Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096267.D
Acq On : 1 May 2018 21:06
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 02 01:58:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	801	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	3097	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	1772	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	4223	0.40	ng		0.00
27) Chrysene-d12	21.74	240	4076	0.40	ng		0.00
34) Perylene-d12	24.35	264	3969	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.88	112	986	0.40	ng		0.01
5) Phenol-d6	7.52	99	1390	0.41	ng		0.01
8) Nitrobenzene-d5	9.45	82	124	0.03	ng		-0.09
11) 2-Methylnaphthalene-d10	12.73	152	1904	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	350	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	2830	0.37	ng		0.00
25) Fluoranthene-d10	19.64	212	20287	0.35	ng		0.00
29) Terphenyl-d14	20.19	244	3644	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	404	0.327	ng		87
3) n-Nitrosodimethylamine	3.96	42	629	0.415	ng	#	78
6) bis(2-Chloroethyl)ether	7.76	93	1186	0.394	ng		90
9) Naphthalene	11.24	128	12307	0.377	ng		99
10) Hexachlorobutadiene	11.50	225	458	0.316	ng		95
12) 2-Methylnaphthalene	12.81	142	2082	0.385	ng		96
16) Acenaphthylene	14.67	152	3611	0.382	ng		99
17) Acenaphthene	15.00	154	2160	0.380	ng		95
18) Fluorene	15.97	166	3354	0.477	ng	#	72
20) 4-Bromophenyl-phenylether	16.83	248	957	0.381	ng	#	71
21) Hexachlorobenzene	16.96	284	934	0.374	ng	#	81
22) Pentachlorophenol	17.31	266	407	0.489	ng	#	80
23) Phenanthrene	17.70	178	4359	0.367	ng		99
24) Anthracene	17.78	178	4316	0.381	ng	#	94
26) Fluoranthene	19.67	202	5492	0.352	ng		97
28) Pyrene	20.00	202	341	0.042	ng	#	79
30) Benzo(a)anthracene	21.73	228	4986	0.381	ng		98
31) Chrysene	21.79	228	4856	0.385	ng		95
32) Bis(2-ethylhexyl)phthalate	21.60	149	15526	0.460	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4978	0.407	ng		94
35) Benzo(b)fluoranthene	23.54	252	4475	0.376	ng		94
36) Benzo(k)fluoranthene	23.59	252	4579	0.374	ng	#	83
37) Benzo(a)pyrene	24.23	252	4331	0.378	ng	#	84
38) Dibenzo(a,h)anthracene	27.14	278	4163	0.413	ng	#	90
39) Benzo(g,h,i)perylene	28.00	276	4179	0.392	ng	#	91

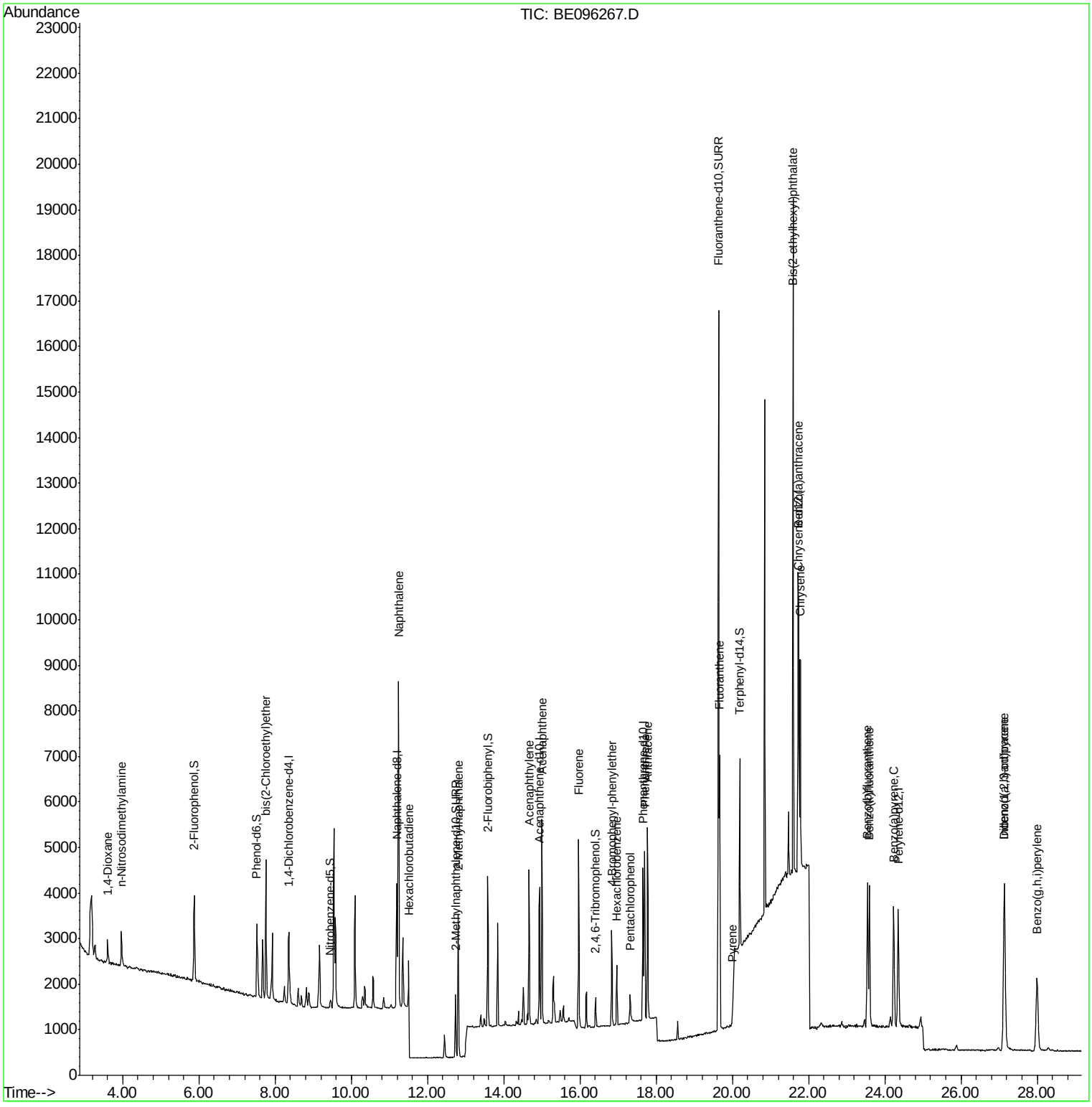
(#) = qualifier out of range (m) = manual integration (+) = signals summed

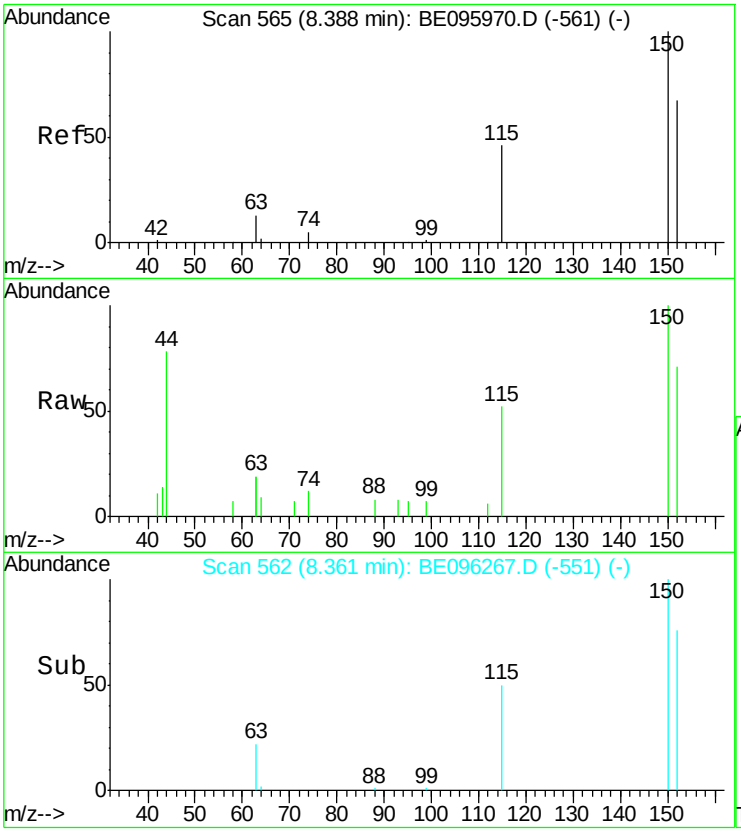
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096267.D
Acq On : 1 May 2018 21:06
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 02 01:58:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



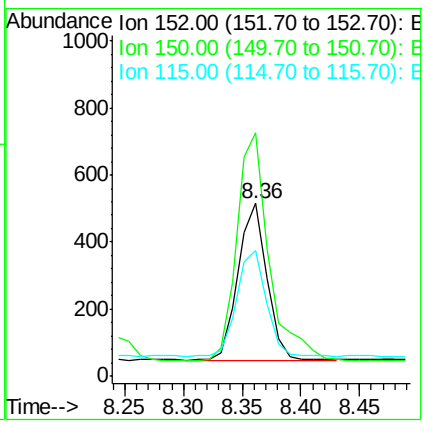


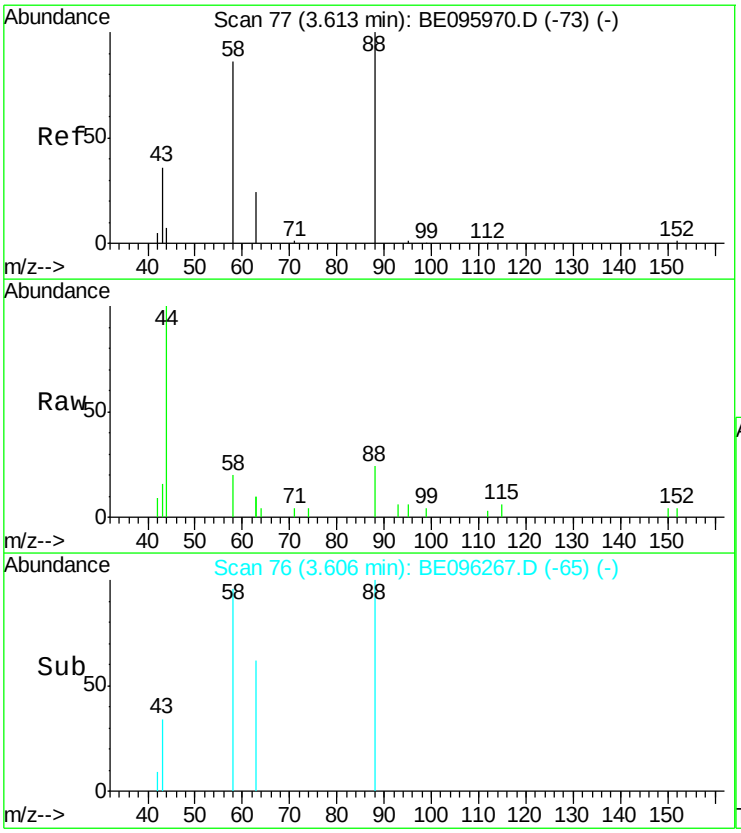
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 801

Ion	Ratio	Lower	Upper
152	100		
150	140.7	117.2	175.8
115	72.9	57.0	85.6

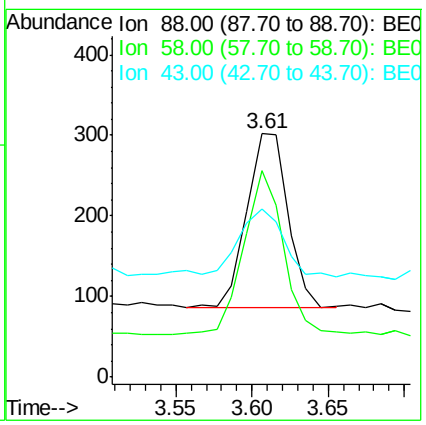


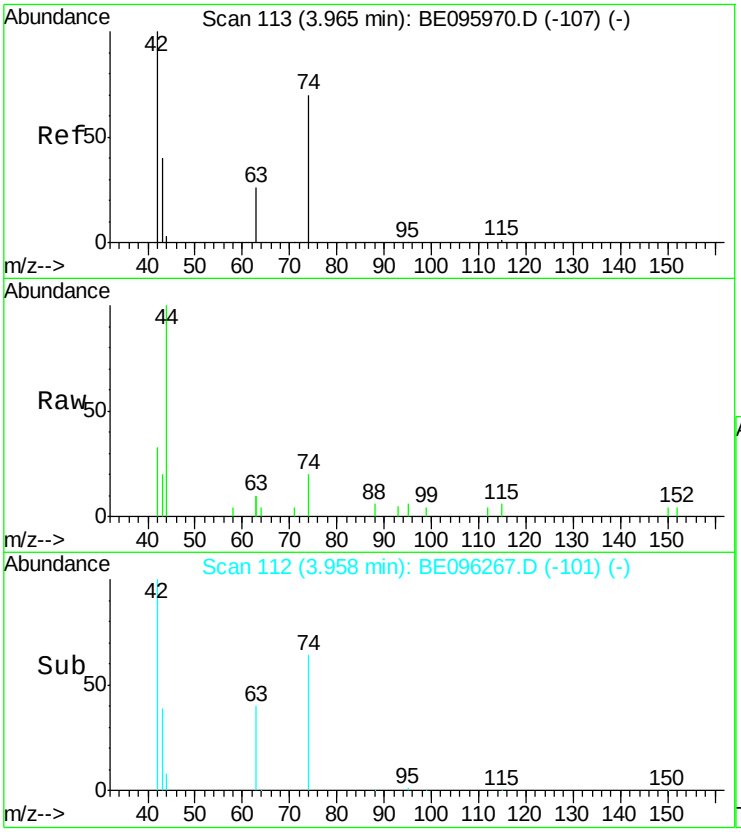


#2
1,4-Dioxane
Concen: 0.327 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
58	91.1	63.2	94.8
43	43.6	41.2	61.8



