Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094445.D
Acq On : 19 Oct 2017 13:30
Operator : SJ/JU
Sample : I5847-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-171011

Quant Time: Oct 20 12:39:11 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1450	0.40	ng		-0.02
7) Naphthalene-d8	10.71	136	7203	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4629	0.40	ng		-0.01
19) Phenanthrene-d10	17.23	188	11641	0.40	ng		-0.03
27) Chrysene-d12	21.42	240	10943	0.40	ng		-0.01
34) Perylene-d12	23.95	264	10544	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1037	0.21	ng		0.00
5) Phenol-d6	7.14	99	837	0.11	ng		0.00
8) Nitrobenzene-d5	9.08	82	2917	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	5210	0.47	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	657	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7568	0.46	ng		0.00
25) Fluoranthene-d10	19.28	212	61094	0.33	ng		0.00
29) Terphenyl-d14	19.86	244	10393	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	329	0.070	ng	#	12
3) n-Nitrosodimethylamine	3.81	42	138	0.055	ng	#	12
6) bis(2-Chloroethyl)ether	7.26	93	138	0.024	ng	#	1
9) Naphthalene	10.74	128	177	0.002	ng	#	56
10) Hexachlorobutadiene	11.13	225	1	0.000	ng	#	17
12) 2-Methylnaphthalene	12.36	142	11	0.001	ng	#	37
16) Acenaphthylene	14.23	152	50	0.002	ng	#	25
17) Acenaphthene	14.57	154	10	0.001	ng	#	1
18) Fluorene	15.56	166	42	0.002	ng	#	74
20) 4-Bromophenyl-phenylether	16.42	248	10	0.002	ng	#	1
21) Hexachlorobenzene	16.58	284	10	0.028	ng	#	38
22) Pentachlorophenol	16.97	266	6	0.161	ng		95
23) Phenanthrene	17.37	178	618	0.013	ng	#	74
24) Anthracene	17.37	178	618	0.017	ng	#	75
26) Fluoranthene	19.30	202	379	0.007	ng	#	43
28) Pyrene	19.67	202	363	0.009	ng	#	86
30) Benzo(a)anthracene	21.41	228	273	0.007	ng	#	67
31) Chrysene	21.46	228	246	0.007	ng	#	68
32) Bis(2-ethylhexyl)phthalate	21.29	149	9374	0.086	ng		99
33) Indeno(1,2,3-cd)pyrene	26.64	276	697	0.019	ng		93
35) Benzo(b)fluoranthene	23.18	252	438	0.012	ng	#	77
36) Benzo(k)fluoranthene	23.18	252	438	0.012	ng	#	77
37) Benzo(a)pyrene	23.83	252	356	0.011	ng	#	73
38) Dibenzo(a,h)anthracene	26.61	278	54	0.002	ng	#	41
39) Benzo(g,h,i)perylene	27.48	276	628	0.021	ng		95

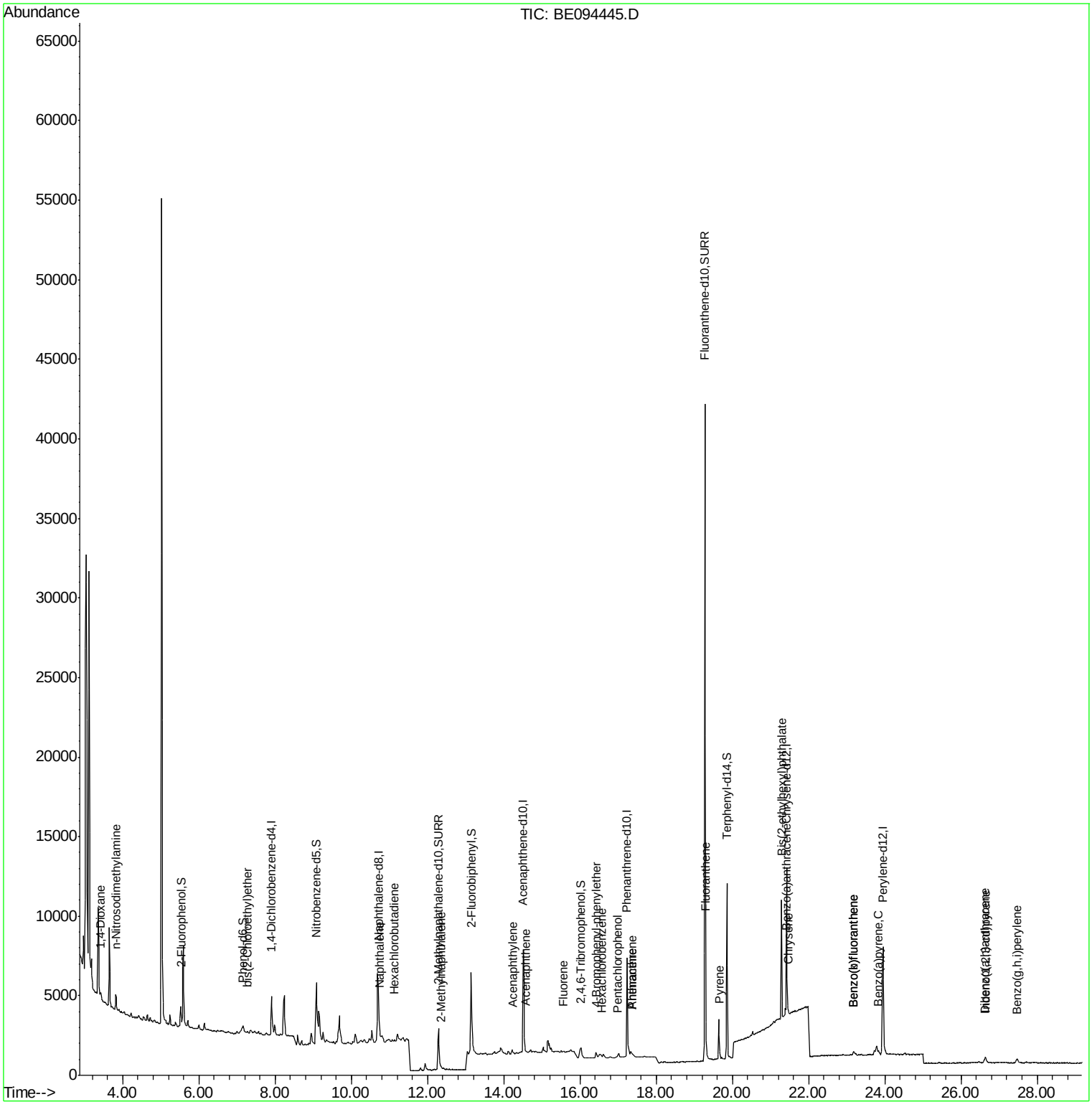
(#) = qualifier out of range (m) = manual integration (+) = signals summed

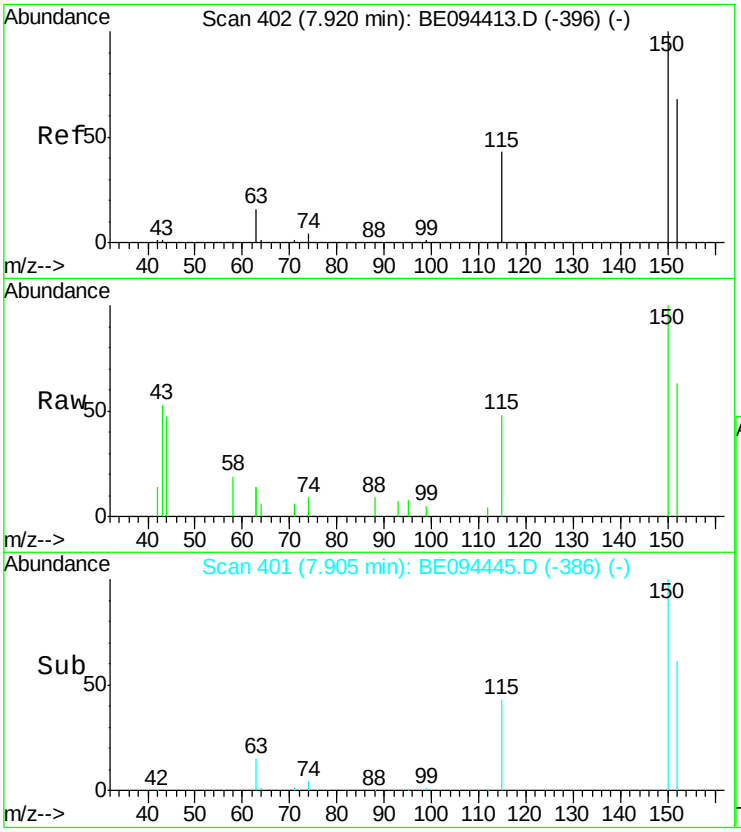
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094445.D
Acq On : 19 Oct 2017 13:30
Operator : SJ/JU
Sample : I5847-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Quant Time: Oct 20 12:39:11 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration



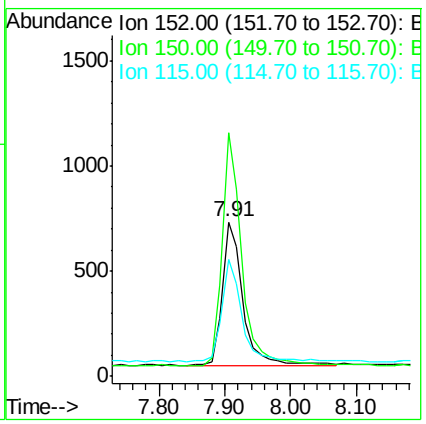


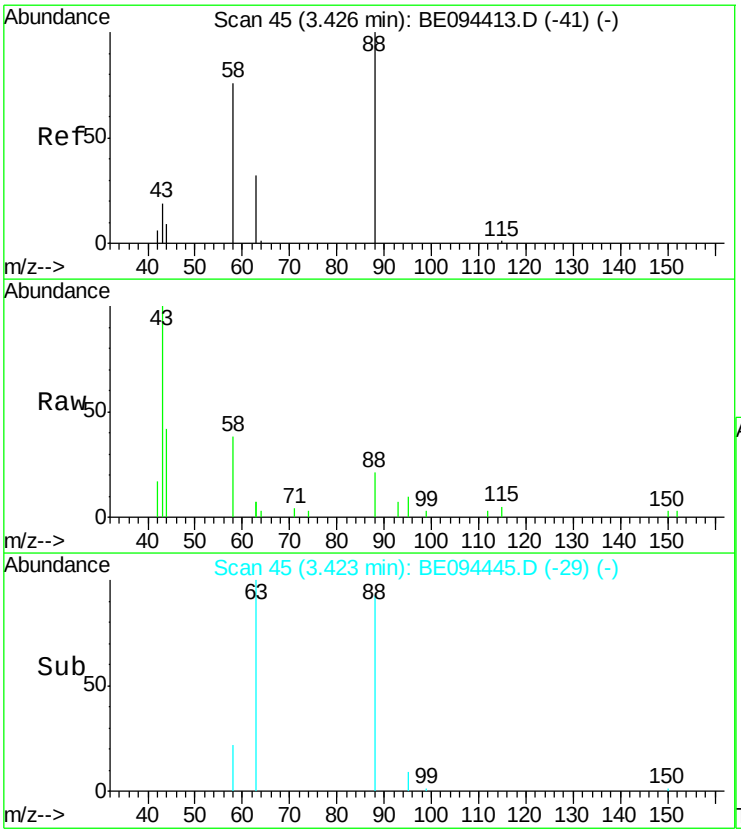
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:152 Resp: 1450

Ion	Ratio	Lower	Upper
152	100		
150	158.0	117.2	175.8
115	75.6	57.0	85.6

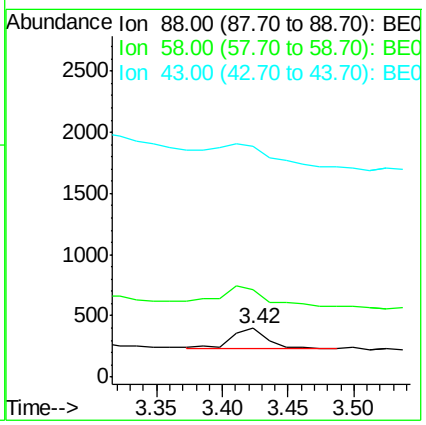


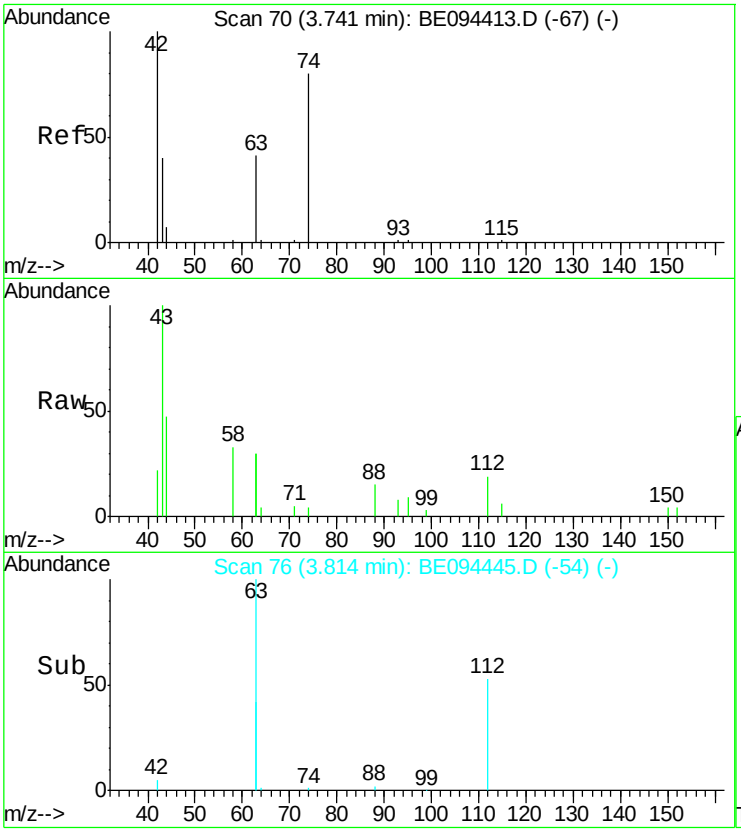


#2
1,4-Dioxane
Concen: 0.070 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion: 88 Resp: 329

