Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094966.D
Acq On : 9 Dec 2017 1:36
Operator : SJ/JU
Sample : I6740-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 09 02:59:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8025	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	17170	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	9997	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	23943	0.40	ng		0.00
27) Chrysene-d12	21.89	240	26438	0.40	ng		0.00
34) Perylene-d12	24.56	264	20757	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2287	0.18	ng		0.00
5) Phenol-d6	7.60	99	2353	0.13	ng		0.00
8) Nitrobenzene-d5	9.66	82	6479	0.64	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	10970	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1271	0.57	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	28646	0.67	ng		0.00
25) Fluoranthene-d10	19.76	212	129144	0.39	ng		0.00
29) Terphenyl-d14	20.33	244	35860	0.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	31091	3.703	ng	#	86
17) Acenaphthene	15.14	154	763	0.021	ng	#	77
18) Fluorene	16.10	166	1216	0.026	ng	#	81
22) Pentachlorophenol	17.43	266	489	0.247	ng	#	79
23) Phenanthrene	17.82	178	5988	0.078	ng		93
24) Anthracene	17.91	178	3005	0.037	ng	#	43
26) Fluoranthene	19.79	202	4126	0.042	ng		97
28) Pyrene	20.14	202	3309	0.036	ng	#	89
30) Benzo(a)anthracene	21.87	228	4647	0.057	ng	#	65
31) Chrysene	21.92	228	5860	0.065	ng	#	66
32) Bis(2-ethylhexyl)phthalate	21.75	149	10712	0.080	ng		99
33) Indeno(1,2,3-cd)pyrene	27.44	276	3978	0.054	ng		99
35) Benzo(b)fluoranthene	23.73	252	4533	0.060	ng	#	50
36) Benzo(k)fluoranthene	23.78	252	3999	0.052	ng	#	50
37) Benzo(a)pyrene	24.44	252	3836	0.058	ng	#	47
38) Dibenzo(a,h)anthracene	27.46	278	3270	0.053	ng	#	52
39) Benzo(g,h,i)perylene	28.33	276	3506	0.057	ng	#	58

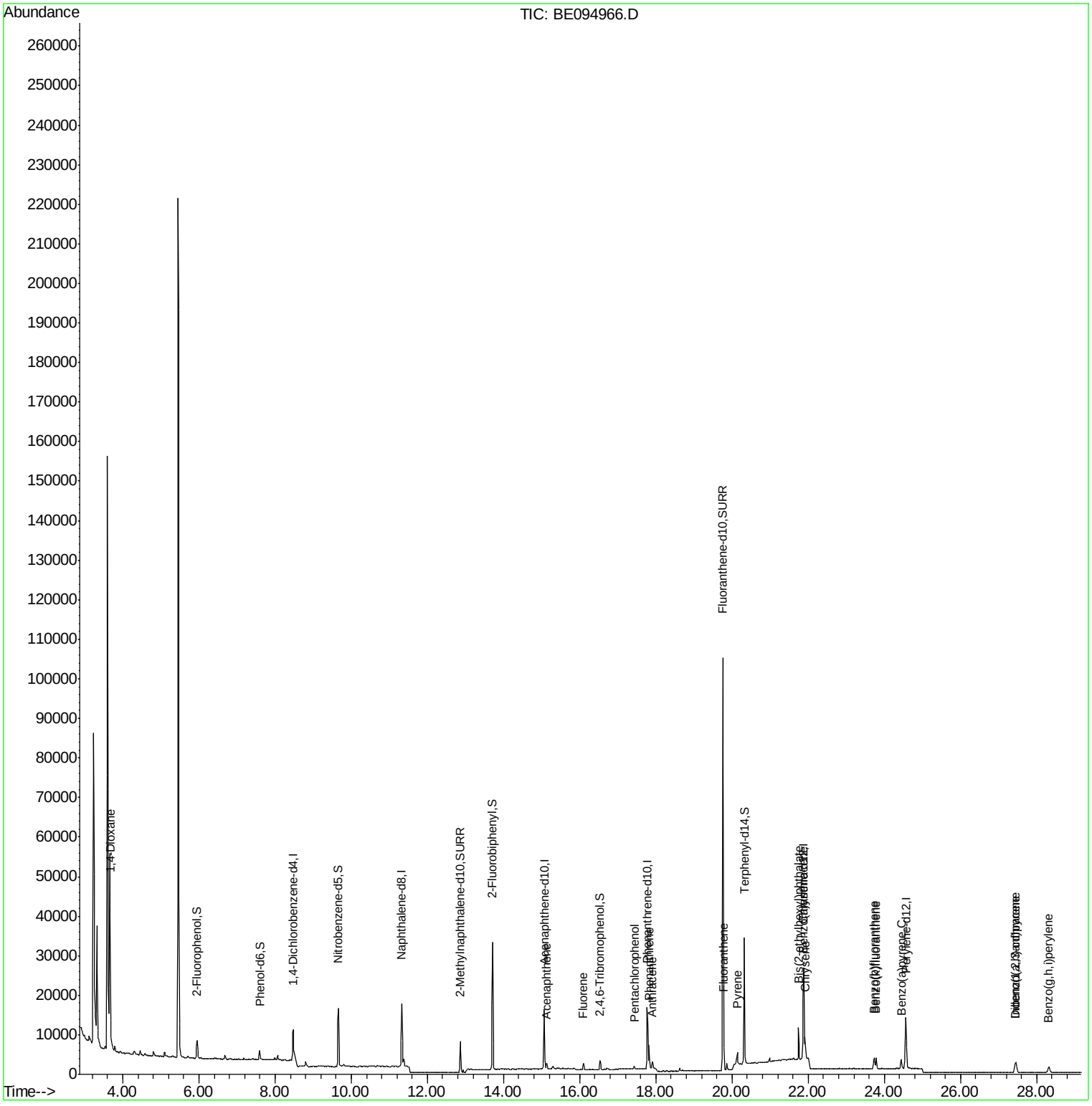
(#) = qualifier out of range (m) = manual integration (+) = signals summed

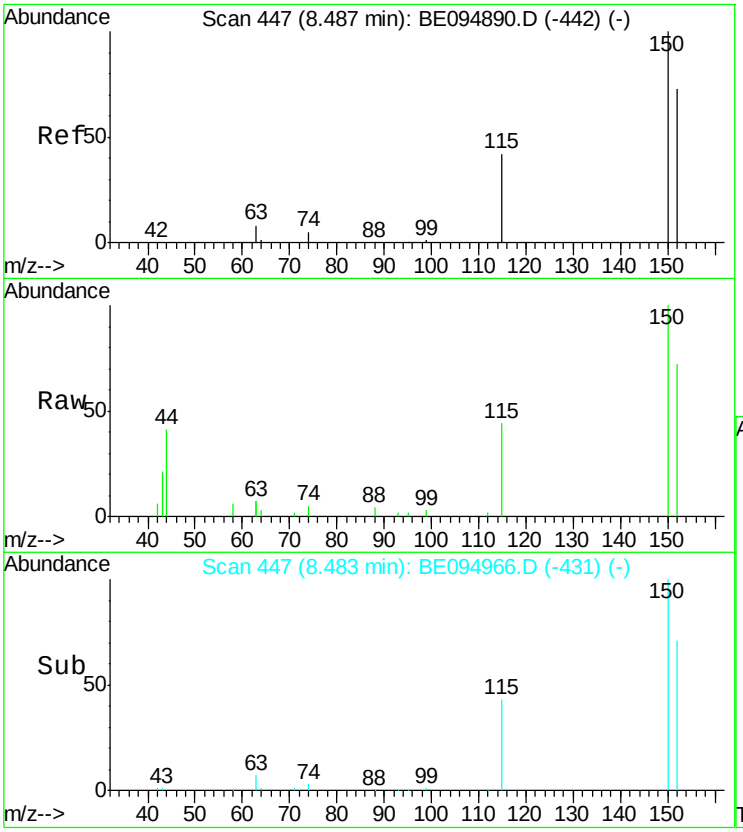
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094966.D
Acq On : 9 Dec 2017 1:36
Operator : SJ/JU
Sample : I6740-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 09 02:59:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



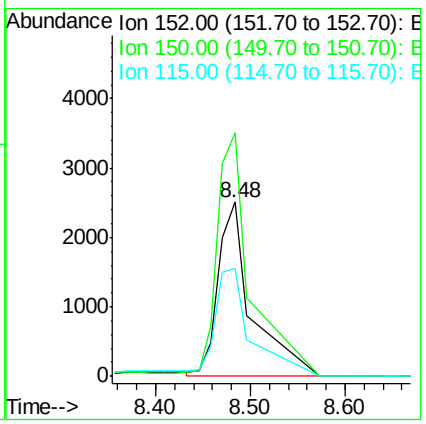


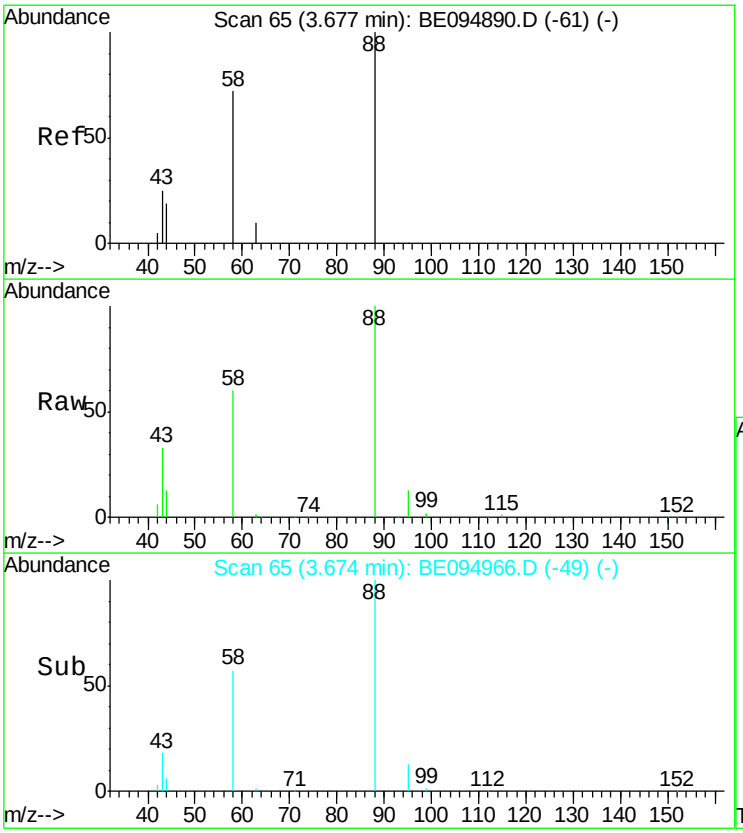
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8025

