Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
Data File : BE094018.D
Acq On : 15 Sep 2017 16:59
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 18 14:23:54 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	2262	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	11539	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	6359	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11948	0.40	ng		0.00
27) Chrysene-d12	21.41	240	14340	0.40	ng		-0.01
34) Perylene-d12	23.93	264	10007	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	2822	0.39	ng		-0.01
5) Phenol-d6	7.11	99	4147	0.38	ng		0.00
8) Nitrobenzene-d5	9.08	82	3803	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	7468	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	681	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	10308	0.41	ng		0.00
25) Fluoranthene-d10	19.28	212	65464	0.37	ng		0.00
29) Terphenyl-d14	19.87	244	10605	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	1421	0.456	ng		94
3) n-Nitrosodimethylamine	3.75	42	1454	0.398	ng	#	97
6) bis(2-Chloroethyl)ether	7.34	93	3577	0.399	ng		90
9) Naphthalene	10.76	128	53129	0.402	ng		100
10) Hexachlorobutadiene	11.03	225	1841	0.383	ng		98
12) 2-Methylnaphthalene	12.36	142	8801	0.401	ng		99
16) Acenaphthylene	14.24	152	12335	0.389	ng		99
17) Acenaphthene	14.58	154	8635	0.403	ng		98
18) Fluorene	15.58	166	10943	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2734	0.393	ng		85
21) Hexachlorobenzene	16.58	284	2268	0.321	ng	#	100
22) Pentachlorophenol	16.94	266	677	0.357	ng		96
23) Phenanthrene	17.30	178	17900	0.468	ng	#	100
24) Anthracene	17.40	178	10965	0.301	ng	#	56
26) Fluoranthene	19.31	202	19568	0.367	ng		100
28) Pyrene	19.67	202	20248	0.410	ng		99
30) Benzo(a)anthracene	21.40	228	15801	0.359	ng		99
31) Chrysene	21.46	228	19368	0.416	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	33916	0.317	ng		99
33) Indeno(1,2,3-cd)pyrene	26.61	276	7623	0.245	ng		93
35) Benzo(b)fluoranthene	23.16	252	12236	0.384	ng		99
36) Benzo(k)fluoranthene	23.21	252	17684	0.453	ng		97
37) Benzo(a)pyrene	23.82	252	13015	0.401	ng		97
38) Dibenzo(a,h)anthracene	26.63	278	6036	0.280	ng	#	90
39) Benzo(g,h,i)perylene	27.42	276	6996	0.308	ng		95

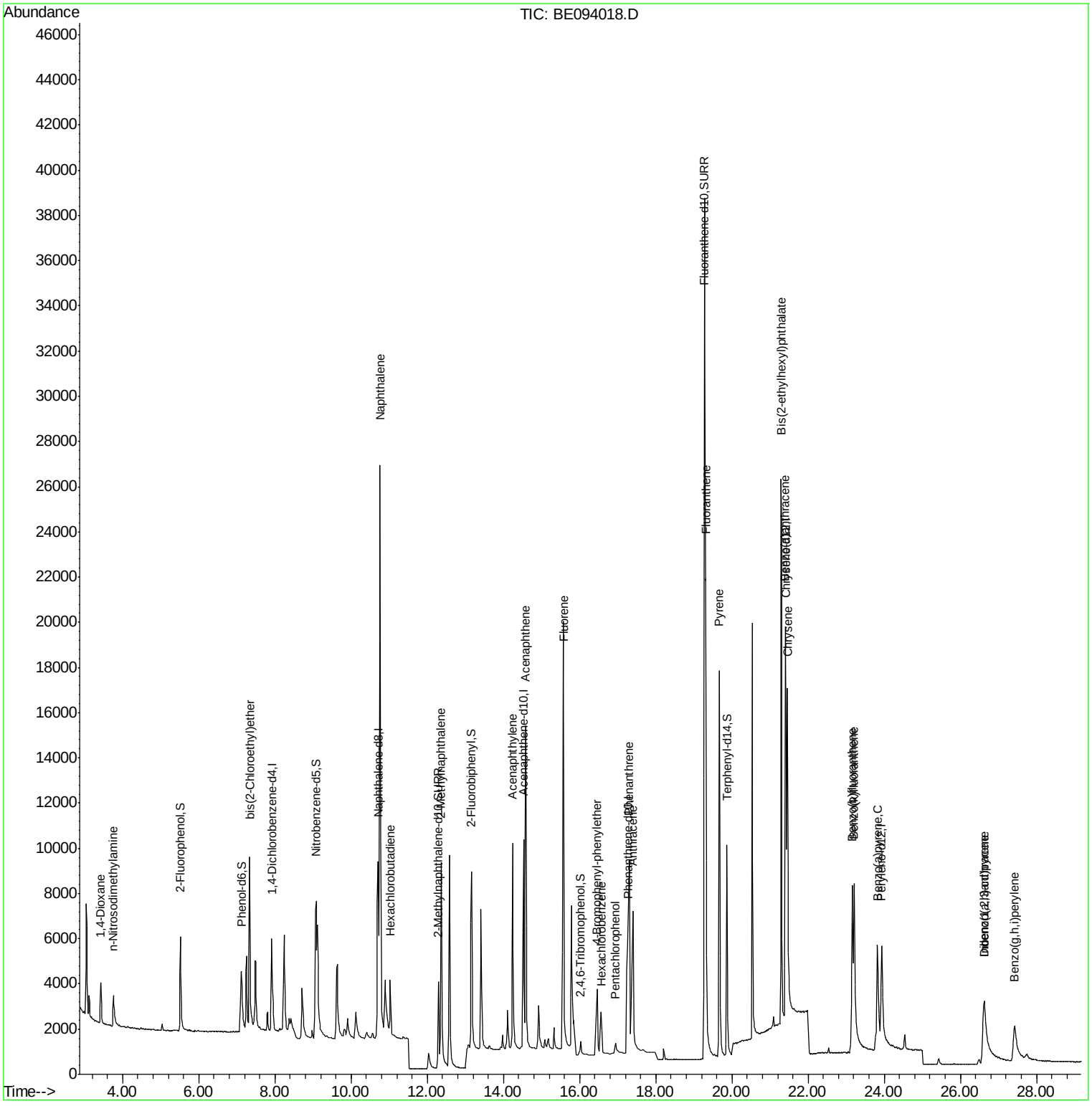
(#) = qualifier out of range (m) = manual integration (+) = signals summed

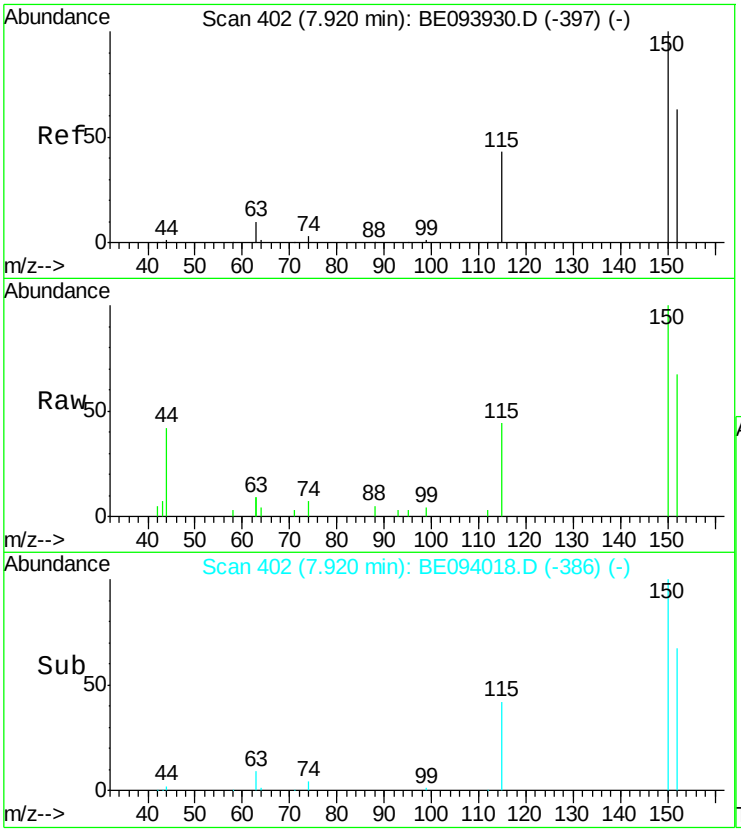
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
Data File : BE094018.D
Acq On : 15 Sep 2017 16:59
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 18 14:23:54 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



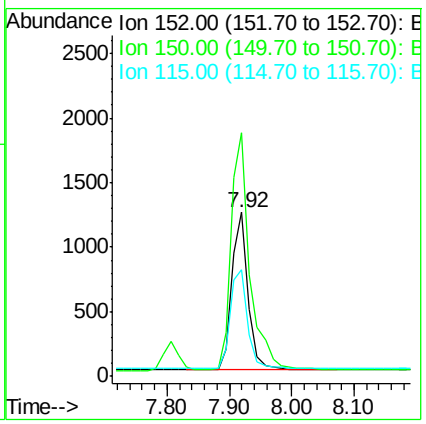


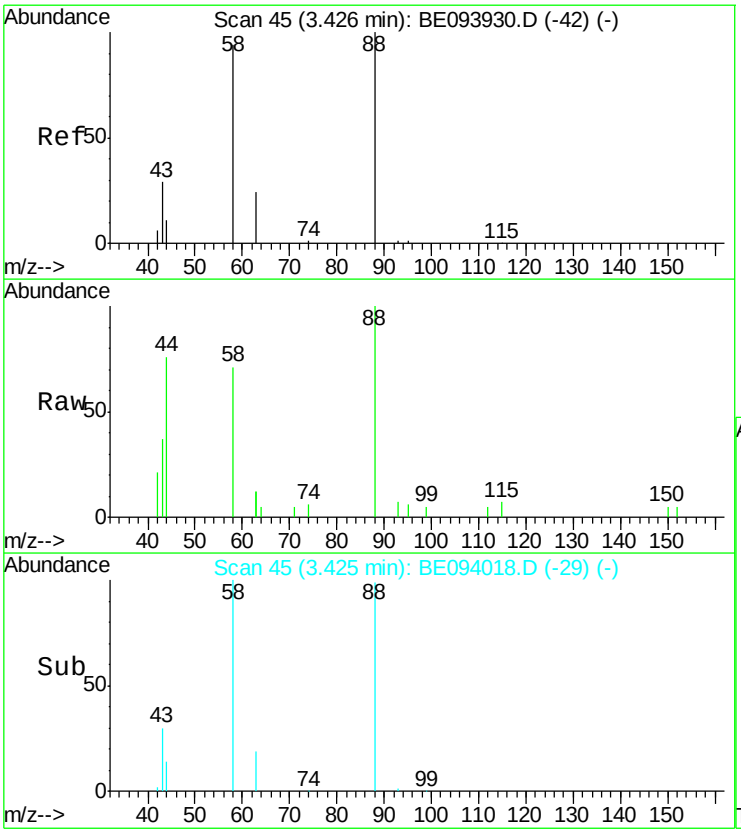
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2262

Ion	Ratio	Lower	Upper
152	100		
150	148.4	121.8	182.6
115	65.2	52.6	79.0

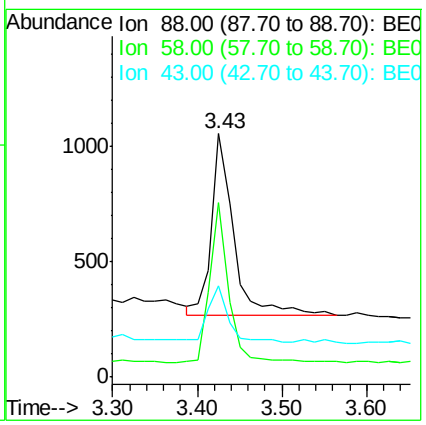


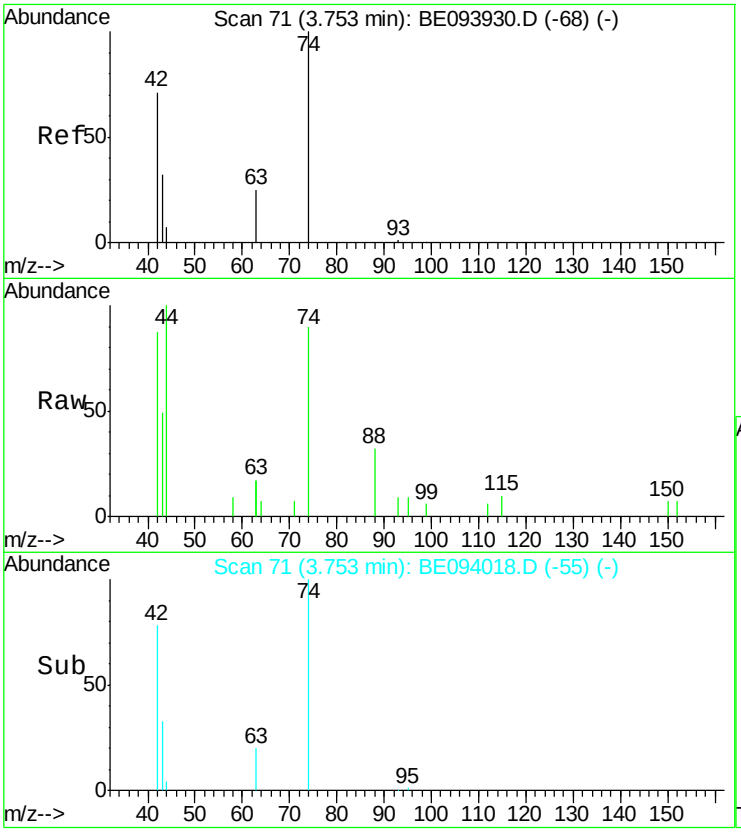


#2
1,4-Dioxane
Concen: 0.456 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion: 88 Resp: 1421

