Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094988.D
Acq On : 14 Dec 2017 21:57
Operator : SJ/JU
Sample : I6876-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-171211

Quant Time: Dec 15 08:12:57 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	6856	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	14916	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8541	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	19226	0.40	ng		0.00
27) Chrysene-d12	21.87	240	22953	0.40	ng		0.00
34) Perylene-d12	24.55	264	19265	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2054	0.19	ng		0.00
5) Phenol-d6	7.59	99	1818	0.11	ng		0.00
8) Nitrobenzene-d5	9.65	82	5882	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9785	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1305	0.66	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	17940	0.47	ng		0.00
25) Fluoranthene-d10	19.75	212	111268	0.45	ng		0.00
29) Terphenyl-d14	20.31	244	24177	0.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	1015	0.150	ng	#	67
3) n-Nitrosodimethylamine	3.93	42	1206	0.151	ng	#	1
9) Naphthalene	11.38	128	5918	0.034	ng	#	96
22) Pentachlorophenol	17.43	266	44	0.095	ng		89
23) Phenanthrene	17.82	178	1221	0.020	ng	#	86
24) Anthracene	17.91	178	2379	0.039	ng	#	55
30) Benzo(a)anthracene	21.85	228	2959	0.044	ng	#	68
31) Chrysene	21.90	228	3582	0.047	ng	#	73
32) Bis(2-ethylhexyl)phthalate	21.73	149	31374	0.367	ng		100
33) Indeno(1,2,3-cd)pyrene	27.41	276	2765	0.045	ng	#	90
35) Benzo(b)fluoranthene	23.71	252	2778	0.039	ng	#	75
36) Benzo(k)fluoranthene	23.77	252	2647	0.037	ng	#	65
37) Benzo(a)pyrene	24.43	252	1835	0.029	ng	#	1
38) Dibenzo(a,h)anthracene	27.43	278	2318	0.040	ng	#	64
39) Benzo(g,h,i)perylene	28.29	276	2212	0.038	ng	#	78

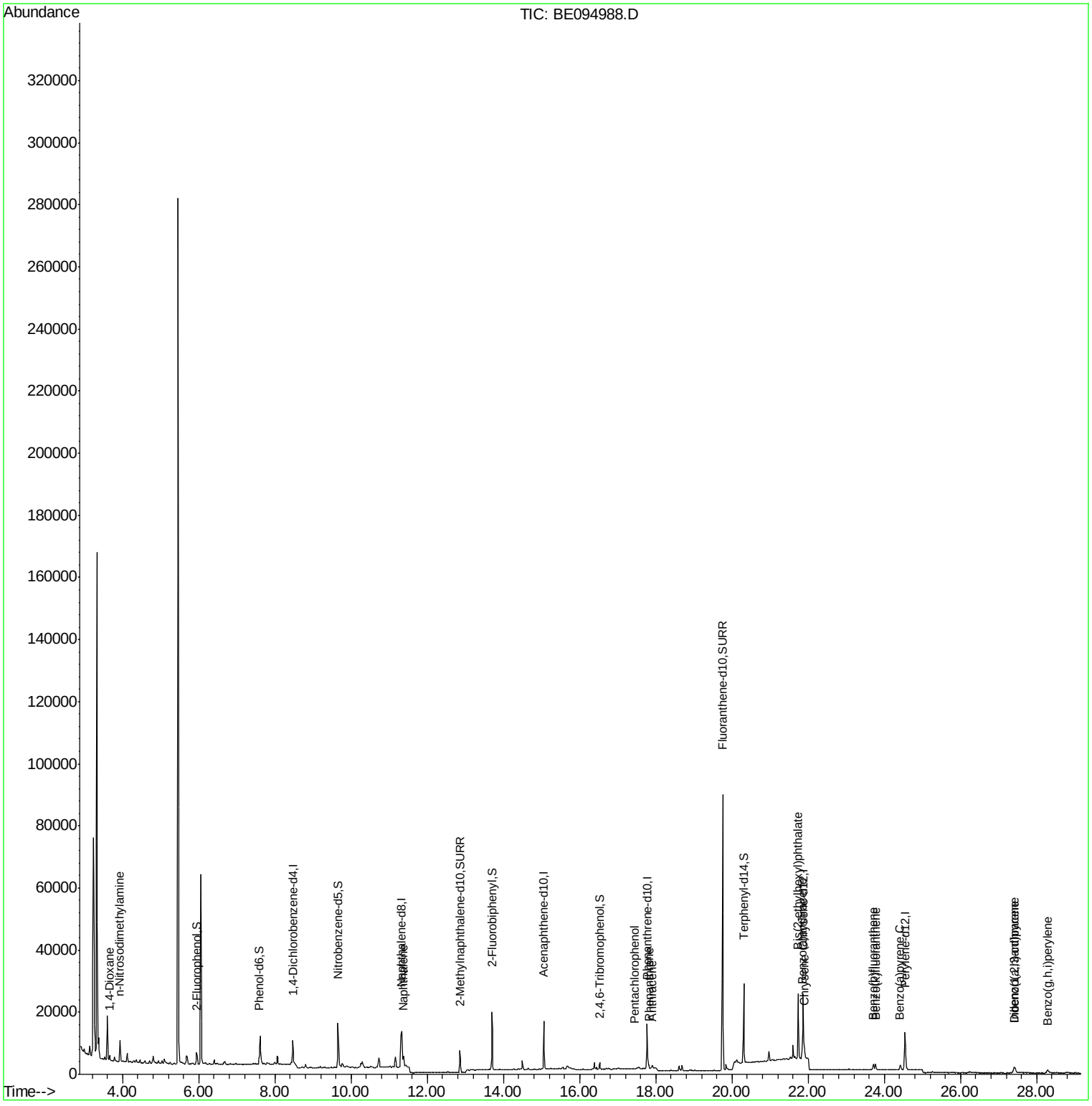
(#) = qualifier out of range (m) = manual integration (+) = signals summed

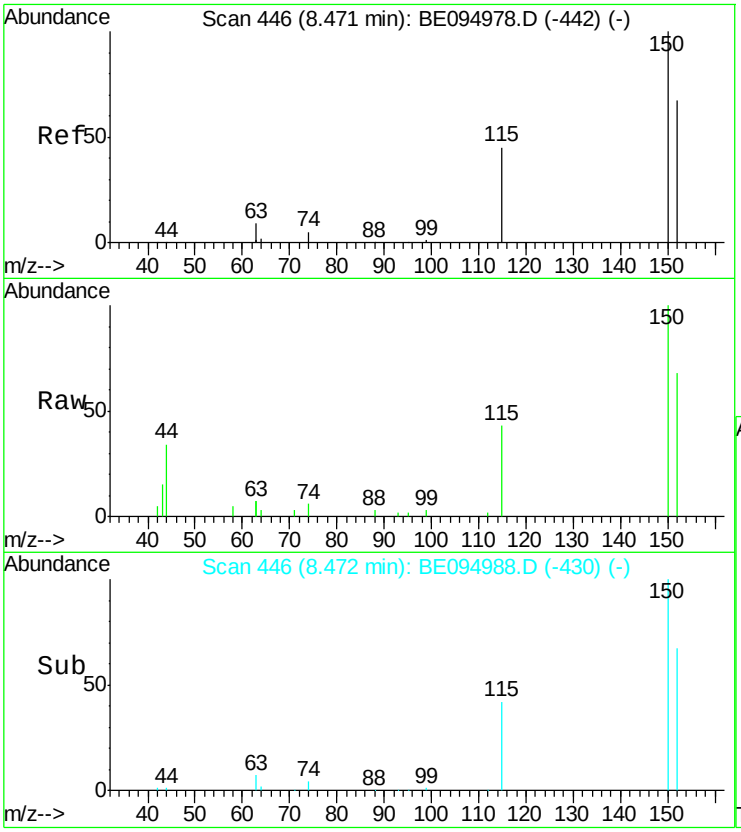
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094988.D
Acq On : 14 Dec 2017 21:57
Operator : SJ/JU
Sample : I6876-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Quant Time: Dec 15 08:12:57 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



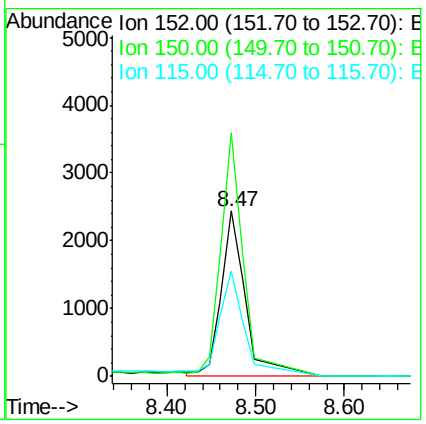


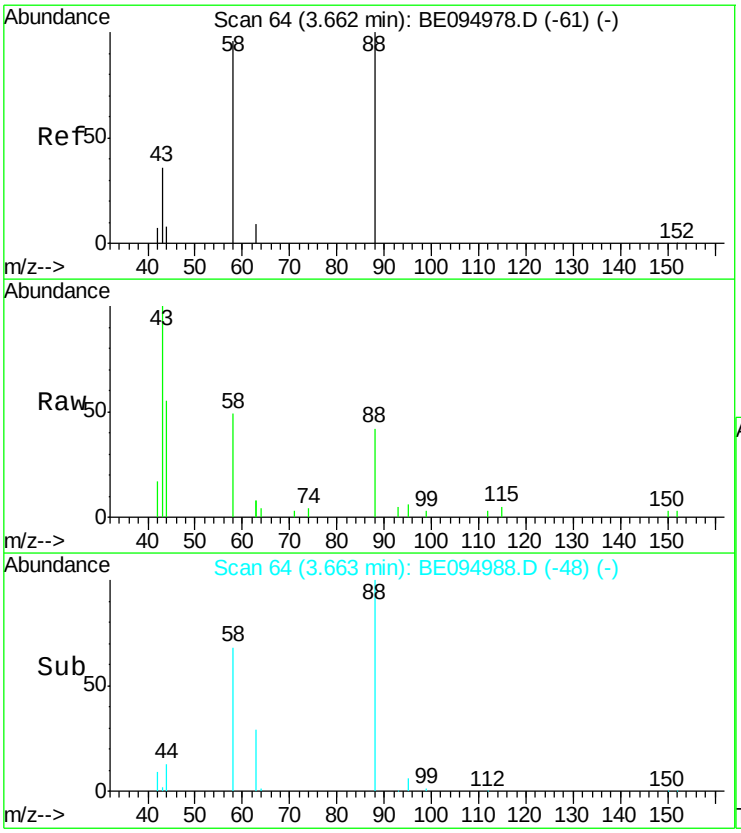
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:152 Resp: 6856

