Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096287.D
Acq On : 2 May 2018 9:11
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 02 11:19:58 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	869	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	3311	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	1810	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	4173	0.40	ng		0.00
27) Chrysene-d12	21.74	240	4213	0.40	ng		0.00
34) Perylene-d12	24.35	264	3927	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	942	0.35	ng		0.00
5) Phenol-d6	7.52	99	1407	0.38	ng		0.00
8) Nitrobenzene-d5	9.54	82	1476	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	1936	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	274	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	3032	0.39	ng		0.00
25) Fluoranthene-d10	19.63	212	20228	0.36	ng		0.00
29) Terphenyl-d14	20.19	244	3467	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	450	0.335	ng		92
3) n-Nitrosodimethylamine	3.97	42	647	0.393	ng	#	72
6) bis(2-Chloroethyl)ether	7.76	93	1174	0.360	ng		93
9) Naphthalene	11.24	128	12998	0.372	ng		100
10) Hexachlorobutadiene	11.50	225	491	0.317	ng		88
12) 2-Methylnaphthalene	12.81	142	2158	0.374	ng		96
16) Acenaphthylene	14.67	152	3722	0.385	ng		100
17) Acenaphthene	15.00	154	2176	0.375	ng		92
18) Fluorene	15.97	166	2785	0.387	ng	#	65
20) 4-Bromophenyl-phenylether	16.83	248	959	0.387	ng	#	77
21) Hexachlorobenzene	16.96	284	977	0.396	ng	#	80
22) Pentachlorophenol	17.31	266	366	0.457	ng		84
23) Phenanthrene	17.68	178	4483	0.382	ng		99
24) Anthracene	17.78	178	4265	0.381	ng	#	95
26) Fluoranthene	19.66	202	5635	0.366	ng		98
28) Pyrene	20.00	202	403	0.049	ng	#	86
30) Benzo(a)anthracene	21.73	228	4996	0.370	ng		97
31) Chrysene	21.79	228	5203	0.399	ng		99
32) Bis(2-ethylhexyl)phthalate	21.60	149	14078	0.404	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4456	0.352	ng		94
35) Benzo(b)fluoranthene	23.54	252	4544	0.386	ng	#	94
36) Benzo(k)fluoranthene	23.59	252	4731	0.390	ng	#	90
37) Benzo(a)pyrene	24.23	252	4340	0.383	ng	#	92
38) Dibenzo(a,h)anthracene	27.14	278	3597	0.360	ng		94
39) Benzo(g,h,i)perylene	27.99	276	3917	0.371	ng	#	93

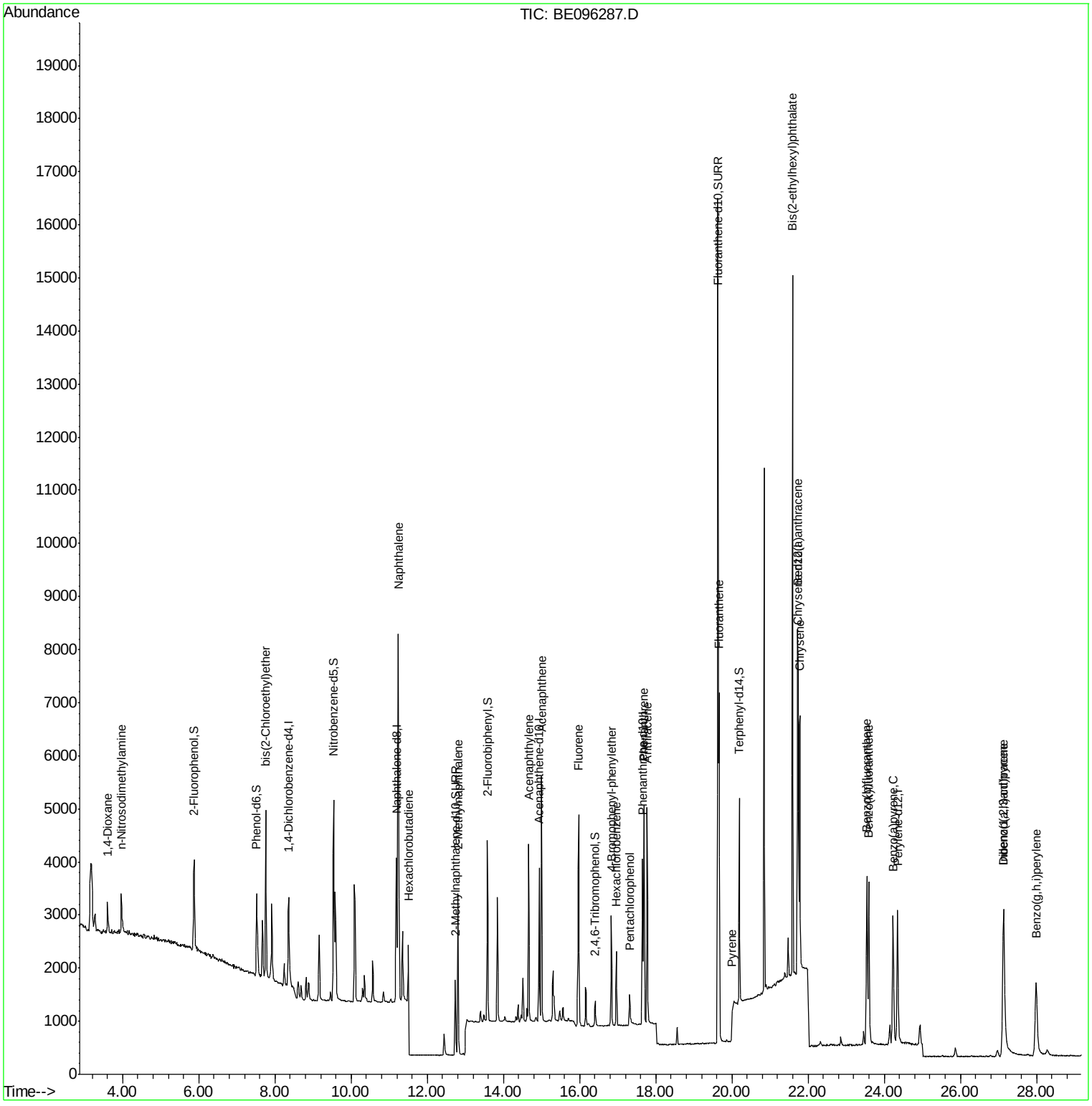
(#) = qualifier out of range (m) = manual integration (+) = signals summed

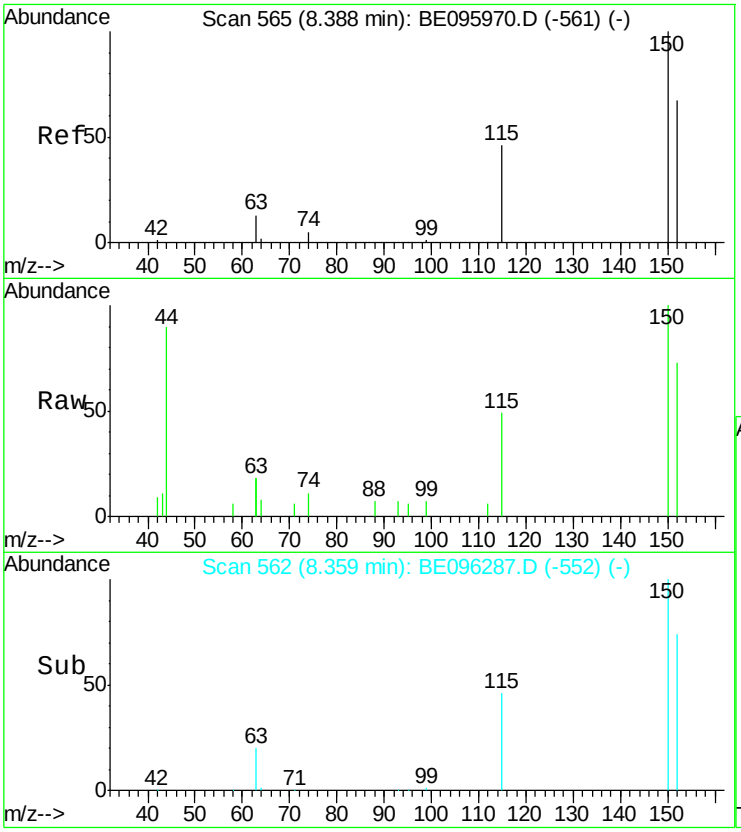
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096287.D
Acq On : 2 May 2018 9:11
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 02 11:19:58 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



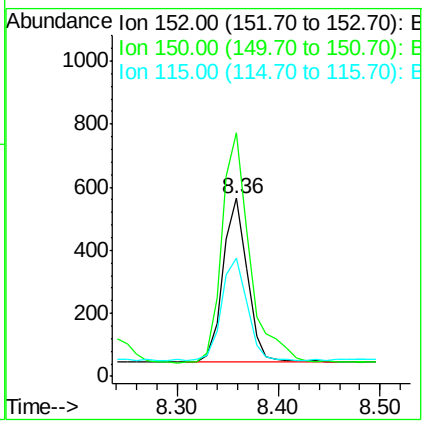


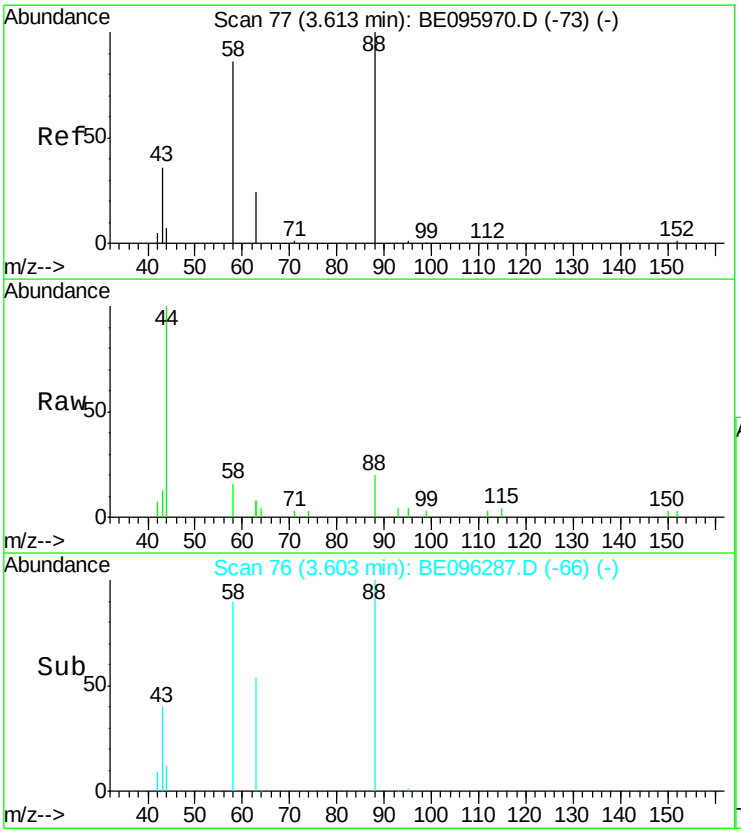
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
150	136.6	117.2	175.8
115	66.4	57.0	85.6

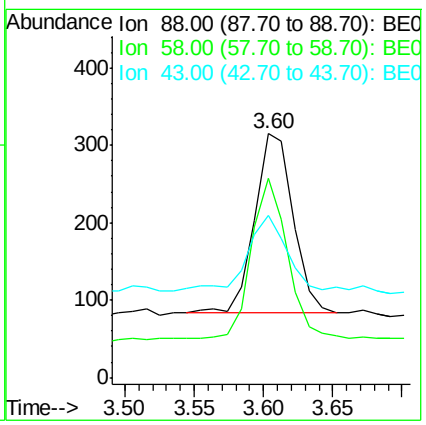


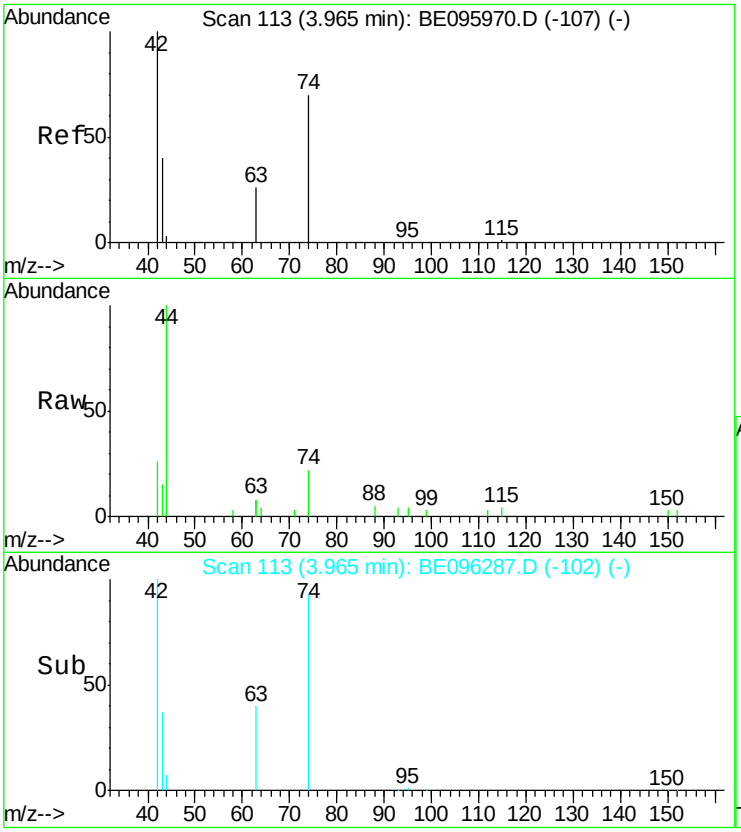


#2
1,4-Dioxane
Concen: 0.335 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion: 88 Resp: 450

