Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094989.D
Acq On : 14 Dec 2017 22:33
Operator : SJ/JU
Sample : I6876-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS033-171211

Quant Time: Dec 15 08:13:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6854	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	15024	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8439	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	19635	0.40	ng		0.00
27) Chrysene-d12	21.87	240	22005	0.40	ng		0.00
34) Perylene-d12	24.54	264	18220	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1861	0.17	ng		0.00
5) Phenol-d6	7.59	99	1738	0.11	ng		0.00
8) Nitrobenzene-d5	9.65	82	6091	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9973	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	998	0.51	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	16462	0.44	ng		0.00
25) Fluoranthene-d10	19.75	212	110140	0.43	ng		0.00
29) Terphenyl-d14	20.31	244	23138	0.56	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	17.43	266	31	0.090	ng		94
23) Phenanthrene	17.80	178	1399	0.023	ng	#	93
24) Anthracene	17.91	178	1273	0.020	ng	#	39
26) Fluoranthene	19.78	202	1636	0.022	ng		96
28) Pyrene	20.13	202	1586	0.021	ng		96
30) Benzo(a)anthracene	21.86	228	2982	0.046	ng	#	65
31) Chrysene	21.90	228	3404	0.047	ng	#	69
32) Bis(2-ethylhexyl)phthalate	21.73	149	3702	0.045	ng	#	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	2708	0.046	ng		97
35) Benzo(b)fluoranthene	23.71	252	2838	0.042	ng	#	85
36) Benzo(k)fluoranthene	23.76	252	2615	0.039	ng	#	70
37) Benzo(a)pyrene	24.43	252	1805	0.030	ng	#	50
38) Dibenzo(a,h)anthracene	27.43	278	2159	0.039	ng	#	77
39) Benzo(g,h,i)perylene	28.29	276	2310	0.042	ng	#	84

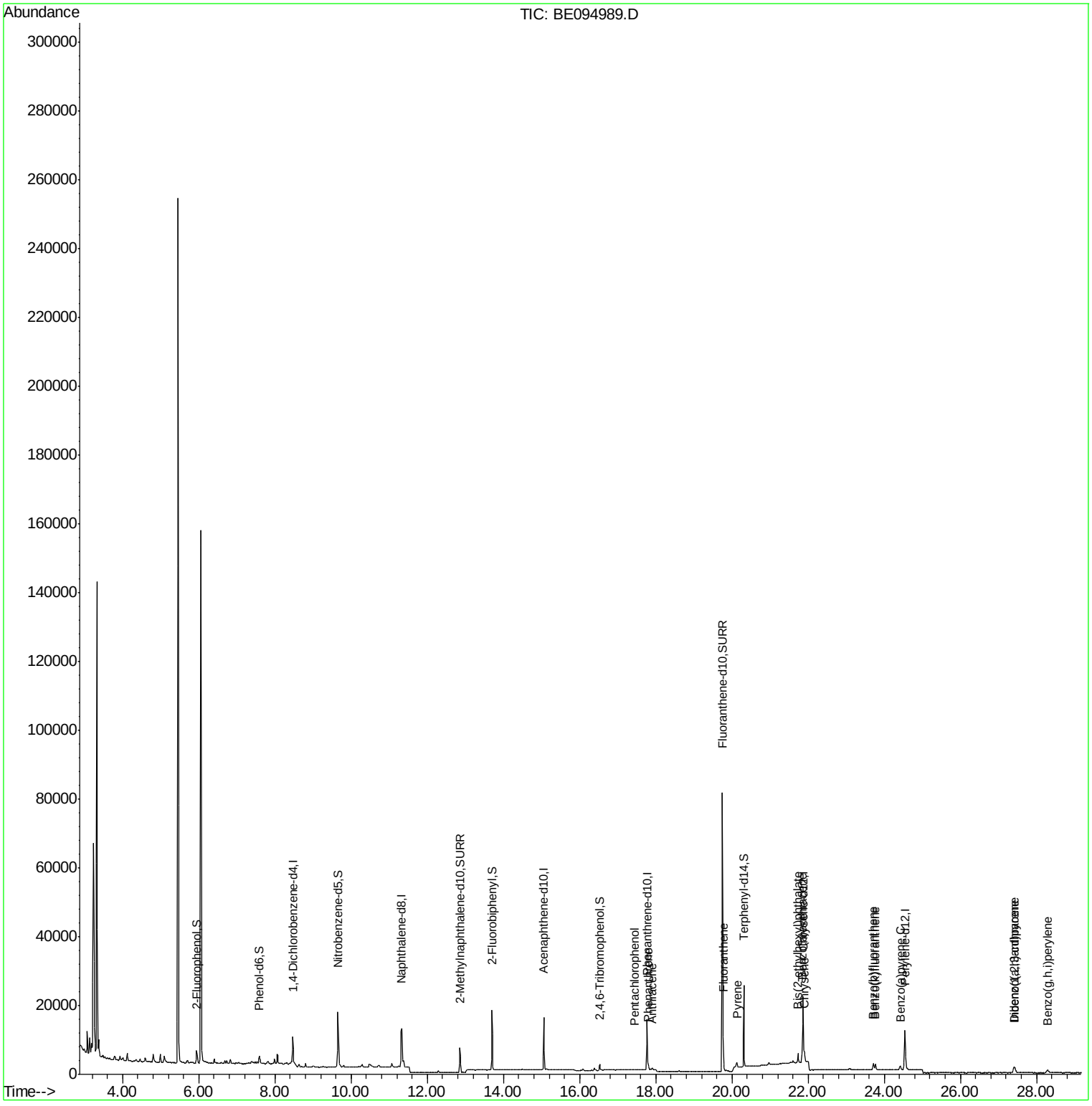
(#) = qualifier out of range (m) = manual integration (+) = signals summed

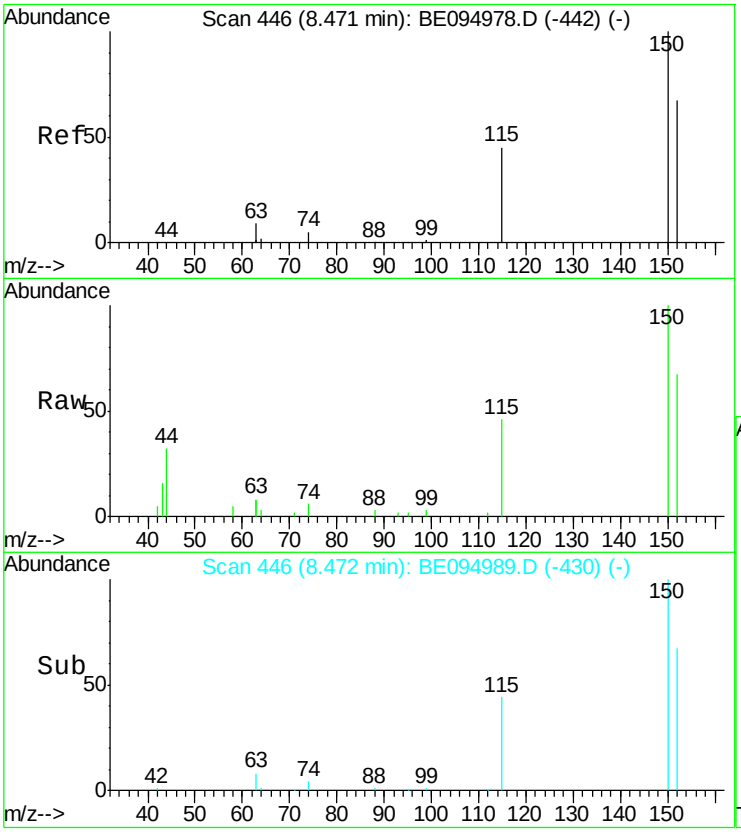
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094989.D
Acq On : 14 Dec 2017 22:33
Operator : SJ/JU
Sample : I6876-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Quant Time: Dec 15 08:13:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



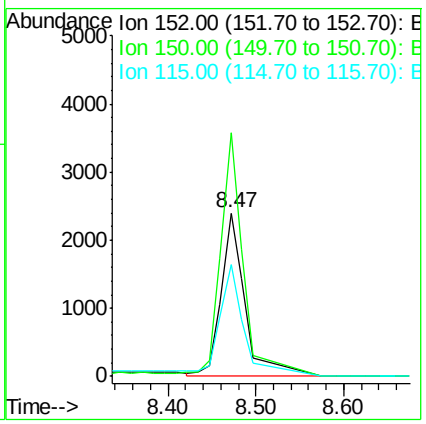


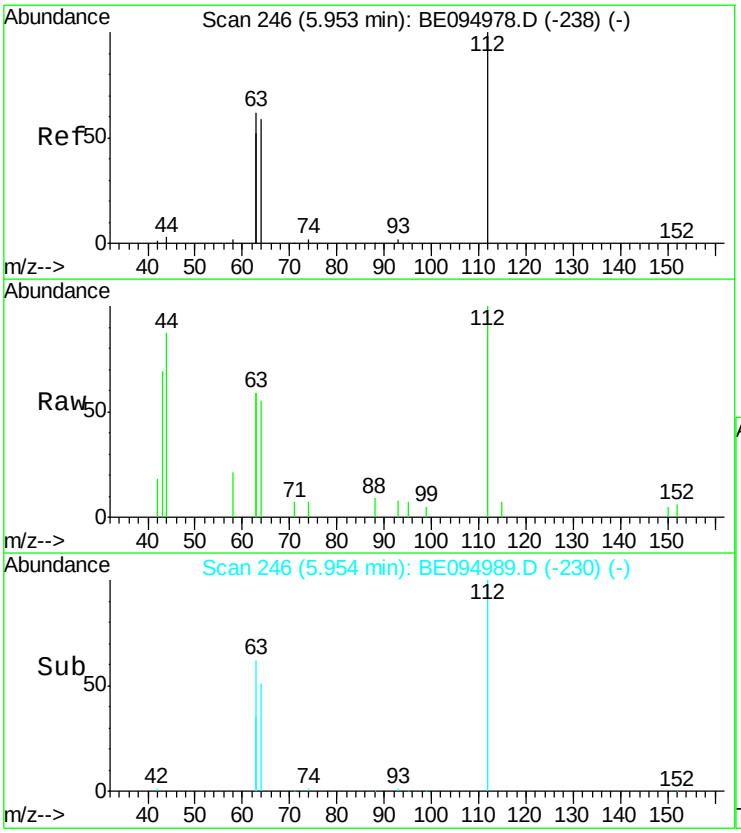
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:152 Resp: 6854

