Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094498.D
Acq On : 23 Oct 2017 16:43
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Oct 23 17:31:56 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 17:28:42 2017
Response via : Initial Calibration

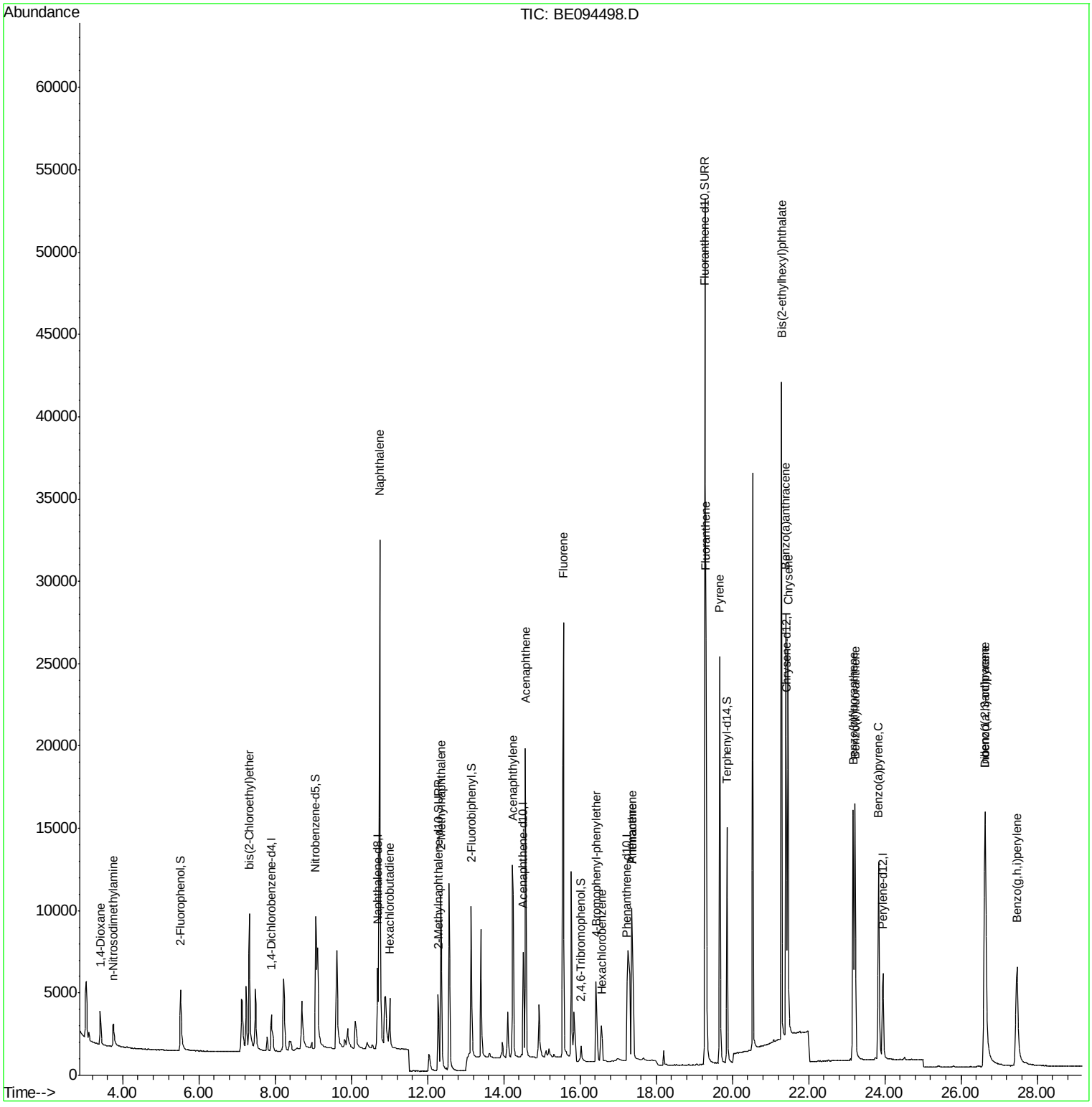
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1183	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6628	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	3909	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	8635	0.40	ng		0.00
27) Chrysene-d12	21.41	240	9421	0.40	ng		-0.01
34) Perylene-d12	23.95	264	8807	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	3338	0.83	ng		-0.01
5) Phenol-d6	0.00	99	0	0.00	ng		
8) Nitrobenzene-d5	9.06	82	4487	0.78	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	8398	0.82	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	988	0.66	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	11087	0.79	ng		0.00
25) Fluoranthene-d10	19.28	212	83472	0.60	ng		0.00
29) Terphenyl-d14	19.86	244	14290	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	1665	0.807	ng	#	88
3) n-Nitrosodimethylamine	3.74	42	1509	0.734	ng	#	84
6) bis(2-Chloroethyl)ether	7.33	93	3862	0.838	ng		89
9) Naphthalene	10.74	128	59319	0.800	ng		99
10) Hexachlorobutadiene	11.01	225	2132	0.720	ng		99
12) 2-Methylnaphthalene	12.35	142	10145	0.830	ng		98
16) Acenaphthylene	14.23	152	16509	0.779	ng		100
17) Acenaphthene	14.57	154	10616	0.795	ng		98
18) Fluorene	15.56	166	13724	0.797	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	3870	0.896	ng	#	60
21) Hexachlorobenzene	16.58	284	2924	0.371	ng	#	38
23) Phenanthrene	17.37	178	19557	0.575	ng		99
24) Anthracene	17.37	178	19710	0.751	ng	#	94
26) Fluoranthene	19.31	202	25397	0.602	ng		99
28) Pyrene	19.67	202	26427	0.743	ng		100
30) Benzo(a)anthracene	21.40	228	23850	0.732	ng	#	62
31) Chrysene	21.46	228	25297	0.807	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.29	149	56474	0.602	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	22865	0.724	ng		100
35) Benzo(b)fluoranthene	23.17	252	22971	0.769	ng	#	39
36) Benzo(k)fluoranthene	23.21	252	24534	0.834	ng	#	39
37) Benzo(a)pyrene	23.83	252	22340	0.796	ng	#	33
38) Dibenzo(a,h)anthracene	26.63	278	19921	0.750	ng	#	44
39) Benzo(g,h,i)perylene	27.47	276	18639	0.729	ng	#	54

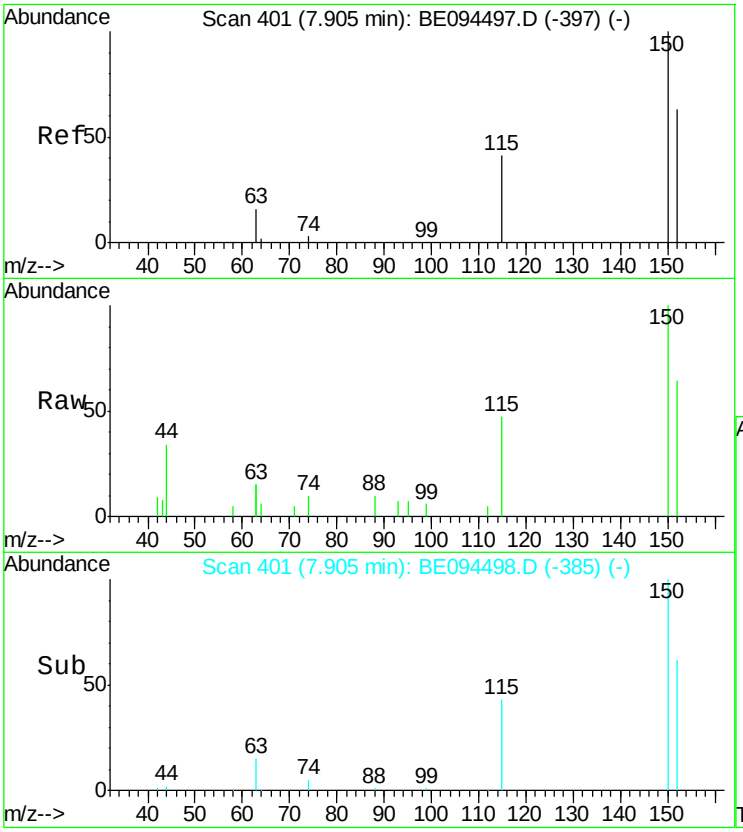
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094498.D
Acq On : 23 Oct 2017 16:43
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 23 17:31:56 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 17:28:42 2017
Response via : Initial Calibration



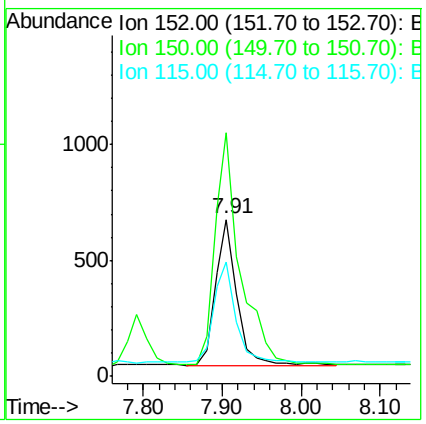


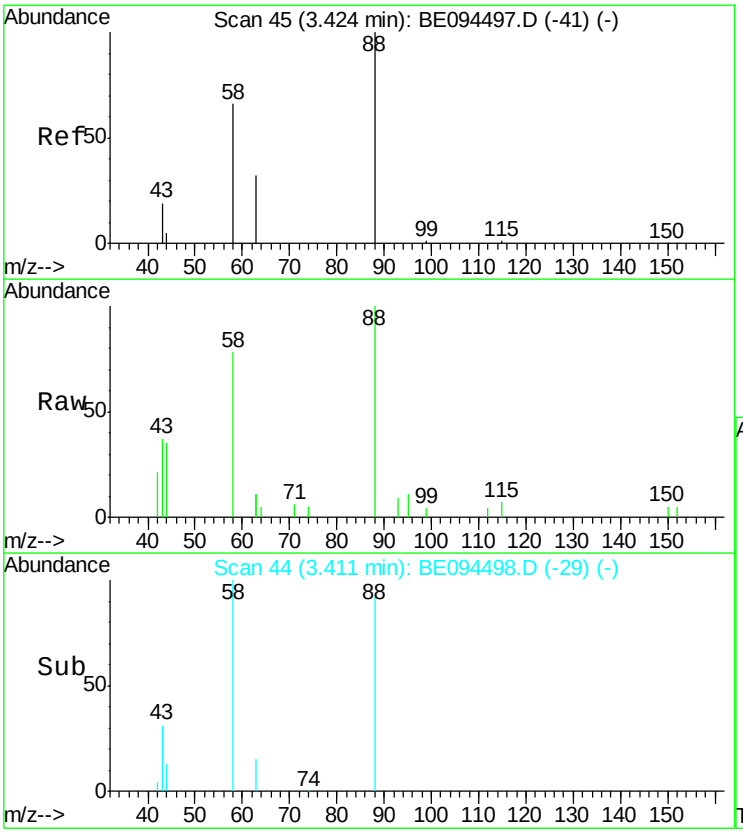
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1183

Ion	Ratio	Lower	Upper
152	100		
150	155.2	117.2	175.8
115	73.1	57.0	85.6

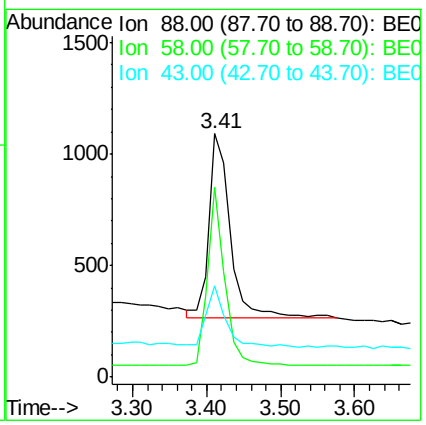


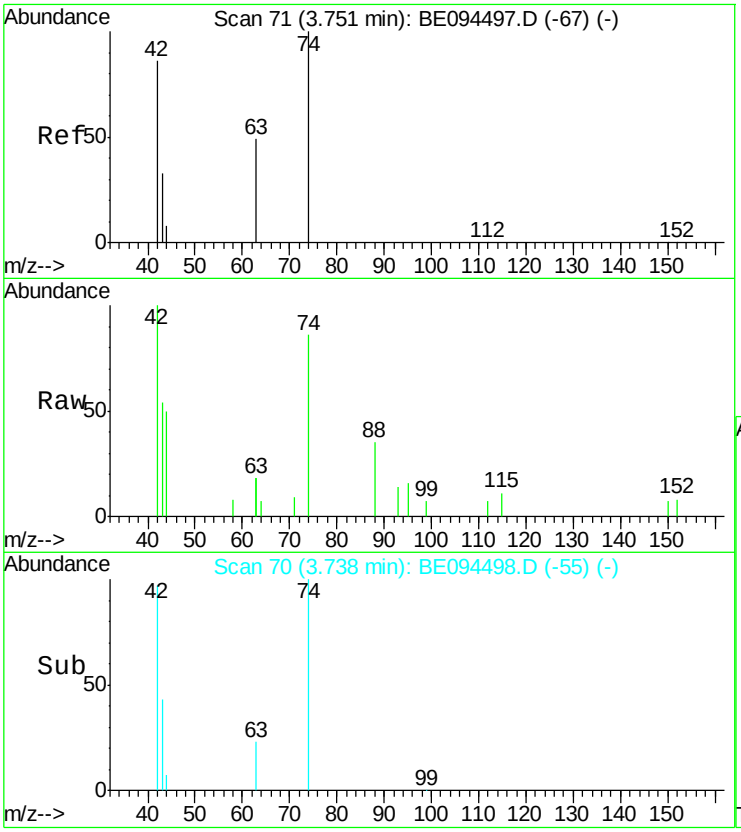


#2
1,4-Dioxane
Concen: 0.807 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion: 88 Resp: 1665