Ion	Ratio	Lower	Upper
88	100		
58	83.3	63.2	94.8
43	43.3	41.2	61.8



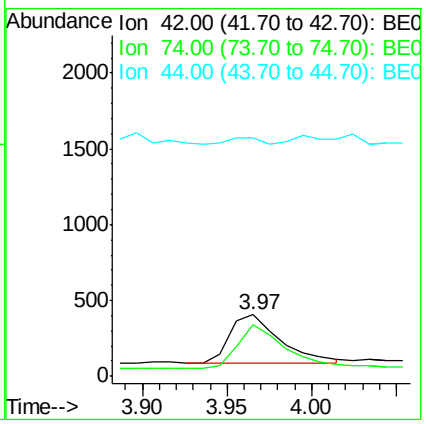


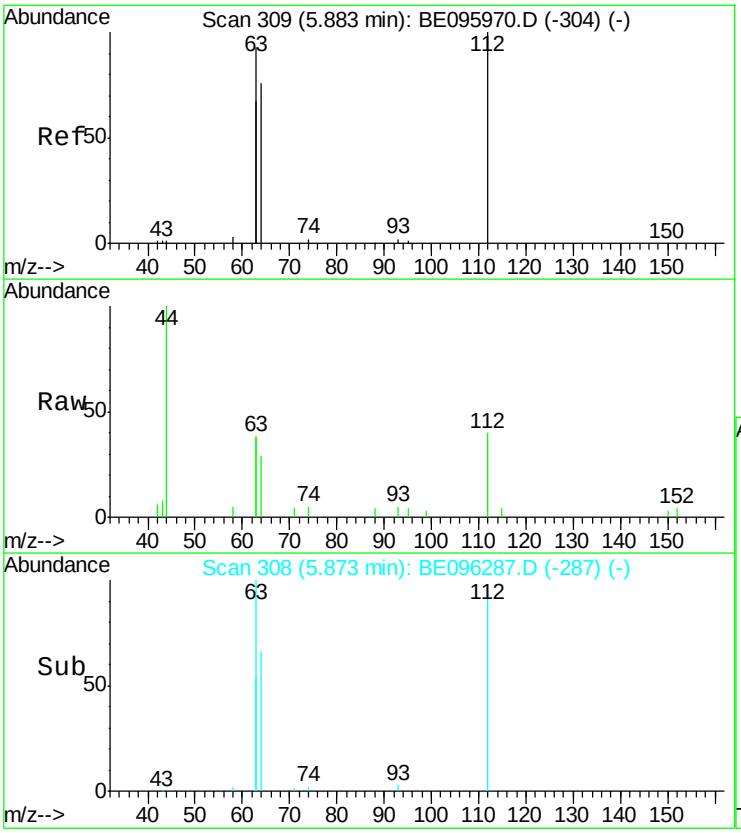
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 647

Ion	Ratio	Lower	Upper
42	100		
74	87.2	96.0	144.0#
44	8.0	12.0	18.0#

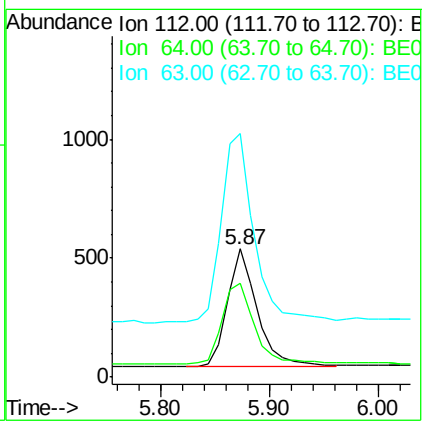


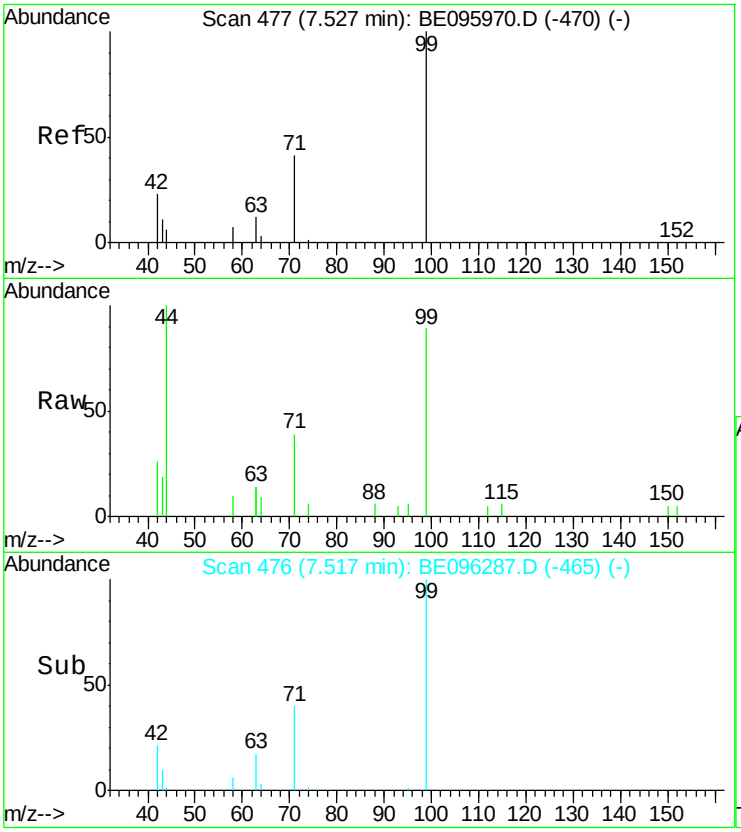


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:112 Resp: 942

Ion	Ratio	Lower	Upper
112	100		
64	77.1	60.1	90.1
63	181.3	116.8	175.2#



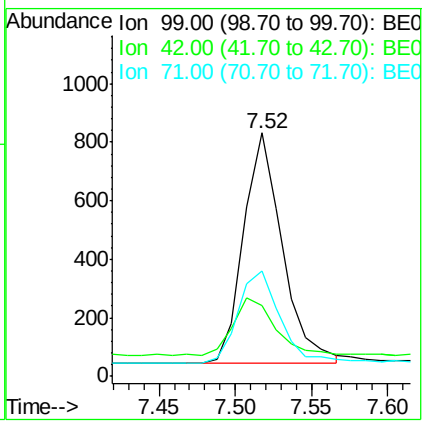


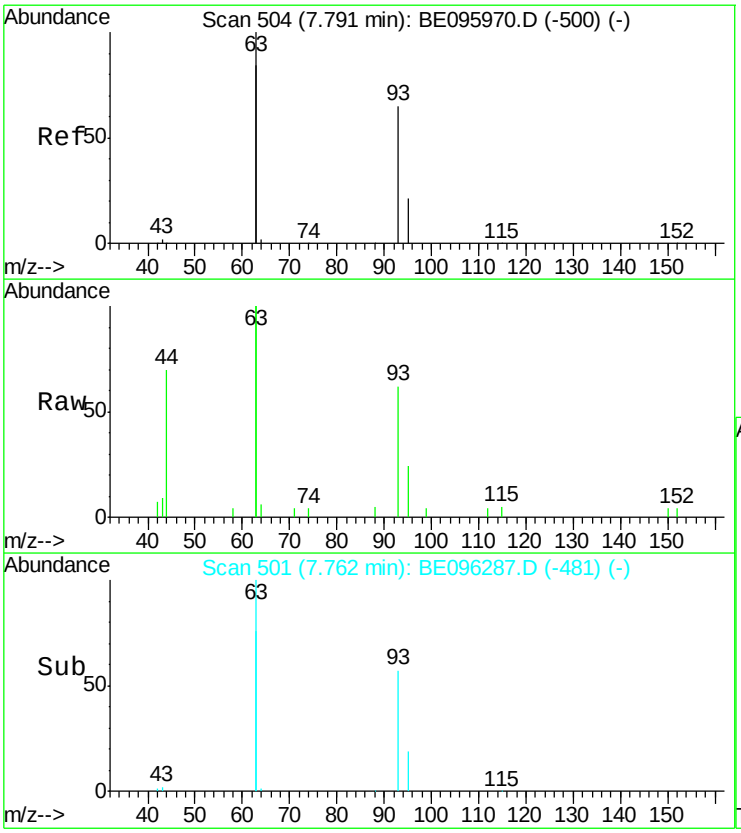
#5
Phenol-d6
Concen: 0.379 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1407

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.2	30.2
71	42.7	28.4	42.6#

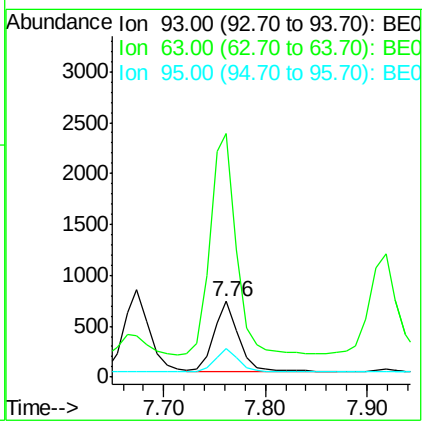


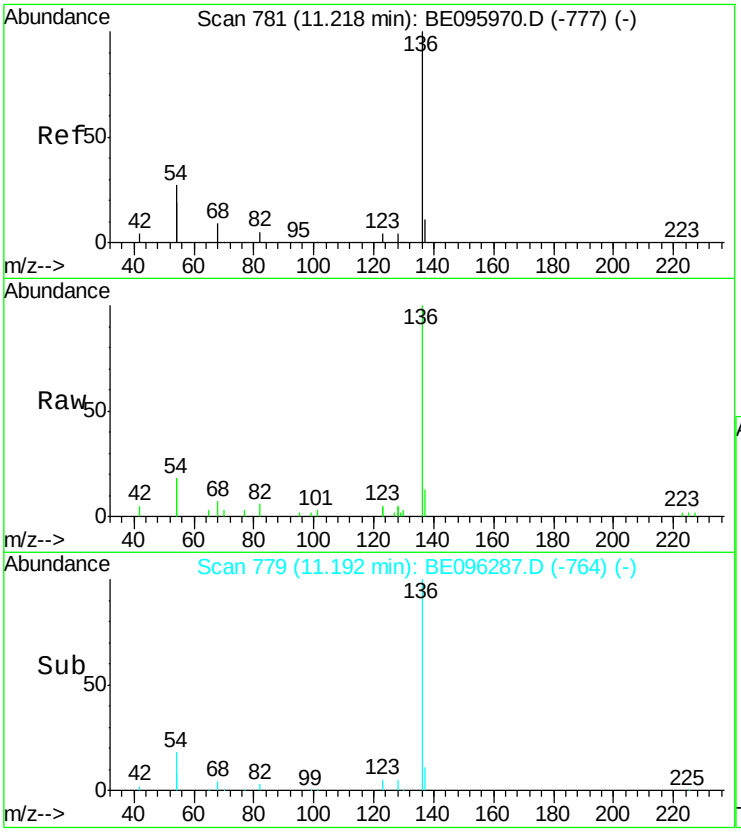


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 7.76 min Scan# 501
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion: 93 Resp: 1174

Ion	Ratio	Lower	Upper
93	100		
63	328.5	275.3	412.9
95	31.9	25.2	37.8



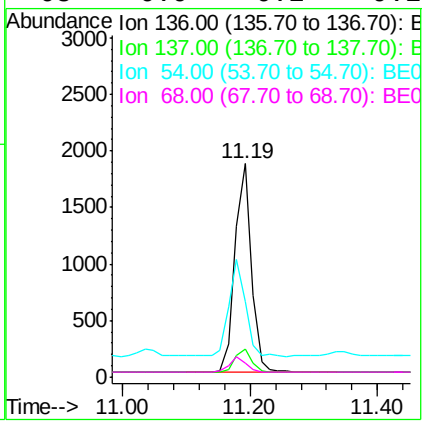


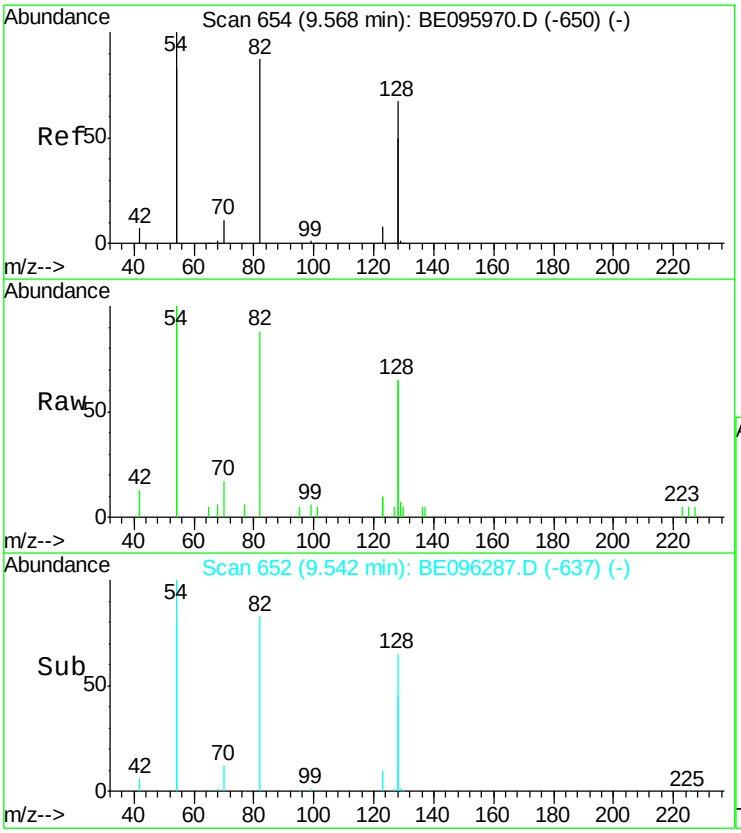
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3311

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	35.2	29.1	43.7
68	6.9	6.2	9.2