Ion	Ratio	Lower	Upper
152	100		
150	148.9	117.2	175.8
115	68.2	57.0	85.6

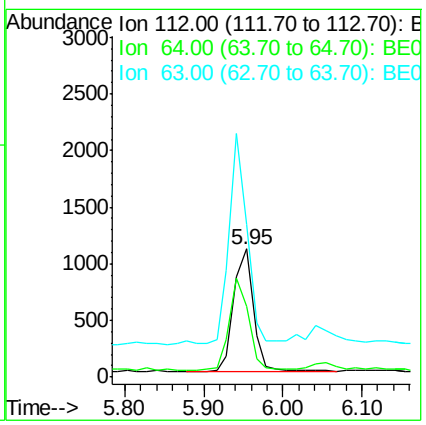


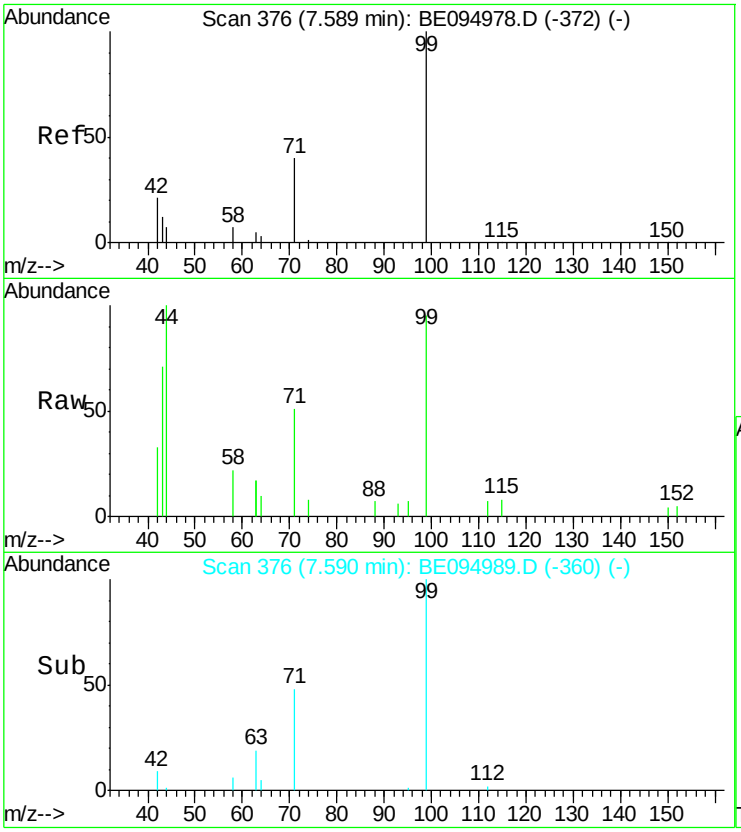


#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:112 Resp: 1861

Ion	Ratio	Lower	Upper
112	100		
64	72.8	60.1	90.1
63	155.6	116.8	175.2



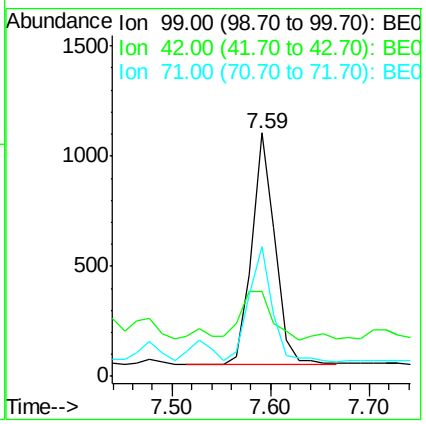


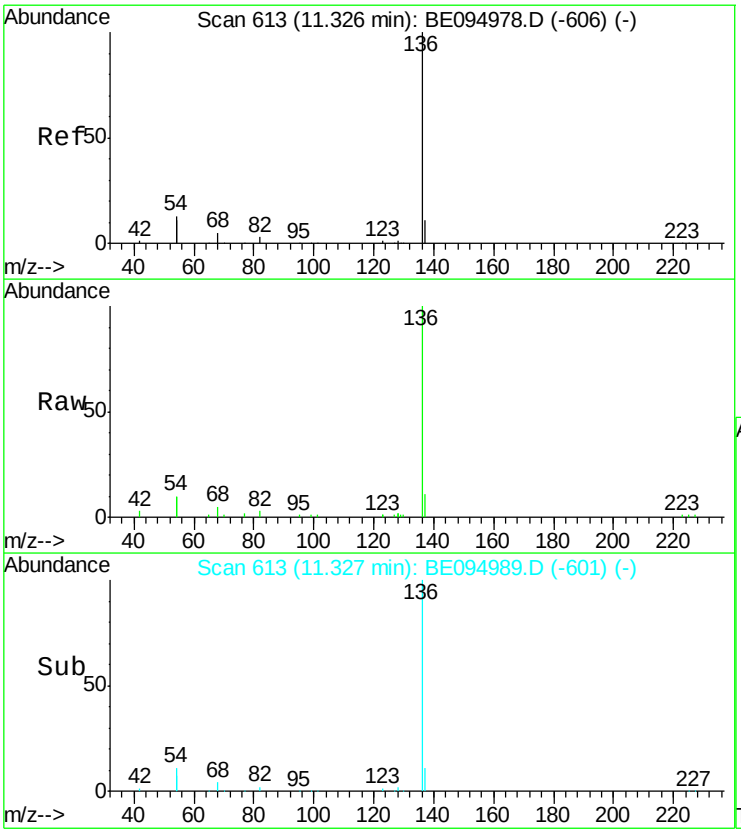
#5
Phenol-d6
Concen: 0.110 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion: 99 Resp: 1738

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.2	30.2
71	50.5	28.4	42.6#

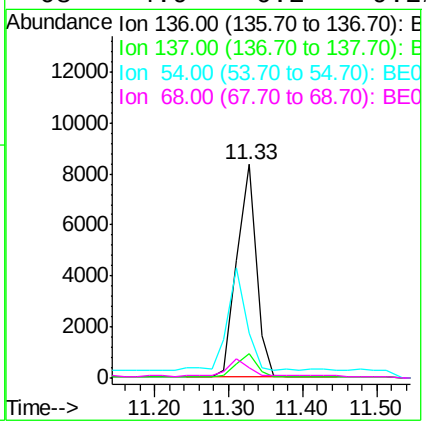


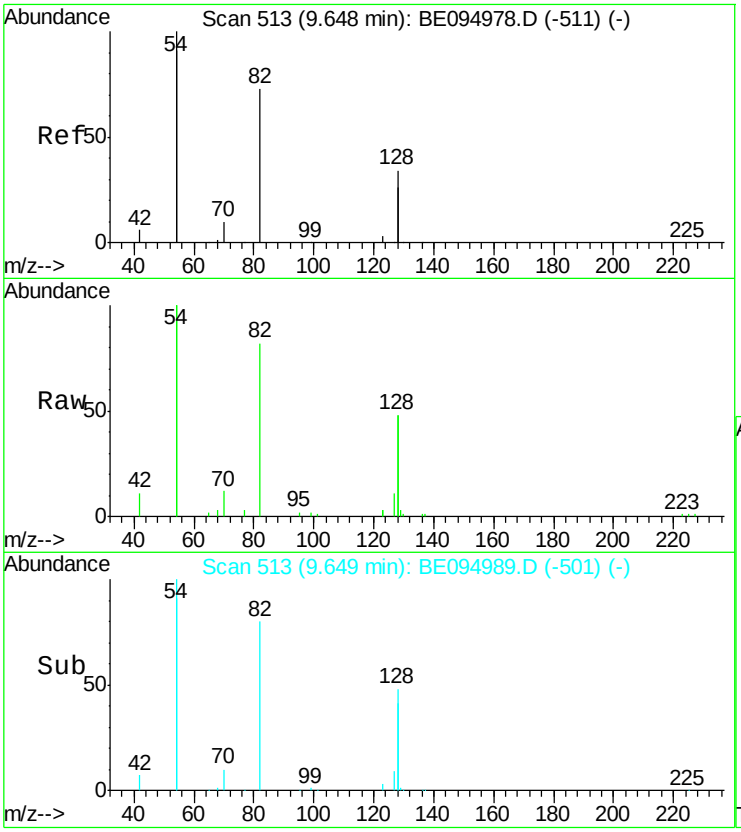


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:136 Resp: 15024

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	20.9	29.1	43.7#
68	4.9	6.2	9.2#



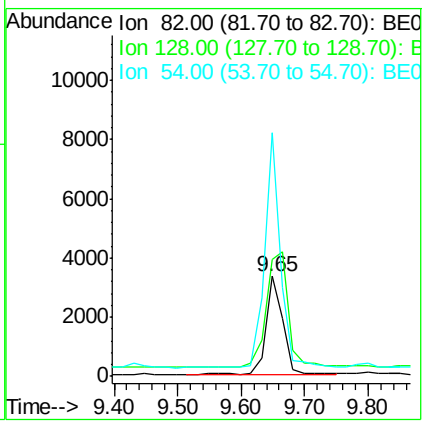


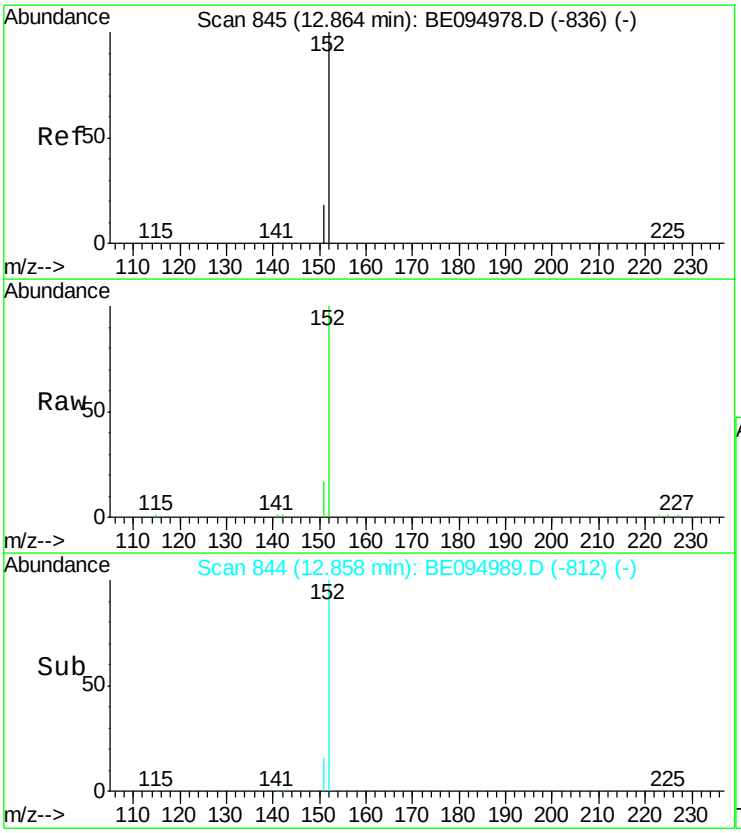
#8
Nitrobenzene-d5
Concen: 0.494 ng
RT: 9.65 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion: 82 Resp: 6091