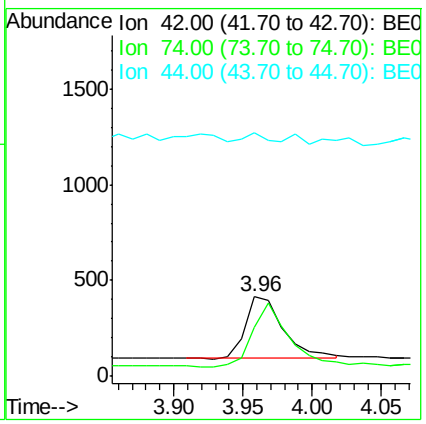


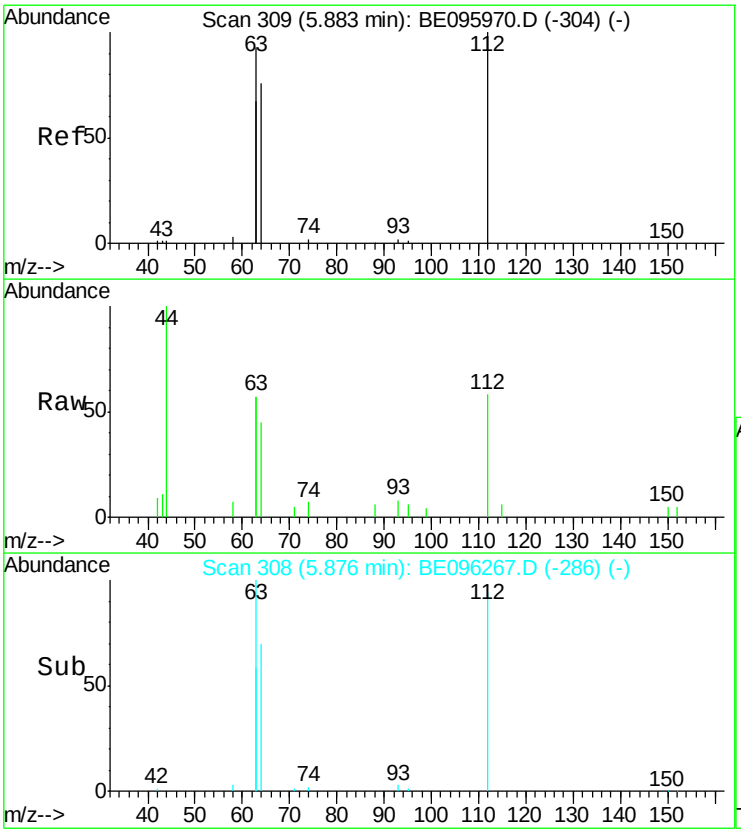
#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.96 min Scan# 112
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 629

Ion	Ratio	Lower	Upper
42	100		
74	95.5	96.0	144.0#
44	7.5	12.0	18.0#

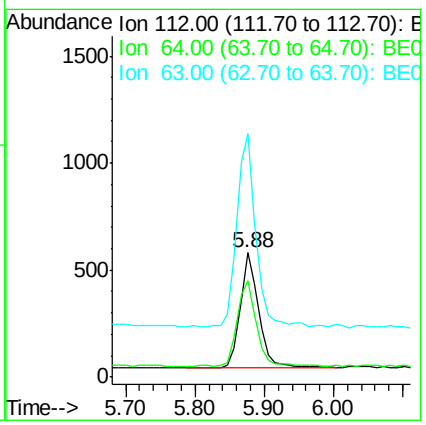


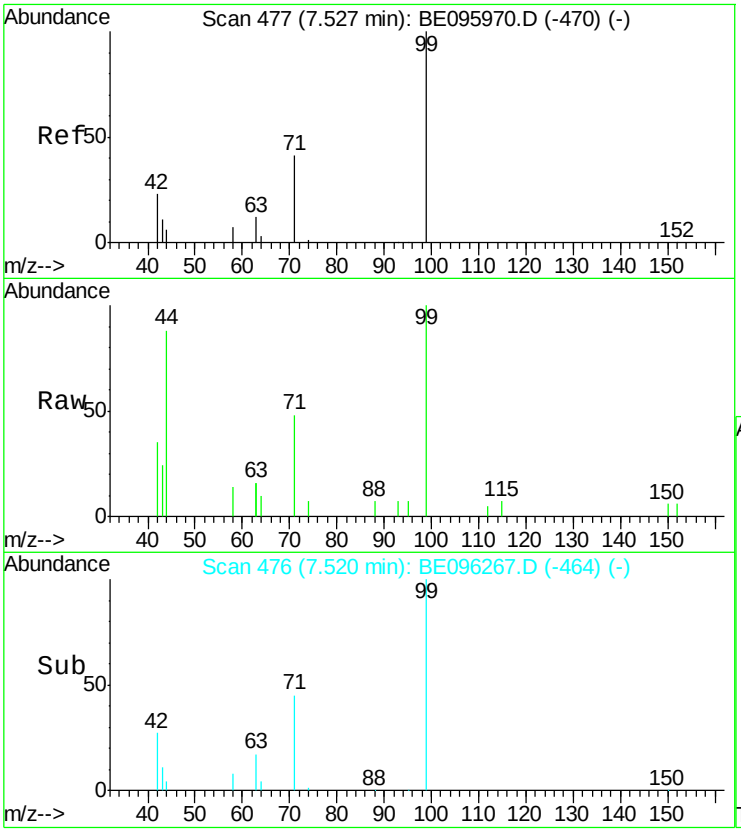


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.88 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:112 Resp: 986

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.1	90.1
63	174.9	116.8	175.2



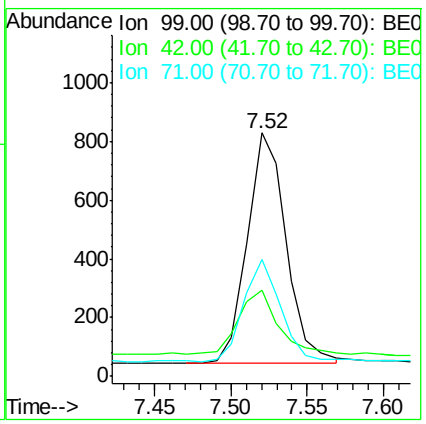


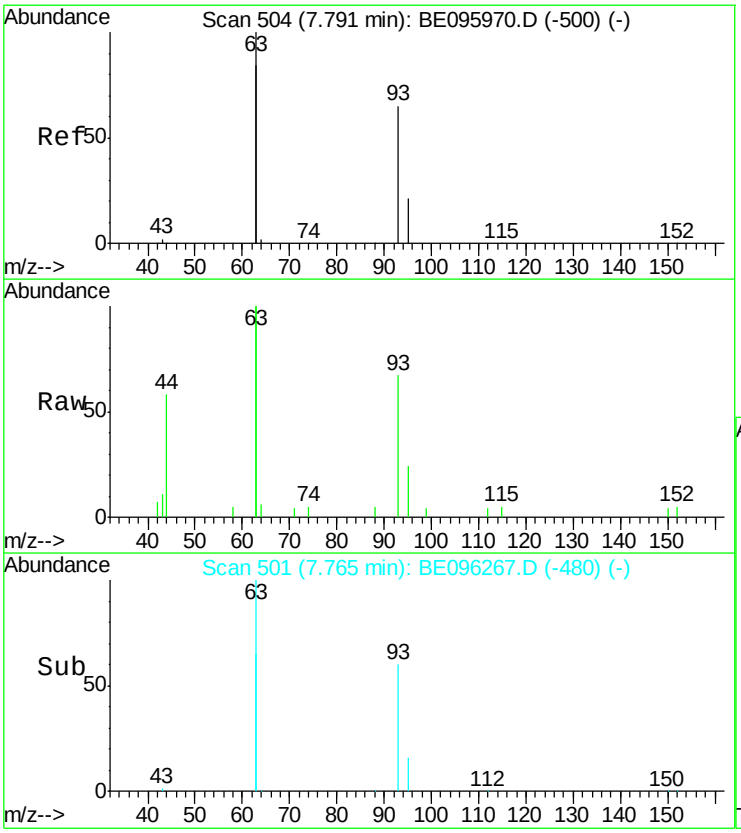
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1390

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.2	30.2
71	43.4	28.4	42.6#

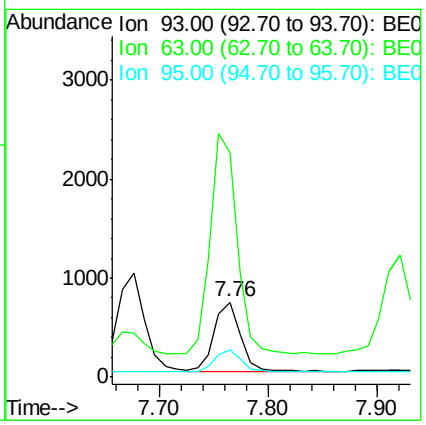


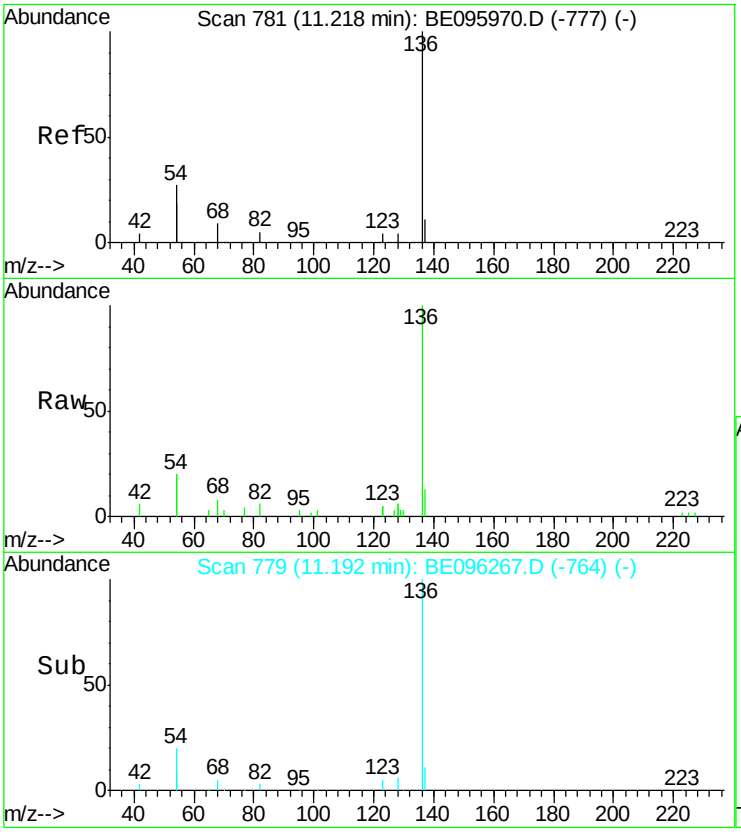


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.76 min Scan# 501
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion: 93 Resp: 1186

Ion	Ratio	Lower	Upper
93	100		
63	321.1	275.3	412.9
95	31.7	25.2	37.8



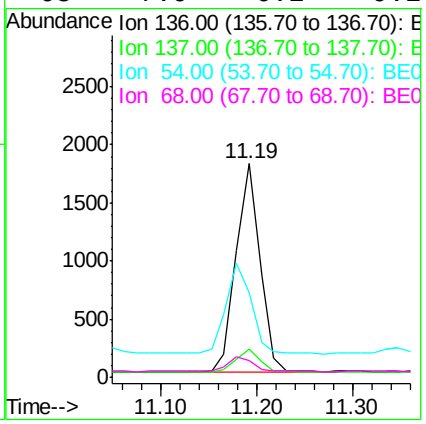


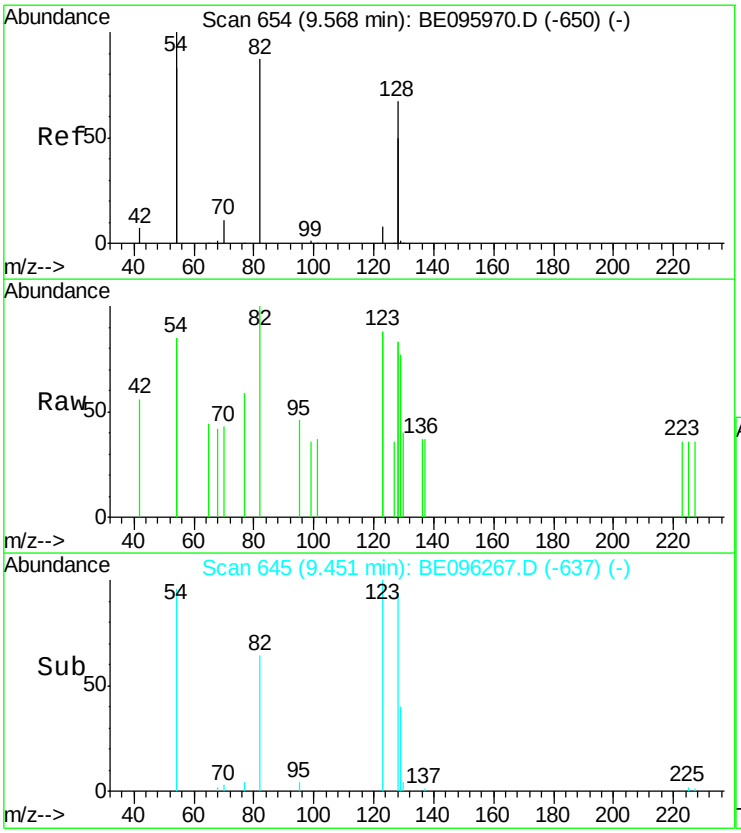
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3097

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	39.8	29.1	43.7
68	7.9	6.2	9.2

