Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094497.D
Acq On : 23 Oct 2017 16:04
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Oct 23 17:31:36 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	1180	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	6527	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3950	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	7558	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9322	0.40	ng		0.00
34) Perylene-d12	23.95	264	8779	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1619	0.41	ng		0.00
5) Phenol-d6	0.00	99	0	0.00	ng		
8) Nitrobenzene-d5	8.96	82	121	0.02	ng		-0.12
11) 2-Methylnaphthalene-d10	12.29	152	4296	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	419	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5642	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	40471	0.33	ng		0.00
29) Terphenyl-d14	19.87	244	6900	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	924	0.449	ng	#	78
3) n-Nitrosodimethylamine	3.75	42	769	0.375	ng	#	93
6) bis(2-Chloroethyl)ether	7.34	93	1870	0.407	ng		84
9) Naphthalene	10.74	128	30354	0.416	ng		100
10) Hexachlorobutadiene	11.01	225	1087	0.373	ng		98
12) 2-Methylnaphthalene	12.36	142	5063	0.421	ng		97
16) Acenaphthylene	14.24	152	8262	0.386	ng		100
17) Acenaphthene	14.58	154	5434	0.403	ng		99
18) Fluorene	15.56	166	6856	0.394	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	1613	0.427	ng	#	14
21) Hexachlorobenzene	16.58	284	1658	0.240	ng	#	38
22) Pentachlorophenol	17.01	266	88	0.145	ng		93
23) Phenanthrene	17.30	178	8674	0.292	ng	#	94
24) Anthracene	17.30	178	8674	0.377	ng	#	92
26) Fluoranthene	19.31	202	12315	0.334	ng		100
28) Pyrene	19.67	202	12791	0.364	ng		99
30) Benzo(a)anthracene	21.40	228	12128	0.376	ng	#	62
31) Chrysene	21.46	228	11925	0.384	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.29	149	27246	0.293	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	11202	0.358	ng		99
35) Benzo(b)fluoranthene	23.17	252	11063	0.372	ng	#	41
36) Benzo(k)fluoranthene	23.22	252	12016	0.410	ng	#	41
37) Benzo(a)pyrene	23.84	252	10997	0.393	ng	#	35
38) Dibenzo(a,h)anthracene	26.64	278	9676	0.365	ng	#	46
39) Benzo(g,h,i)perylene	27.47	276	9144	0.359	ng	#	56

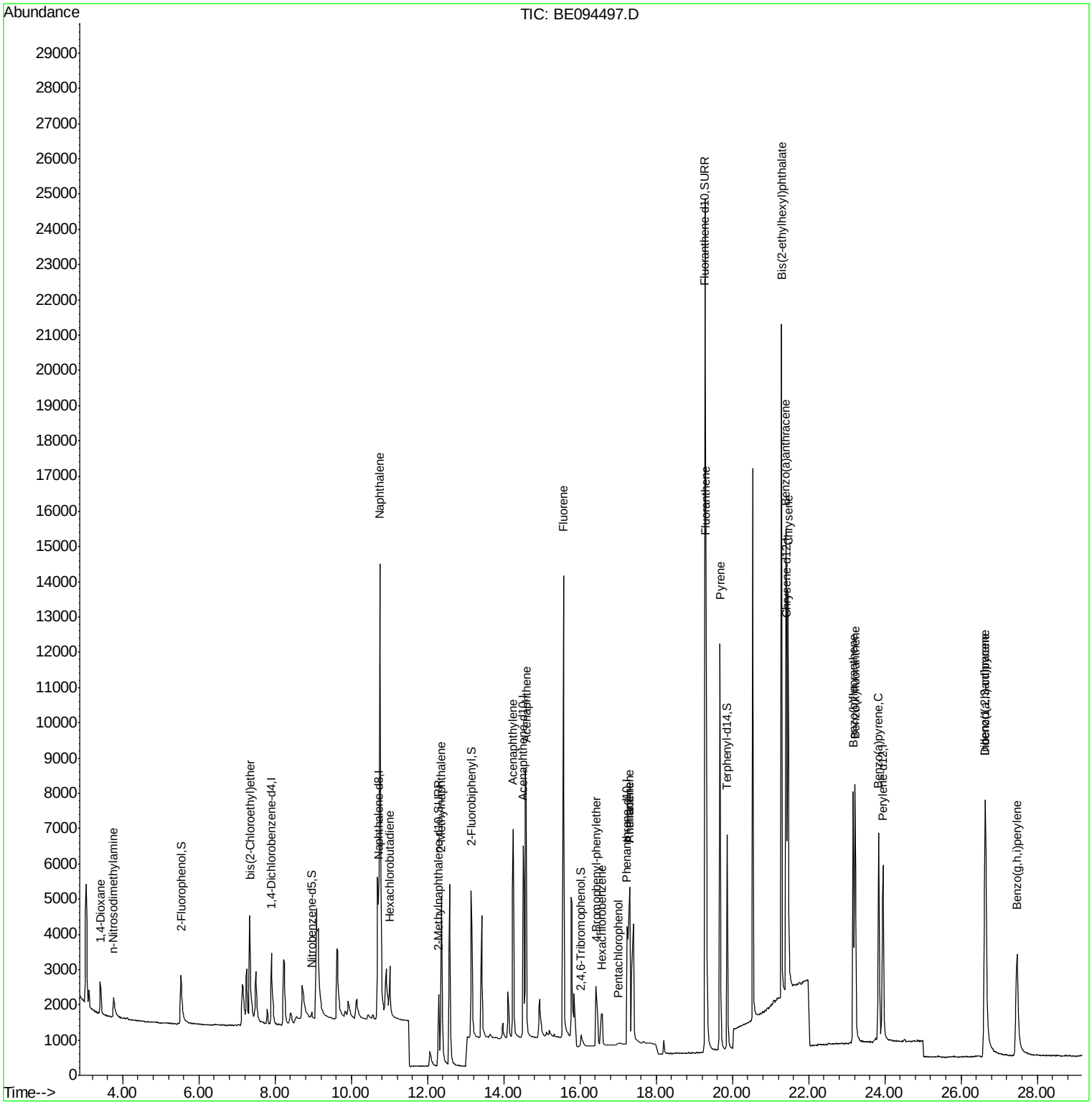
(#) = qualifier out of range (m) = manual integration (+) = signals summed

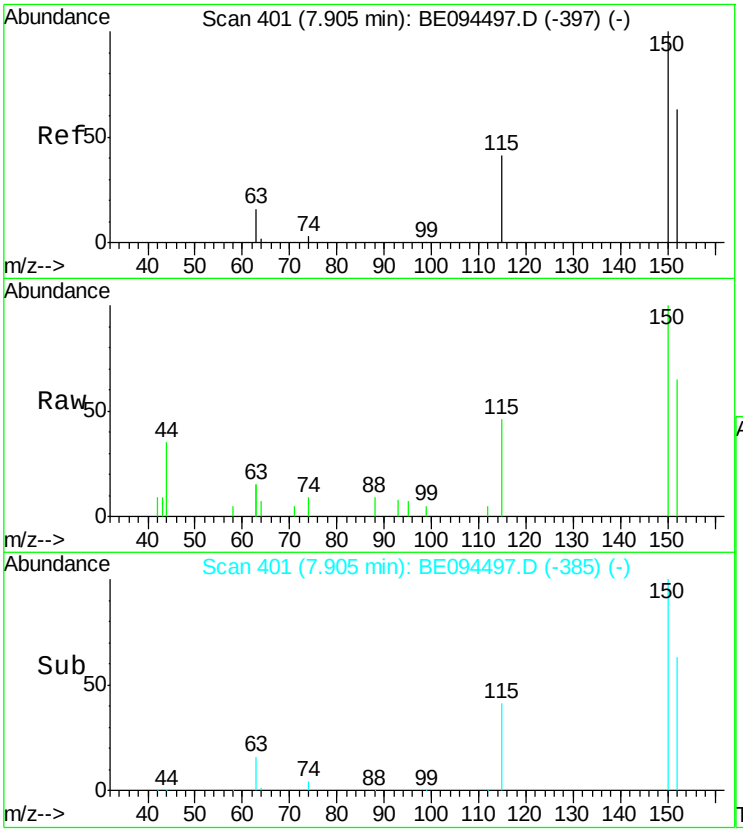
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094497.D
Acq On : 23 Oct 2017 16:04
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 23 17:31:36 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



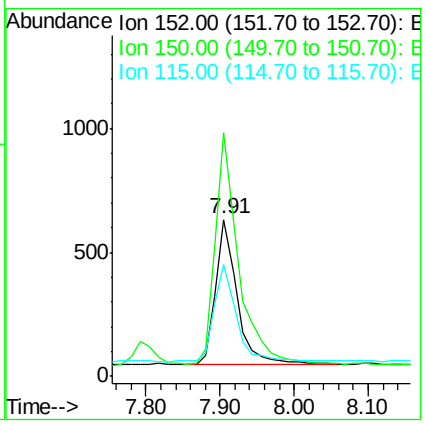


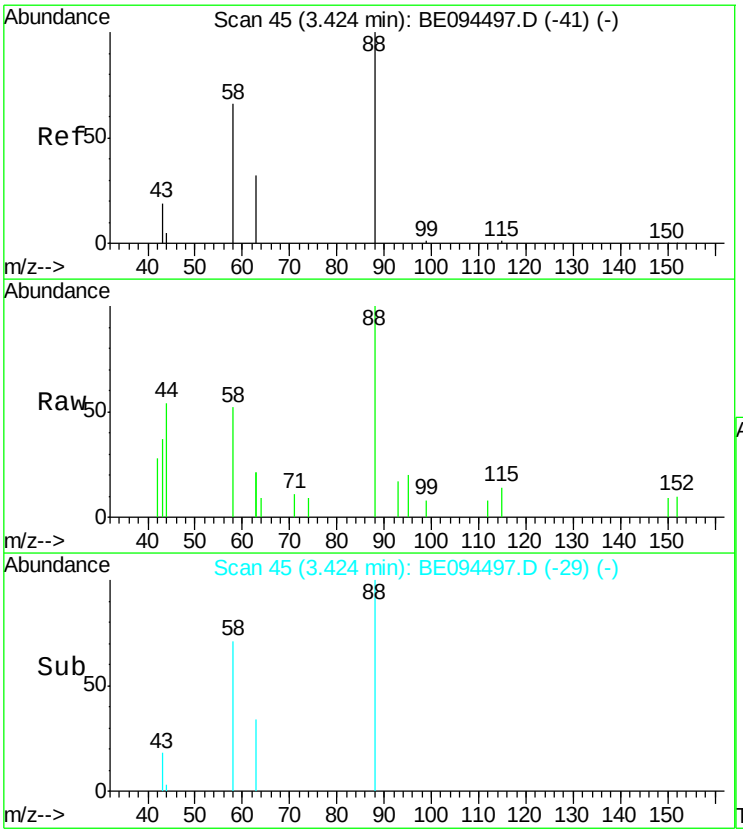
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1180

Ion	Ratio	Lower	Upper
152	100		
150	154.9	117.2	175.8
115	70.8	57.0	85.6

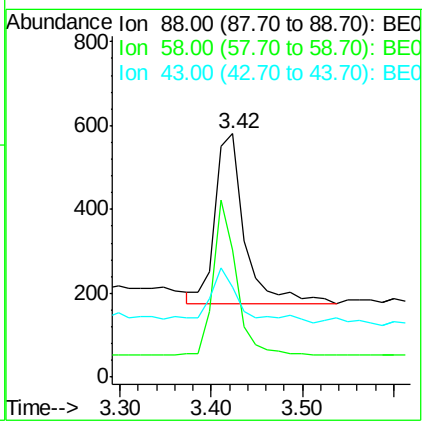


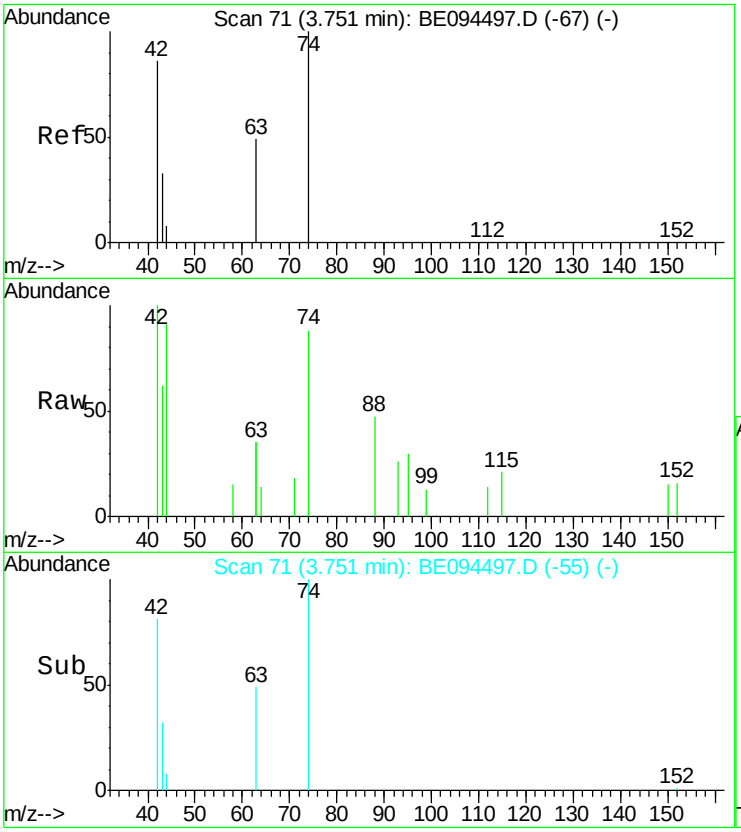


#2
1,4-Dioxane
Concen: 0.449 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion: 88 Resp: 924

