Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091817\
Data File : BE094020.D
Acq On : 18 Sep 2017 10:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 01:26:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2157	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	11134	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	6312	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11529	0.40	ng		0.00
27) Chrysene-d12	21.42	240	14066	0.40	ng		-0.01
34) Perylene-d12	23.94	264	9226	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	2726	0.39	ng		-0.02
5) Phenol-d6	7.11	99	3823	0.37	ng		0.00
8) Nitrobenzene-d5	9.08	82	3581	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	7171	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	604	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	10069	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	65617	0.38	ng		0.00
29) Terphenyl-d14	19.87	244	10620	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1386	0.466	ng		93
3) n-Nitrosodimethylamine	3.75	42	1445	0.415	ng	#	93
6) bis(2-Chloroethyl)ether	7.34	93	3448	0.403	ng		89
9) Naphthalene	10.76	128	51795	0.406	ng		100
10) Hexachlorobutadiene	11.03	225	1735	0.374	ng		97
12) 2-Methylnaphthalene	12.37	142	8473	0.400	ng		99
16) Acenaphthylene	14.24	152	11803	0.375	ng		99
17) Acenaphthene	14.58	154	8430	0.396	ng		99
18) Fluorene	15.58	166	10612	0.386	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	2720	0.408	ng	#	82
21) Hexachlorobenzene	16.58	284	2149	0.316	ng	#	100
22) Pentachlorophenol	16.94	266	673	0.368	ng		95
23) Phenanthrene	17.30	178	18100	0.499	ng	#	99
24) Anthracene	17.40	178	11052	0.315	ng	#	56
26) Fluoranthene	19.31	202	19699	0.383	ng		99
28) Pyrene	19.67	202	20368	0.421	ng		100
30) Benzo(a)anthracene	21.40	228	14855	0.344	ng		100
31) Chrysene	21.46	228	19401	0.424	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	34381	0.328	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	6564	0.215	ng		96
35) Benzo(b)fluoranthene	23.16	252	11040	0.376	ng		99
36) Benzo(k)fluoranthene	23.21	252	16098	0.447	ng		97
37) Benzo(a)pyrene	23.82	252	11941	0.399	ng		96
38) Dibenzo(a,h)anthracene	26.64	278	5319	0.268	ng	#	87
39) Benzo(g,h,i)perylene	27.42	276	6579	0.314	ng		95

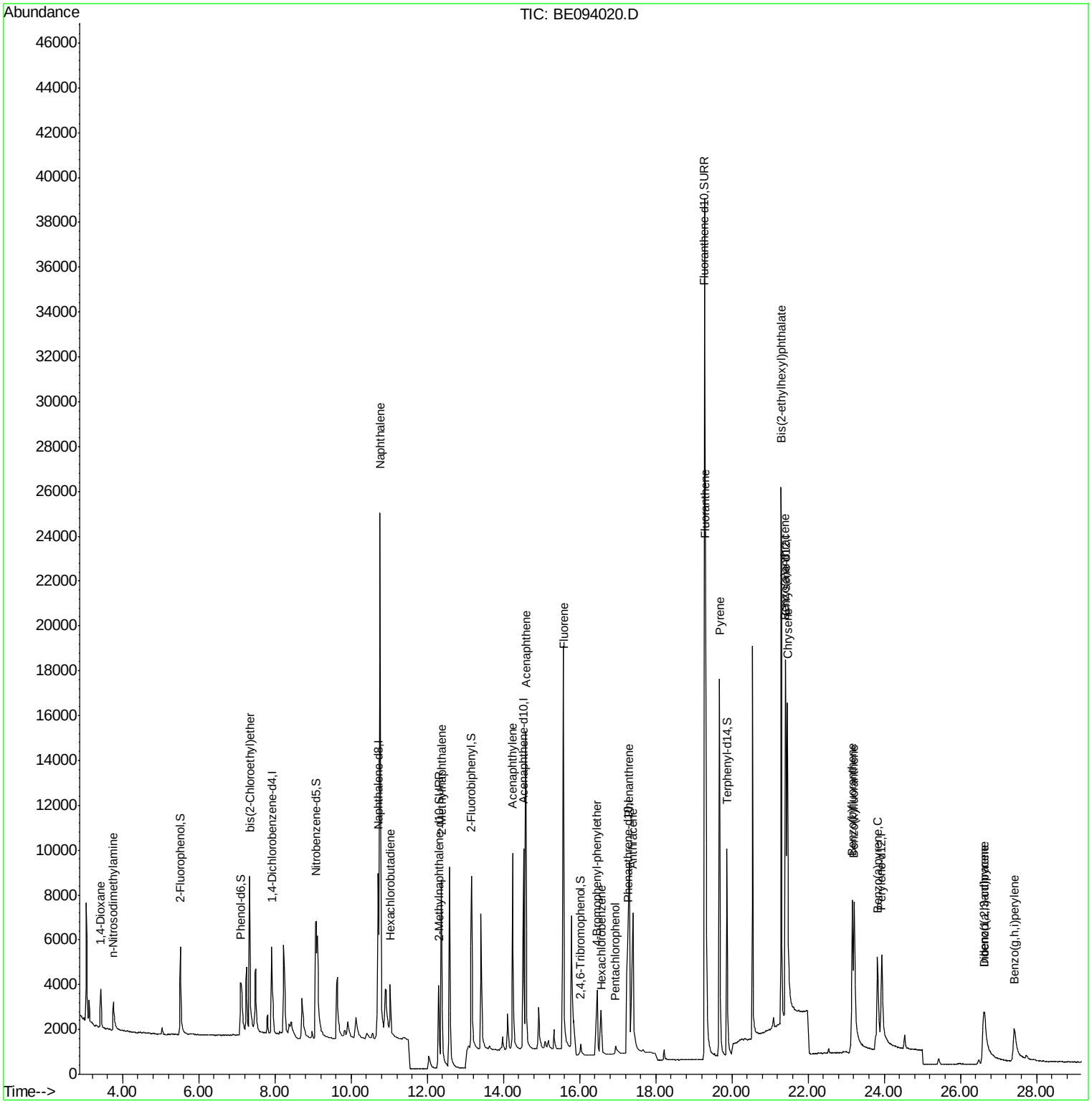
(#) = qualifier out of range (m) = manual integration (+) = signals summed

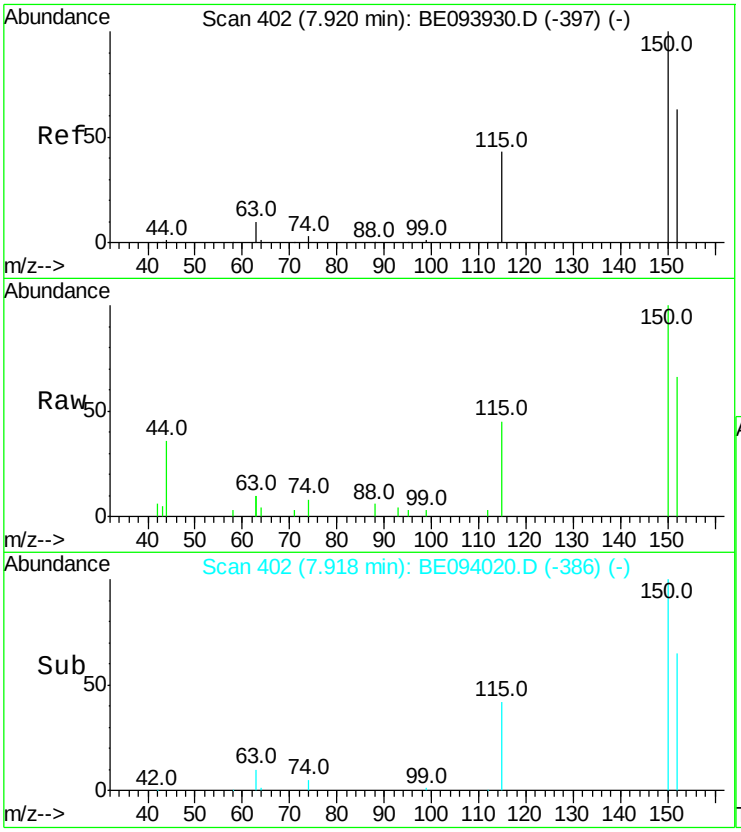
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091817\
Data File : BE094020.D
Acq On : 18 Sep 2017 10:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 01:26:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



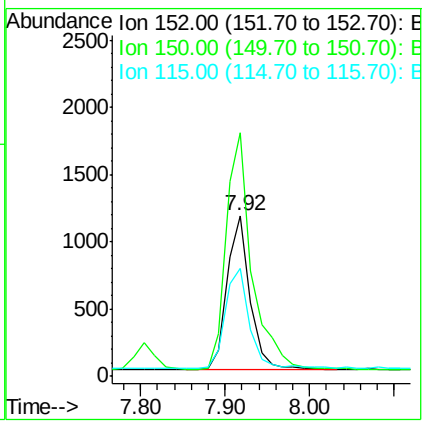


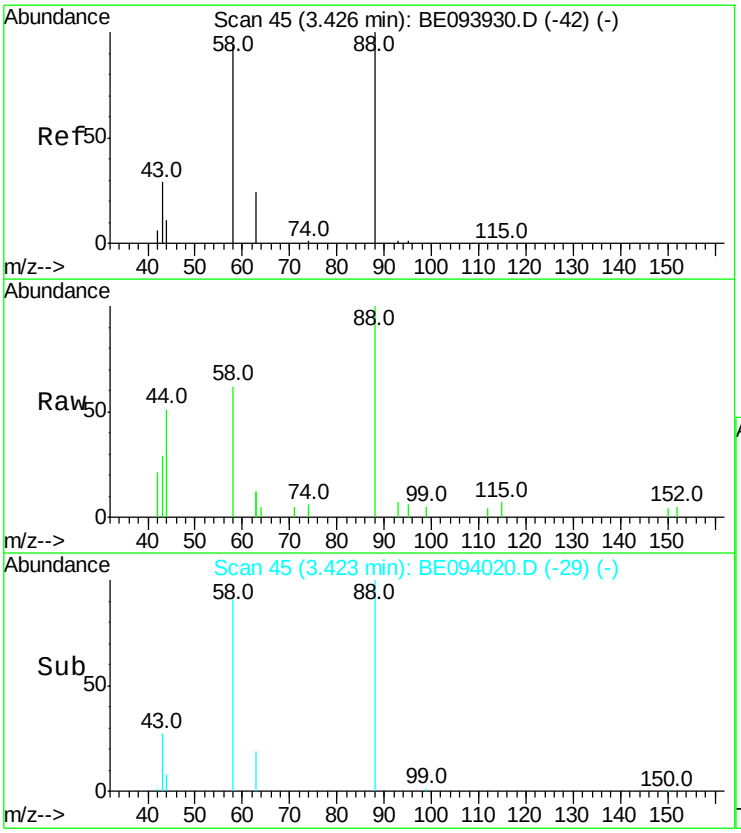
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2157

Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.8	182.6
115	67.5	52.6	79.0

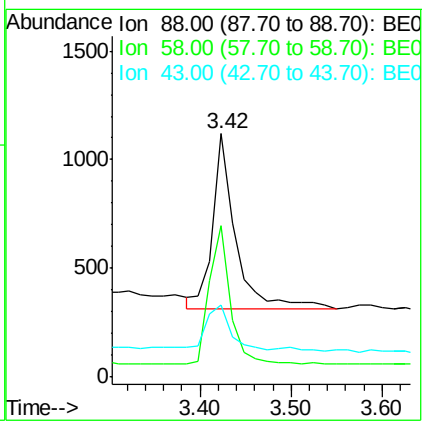


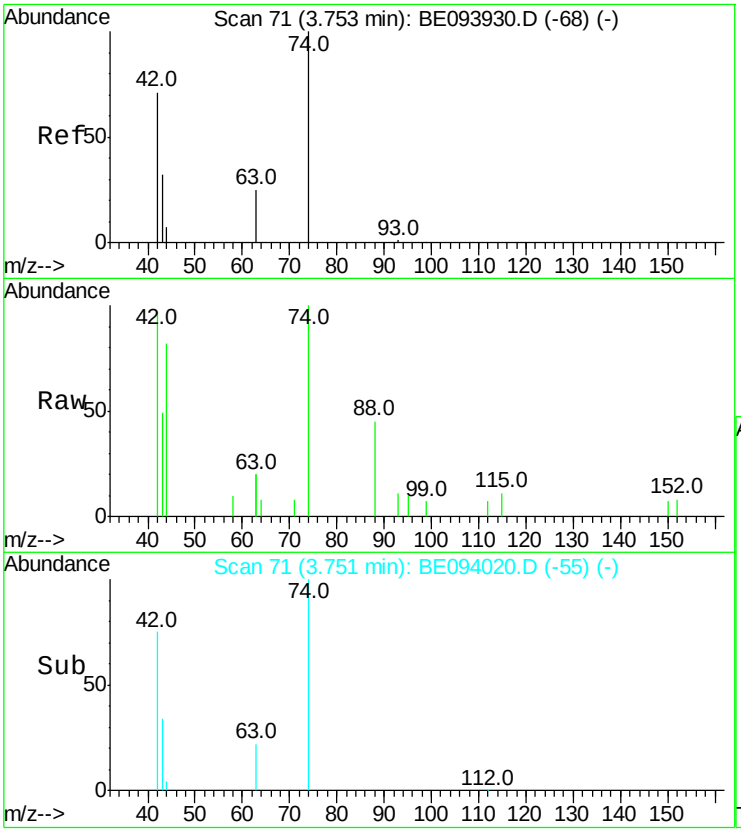


#2
1,4-Dioxane
Concen: 0.466 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion: 88 Resp: 1386

