Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094960.D
Acq On : 8 Dec 2017 21:55
Operator : SJ/JU
Sample : I6740-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 09 00:29:13 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	3619	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	7633	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	4223	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	9841	0.40	ng		0.00
27) Chrysene-d12	21.89	240	11757	0.40	ng		0.00
34) Perylene-d12	24.57	264	9213	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1898	0.33	ng		0.00
5) Phenol-d6	7.60	99	1977	0.23	ng		0.00
8) Nitrobenzene-d5	9.66	82	5480	1.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	9771	0.80	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	863	0.85	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	24586	1.36	ng		0.00
25) Fluoranthene-d10	19.76	212	108476	0.81	ng		0.00
29) Terphenyl-d14	20.33	244	26188	1.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	149	0.039	ng	#	16
18) Fluorene	16.10	166	669	0.034	ng	#	82
22) Pentachlorophenol	17.43	266	50	0.162	ng		91
23) Phenanthrene	17.82	178	6139	0.196	ng		98
24) Anthracene	17.91	178	1914	0.058	ng	#	87
26) Fluoranthene	19.79	202	4986	0.124	ng		97
28) Pyrene	20.14	202	3563	0.088	ng	#	94
30) Benzo(a)anthracene	21.87	228	4919	0.136	ng	#	66
31) Chrysene	21.92	228	6336	0.159	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.75	149	6837	0.114	ng		99
33) Indeno(1,2,3-cd)pyrene	27.44	276	4535	0.139	ng	#	86
35) Benzo(b)fluoranthene	23.73	252	5092	0.151	ng	#	49
36) Benzo(k)fluoranthene	23.79	252	4600	0.134	ng	#	47
37) Benzo(a)pyrene	24.44	252	3877	0.131	ng	#	47
38) Dibenzo(a,h)anthracene	27.46	278	3742	0.137	ng	#	51
39) Benzo(g,h,i)perylene	28.33	276	4043	0.149	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 : BE094960.D
Acq On : 8 Dec 2017 21:55
Operator : SJ/JU
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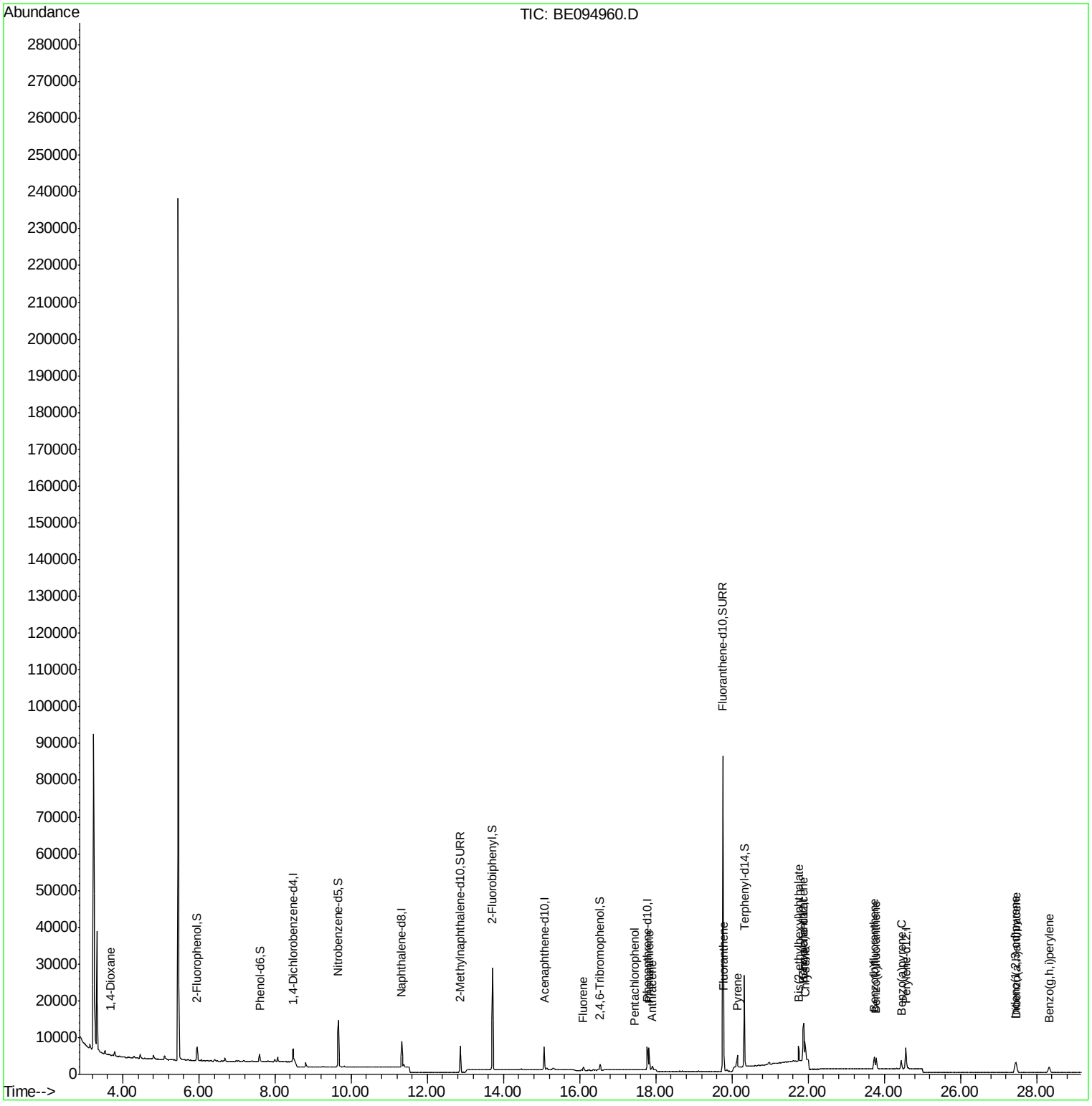
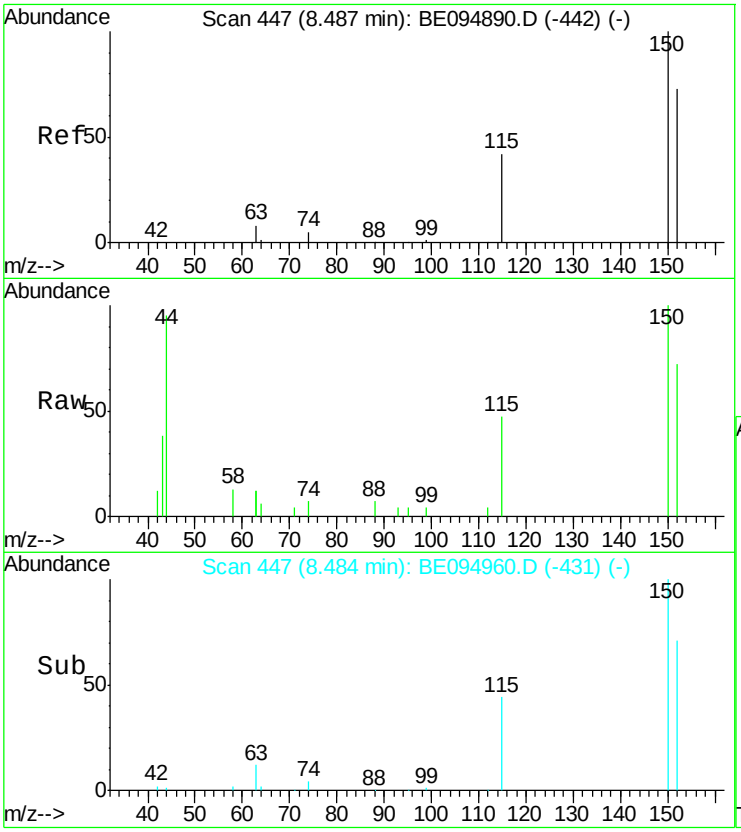
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 09 00:29:13 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



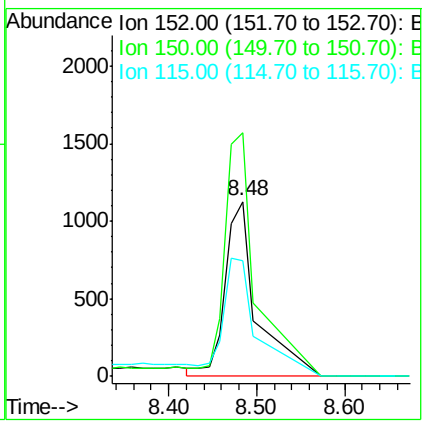


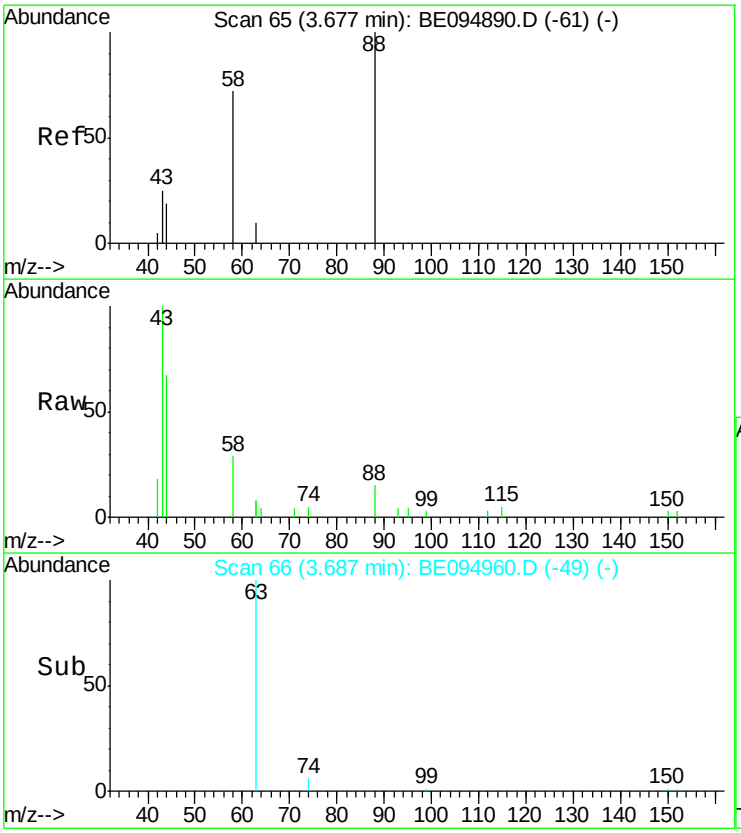
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3619