Ion	Ratio	Lower	Upper
88	100		
58	78.3	63.2	94.8
43	32.0	41.2	61.8#



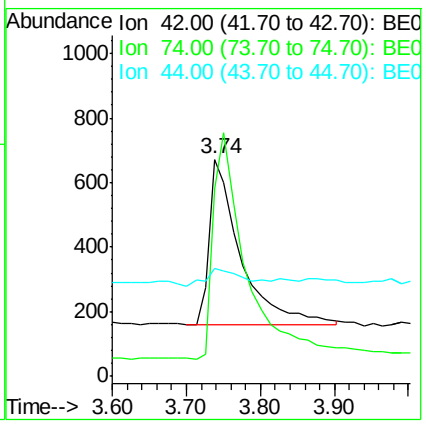


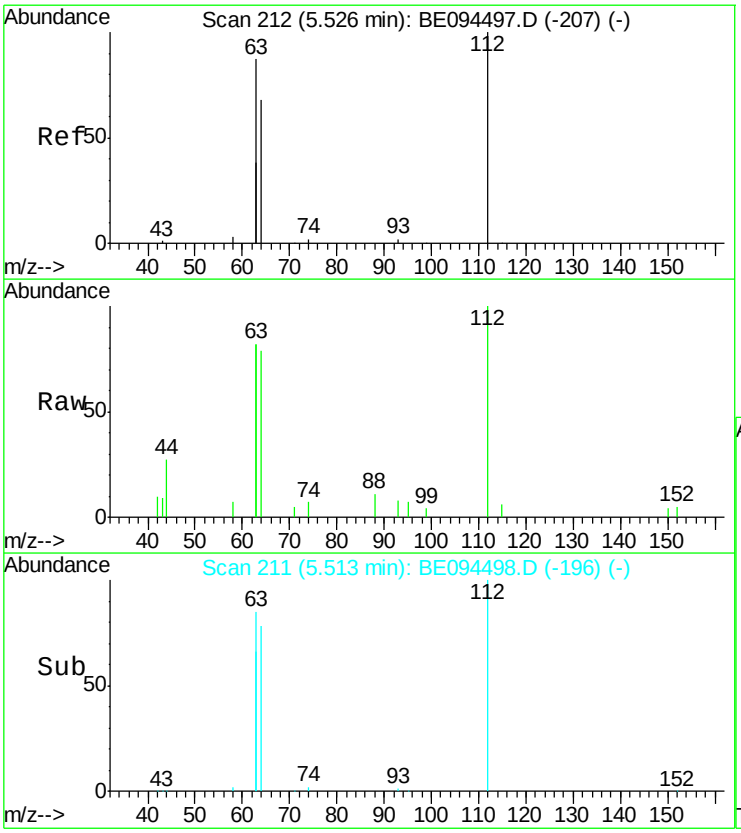
#3
n-Nitrosodimethylamine
Concen: 0.734 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1509

Ion	Ratio	Lower	Upper
42	100		
74	143.4	100.3	150.5
44	13.0	17.0	25.4#

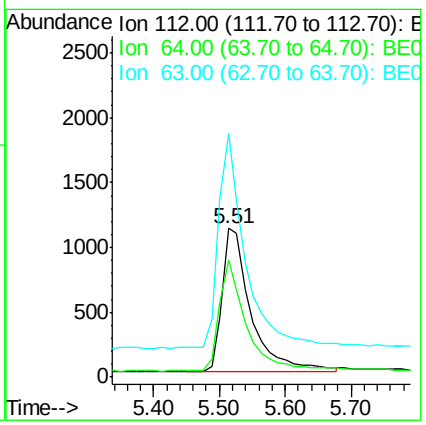


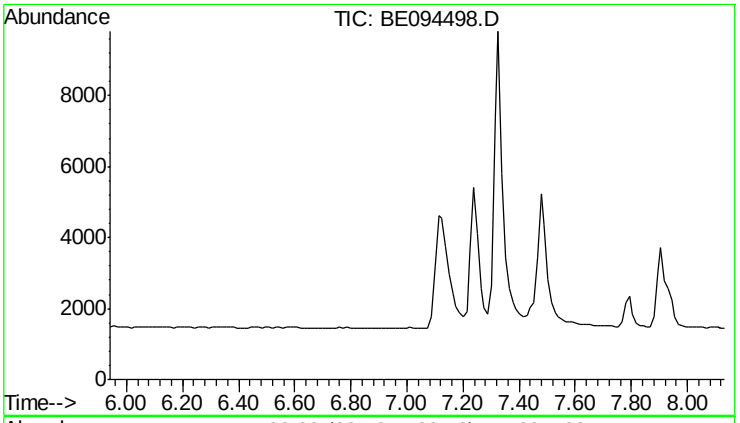


#4
2-Fluorophenol
Concen: 0.835 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:112 Resp: 3338

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	142.0	116.8	175.2





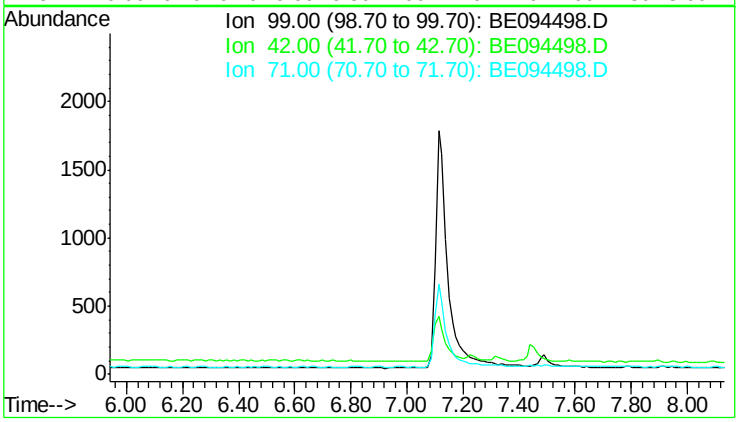
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.14 min

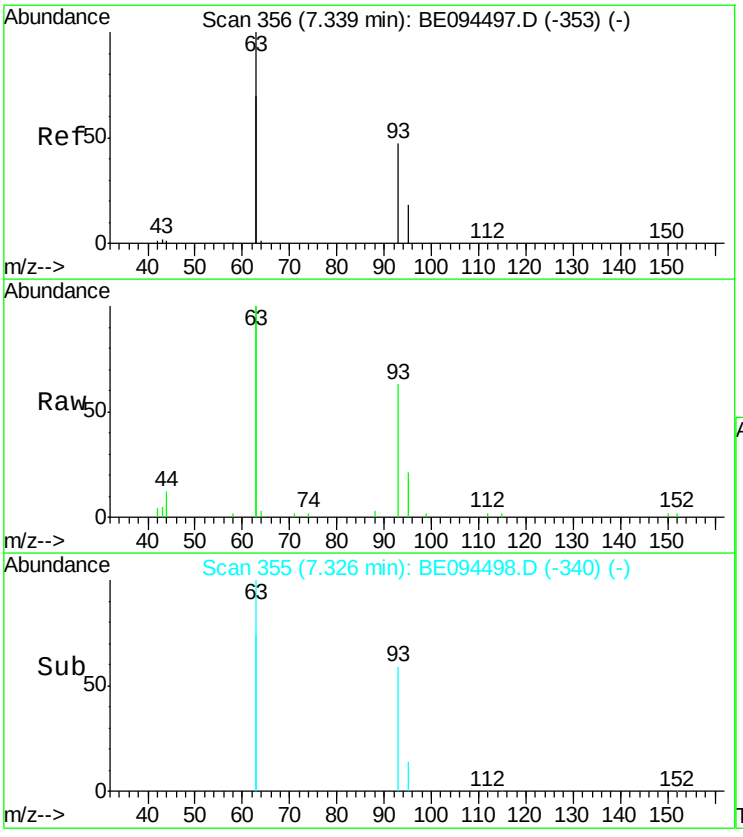
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.2
71	35.5

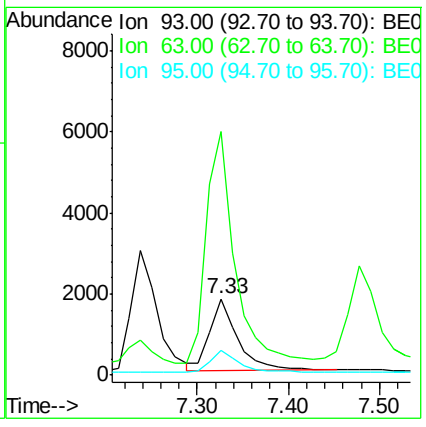


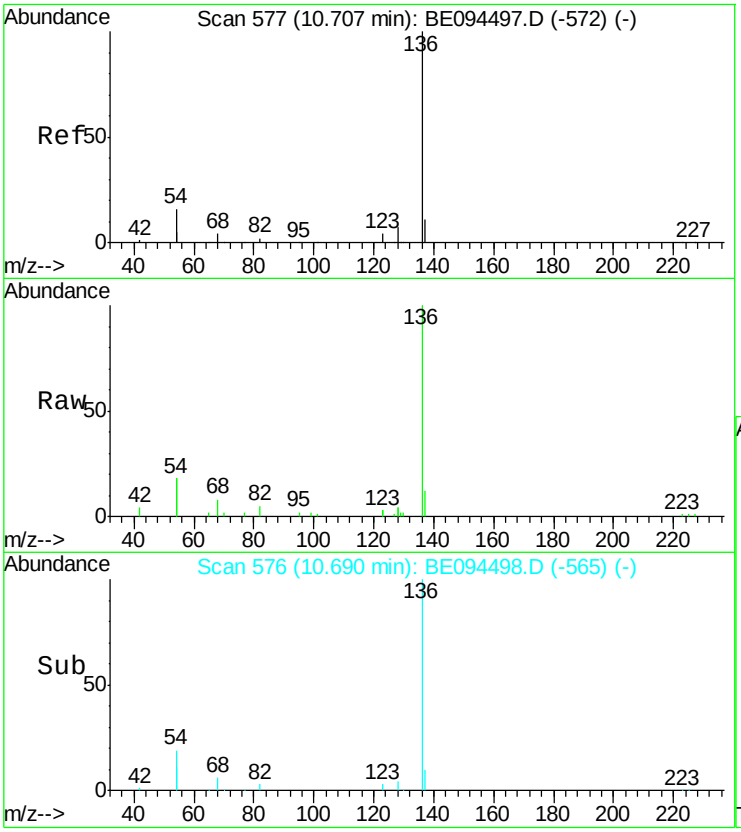


#6
bis(2-Chloroethyl)ether
Concen: 0.838 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion: 93 Resp: 3862

Ion	Ratio	Lower	Upper
93	100		
63	319.0	275.3	412.9
95	30.0	25.2	37.8



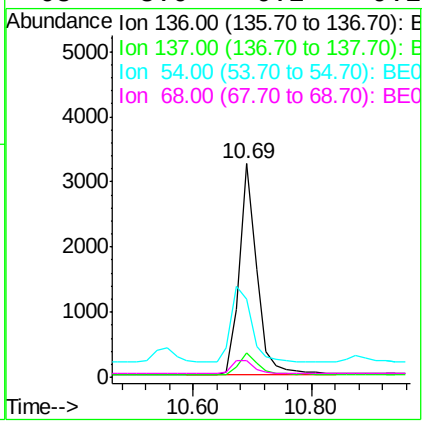


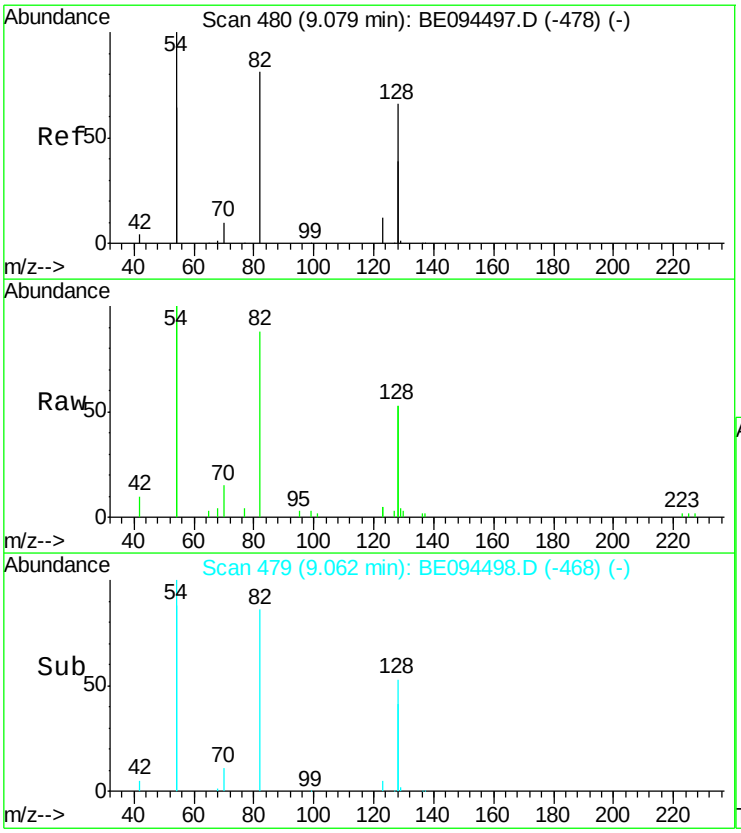
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 6628

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	36.6	29.1	43.7
68	8.0	6.2	9.2

