Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094645.D
Acq On : 30 Oct 2017 16:30
Operator : SJ/JU
Sample : PB103598BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 31 01:14:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	917	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	5409	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3281	0.40	ng		0.02
19) Phenanthrene-d10	17.27	188	6954	0.40	ng		0.03
27) Chrysene-d12	21.44	240	7976	0.40	ng		0.01
34) Perylene-d12	23.98	264	7450	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.55	112	750	0.24	ng		0.02
5) Phenol-d6	7.17	99	1147	0.24	ng		0.04
8) Nitrobenzene-d5	9.09	82	998	0.23	ng		0.02
11) 2-Methylnaphthalene-d10	12.30	152	2583	0.30	ng		0.00
14) 2,4,6-Tribromophenol	16.06	330	221	0.24	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	2943	0.25	ng		0.02
25) Fluoranthene-d10	19.30	212	23201	0.24	ng		0.01
29) Terphenyl-d14	19.87	244	3610	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	323	0.21	ng	#	1
3) n-Nitrosodimethylamine	3.75	42	344	0.23	ng	#	80
6) bis(2-Chloroethyl)ether	7.34	93	759	0.21	ng		81
9) Naphthalene	10.76	128	13919	0.23	ng		98
10) Hexachlorobutadiene	11.01	225	546	0.25	ng		100
12) 2-Methylnaphthalene	12.37	142	2523	0.24	ng		97
16) Acenaphthylene	14.24	152	3980	0.23	ng		99
17) Acenaphthene	14.58	154	2573	0.23	ng		97
18) Fluorene	15.58	166	3424	0.24	ng		98
20) 4-Bromophenyl-phenylether	16.45	248	757	0.20	ng	#	68
21) Hexachlorobenzene	16.58	284	1148	0.35	ng	#	61
23) Phenanthrene	17.30	178	6333	0.33	ng		97
24) Anthracene	17.40	178	5212	0.26	ng		99
26) Fluoranthene	19.33	202	6600	0.22	ng		99
28) Pyrene	19.68	202	6827	0.24	ng		98
30) Benzo(a)anthracene	21.42	228	6647	0.26	ng	#	64
31) Chrysene	21.47	228	6327	0.24	ng	#	67
32) Bis(2-ethylhexyl)phthalate	21.29	149	17094	0.27	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	5631	0.23	ng		99
35) Benzo(b)fluoranthene	23.19	252	6019	0.25	ng	#	50
36) Benzo(k)fluoranthene	23.24	252	6255	0.24	ng	#	50
37) Benzo(a)pyrene	23.87	252	5866	0.25	ng	#	43
38) Dibenzo(a,h)anthracene	26.69	278	4986	0.24	ng	#	55
39) Benzo(g,h,i)perylene	27.53	276	4253	0.22	ng	#	64

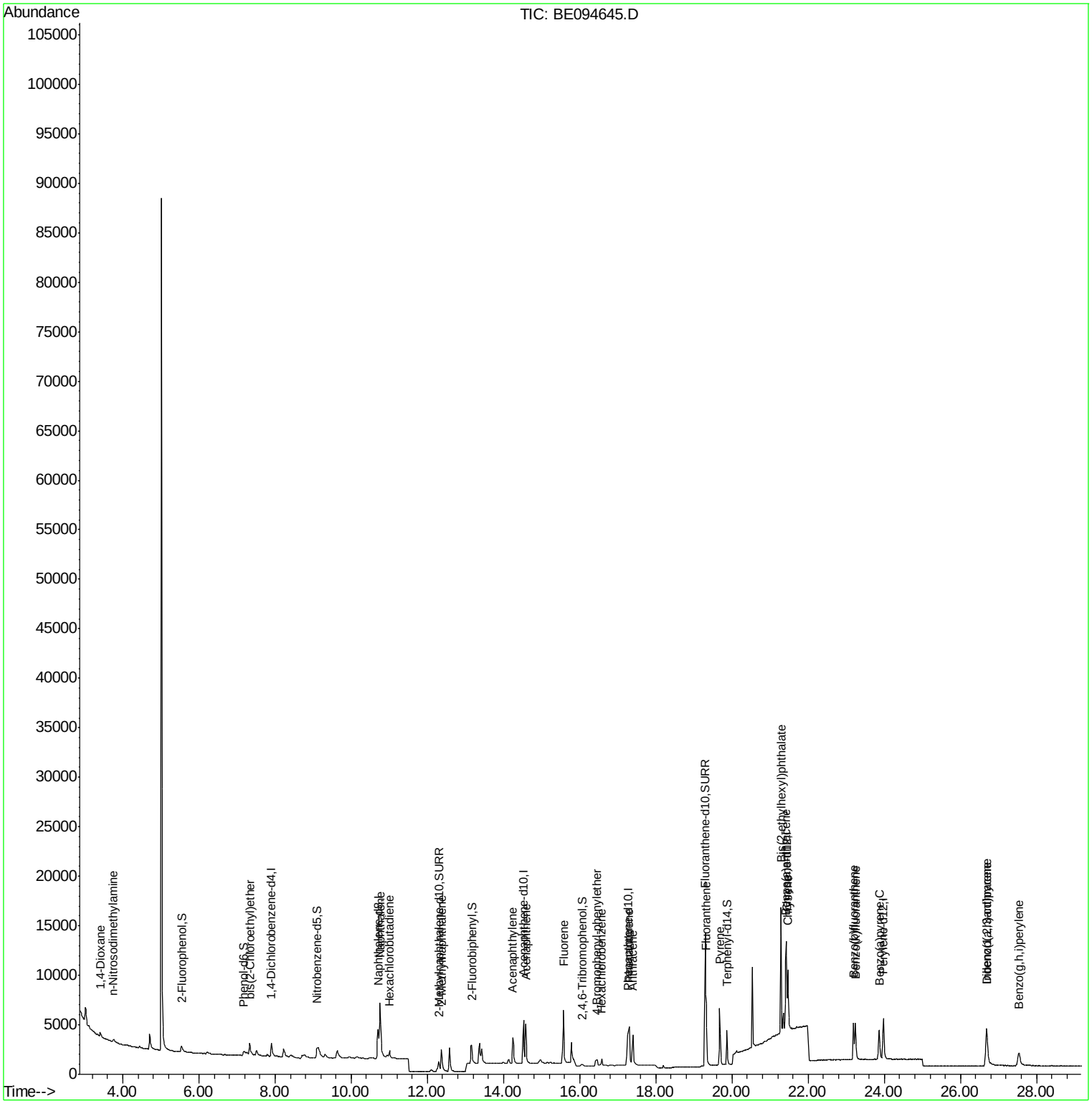
(#) = qualifier out of range (m) = manual integration (+) = signals summed

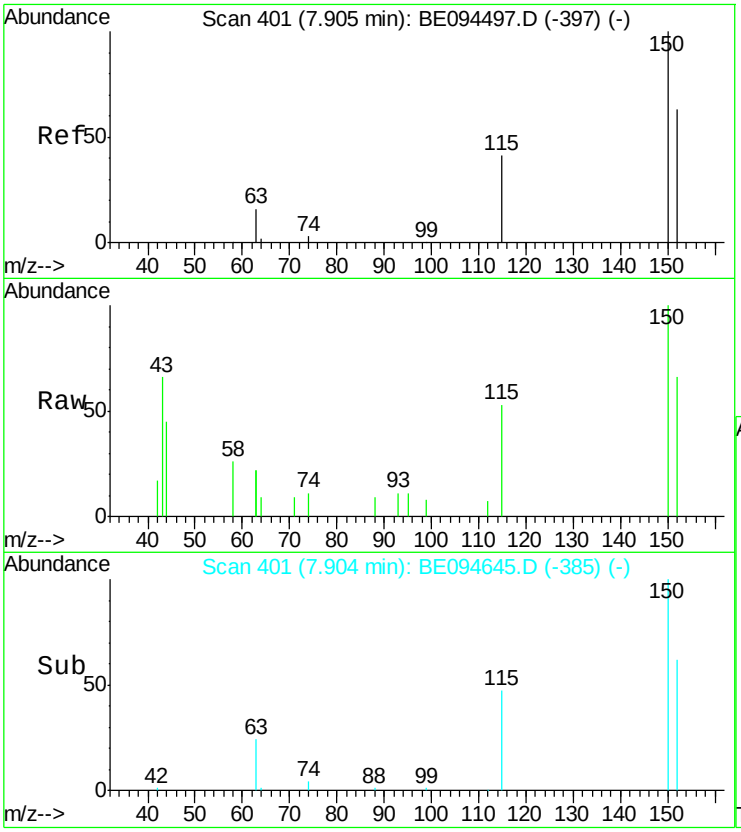
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094645.D
Acq On : 30 Oct 2017 16:30
Operator : SJ/JU
Sample : PB103598BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:14:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



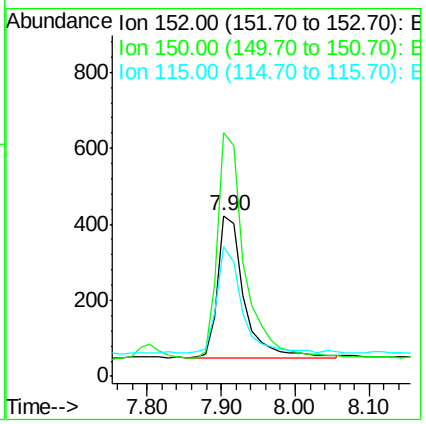


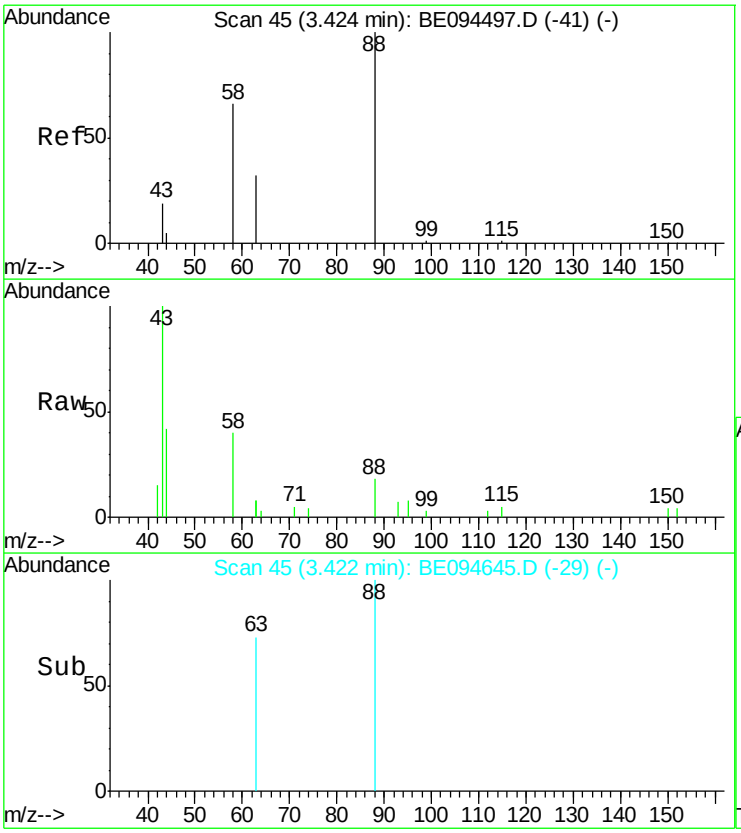
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 917