Ion	Ratio	Lower	Upper
152	100		
150	139.3	117.2	175.8
115	66.1	57.0	85.6

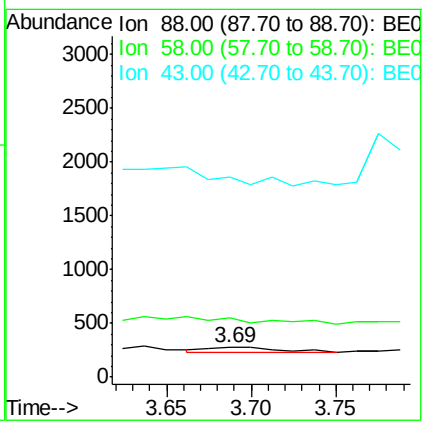


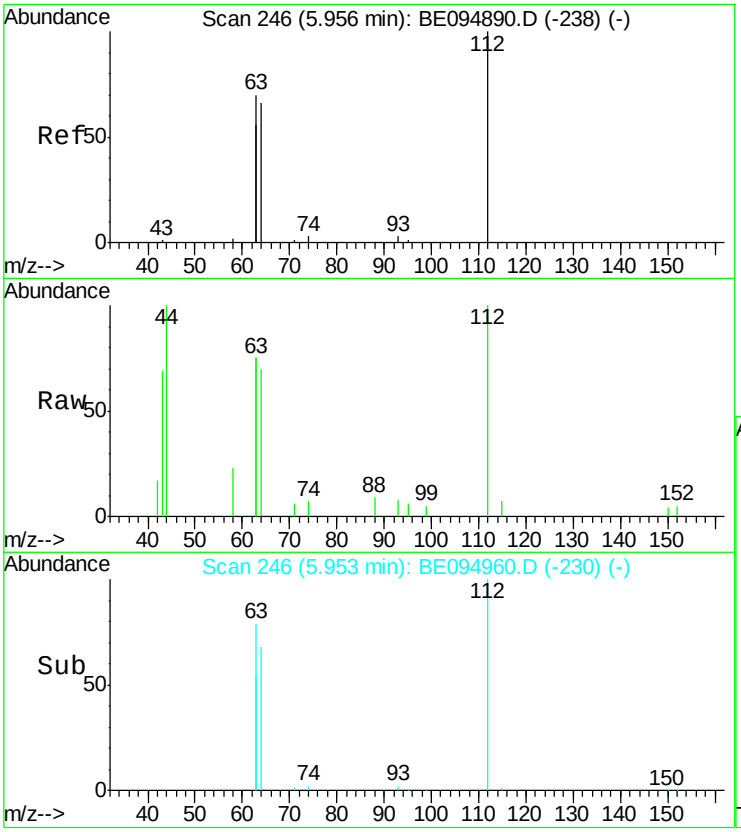


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 3.69 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion: 88 Resp: 149

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



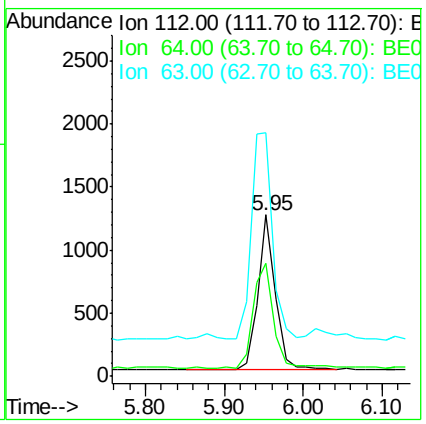


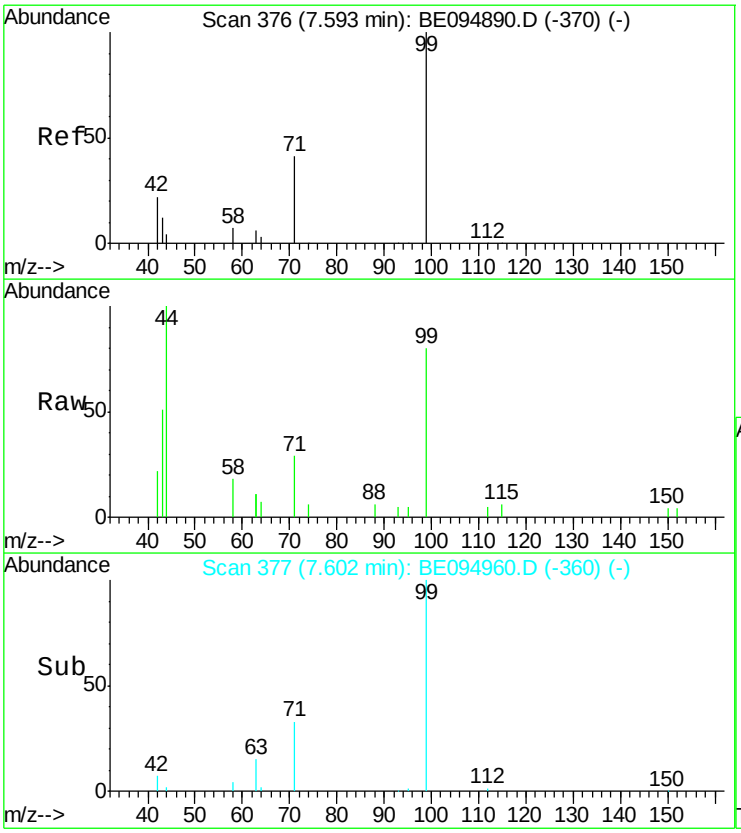
#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1898

Ion	Ratio	Lower	Upper
112	100		
64	80.6	60.1	90.1
63	161.3	116.8	175.2

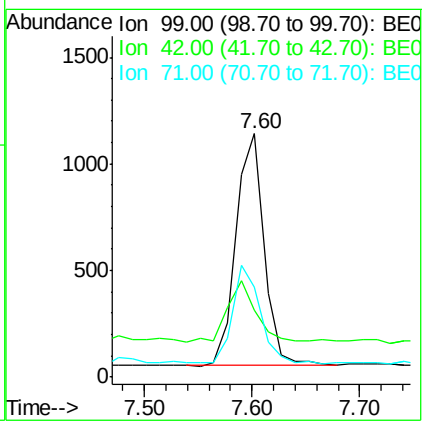


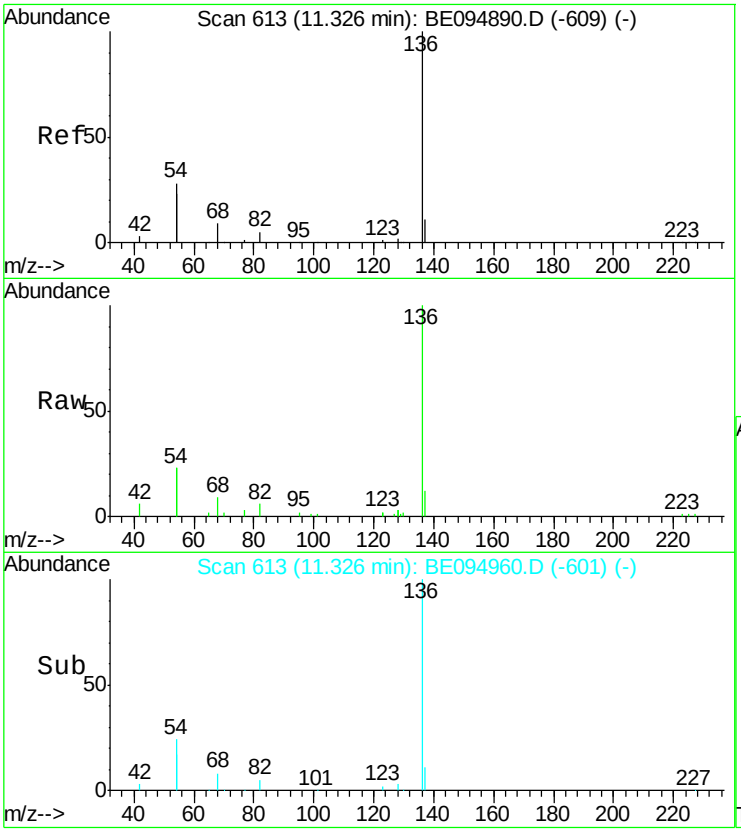


#5
Phenol-d6
Concen: 0.233 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion: 99 Resp: 1977

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.2	30.2
71	42.6	28.4	42.6#



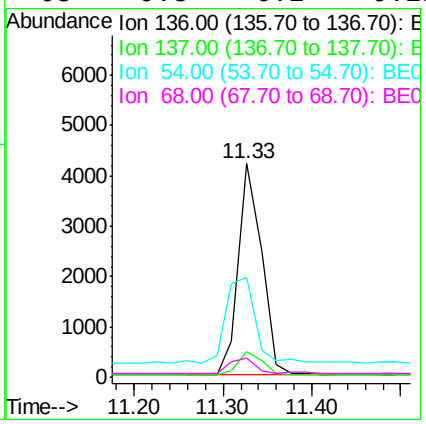


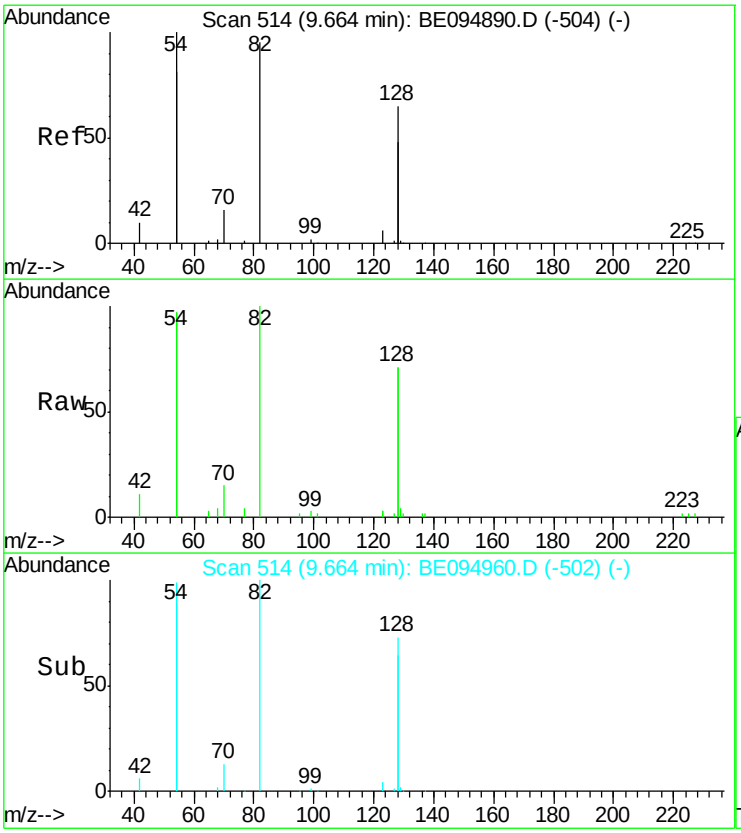
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7633

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	46.5	29.1	43.7#
68	9.3	6.2	9.2#