Ion	Ratio	Lower	Upper
152	100		
150	139.6	117.2	175.8
115	62.0	57.0	85.6

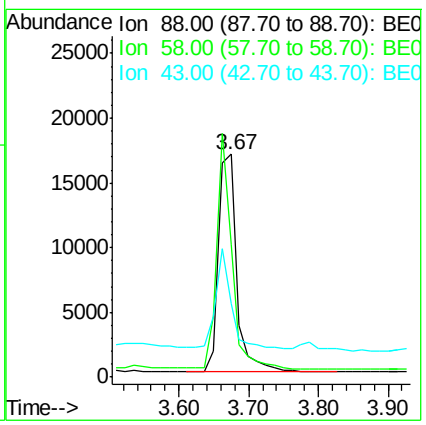


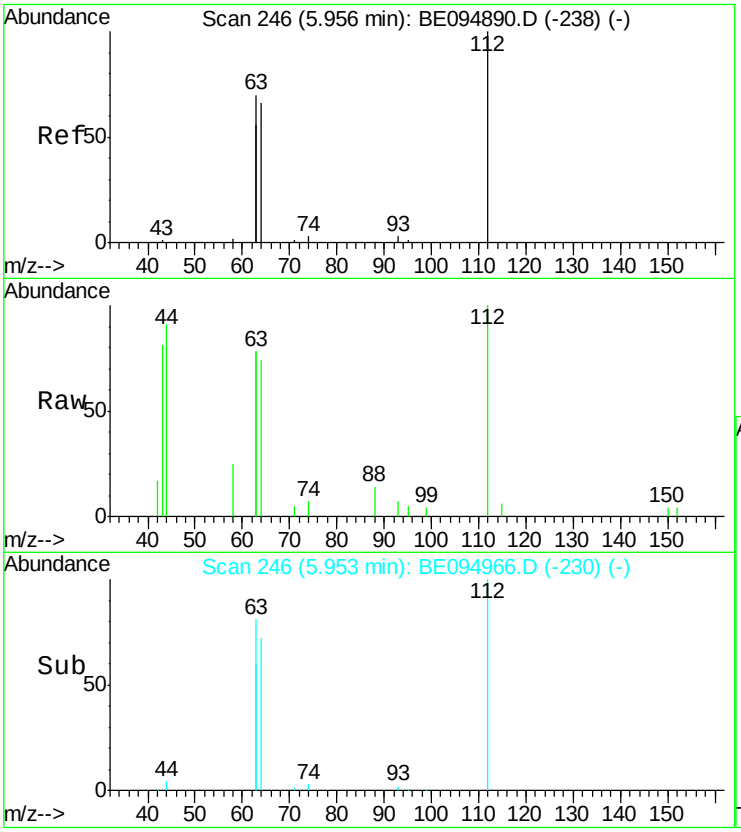


#2
1,4-Dioxane
Concen: 3.703 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion: 88 Resp: 31091

Ion	Ratio	Lower	Upper
88	100		
58	88.6	63.2	94.8
43	38.0	41.2	61.8#



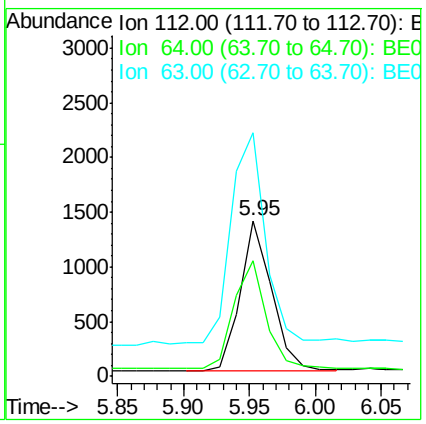


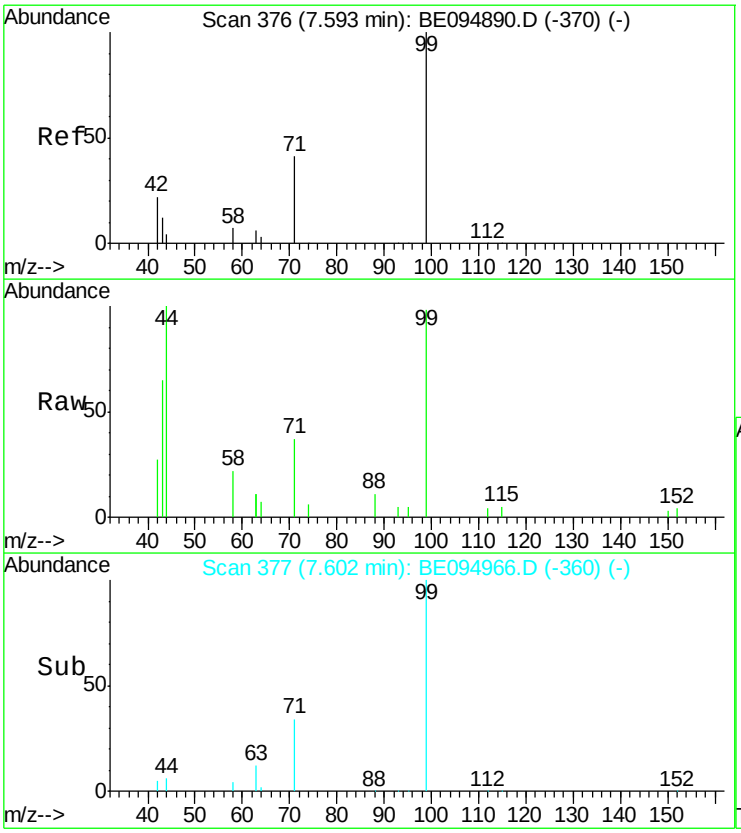
#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2287

Ion	Ratio	Lower	Upper
112	100		
64	76.5	60.1	90.1
63	152.4	116.8	175.2

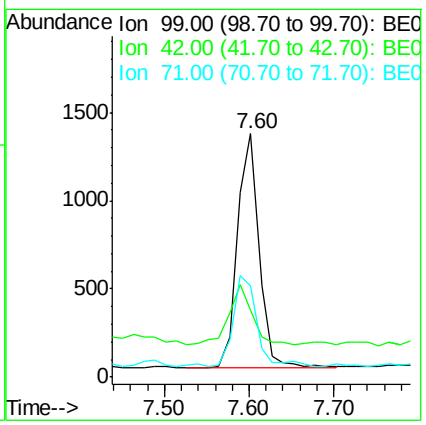


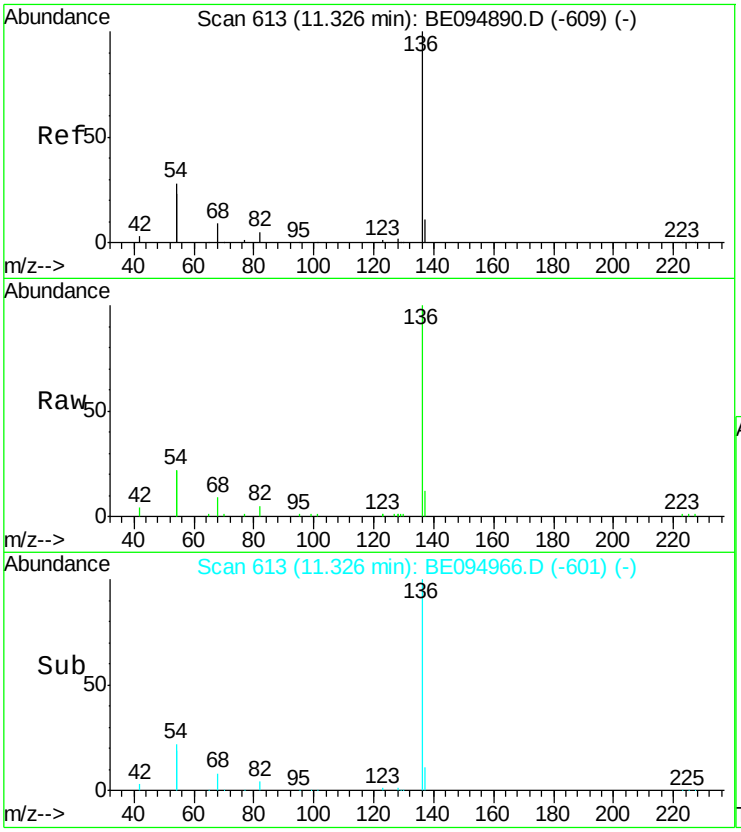


#5
Phenol-d6
Concen: 0.125 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion: 99 Resp: 2353

Ion	Ratio	Lower	Upper
99	100		
42	28.3	20.2	30.2
71	43.4	28.4	42.6#



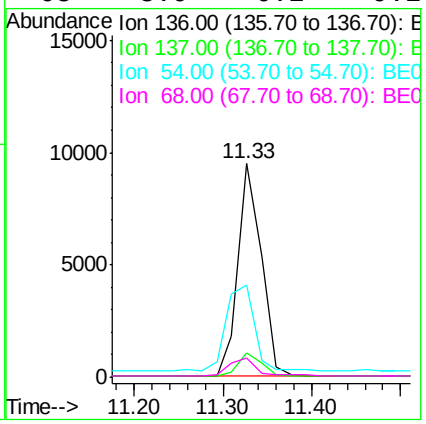


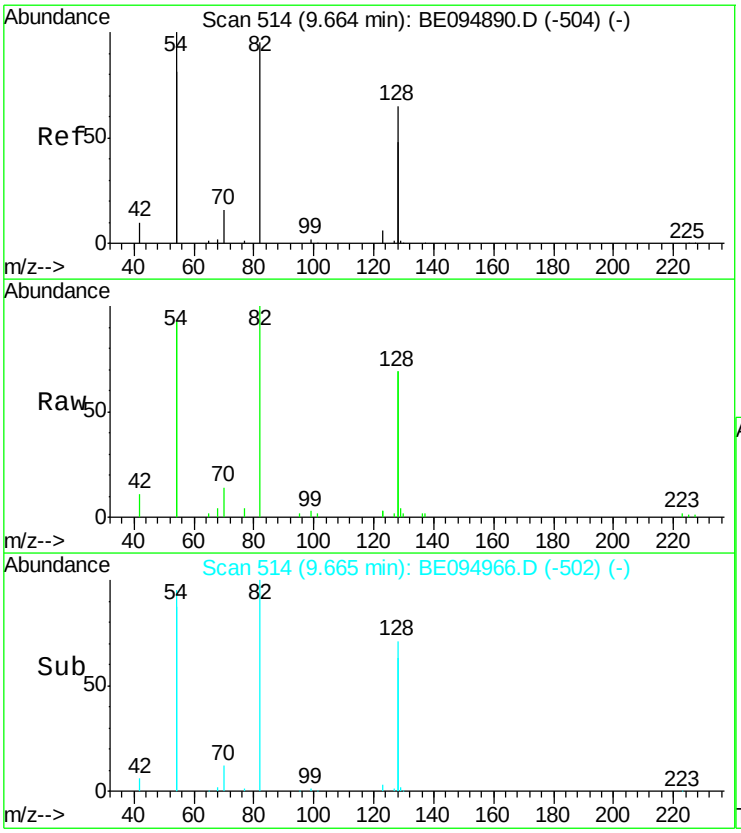
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17170

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	43.4	29.1	43.7
68	8.9	6.2	9.2