Ion	Ratio	Lower	Upper
88	100		
58	164.7	63.2	94.8#
43	0.0	41.2	61.8#



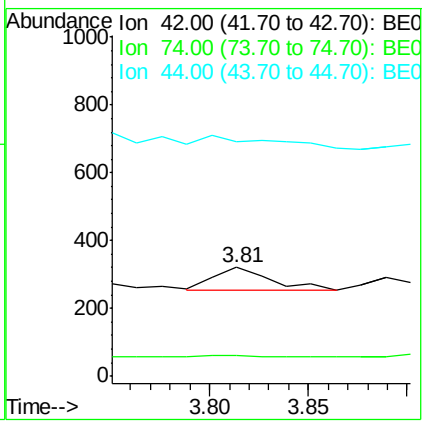


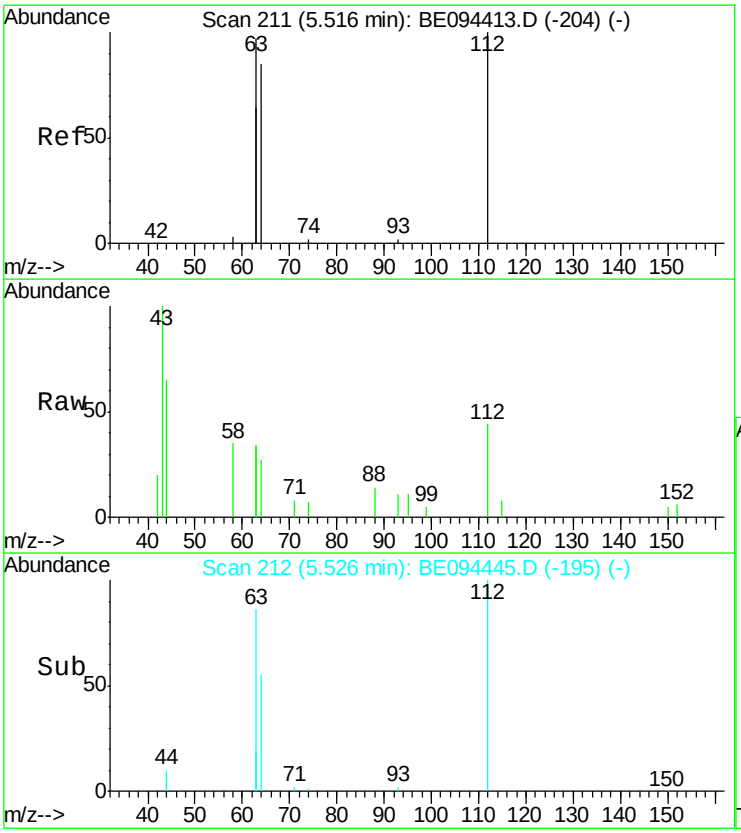
#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.81 min Scan# 76
Delta R.T. 0.07 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	16.7	100.3	150.5#
44	0.0	17.0	25.4#

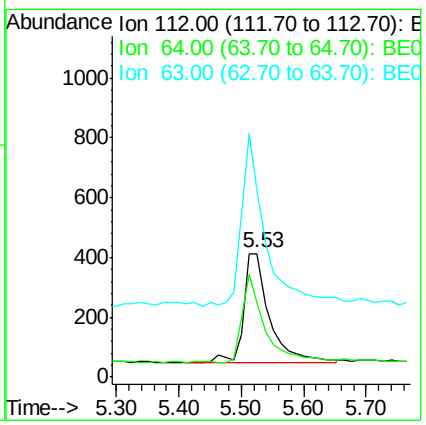


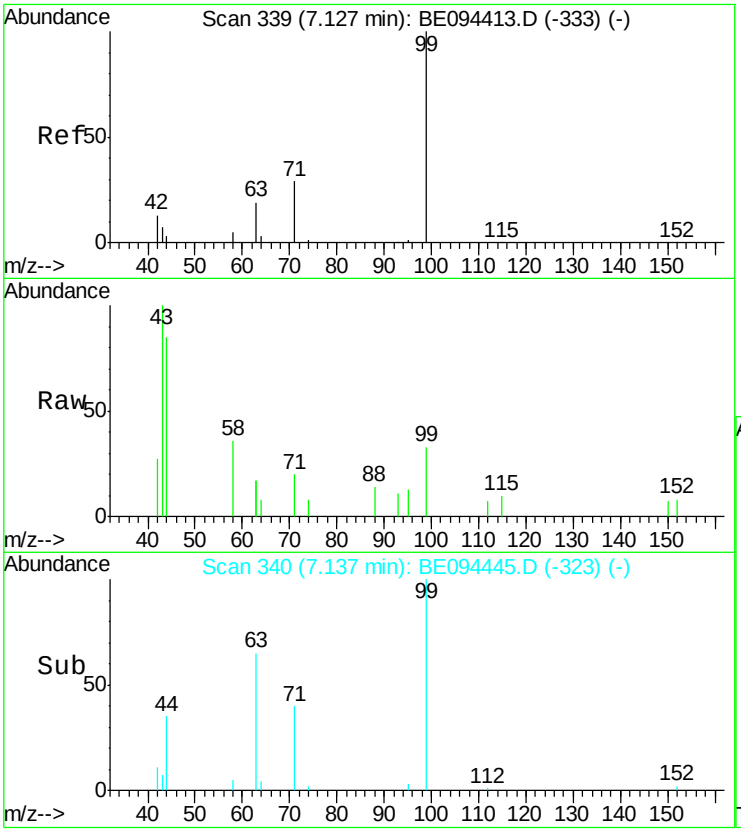


#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:112 Resp: 1037

Ion	Ratio	Lower	Upper
112	100		
64	70.1	60.1	90.1
63	148.0	116.8	175.2



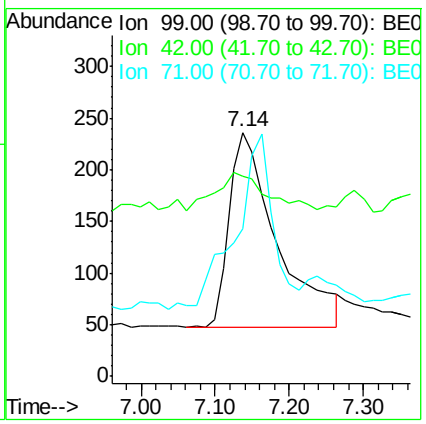


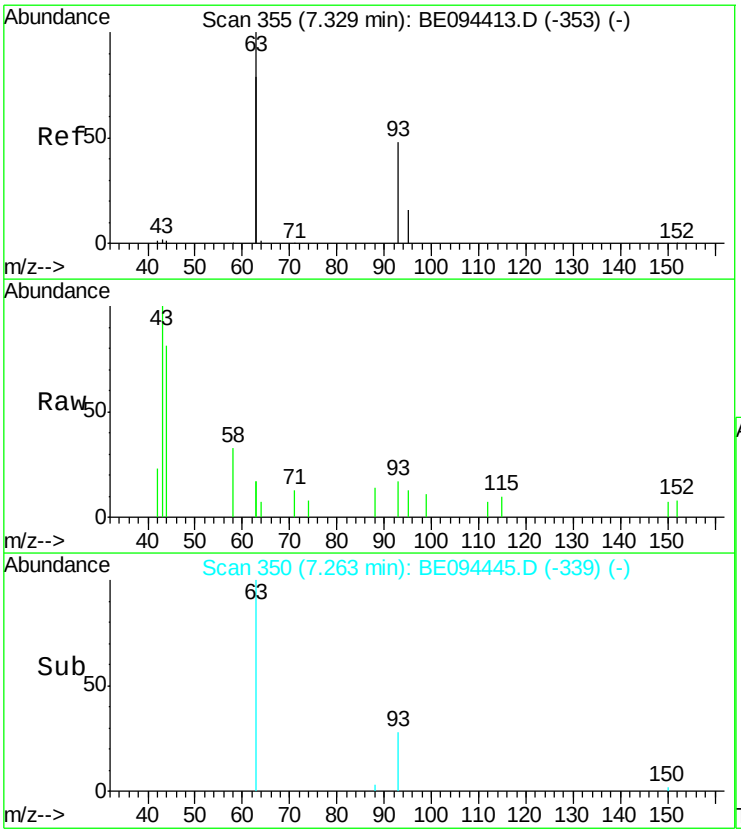
#5
Phenol-d6
Concen: 0.110 ng
RT: 7.14 min Scan# 340
Delta R.T. 0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion: 99 Resp: 837

Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.2	30.2
71	0.0	28.4	42.6#

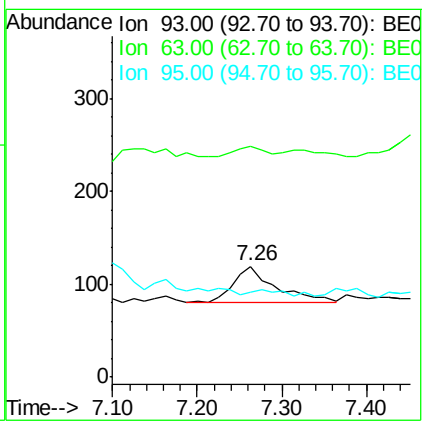


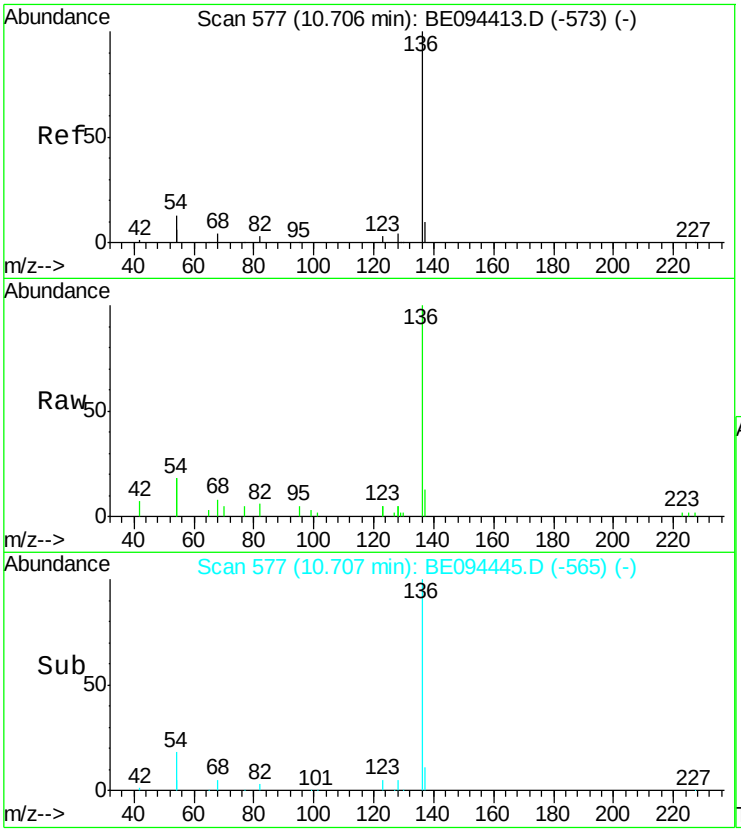


#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.26 min Scan# 350
Delta R.T. -0.07 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion: 93 Resp: 138

Ion	Ratio	Lower	Upper
93	100		
63	16.7	275.3	412.9#
95	13.0	25.2	37.8#



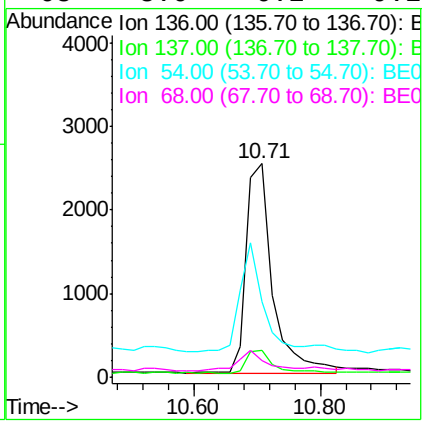


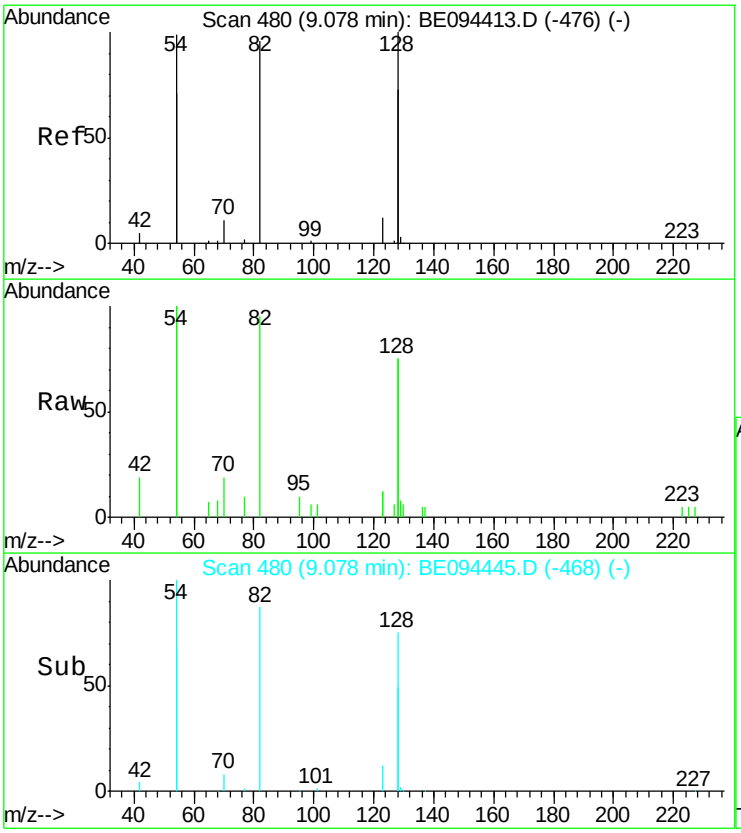
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:136 Resp: 7203

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	35.4	29.1	43.7
68	8.0	6.2	9.2