Ion	Ratio	Lower	Upper
152	100		
150	147.3	117.2	175.8
115	64.0	57.0	85.6

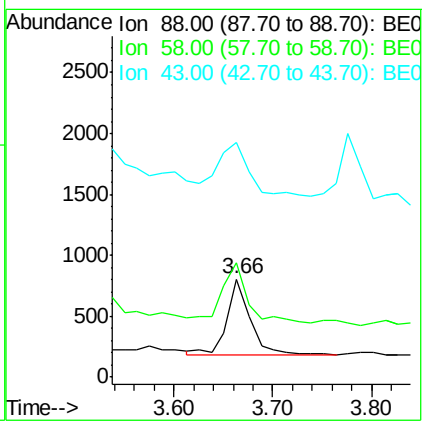


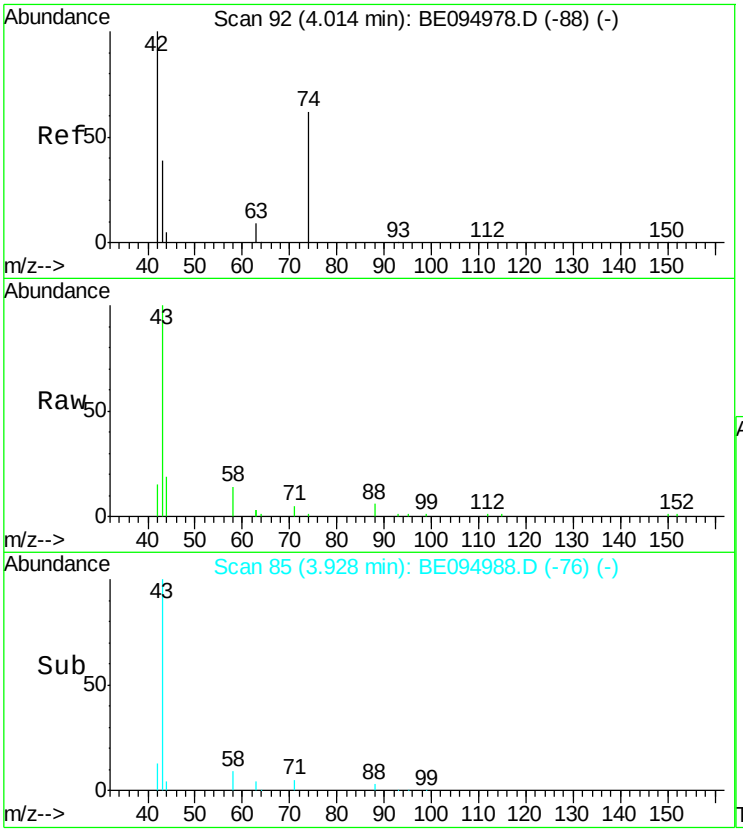


#2
1,4-Dioxane
Concen: 0.150 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion: 88 Resp: 1015

Ion	Ratio	Lower	Upper
88	100		
58	92.0	63.2	94.8
43	93.5	41.2	61.8#



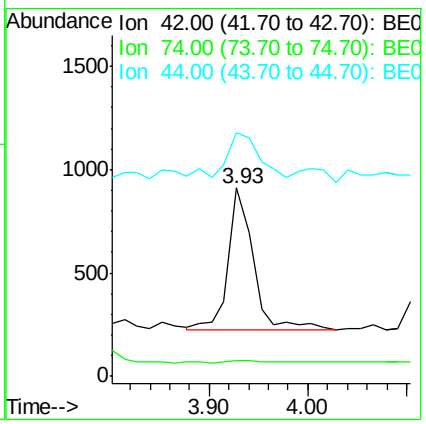


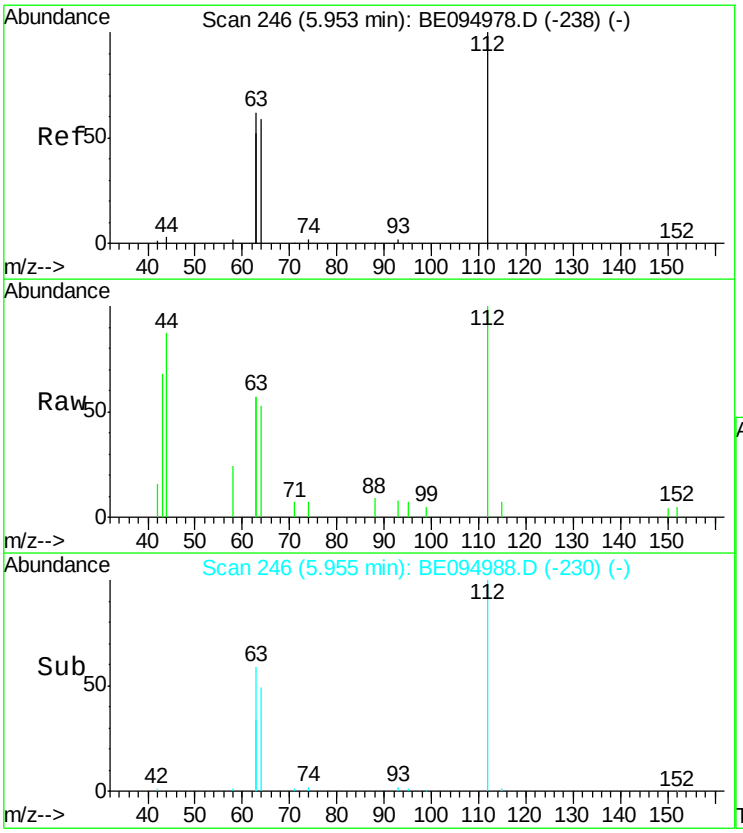
#3
n-Nitrosodimethylamine
Concen: 0.151 ng
RT: 3.93 min Scan# 85
Delta R.T. -0.09 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion: 42 Resp: 1206

Ion	Ratio	Lower	Upper
42	100		
74	1.7	96.0	144.0#
44	46.3	12.0	18.0#

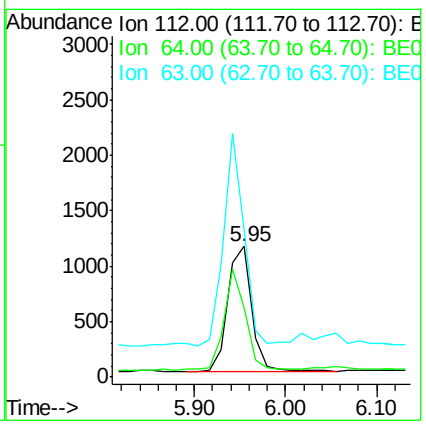


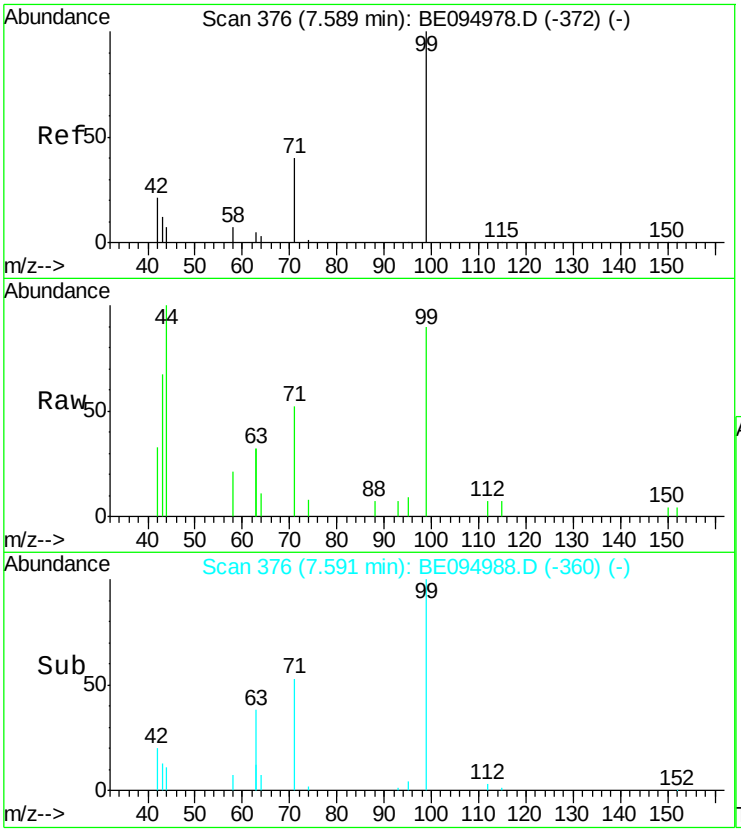


#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:112 Resp: 2054

Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	149.9	116.8	175.2



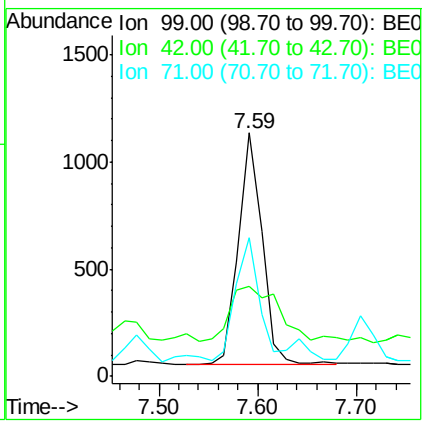


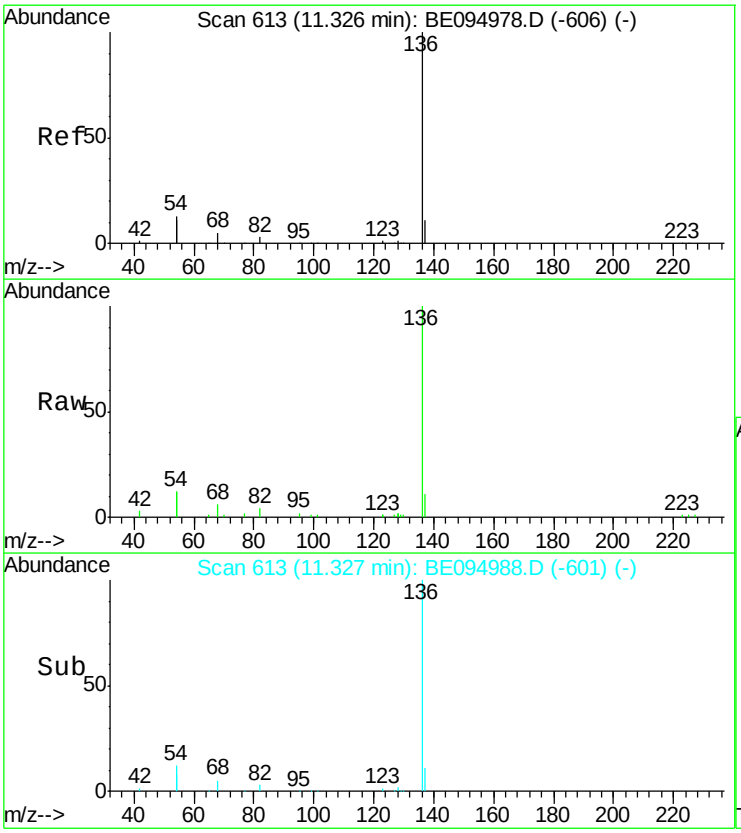
#5
Phenol-d6
Concen: 0.115 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion: 99 Resp: 1818

