Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096313.D
Acq On : 3 May 2018 2:52
Operator : SJ/JU
Sample : J2662-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 03 03:44:41 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	884	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	3370	0.40	ng		0.00
13) Acenaphthene-d10	14.93	164	1808	0.40	ng		-0.01
19) Phenanthrene-d10	17.65	188	4015	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3904	0.40	ng		0.00
34) Perylene-d12	24.34	264	3606	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	493	0.18	ng		0.00
5) Phenol-d6	7.52	99	417	0.11	ng		0.00
8) Nitrobenzene-d5	9.45	82	143	0.04	ng		-0.09
11) 2-Methylnaphthalene-d10	12.73	152	2156	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	341	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	5569	0.72	ng		0.00
25) Fluoranthene-d10	19.63	212	22948	0.42	ng		0.00
29) Terphenyl-d14	20.19	244	5619	0.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	222	0.163	ng	#	82
3) n-Nitrosodimethylamine	3.96	42	268	0.160	ng	#	68
6) bis(2-Chloroethyl)ether	7.76	93	1125	0.339	ng		99
9) Naphthalene	11.23	128	14338	0.404	ng		99
10) Hexachlorobutadiene	11.50	225	588	0.373	ng	#	87
12) 2-Methylnaphthalene	12.80	142	2414	0.411	ng		95
16) Acenaphthylene	14.67	152	3803	0.394	ng		100
17) Acenaphthene	15.00	154	2261	0.390	ng		93
18) Fluorene	15.97	166	3048	0.425	ng	#	78
20) 4-Bromophenyl-phenylether	16.83	248	929	0.389	ng	#	81
21) Hexachlorobenzene	16.96	284	928	0.391	ng	#	80
22) Pentachlorophenol	17.31	266	418	0.517	ng	#	81
23) Phenanthrene	17.68	178	4883	0.433	ng		98
24) Anthracene	17.78	178	4605	0.427	ng	#	95
26) Fluoranthene	19.66	202	6212	0.419	ng	#	97
28) Pyrene	20.00	202	604	0.079	ng	#	79
30) Benzo(a)anthracene	21.73	228	5241	0.419	ng		97
31) Chrysene	21.78	228	5141	0.425	ng		97
32) Bis(2-ethylhexyl)phthalate	21.60	149	12994	0.402	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4237	0.361	ng		94
35) Benzo(b)fluoranthene	23.54	252	4751	0.439	ng	#	93
36) Benzo(k)fluoranthene	23.59	252	4970	0.447	ng	#	91
37) Benzo(a)pyrene	24.23	252	4373	0.421	ng	#	92
38) Dibenzo(a,h)anthracene	27.14	278	3242	0.354	ng		92
39) Benzo(g,h,i)perylene	27.99	276	3938	0.406	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096313.D
Acq On : 3 May 2018 2:52
Operator : SJ/JU
Sample : J2662-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 03 03:44:41 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
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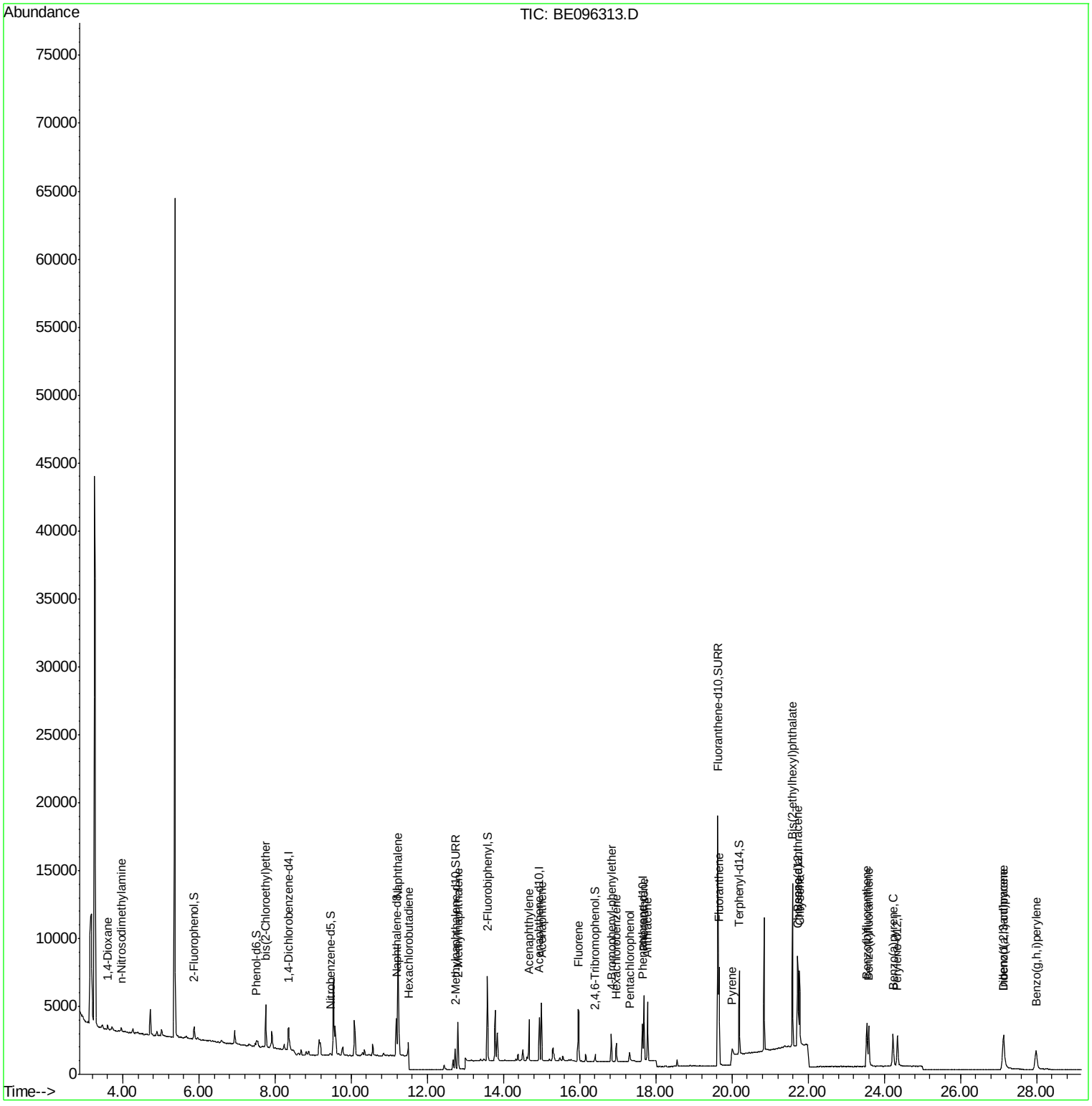
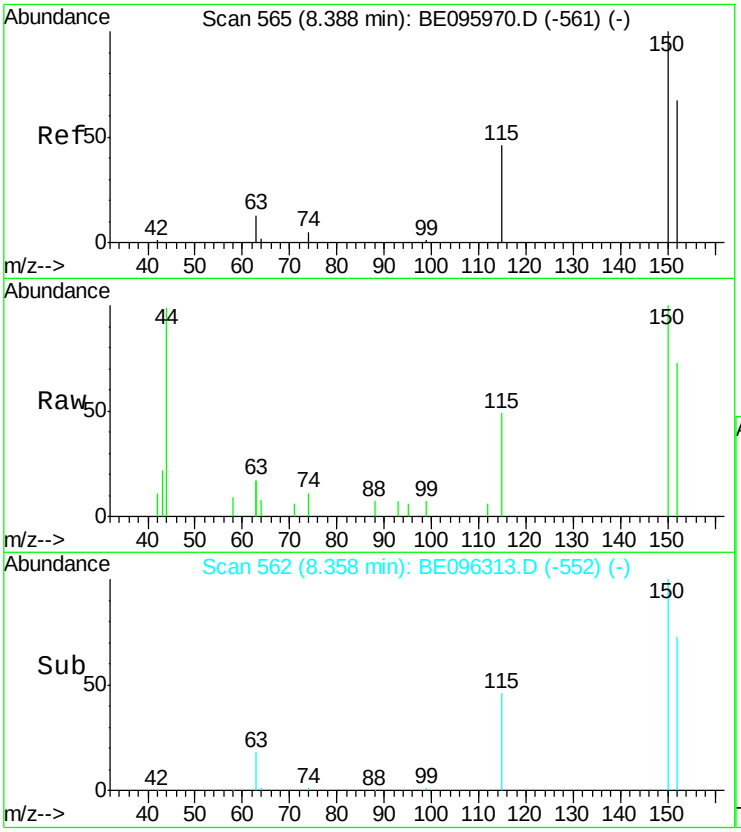


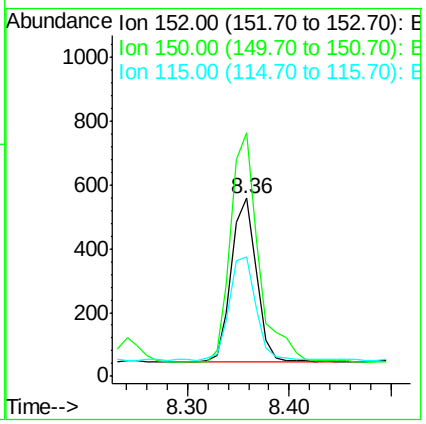


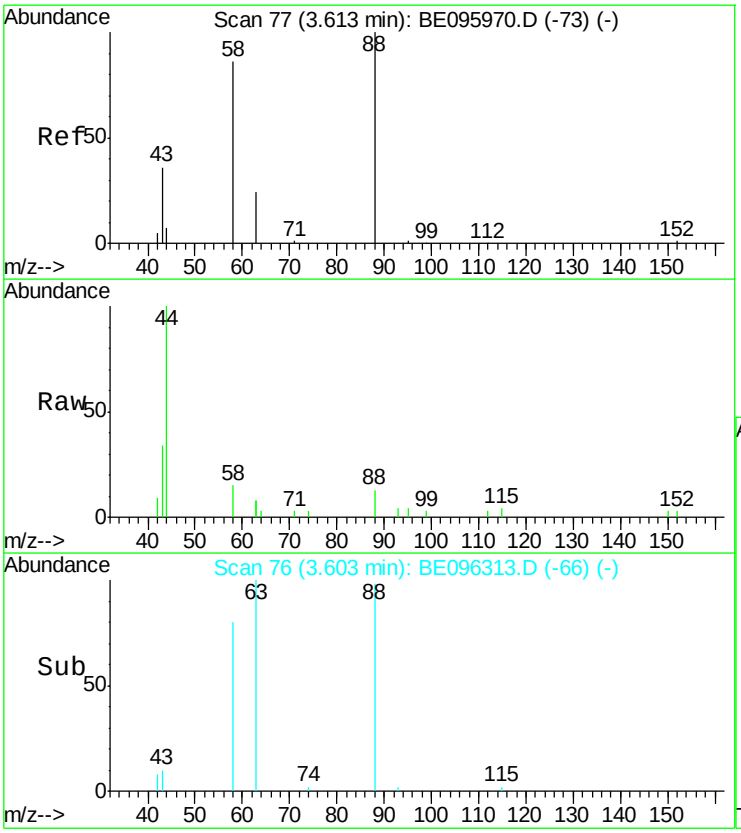
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 884

Ion	Ratio	Lower	Upper
152	100		
150	136.9	117.2	175.8
115	67.2	57.0	85.6

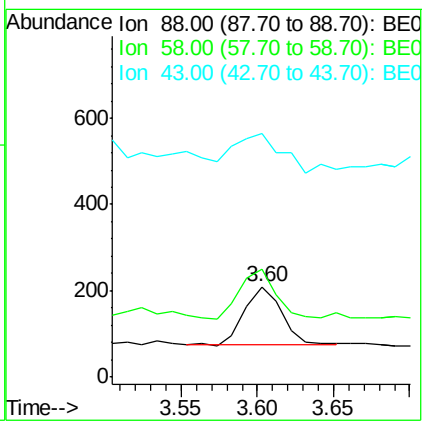


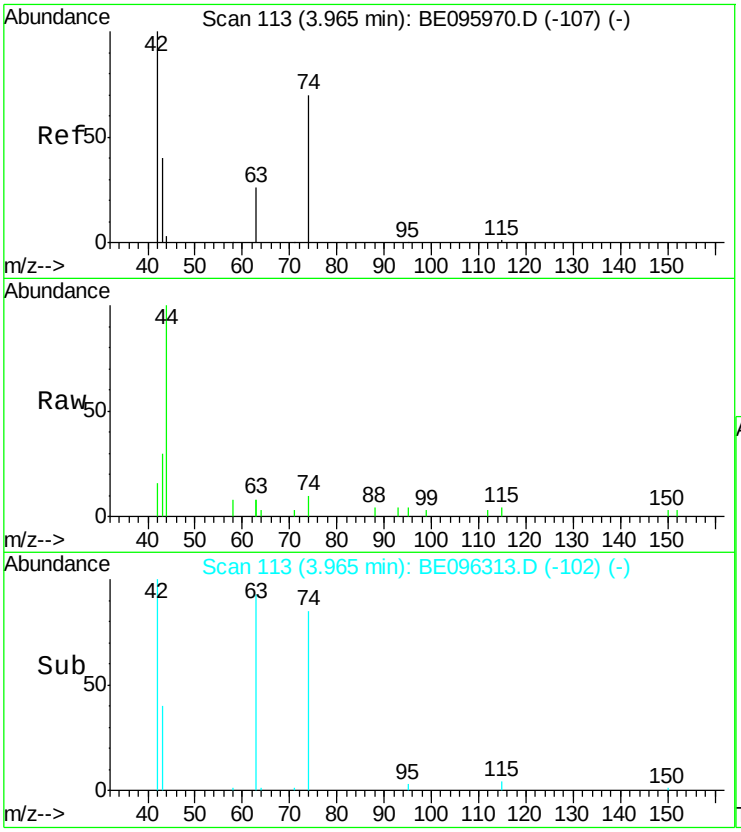


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.60 min Scan# 76
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion: 88 Resp: 222