Ion	Ratio	Lower	Upper
152	100		
150	151.5	117.2	175.8
115	80.4	57.0	85.6

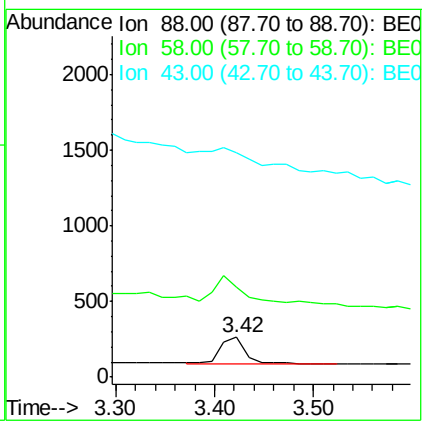


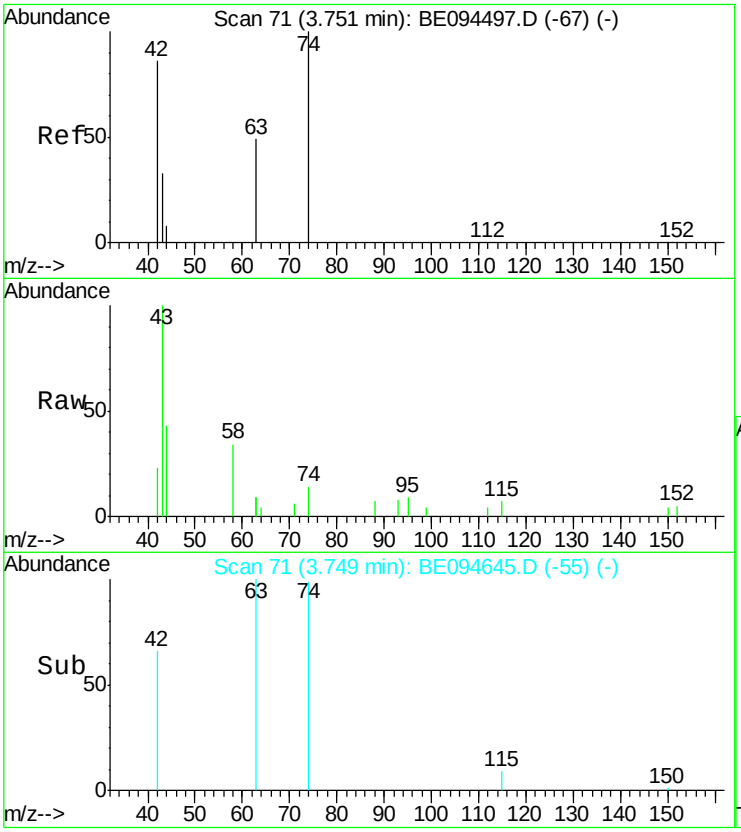


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion: 88 Resp: 323

Ion	Ratio	Lower	Upper
88	100		
58	192.0	63.2	94.8#
43	0.0	41.2	61.8#



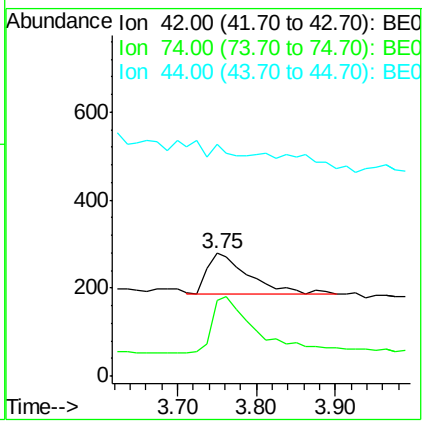


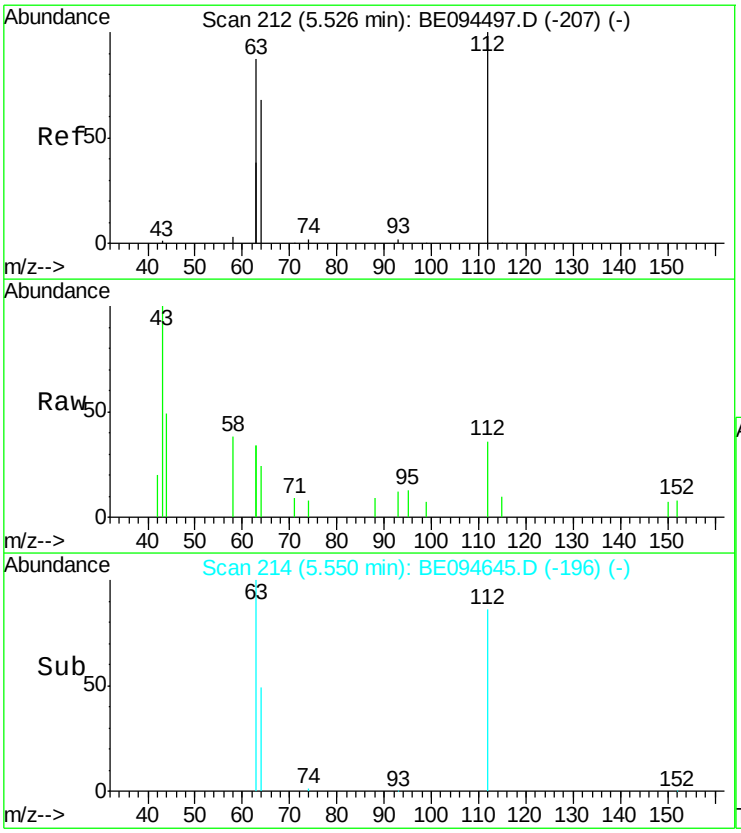
#3
n-Nitrosodimethylamine
Concen: 0.23 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 344

Ion	Ratio	Lower	Upper
42	100		
74	143.6	100.3	150.5
44	0.0	17.0	25.4#

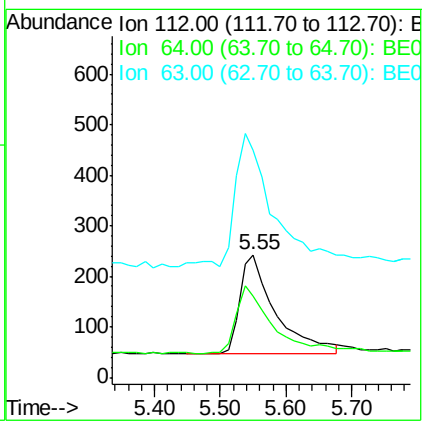


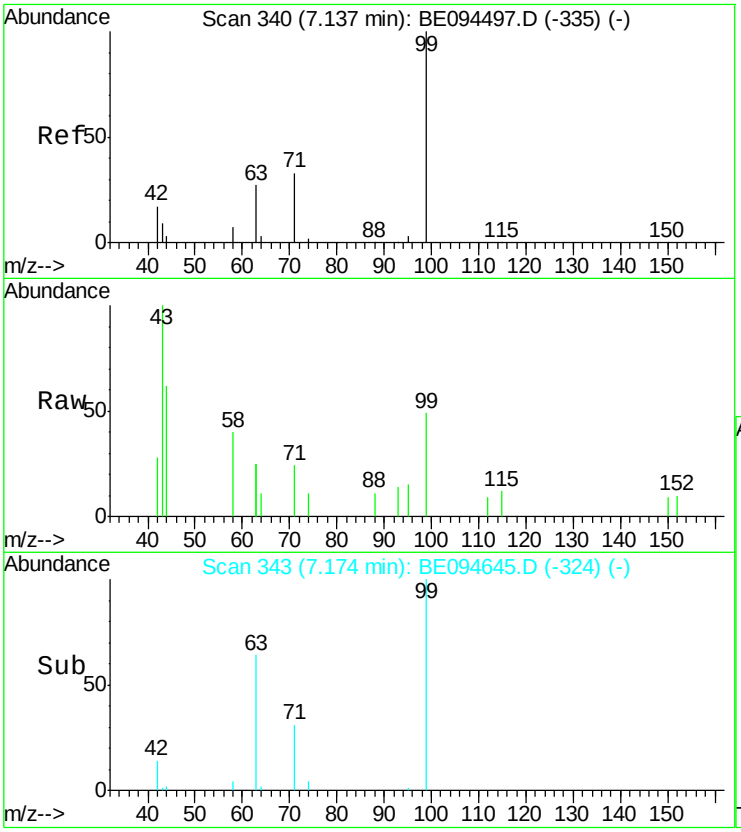


#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.55 min Scan# 214
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:112 Resp: 750

Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	125.3	116.8	175.2



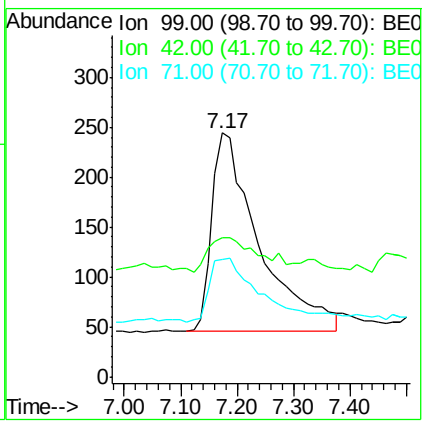


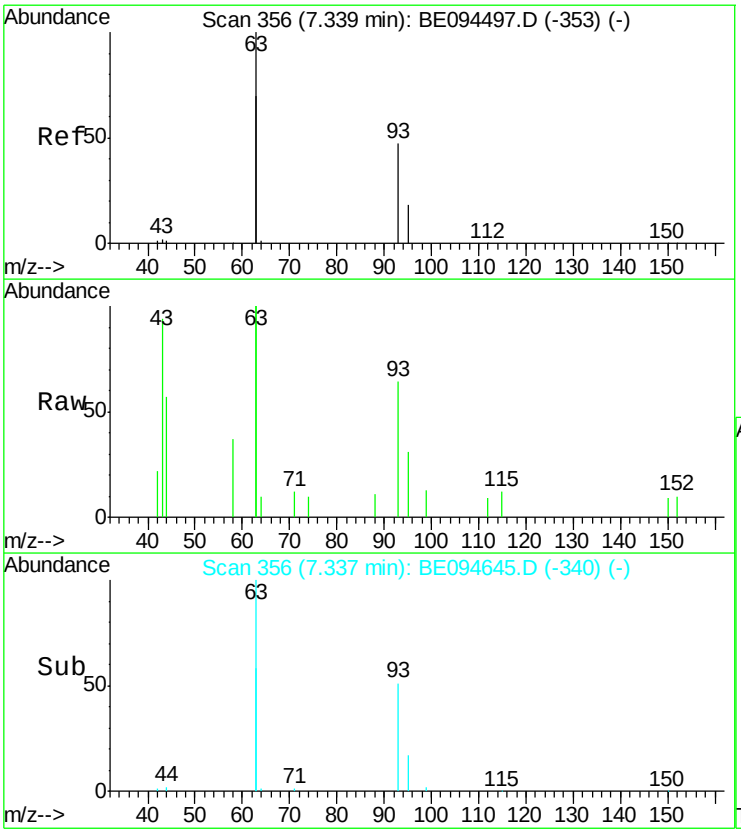
#5
Phenol-d6
Concen: 0.24 ng
RT: 7.17 min Scan# 343
Delta R.T. 0.04 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1147

Ion	Ratio	Lower	Upper
99	100		
42	18.9	20.2	30.2#
71	37.0	28.4	42.6

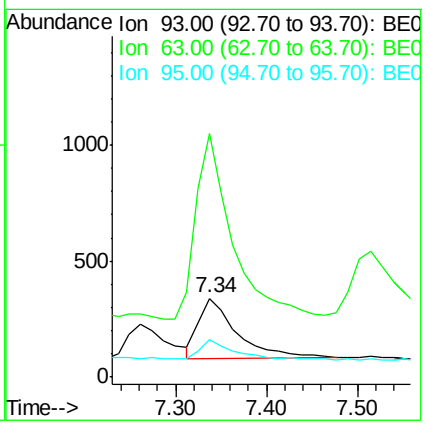


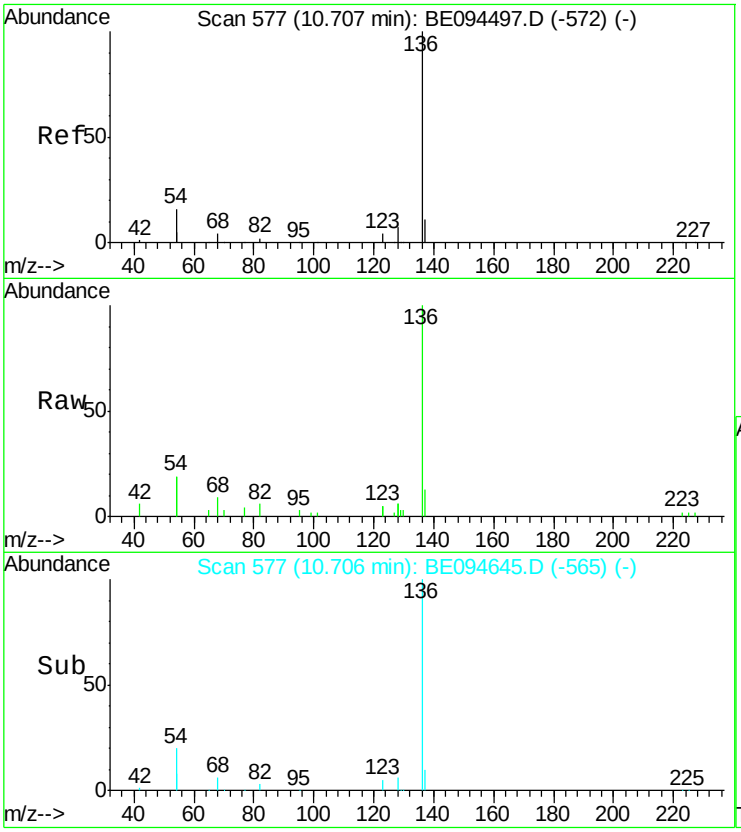


#6
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion: 93 Resp: 759

Ion	Ratio	Lower	Upper
93	100		
63	300.5	275.3	412.9
95	30.6	25.2	37.8



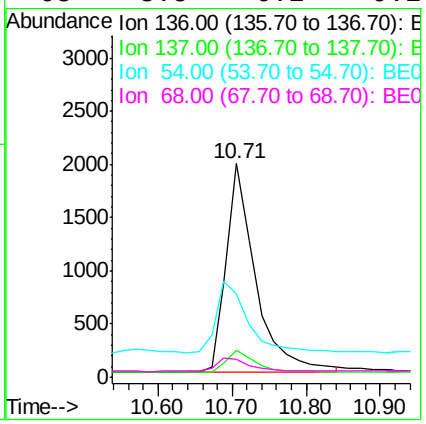


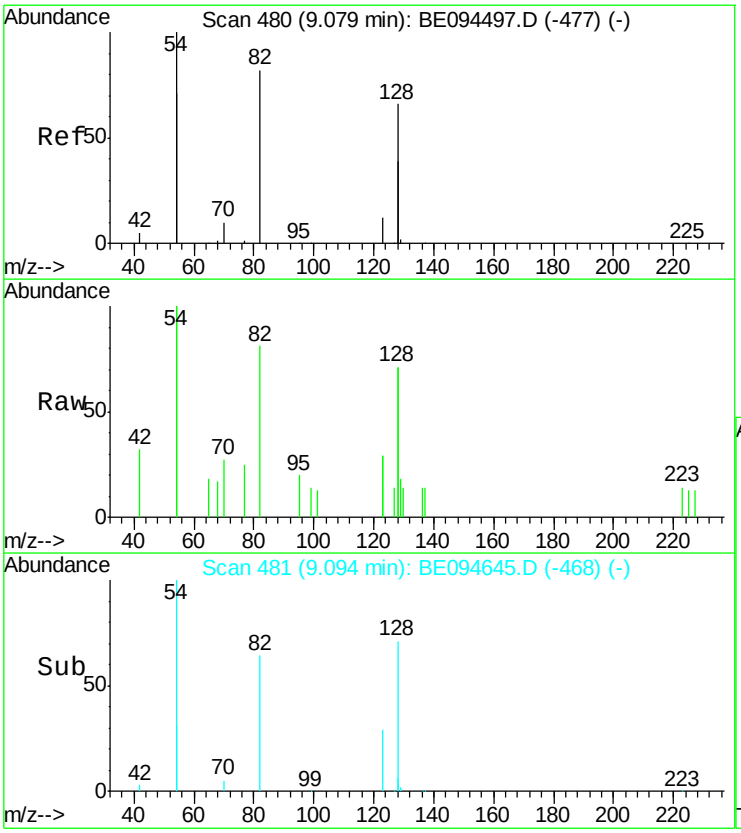
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5409

