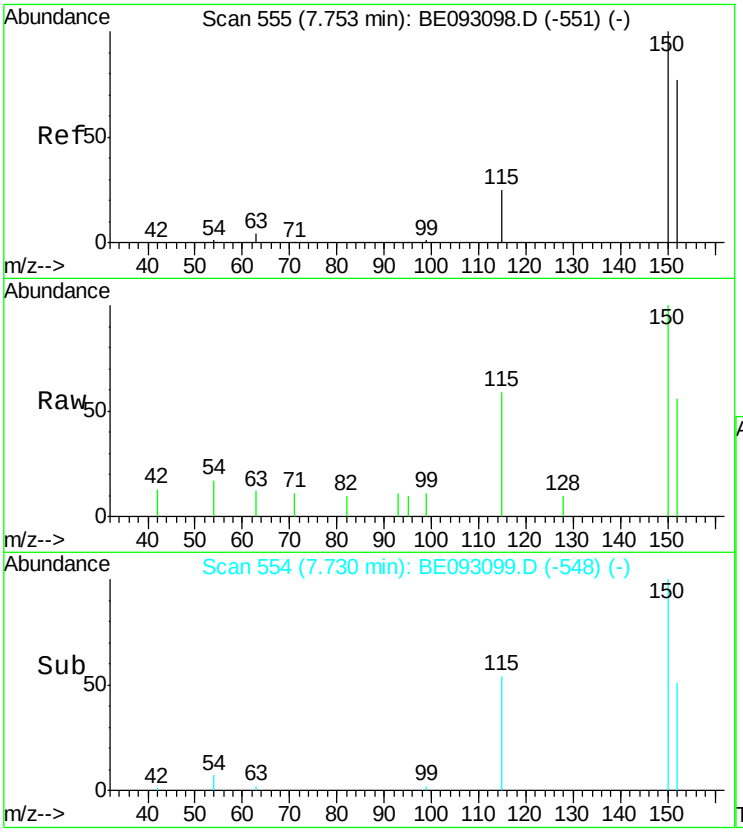
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093099.D
Acq On : 12 Jun 2017 11:37
Operator : SJ/MA
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 12 12:12:44 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 12:06:04 2017
Response via : Initial Calibration



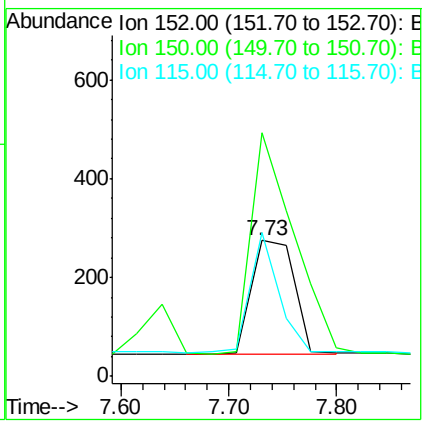


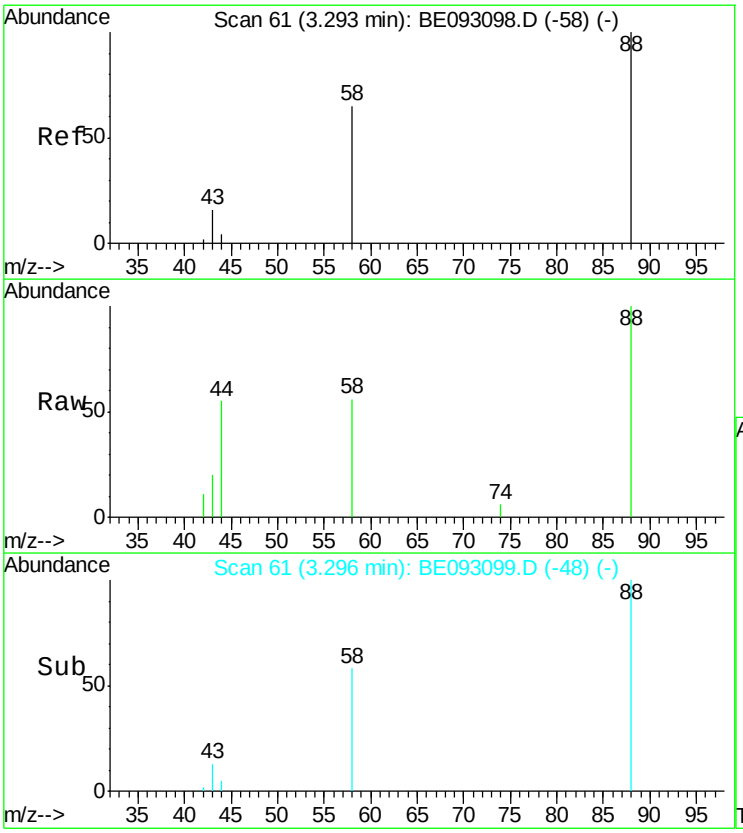
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 632

Ion	Ratio	Lower	Upper
152	100		
150	179.3	125.1	187.7
115	106.2	55.7	83.5#

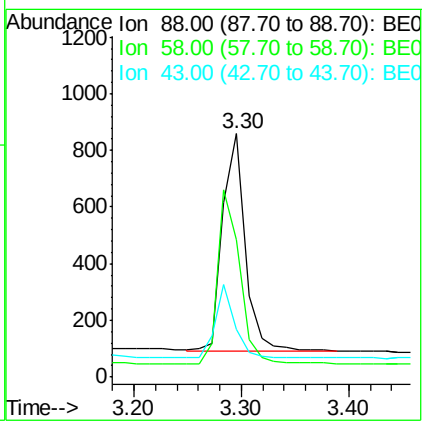


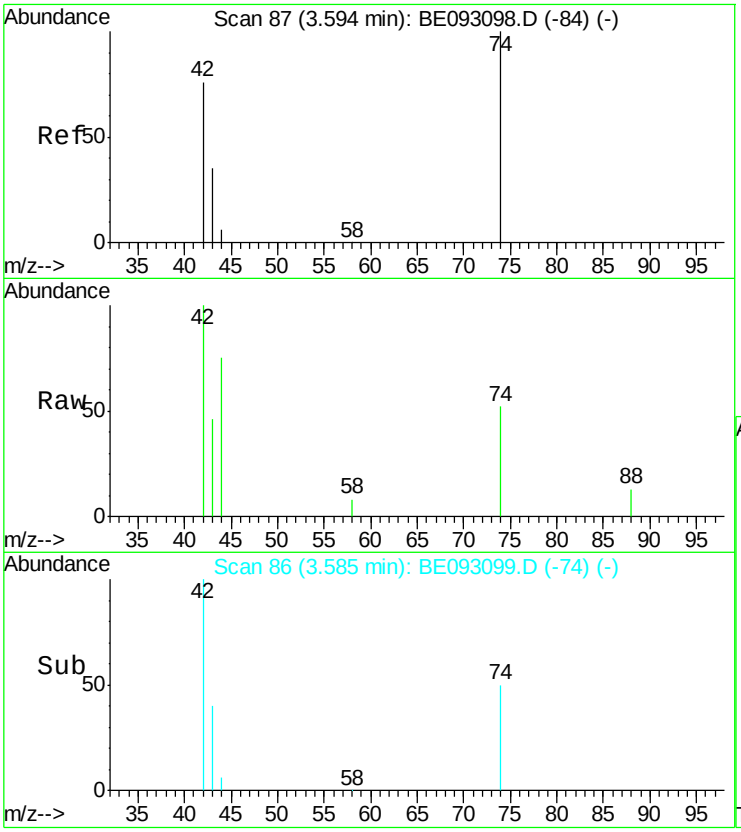


#2
1,4-Dioxane
Concen: 0.864 ng
RT: 3.30 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion: 88 Resp: 1105

Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.2	93.4
43	29.9	23.2	34.8



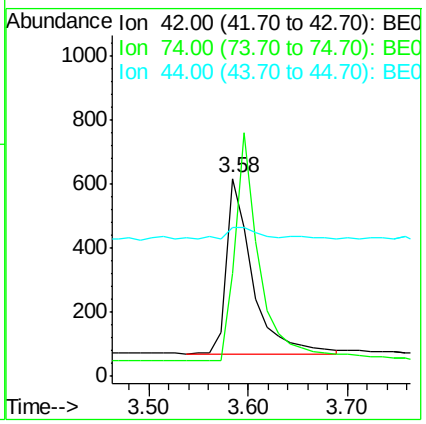


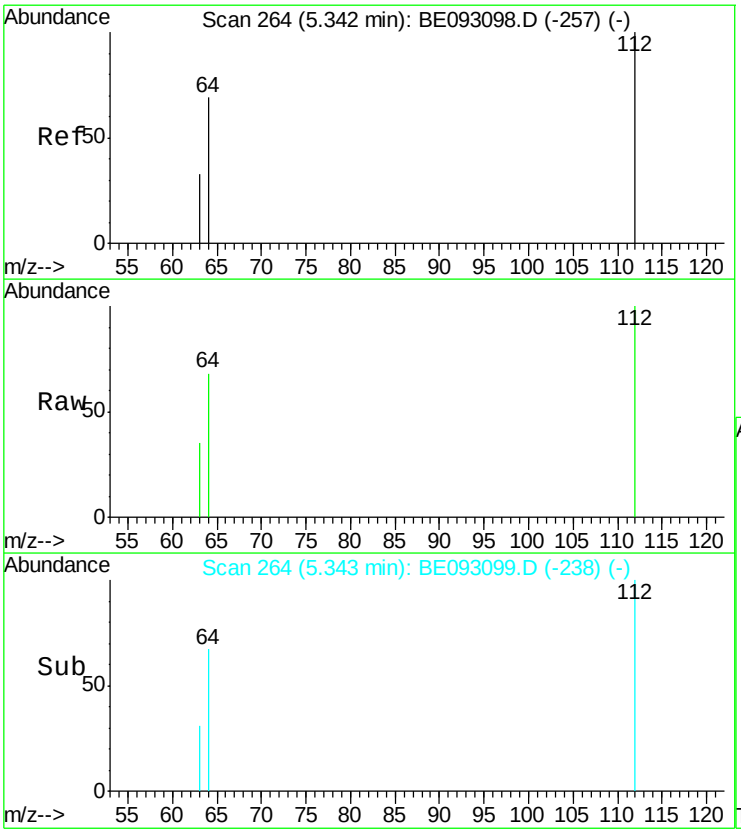
#3
n-Nitrosodimethylamine
Concen: 0.872 ng
RT: 3.58 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 998

Ion	Ratio	Lower	Upper
42	100		
74	123.0	99.1	148.7
44	8.3	7.4	11.2

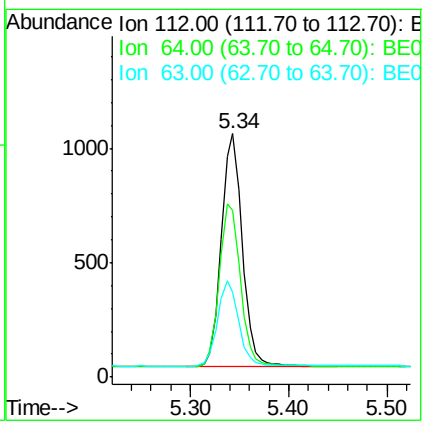


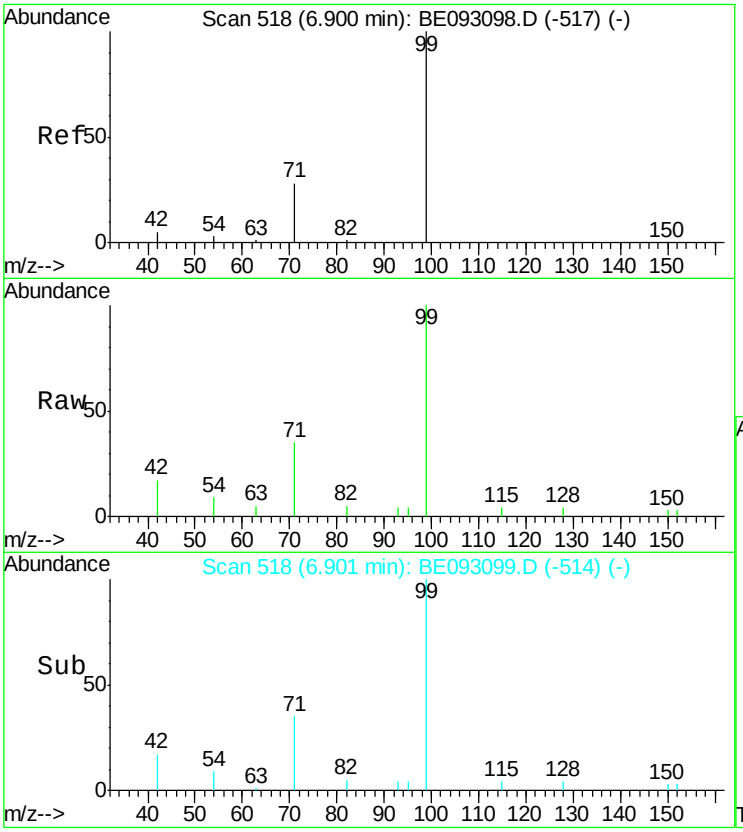


#4
2-Fluorophenol
Concen: 0.785 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:112 Resp: 1520