Ion	Ratio	Lower	Upper
99	100		
42	52.1	20.2	30.2#
71	53.5	28.4	42.6#

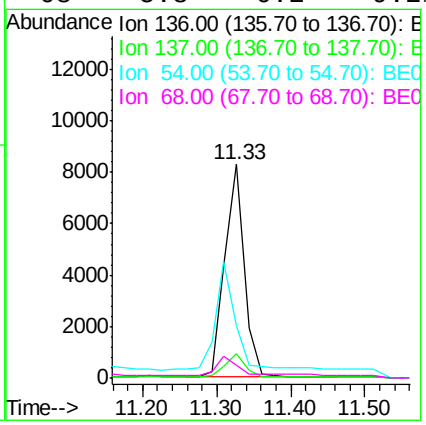


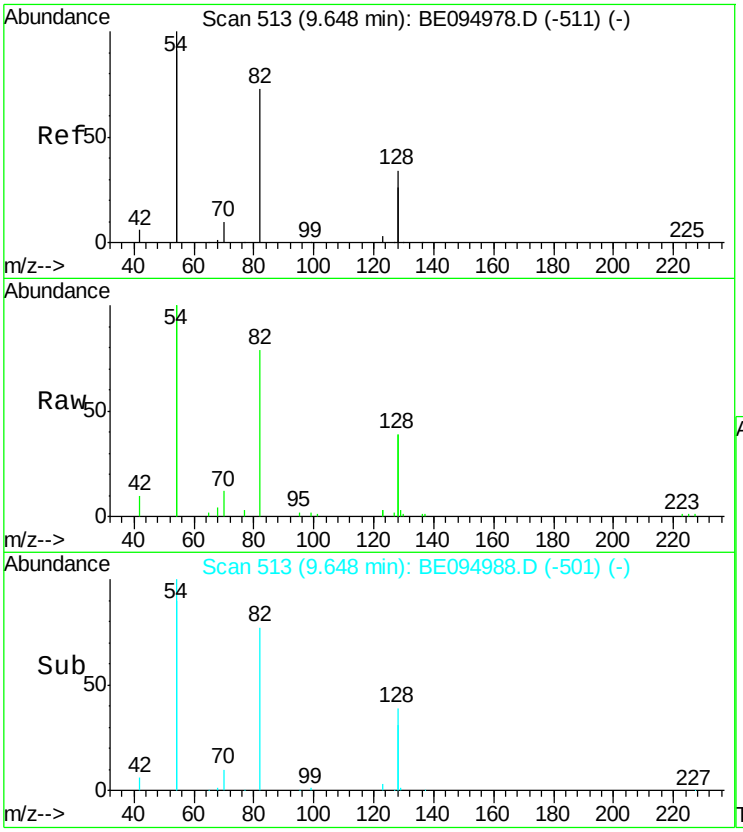


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:136 Resp: 14916

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	24.5	29.1	43.7#
68	5.8	6.2	9.2#



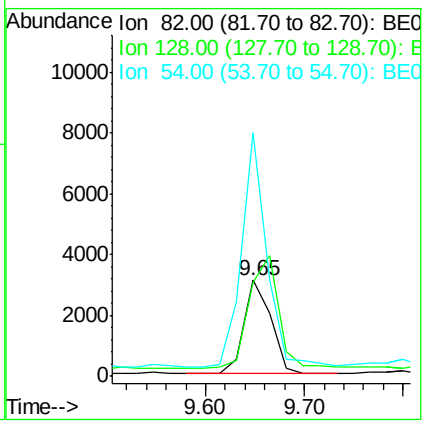


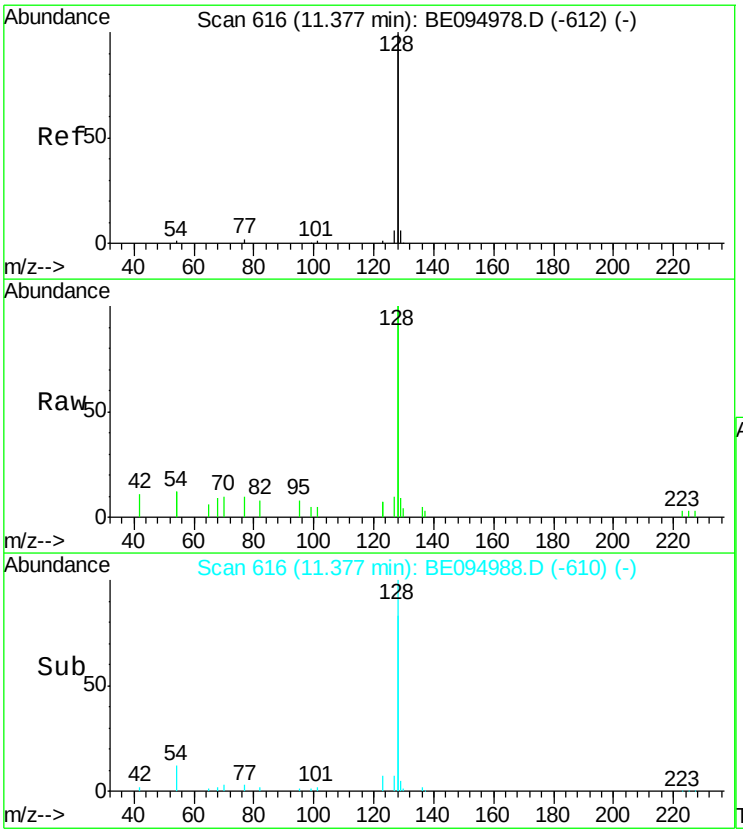
#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 9.65 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion: 82 Resp: 5882

Ion	Ratio	Lower	Upper
82	100		
128	98.0	150.0	225.0#
54	253.6	154.2	231.4#

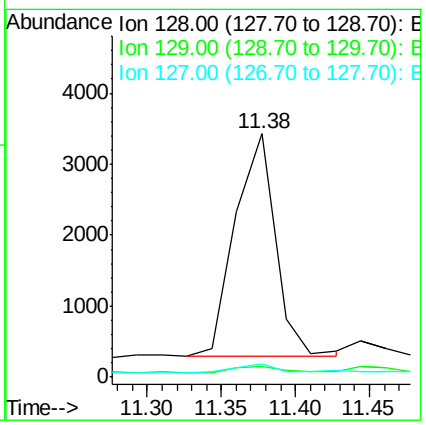


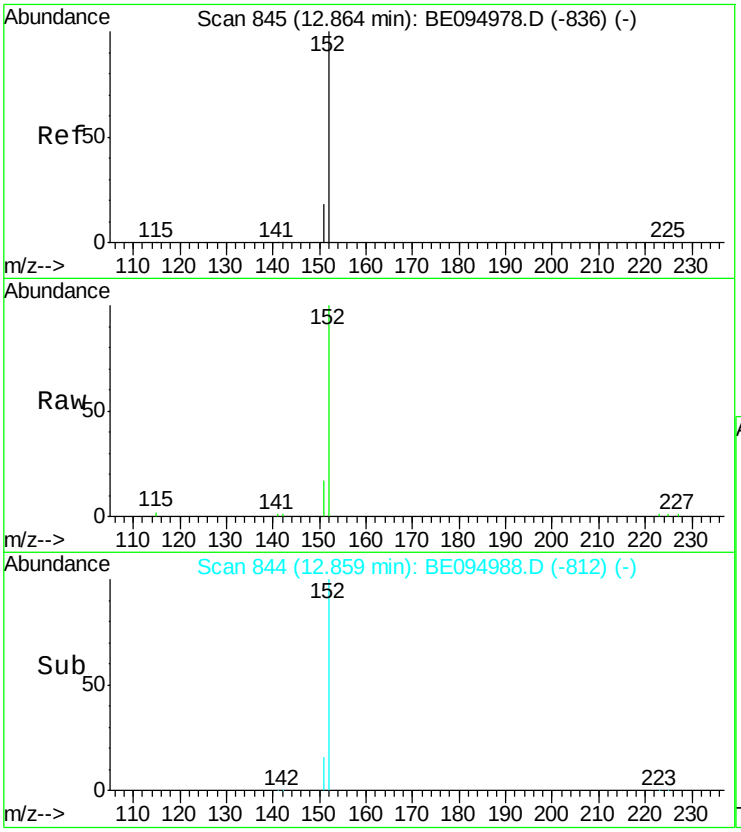


#9
Naphthalene
Concen: 0.034 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:128 Resp: 5918

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.6	3.8#
127	5.2	2.8	4.2#



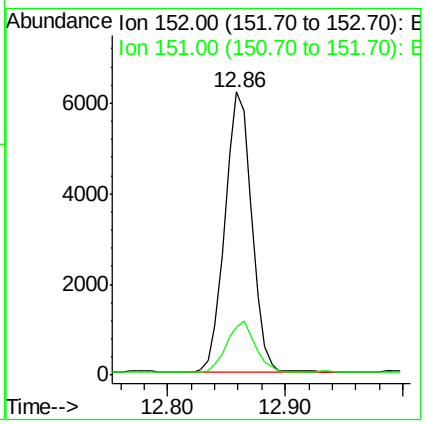


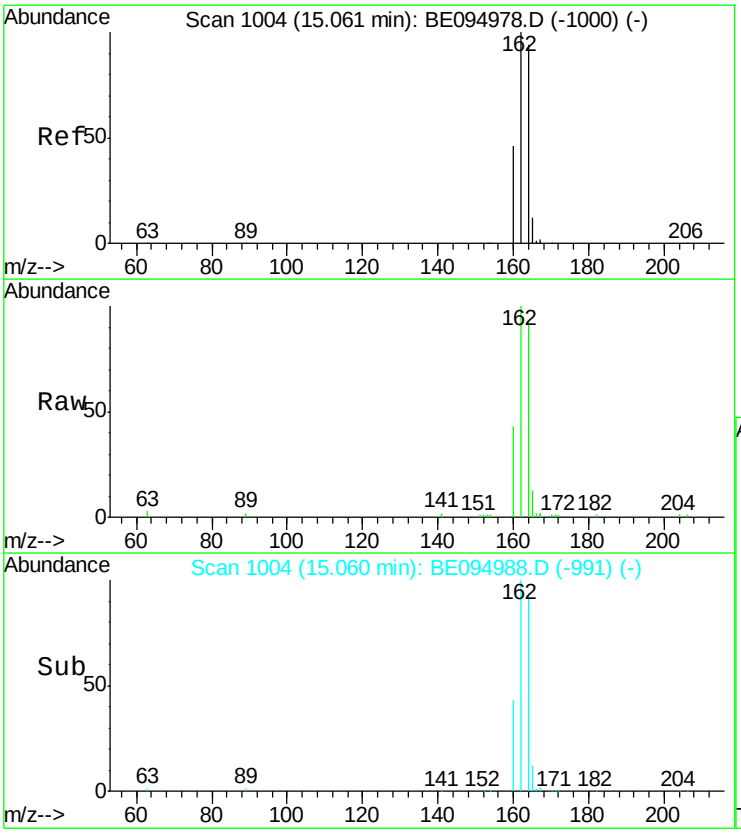
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.86 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:152 Resp: 9785