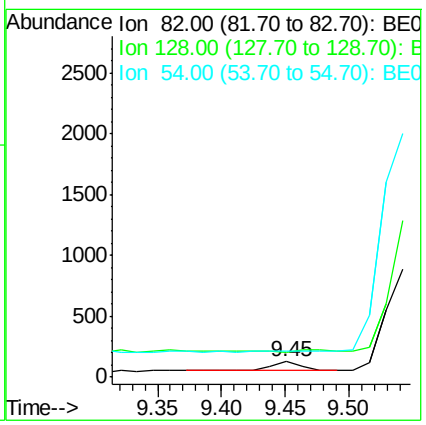


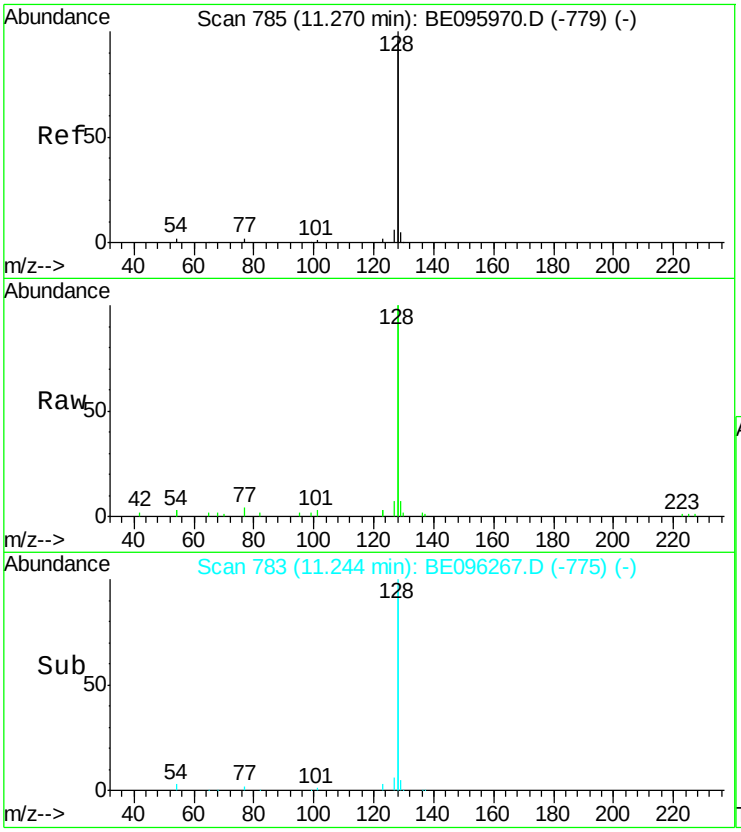


#8
Nitrobenzene-d5
Concen: 0.034 ng
RT: 9.45 min Scan# 645
Delta R.T. -0.09 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion: 82 Resp: 124

Ion	Ratio	Lower	Upper
82	100		
128	165.1	150.0	225.0
54	169.8	154.2	231.4



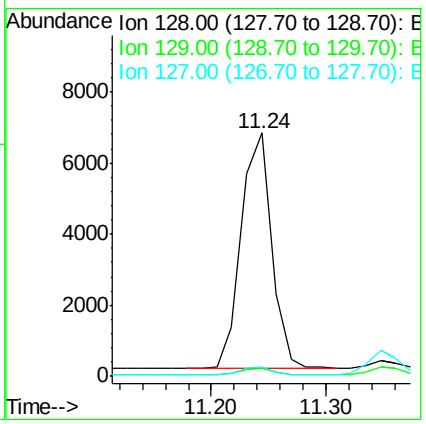


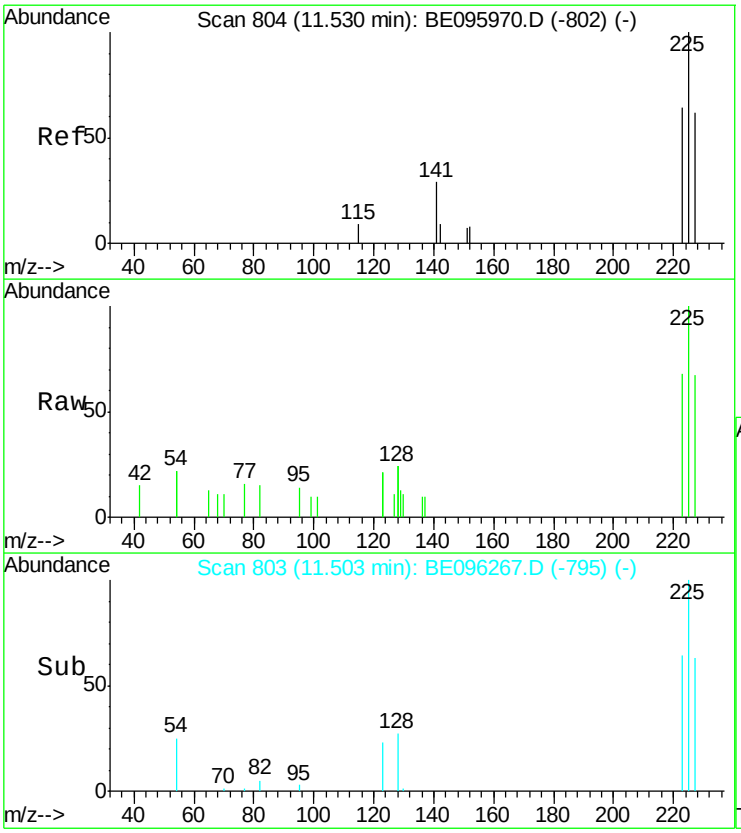
#9
Naphthalene
Concen: 0.377 ng
RT: 11.24 min Scan# 783
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12307

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	3.7	2.8	4.2

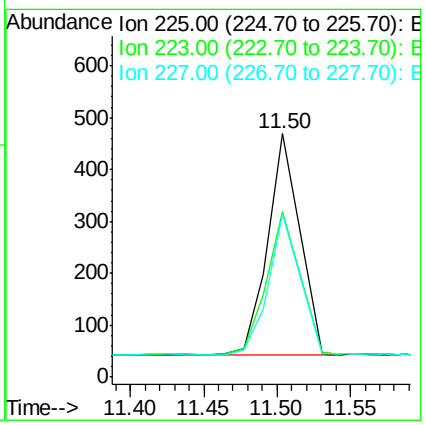


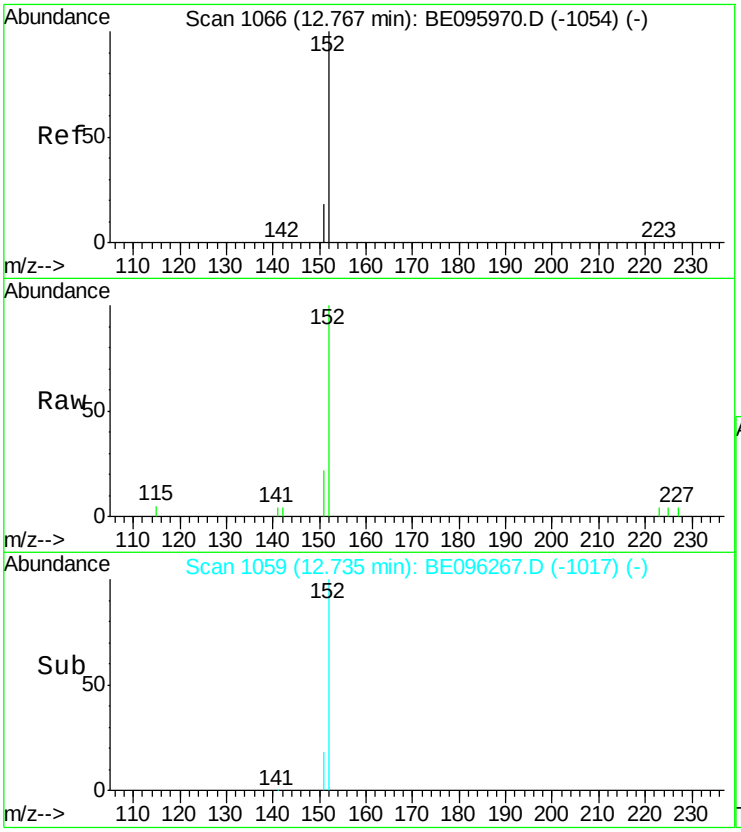


#10
Hexachlorobutadiene
Concen: 0.316 ng
RT: 11.50 min Scan# 803
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:225 Resp: 458

Ion	Ratio	Lower	Upper
225	100		
223	62.2	53.0	79.6
227	68.1	51.4	77.2



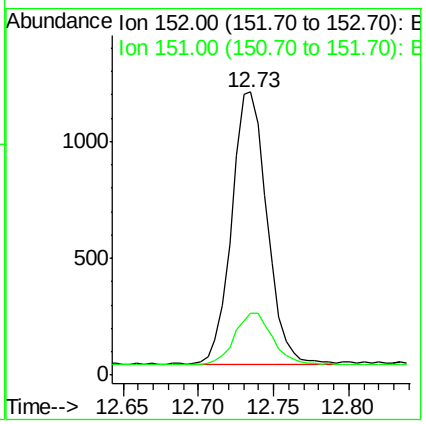


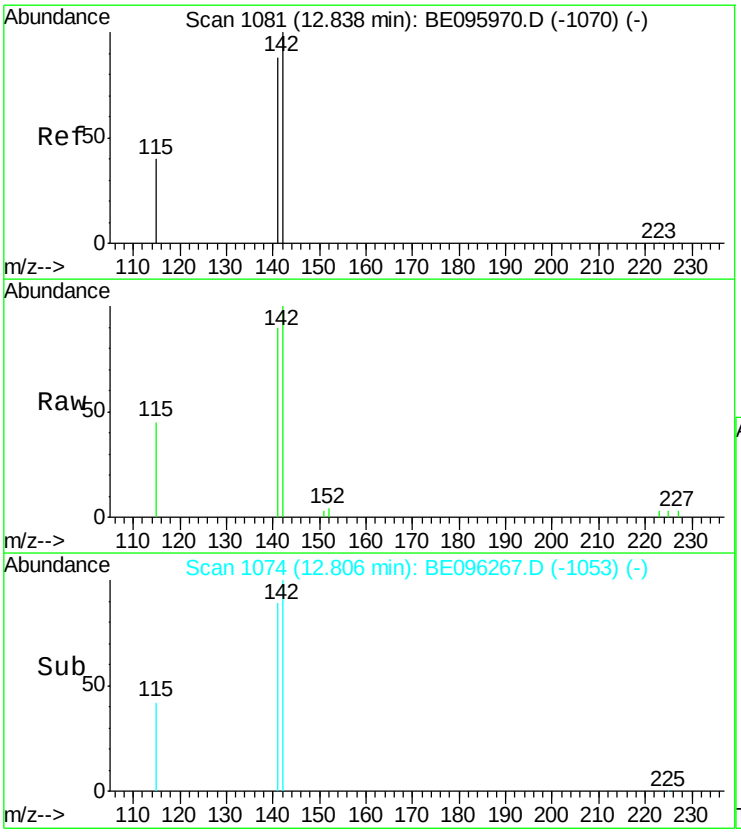
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1904

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0

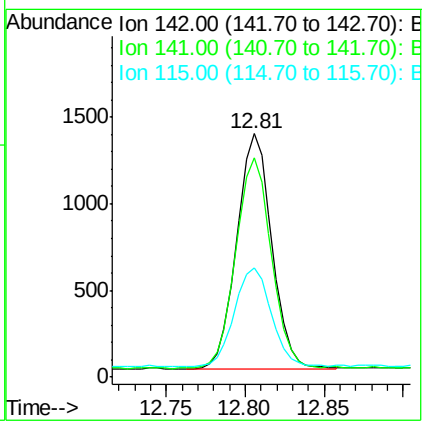


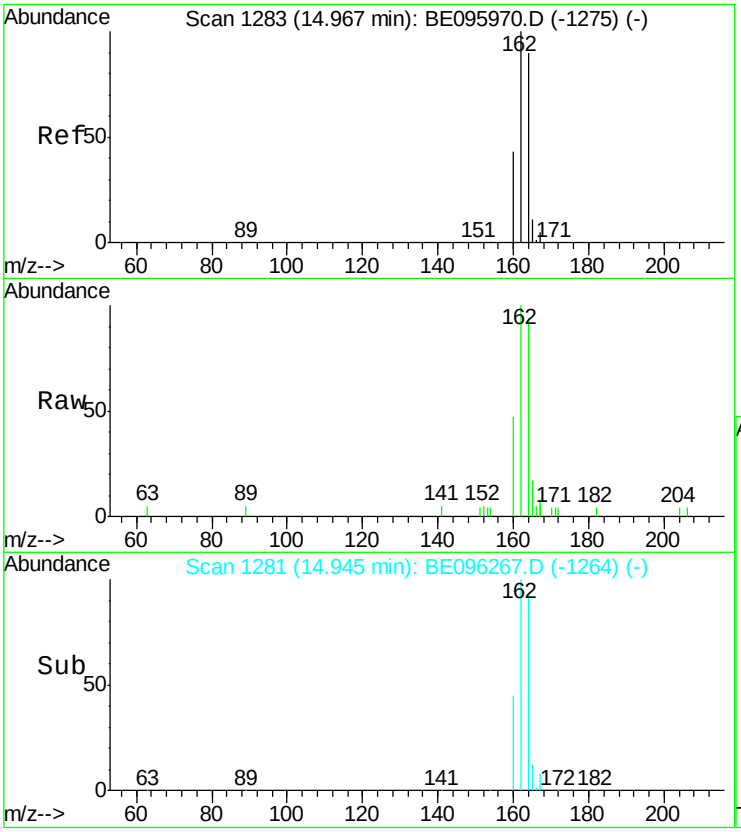


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.81 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:142 Resp: 2082