Ion	Ratio	Lower	Upper
88	100		
58	74.9	65.4	98.0
43	28.7	23.9	35.9



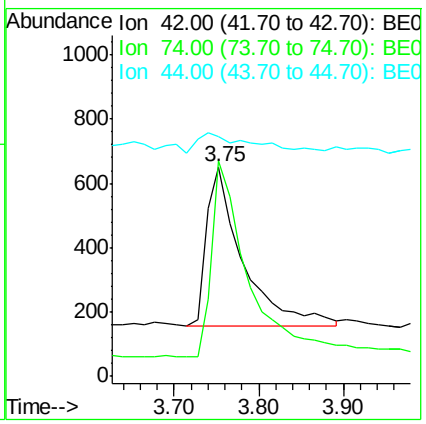


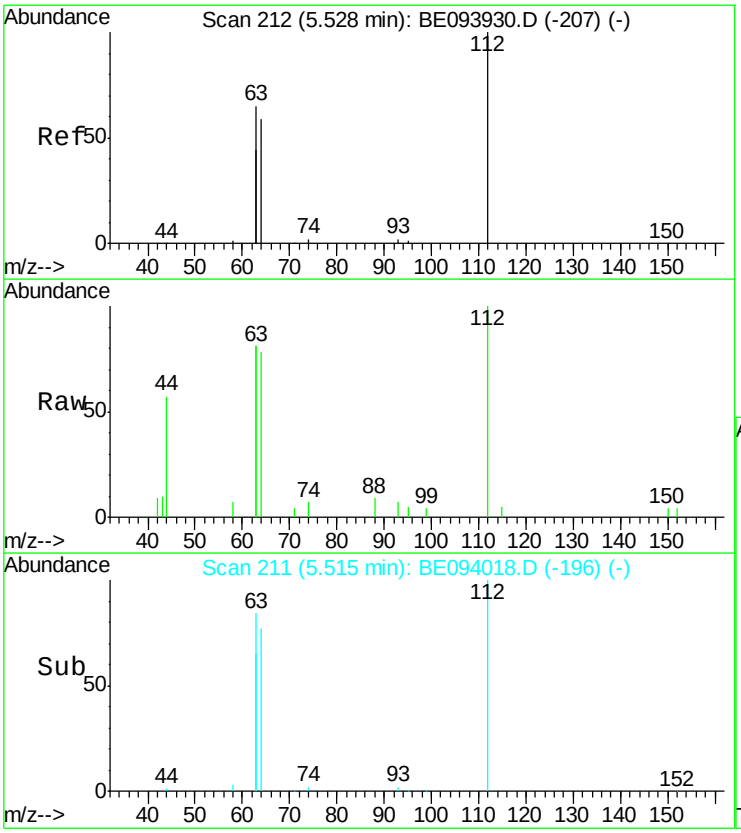
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1454

Ion	Ratio	Lower	Upper
42	100		
74	128.0	104.0	156.0
44	21.5	13.8	20.8#

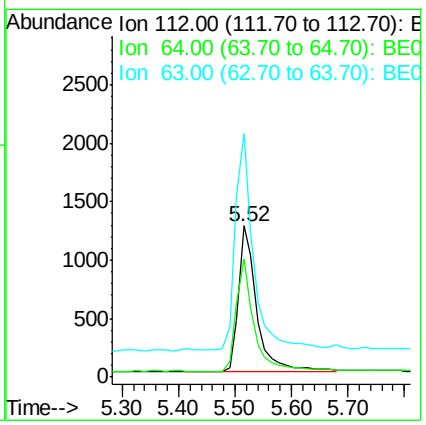


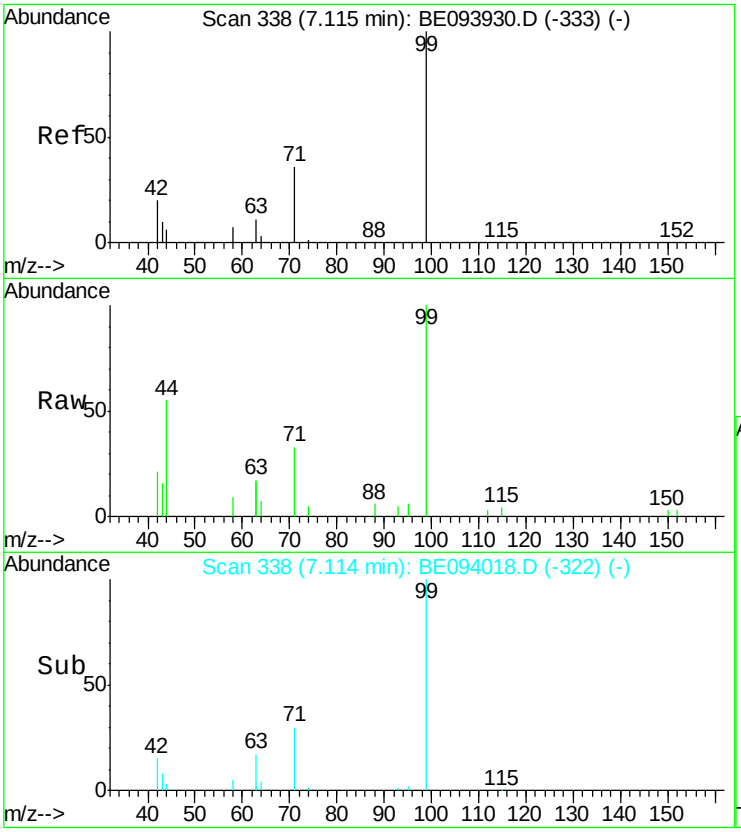


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:112 Resp: 2822

Ion	Ratio	Lower	Upper
112	100		
64	75.5	57.7	86.5
63	149.0	116.0	174.0



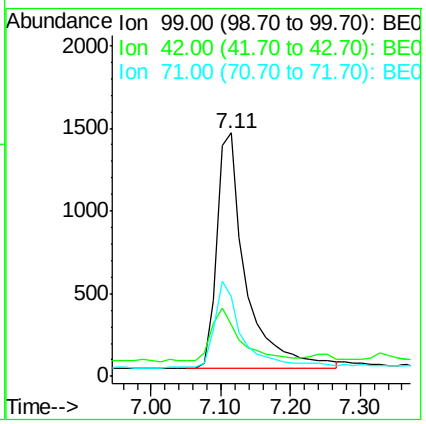


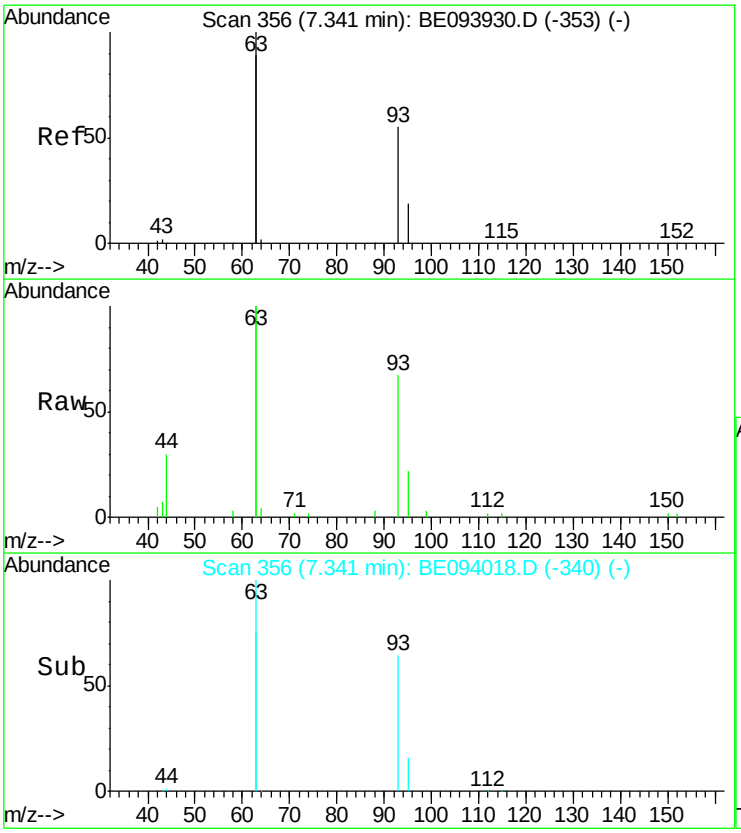
#5
Phenol-d6
Concen: 0.378 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4147

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	35.3	26.6	39.8

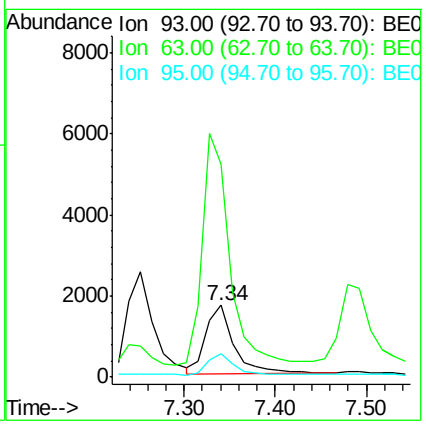


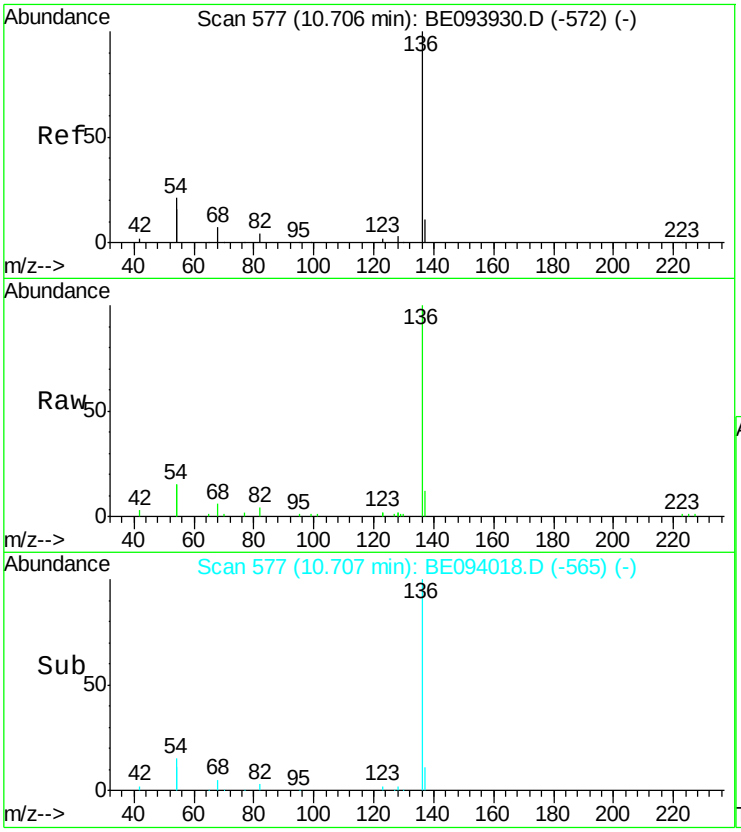


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion: 93 Resp: 3577

Ion	Ratio	Lower	Upper
93	100		
63	331.4	283.4	425.2
95	29.7	26.9	40.3



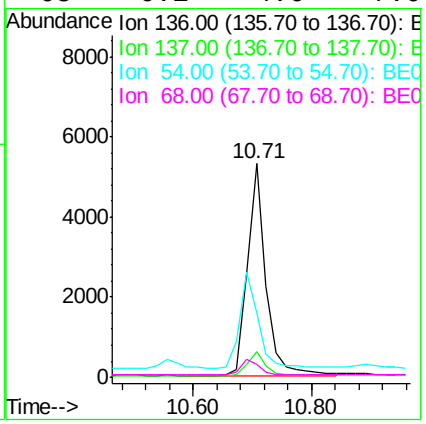


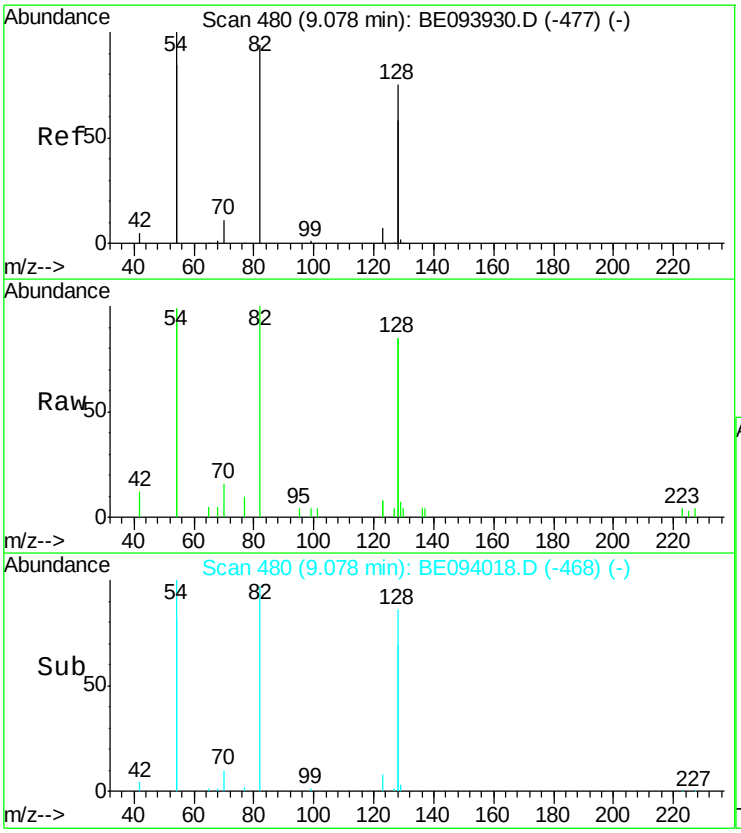
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11539

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	30.1	21.9	32.9
68	6.1	4.6	7.0