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.4	84.6
63	35.9	29.3	43.9



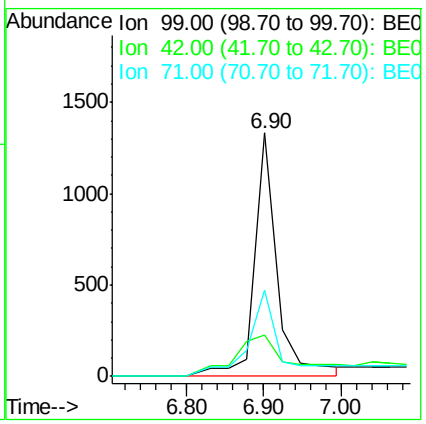


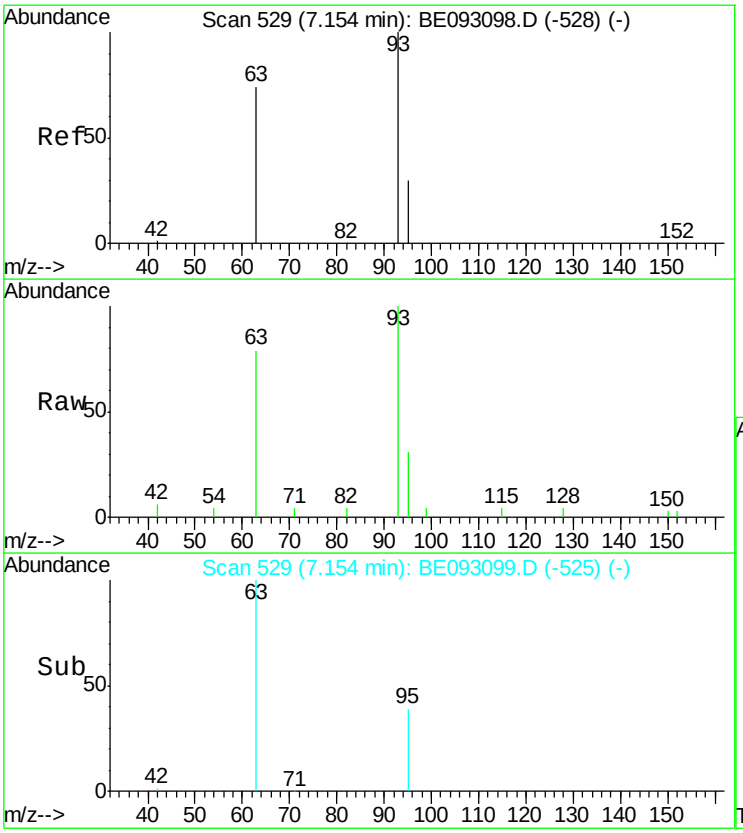
#5
Phenol-d6
Concen: 1.078 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2821

Ion	Ratio	Lower	Upper
99	100		
42	41.1	0.0	0.0#
71	47.2	0.0	0.0#

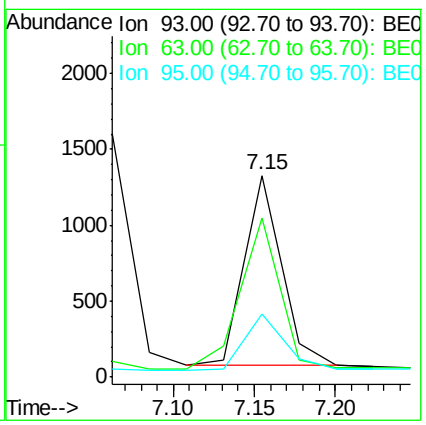


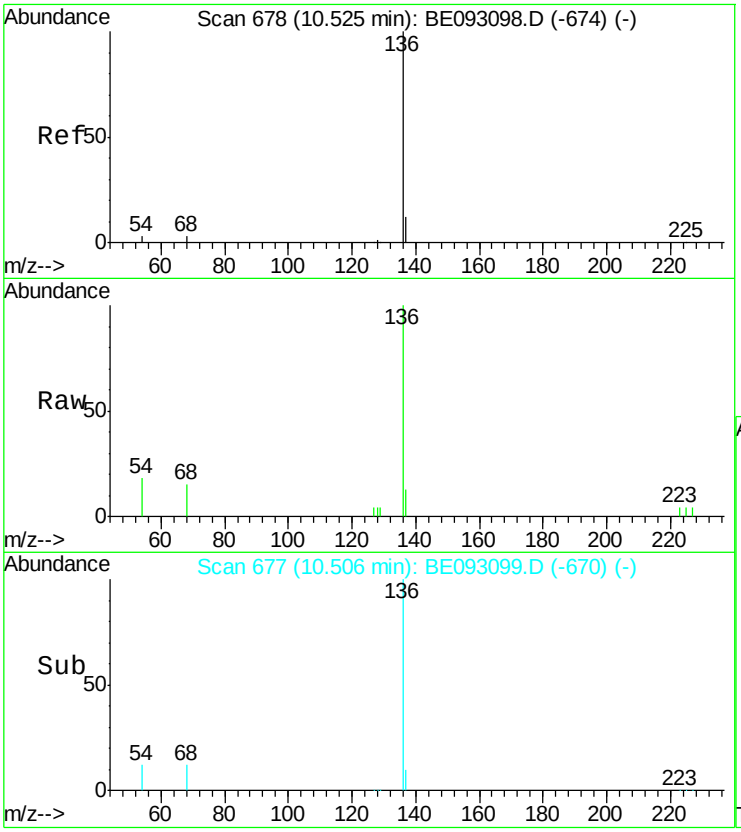


#6
bis(2-Chloroethyl)ether
Concen: 0.935 ng
RT: 7.15 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion: 93 Resp: 1992

Ion	Ratio	Lower	Upper
93	100		
63	85.3	0.0	0.0#
95	31.4	25.4	38.0



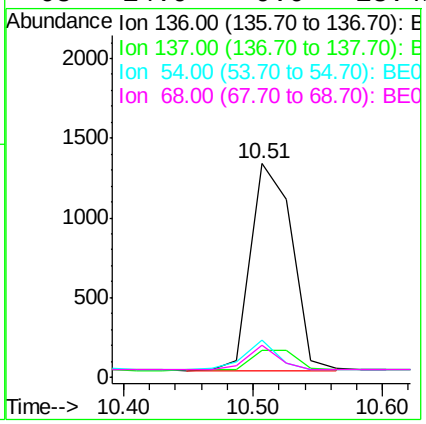


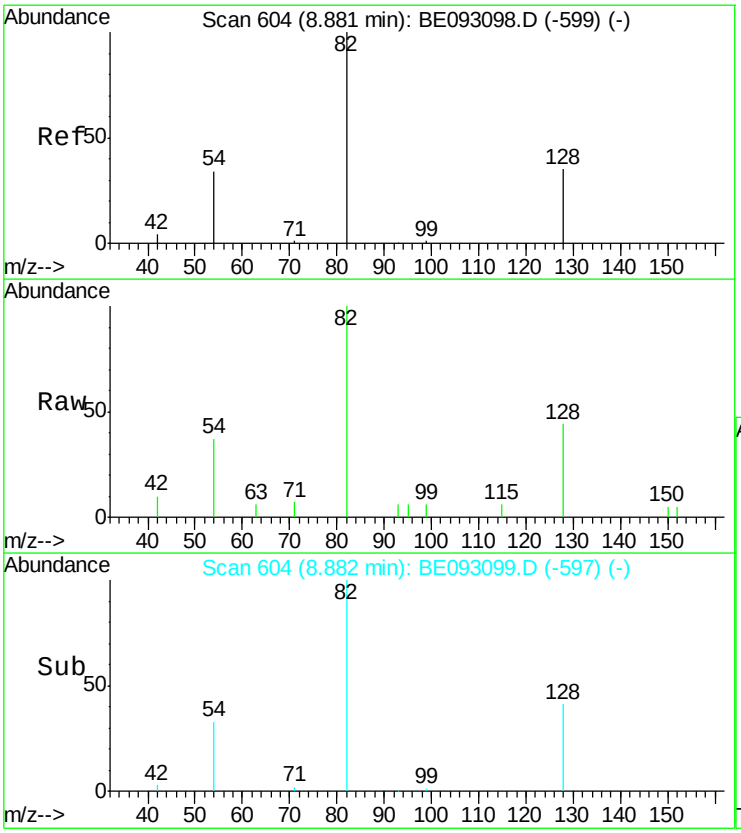
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 2880

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.8	14.8
54	17.5	10.3	15.5#
68	14.9	9.0	13.4#

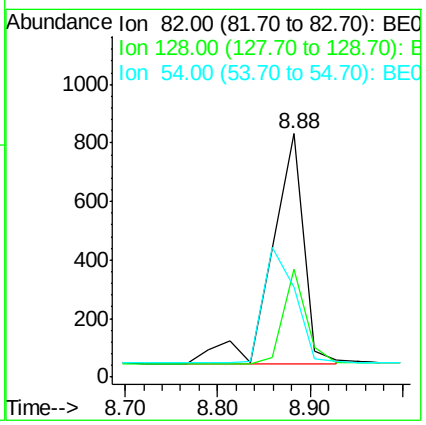


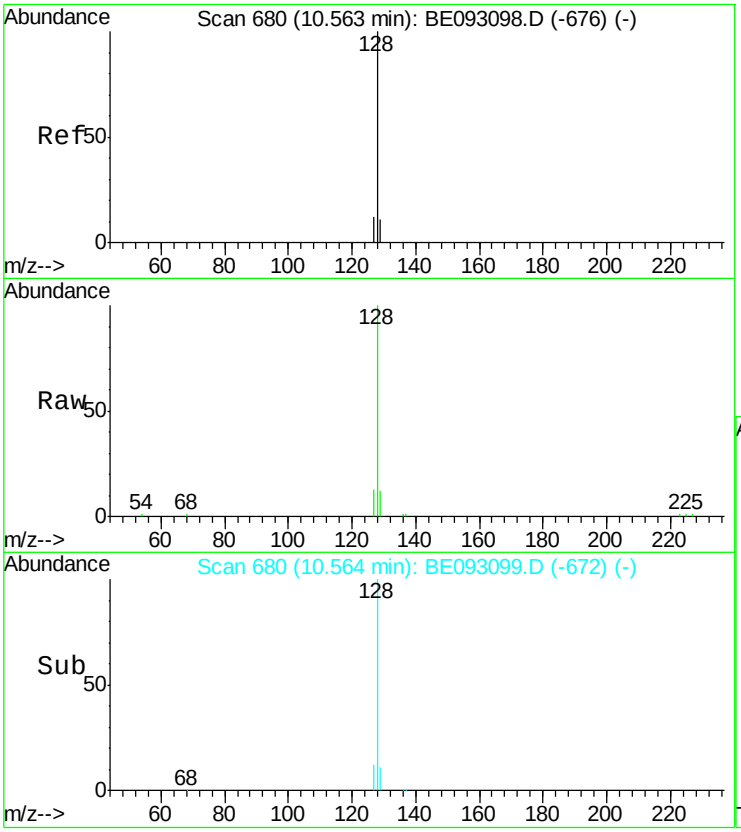


#8
Nitrobenzene-d5
Concen: 0.747 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion: 82 Resp: 1881

Ion	Ratio	Lower	Upper
82	100		
128	44.5	17.0	25.4#
54	36.9	53.8	80.6#



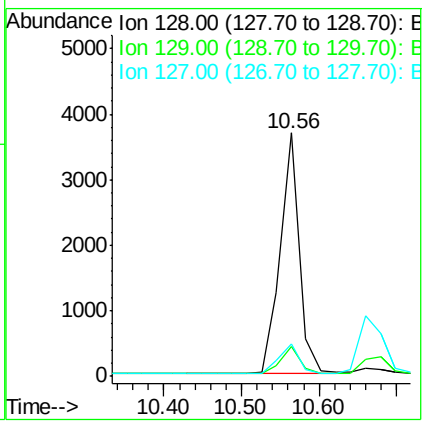


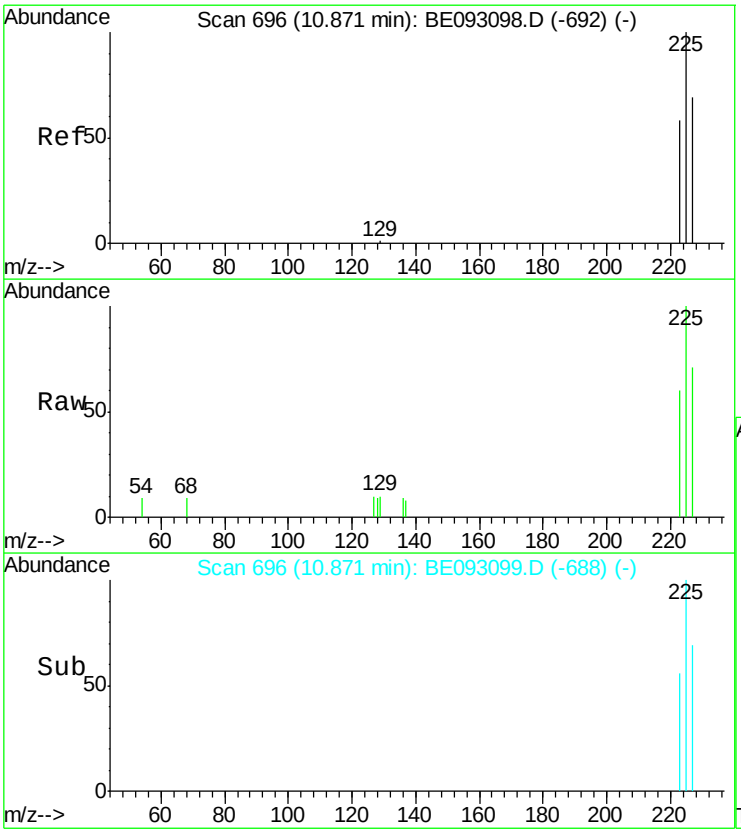
#9
Naphthalene
Concen: 0.834 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 6329