Ion	Ratio	Lower	Upper
88	100		
58	86.0	63.2	94.8
43	74.8	41.2	61.8#



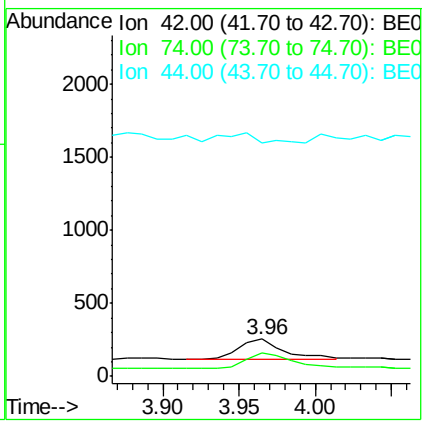


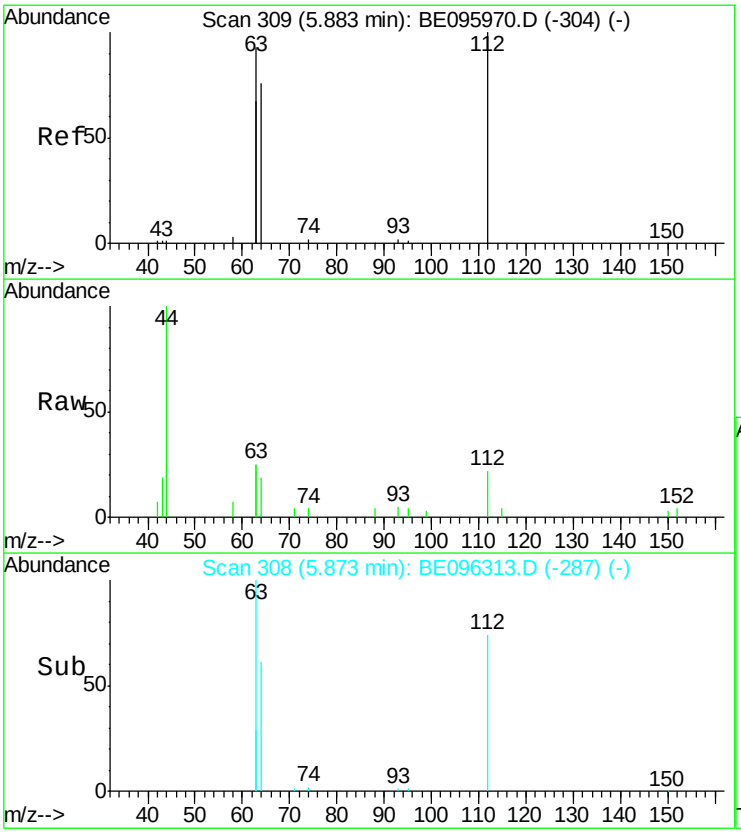
#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.96 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 268

Ion	Ratio	Lower	Upper
42	100		
74	84.7	96.0	144.0#
44	29.5	12.0	18.0#

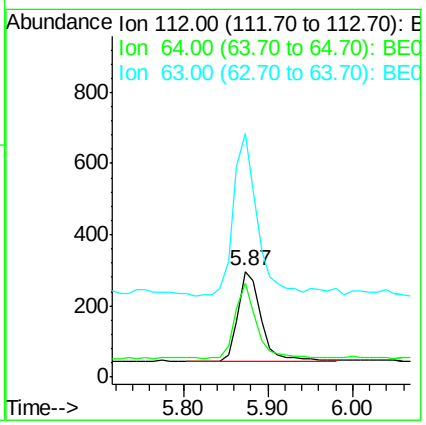


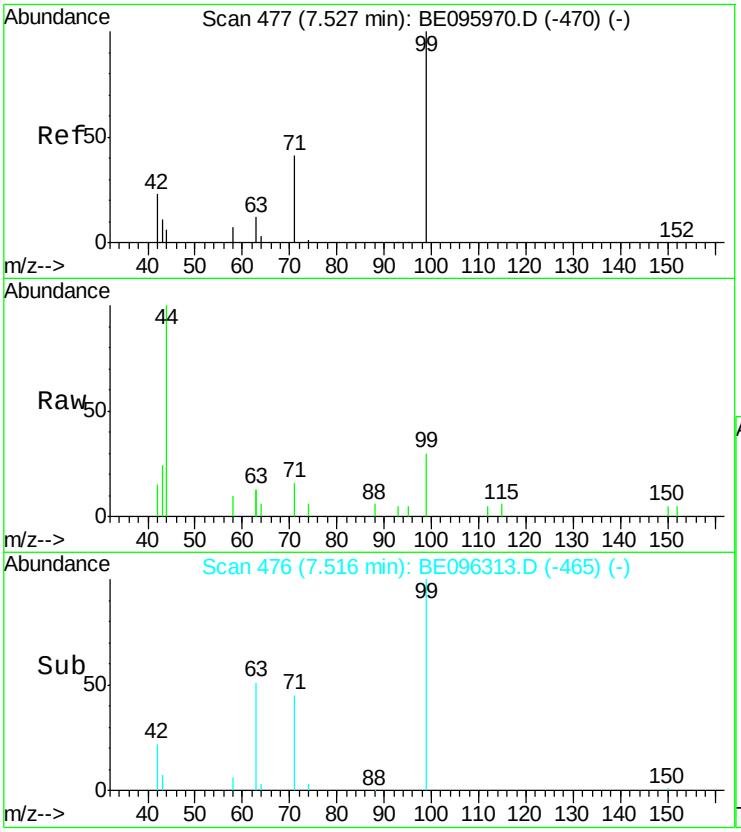


#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:112 Resp: 493

Ion	Ratio	Lower	Upper
112	100		
64	78.1	60.1	90.1
63	179.7	116.8	175.2#



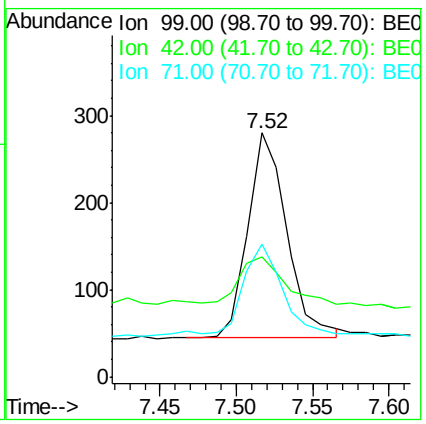


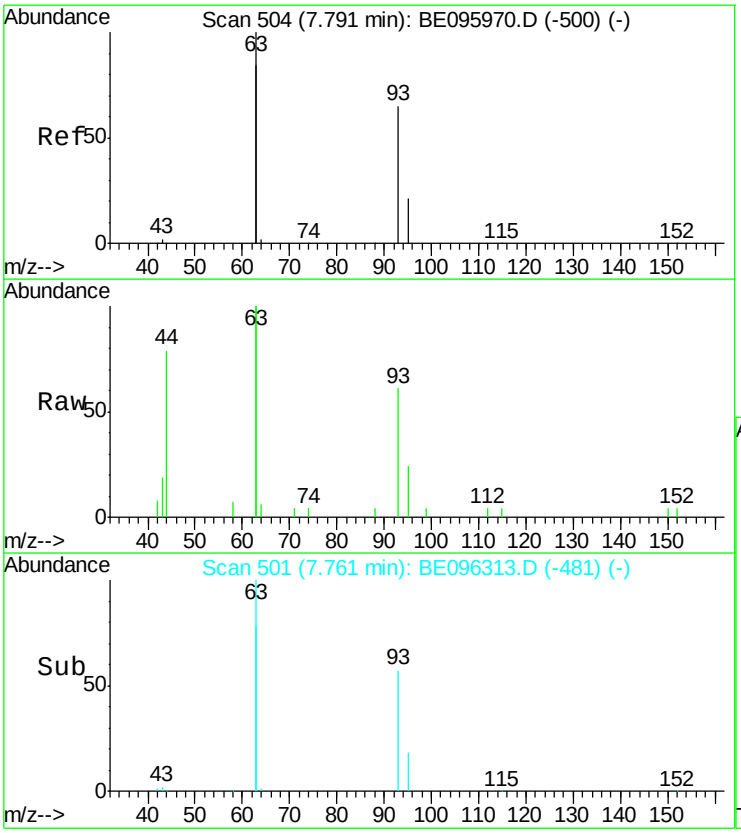
#5
Phenol-d6
Concen: 0.111 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 417

Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.2	30.2
71	46.8	28.4	42.6#

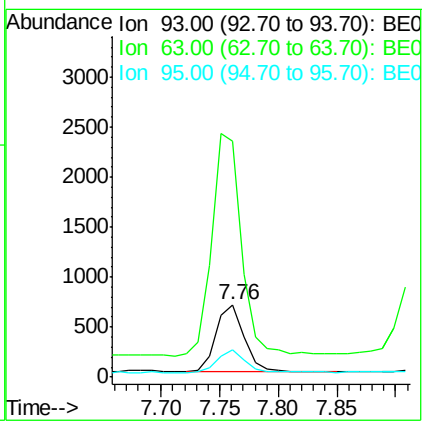


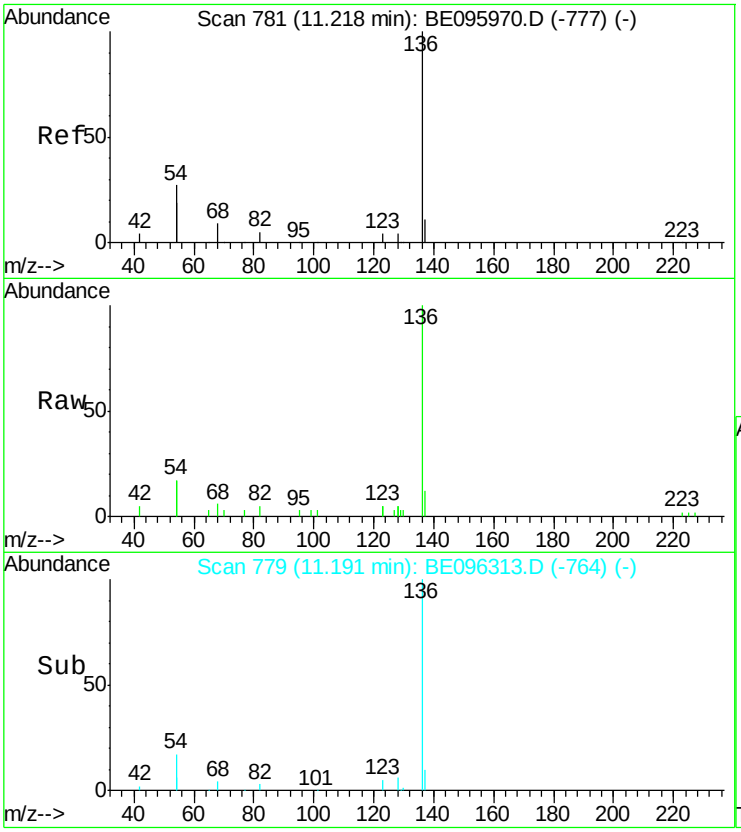


#6
bis(2-Chloroethyl)ether
Concen: 0.339 ng
RT: 7.76 min Scan# 501
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion: 93 Resp: 1125

