Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
Data File : BE093122.D
Acq On : 13 Jun 2017 3:44
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 13 04:59:49 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	615	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	3022	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	1673	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3385	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4711	0.40	ng		0.00
34) Perylene-d12	23.67	264	3868	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	919	0.51	ng		0.00
5) Phenol-d6	6.90	99	1267	0.48	ng		0.00
8) Nitrobenzene-d5	8.88	82	1135	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	1999	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	215	0.56	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	2953	0.41	ng		0.00
25) Fluoranthene-d10	19.12	212	4842	0.43	ng		0.00
29) Terphenyl-d14	19.72	244	4084	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	602	0.44	ng		97
3) n-Nitrosodimethylamine	3.60	42	548	0.47	ng		99
6) bis(2-Chloroethyl)ether	7.15	93	1064	0.46	ng	#	99
9) Naphthalene	10.56	128	3459	0.43	ng		99
10) Hexachlorobutadiene	10.87	225	468	0.43	ng		100
12) 2-Methylnaphthalene	12.18	142	2200	0.44	ng		96
16) Acenaphthylene	14.08	152	12278	0.42	ng		100
17) Acenaphthene	14.44	154	2335	0.43	ng		96
18) Fluorene	15.41	166	2844	0.43	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	955	0.46	ng	#	81
21) Hexachlorobenzene	16.44	284	772	0.43	ng	#	100
22) Pentachlorophenol	16.79	266	371	0.63	ng	#	87
23) Phenanthrene	17.16	178	6582	0.43	ng		99
24) Anthracene	17.25	178	5353	0.41	ng		99
26) Fluoranthene	19.16	202	23016	0.41	ng	#	99
28) Pyrene	19.51	202	25976	0.45	ng	#	98
30) Benzo(a)anthracene	21.23	228	5700	0.45	ng	#	85
31) Chrysene	21.28	228	5817	0.43	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.18	149	3032	0.58	ng		97
33) Indeno(1,2,3-cd)pyrene	26.17	276	21060	0.42	ng		99
35) Benzo(b)fluoranthene	22.93	252	5611	0.45	ng		96
36) Benzo(k)fluoranthene	22.97	252	4962	0.41	ng		98
37) Benzo(a)pyrene	23.55	252	4744	0.44	ng		99
38) Dibenzo(a,h)anthracene	26.20	278	4741	0.42	ng	#	93
39) Benzo(g,h,i)perylene	26.93	276	19332	0.43	ng		97

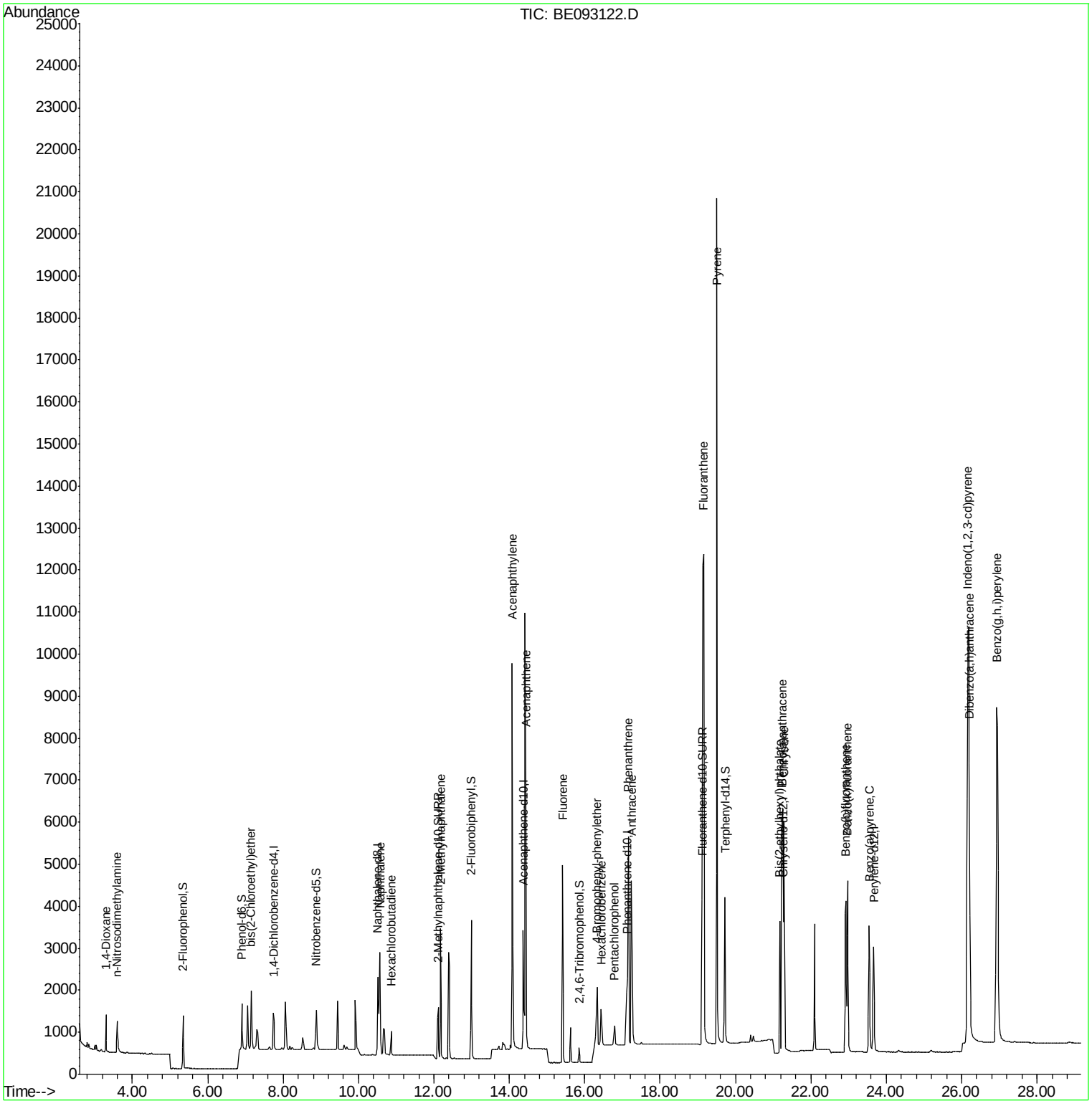
(#) = qualifier out of range (m) = manual integration (+) = signals summed

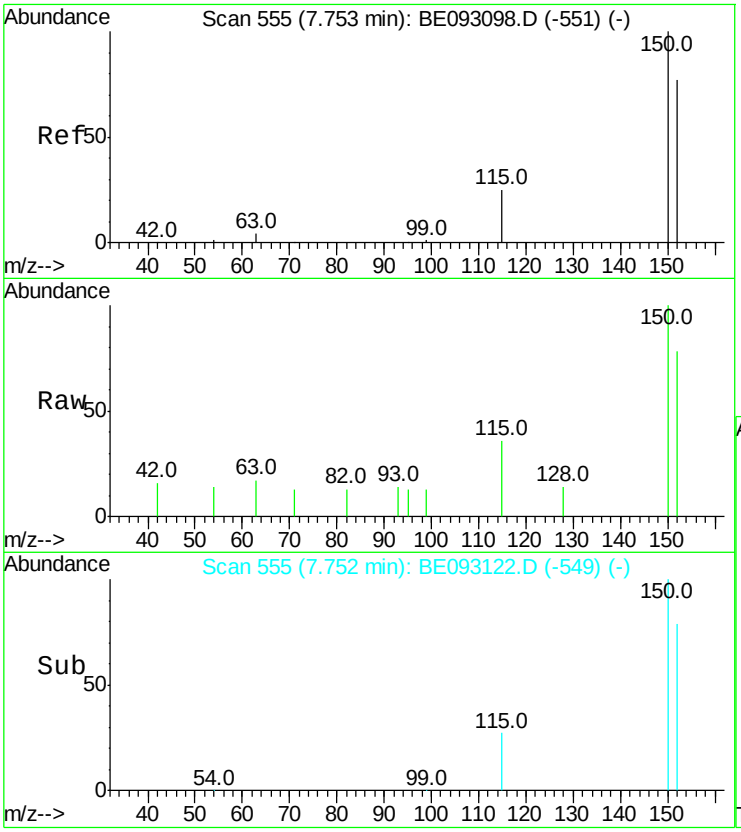
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
Data File : BE093122.D
Acq On : 13 Jun 2017 3:44
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 13 04:59:49 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



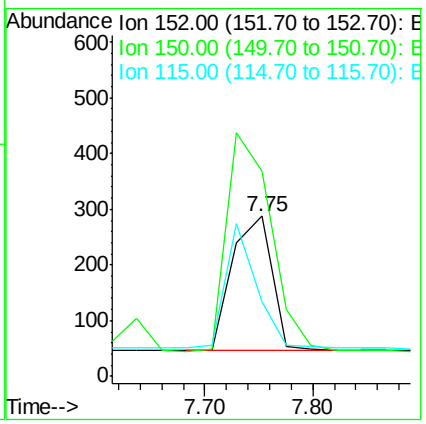


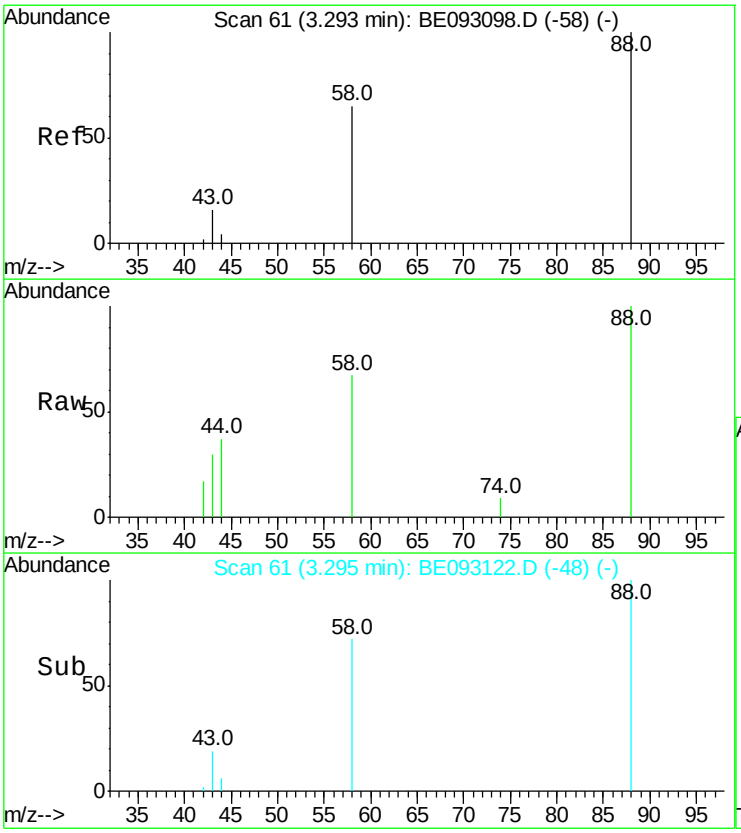
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 615