Ion	Ratio	Lower	Upper
88	100		
58	71.0	63.2	94.8
43	22.4	41.2	61.8#



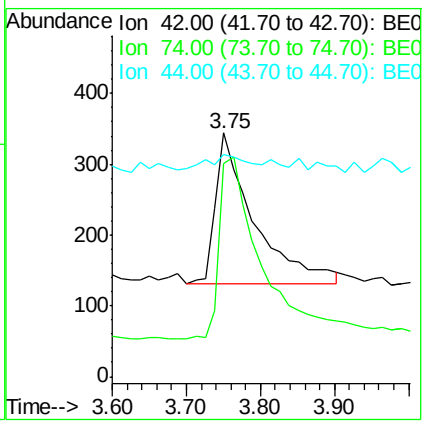


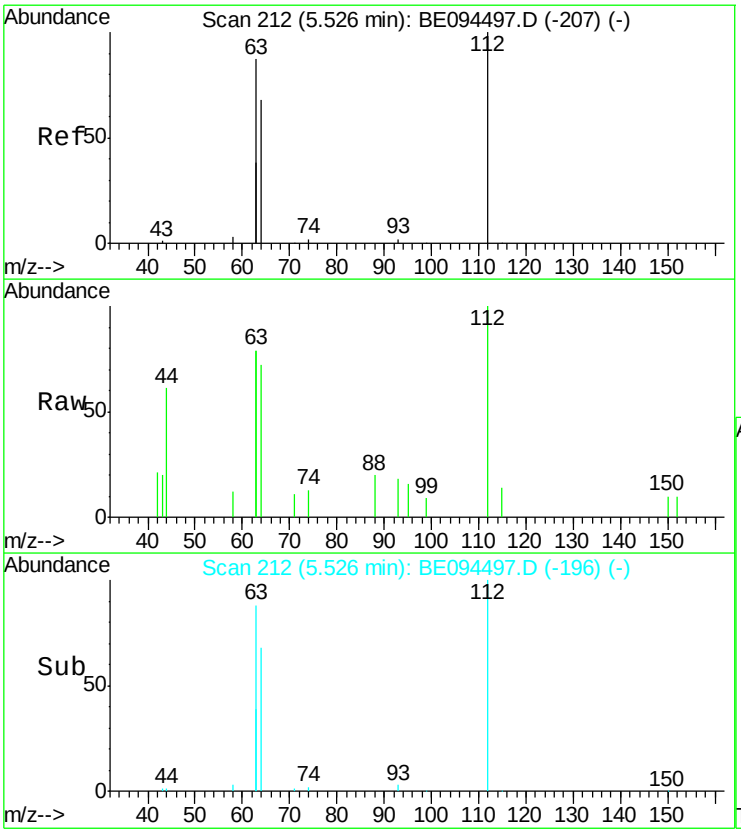
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 769

Ion	Ratio	Lower	Upper
42	100		
74	131.1	100.3	150.5
44	11.3	17.0	25.4#

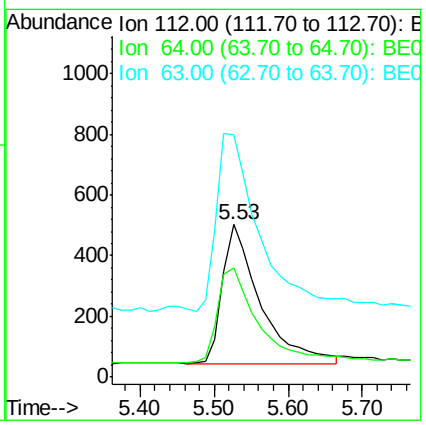


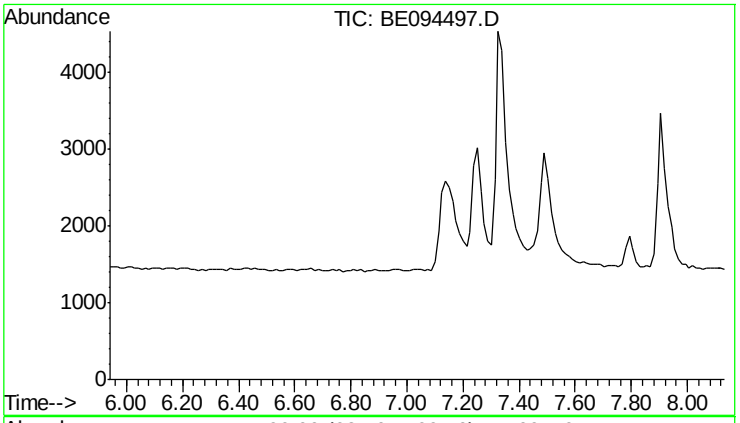


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:112 Resp: 1619

Ion	Ratio	Lower	Upper
112	100		
64	73.1	60.1	90.1
63	144.3	116.8	175.2





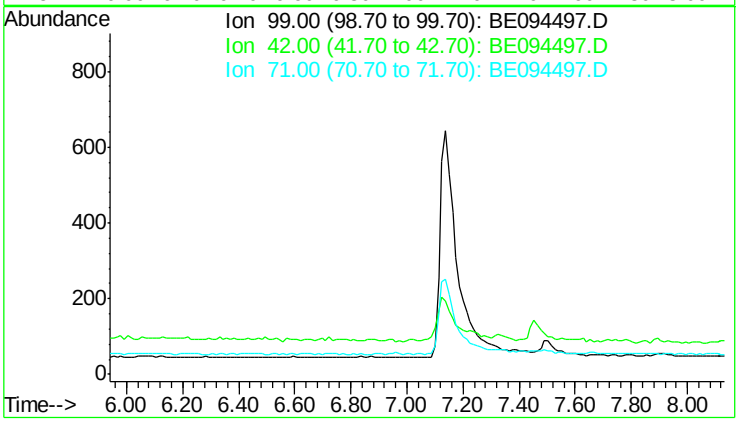
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.14 min

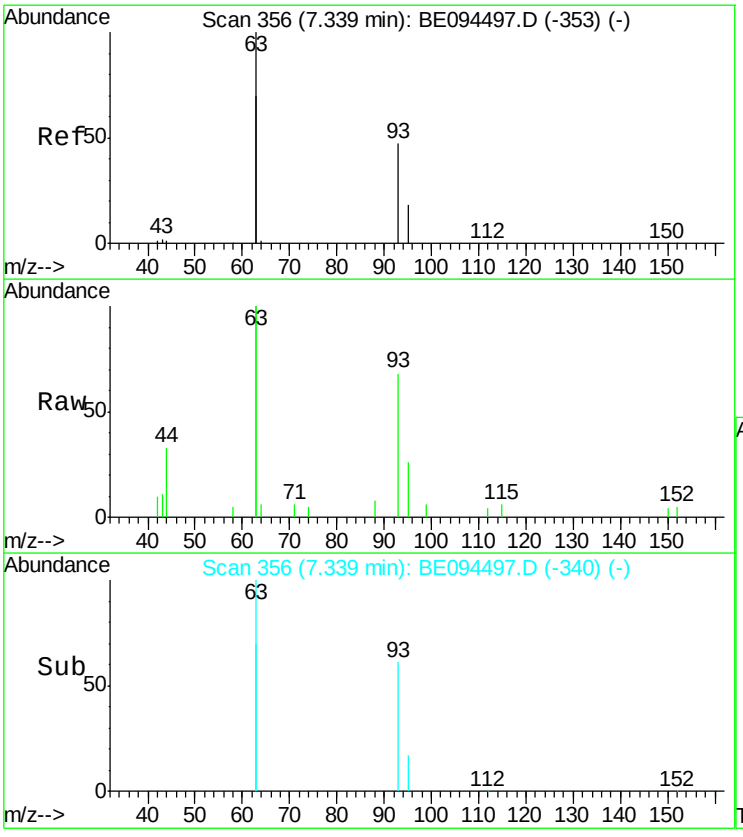
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.2
71	35.5

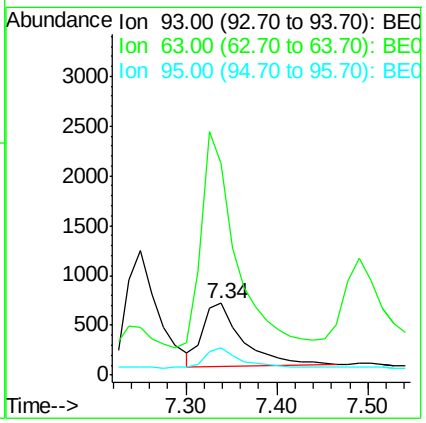


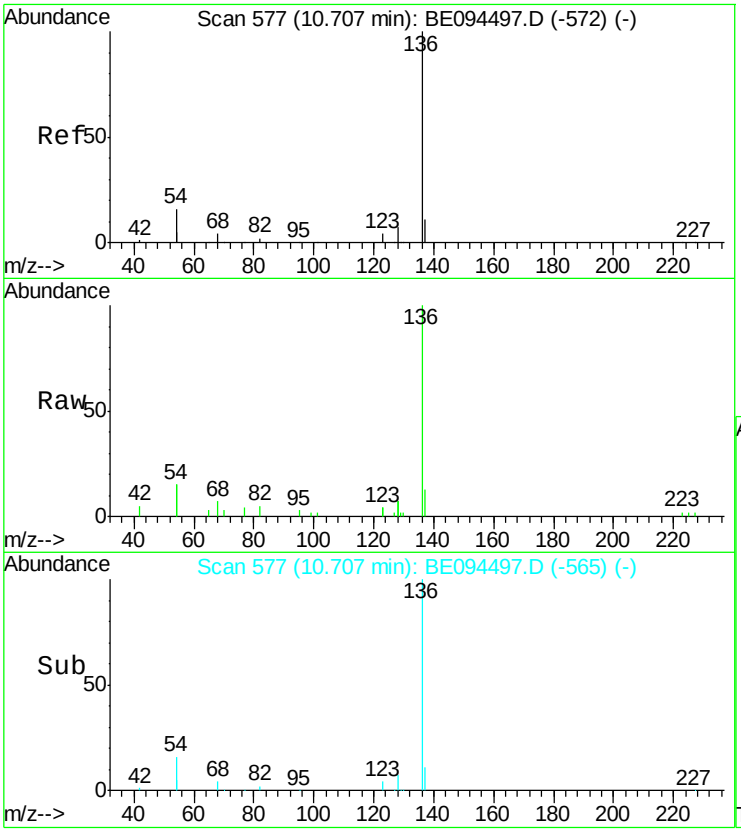


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion: 93 Resp: 1870

Ion	Ratio	Lower	Upper
93	100		
63	306.8	275.3	412.9
95	30.1	25.2	37.8



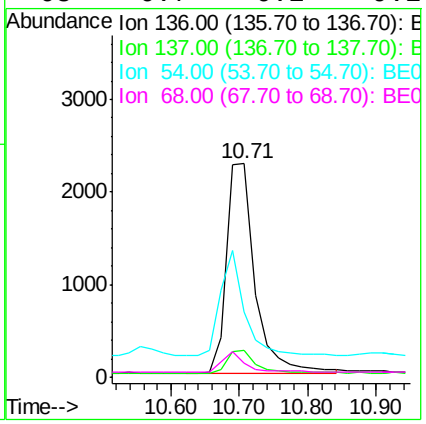


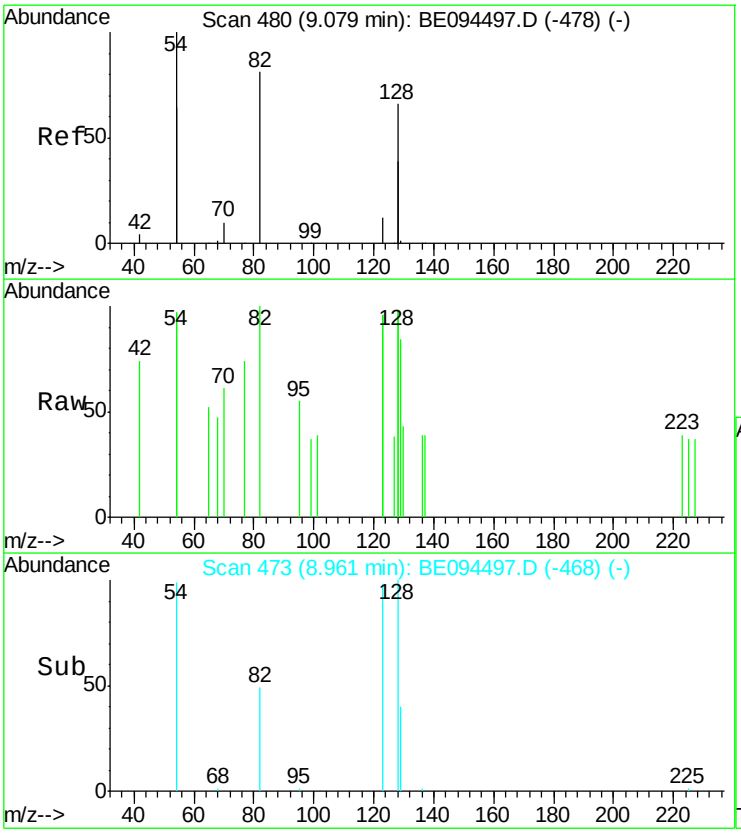
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 6527

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	30.8	29.1	43.7
68	6.7	6.2	9.2