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.4	17.0
127	13.3	11.2	16.8

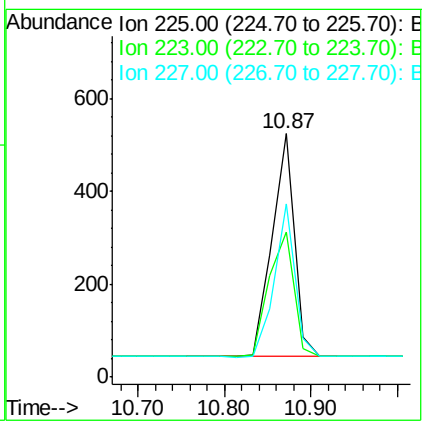


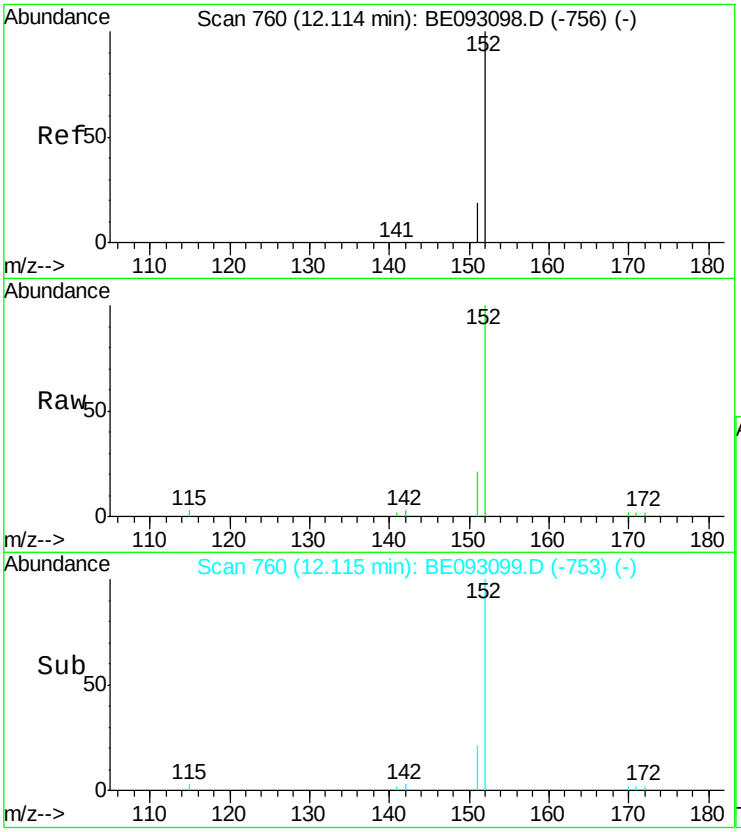


#10
Hexachlorobutadiene
Concen: 0.862 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:225 Resp: 859

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.3	50.3	75.5



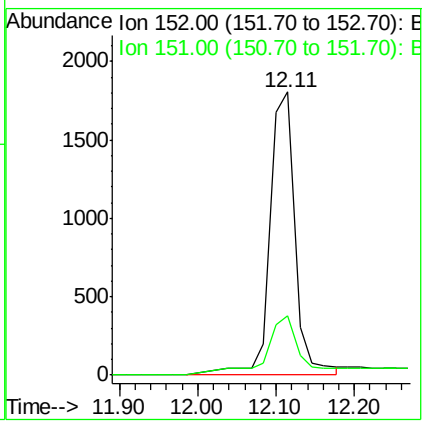


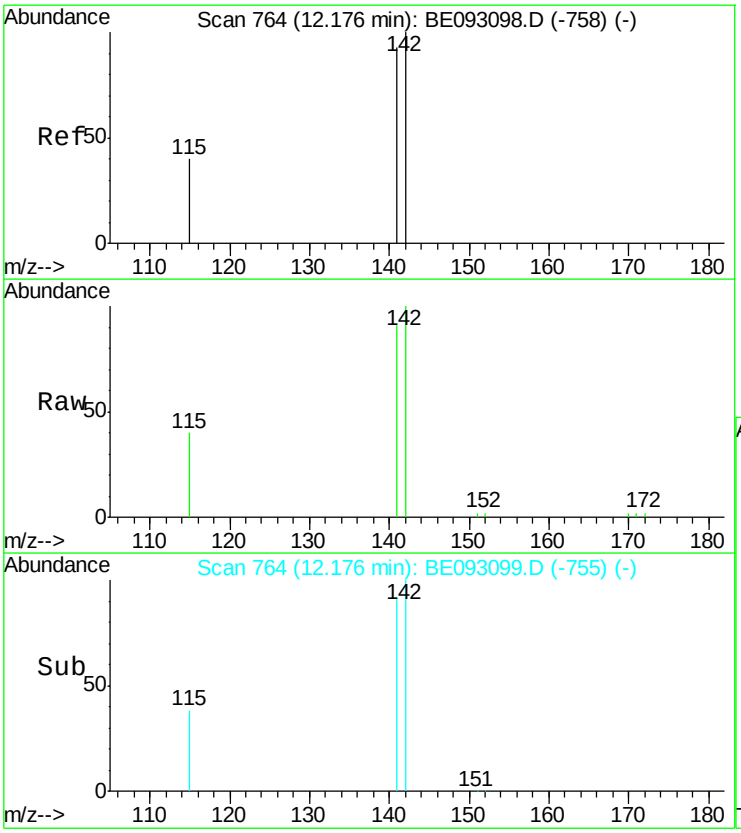
#11
2-Methylnaphthalene-d10
Concen: 1.167 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 4925

Ion	Ratio	Lower	Upper
152	100		
151	27.4	15.1	22.7#

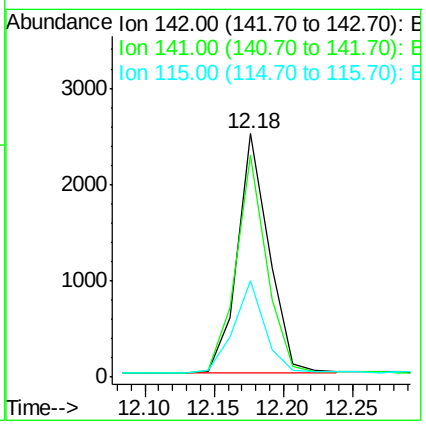


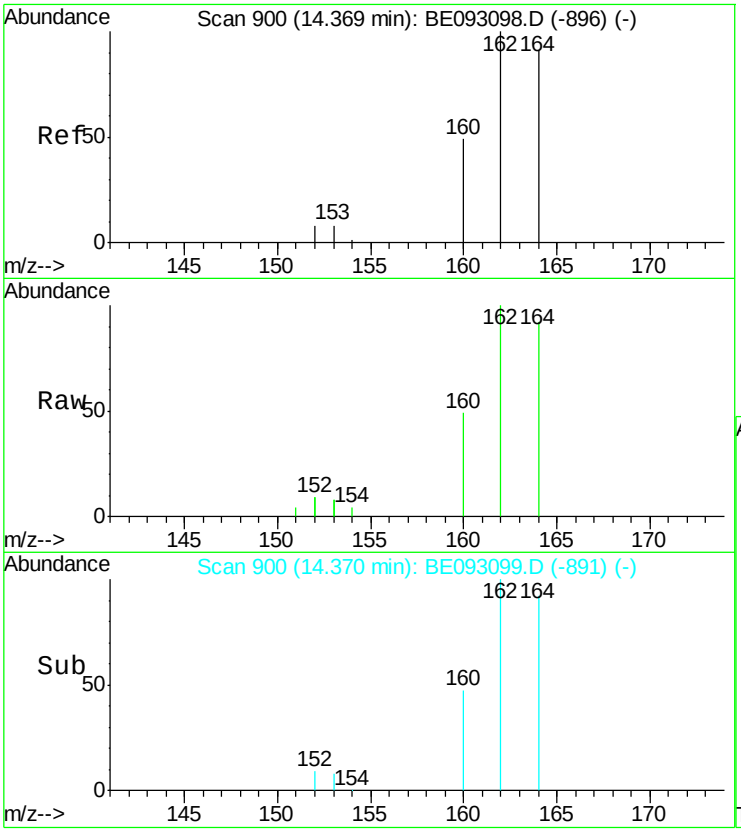


#12
2-Methylnaphthalene
Concen: 0.841 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:142 Resp: 3954

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8
115	39.6	32.2	48.2



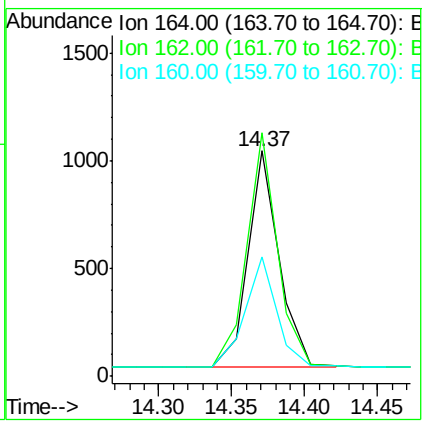


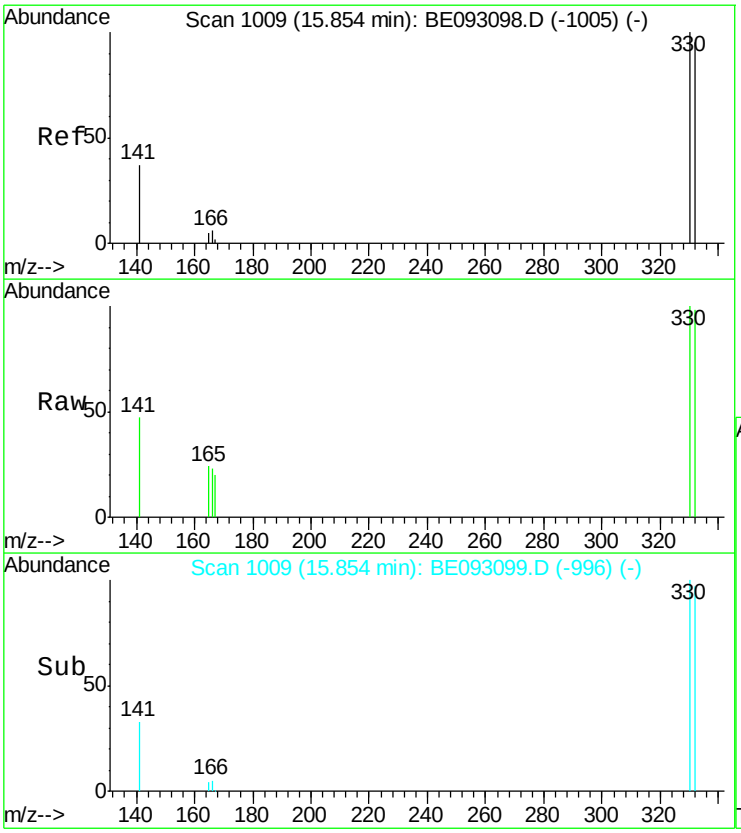
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 1471

Ion	Ratio	Lower	Upper
164	100		
162	108.1	84.6	127.0
160	53.2	41.8	62.6

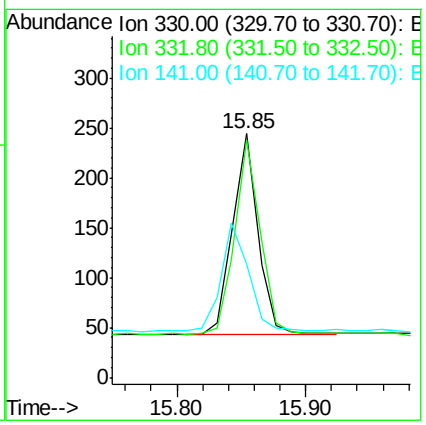


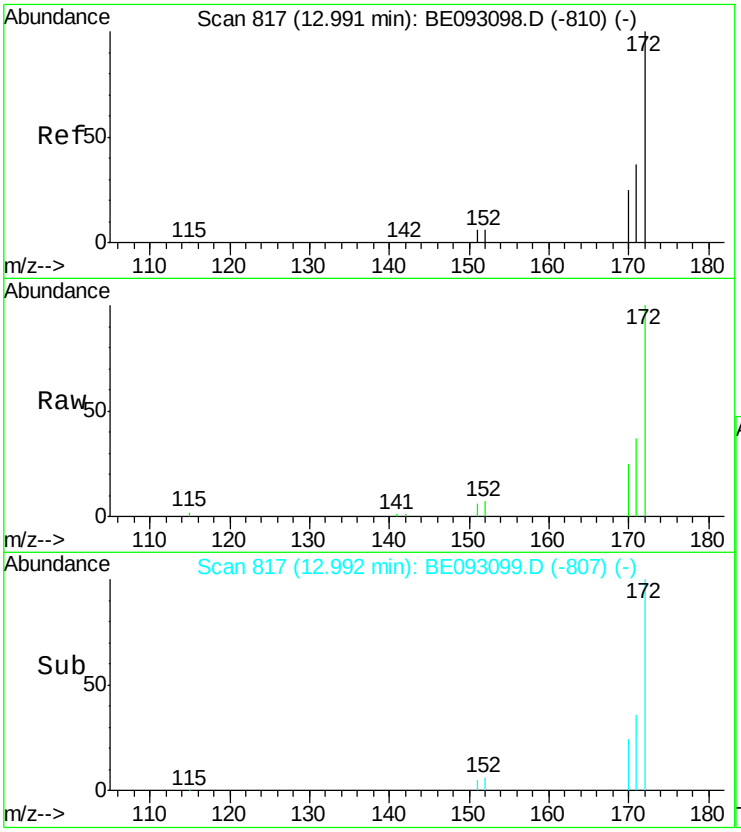


#14
2,4,6-Tribromophenol
Concen: 0.634 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:330 Resp: 276