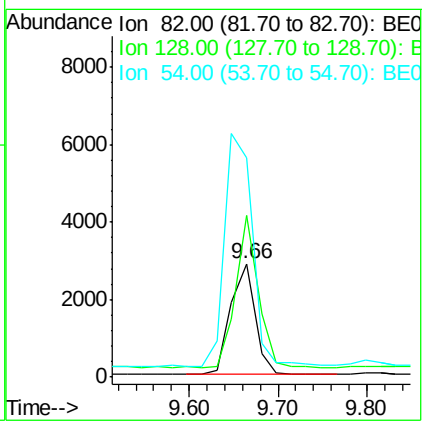


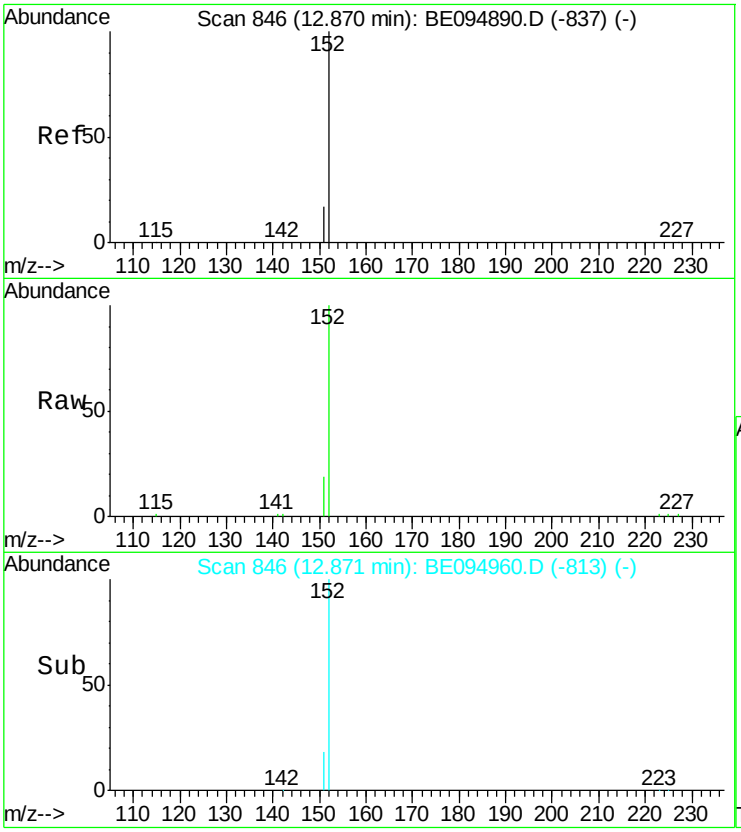


#8
Nitrobenzene-d5
Concen: 1.213 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion: 82 Resp: 5480

Ion	Ratio	Lower	Upper
82	100		
128	142.4	150.0	225.0#
54	193.8	154.2	231.4



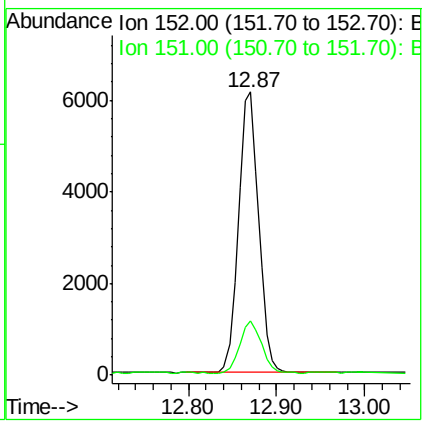


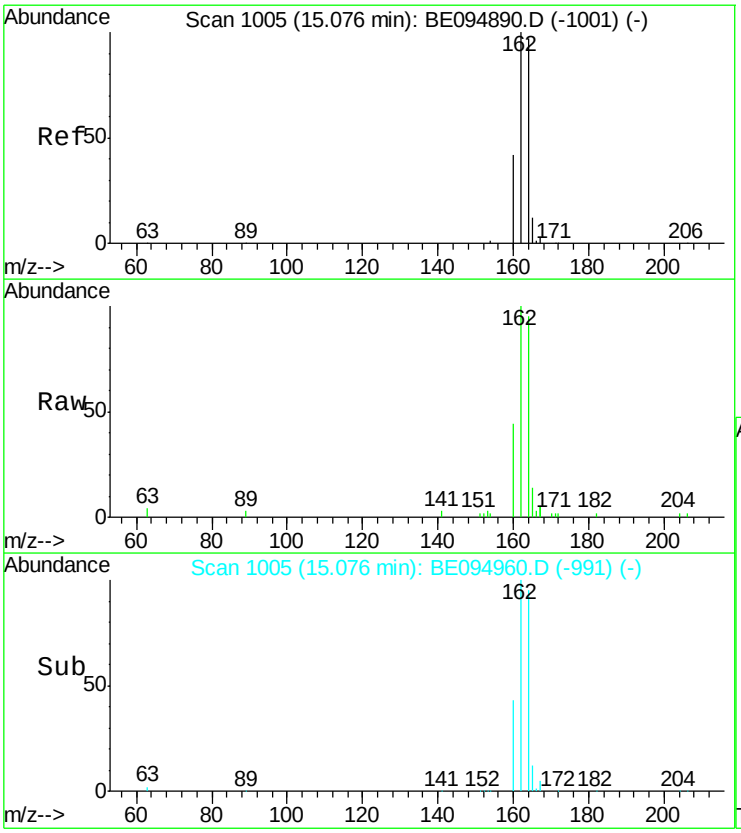
#11
2-Methylnaphthalene-d10
Concen: 0.802 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9771

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

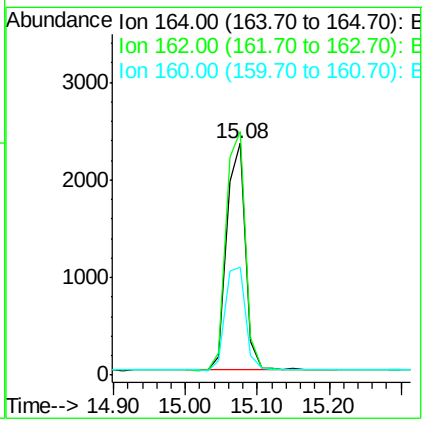


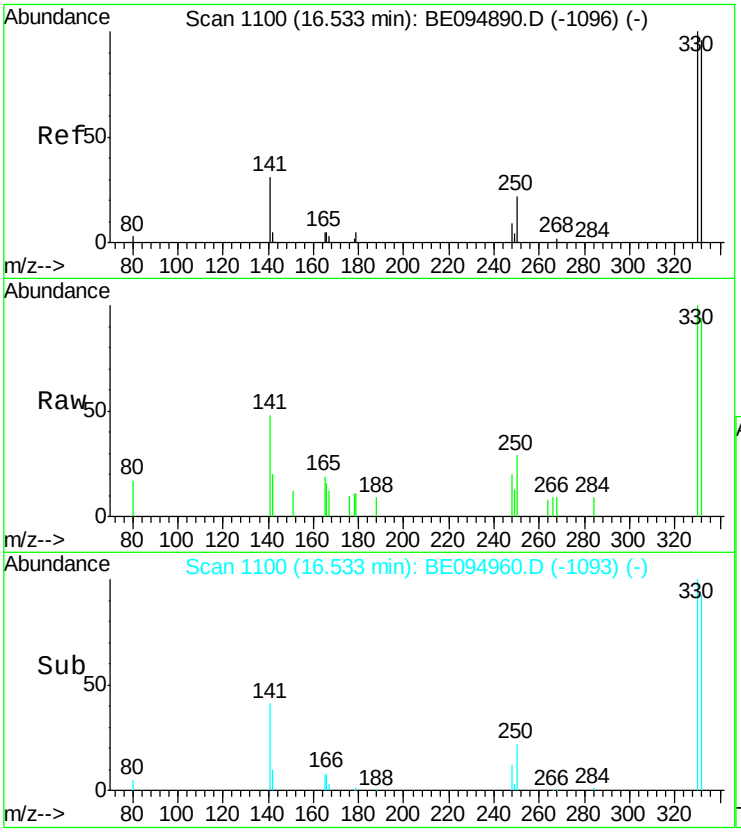


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:164 Resp: 4223

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	46.6	37.1	55.7



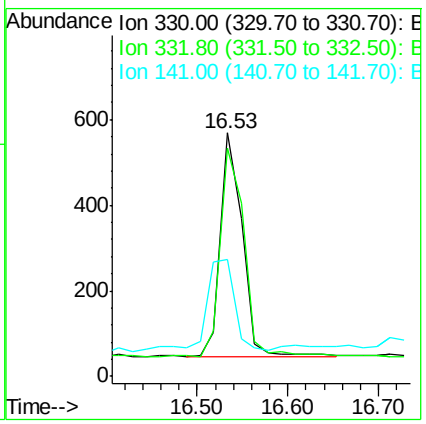


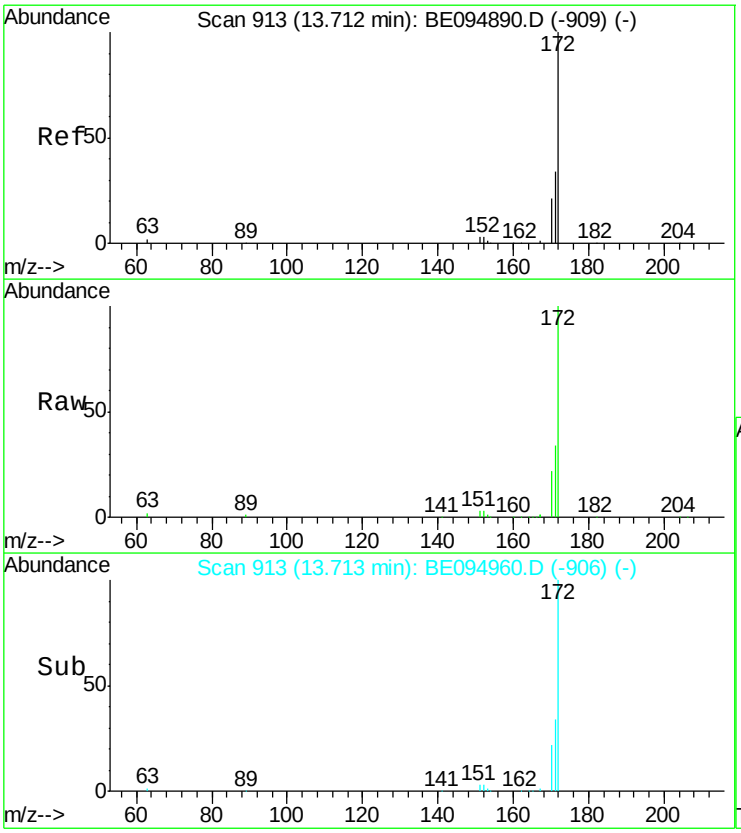
#14
2,4,6-Tribromophenol
Concen: 0.850 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 863