Ion	Ratio	Lower	Upper
88	100		
58	74.5	65.4	98.0
43	28.3	23.9	35.9



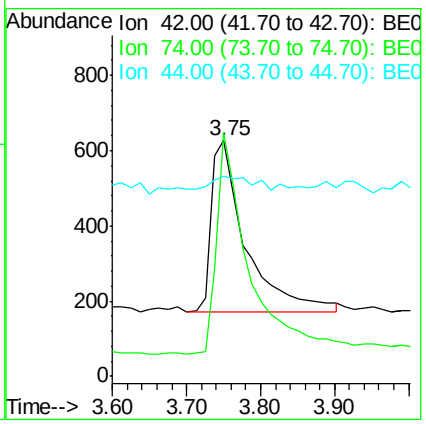


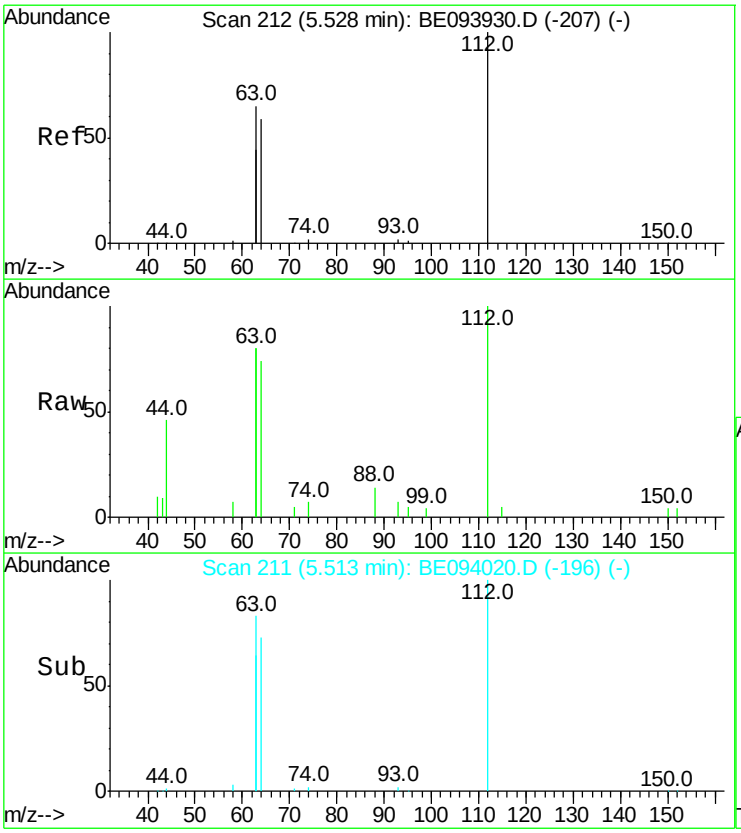
#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1445

Ion	Ratio	Lower	Upper
42	100		
74	121.9	104.0	156.0
44	12.9	13.8	20.8#

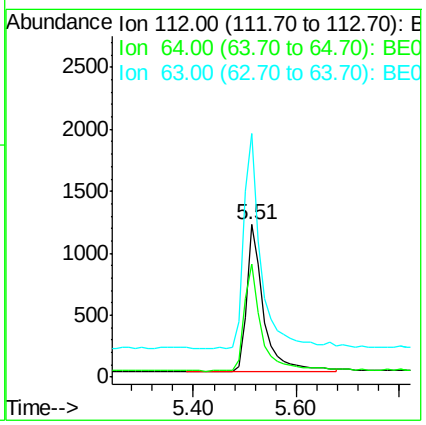


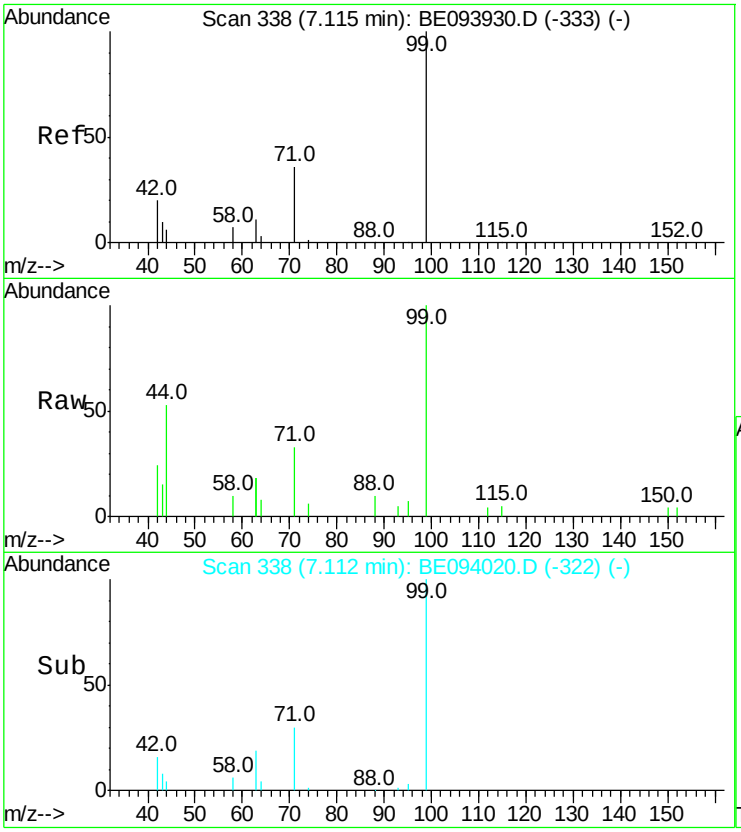


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.02 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:112 Resp: 2726

Ion	Ratio	Lower	Upper
112	100		
64	75.1	57.7	86.5
63	150.0	116.0	174.0



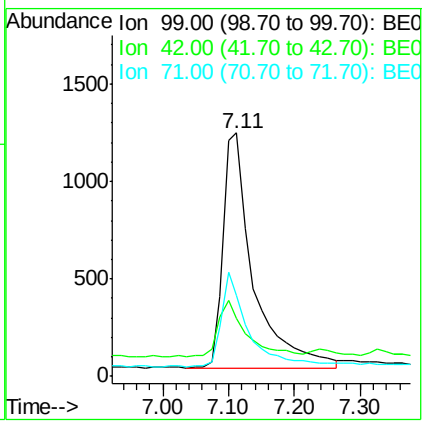


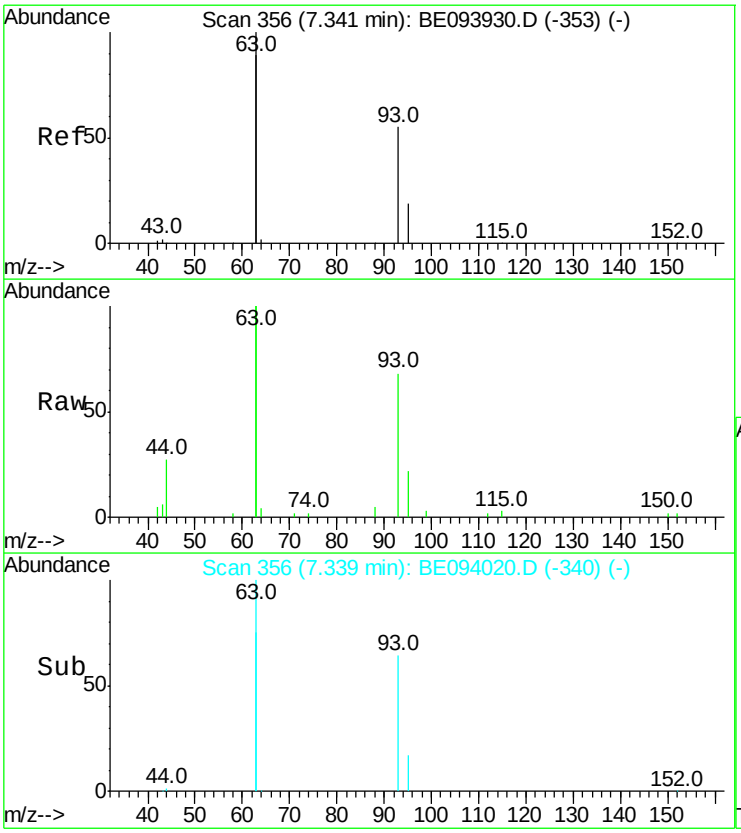
#5
Phenol-d6
Concen: 0.365 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3823

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.1	25.7
71	35.5	26.6	39.8

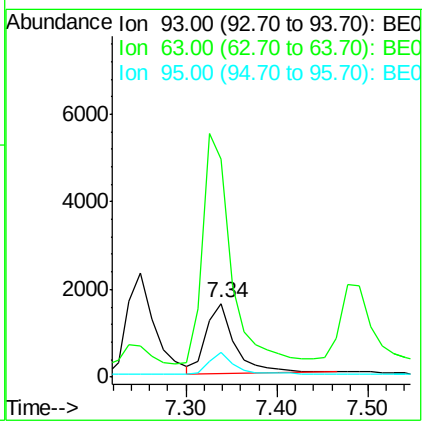


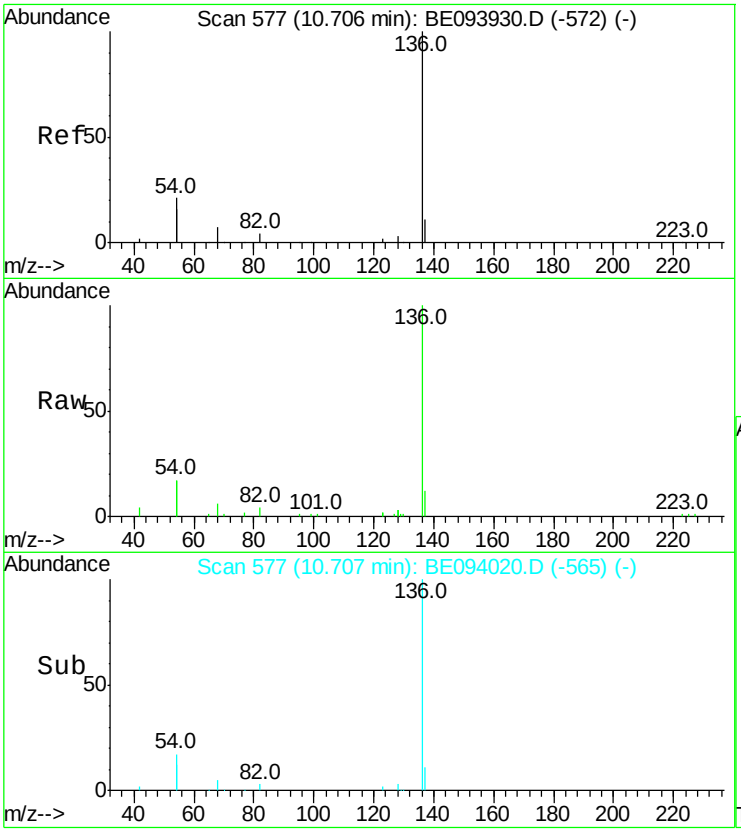


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion: 93 Resp: 3448

Ion	Ratio	Lower	Upper
93	100		
63	329.8	283.4	425.2
95	30.1	26.9	40.3



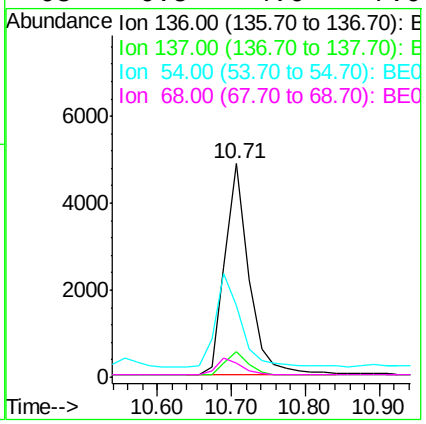


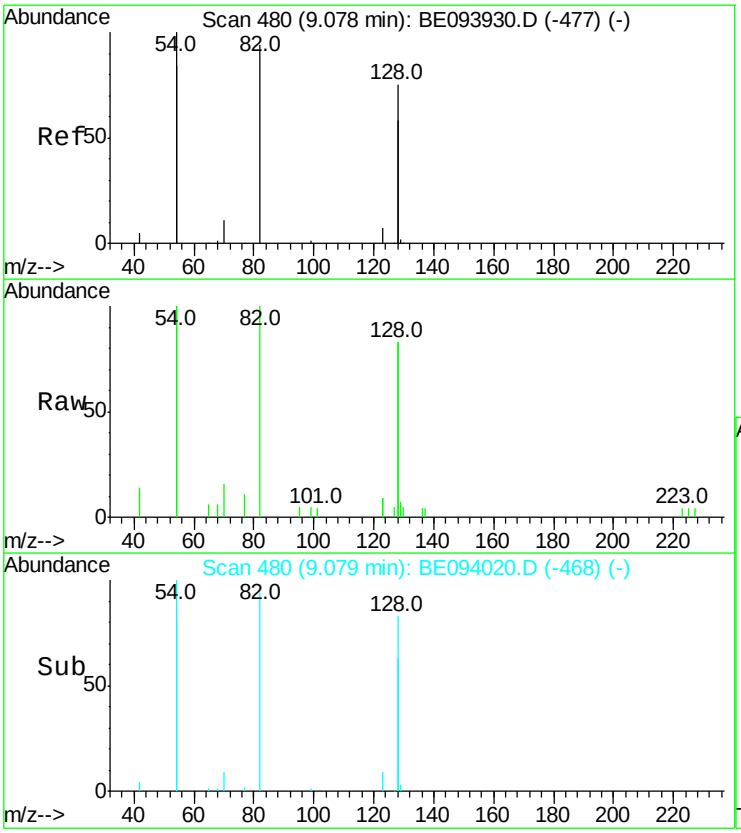
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11134

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	33.3	21.9	32.9#
68	6.5	4.6	7.0