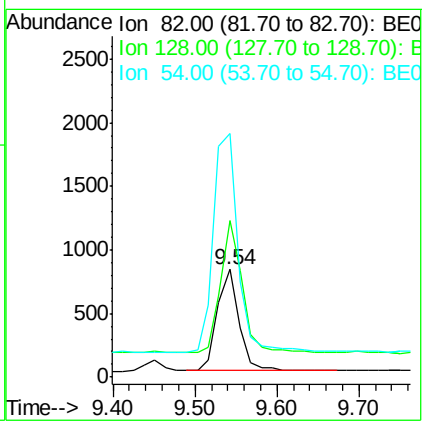


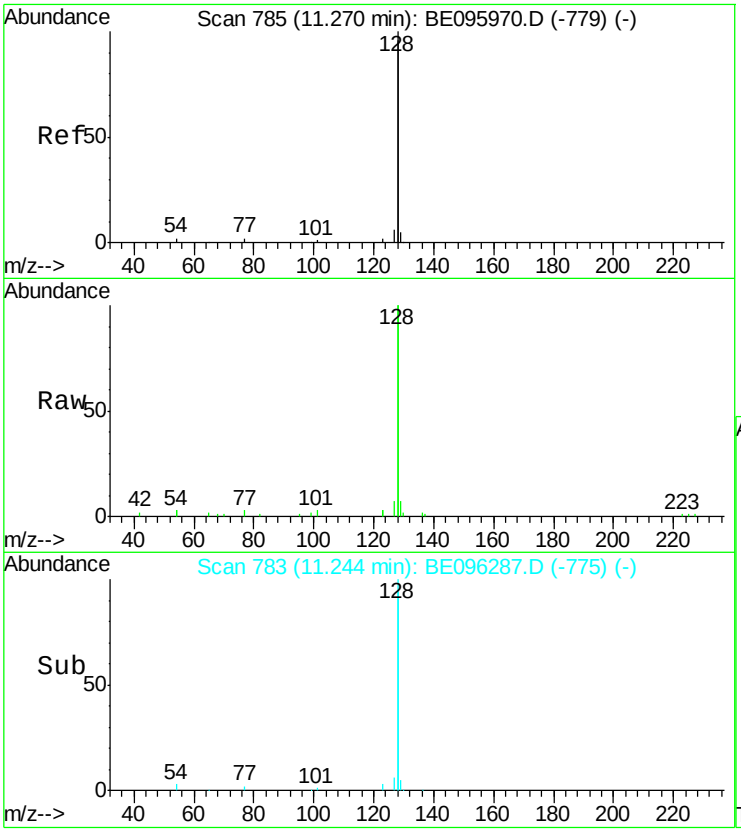


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion: 82 Resp: 1476

Ion	Ratio	Lower	Upper
82	100		
128	146.1	150.0	225.0#
54	226.2	154.2	231.4



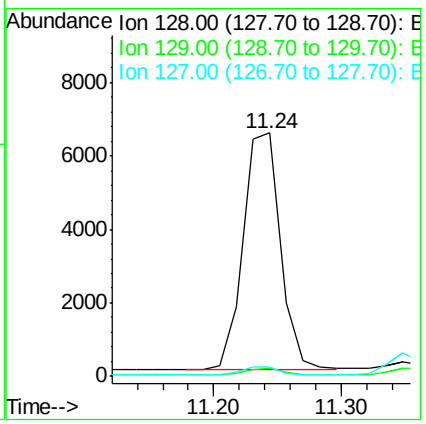


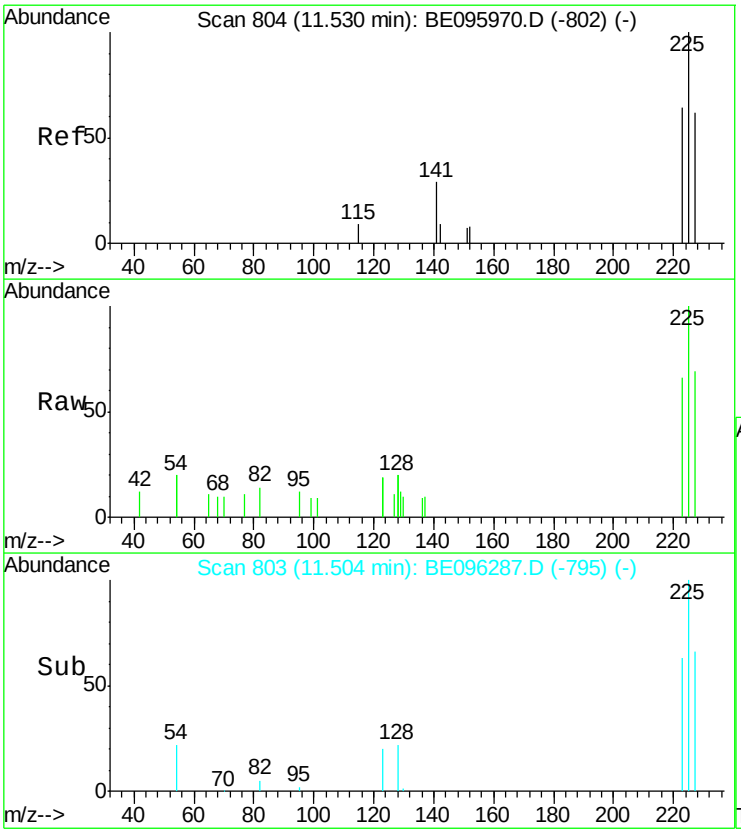
#9
Naphthalene
Concen: 0.372 ng
RT: 11.24 min Scan# 783
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12998

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.6	2.8	4.2

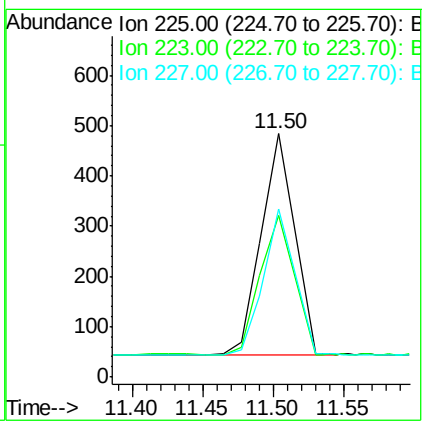


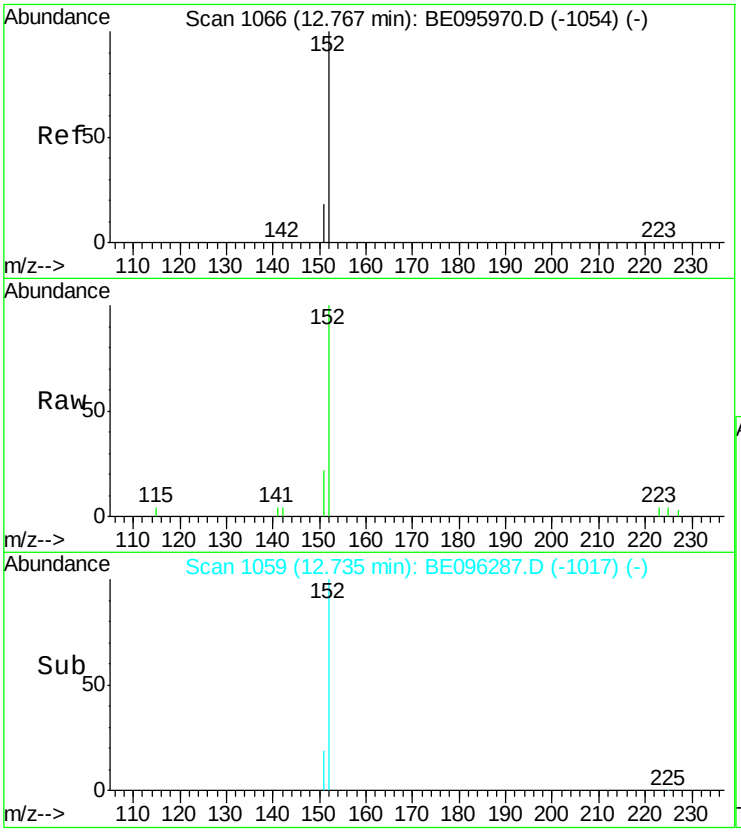


#10
Hexachlorobutadiene
Concen: 0.317 ng
RT: 11.50 min Scan# 803
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:225 Resp: 491

Ion	Ratio	Lower	Upper
225	100		
223	76.8	53.0	79.6
227	55.4	51.4	77.2



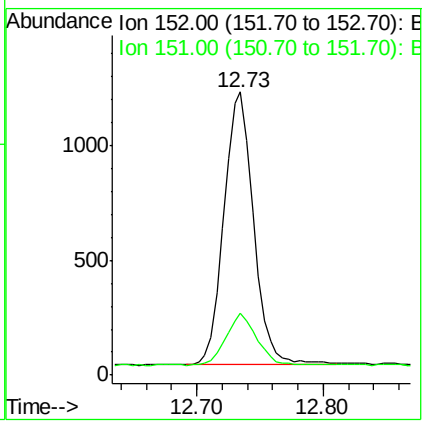


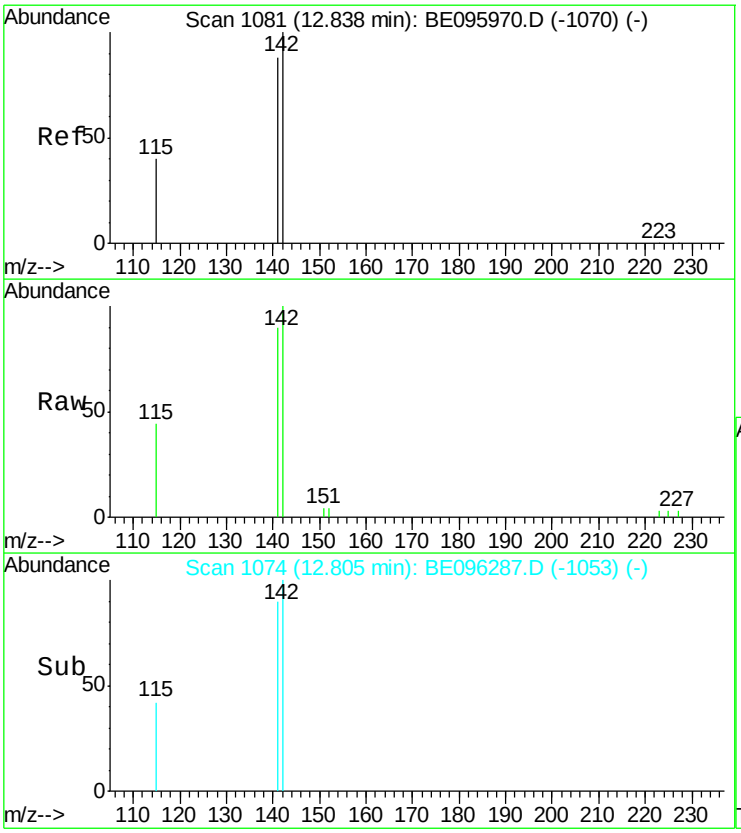
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1936

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

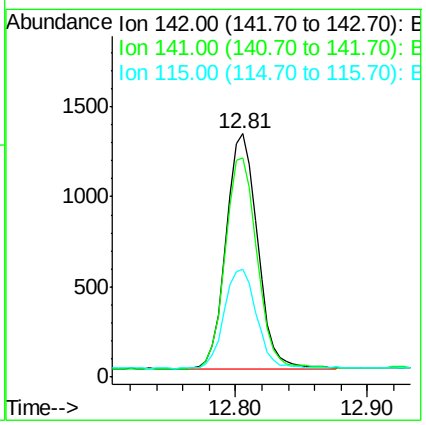


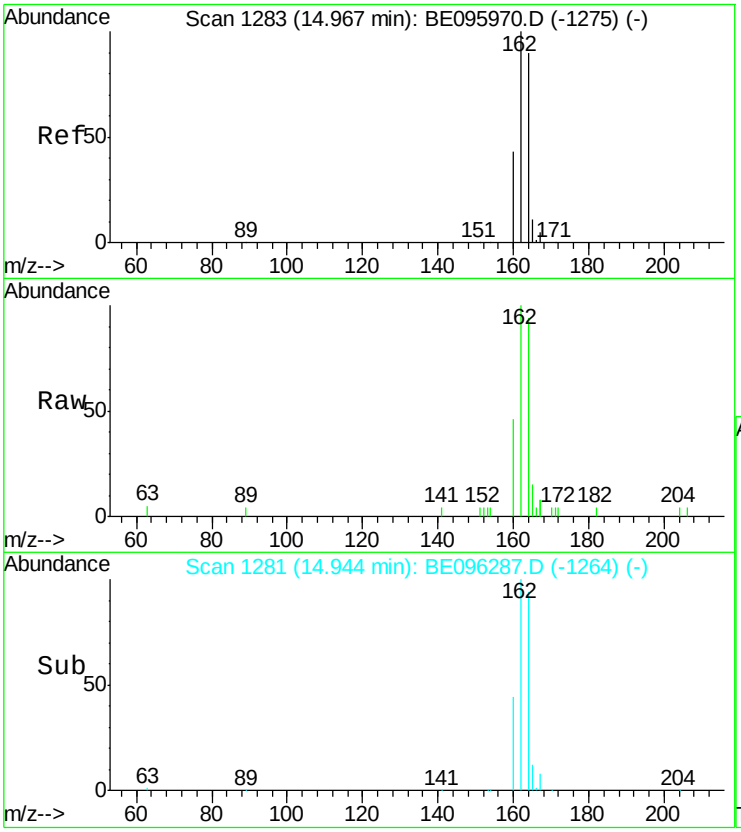


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.81 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:142 Resp: 2158