Ion	Ratio	Lower	Upper
82	100		
128	117.0	150.0	225.0#
54	243.8	154.2	231.4#

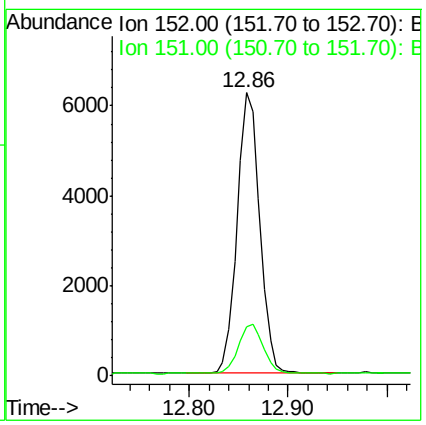


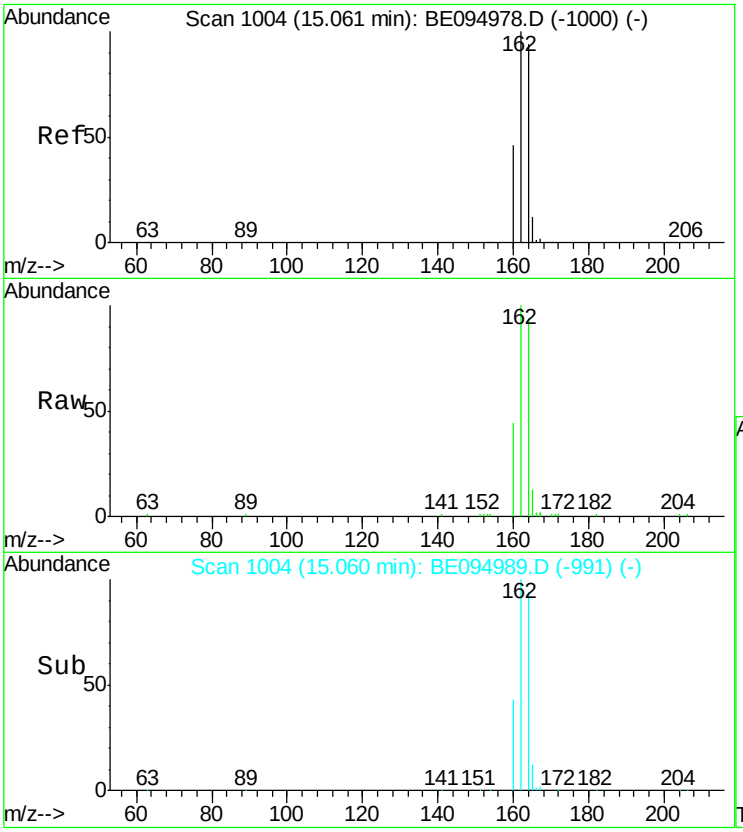


#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.86 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:152 Resp: 9973

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



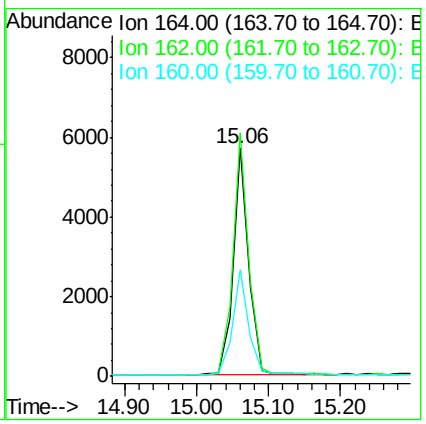


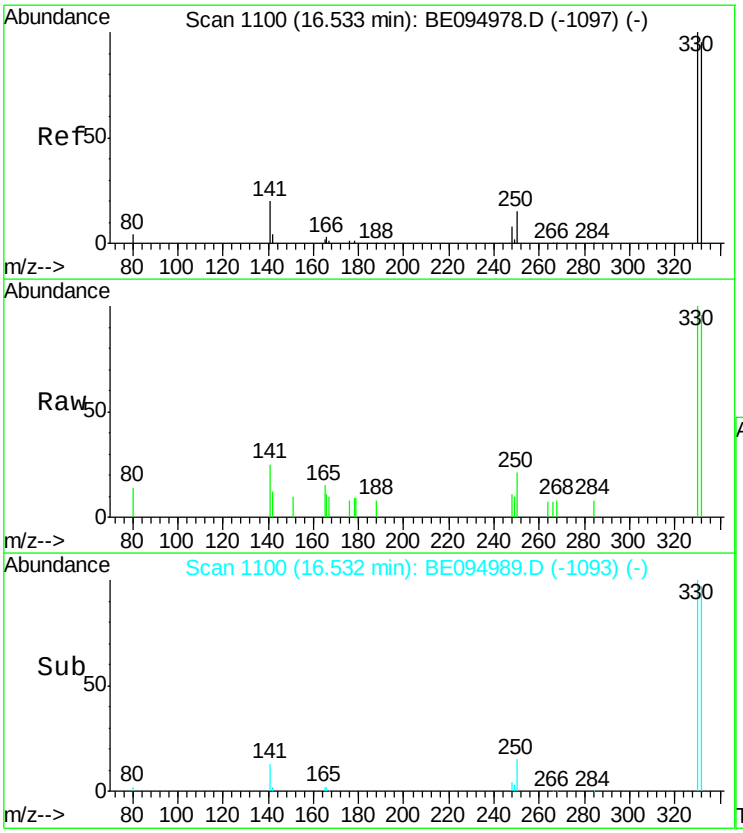
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:164 Resp: 8439

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.1	124.7
160	46.7	37.1	55.7

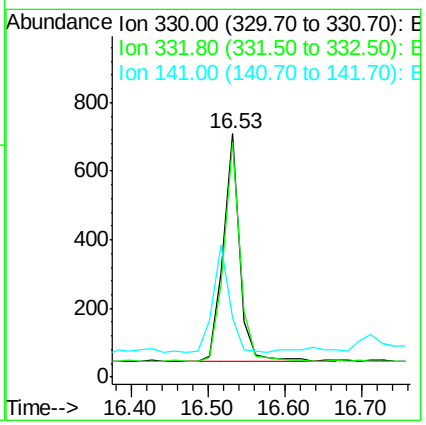


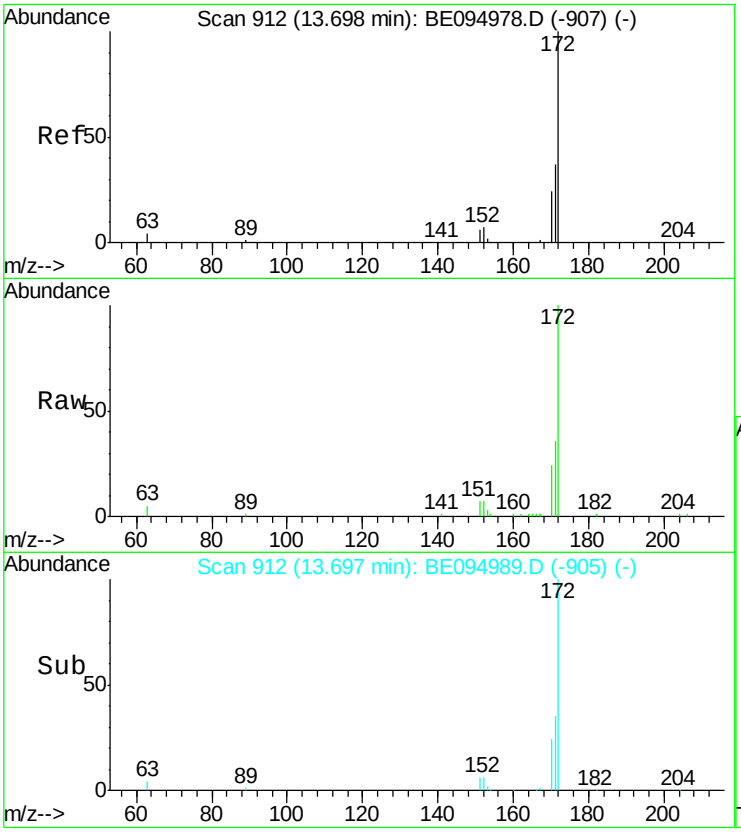


#14
2,4,6-Tribromophenol
Concen: 0.509 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:330 Resp: 998