Ion	Ratio	Lower	Upper
330	100		
332	102.8	152.7	229.1#
141	49.6	33.7	50.5

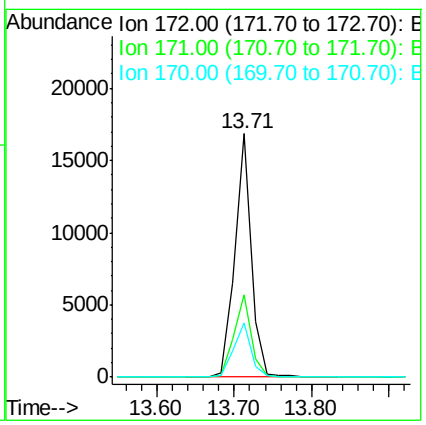


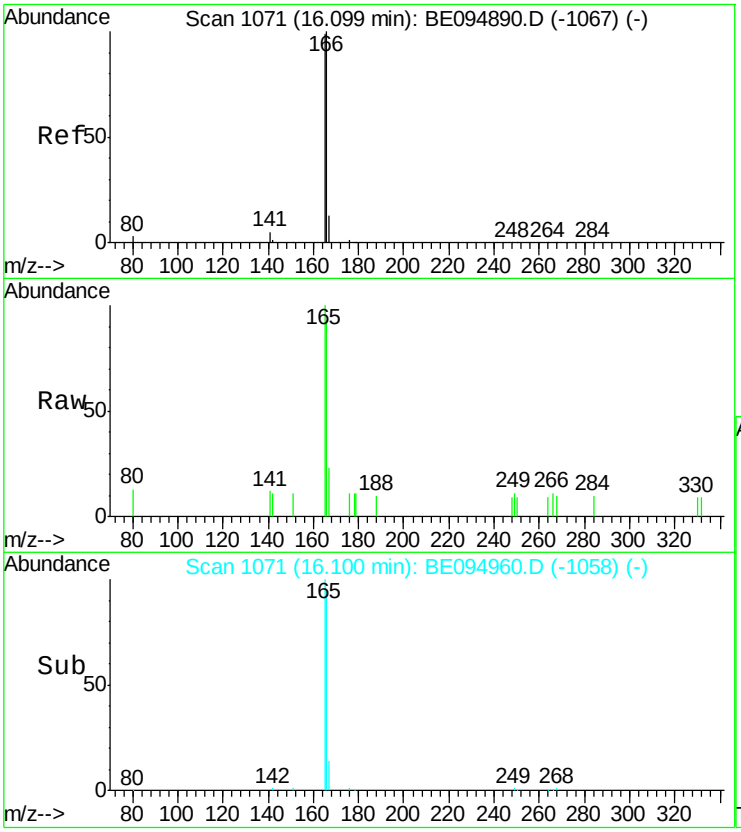


#15
2-Fluorobiphenyl
Concen: 1.359 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:172 Resp: 24586

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	22.1	21.8	32.8



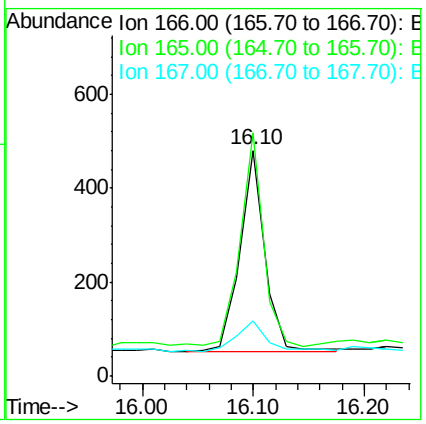


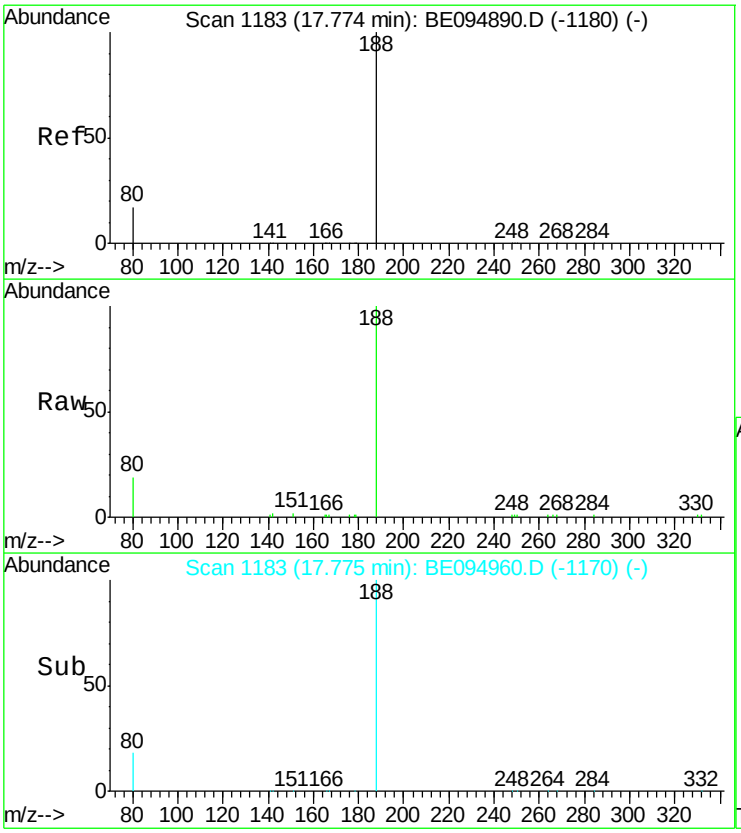
#18
Fluorene
Concen: 0.034 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 669

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	17.8	42.4	63.6#

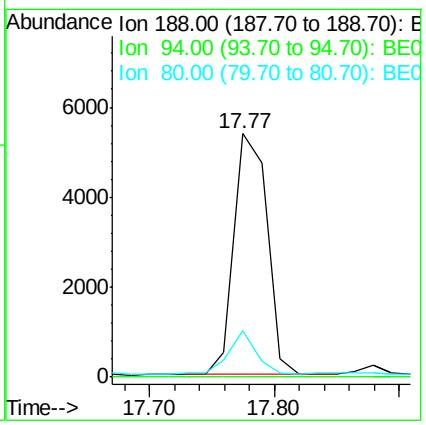


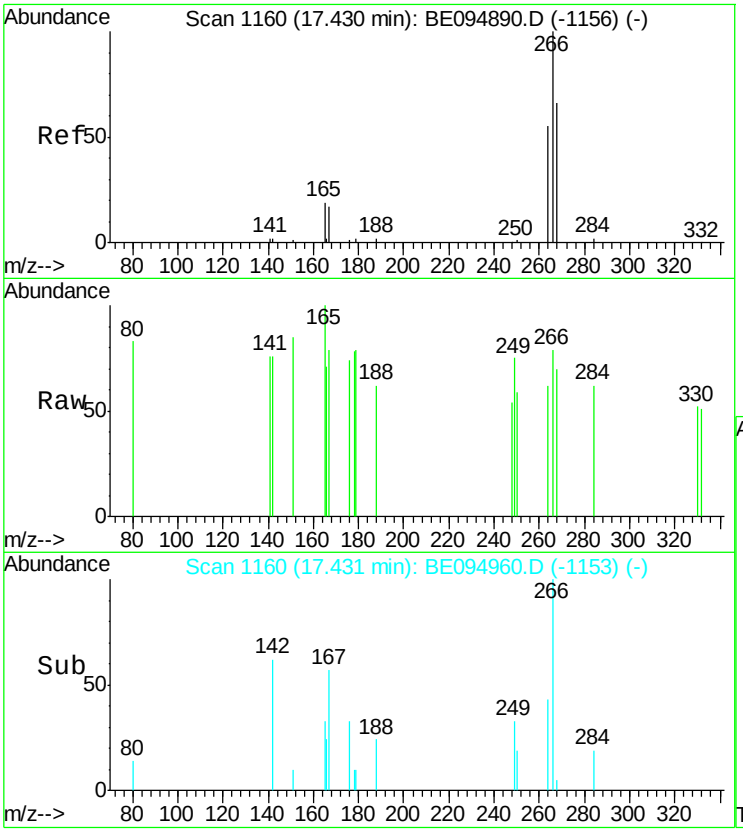


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:188 Resp: 9841

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	19.2	3.6	5.4#



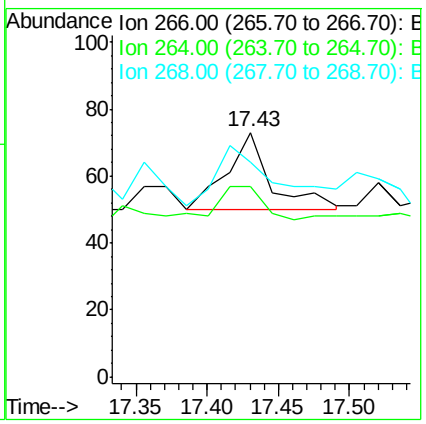


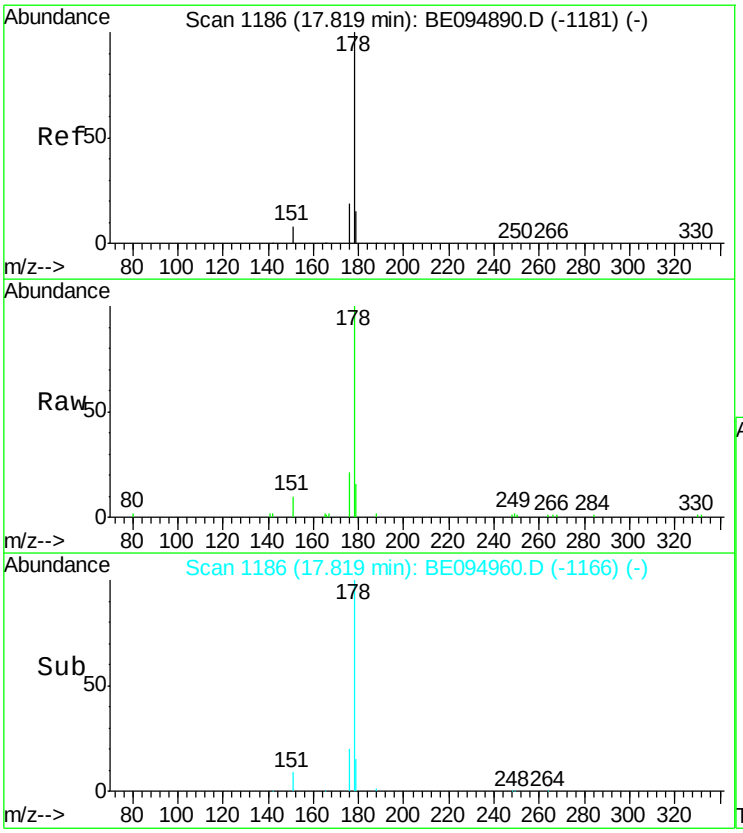
#22
Pentachlorophenol
Concen: 0.162 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	78.1	72.5	108.7
268	87.7	73.8	110.6