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6
115	44.1	31.7	47.5



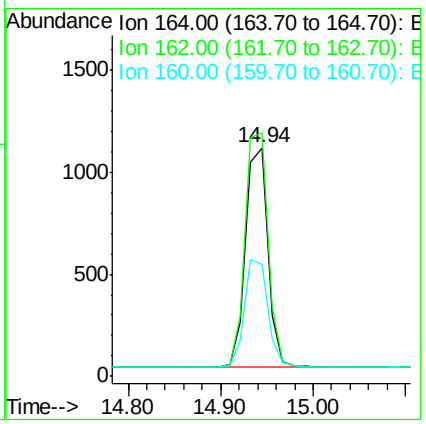


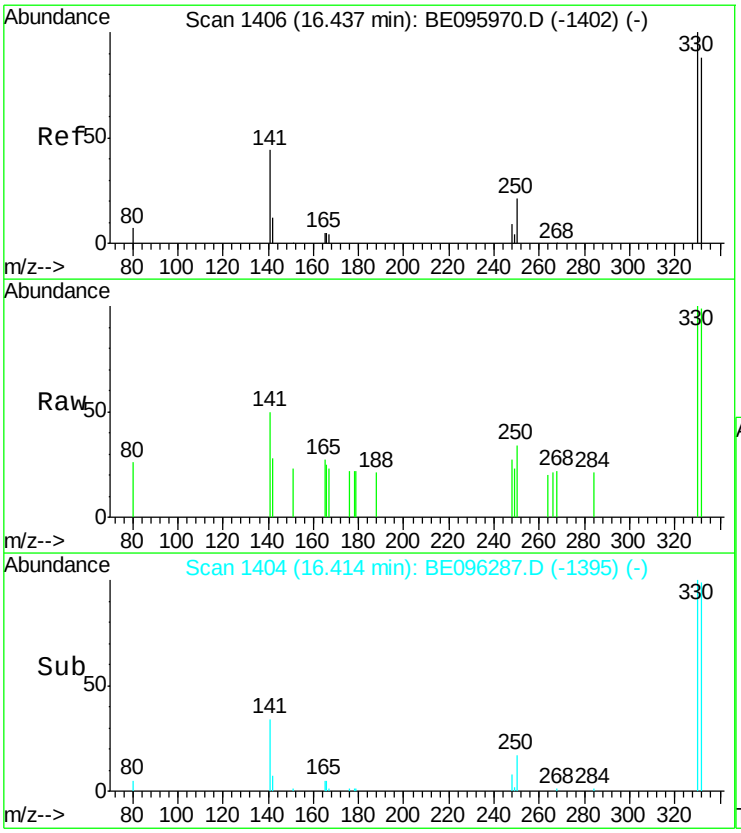
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1810

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.1	124.7
160	49.0	37.1	55.7

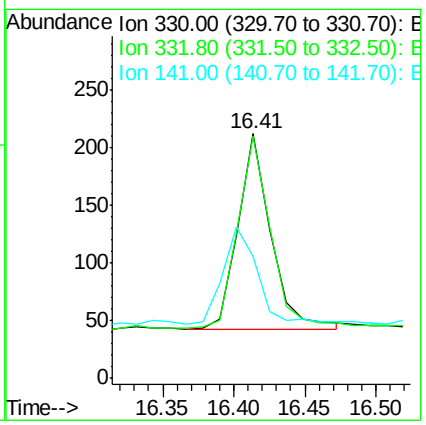


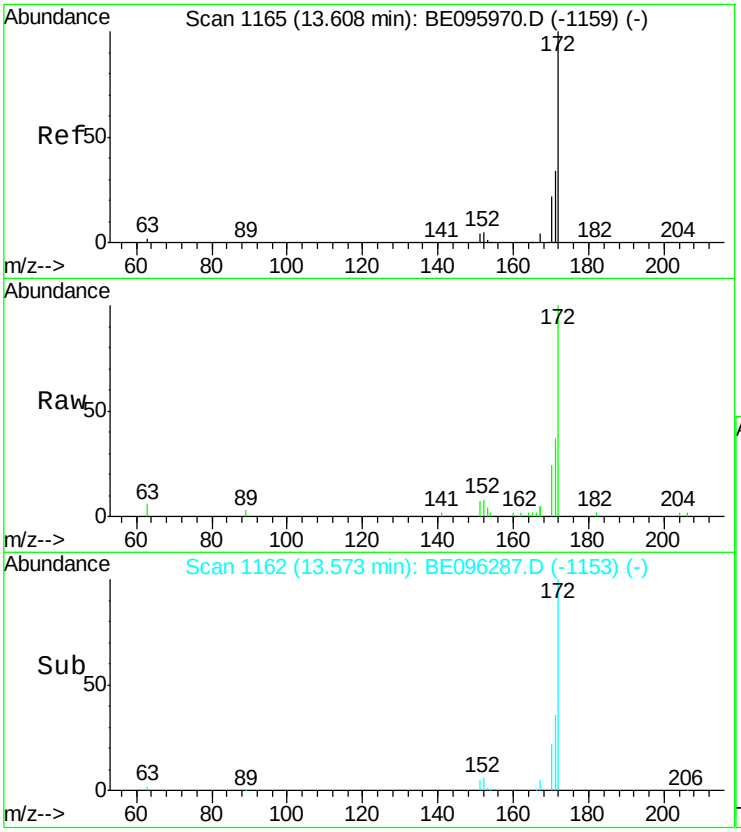


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:330 Resp: 274

Ion	Ratio	Lower	Upper
330	100		
332	97.4	152.7	229.1#
141	52.9	33.7	50.5#



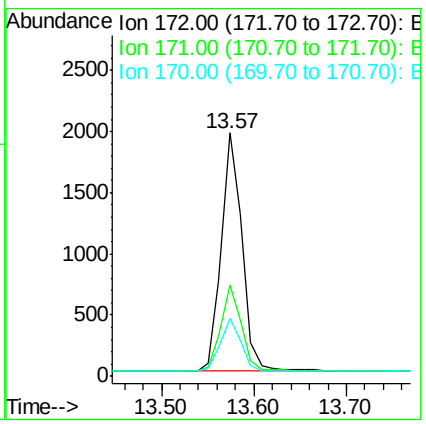


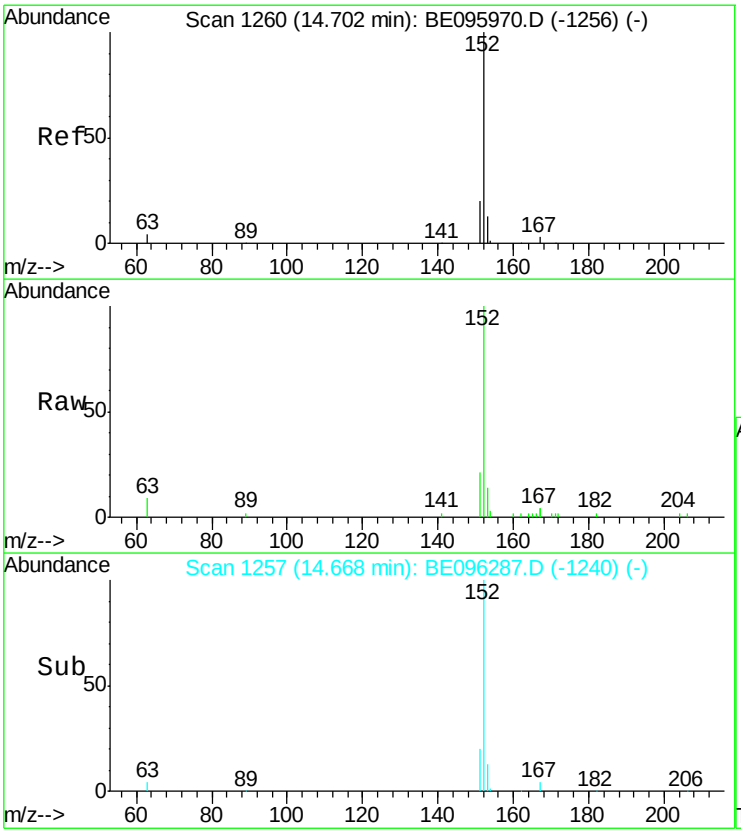
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3032

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	24.0	21.8	32.8

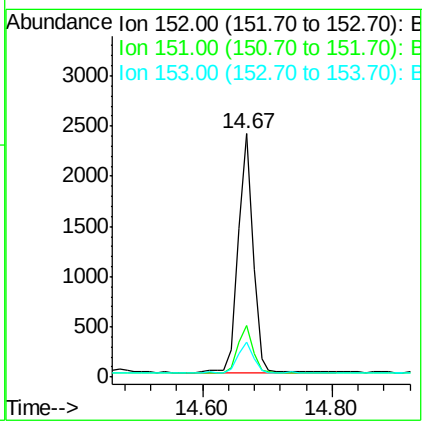


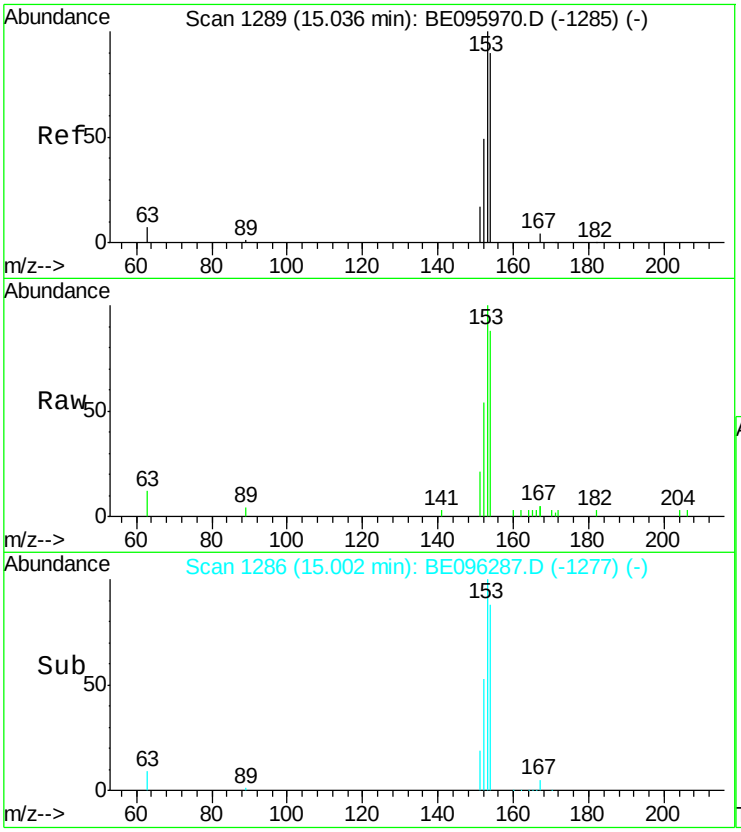


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:152 Resp: 3722

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7



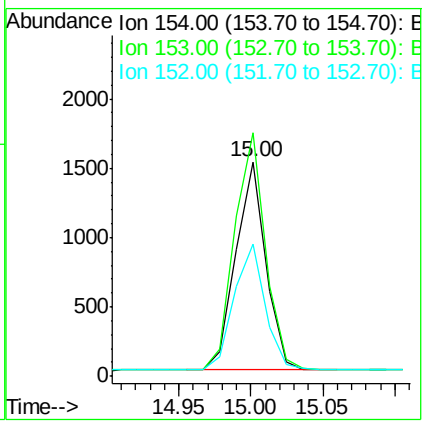


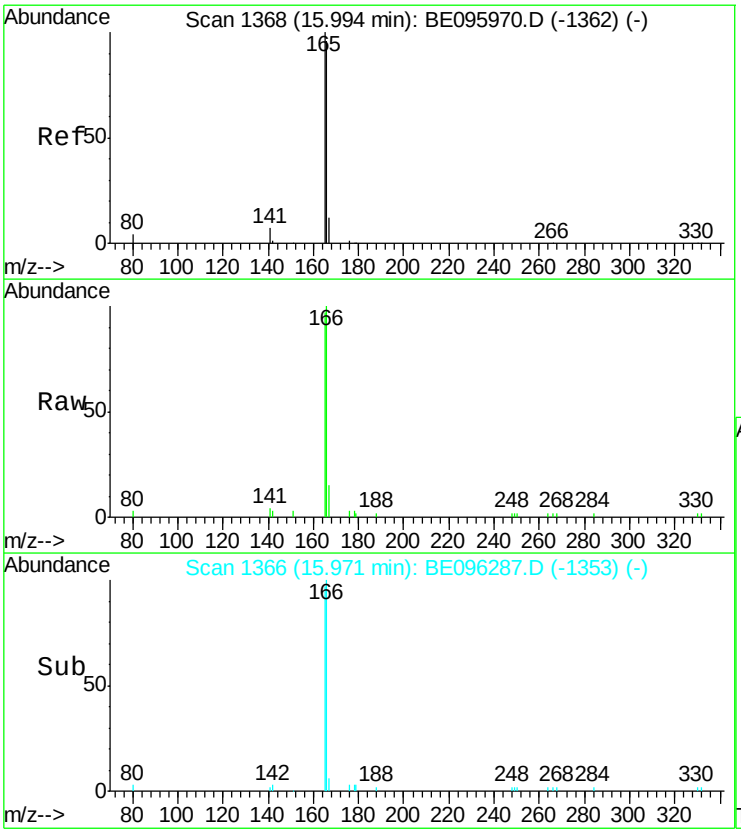
#17
Acenaphthene
Concen: 0.375 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2176