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	44.7	31.7	47.5



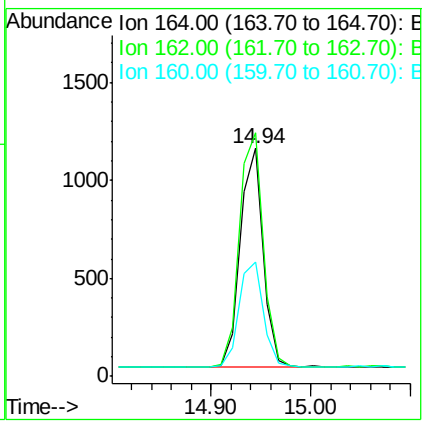


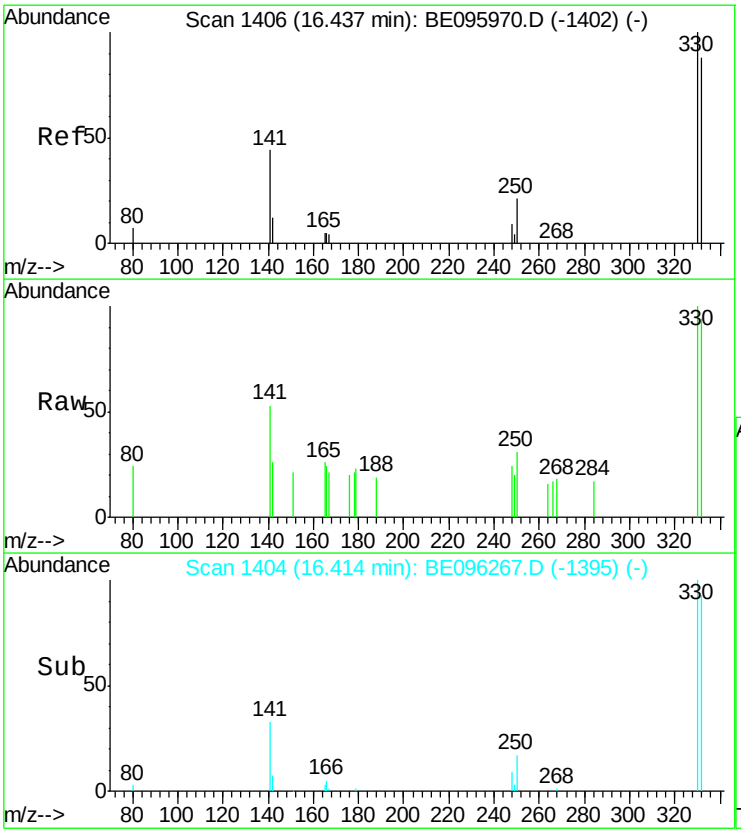
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1772

Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.1	124.7
160	50.2	37.1	55.7

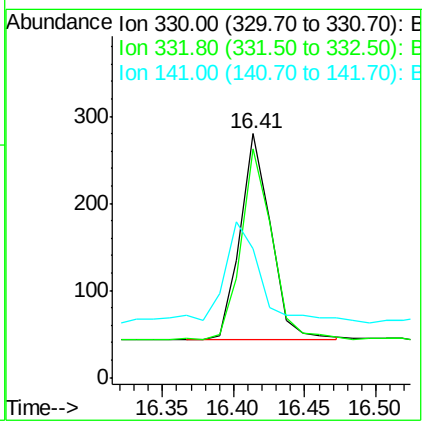


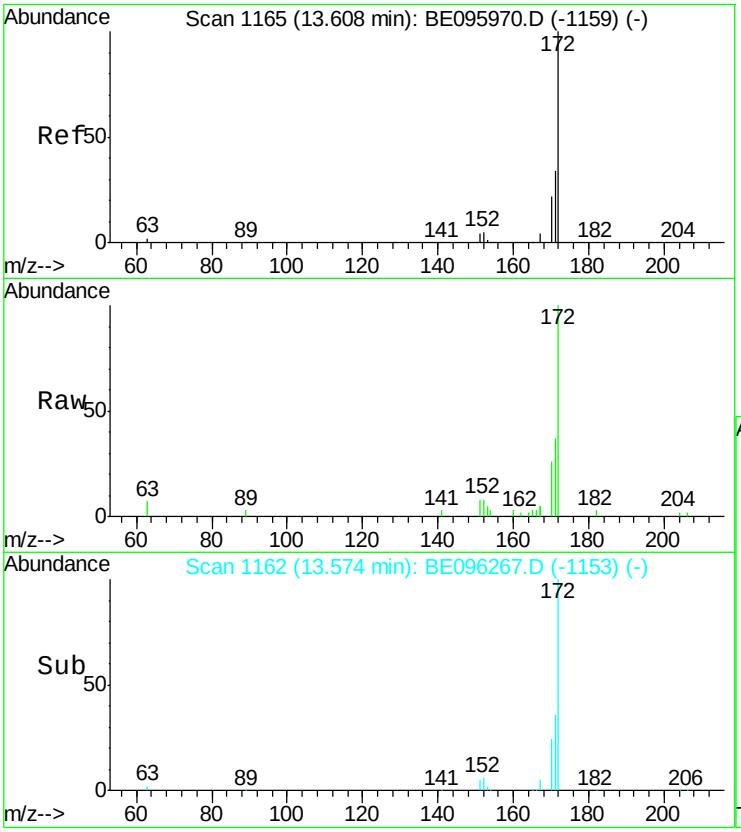


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:330 Resp: 350

Ion	Ratio	Lower	Upper
330	100		
332	95.4	152.7	229.1#
141	50.9	33.7	50.5#



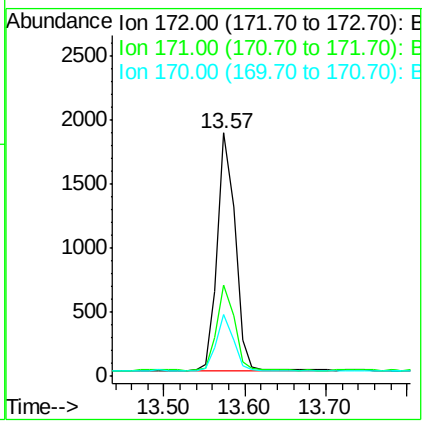


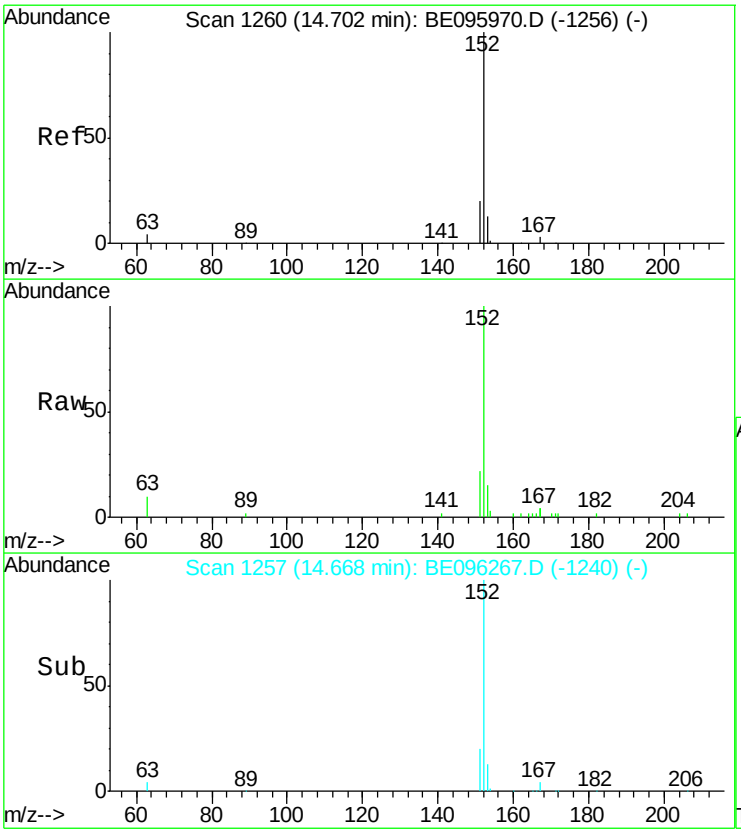
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2830

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	25.6	21.8	32.8

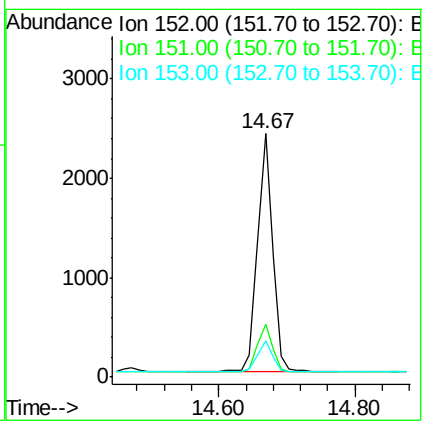


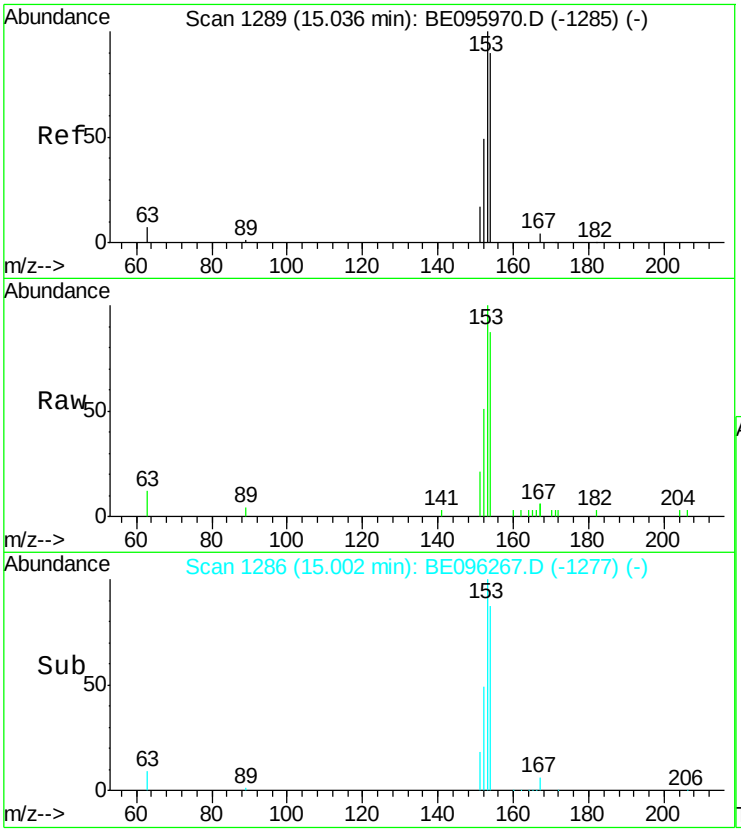


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:152 Resp: 3611

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.5	15.7



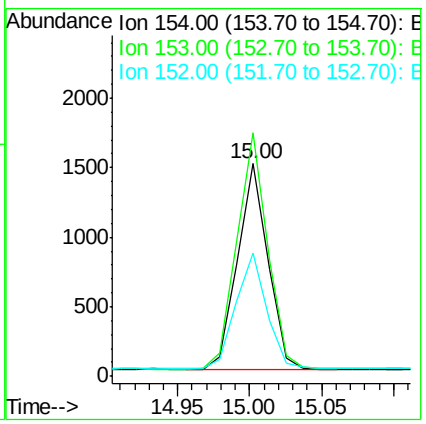


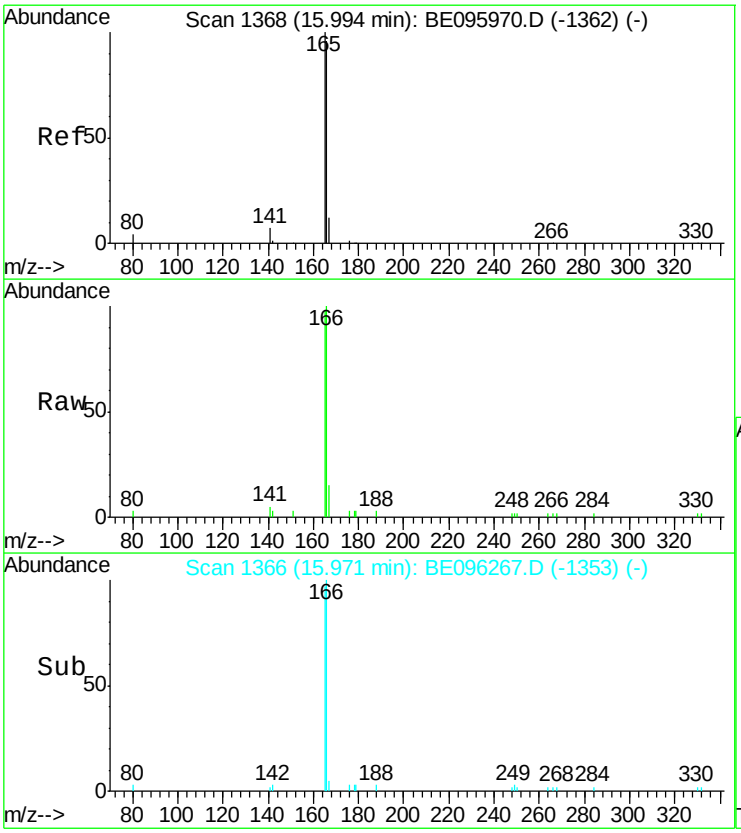
#17
Acenaphthene
Concen: 0.380 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2160

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.2	133.8
152	56.6	42.0	63.0

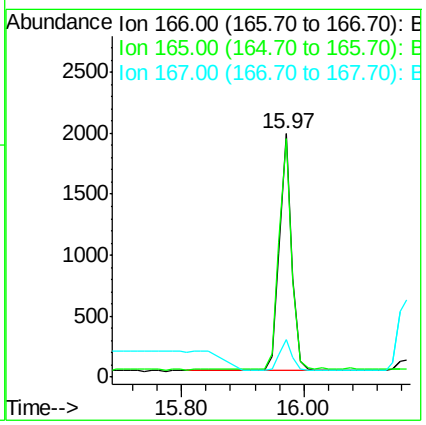


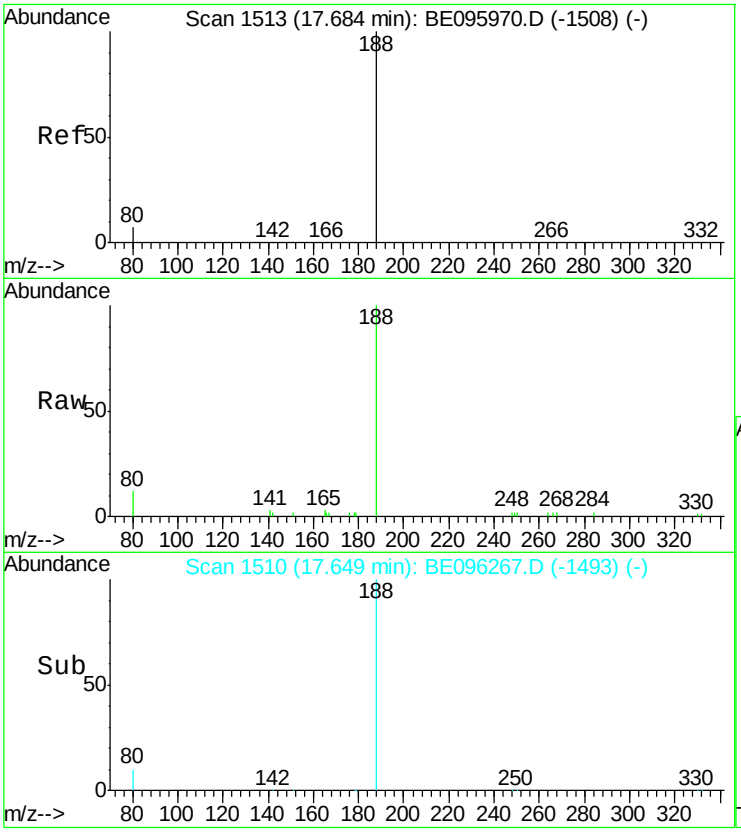


#18
Fluorene
Concen: 0.477 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:166 Resp: 3354