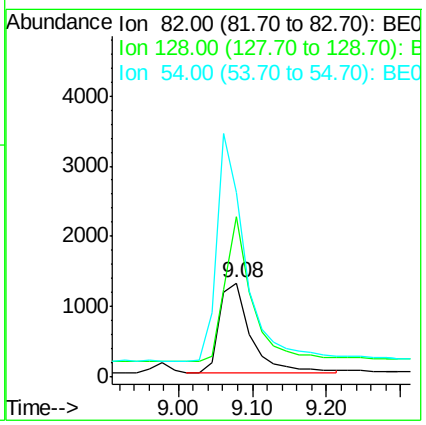


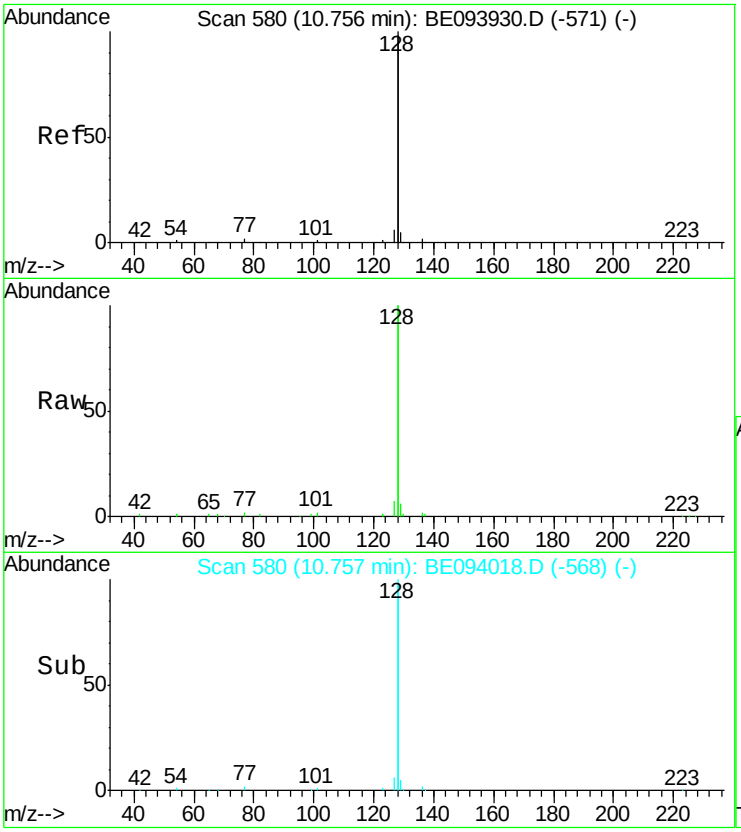


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion: 82 Resp: 3803

Ion	Ratio	Lower	Upper
82	100		
128	170.4	91.4	137.0#
54	197.2	197.8	296.8#



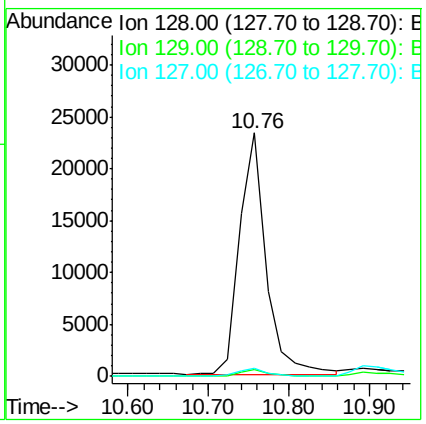


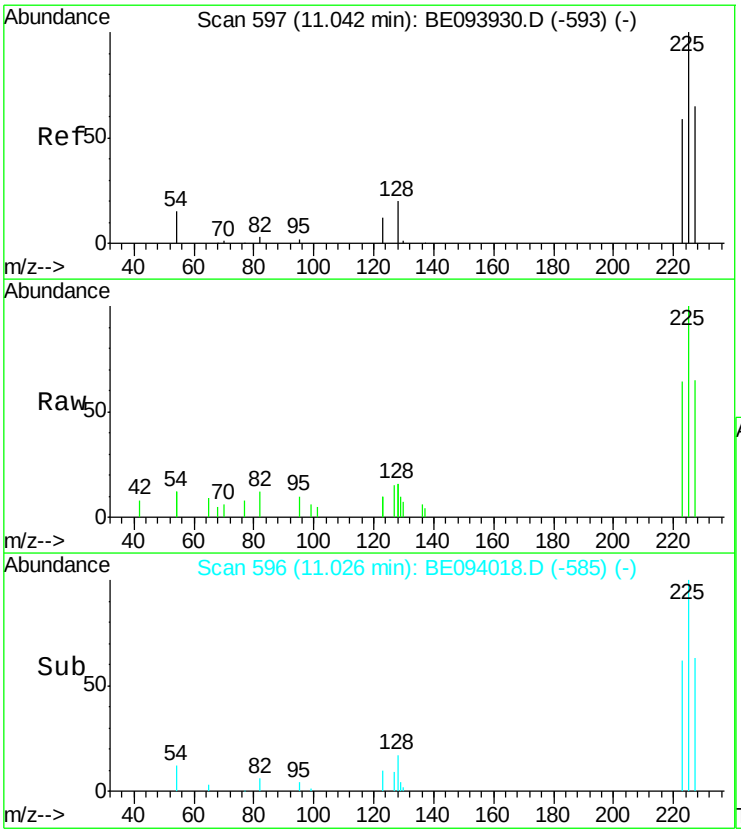
#9
Naphthalene
Concen: 0.402 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 53129

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

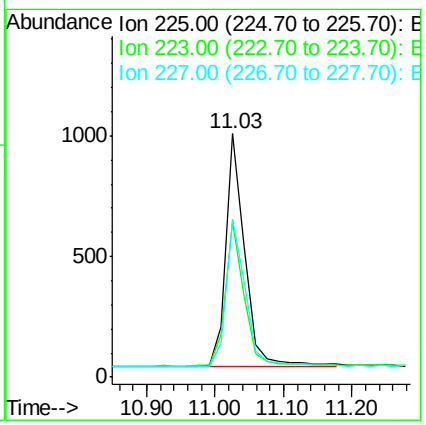


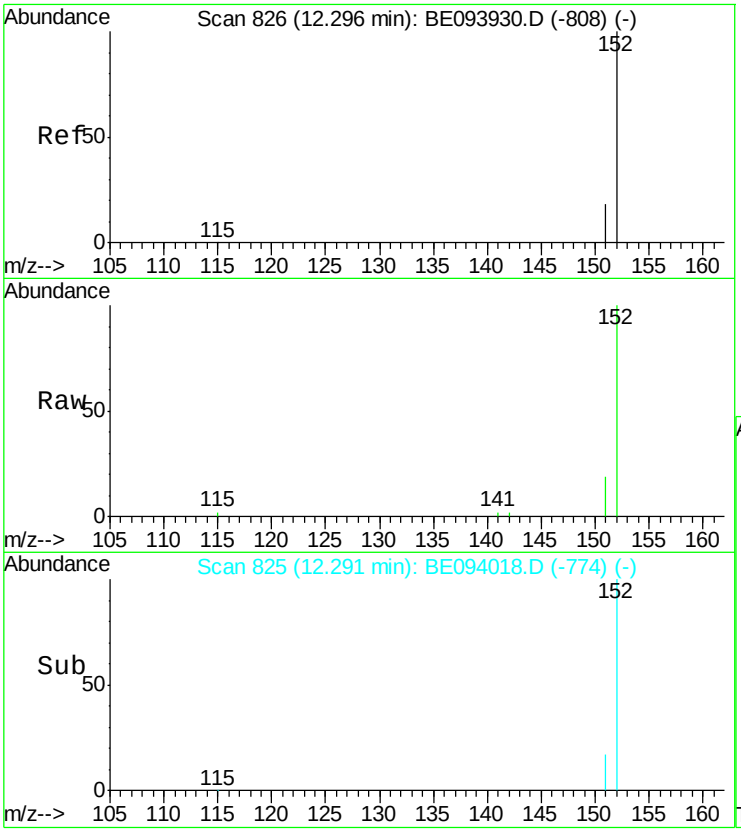


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.02 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:225 Resp: 1841

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.0
227	65.3	50.5	75.7



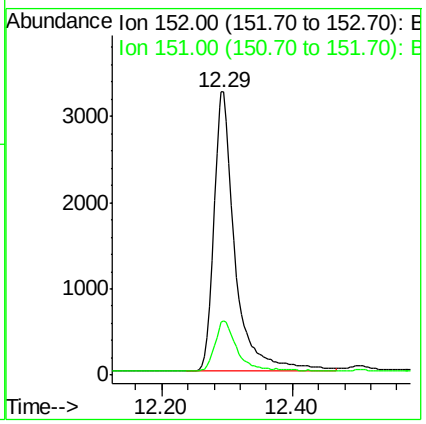


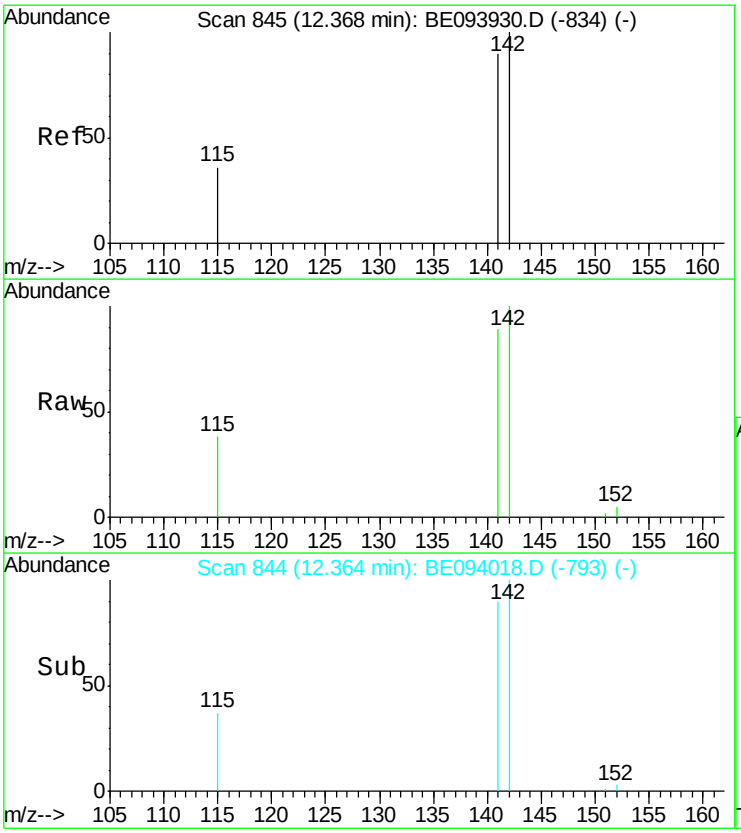
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.29 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7468

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.0

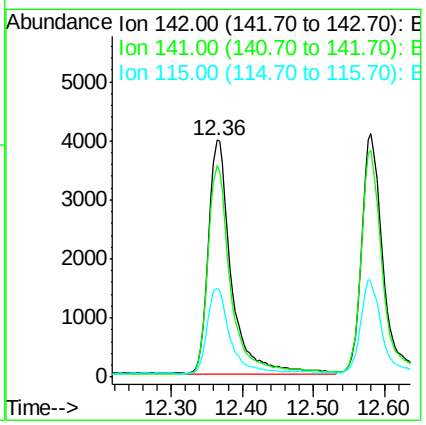


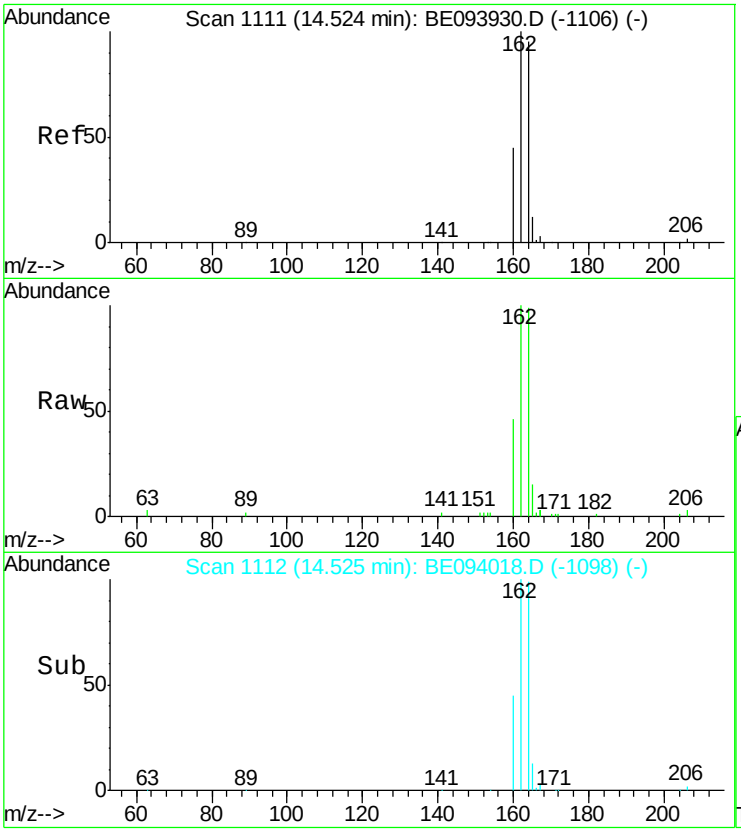


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.36 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:142 Resp: 8801