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

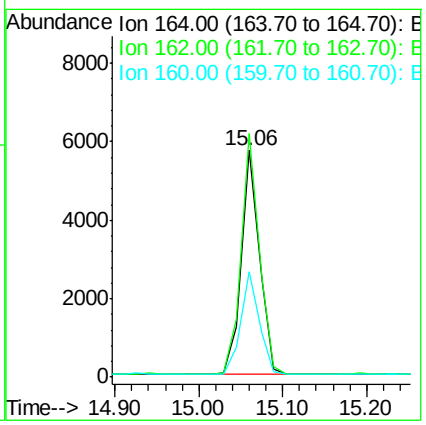


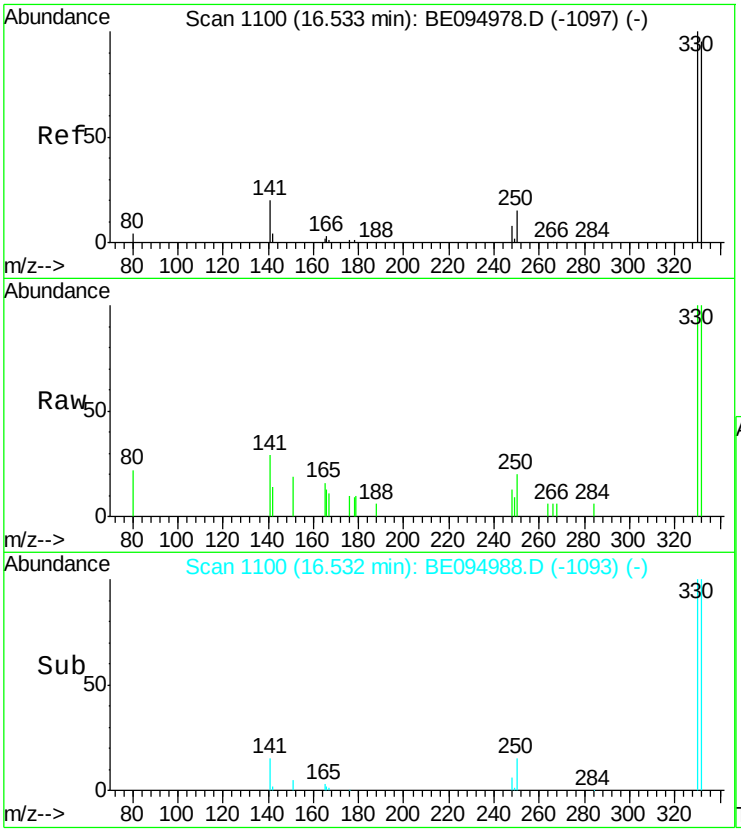


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:164 Resp: 8541

Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.1	124.7
160	46.4	37.1	55.7



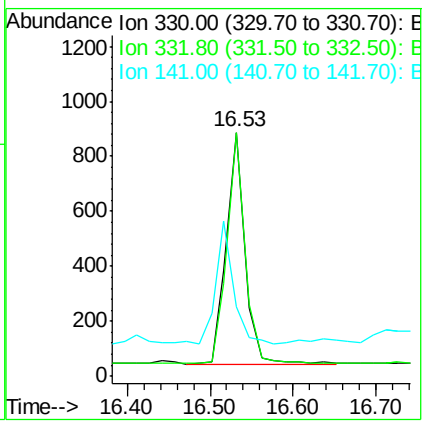


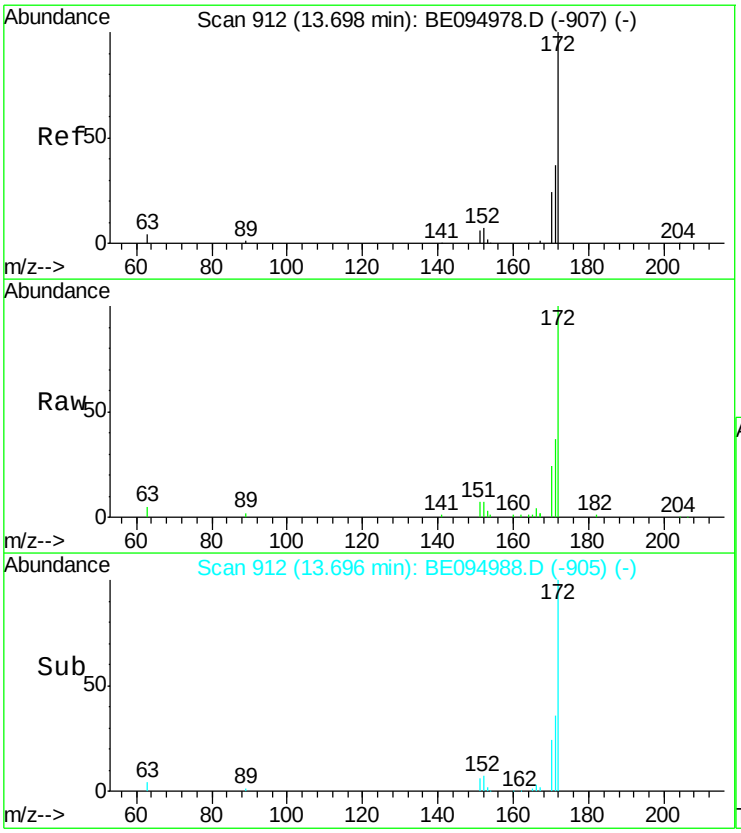
#14
2,4,6-Tribromophenol
Concen: 0.657 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:330 Resp: 1305

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	50.3	33.7	50.5

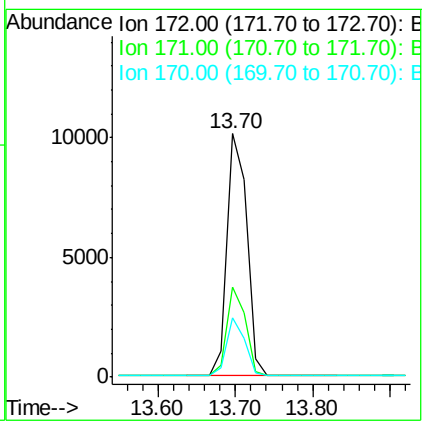


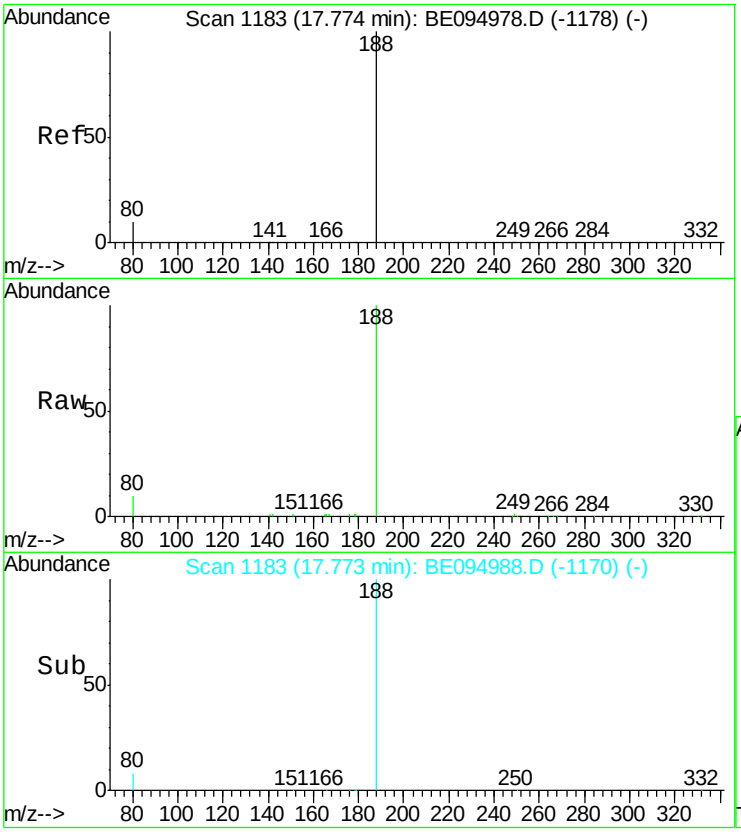


#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:172 Resp: 17940

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.2	21.8	32.8



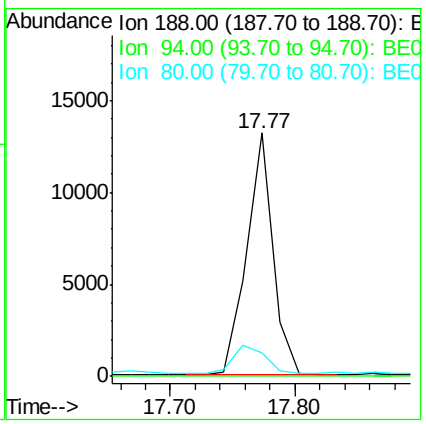


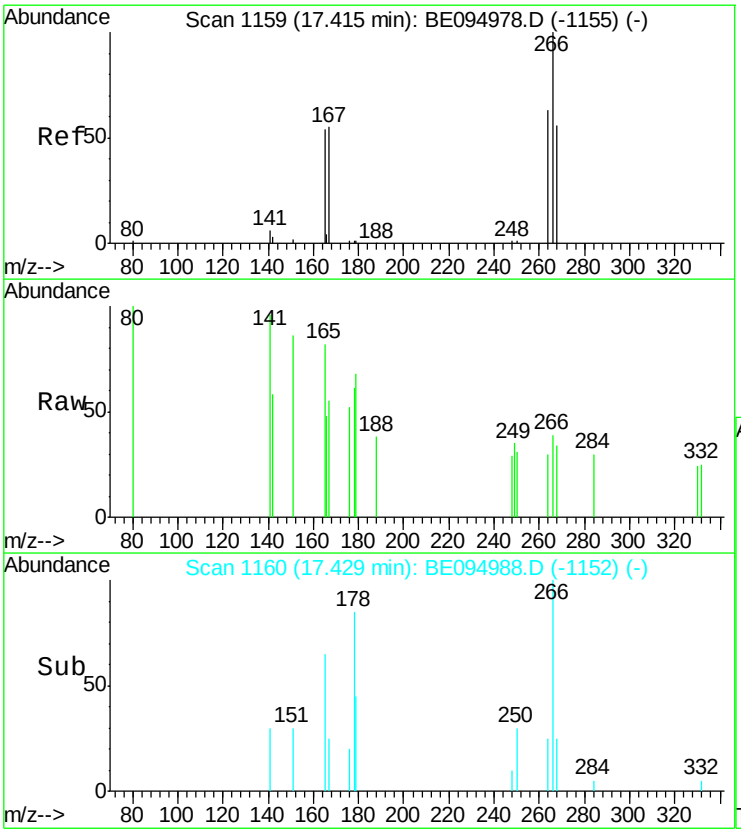
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:188 Resp: 19226