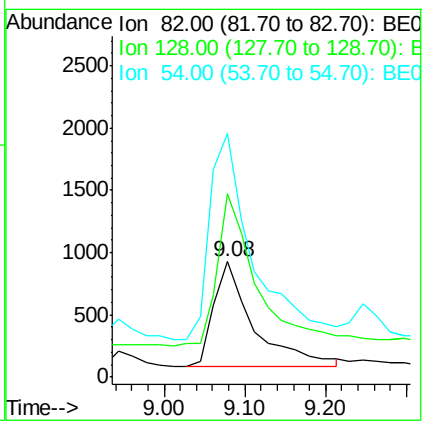


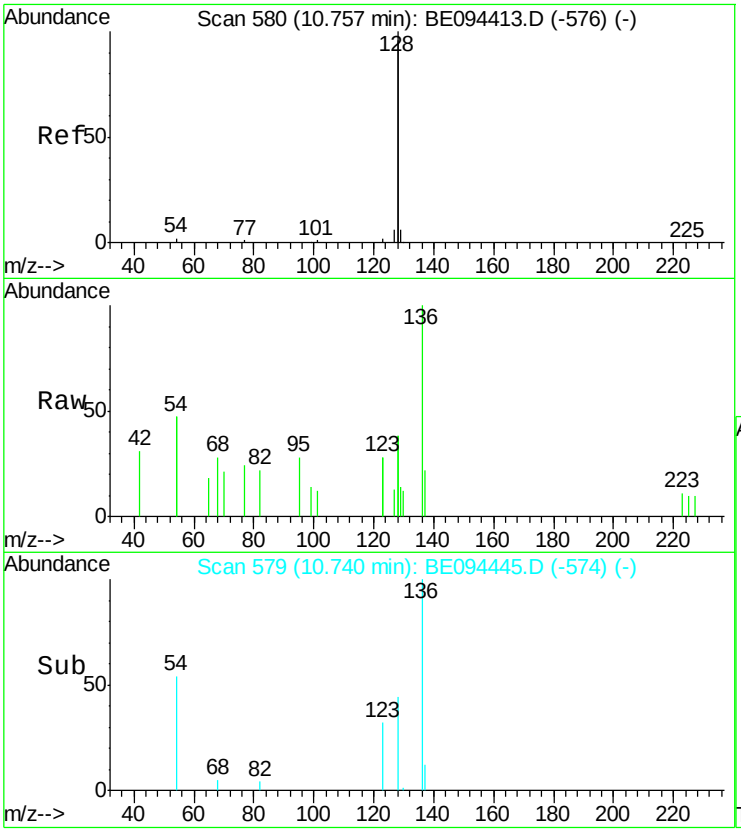


#8
Nitrobenzene-d5
Concen: 0.466 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion: 82 Resp: 2917

Ion	Ratio	Lower	Upper
82	100		
128	159.1	150.0	225.0
54	210.8	154.2	231.4



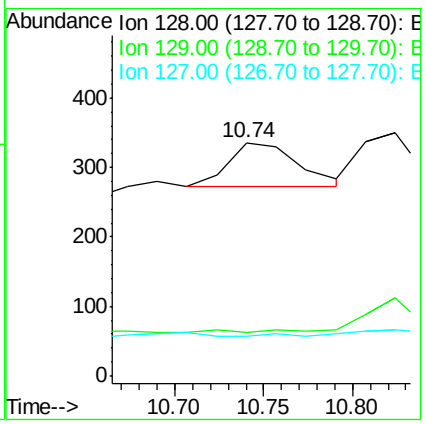


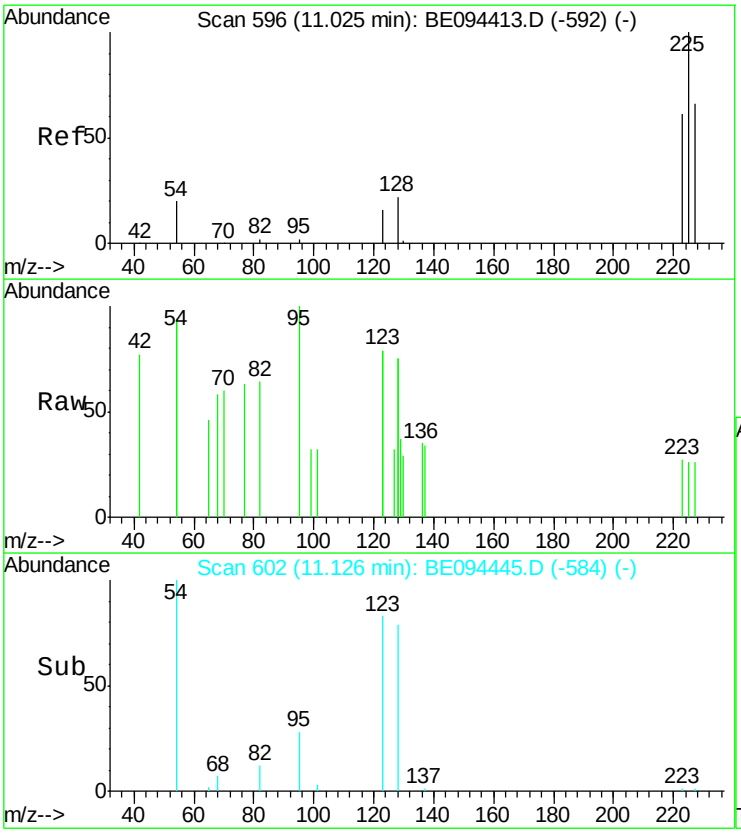
#9
Naphthalene
Concen: 0.002 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:128 Resp: 177

Ion	Ratio	Lower	Upper
128	100		
129	18.8	2.6	3.8#
127	17.3	2.8	4.2#

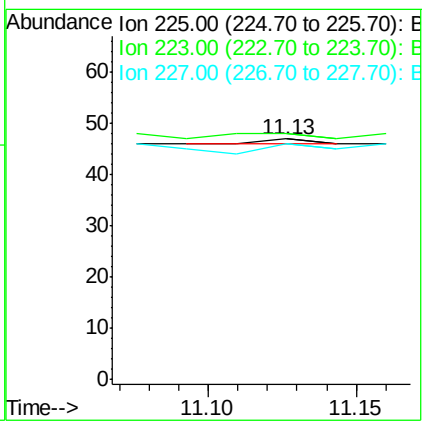


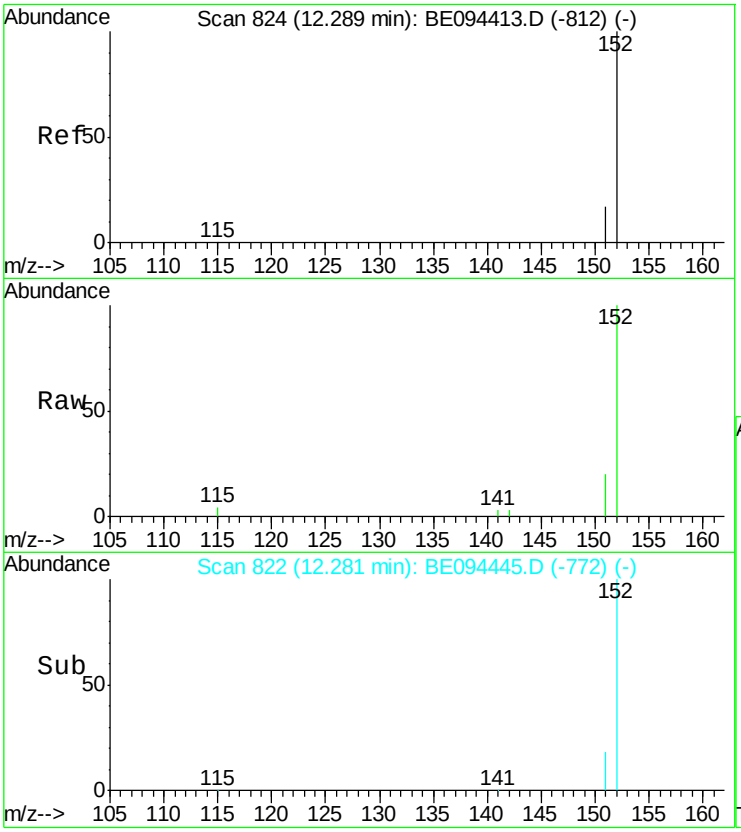


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.13 min Scan# 602
Delta R.T. 0.10 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	0.0	51.4	77.2#



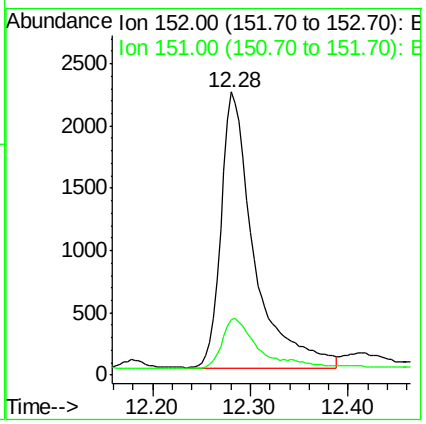


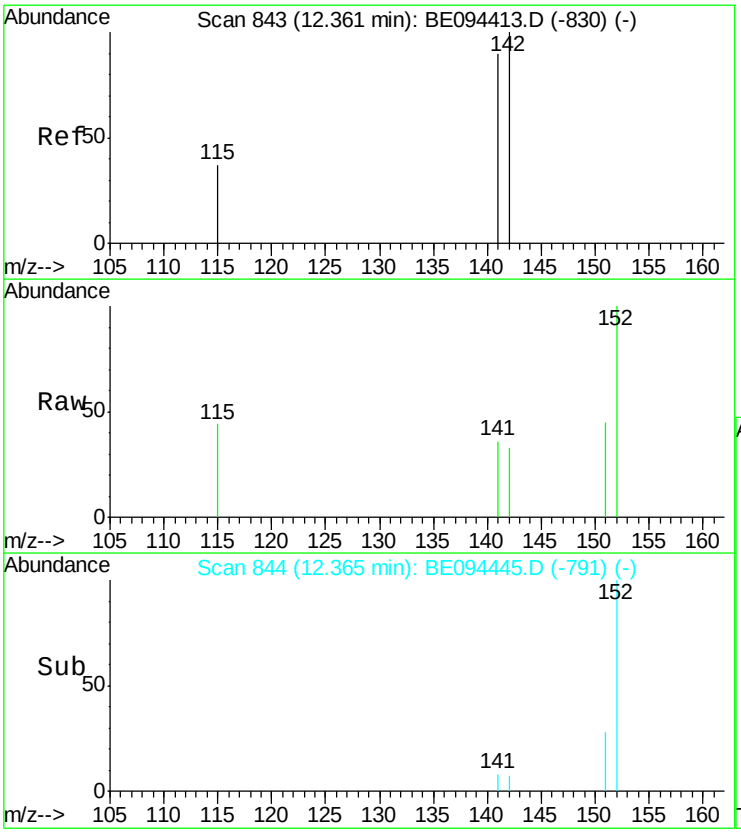
#11
2-Methylnaphthalene-d10
Concen: 0.469 ng
RT: 12.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:152 Resp: 5210

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.4	23.0

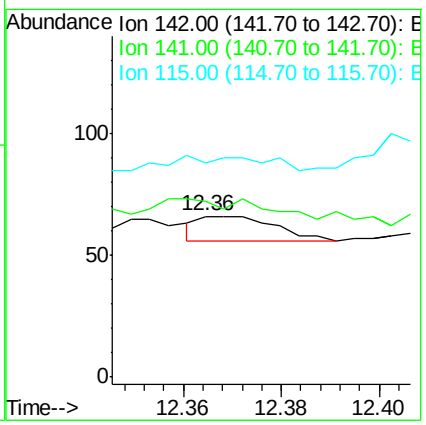


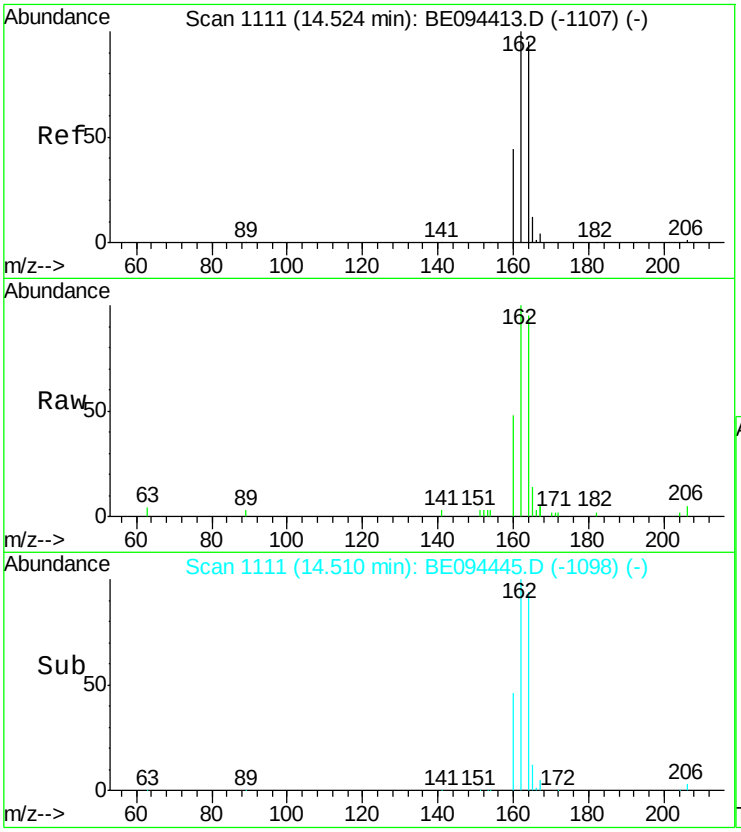


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:142 Resp: 11

Ion	Ratio	Lower	Upper
142	100		
141	109.1	70.4	105.6#
115	133.3	31.7	47.5#



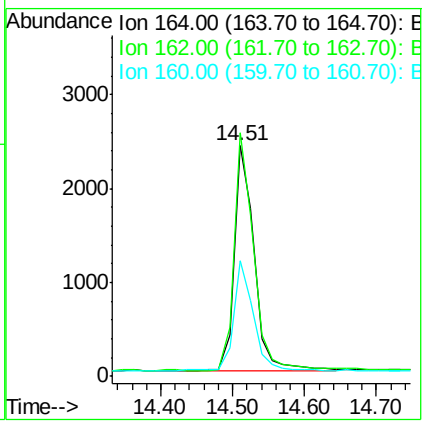


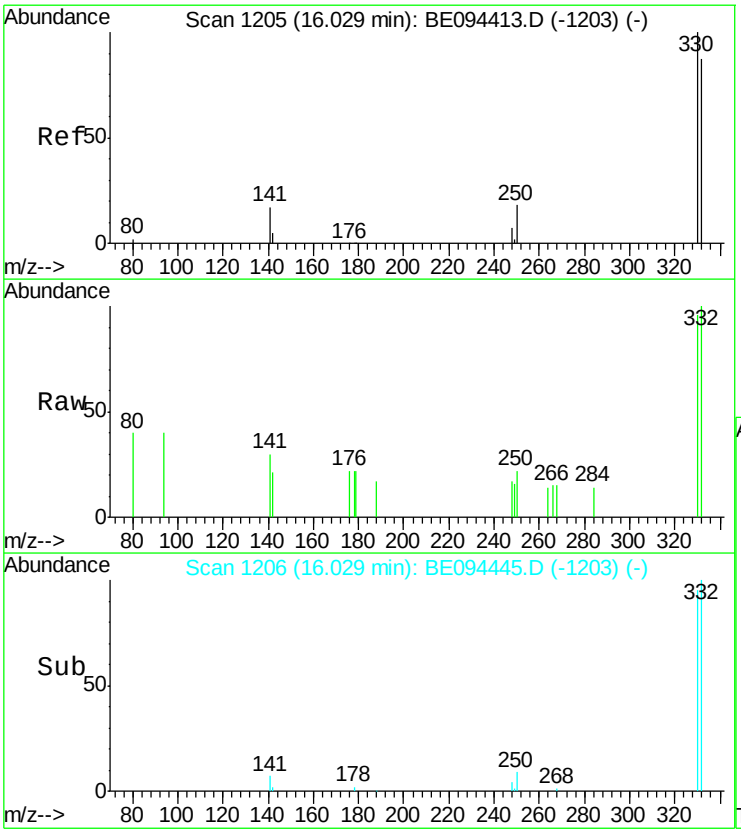
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:164 Resp: 4629