Ion	Ratio	Lower	Upper
152	100		
150	128.1	125.1	187.7
115	46.2	55.7	83.5#

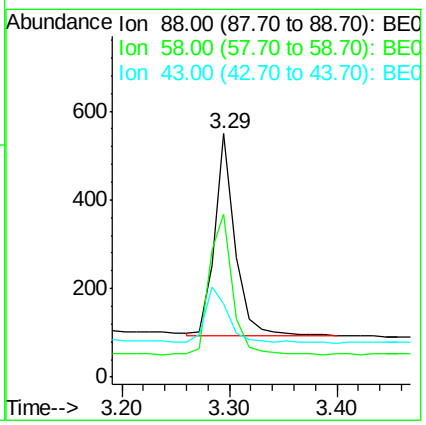


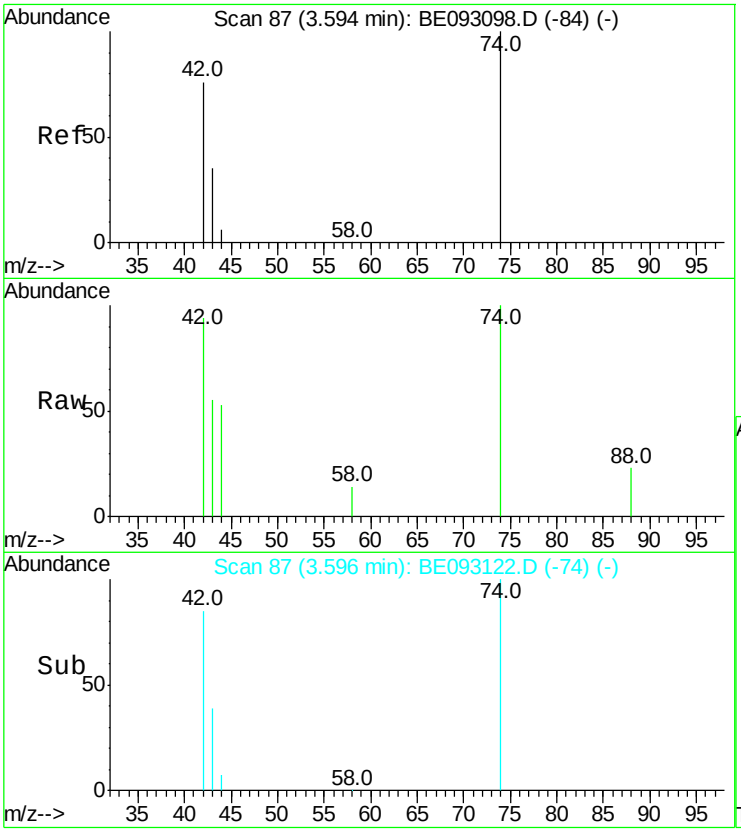


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion: 88 Resp: 602

Ion	Ratio	Lower	Upper
88	100		
58	78.7	62.2	93.4
43	32.7	23.2	34.8



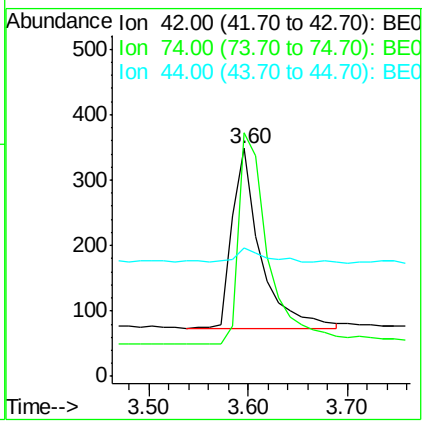


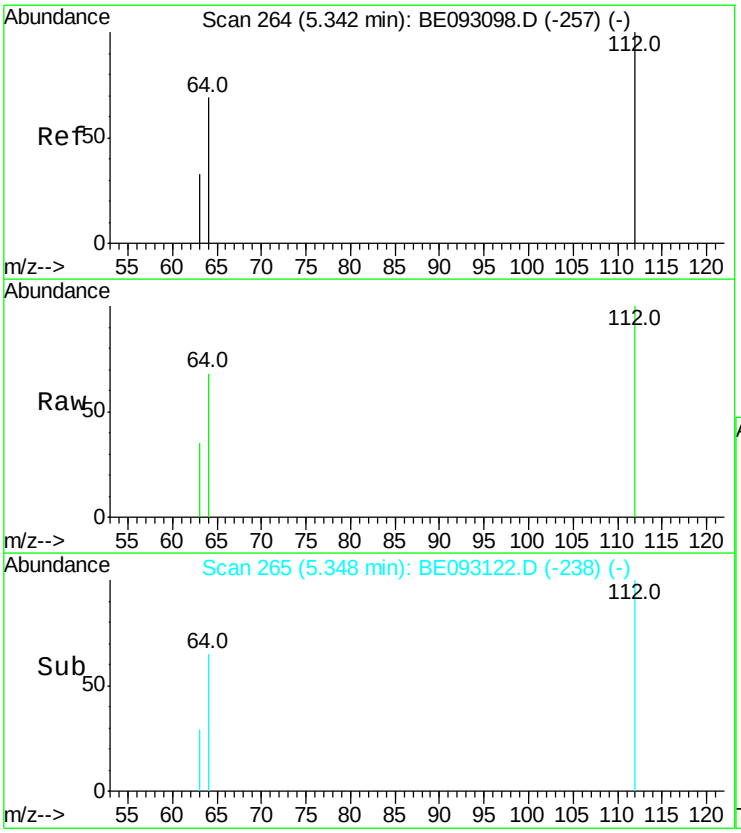
#3
n-Nitrosodimethylamine
Concen: 0.47 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 548

Ion	Ratio	Lower	Upper
42	100		
74	122.6	99.1	148.7
44	9.7	7.4	11.2

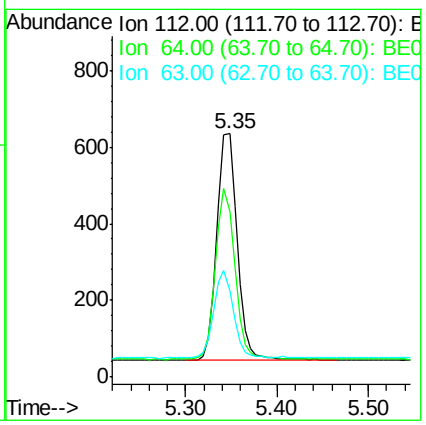


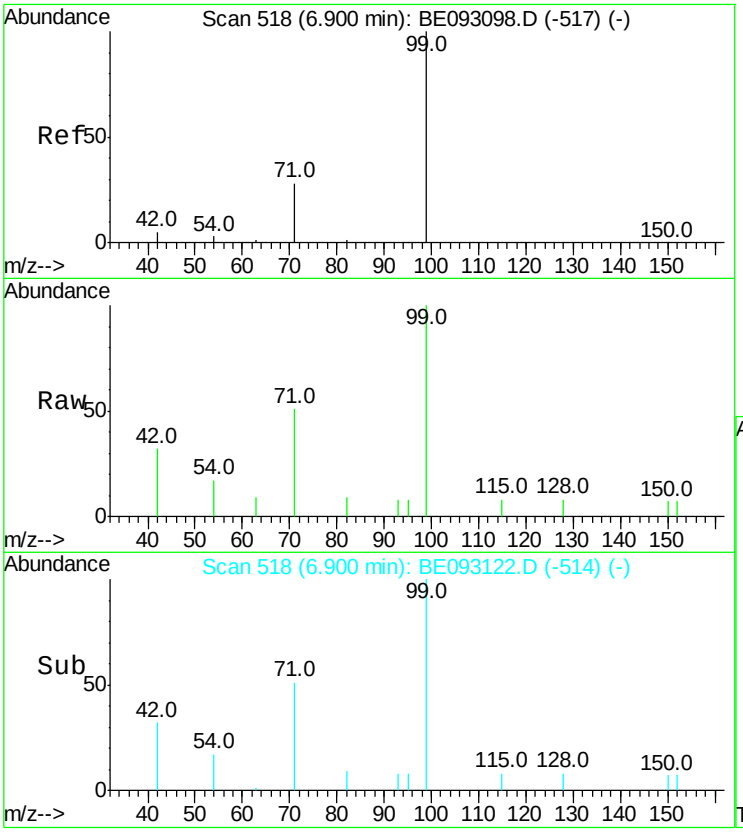


#4
2-Fluorophenol
Concen: 0.51 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.01 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:112 Resp: 919

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.4	84.6
63	36.2	29.3	43.9



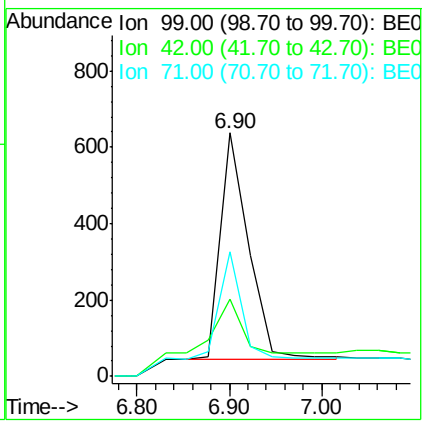


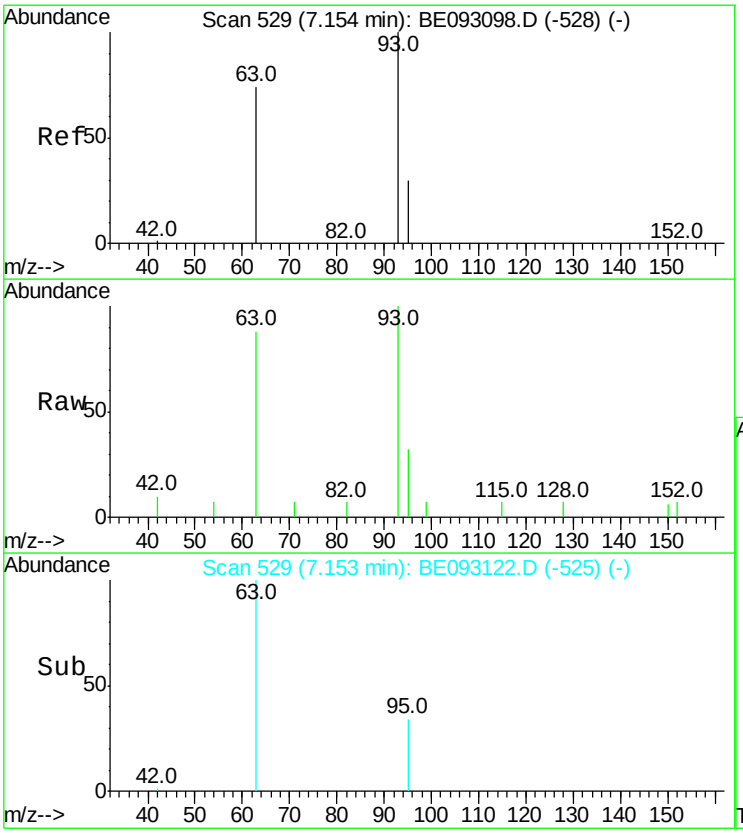
#5
Phenol-d6
Concen: 0.48 ng
RT: 6.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1267

Ion	Ratio	Lower	Upper
99	100		
42	21.1	0.0	0.0#
71	37.5	0.0	0.0#

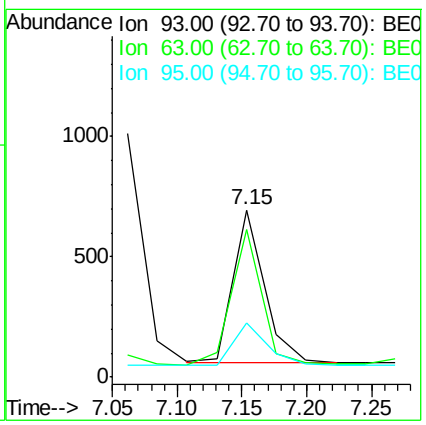


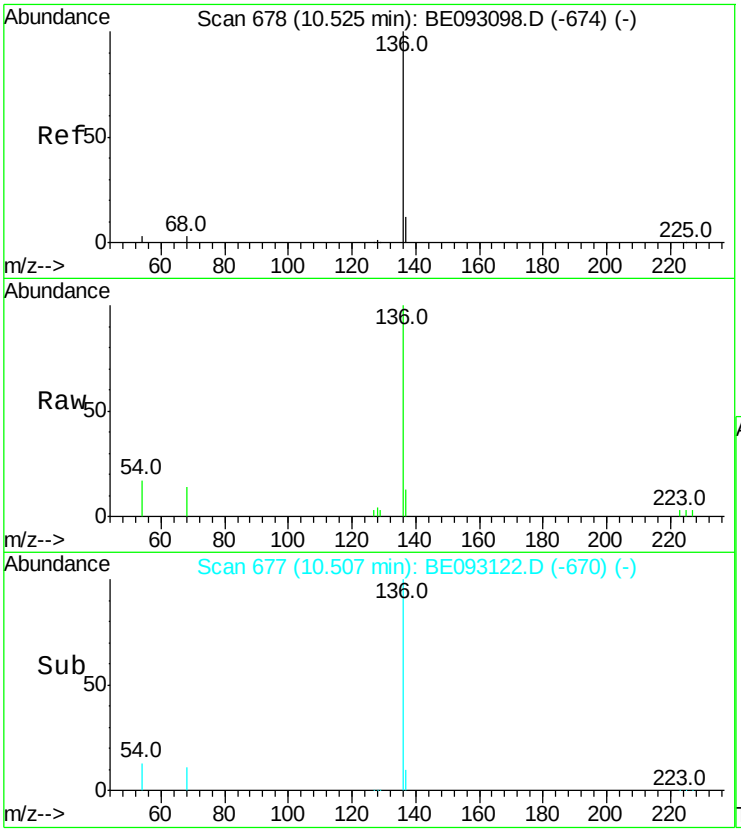


#6
bis(2-Chloroethyl)ether
Concen: 0.46 ng
RT: 7.15 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion: 93 Resp: 1064

Ion	Ratio	Lower	Upper
93	100		
63	88.2	0.0	0.0#
95	31.4	25.4	38.0



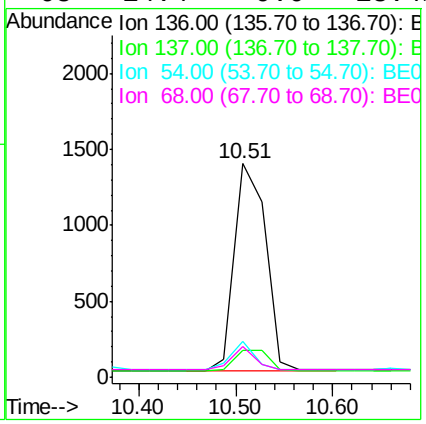


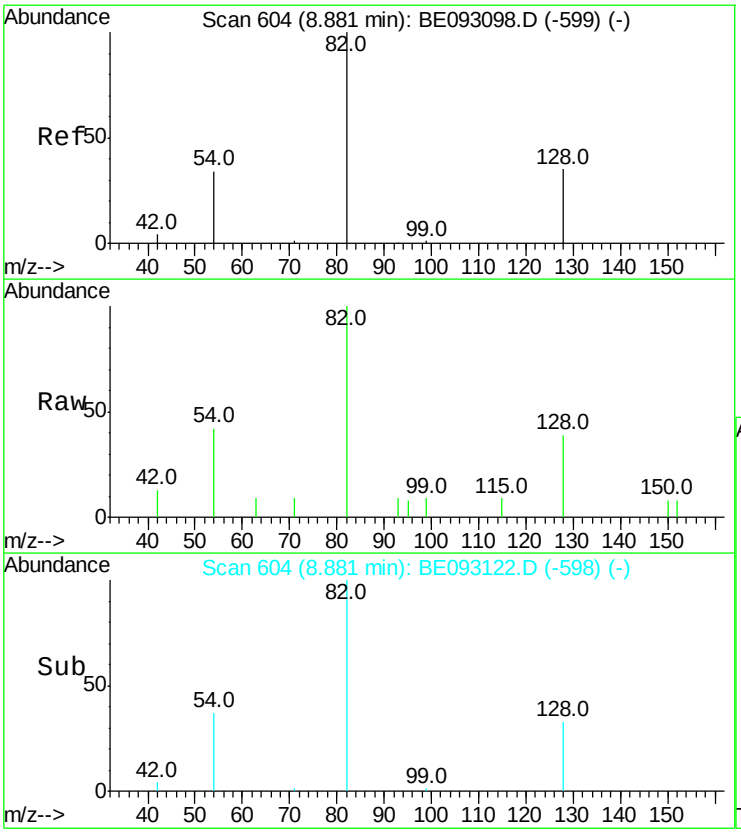
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3022

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	17.0	10.3	15.5#
68	14.4	9.0	13.4#