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	37.7	29.4	44.0



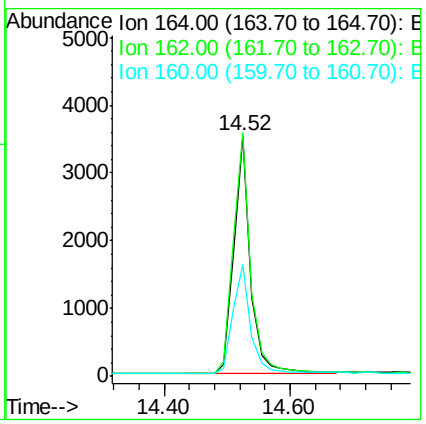


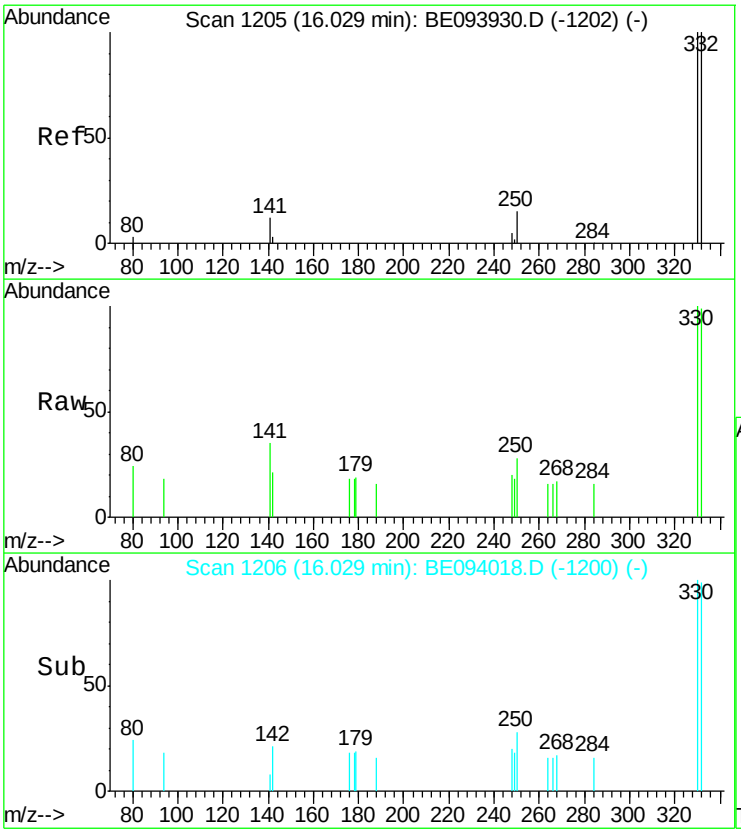
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6359

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	46.3	37.0	55.4

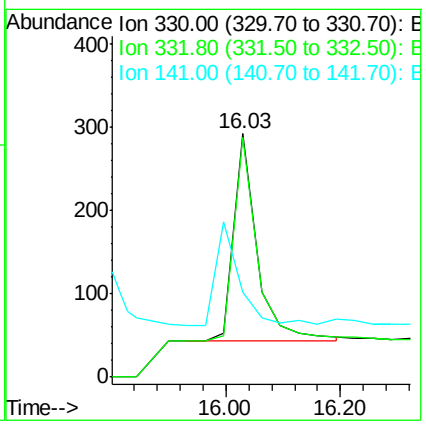


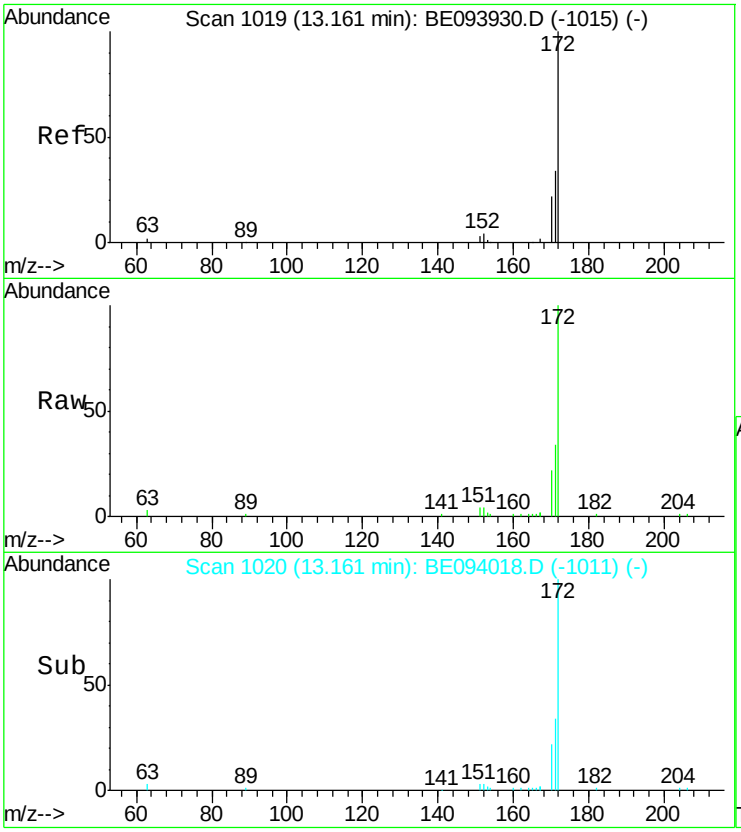


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:330 Resp: 681

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	0.0	0.0	0.0



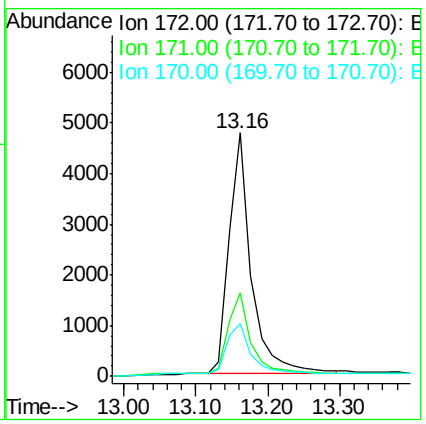


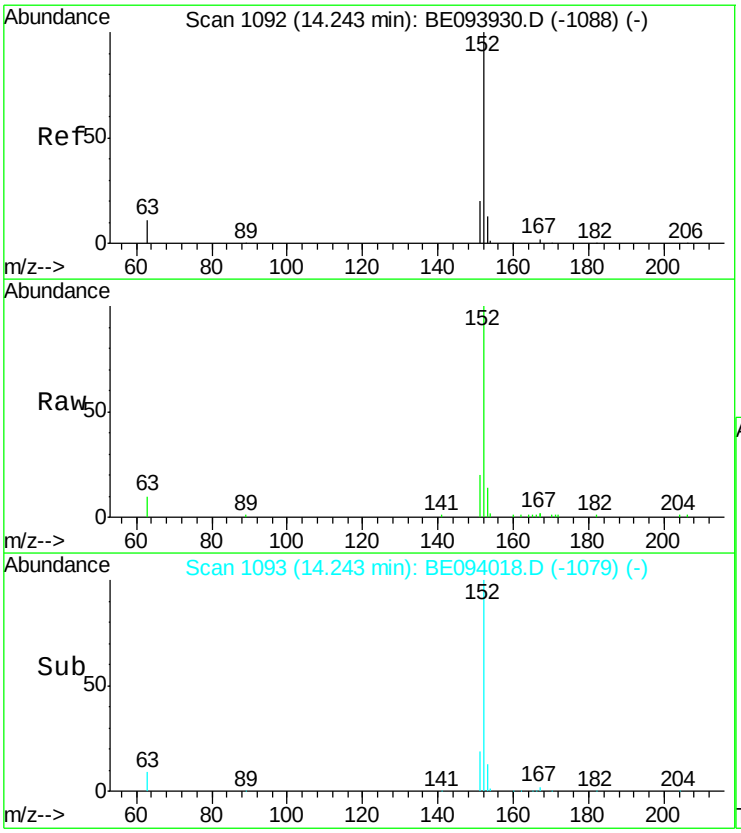
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10308

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.9	40.3
170	22.0	17.3	25.9

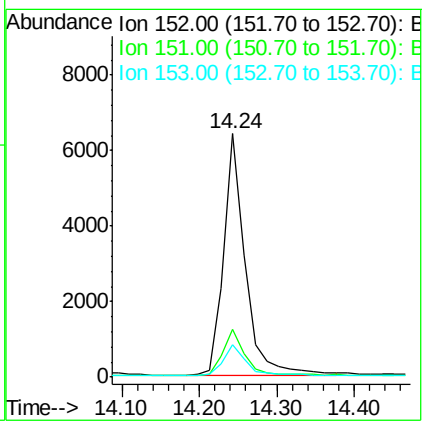


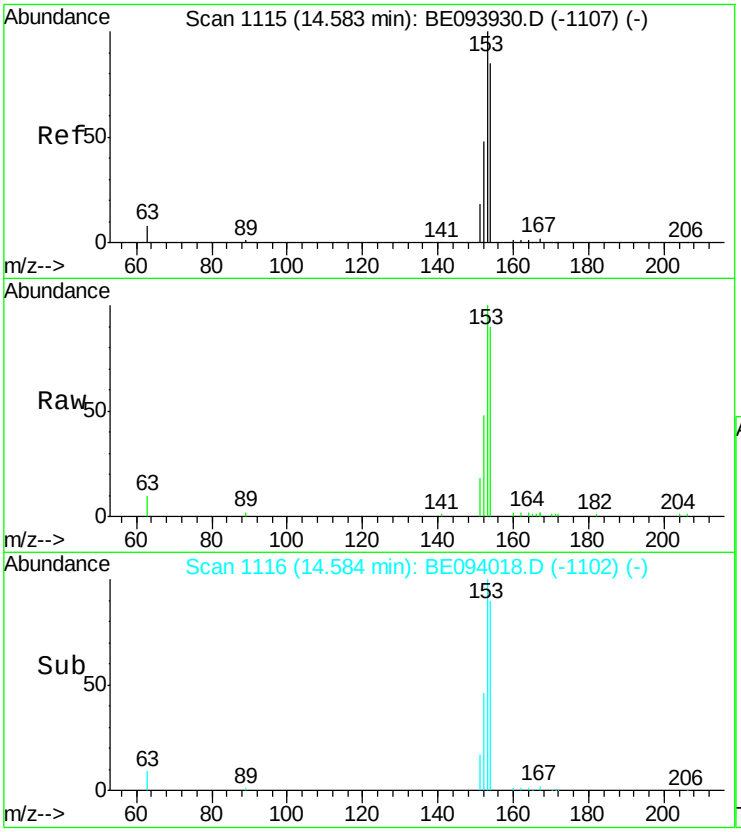


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:152 Resp: 12335

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



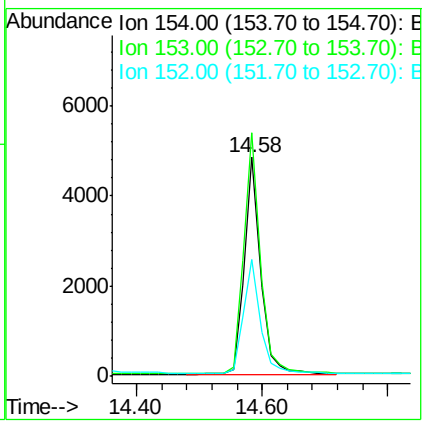


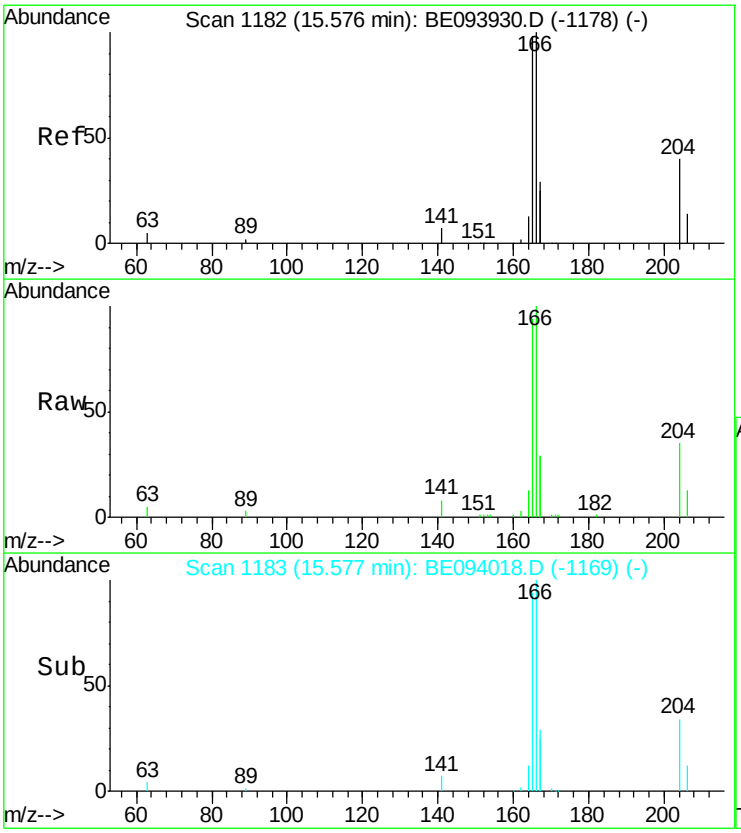
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8635

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.8	137.6
152	53.3	44.9	67.3

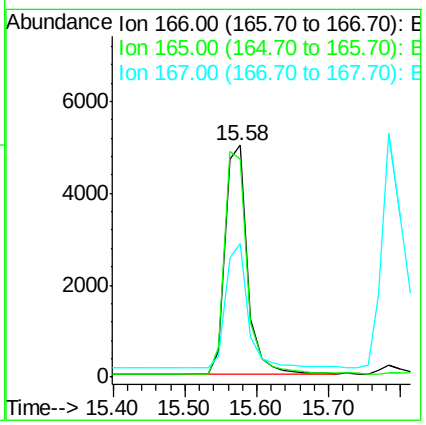


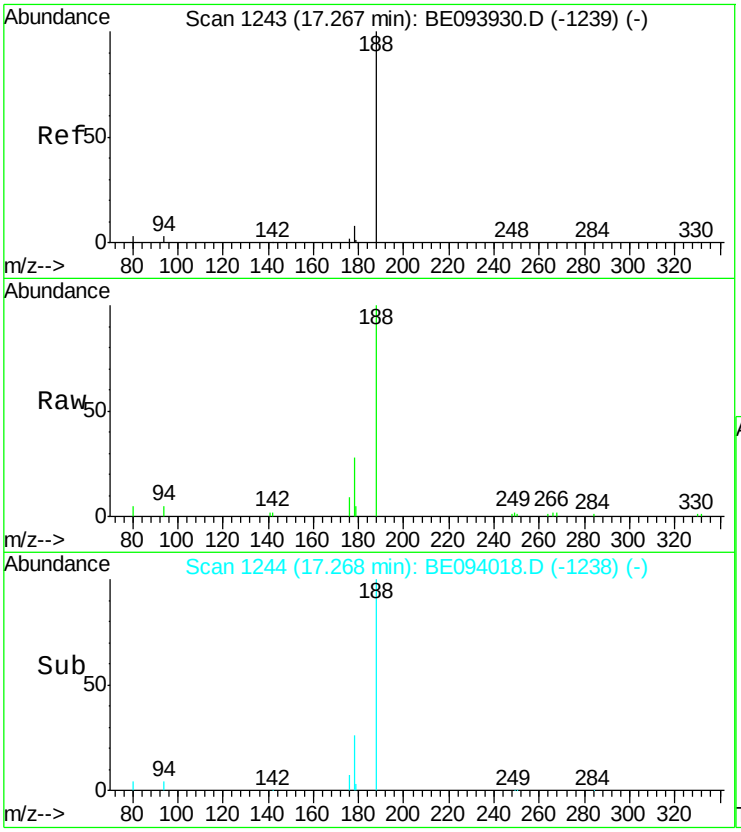


#18
Fluorene
Concen: 0.395 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:166 Resp: 10943