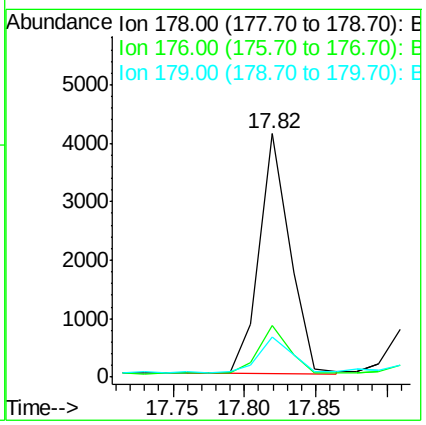


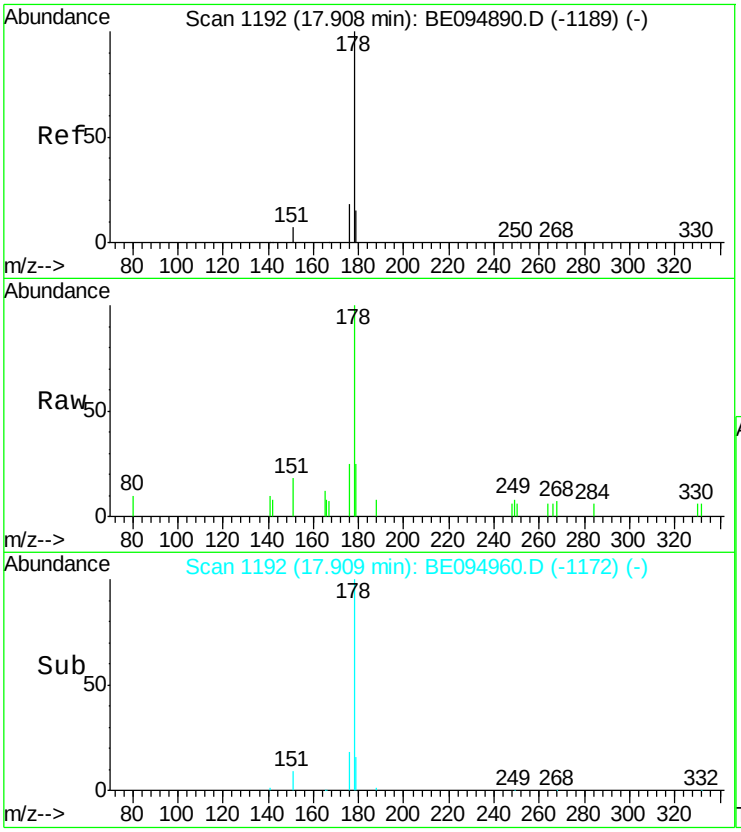


#23
Phenanthrene
Concen: 0.196 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:178 Resp: 6139

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6



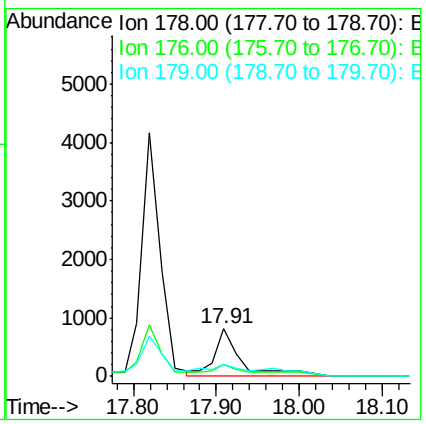


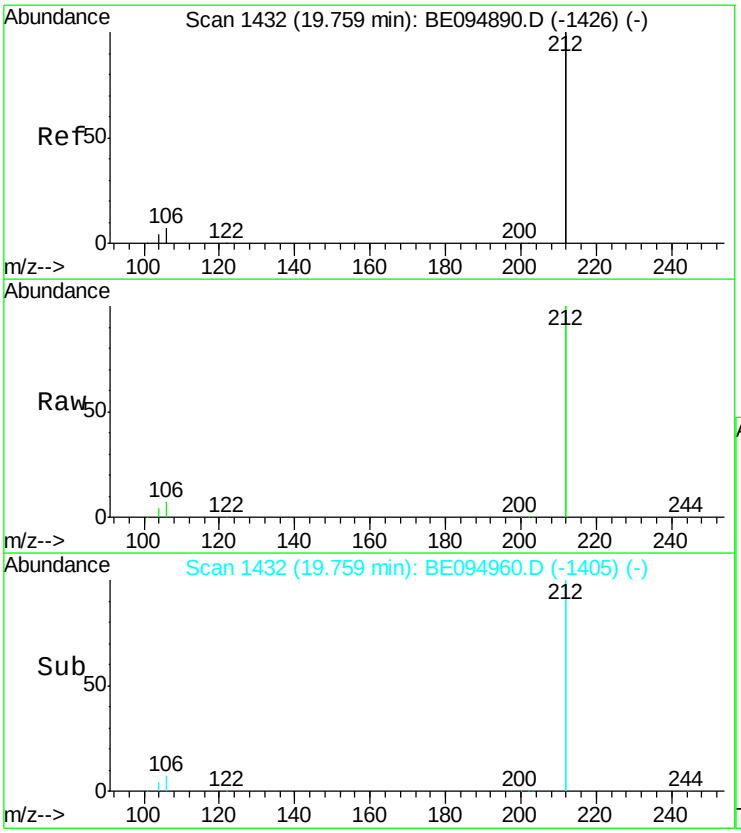
#24
Anthracene
Concen: 0.058 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1914

Ion	Ratio	Lower	Upper
178	100		
176	10.4	12.8	19.2#
179	10.9	13.0	19.6#

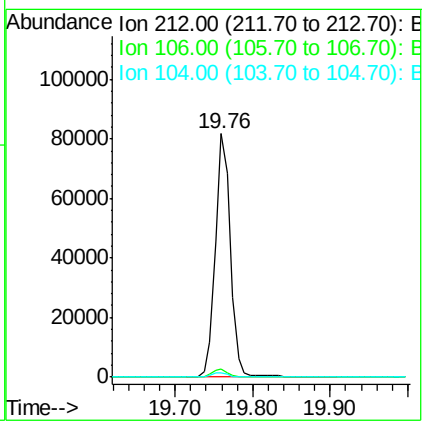


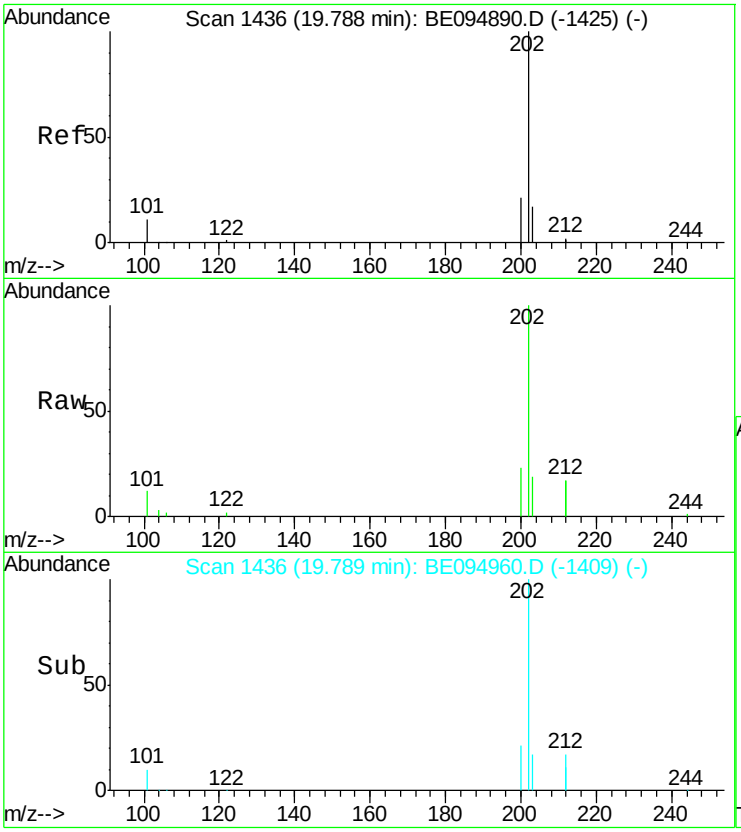


#25
Fluoranthene-d10
Concen: 0.807 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:212 Resp: 108476

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4



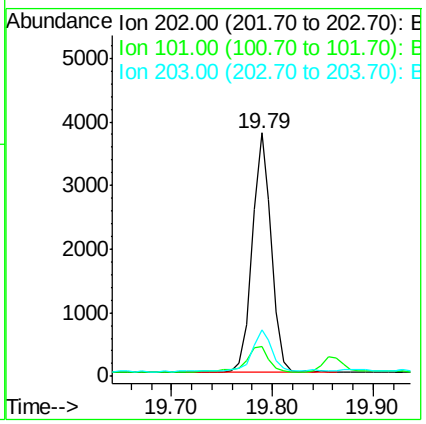


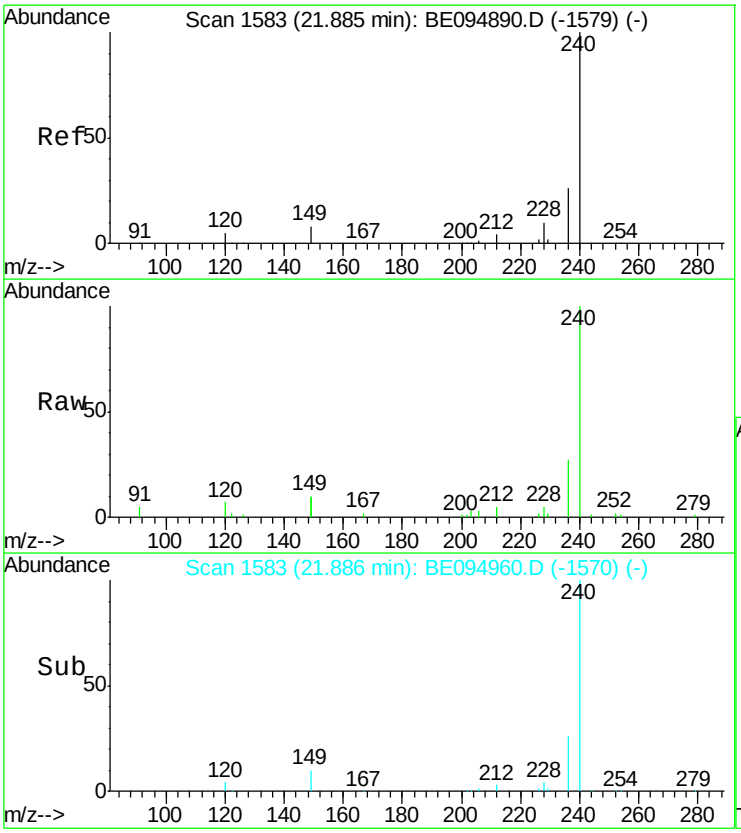
#26
Fluoranthene
Concen: 0.124 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4986