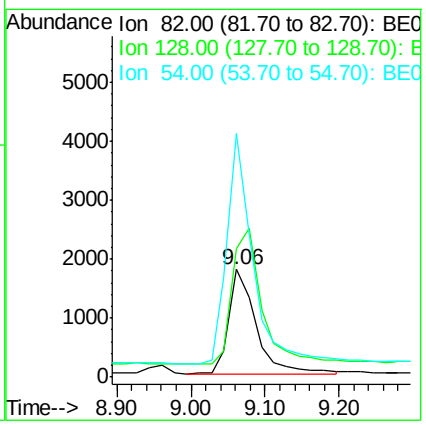


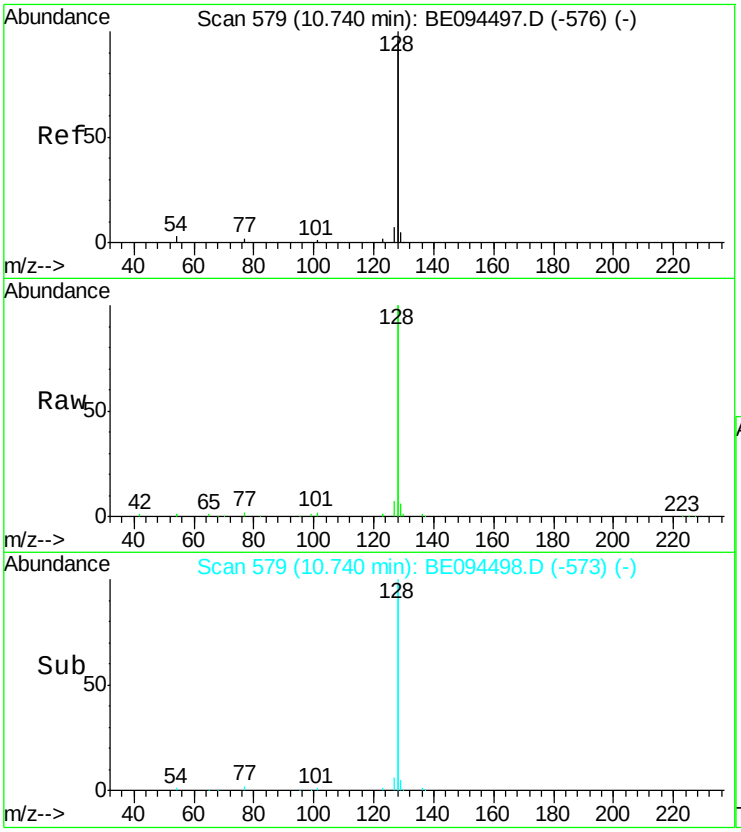


#8
Nitrobenzene-d5
Concen: 0.779 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion: 82 Resp: 4487

Ion	Ratio	Lower	Upper
82	100		
128	119.5	150.0	225.0#
54	226.3	154.2	231.4



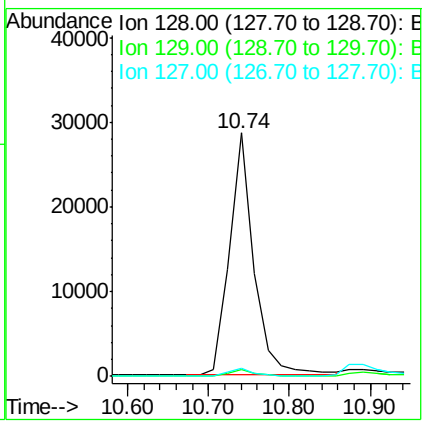


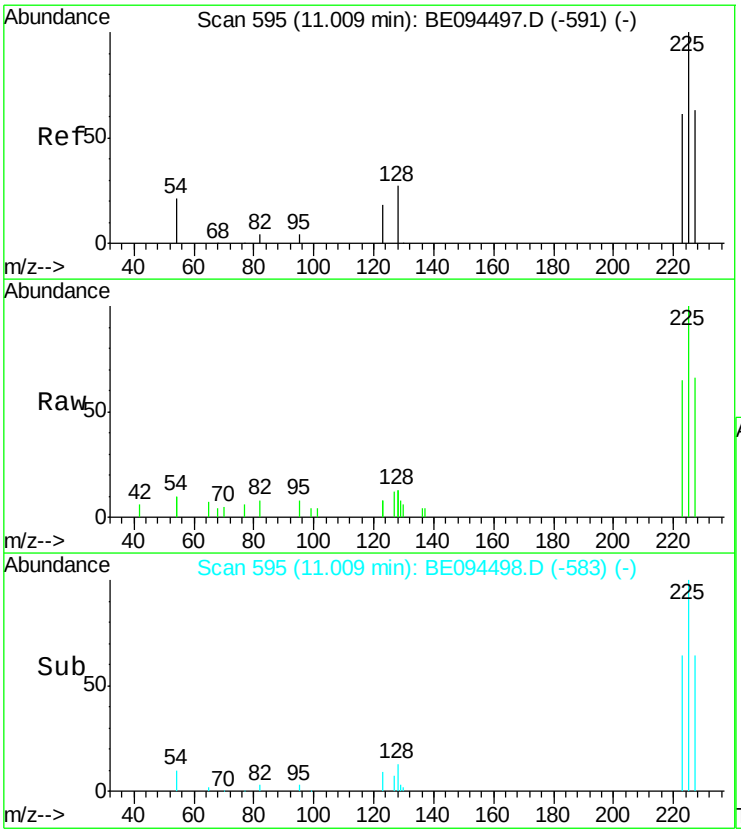
#9
Naphthalene
Concen: 0.800 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 59319

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.3	2.8	4.2

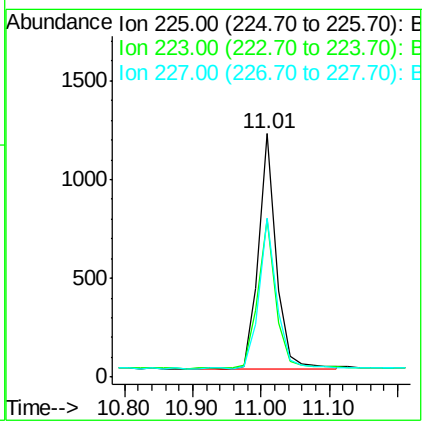


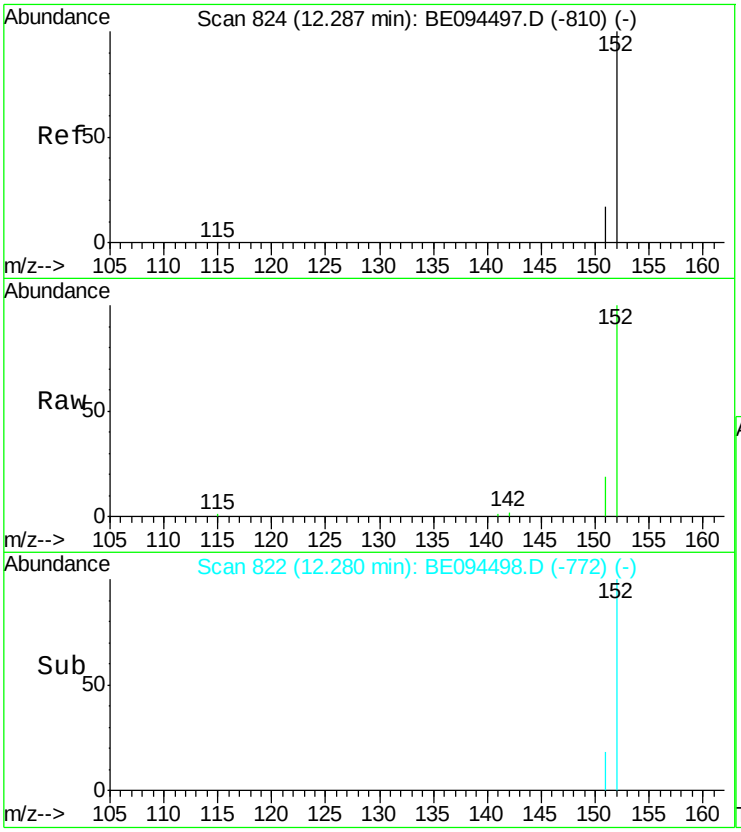


#10
Hexachlorobutadiene
Concen: 0.720 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:225 Resp: 2132

Ion	Ratio	Lower	Upper
225	100		
223	65.3	53.0	79.6
227	64.4	51.4	77.2



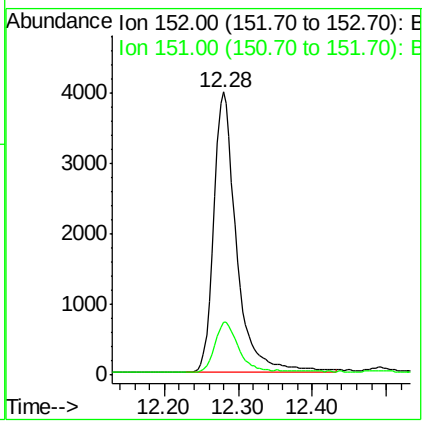


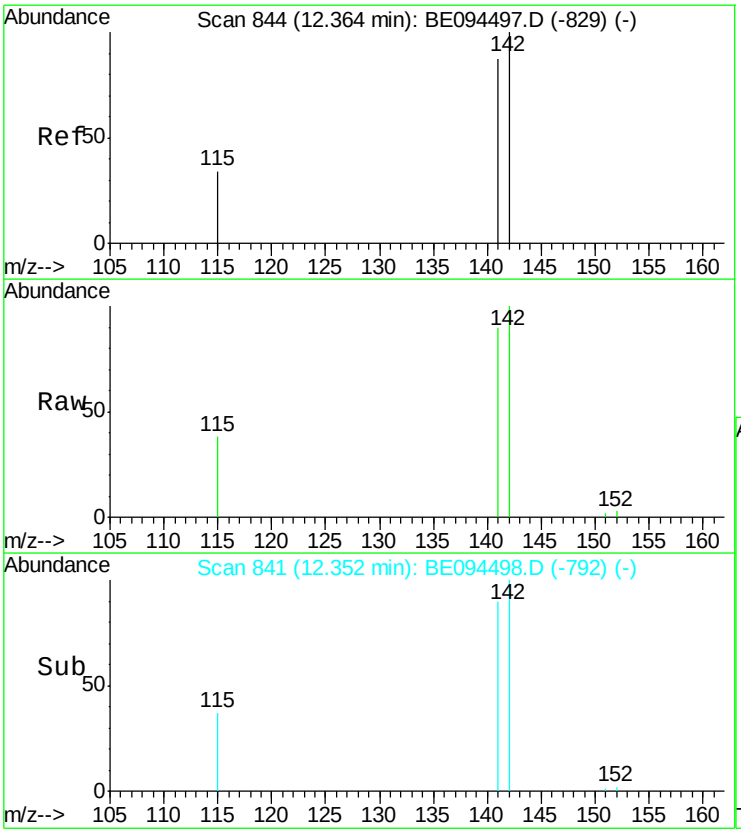
#11
2-Methylnaphthalene-d10
Concen: 0.822 ng
RT: 12.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 8398

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

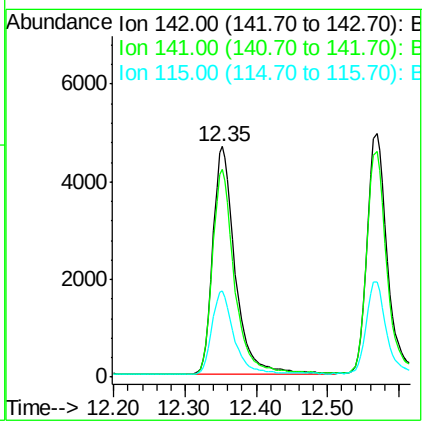


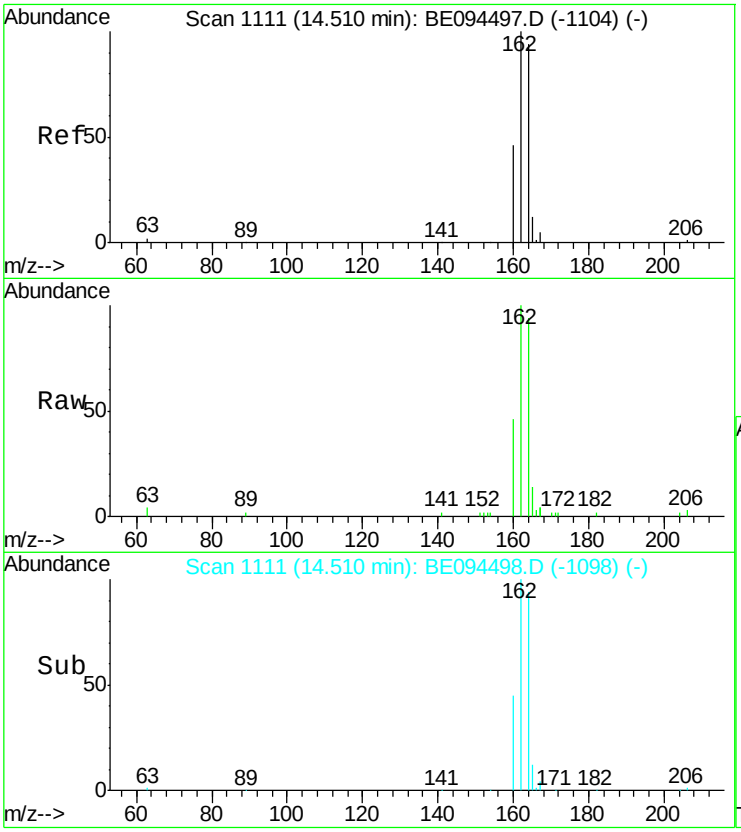


#12
2-Methylnaphthalene
Concen: 0.830 ng
RT: 12.35 min Scan# 841
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:142 Resp: 10145

