Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094496.D
Acq On : 23 Oct 2017 15:28
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Oct 23 17:31:15 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	7.90	152	1194	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	6556	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3946	0.40	ng		0.02
19) Phenanthrene-d10	17.27	188	7448	0.40	ng		0.03
27) Chrysene-d12	21.43	240	9273	0.40	ng		0.00
34) Perylene-d12	23.95	264	8905	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	788	0.20	ng		0.00
5) Phenol-d6	0.00	99	0	0.00	ng		
8) Nitrobenzene-d5	9.09	82	950	0.17	ng		0.02
11) 2-Methylnaphthalene-d10	12.30	152	2101	0.21	ng		0.02
14) 2,4,6-Tribromophenol	16.06	330	192	0.13	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	2753	0.20	ng		0.02
25) Fluoranthene-d10	19.29	212	20894	0.17	ng		0.00
29) Terphenyl-d14	19.87	244	3488	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	452	0.217	ng	#	89
3) n-Nitrosodimethylamine	3.76	42	340	0.164	ng	#	84
6) bis(2-Chloroethyl)ether	7.34	93	907	0.195	ng		74
9) Naphthalene	10.76	128	14725	0.201	ng		98
10) Hexachlorobutadiene	11.01	225	536	0.183	ng		97
12) 2-Methylnaphthalene	12.38	142	2506	0.207	ng		100
16) Acenaphthylene	14.24	152	4037	0.189	ng		99
17) Acenaphthene	14.59	154	2675	0.199	ng		97
18) Fluorene	15.58	166	3360	0.193	ng		96
20) 4-Bromophenyl-phenylether	16.45	248	818	0.220	ng	#	69
21) Hexachlorobenzene	16.58	284	1007	0.148	ng	#	62
22) Pentachlorophenol	17.04	266	23	0.039	ng		98
23) Phenanthrene	17.30	178	5554	0.189	ng		98
24) Anthracene	17.40	178	4244	0.187	ng		98
26) Fluoranthene	19.32	202	6320	0.174	ng		99
28) Pyrene	19.67	202	6623	0.189	ng		100
30) Benzo(a)anthracene	21.40	228	6176	0.193	ng	#	64
31) Chrysene	21.46	228	6271	0.203	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.28	149	15169	0.164	ng		98
33) Indeno(1,2,3-cd)pyrene	26.64	276	5845	0.188	ng		99
35) Benzo(b)fluoranthene	23.17	252	5774	0.191	ng	#	44
36) Benzo(k)fluoranthene	23.22	252	6085	0.204	ng	#	44
37) Benzo(a)pyrene	23.84	252	5590	0.197	ng	#	38
38) Dibenzo(a,h)anthracene	26.64	278	4968	0.185	ng	#	50
39) Benzo(g,h,i)perylene	27.46	276	4693	0.182	ng	#	60

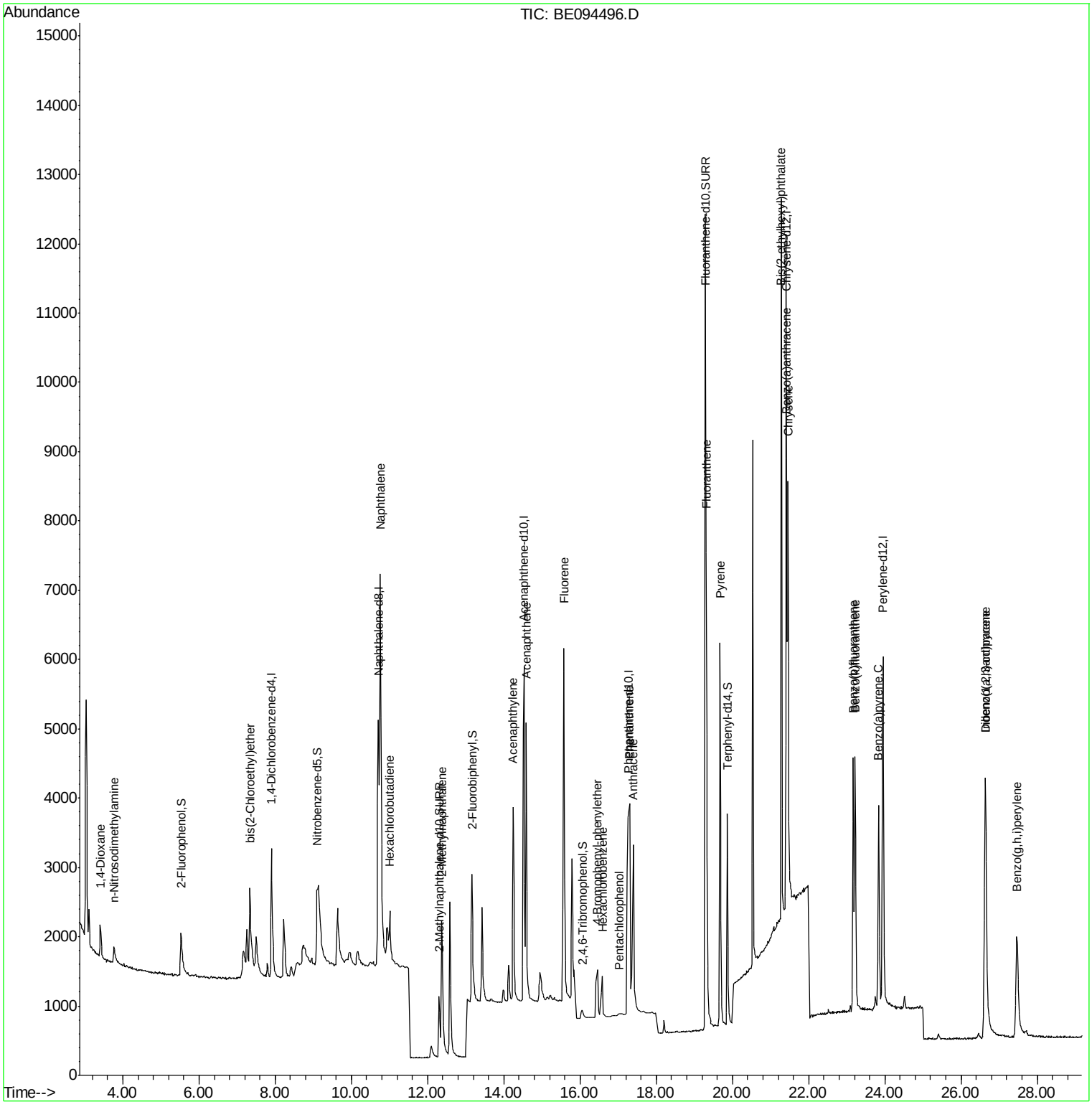
(#) = qualifier out of range (m) = manual integration (+) = signals summed

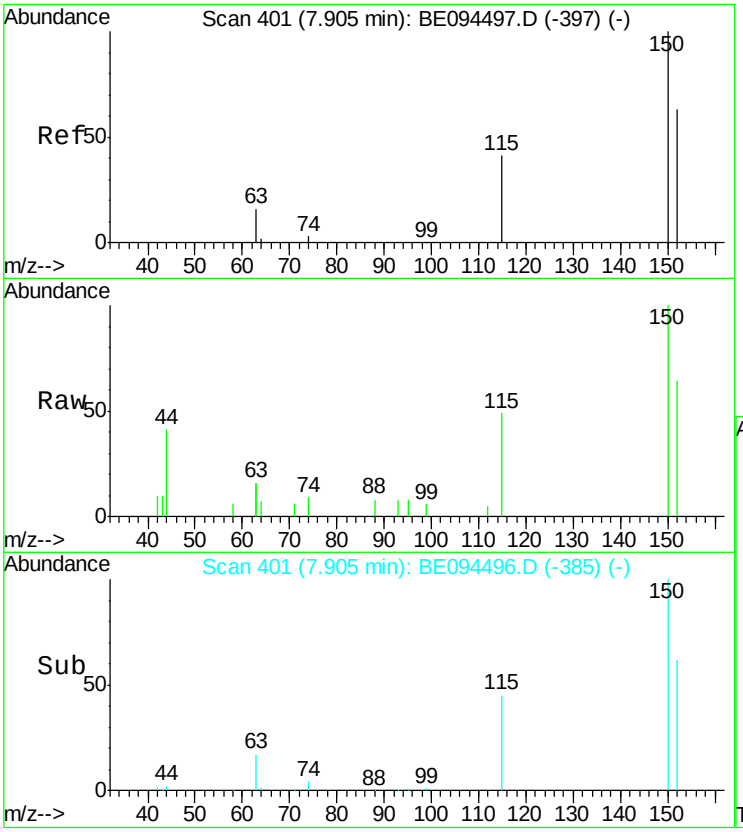
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
Data File : BE094496.D
Acq On : 23 Oct 2017 15:28
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 23 17:31:15 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



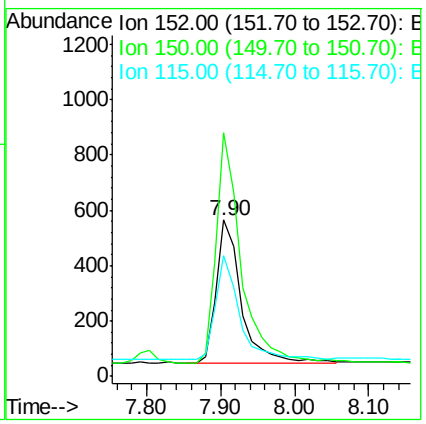


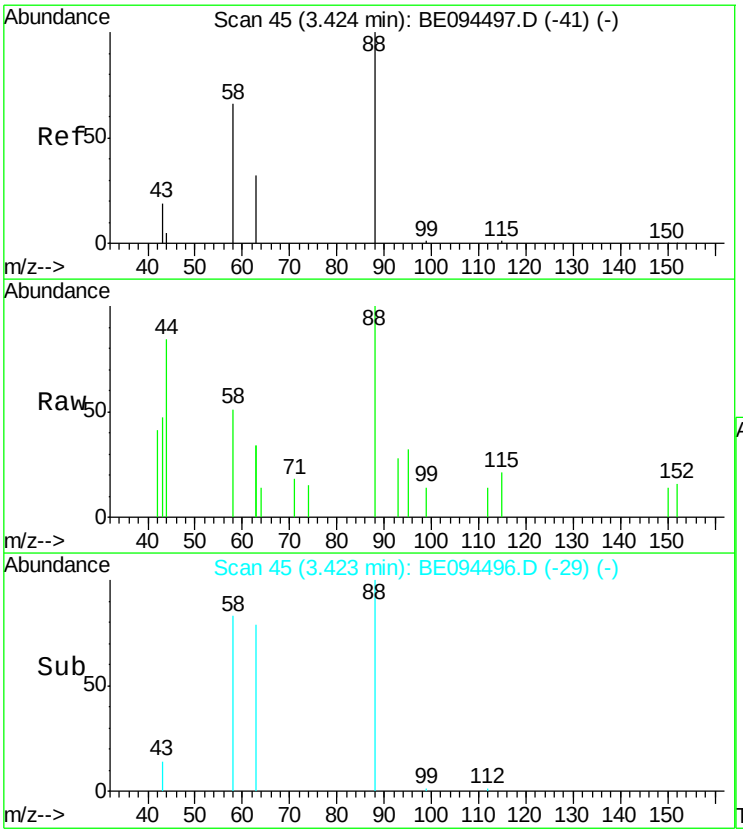
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1194

Ion	Ratio	Lower	Upper
152	100		
150	155.8	117.2	175.8
115	77.0	57.0	85.6

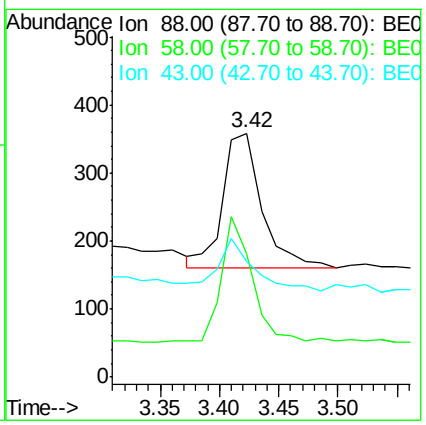


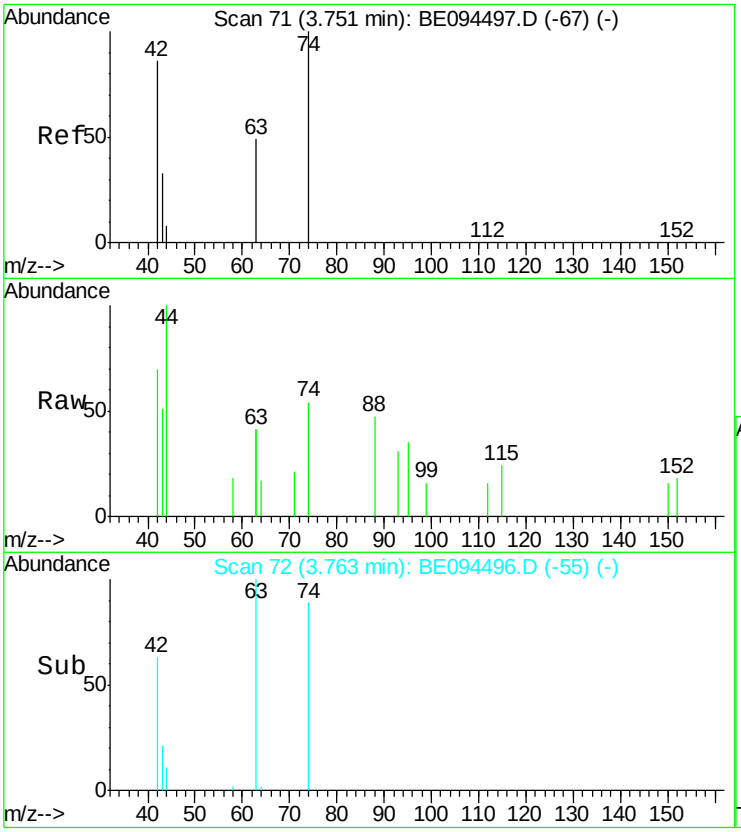


#2
1,4-Dioxane
Concen: 0.217 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion: 88 Resp: 452