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	39.0	29.1	43.7
68	8.5	6.2	9.2

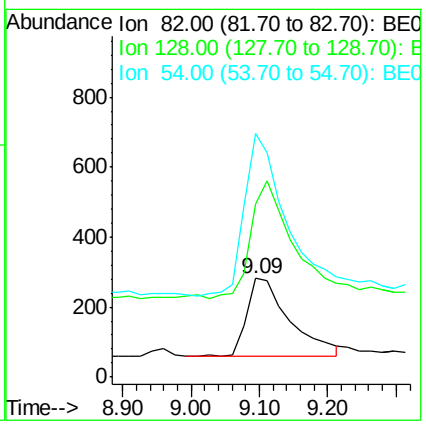


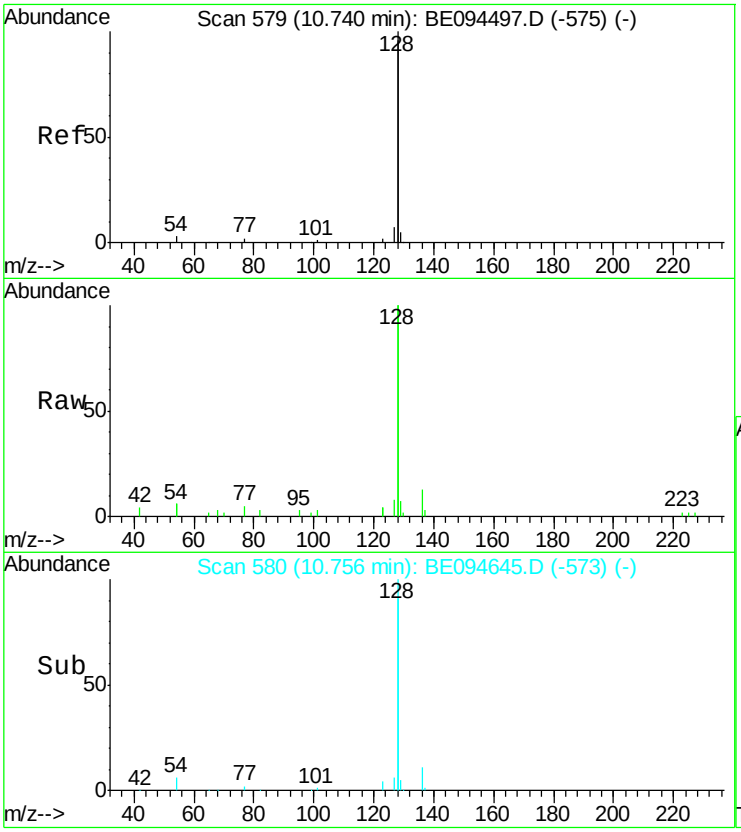


#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 9.09 min Scan# 481
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion: 82 Resp: 998

Ion	Ratio	Lower	Upper
82	100		
128	175.9	150.0	225.0
54	246.8	154.2	231.4#



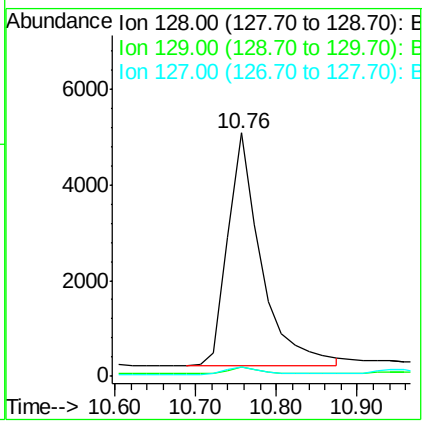


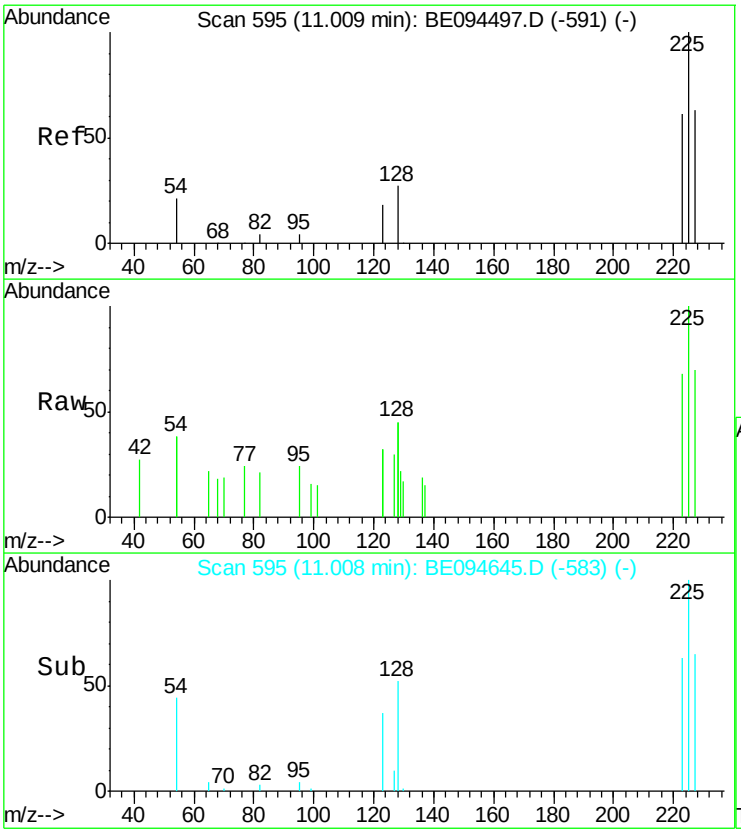
#9
Naphthalene
Concen: 0.23 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13919

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.6	3.8
127	4.0	2.8	4.2

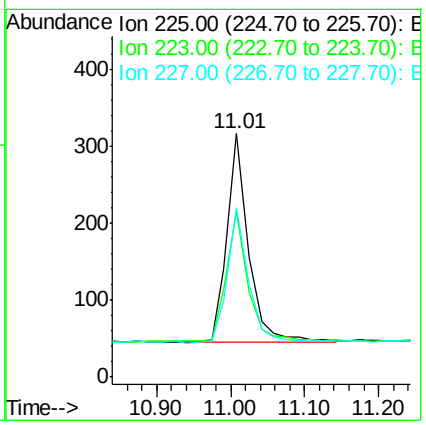


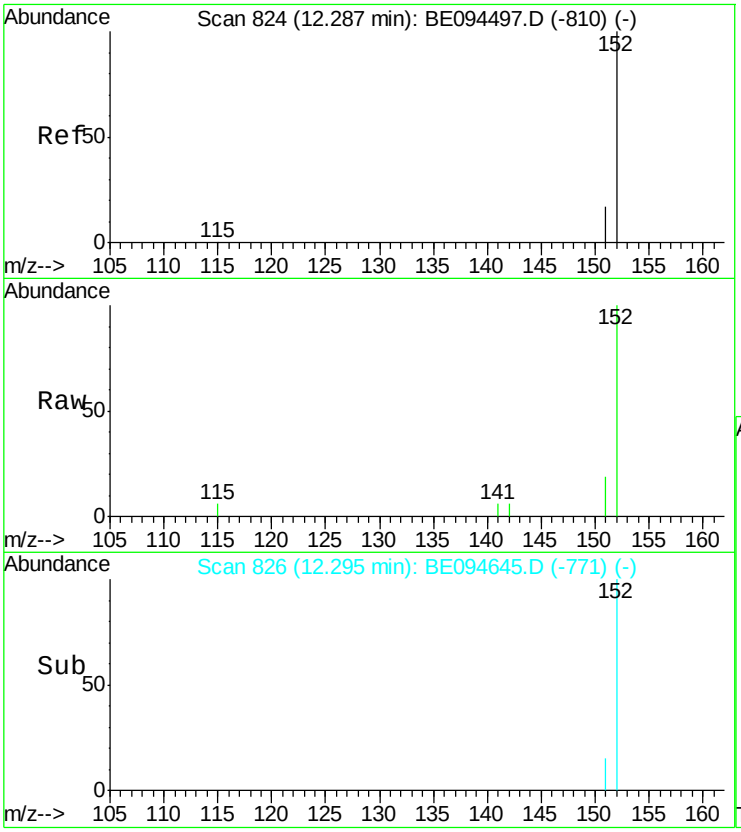


#10
Hexachlorobutadiene
Concen: 0.25 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:225 Resp: 546

Ion	Ratio	Lower	Upper
225	100		
223	66.1	53.0	79.6
227	64.5	51.4	77.2



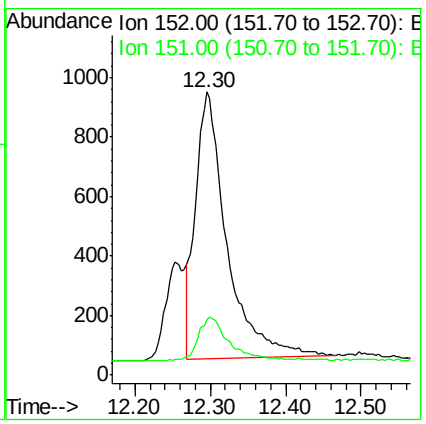


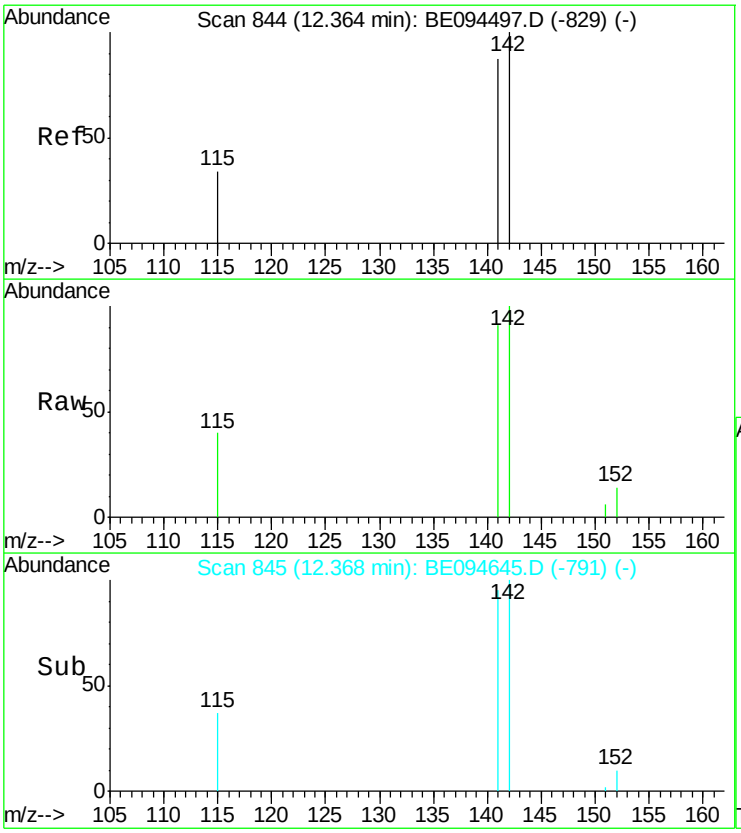
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.30 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2583

Ion	Ratio	Lower	Upper
152	100		
151	15.8	15.4	23.0

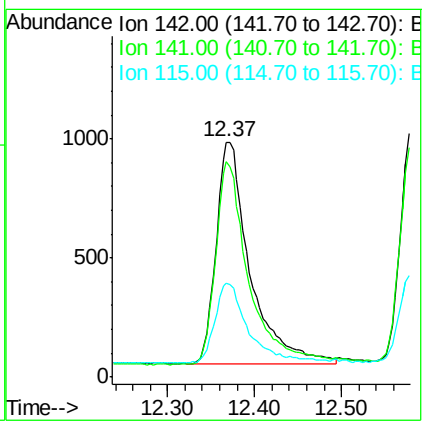


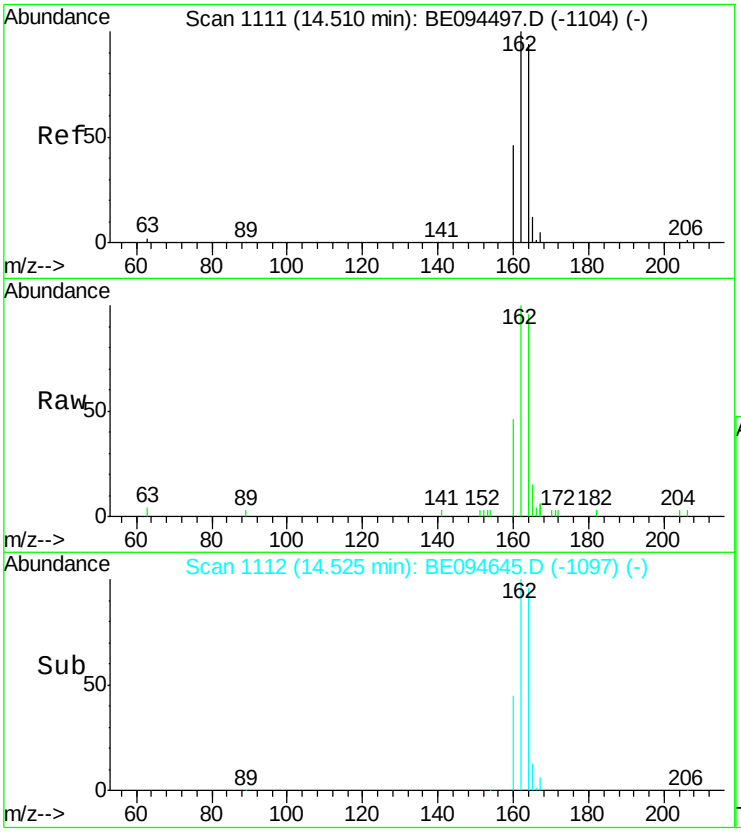


#12
2-Methylnaphthalene
Concen: 0.24 ng
RT: 12.37 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:142 Resp: 2523