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	50.3	37.1	55.7

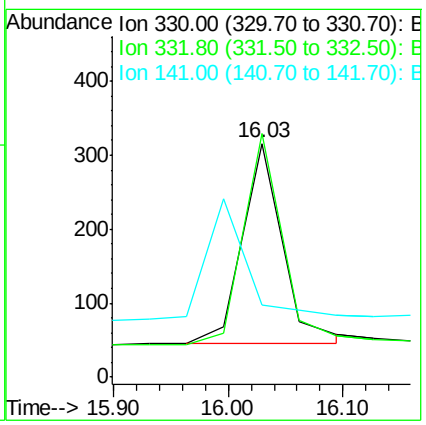


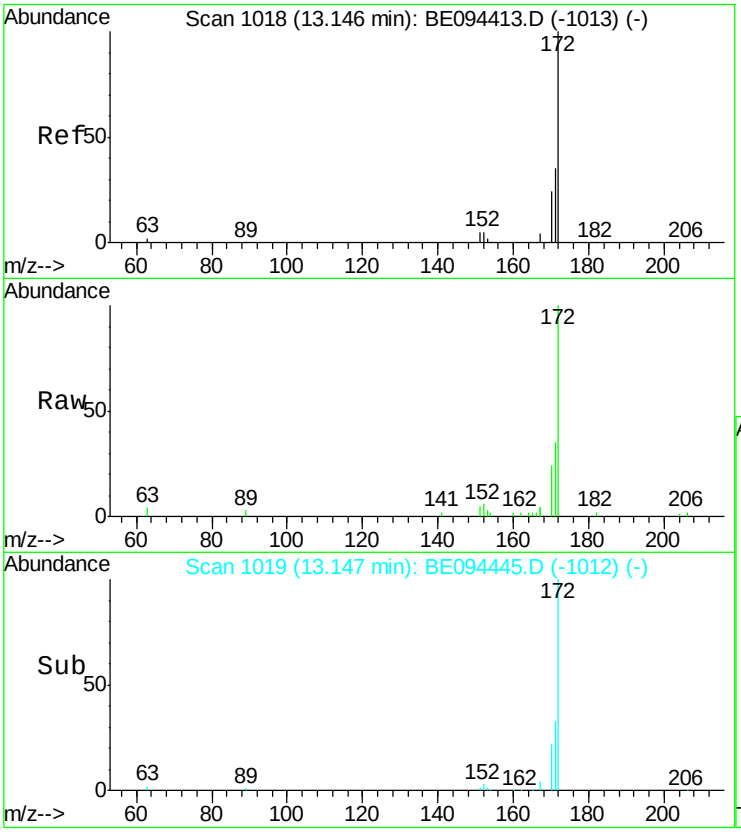


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:330 Resp: 657

Ion	Ratio	Lower	Upper
330	100		
332	103.0	152.7	229.1#
141	0.0	33.7	50.5#



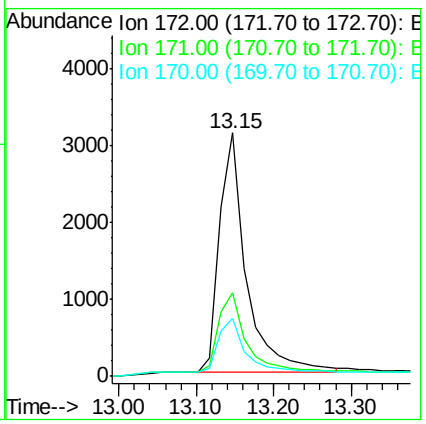


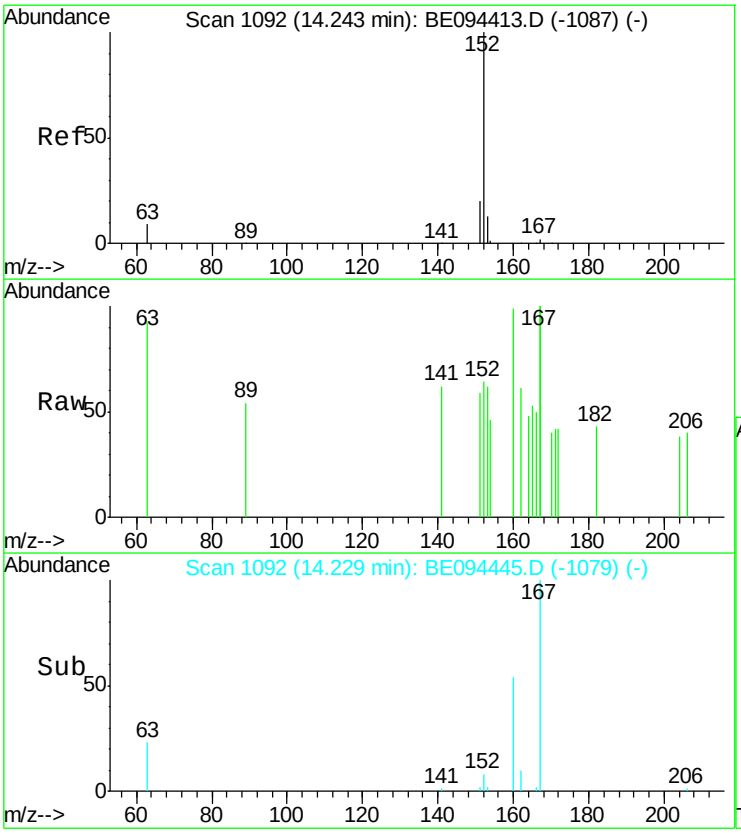
#15
2-Fluorobiphenyl
Concen: 0.458 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:172 Resp: 7568

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	23.7	21.8	32.8

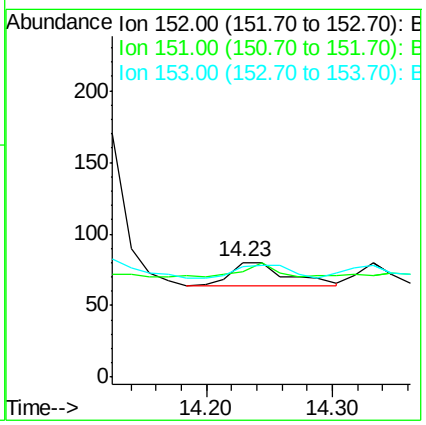


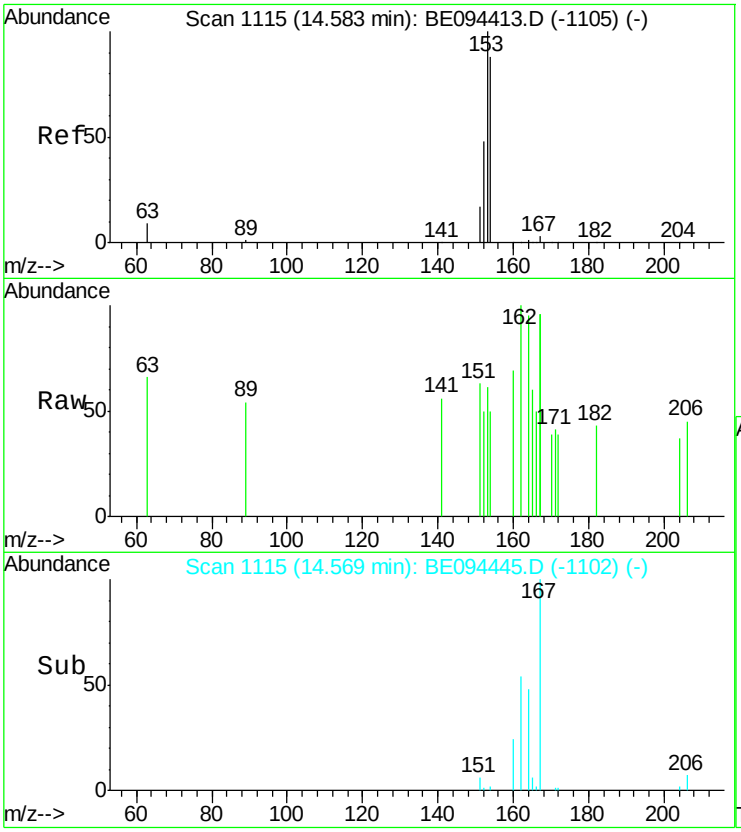


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:152 Resp: 50

Ion	Ratio	Lower	Upper
152	100		
151	44.0	15.7	23.5#
153	56.0	10.5	15.7#



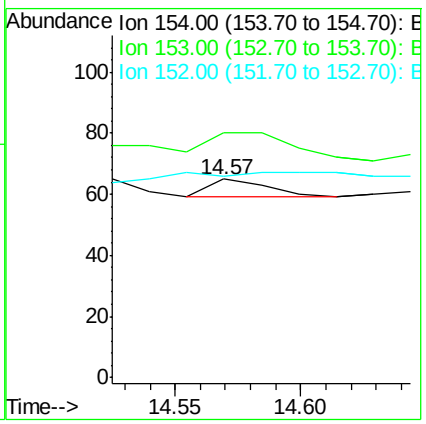


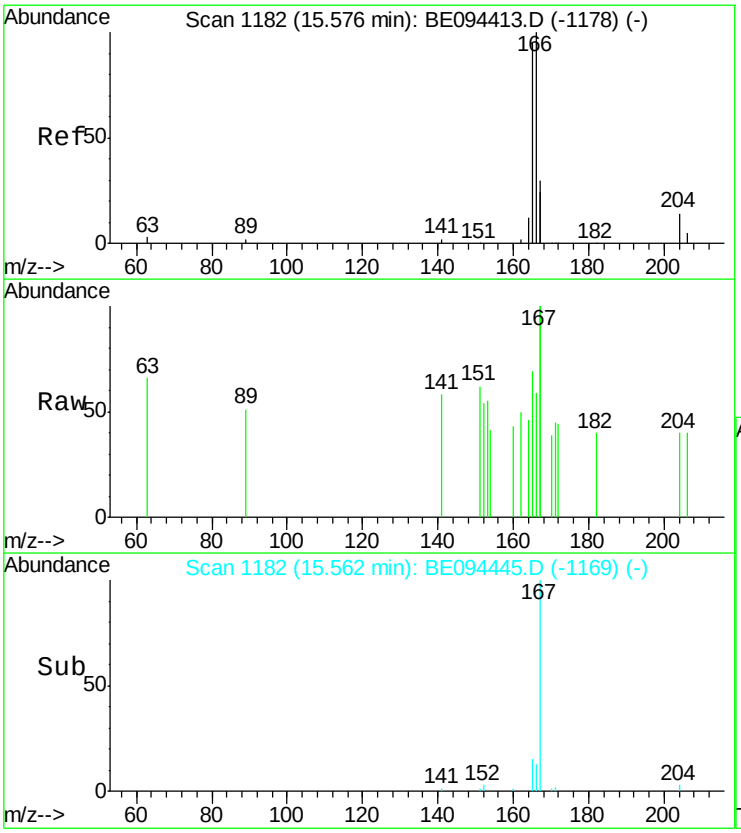
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:154 Resp: 10