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	62.1	42.0	63.0

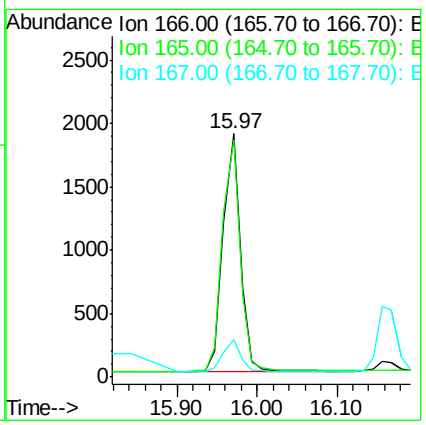


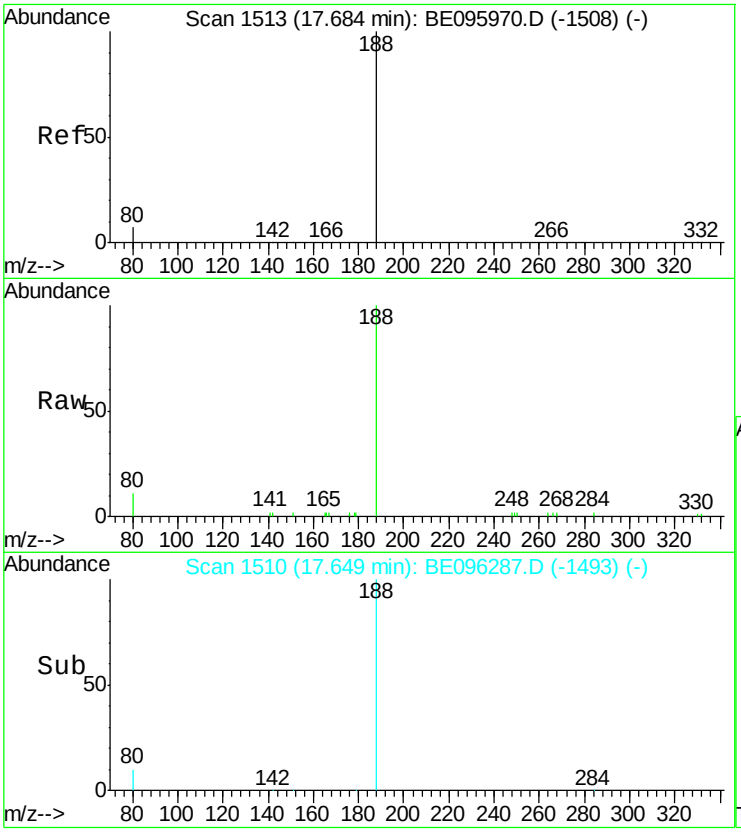


#18
Fluorene
Concen: 0.387 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:166 Resp: 2785

Ion	Ratio	Lower	Upper
166	100		
165	121.3	77.8	116.6#
167	13.6	42.4	63.6#



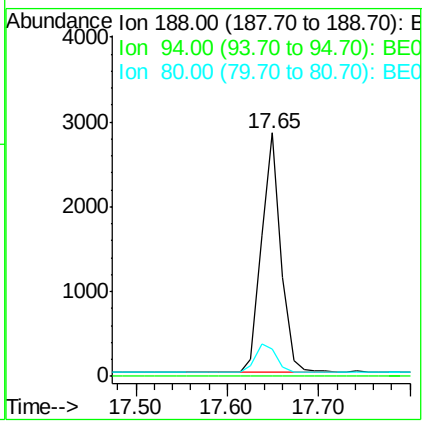


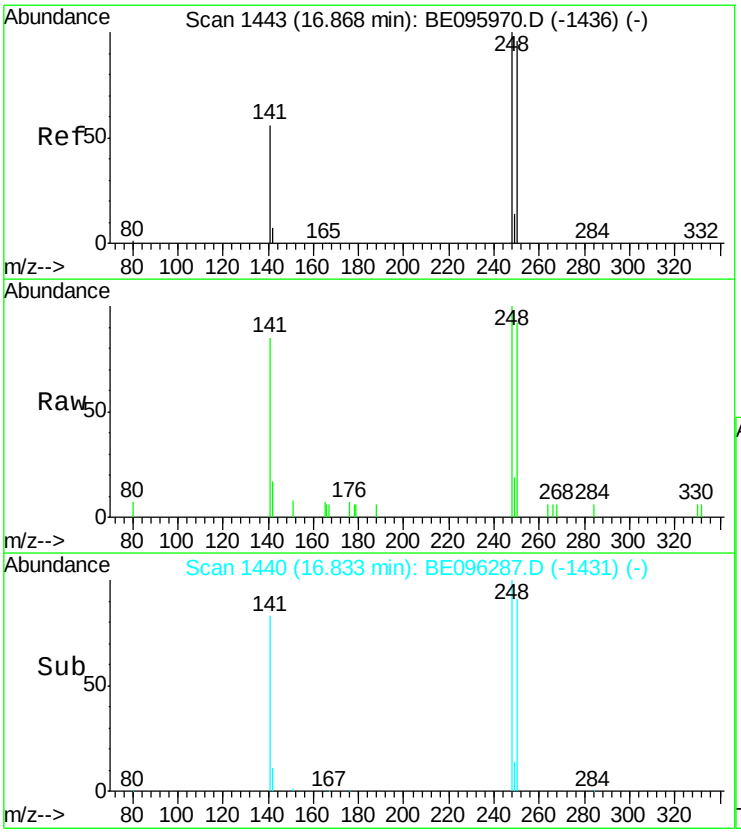
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4173

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.1	3.6	5.4#

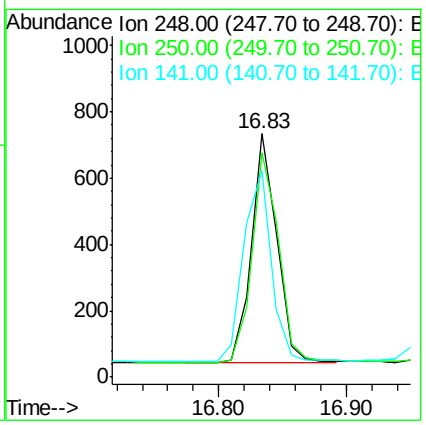


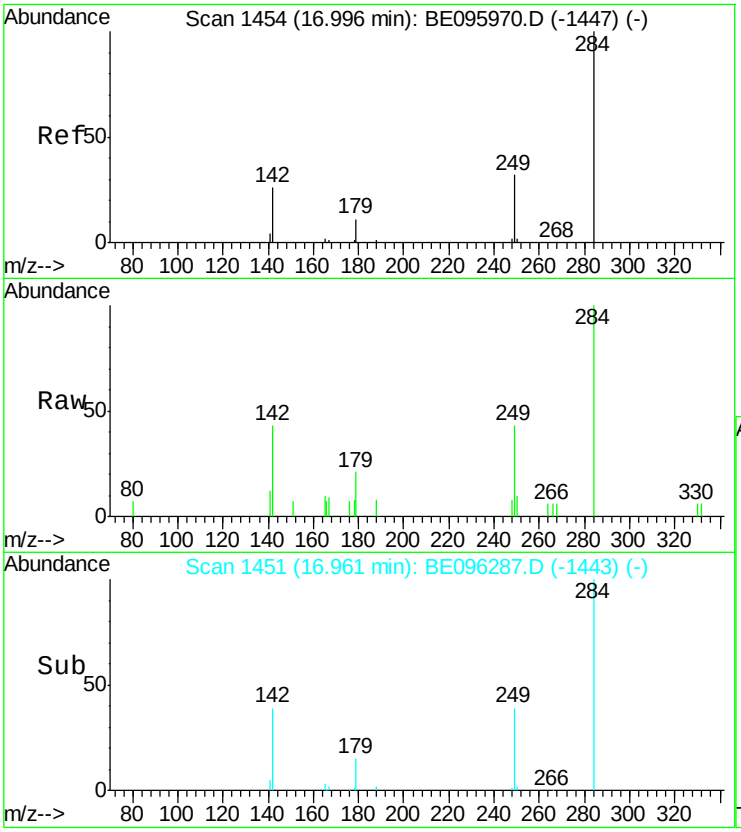


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:248 Resp: 959

Ion	Ratio	Lower	Upper
248	100		
250	92.0	62.7	94.1
141	84.7	48.2	72.2#



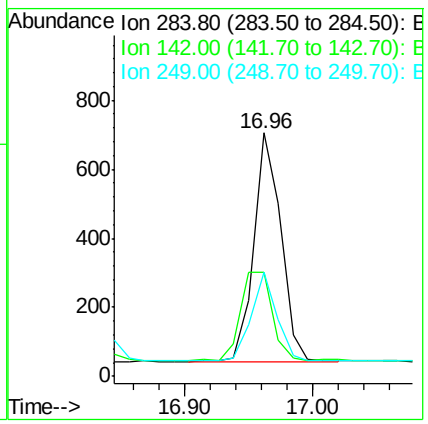


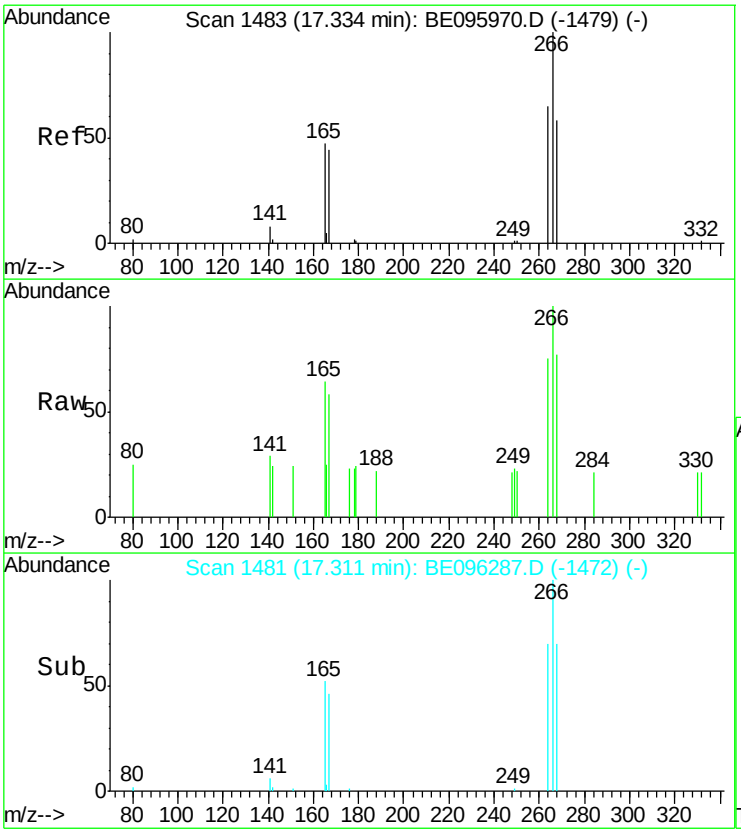
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 977

Ion	Ratio	Lower	Upper
284	100		
142	45.0	22.1	33.1#
249	36.2	34.8	52.2

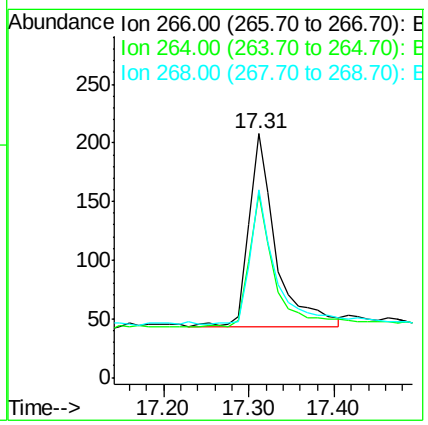


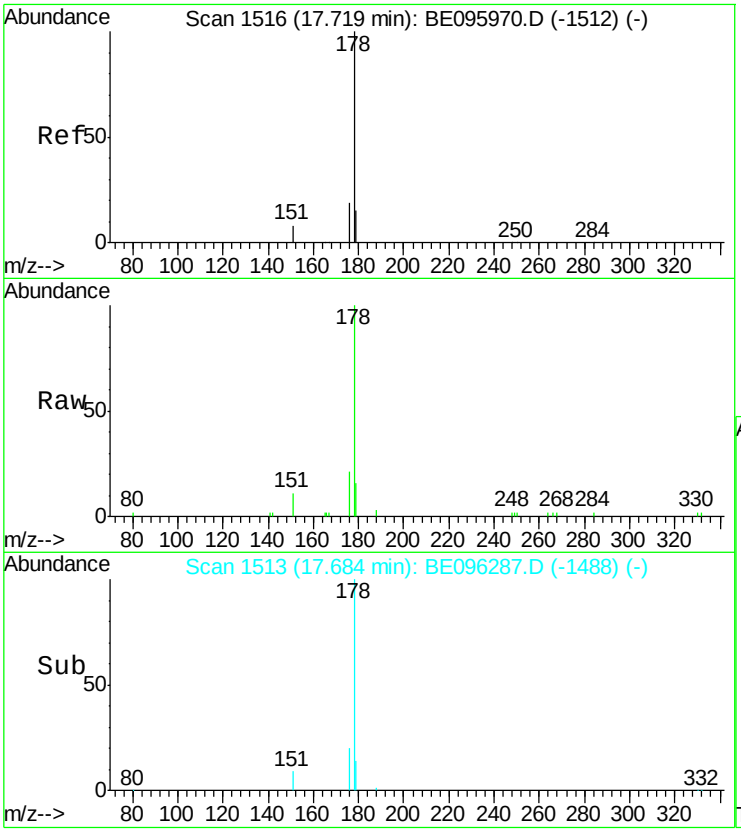


#22
Pentachlorophenol
Concen: 0.457 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:266 Resp: 366

Ion	Ratio	Lower	Upper
266	100		
264	75.5	72.5	108.7
268	76.9	73.8	110.6



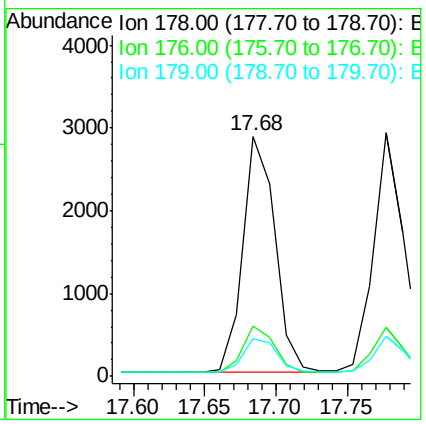


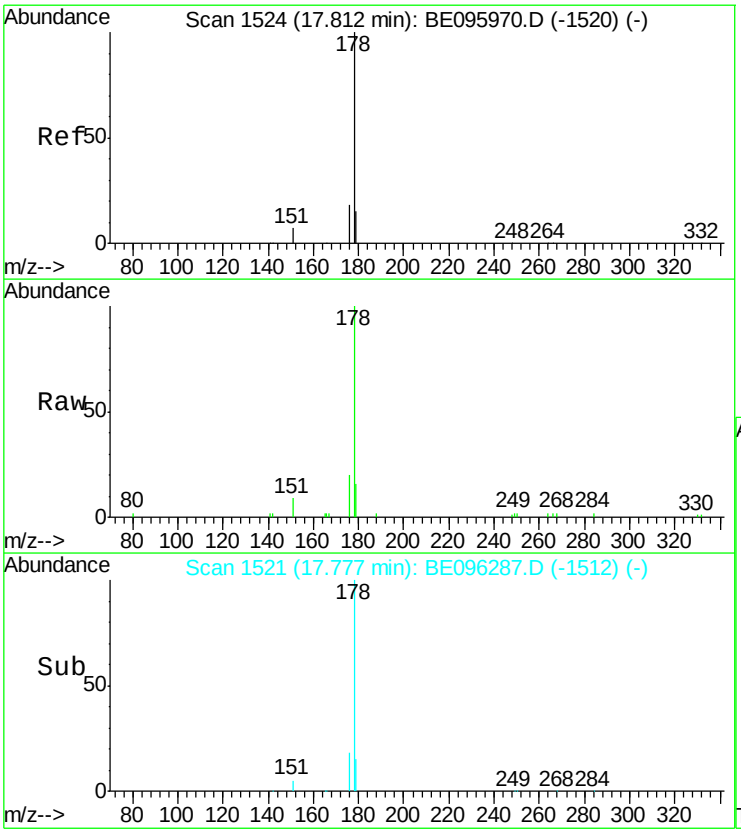
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4483