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	40.2	31.7	47.5



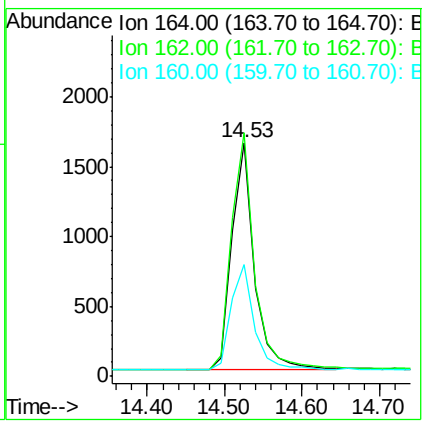


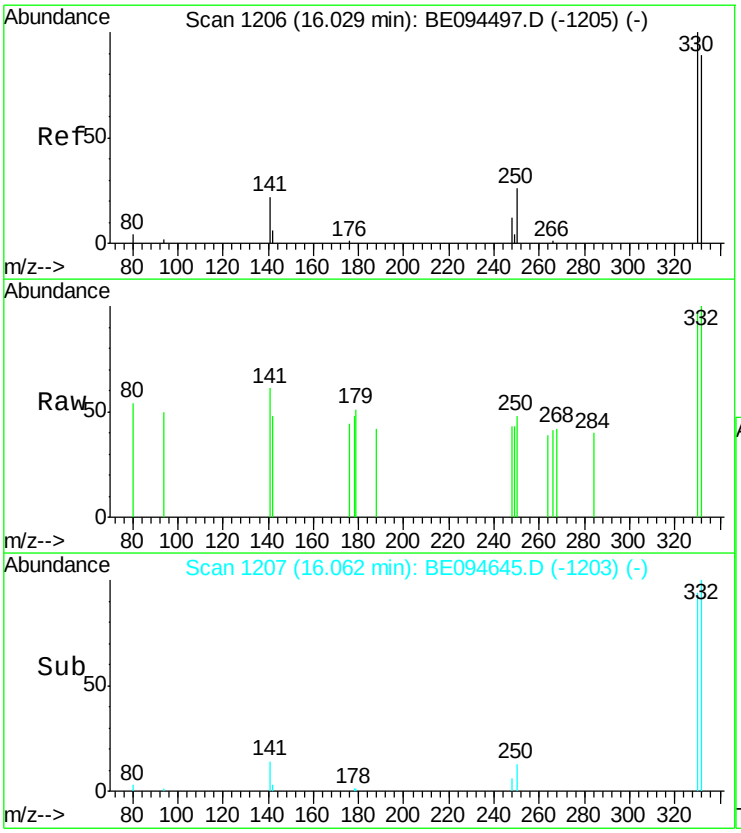
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3281

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	48.1	37.1	55.7

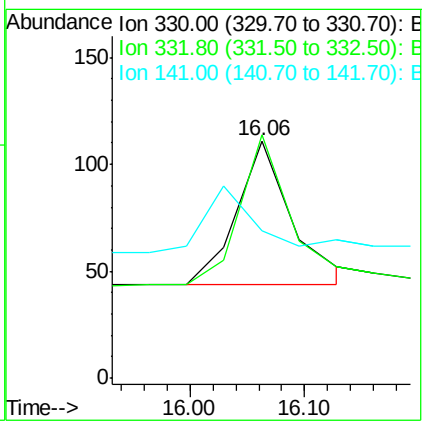


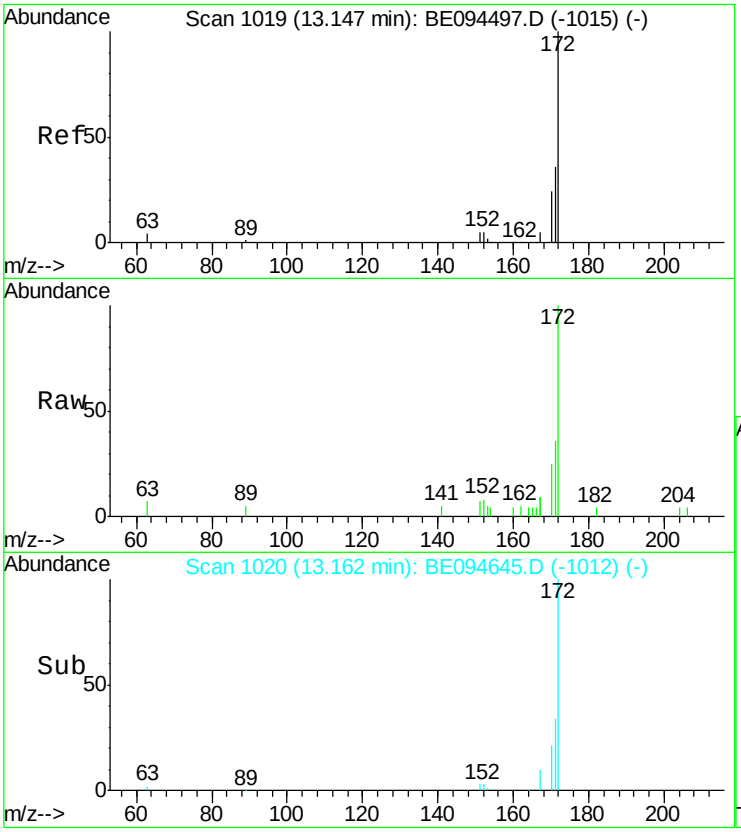


#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:330 Resp: 221

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	0.0	33.7	50.5#



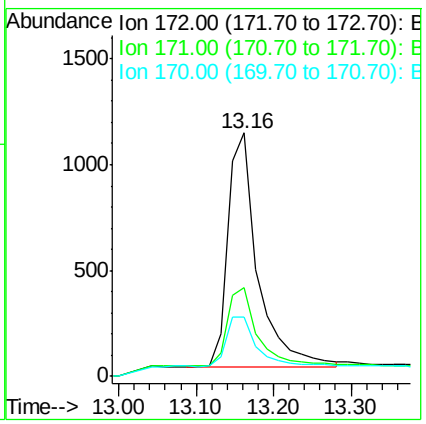


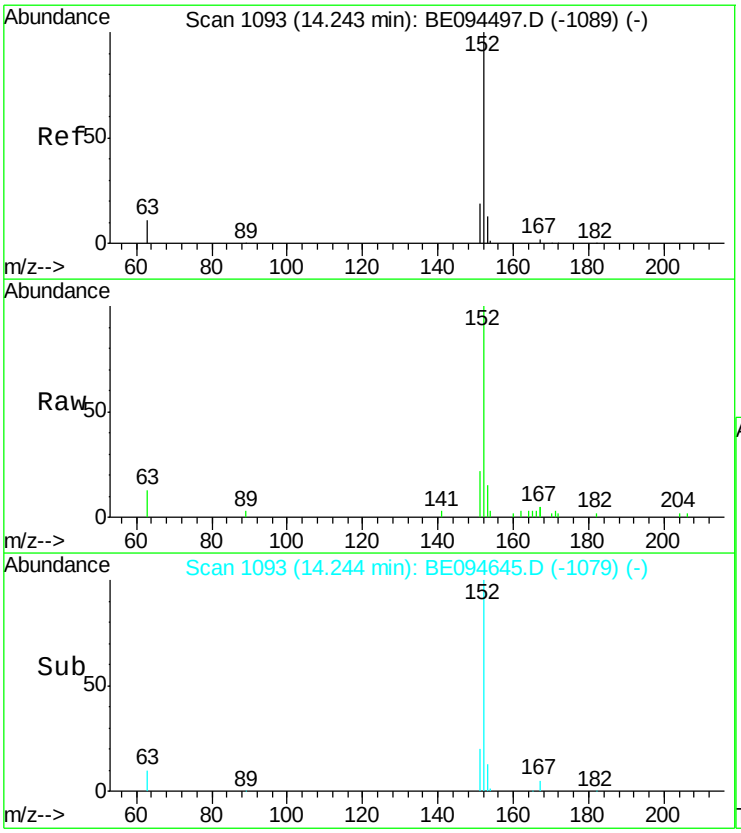
#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2943

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.5	21.8	32.8

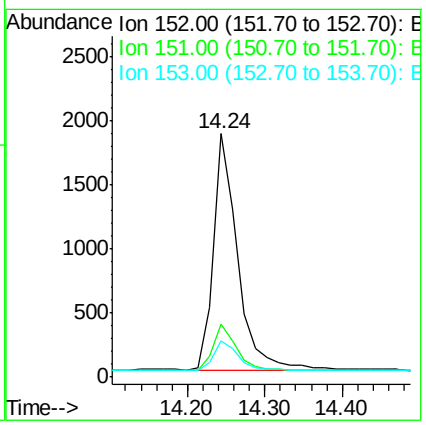


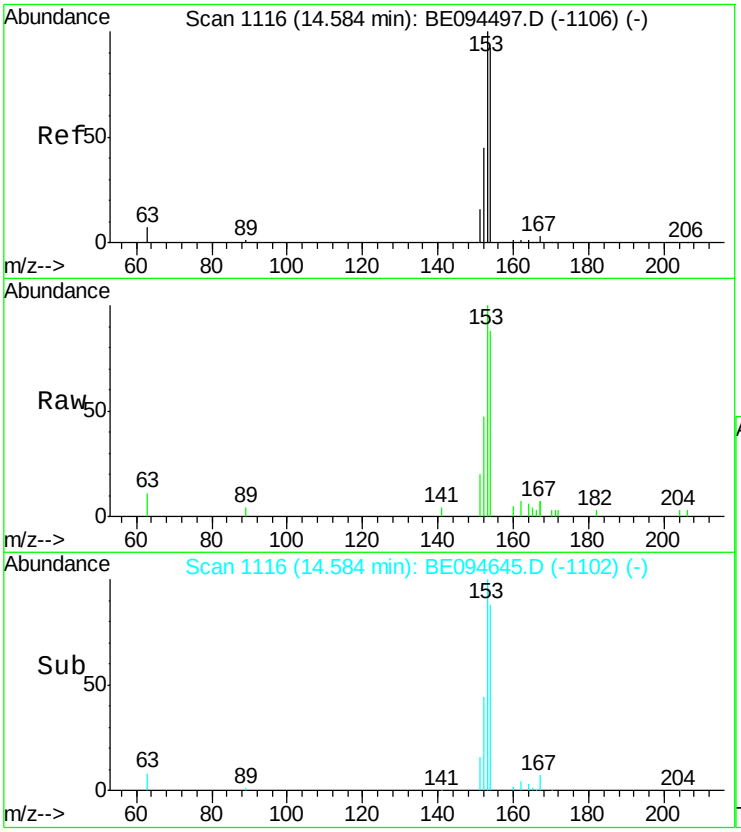


#16
Acenaphthylene
Concen: 0.23 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:152 Resp: 3980

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.7	10.5	15.7



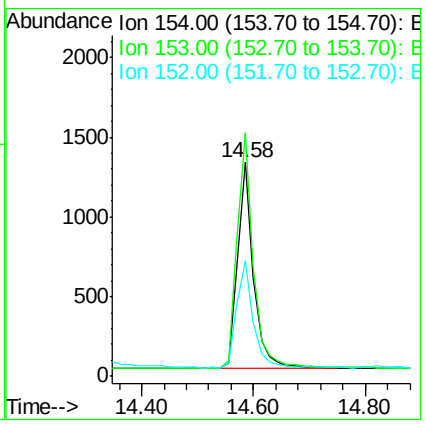


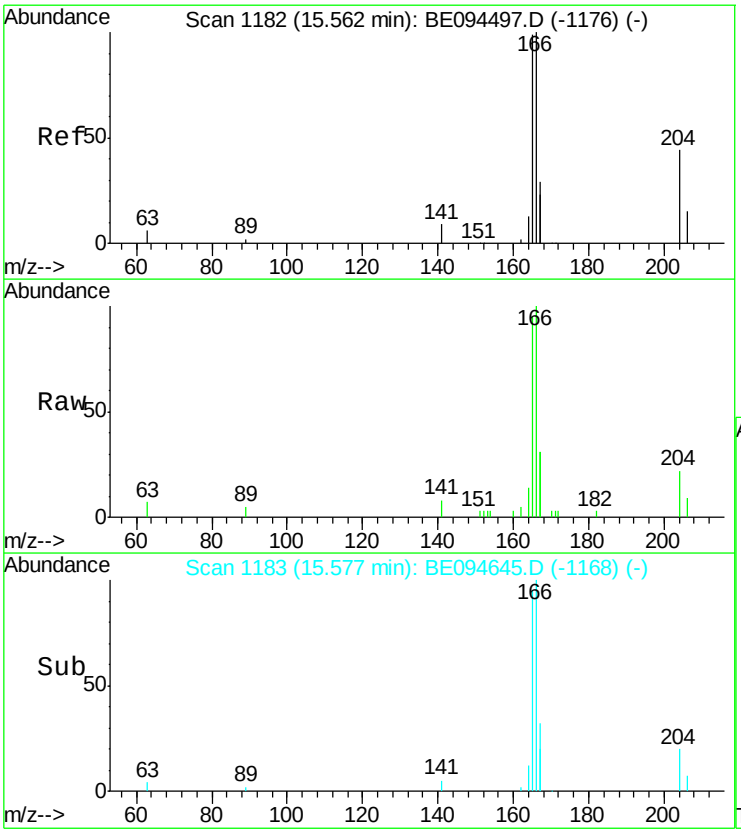
#17
Acenaphthene
Concen: 0.23 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2573