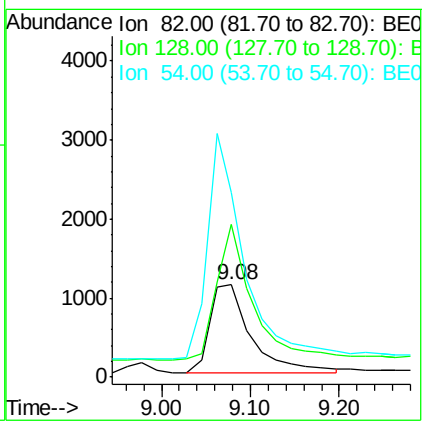


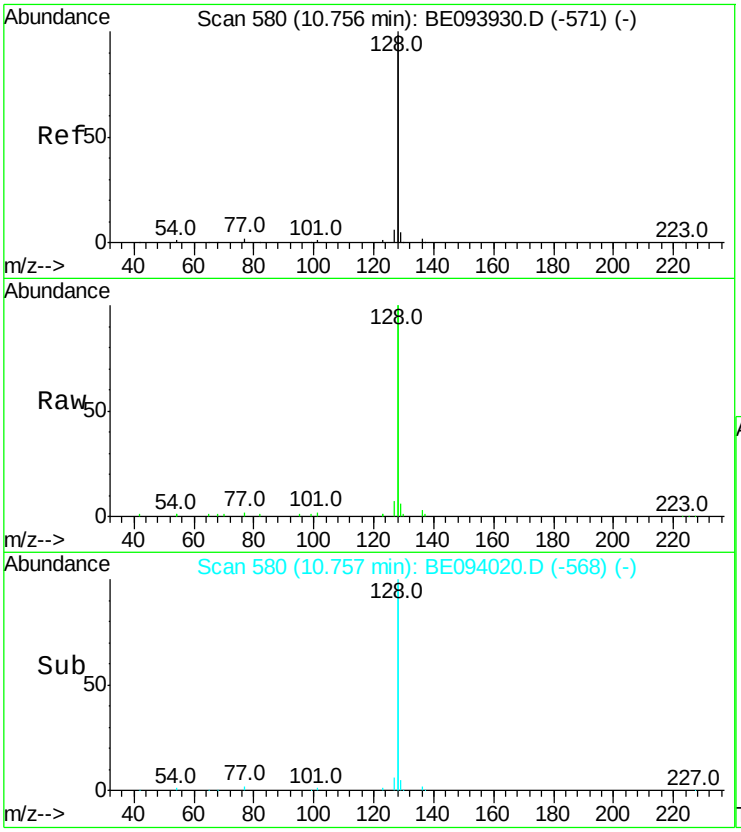


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion: 82 Resp: 3581

Ion	Ratio	Lower	Upper
82	100		
128	166.2	91.4	137.0#
54	200.9	197.8	296.8



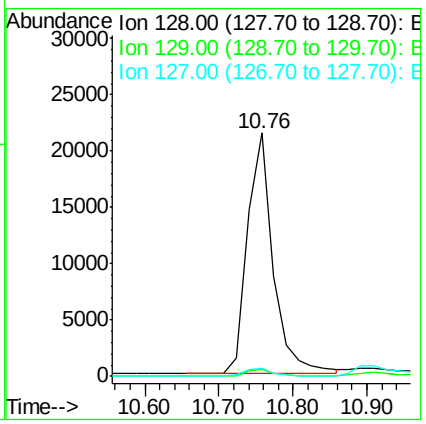


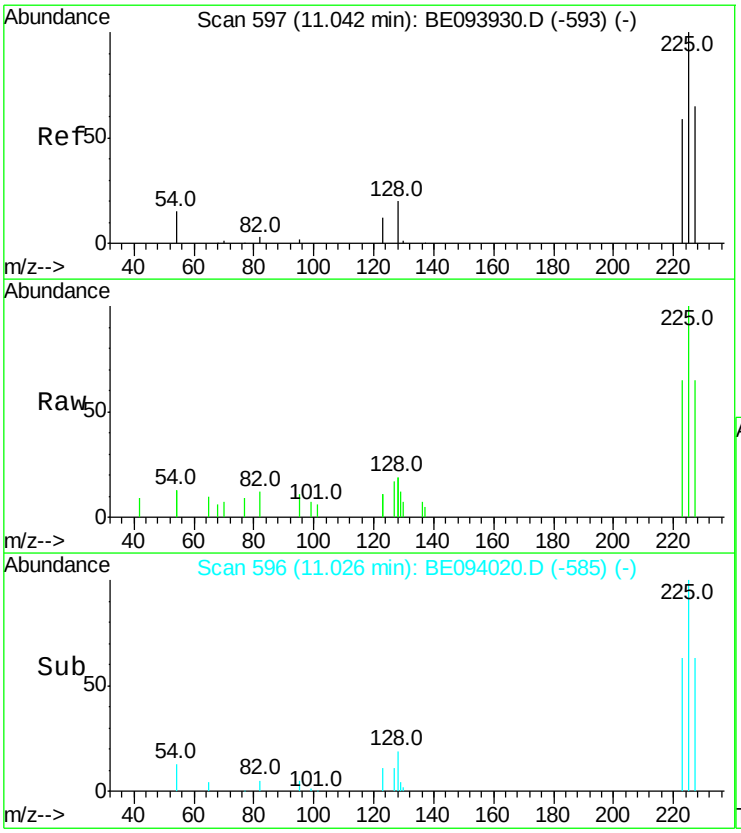
#9
Naphthalene
Concen: 0.406 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 51795

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.3	2.6	4.0

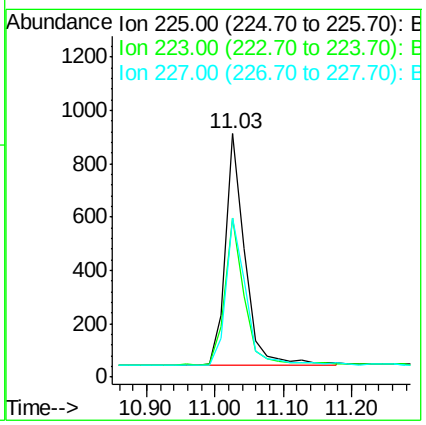


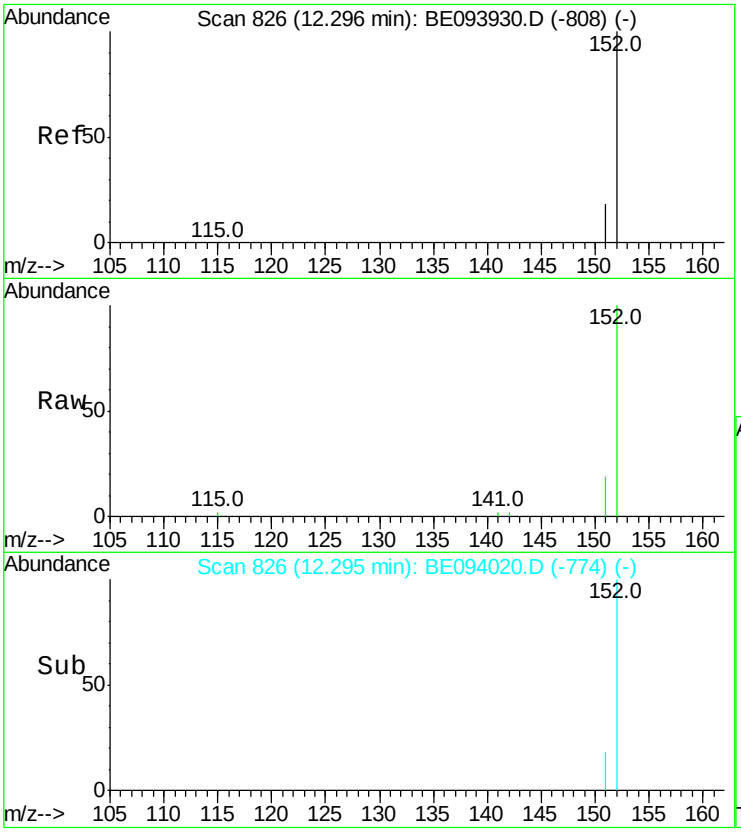


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.02 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:225 Resp: 1735

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.9	50.5	75.7



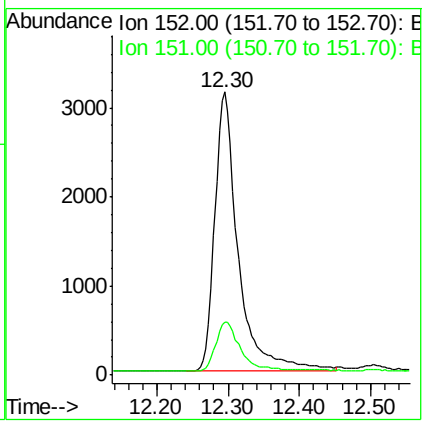


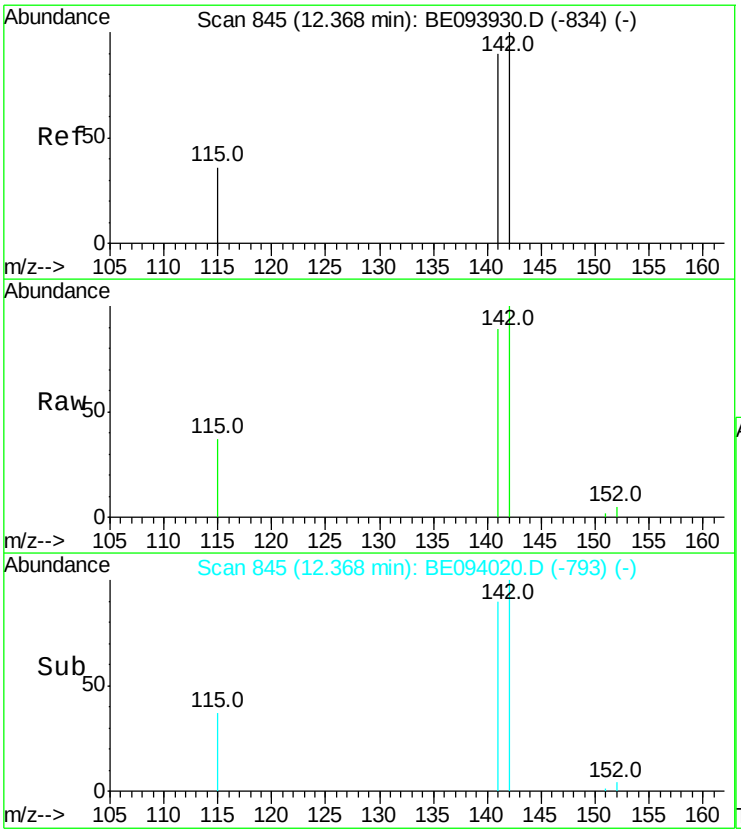
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.30 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7171

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

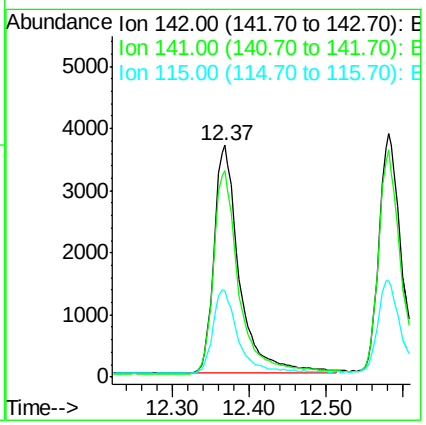


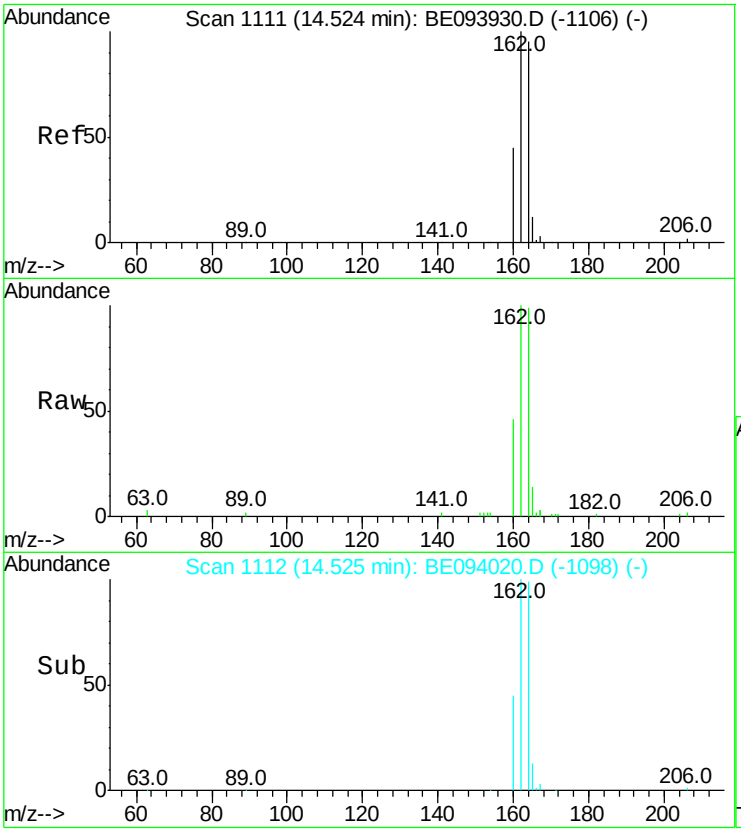


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.37 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:142 Resp: 8473