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.7	116.5
141	59.4	56.2	84.4



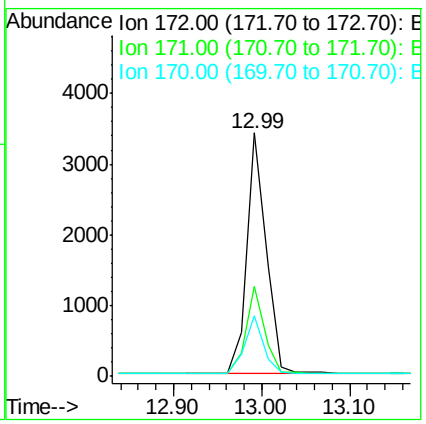


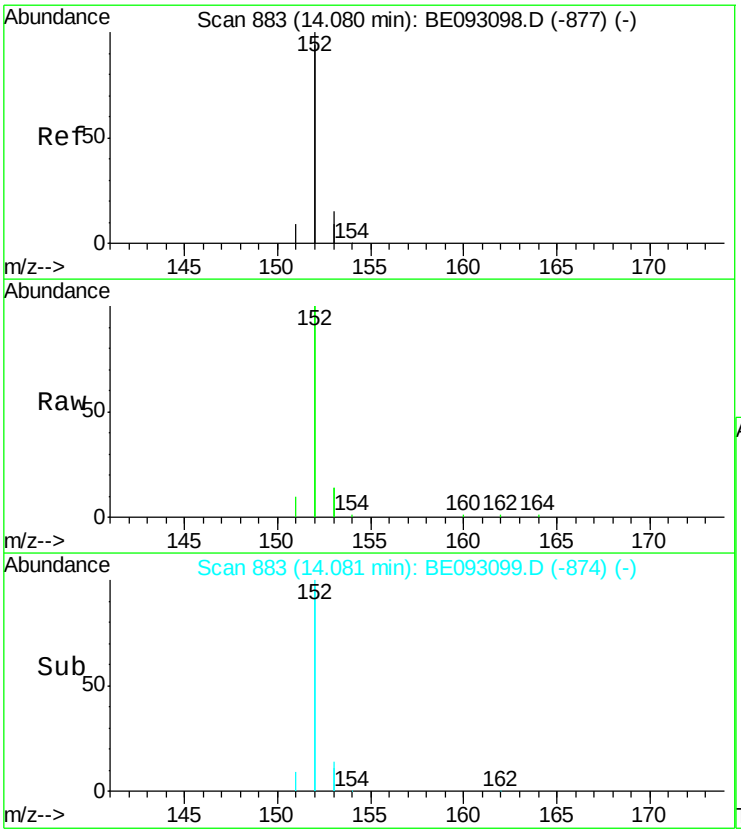
#15
2-Fluorobiphenyl
Concen: 0.857 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 5186

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.0	20.7	31.1

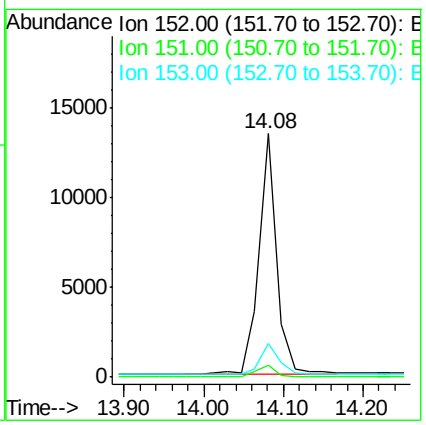


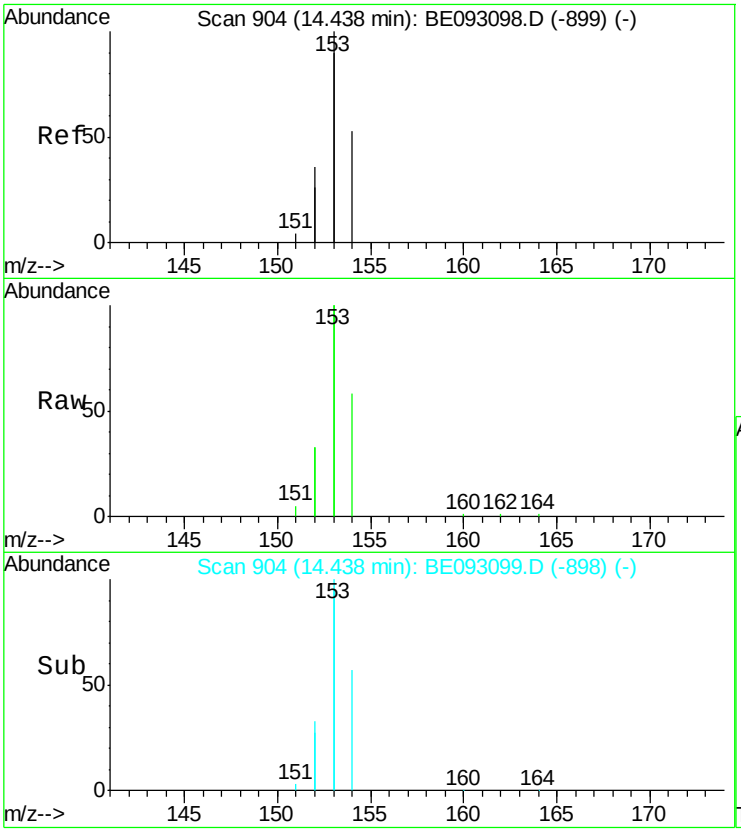


#16
Acenaphthylene
Concen: 0.810 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:152 Resp: 20886

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.0	10.3	15.5



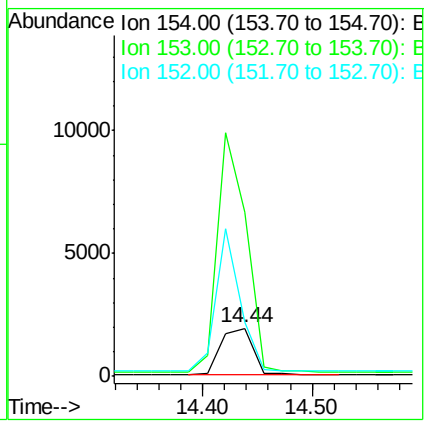


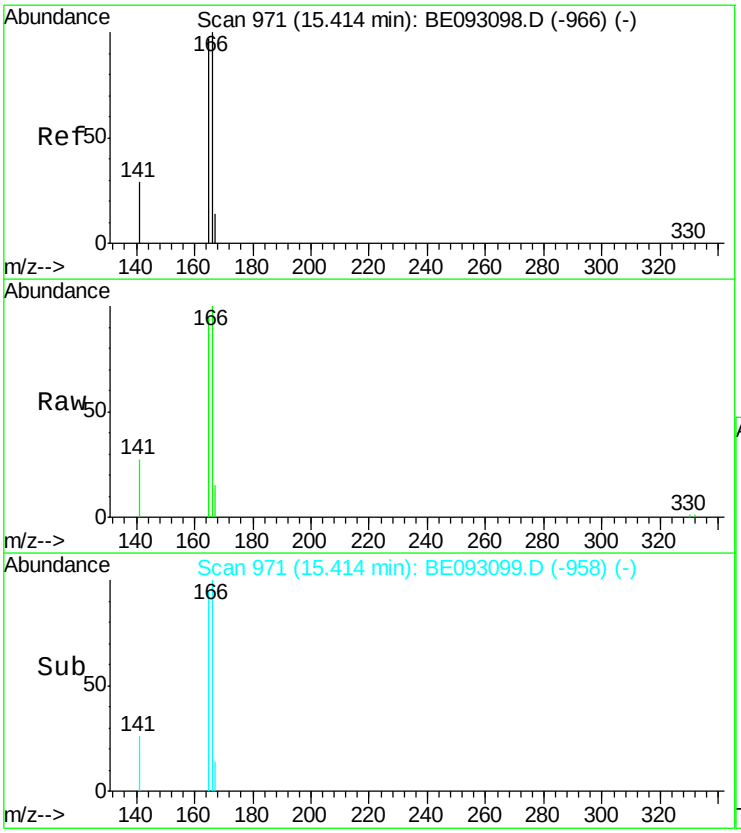
#17
Acenaphthene
Concen: 0.845 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 3924

Ion	Ratio	Lower	Upper
154	100		
153	446.8	367.8	551.6
152	228.4	188.2	282.2

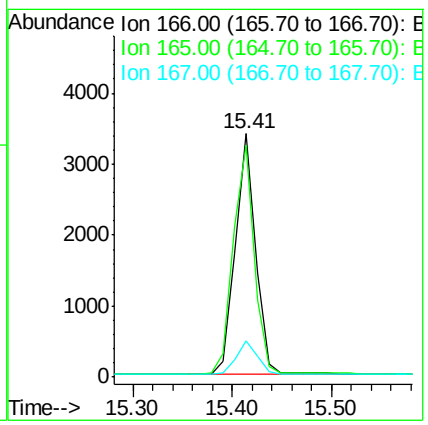


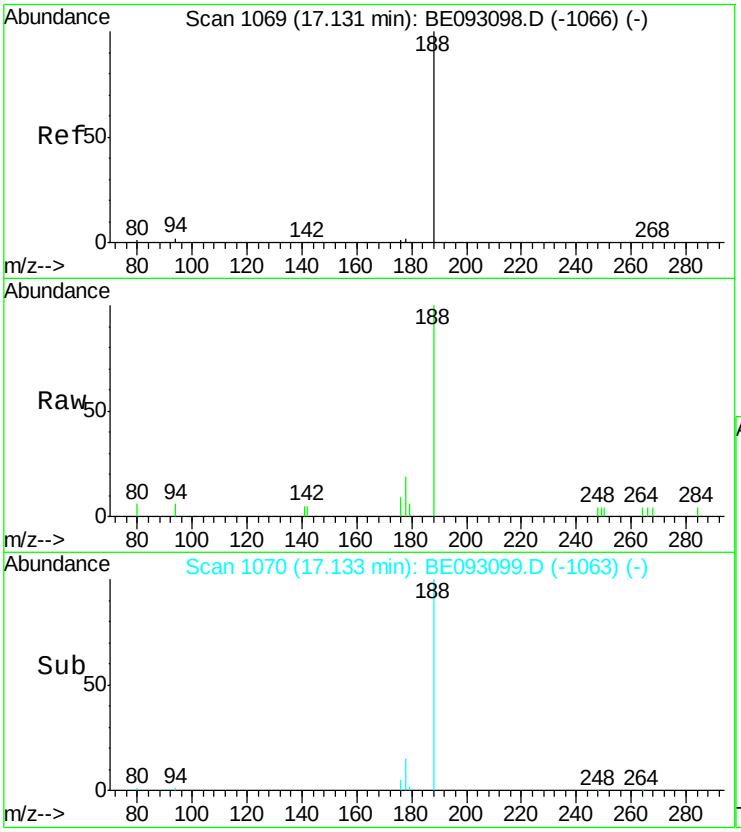


#18
Fluorene
Concen: 0.843 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:166 Resp: 4791

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	14.0	11.1	16.7



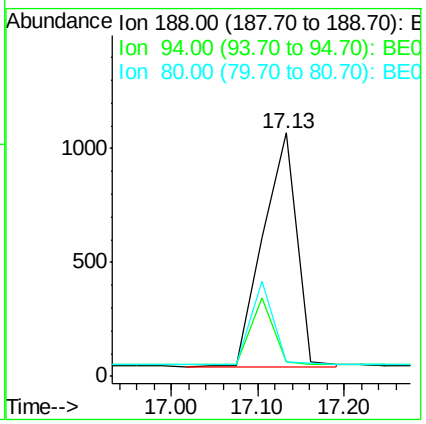


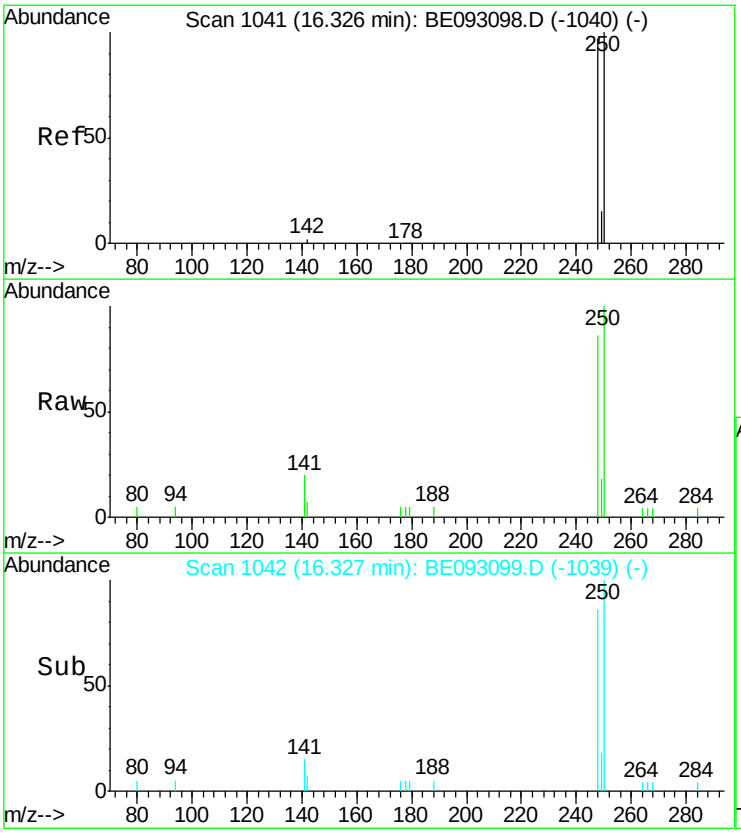
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 2791

Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.3	16.9#
80	6.2	11.7	17.5#

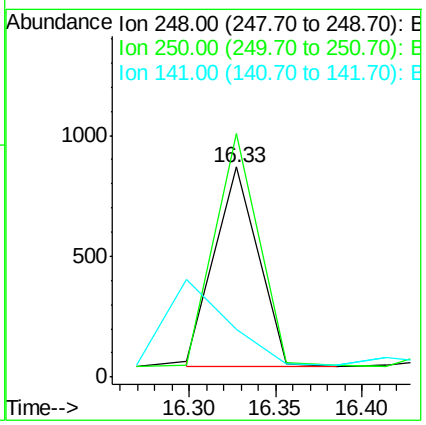


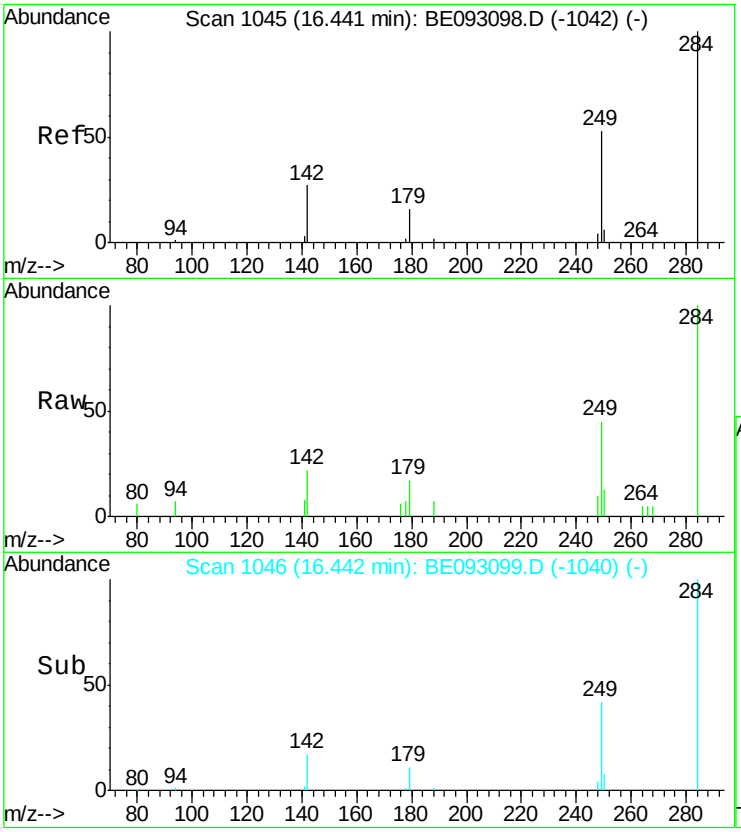


#20
4-Bromophenyl-phenylether
Concen: 1.655 ng
RT: 16.33 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:248 Resp: 1435

Ion	Ratio	Lower	Upper
248	100		
250	115.9	100.0	150.0
141	23.0	40.0	60.0#



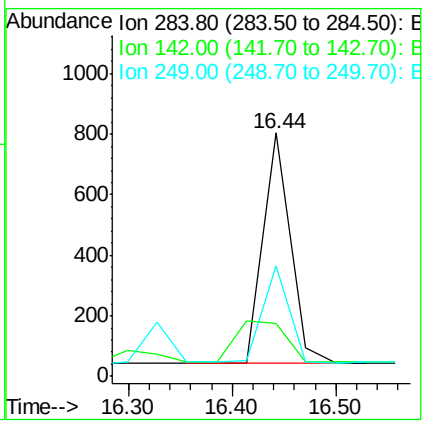


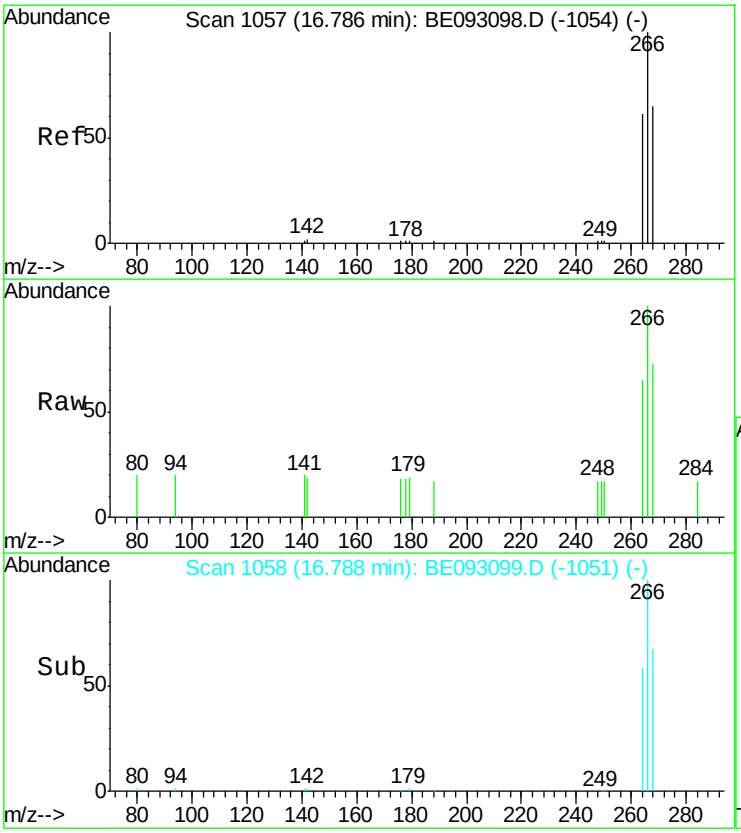
#21
Hexachlorobenzene
Concen: 1.231 ng
RT: 16.44 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 1402

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	40.4	0.0	0.0#

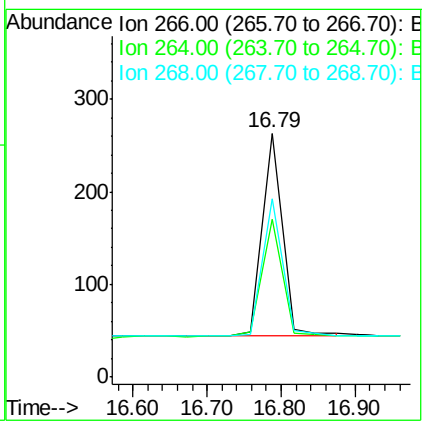


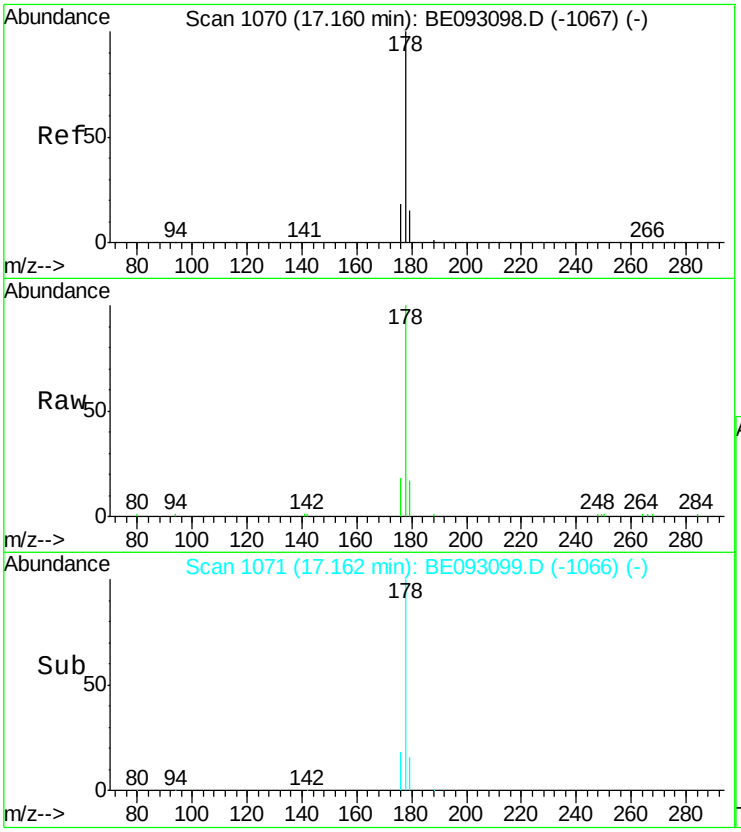


#22
Pentachlorophenol
Concen: 1.183 ng
RT: 16.79 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:266 Resp: 413

Ion	Ratio	Lower	Upper
266	100		
264	65.0	58.2	87.2
268	73.0	71.9	107.9



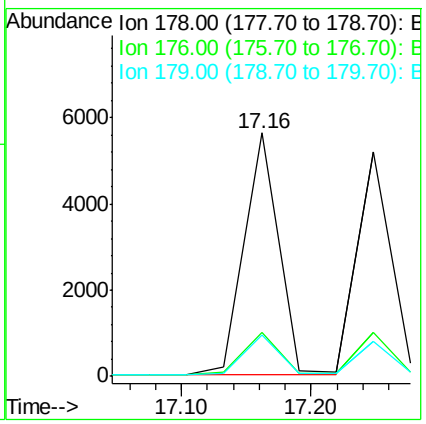


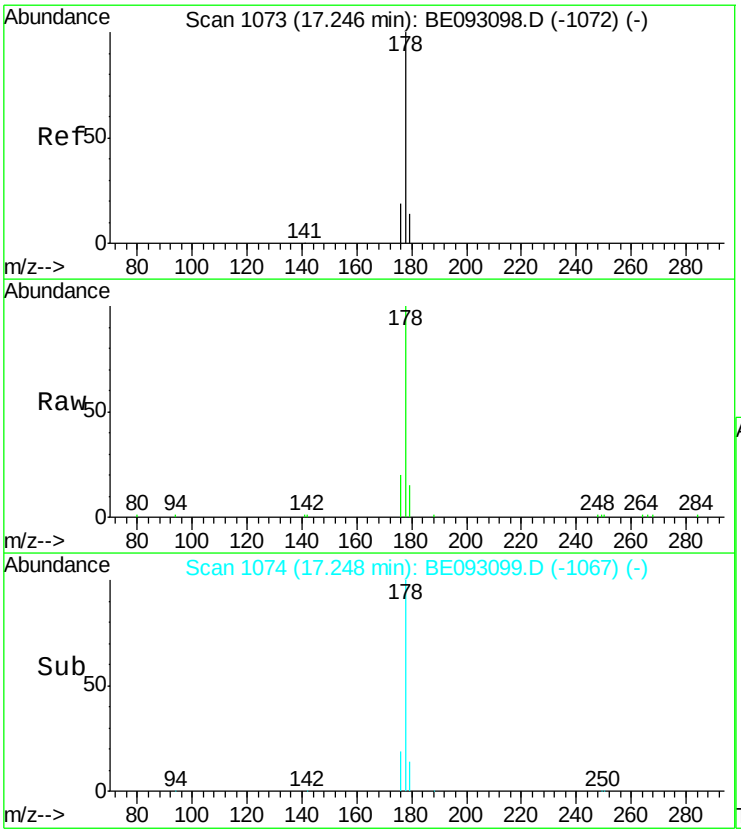
#23
Phenanthrene
Concen: 1.674 ng
RT: 17.16 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 10124

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	16.1	12.7	19.1

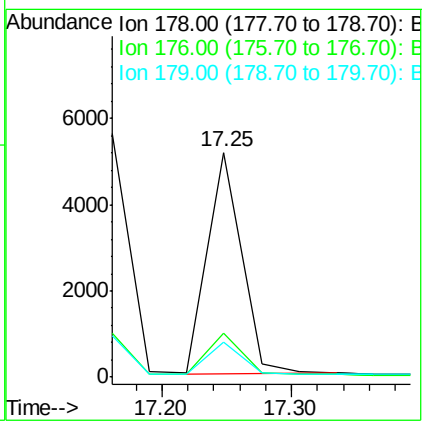


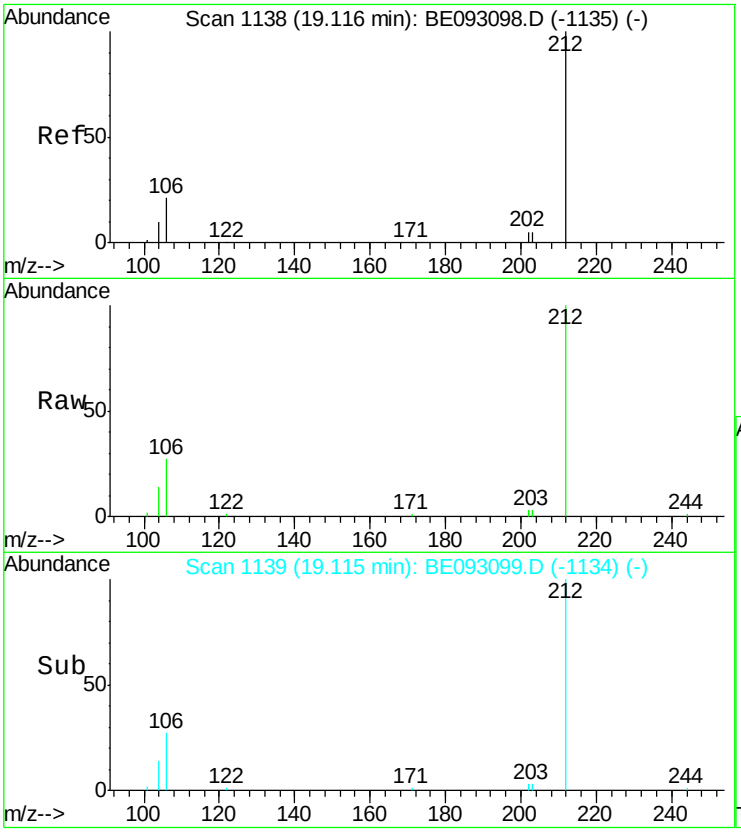


#24
Anthracene
Concen: 1.645 ng
RT: 17.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:178 Resp: 9361