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	14.9	11.8	17.6

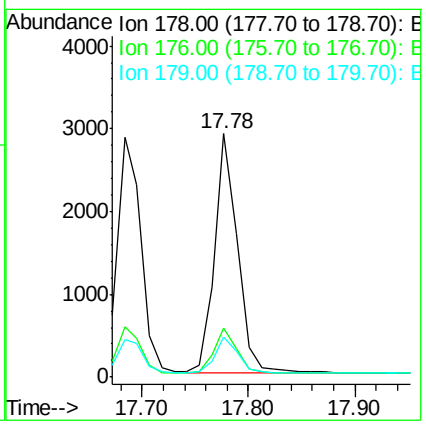


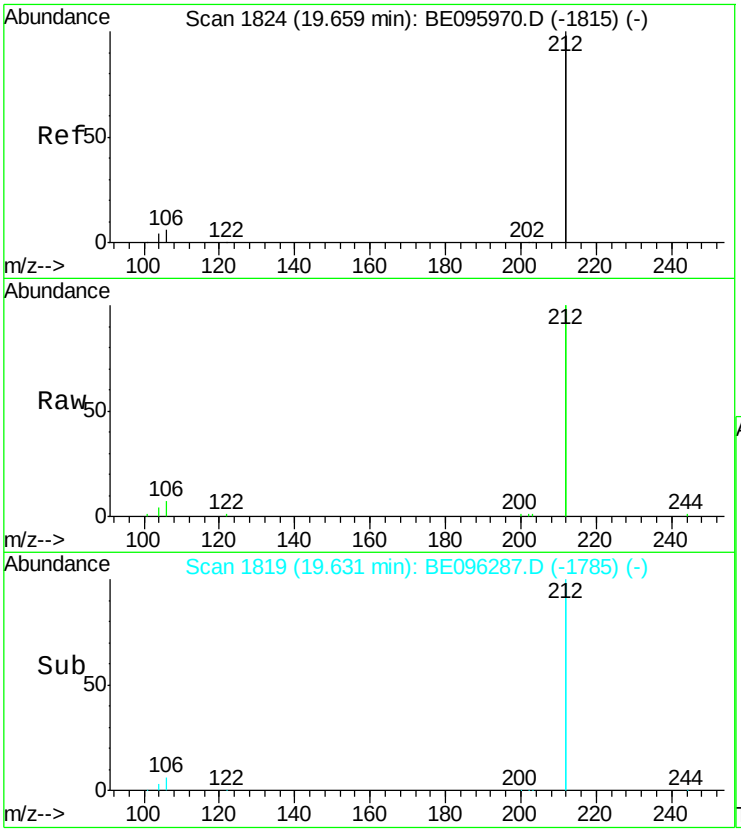


#24
Anthracene
Concen: 0.381 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:178 Resp: 4265

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	14.8	13.0	19.6



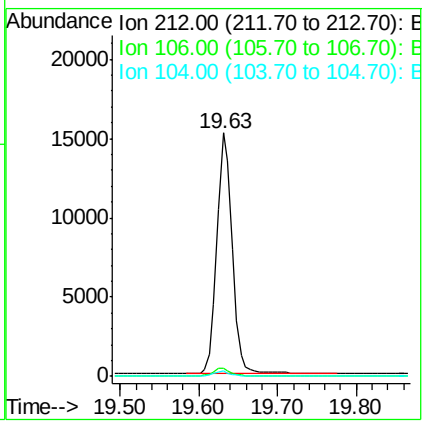


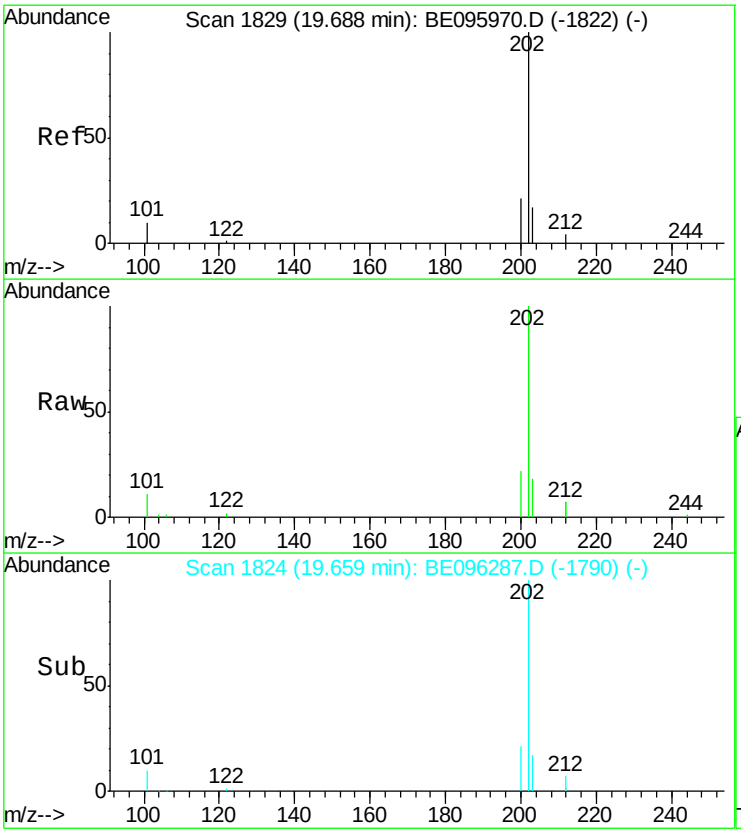
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 20228

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4

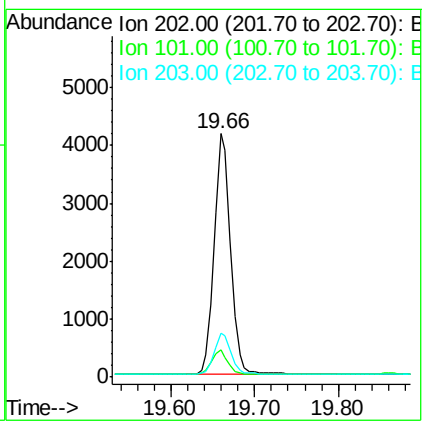


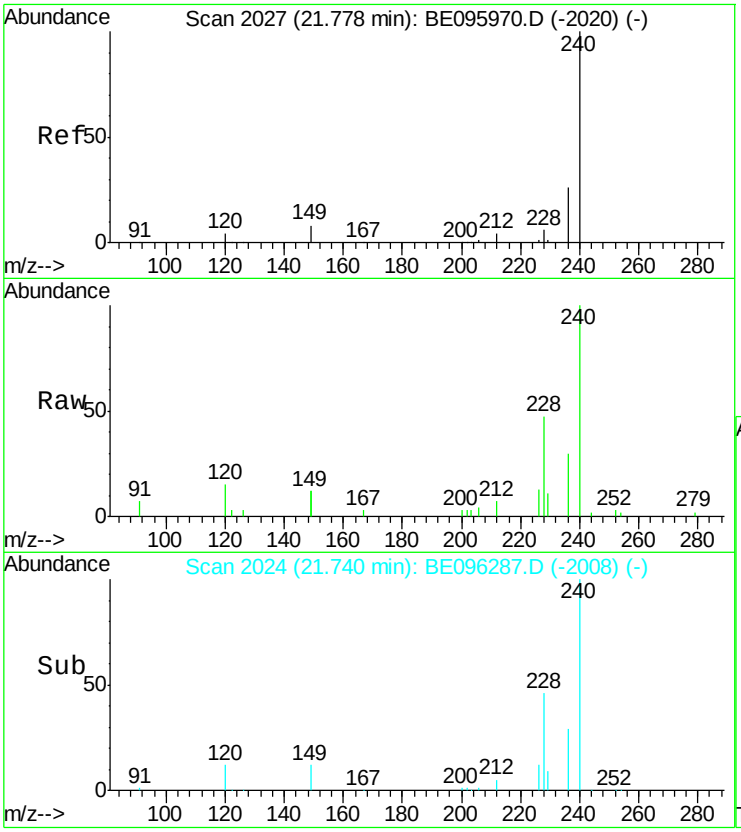


#26
Fluoranthene
Concen: 0.366 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:202 Resp: 5635

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
203	17.1	13.7	20.5



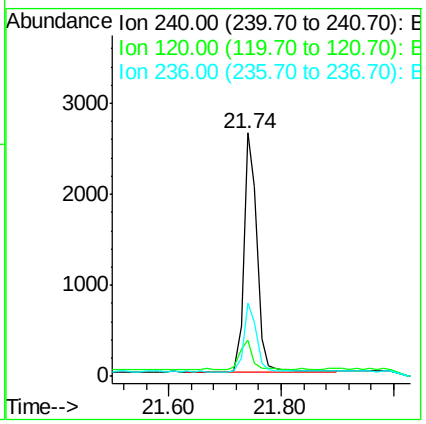


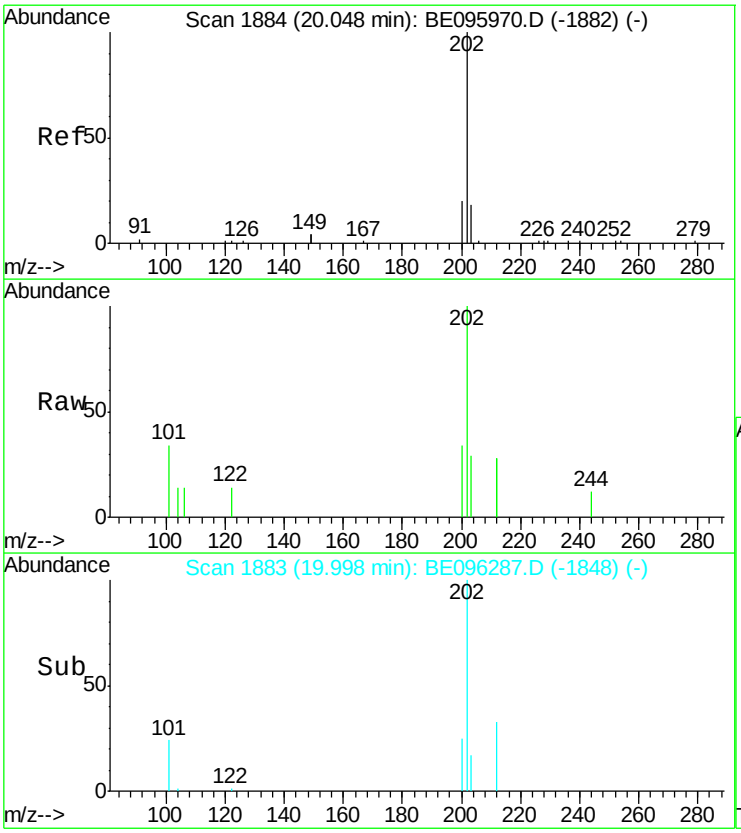
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4213

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.5	8.3#
236	30.1	20.7	31.1

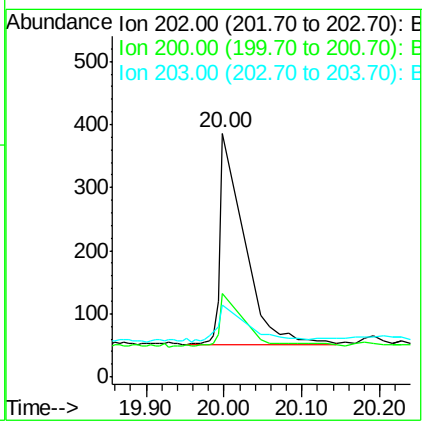


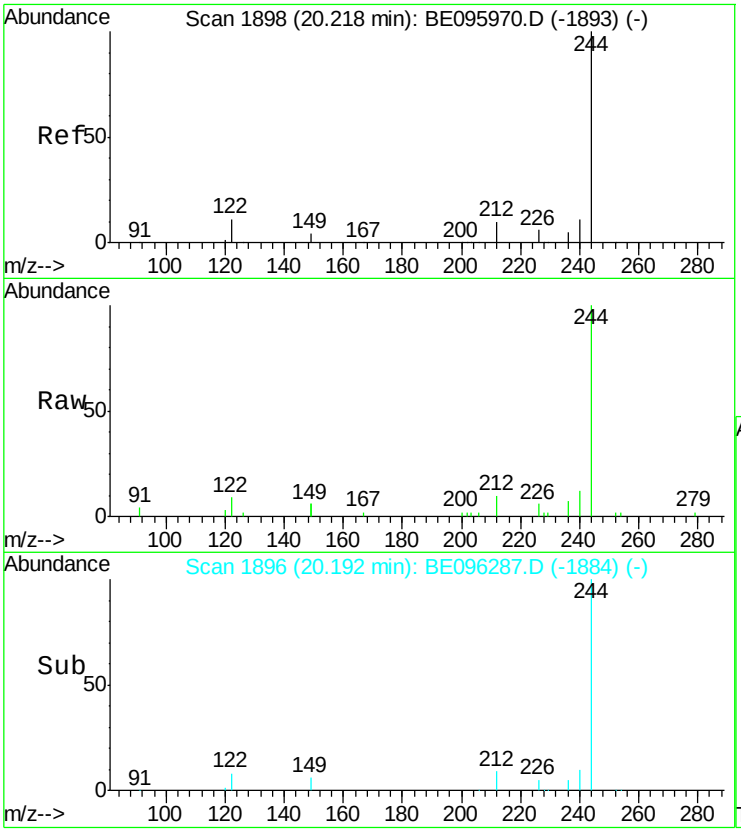


#28
Pyrene
Concen: 0.049 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:202 Resp: 403