Ion	Ratio	Lower	Upper
93	100		
63	346.6	275.3	412.9
95	33.1	25.2	37.8



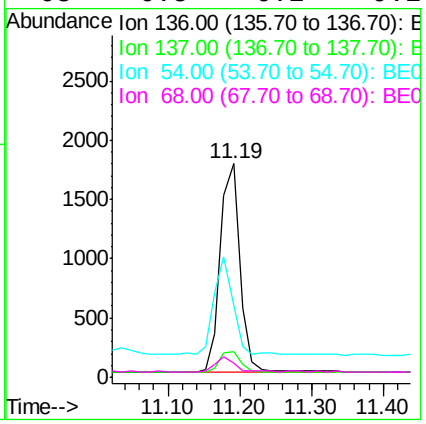


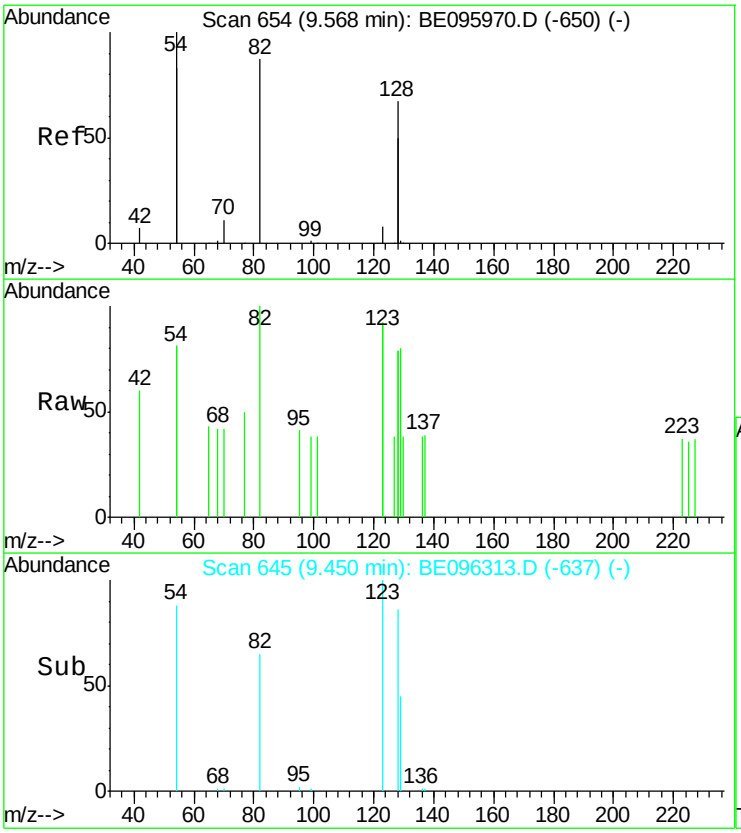
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3370

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	33.5	29.1	43.7
68	6.5	6.2	9.2

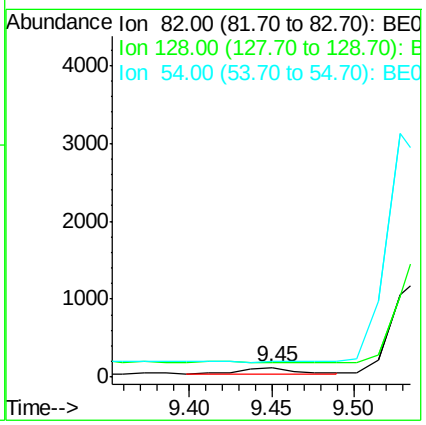


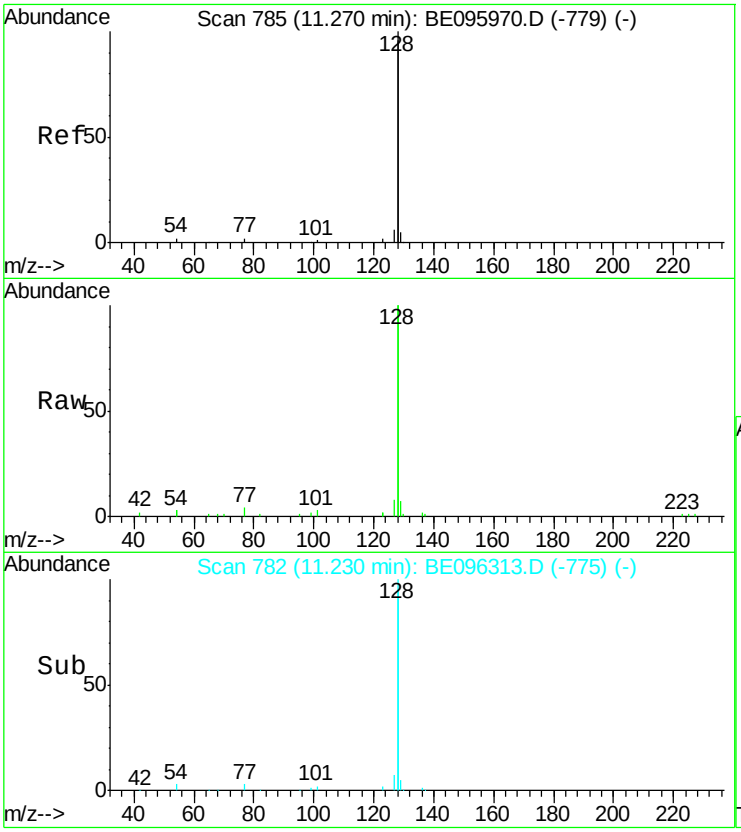


#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 9.45 min Scan# 645
Delta R.T. -0.09 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion: 82 Resp: 143

Ion	Ratio	Lower	Upper
82	100		
128	158.3	150.0	225.0
54	161.7	154.2	231.4



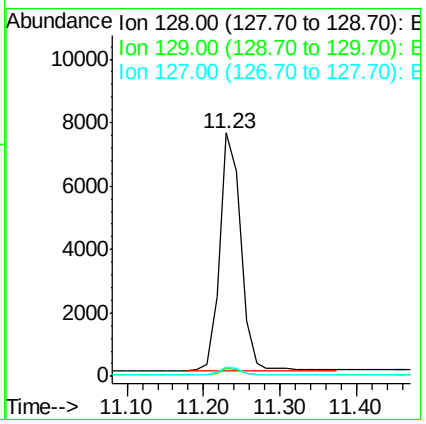


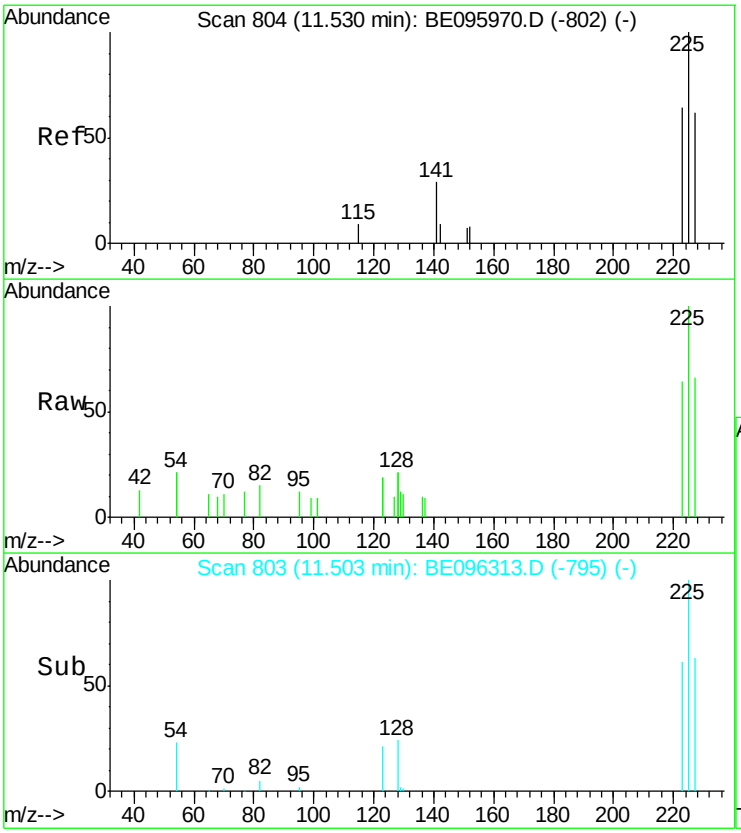
#9
Naphthalene
Concen: 0.404 ng
RT: 11.23 min Scan# 782
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14338

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.1	2.8	4.2

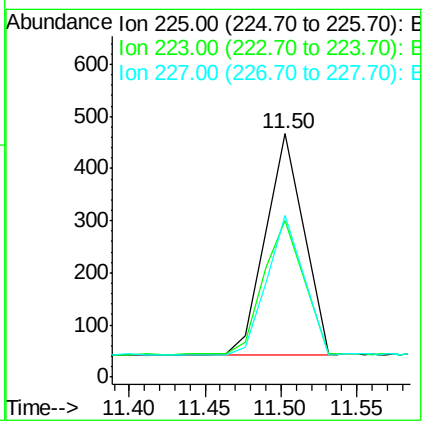


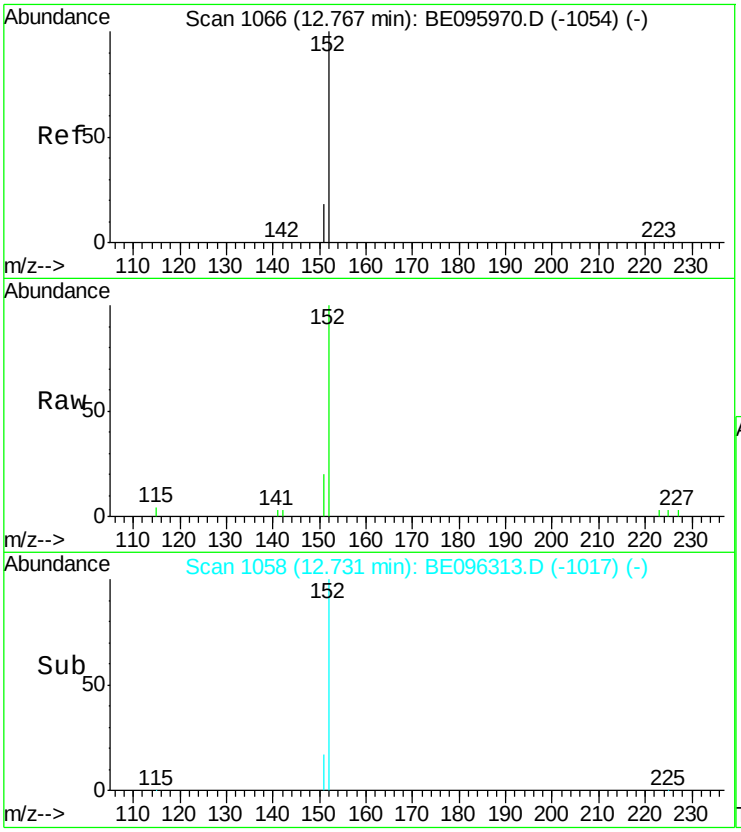


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 11.50 min Scan# 803
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:225 Resp: 588

Ion	Ratio	Lower	Upper
225	100		
223	49.0	53.0	79.6#
227	60.5	51.4	77.2



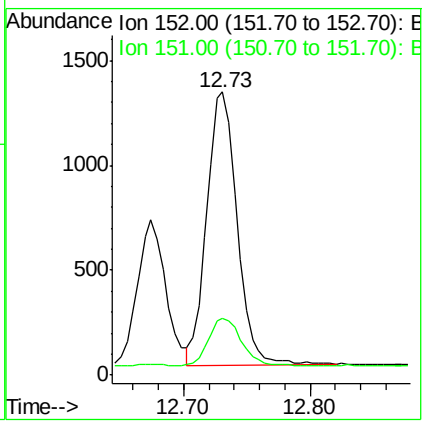


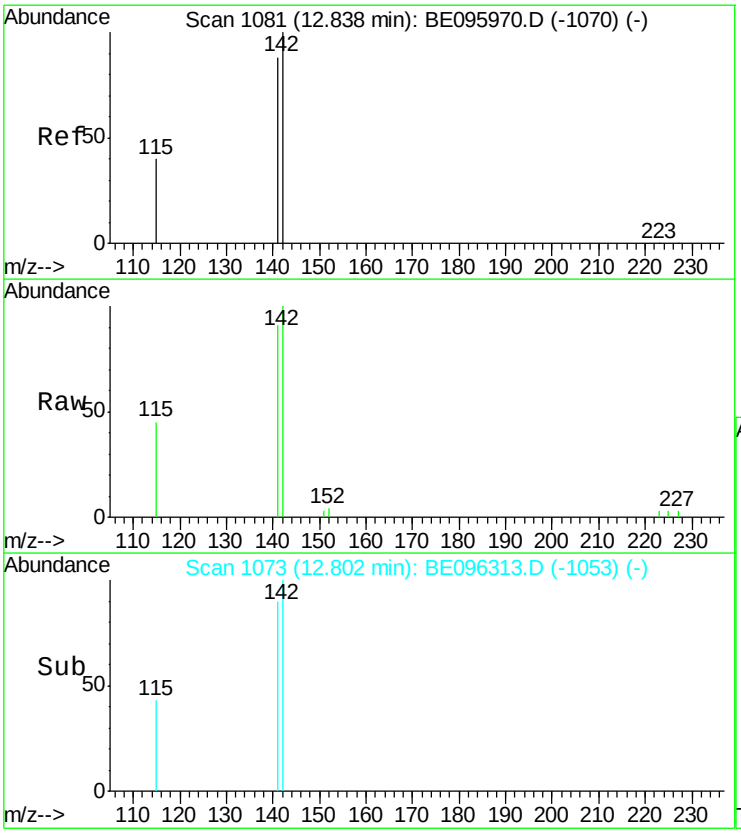
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2156