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	54.5	42.0	63.0

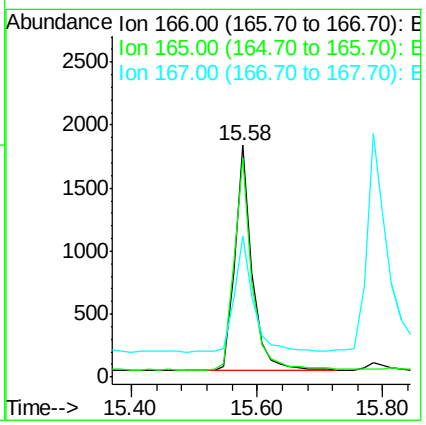


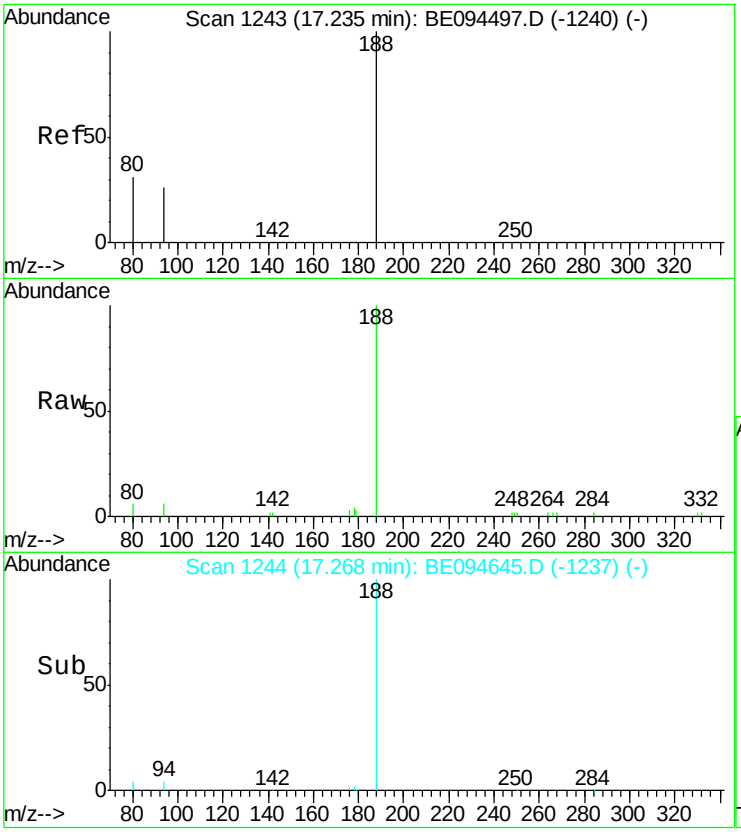


#18
Fluorene
Concen: 0.24 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:166 Resp: 3424

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.6
167	55.1	42.4	63.6



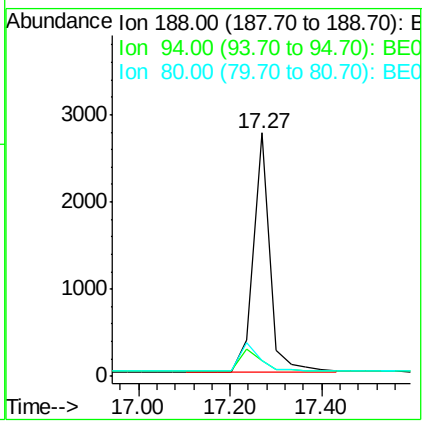


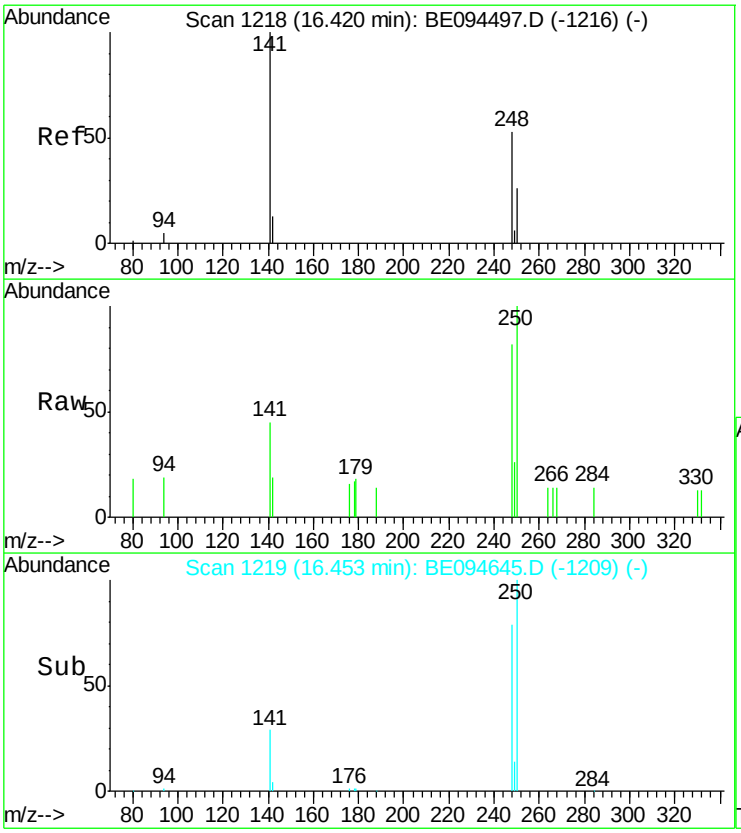
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6954

Ion	Ratio	Lower	Upper
188	100		
94	6.4	3.9	5.9#
80	6.3	3.6	5.4#

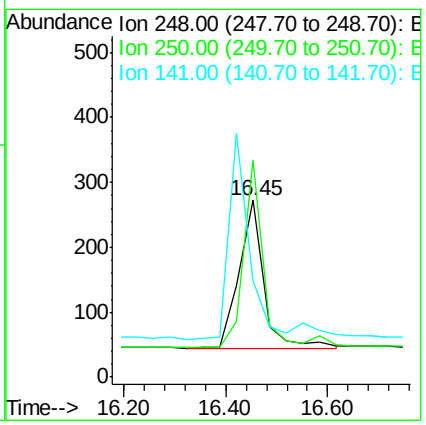


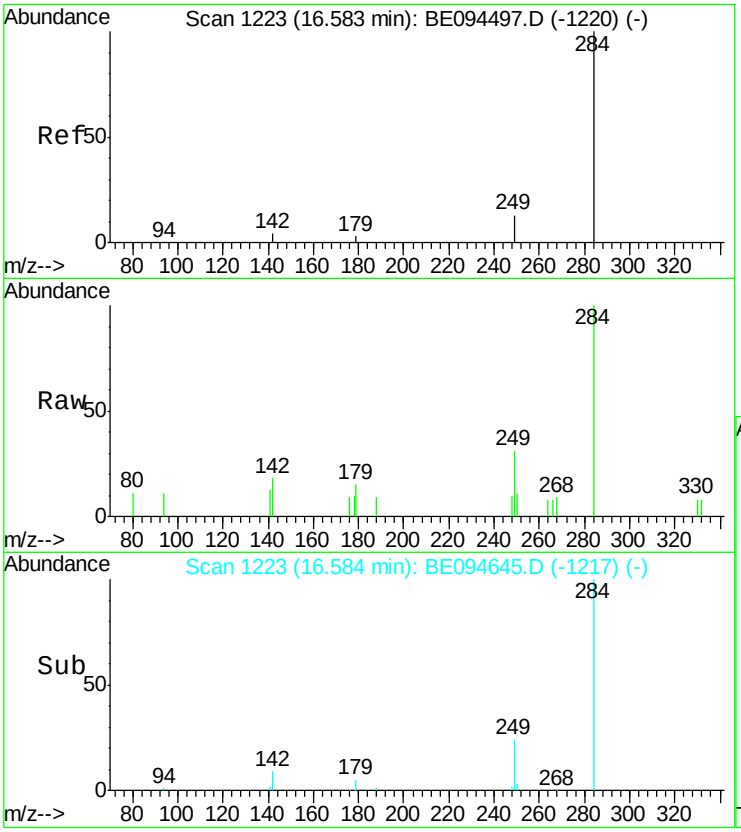


#20
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:248 Resp: 757

Ion	Ratio	Lower	Upper
248	100		
250	122.4	62.7	94.1#
141	54.8	48.2	72.2



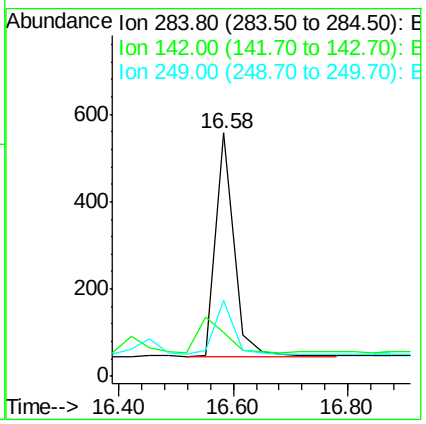


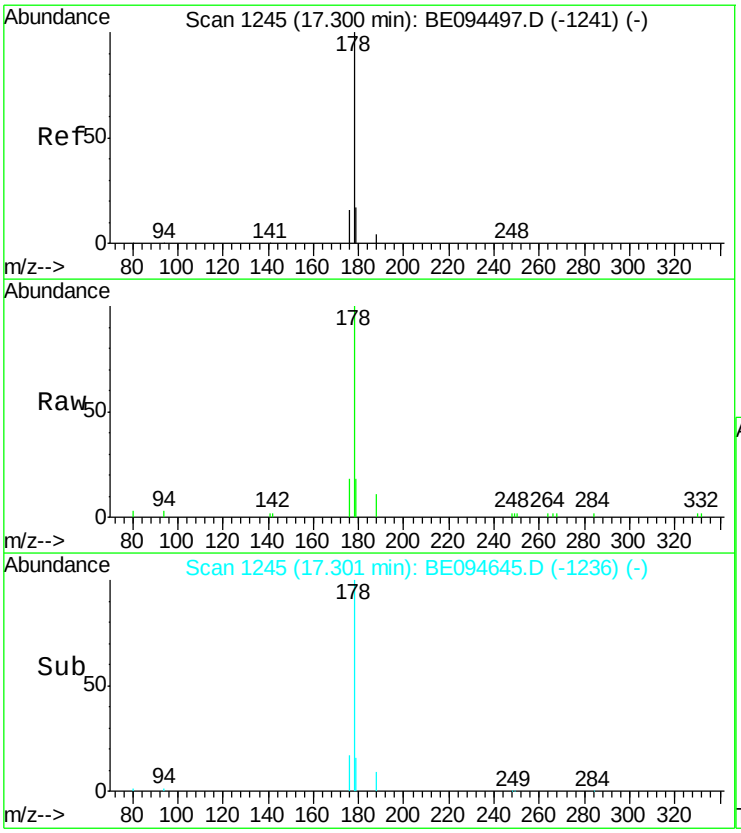
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1148

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	23.7	34.8	52.2#

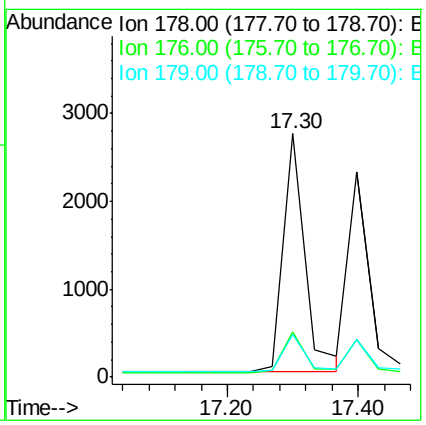


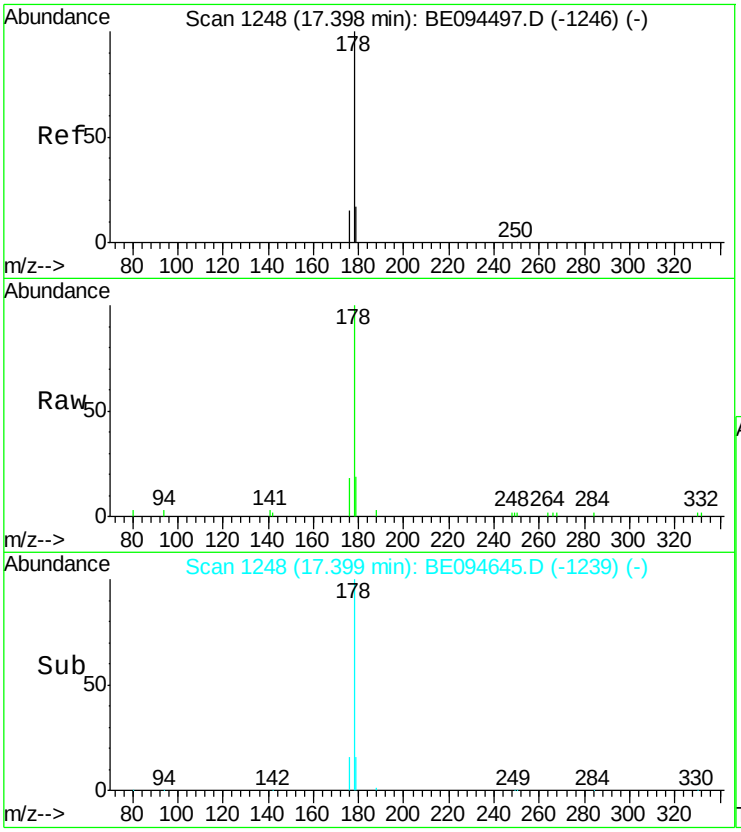


#23
Phenanthrene
Concen: 0.33 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:178 Resp: 6333