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	53.1	43.5	65.3



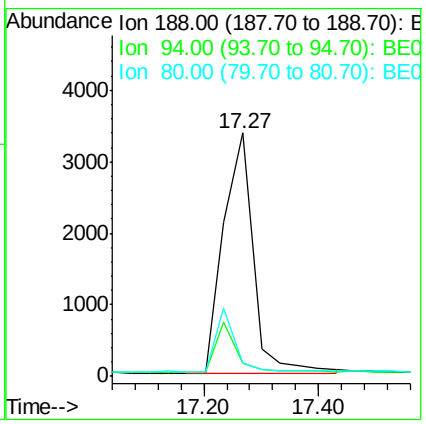


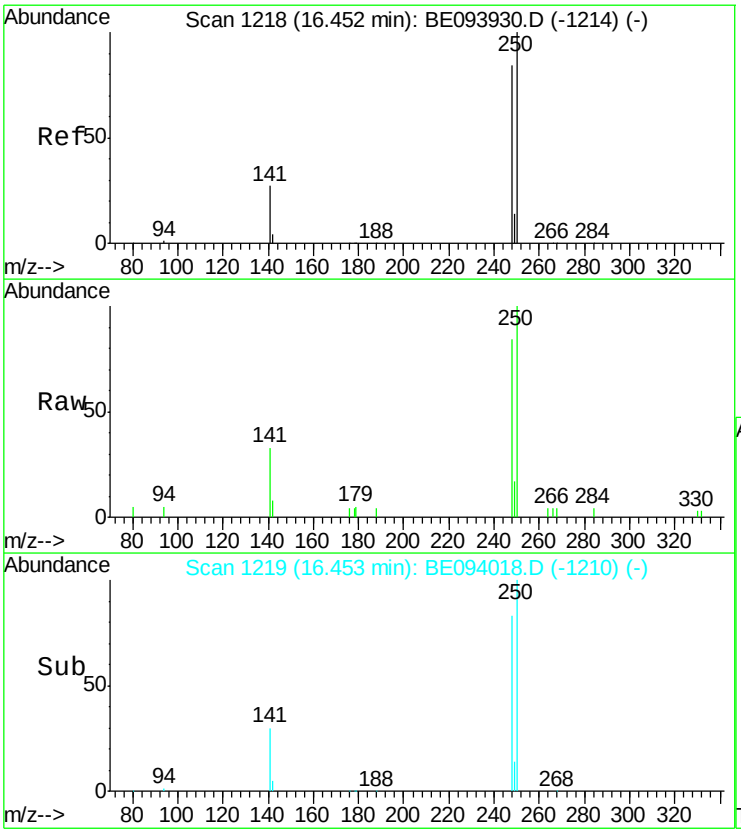
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11948

Ion	Ratio	Lower	Upper
188	100		
94	5.4	16.1	24.1#
80	5.5	18.2	27.2#

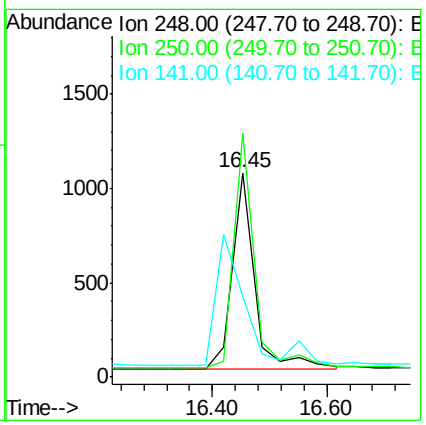


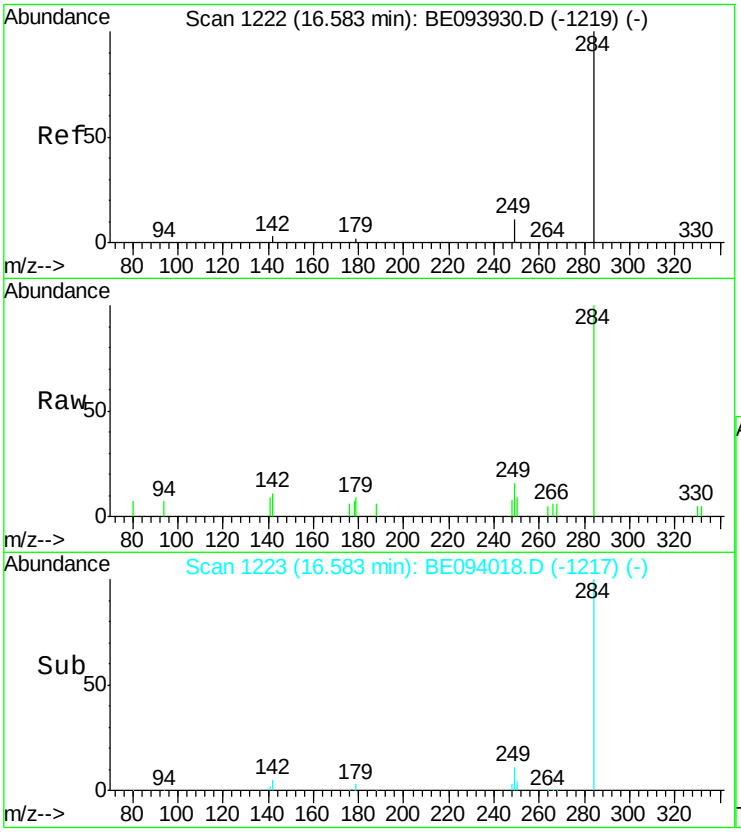


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:248 Resp: 2734

Ion	Ratio	Lower	Upper
248	100		
250	119.4	111.8	167.8
141	39.8	27.1	40.7



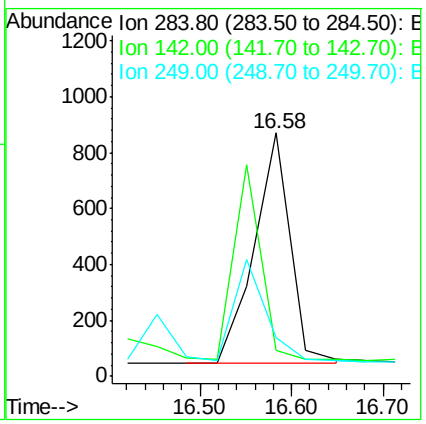


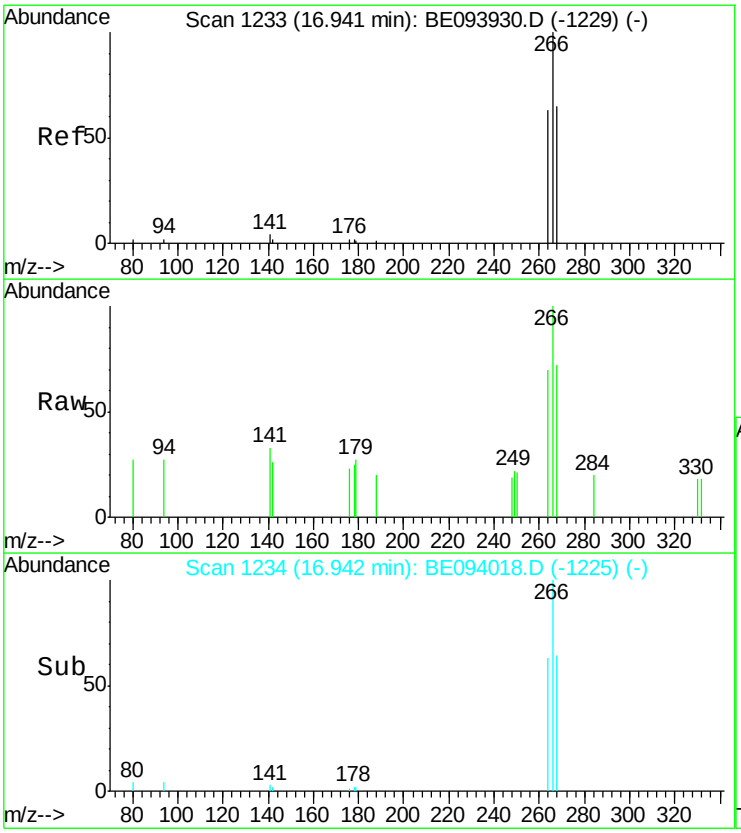
#21
Hexachlorobenzene
Concen: 0.321 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2268

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

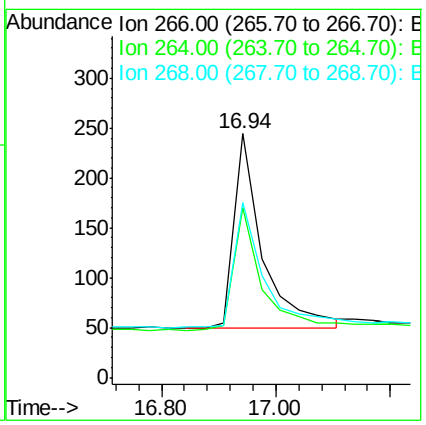


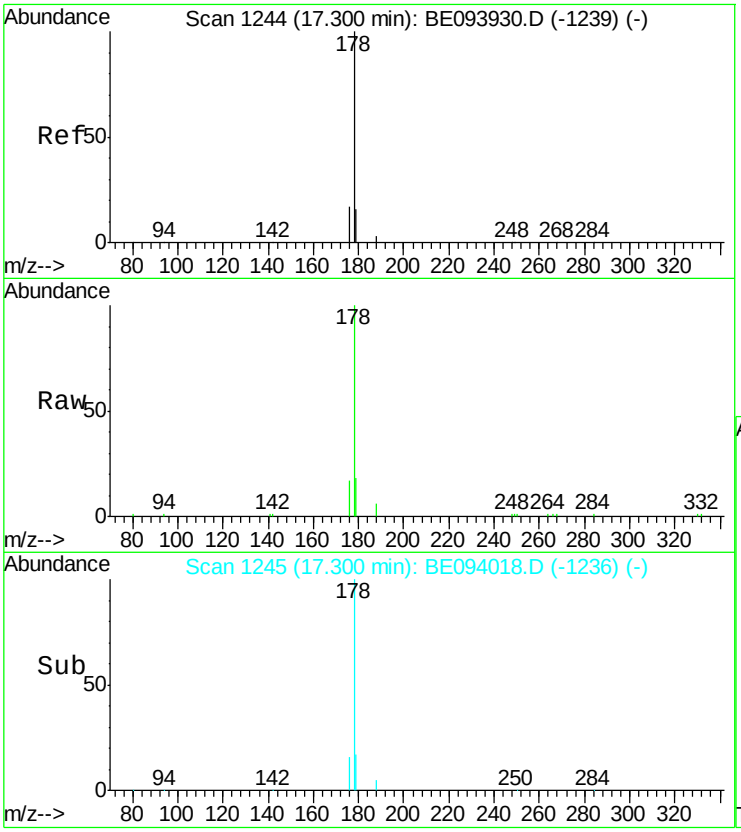


#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:266 Resp: 677

Ion	Ratio	Lower	Upper
266	100		
264	69.7	53.5	80.3
268	71.7	60.0	90.0



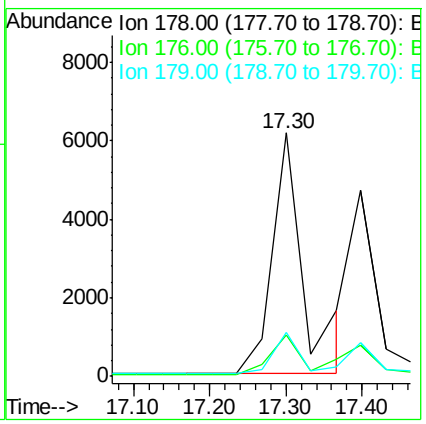


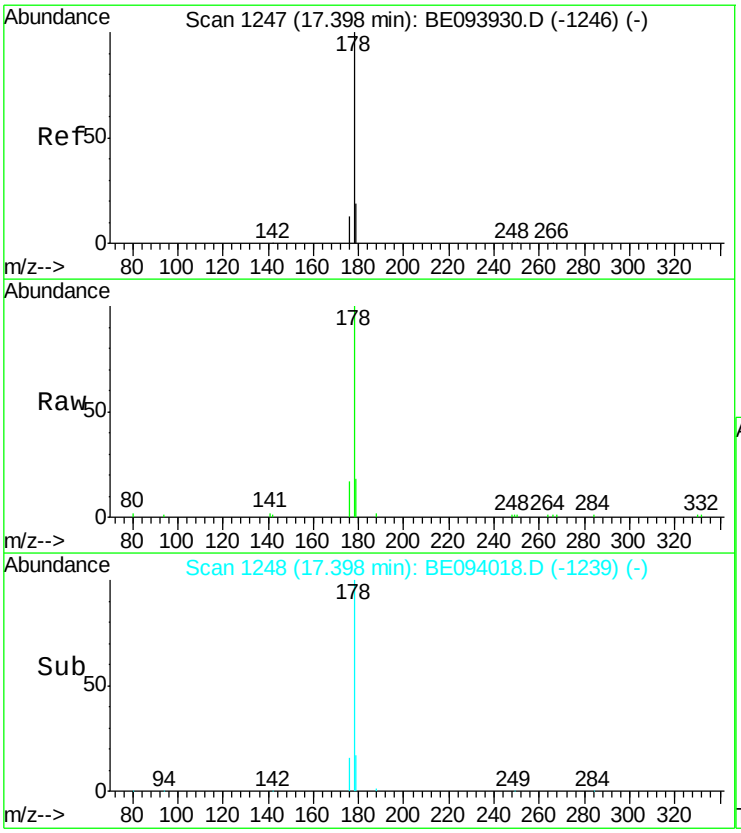
#23
Phenanthrene
Concen: 0.468 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17900