Ion	Ratio	Lower	Upper
166	100		
165	108.1	77.8	116.6
167	11.6	42.4	63.6#



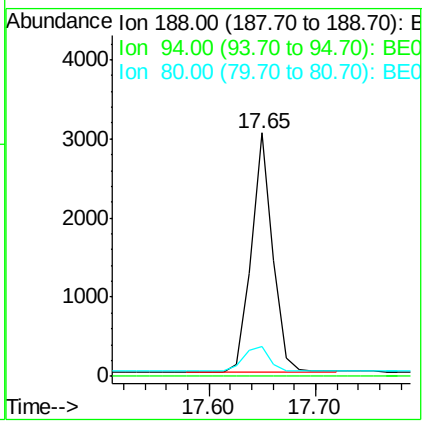


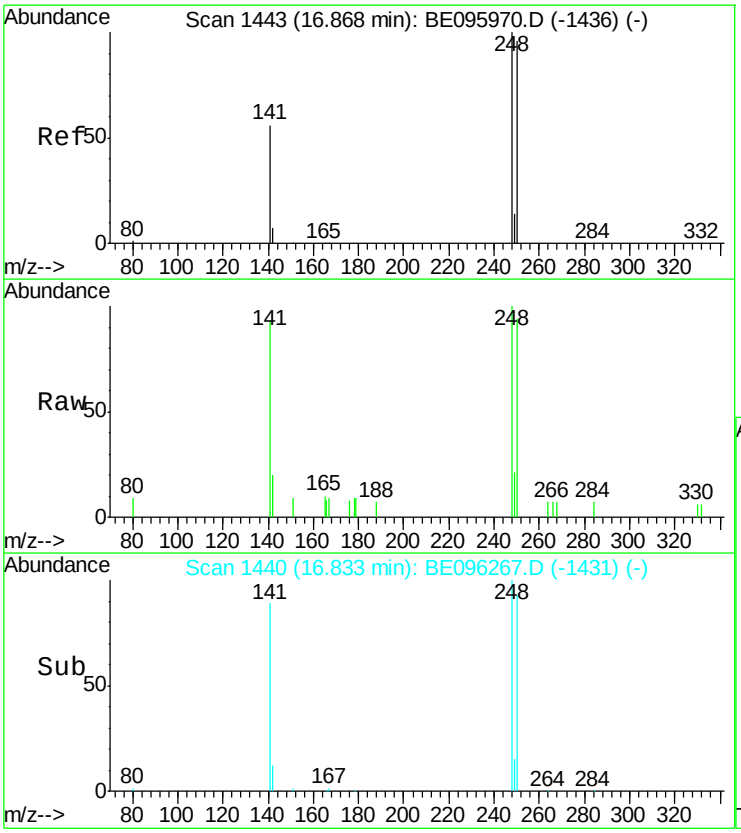
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4223

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

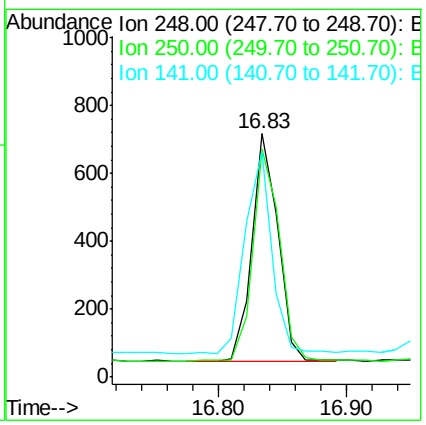


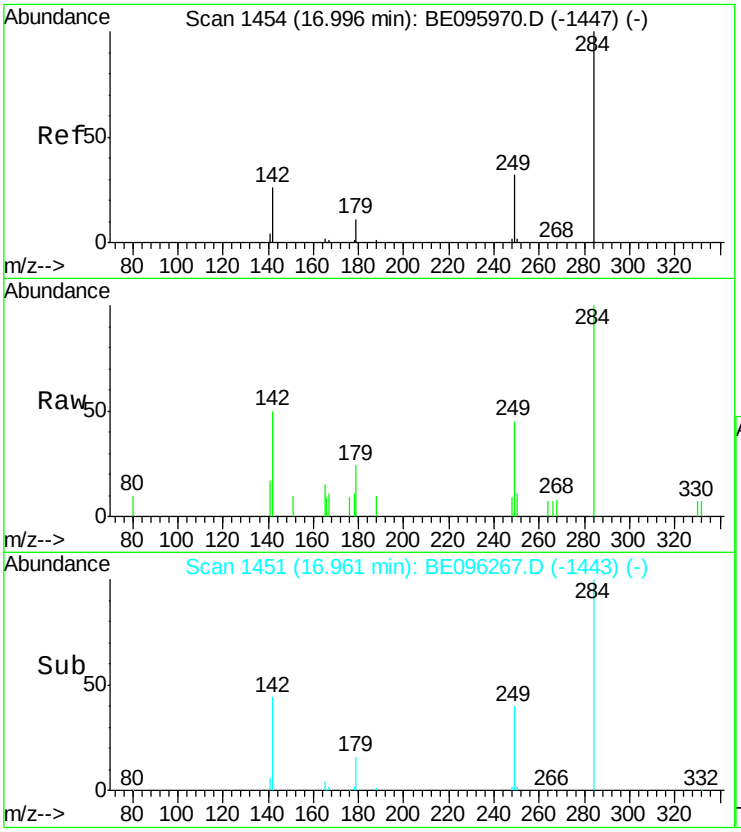


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:248 Resp: 957

Ion	Ratio	Lower	Upper
248	100		
250	93.9	62.7	94.1
141	92.7	48.2	72.2#



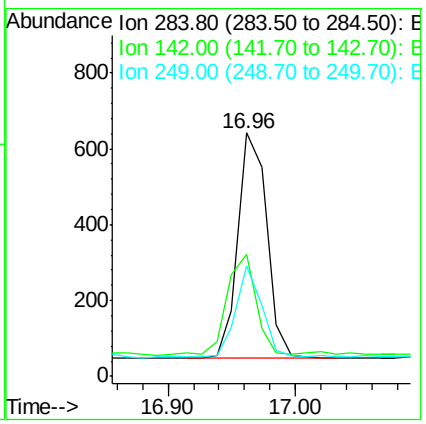


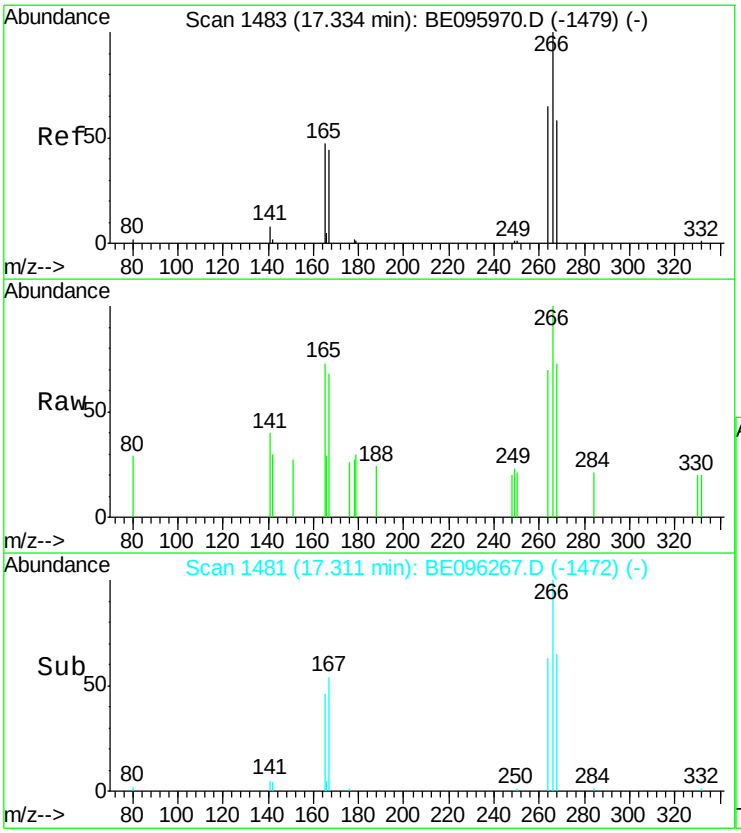
#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 934

Ion	Ratio	Lower	Upper
284	100		
142	44.3	22.1	33.1#
249	36.5	34.8	52.2

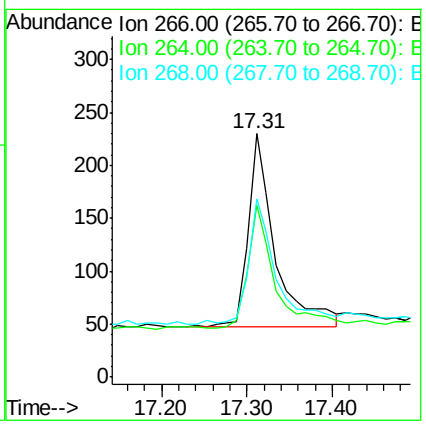


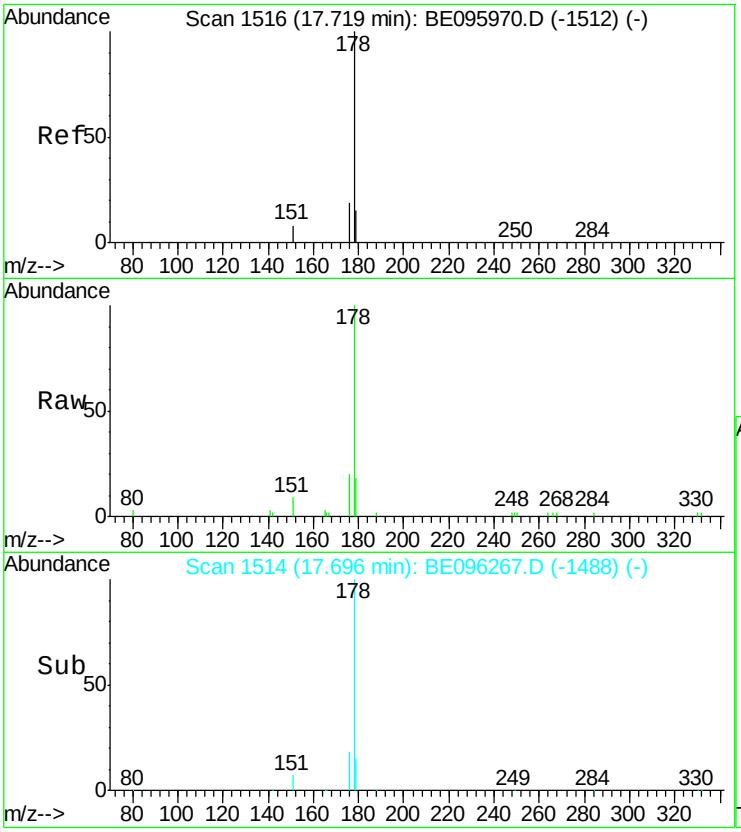


#22
Pentachlorophenol
Concen: 0.489 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:266 Resp: 407

Ion	Ratio	Lower	Upper
266	100		
264	70.4	72.5	108.7#
268	73.5	73.8	110.6#



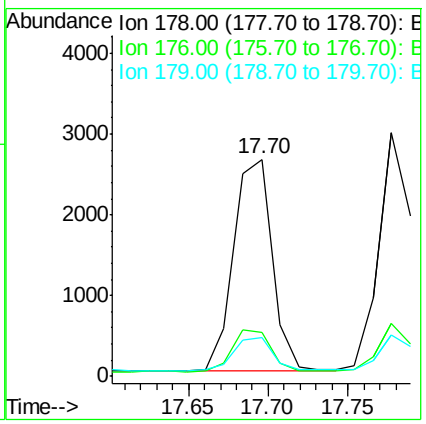


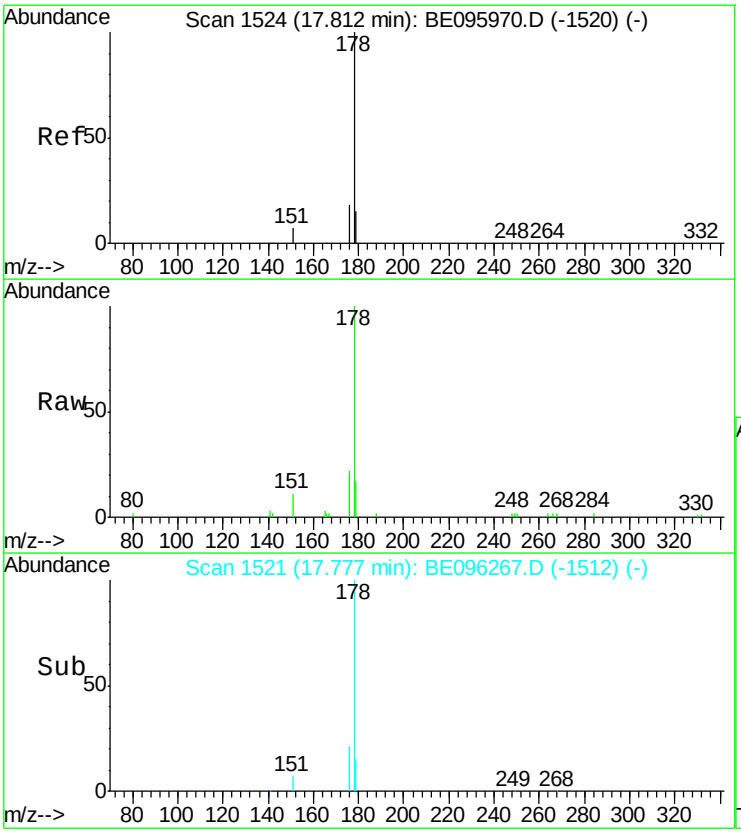
#23
Phenanthrene
Concen: 0.367 ng
RT: 17.70 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4359