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
203	18.6	13.7	20.5

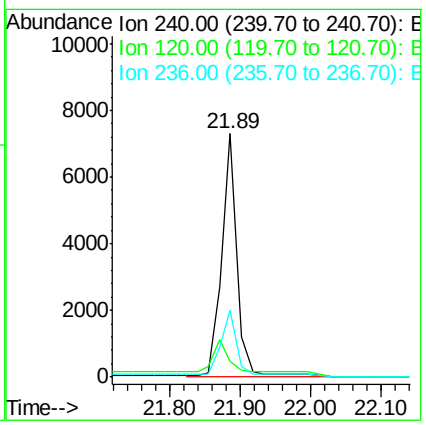


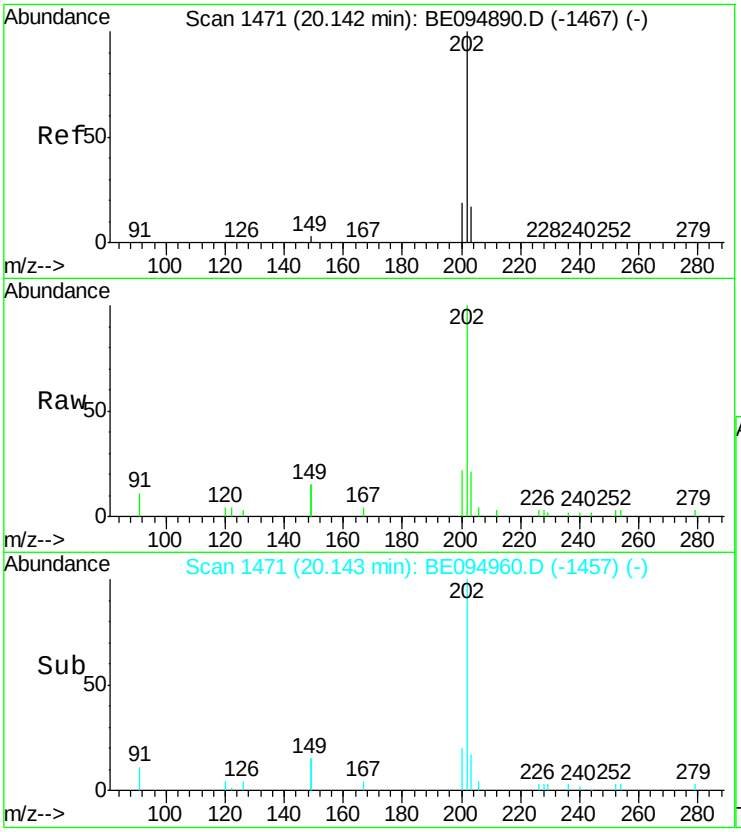


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:240 Resp: 11757

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.5	8.3
236	27.3	20.7	31.1



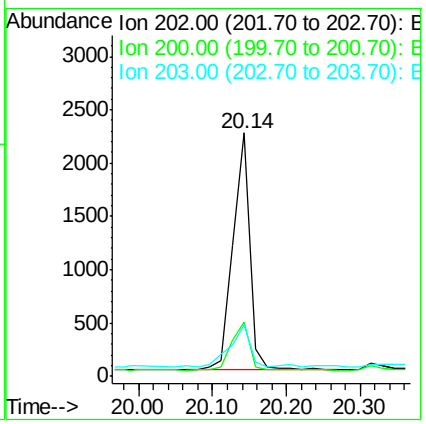


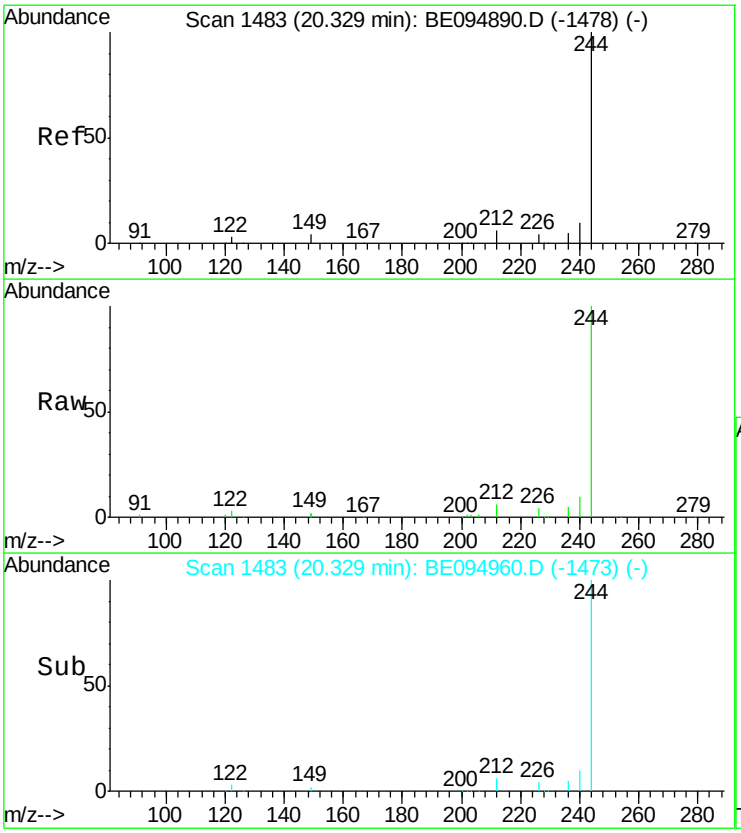
#28
Pyrene
Concen: 0.088 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3563

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	21.0	13.8	20.8#

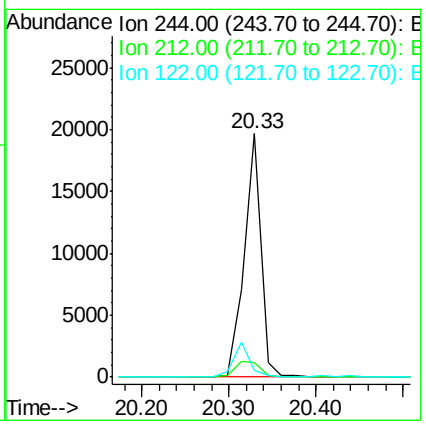


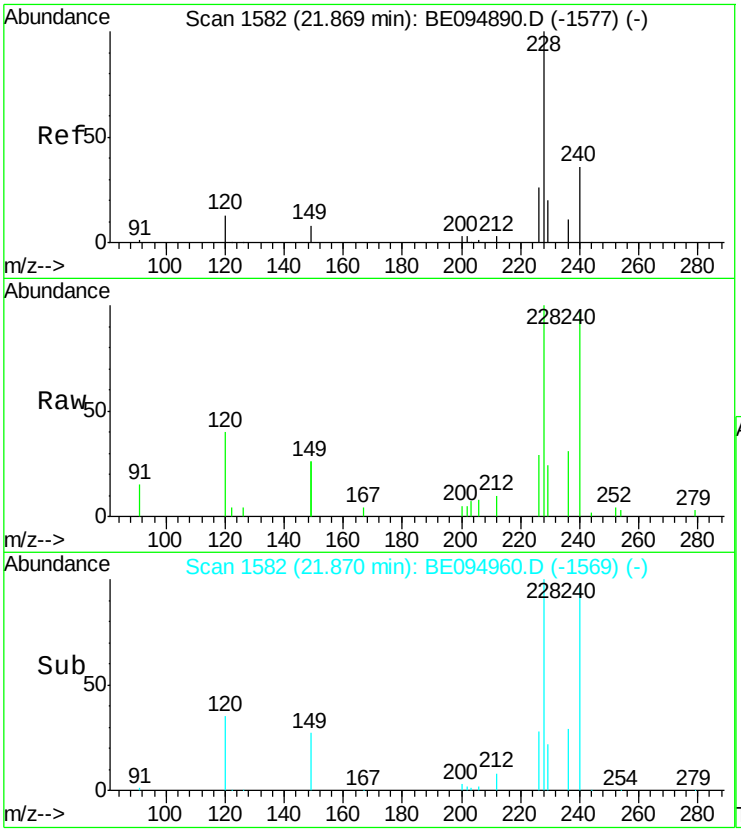


#29
Terphenyl-d14
Concen: 1.206 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:244 Resp: 26188

Ion	Ratio	Lower	Upper
244	100		
212	6.0	25.4	38.0#
122	3.0	8.1	12.1#



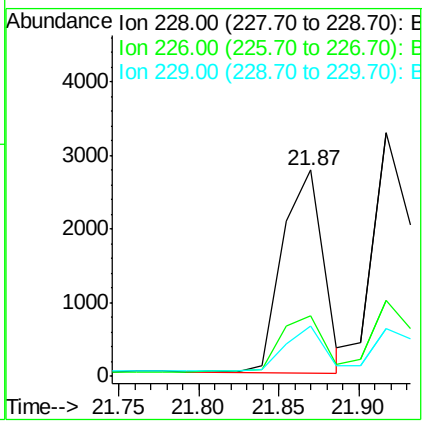


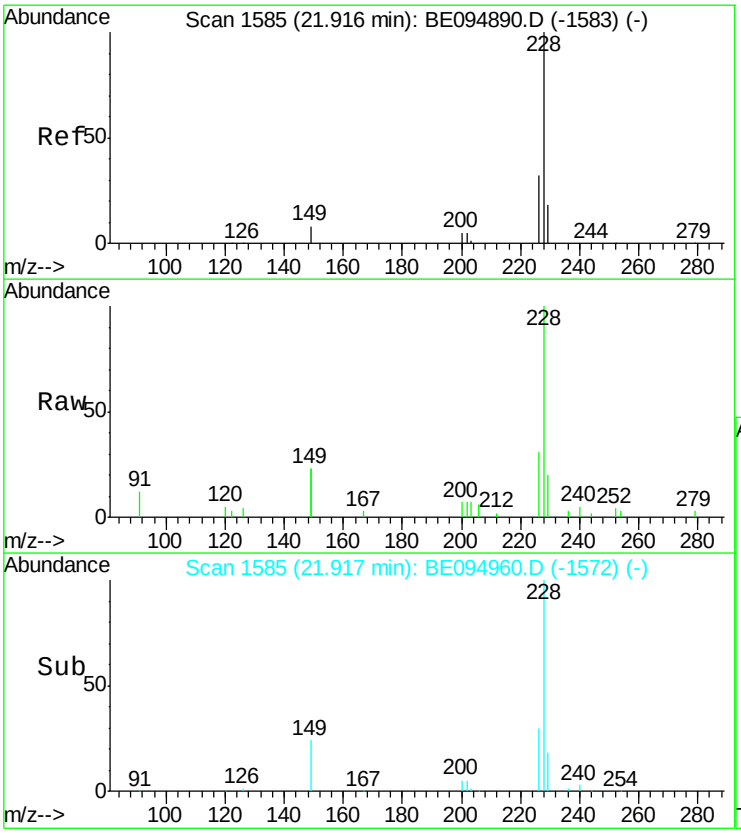
#30
Benzo(a)anthracene
Concen: 0.136 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4919