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

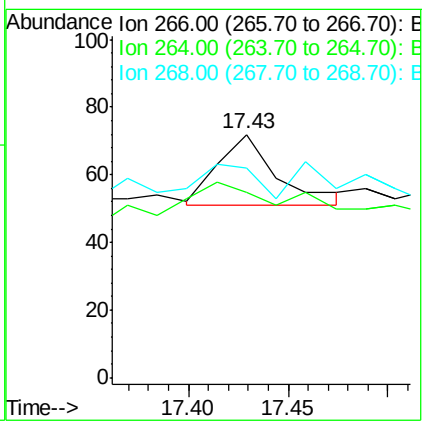


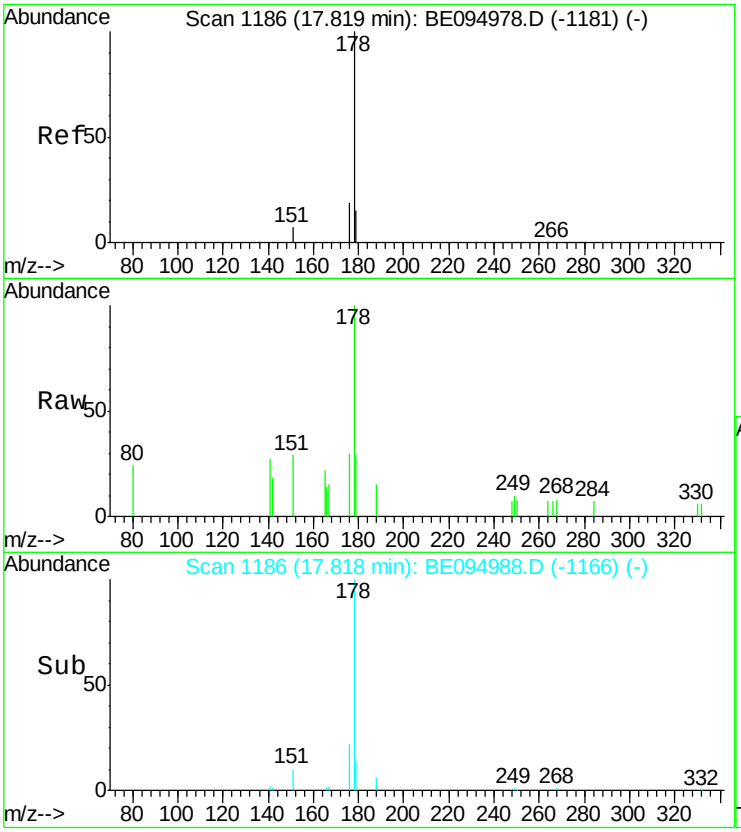


#22
Pentachlorophenol
Concen: 0.095 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
264	76.4	72.5	108.7
268	86.1	73.8	110.6



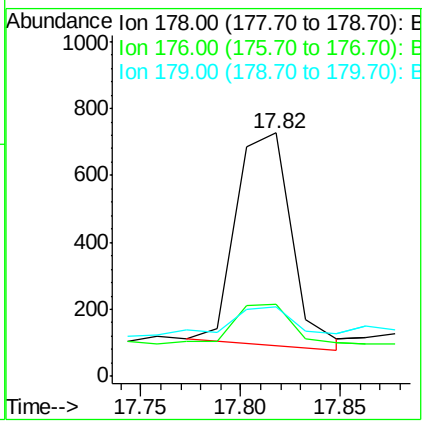


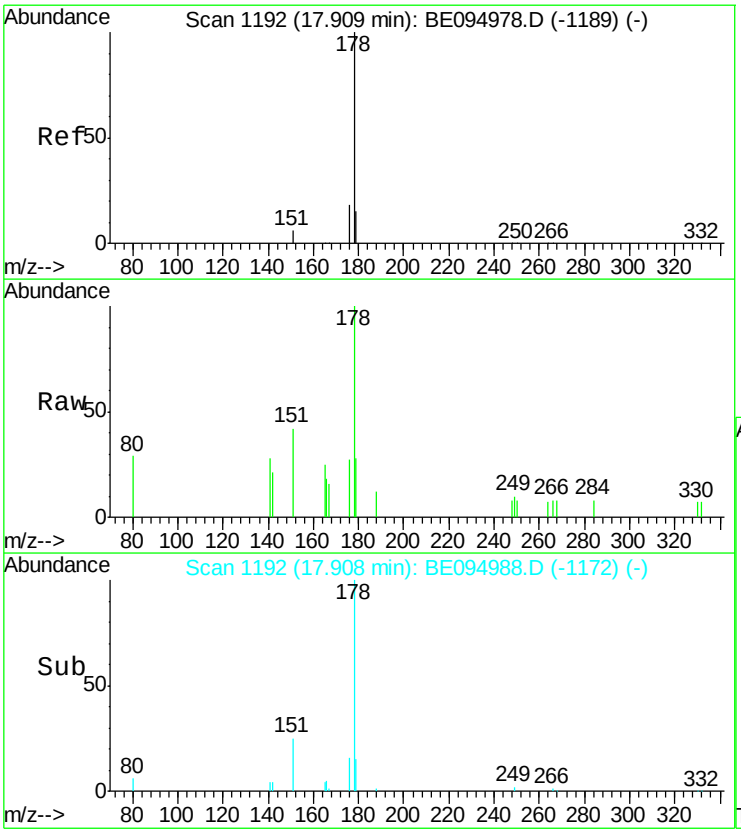
#23
Phenanthrene
Concen: 0.020 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:178 Resp: 1221

Ion	Ratio	Lower	Upper
178	100		
176	29.2	15.1	22.7#
179	14.1	11.8	17.6

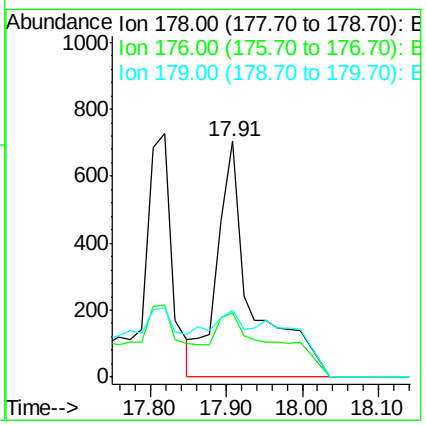


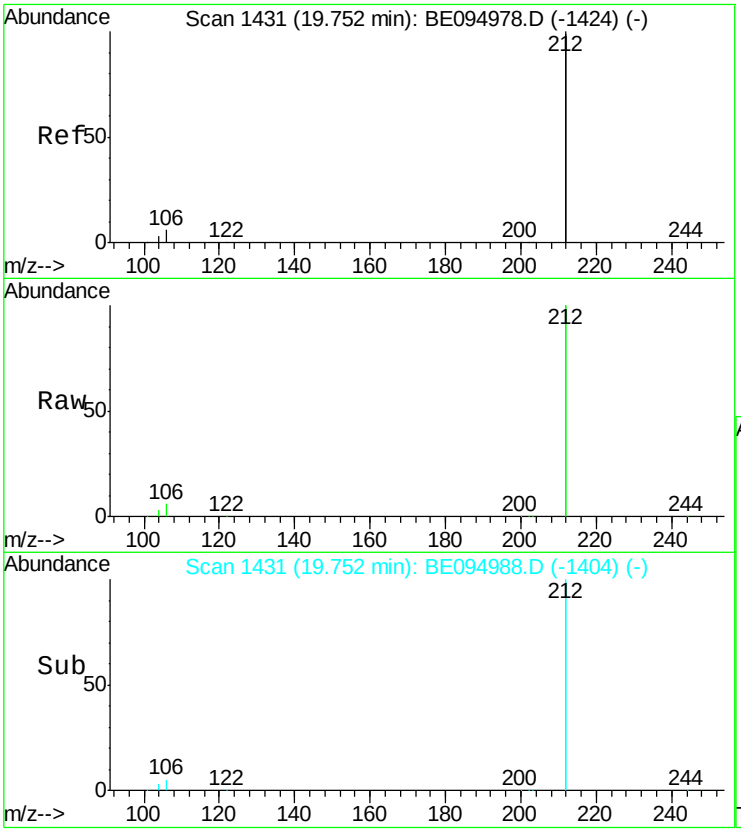


#24
Anthracene
Concen: 0.039 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:178 Resp: 2379

Ion	Ratio	Lower	Upper
178	100		
176	42.9	12.8	19.2#
179	4.4	13.0	19.6#



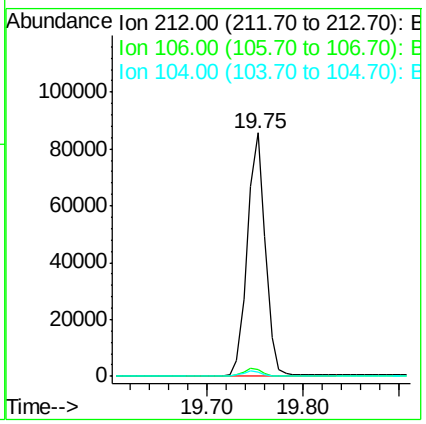


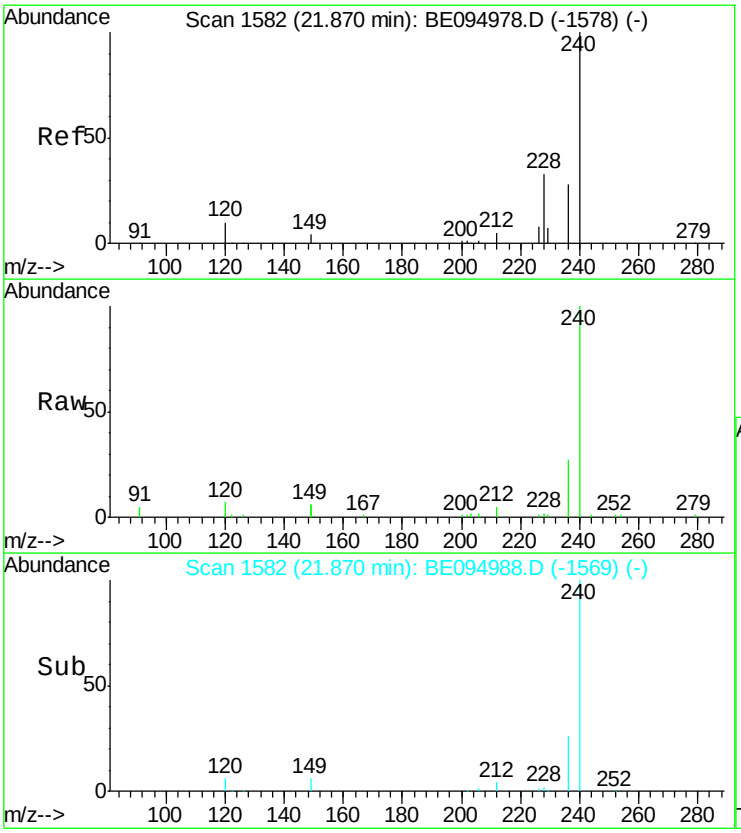
#25
Fluoranthene-d10
Concen: 0.446 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:212 Resp: 111268