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	15.5	12.6	18.8

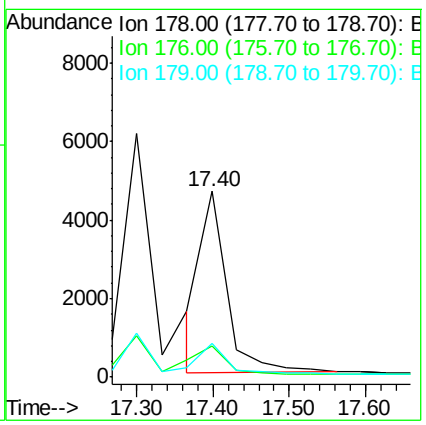


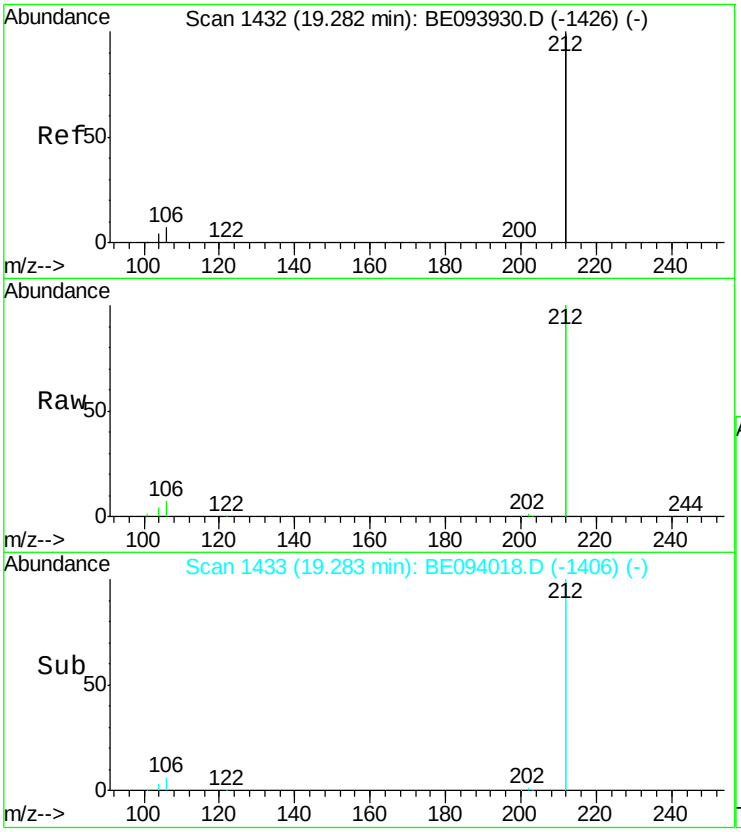


#24
Anthracene
Concen: 0.301 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:178 Resp: 10965

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



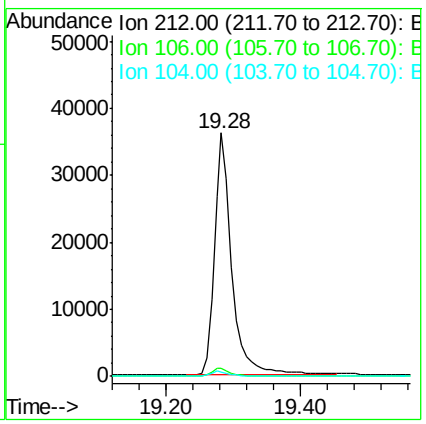


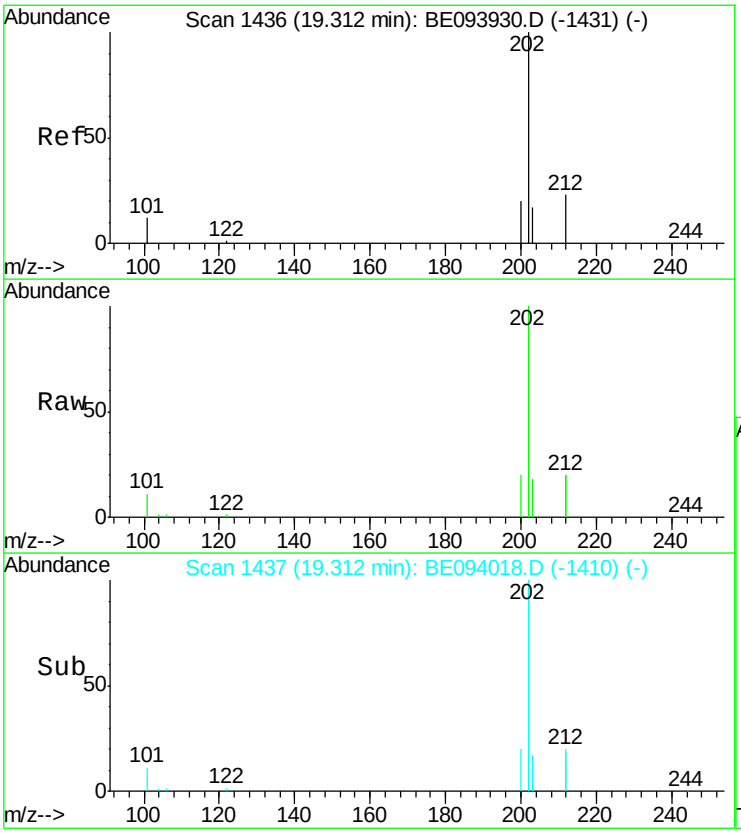
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 65464

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.7	4.1
104	1.9	1.6	2.4

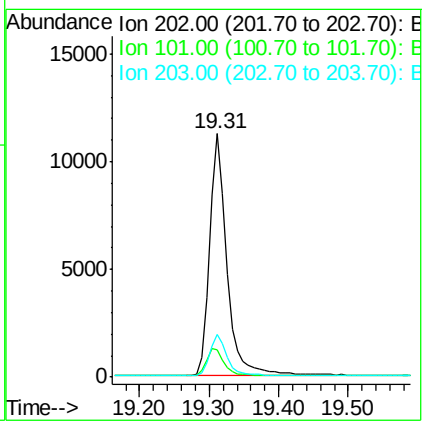


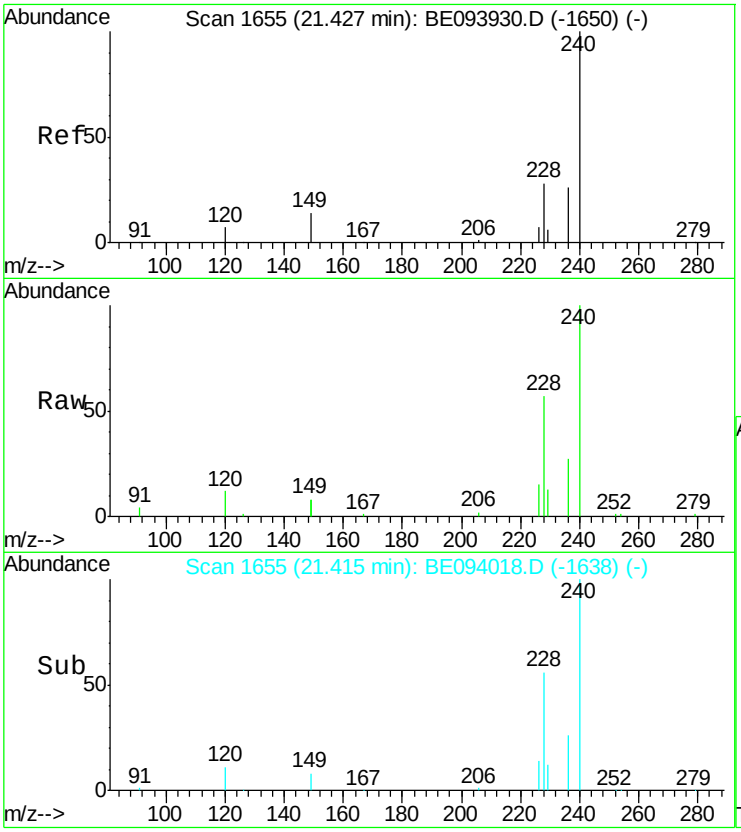


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:202 Resp: 19568

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.0	13.7	20.5



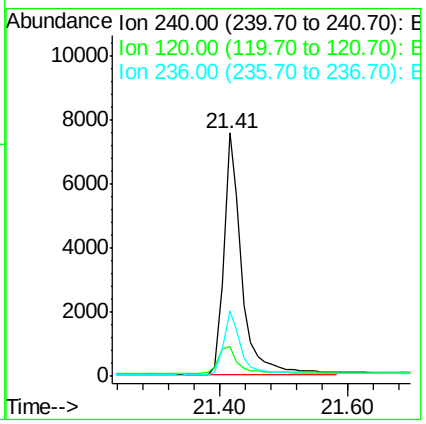


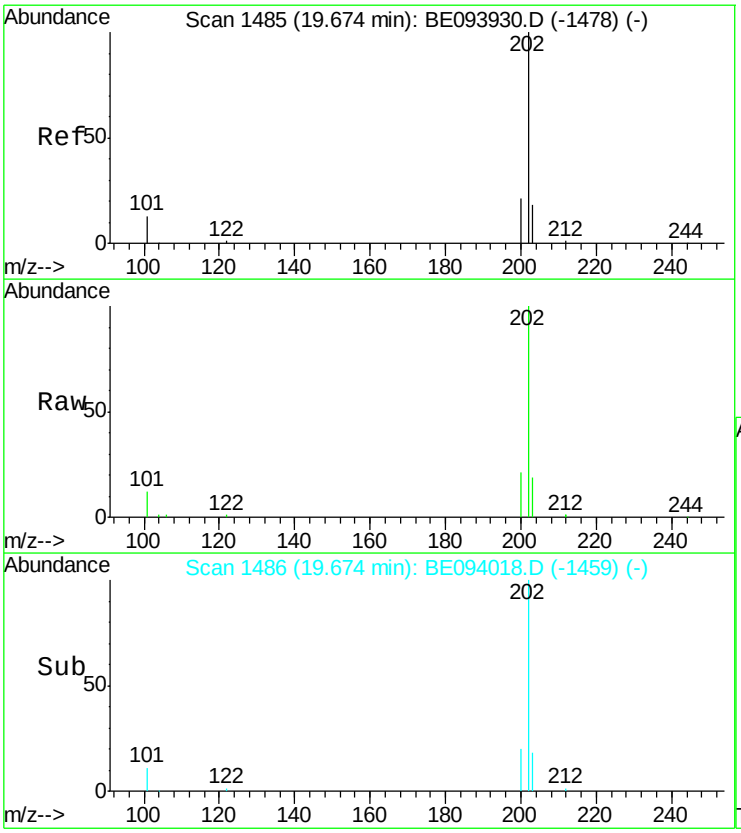
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14340

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.7	13.1
236	26.8	21.3	31.9

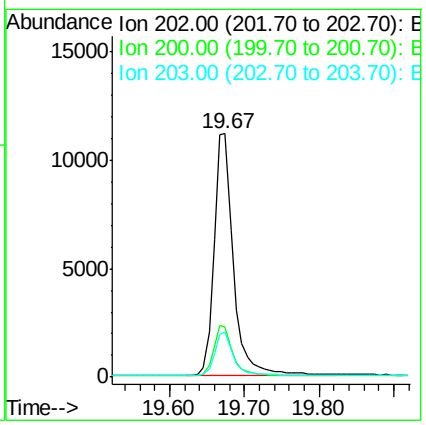


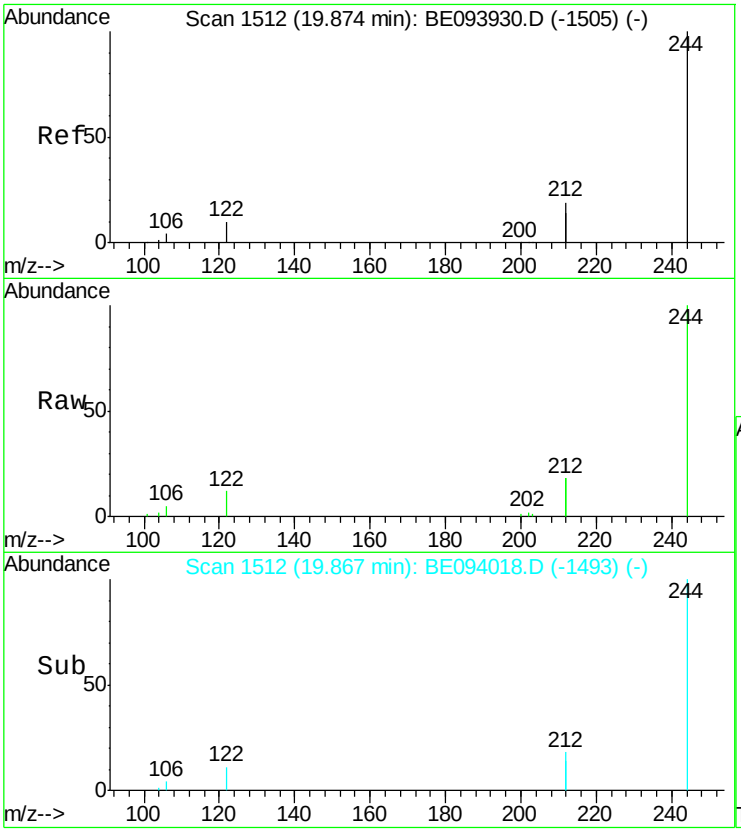


#28
Pyrene
Concen: 0.410 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:202 Resp: 20248