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	37.5	31.7	47.5



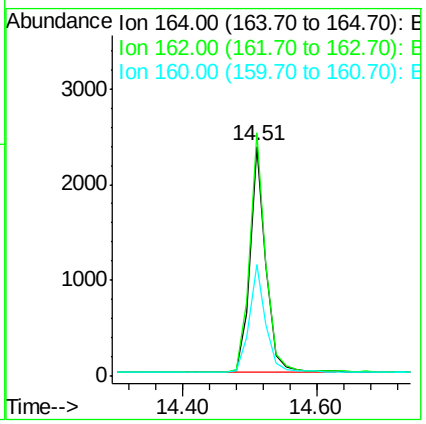


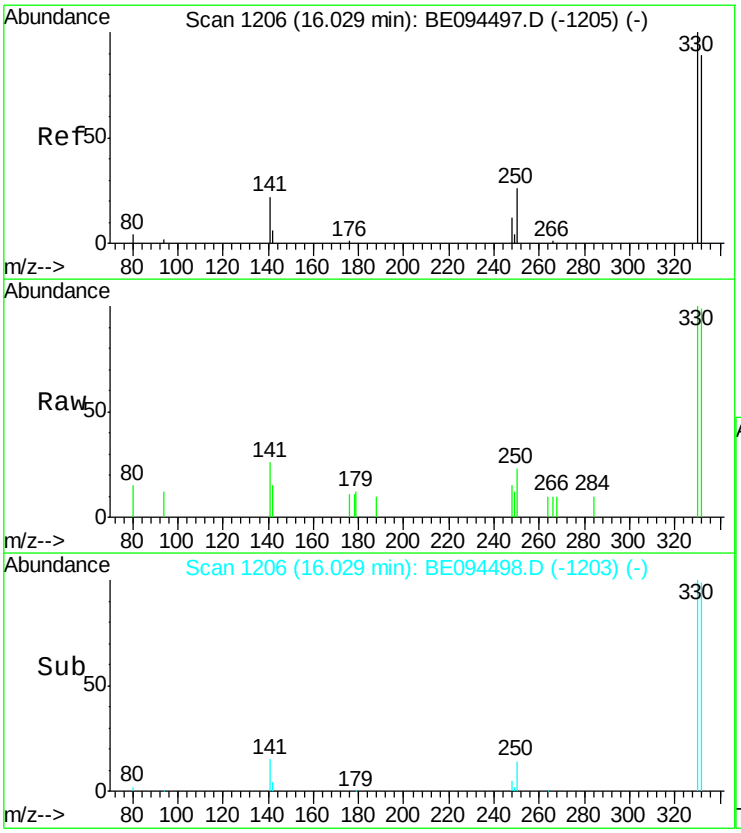
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 3909

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.1	124.7
160	48.8	37.1	55.7

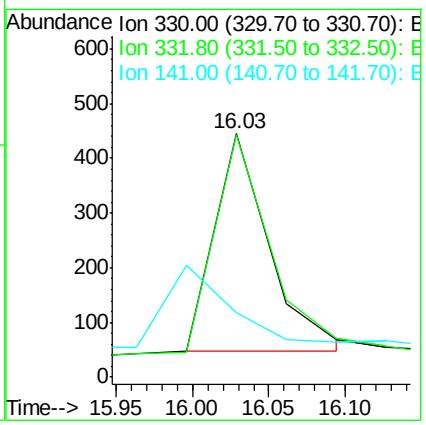


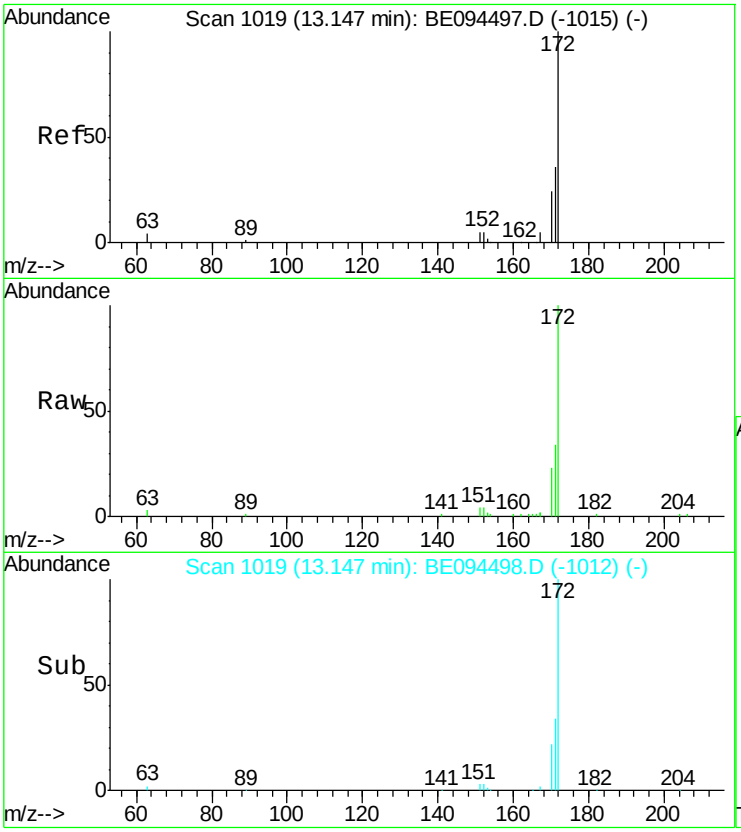


#14
2,4,6-Tribromophenol
Concen: 0.663 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:330 Resp: 988

Ion	Ratio	Lower	Upper
330	100		
332	102.9	152.7	229.1#
141	0.0	33.7	50.5#



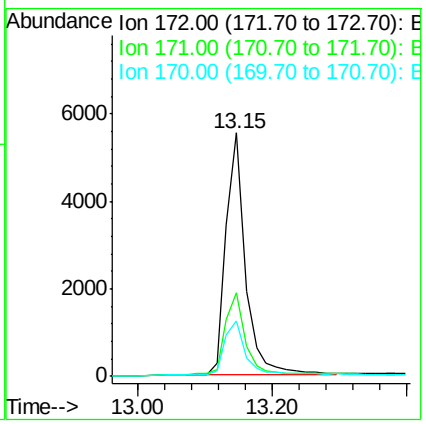


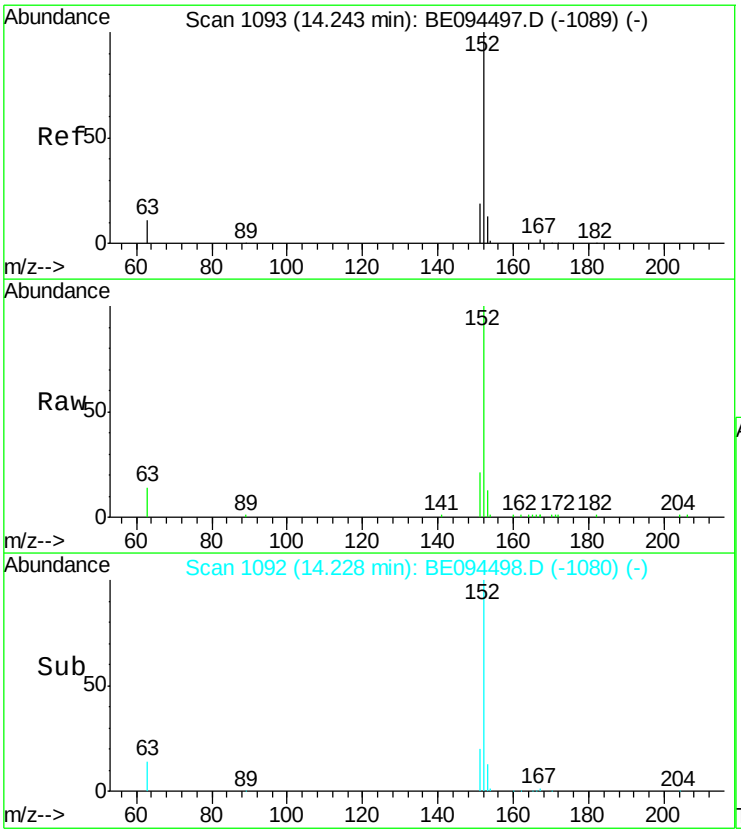
#15
2-Fluorobiphenyl
Concen: 0.795 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11087

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	22.6	21.8	32.8

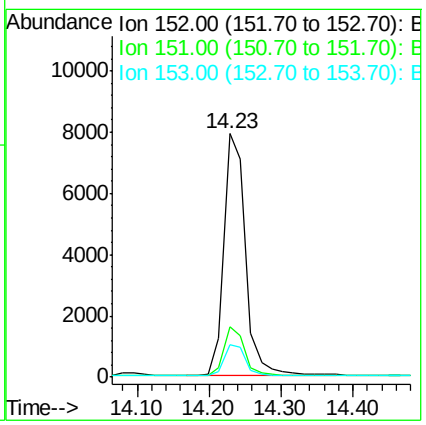


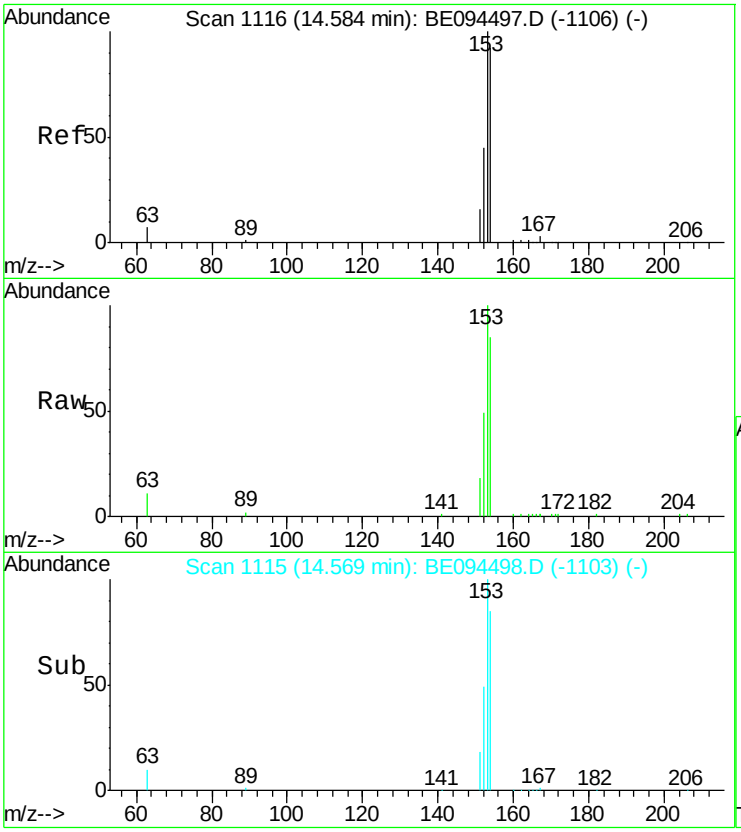


#16
Acenaphthylene
Concen: 0.779 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:152 Resp: 16509

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7



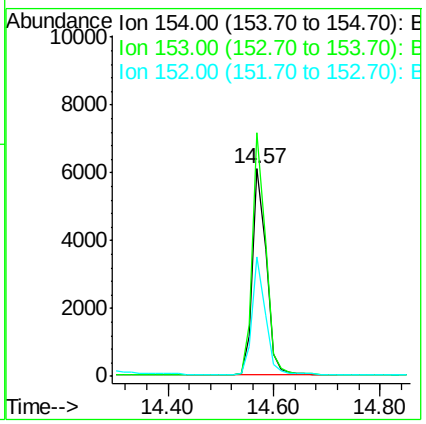


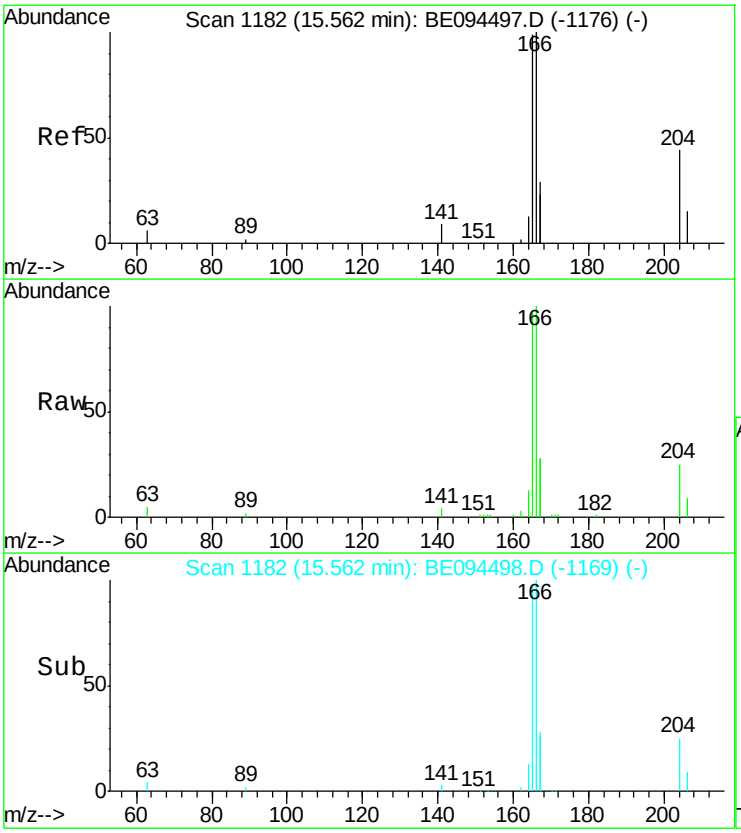
#17
Acenaphthene
Concen: 0.795 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 10616