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	15.8	11.8	17.6



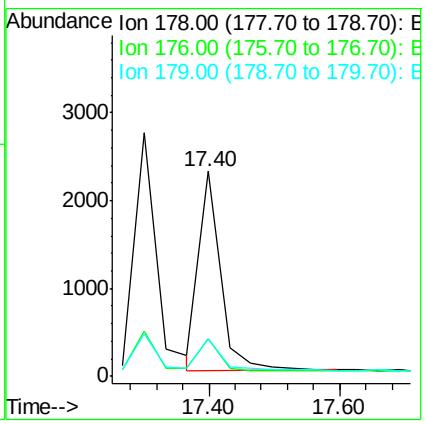


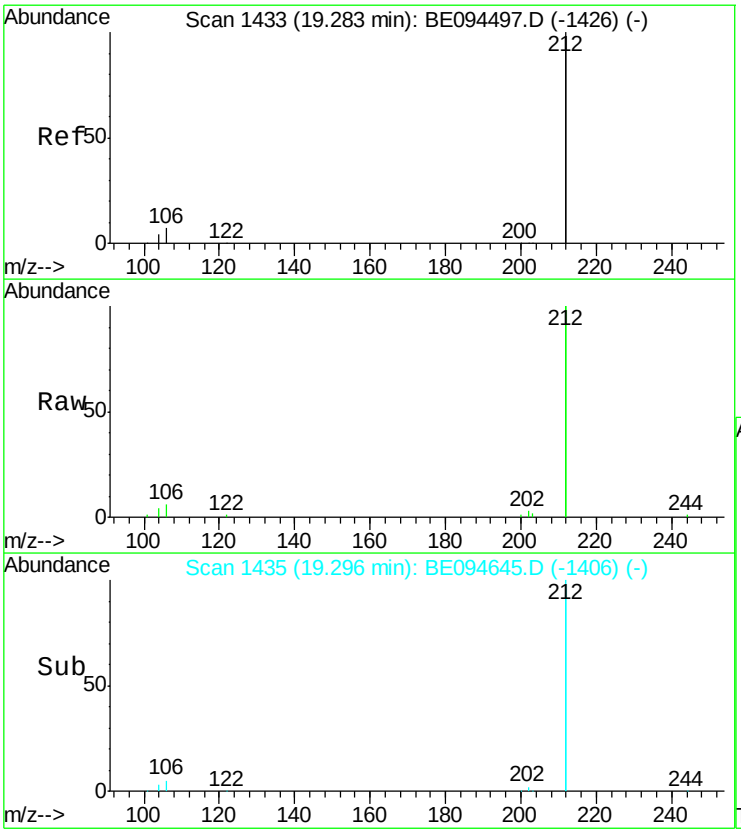
#24
Anthracene
Concen: 0.26 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5212

Ion	Ratio	Lower	Upper
178	100		
176	16.2	12.8	19.2
179	17.1	13.0	19.6

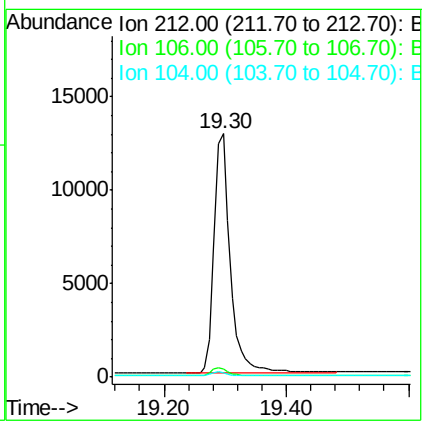


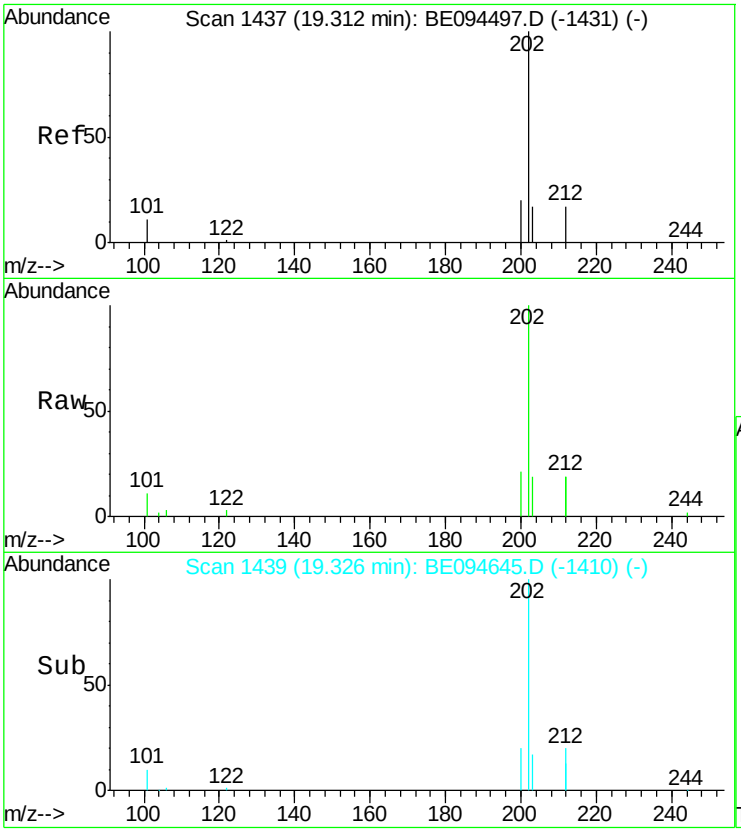


#25
Fluoranthene-d10
Concen: 0.24 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:212 Resp: 23201

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4



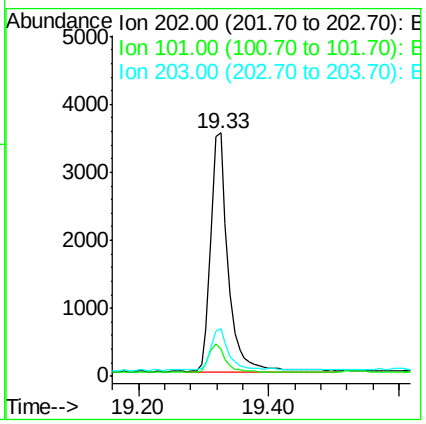


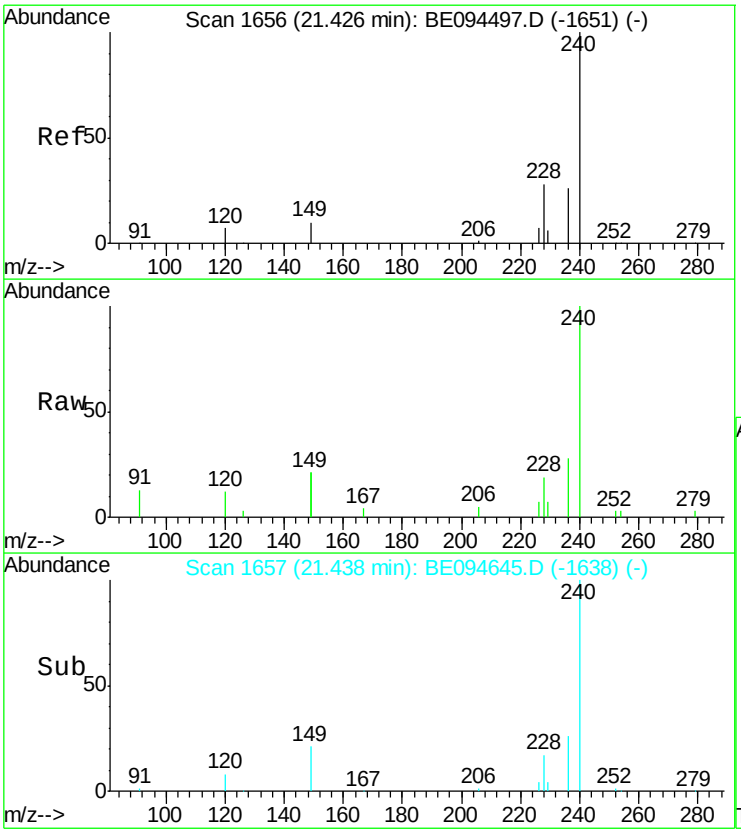
#26
Fluoranthene
Concen: 0.22 ng
RT: 19.33 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6600

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.3	13.7	20.5

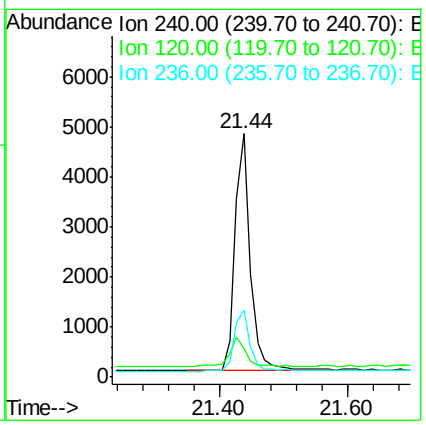


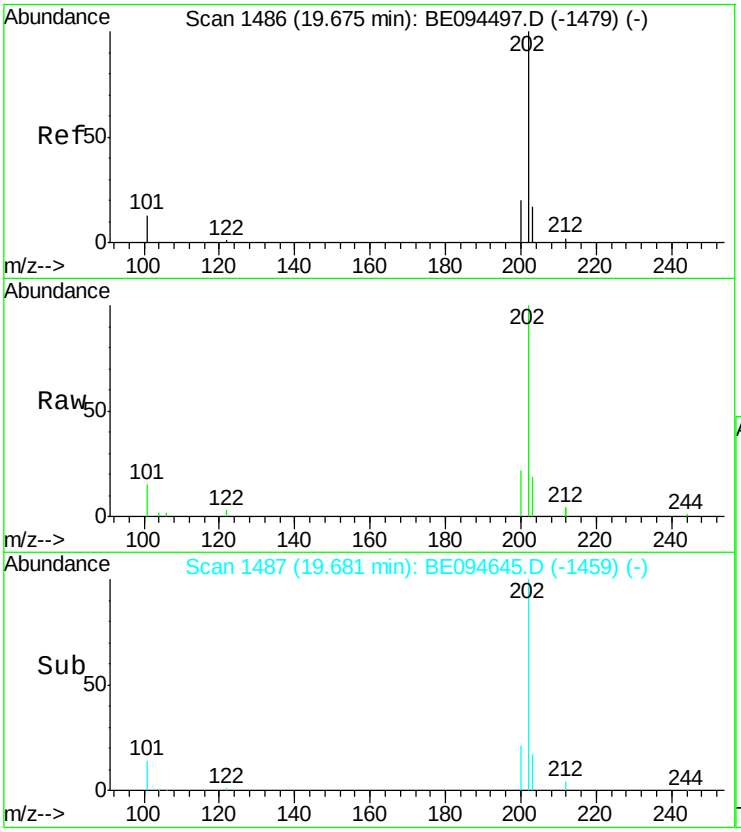


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:240 Resp: 7976

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.5	8.3#
236	27.6	20.7	31.1



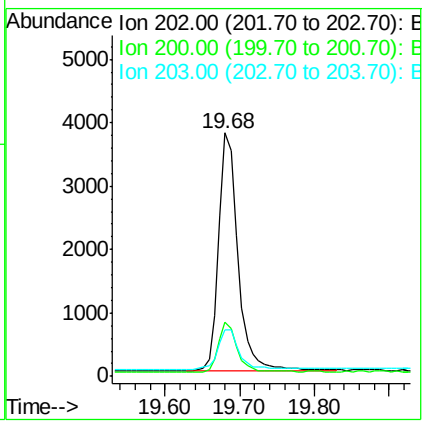


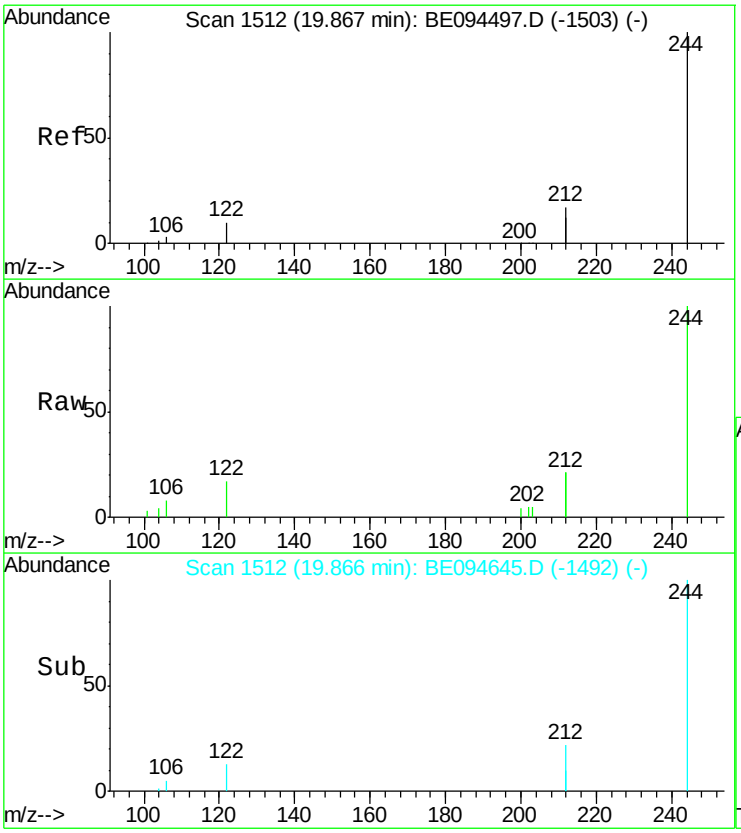
#28
Pyrene
Concen: 0.24 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6827