Ion	Ratio	Lower	Upper
154	100		
153	200.0	89.2	133.8#
152	190.0	42.0	63.0#

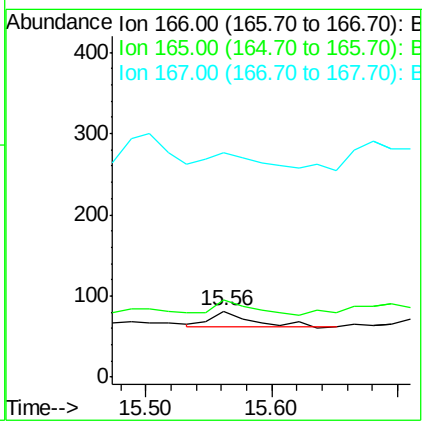


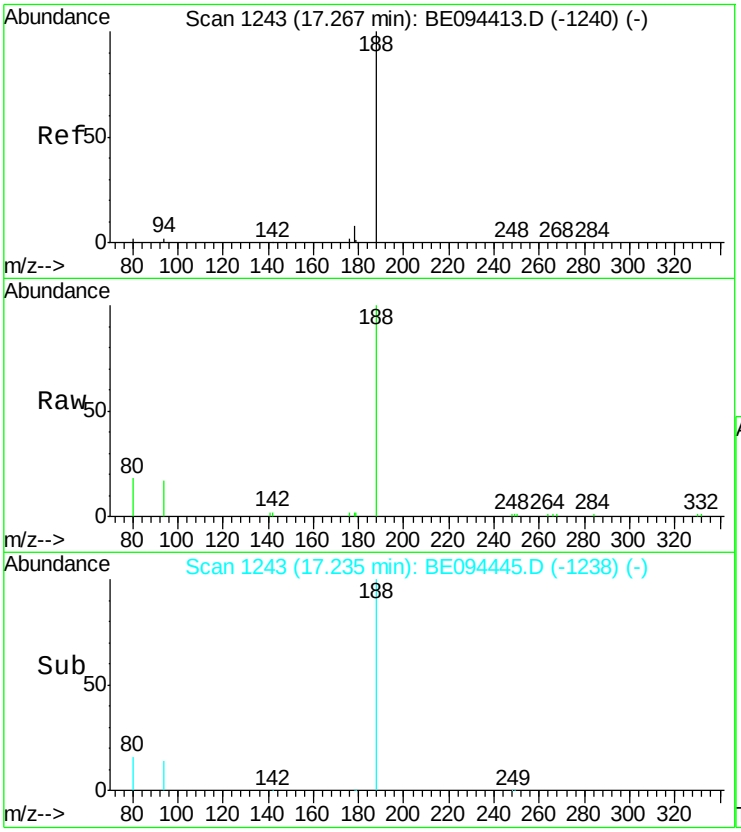


#18
Fluorene
Concen: 0.002 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:166 Resp: 42

Ion	Ratio	Lower	Upper
166	100		
165	95.2	77.8	116.6
167	102.4	42.4	63.6#



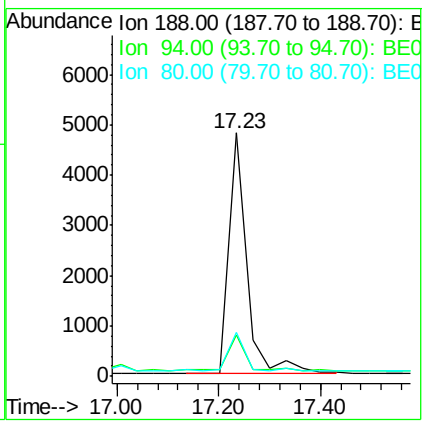


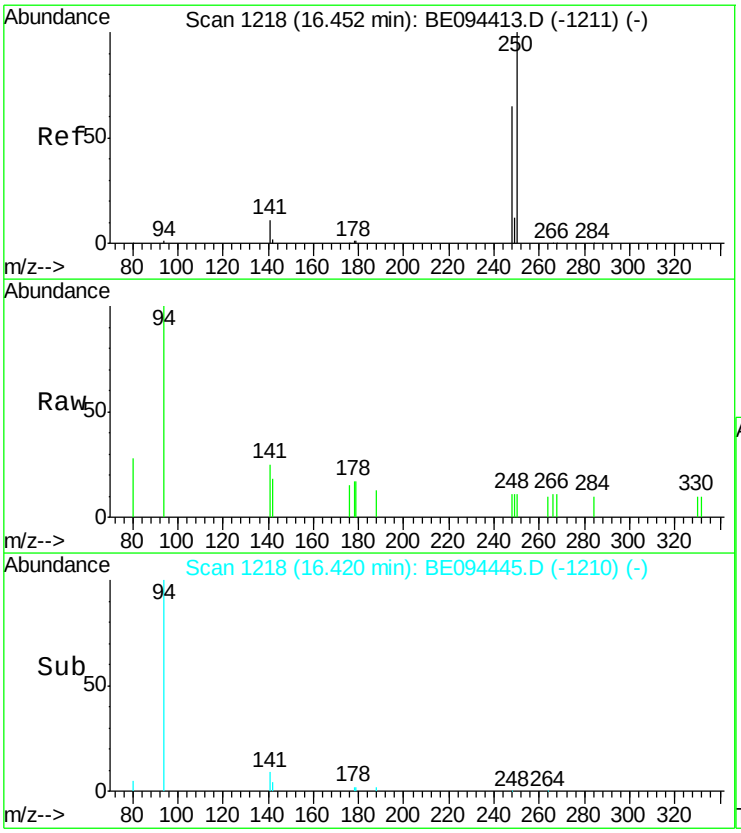
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:188 Resp: 11641

Ion	Ratio	Lower	Upper
188	100		
94	17.0	3.9	5.9#
80	18.0	3.6	5.4#

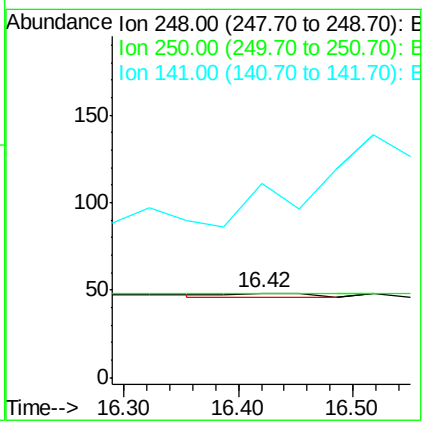


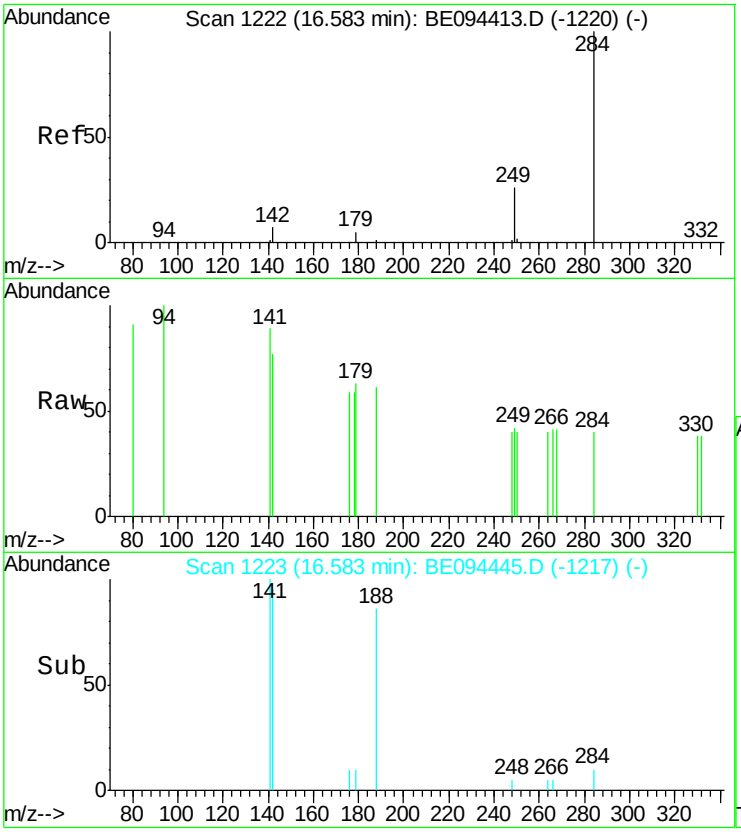


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	231.3	48.2	72.2#



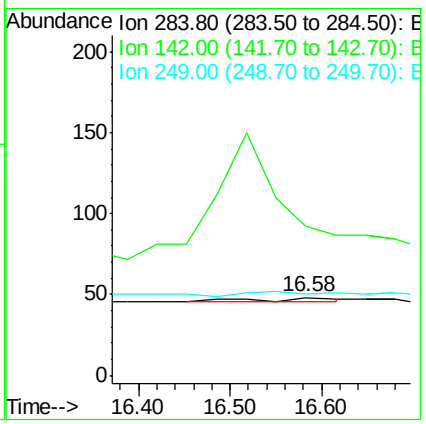


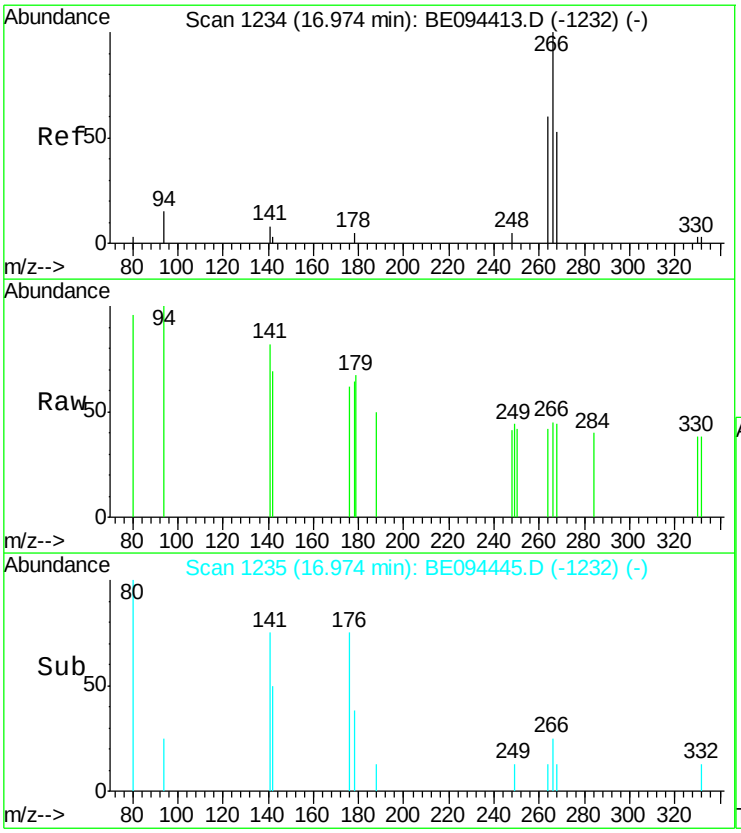
#21
Hexachlorobenzene
Concen: 0.028 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:284 Resp: 10

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

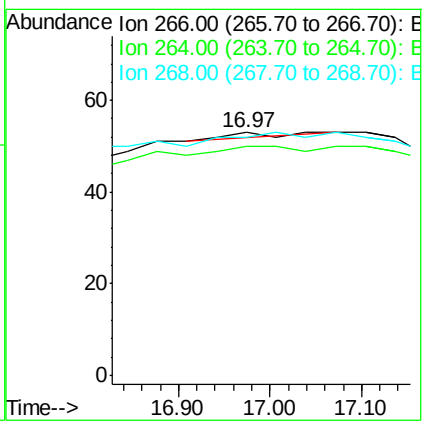


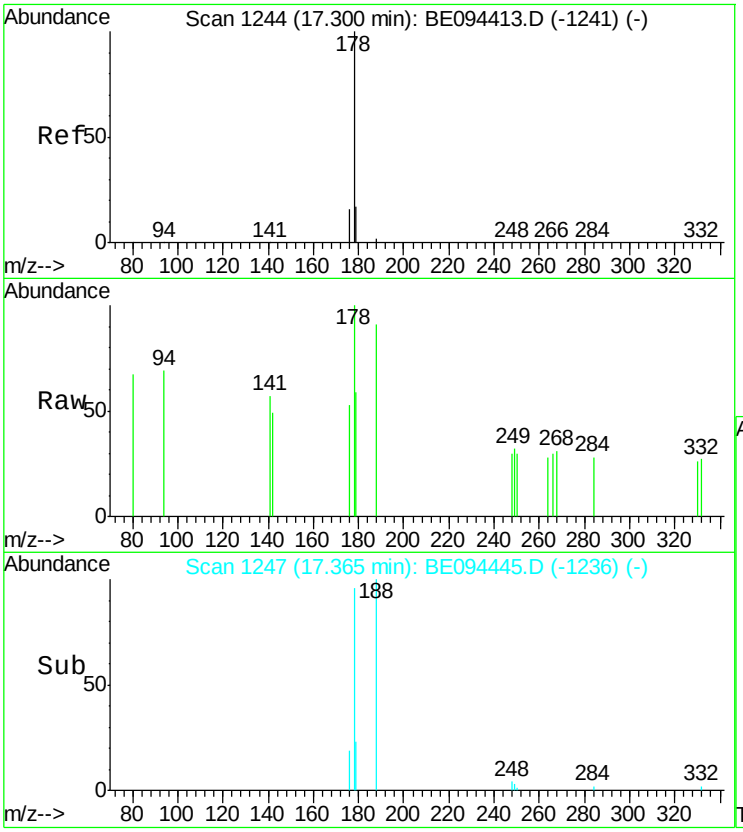


#22
Pentachlorophenol
Concen: 0.161 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	94.3	72.5	108.7
268	98.1	73.8	110.6



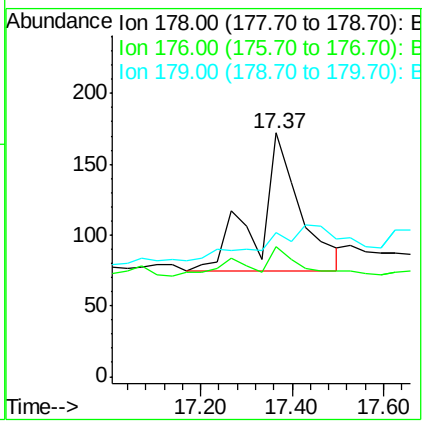


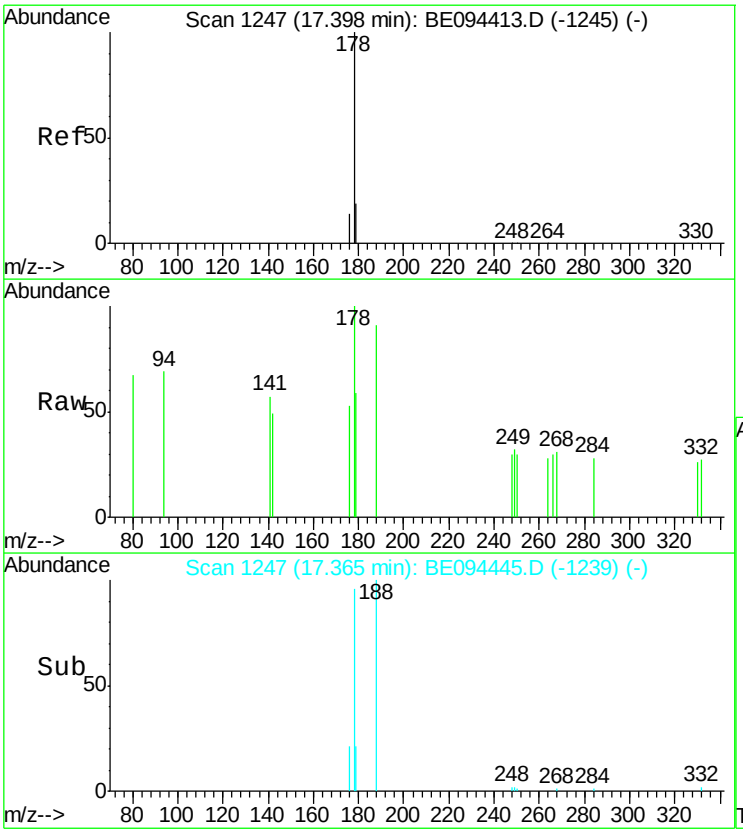
#23
Phenanthrene
Concen: 0.013 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.07 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:178 Resp: 618