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	54.6	42.0	63.0

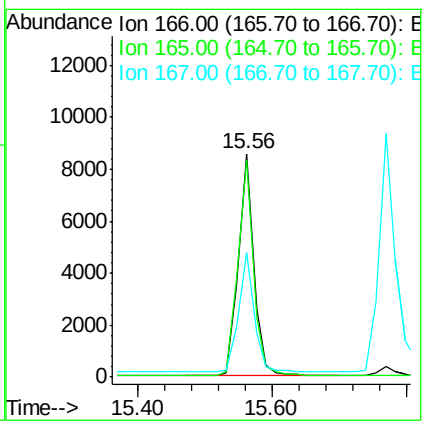


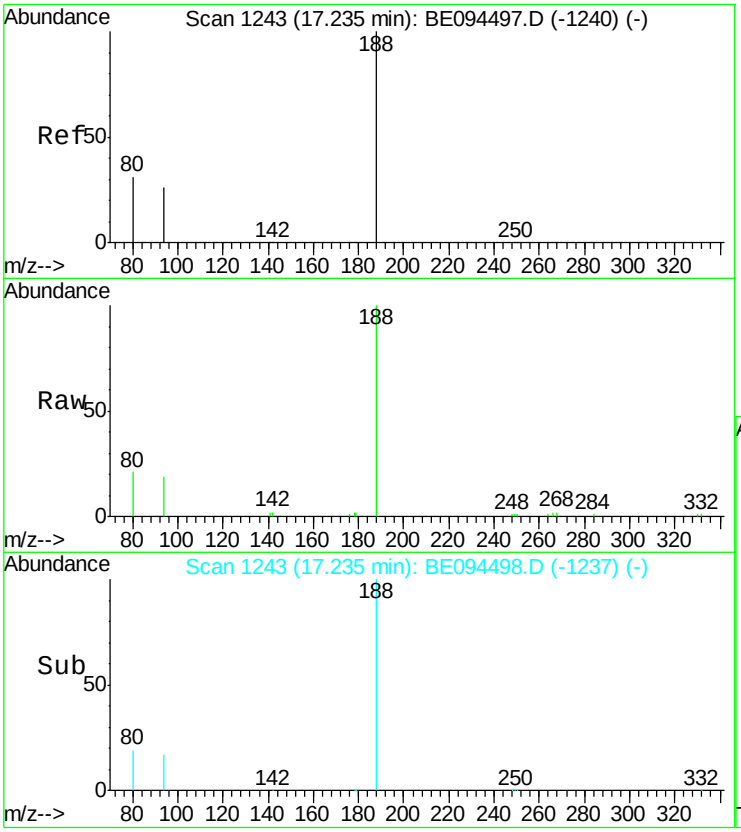


#18
Fluorene
Concen: 0.797 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:166 Resp: 13724

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	54.1	42.4	63.6



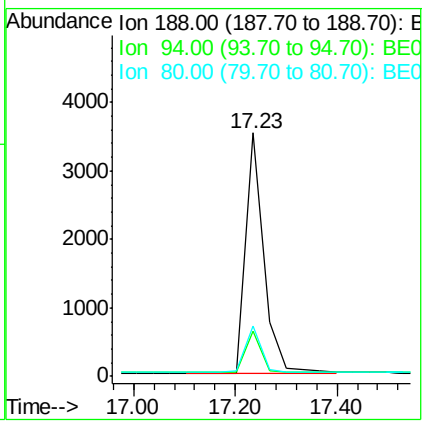


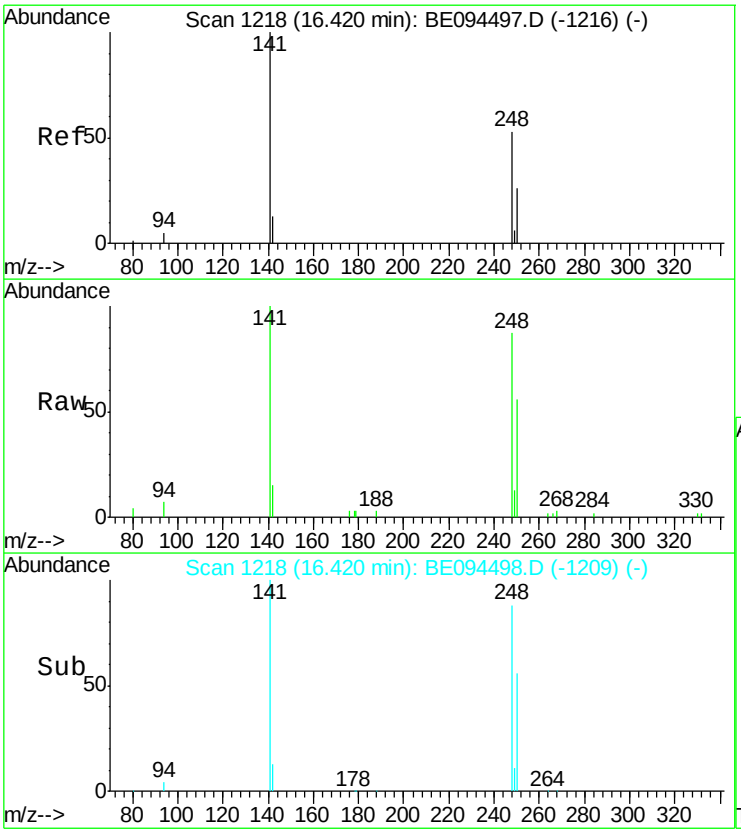
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 8635

Ion	Ratio	Lower	Upper
188	100		
94	18.7	3.9	5.9#
80	20.5	3.6	5.4#

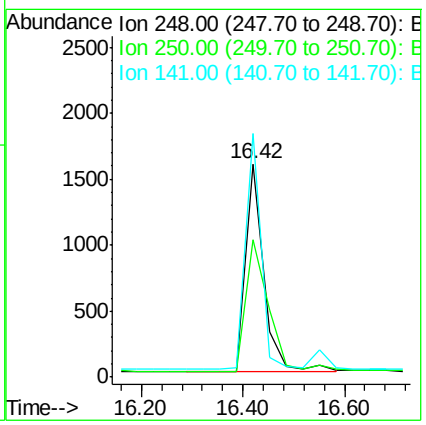


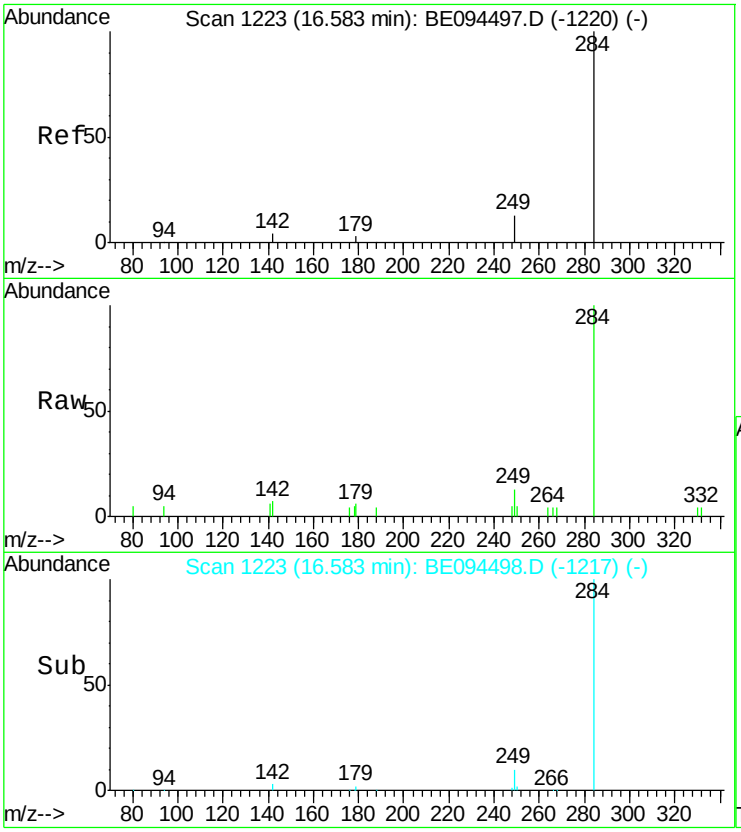


#20
4-Bromophenyl-phenylether
Concen: 0.896 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:248 Resp: 3870

Ion	Ratio	Lower	Upper
248	100		
250	64.5	62.7	94.1
141	114.4	48.2	72.2#



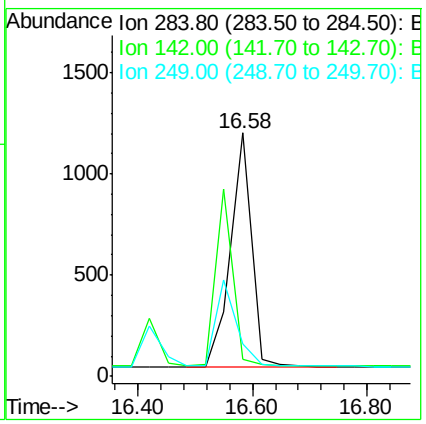


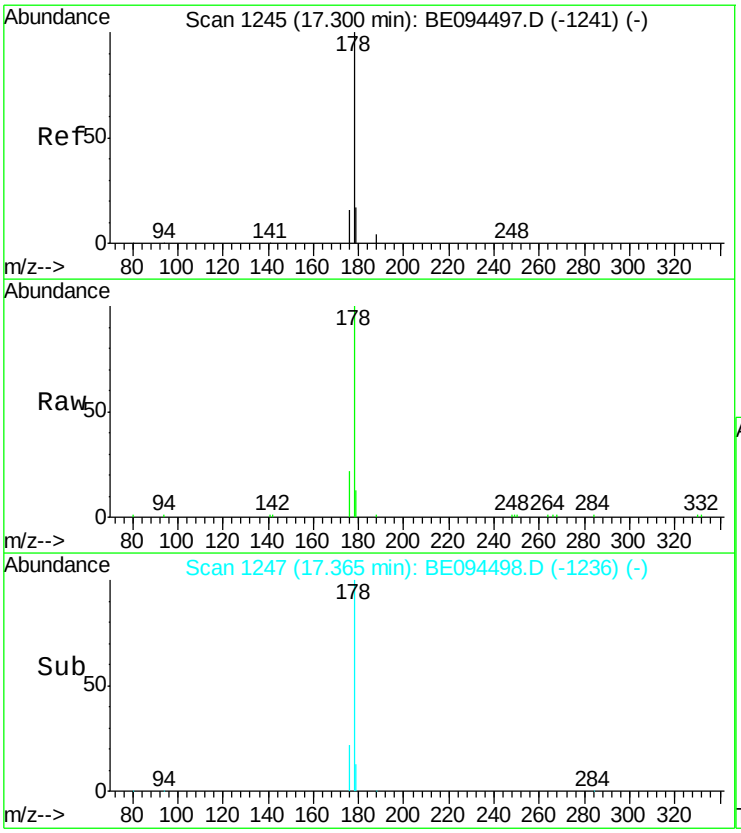
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 2924

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

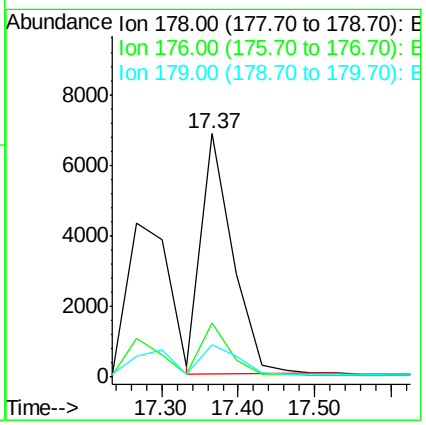


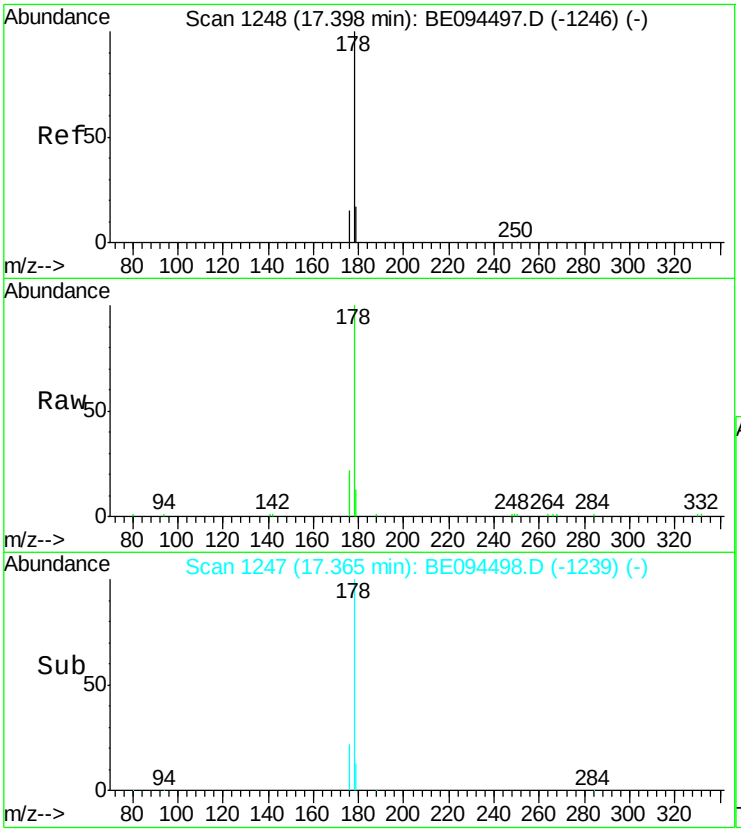


#23
Phenanthrene
Concen: 0.575 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.06 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:178 Resp: 19557