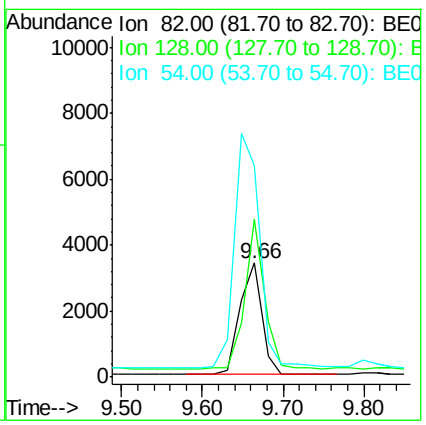


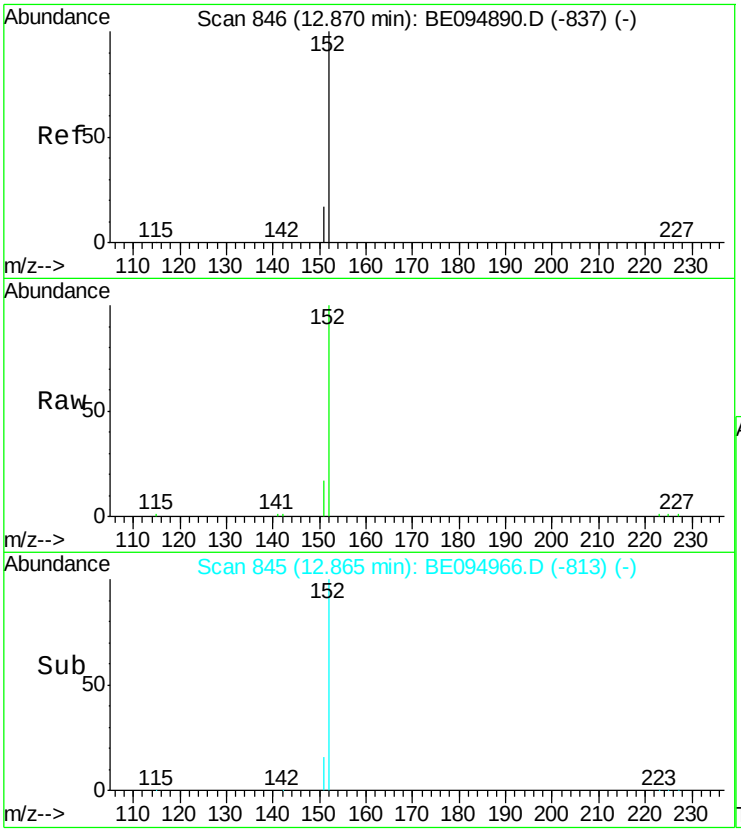


#8
Nitrobenzene-d5
Concen: 0.637 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion: 82 Resp: 6479

Ion	Ratio	Lower	Upper
82	100		
128	138.1	150.0	225.0#
54	186.3	154.2	231.4



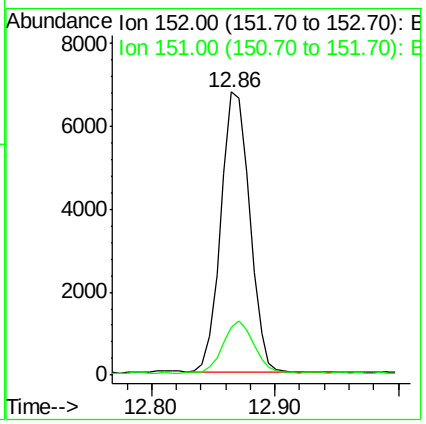


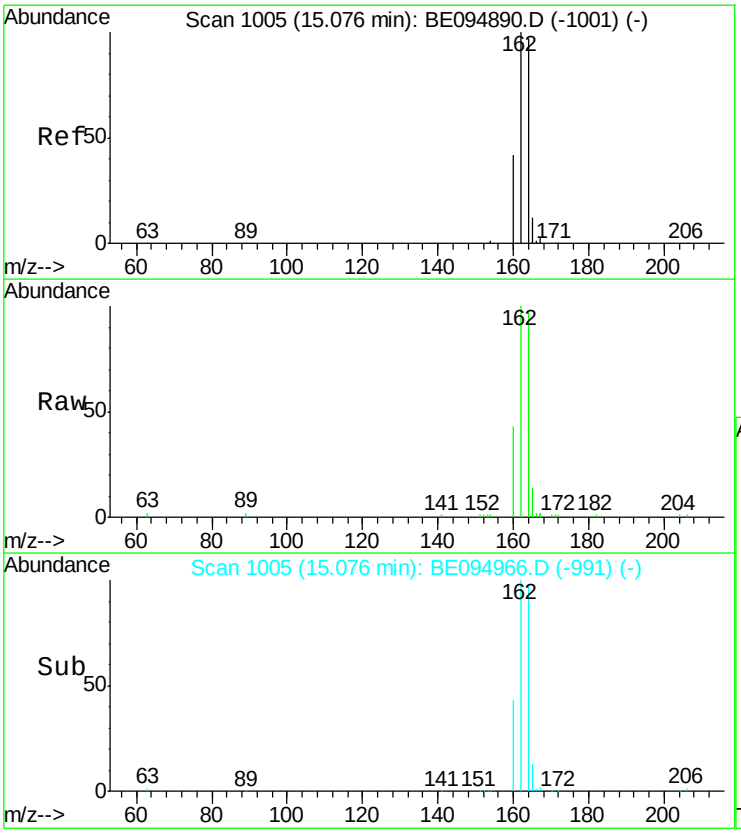
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10970

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

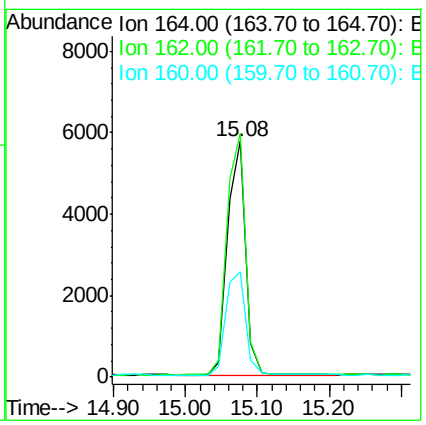


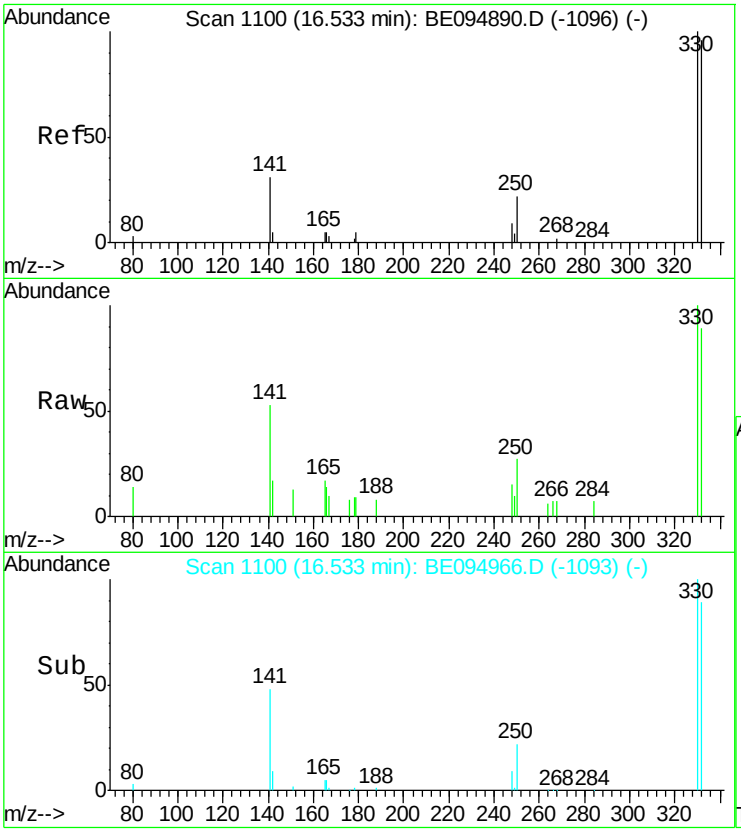


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:164 Resp: 9997

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.1	124.7
160	44.8	37.1	55.7



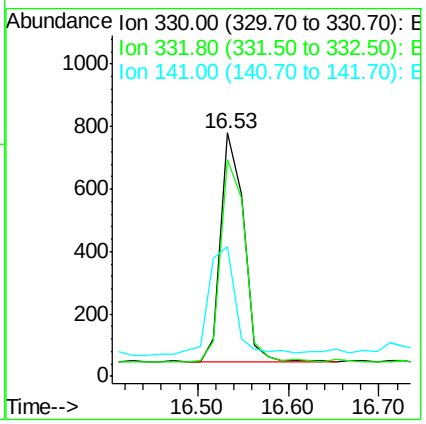


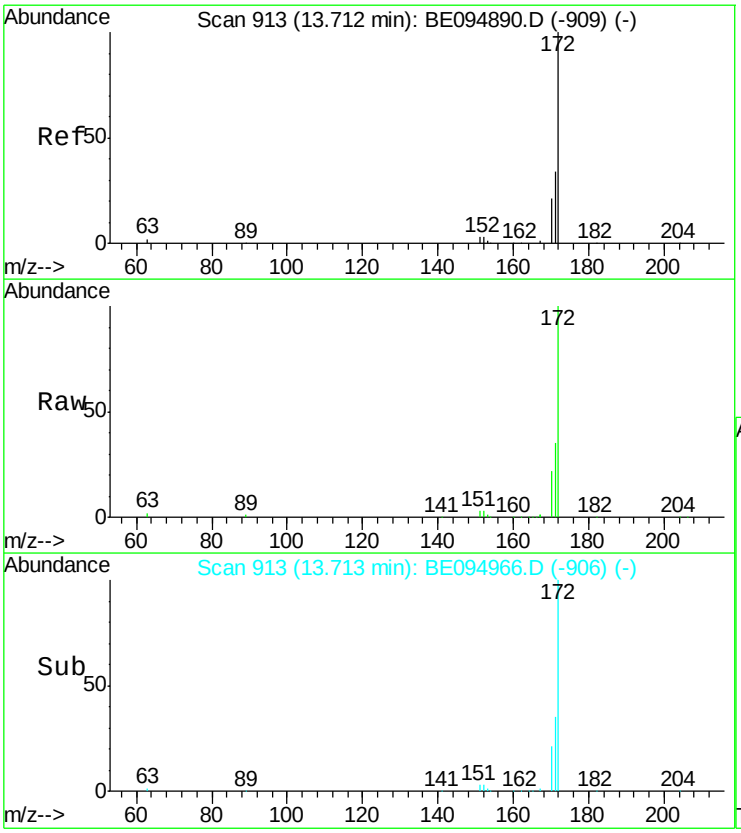
#14
2,4,6-Tribromophenol
Concen: 0.571 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1271