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

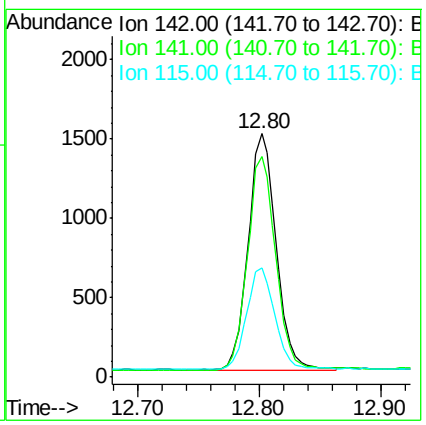


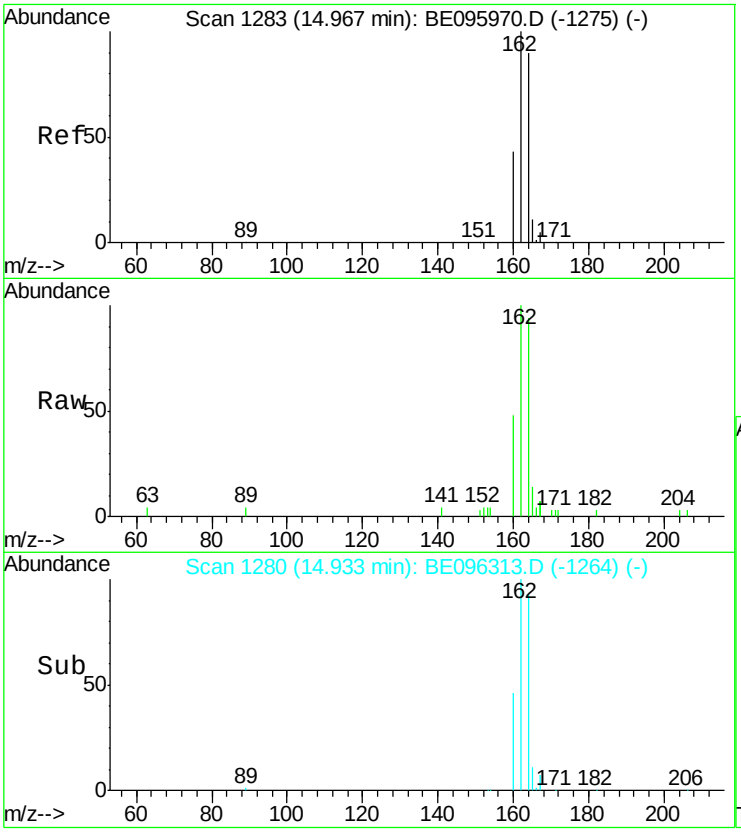


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:142 Resp: 2414

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	44.9	31.7	47.5



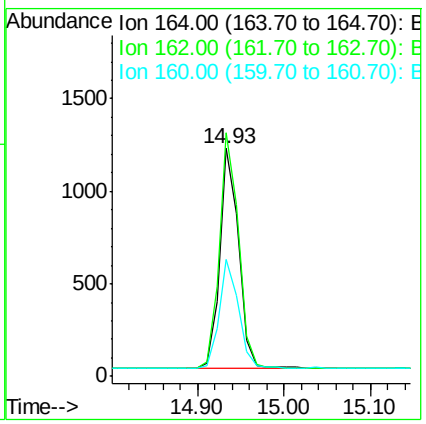


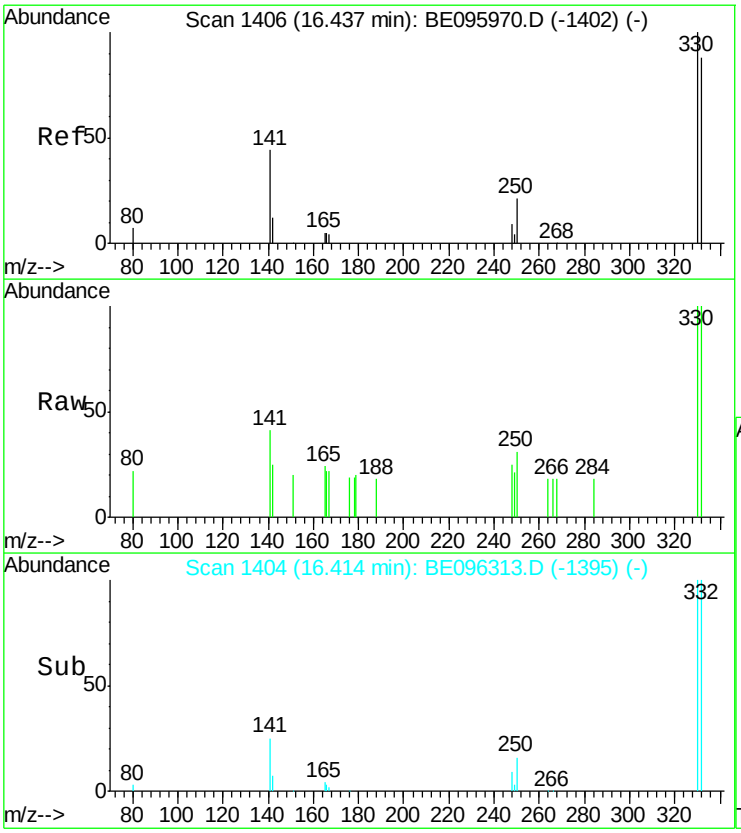
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1808

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.1	124.7
160	51.1	37.1	55.7

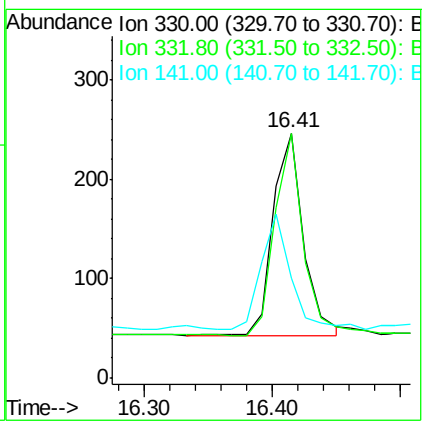


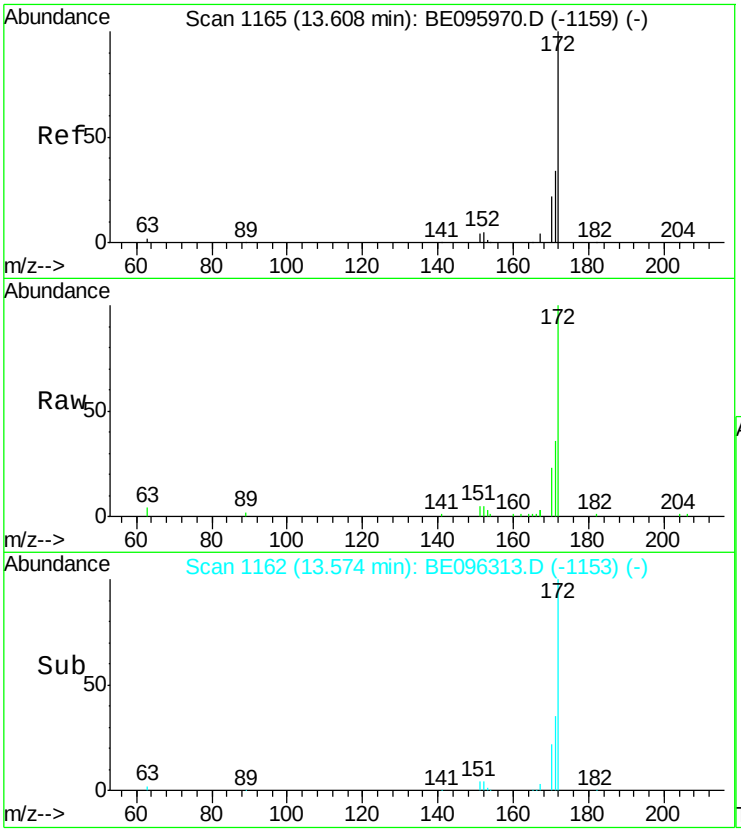


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:330 Resp: 341

Ion	Ratio	Lower	Upper
330	100		
332	92.7	152.7	229.1#
141	55.4	33.7	50.5#



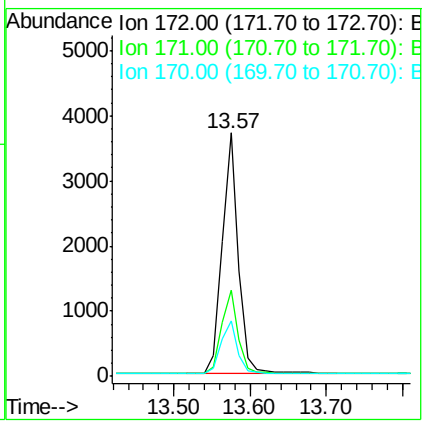


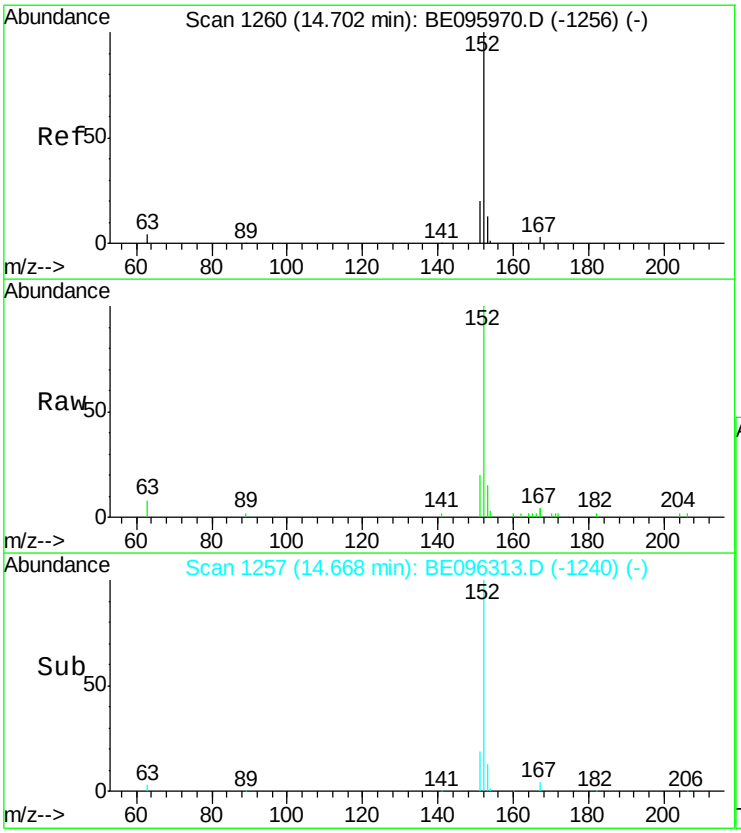
#15
2-Fluorobiphenyl
Concen: 0.720 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5569