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.3	11.8	17.6



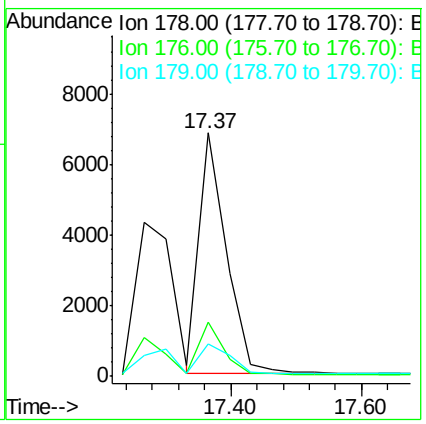


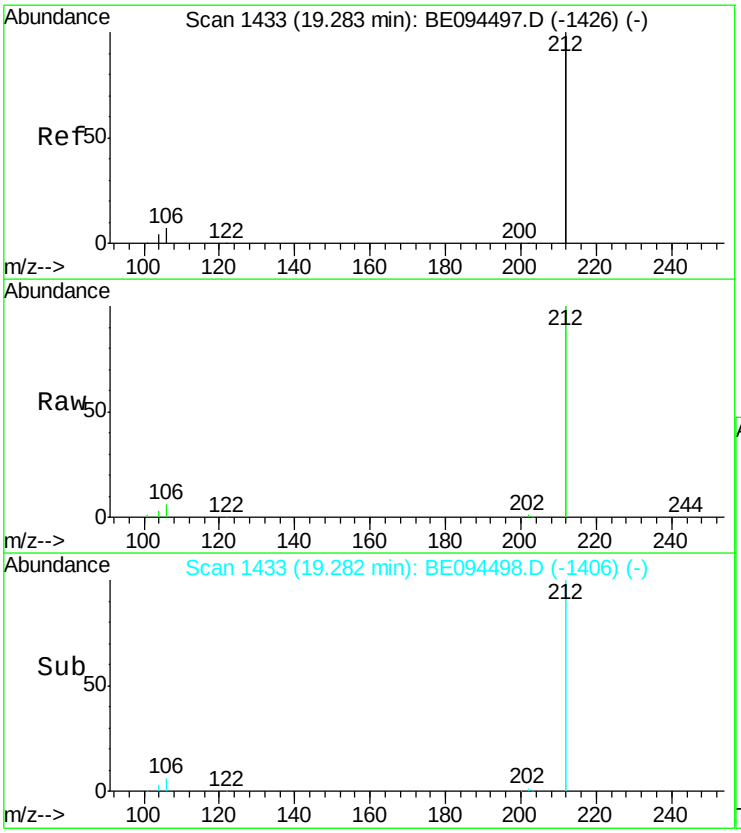
#24
Anthracene
Concen: 0.751 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 19710

Ion	Ratio	Lower	Upper
178	100		
176	19.6	12.8	19.2#
179	14.7	13.0	19.6

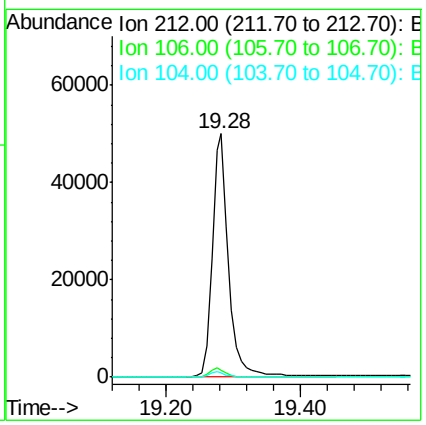


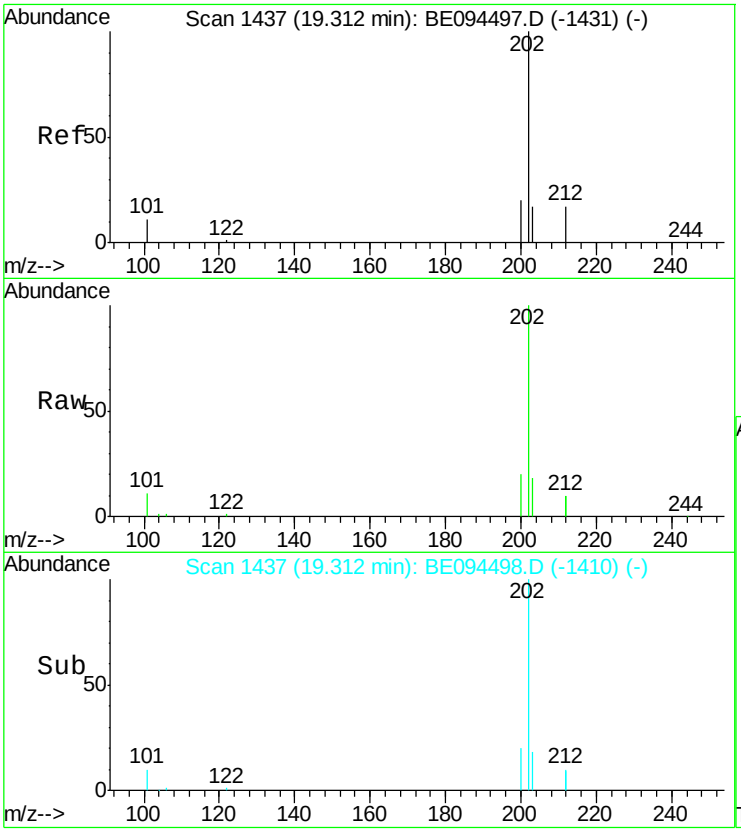


#25
Fluoranthene-d10
Concen: 0.600 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:212 Resp: 83472

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4



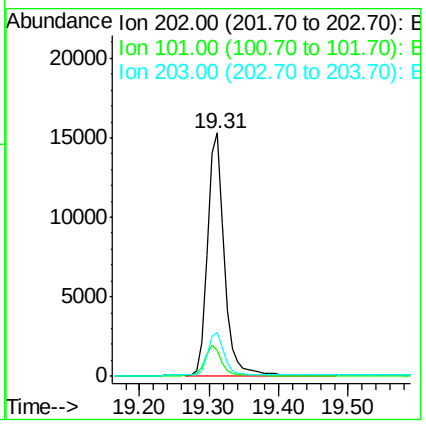


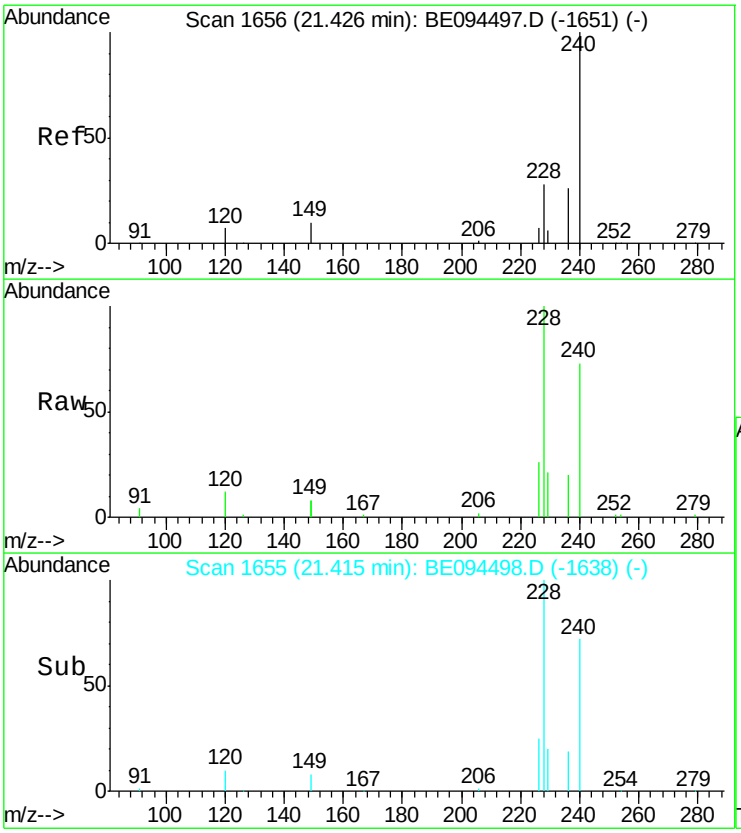
#26
Fluoranthene
Concen: 0.602 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 25397

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.3	13.7	20.5

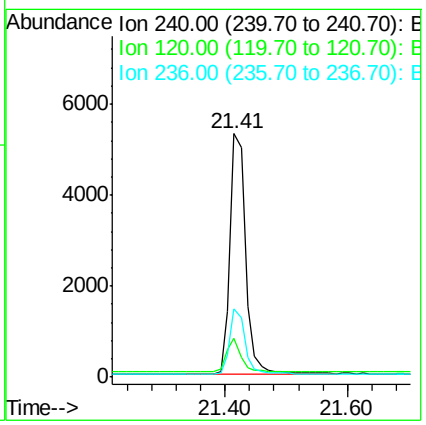


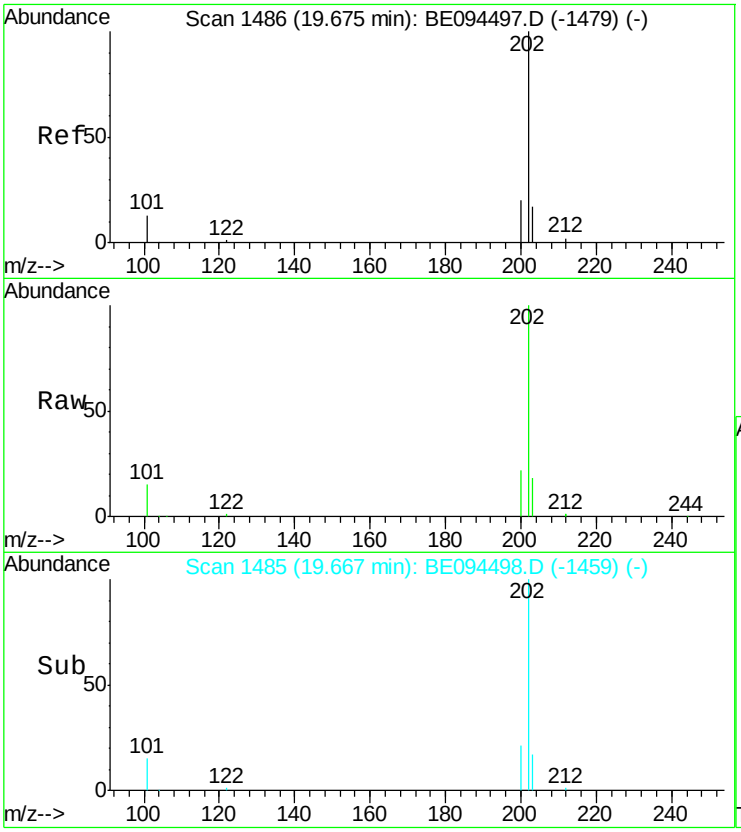


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:240 Resp: 9421

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.5	8.3#
236	27.8	20.7	31.1



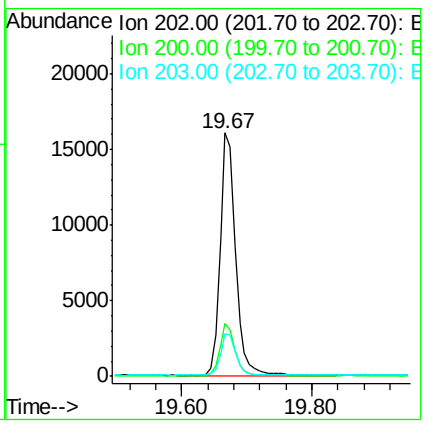


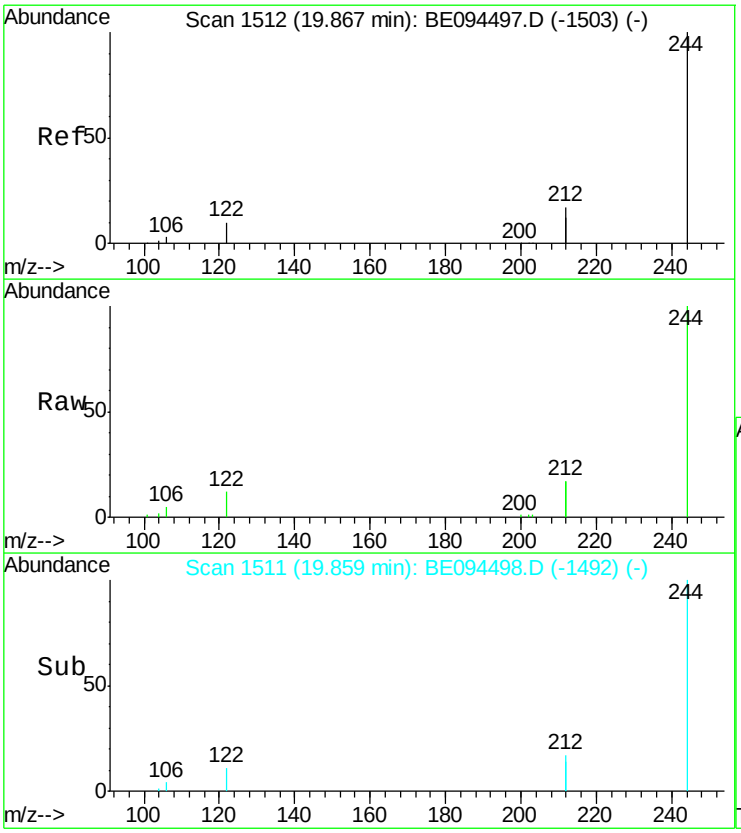
#28
Pyrene
Concen: 0.743 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 26427