Ion	Ratio	Lower	Upper
330	100		
332	93.1	152.7	229.1#
141	56.2	33.7	50.5#

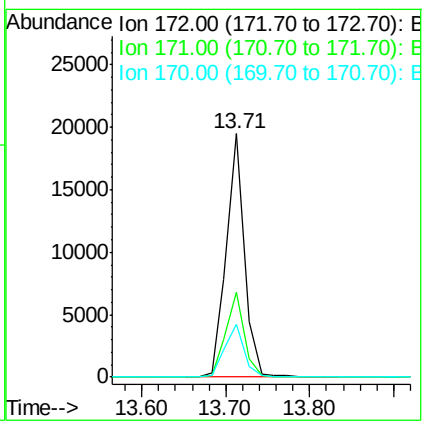


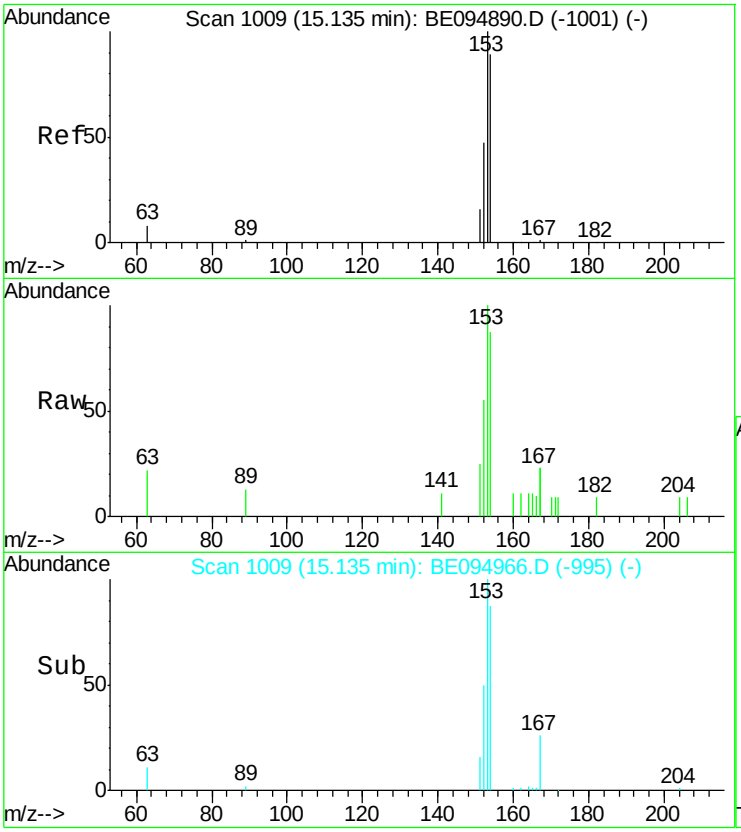


#15
2-Fluorobiphenyl
Concen: 0.669 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:172 Resp: 28646

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	21.6	21.8	32.8#



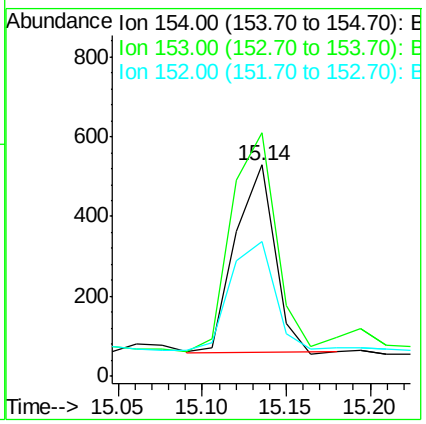


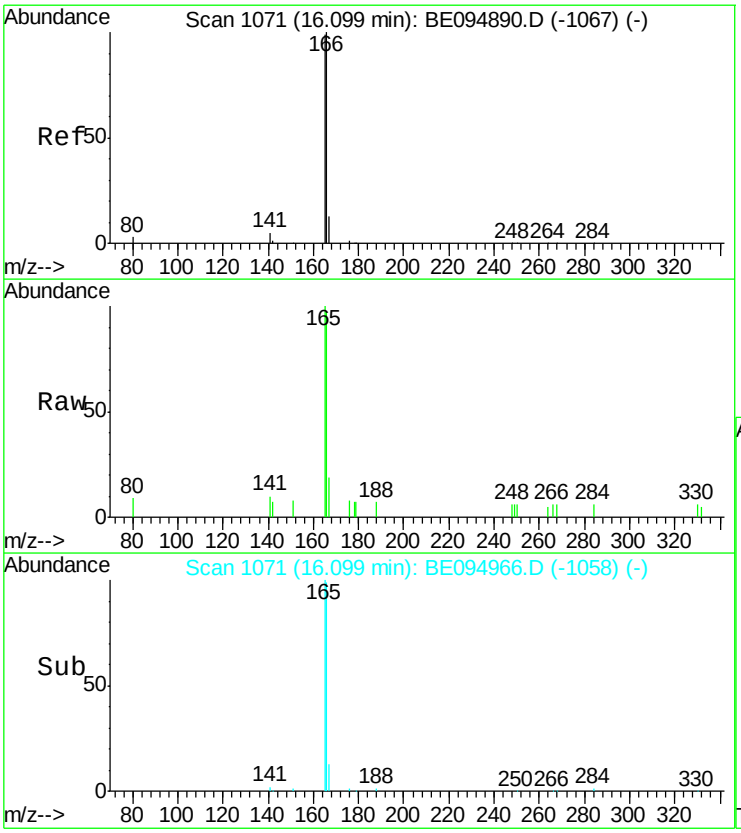
#17
Acenaphthene
Concen: 0.021 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 763

Ion	Ratio	Lower	Upper
154	100		
153	132.6	89.2	133.8
152	72.7	42.0	63.0#

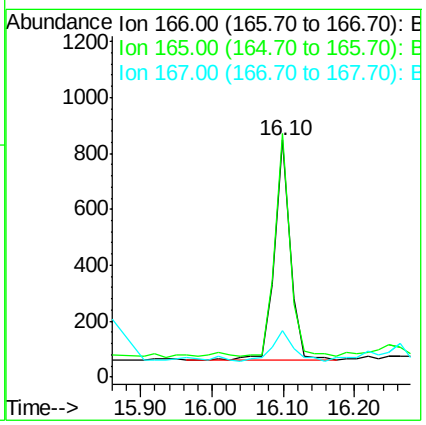


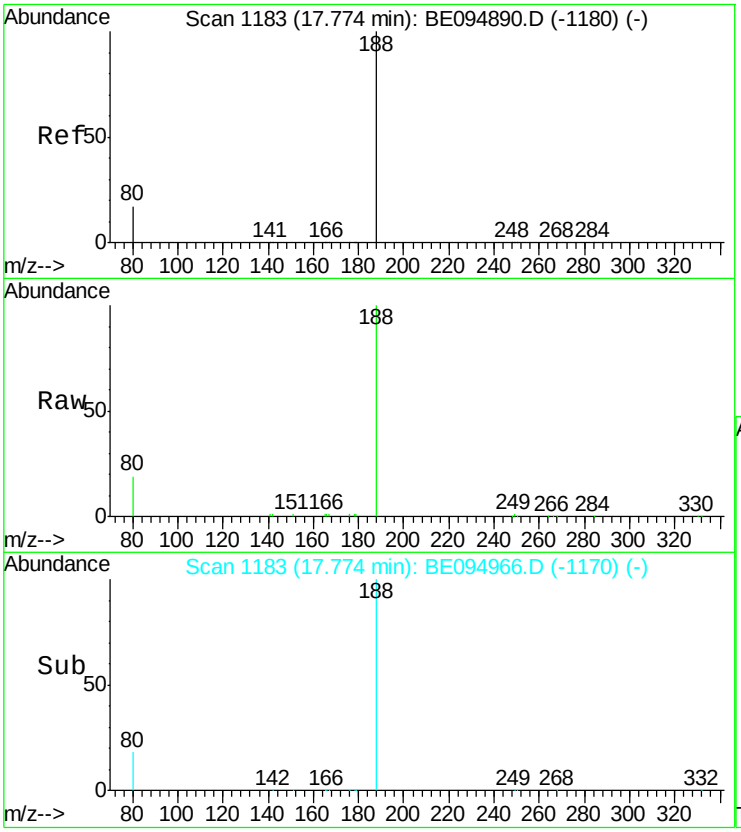


#18
Fluorene
Concen: 0.026 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:166 Resp: 1216

Ion	Ratio	Lower	Upper
166	100		
165	94.9	77.8	116.6
167	18.8	42.4	63.6#



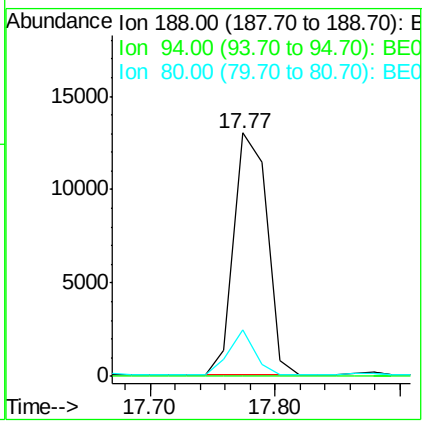


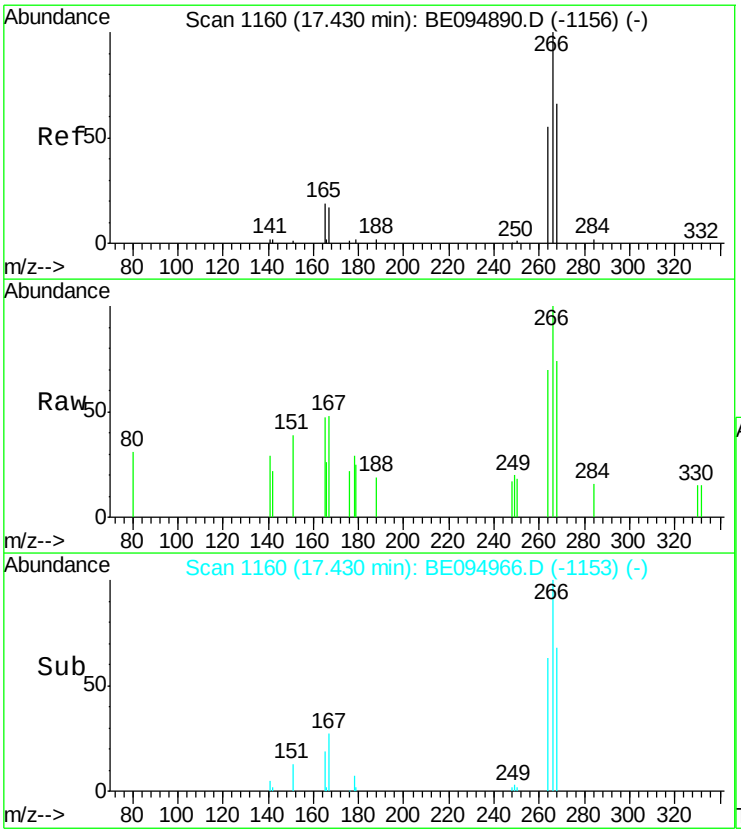
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23943

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	19.0	3.6	5.4#

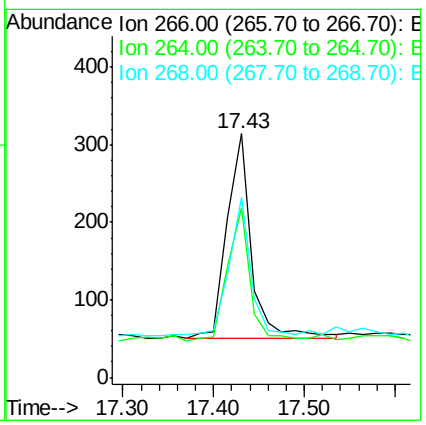


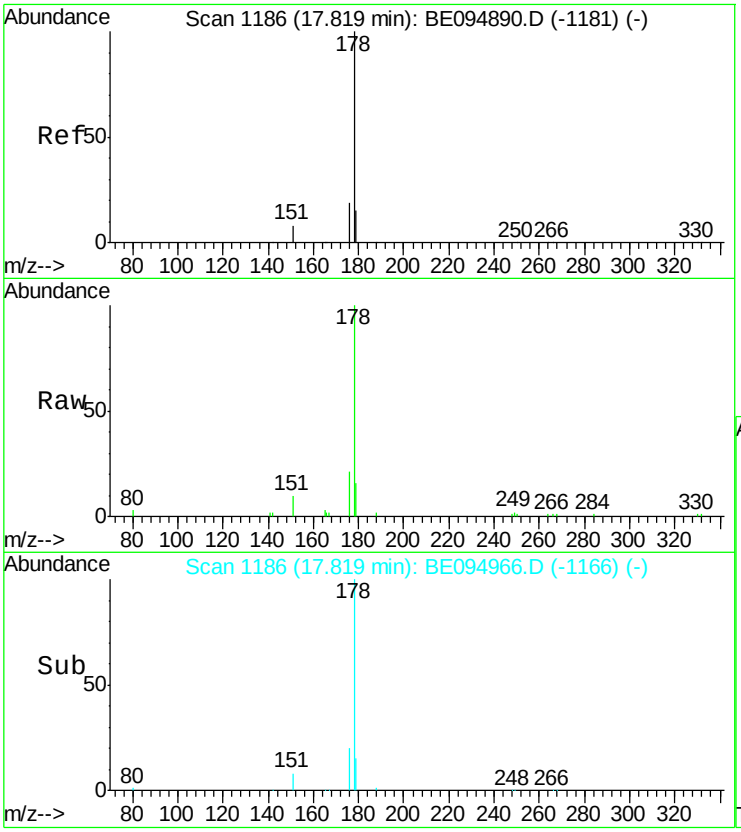


#22
Pentachlorophenol
Concen: 0.247 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:266 Resp: 489