Ion	Ratio	Lower	Upper
88	100		
58	81.2	63.2	94.8
43	35.2	41.2	61.8#



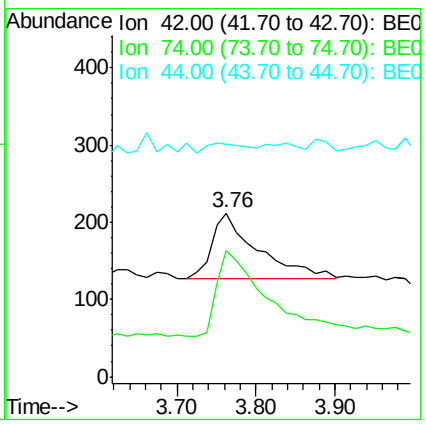


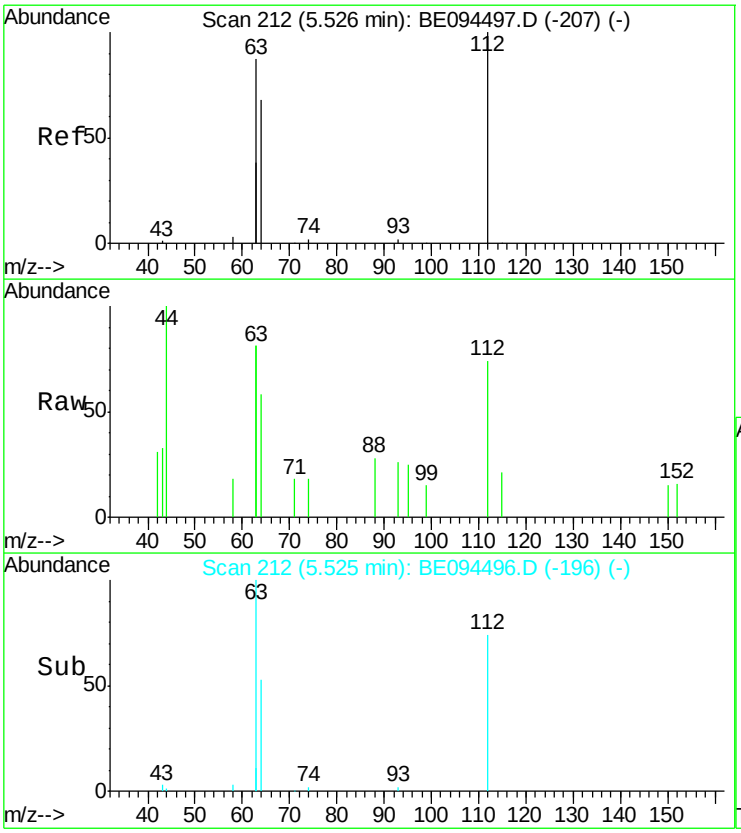
#3
n-Nitrosodimethylamine
Concen: 0.164 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 340

Ion	Ratio	Lower	Upper
42	100		
74	144.1	100.3	150.5
44	16.2	17.0	25.4#

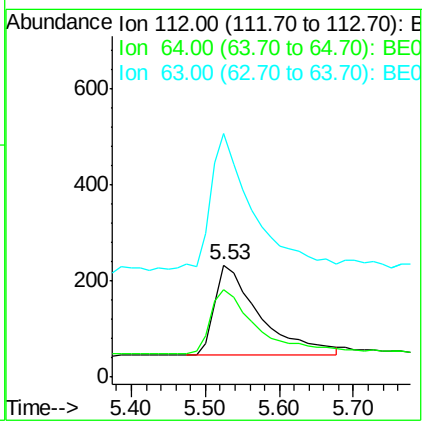


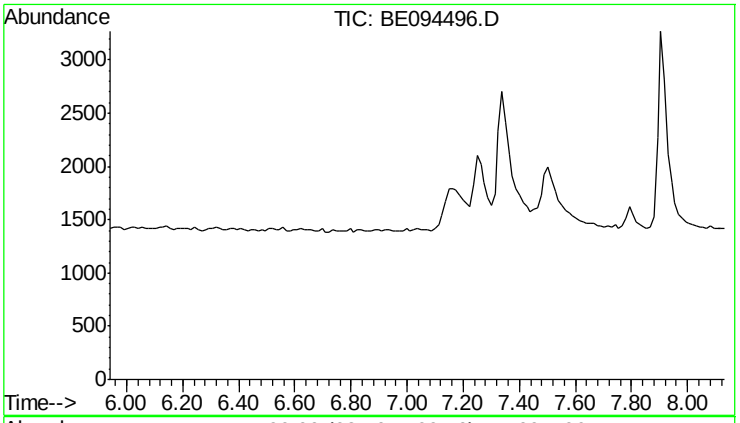


#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:112 Resp: 788

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.1	90.1
63	143.1	116.8	175.2





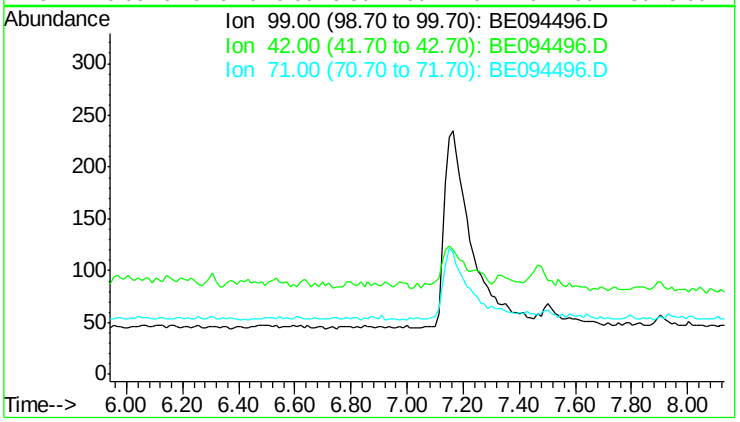
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.14 min

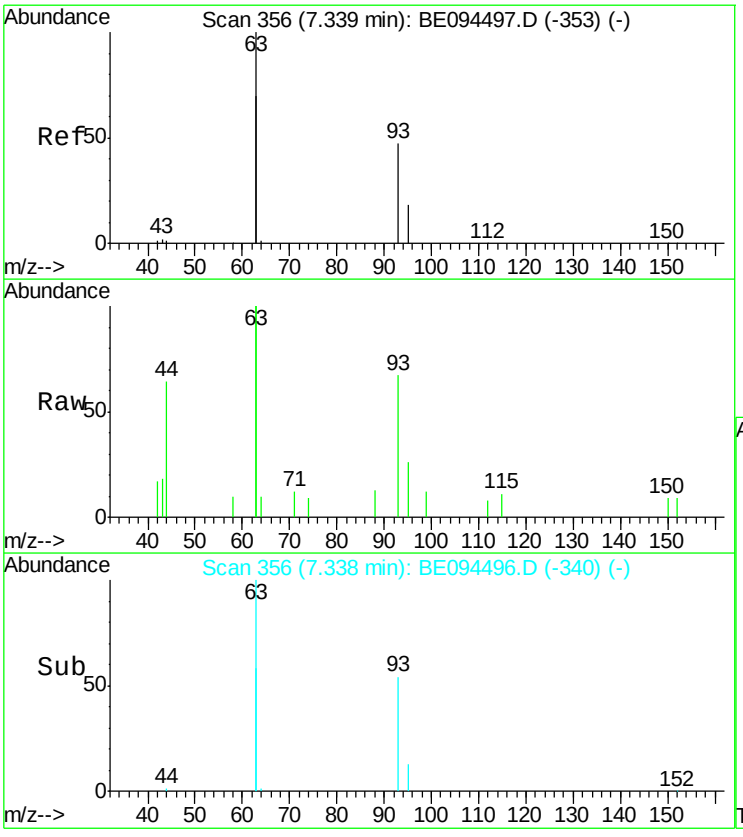
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	25.2
71	35.5

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

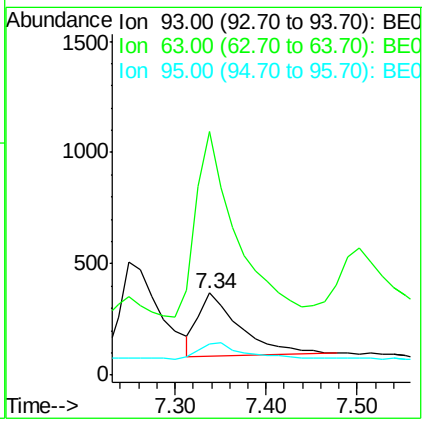


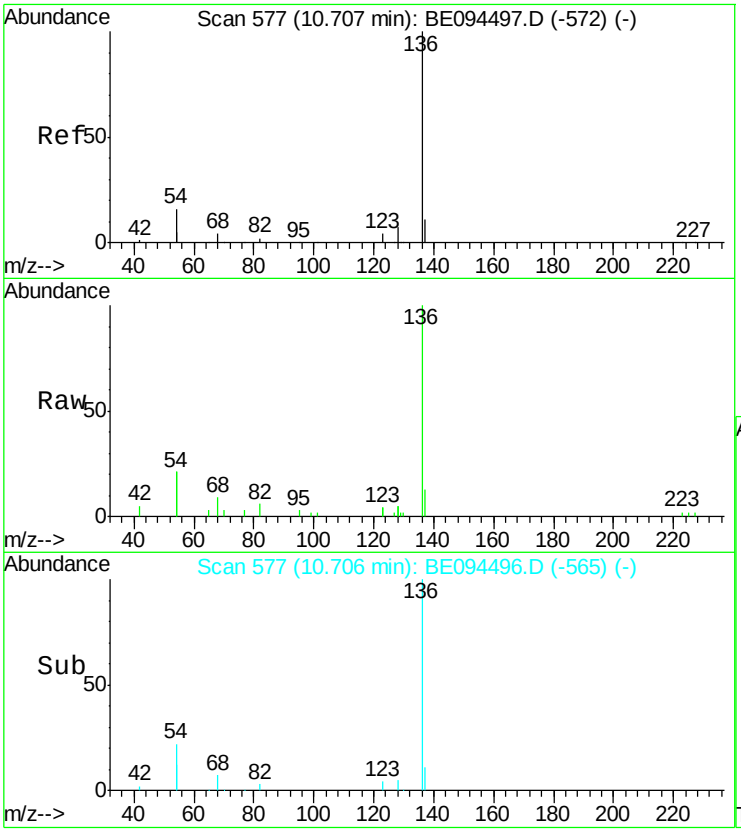


#6
bis(2-Chloroethyl)ether
Concen: 0.195 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion: 93 Resp: 907

Ion	Ratio	Lower	Upper
93	100		
63	283.5	275.3	412.9
95	27.8	25.2	37.8



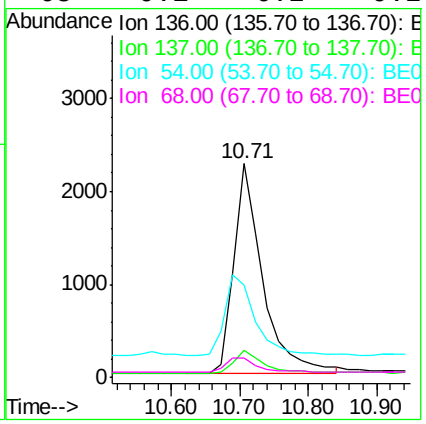


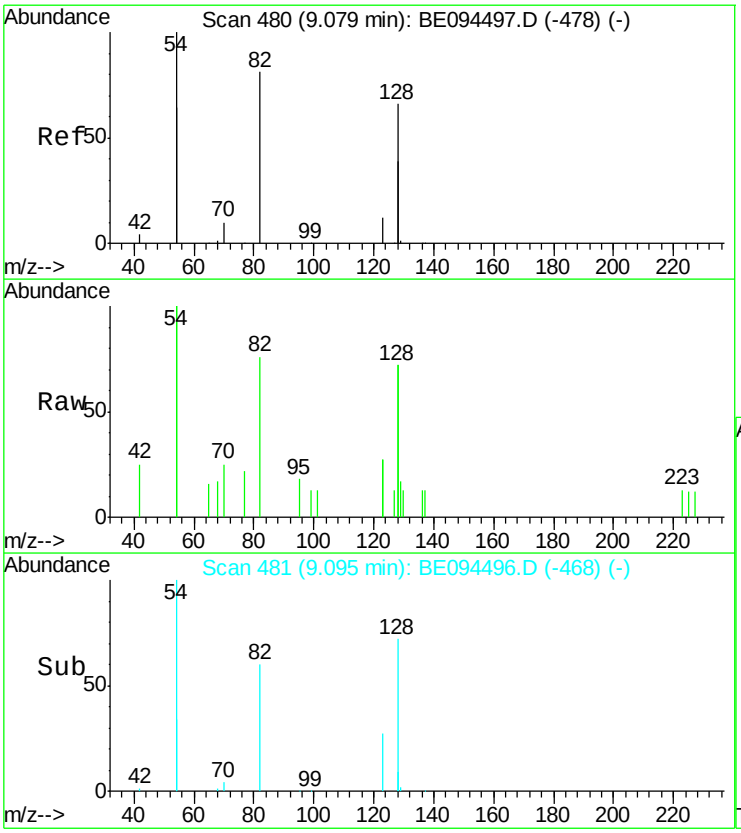
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 6556

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	42.9	29.1	43.7
68	9.1	6.2	9.2