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.4	13.8	20.8

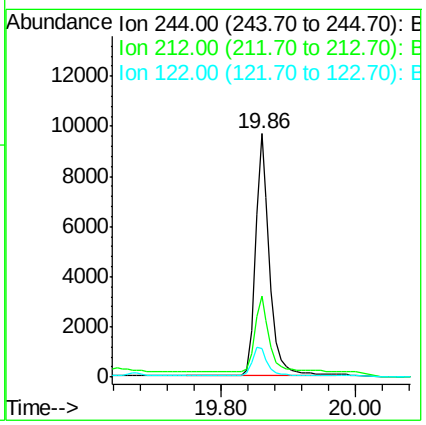


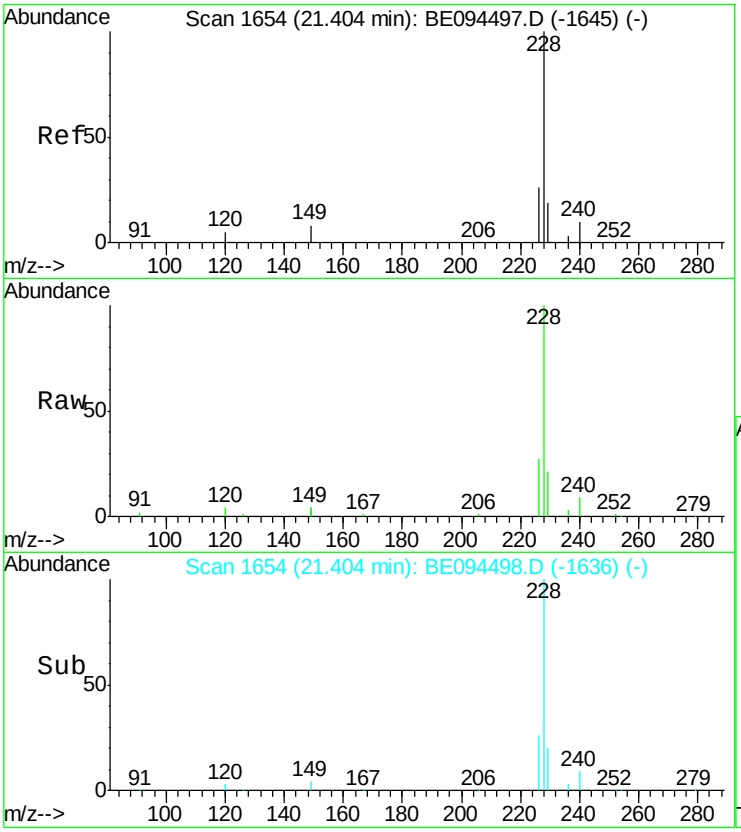


#29
Terphenyl-d14
Concen: 0.752 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:244 Resp: 14290

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	11.9	8.1	12.1



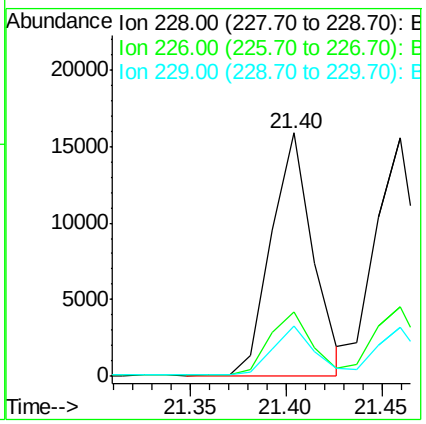


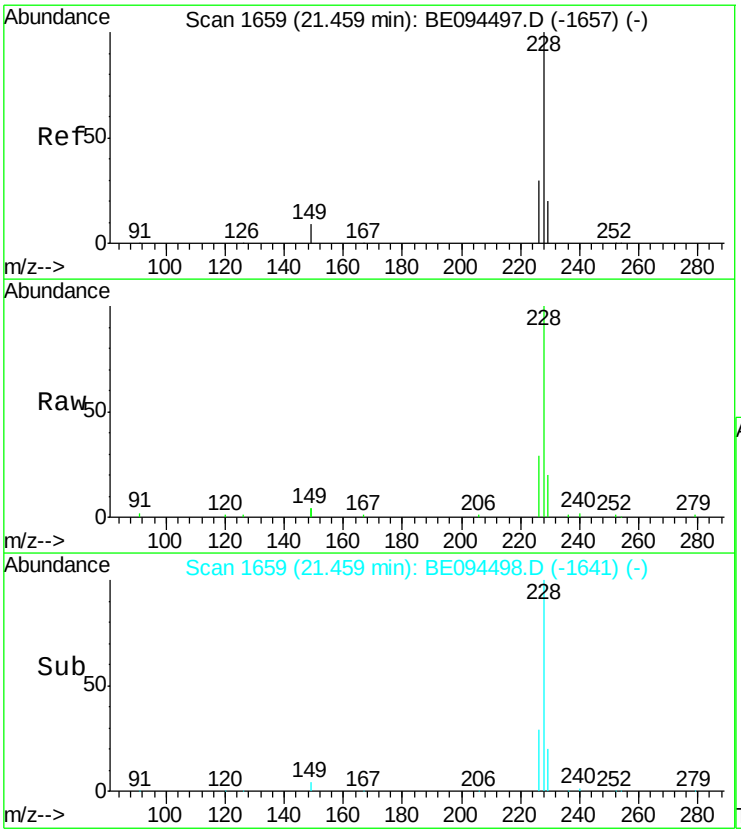
#30
Benzo(a)anthracene
Concen: 0.732 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 23850

Ion	Ratio	Lower	Upper
228	100		
226	26.5	40.0	60.0#
229	20.7	40.0	60.0#

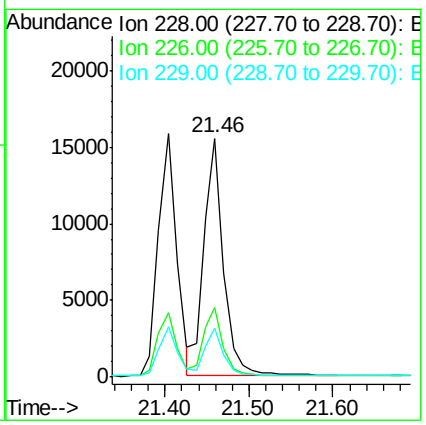


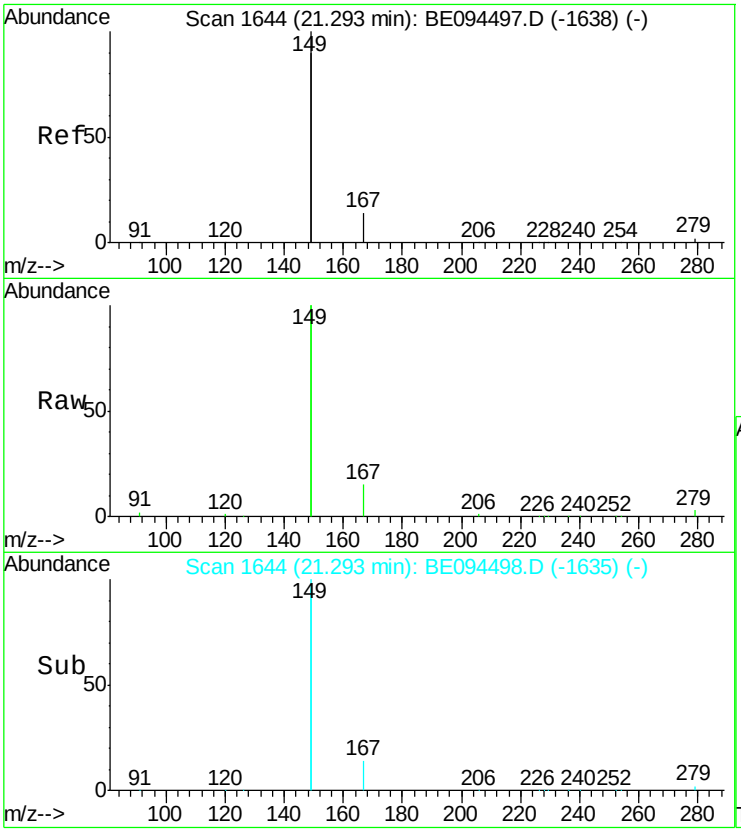


#31
Chrysene
Concen: 0.807 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:228 Resp: 25297

Ion	Ratio	Lower	Upper
228	100		
226	28.9	40.0	60.0#
229	20.4	40.0	60.0#



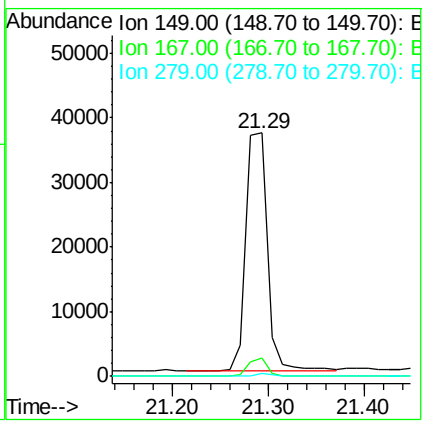


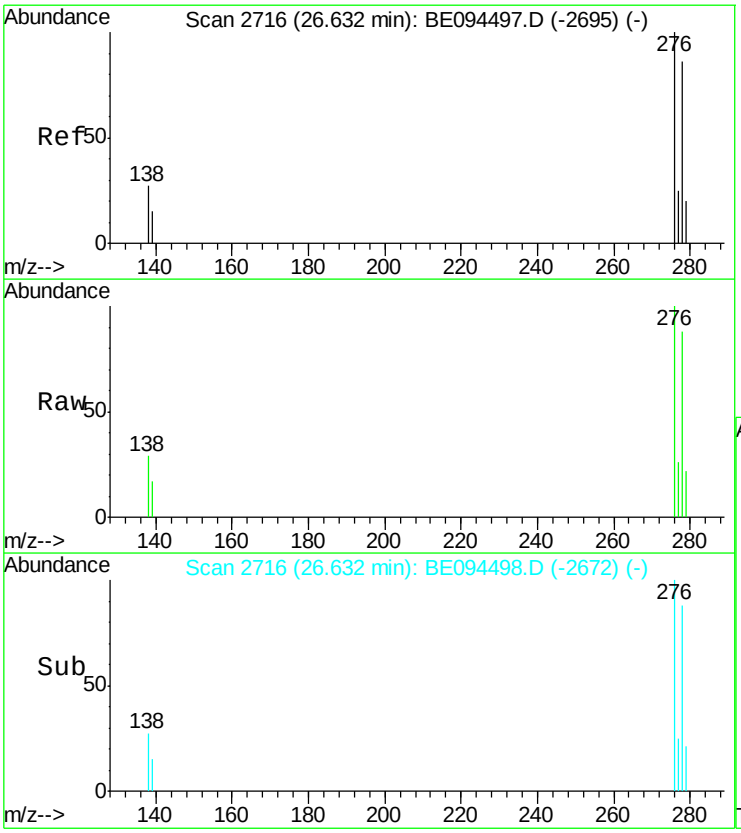
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.602 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 56474

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

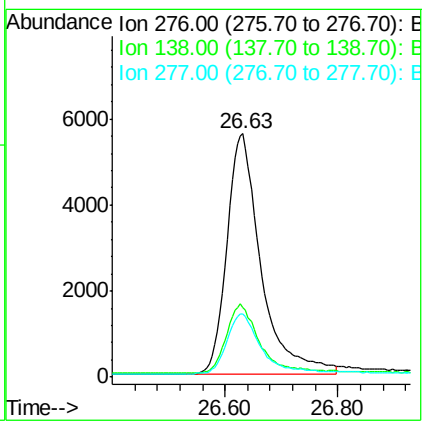


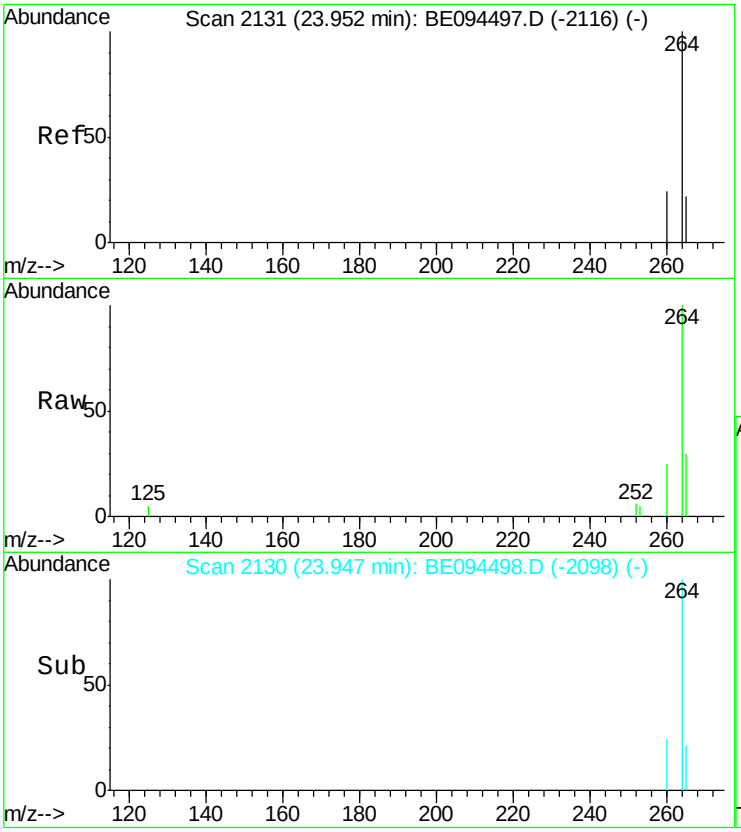


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.724 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:276 Resp: 22865