Ion	Ratio	Lower	Upper
330	100		
332	94.3	152.7	229.1#
141	46.0	33.7	50.5



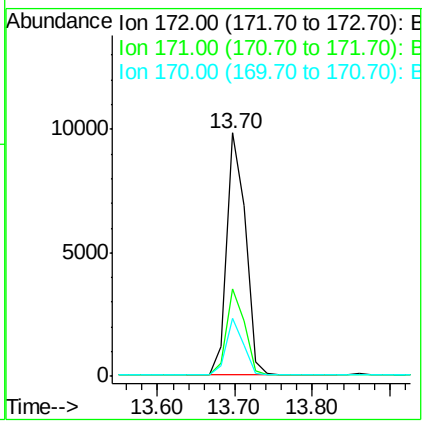


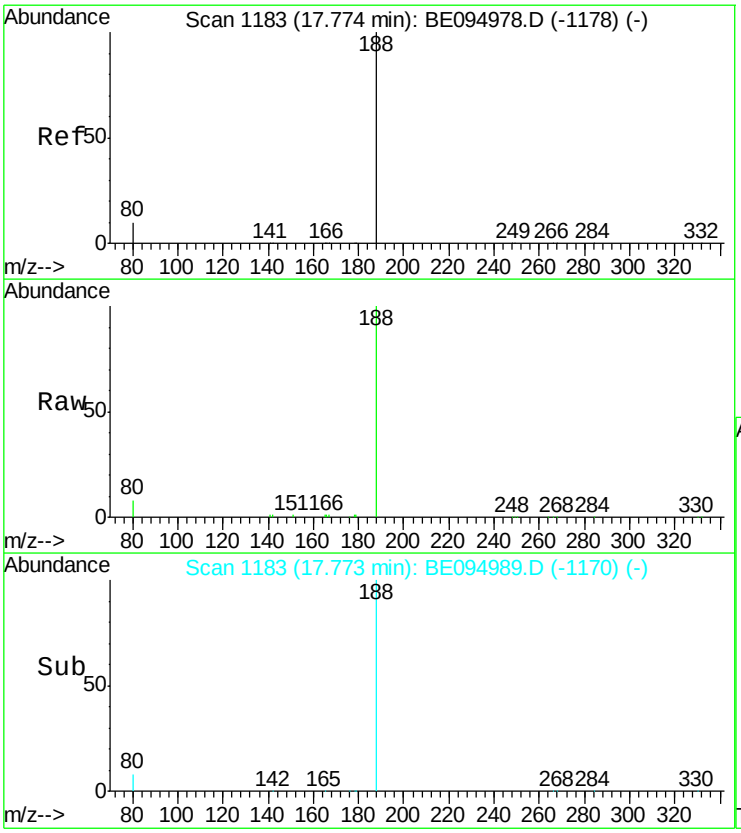
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:172 Resp: 16462

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	24.0	21.8	32.8

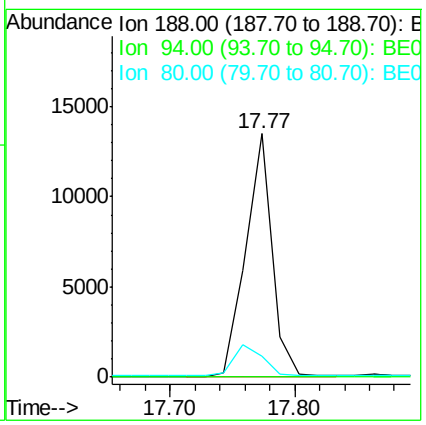


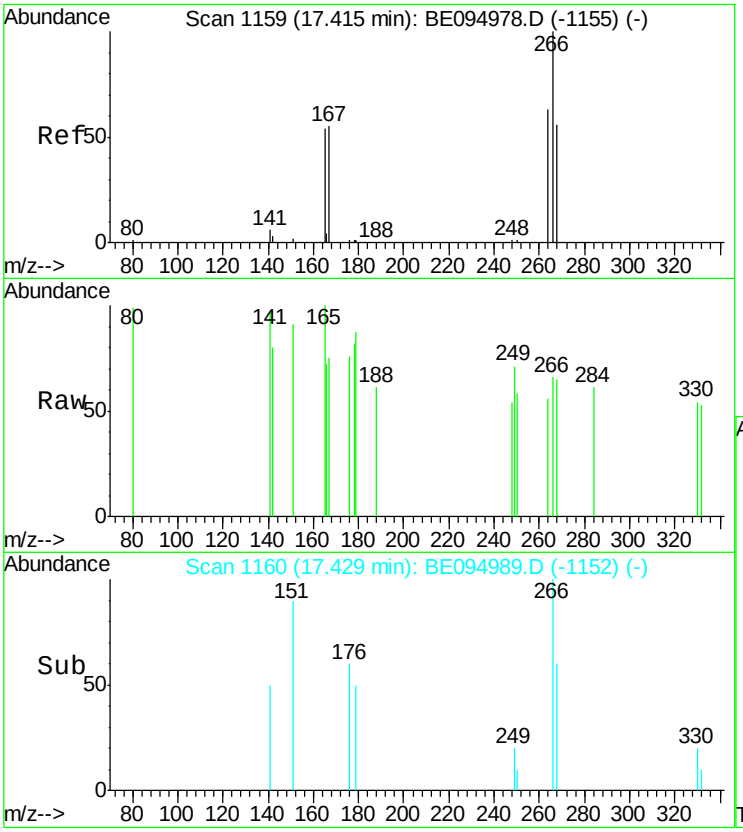


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:188 Resp: 19635

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.4	3.6	5.4#



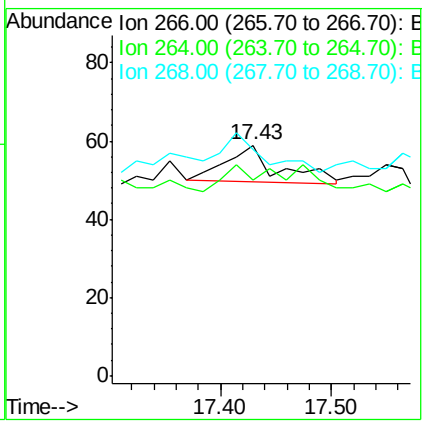


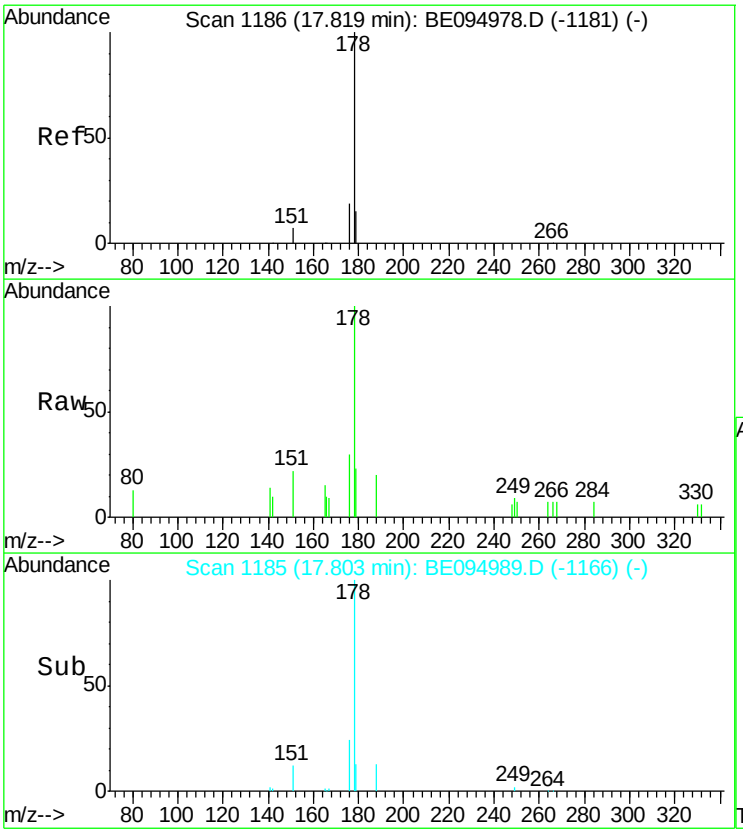
#22
Pentachlorophenol
Concen: 0.090 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	84.7	72.5	108.7
268	98.3	73.8	110.6

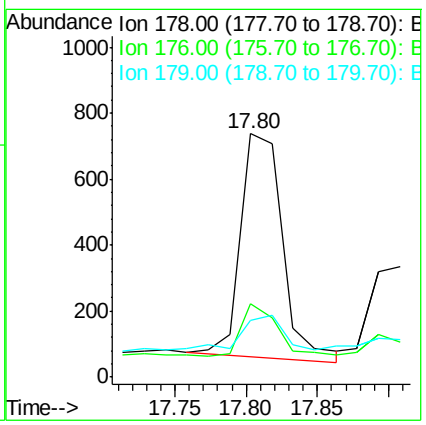


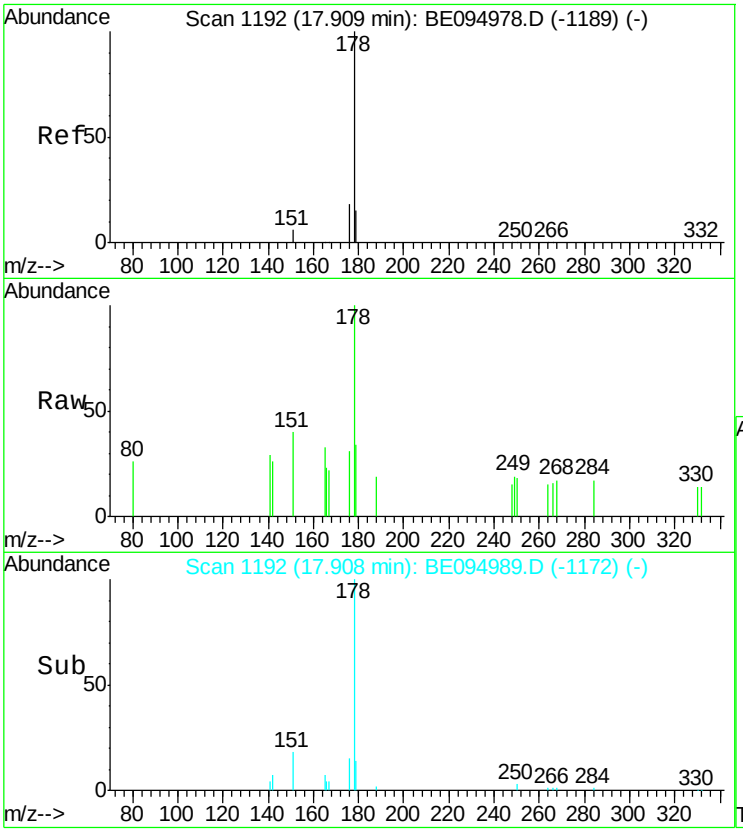


#23
Phenanthrene
Concen: 0.023 ng
RT: 17.80 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:178 Resp: 1399