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	37.4	29.4	44.0



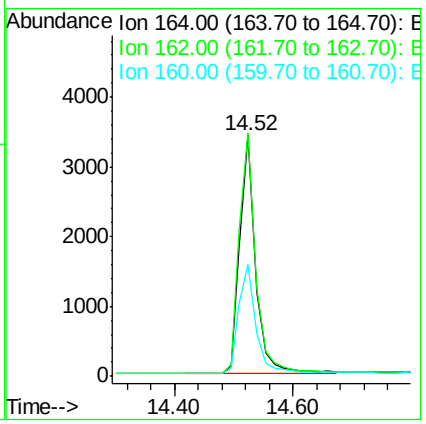


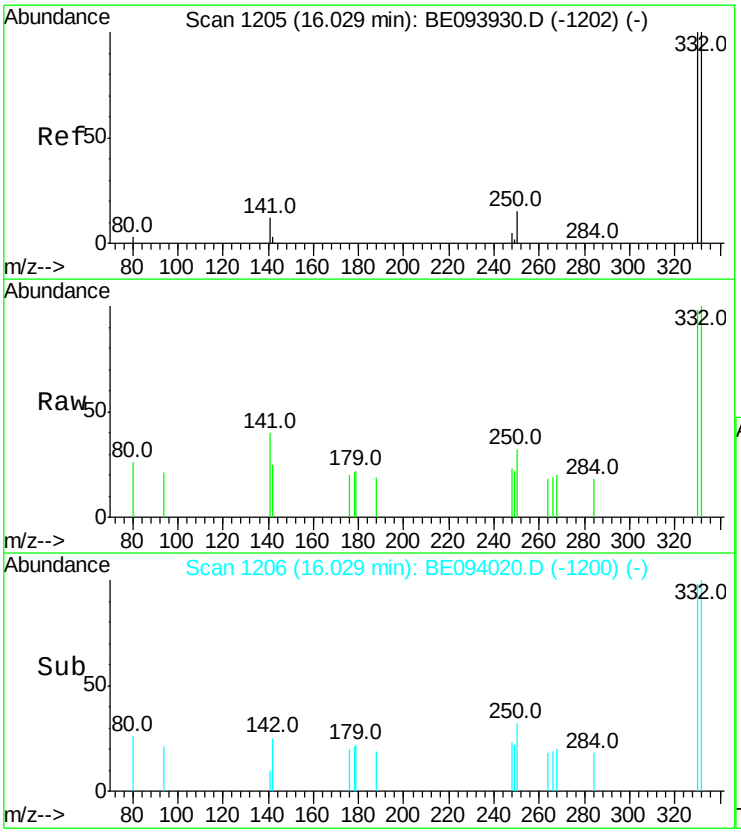
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6312

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	46.4	37.0	55.4

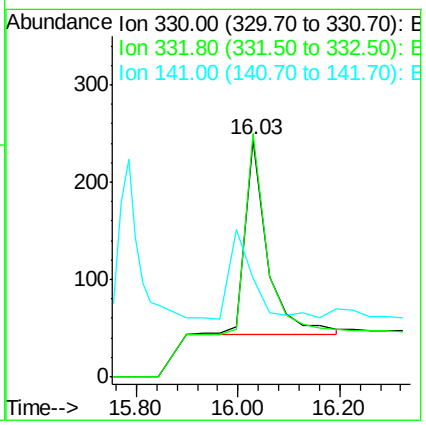


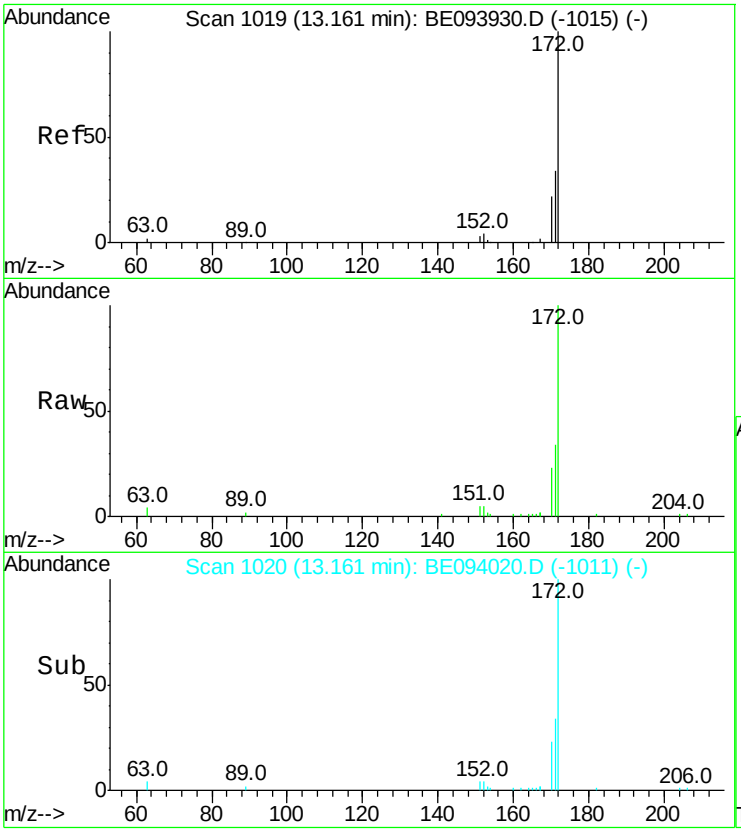


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:330 Resp: 604

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.9	115.3
141	0.0	0.0	0.0



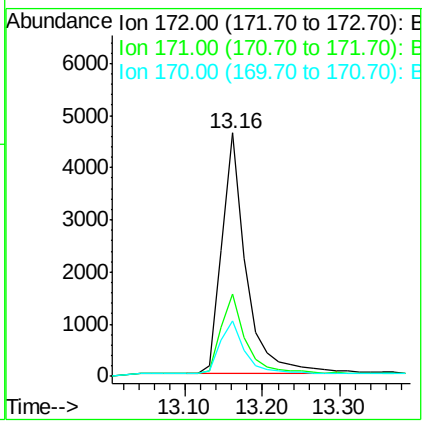


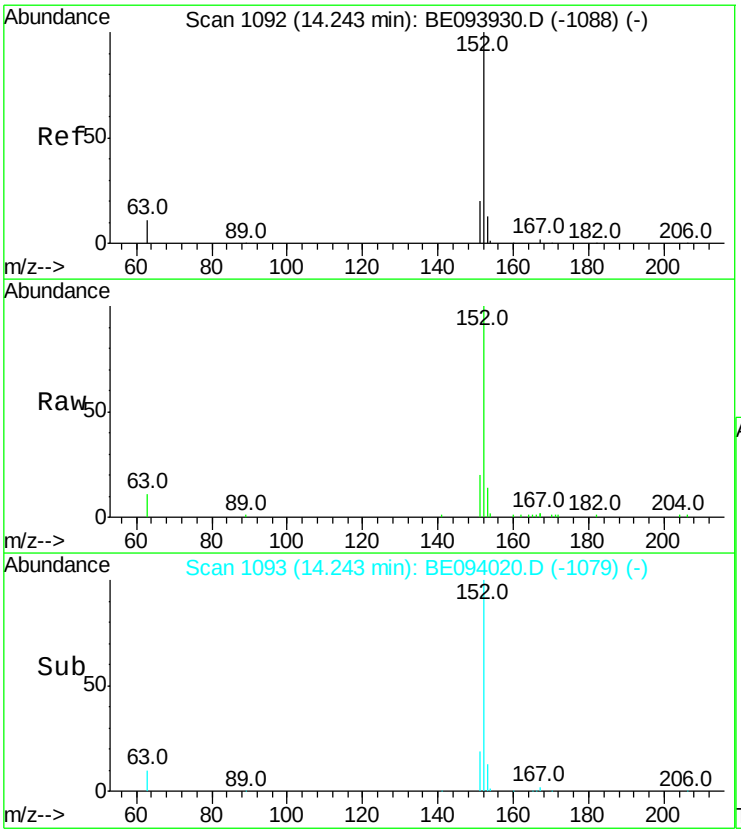
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10069

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.9	40.3
170	22.5	17.3	25.9

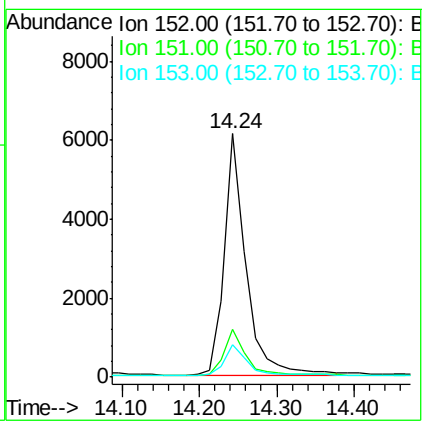


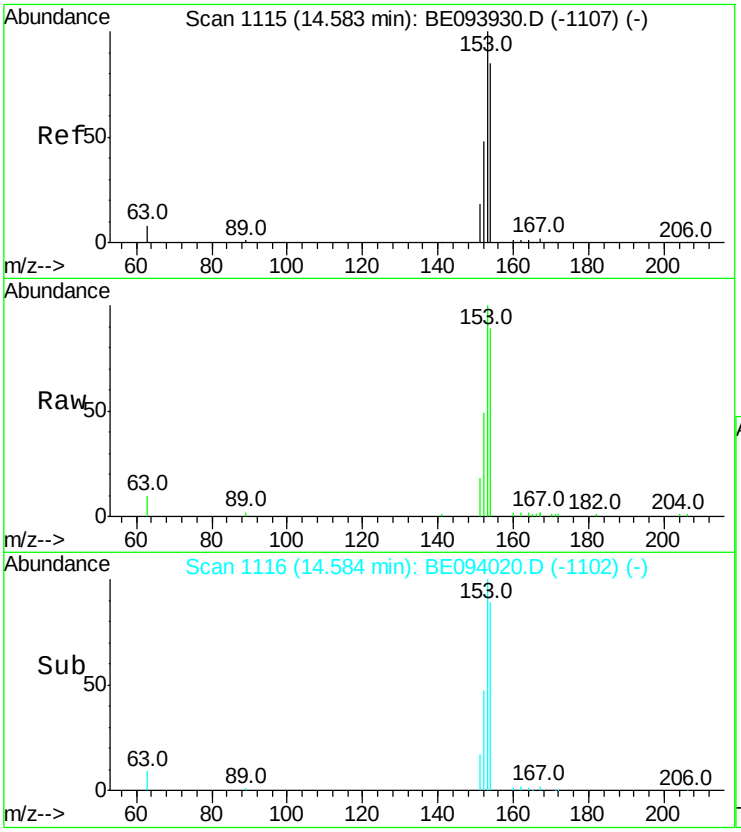


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:152 Resp: 11803

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	12.9	10.6	16.0



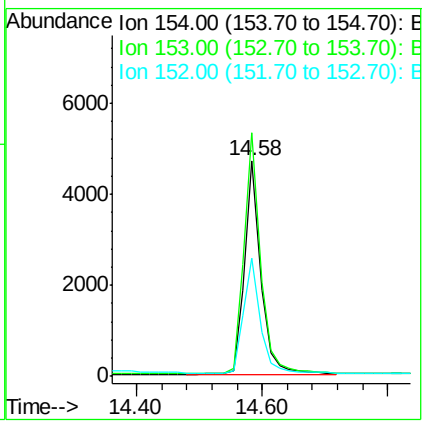


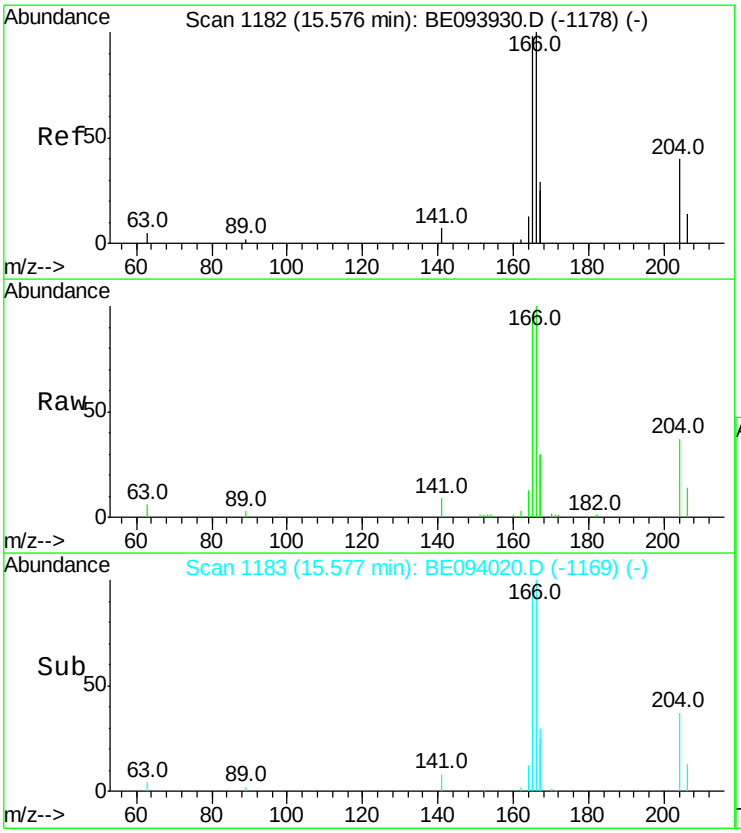
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8430

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.8	137.6
152	54.7	44.9	67.3

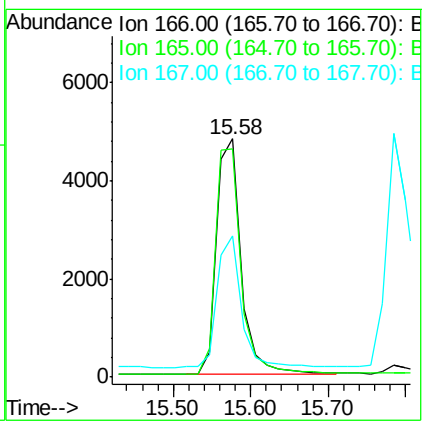


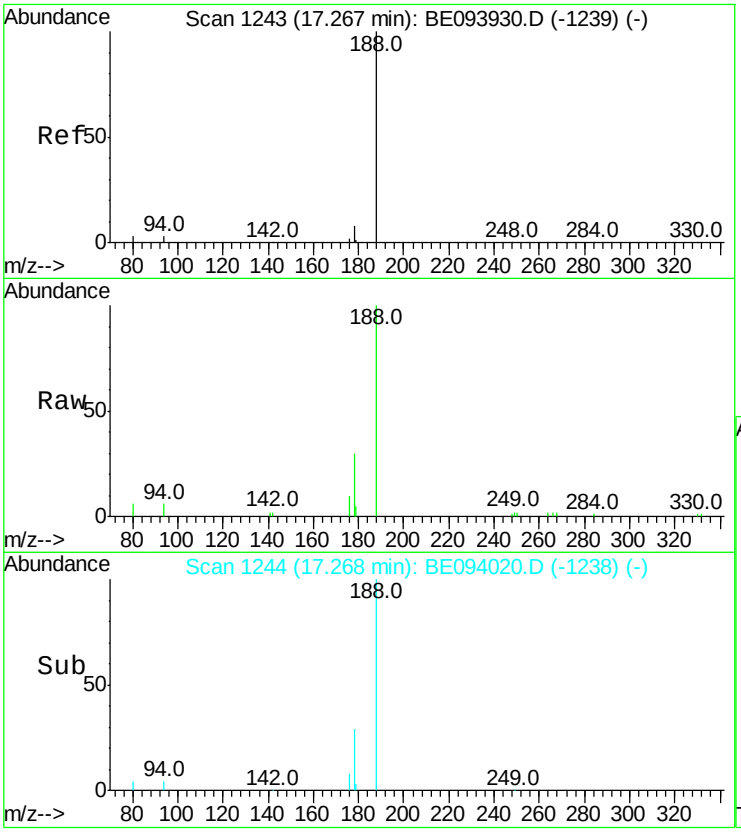


#18
Fluorene
Concen: 0.386 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:166 Resp: 10612