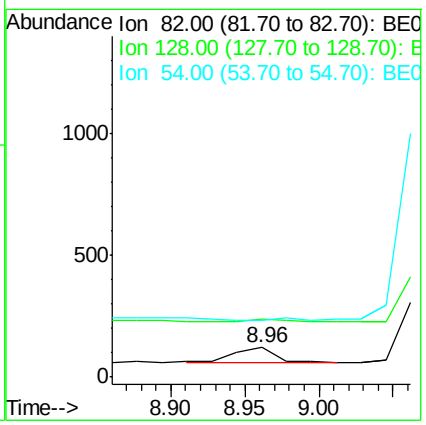


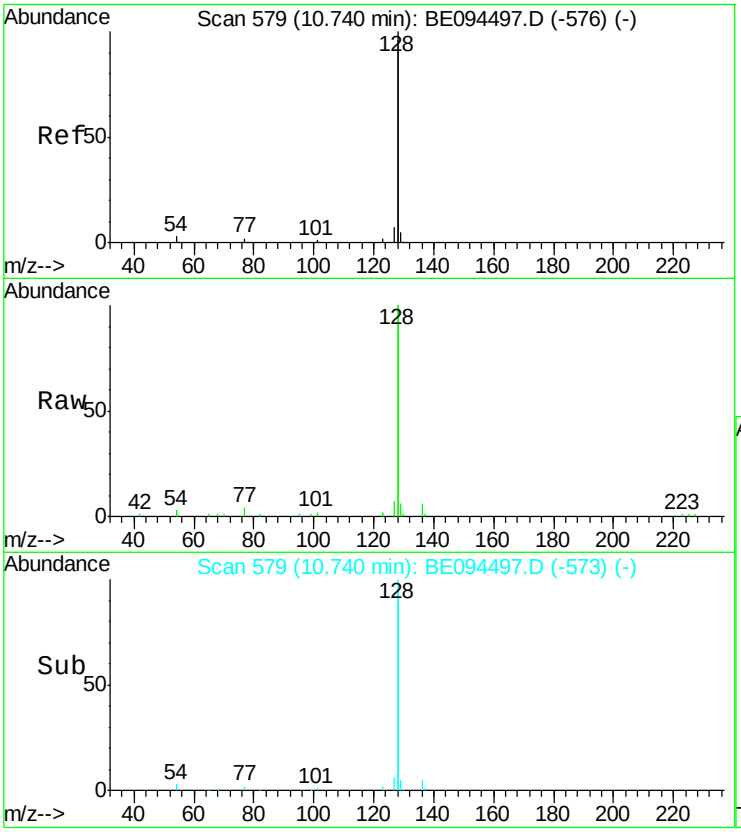


#8
Nitrobenzene-d5
Concen: 0.021 ng
RT: 8.96 min Scan# 473
Delta R.T. -0.12 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion: 82 Resp: 121

Ion	Ratio	Lower	Upper
82	100		
128	195.0	150.0	225.0
54	193.4	154.2	231.4



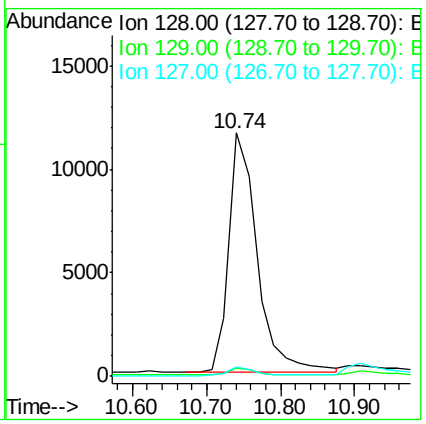


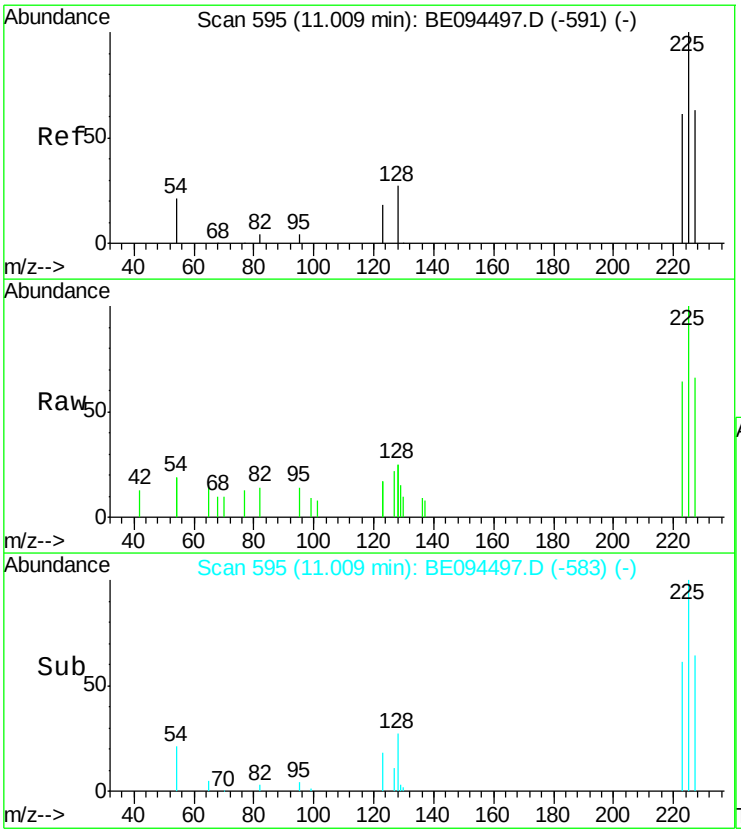
#9
Naphthalene
Concen: 0.416 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 30354

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.7	2.8	4.2

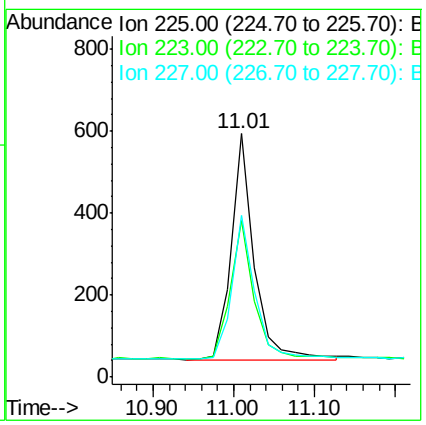


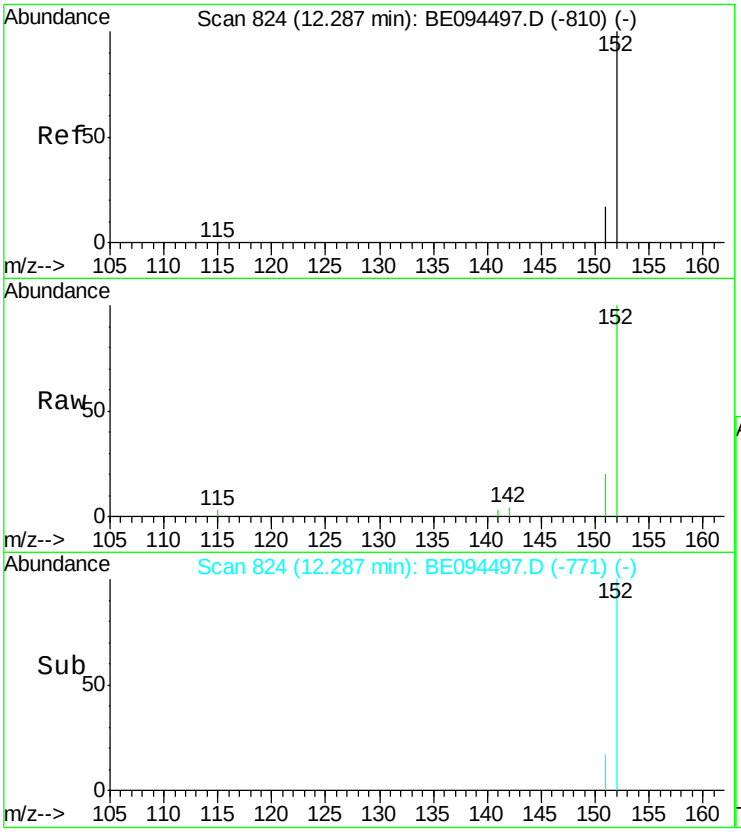


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 11.01 min Scan# 595
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:225 Resp: 1087

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	64.7	51.4	77.2



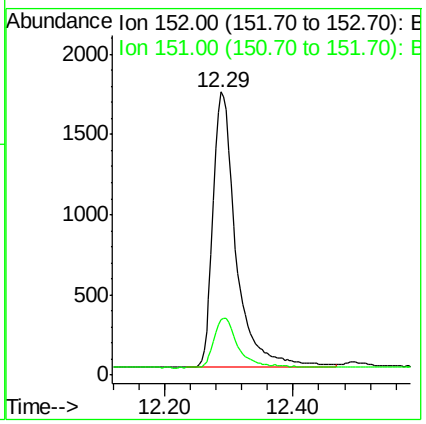


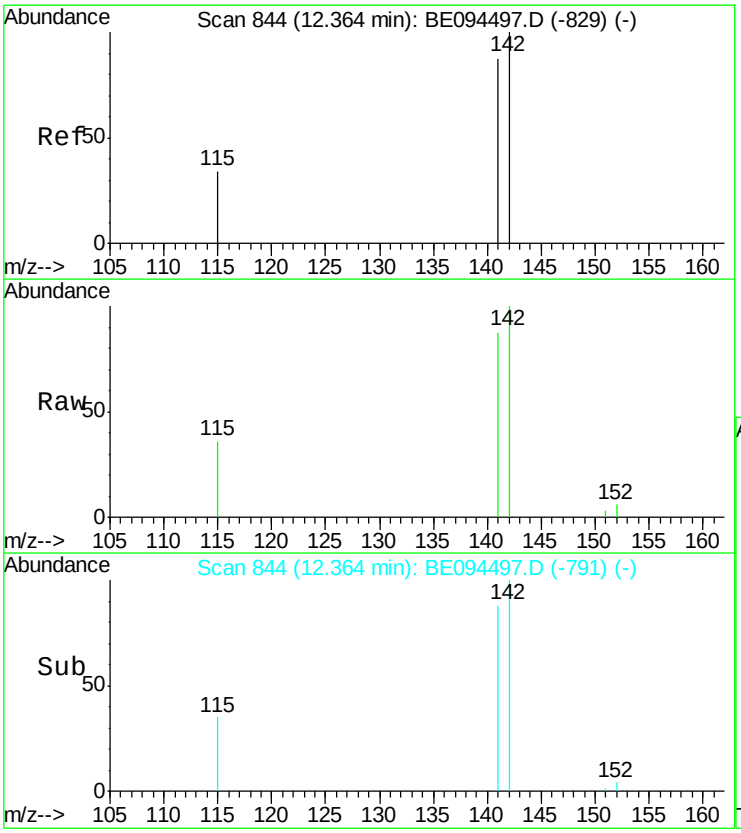
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4296

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

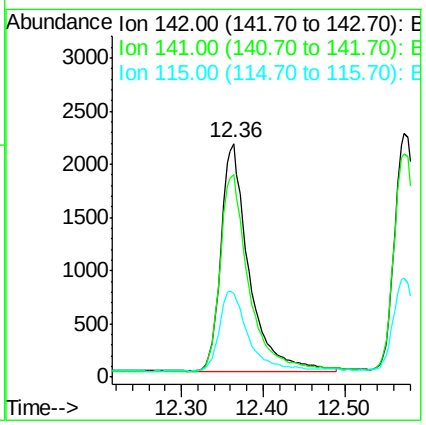


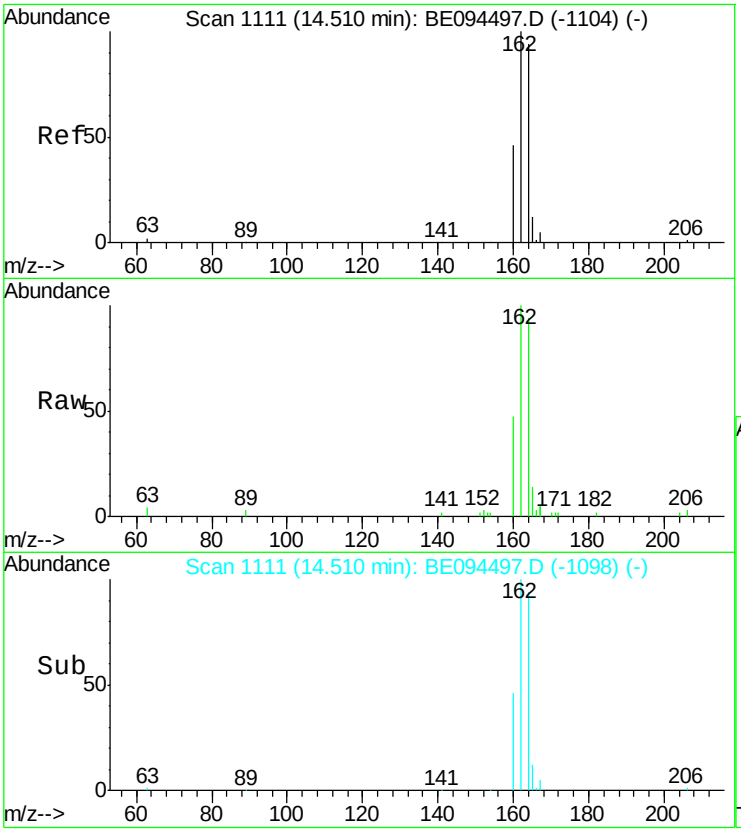


#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:142 Resp: 5063

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.4	105.6
115	36.0	31.7	47.5



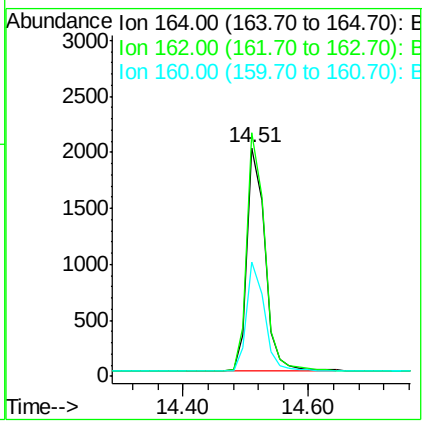


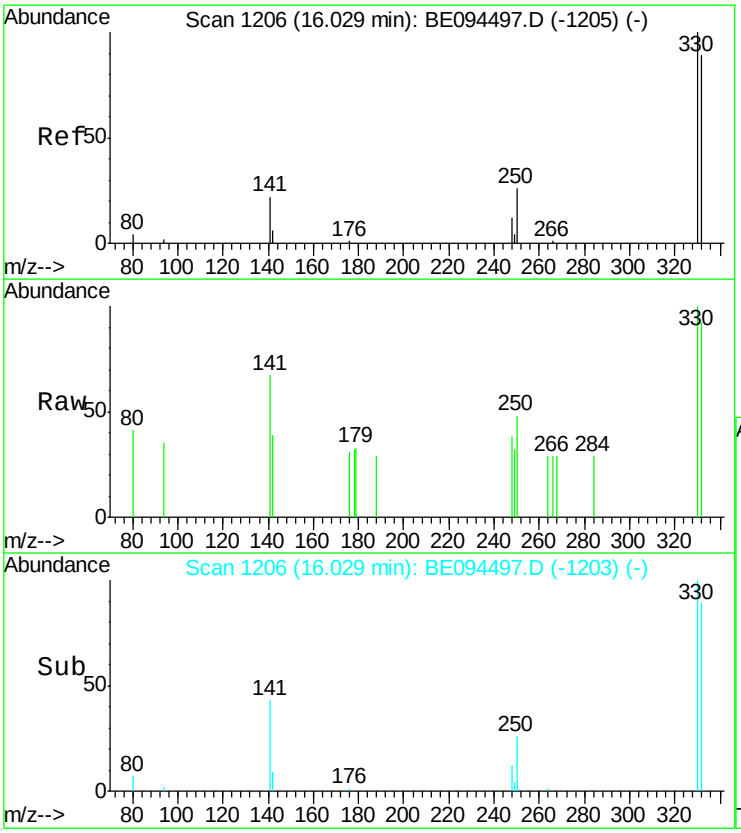
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 3950