Ion	Ratio	Lower	Upper
228	100		
226	29.5	40.0	60.0#
229	24.1	40.0	60.0#

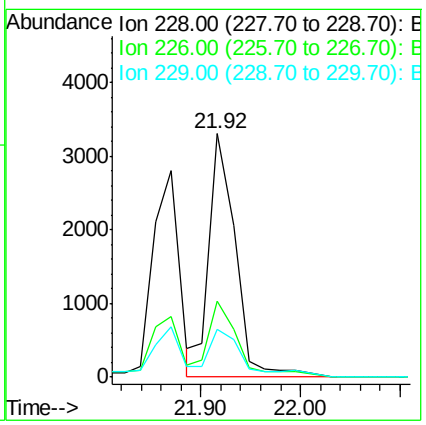


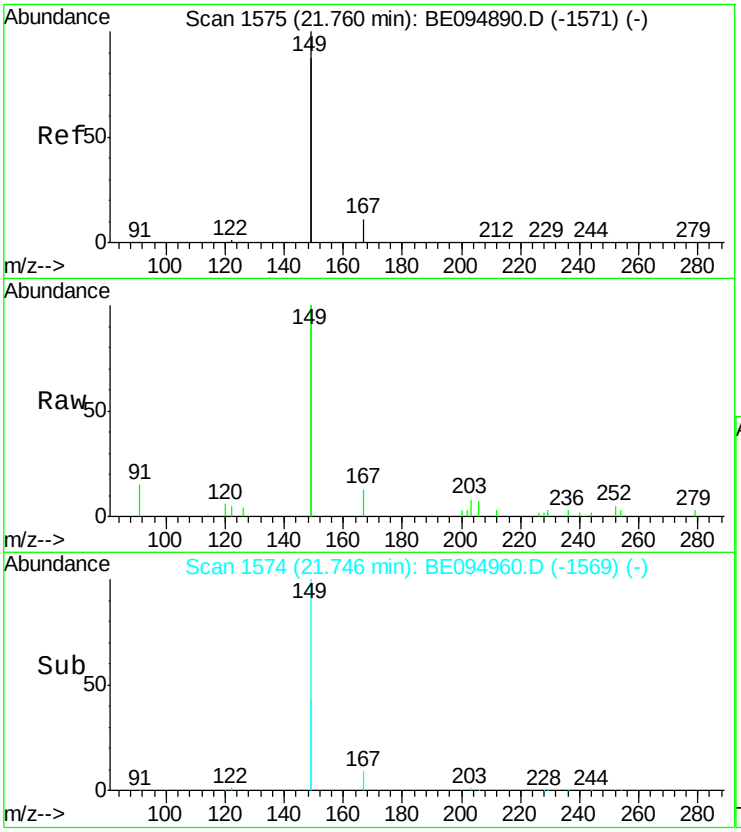


#31
Chrysene
Concen: 0.159 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:228 Resp: 6336

Ion	Ratio	Lower	Upper
228	100		
226	31.4	40.0	60.0#
229	19.5	40.0	60.0#



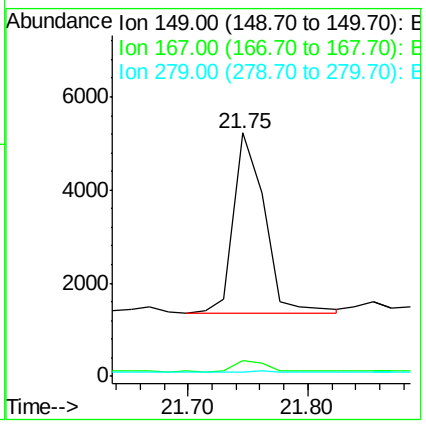


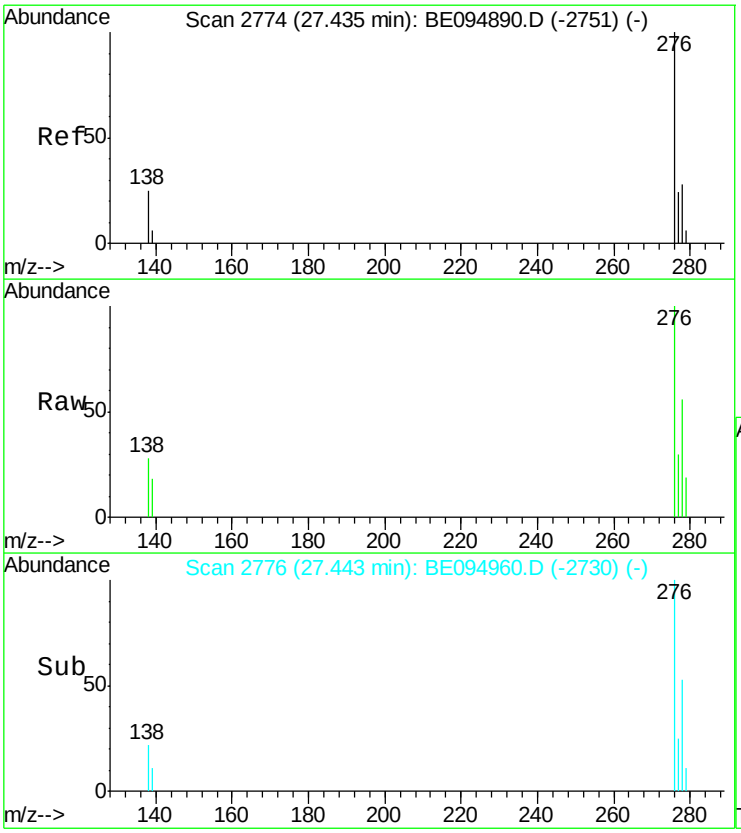
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 6837

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1

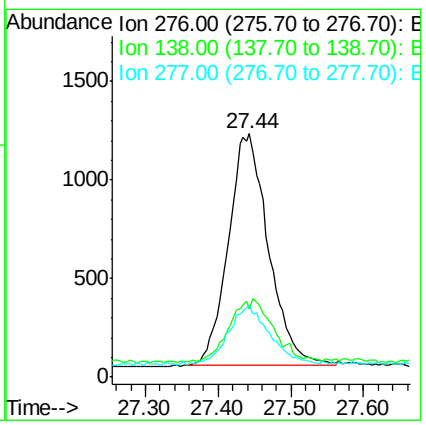


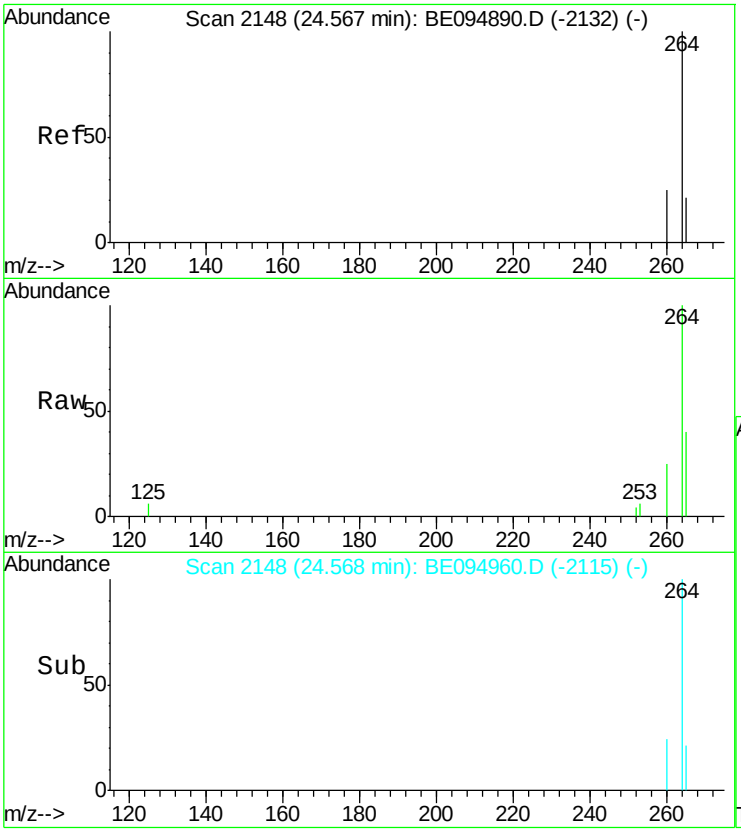


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng
RT: 27.44 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:276 Resp: 4535

Ion	Ratio	Lower	Upper
276	100		
138	15.2	22.5	33.7#
277	26.5	19.9	29.9



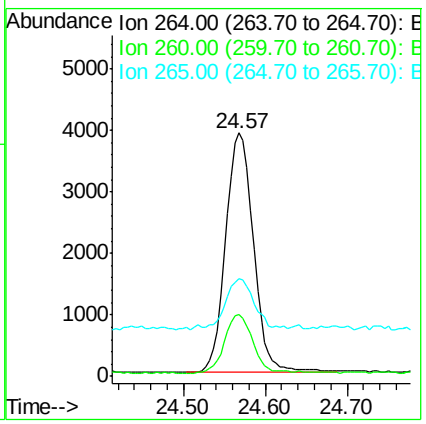


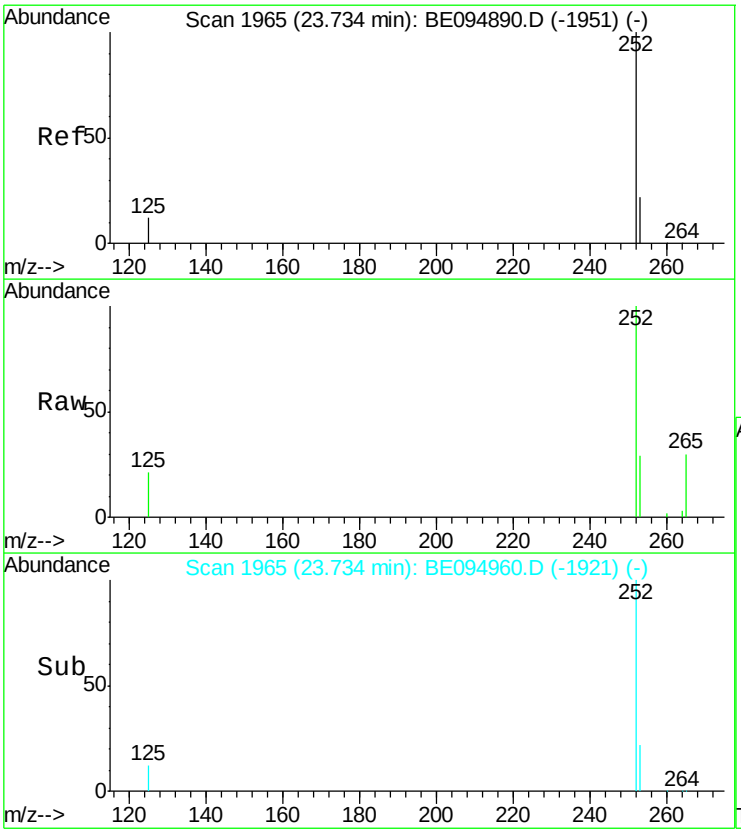
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 9213