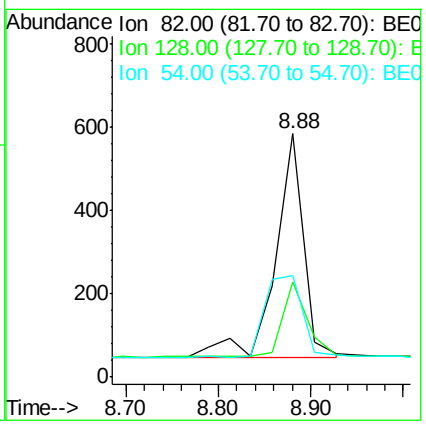


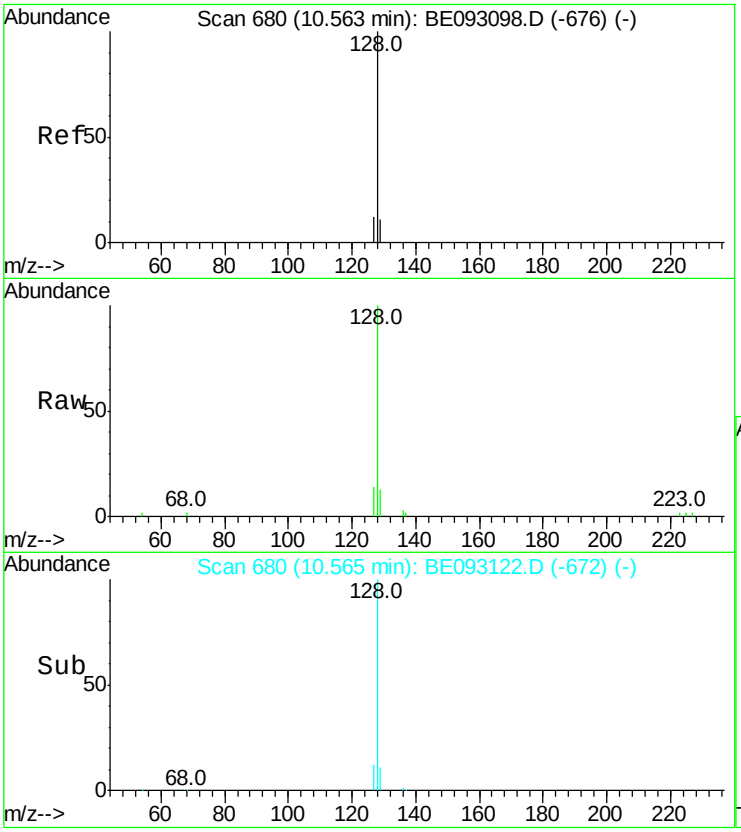


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion: 82 Resp: 1135

Ion	Ratio	Lower	Upper
82	100		
128	39.2	17.0	25.4#
54	41.8	53.8	80.6#



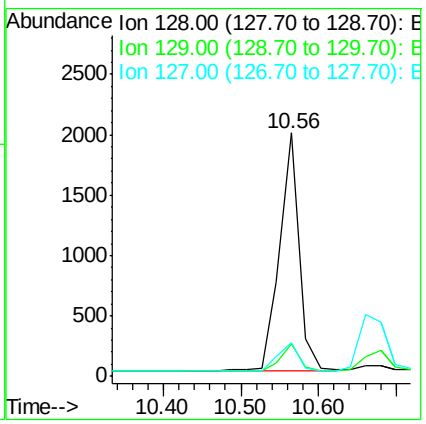


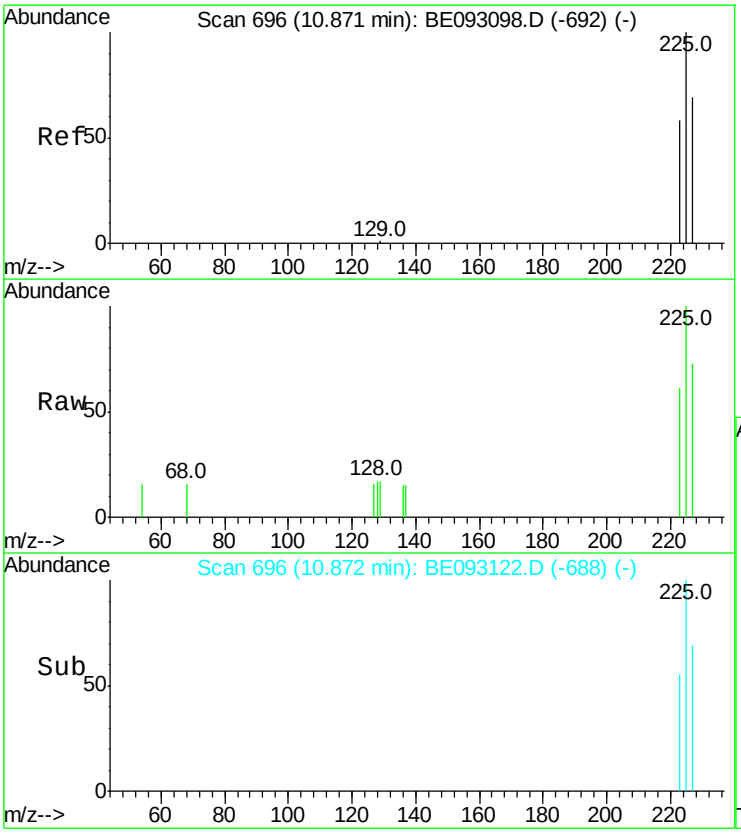
#9
Naphthalene
Concen: 0.43 ng
RT: 10.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3459

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.4	17.0
127	13.9	11.2	16.8

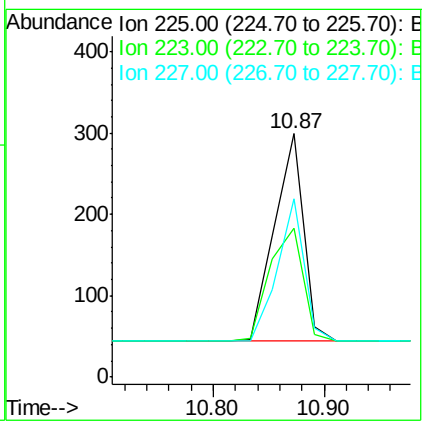


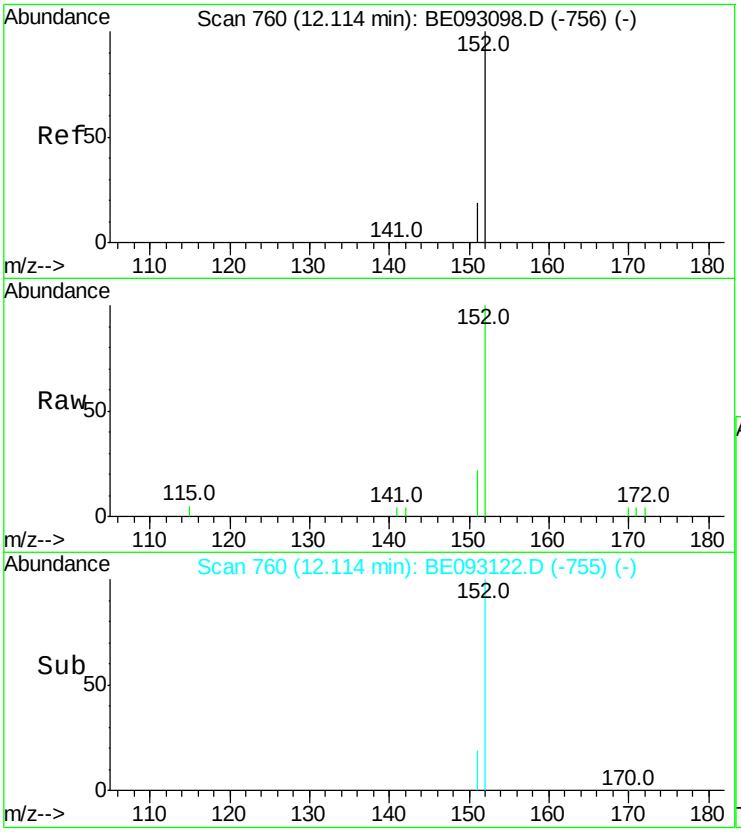


#10
Hexachlorobutadiene
Concen: 0.43 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:225 Resp: 468

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.0	50.3	75.5



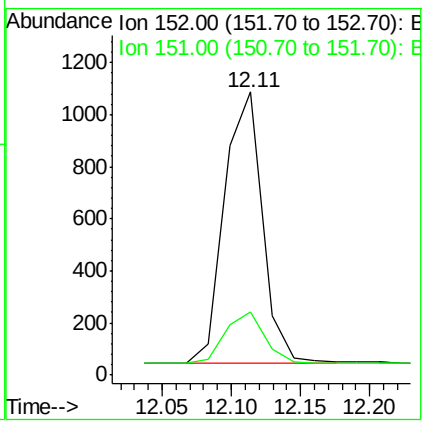


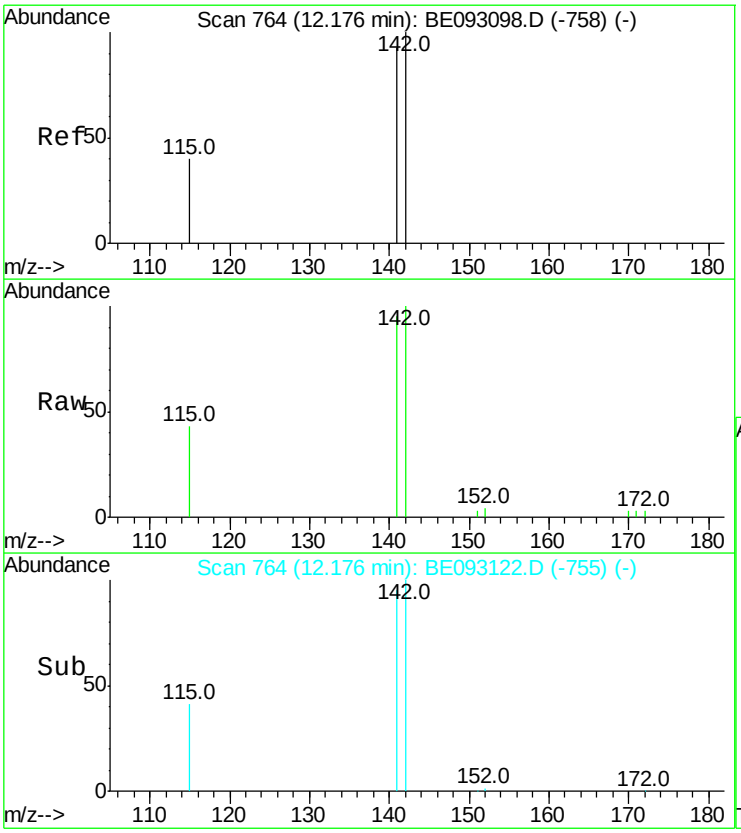
#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1999

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

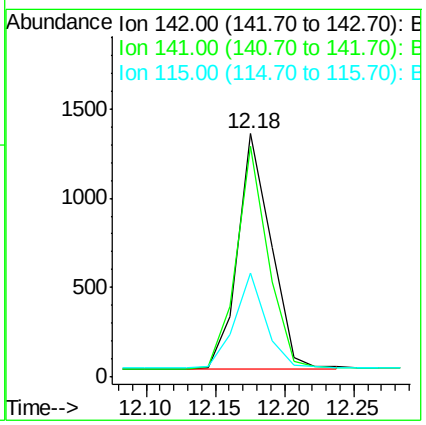


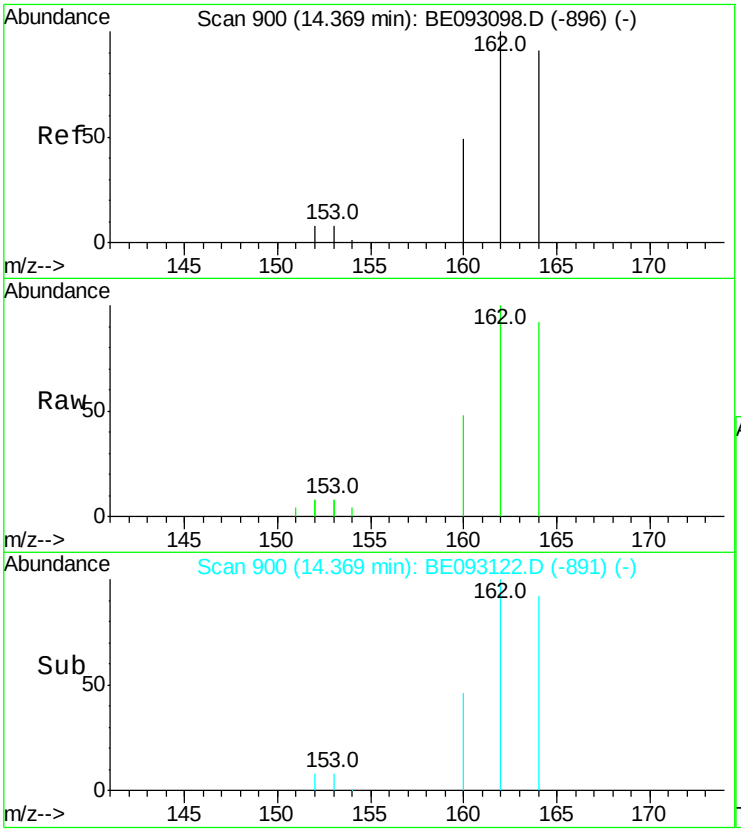


#12
2-Methylnaphthalene
Concen: 0.44 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:142 Resp: 2200