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.1	124.7
160	50.1	37.1	55.7

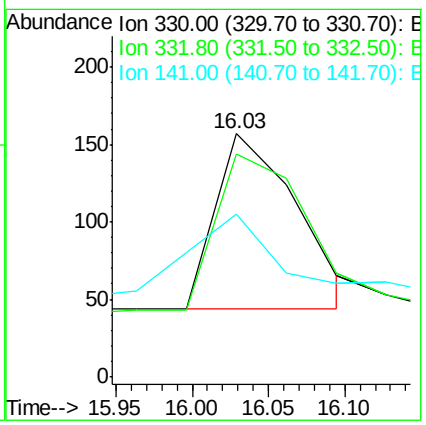


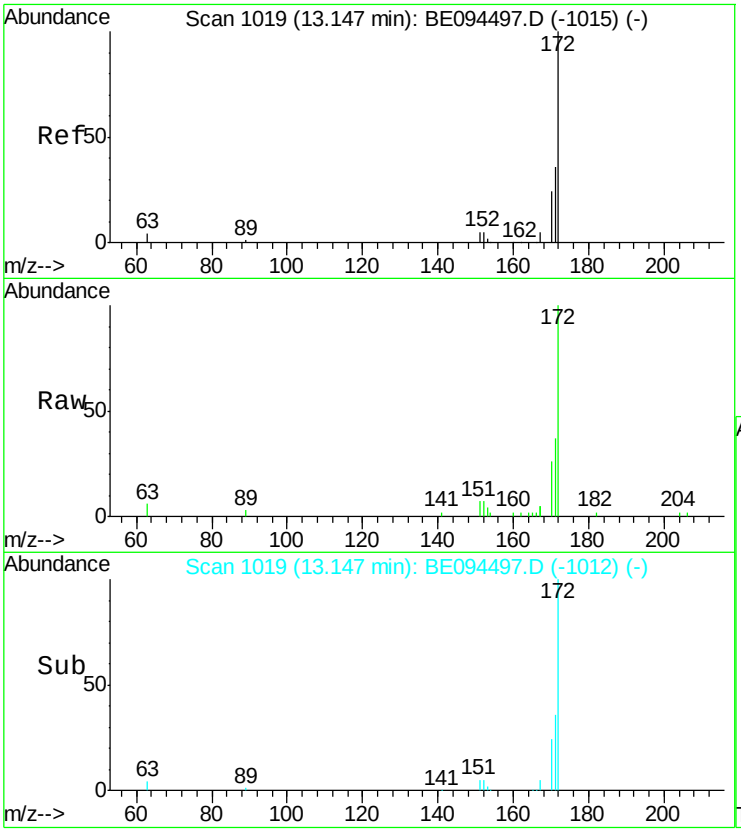


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:330 Resp: 419

Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	24.3	33.7	50.5#



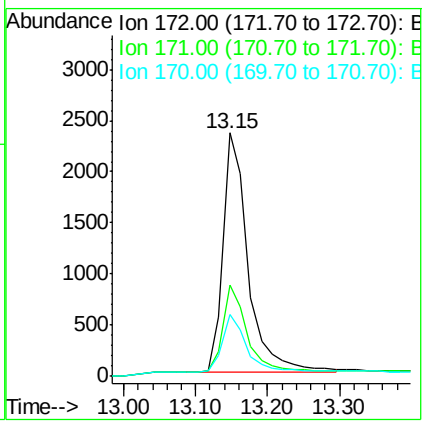


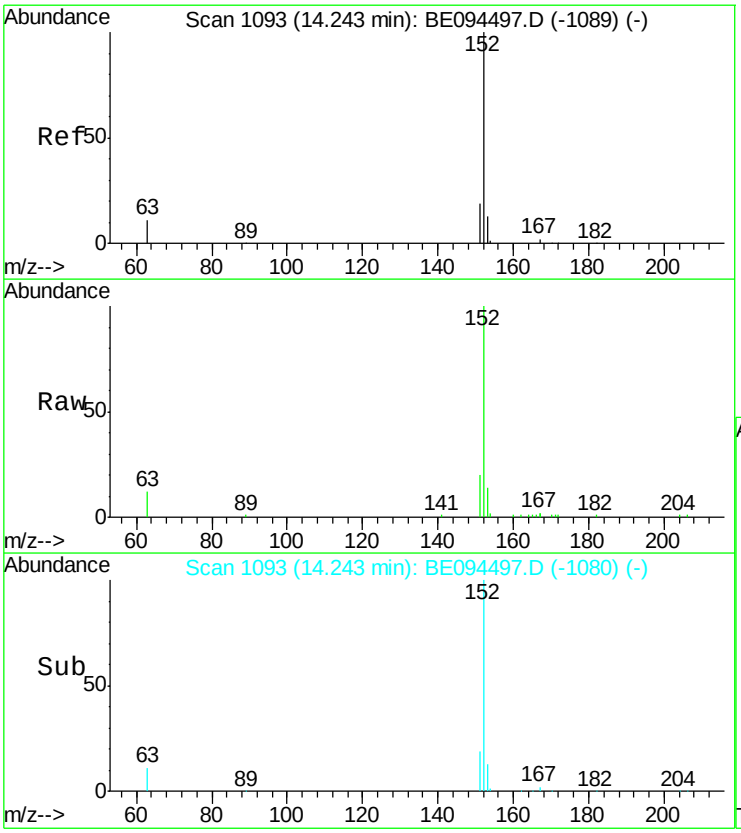
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 5642

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	25.6	21.8	32.8

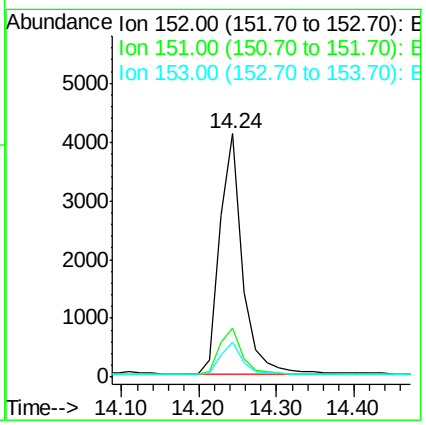


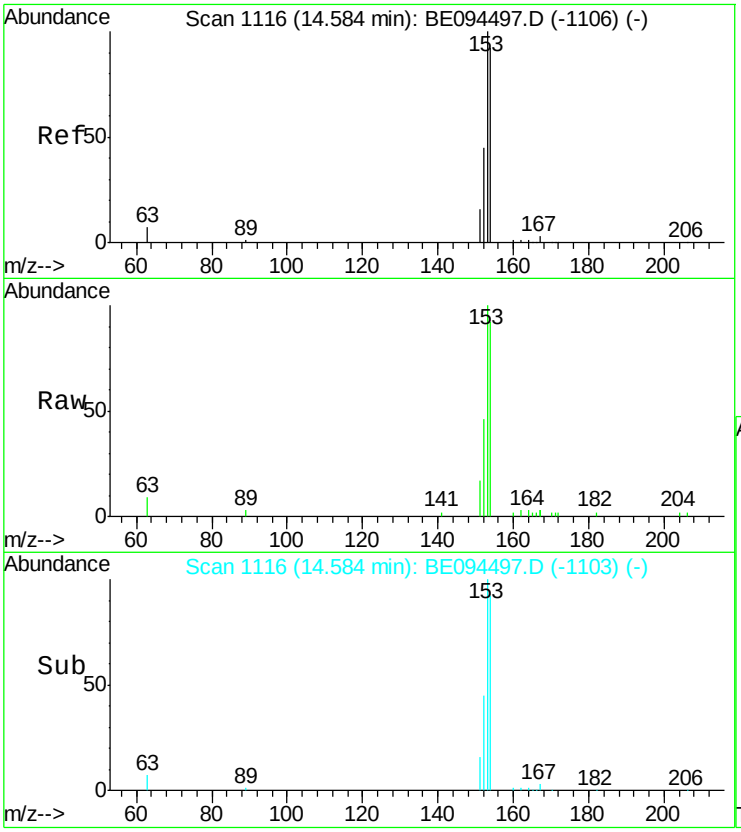


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:152 Resp: 8262

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



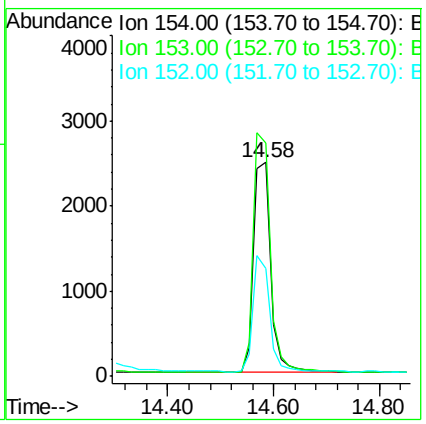


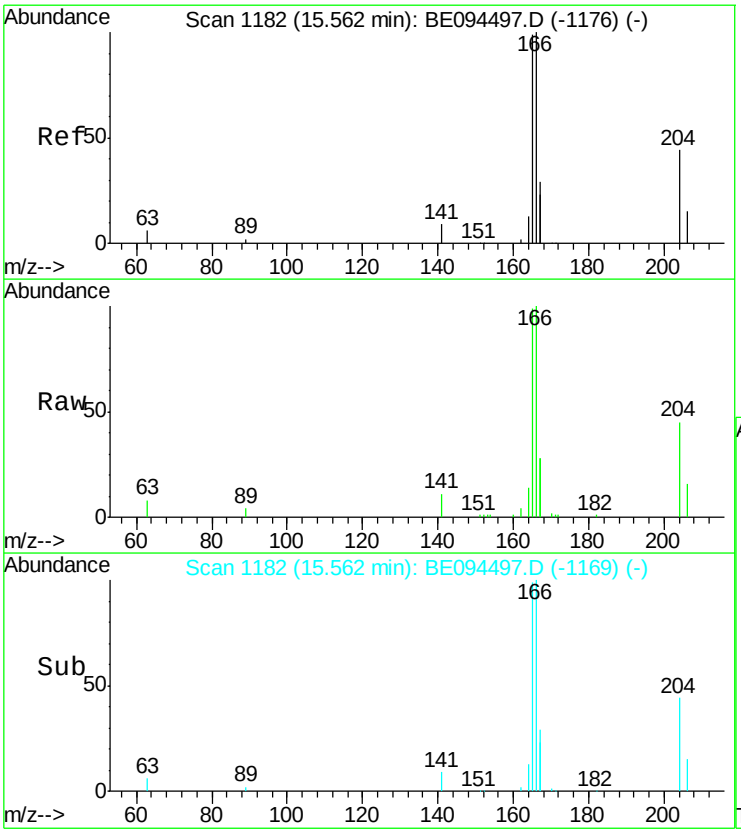
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 5434

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.2	133.8
152	52.6	42.0	63.0

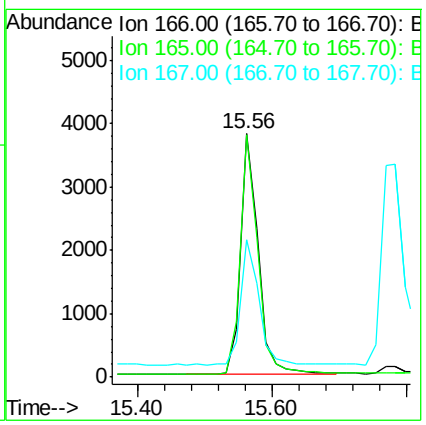


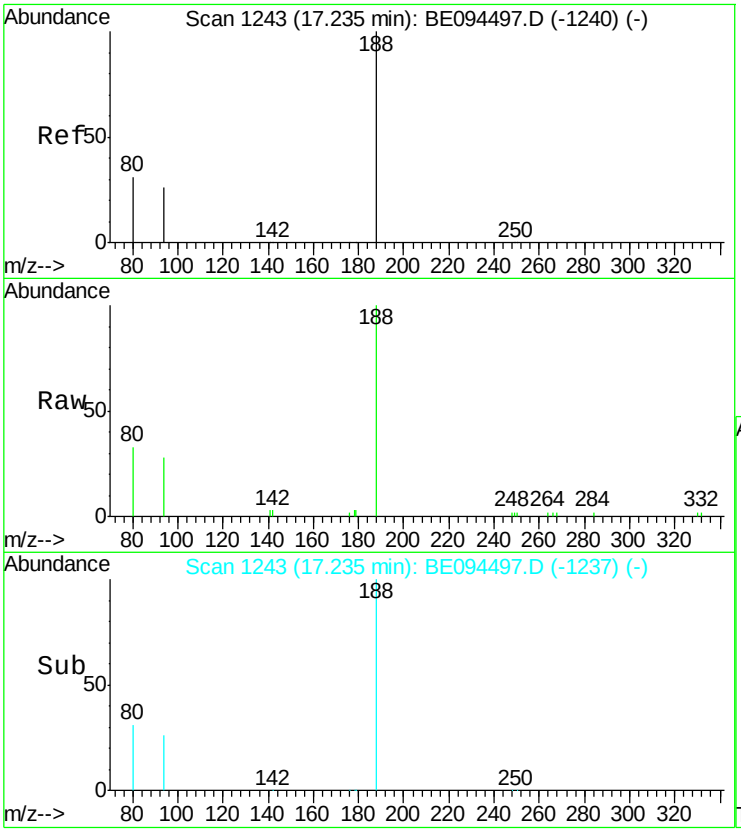


#18
Fluorene
Concen: 0.394 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:166 Resp: 6856