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	18.4	13.8	20.8

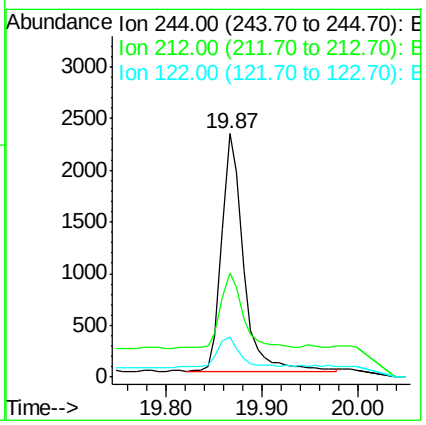


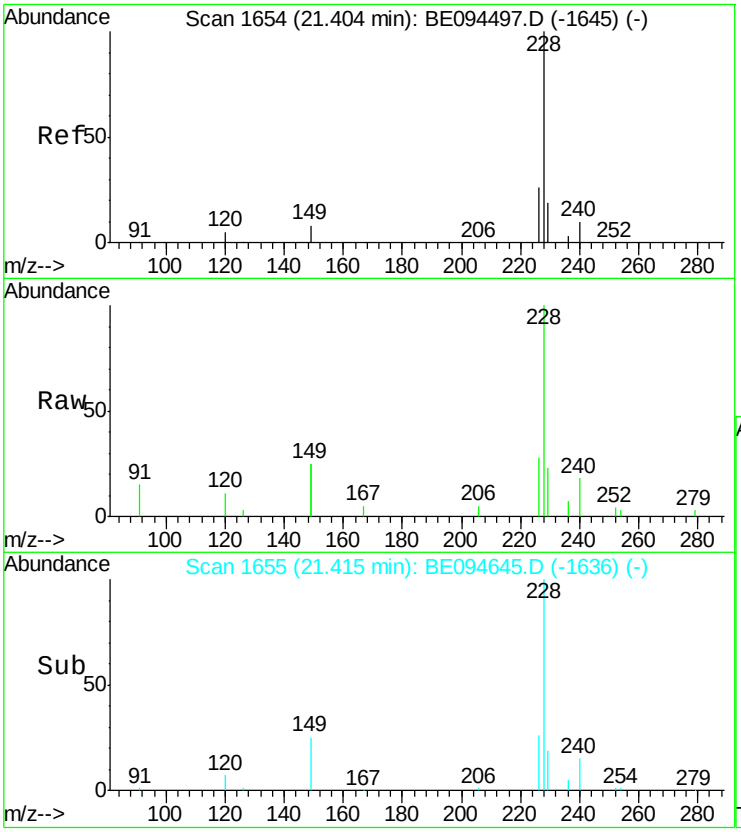


#29
Terphenyl-d14
Concen: 0.24 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:244 Resp: 3610

Ion	Ratio	Lower	Upper
244	100		
212	42.7	25.4	38.0#
122	16.6	8.1	12.1#



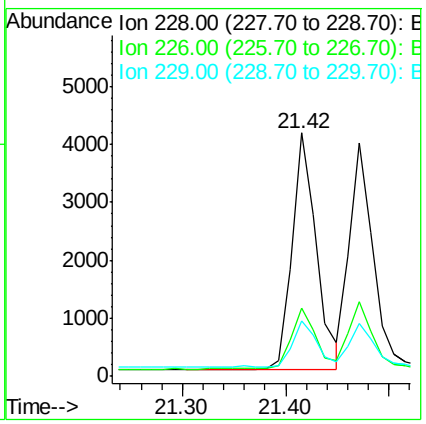


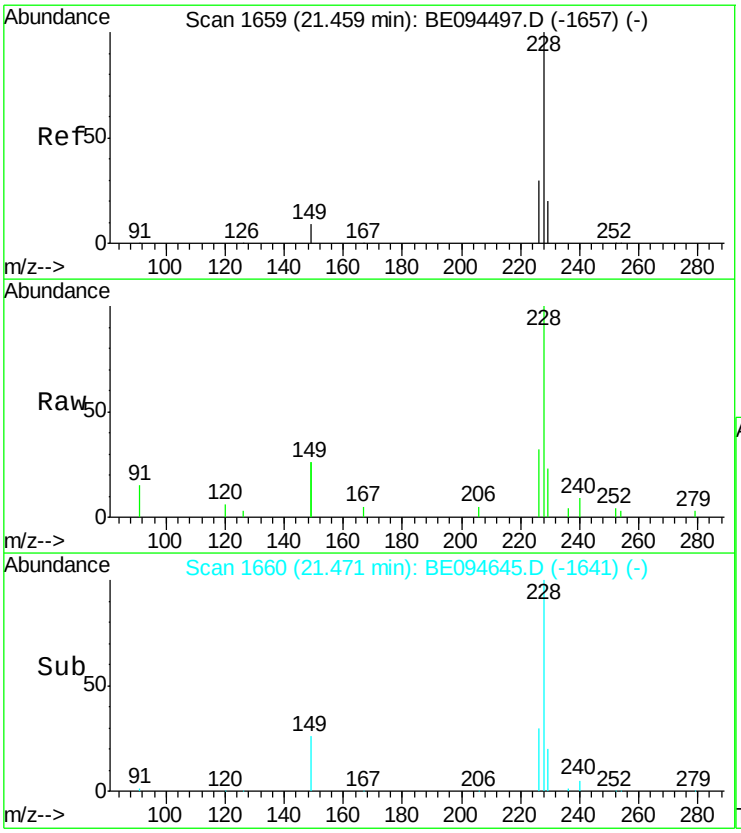
#30
Benzo(a)anthracene
Concen: 0.26 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6647

Ion	Ratio	Lower	Upper
228	100		
226	28.3	40.0	60.0#
229	22.6	40.0	60.0#

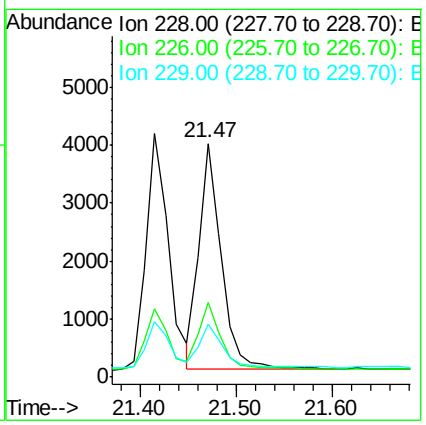


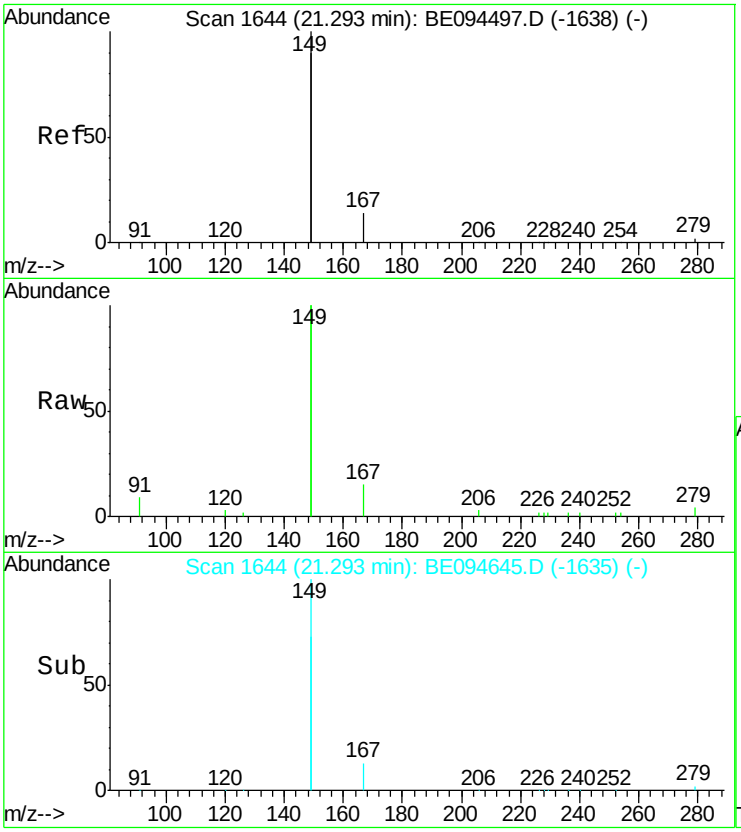


#31
Chrysene
Concen: 0.24 ng
RT: 21.47 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:228 Resp: 6327

Ion	Ratio	Lower	Upper
228	100		
226	31.9	40.0	60.0#
229	22.8	40.0	60.0#



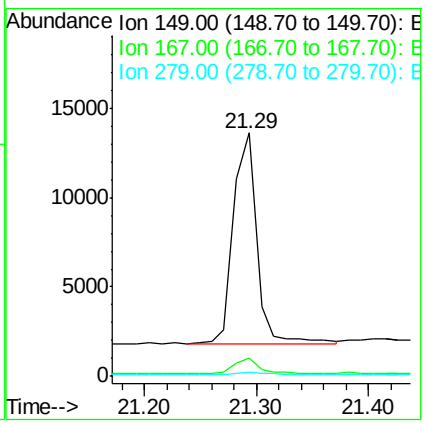


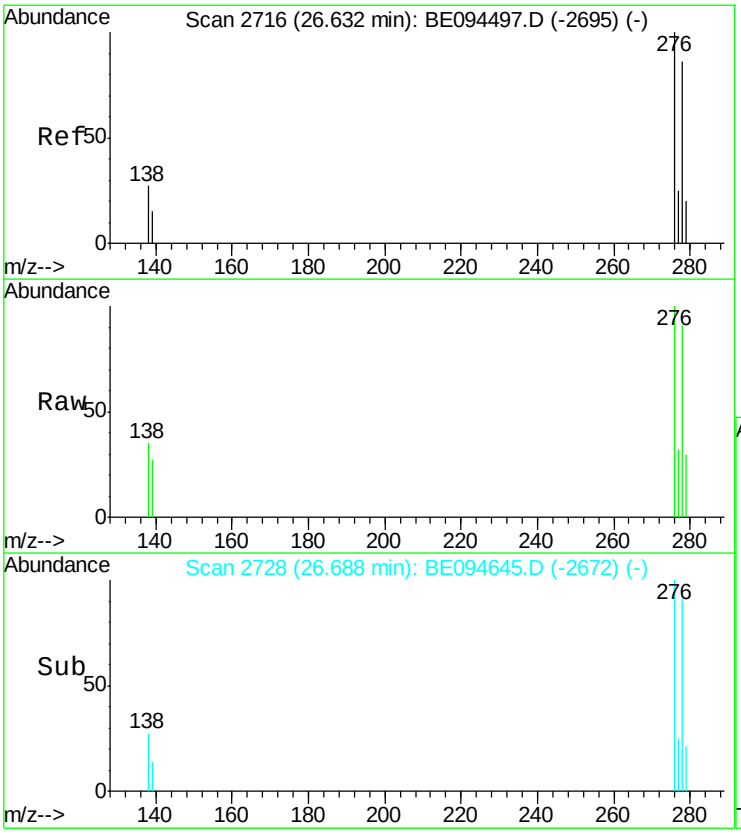
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 17094

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.3	0.7	1.1#

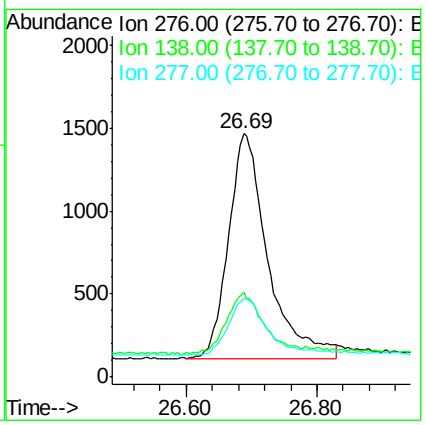


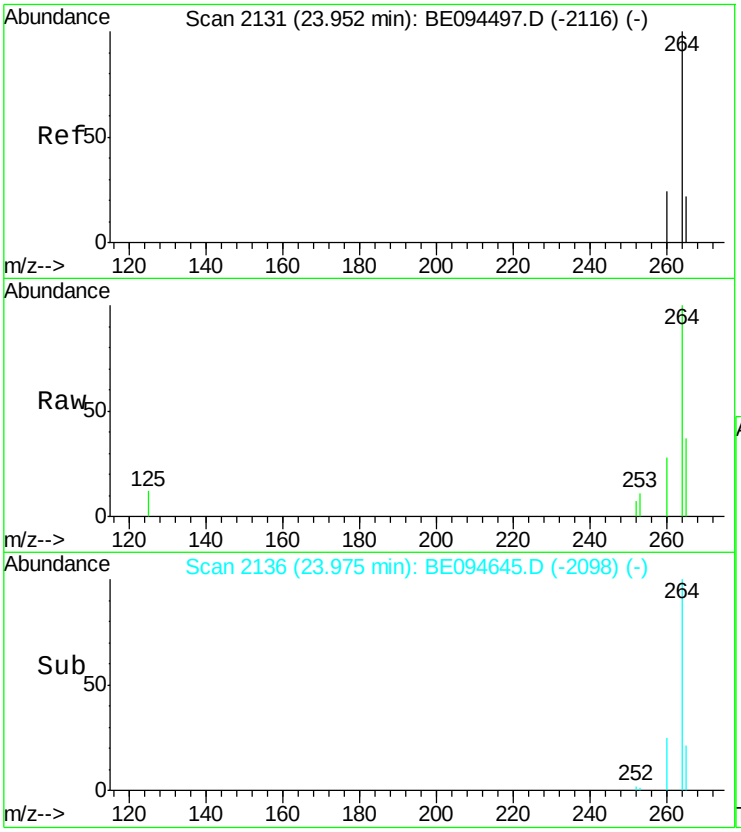


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng
RT: 26.69 min Scan# 2728
Delta R.T. 0.06 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:276 Resp: 5631