Ion	Ratio	Lower	Upper
178	100		
176	10.2	15.1	22.7#
179	0.0	11.8	17.6#

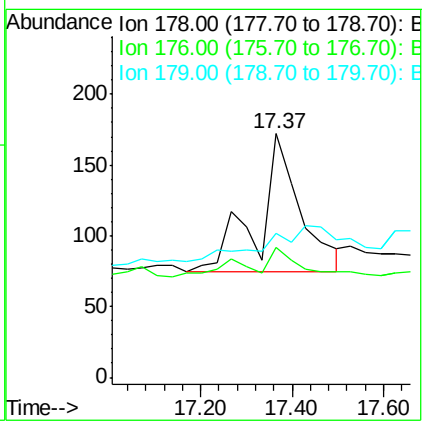


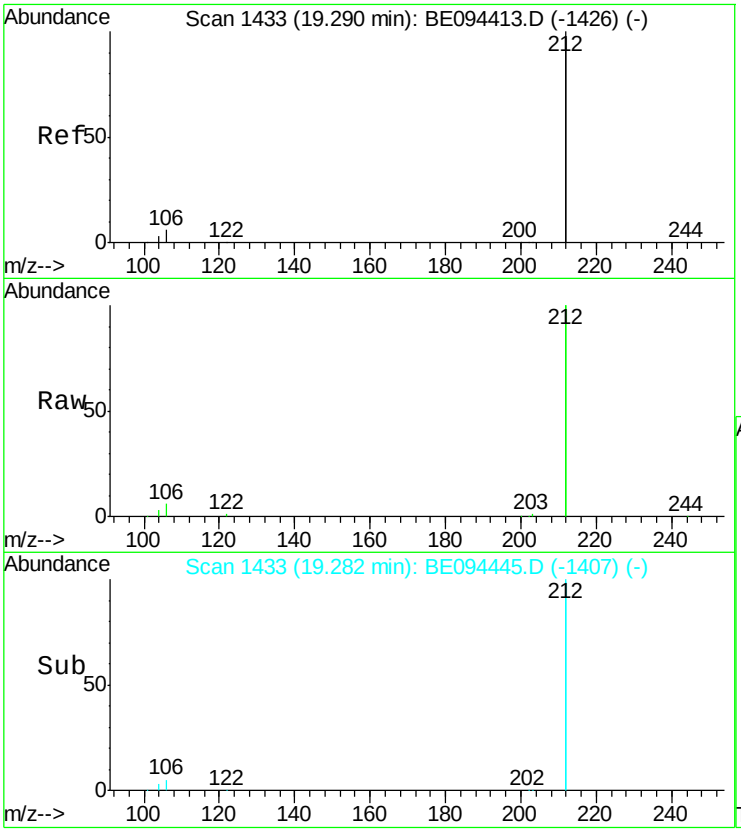


#24
Anthracene
Concen: 0.017 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:178 Resp: 618

Ion	Ratio	Lower	Upper
178	100		
176	10.7	12.8	19.2#
179	0.0	13.0	19.6#



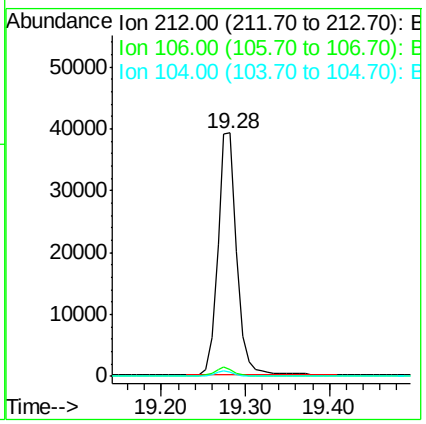


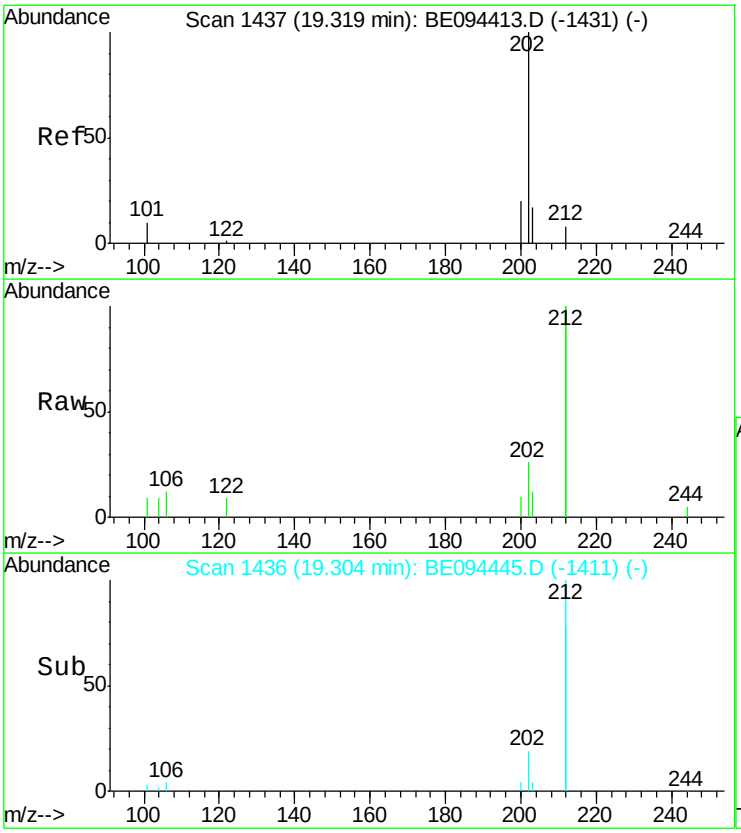
#25
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:212 Resp: 61094

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

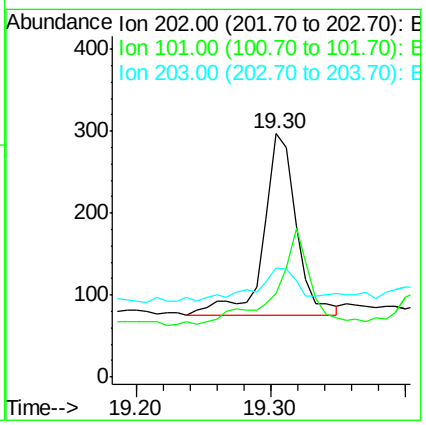


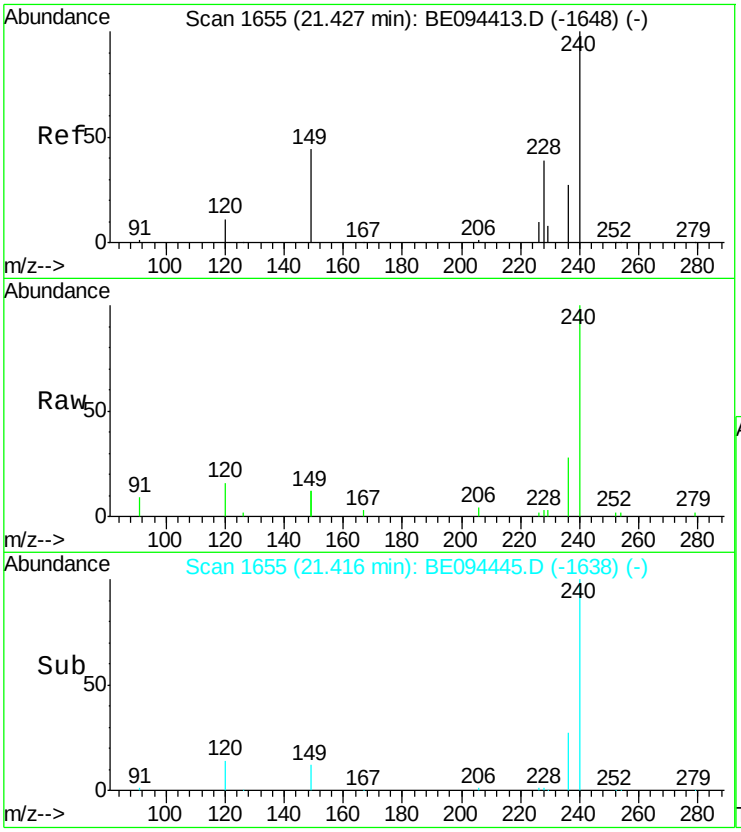


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:202 Resp: 379

Ion	Ratio	Lower	Upper
202	100		
101	58.3	9.8	14.8#
203	22.7	13.7	20.5#



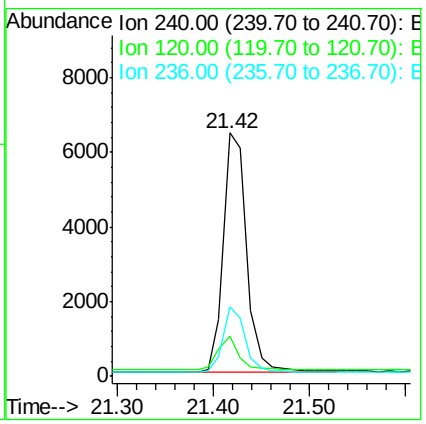


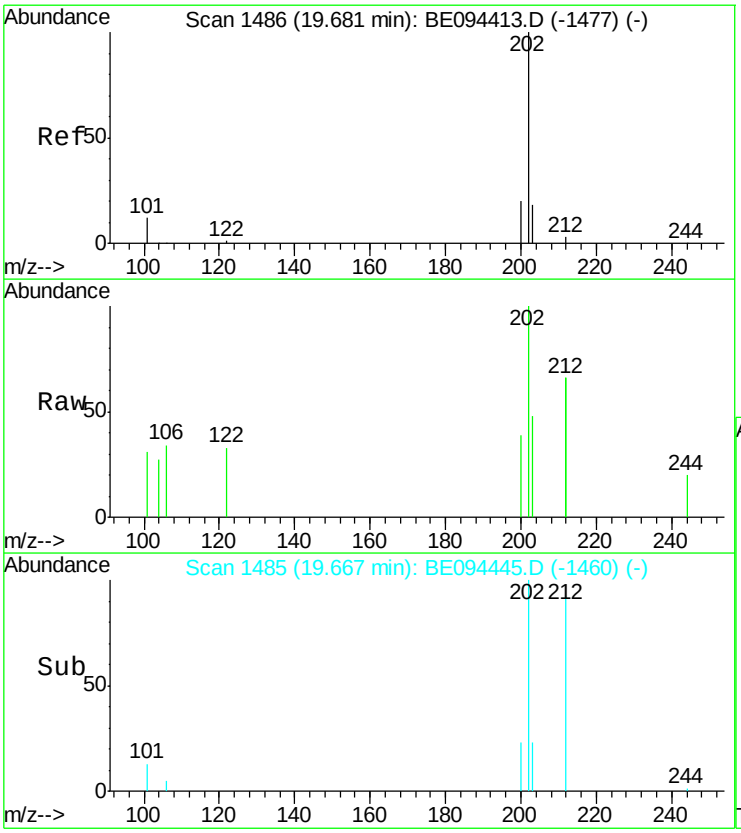
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:240 Resp: 10943

Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.5	8.3#
236	28.3	20.7	31.1

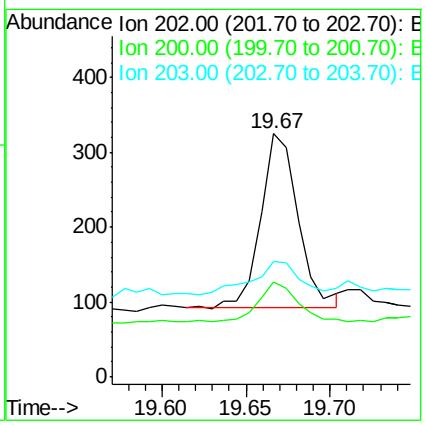


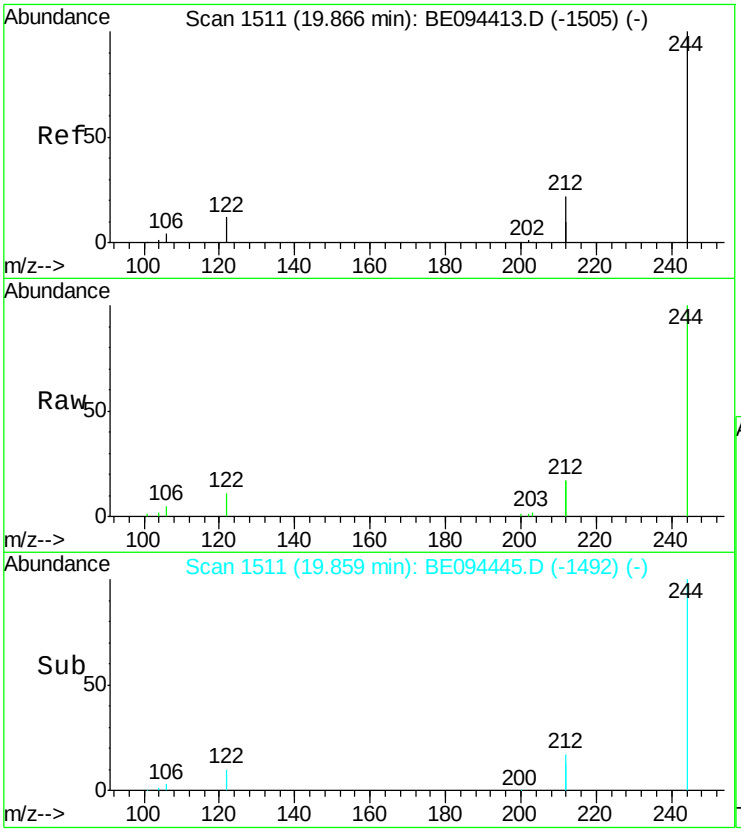


#28
Pyrene
Concen: 0.009 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:202 Resp: 363