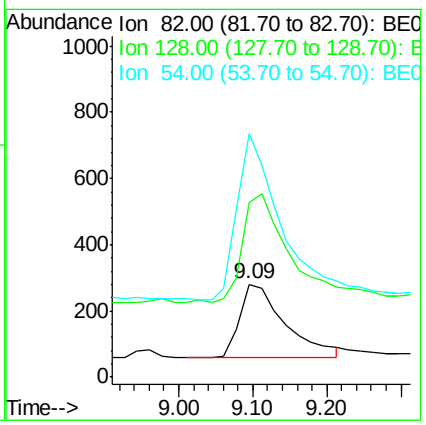


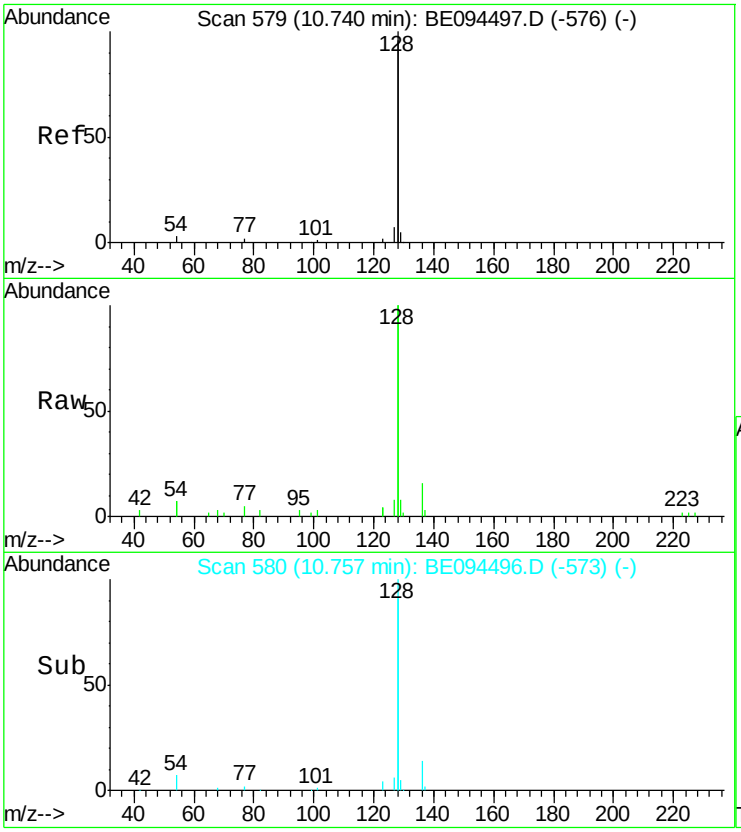


#8
Nitrobenzene-d5
Concen: 0.167 ng
RT: 9.09 min Scan# 481
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion: 82 Resp: 950

Ion	Ratio	Lower	Upper
82	100		
128	188.6	150.0	225.0
54	262.9	154.2	231.4#



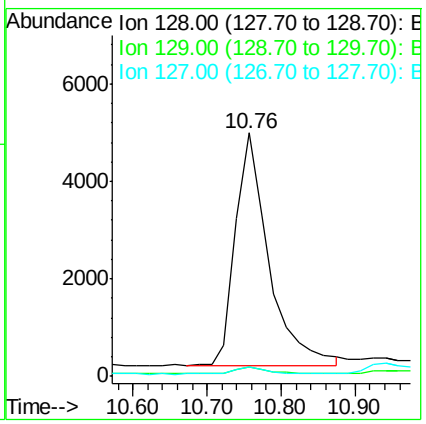


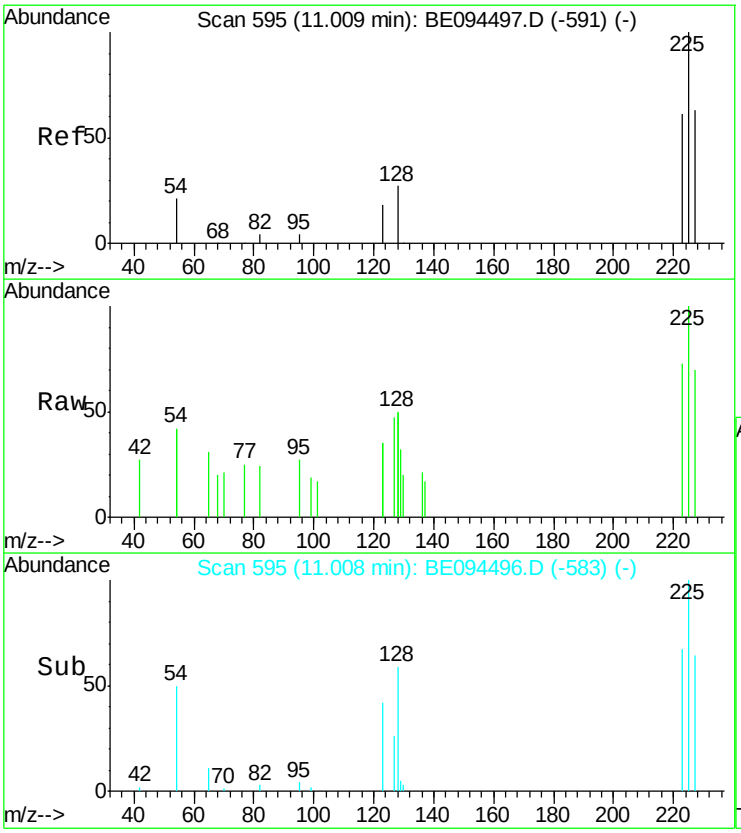
#9
Naphthalene
Concen: 0.201 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 14725

Ion	Ratio	Lower	Upper
128	100		
129	3.8	2.6	3.8
127	3.9	2.8	4.2

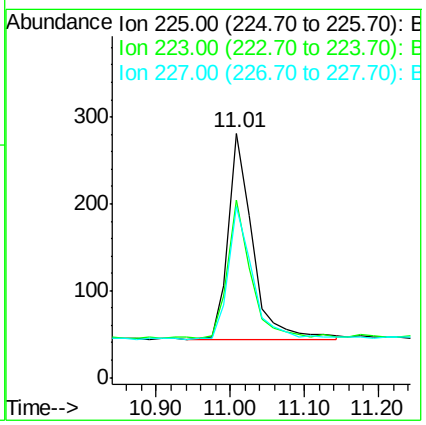


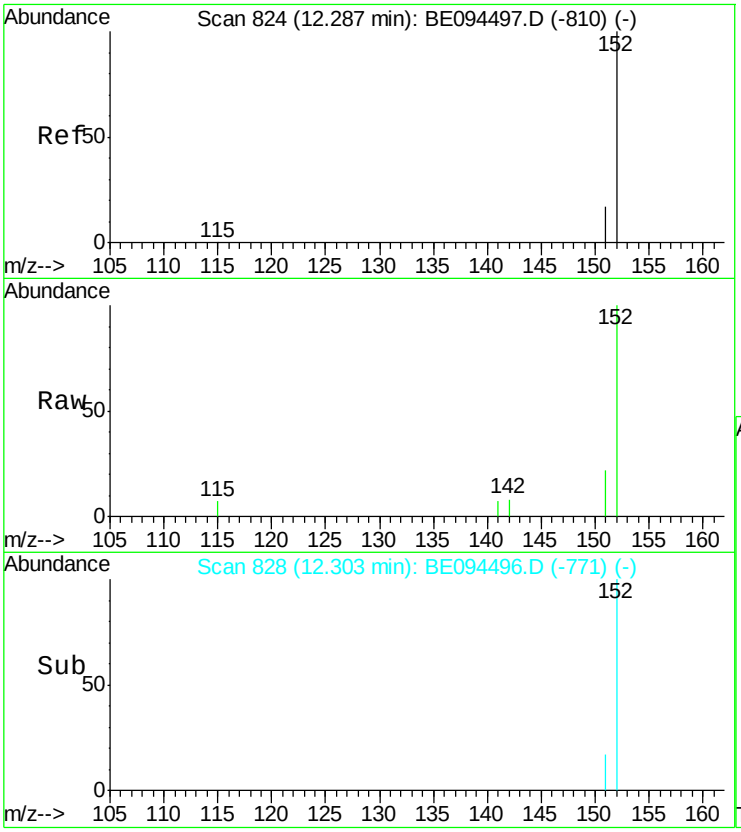


#10
Hexachlorobutadiene
Concen: 0.183 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:225 Resp: 536

Ion	Ratio	Lower	Upper
225	100		
223	62.7	53.0	79.6
227	64.7	51.4	77.2



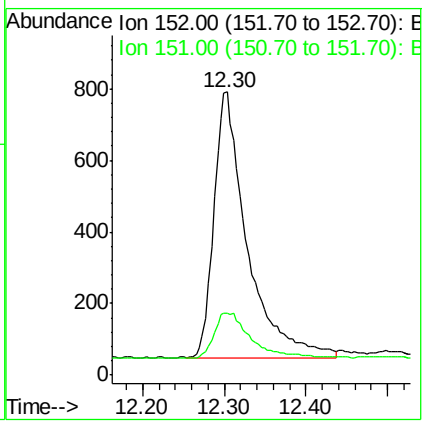


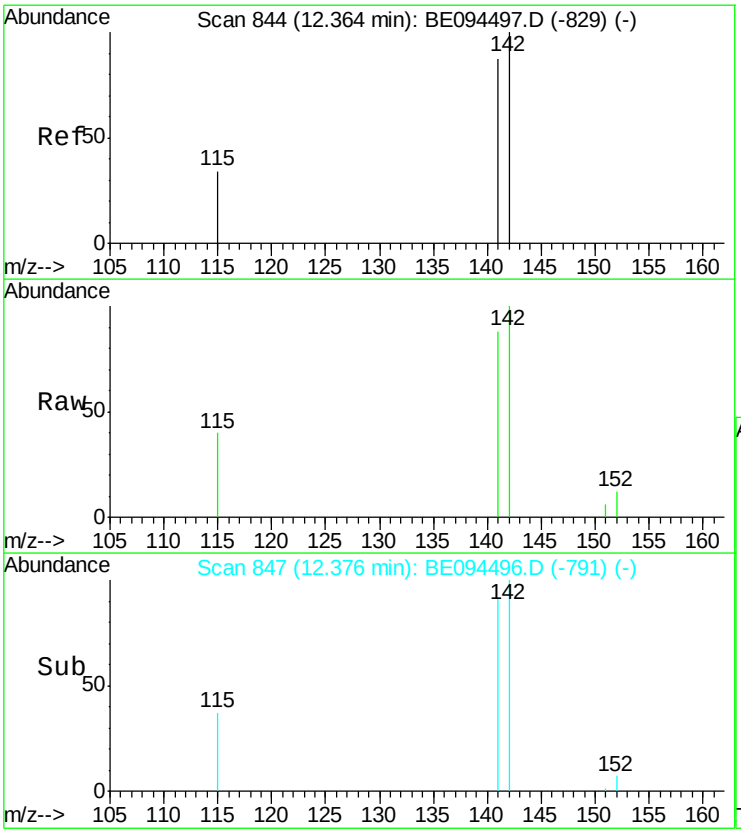
#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 12.30 min Scan# 828
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2101

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

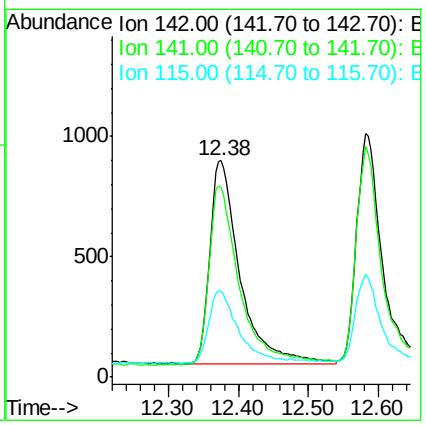


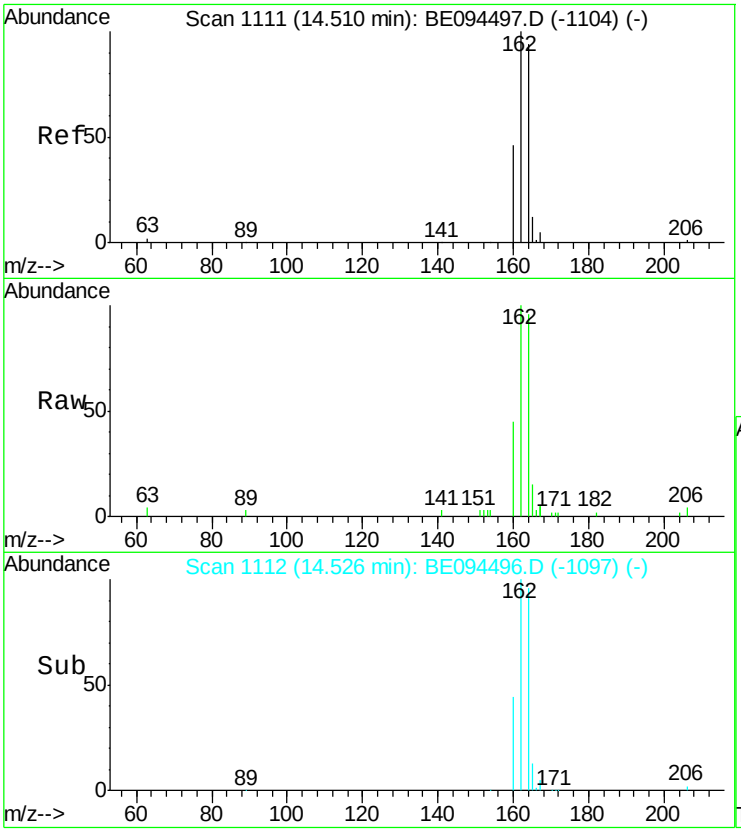


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.38 min Scan# 847
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:142 Resp: 2506