Ion	Ratio	Lower	Upper
142	100		
141	94.9	72.6	108.8
115	42.9	32.2	48.2



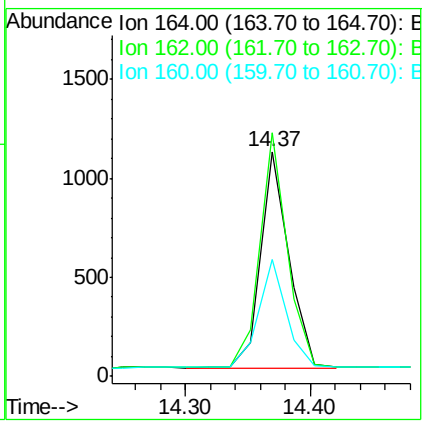


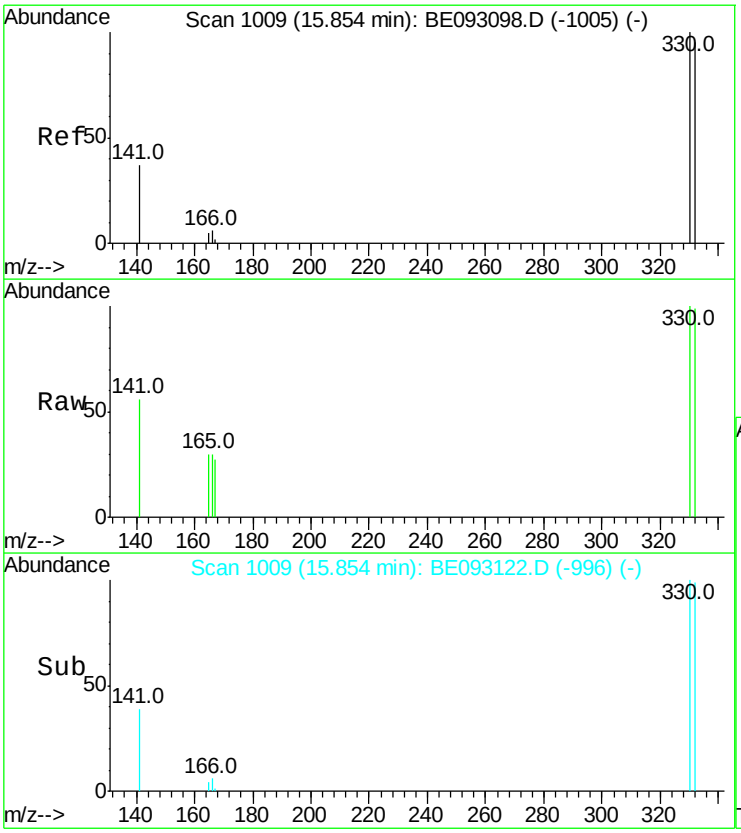
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1673

Ion	Ratio	Lower	Upper
164	100		
162	108.3	84.6	127.0
160	52.1	41.8	62.6

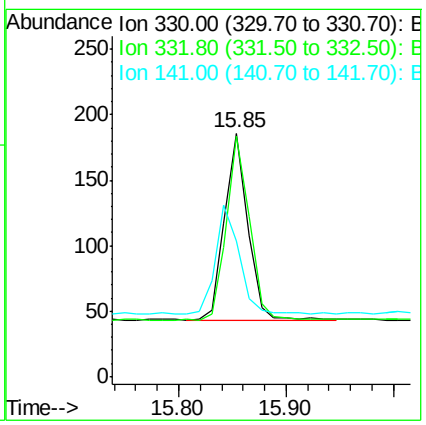


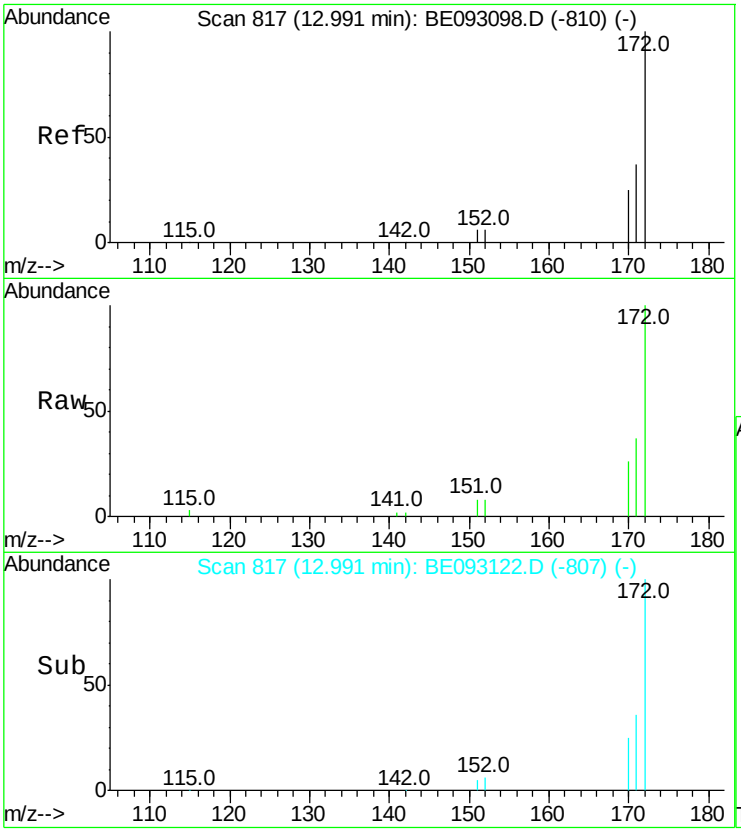


#14
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	59.5	56.2	84.4



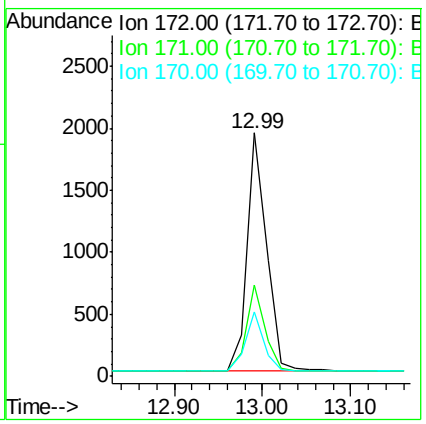


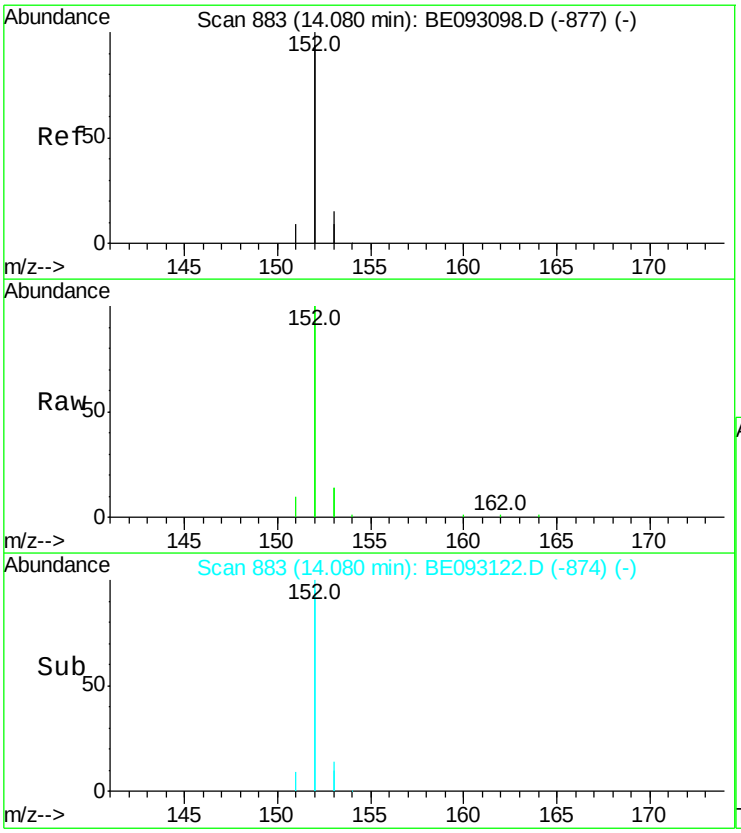
#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2953

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	26.4	20.7	31.1

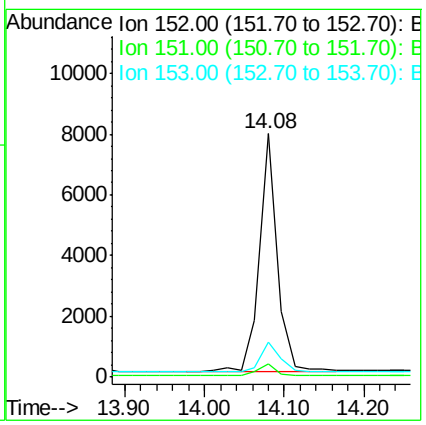


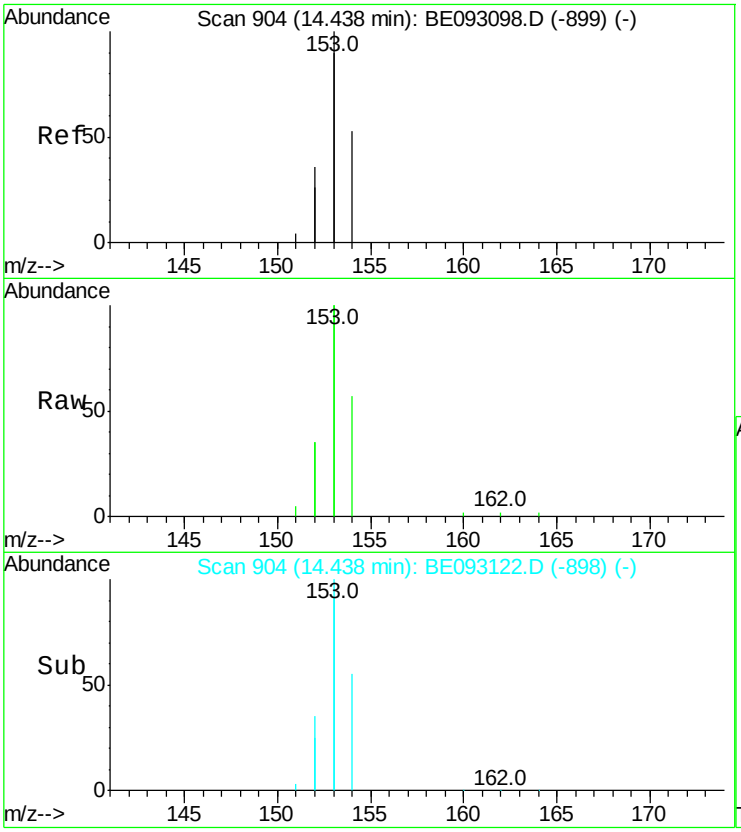


#16
Acenaphthylene
Concen: 0.42 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:152 Resp: 12278

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



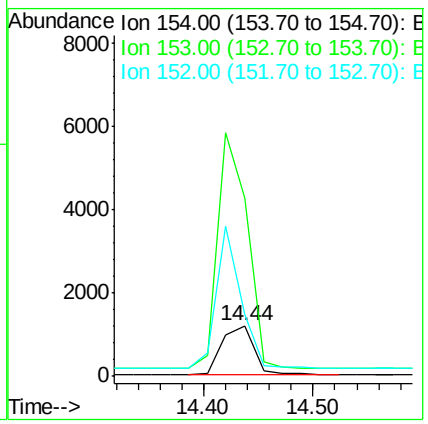


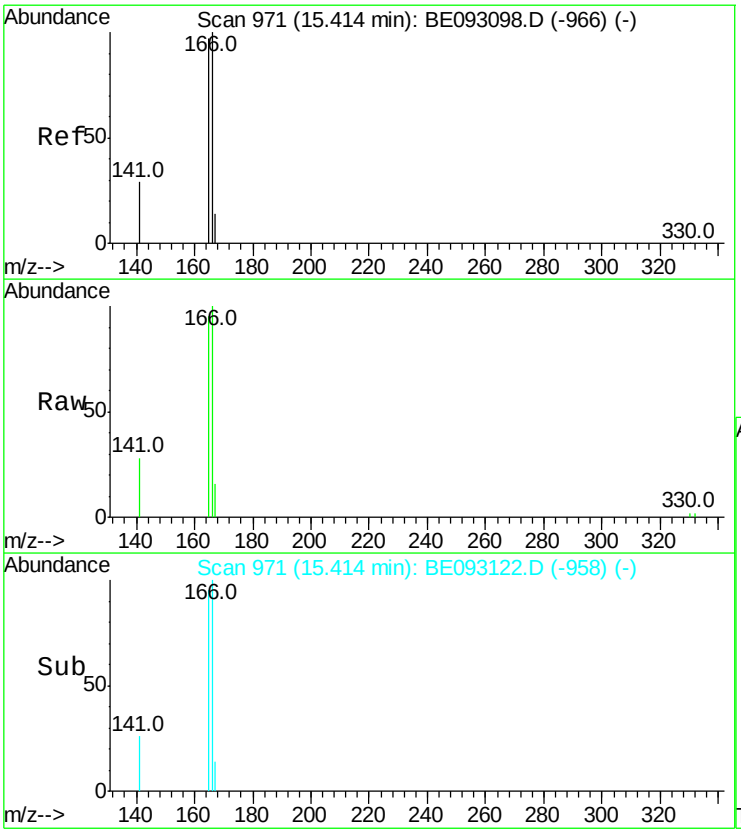
#17
Acenaphthene
Concen: 0.43 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2335