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.3	14.2	21.4



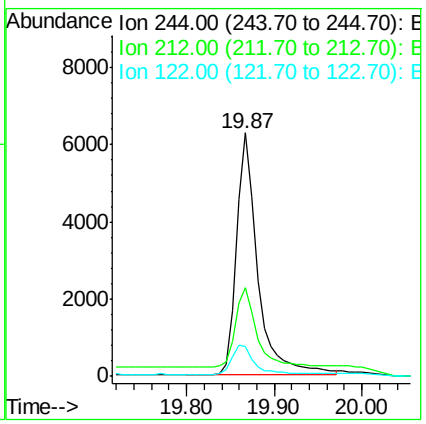


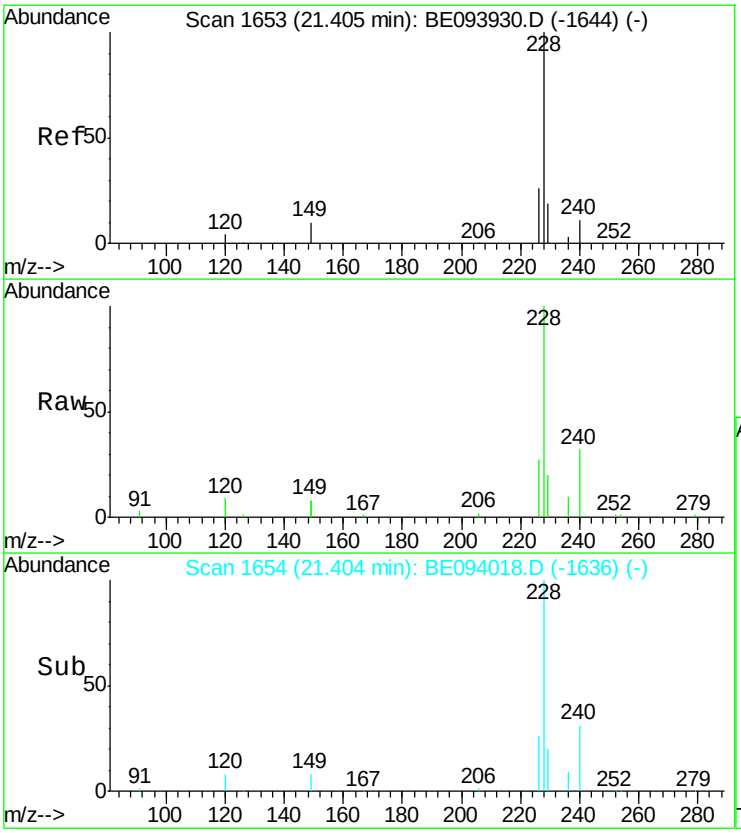
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10605

Ion	Ratio	Lower	Upper
244	100		
212	36.4	28.3	42.5
122	12.0	9.4	14.0

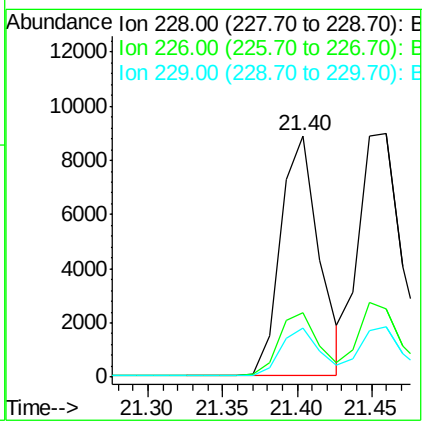


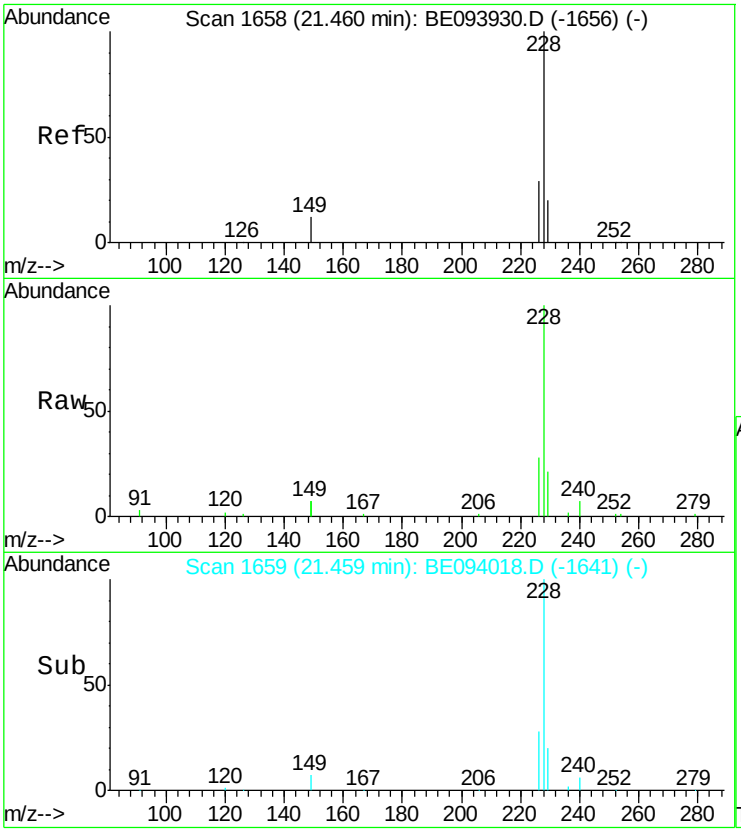


#30
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:228 Resp: 15801

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	20.2	16.6	25.0



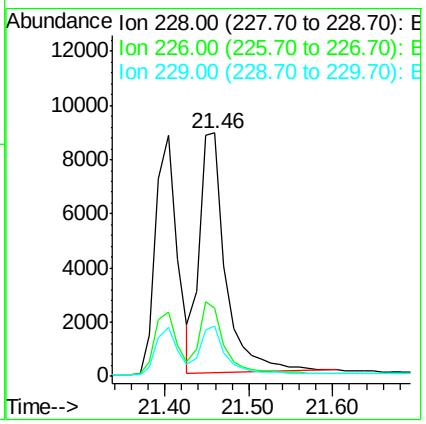


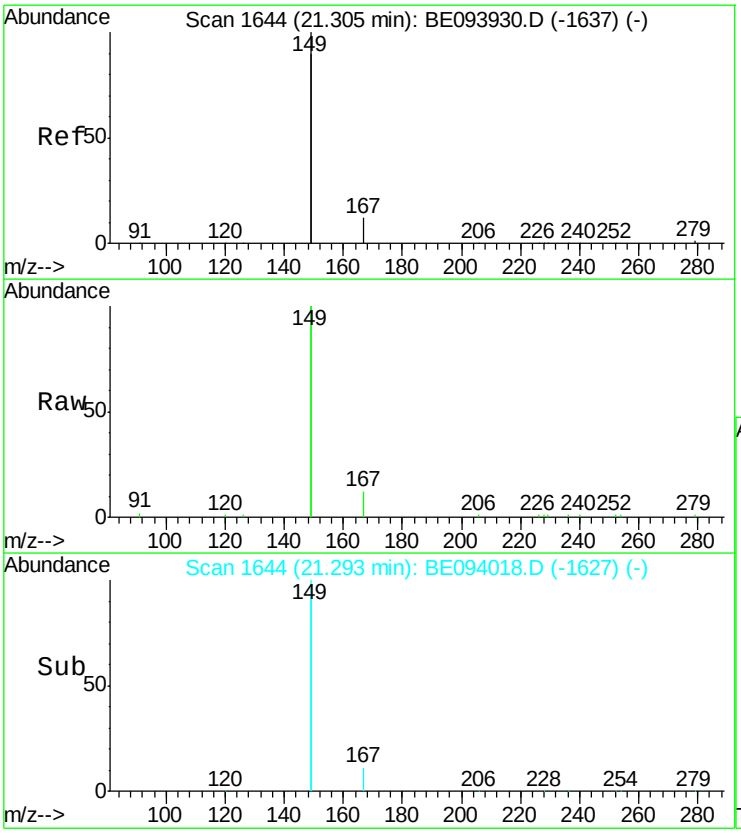
#31
Chrysene
Concen: 0.416 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 19368

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.6	37.0
229	20.5	15.8	23.8

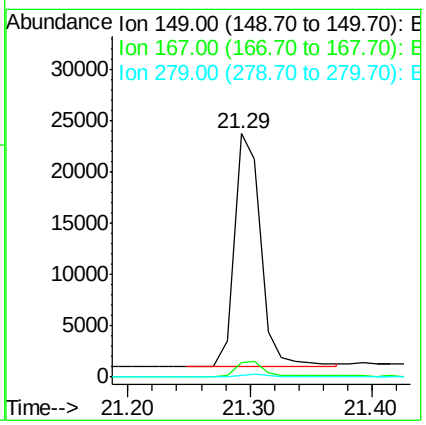


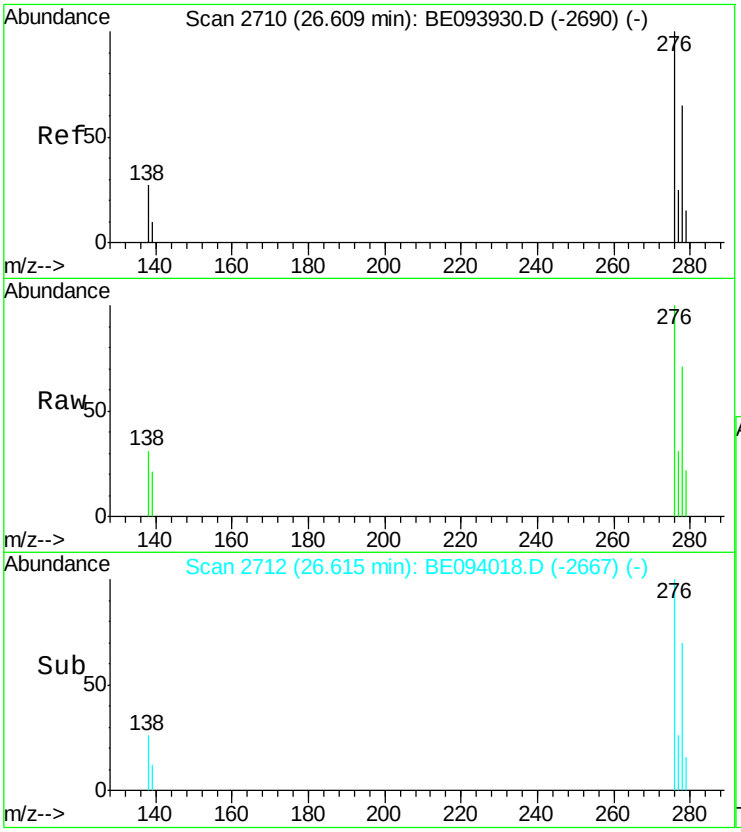


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.317 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:149 Resp: 33916

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



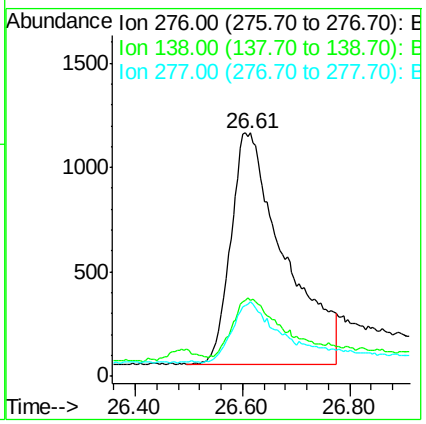


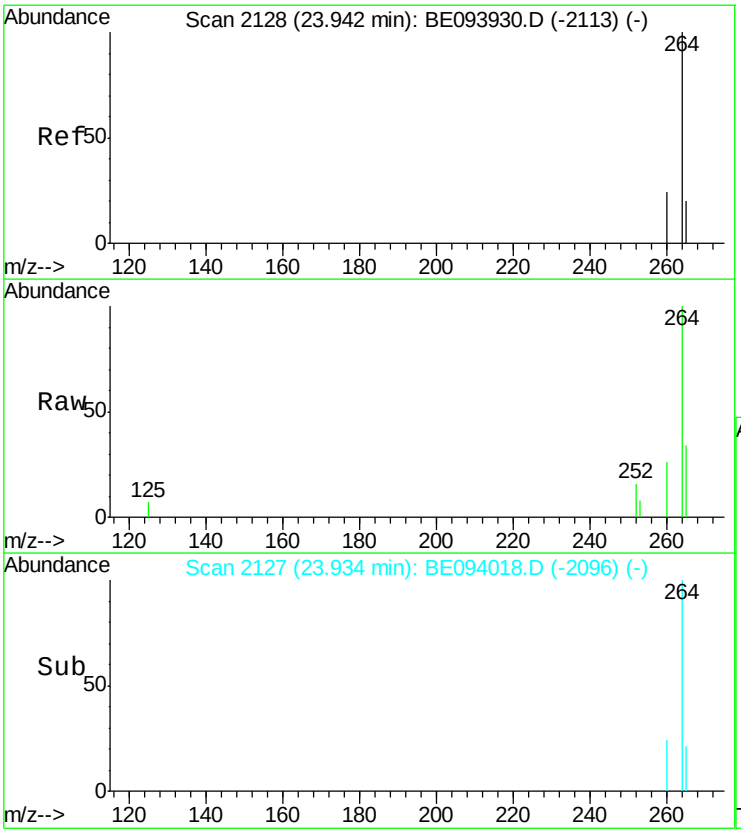
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng
RT: 26.61 min Scan# 2712
Delta R.T. 0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7623