Ion	Ratio	Lower	Upper
266	100		
264	69.7	72.5	108.7#
268	73.9	73.8	110.6



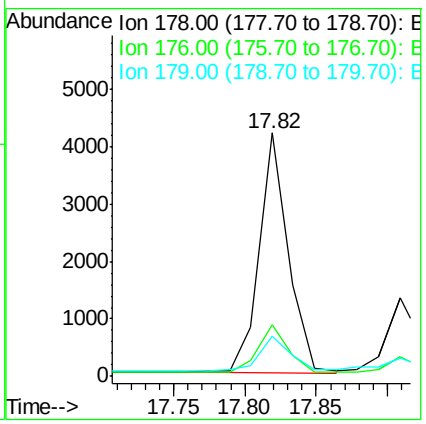


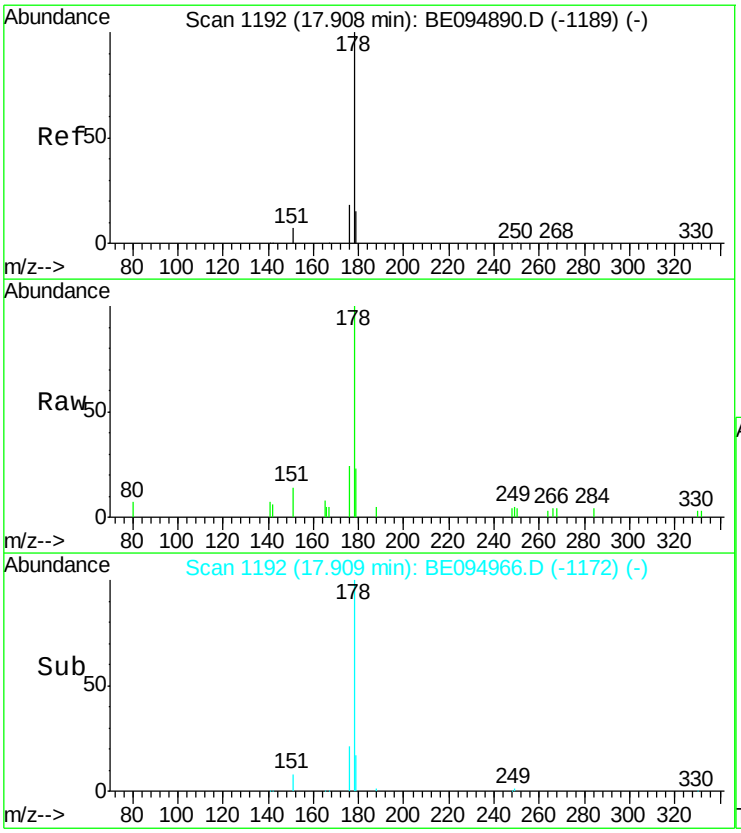
#23
Phenanthrene
Concen: 0.078 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5988

Ion	Ratio	Lower	Upper
178	100		
176	22.5	15.1	22.7
179	17.3	11.8	17.6

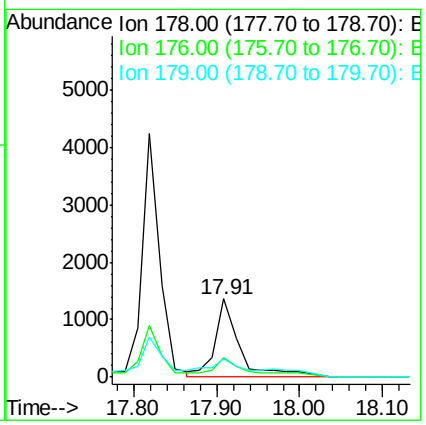


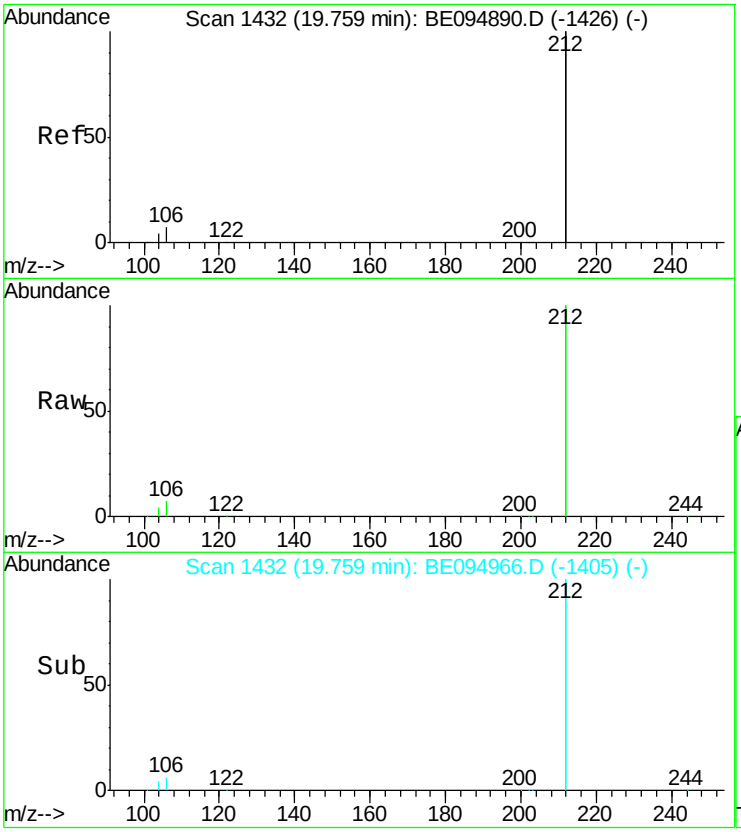


#24
Anthracene
Concen: 0.037 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:178 Resp: 3005

Ion	Ratio	Lower	Upper
178	100		
176	34.2	12.8	19.2#
179	47.0	13.0	19.6#



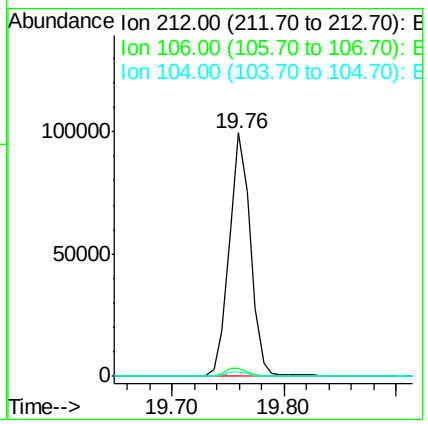


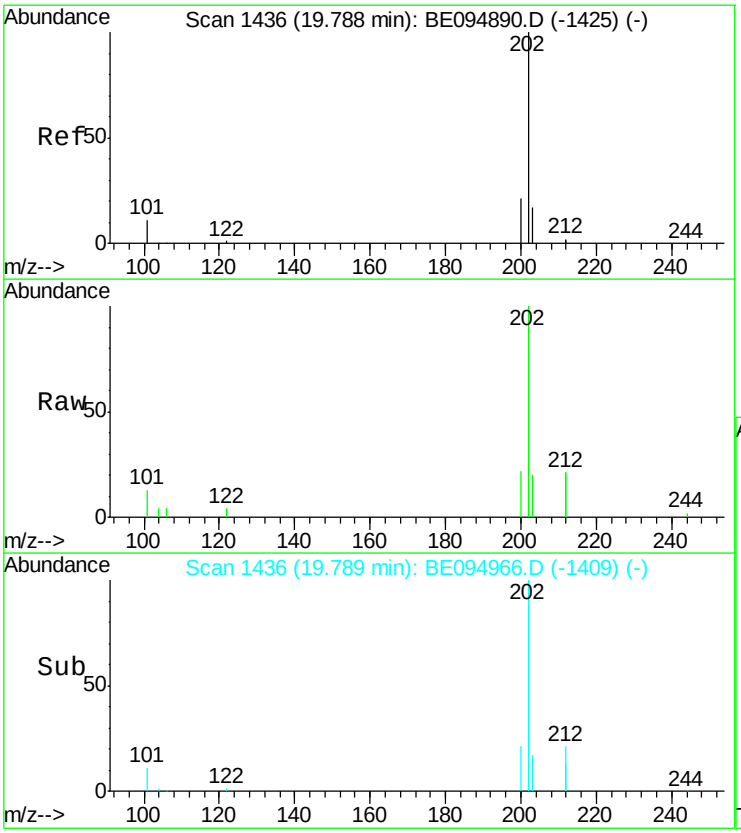
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 129144

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

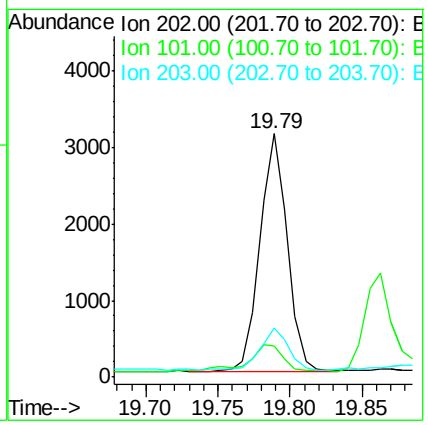


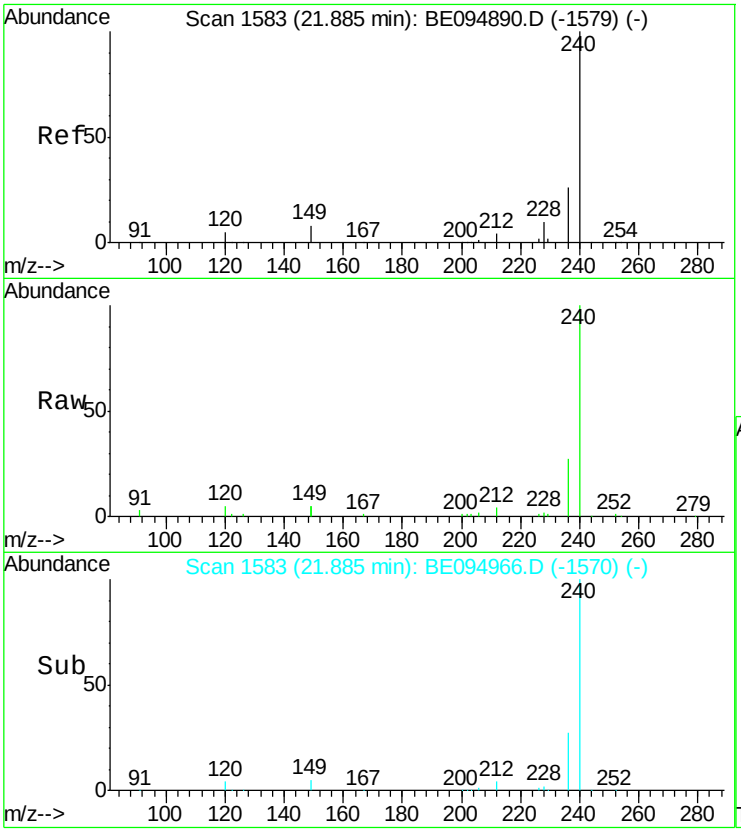


#26
Fluoranthene
Concen: 0.042 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:202 Resp: 4126