Ion	Ratio	Lower	Upper
154	100		
153	449.7	367.8	551.6
152	227.3	188.2	282.2

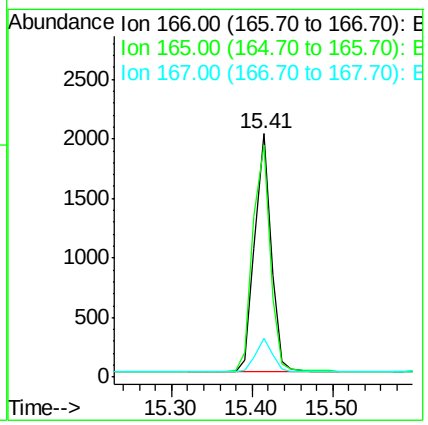


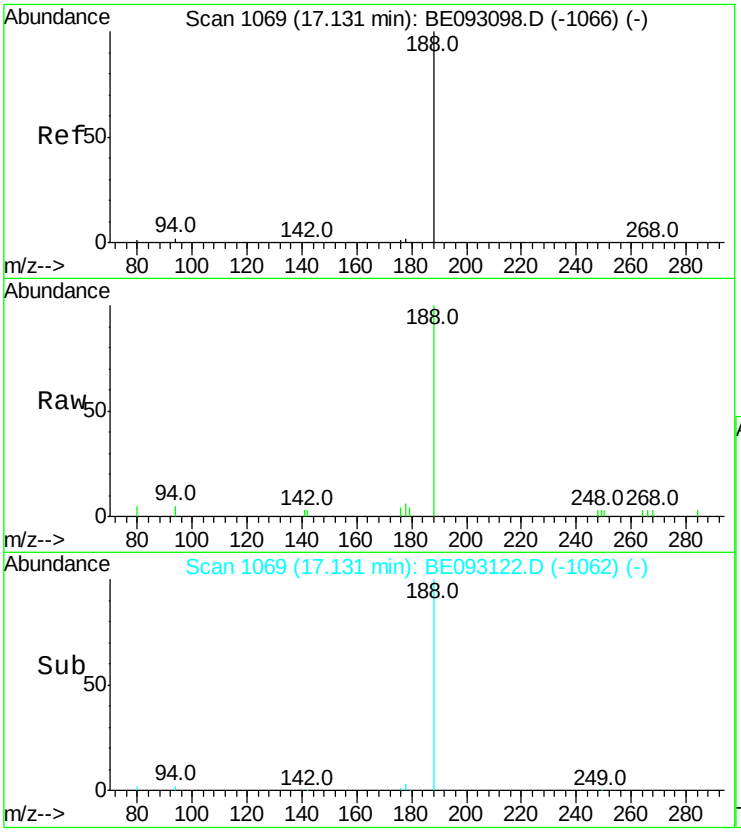


#18
Fluorene
Concen: 0.43 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:166 Resp: 2844

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	14.0	11.1	16.7



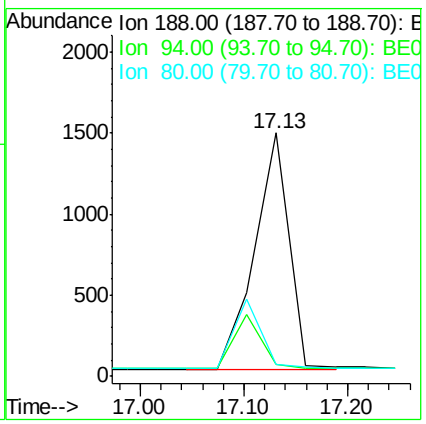


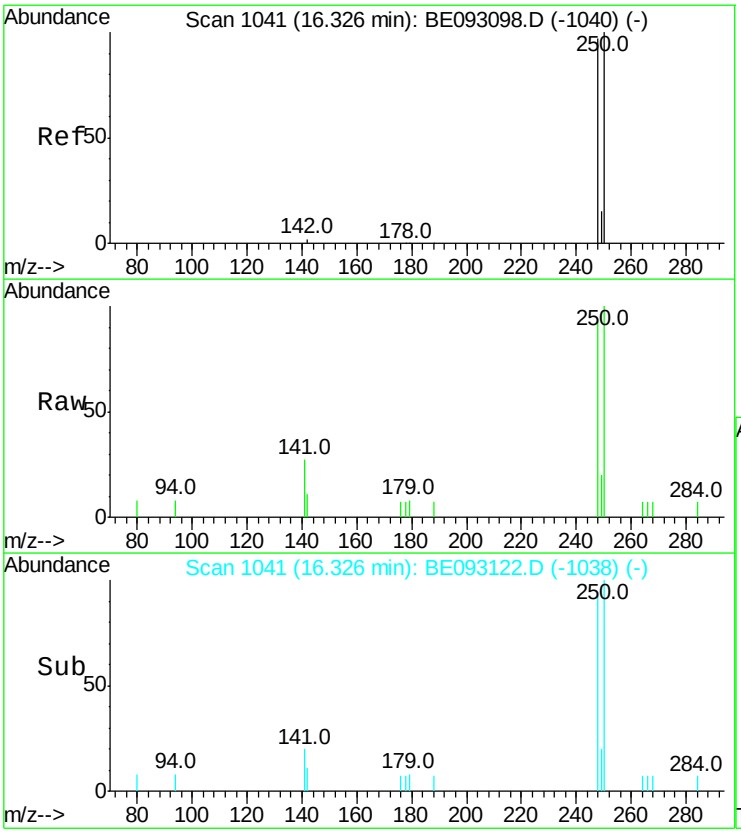
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3385

Ion	Ratio	Lower	Upper
188	100		
94	5.1	11.3	16.9#
80	4.9	11.7	17.5#

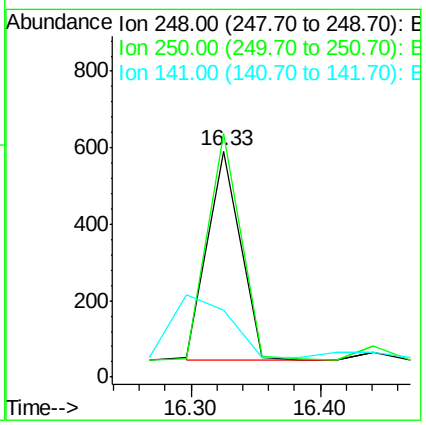


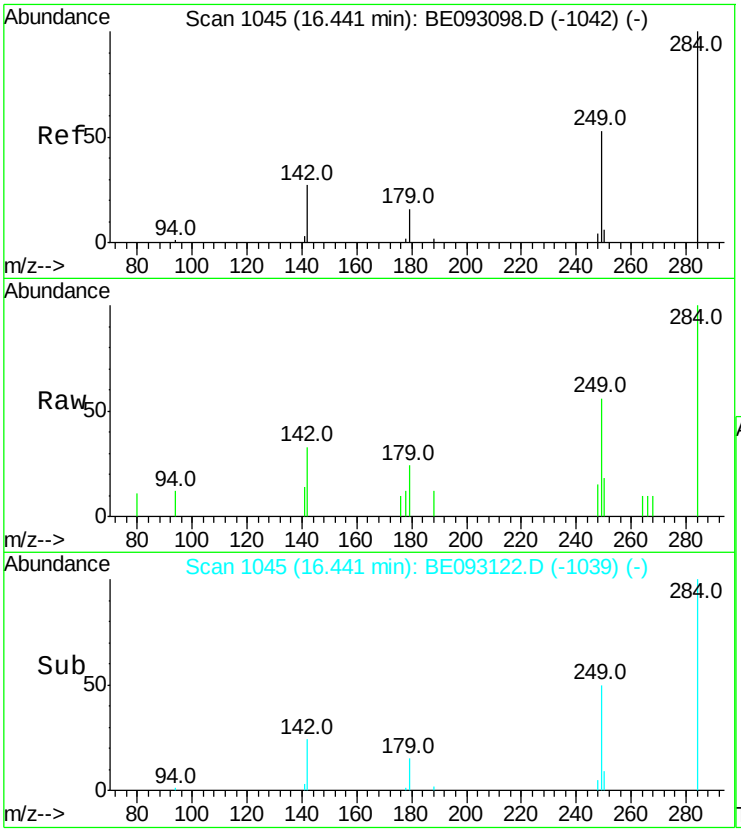


#20
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 16.33 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:248 Resp: 955

Ion	Ratio	Lower	Upper
248	100		
250	107.8	100.0	150.0
141	29.4	40.0	60.0#



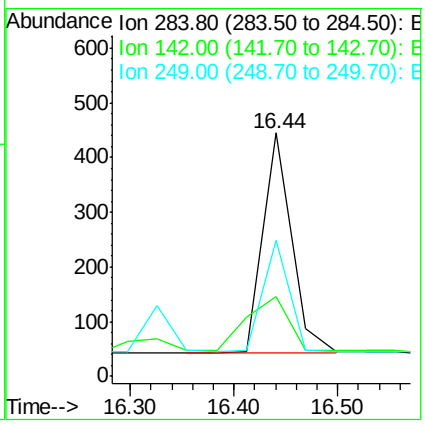


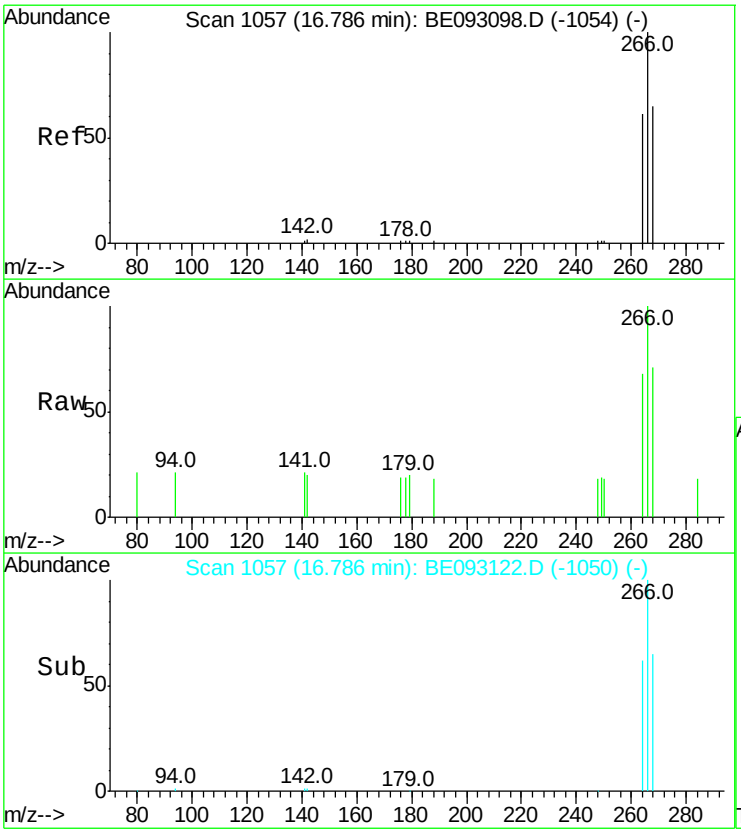
#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 772

Ion	Ratio	Lower	Upper
284	100		
142	36.3	0.0	0.0#
249	45.9	0.0	0.0#

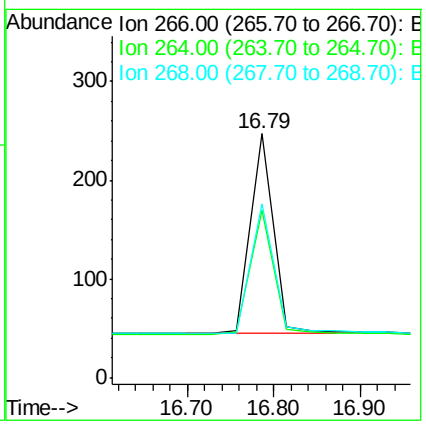


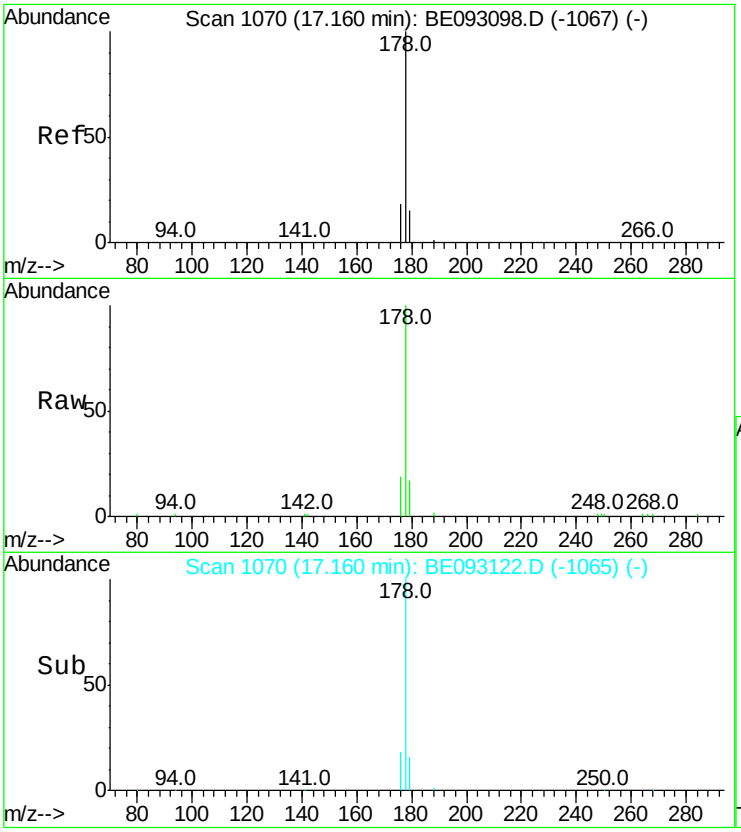


#22
Pentachlorophenol
Concen: 0.63 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:266 Resp: 371

Ion	Ratio	Lower	Upper
266	100		
264	68.4	58.2	87.2
268	71.3	71.9	107.9#



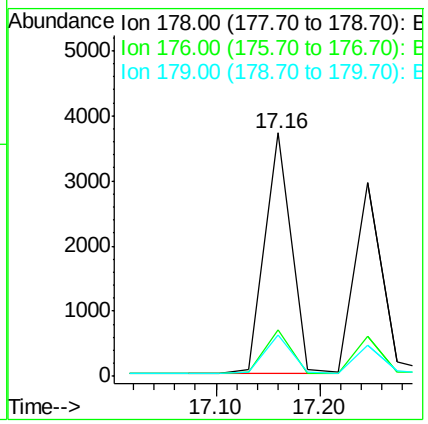


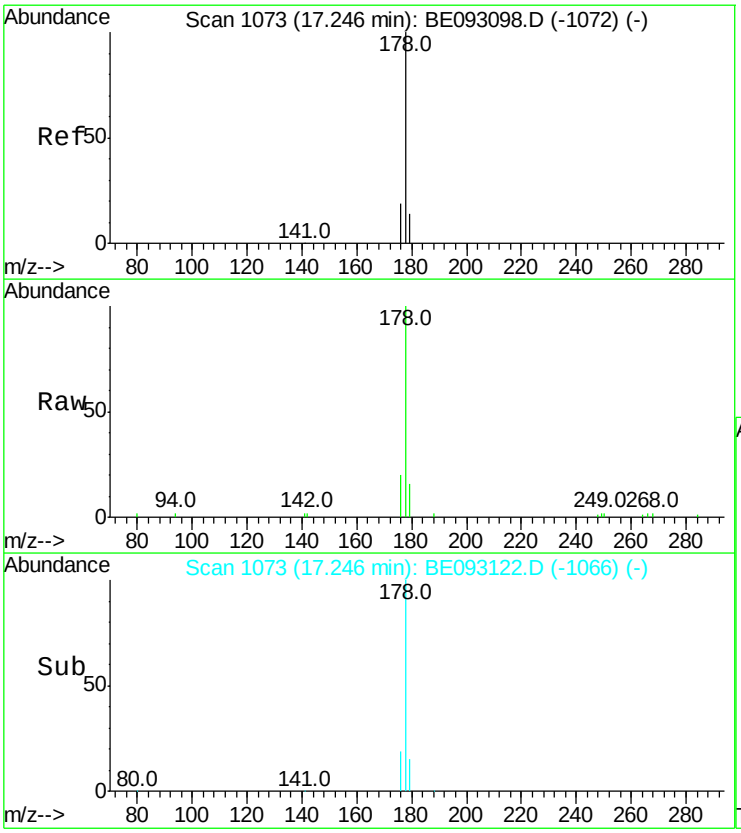
#23
Phenanthrene
Concen: 0.43 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6582