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	54.5	43.5	65.3



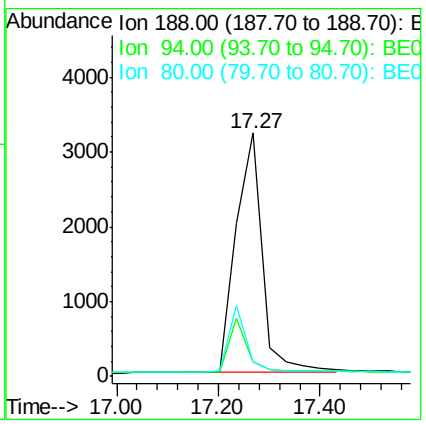


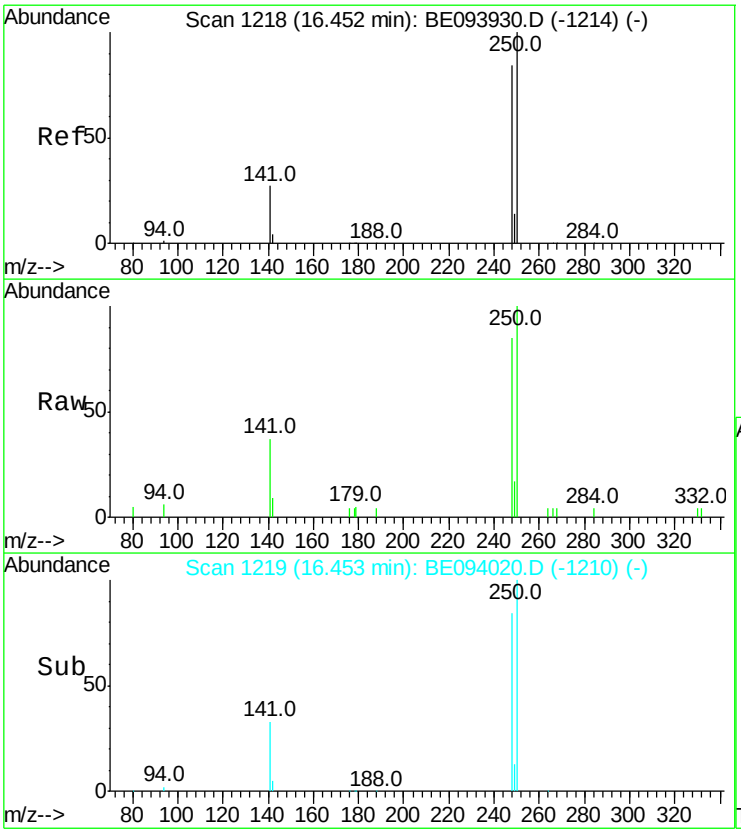
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11529

Ion	Ratio	Lower	Upper
188	100		
94	6.1	16.1	24.1#
80	6.1	18.2	27.2#

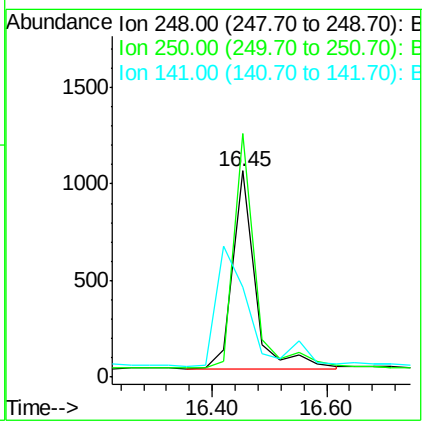


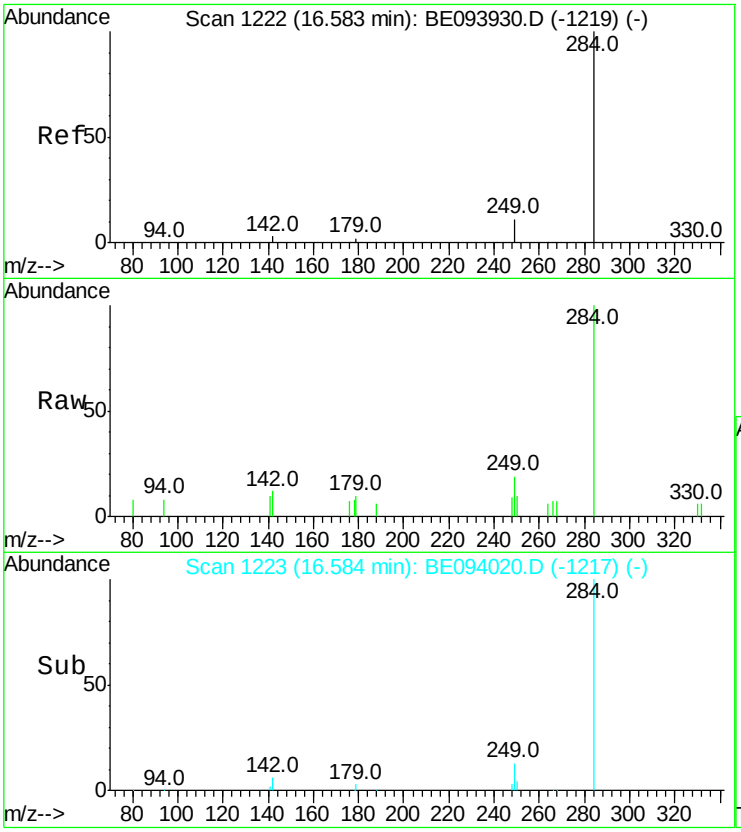


#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:248 Resp: 2720

Ion	Ratio	Lower	Upper
248	100		
250	118.2	111.8	167.8
141	43.6	27.1	40.7#



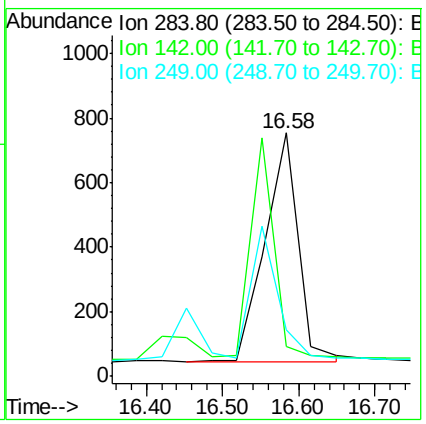


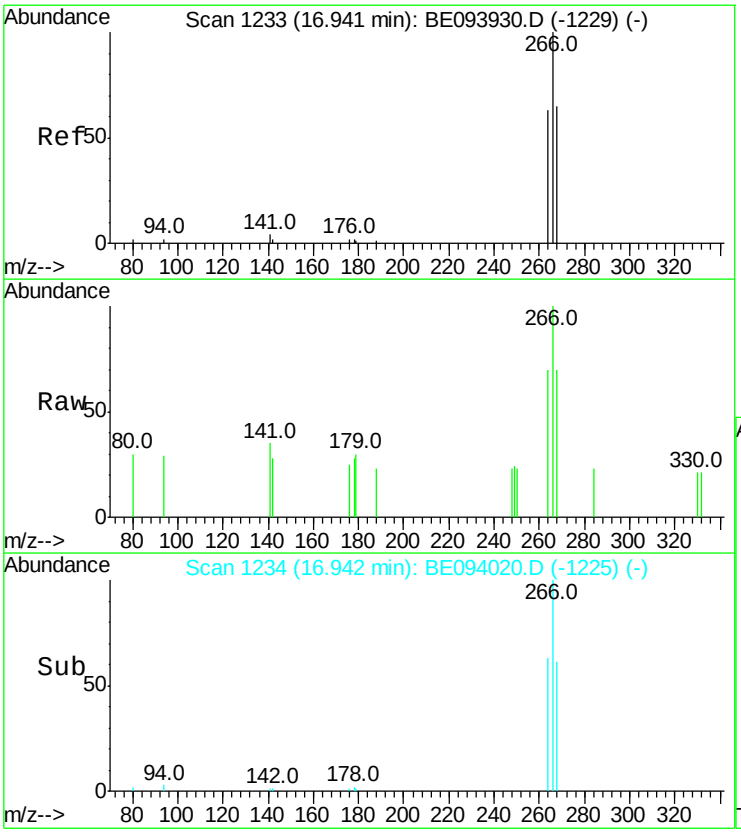
#21
Hexachlorobenzene
Concen: 0.316 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2149

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

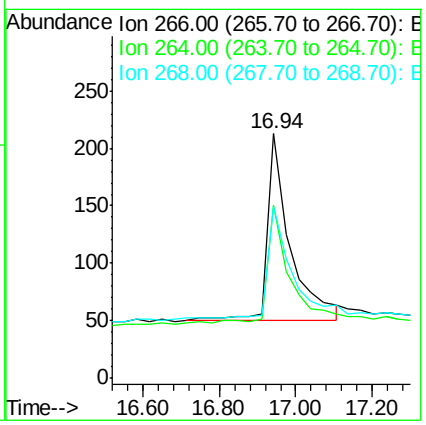


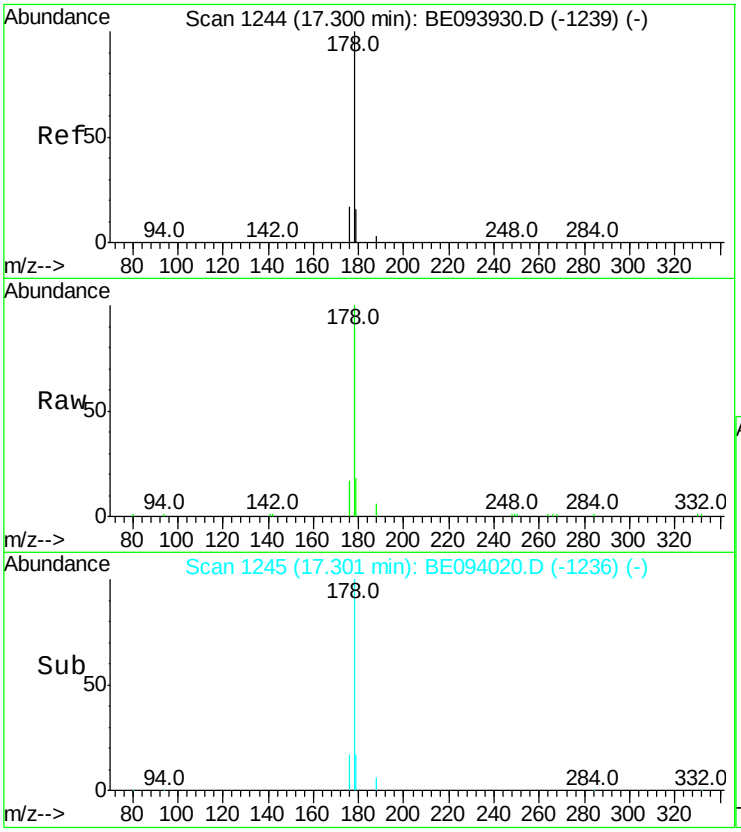


#22
Pentachlorophenol
Concen: 0.368 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:266 Resp: 673

Ion	Ratio	Lower	Upper
266	100		
264	70.4	53.5	80.3
268	70.0	60.0	90.0



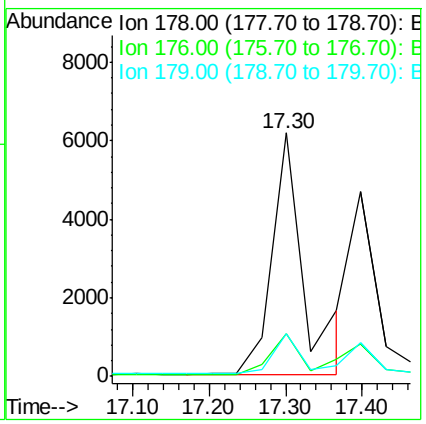


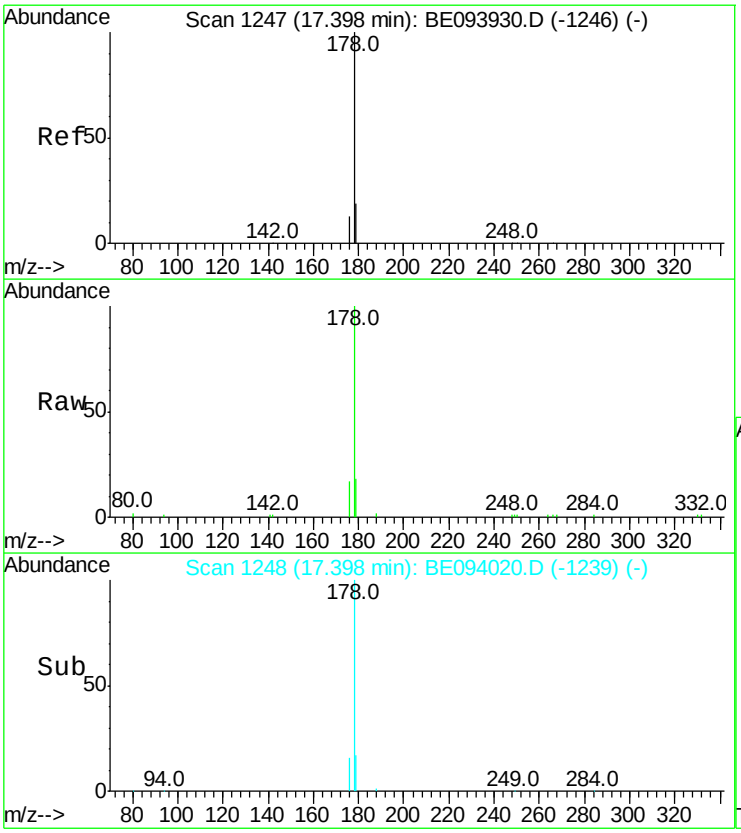
#23
Phenanthrene
Concen: 0.499 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18100