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.5	33.7
277	25.0	19.9	29.9



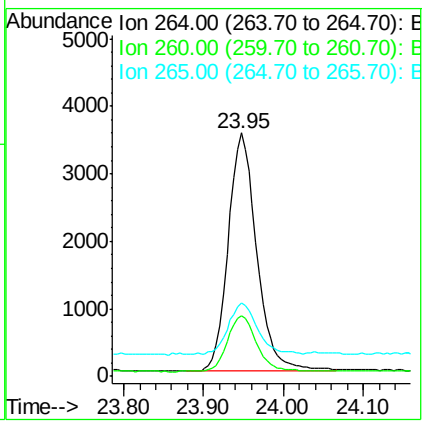


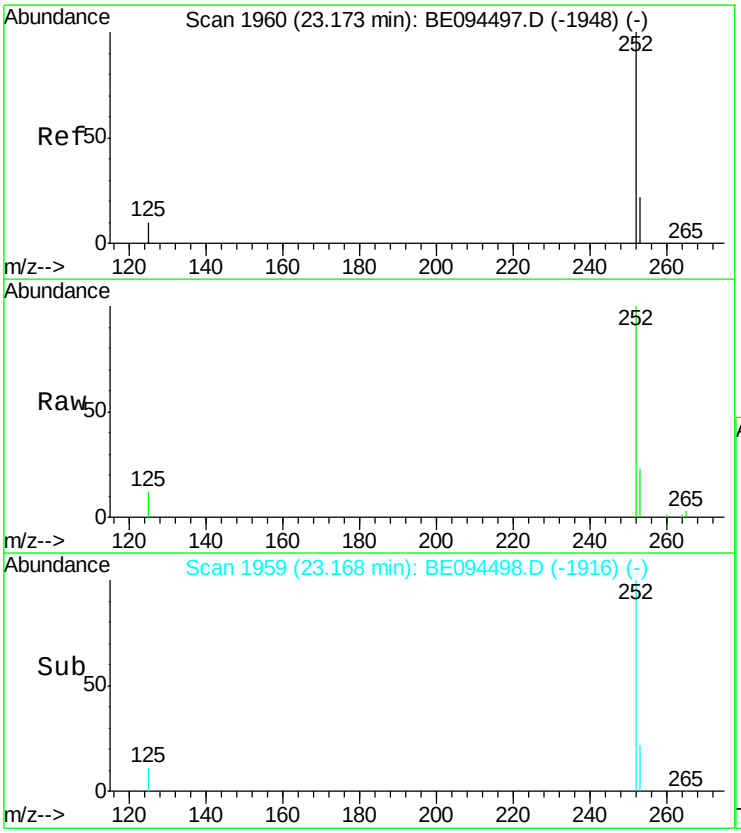
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 8807

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	30.0	22.8	34.2

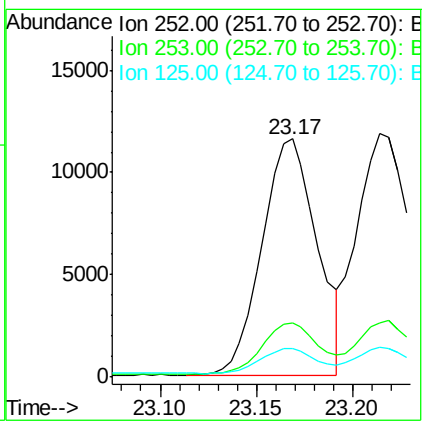


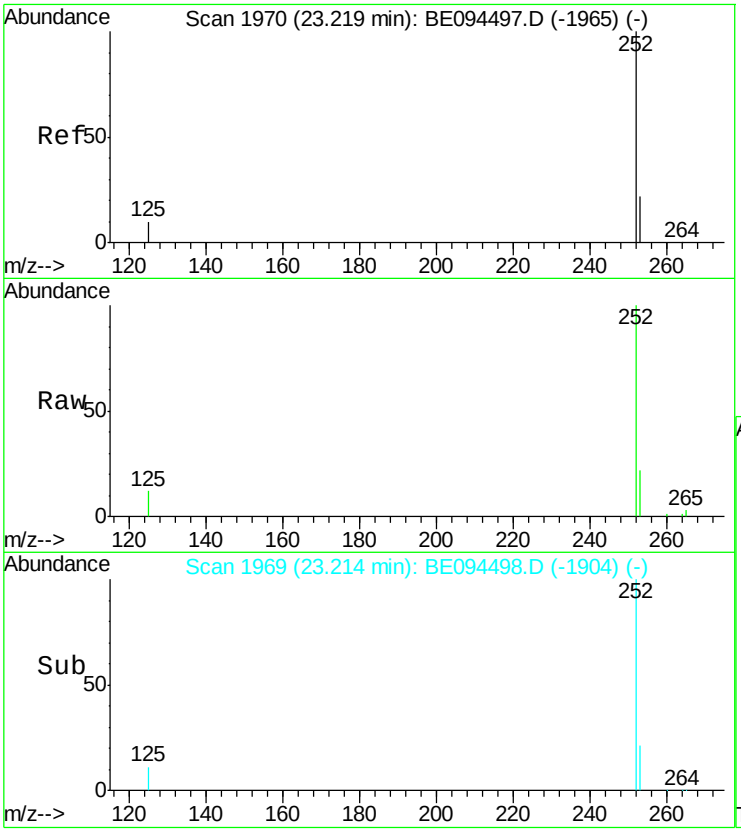


#35
Benzo(b)fluoranthene
Concen: 0.769 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:252 Resp: 22971

Ion	Ratio	Lower	Upper
252	100		
253	22.8	48.0	72.0#
125	12.0	56.0	84.0#



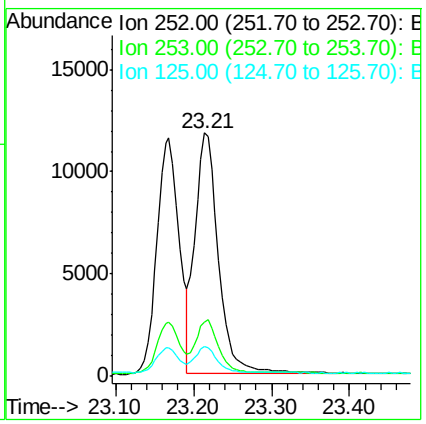


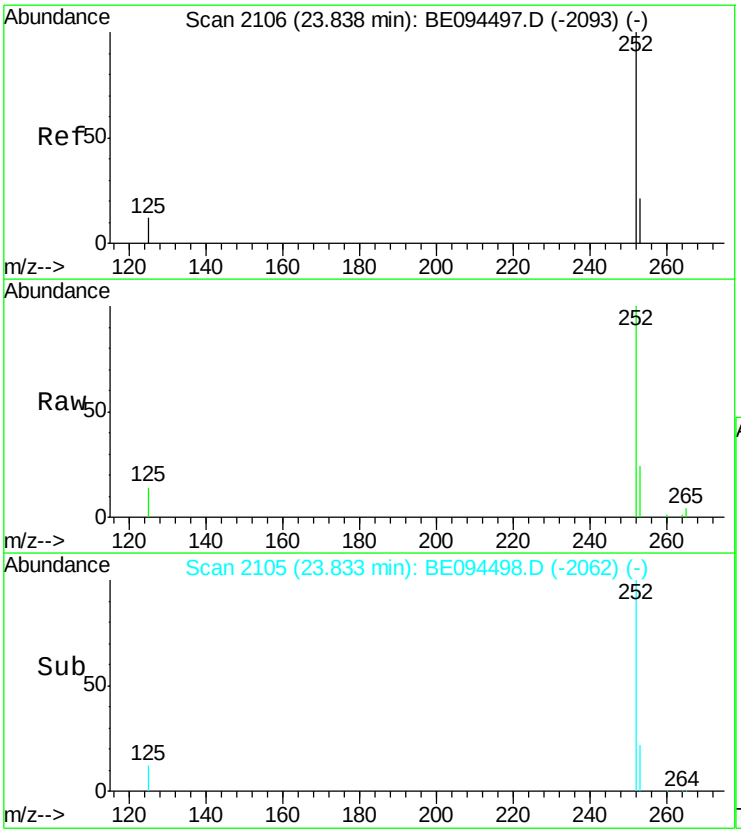
#36
Benzo(k)fluoranthene
Concen: 0.834 ng
RT: 23.21 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 24534

Ion	Ratio	Lower	Upper
252	100		
253	22.4	48.0	72.0#
125	12.3	56.0	84.0#

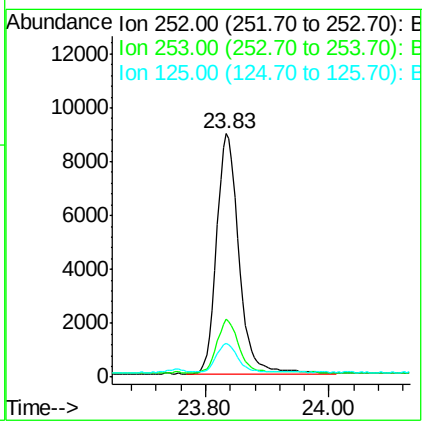


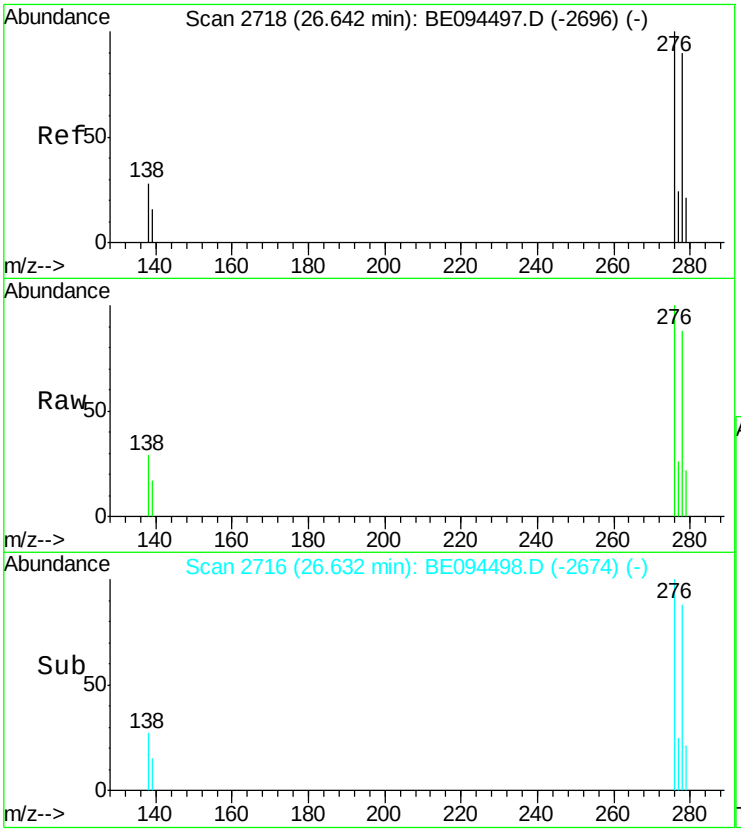


#37
Benzo(a)pyrene
Concen: 0.796 ng
RT: 23.83 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:252 Resp: 22340

Ion	Ratio	Lower	Upper
252	100		
253	23.9	52.0	78.0#
125	13.7	68.0	102.0#



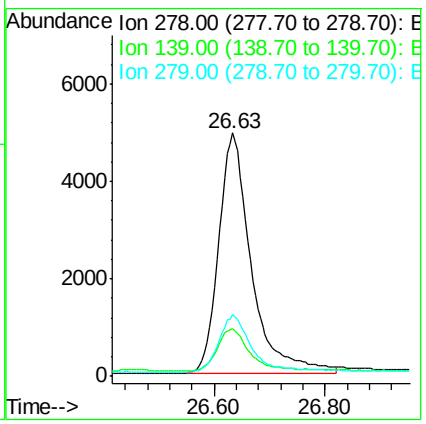


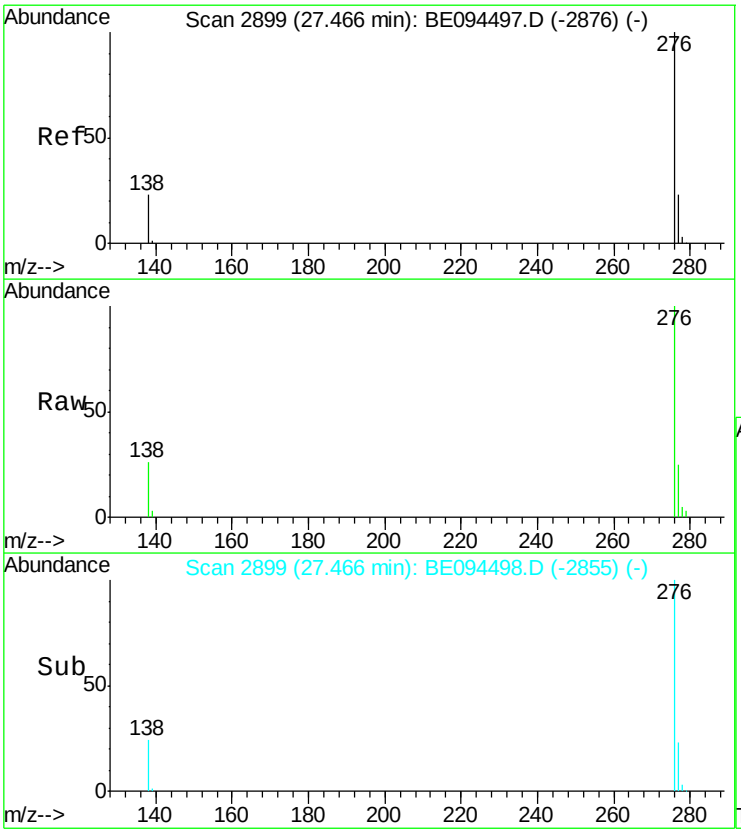
#38
Dibenzo(a,h)anthracene
Concen: 0.750 ng
RT: 26.63 min Scan# 2716
Delta R.T. -0.01 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 19921

Ion	Ratio	Lower	Upper
278	100		
139	19.7	56.0	84.0#
279	25.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.729 ng
RT: 27.47 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BE094498.D
Acq: 23 Oct 2017 16:43

Tgt Ion:276 Resp: 18639

Ion	Ratio	Lower	Upper
276	100		
277	25.0	52.0	78.0#
138	26.0	44.0	66.0#