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.2	11.8	17.6

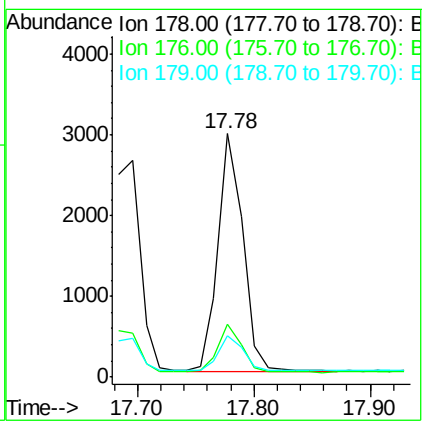


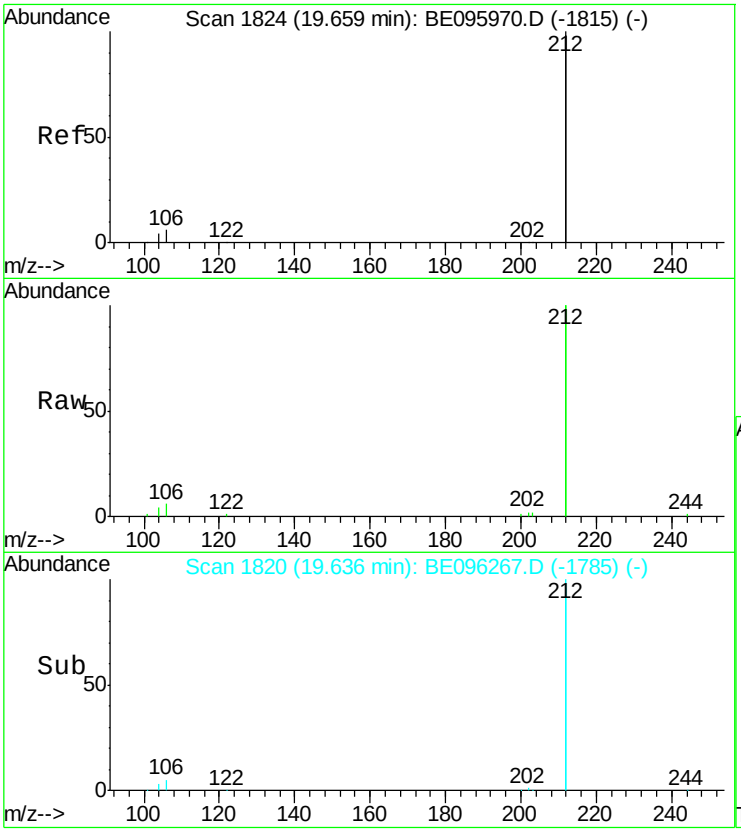


#24
Anthracene
Concen: 0.381 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:178 Resp: 4316

Ion	Ratio	Lower	Upper
178	100		
176	19.9	12.8	19.2#
179	14.9	13.0	19.6



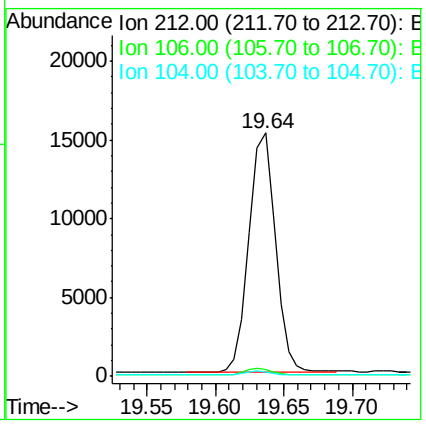


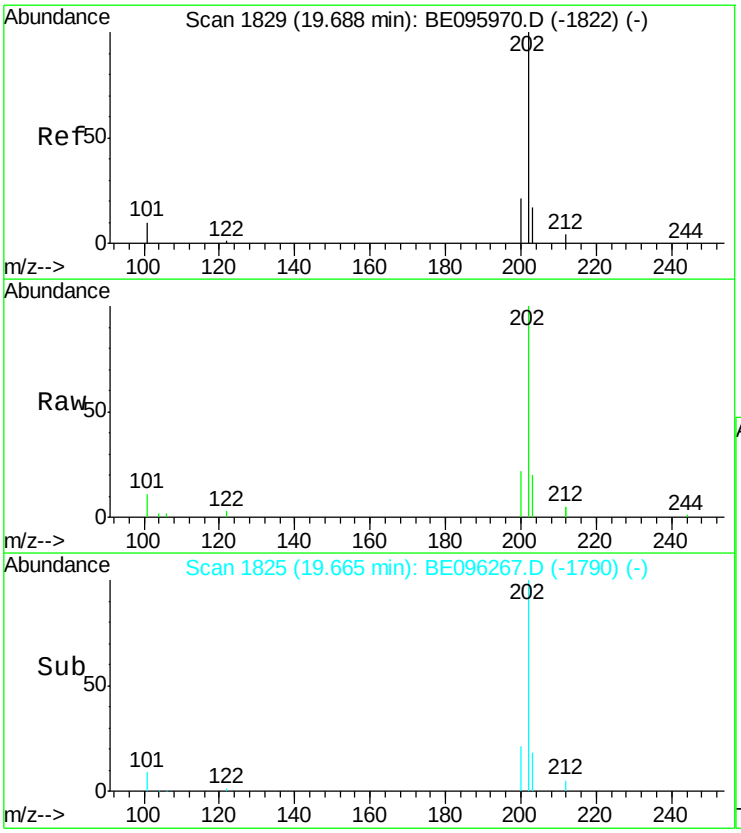
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.64 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 20287

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

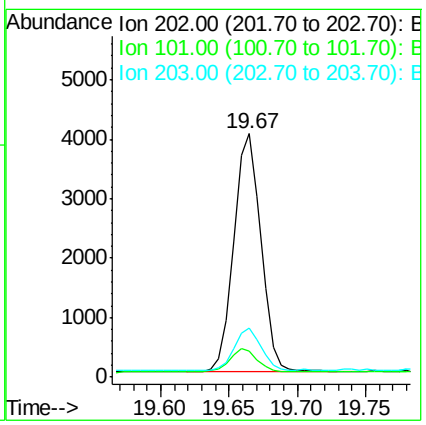


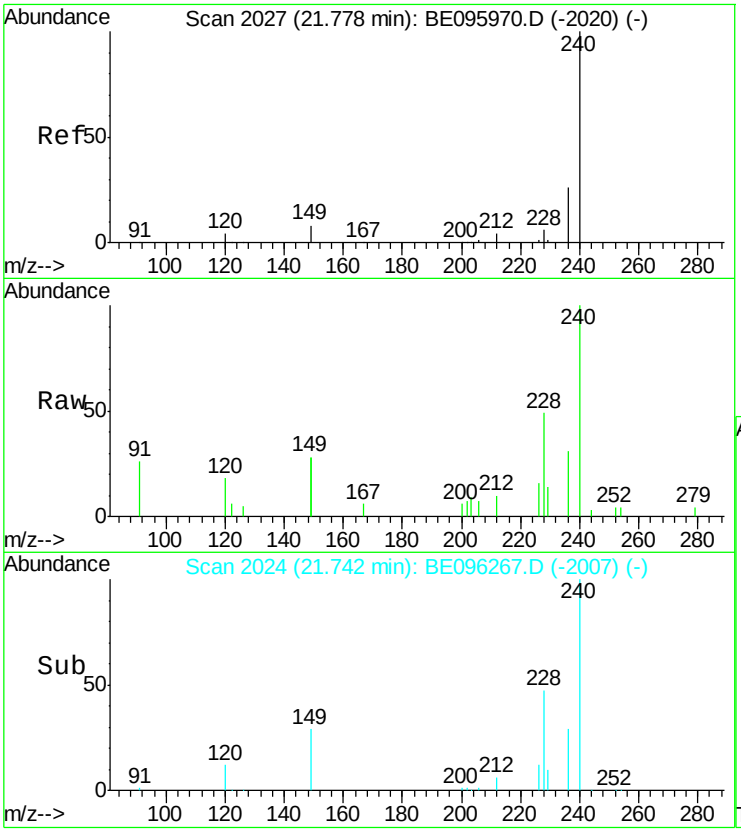


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.67 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:202 Resp: 5492

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
203	17.7	13.7	20.5



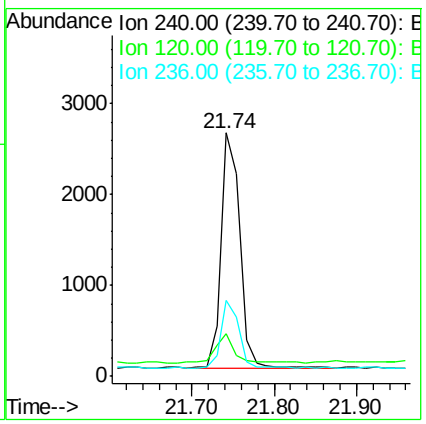


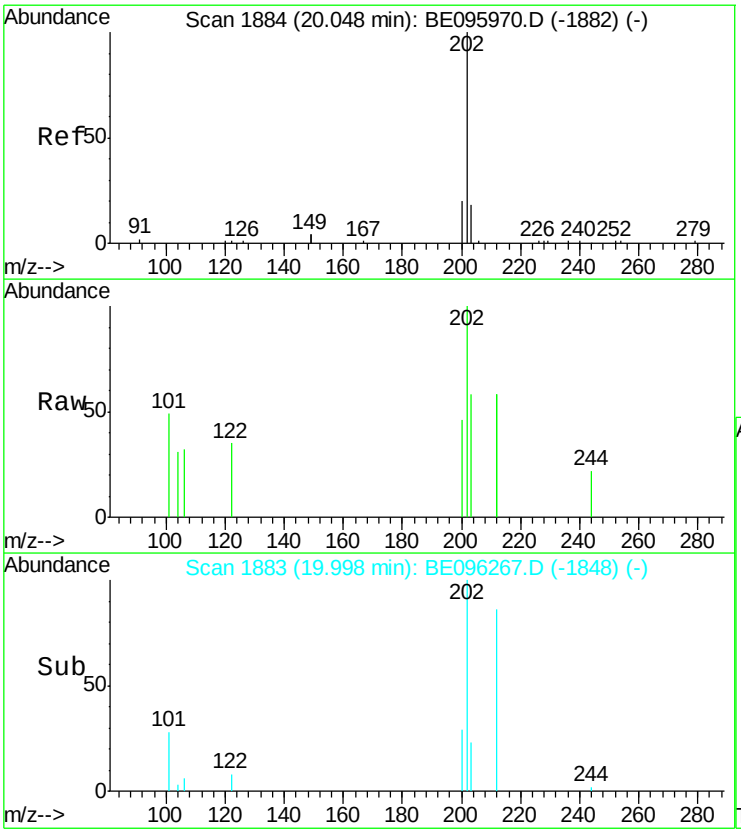
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4076

Ion	Ratio	Lower	Upper
240	100		
120	17.5	5.5	8.3#
236	31.3	20.7	31.1#

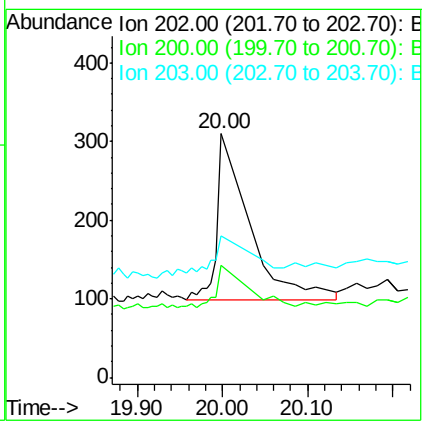


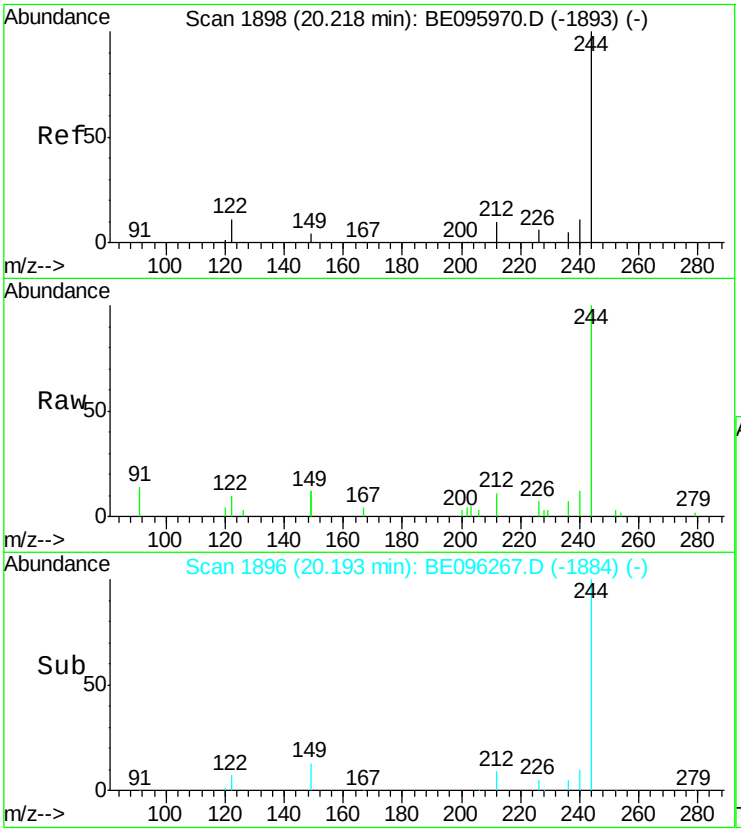


#28
Pyrene
Concen: 0.042 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:202 Resp: 341