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.5	33.7
277	25.0	19.9	29.9



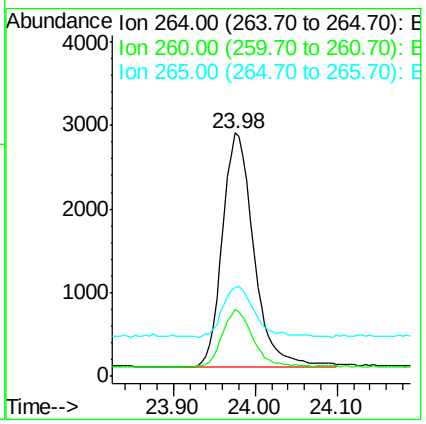


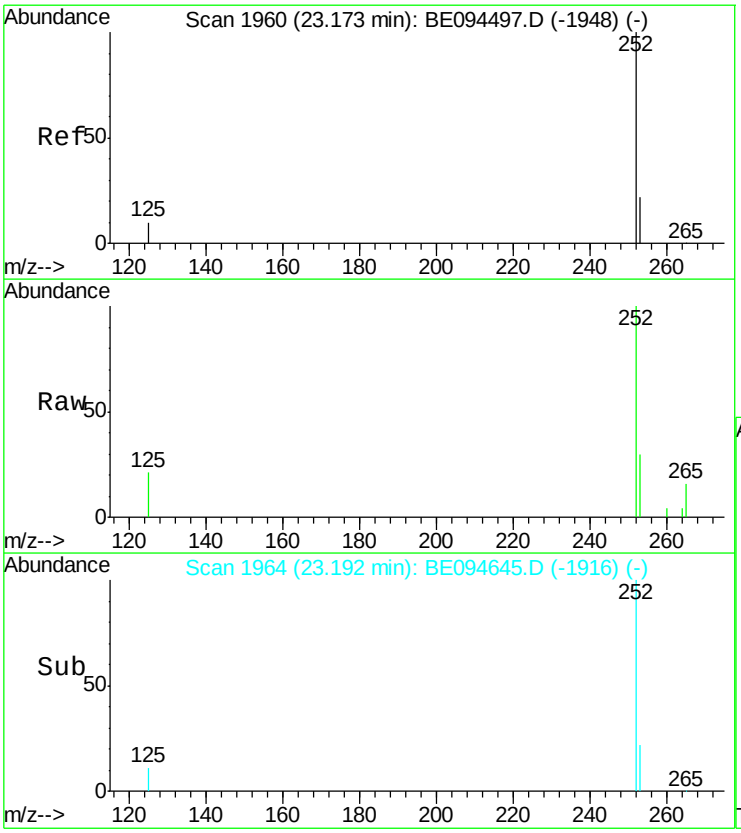
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2136
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7450

Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.5	30.7
265	36.6	22.8	34.2#

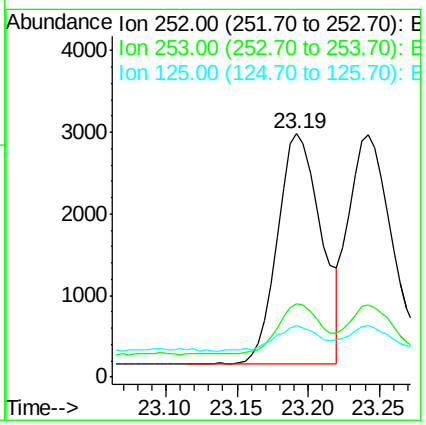


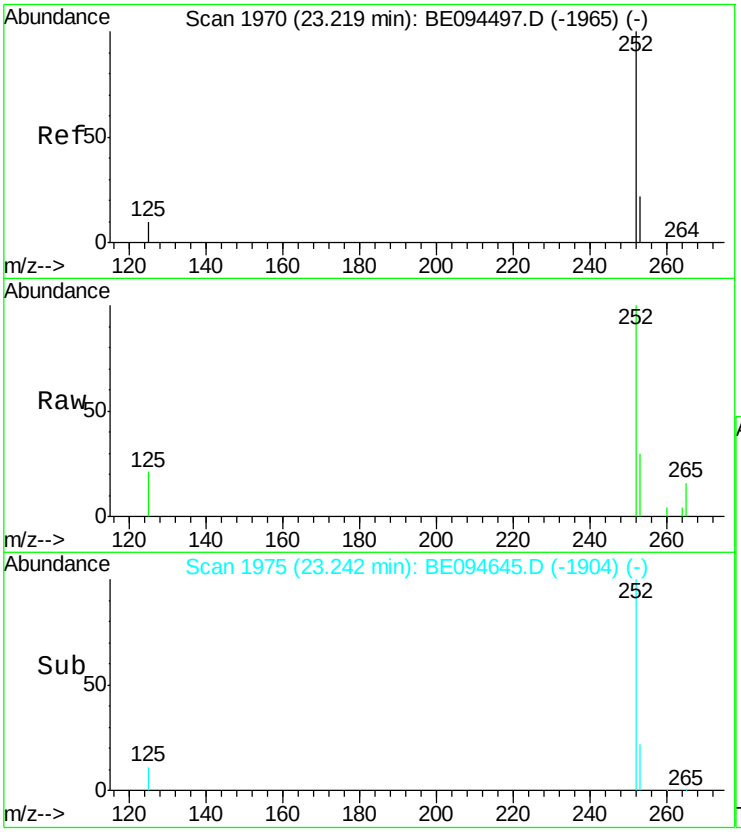


#35
Benzo(b)fluoranthene
Concen: 0.25 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:252 Resp: 6019

Ion	Ratio	Lower	Upper
252	100		
253	30.4	48.0	72.0#
125	21.5	56.0	84.0#



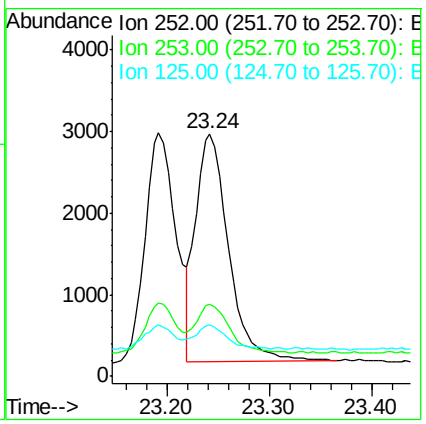


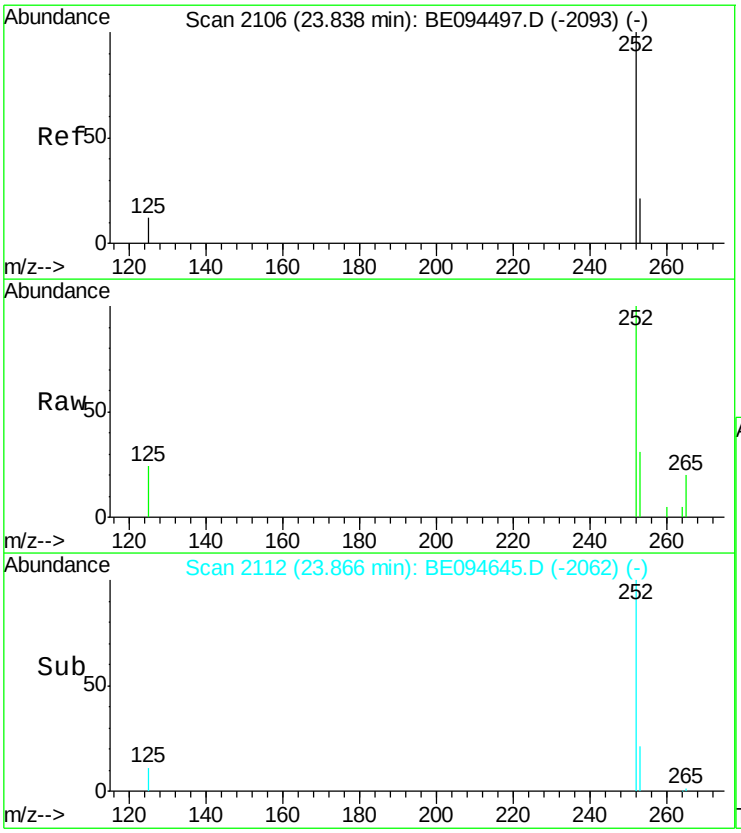
#36
Benzo(k)fluoranthene
Concen: 0.24 ng
RT: 23.24 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6255

Ion	Ratio	Lower	Upper
252	100		
253	29.9	48.0	72.0#
125	21.2	56.0	84.0#

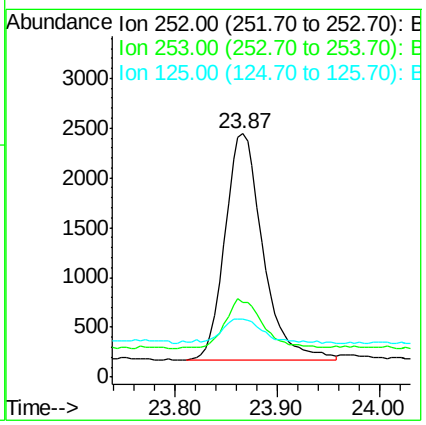


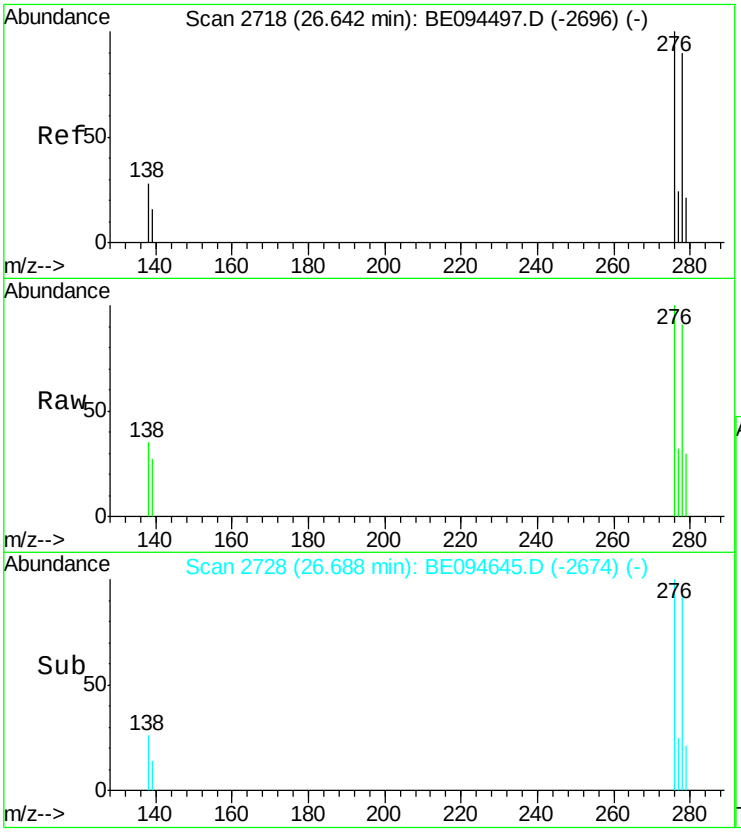


#37
Benzo(a)pyrene
Concen: 0.25 ng
RT: 23.87 min Scan# 2112
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:252 Resp: 5866

Ion	Ratio	Lower	Upper
252	100		
253	30.9	52.0	78.0#
125	24.1	68.0	102.0#



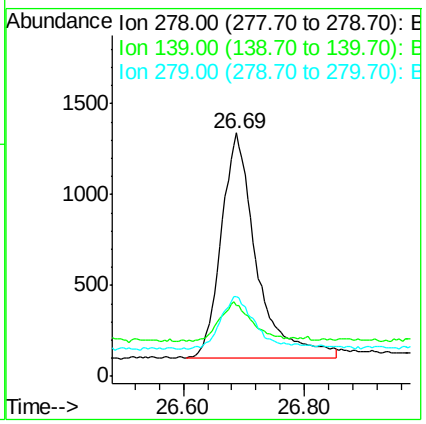


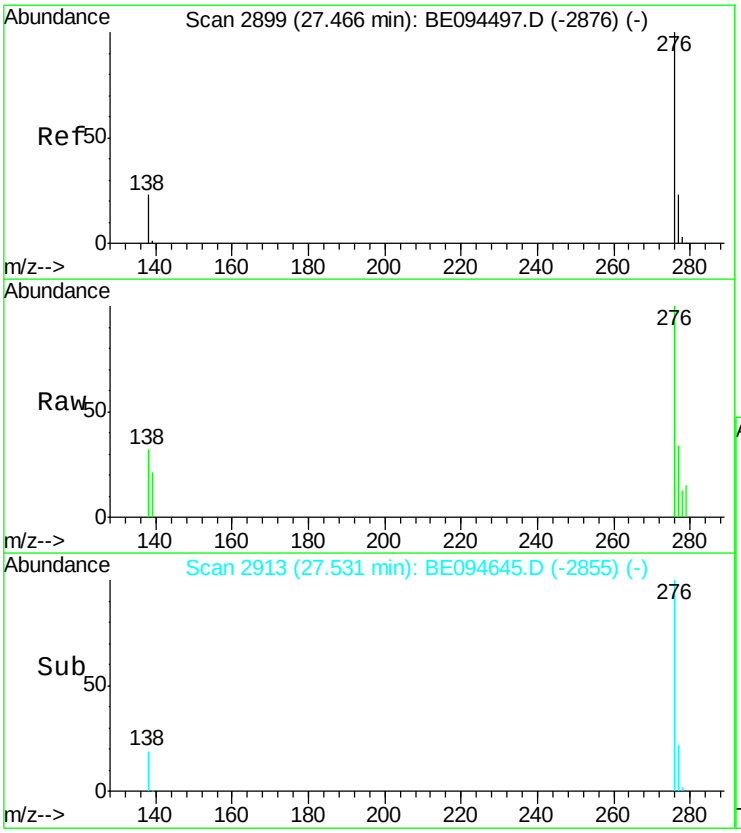
#38
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 26.69 min Scan# 2728
Delta R.T. 0.05 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4986

Ion	Ratio	Lower	Upper
278	100		
139	29.3	56.0	84.0#
279	32.8	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 27.53 min Scan# 2913
Delta R.T. 0.06 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:276 Resp: 4253

Ion	Ratio	Lower	Upper
276	100		
277	33.6	52.0	78.0#
138	32.5	44.0	66.0#