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	40.2	22.8	34.2#

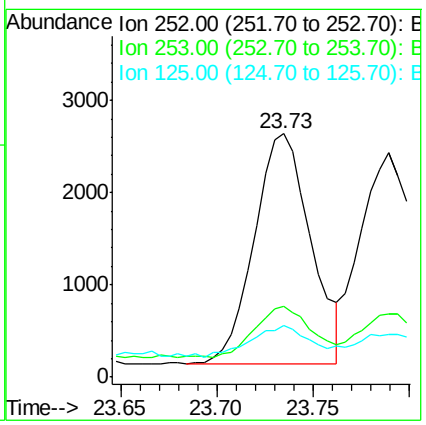


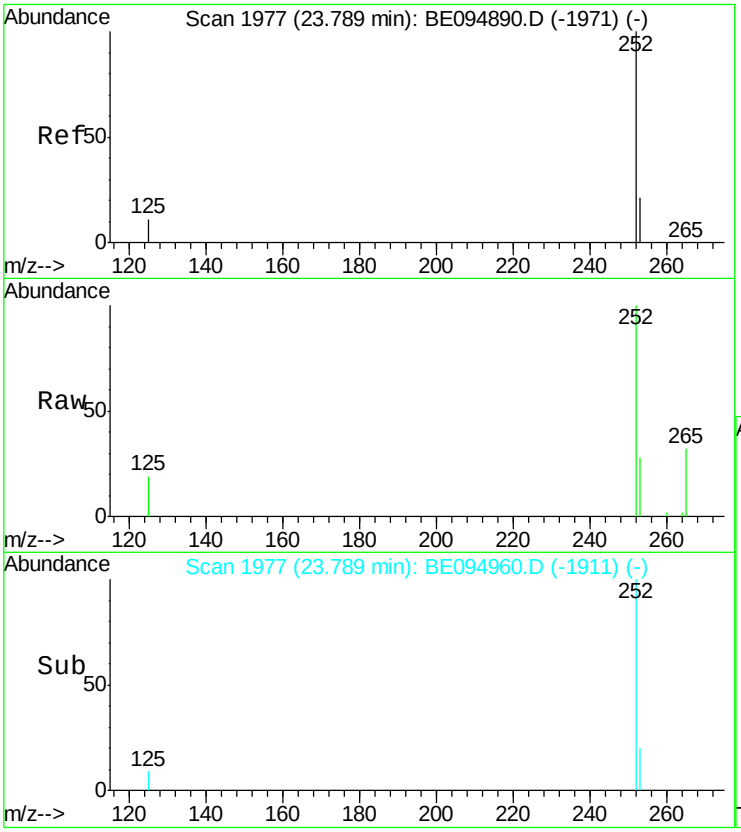


#35
Benzo(b)fluoranthene
Concen: 0.151 ng
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:252 Resp: 5092

Ion	Ratio	Lower	Upper
252	100		
253	28.9	48.0	72.0#
125	21.1	56.0	84.0#



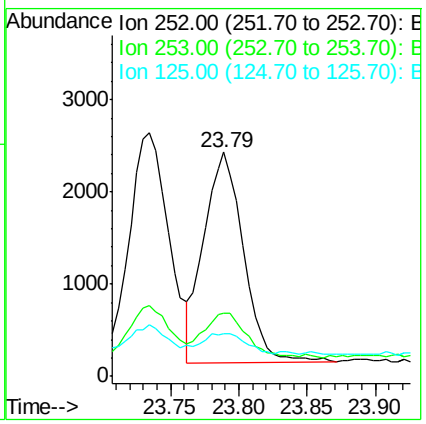


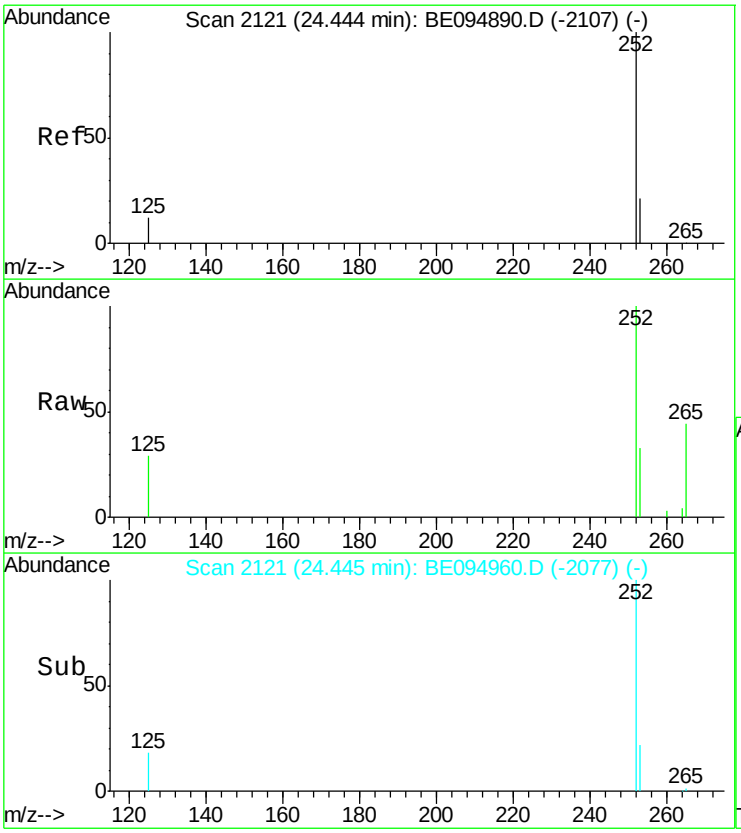
#36
Benzo(k)fluoranthene
Concen: 0.134 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4600

Ion	Ratio	Lower	Upper
252	100		
253	28.1	48.0	72.0#
125	19.2	56.0	84.0#

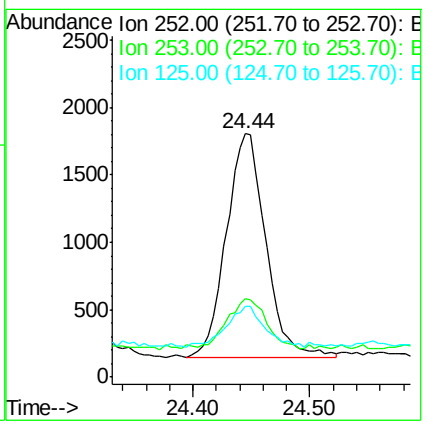


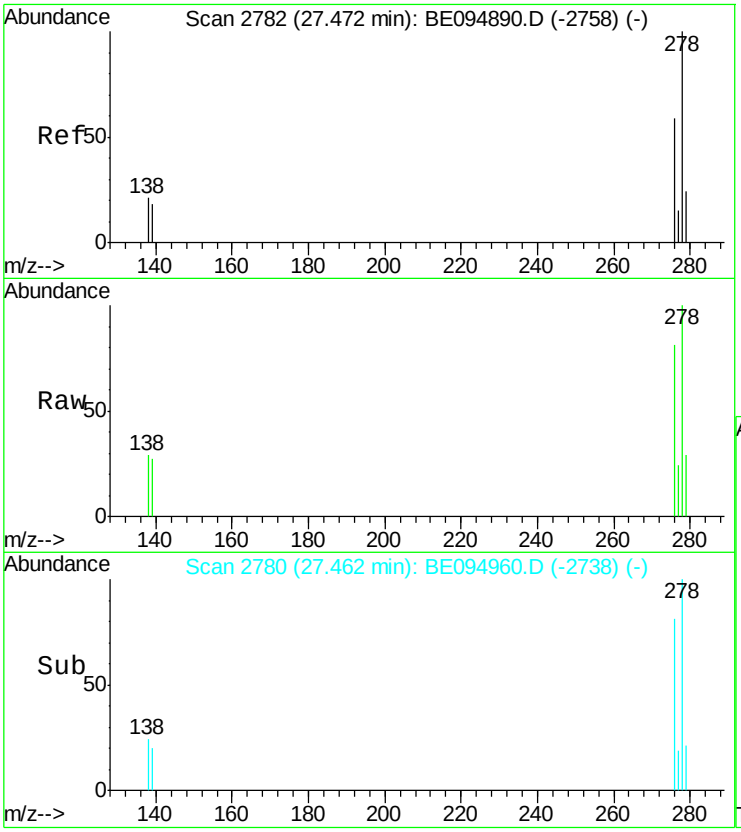


#37
Benzo(a)pyrene
Concen: 0.131 ng
RT: 24.44 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:252 Resp: 3877

Ion	Ratio	Lower	Upper
252	100		
253	32.5	52.0	78.0#
125	29.1	68.0	102.0#



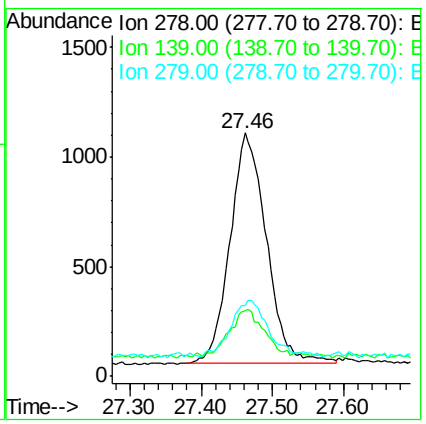


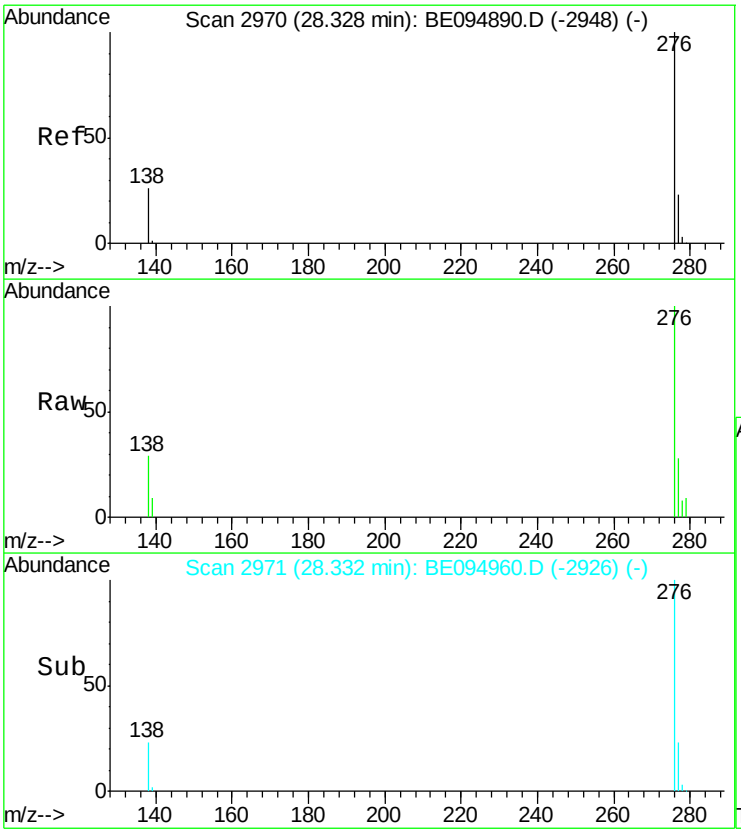
#38
Dibenzo(a,h)anthracene
Concen: 0.137 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3742

Ion	Ratio	Lower	Upper
278	100		
139	26.9	56.0	84.0#
279	29.0	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.149 ng
RT: 28.33 min Scan# 2971
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion:276 Resp: 4043

Ion	Ratio	Lower	Upper
276	100		
277	27.9	52.0	78.0#
138	29.3	44.0	66.0#