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	14.7	12.0	18.0



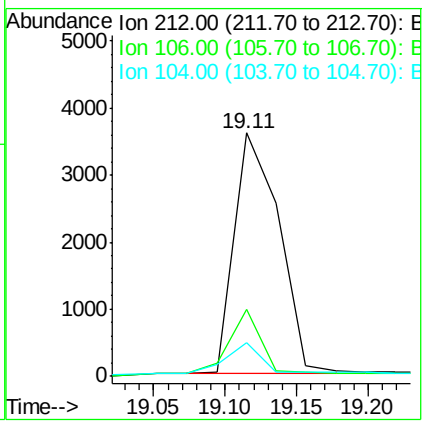


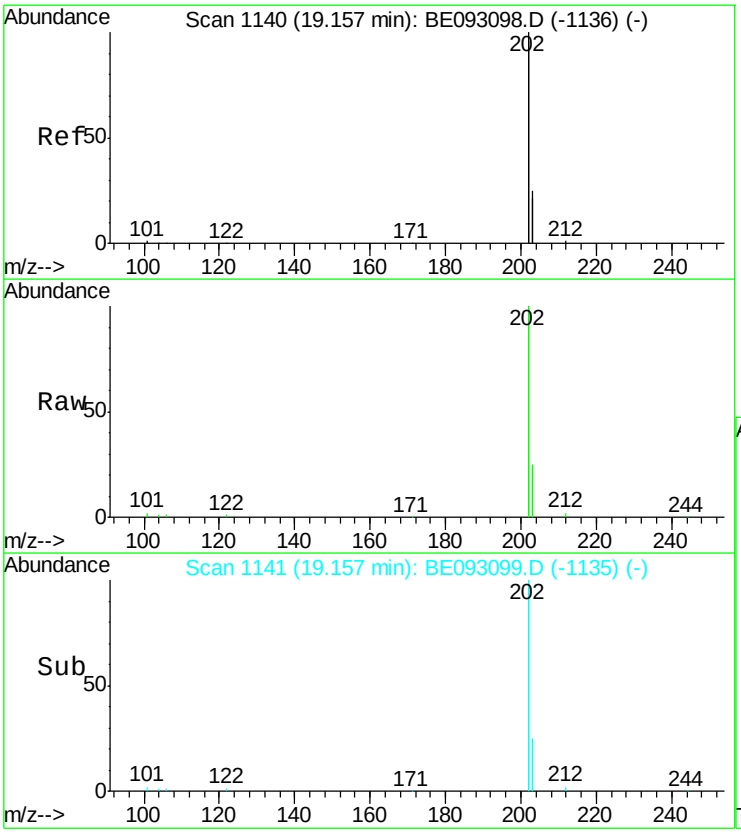
#25
Fluoranthene-d10
Concen: 1.075 ng
RT: 19.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 7879

Ion	Ratio	Lower	Upper
212	100		
106	18.2	0.0	0.0#
104	9.6	0.0	0.0#

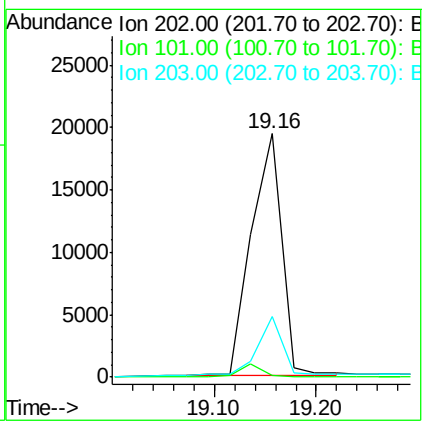


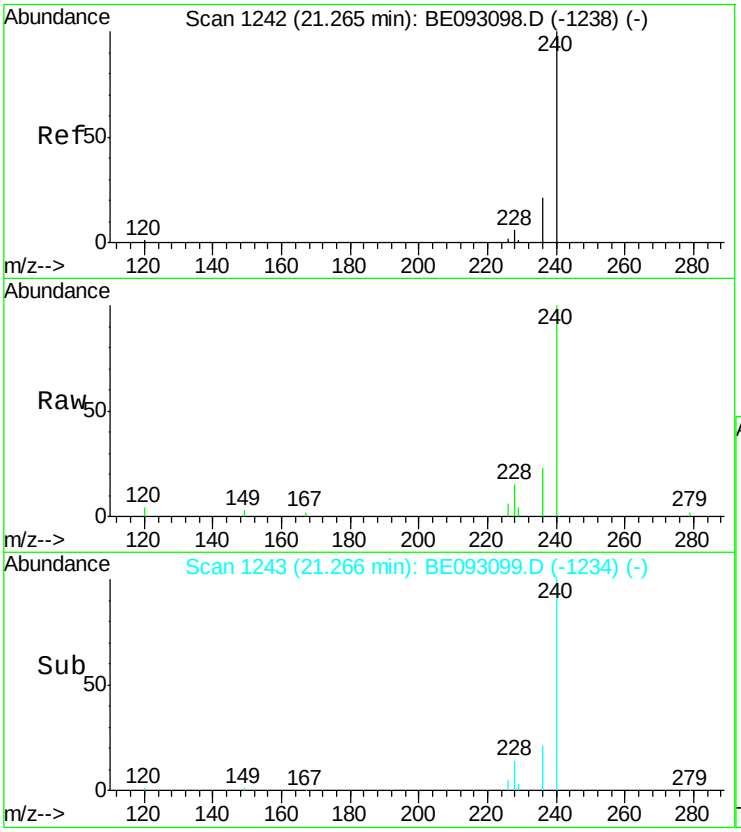


#26
Fluoranthene
Concen: 1.149 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:202 Resp: 39450

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	19.1	14.4	21.6



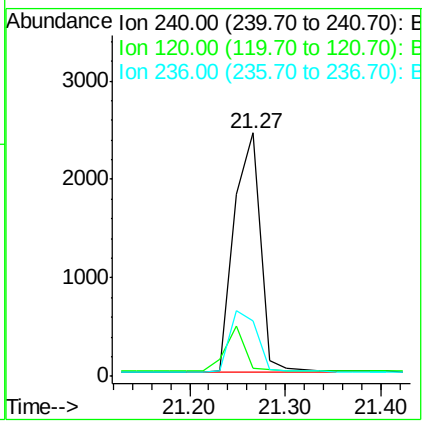


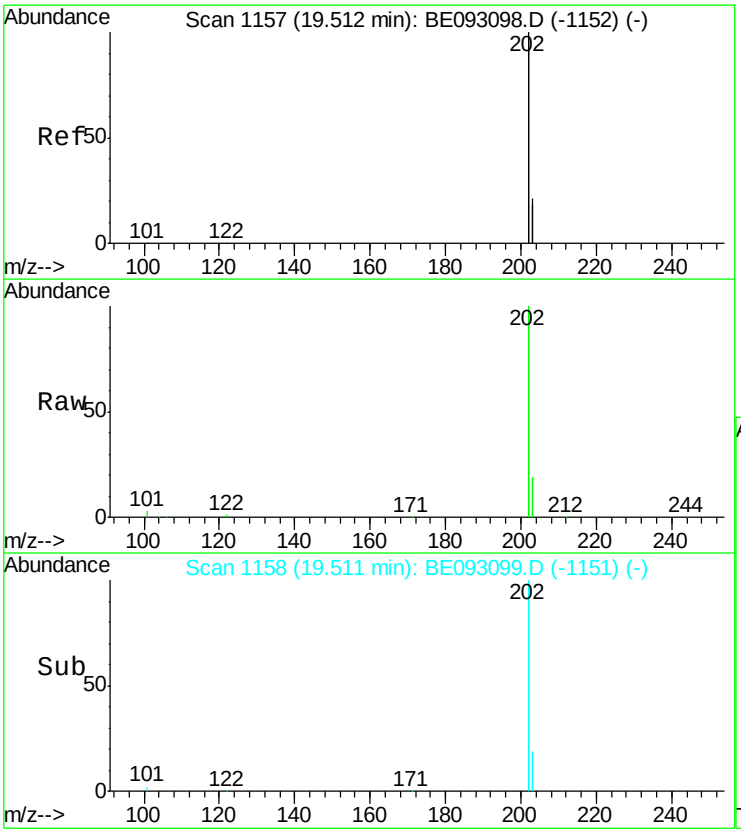
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 4620

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.6	7.0#
236	22.6	20.8	31.2

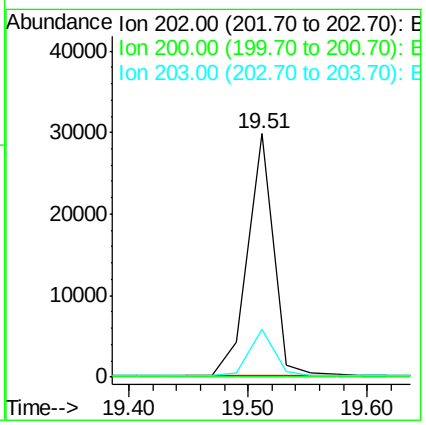


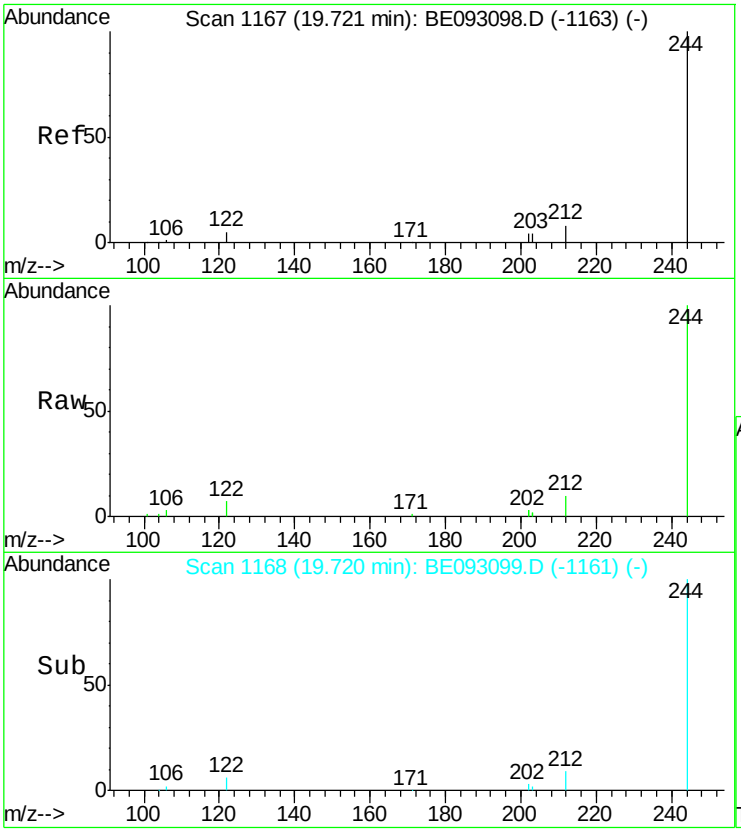


#28
Pyrene
Concen: 0.797 ng
RT: 19.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:202 Resp: 44381