Ion	Ratio	Lower	Upper
202	100		
200	25.9	16.6	25.0#
203	25.1	13.8	20.8#



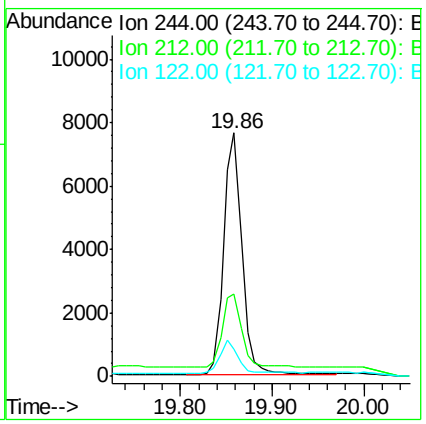


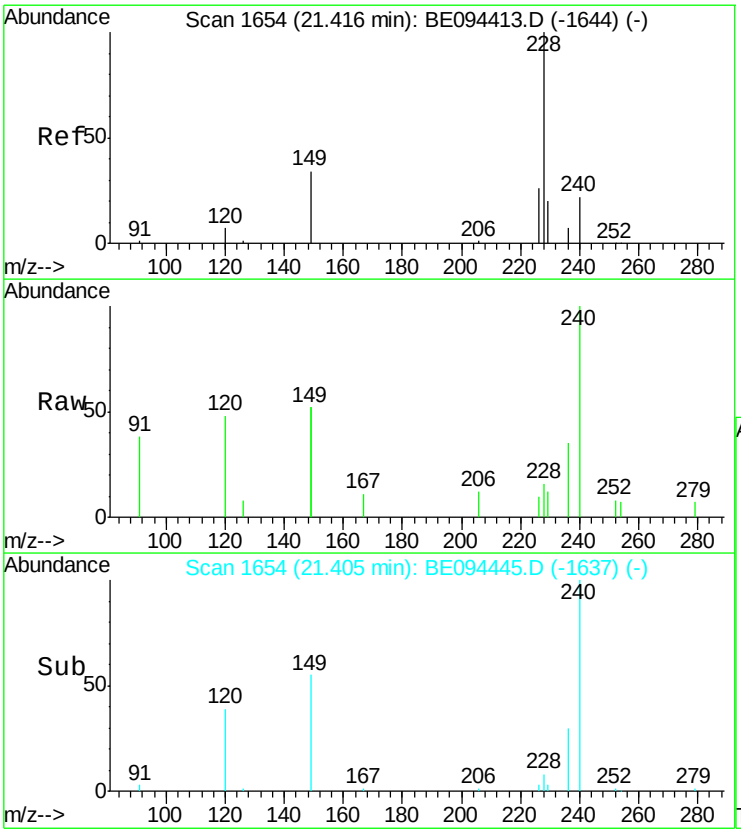
#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:244 Resp: 10393

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.3	8.1	12.1

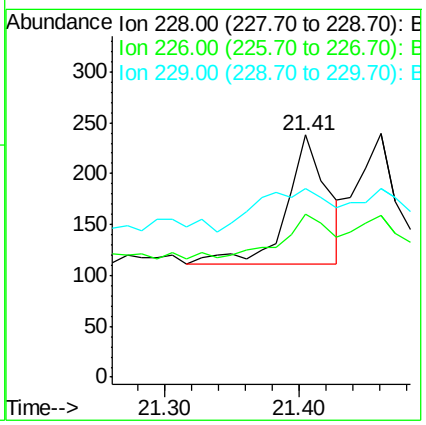


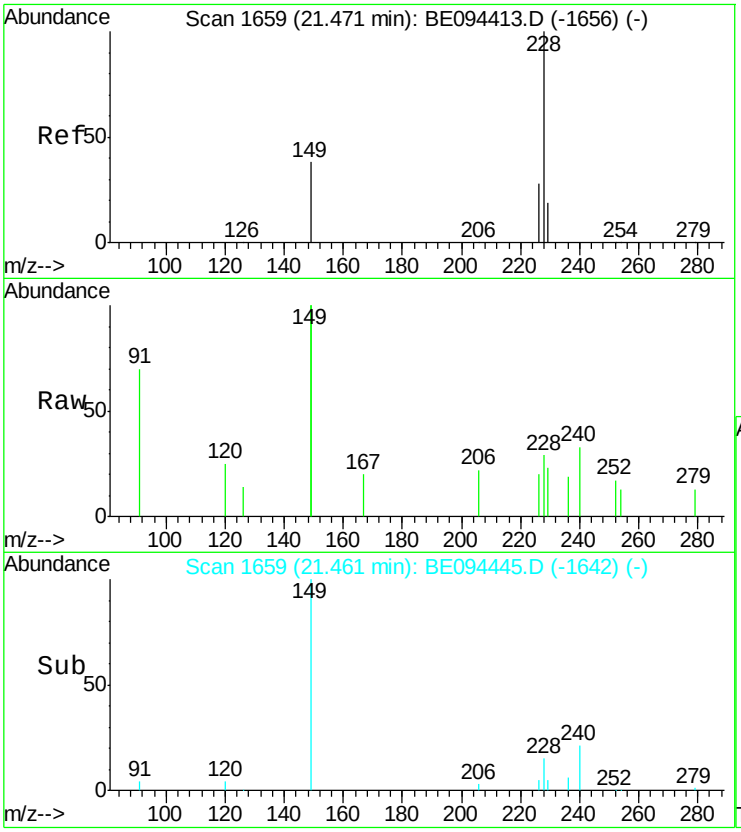


#30
Benzo(a)anthracene
Concen: 0.007 ng
RT: 21.41 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:228 Resp: 273

Ion	Ratio	Lower	Upper
228	100		
226	67.2	40.0	60.0#
229	77.7	40.0	60.0#



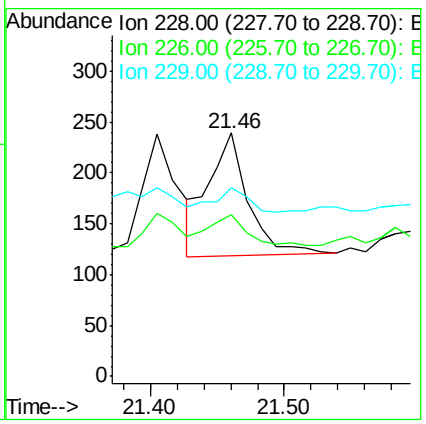


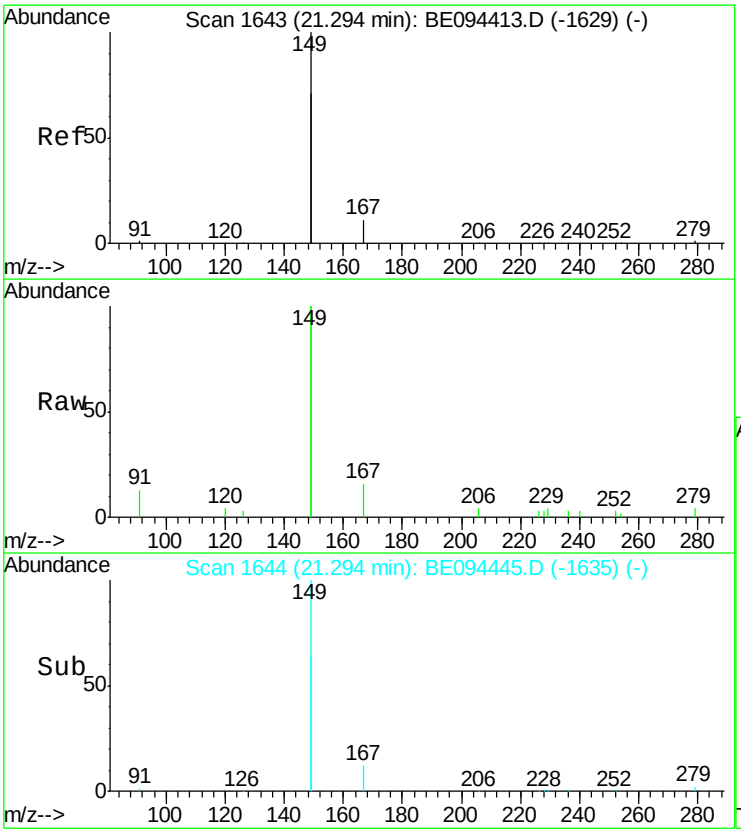
#31
Chrysene
Concen: 0.007 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:228 Resp: 246

Ion	Ratio	Lower	Upper
228	100		
226	66.5	40.0	60.0#
229	77.8	40.0	60.0#

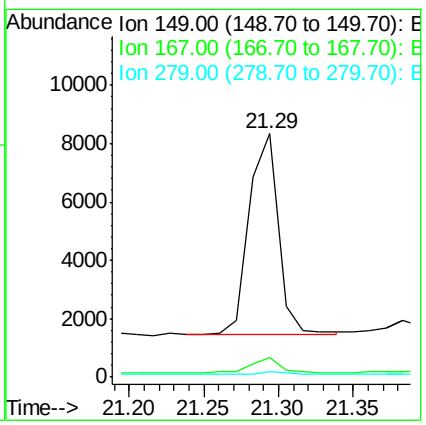


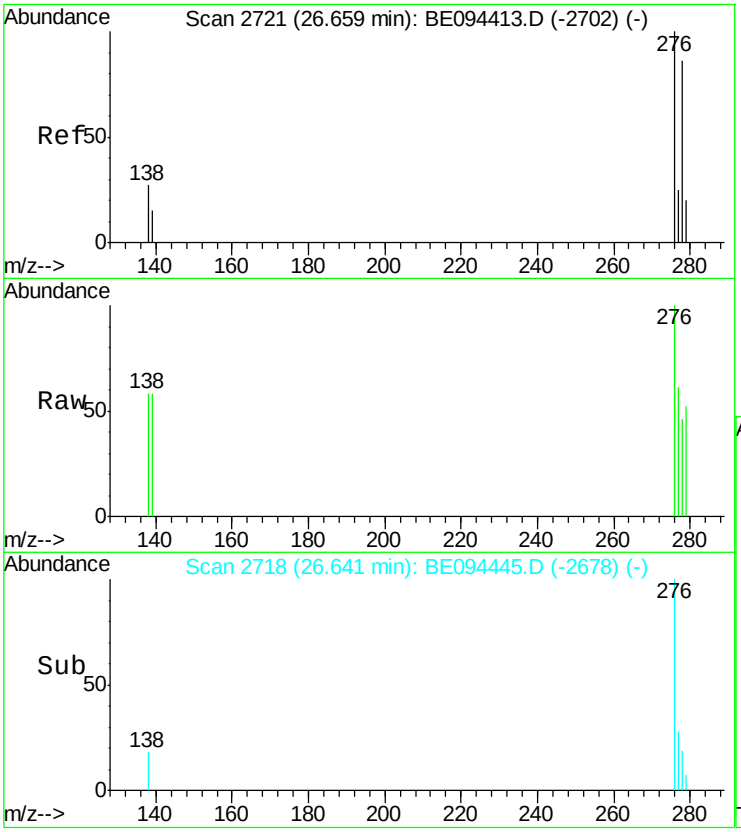


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:149 Resp: 9374

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.1	0.7	1.1



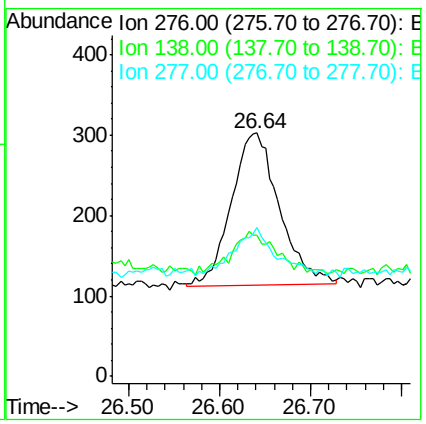


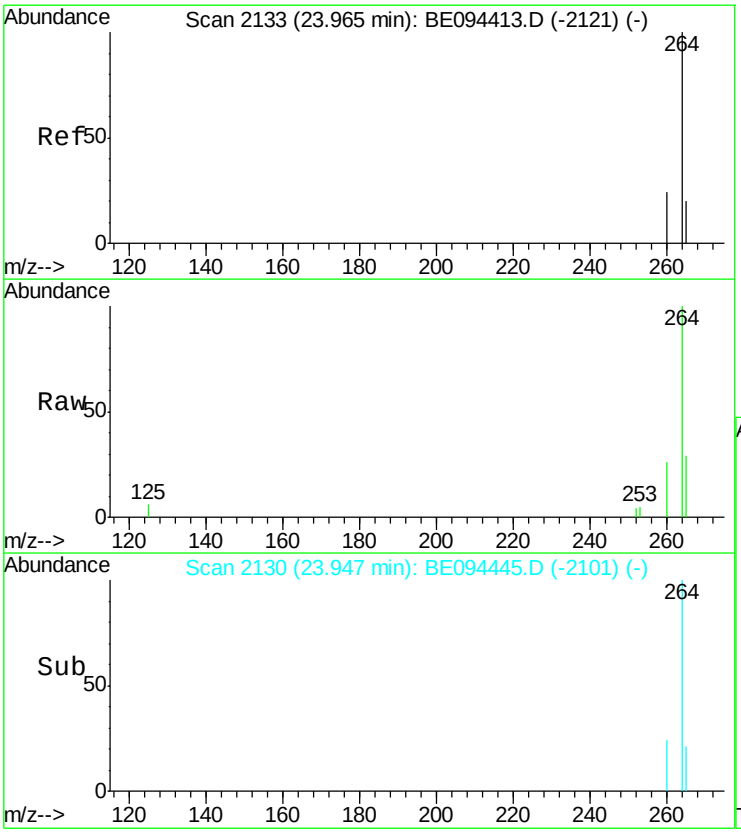
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.019 ng
RT: 26.64 min Scan# 2718
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:276 Resp: 697