Ion	Ratio	Lower	Upper
202	100		
200	24.3	16.6	25.0
203	27.0	13.8	20.8#



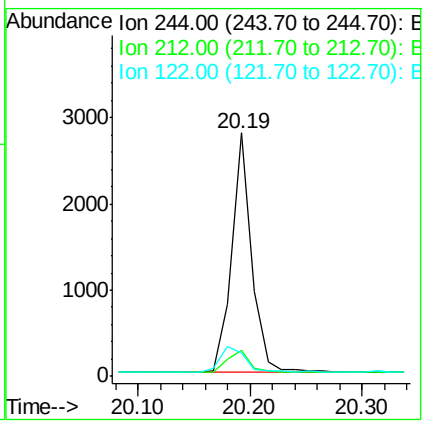


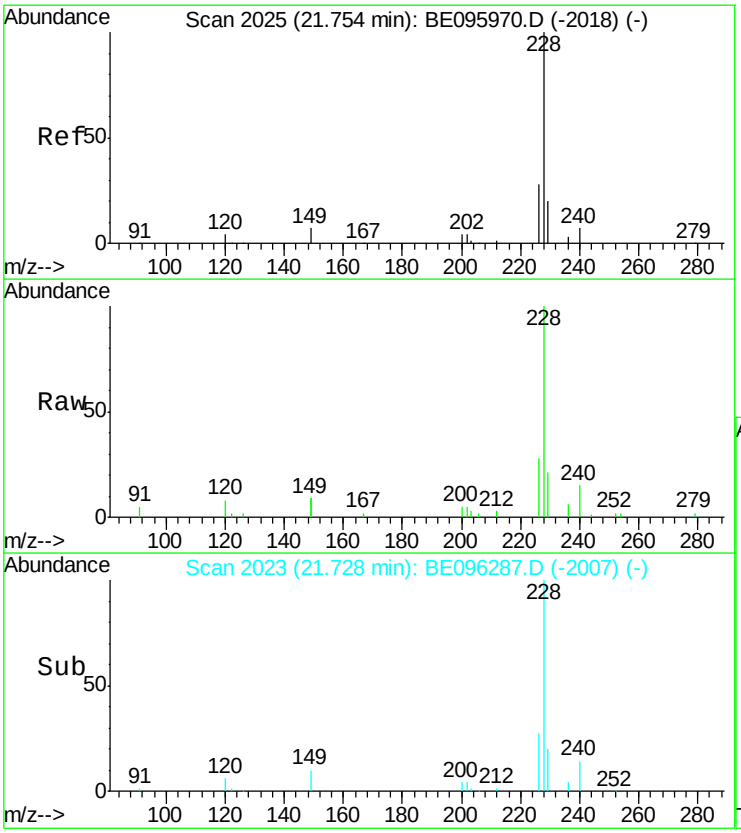
#29
Terphenyl-d14
Concen: 0.372 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3467

Ion	Ratio	Lower	Upper
244	100		
212	10.4	25.4	38.0#
122	9.4	8.1	12.1

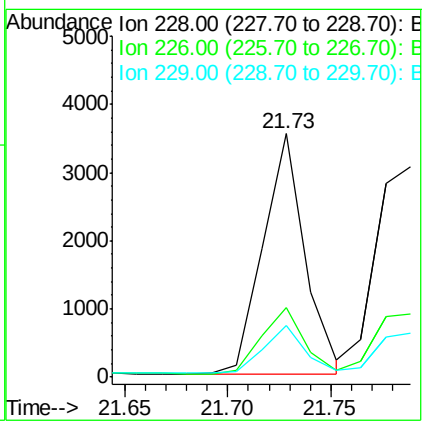


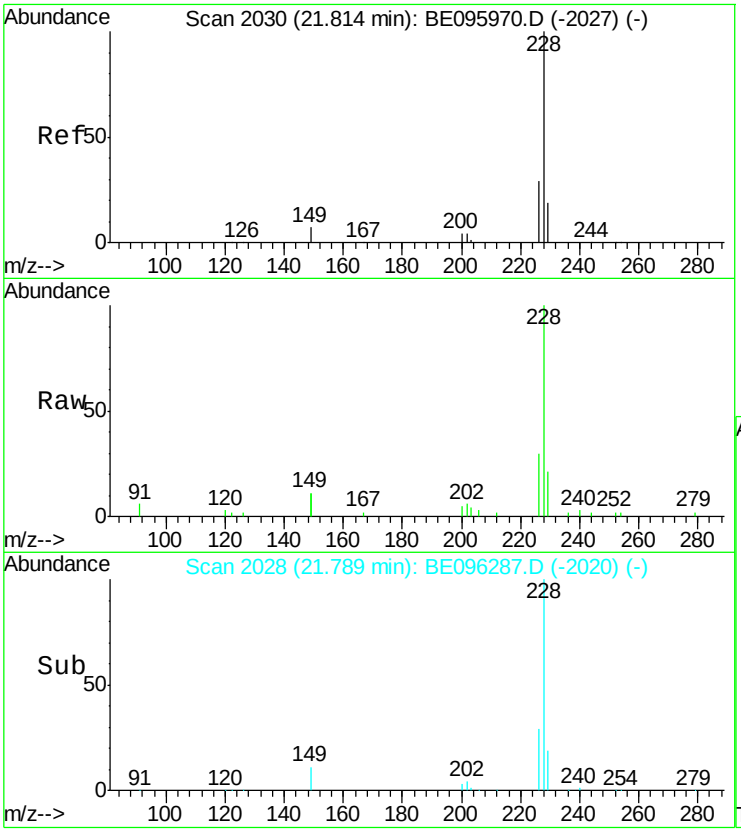


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:228 Resp: 4996

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	21.3	16.0	24.0



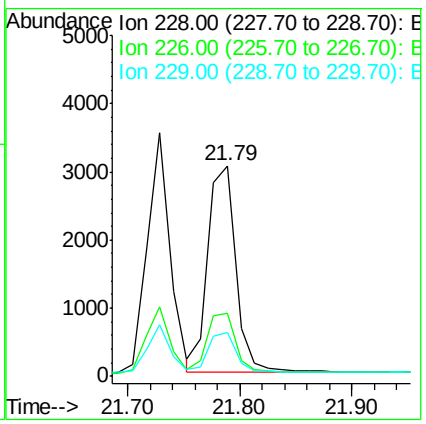


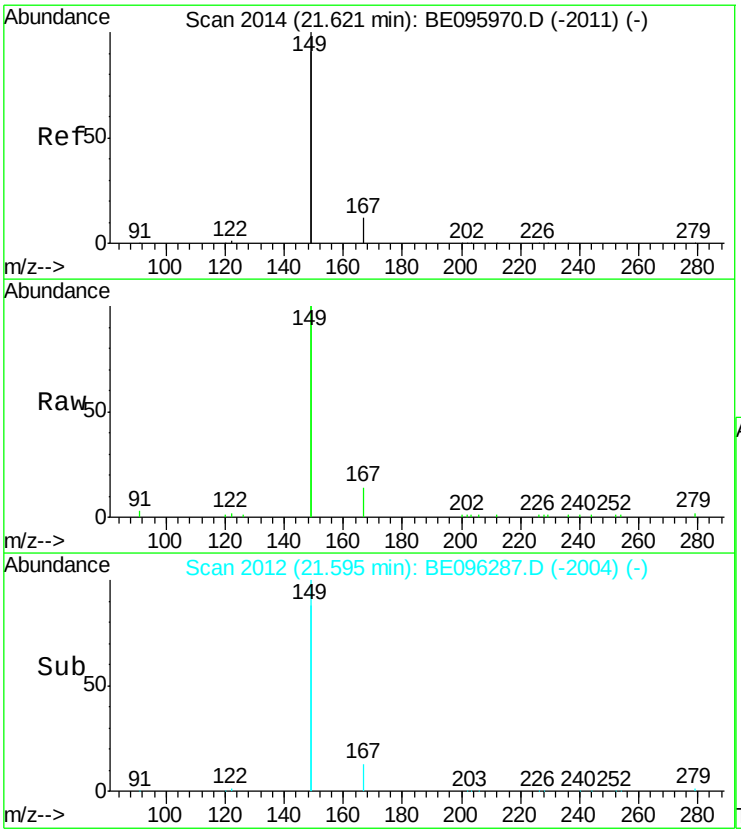
#31
Chrysene
Concen: 0.399 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5203

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.9	16.0	24.0

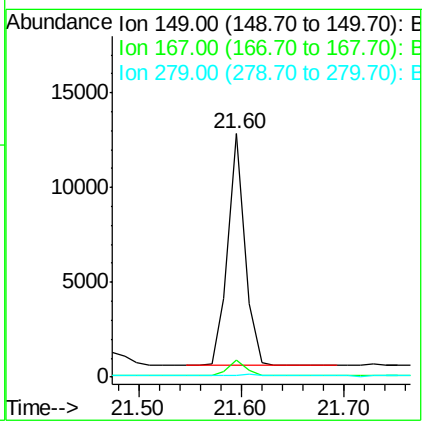


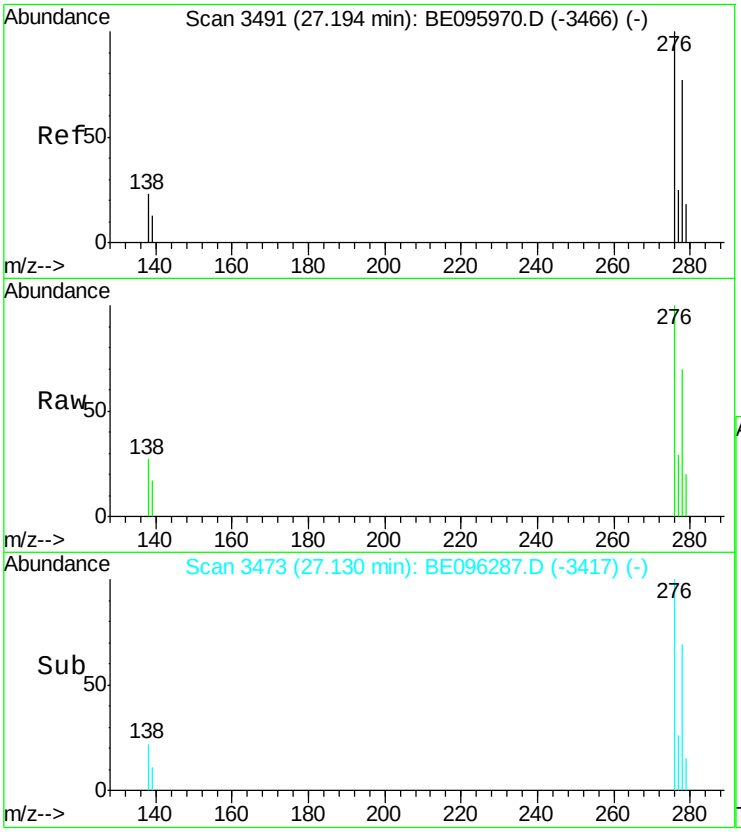


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.404 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:149 Resp: 14078

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



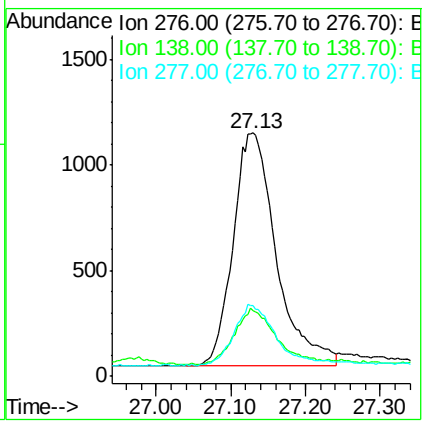


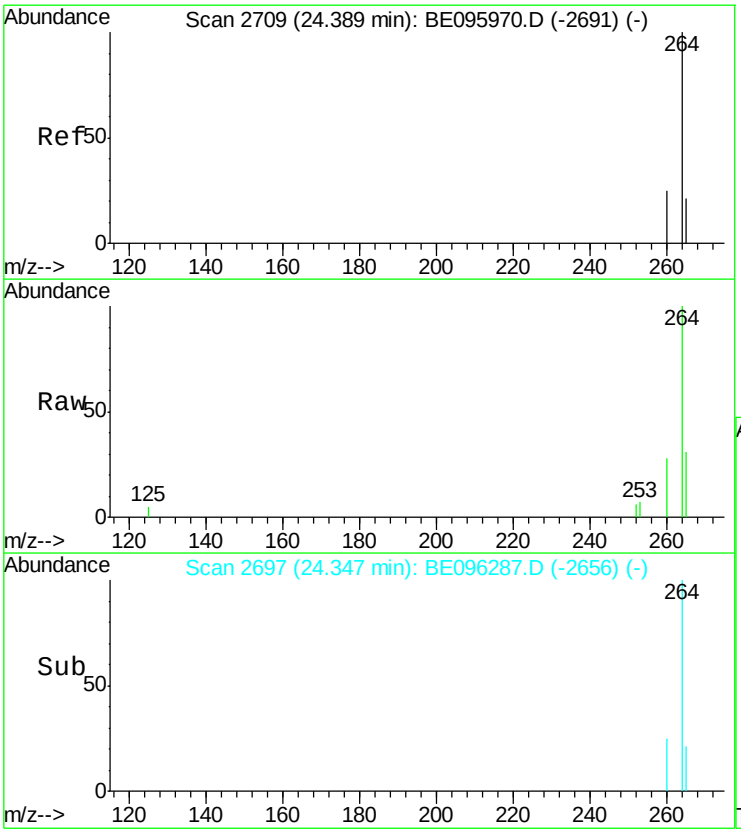
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng
RT: 27.13 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4456