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	40.0	31.7	47.5



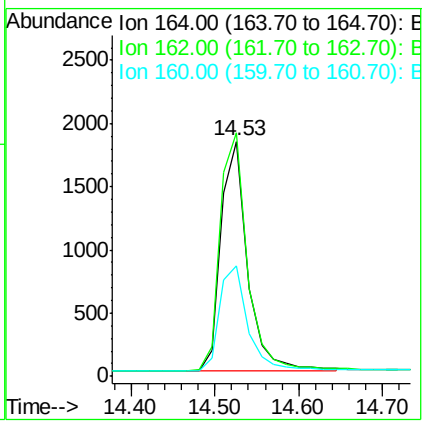


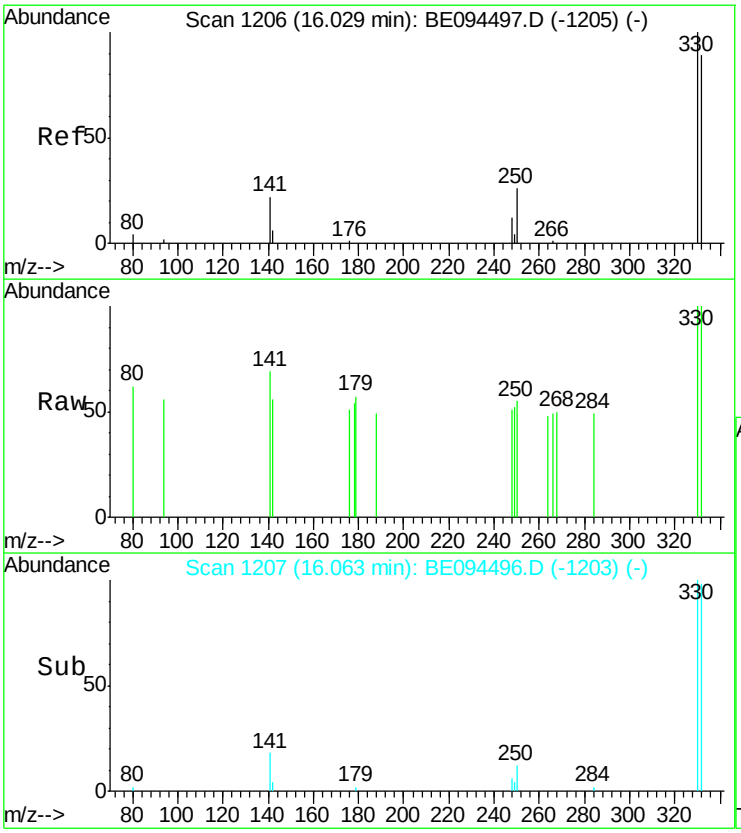
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3946

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	46.9	37.1	55.7

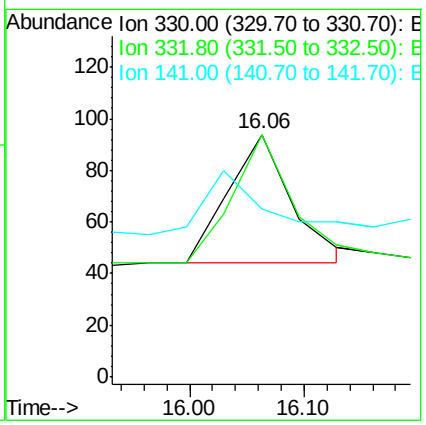


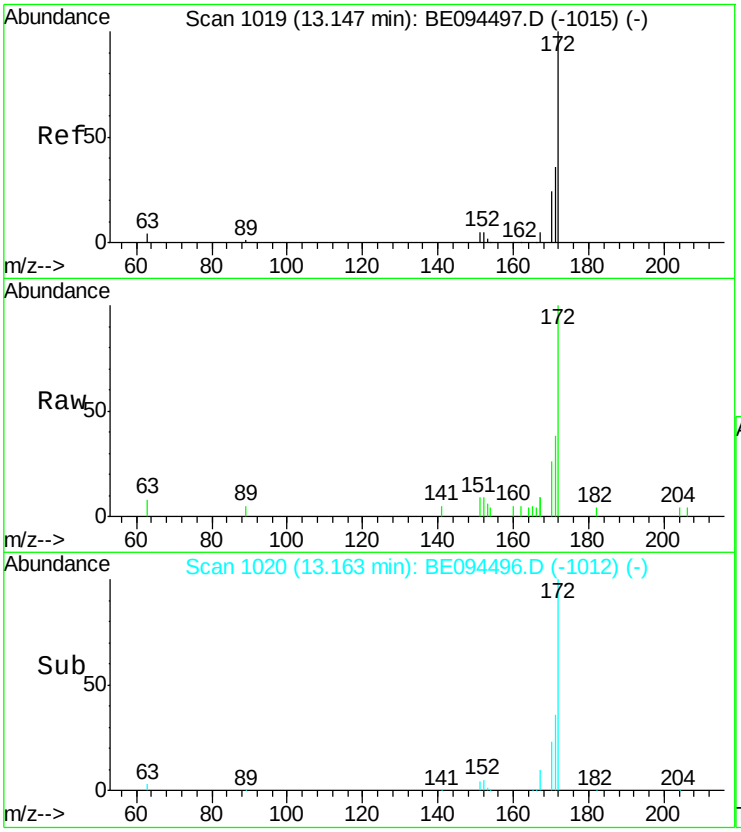


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:330 Resp: 192

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	0.0	33.7	50.5#



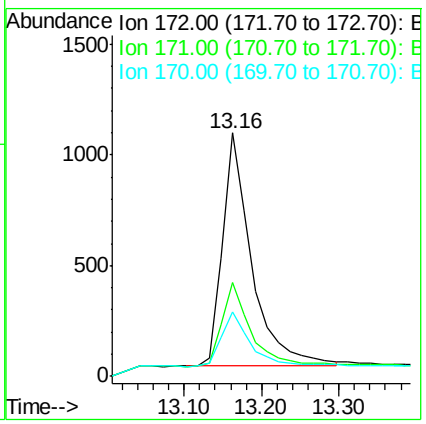


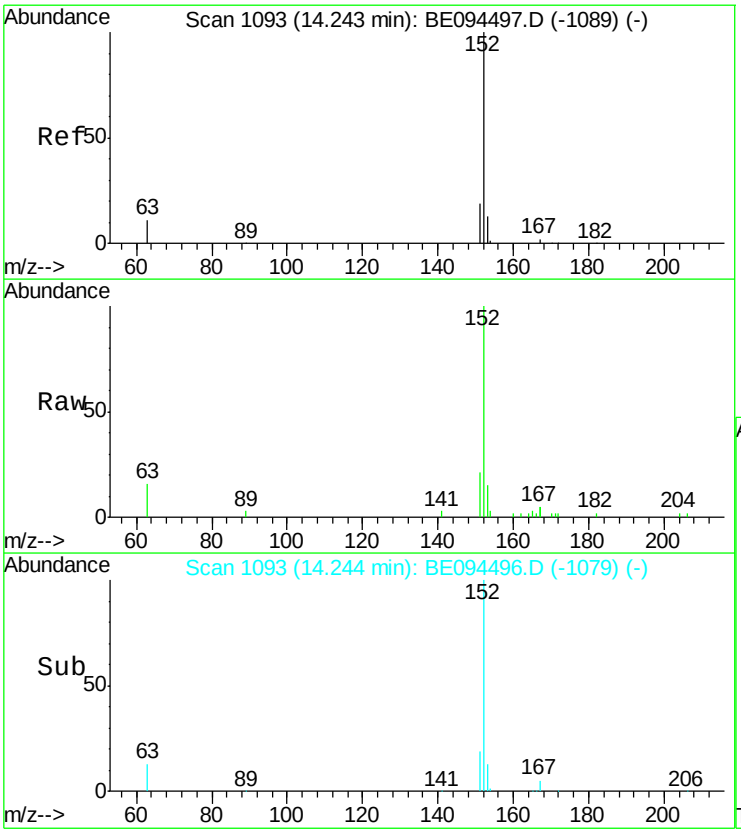
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2753

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.9	44.9
170	26.4	21.8	32.8

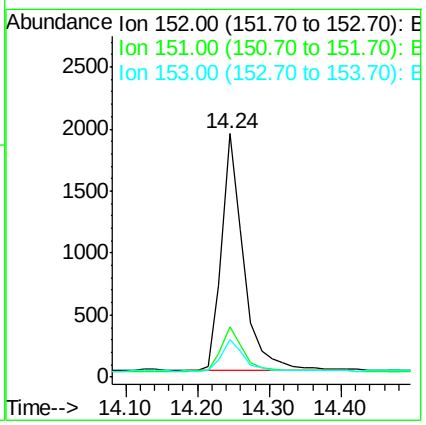


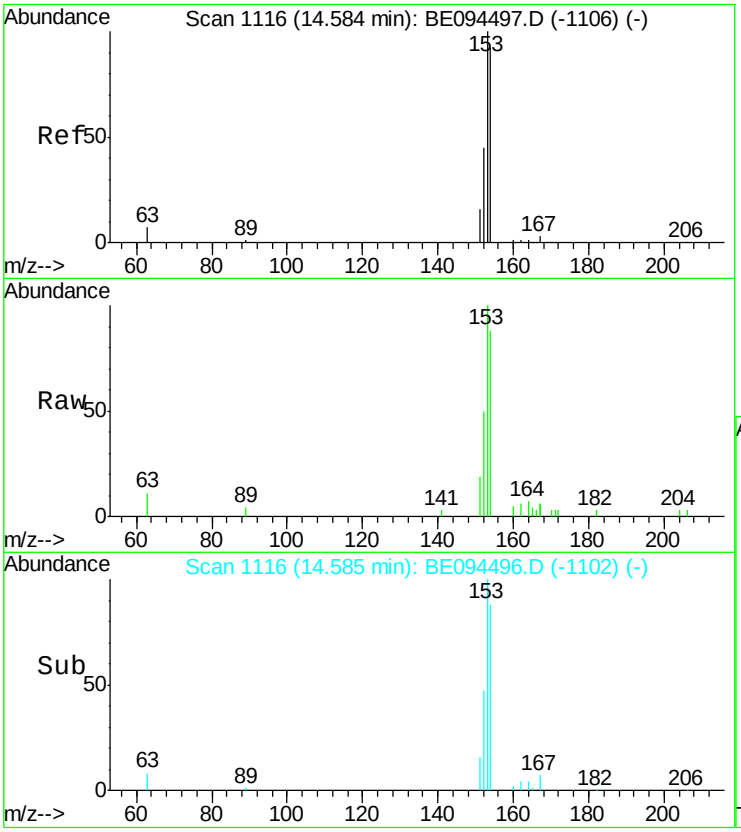


#16
Acenaphthylene
Concen: 0.189 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:152 Resp: 4037

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.5	10.5	15.7



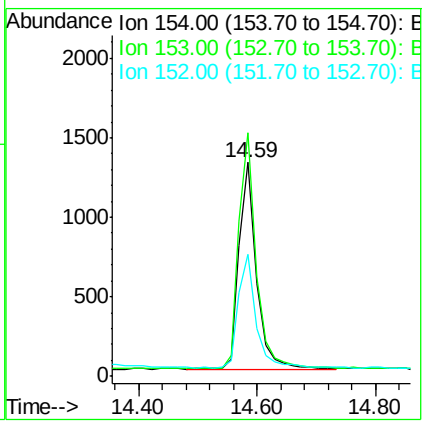


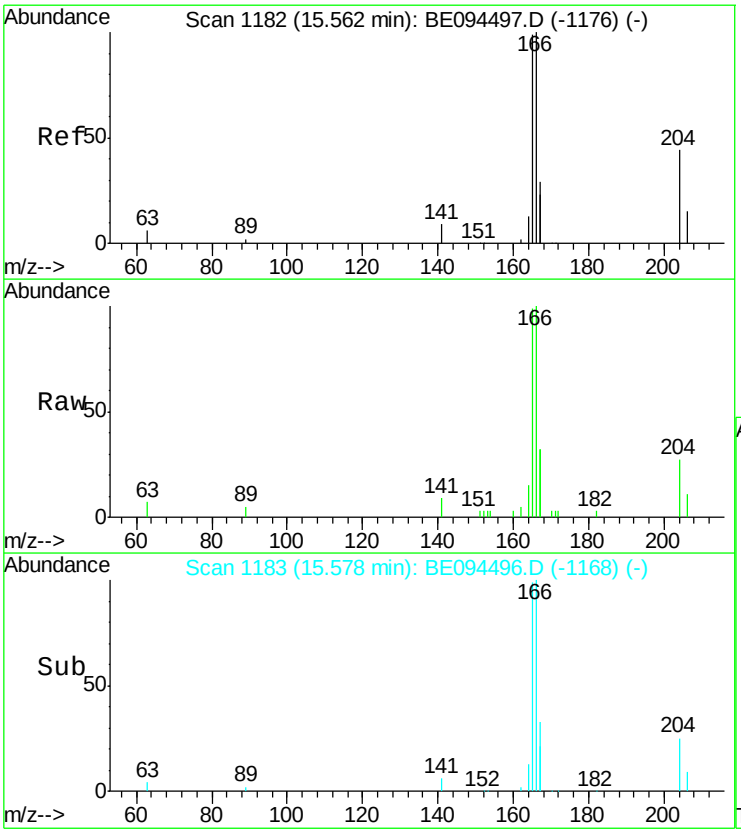
#17
Acenaphthene
Concen: 0.199 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 2675

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	54.9	42.0	63.0

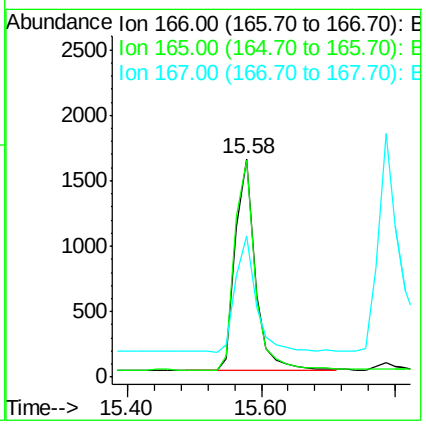


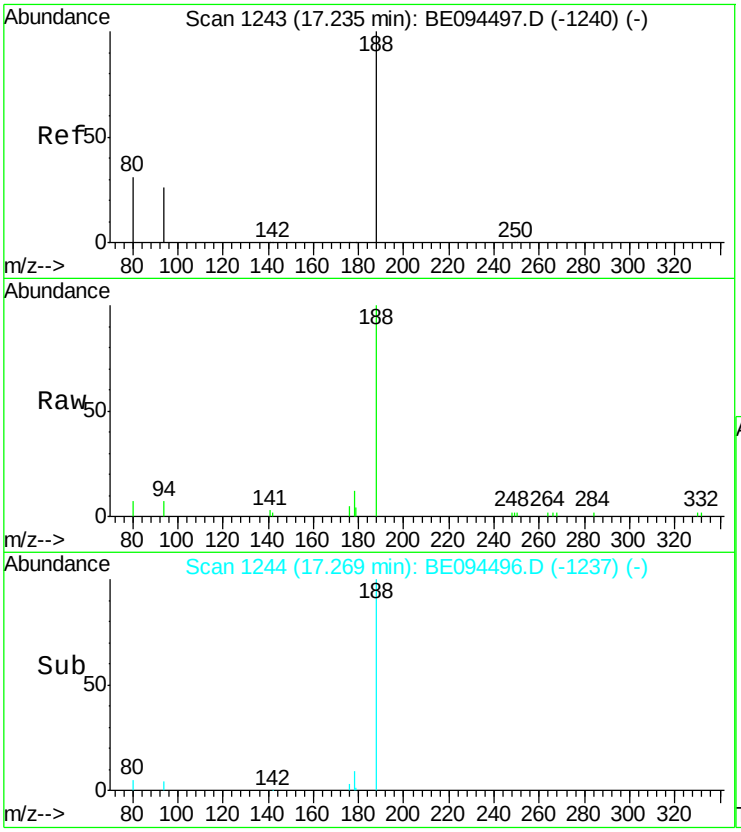


#18
Fluorene
Concen: 0.193 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:166 Resp: 3360

Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.8	116.6
167	55.5	42.4	63.6



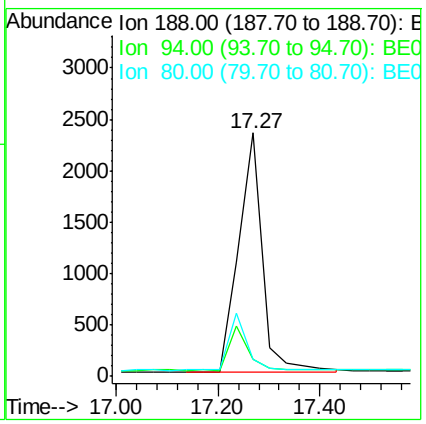


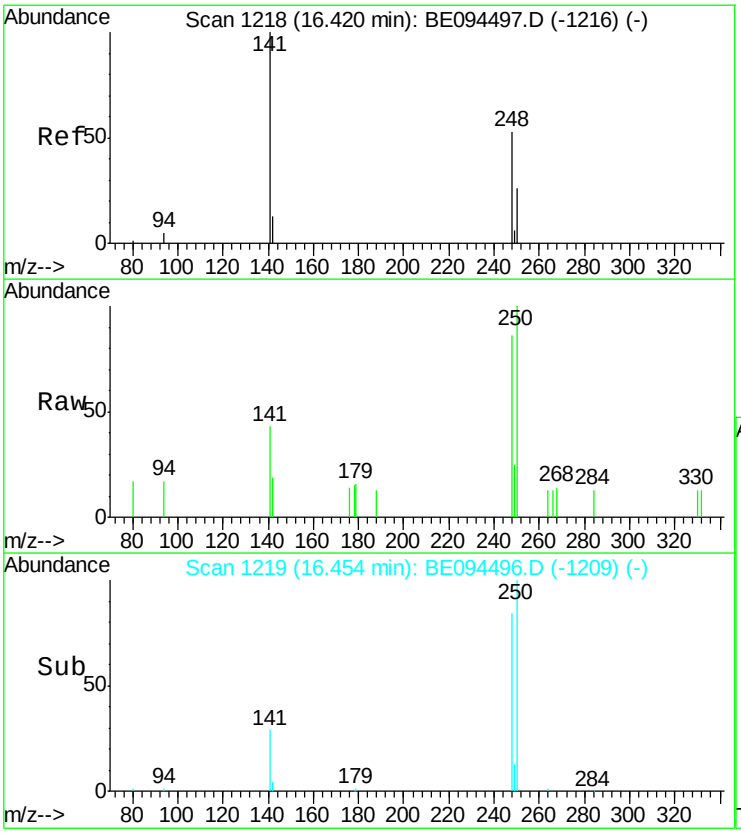
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 7448

Ion	Ratio	Lower	Upper
188	100		
94	6.8	3.9	5.9#
80	7.1	3.6	5.4#

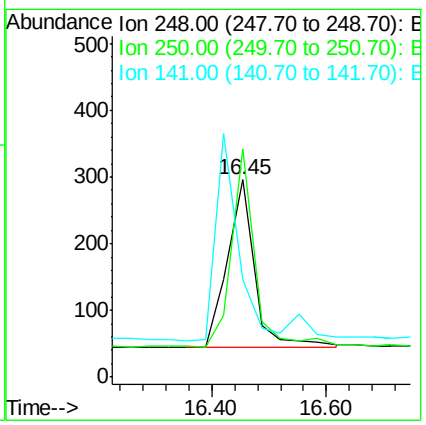


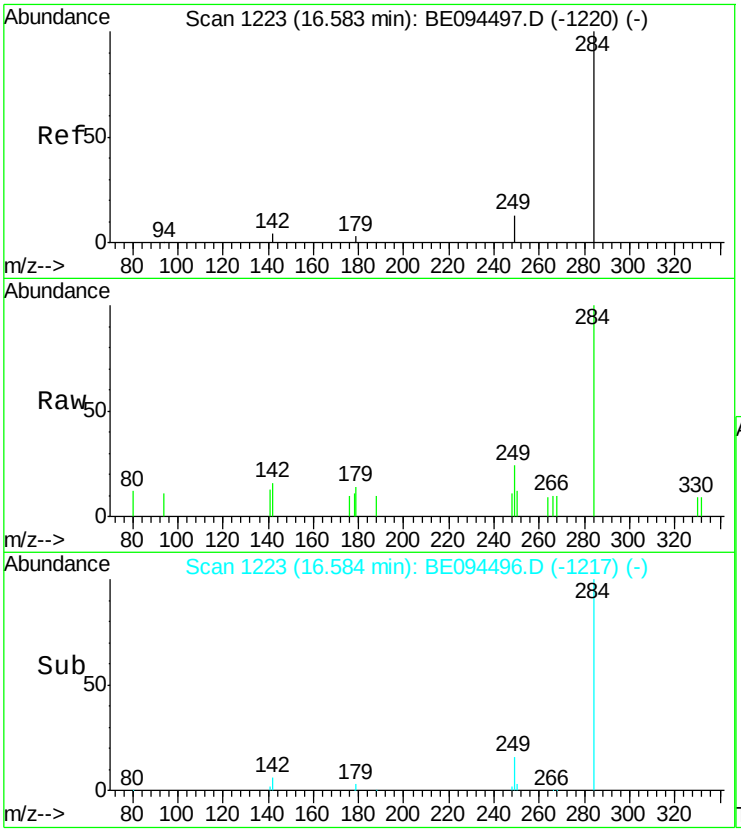


#20
4-Bromophenyl-phenylether
Concen: 0.220 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:248 Resp: 818

Ion	Ratio	Lower	Upper
248	100		
250	115.9	62.7	94.1#
141	49.3	48.2	72.2



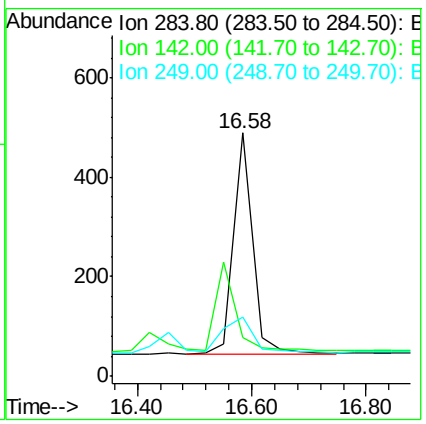


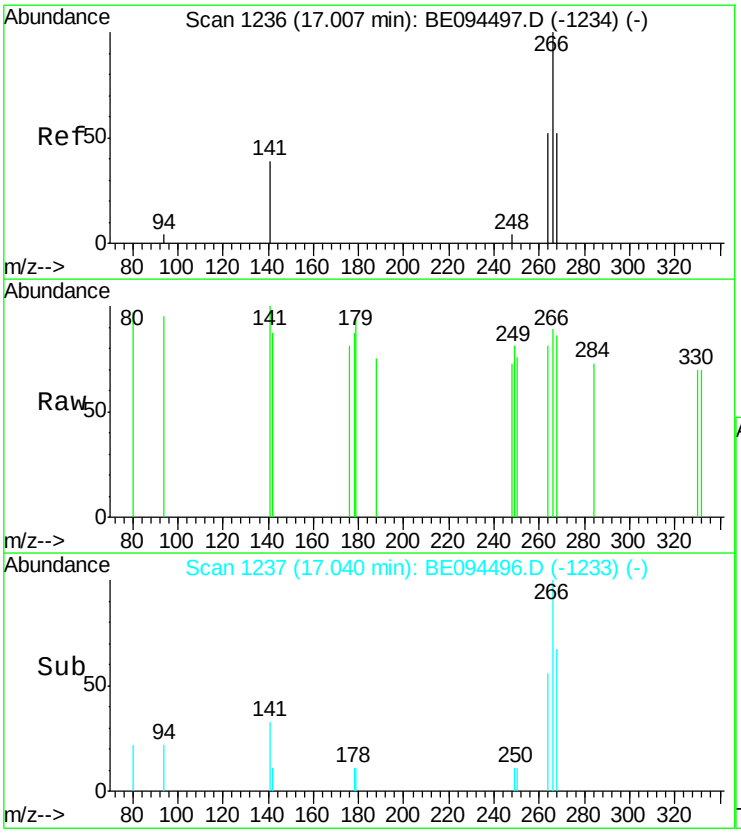
#21
Hexachlorobenzene
Concen: 0.148 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1007

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	25.6	34.8	52.2#

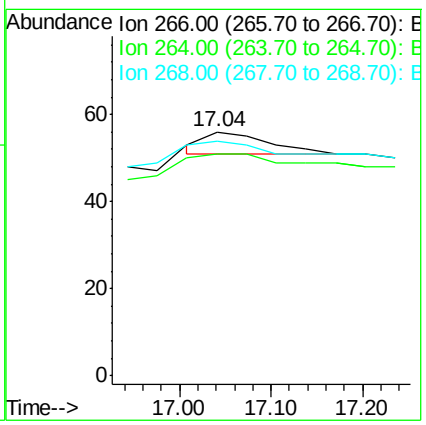


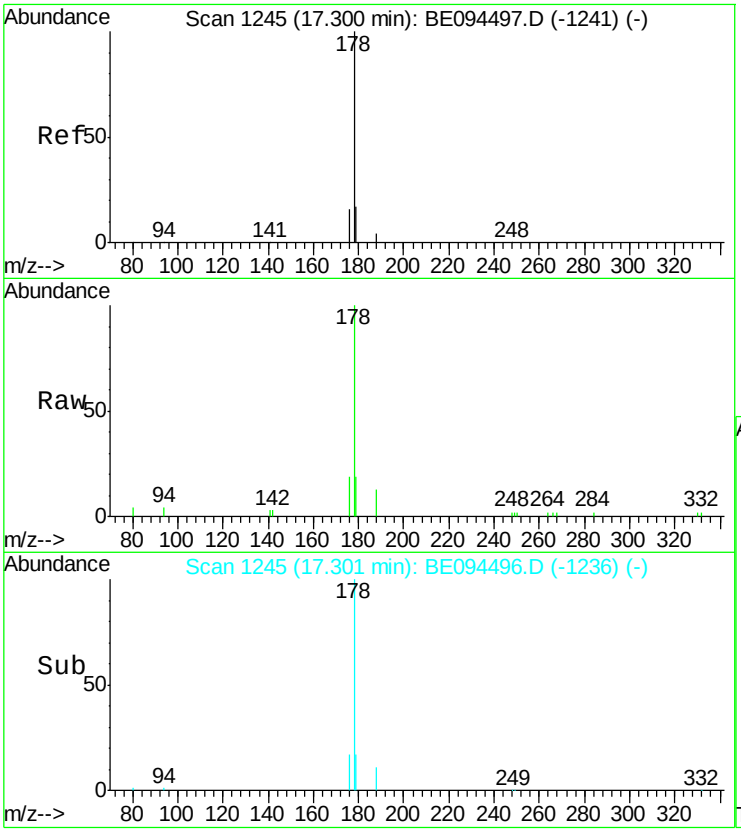


#22
Pentachlorophenol
Concen: 0.039 ng
RT: 17.04 min Scan# 1237
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	91.1	72.5	108.7
268	96.4	73.8	110.6



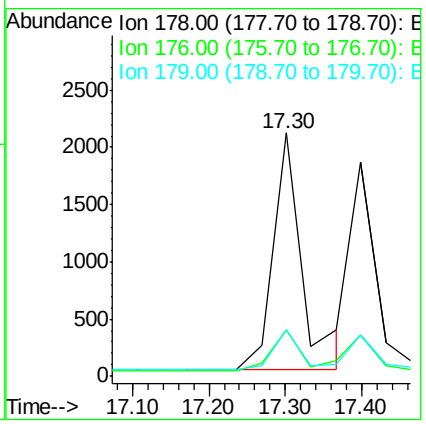


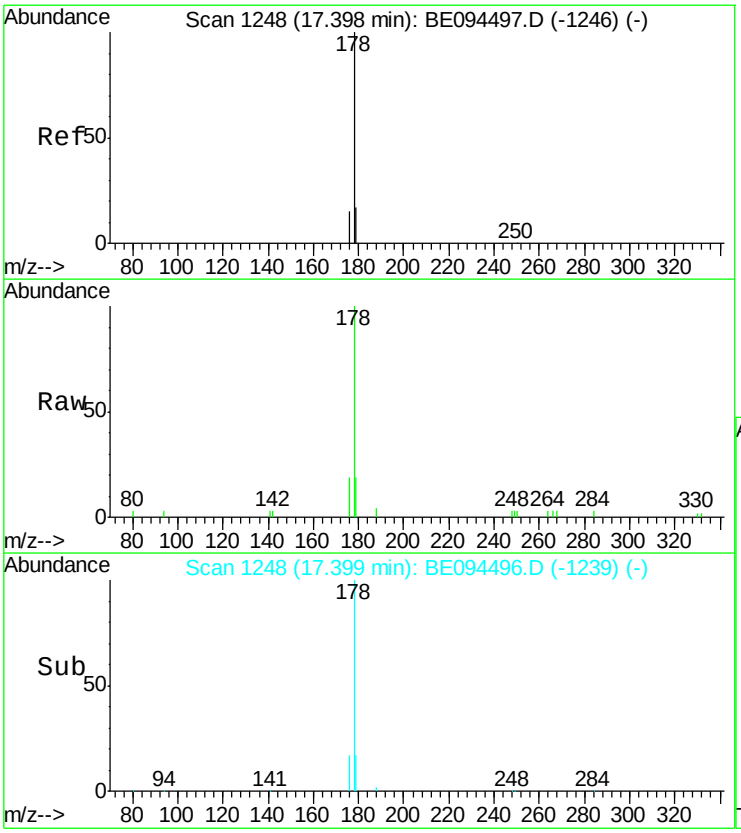
#23
Phenanthrene
Concen: 0.189 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 5554