Ion	Ratio	Lower	Upper
202	100		
200	29.3	16.6	25.0#
203	27.9	13.8	20.8#



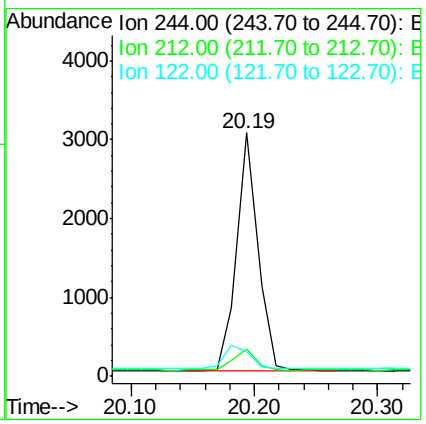


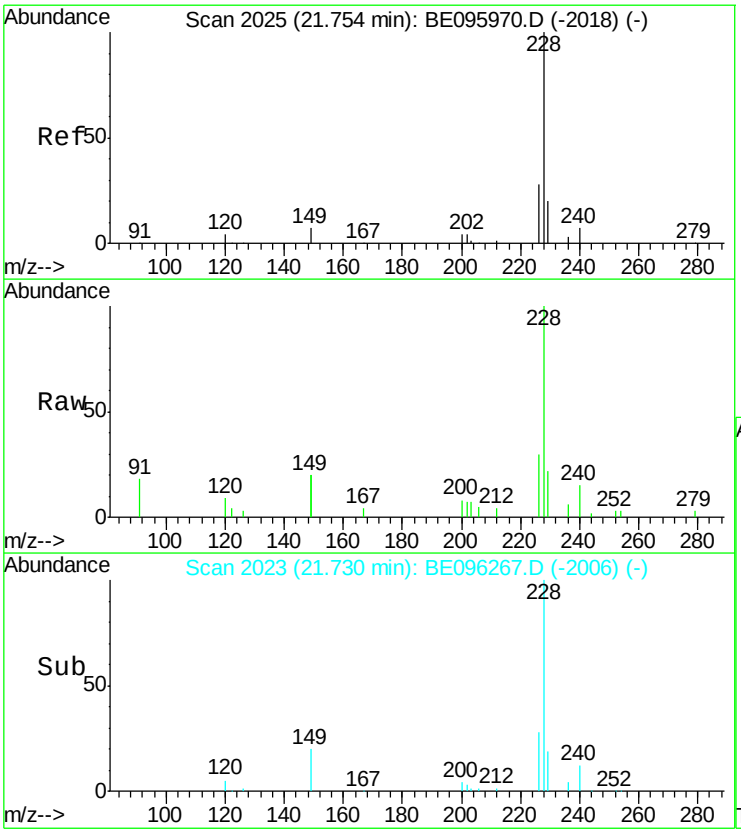
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 20.19 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3644

Ion	Ratio	Lower	Upper
244	100		
212	11.4	25.4	38.0#
122	9.9	8.1	12.1

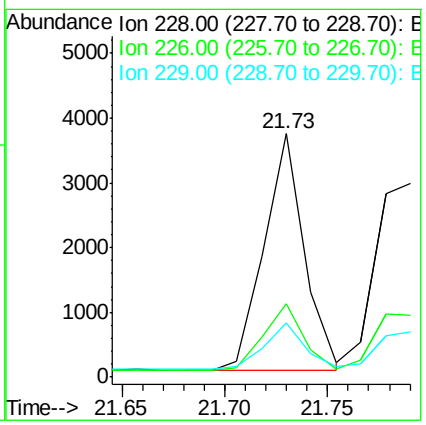


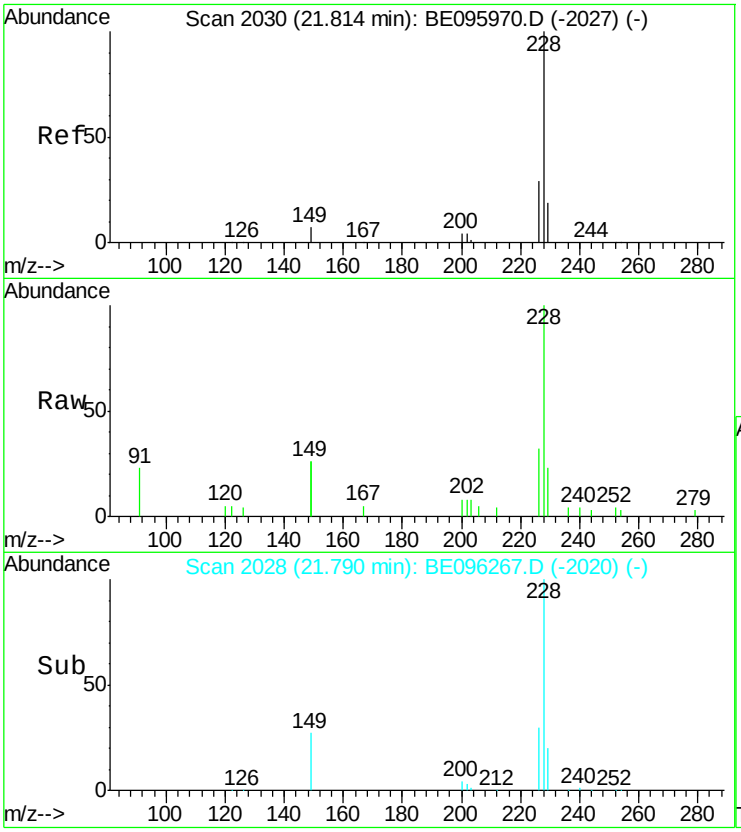


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:228 Resp: 4986

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.4	16.0	24.0



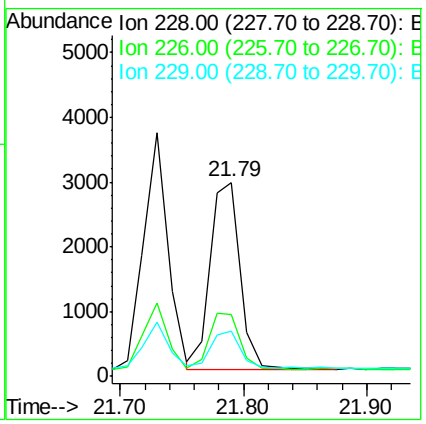


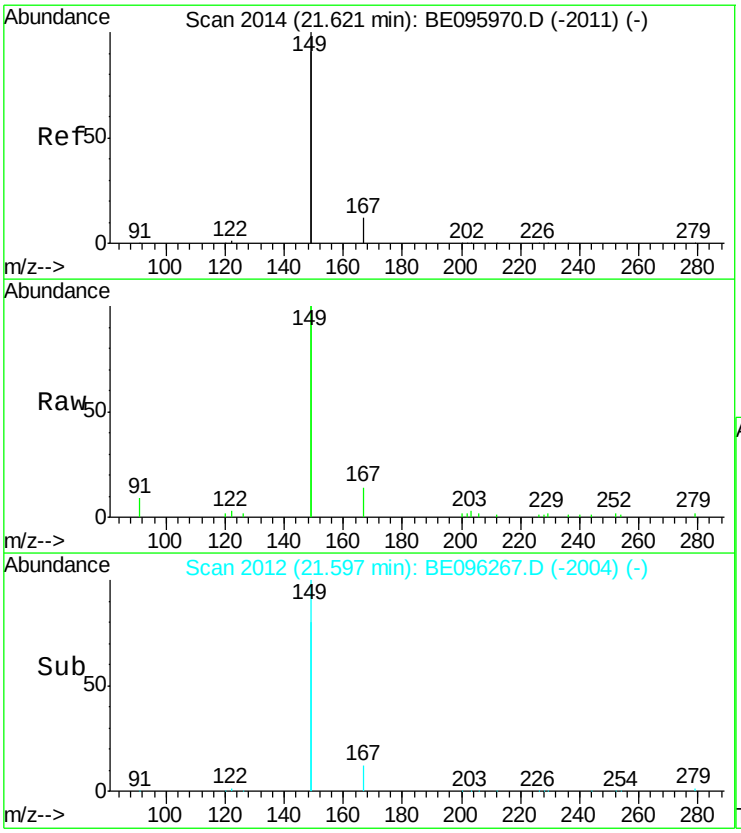
#31
Chrysene
Concen: 0.385 ng
RT: 21.79 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4856

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.0	36.0
229	23.1	16.0	24.0

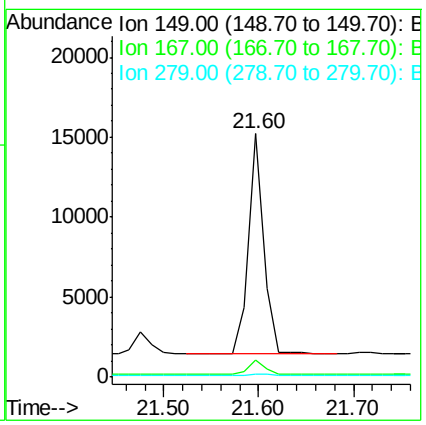


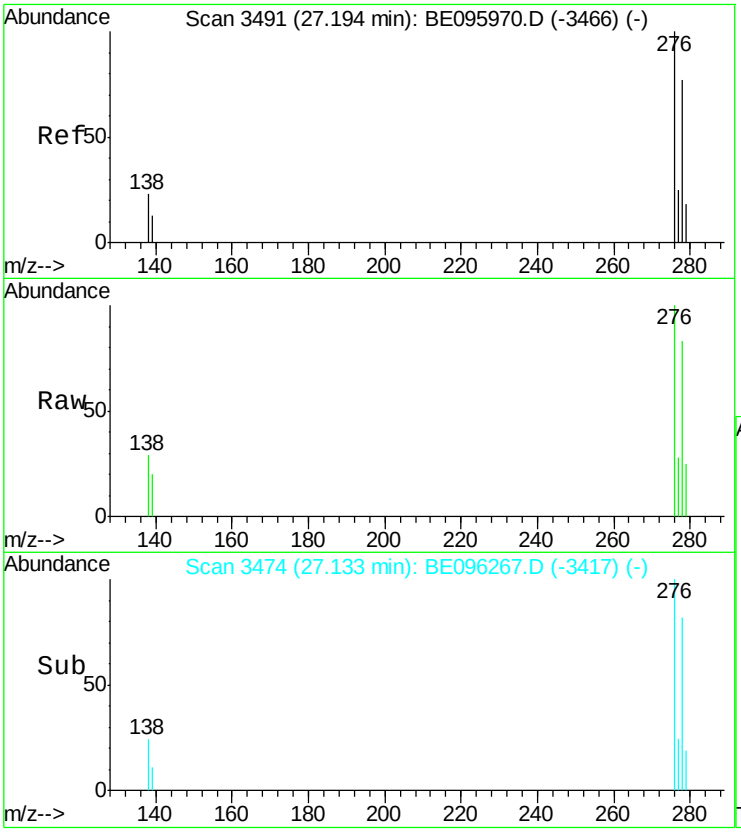


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.460 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:149 Resp: 15526

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



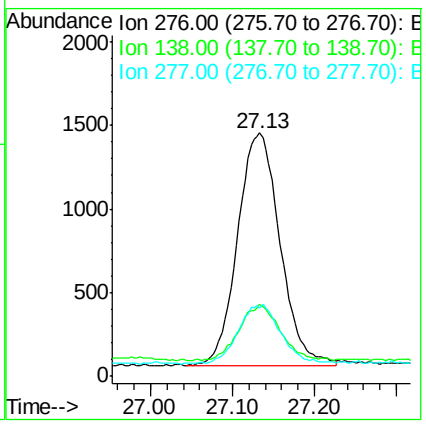


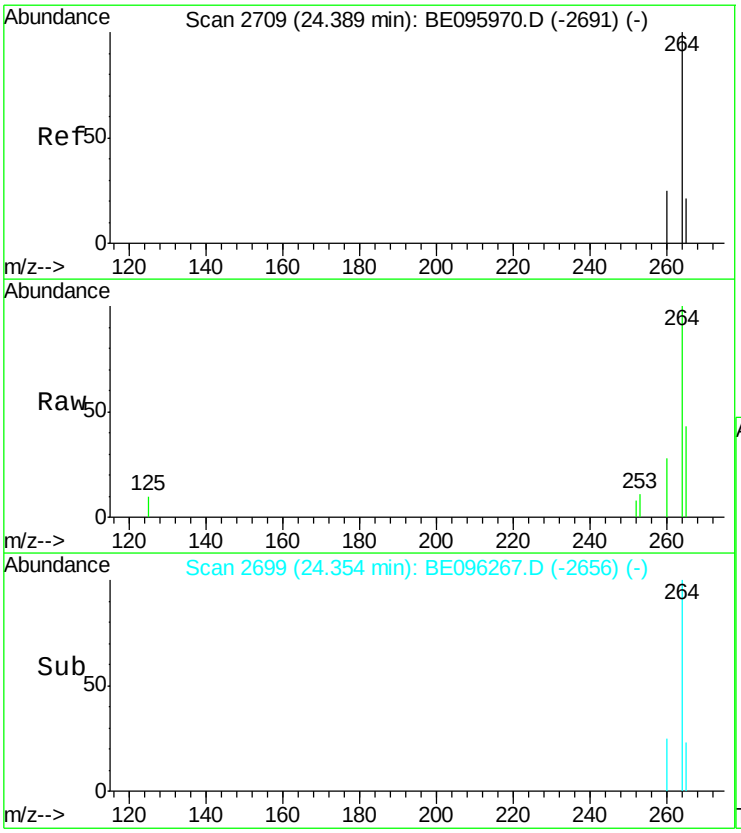
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 27.13 min Scan# 3474
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4978