Ion	Ratio	Lower	Upper
178	100		
176	24.1	15.1	22.7#
179	14.2	11.8	17.6



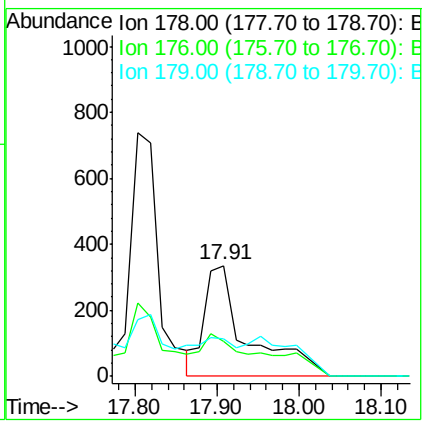


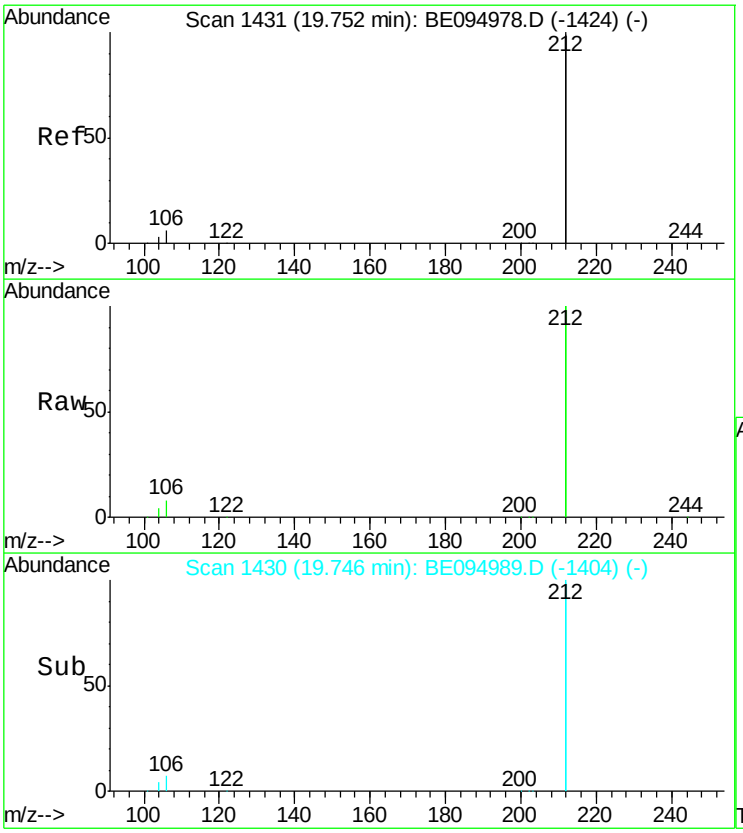
#24
Anthracene
Concen: 0.020 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:178 Resp: 1273

Ion	Ratio	Lower	Upper
178	100		
176	55.9	12.8	19.2#
179	4.2	13.0	19.6#

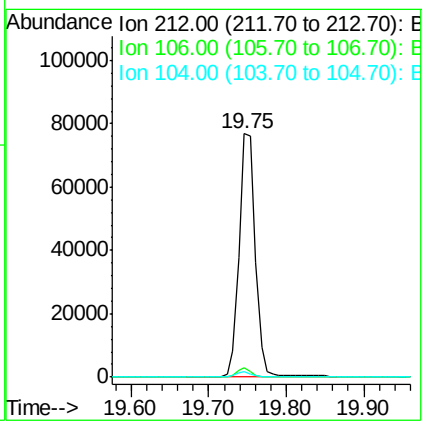


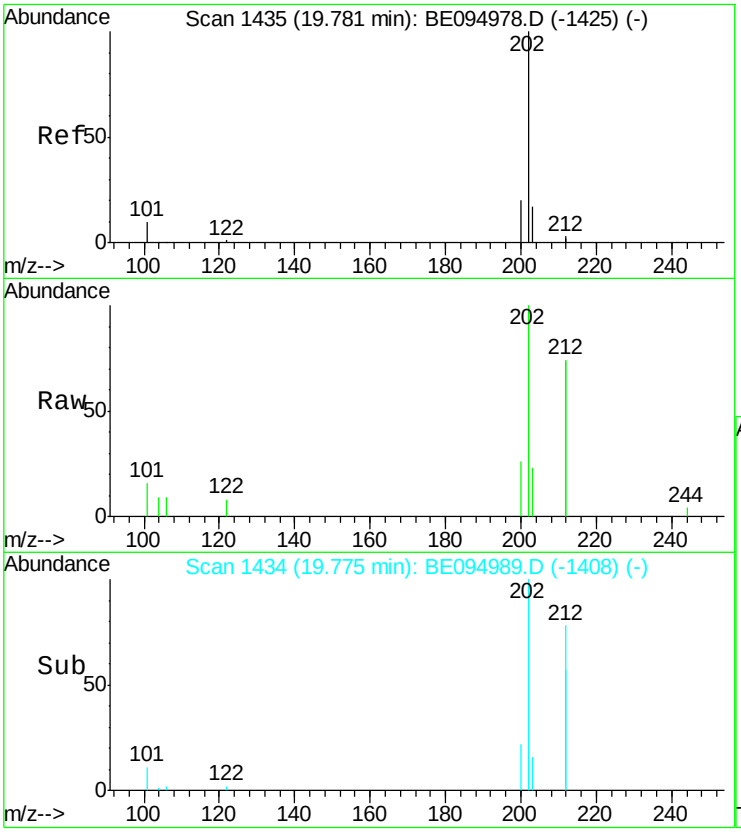


#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:212 Resp: 110140

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4



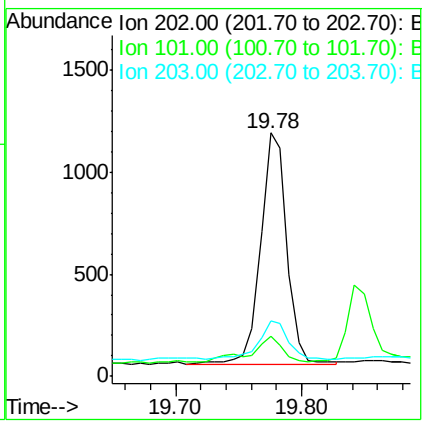


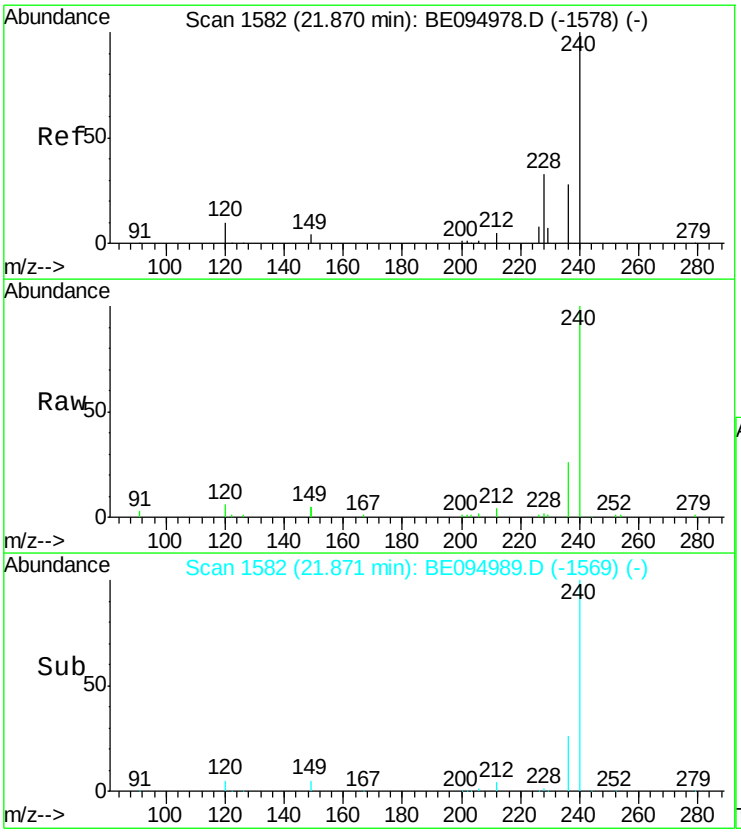
#26
Fluoranthene
Concen: 0.022 ng
RT: 19.78 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:202 Resp: 1636