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.2	11.8	17.6

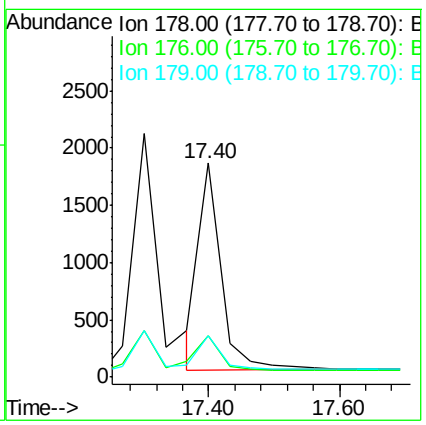


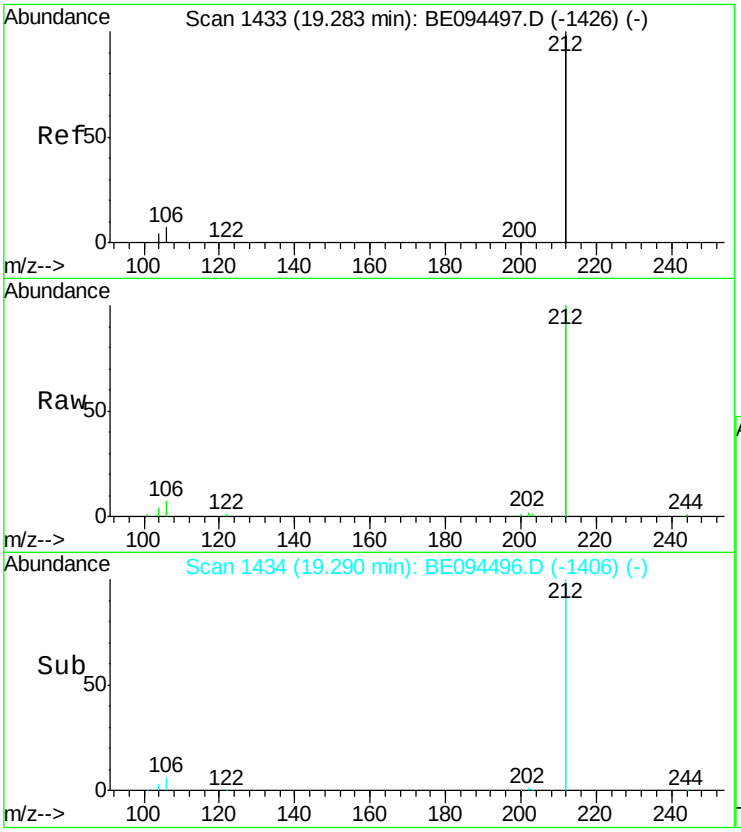


#24
Anthracene
Concen: 0.187 ng
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:178 Resp: 4244

Ion	Ratio	Lower	Upper
178	100		
176	16.8	12.8	19.2
179	17.2	13.0	19.6



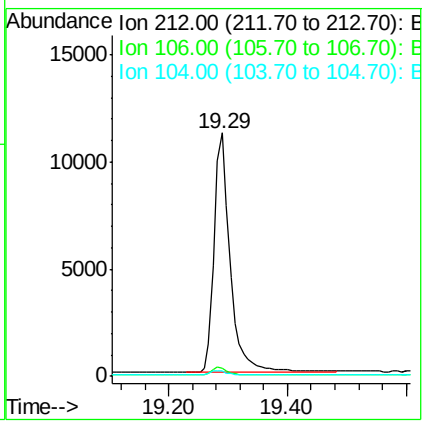


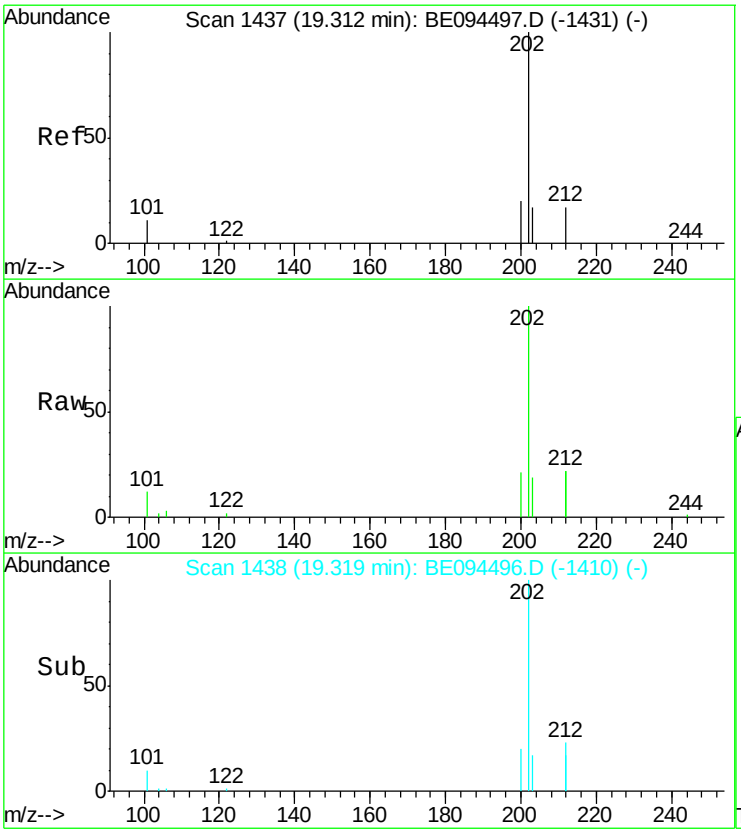
#25
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 20894

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

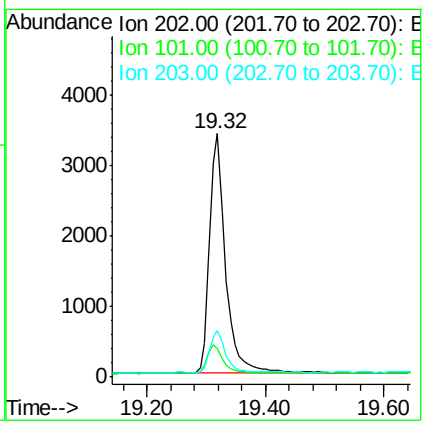


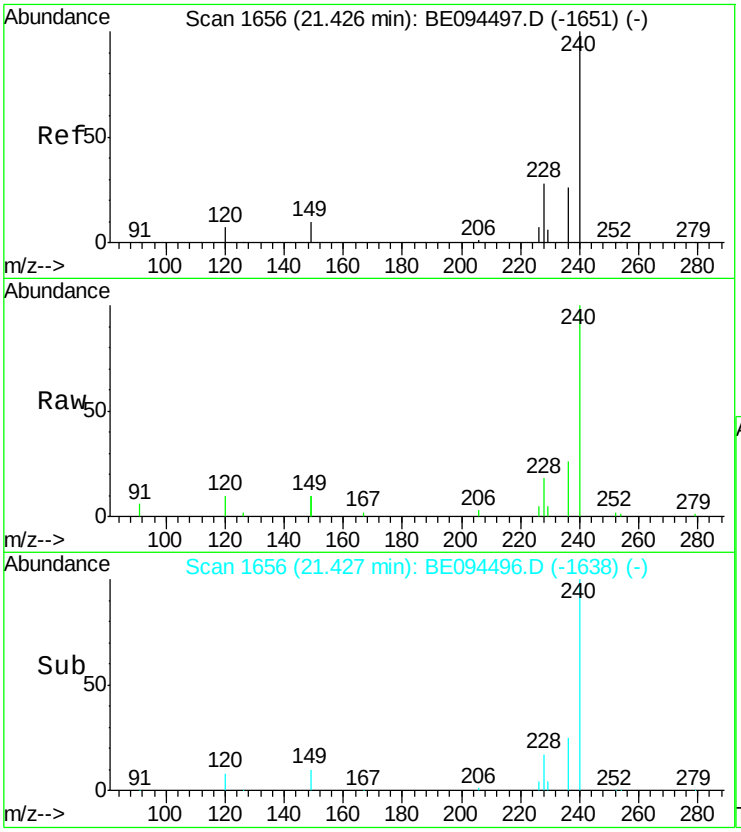


#26
Fluoranthene
Concen: 0.174 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:202 Resp: 6320

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	16.8	13.7	20.5



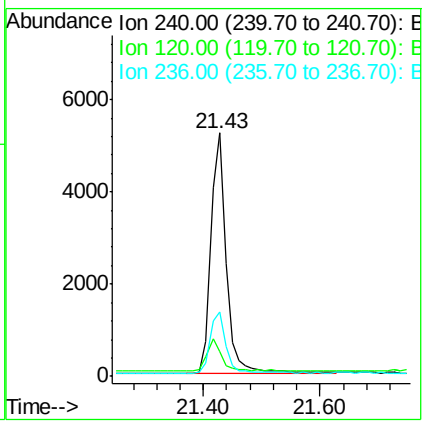


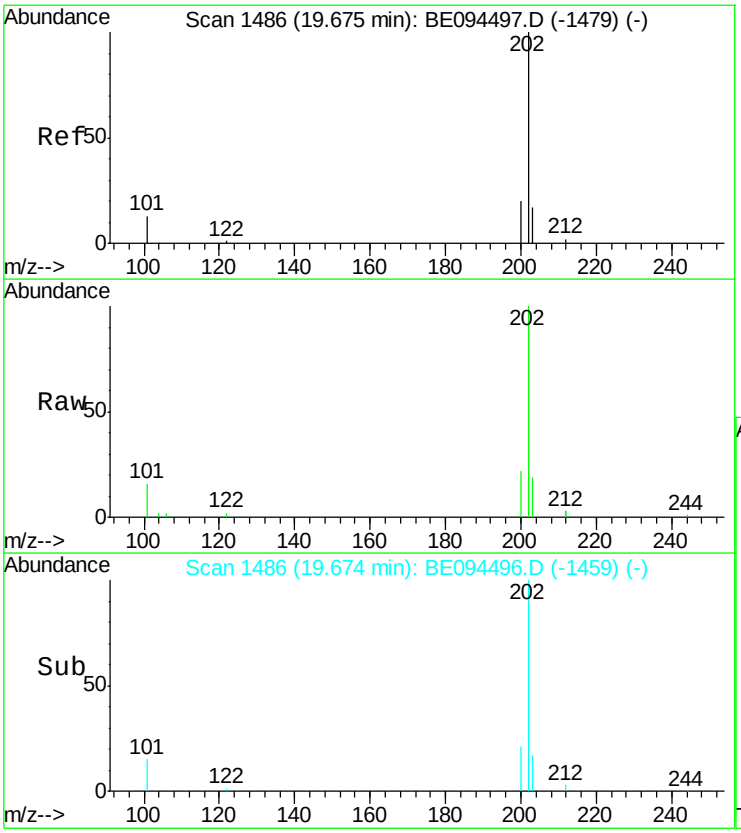
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 9273

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.5	8.3#
236	26.2	20.7	31.1

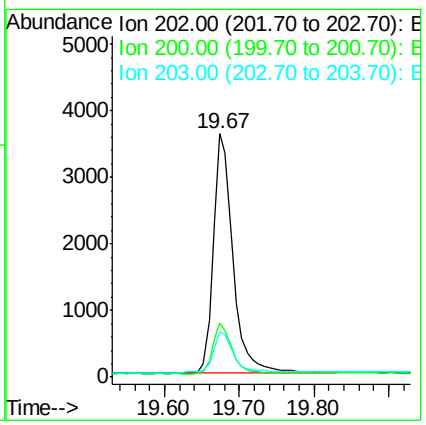


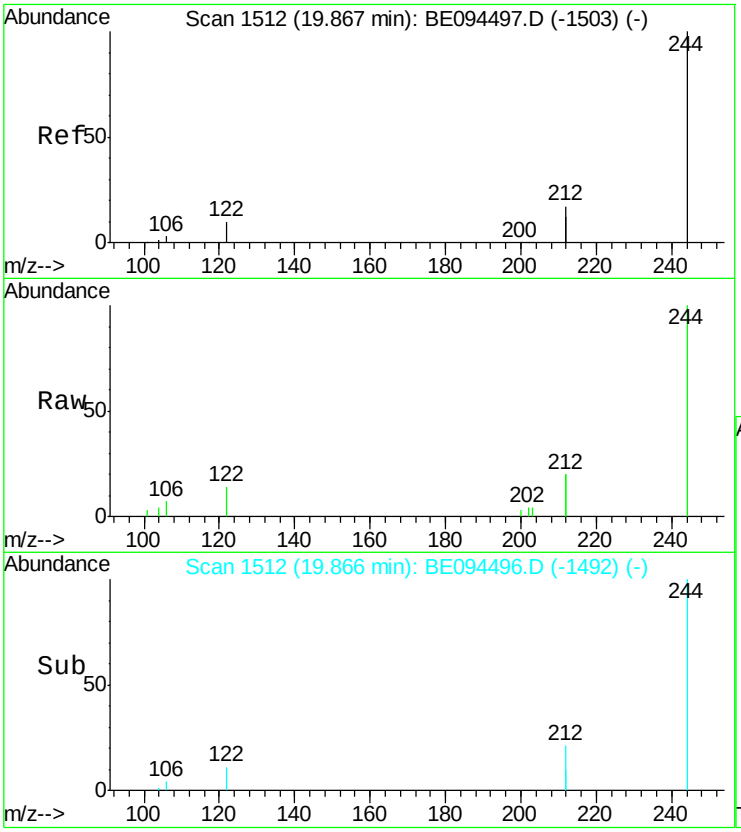


#28
Pyrene
Concen: 0.189 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:202 Resp: 6623