Ion	Ratio	Lower	Upper
178	100		
176	19.1	0.0	0.0#
179	15.5	12.6	18.8

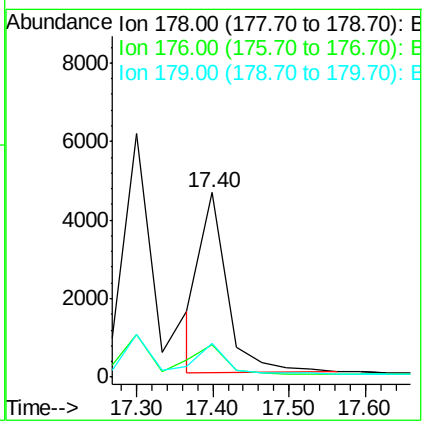


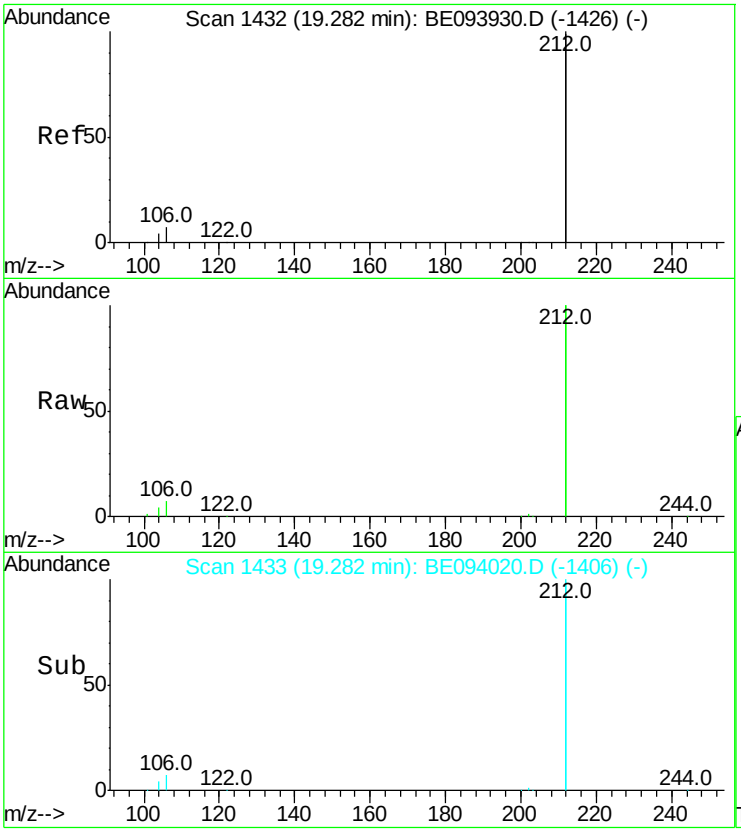


#24
Anthracene
Concen: 0.315 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:178 Resp: 11052

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	17.4	0.0	0.0#



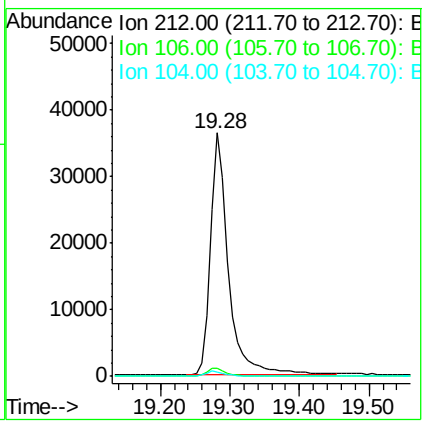


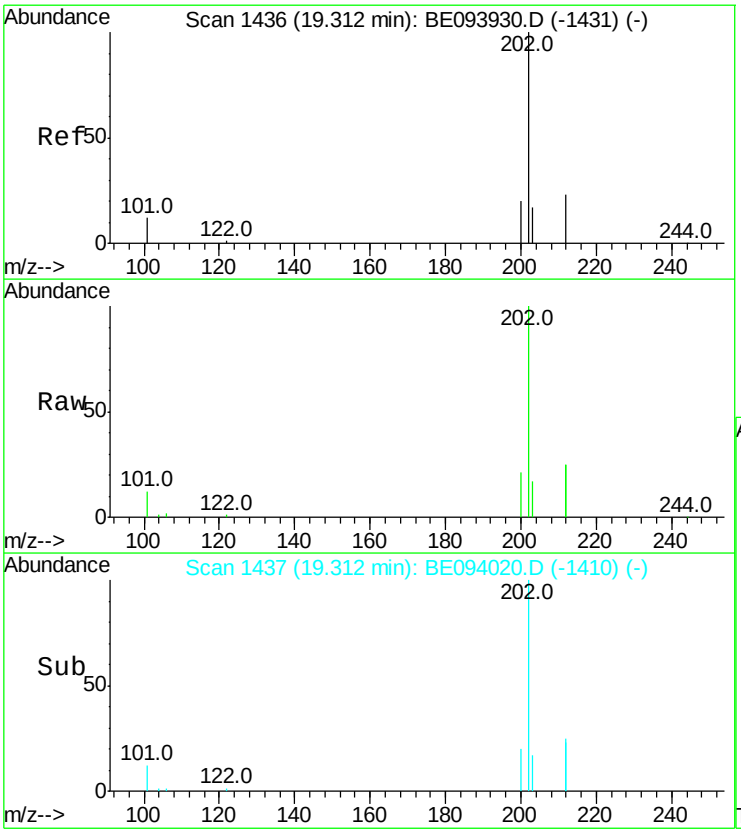
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 65617

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

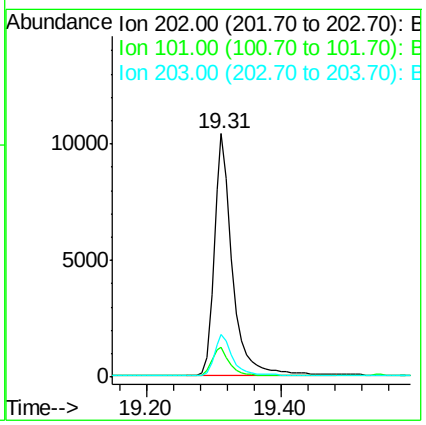


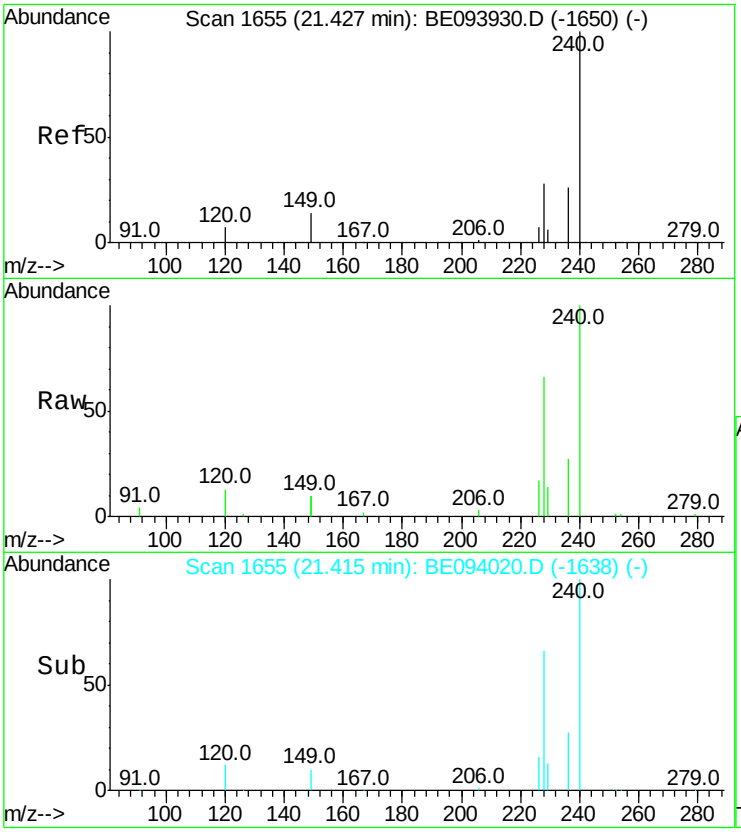


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:202 Resp: 19699

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
203	16.9	13.7	20.5



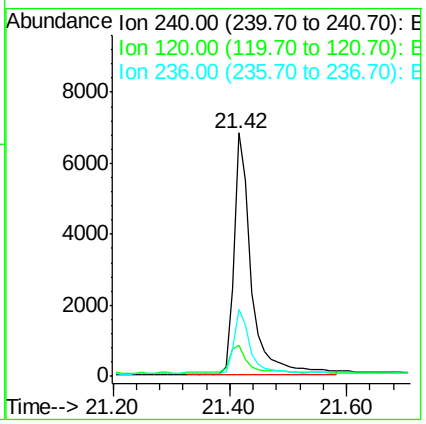


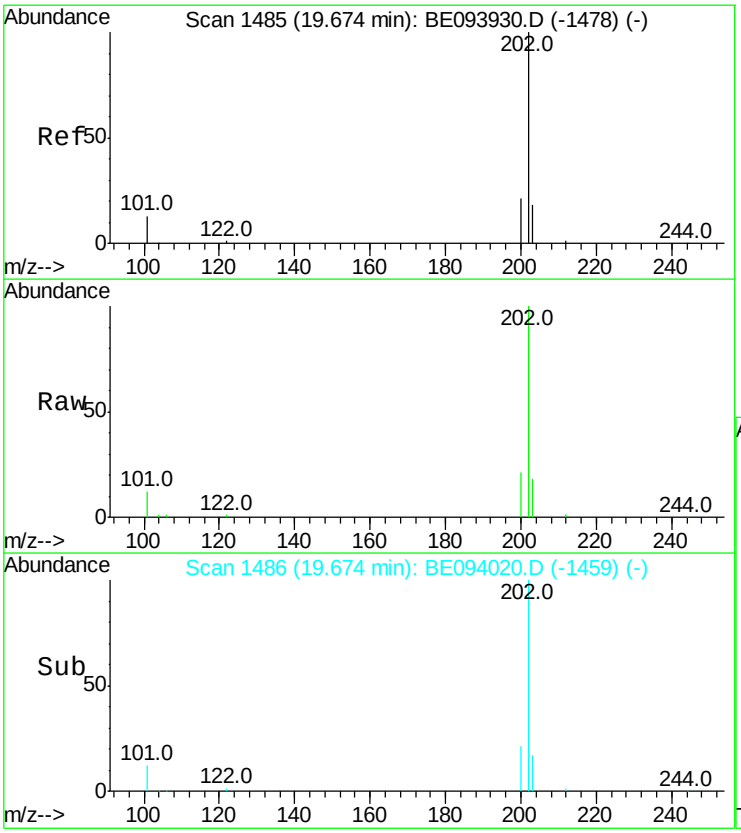
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 14066

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	27.3	21.3	31.9

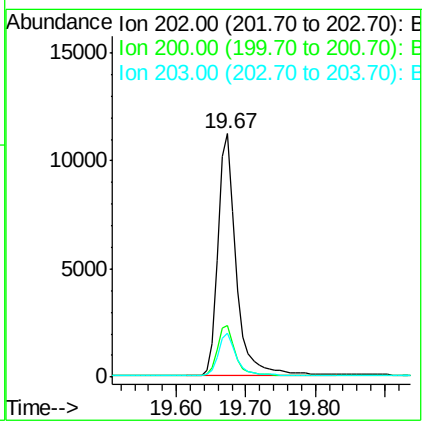


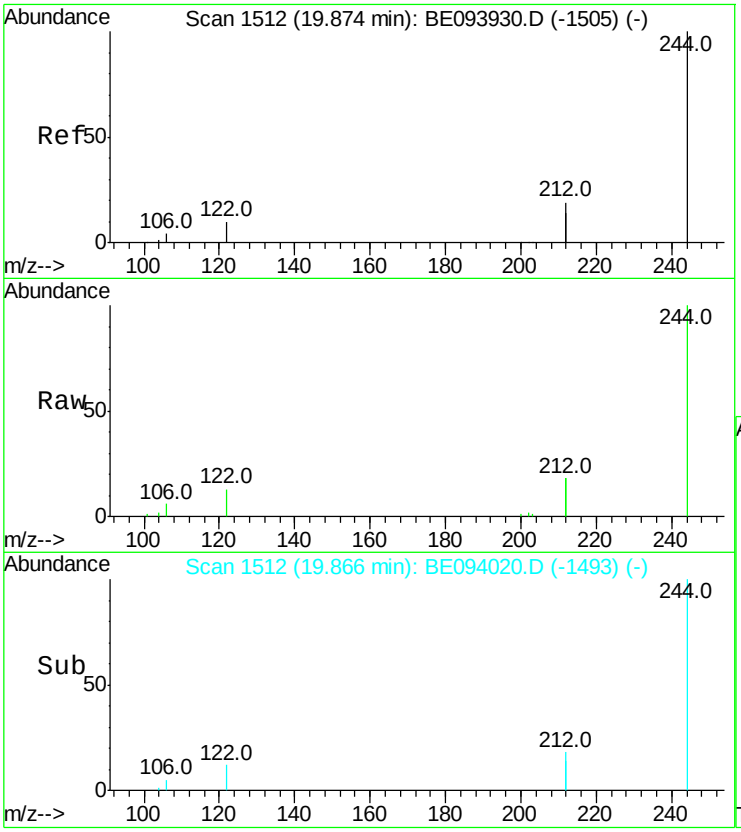


#28
Pyrene
Concen: 0.421 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:202 Resp: 20368