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.6	12.7	19.1

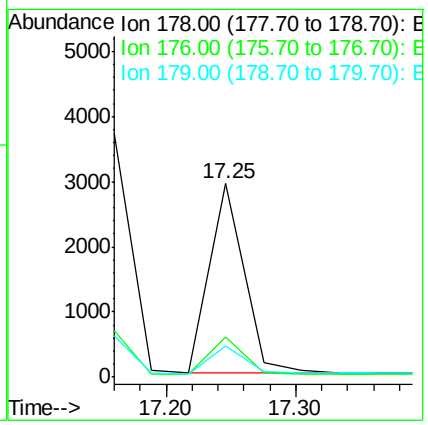


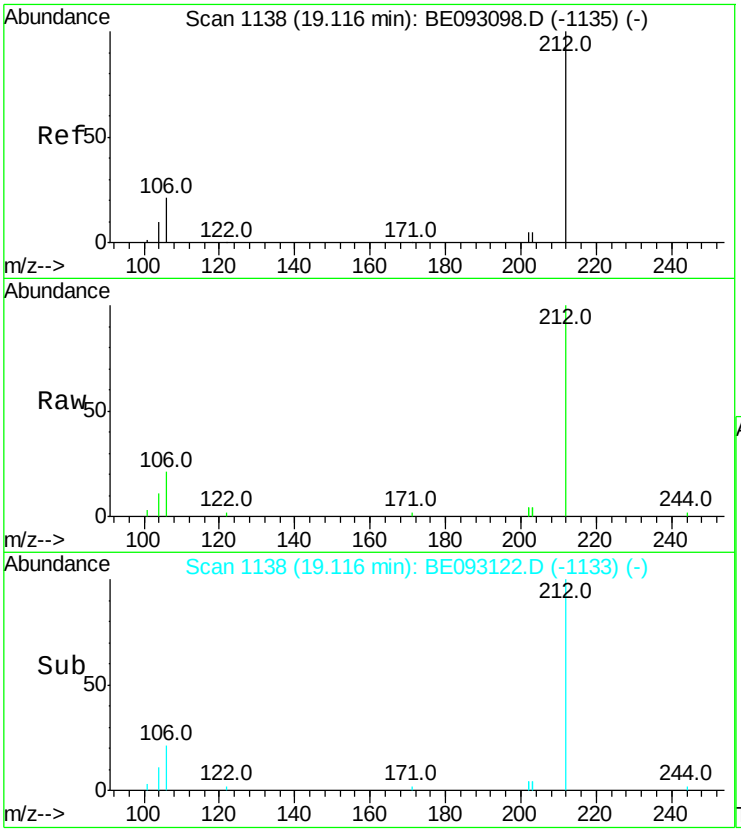


#24
Anthracene
Concen: 0.41 ng
RT: 17.25 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:178 Resp: 5353

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.8	12.0	18.0



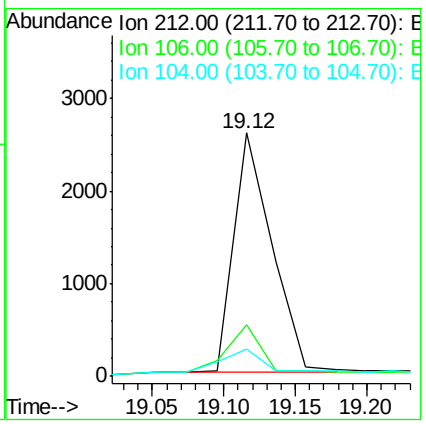


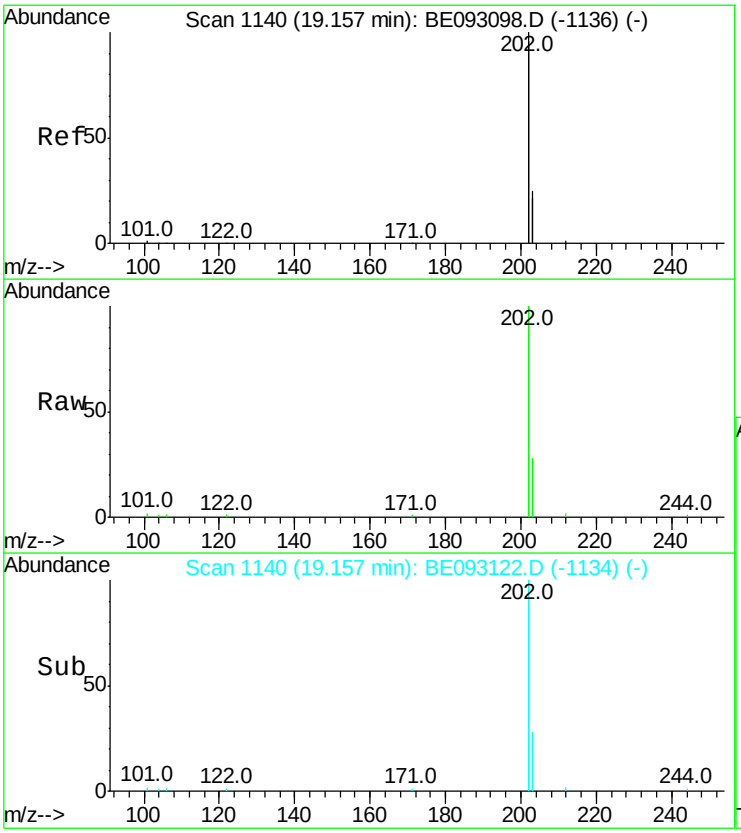
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.12 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4842

Ion	Ratio	Lower	Upper
212	100		
106	17.0	0.0	0.0#
104	9.2	0.0	0.0#

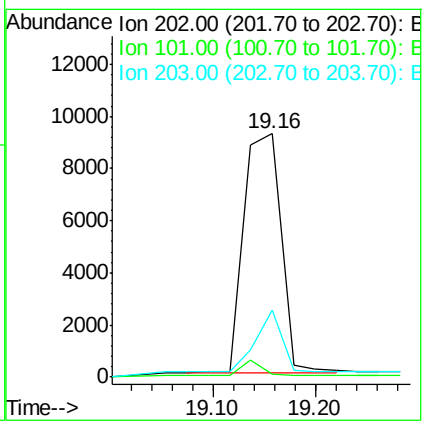


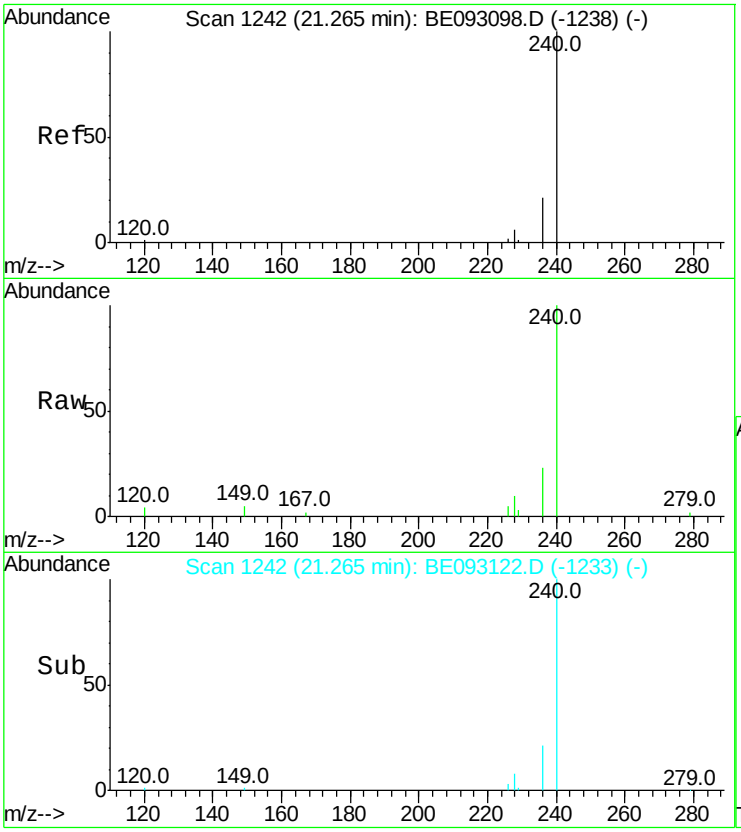


#26
Fluoranthene
Concen: 0.41 ng
RT: 19.16 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:202 Resp: 23016

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.6	14.4	21.6



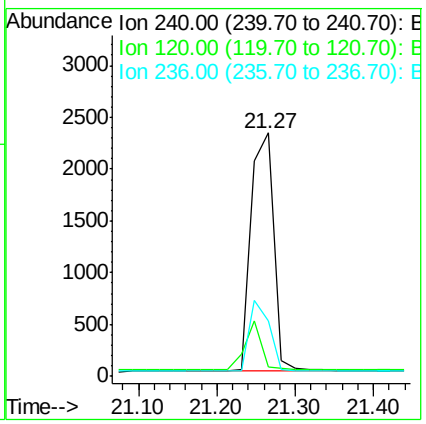


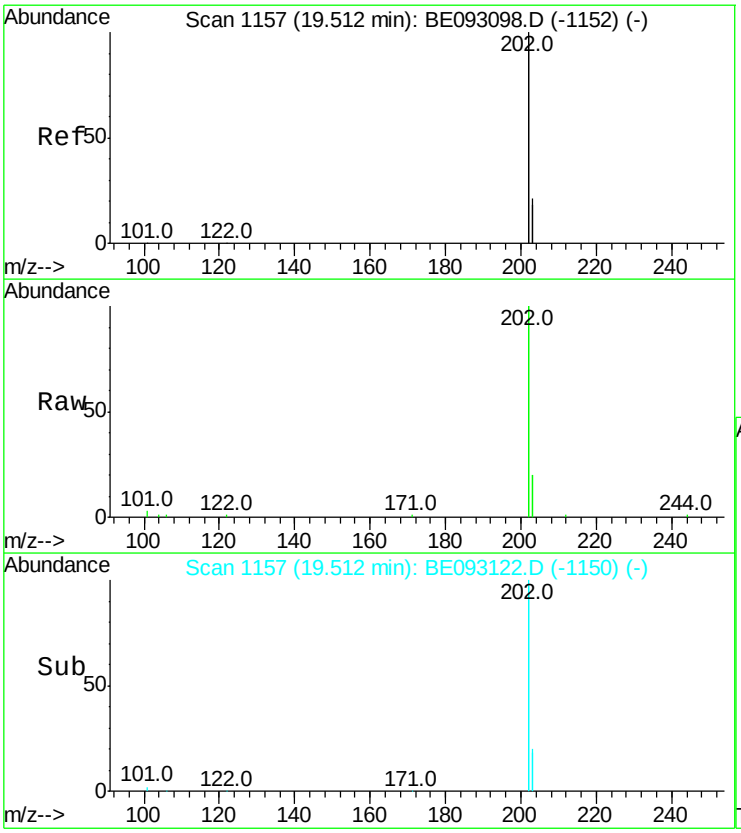
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4711

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.6	7.0#
236	22.9	20.8	31.2

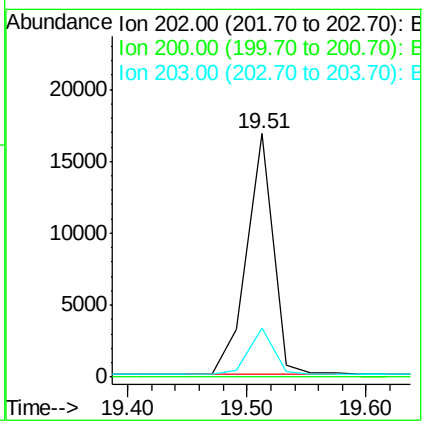


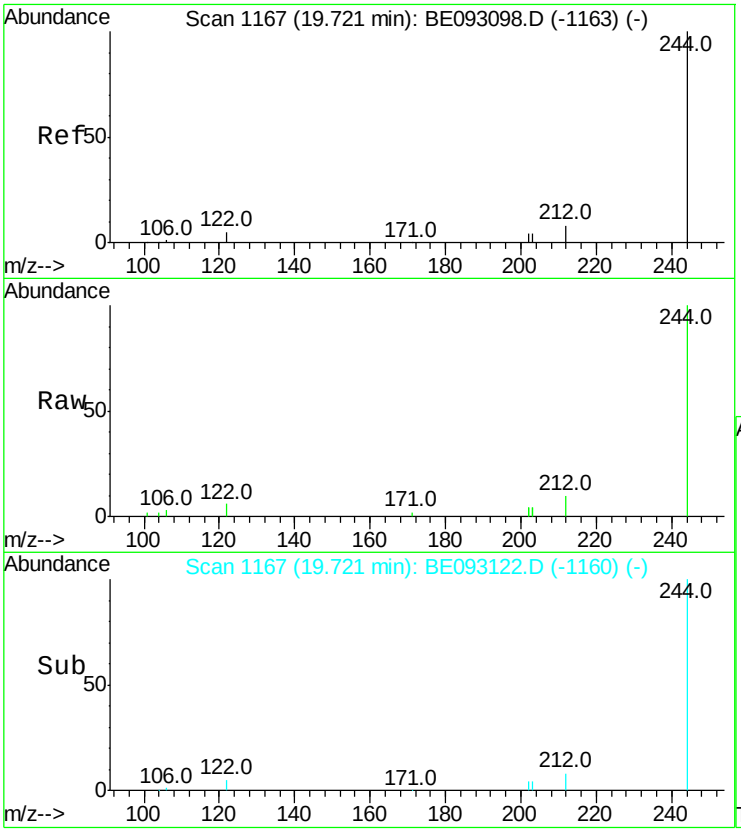


#28
Pyrene
Concen: 0.45 ng
RT: 19.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:202 Resp: 25976