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

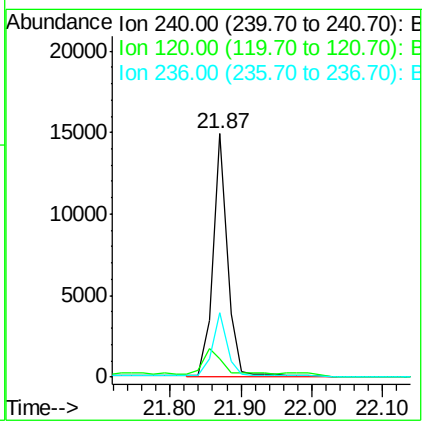


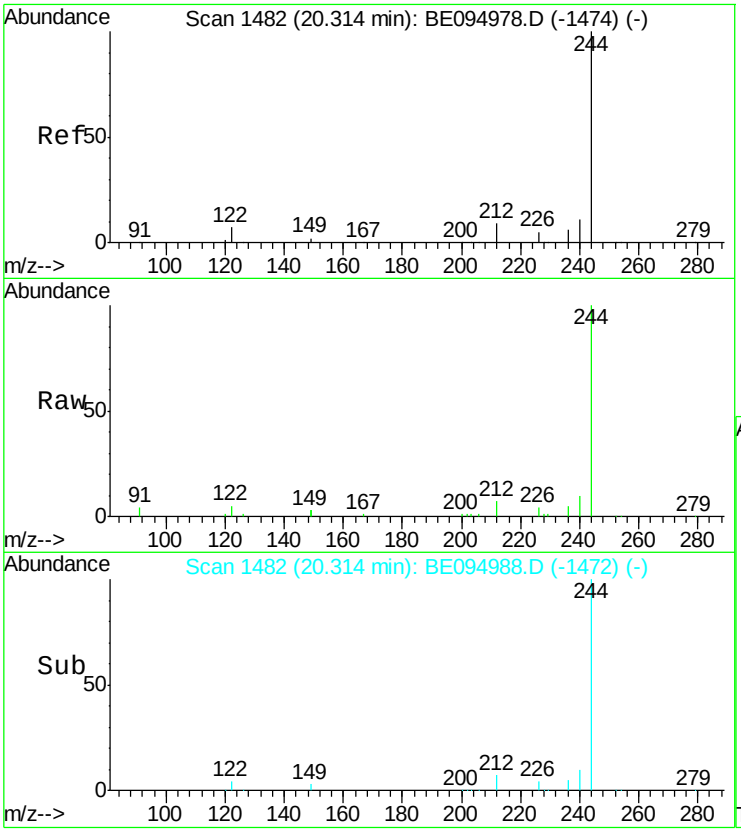


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:240 Resp: 22953

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.6	20.7	31.1



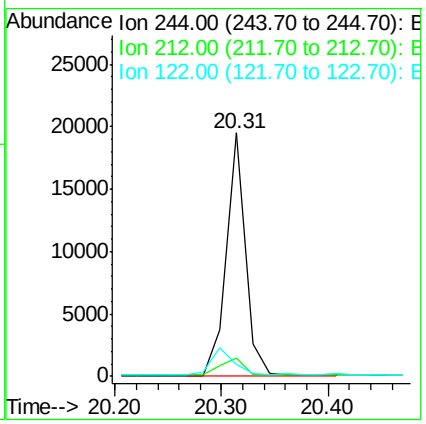


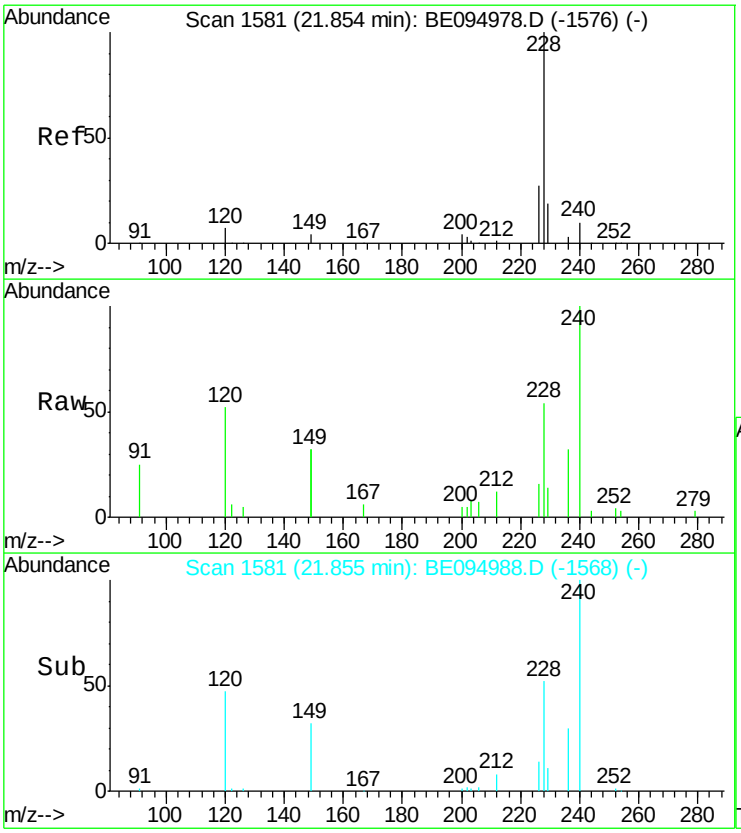
#29
Terphenyl-d14
Concen: 0.560 ng
RT: 20.31 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:244 Resp: 24177

Ion	Ratio	Lower	Upper
244	100		
212	7.3	25.4	38.0#
122	5.1	8.1	12.1#

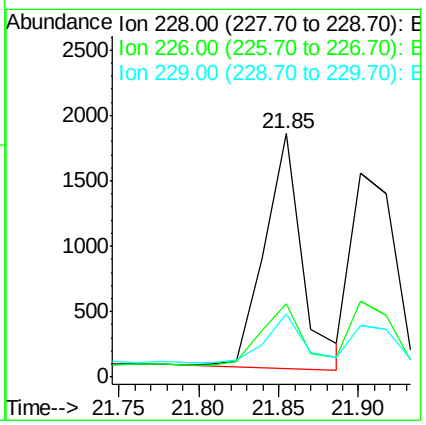


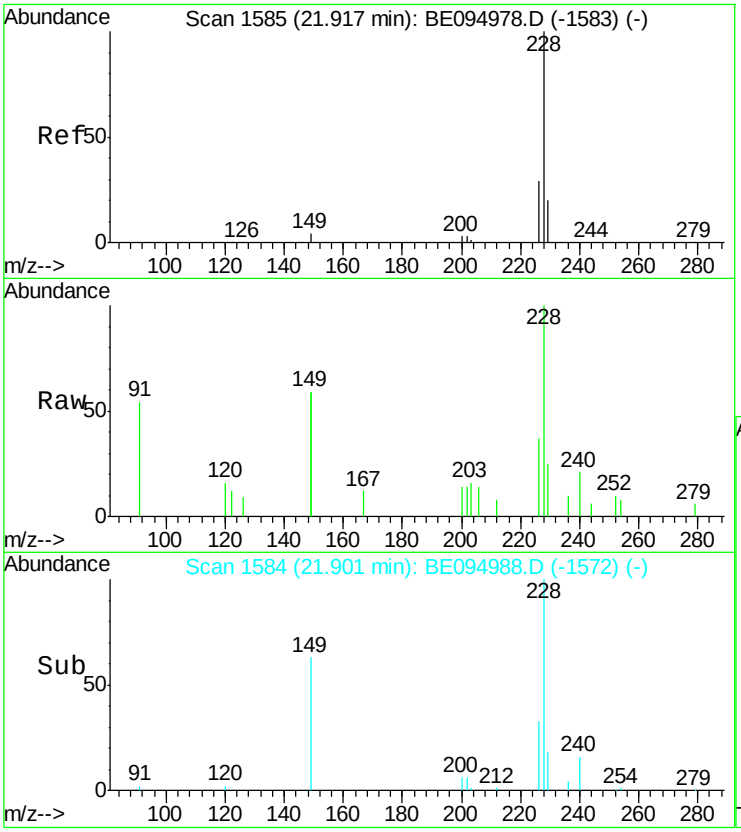


#30
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.85 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:228 Resp: 2959