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.5	33.7
277	24.9	19.9	29.9

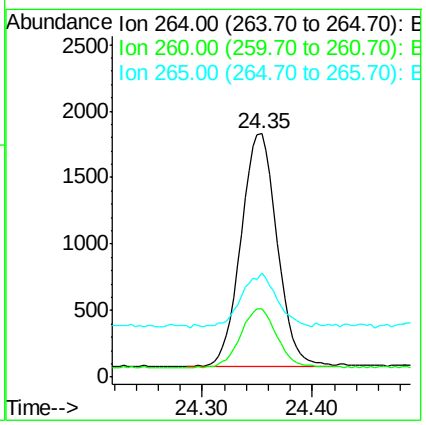


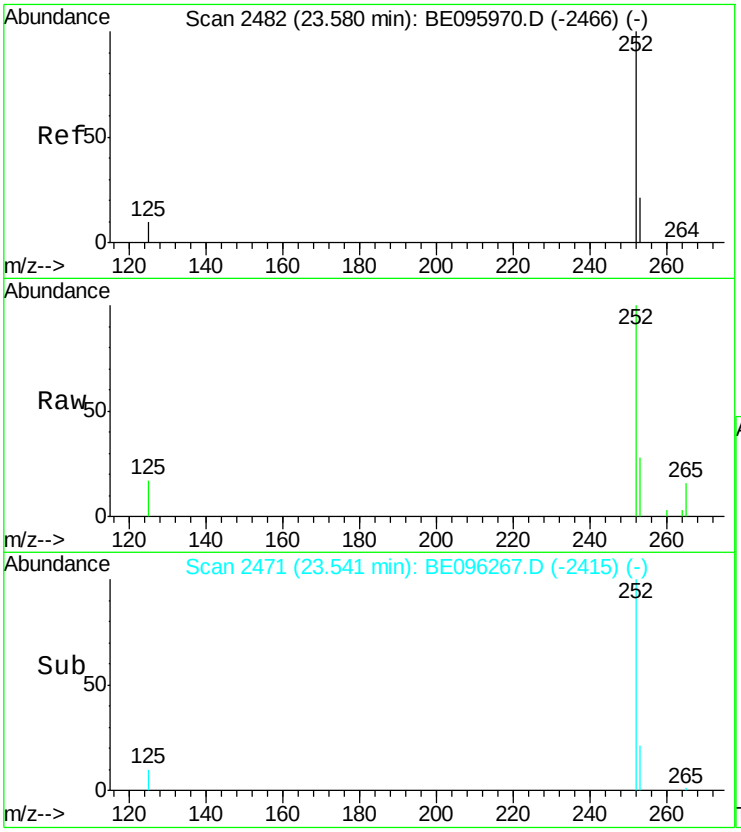


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2699
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:264 Resp: 3969

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.5	30.7
265	42.7	22.8	34.2#



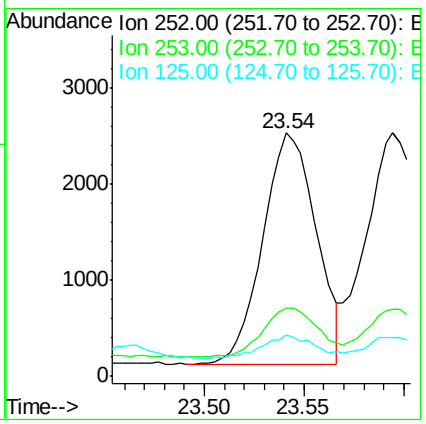


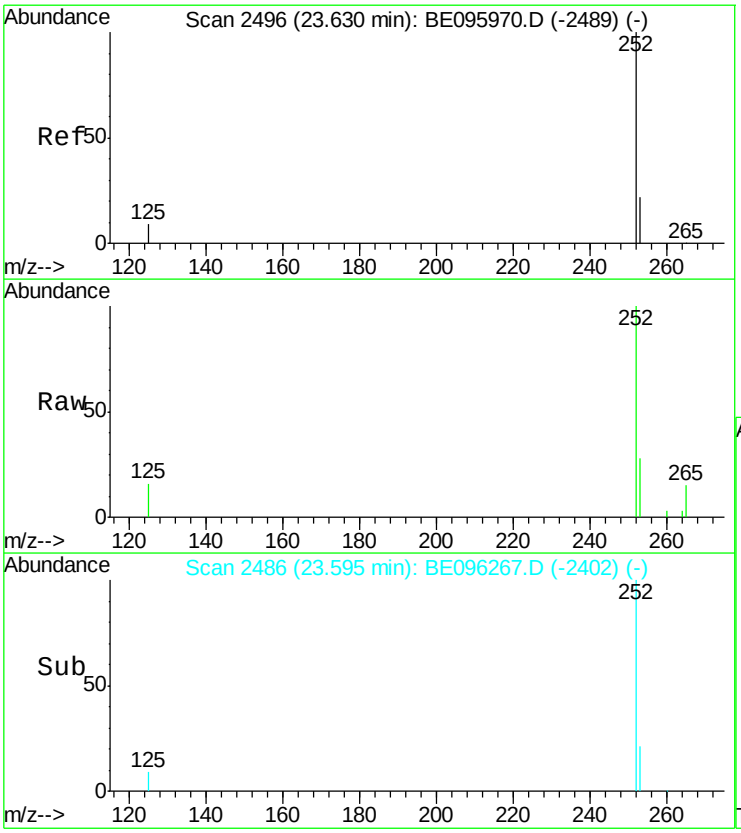
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4475

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.0	30.0
125	16.9	16.0	24.0

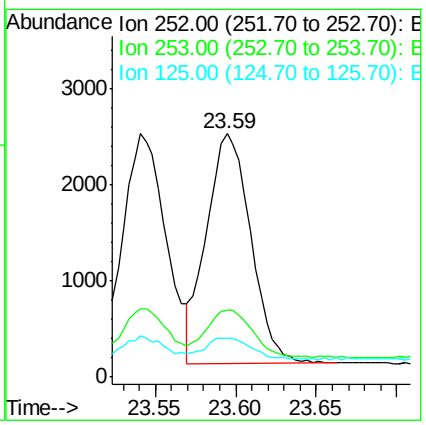


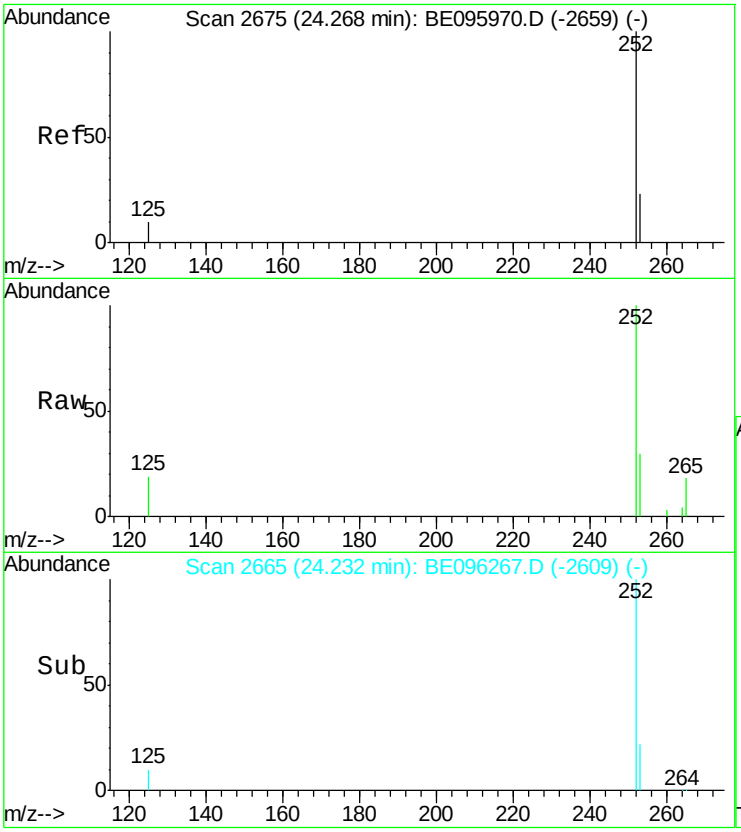


#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.59 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:252 Resp: 4579

Ion	Ratio	Lower	Upper
252	100		
253	27.7	16.0	24.0#
125	16.1	8.0	12.0#



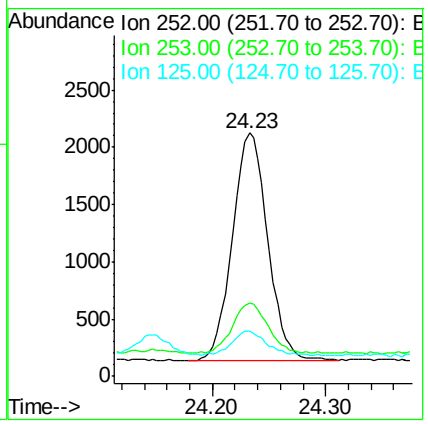


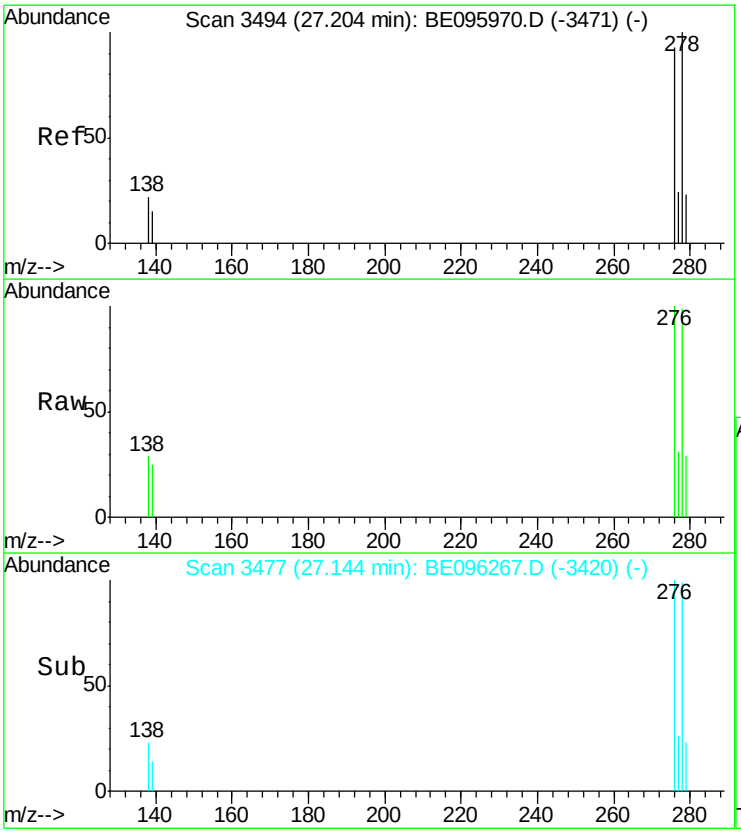
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4331

Ion	Ratio	Lower	Upper
252	100		
253	29.9	16.0	24.0#
125	18.6	12.0	18.0#

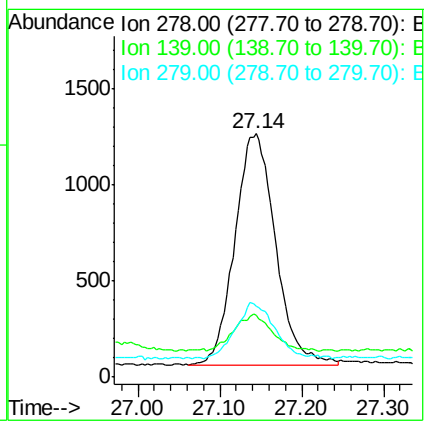


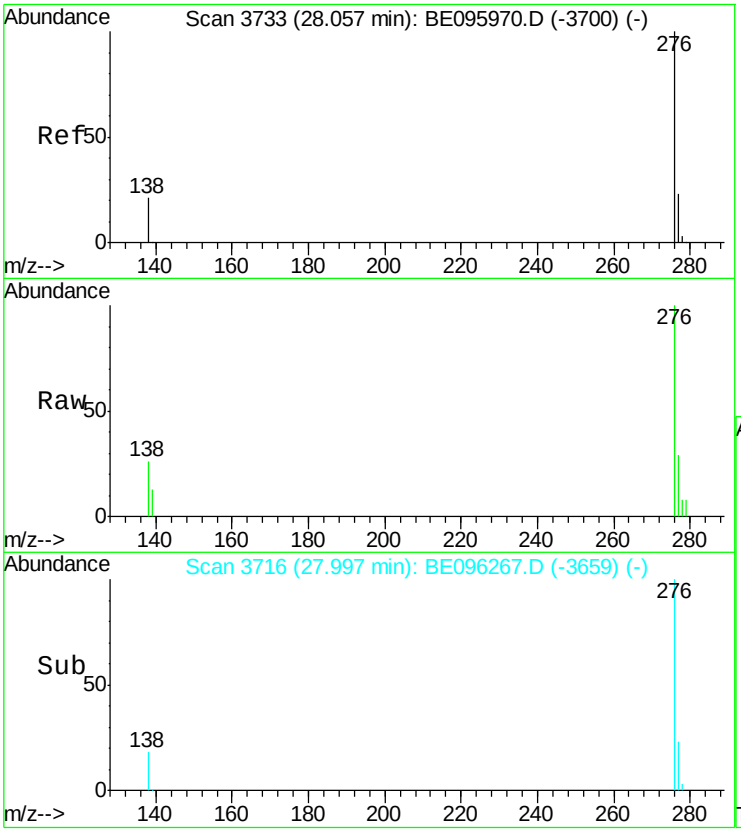


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 27.14 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Tgt Ion:278 Resp: 4163

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.0	24.0#
279	29.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 28.00 min Scan# 3716
Delta R.T. 0.00 min
Lab File: BE096267.D
Acq: 1 May 2018 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4179

Ion	Ratio	Lower	Upper
276	100		
277	28.6	16.0	24.0#
138	25.8	20.0	30.0