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	22.6	21.8	32.8

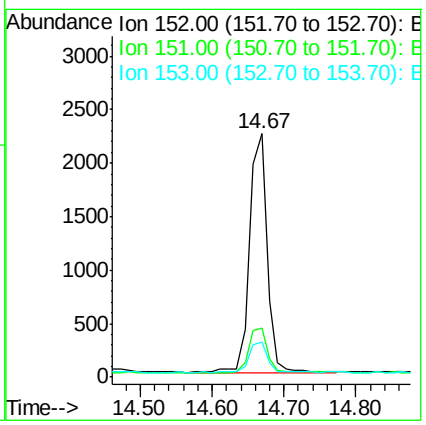


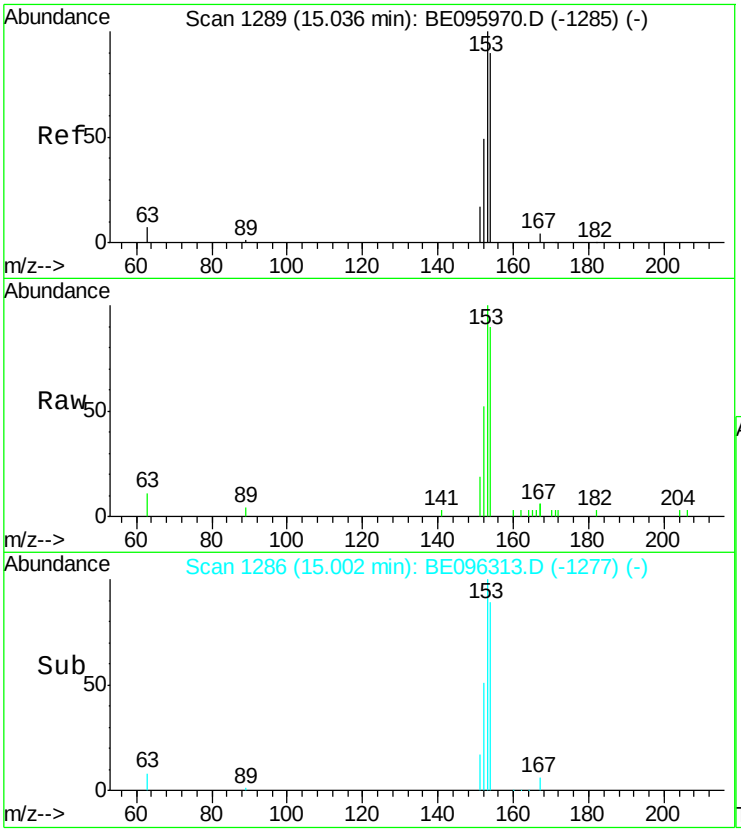


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:152 Resp: 3803

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7



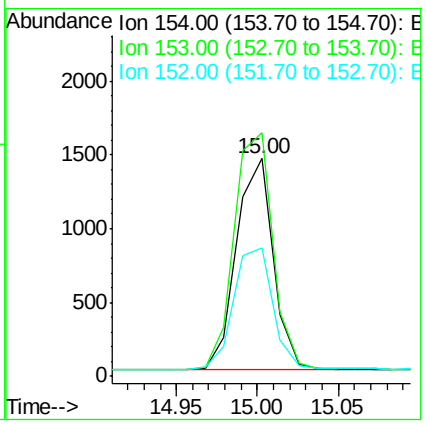


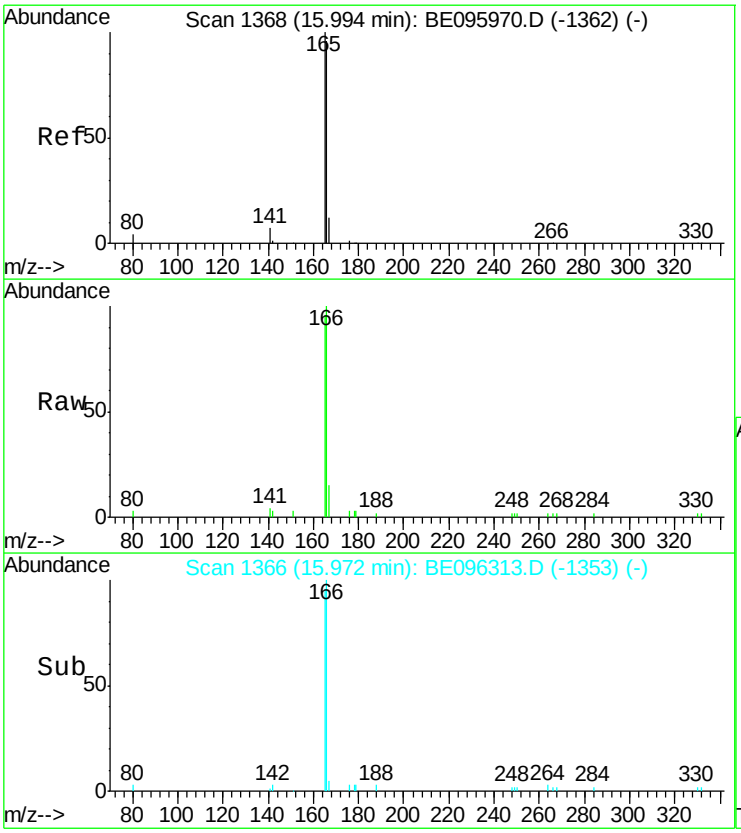
#17
Acenaphthene
Concen: 0.390 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2261

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	60.5	42.0	63.0

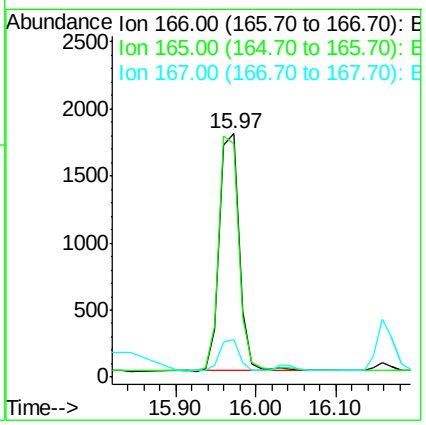


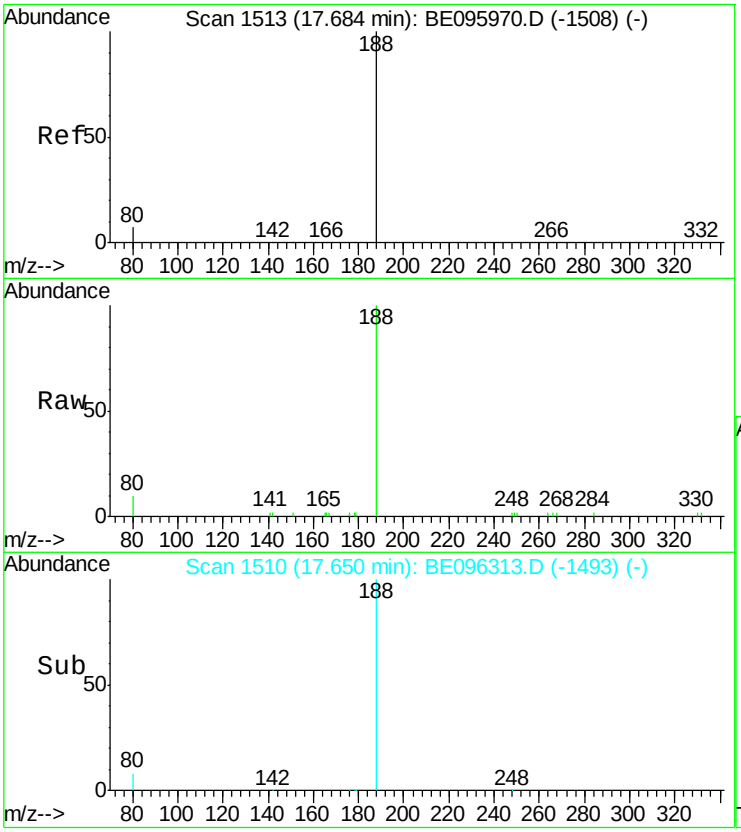


#18
Fluorene
Concen: 0.425 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:166 Resp: 3048

Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.6
167	13.1	42.4	63.6#



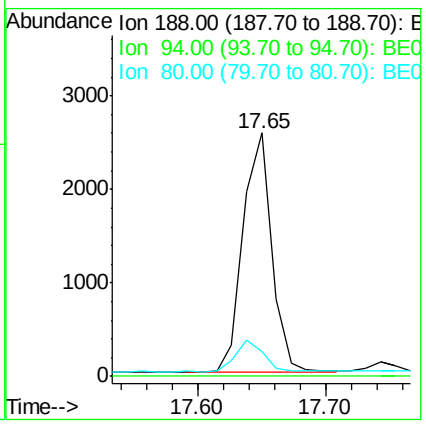


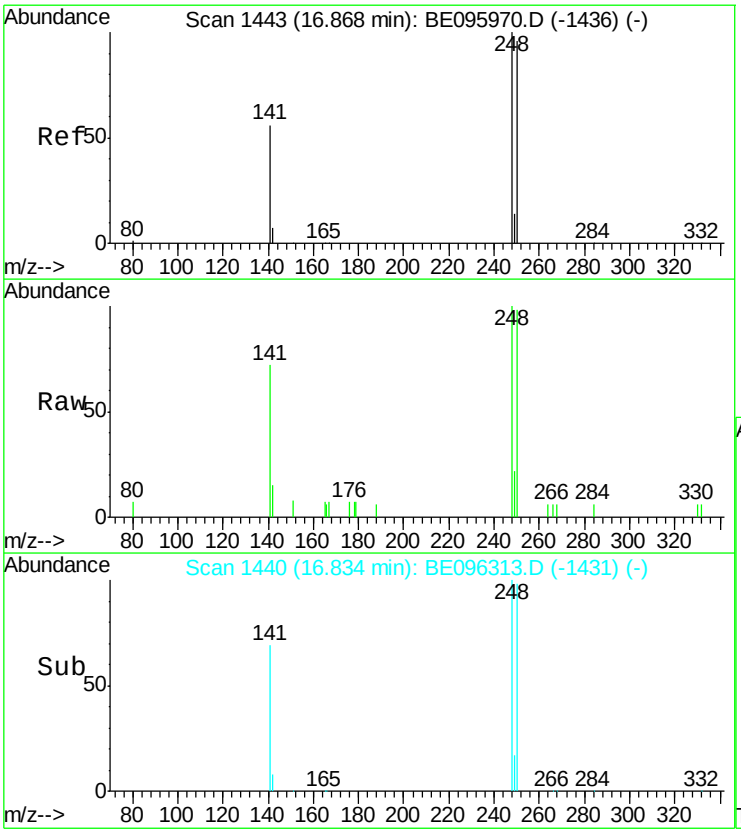
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4015

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.1	3.6	5.4#

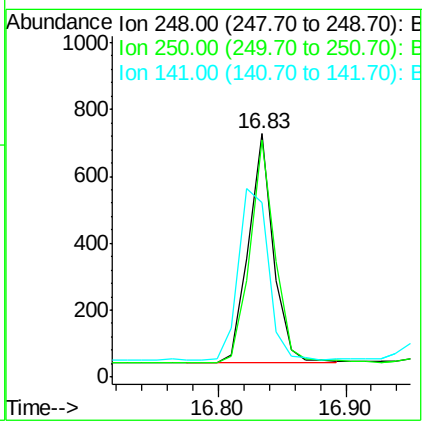


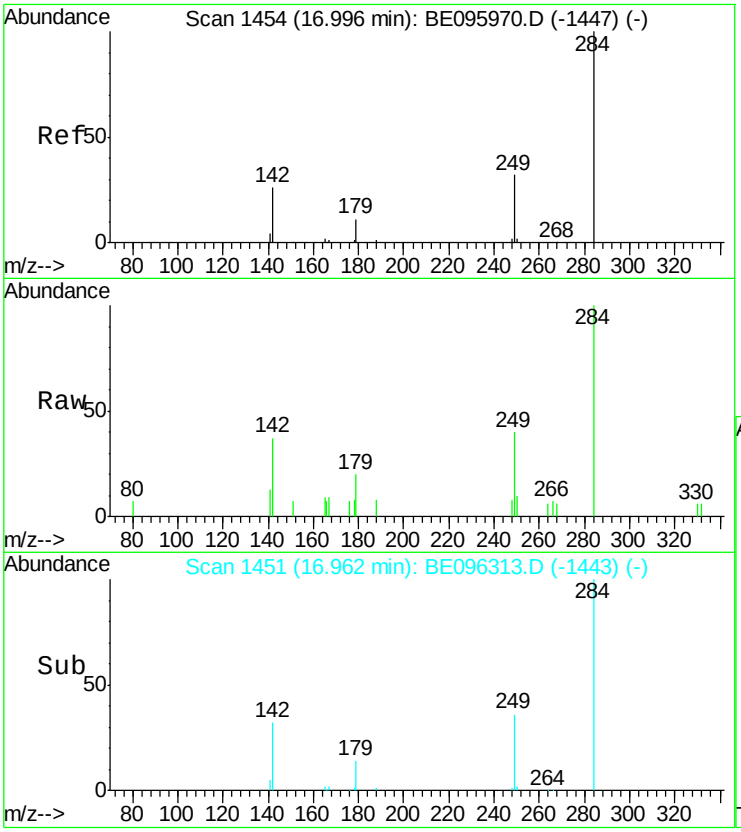


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:248 Resp: 929

Ion	Ratio	Lower	Upper
248	100		
250	97.7	62.7	94.1#
141	71.7	48.2	72.2



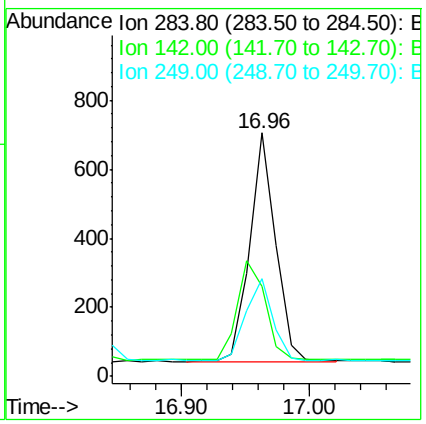


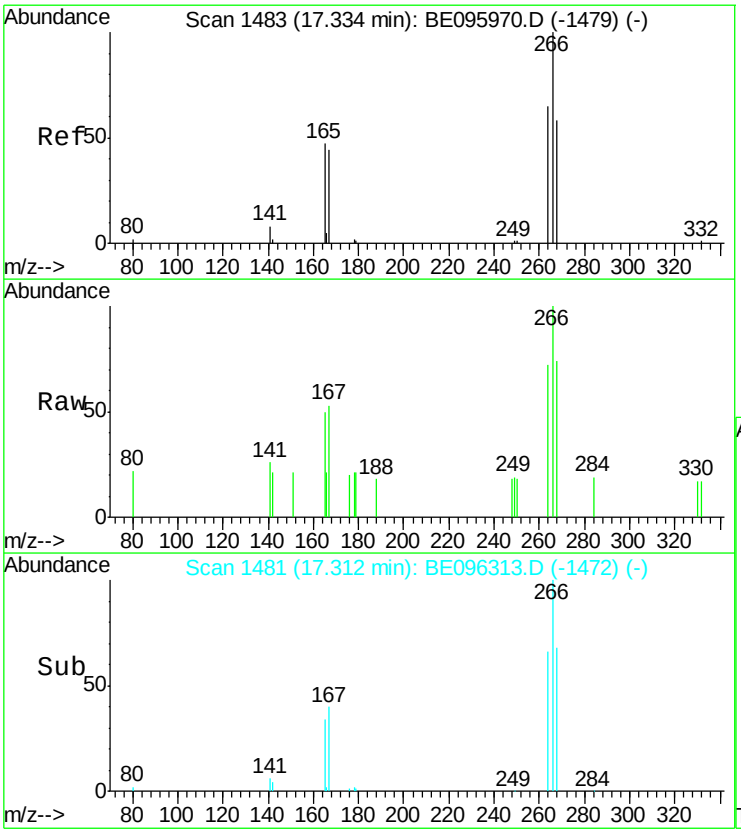
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 928