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.3	13.7	20.5



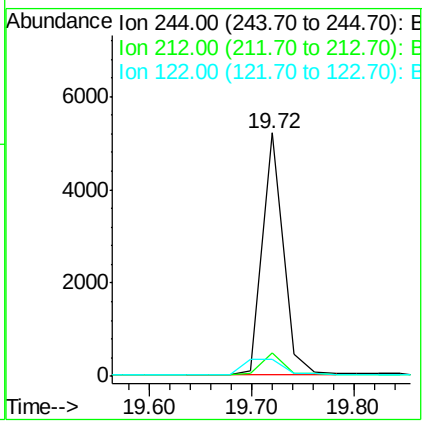


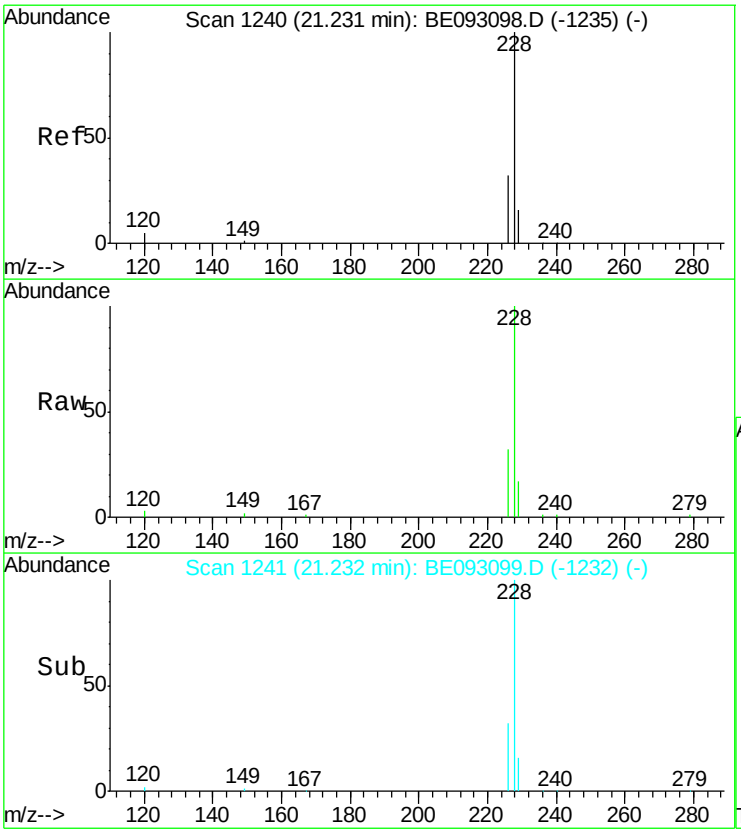
#29
Terphenyl-d14
Concen: 0.836 ng
RT: 19.72 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 7208

Ion	Ratio	Lower	Upper
244	100		
212	9.6	10.6	16.0#
122	7.1	15.4	23.0#

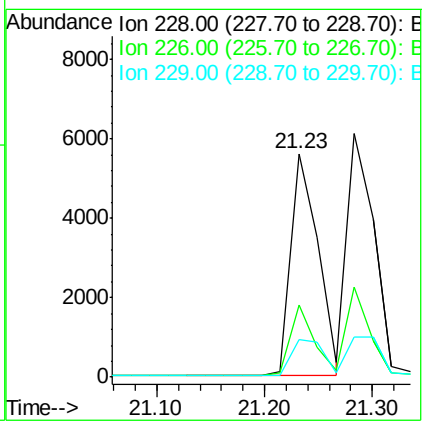


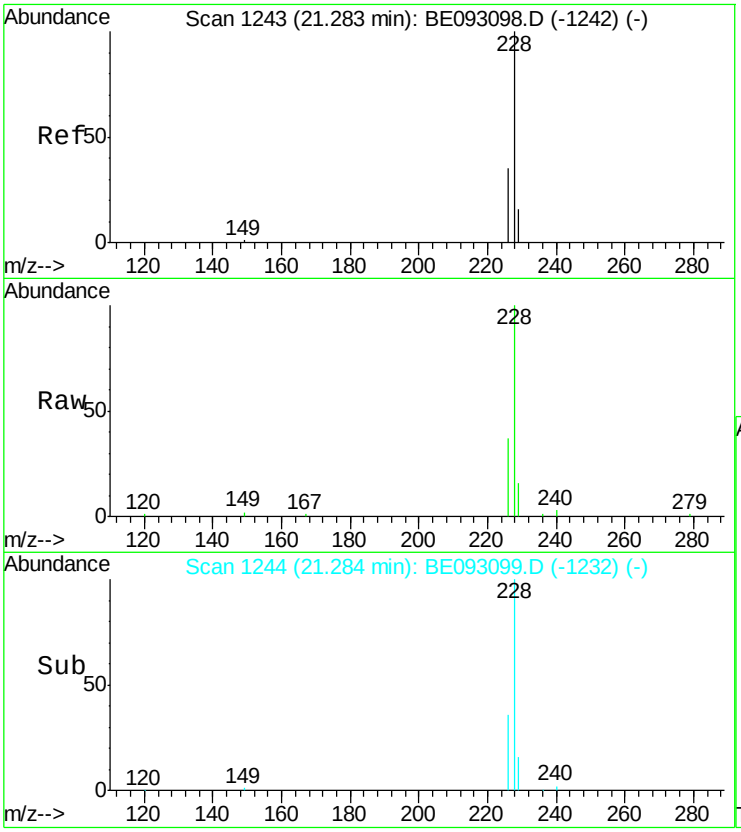


#30
Benzo(a)anthracene
Concen: 0.784 ng
RT: 21.23 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:228 Resp: 9850

Ion	Ratio	Lower	Upper
228	100		
226	32.4	19.7	29.5#
229	16.8	19.2	28.8#



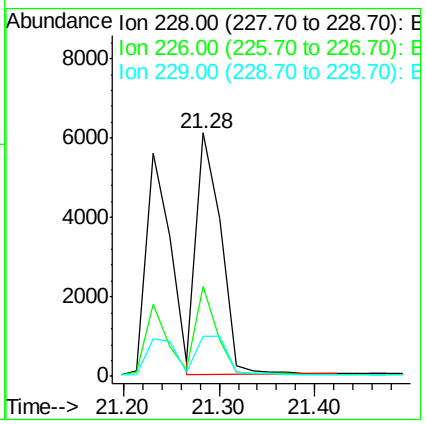


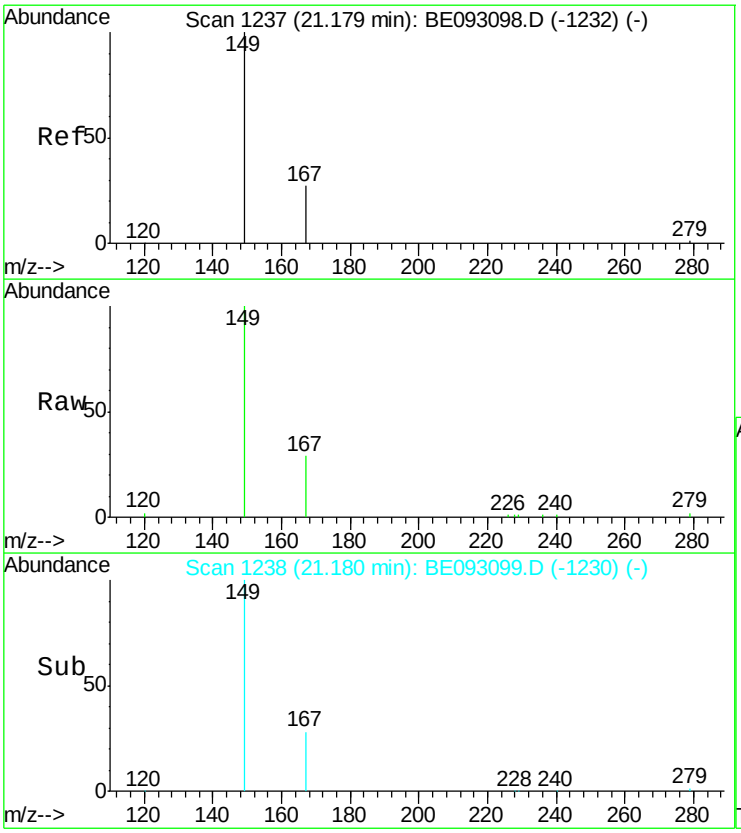
#31
Chrysene
Concen: 0.802 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 10769

Ion	Ratio	Lower	Upper
228	100		
226	36.9	21.5	32.3#
229	16.5	18.6	28.0#

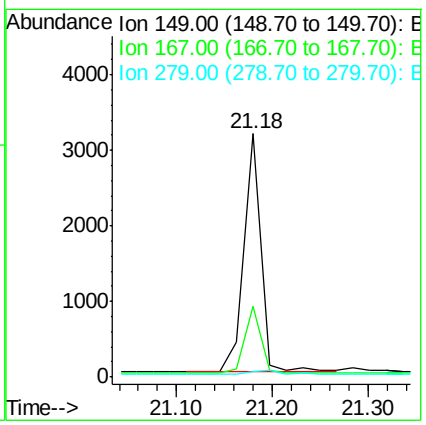


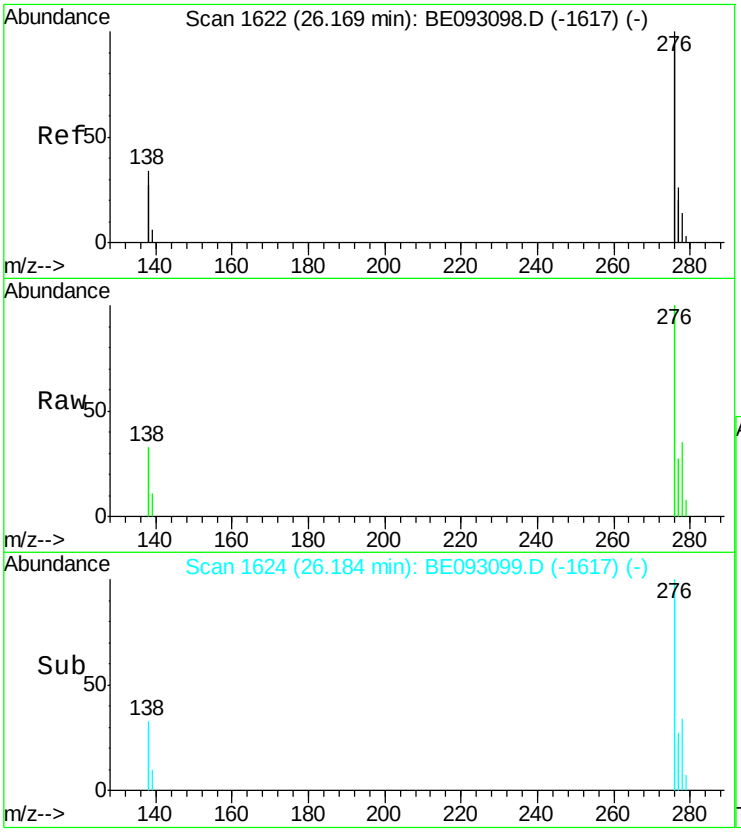


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.531 ng
RT: 21.18 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:149 Resp: 3845

Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.1	30.1
279	2.2	2.2	3.4#



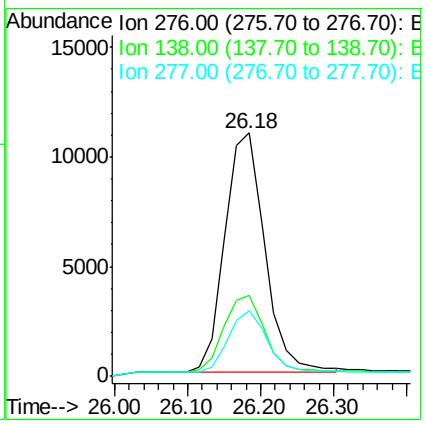


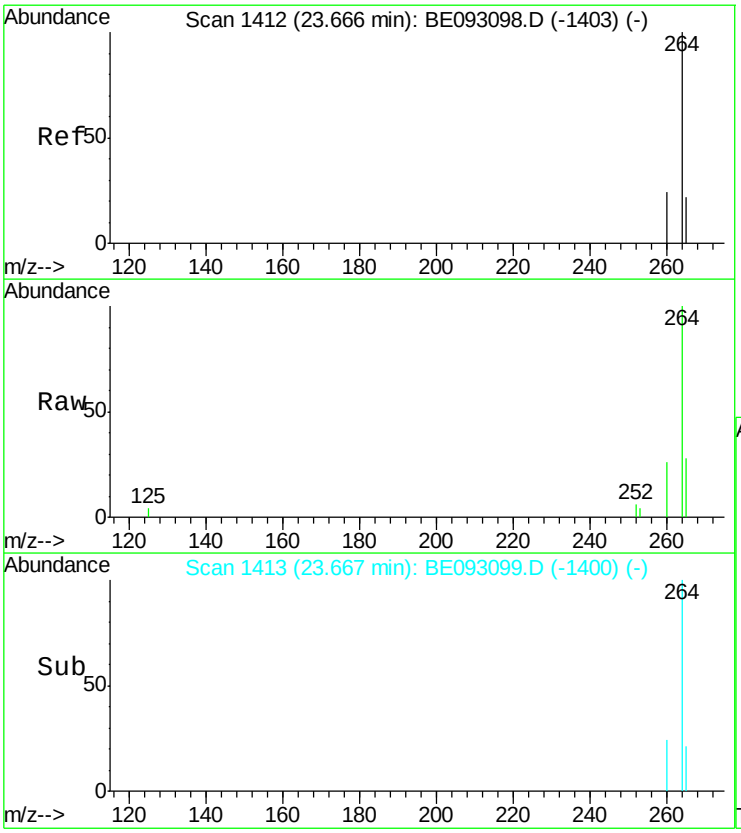
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.837 ng
RT: 26.18 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 41145