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	53.9	42.4	63.6



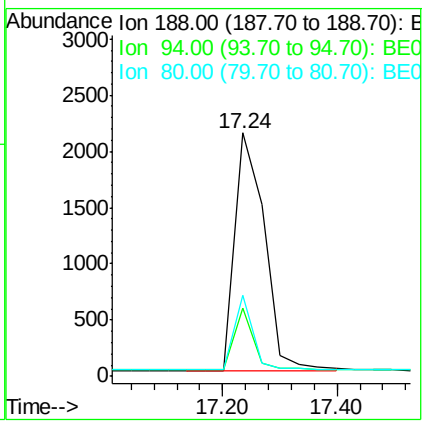


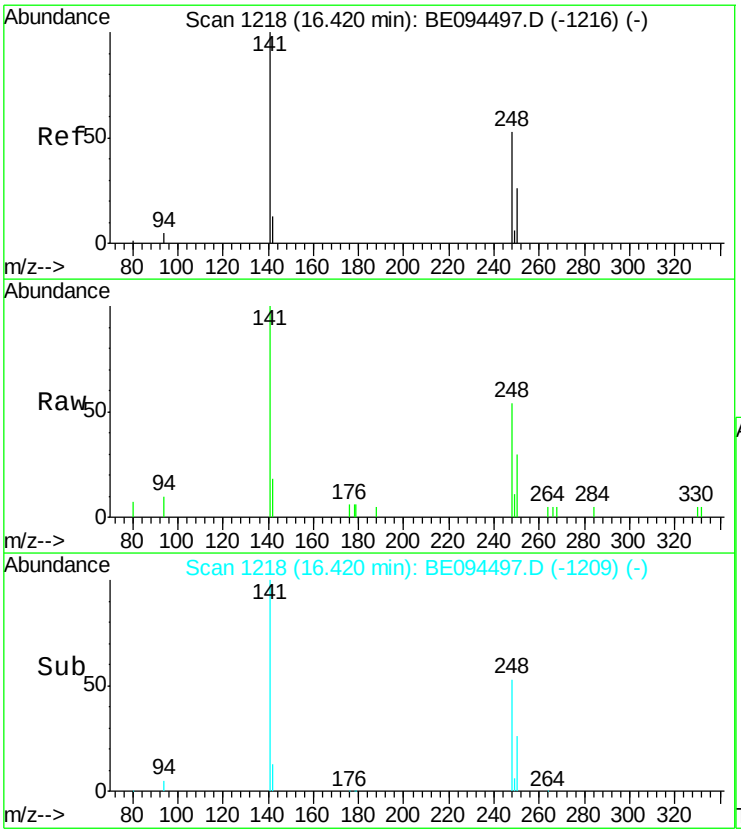
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 7558

Ion	Ratio	Lower	Upper
188	100		
94	27.9	3.9	5.9#
80	33.3	3.6	5.4#

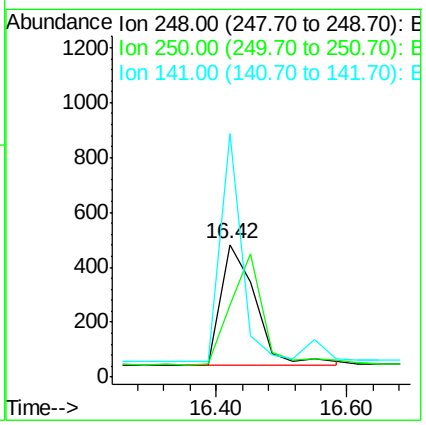


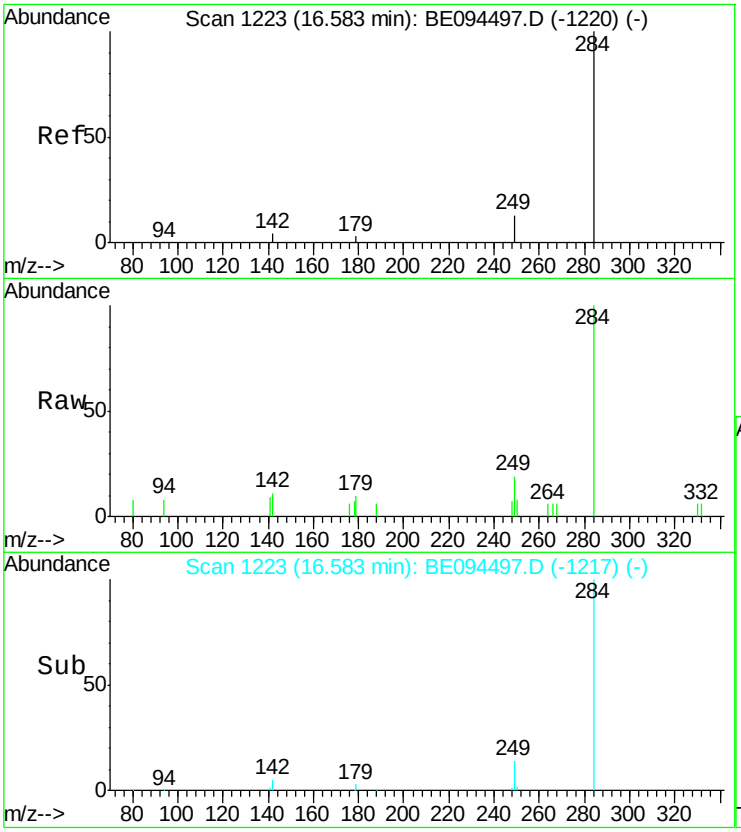


#20
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:248 Resp: 1613

Ion	Ratio	Lower	Upper
248	100		
250	54.7	62.7	94.1#
141	183.6	48.2	72.2#



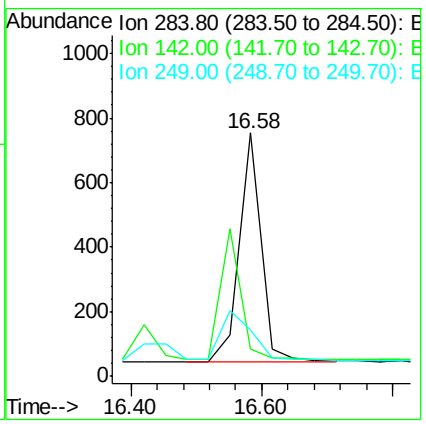


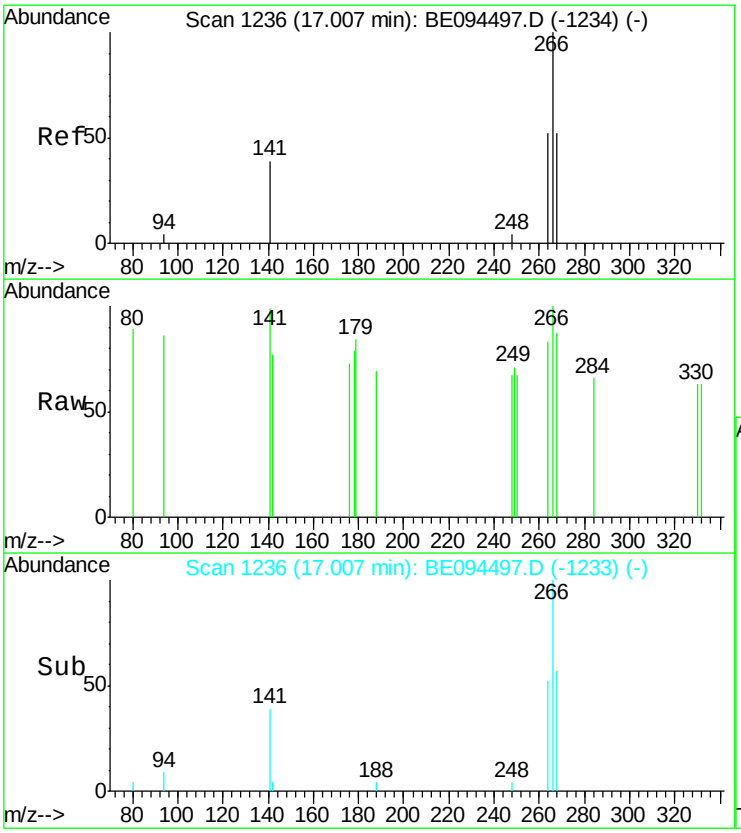
#21
Hexachlorobenzene
Concen: 0.240 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1658

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

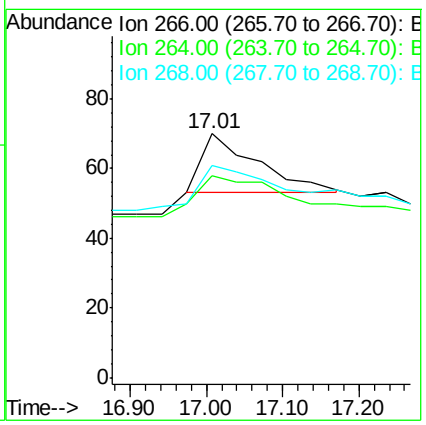


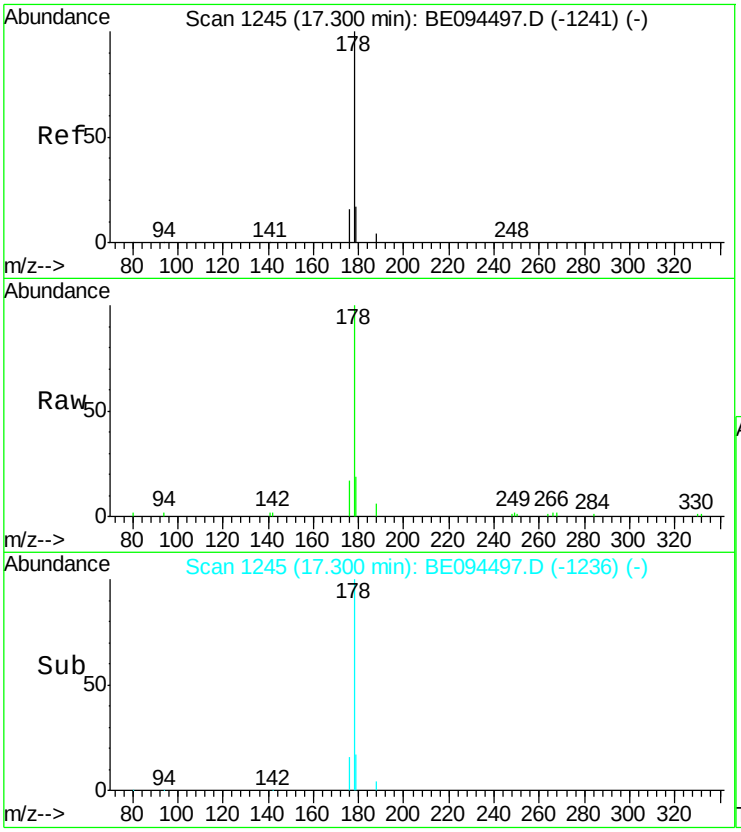


#22
Pentachlorophenol
Concen: 0.145 ng
RT: 17.01 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:266 Resp: 88

Ion	Ratio	Lower	Upper
266	100		
264	82.9	72.5	108.7
268	87.1	73.8	110.6



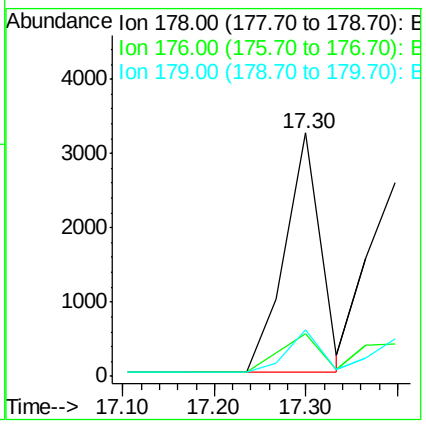


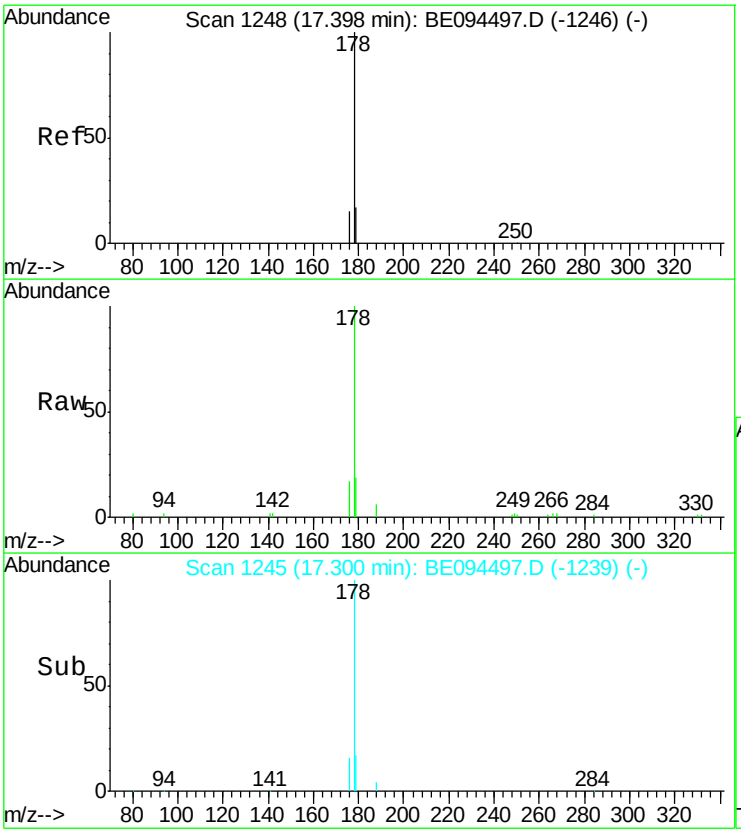
#23
Phenanthrene
Concen: 0.292 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 8674