Ion	Ratio	Lower	Upper
284	100		
142	47.1	22.1	33.1#
249	38.1	34.8	52.2

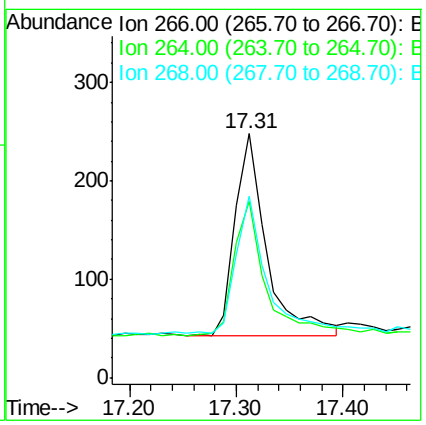


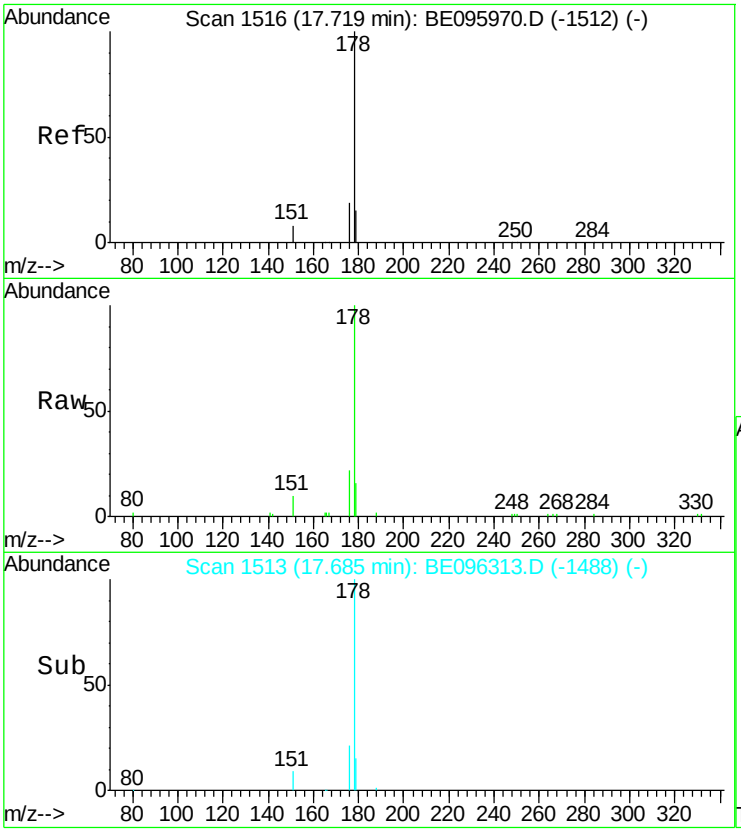


#22
Pentachlorophenol
Concen: 0.517 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:266 Resp: 418

Ion	Ratio	Lower	Upper
266	100		
264	72.2	72.5	108.7#
268	74.2	73.8	110.6



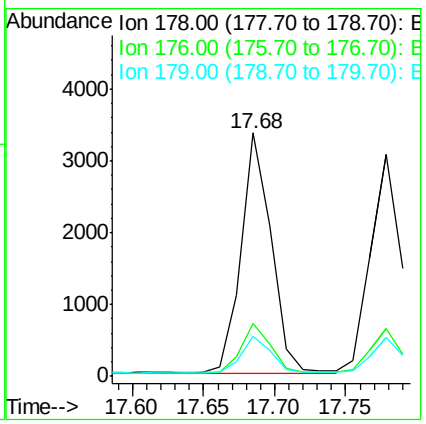


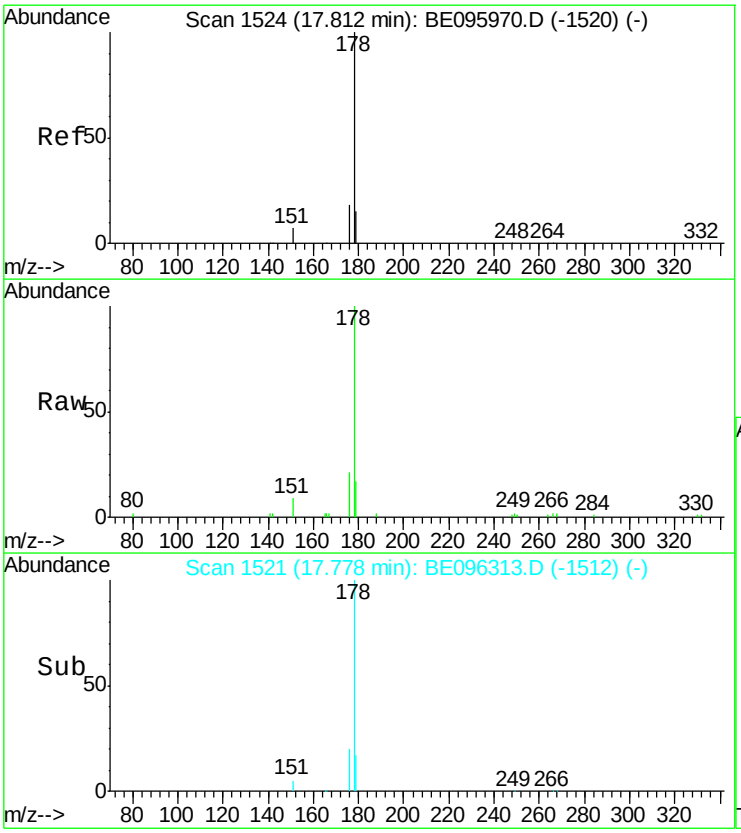
#23
Phenanthrene
Concen: 0.433 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4883

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	14.9	11.8	17.6

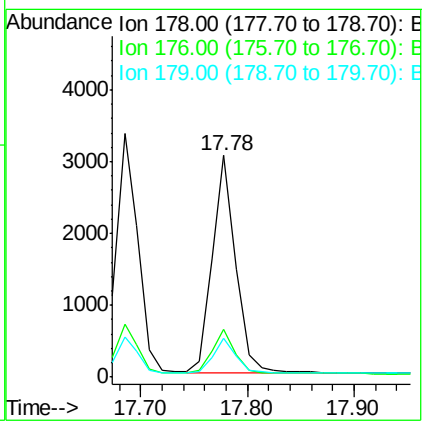


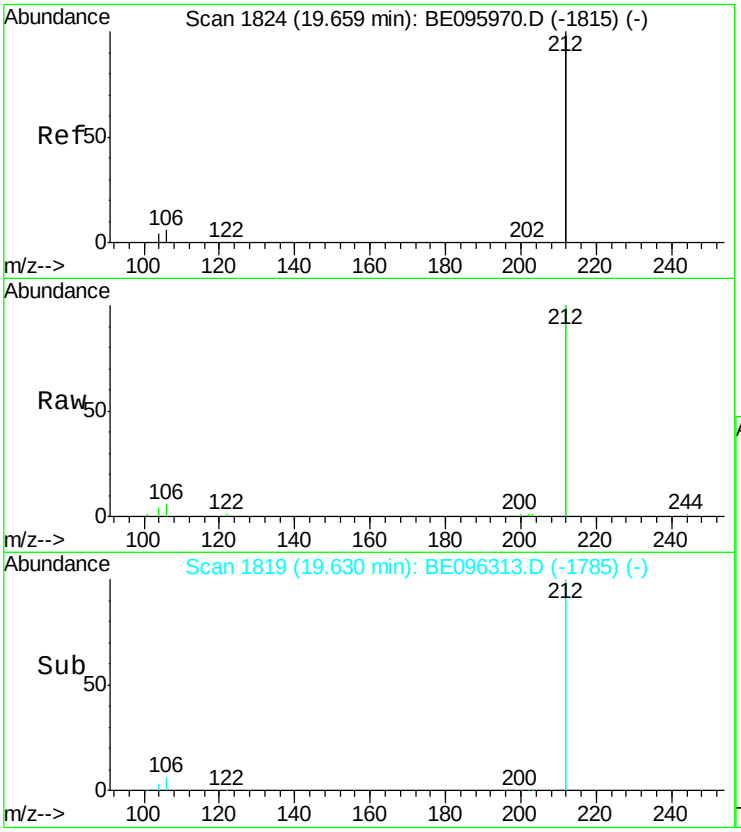


#24
Anthracene
Concen: 0.427 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:178 Resp: 4605

Ion	Ratio	Lower	Upper
178	100		
176	19.4	12.8	19.2#
179	15.2	13.0	19.6



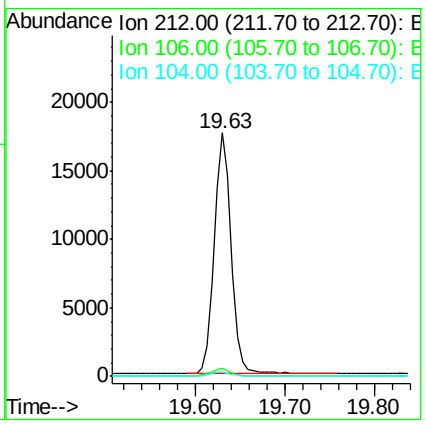


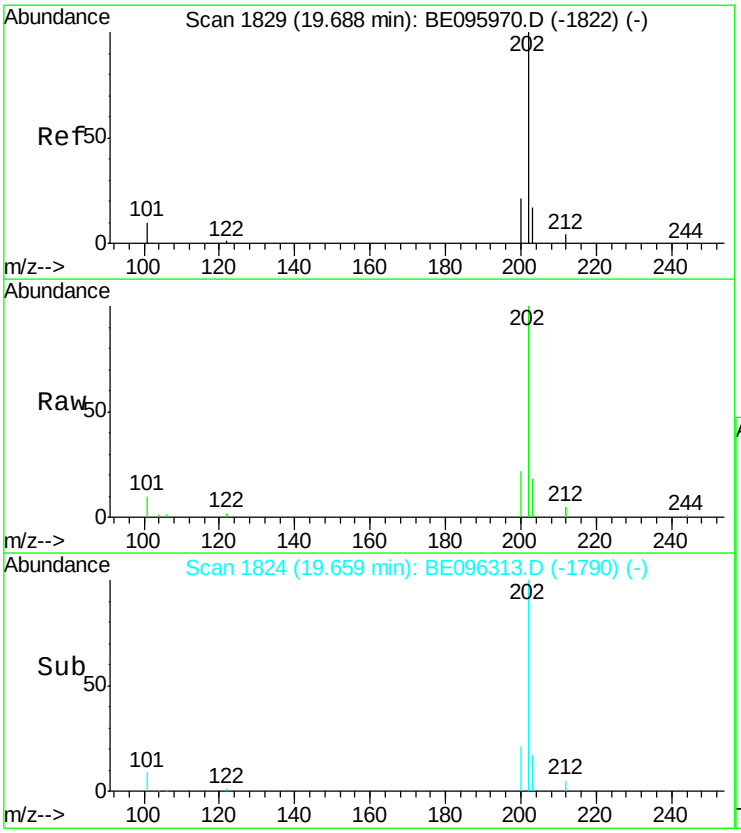
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 22948

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4

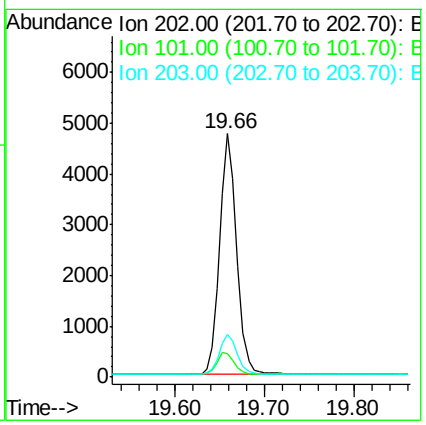


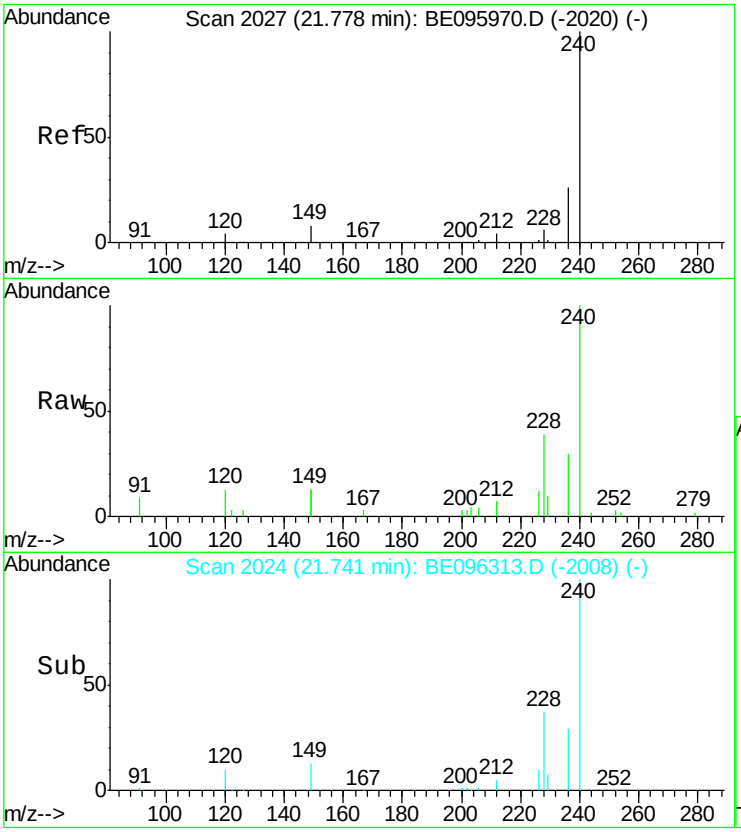


#26
Fluoranthene
Concen: 0.419 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:202 Resp: 6212