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
203	18.1	13.7	20.5



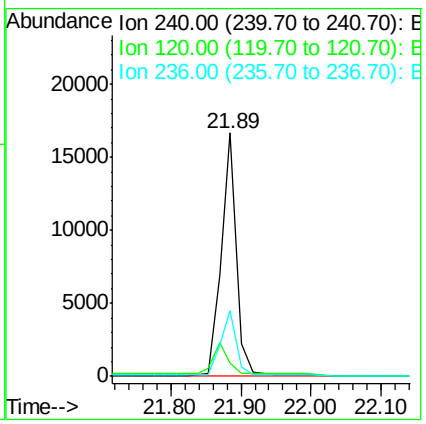


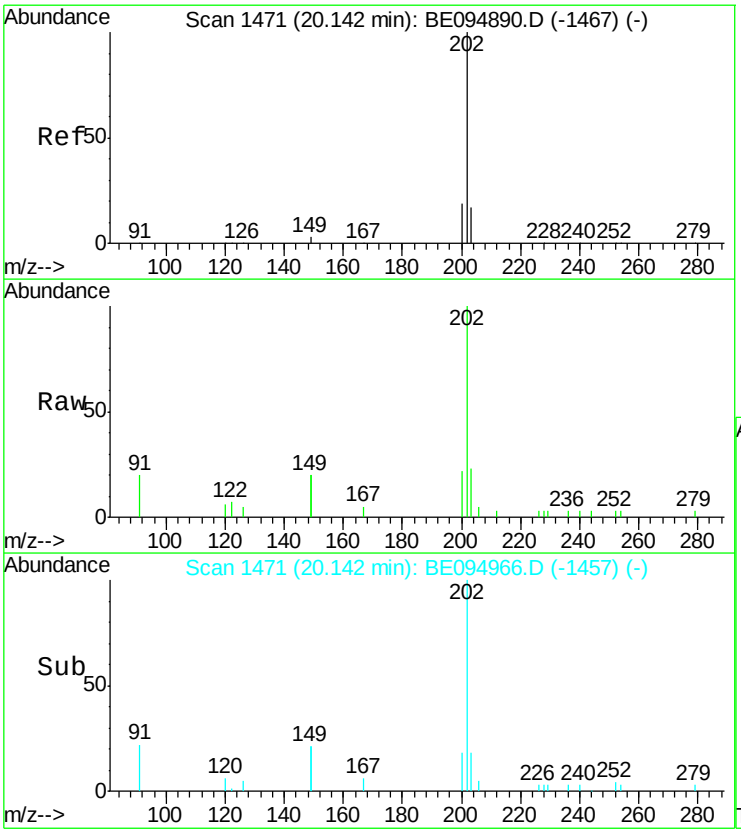
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 26438

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

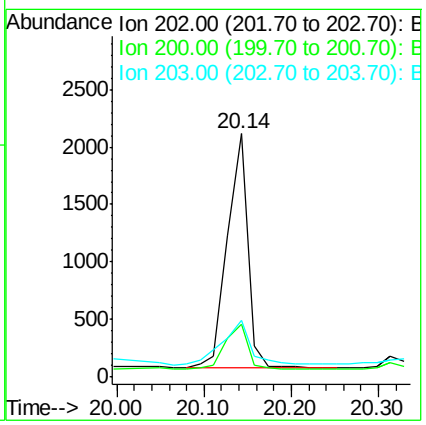


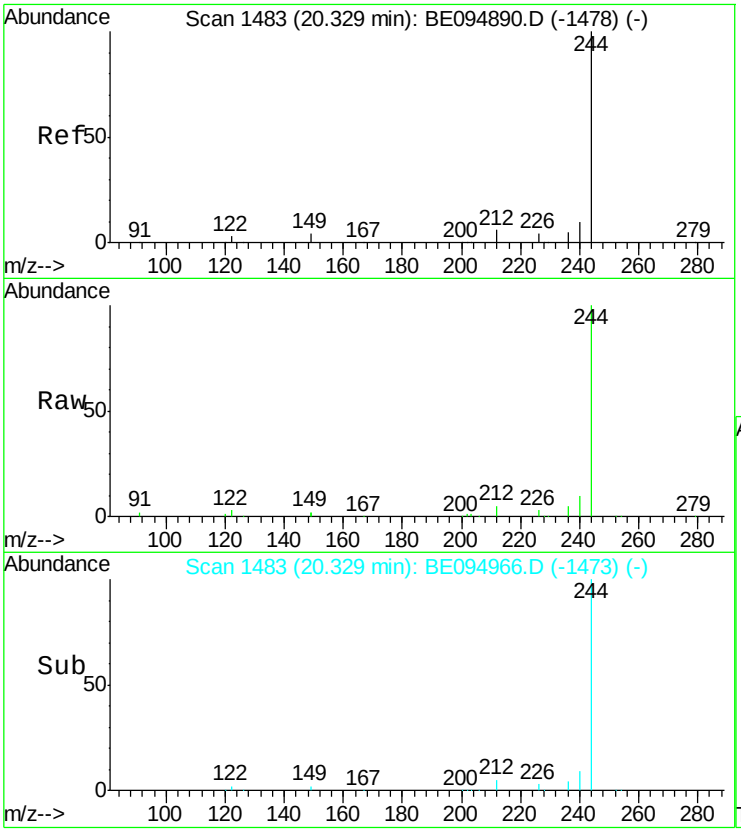


#28
Pyrene
Concen: 0.036 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:202 Resp: 3309

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	26.4	13.8	20.8#



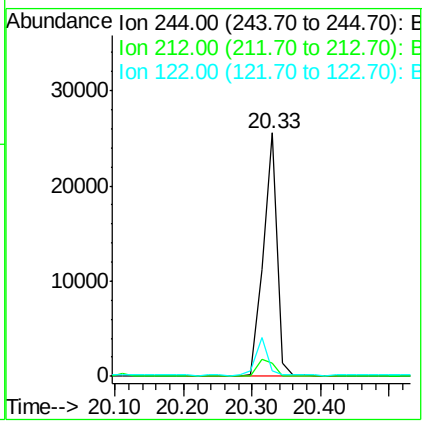


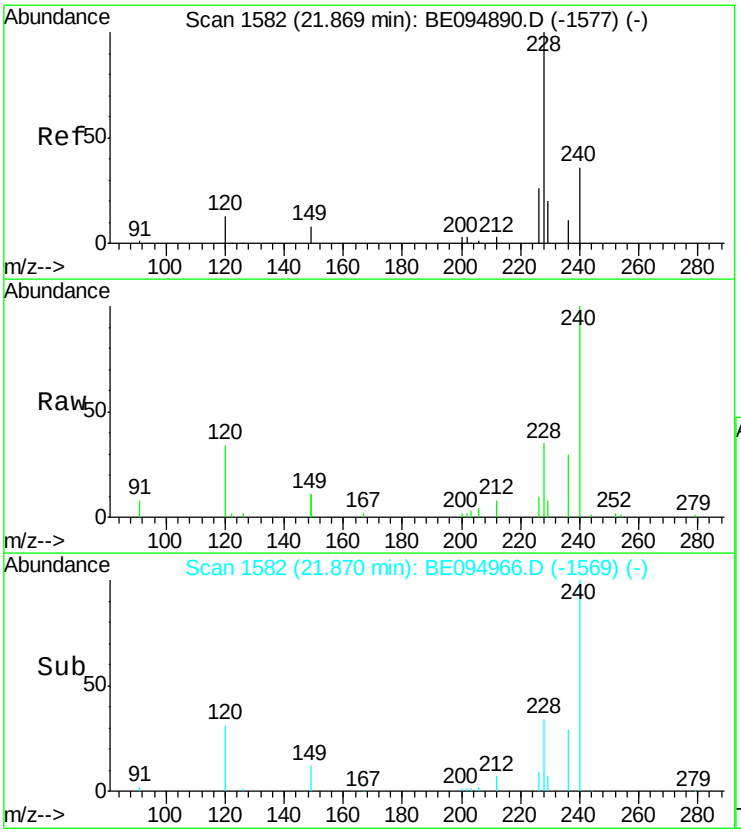
#29
Terphenyl-d14
Concen: 0.734 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 35860