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.8
203	19.0	13.7	20.5

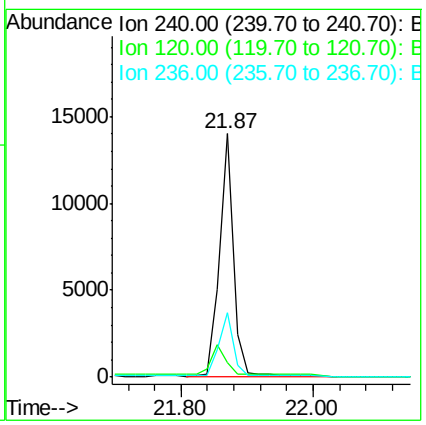


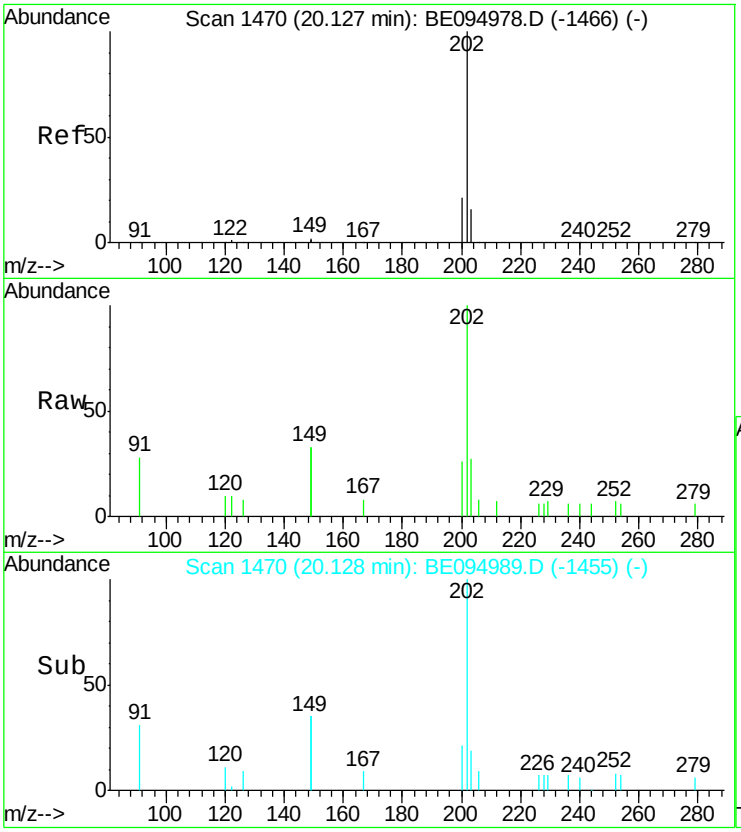


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:240 Resp: 22005

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.5	8.3
236	26.3	20.7	31.1



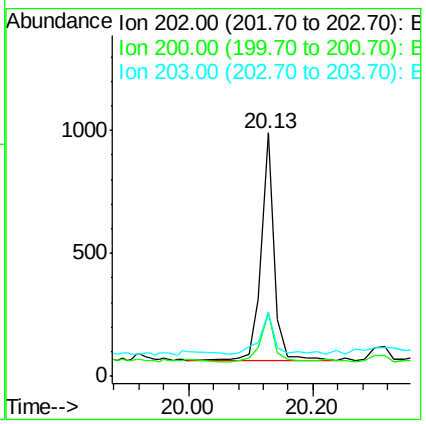


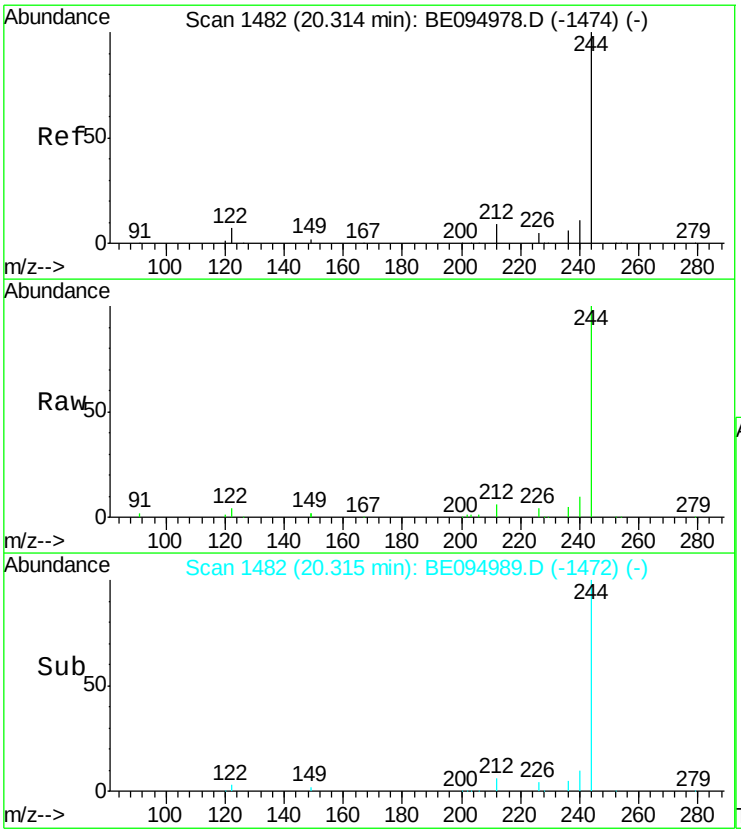
#28
Pyrene
Concen: 0.021 ng
RT: 20.13 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:202 Resp: 1586

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	25.0
203	19.1	13.8	20.8

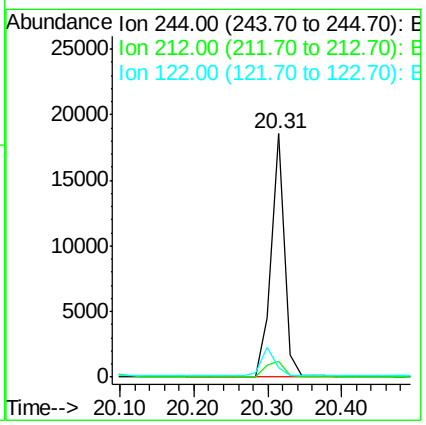


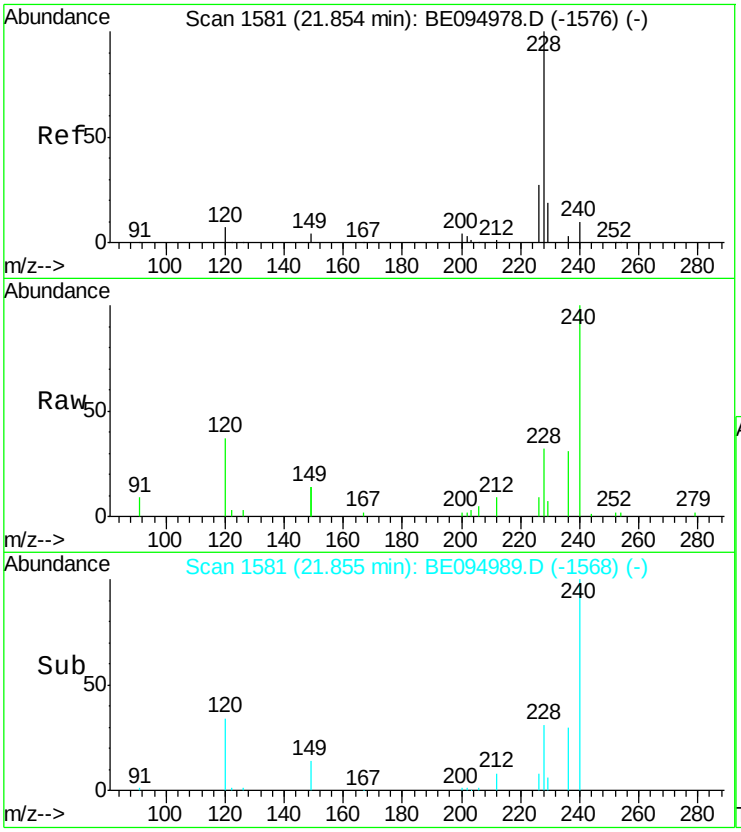


#29
Terphenyl-d14
Concen: 0.559 ng
RT: 20.31 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:244 Resp: 23138

Ion	Ratio	Lower	Upper
244	100		
212	6.5	25.4	38.0#
122	3.7	8.1	12.1#



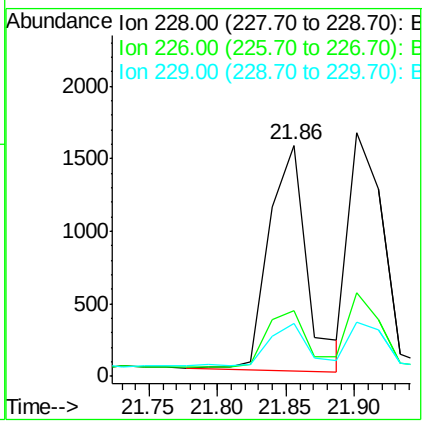


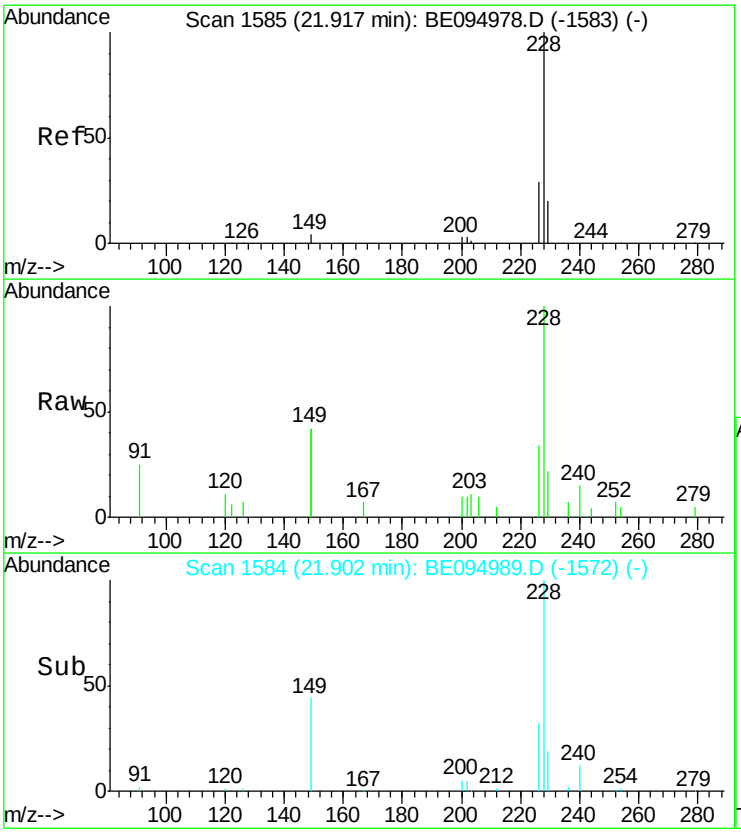
#30
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.86 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:228 Resp: 2982

Ion	Ratio	Lower	Upper
228	100		
226	28.2	40.0	60.0#
229	23.0	40.0	60.0#

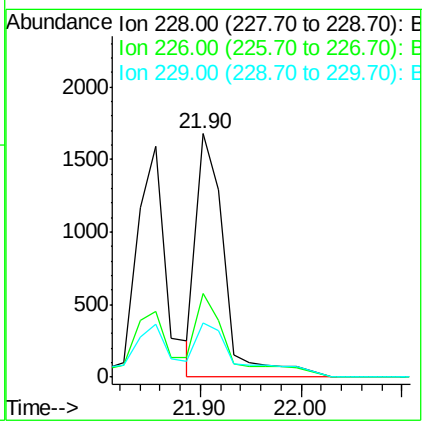


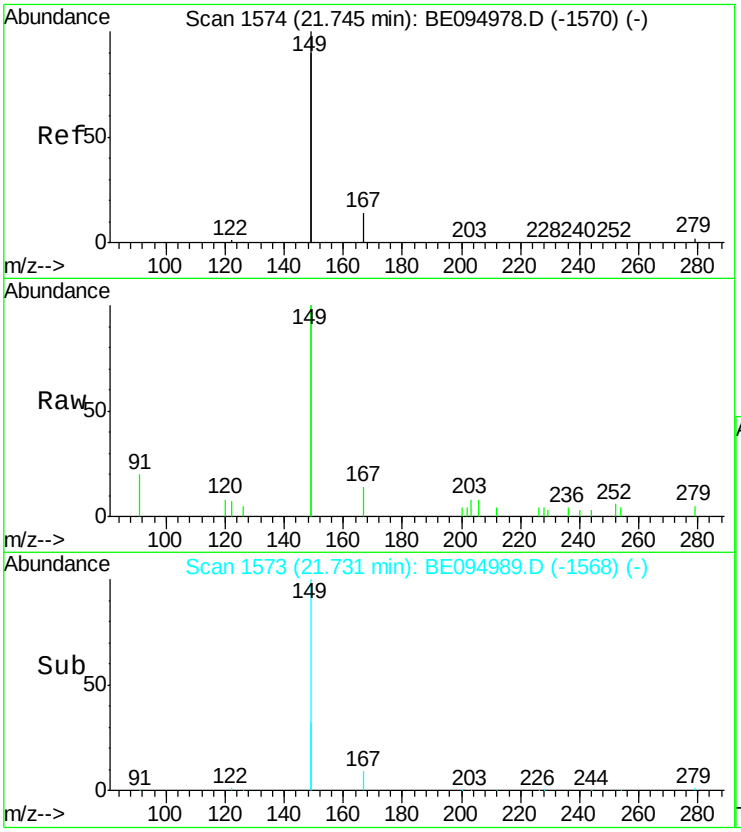


#31
Chrysene
Concen: 0.047 ng
RT: 21.90 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:228 Resp: 3404