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.1	13.7	20.5



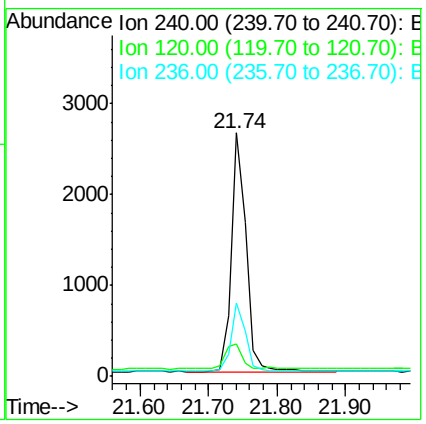


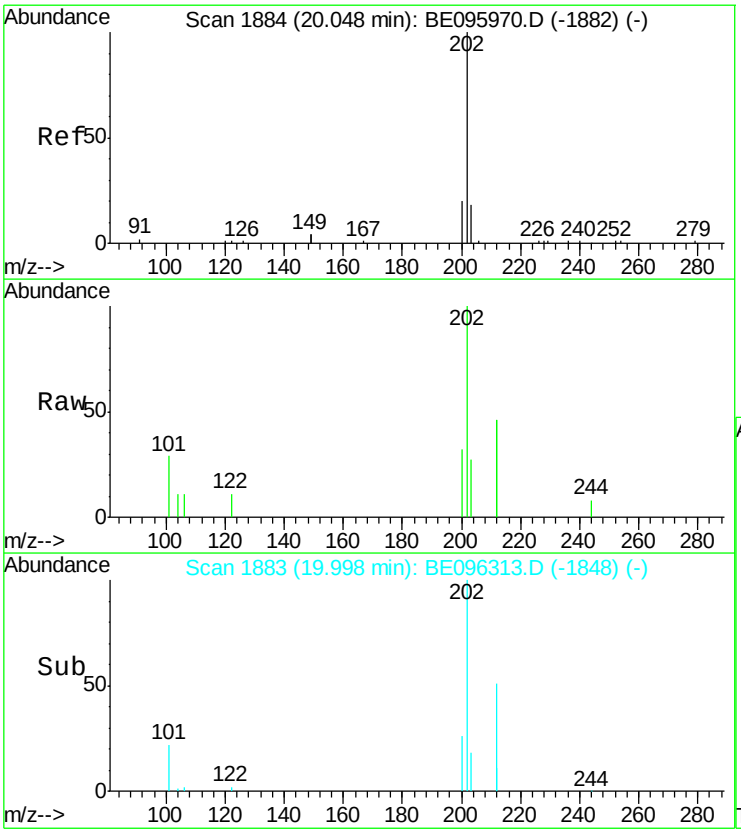
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3904

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.5	8.3#
236	30.2	20.7	31.1

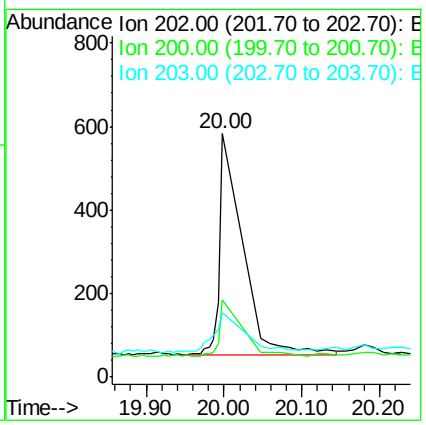


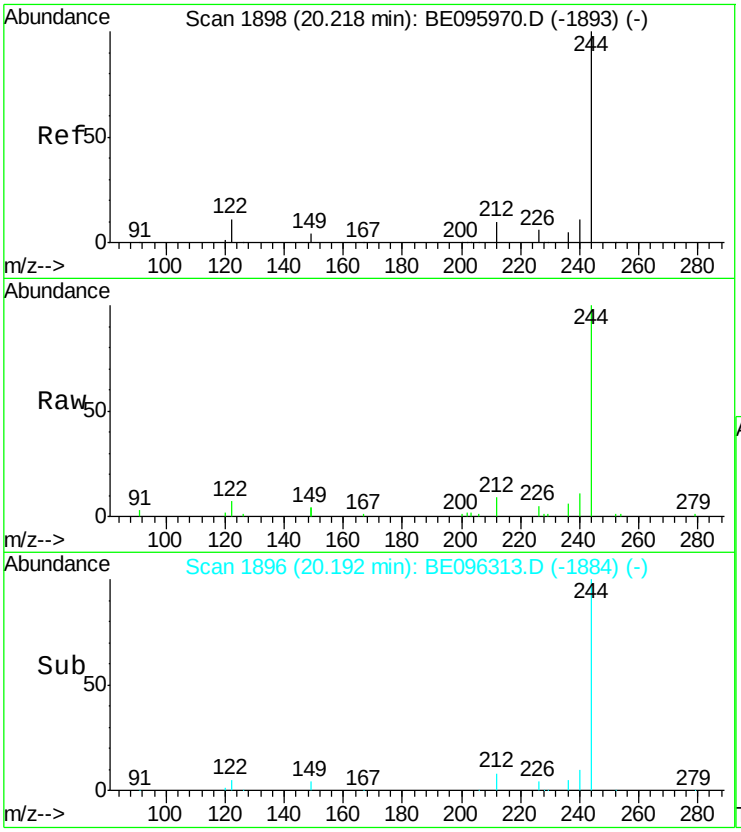


#28
Pyrene
Concen: 0.079 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:202 Resp: 604

Ion	Ratio	Lower	Upper
202	100		
200	26.8	16.6	25.0#
203	31.0	13.8	20.8#



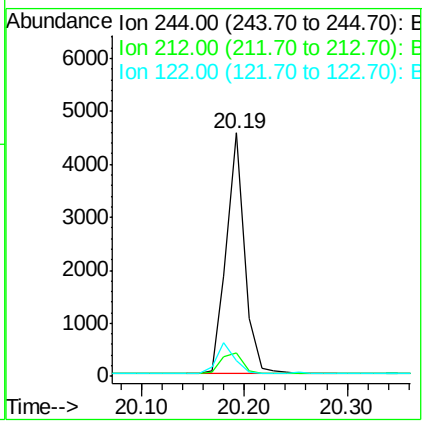


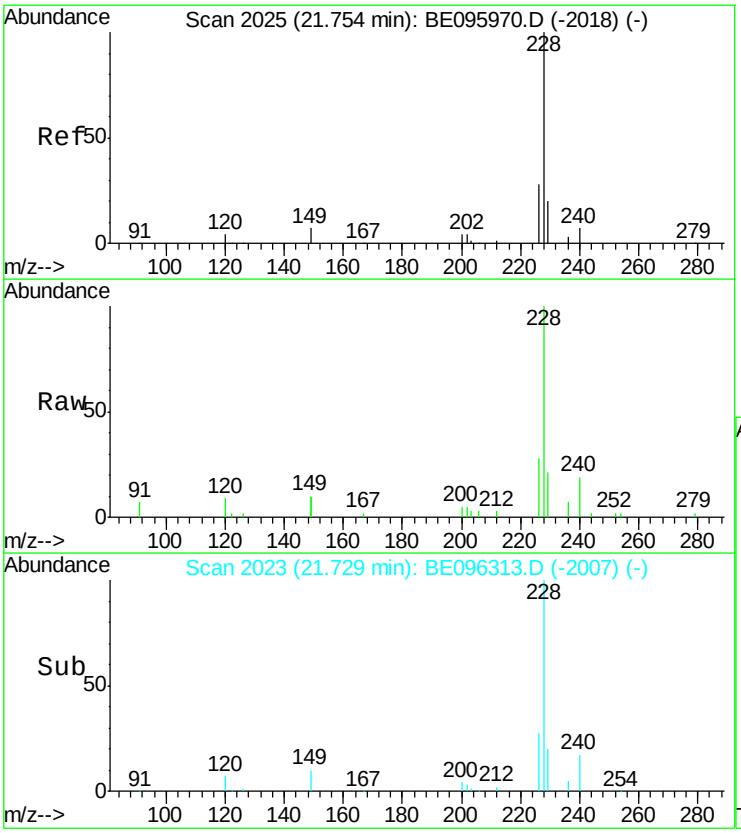
#29
Terphenyl-d14
Concen: 0.651 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5619

Ion	Ratio	Lower	Upper
244	100		
212	9.4	25.4	38.0#
122	6.7	8.1	12.1#

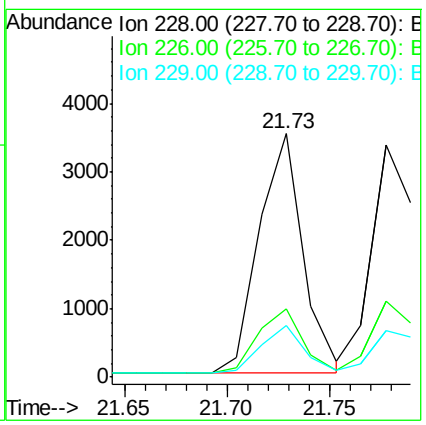


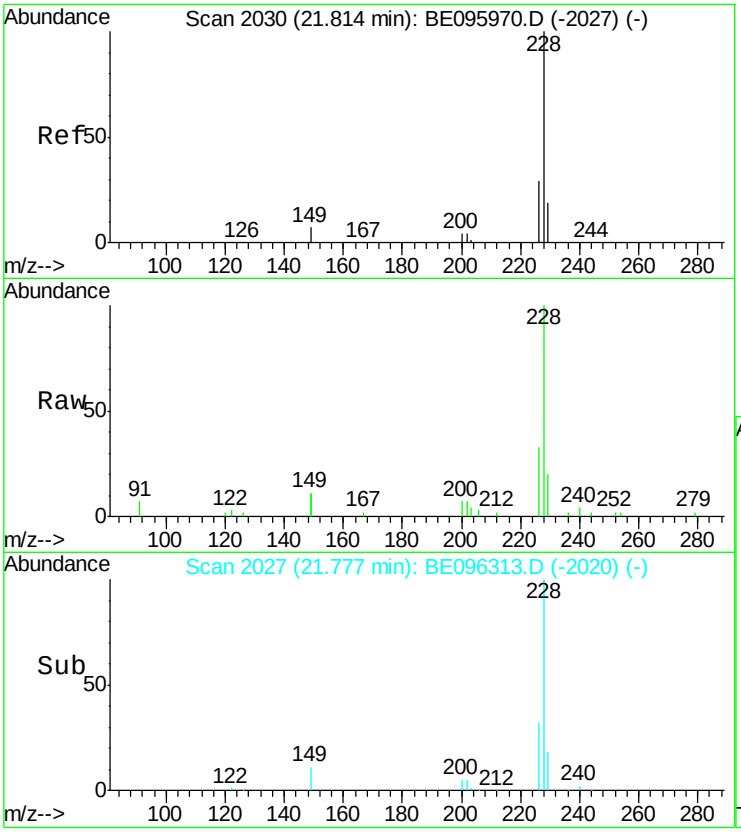


#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:228 Resp: 5241

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	21.3	16.0	24.0



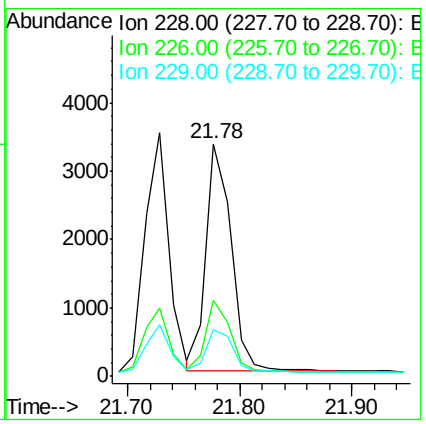


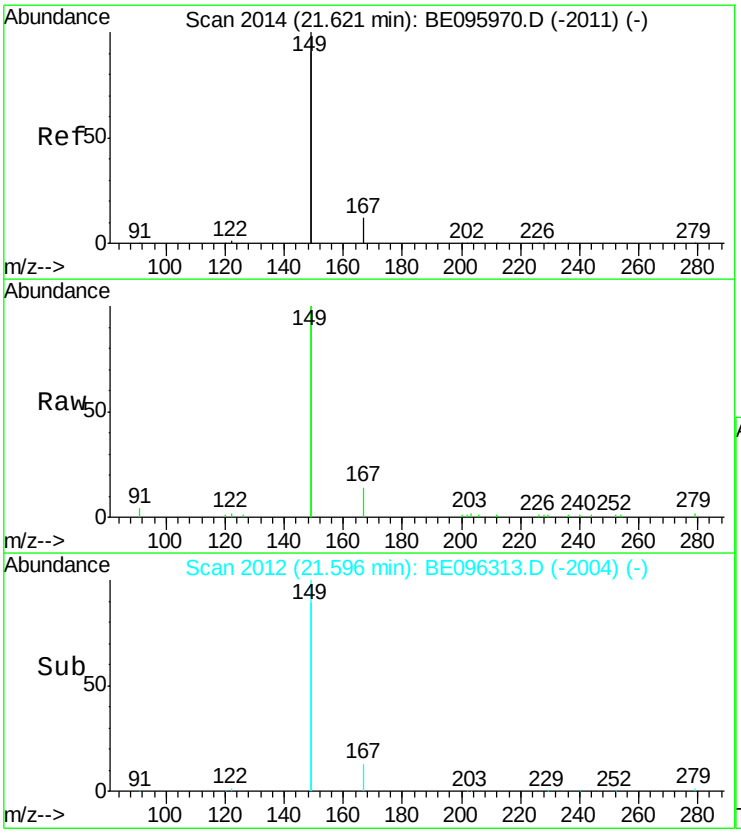
#31
Chrysene
Concen: 0.425 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5141