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.9	13.7	20.5



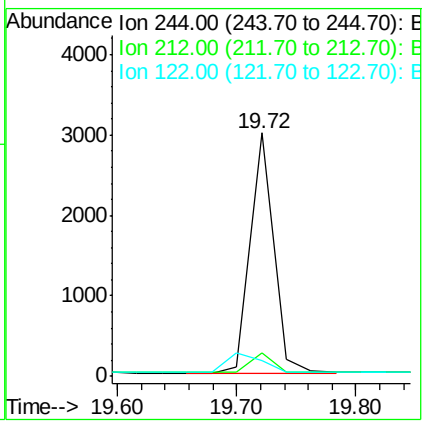


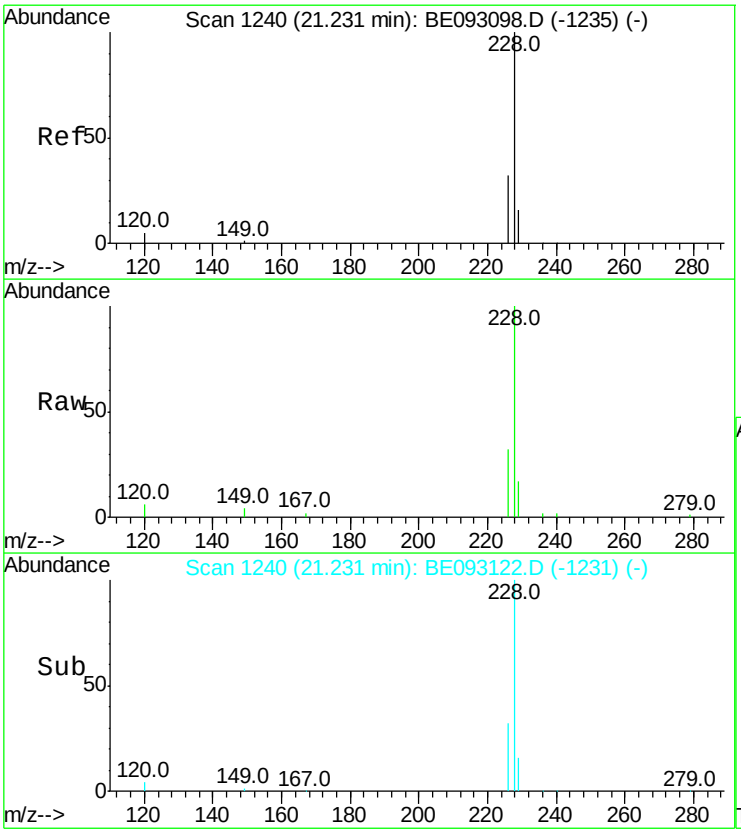
#29
Terphenyl-d14
Concen: 0.45 ng
RT: 19.72 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4084

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.6	16.0#
122	6.3	15.4	23.0#

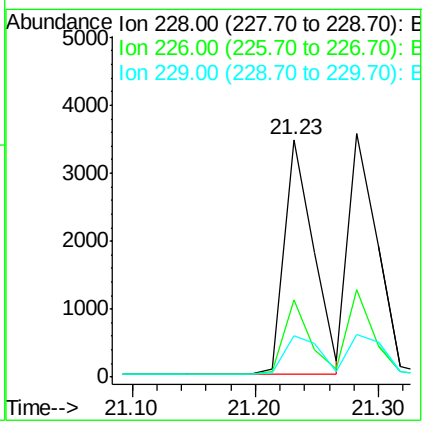


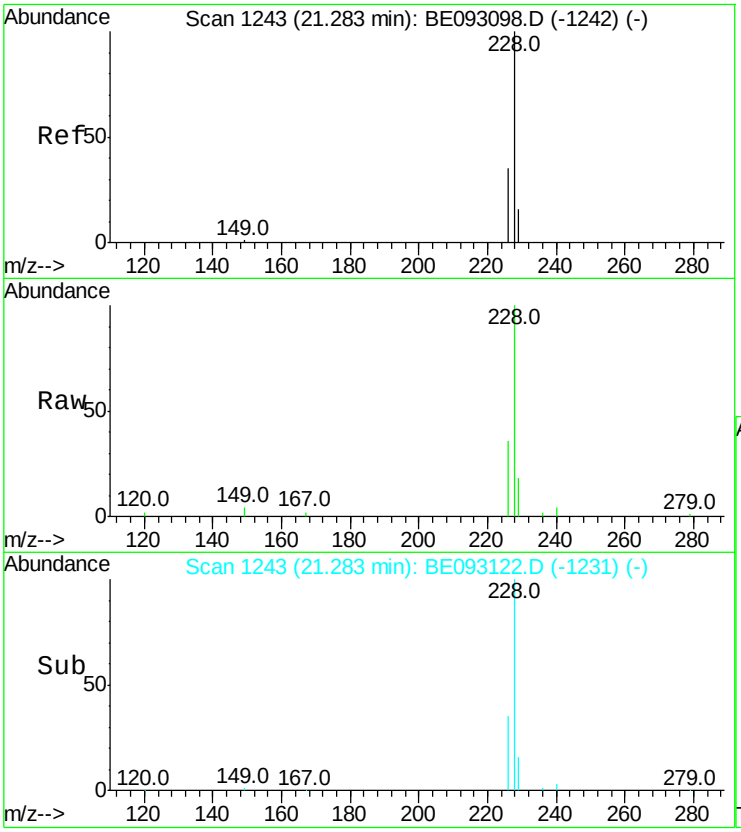


#30
Benzo(a)anthracene
Concen: 0.45 ng
RT: 21.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:228 Resp: 5700

Ion	Ratio	Lower	Upper
228	100		
226	32.5	19.7	29.5#
229	17.3	19.2	28.8#



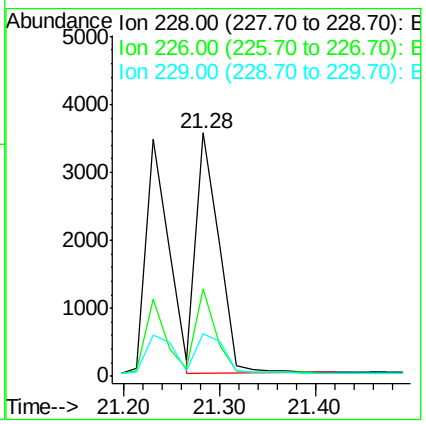


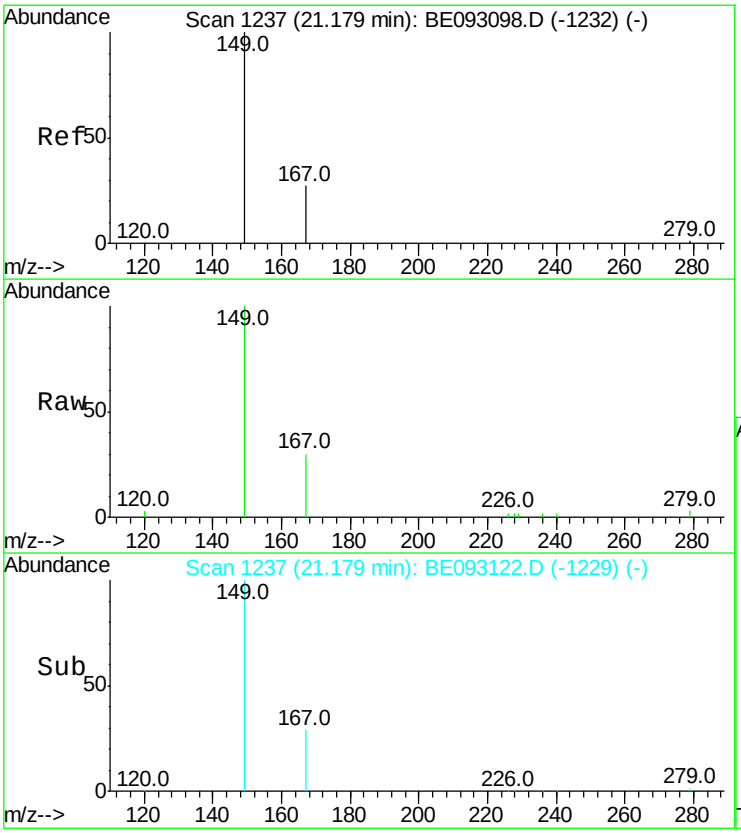
#31
Chrysene
Concen: 0.43 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5817

Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.5	32.3#
229	17.6	18.6	28.0#

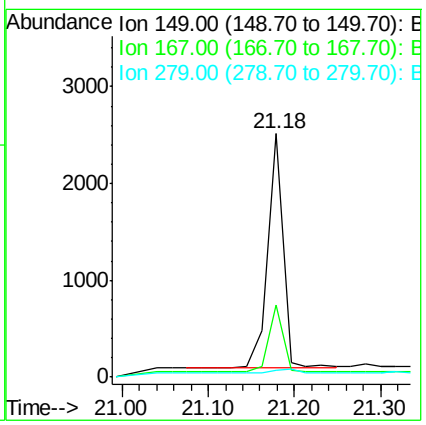


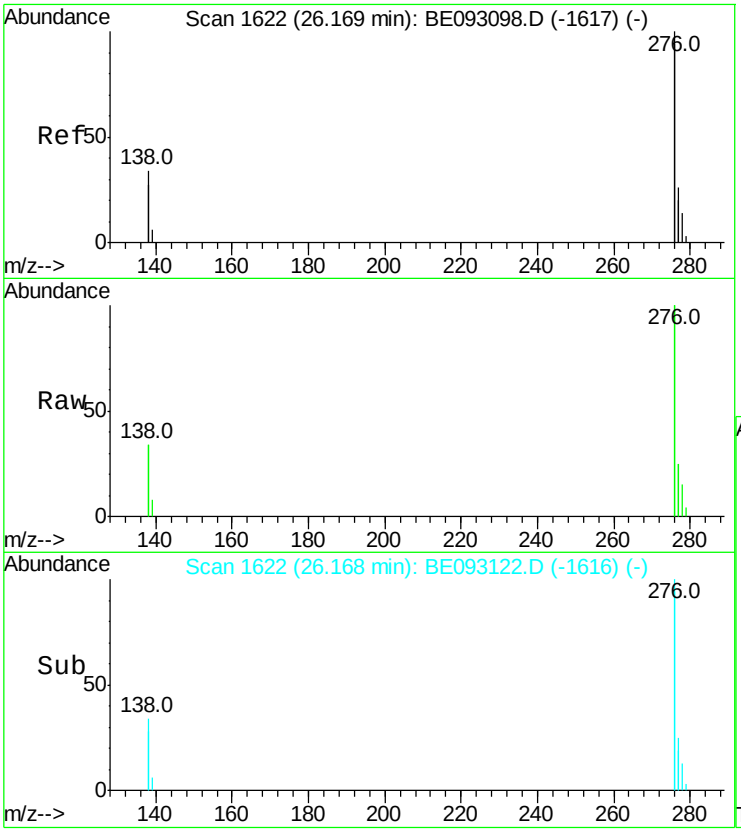


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.18 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:149 Resp: 3032

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.1	30.1
279	2.5	2.2	3.4



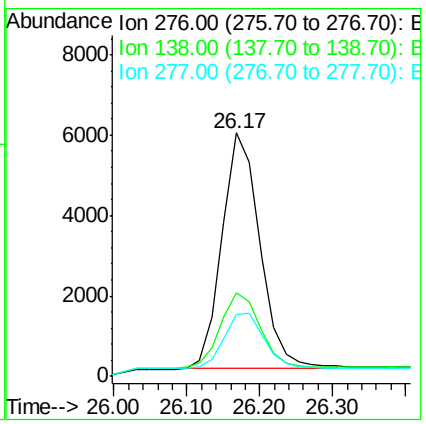


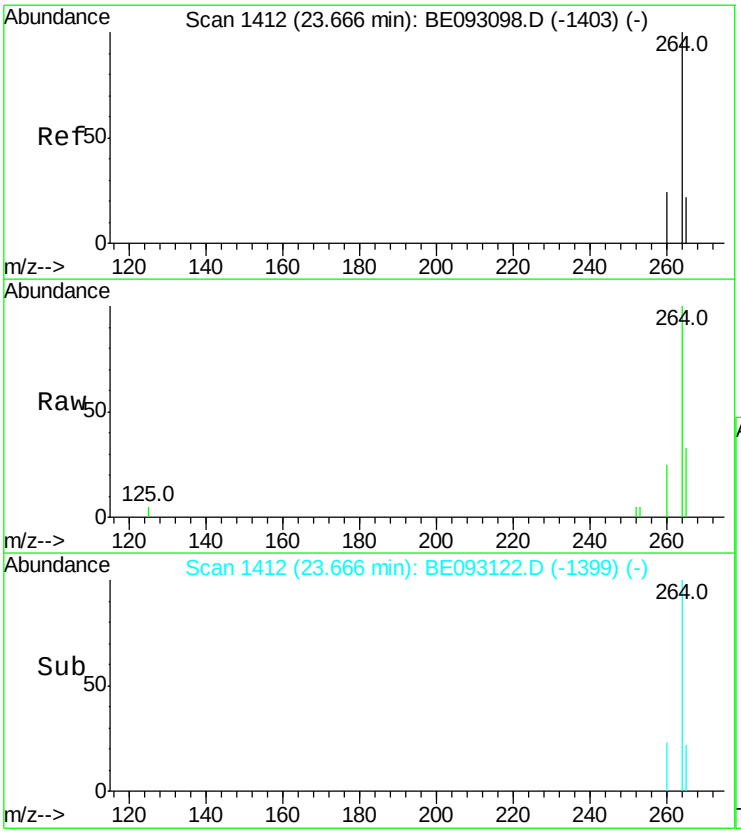
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.17 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21060