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	20.3	11.8	17.6#

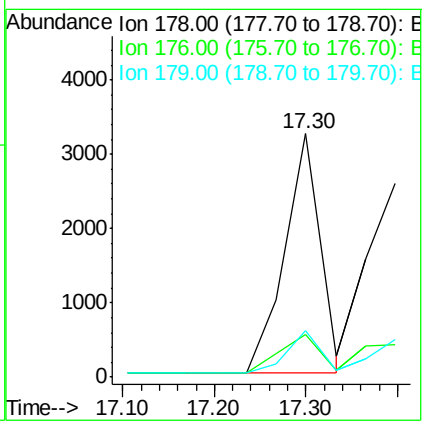


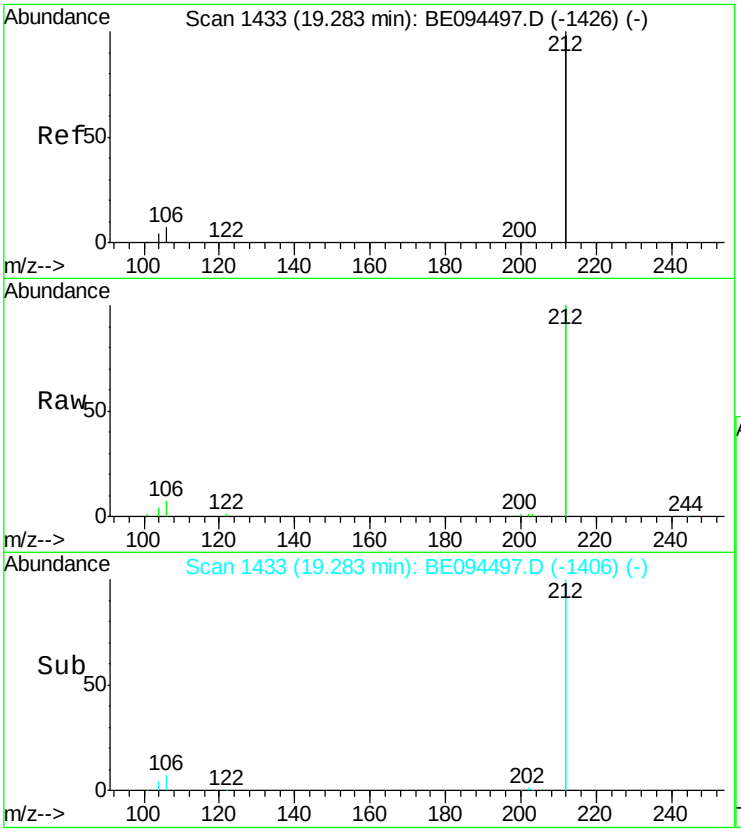


#24
Anthracene
Concen: 0.377 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:178 Resp: 8674

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	20.3	13.0	19.6#



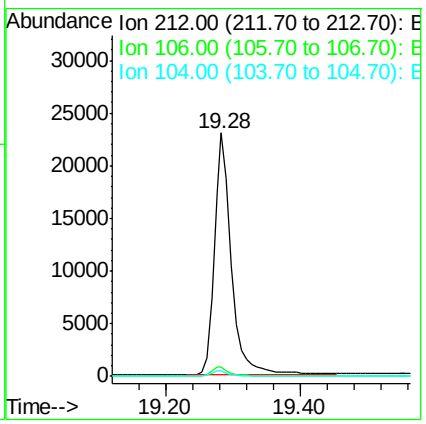


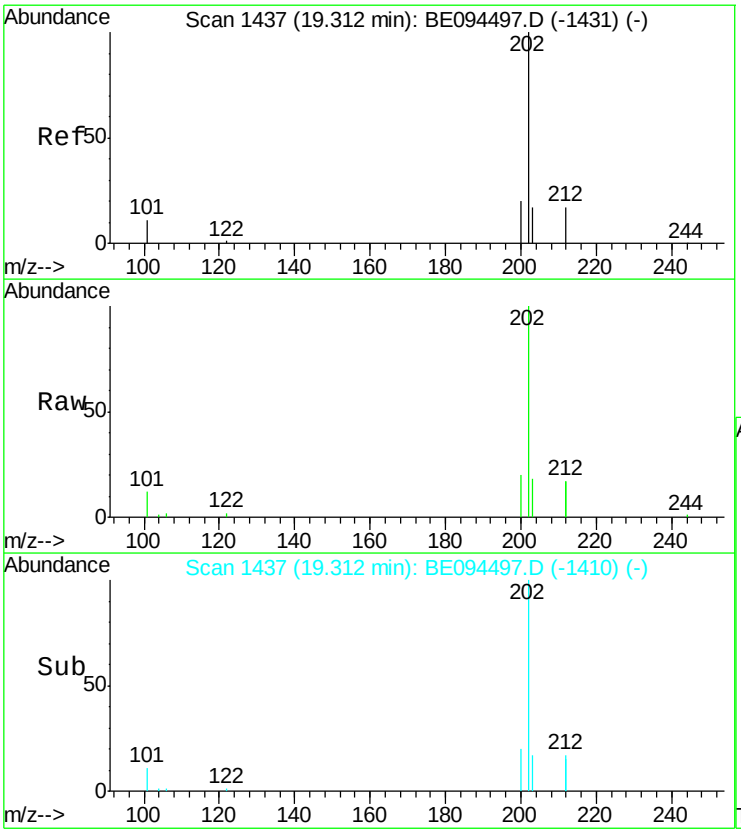
#25
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.28 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 40471

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

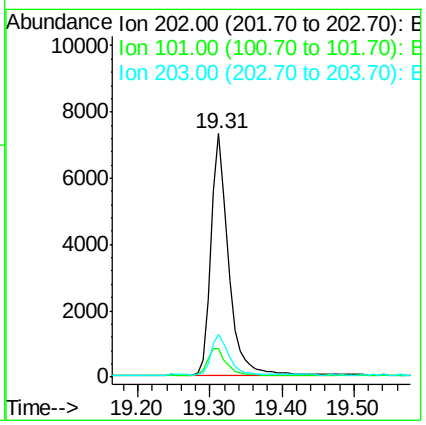


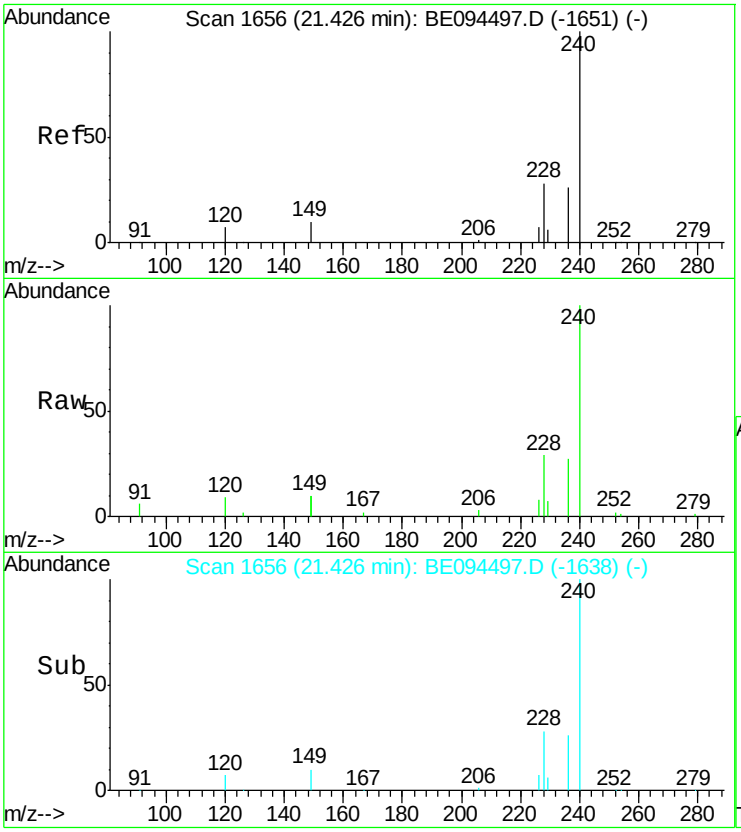


#26
Fluoranthene
Concen: 0.334 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:202 Resp: 12315

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.1	13.7	20.5



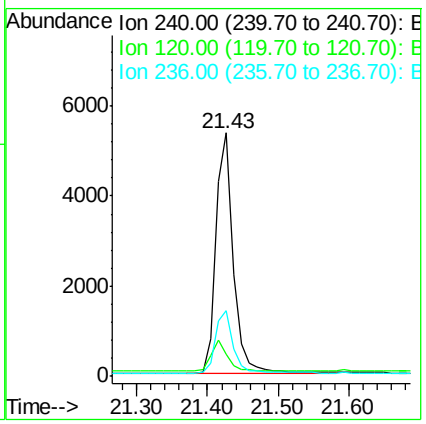


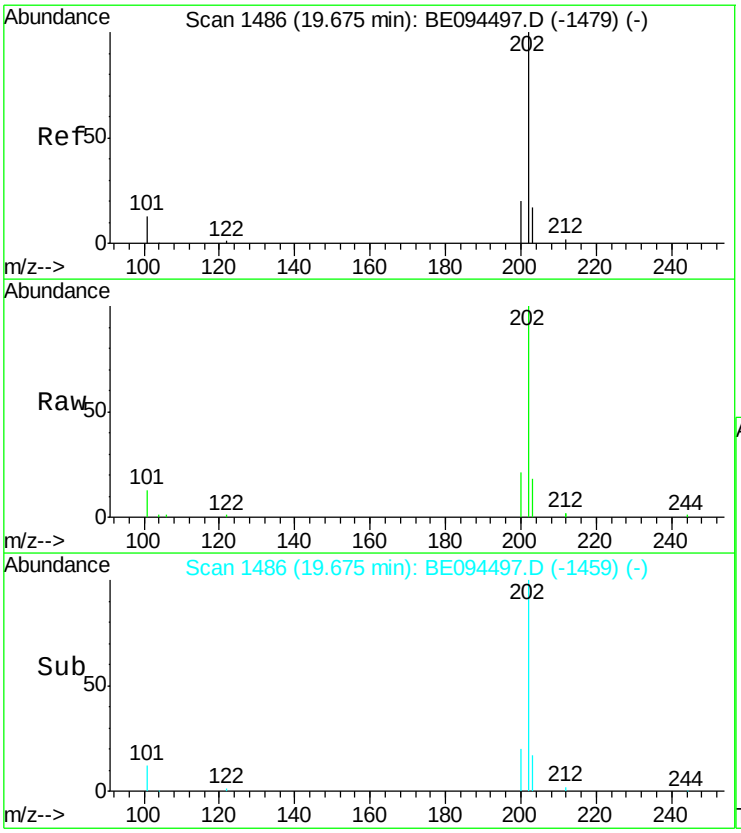
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 9322

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	26.9	20.7	31.1

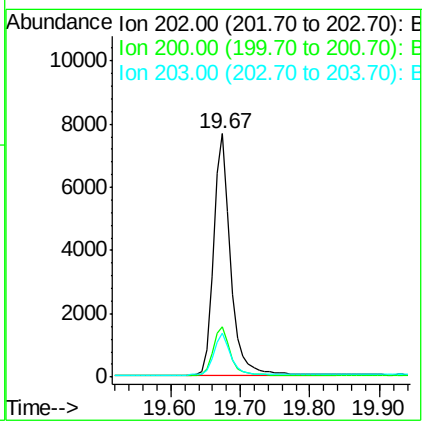


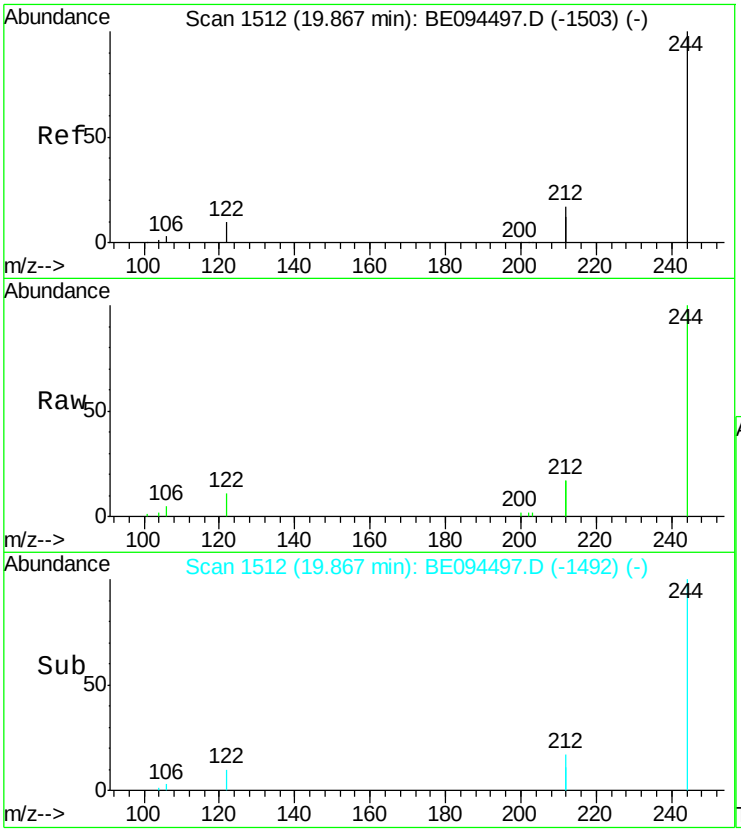


#28
Pyrene
Concen: 0.364 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:202 Resp: 12791