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.0	13.8	20.8



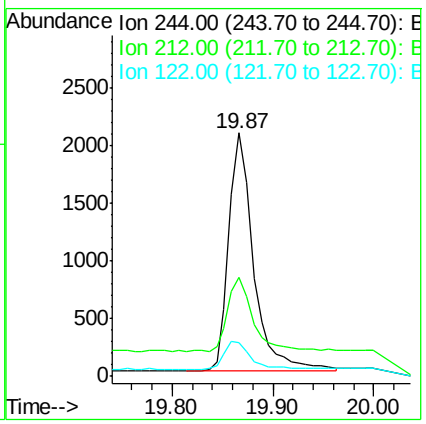


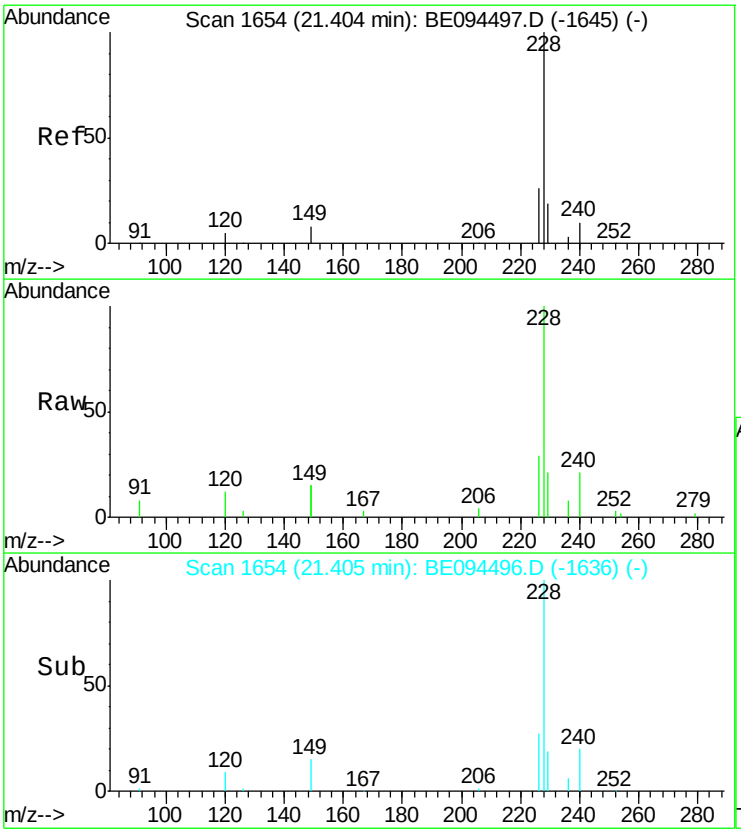
#29
Terphenyl-d14
Concen: 0.186 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3488

Ion	Ratio	Lower	Upper
244	100		
212	40.9	25.4	38.0#
122	13.7	8.1	12.1#

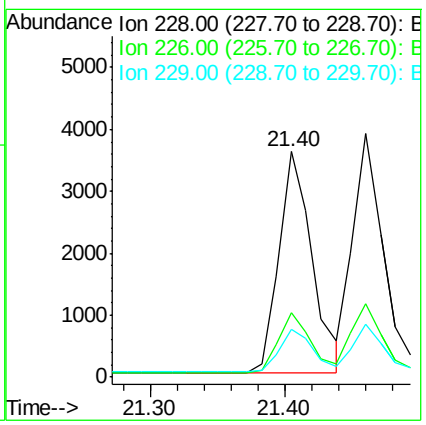


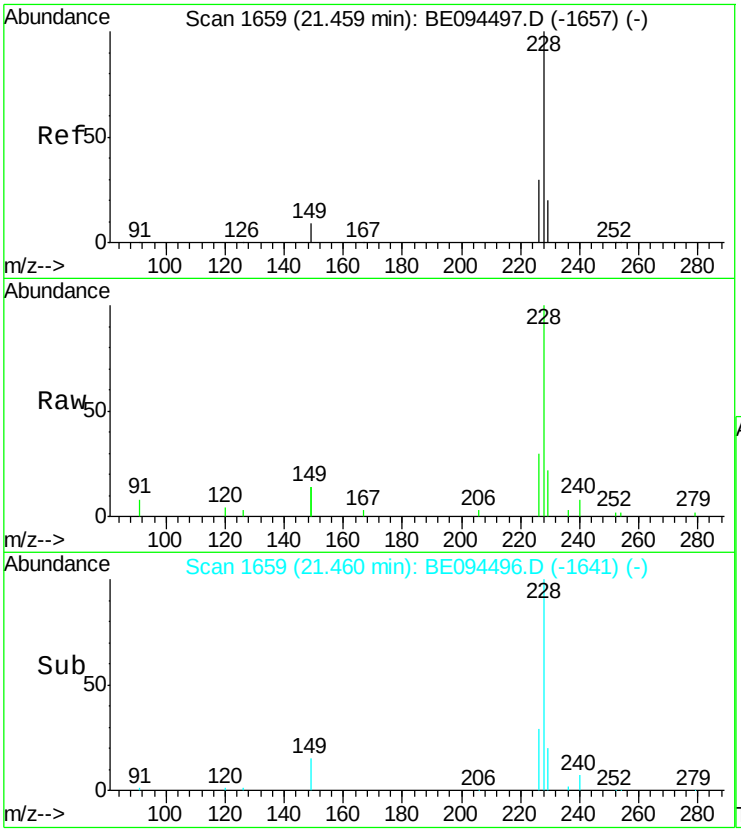


#30
Benzo(a)anthracene
Concen: 0.193 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:228 Resp: 6176

Ion	Ratio	Lower	Upper
228	100		
226	28.8	40.0	60.0#
229	21.3	40.0	60.0#



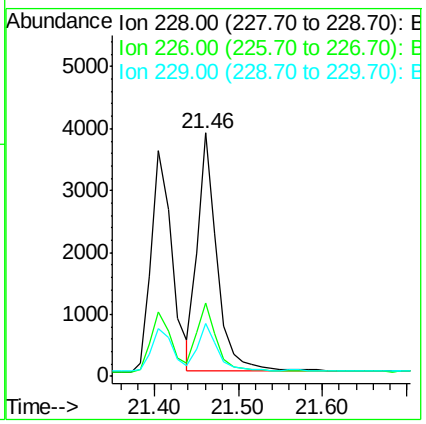


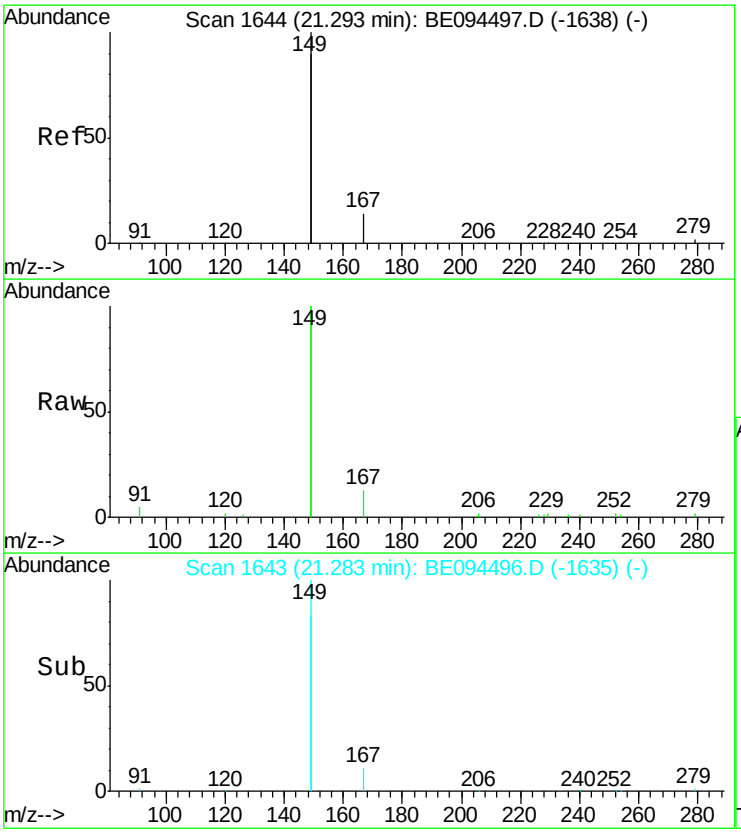
#31
Chrysene
Concen: 0.203 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 6271

Ion	Ratio	Lower	Upper
228	100		
226	30.0	40.0	60.0#
229	21.5	40.0	60.0#

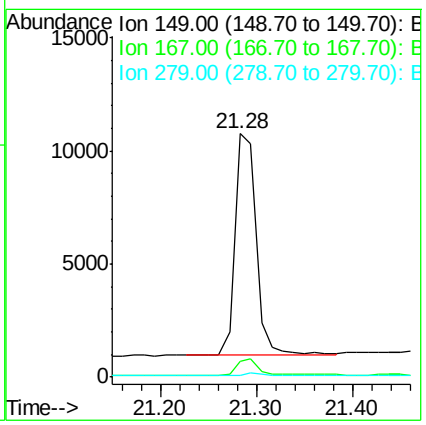


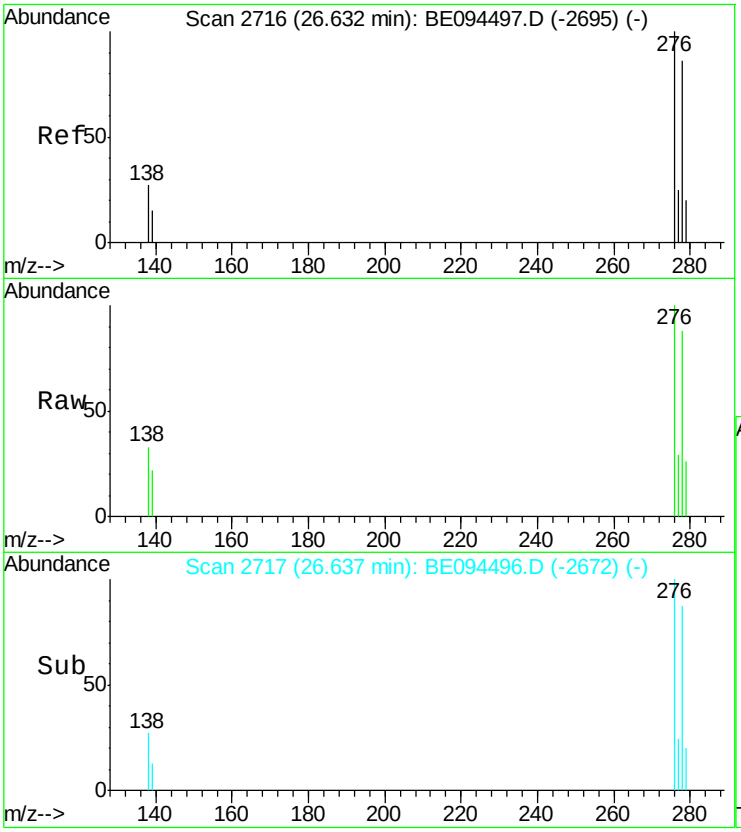


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:149 Resp: 15169

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.0	0.7	1.1



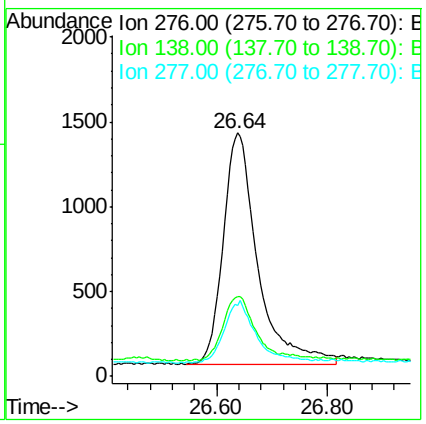


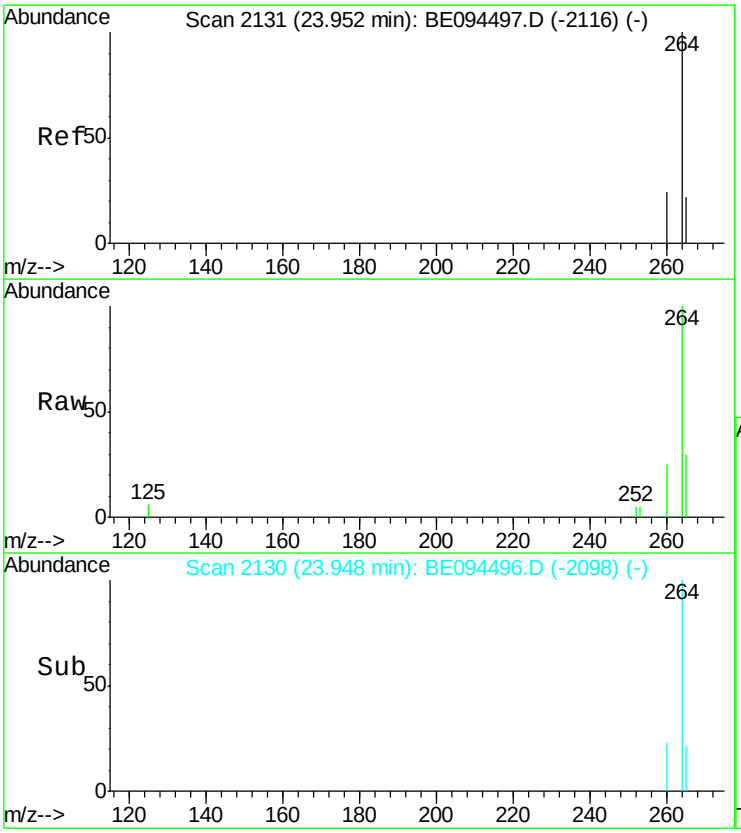
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5845