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.5	33.7
277	25.3	19.9	29.9

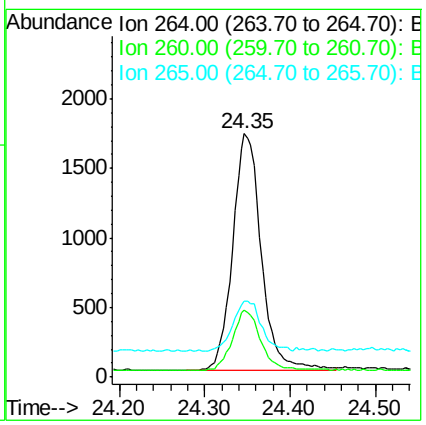


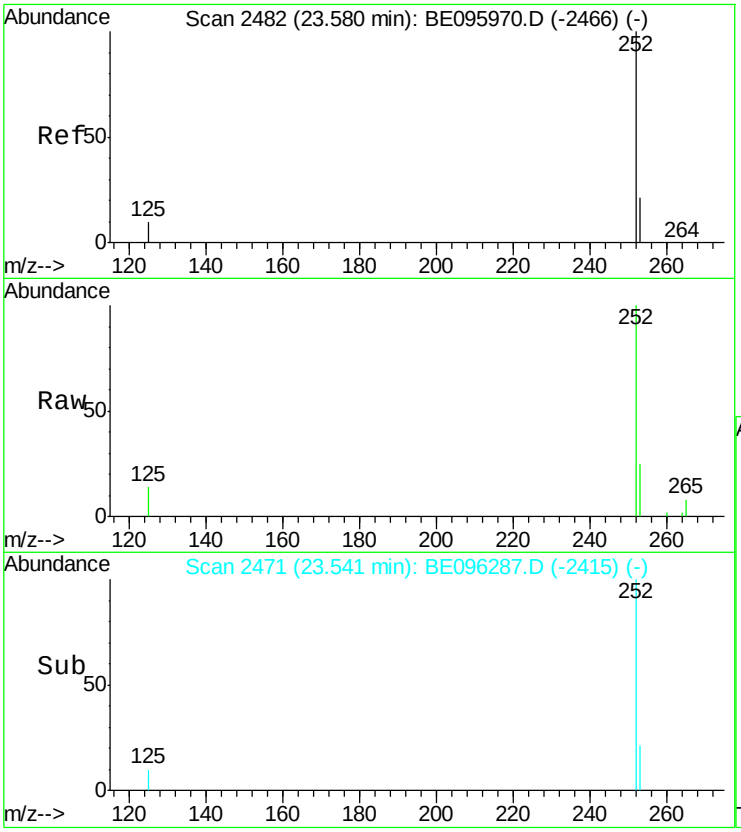


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:264 Resp: 3927

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.5	30.7
265	31.3	22.8	34.2



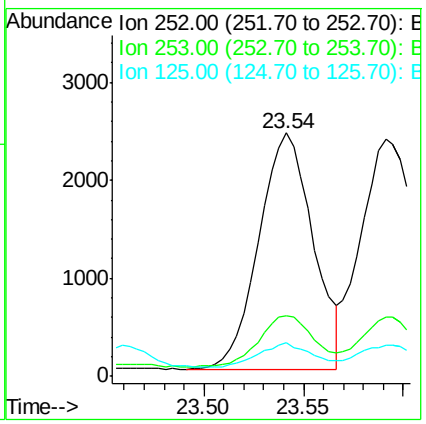


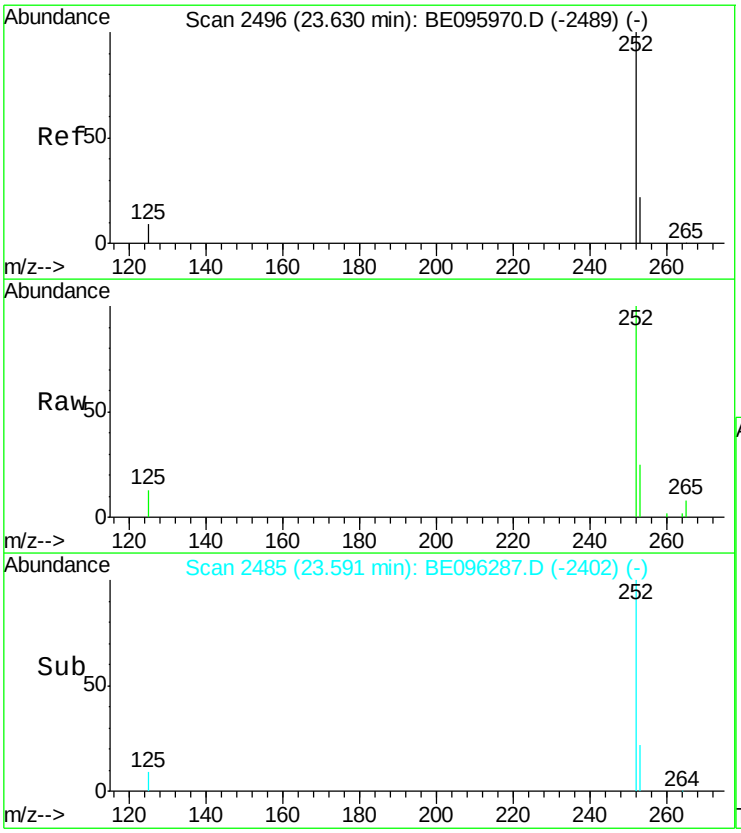
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4544

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	13.7	16.0	24.0#

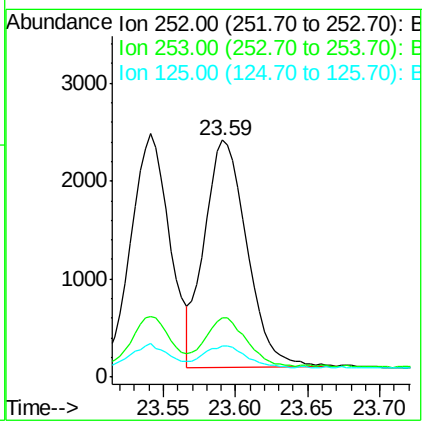


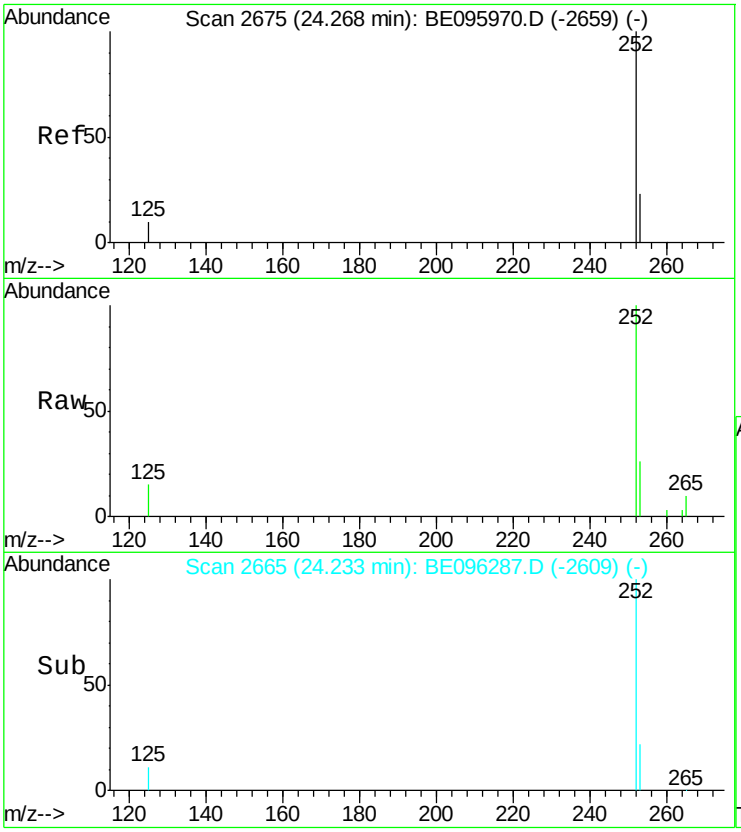


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.59 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:252 Resp: 4731

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	12.9	8.0	12.0#



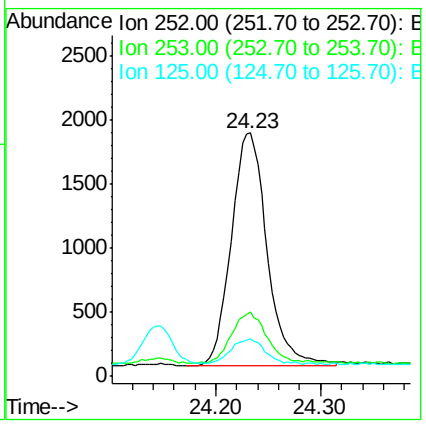


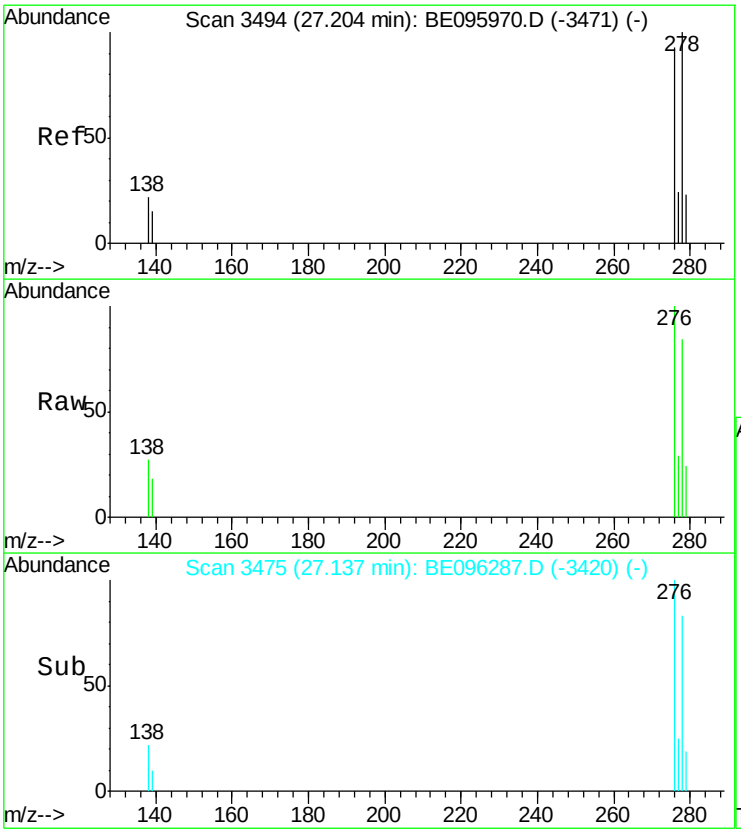
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4340

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.0	24.0#
125	15.4	12.0	18.0

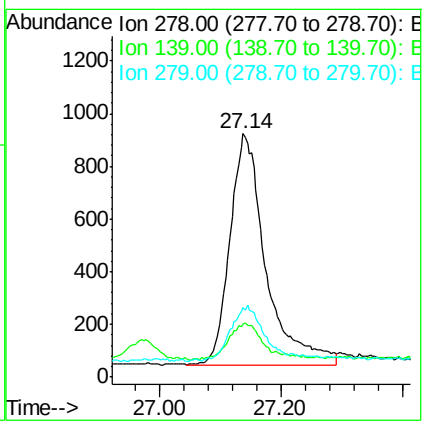


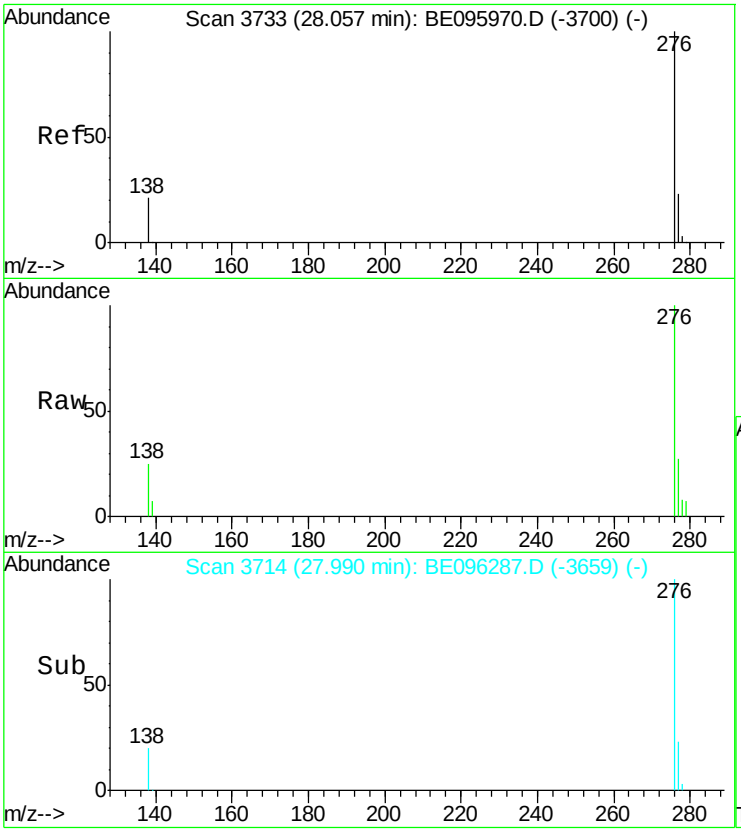


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 27.14 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Tgt Ion:278 Resp: 3597

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.0	24.0
279	28.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.99 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE096287.D
Acq: 2 May 2018 9:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3917

Ion	Ratio	Lower	Upper
276	100		
277	27.0	16.0	24.0#
138	24.9	20.0	30.0