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	13.8	20.8



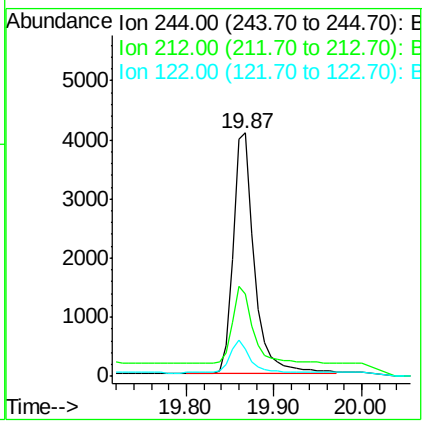


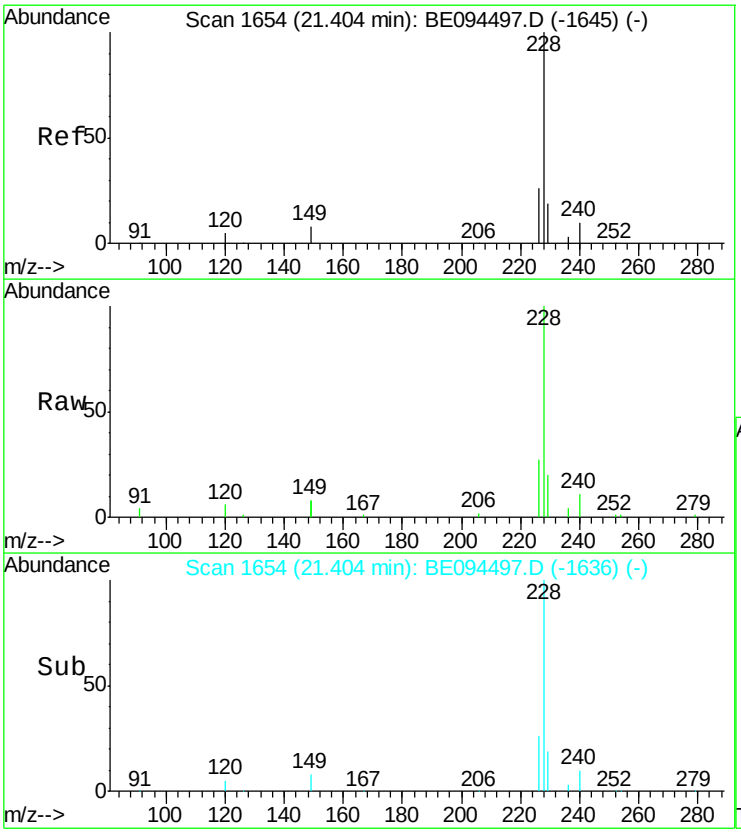
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6900

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.0	8.1	12.1

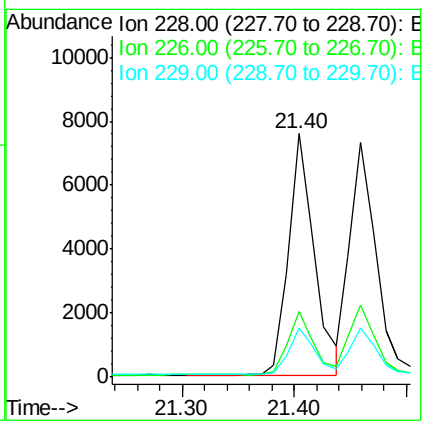


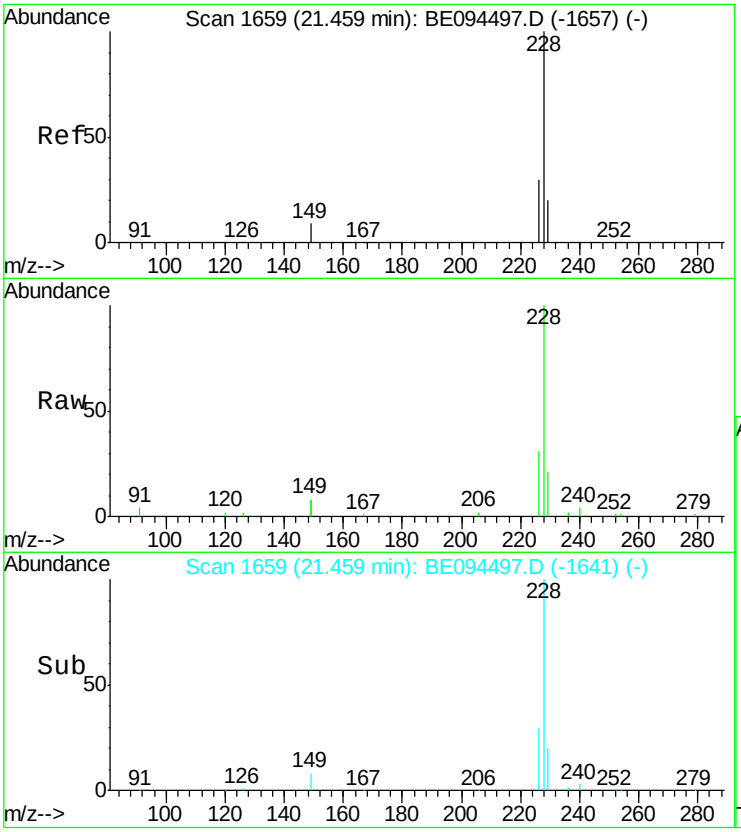


#30
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:228 Resp: 12128

Ion	Ratio	Lower	Upper
228	100		
226	27.2	40.0	60.0#
229	20.2	40.0	60.0#



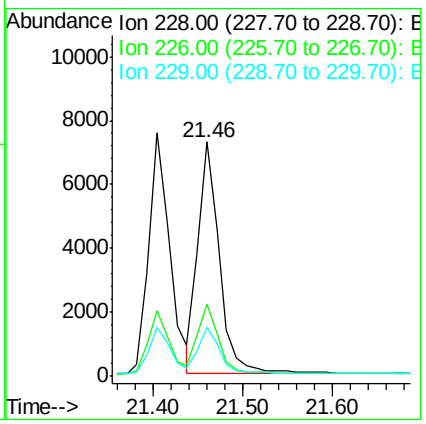


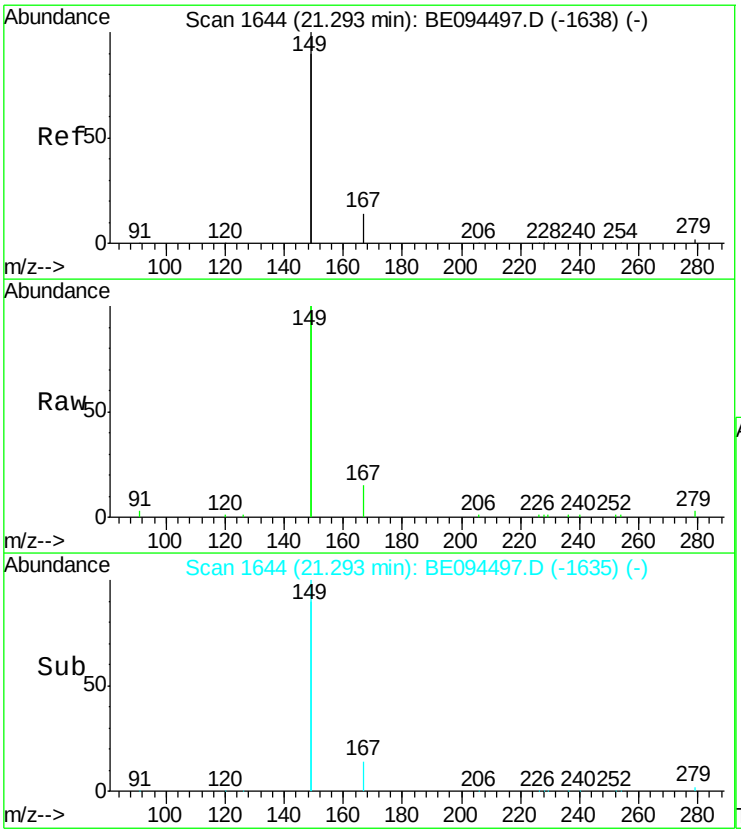
#31
Chrysene
Concen: 0.384 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 11925

Ion	Ratio	Lower	Upper
228	100		
226	30.8	40.0	60.0#
229	20.9	40.0	60.0#

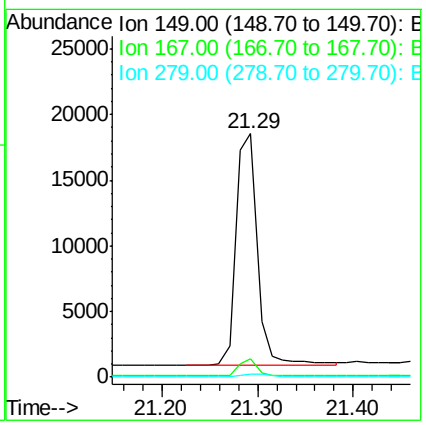


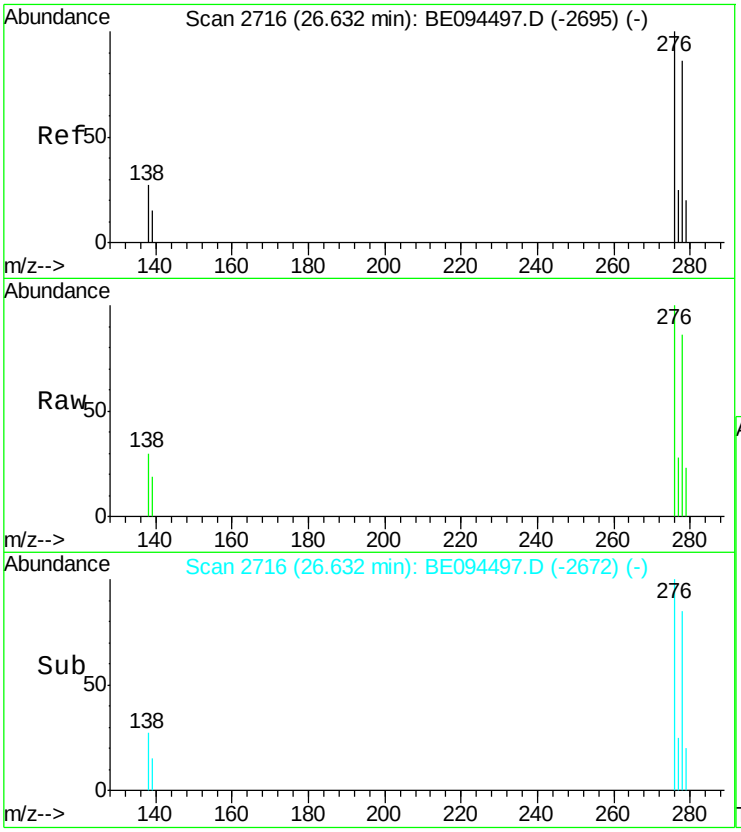


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:149 Resp: 27246

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



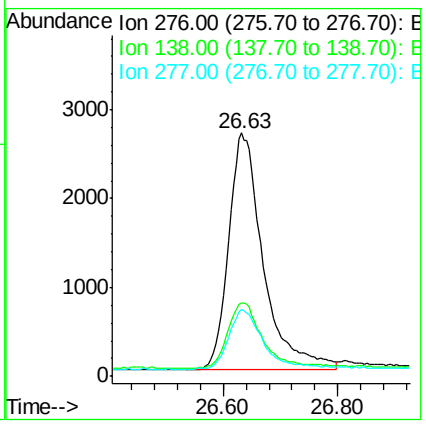


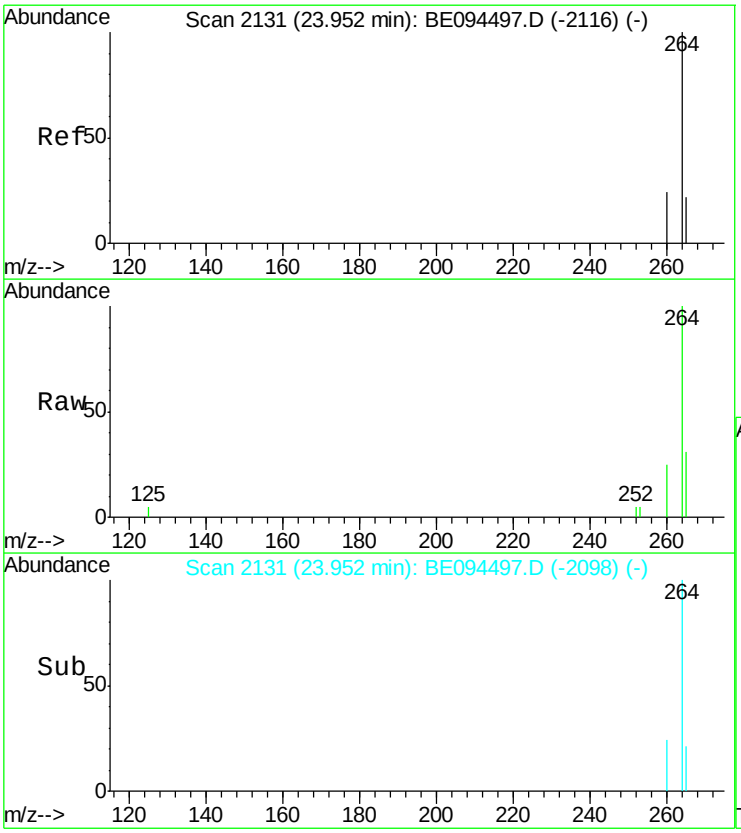
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 11202