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.4	41.2
277	25.2	20.1	30.1

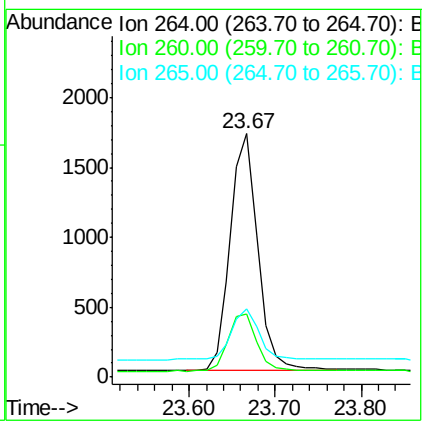


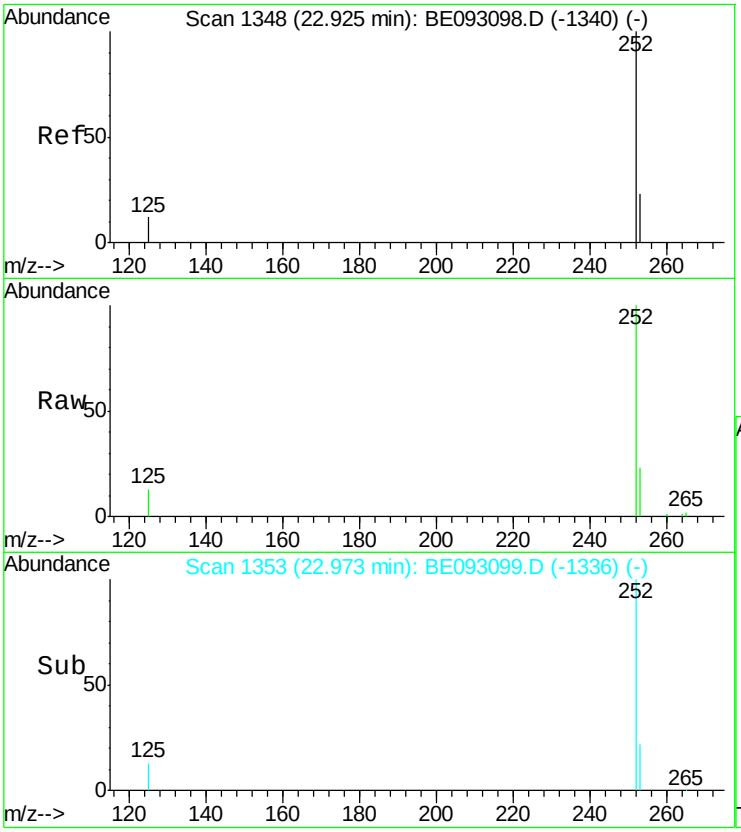


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:264 Resp: 3815

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.0	31.4
265	27.9	24.6	36.8



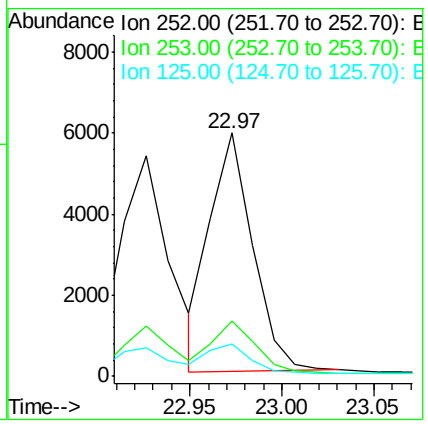


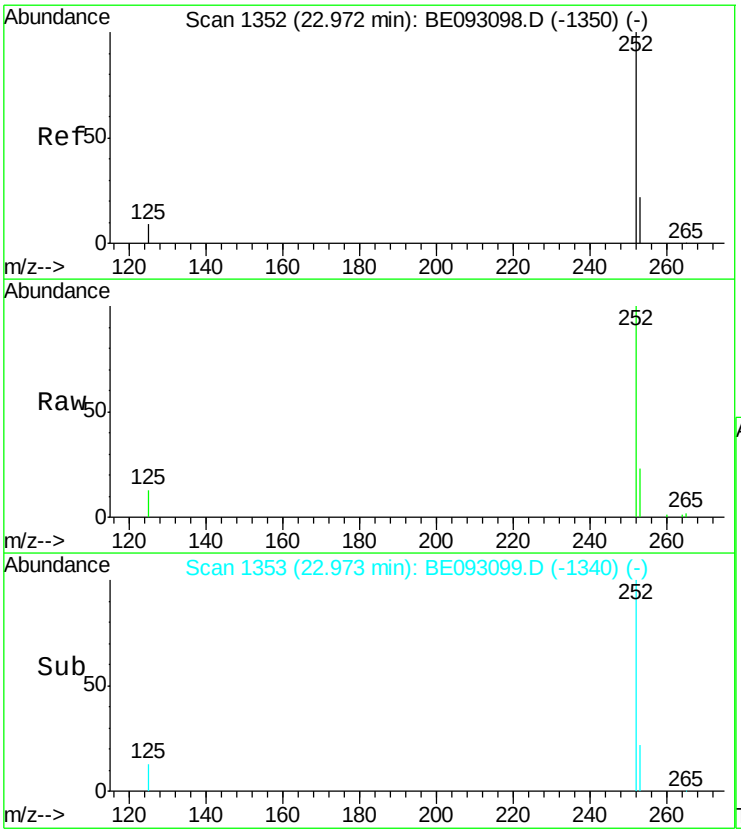
#35
Benzo(b)fluoranthene
Concen: 0.792 ng
RT: 22.97 min Scan# 1353
Delta R.T. 0.05 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 9549

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	13.5	13.4	20.0

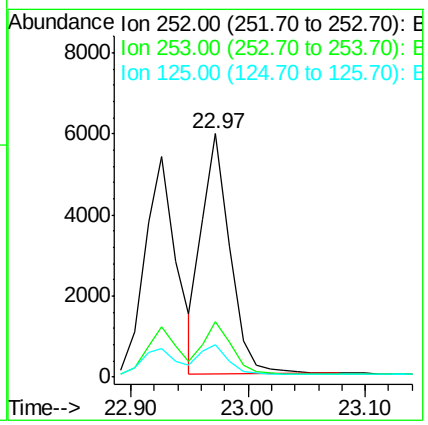


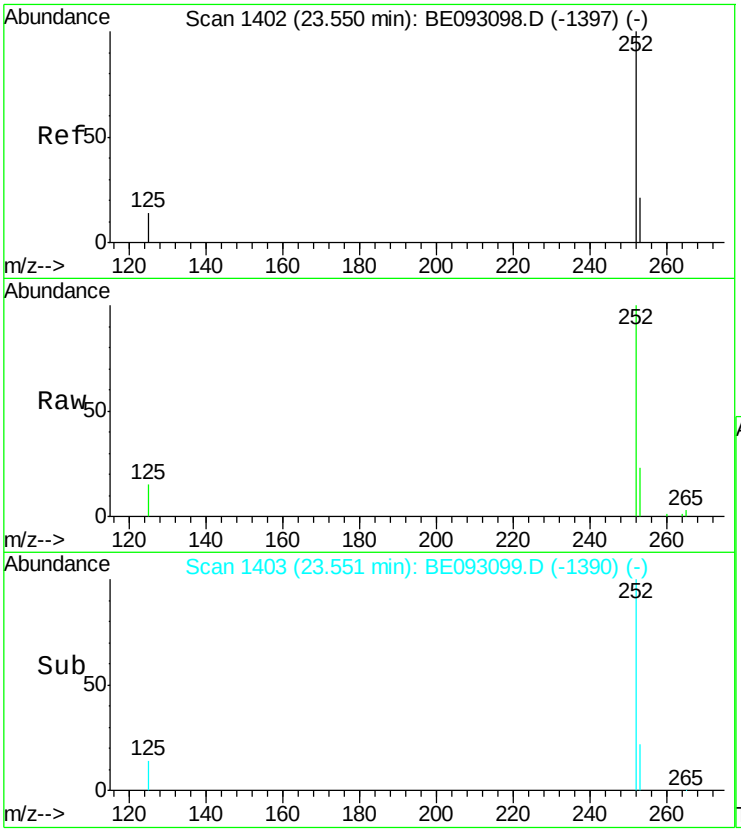


#36
Benzo(k)fluoranthene
Concen: 0.815 ng
RT: 22.97 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:252 Resp: 9852

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	13.5	12.2	18.4



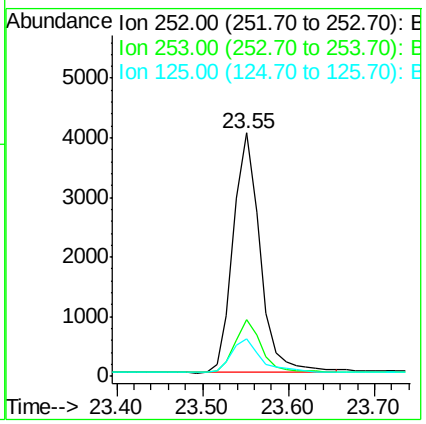


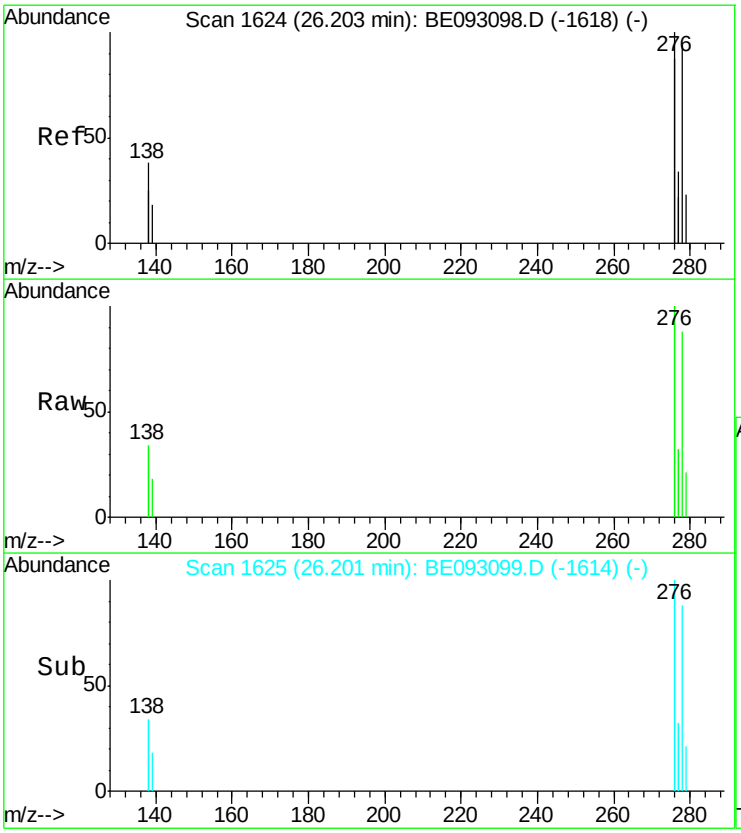
#37
Benzo(a)pyrene
Concen: 0.795 ng
RT: 23.55 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 8770

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.9	29.9
125	15.3	14.6	21.8

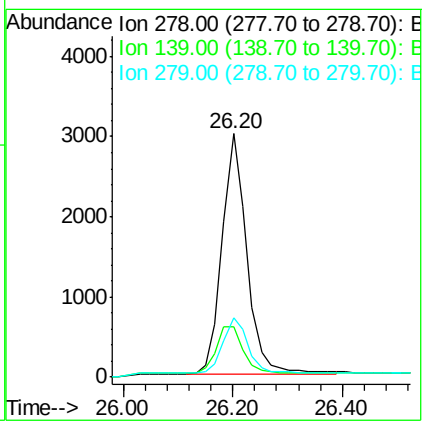


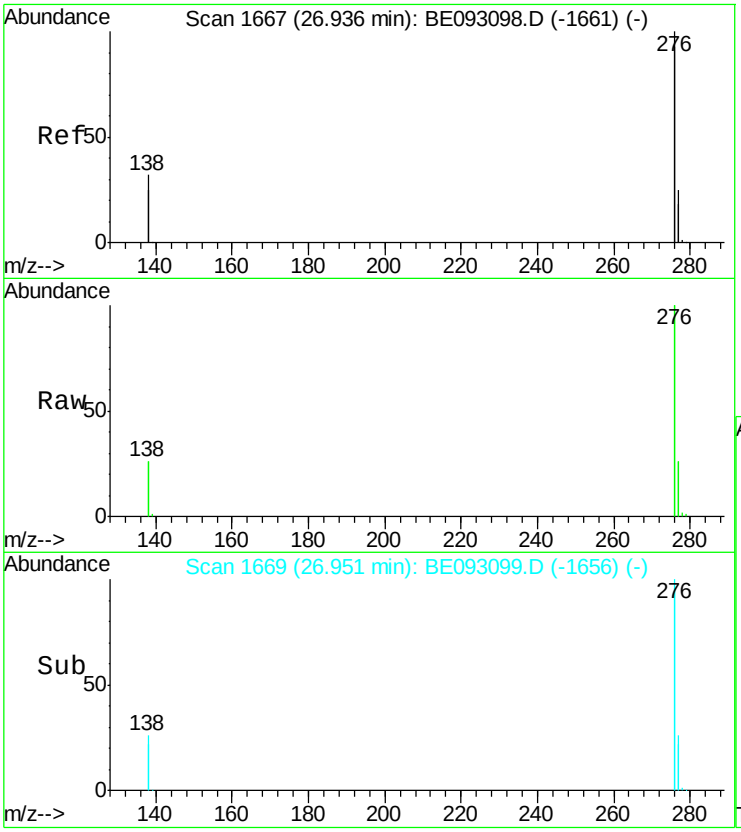


#38
Dibenzo(a,h)anthracene
Concen: 0.911 ng
RT: 26.20 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:278 Resp: 9342

Ion	Ratio	Lower	Upper
278	100		
139	20.7	21.4	32.0#
279	24.2	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.837 ng
RT: 26.95 min Scan# 1669
Delta R.T. 0.02 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 37417

Ion	Ratio	Lower	Upper
276	100		
277	25.7	21.2	31.8
138	26.2	24.5	36.7