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.2	33.2
277	20.9	19.5	29.3

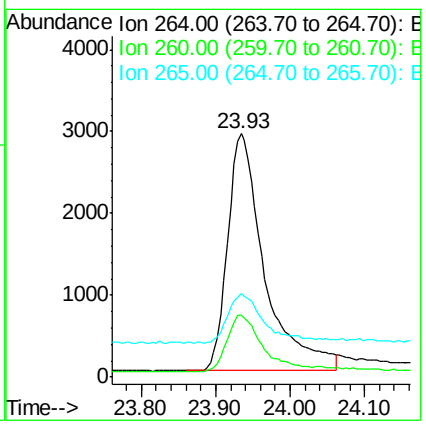


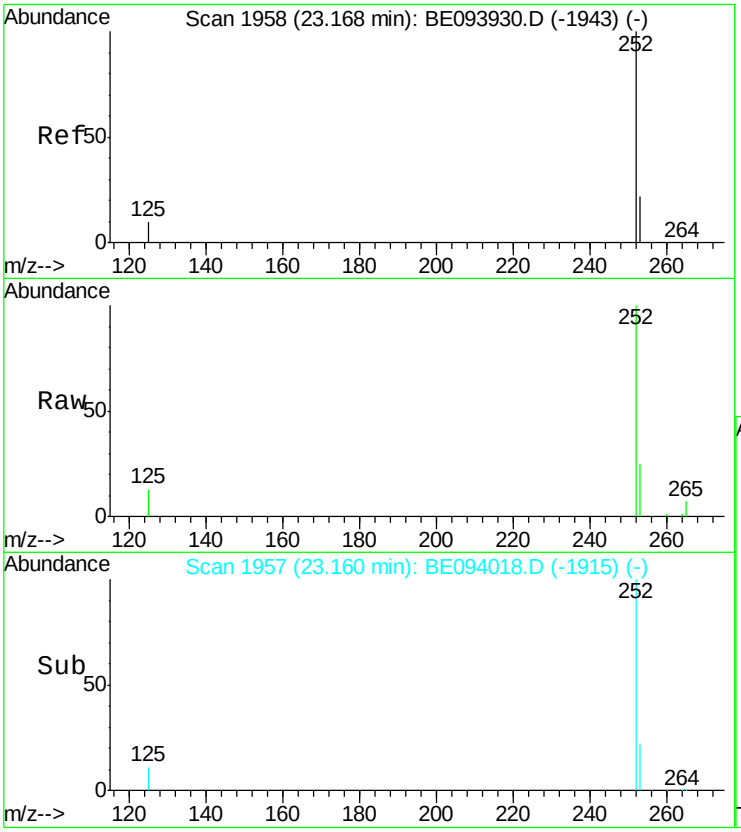


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:264 Resp: 10007

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	34.4	24.0	36.0



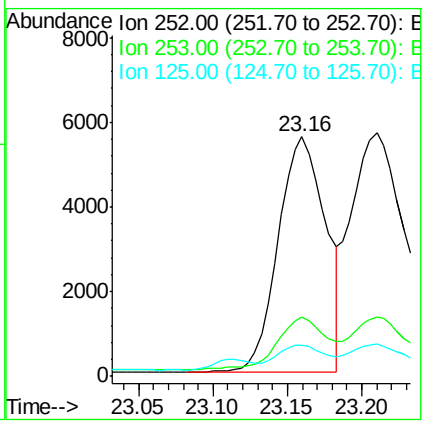


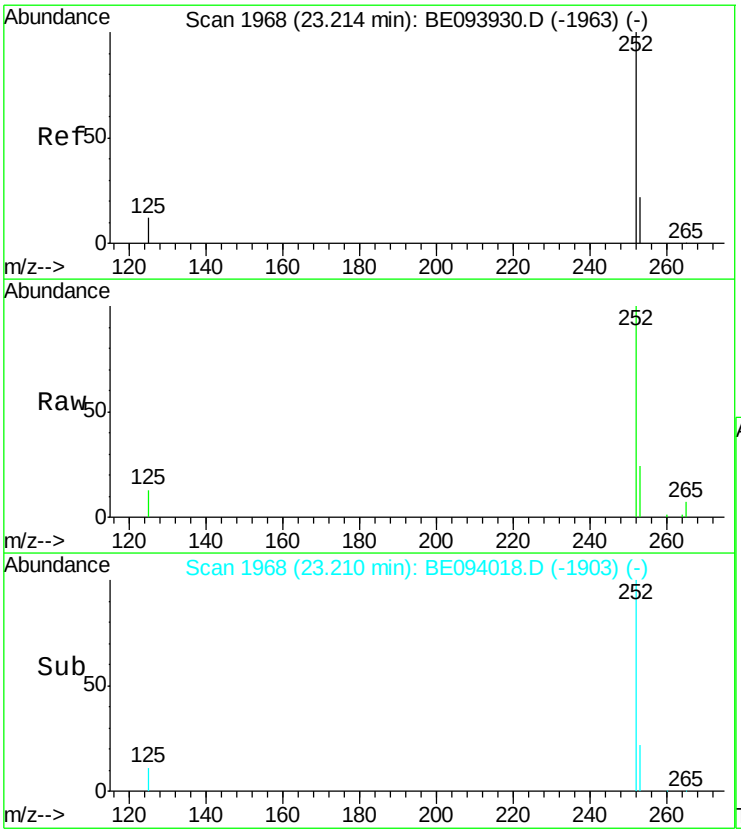
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12236

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.0
125	13.3	10.0	15.0

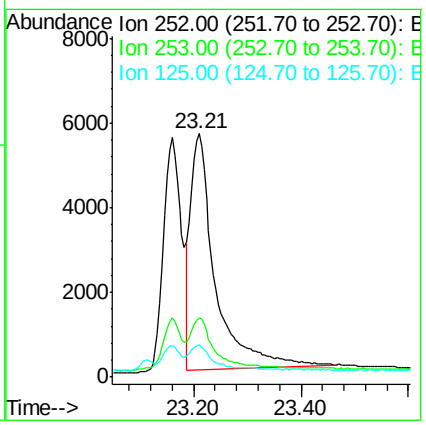


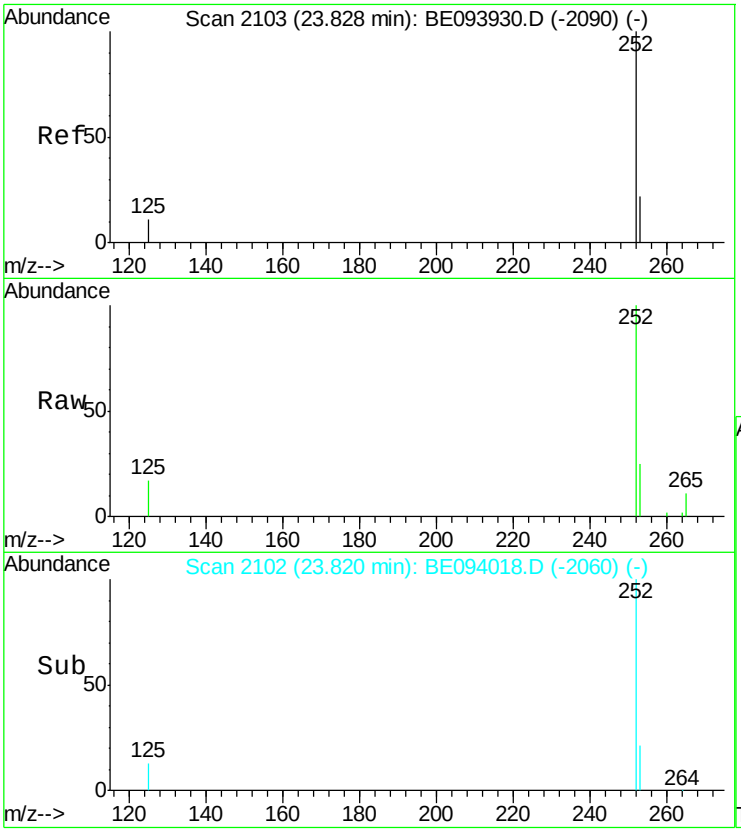


#36
Benzo(k)fluoranthene
Concen: 0.453 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:252 Resp: 17684

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	13.1	9.8	14.6



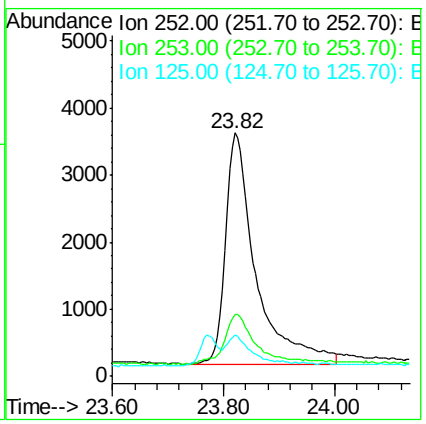


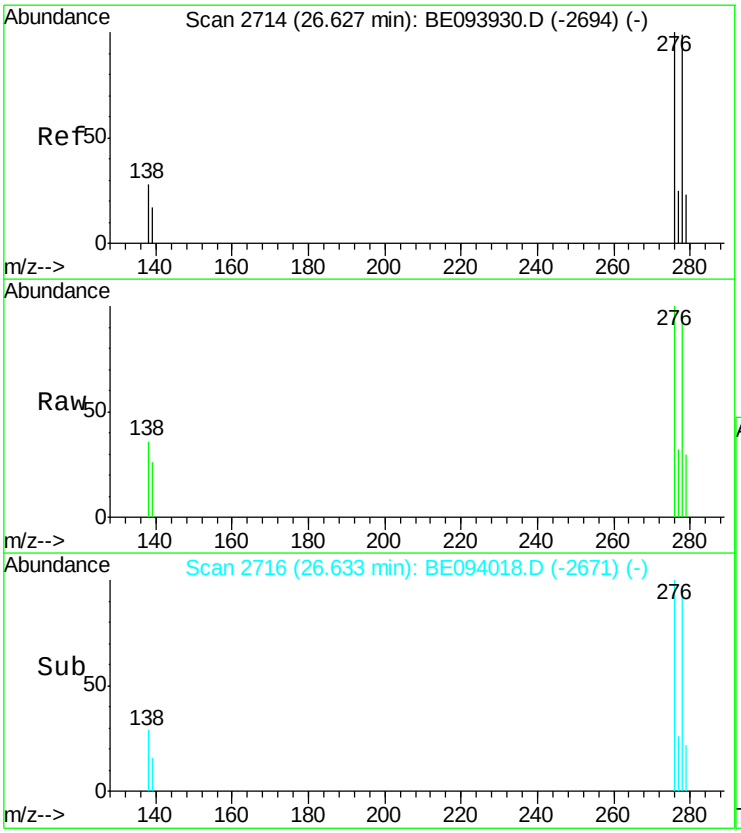
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13015

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	17.1	11.8	17.8

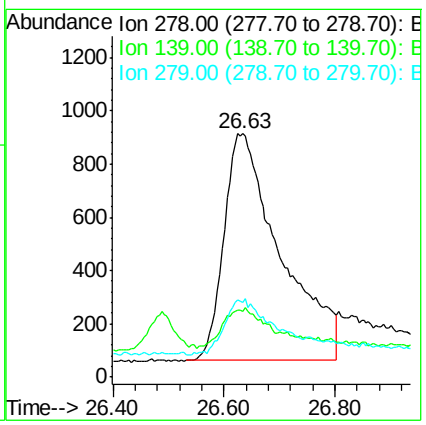


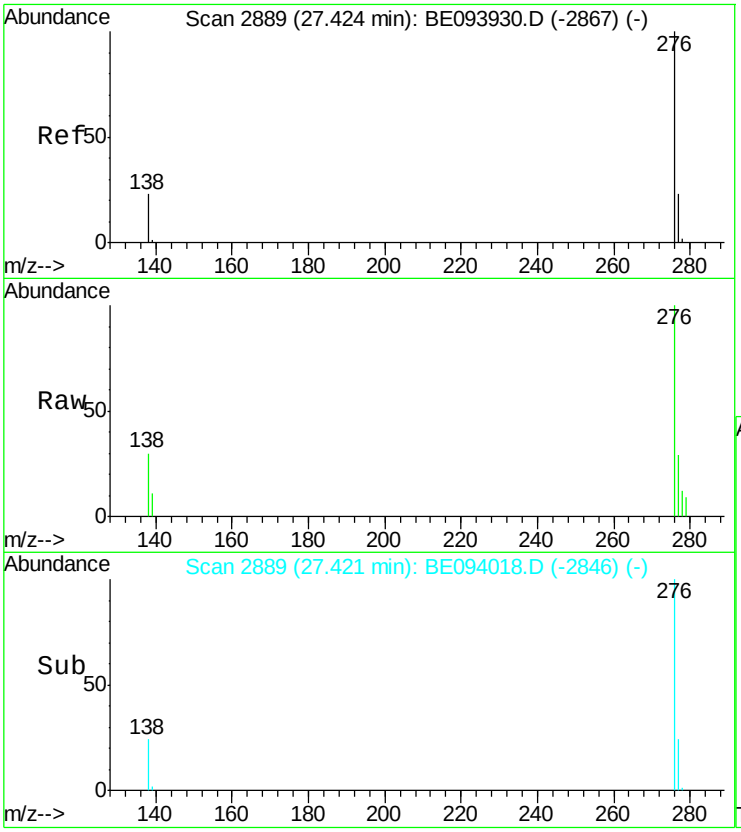


#38
Dibenzo(a,h)anthracene
Concen: 0.280 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Tgt Ion:278 Resp: 6036

Ion	Ratio	Lower	Upper
278	100		
139	26.9	16.7	25.1#
279	30.6	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.308 ng
RT: 27.42 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BE094018.D
Acq: 15 Sep 2017 16:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 6996

Ion	Ratio	Lower	Upper
276	100		
277	28.8	20.6	30.8
138	29.6	21.9	32.9