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.5	33.7
277	24.6	19.9	29.9

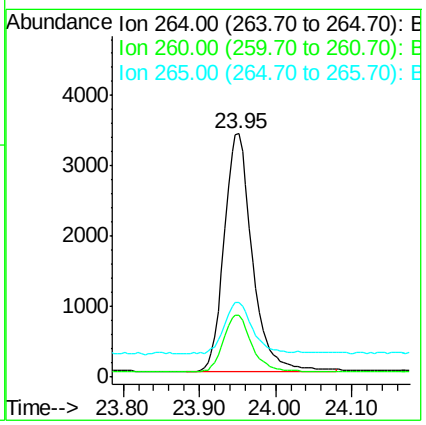


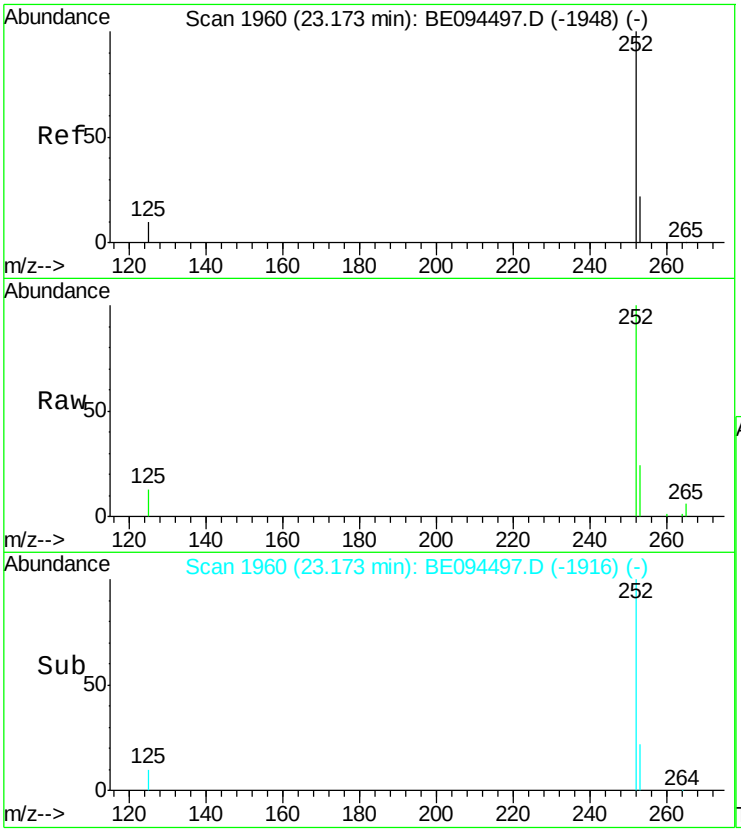


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:264 Resp: 8779

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	30.8	22.8	34.2



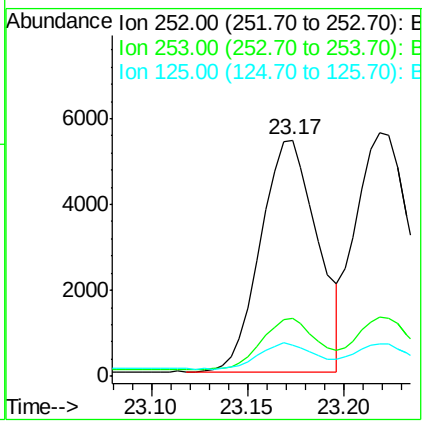


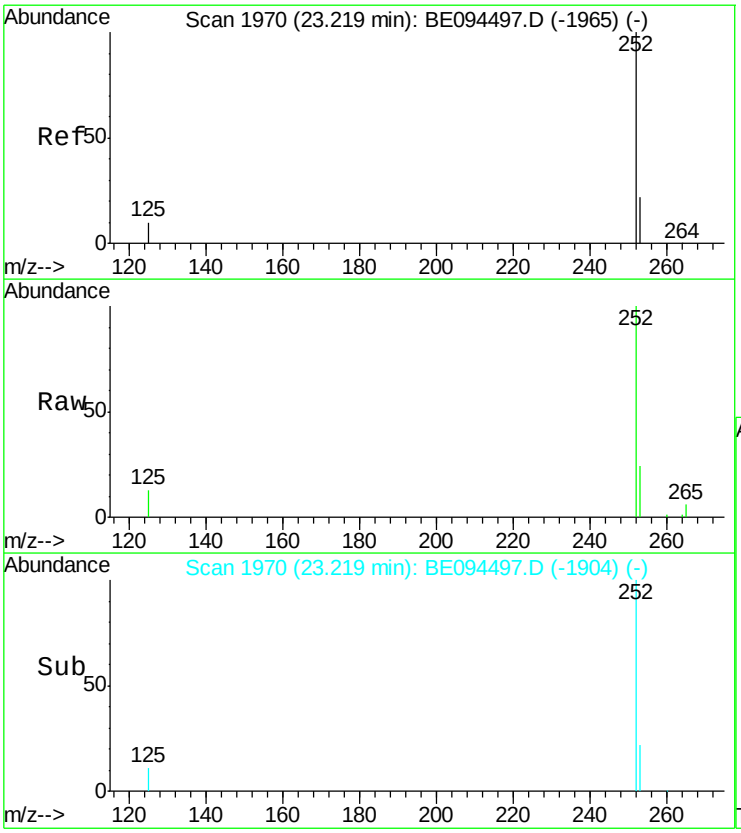
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.17 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 11063

Ion	Ratio	Lower	Upper
252	100		
253	24.4	48.0	72.0#
125	13.3	56.0	84.0#

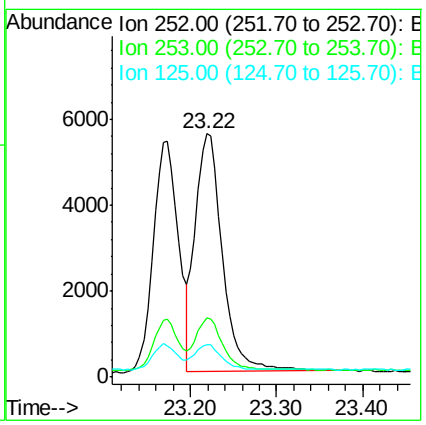


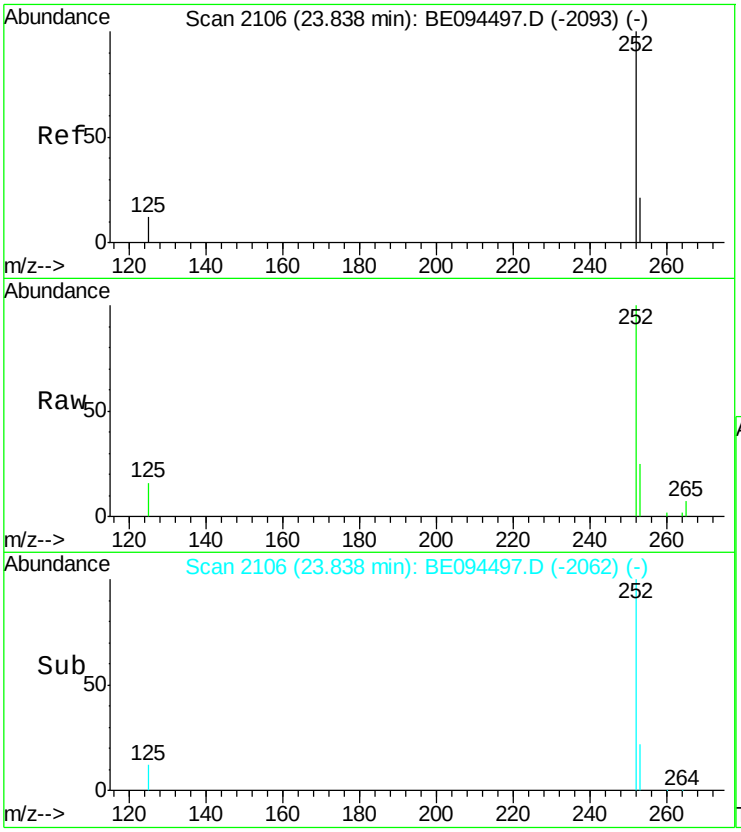


#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.22 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:252 Resp: 12016

Ion	Ratio	Lower	Upper
252	100		
253	24.2	48.0	72.0#
125	13.5	56.0	84.0#



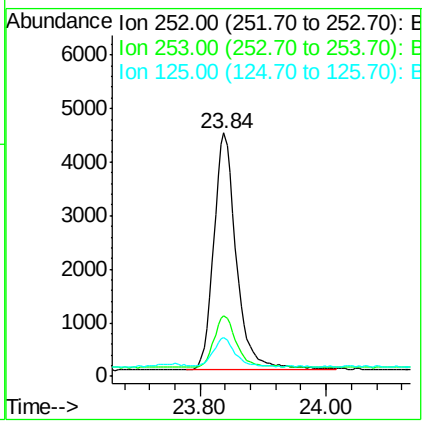


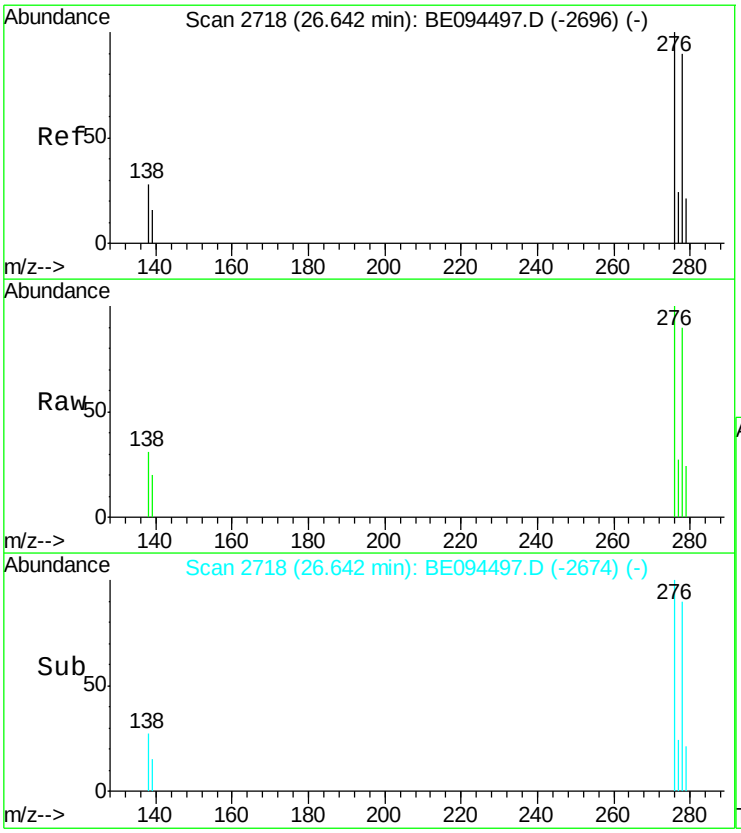
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.84 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 10997

Ion	Ratio	Lower	Upper
252	100		
253	24.7	52.0	78.0#
125	15.9	68.0	102.0#

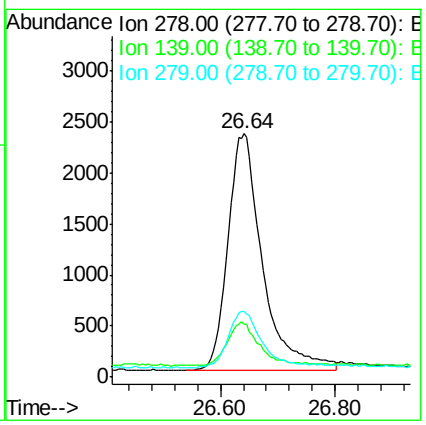


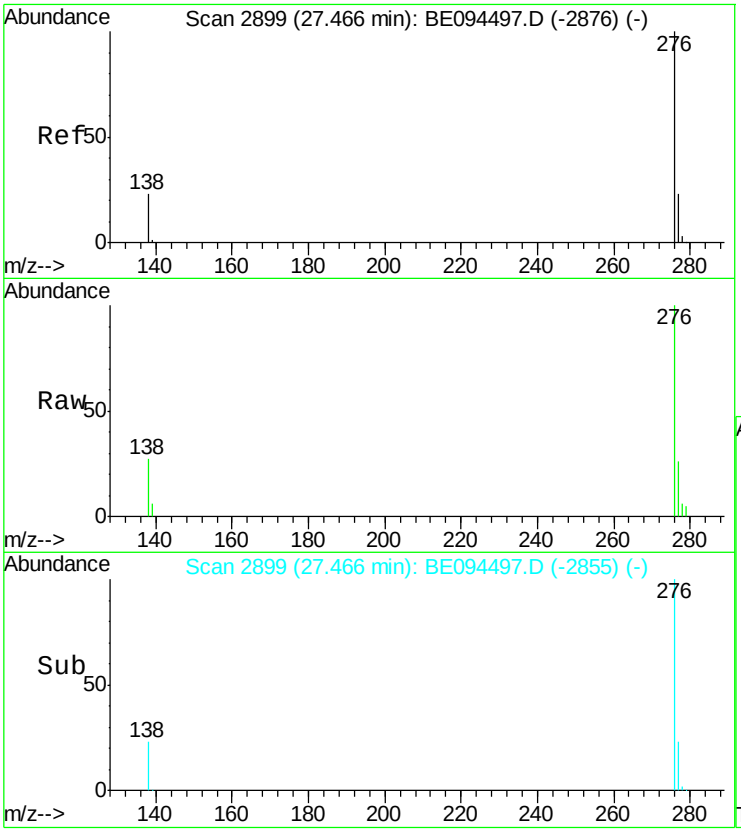


#38
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.64 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Tgt Ion:278 Resp: 9676

Ion	Ratio	Lower	Upper
278	100		
139	21.9	56.0	84.0#
279	26.9	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.47 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BE094497.D
Acq: 23 Oct 2017 16:04

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 9144

Ion	Ratio	Lower	Upper
276	100		
277	26.4	52.0	78.0#
138	27.0	44.0	66.0#