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.6	14.2	21.4



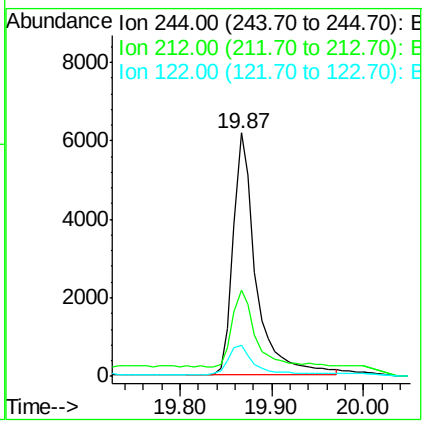


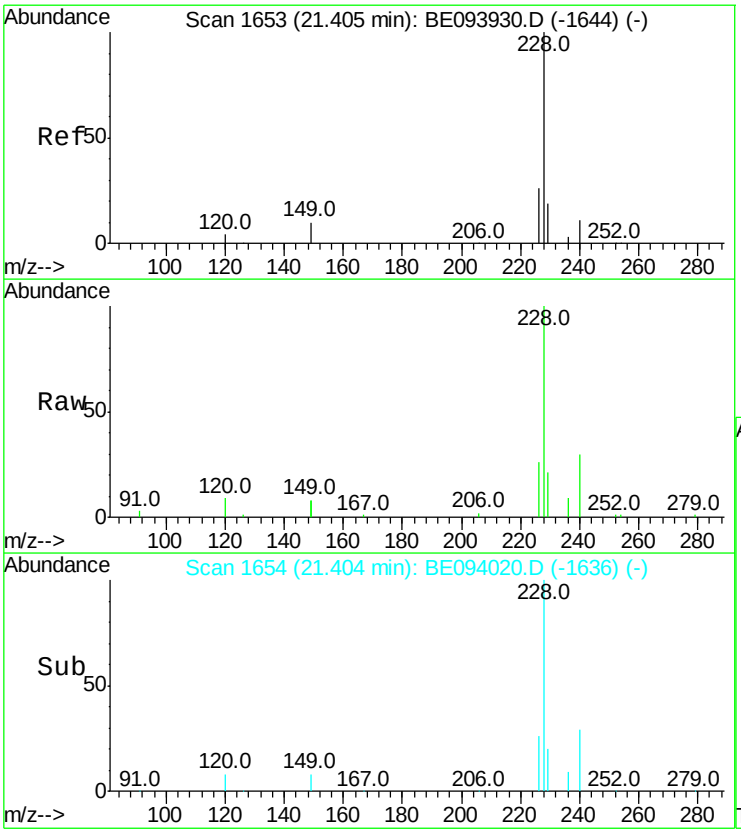
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10620

Ion	Ratio	Lower	Upper
244	100		
212	35.6	28.3	42.5
122	12.9	9.4	14.0

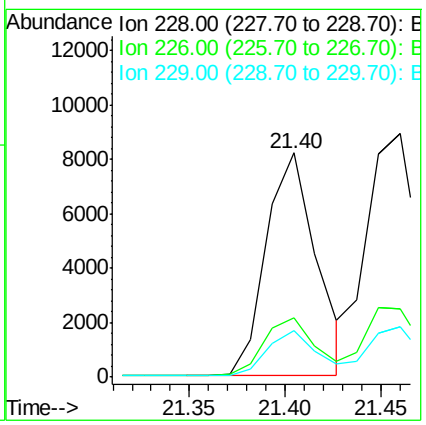


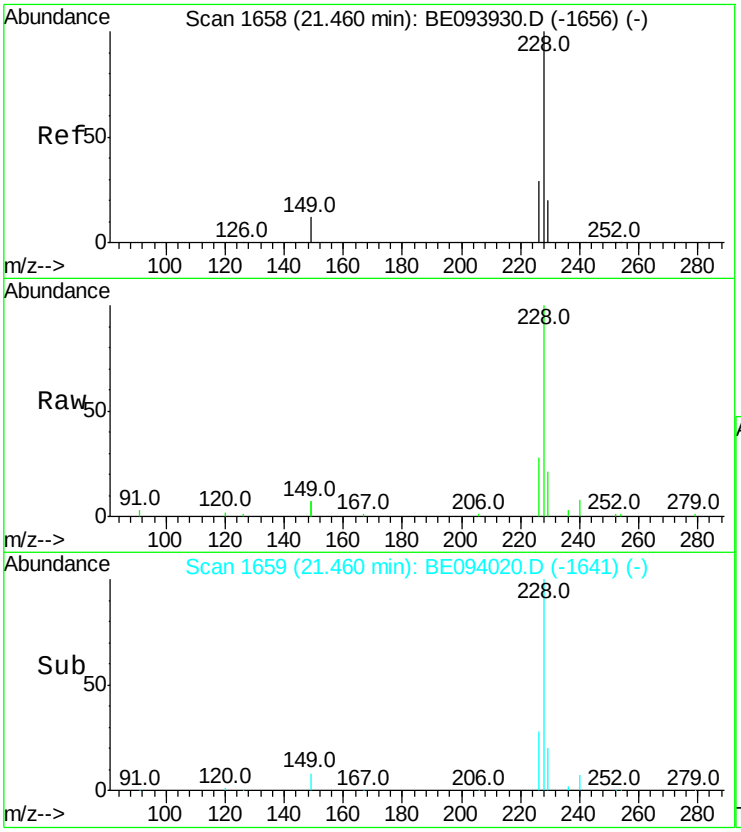


#30
Benzo(a)anthracene
Concen: 0.344 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:228 Resp: 14855

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	20.9	16.6	25.0



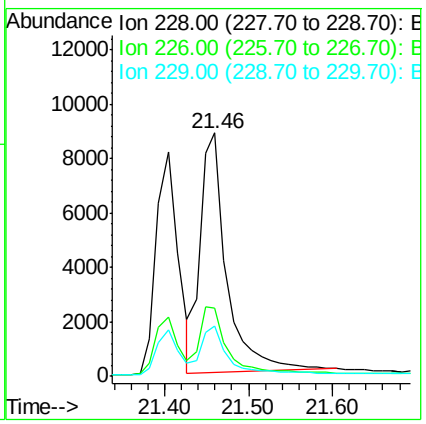


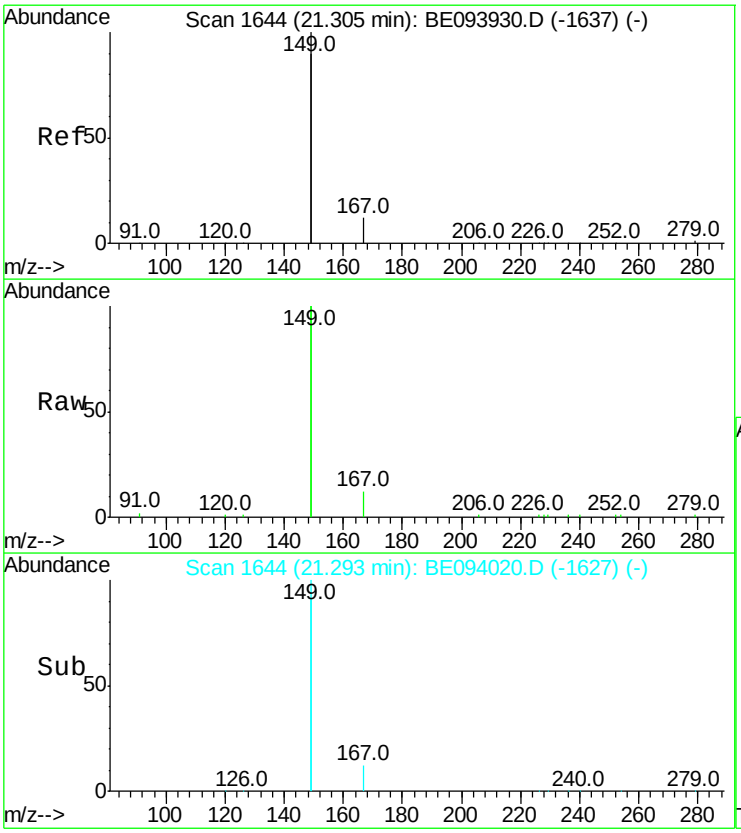
#31
Chrysene
Concen: 0.424 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19401

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.6	37.0
229	20.8	15.8	23.8

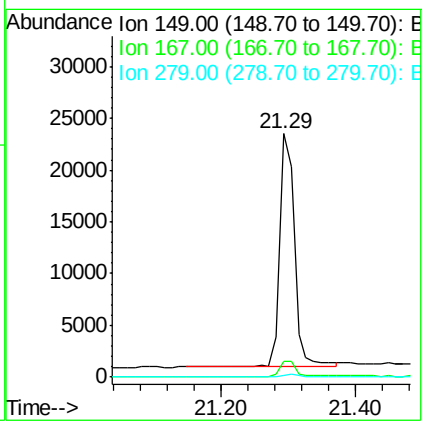


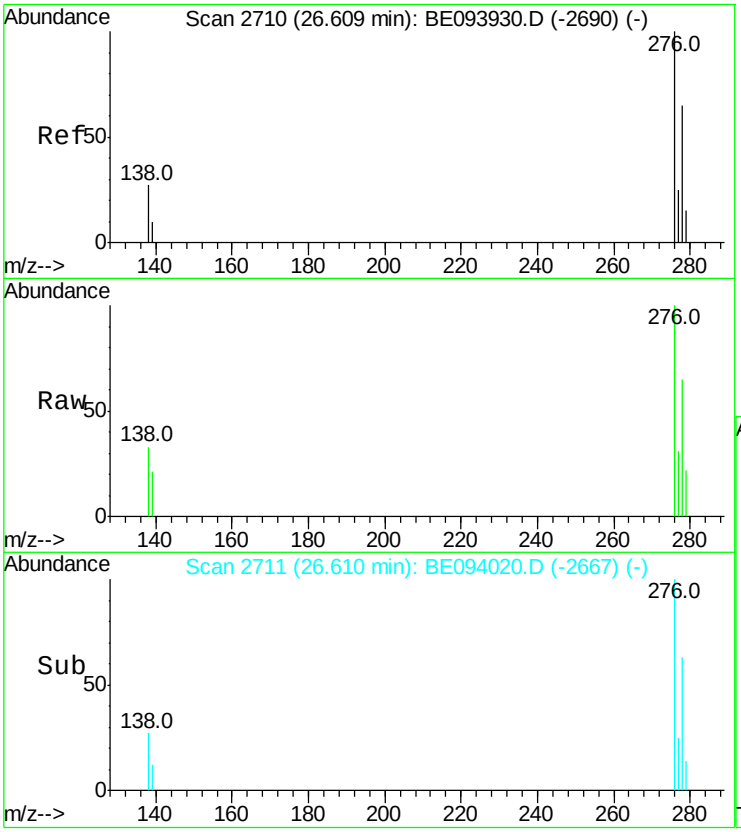


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.328 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:149 Resp: 34381

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



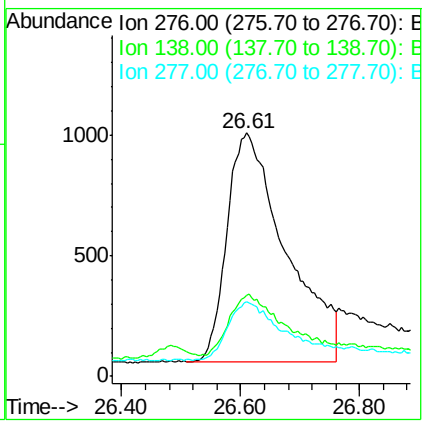


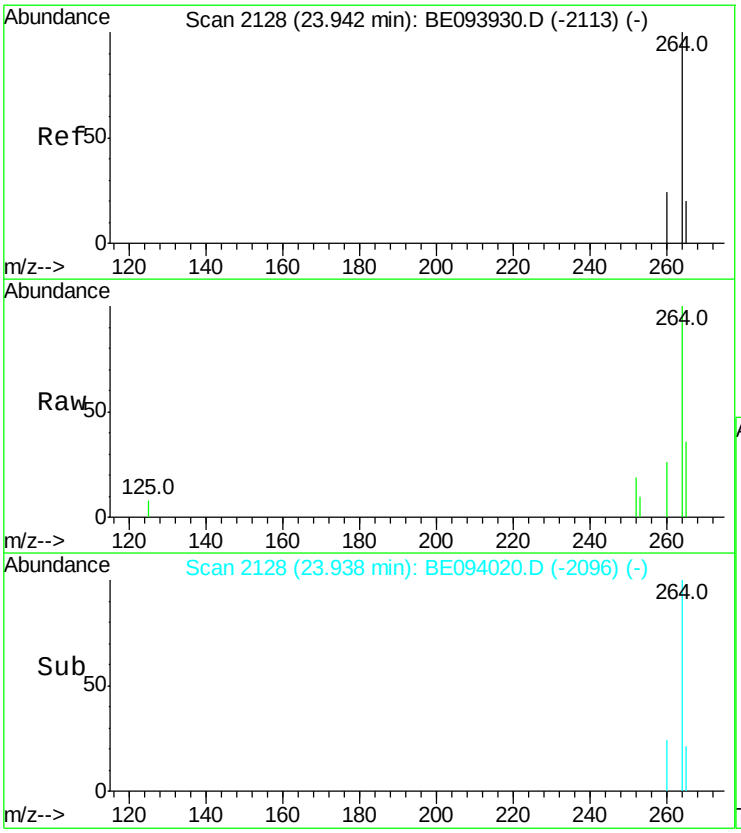
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 26.61 min Scan# 2711
Delta R.T. 0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6564