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.4	41.2
277	25.2	20.1	30.1

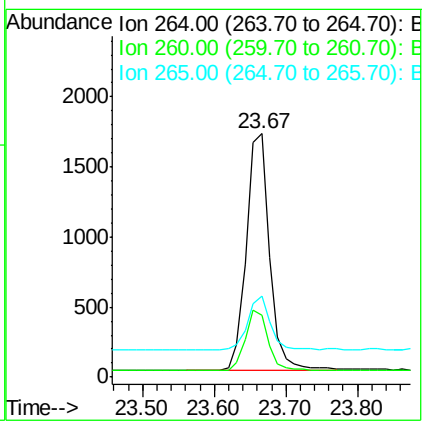


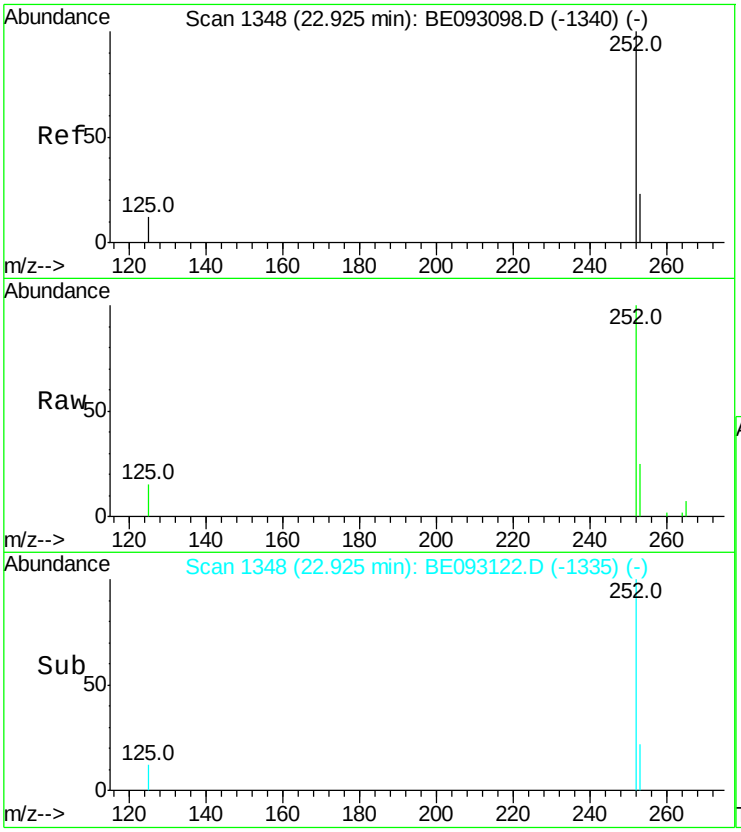


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:264 Resp: 3868

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	33.1	24.6	36.8



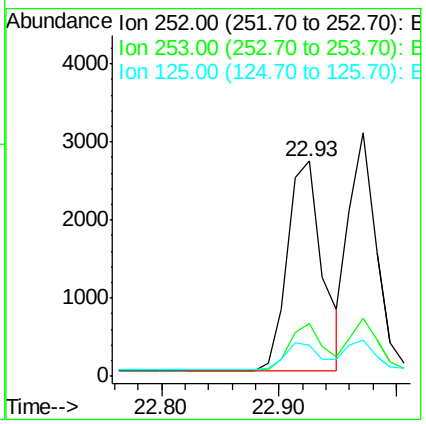


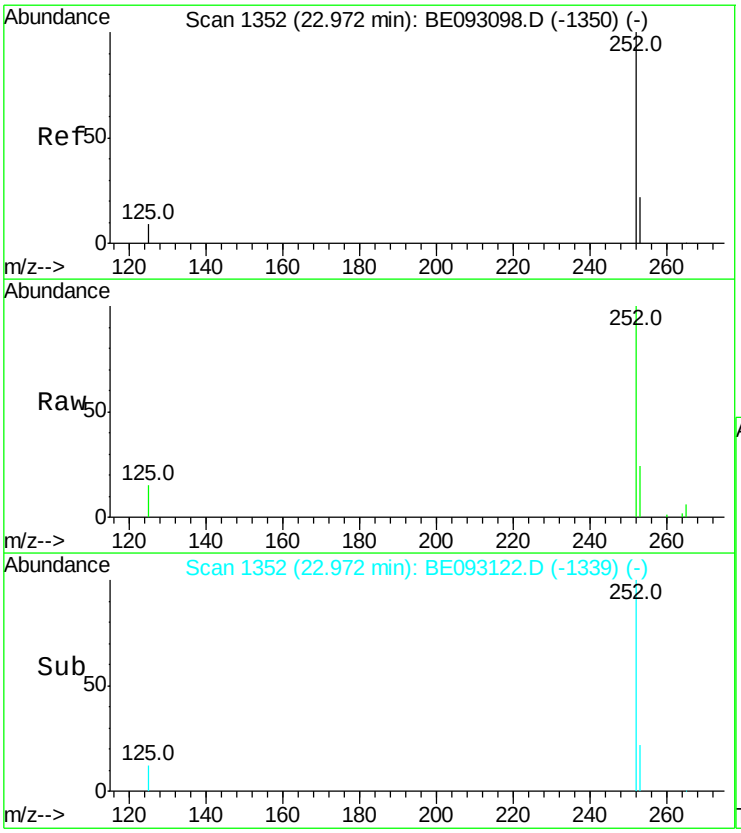
#35
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5611

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	14.5	13.4	20.0

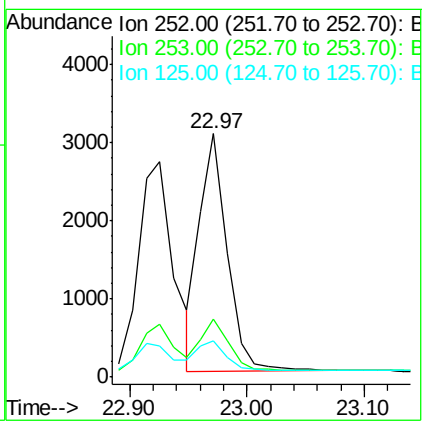


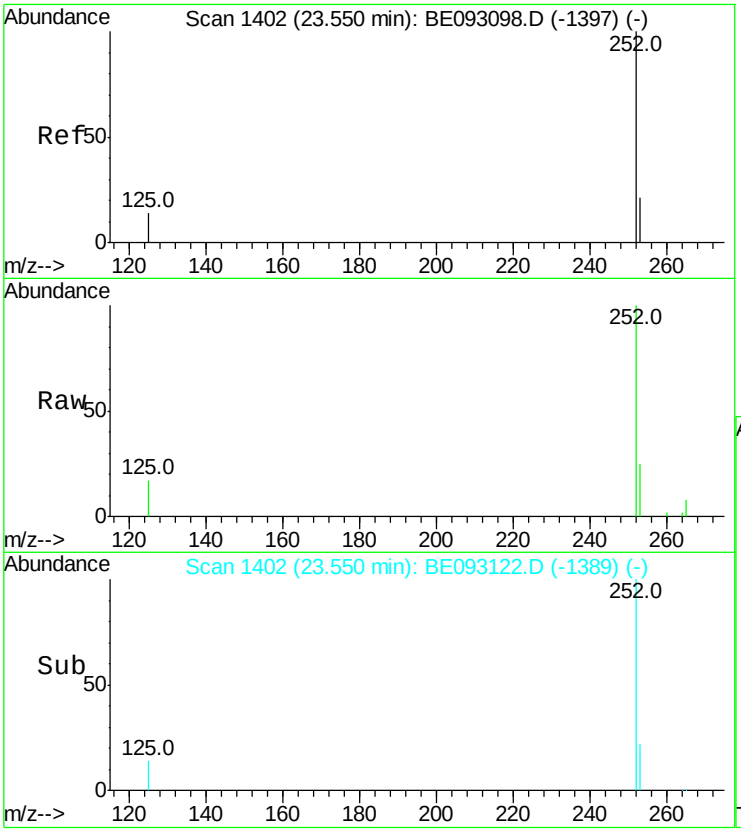


#36
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.97 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:252 Resp: 4962

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.3	30.5
125	14.7	12.2	18.4



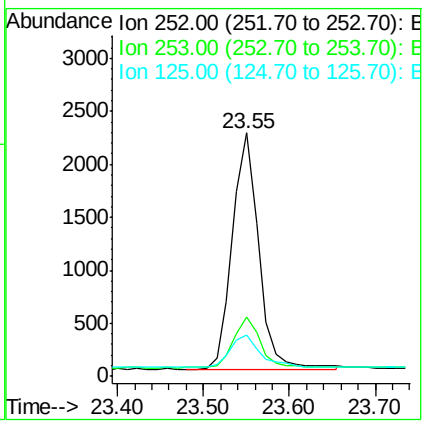


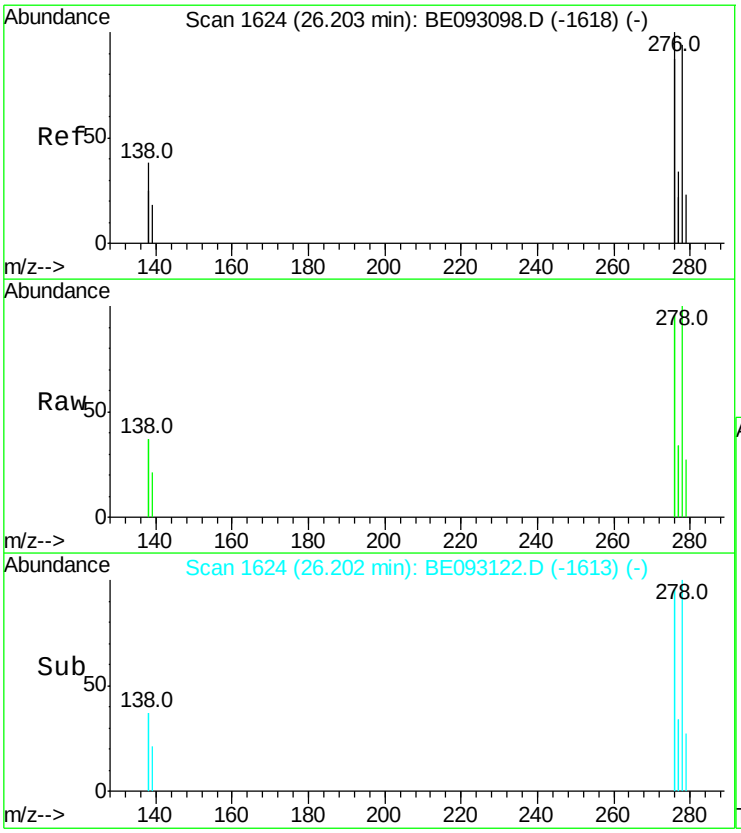
#37
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4744

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	17.1	14.6	21.8

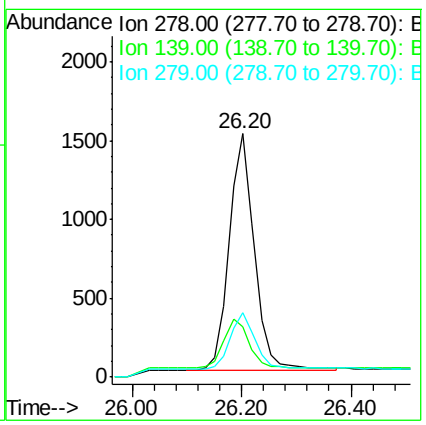


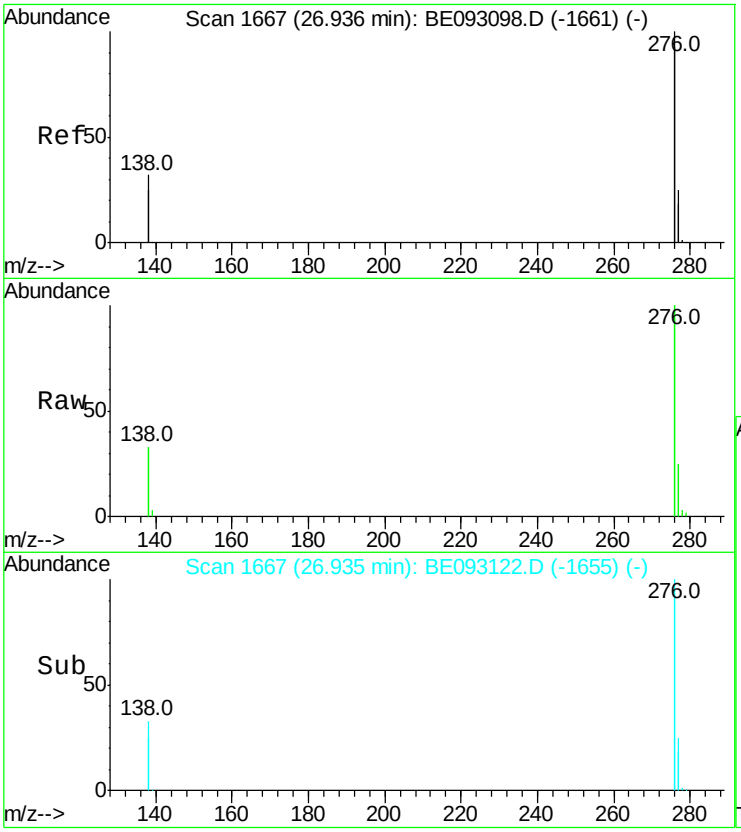


#38
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.20 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:278 Resp: 4741

Ion	Ratio	Lower	Upper
278	100		
139	20.9	21.4	32.0#
279	26.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 26.93 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19332

Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.2	31.8
138	32.7	24.5	36.7