Ion	Ratio	Lower	Upper
244	100		
212	5.4	25.4	38.0#
122	2.5	8.1	12.1#

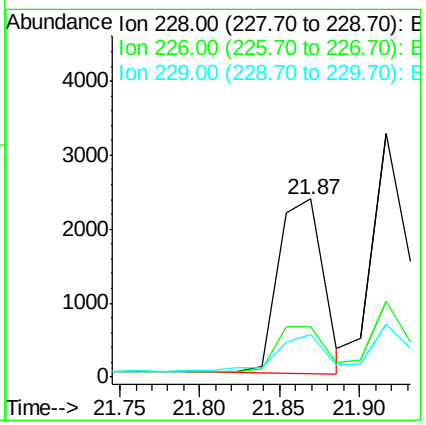


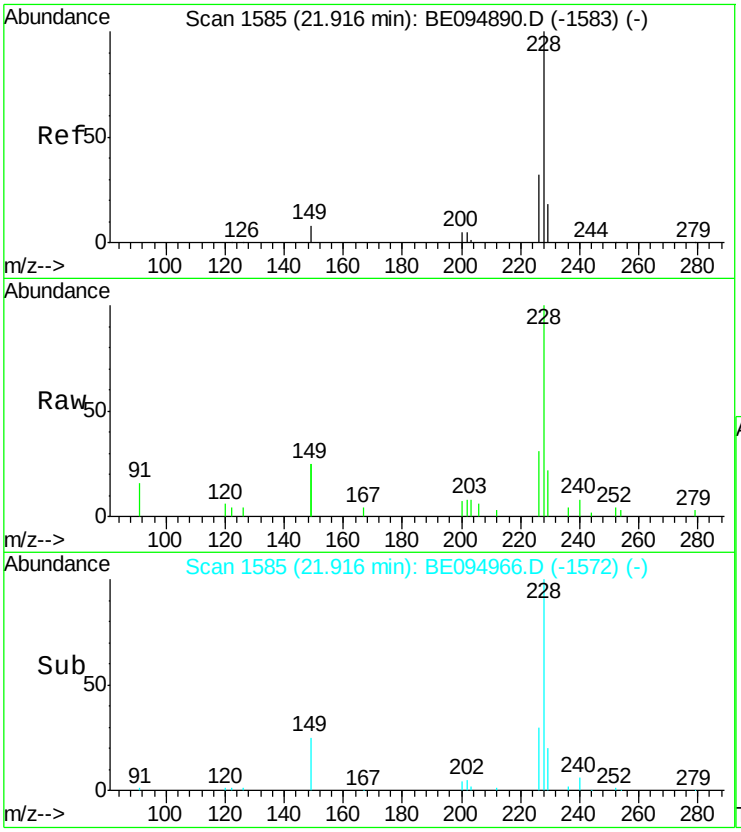


#30
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:228 Resp: 4647

Ion	Ratio	Lower	Upper
228	100		
226	28.4	40.0	60.0#
229	24.0	40.0	60.0#



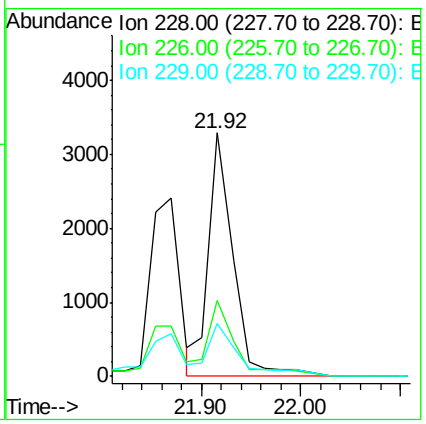


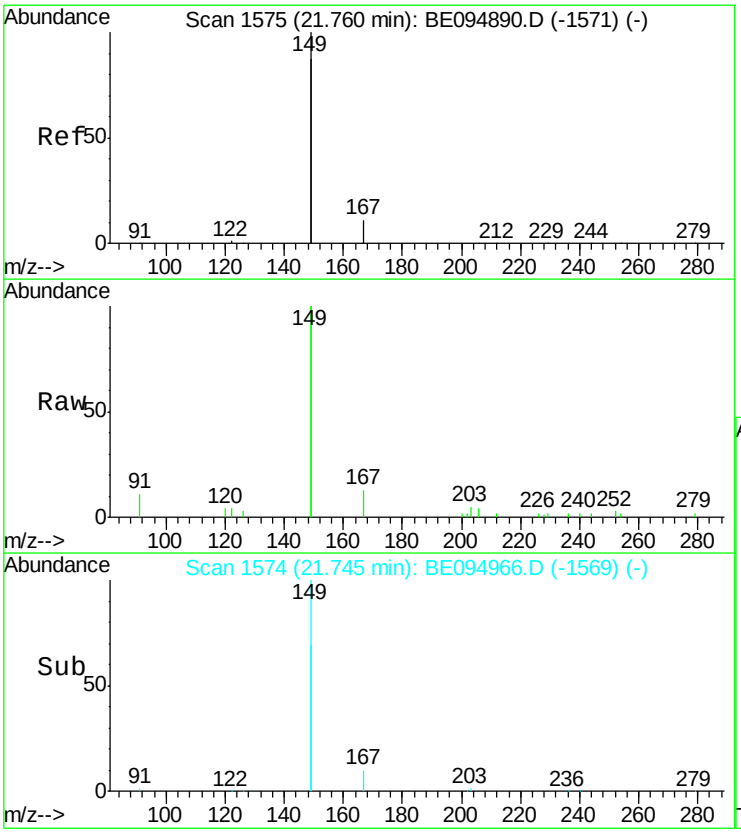
#31
Chrysene
Concen: 0.065 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5860

Ion	Ratio	Lower	Upper
228	100		
226	31.4	40.0	60.0#
229	21.6	40.0	60.0#

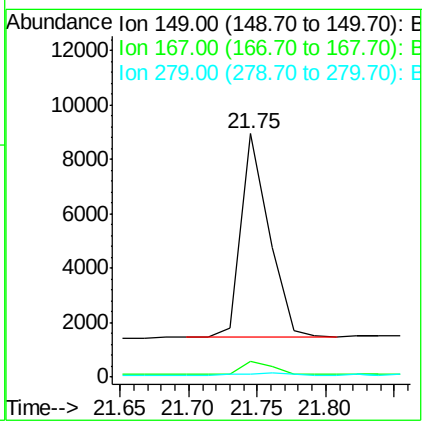


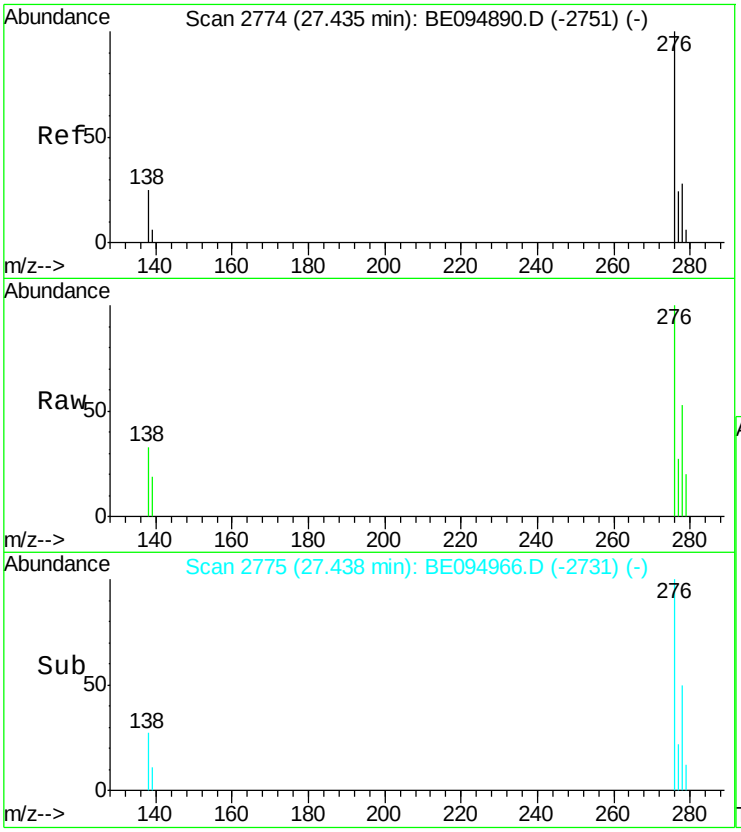


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:149 Resp: 10712

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1



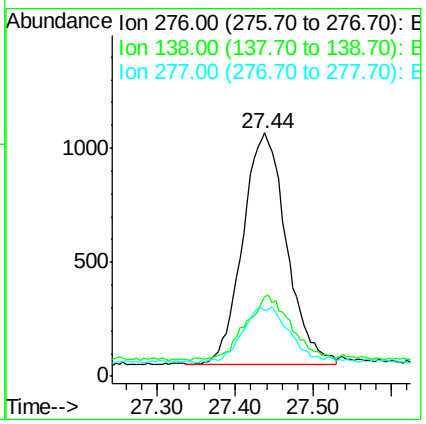


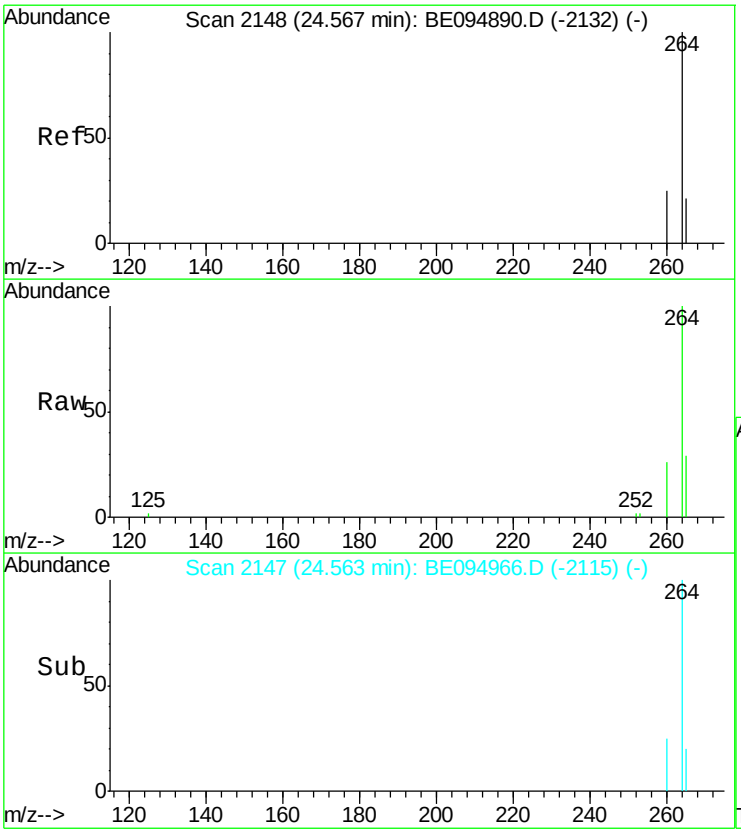
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3978