Ion	Ratio	Lower	Upper
228	100		
226	29.9	40.0	60.0#
229	26.0	40.0	60.0#



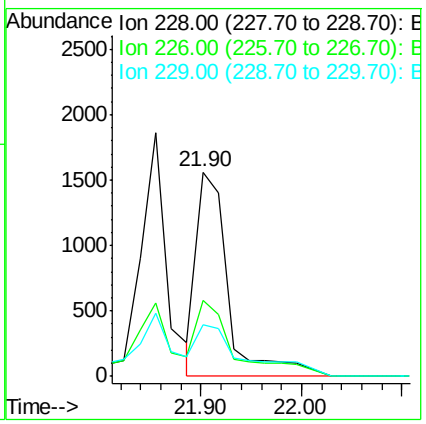


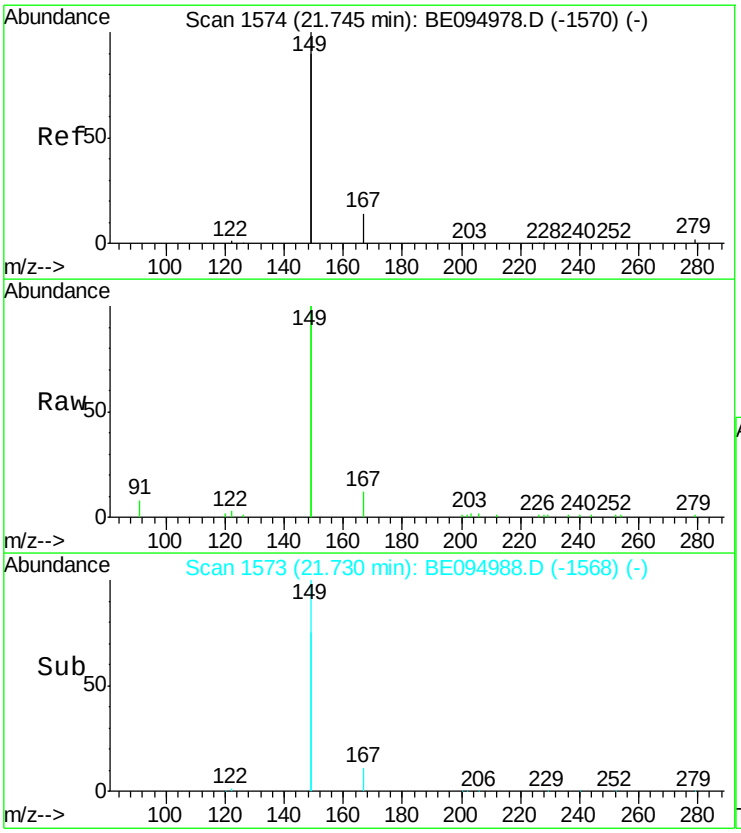
#31
Chrysene
Concen: 0.047 ng
RT: 21.90 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:228 Resp: 3582

Ion	Ratio	Lower	Upper
228	100		
226	37.3	40.0	60.0#
229	25.1	40.0	60.0#

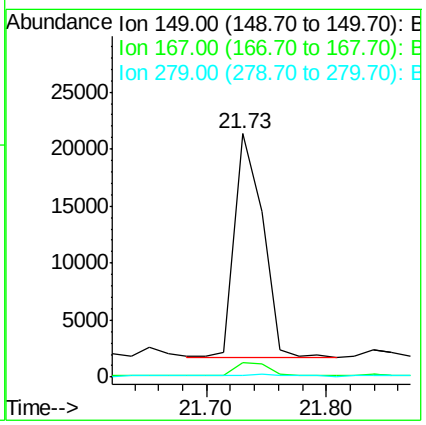


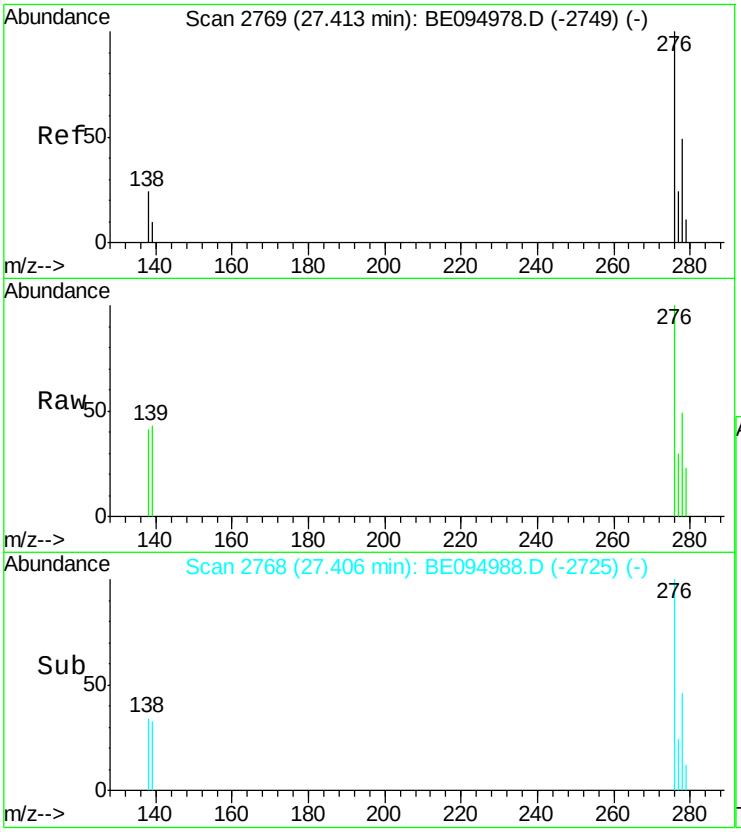


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.73 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:149 Resp: 31374

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



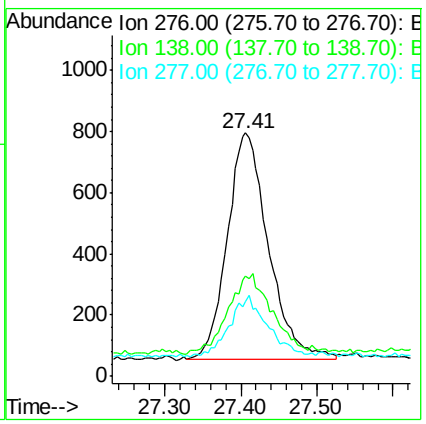


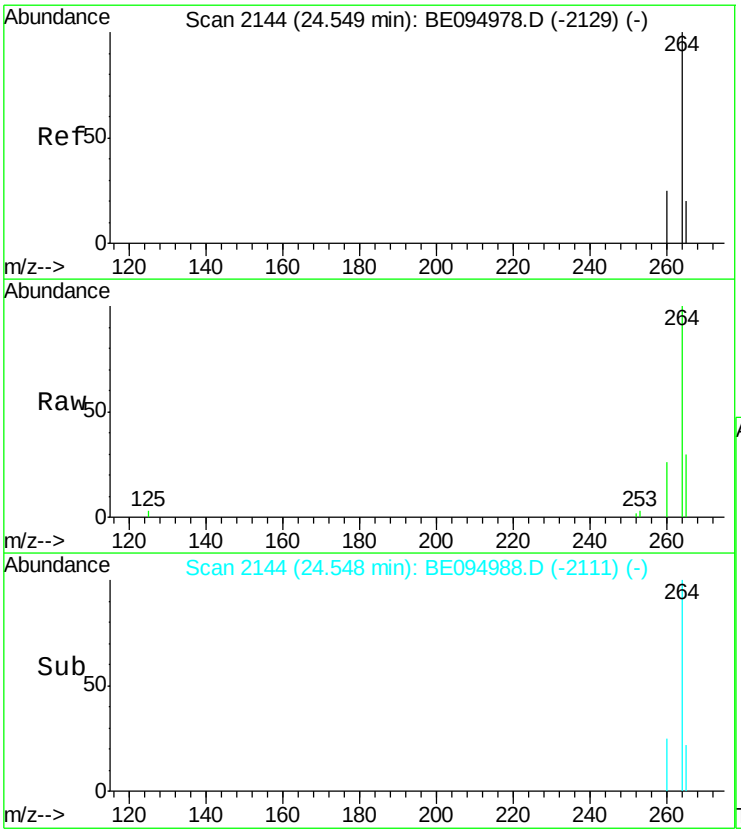
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng
RT: 27.41 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:276 Resp: 2765