Ion	Ratio	Lower	Upper
228	100		
226	34.4	40.0	60.0#
229	22.3	40.0	60.0#



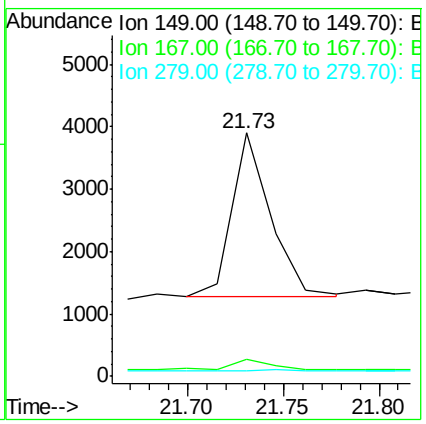


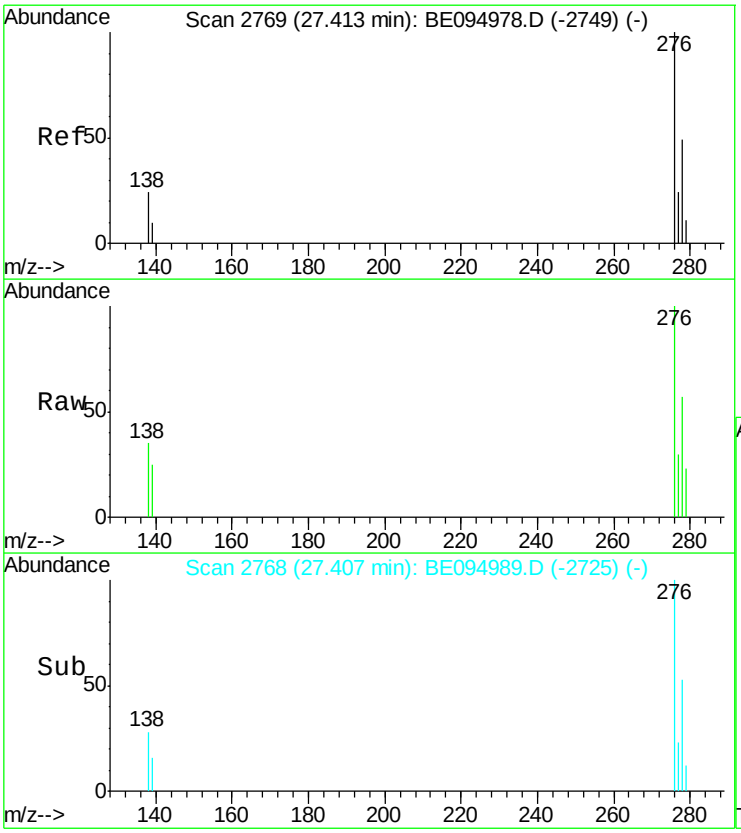
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.73 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:149 Resp: 3702

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.4	0.7	1.1#

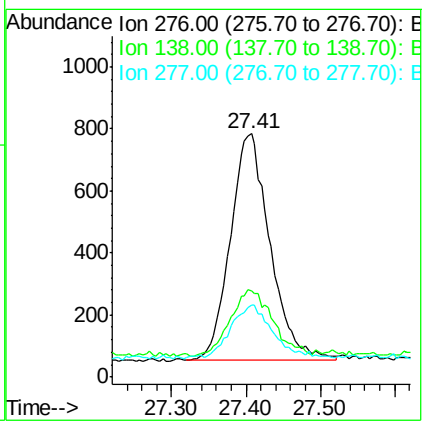


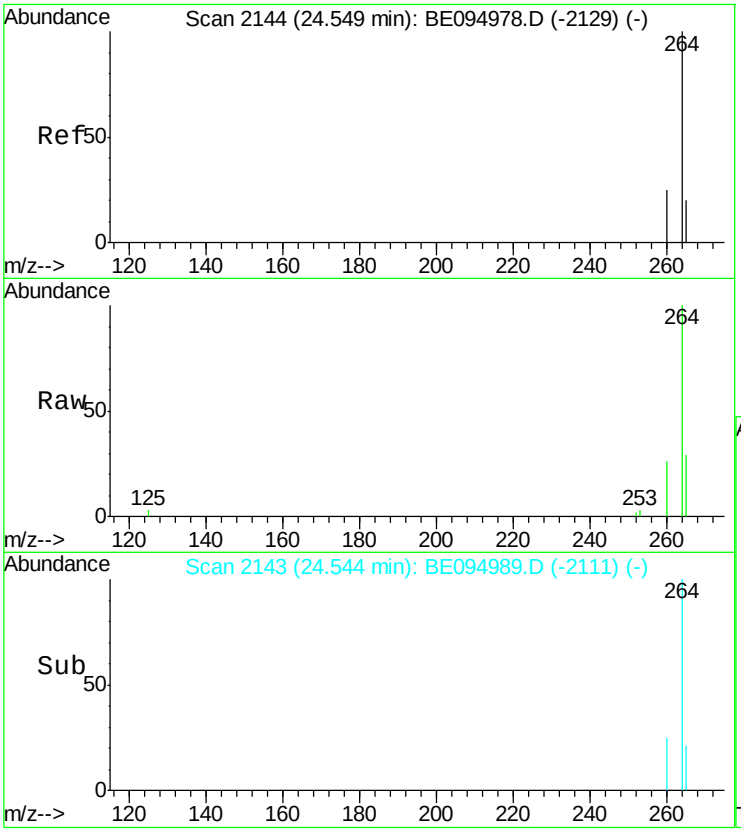


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng
RT: 27.41 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:276 Resp: 2708

Ion	Ratio	Lower	Upper
276	100		
138	31.1	22.5	33.7
277	25.1	19.9	29.9



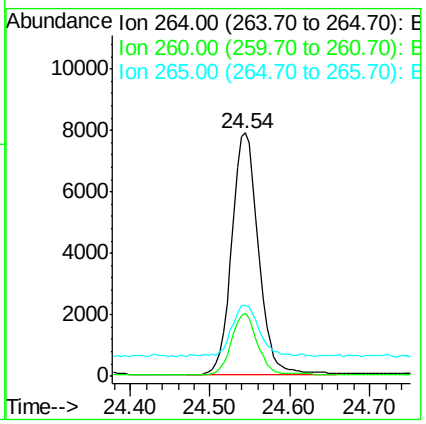


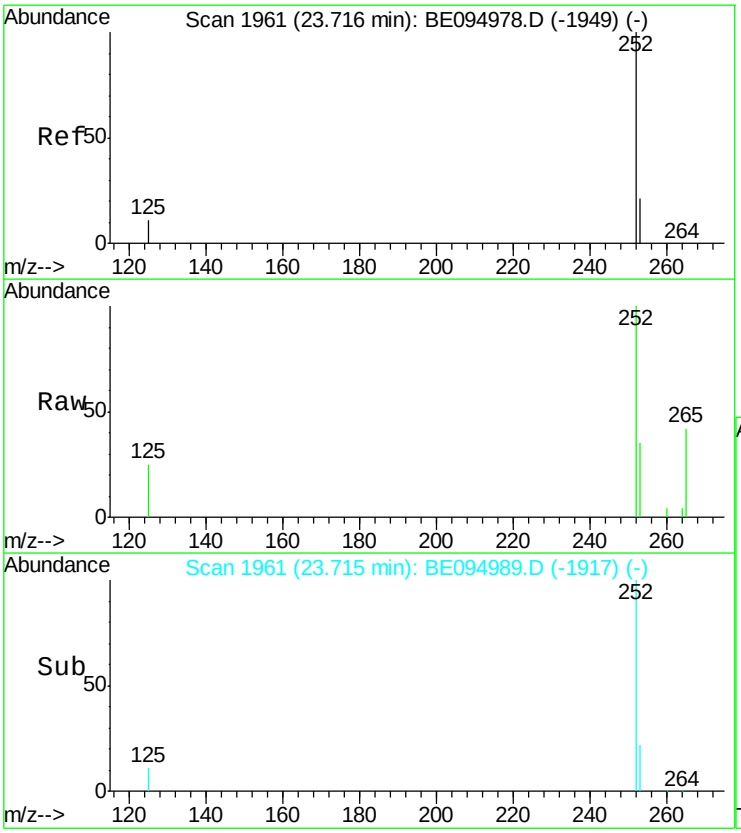
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.54 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:264 Resp: 18220