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.5	33.7
277	28.6	19.9	29.9

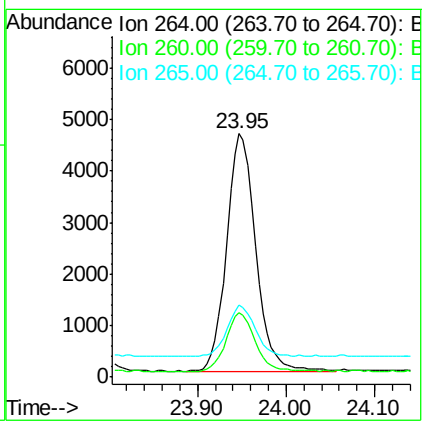


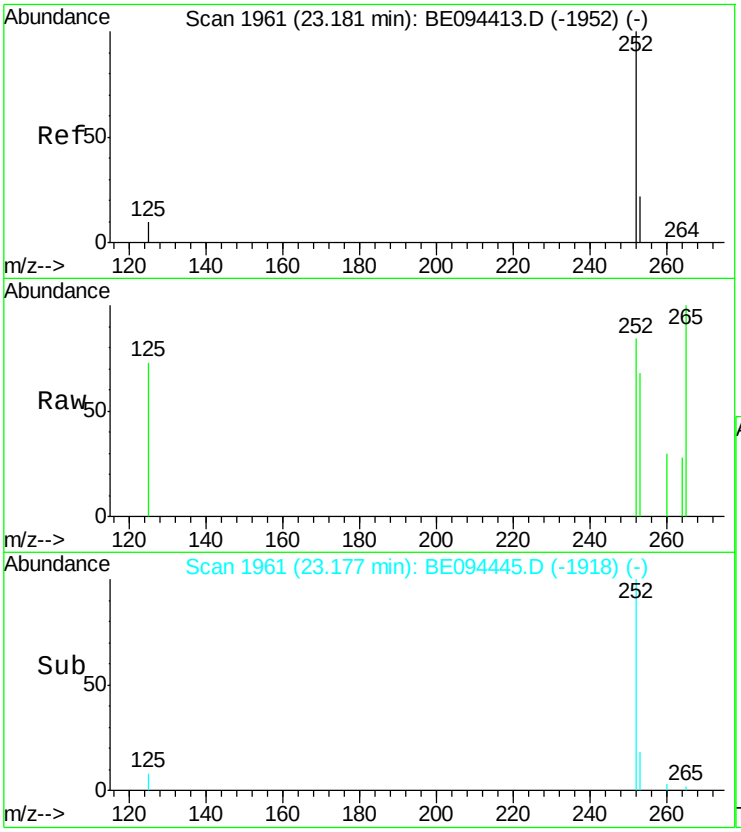


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:264 Resp: 10544

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	29.4	22.8	34.2



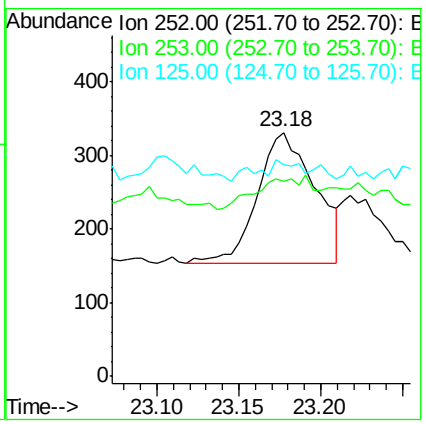


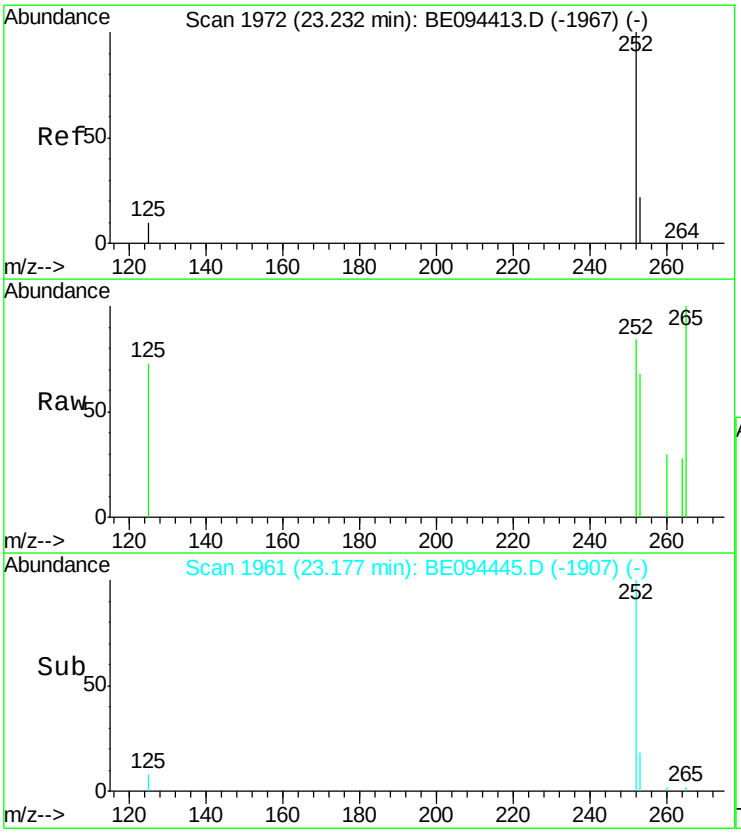
#35
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:252 Resp: 438

Ion	Ratio	Lower	Upper
252	100		
253	80.1	48.0	72.0#
125	87.0	56.0	84.0#

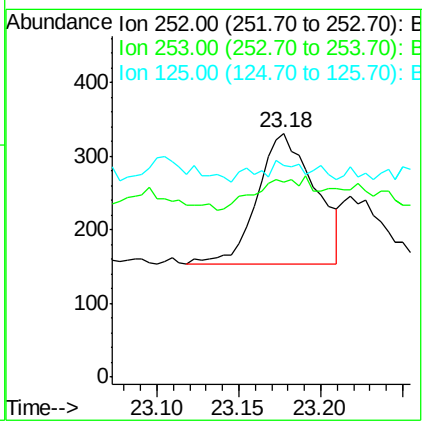


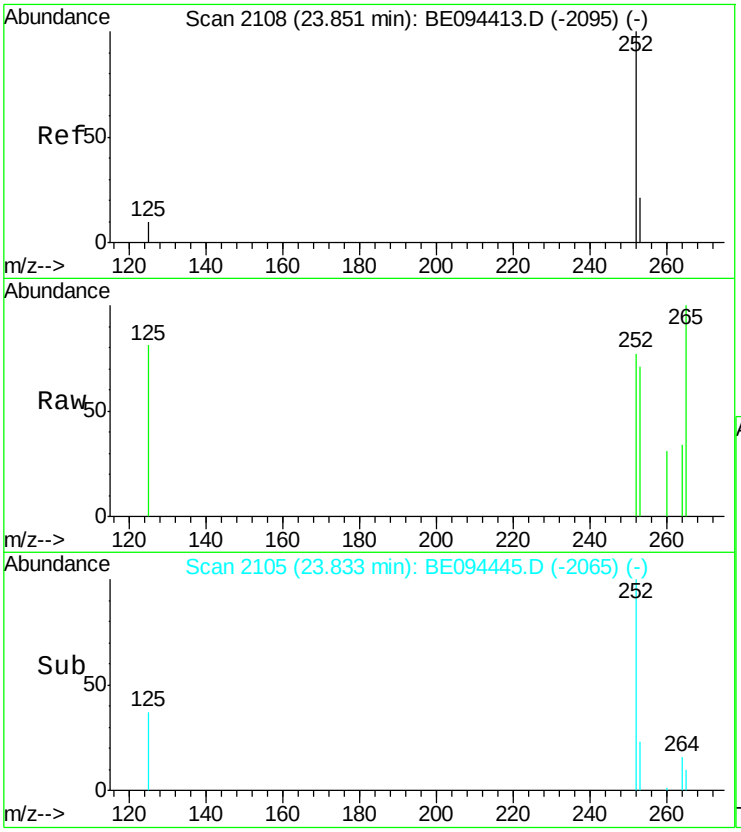


#36
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.05 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:252 Resp: 438

Ion	Ratio	Lower	Upper
252	100		
253	80.1	48.0	72.0#
125	87.0	56.0	84.0#



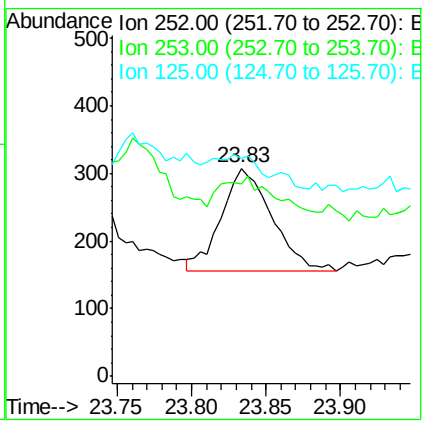


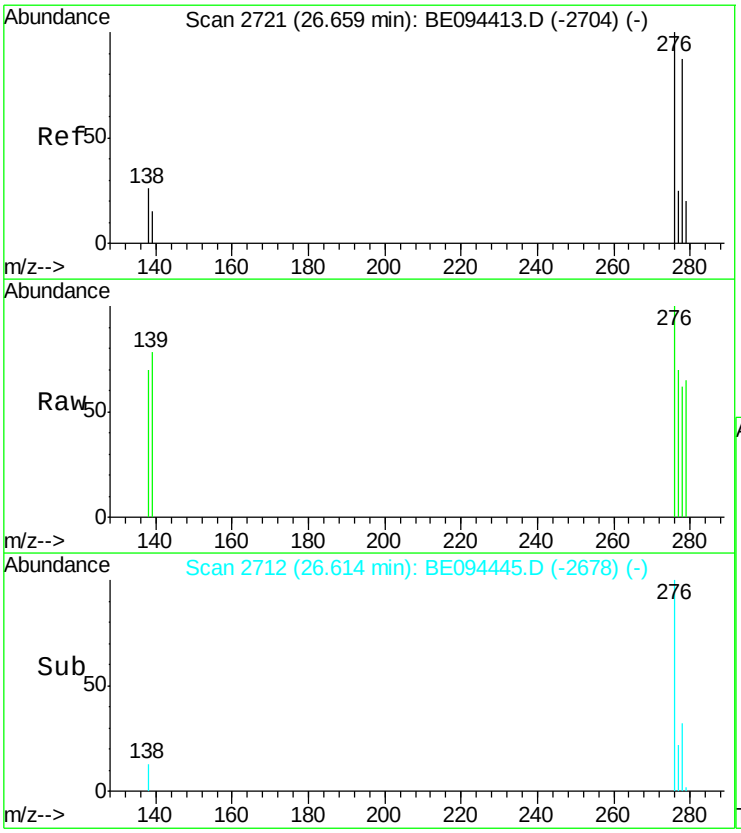
#37
Benzo(a)pyrene
Concen: 0.011 ng
RT: 23.83 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:252 Resp: 356

Ion	Ratio	Lower	Upper
252	100		
253	92.2	52.0	78.0#
125	104.9	68.0	102.0#

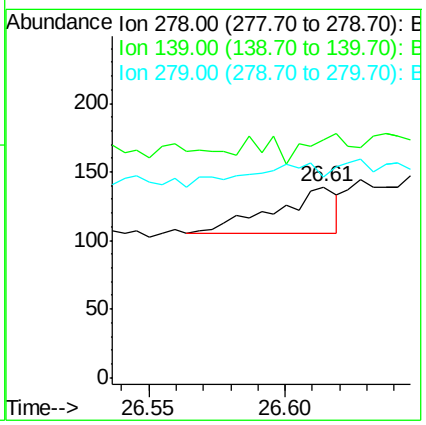


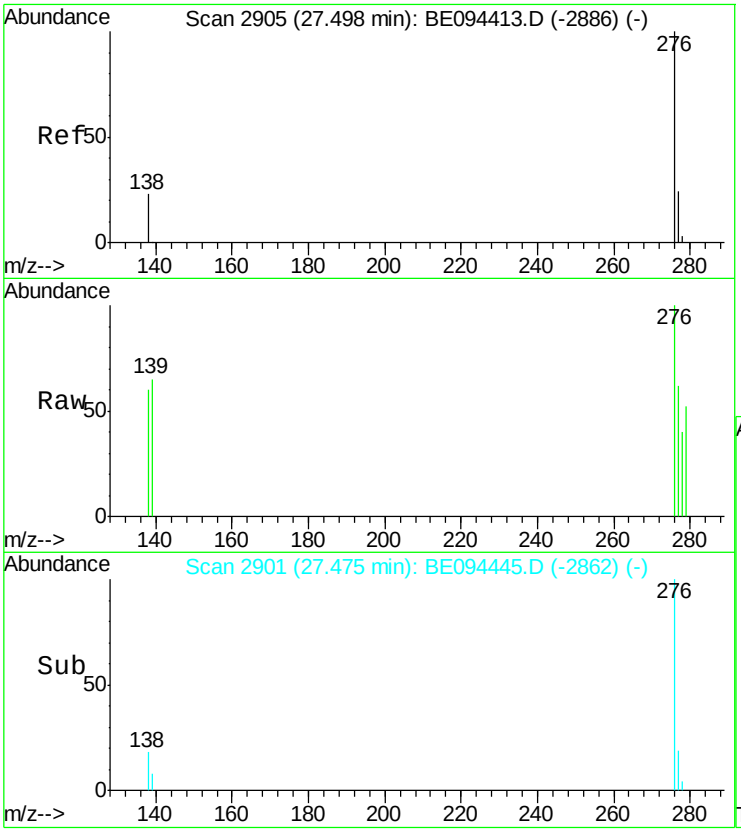


#38
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.05 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Tgt Ion:278 Resp: 54

Ion	Ratio	Lower	Upper
278	100		
139	124.5	56.0	84.0#
279	105.0	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.48 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BE094445.D
Acq: 19 Oct 2017 13:30

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171011

Tgt Ion:276 Resp: 628

Ion	Ratio	Lower	Upper
276	100		
277	62.4	52.0	78.0
138	59.8	44.0	66.0