Ion	Ratio	Lower	Upper
276	100		
138	38.1	22.5	33.7#
277	25.4	19.9	29.9

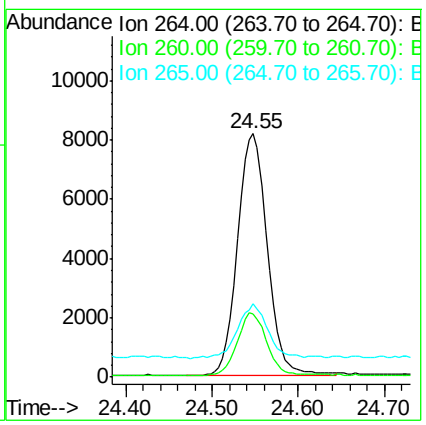


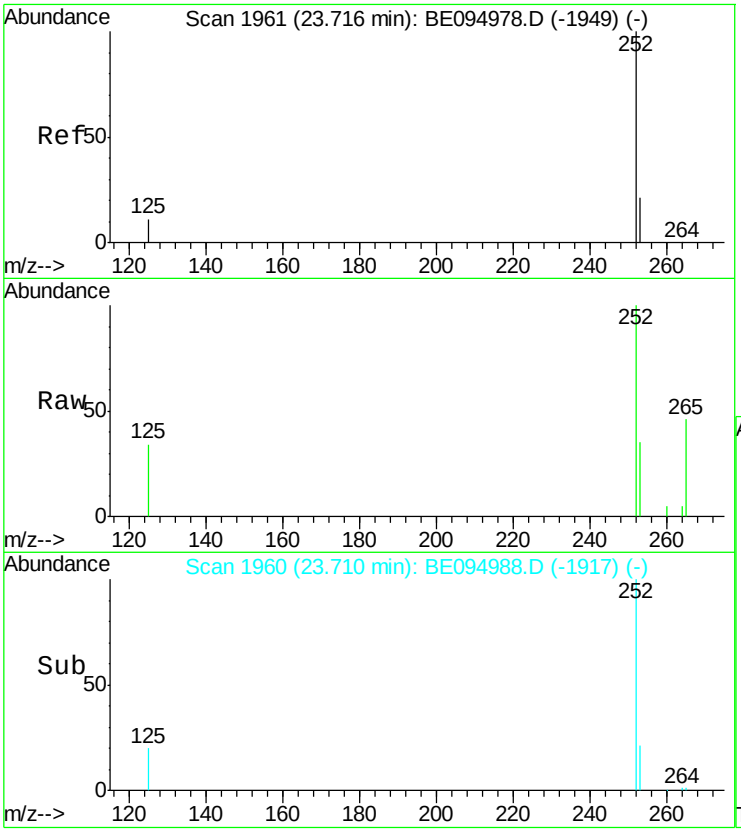


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:264 Resp: 19265

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	29.9	22.8	34.2



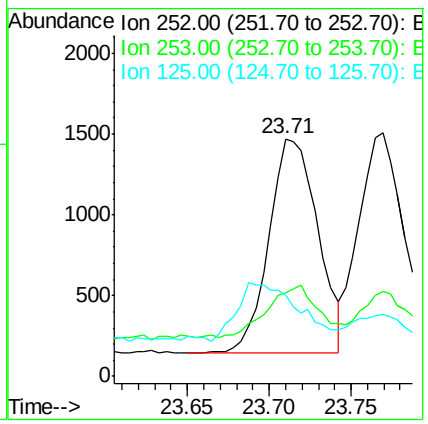


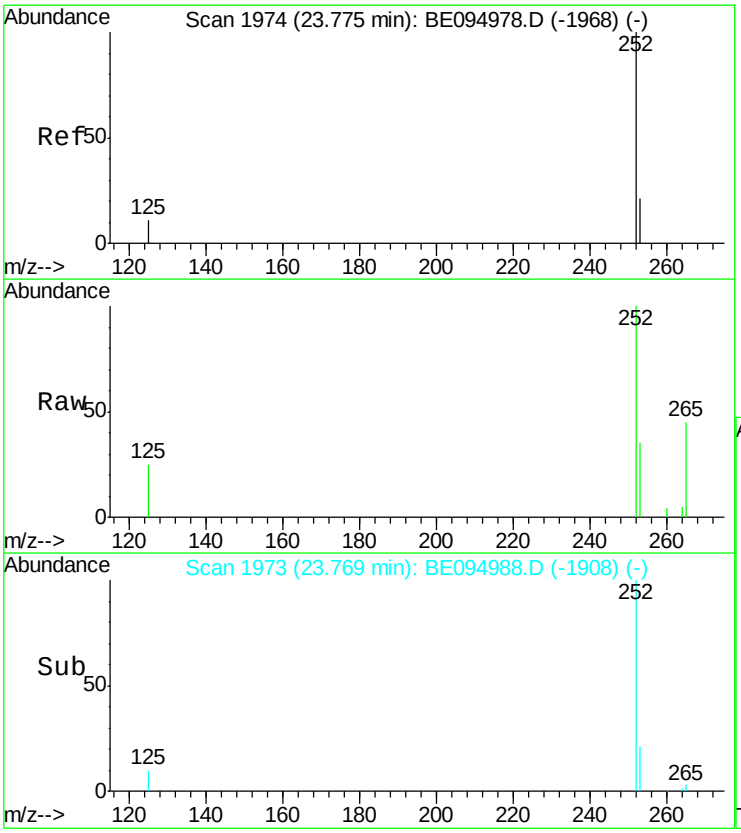
#35
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.71 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:252 Resp: 2778

Ion	Ratio	Lower	Upper
252	100		
253	35.4	20.0	30.0#
125	34.0	16.0	24.0#

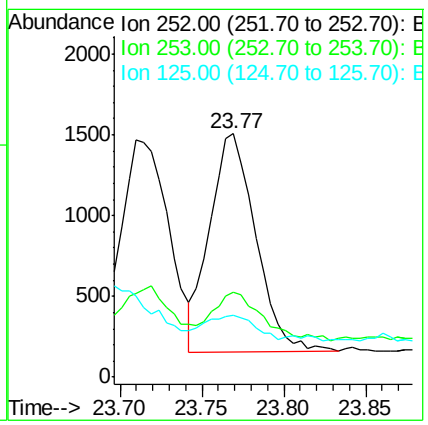


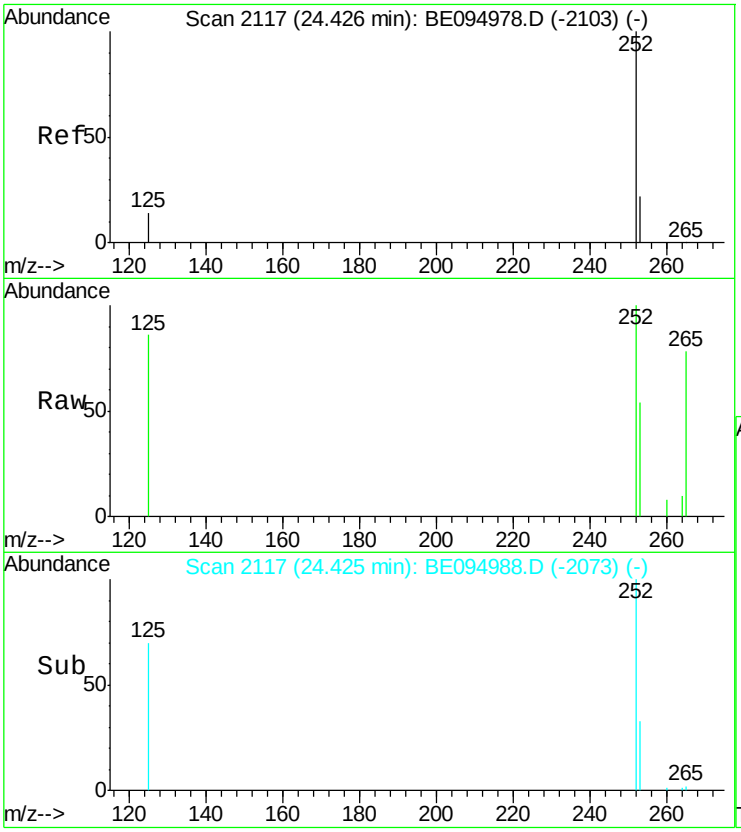


#36
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 23.77 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:252 Resp: 2647

Ion	Ratio	Lower	Upper
252	100		
253	34.6	16.0	24.0#
125	25.3	8.0	12.0#



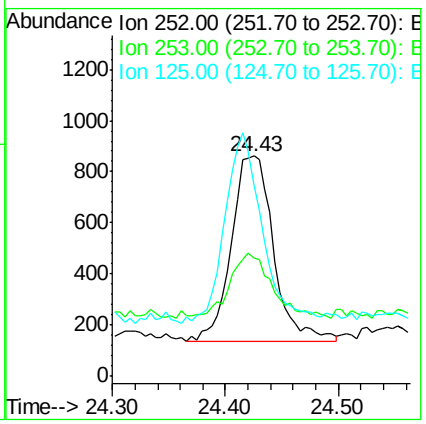


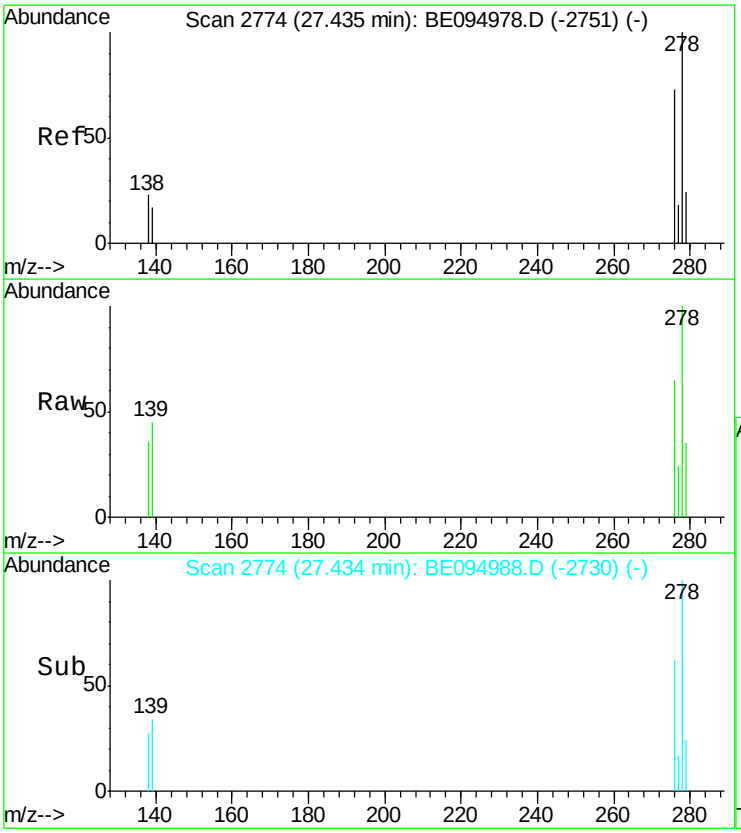
#37
Benzo(a)pyrene
Concen: 0.029 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:252 Resp: 1835

Ion	Ratio	Lower	Upper
252	100		
253	53.5	16.0	24.0#
125	86.1	12.0	18.0#

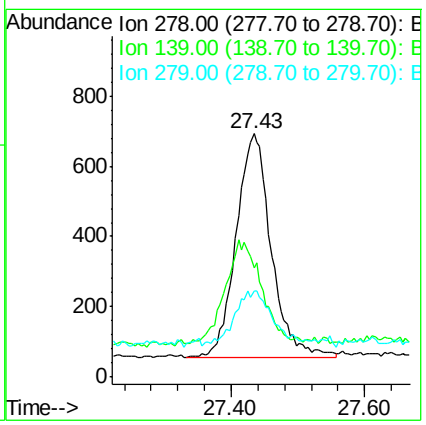


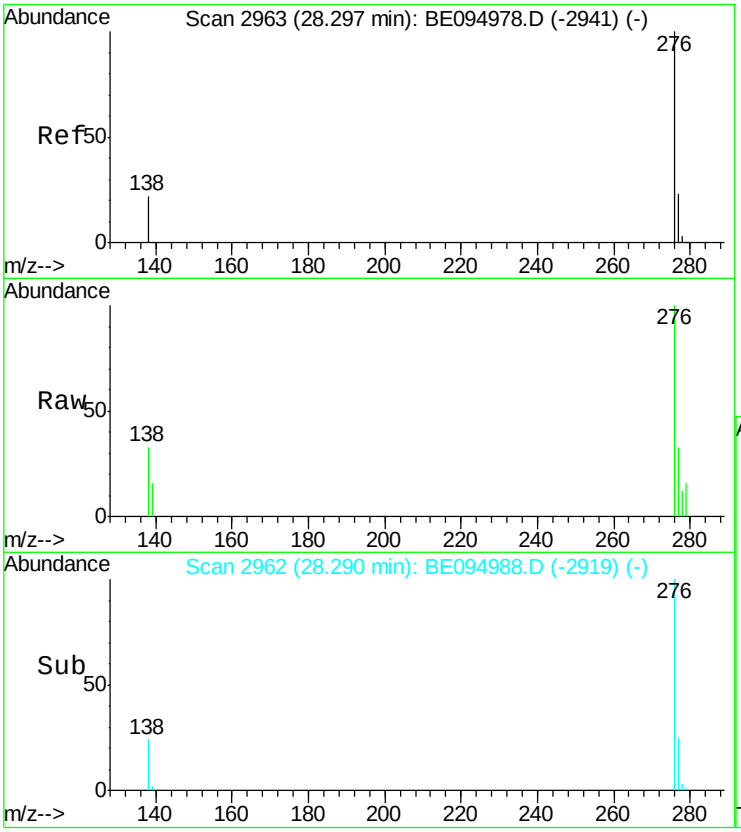


#38
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion:278 Resp: 2318

Ion	Ratio	Lower	Upper
278	100		
139	45.0	16.0	24.0#
279	35.4	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 28.29 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tgt Ion:276 Resp: 2212

Ion	Ratio	Lower	Upper
276	100		
277	32.8	16.0	24.0#
138	33.4	20.0	30.0#