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.2	22.8	34.2

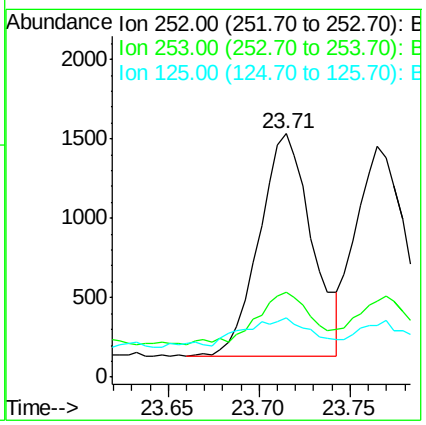


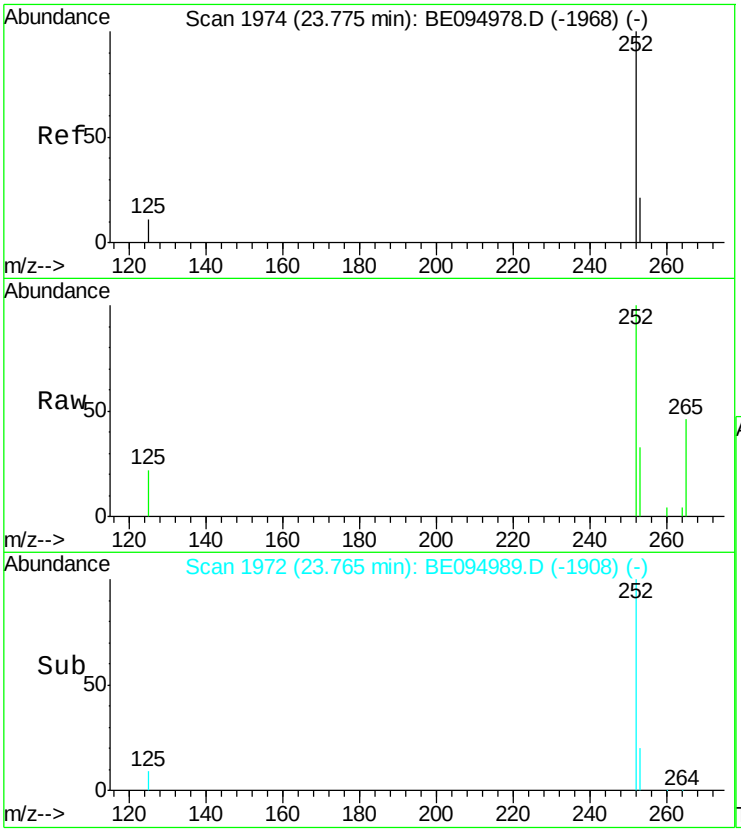


#35
Benzo(b)fluoranthene
Concen: 0.042 ng
RT: 23.71 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:252 Resp: 2838

Ion	Ratio	Lower	Upper
252	100		
253	35.0	20.0	30.0#
125	24.5	16.0	24.0#



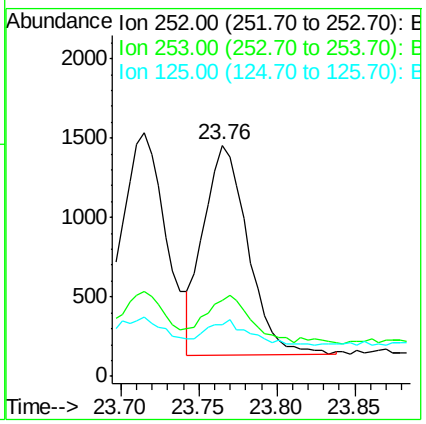


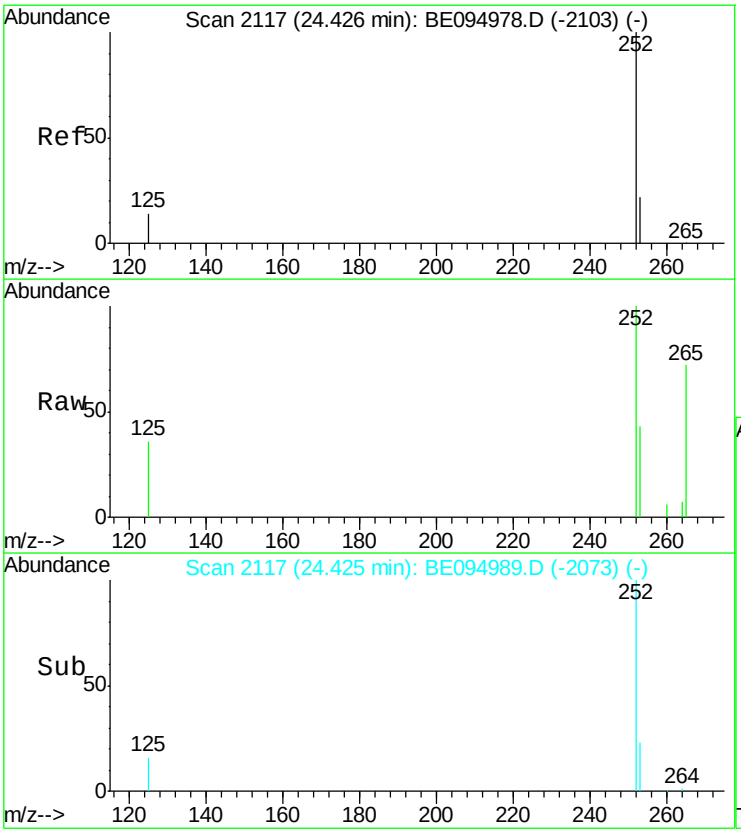
#36
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 23.76 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:252 Resp: 2615

Ion	Ratio	Lower	Upper
252	100		
253	32.9	16.0	24.0#
125	22.1	8.0	12.0#

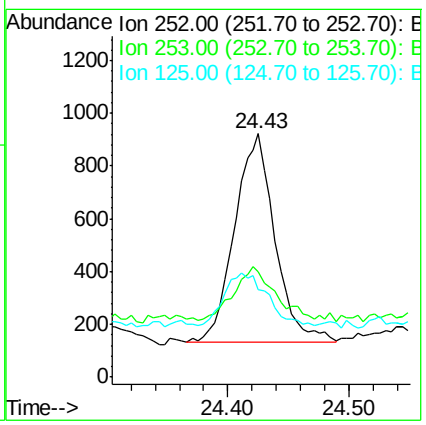


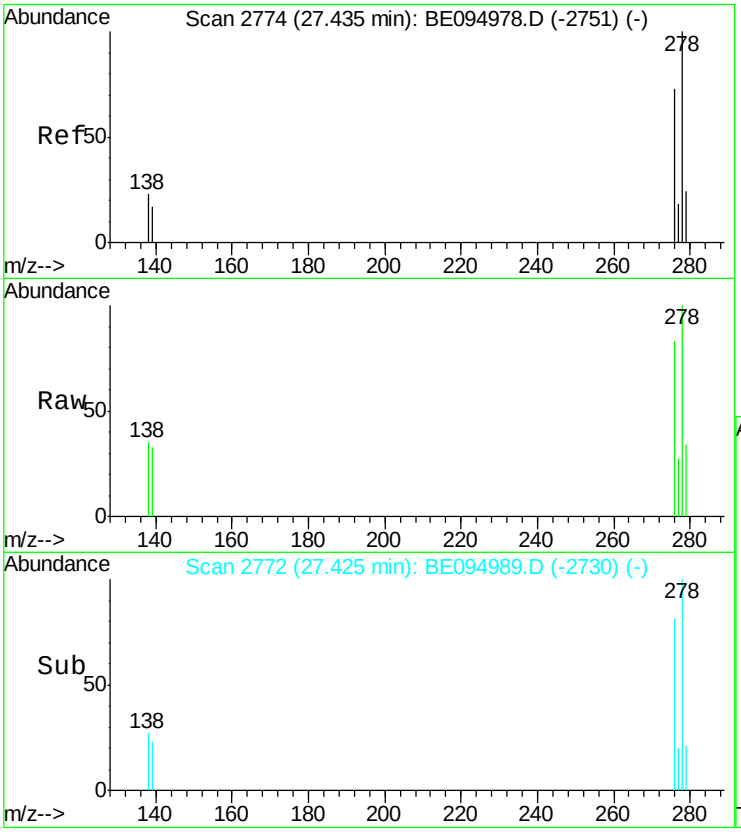


#37
Benzo(a)pyrene
Concen: 0.030 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:252 Resp: 1805

Ion	Ratio	Lower	Upper
252	100		
253	43.0	16.0	24.0#
125	35.9	12.0	18.0#



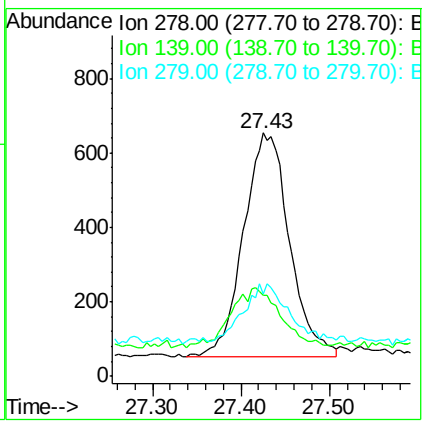


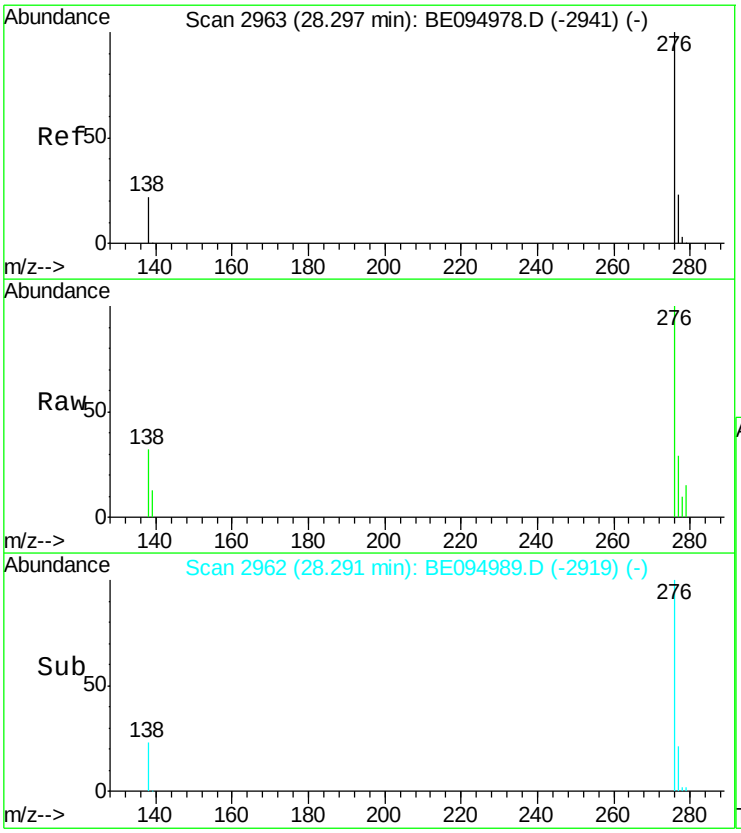
#38
Dibenzo(a,h)anthracene
Concen: 0.039 ng
RT: 27.43 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Instrument :
BNA_E
ClientSampleId :
KY038PS033-171211

Tgt Ion:278 Resp: 2159

Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.0	24.0#
279	33.9	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 28.29 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE094989.D
Acq: 14 Dec 2017 22:33

Tgt Ion:276 Resp: 2310

Ion	Ratio	Lower	Upper
276	100		
277	28.7	16.0	24.0#
138	31.6	20.0	30.0#