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.5	33.7
277	24.1	19.9	29.9

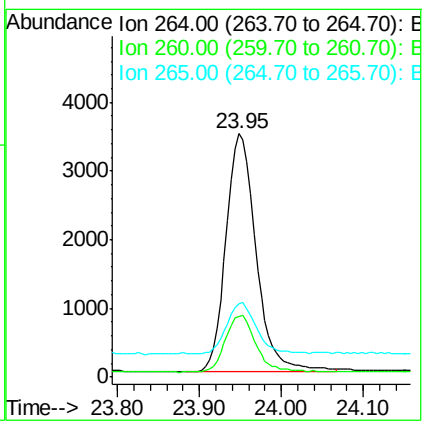


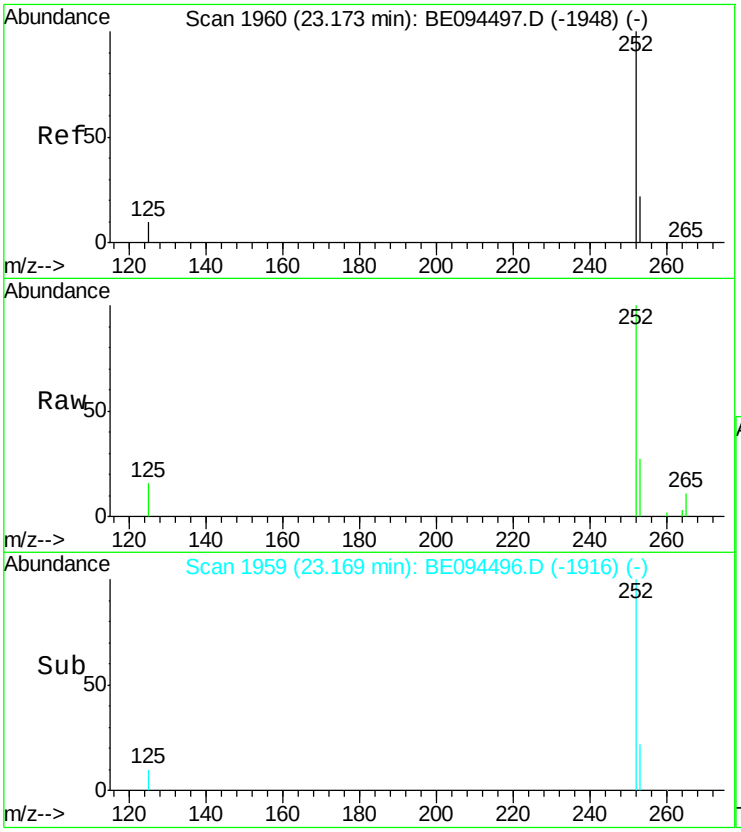


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:264 Resp: 8905

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	30.4	22.8	34.2



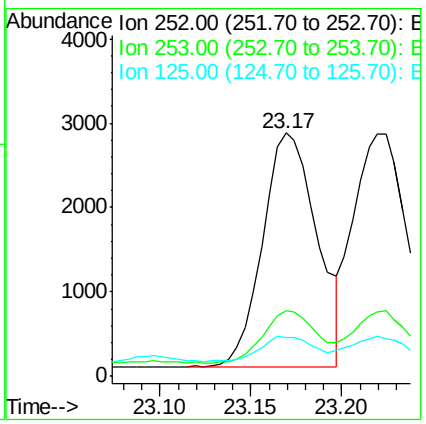


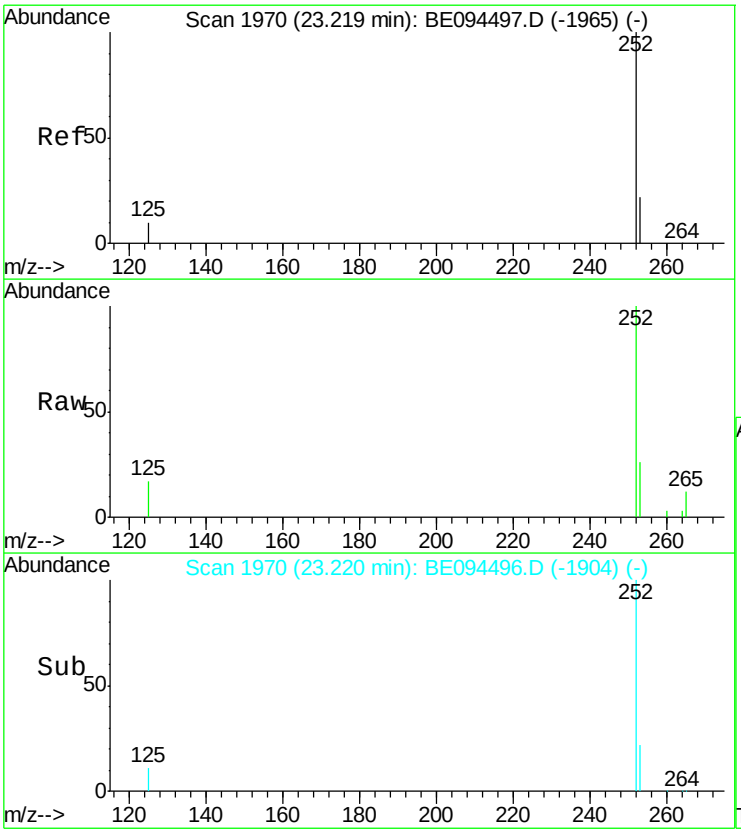
#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5774

Ion	Ratio	Lower	Upper
252	100		
253	27.1	48.0	72.0#
125	15.7	56.0	84.0#

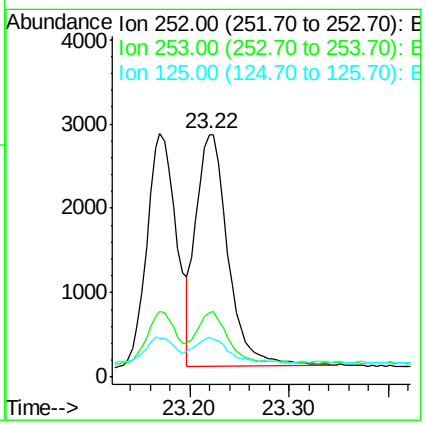


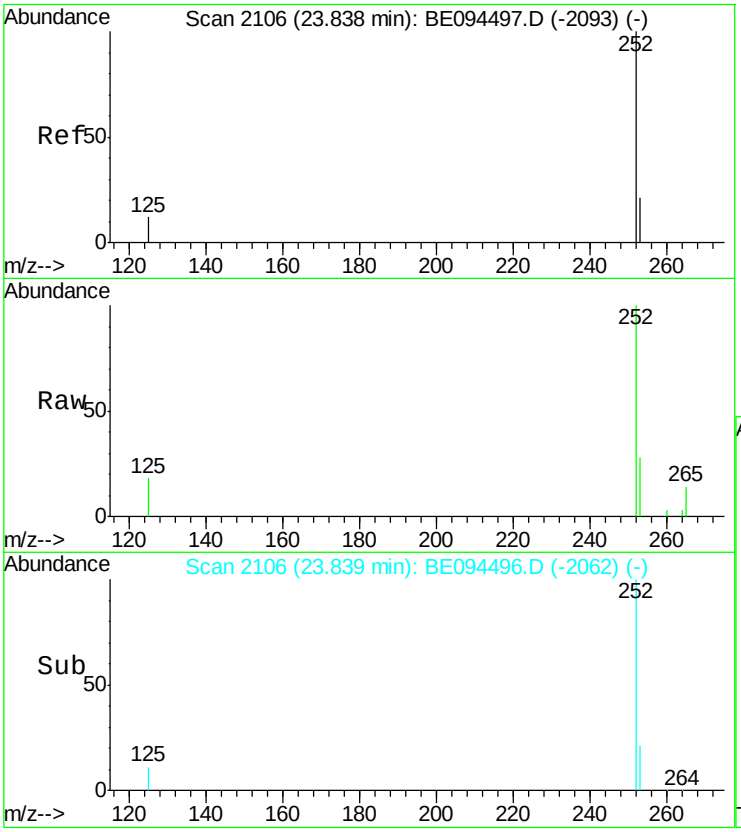


#36
Benzo(k)fluoranthene
Concen: 0.204 ng
RT: 23.22 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:252 Resp: 6085

Ion	Ratio	Lower	Upper
252	100		
253	26.3	48.0	72.0#
125	16.7	56.0	84.0#



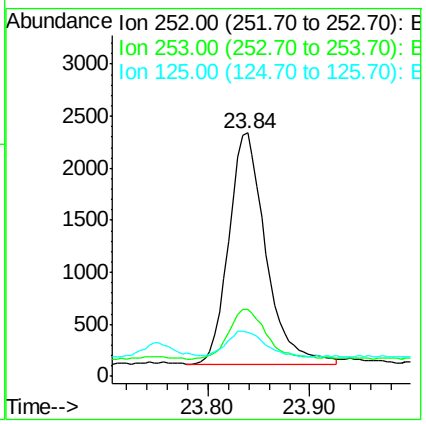


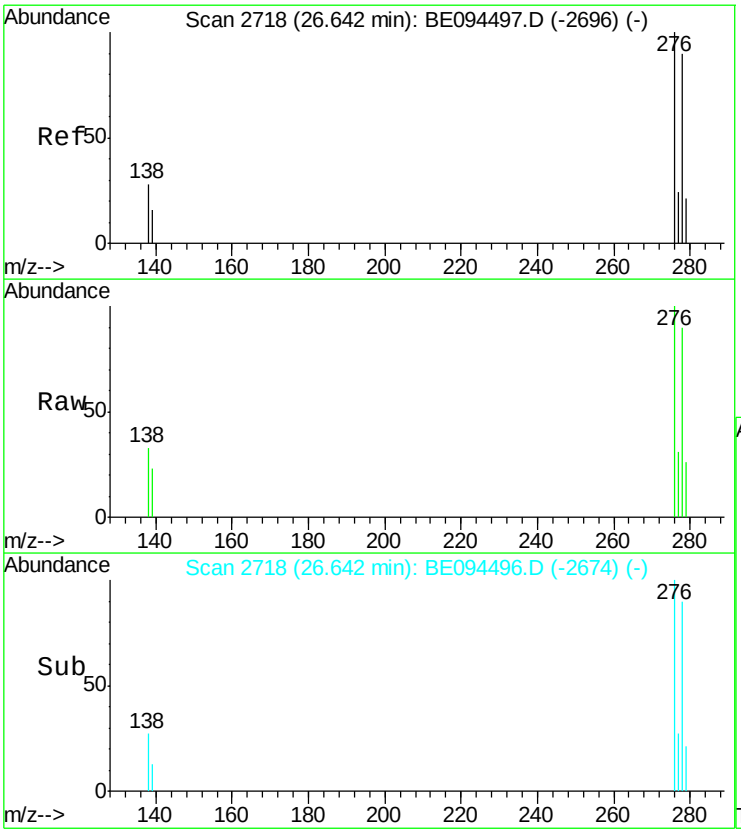
#37
Benzo(a)pyrene
Concen: 0.197 ng
RT: 23.84 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5590

Ion	Ratio	Lower	Upper
252	100		
253	27.6	52.0	78.0#
125	18.2	68.0	102.0#

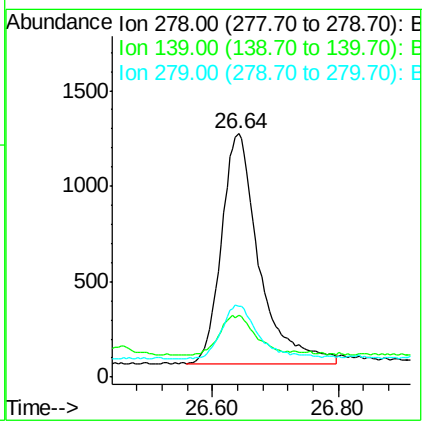


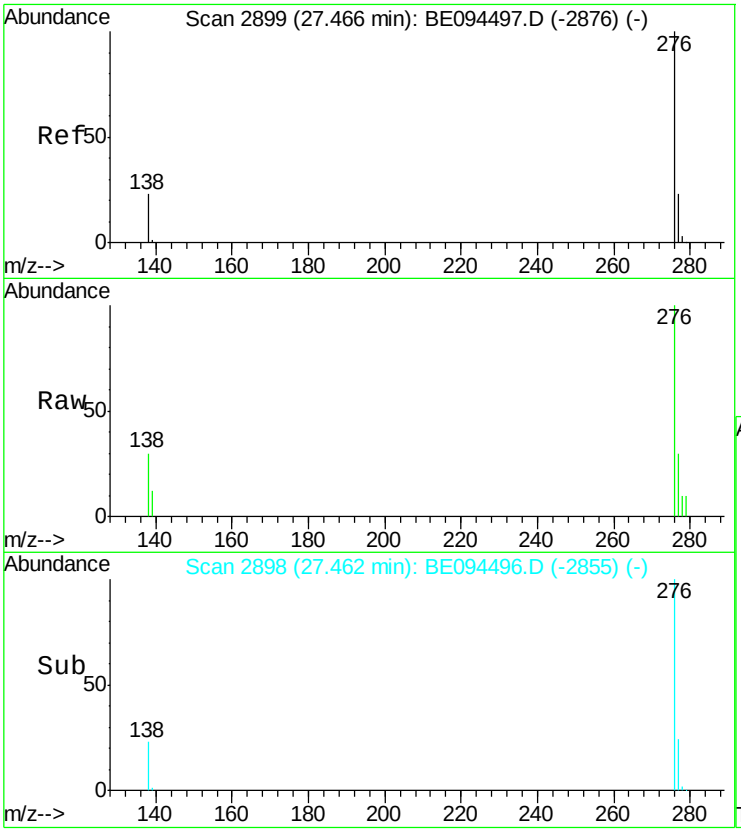


#38
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 26.64 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:278 Resp: 4968

Ion	Ratio	Lower	Upper
278	100		
139	25.6	56.0	84.0#
279	29.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.182 ng
RT: 27.46 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4693

Ion	Ratio	Lower	Upper
276	100		
277	30.0	52.0	78.0#
138	30.4	44.0	66.0#