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.5	33.7
277	25.4	19.9	29.9

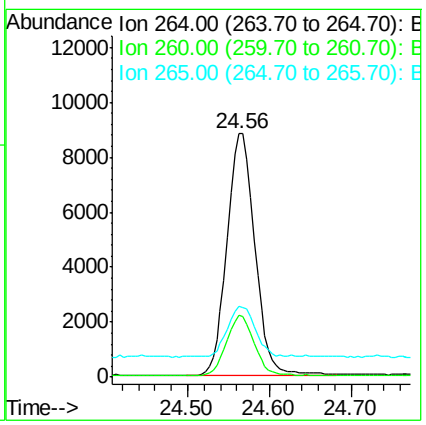


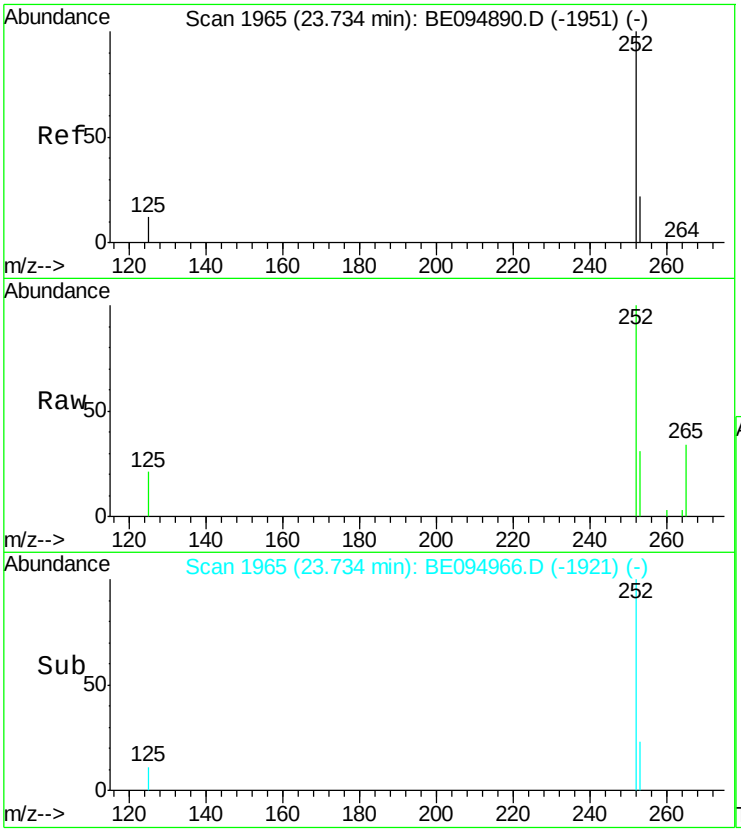


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:264 Resp: 20757

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	29.0	22.8	34.2



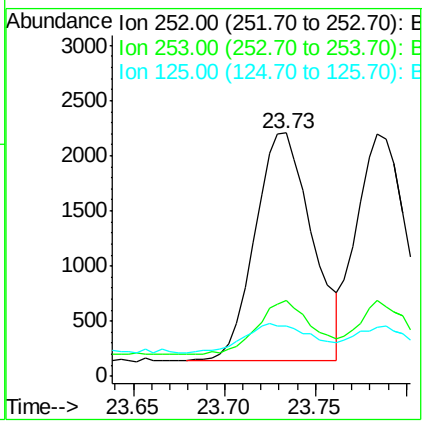


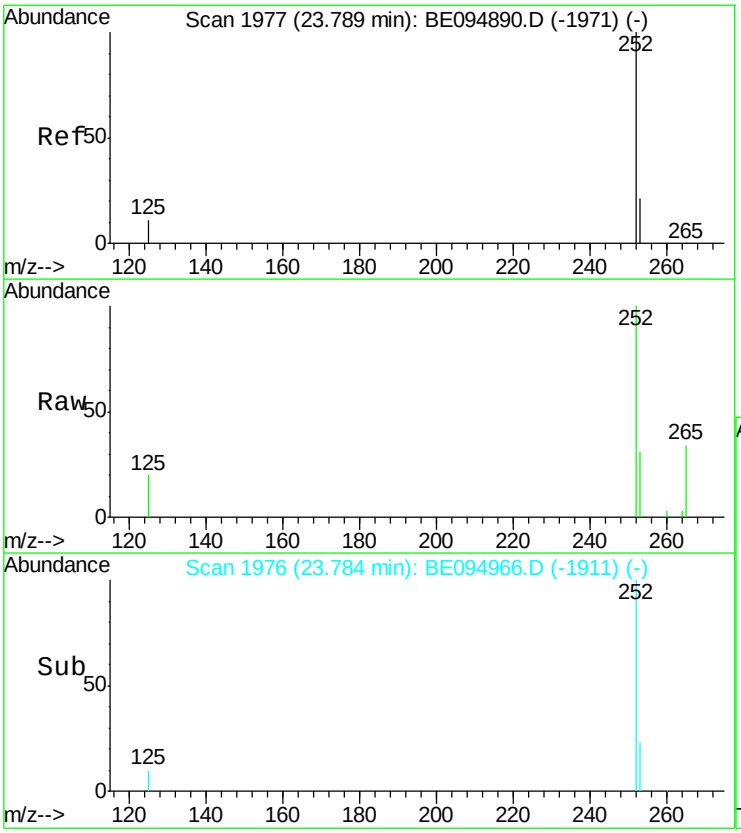
#35
Benzo(b)fluoranthene
Concen: 0.060 ng
RT: 23.73 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4533

Ion	Ratio	Lower	Upper
252	100		
253	31.4	48.0	72.0#
125	20.8	56.0	84.0#

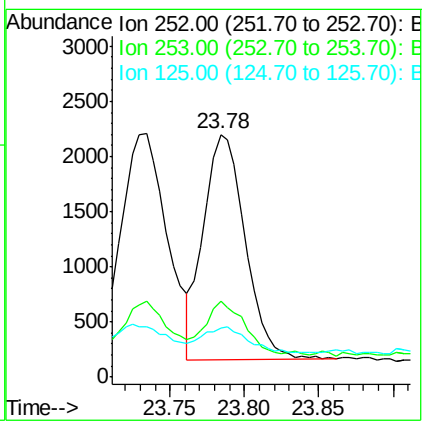


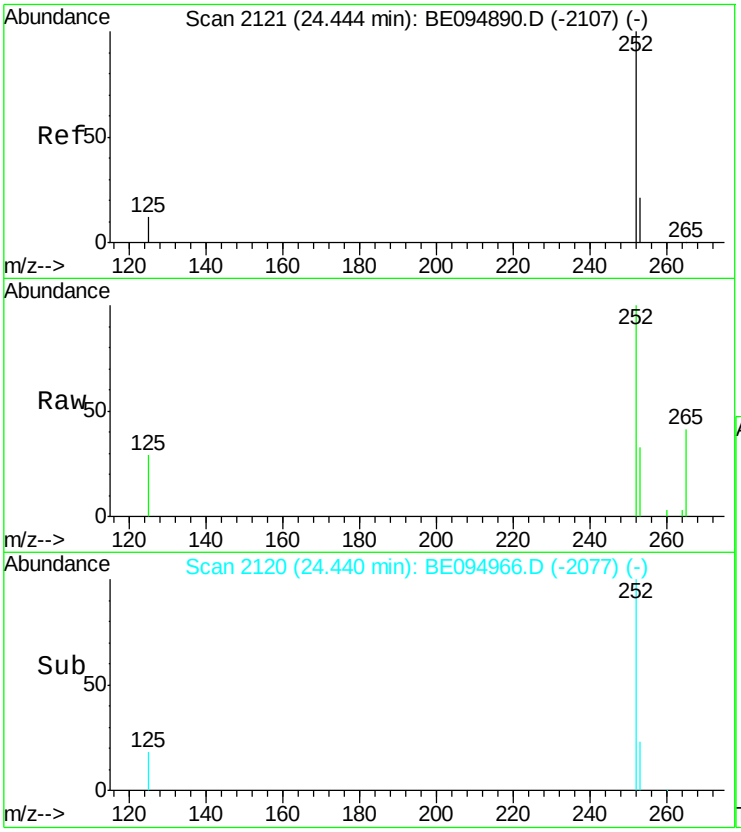


#36
Benzo(k)fluoranthene
Concen: 0.052 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:252 Resp: 3999

Ion	Ratio	Lower	Upper
252	100		
253	31.2	48.0	72.0#
125	20.4	56.0	84.0#



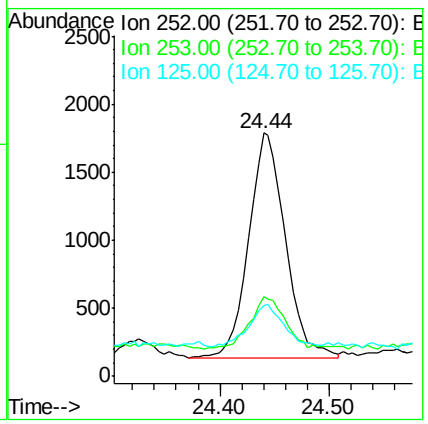


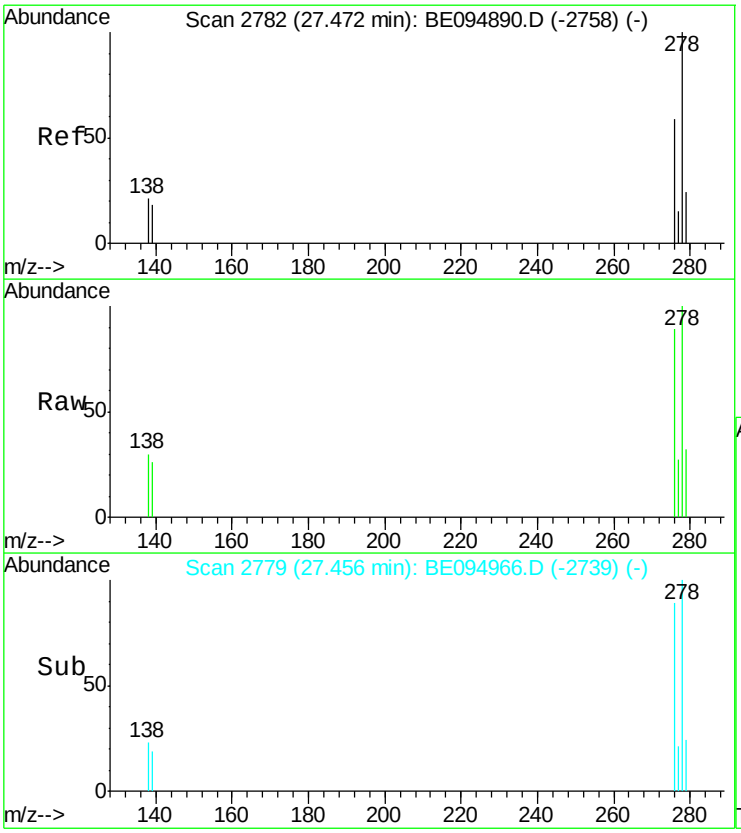
#37
Benzo(a)pyrene
Concen: 0.058 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3836

Ion	Ratio	Lower	Upper
252	100		
253	32.8	52.0	78.0#
125	28.9	68.0	102.0#

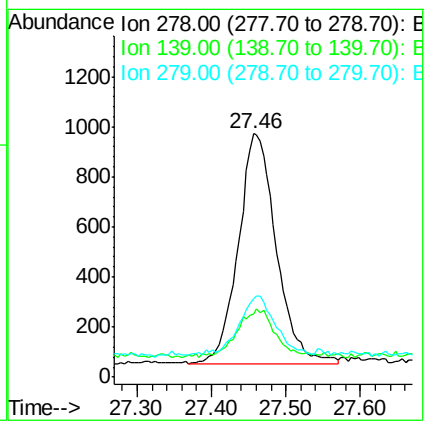


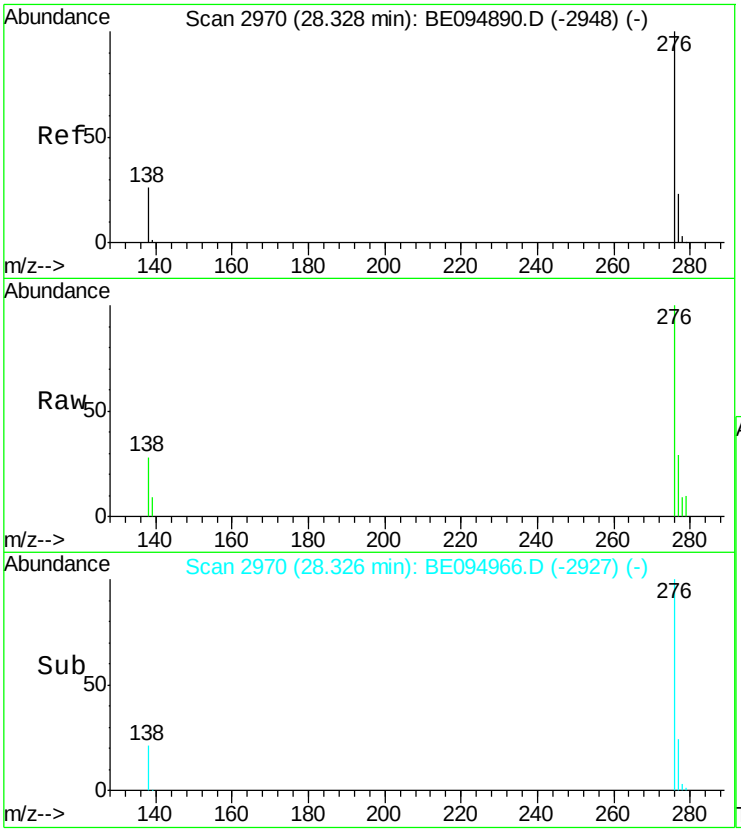


#38
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.02 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Tgt Ion:278 Resp: 3270

Ion	Ratio	Lower	Upper
278	100		
139	25.9	56.0	84.0#
279	32.2	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 28.33 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE094966.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3506

Ion	Ratio	Lower	Upper
276	100		
277	29.0	52.0	78.0#
138	27.7	44.0	66.0#