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.2	33.2
277	25.3	19.5	29.3

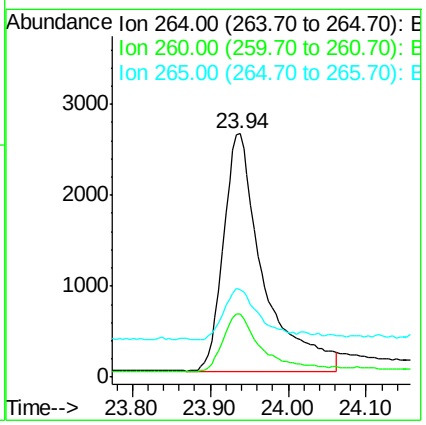


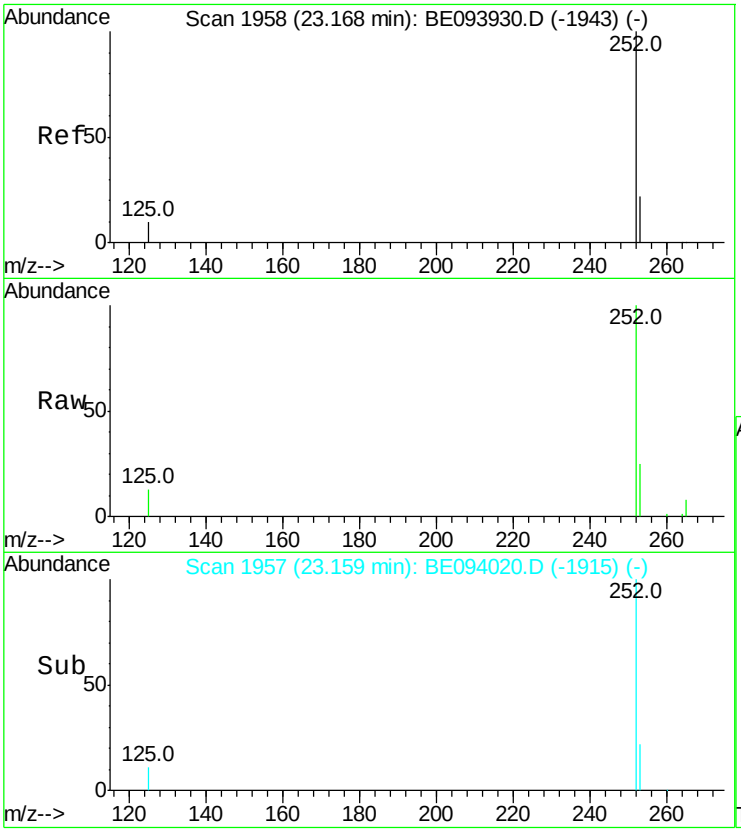


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:264 Resp: 9226

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.0	30.0
265	35.9	24.0	36.0



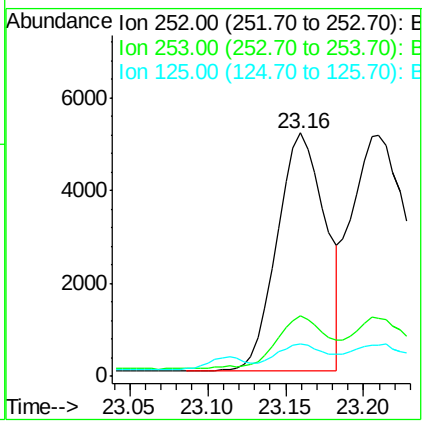


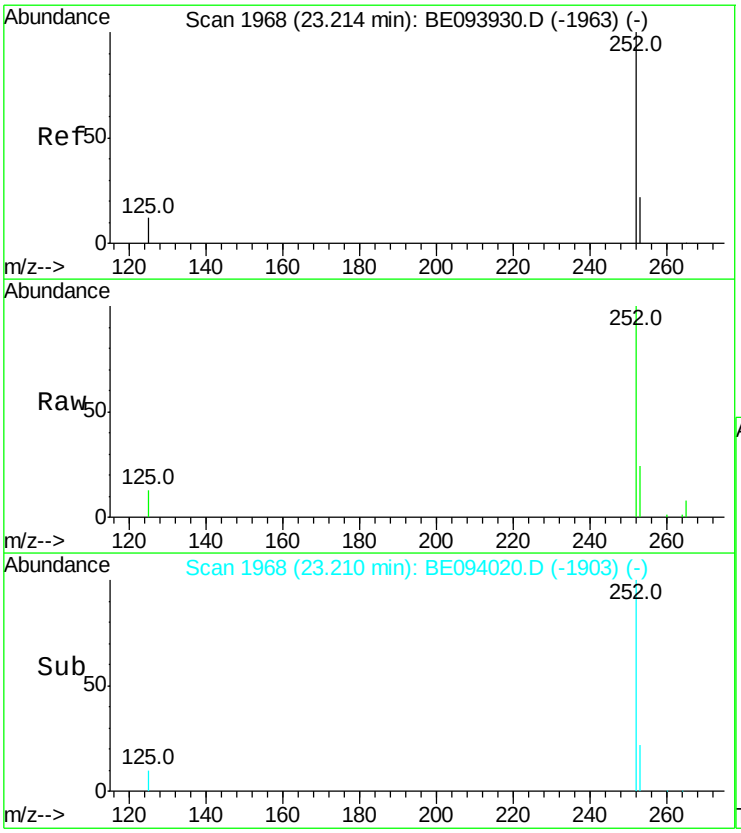
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11040

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	13.3	10.0	15.0

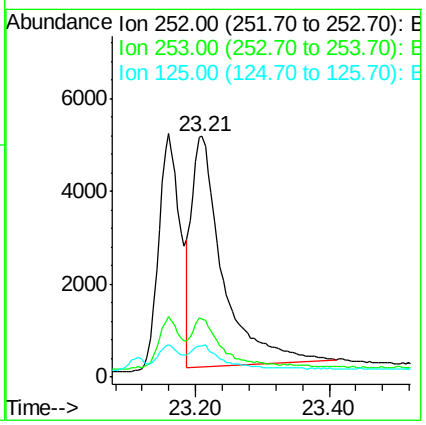


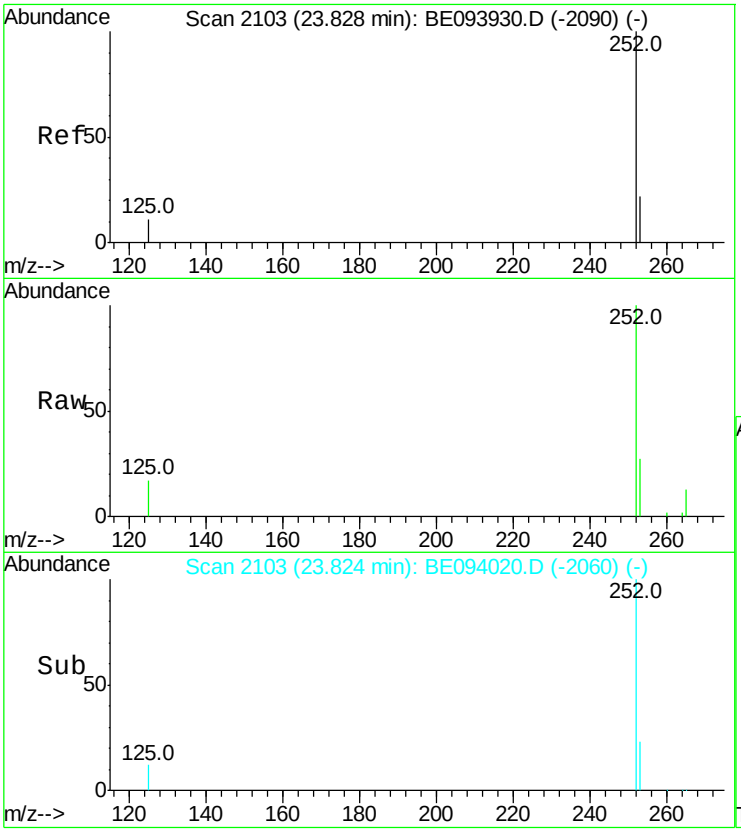


#36
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:252 Resp: 16098

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.1	9.8	14.6



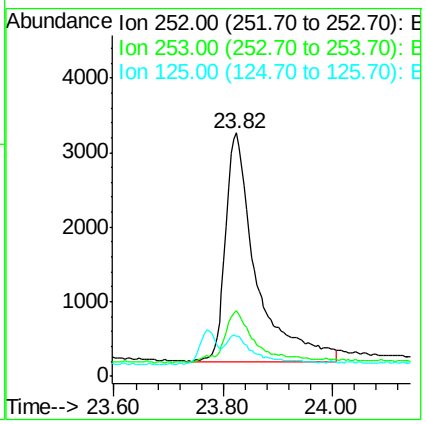


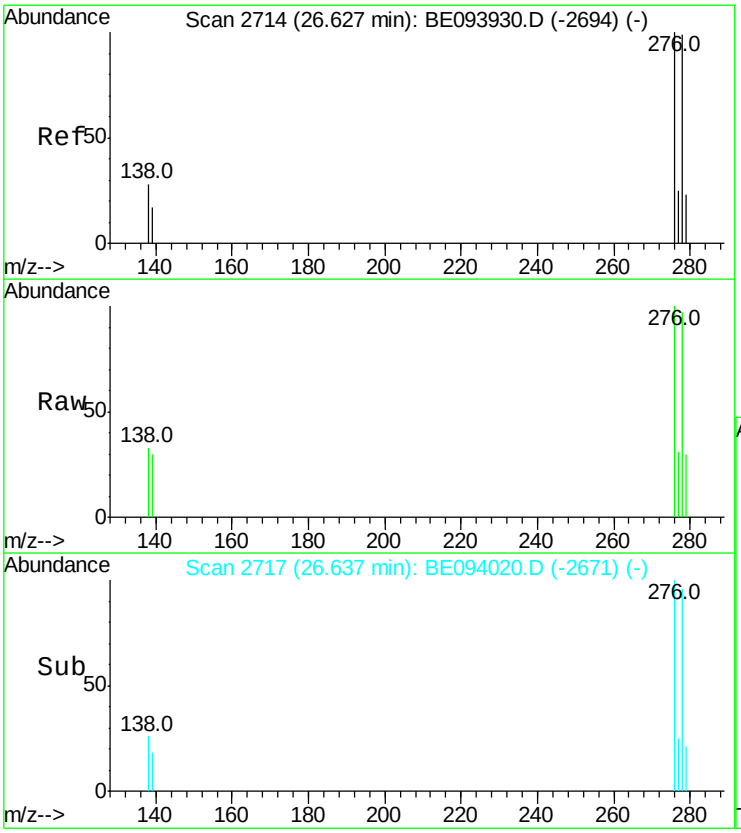
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11941

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.6	29.4
125	16.5	11.8	17.8

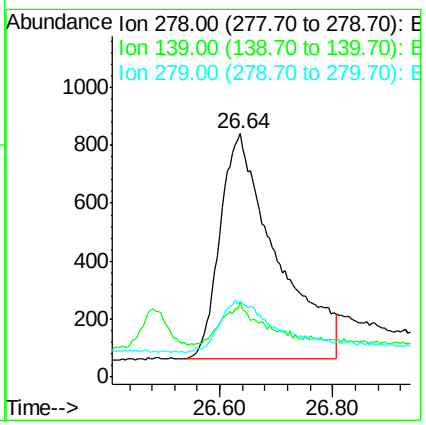


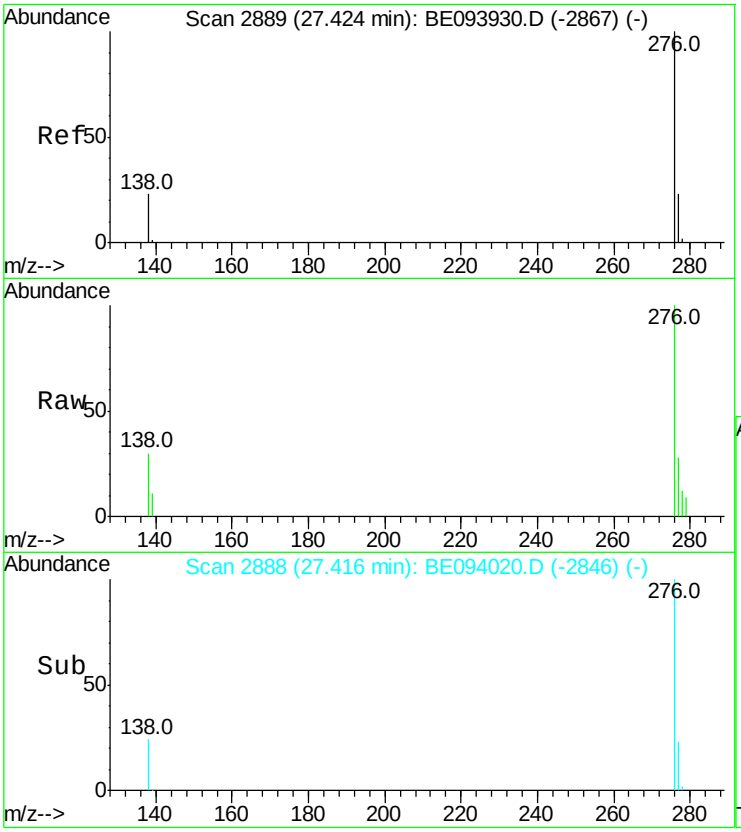


#38
Dibenzo(a,h)anthracene
Concen: 0.268 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Tgt Ion:278 Resp: 5319

Ion	Ratio	Lower	Upper
278	100		
139	30.5	16.7	25.1#
279	31.0	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.314 ng
RT: 27.42 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BE094020.D
Acq: 18 Sep 2017 10:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6579

Ion	Ratio	Lower	Upper
276	100		
277	28.0	20.6	30.8
138	30.1	21.9	32.9