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	20.0	16.0	24.0

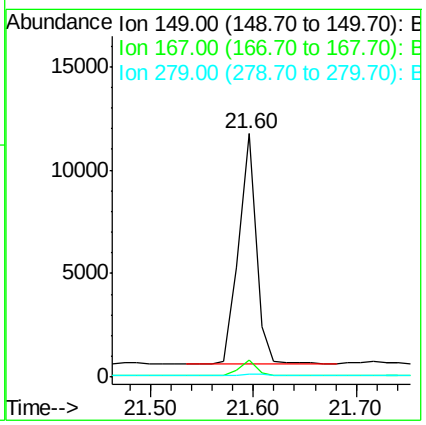


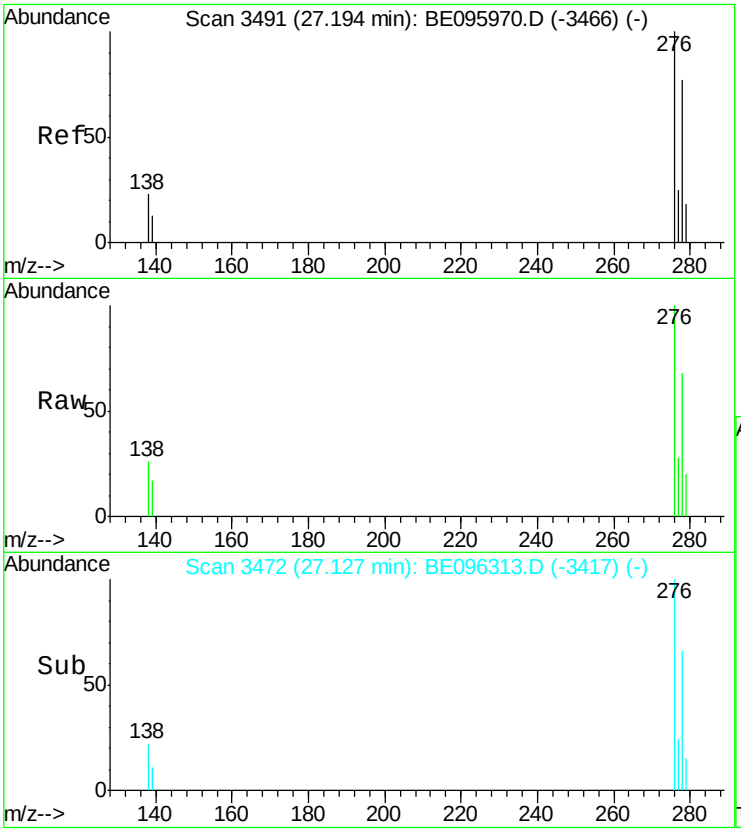


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.402 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:149 Resp: 12994

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



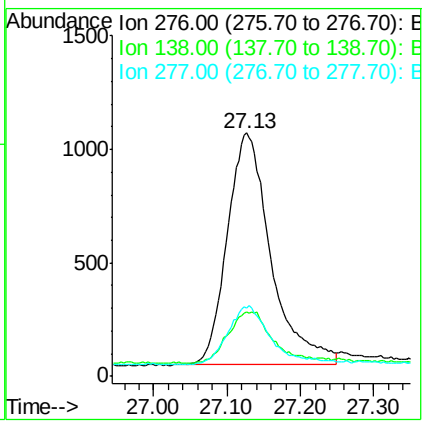


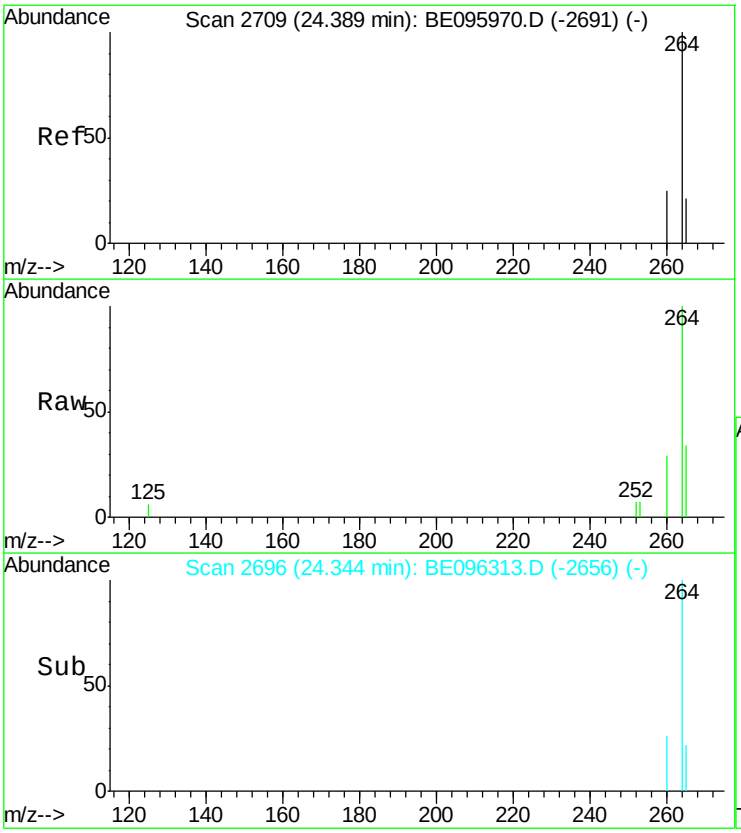
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4237

Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.5	33.7
277	25.0	19.9	29.9

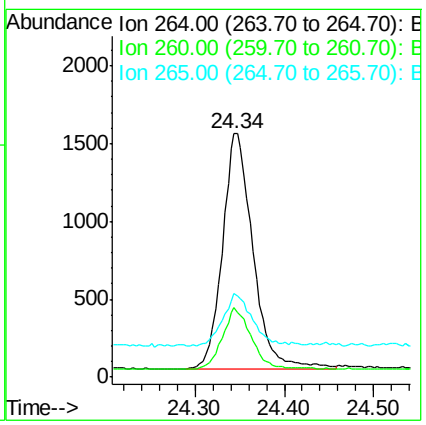


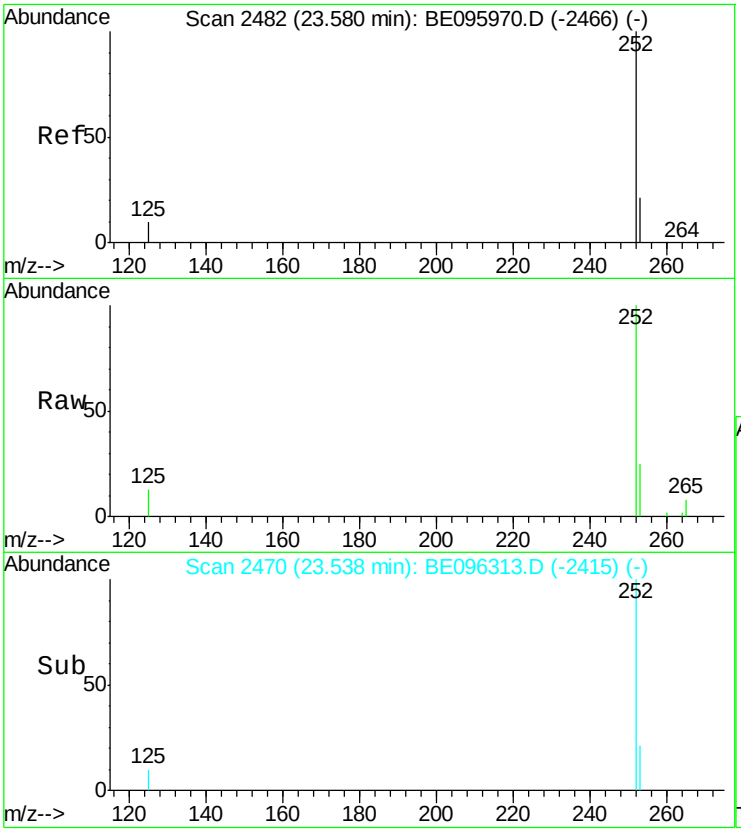


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.34 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:264 Resp: 3606

Ion	Ratio	Lower	Upper
264	100		
260	28.8	20.5	30.7
265	34.2	22.8	34.2#



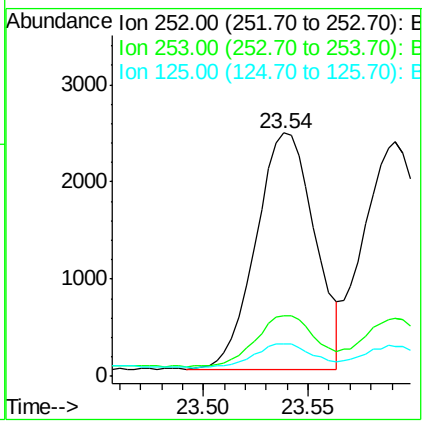


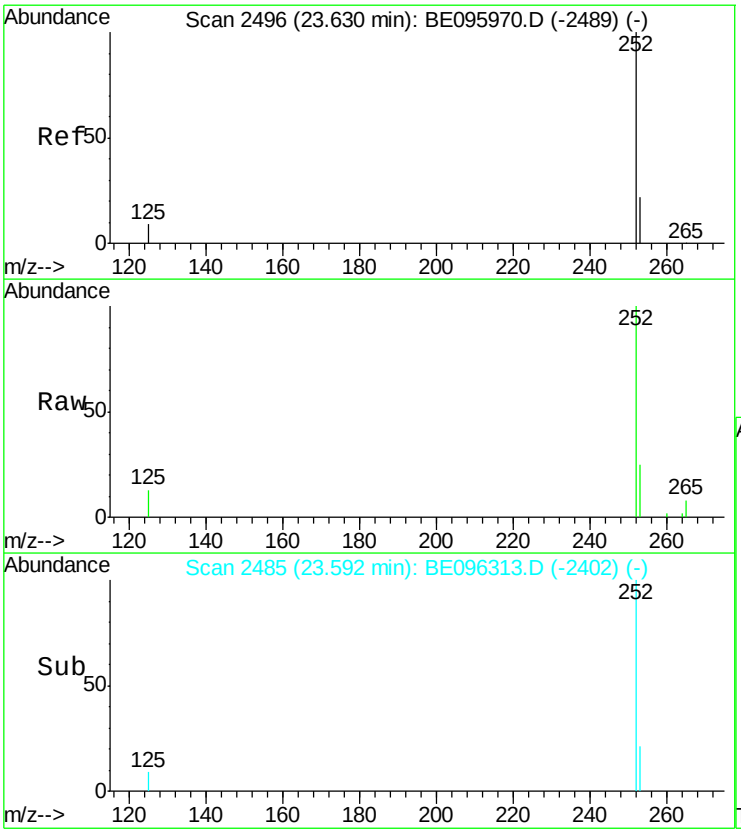
#35
Benzo(b)fluoranthene
Concen: 0.439 ng
RT: 23.54 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4751

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	13.2	16.0	24.0#

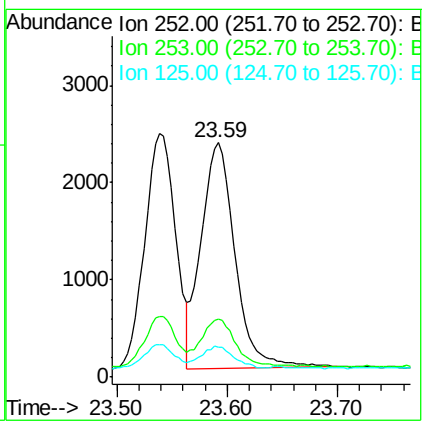


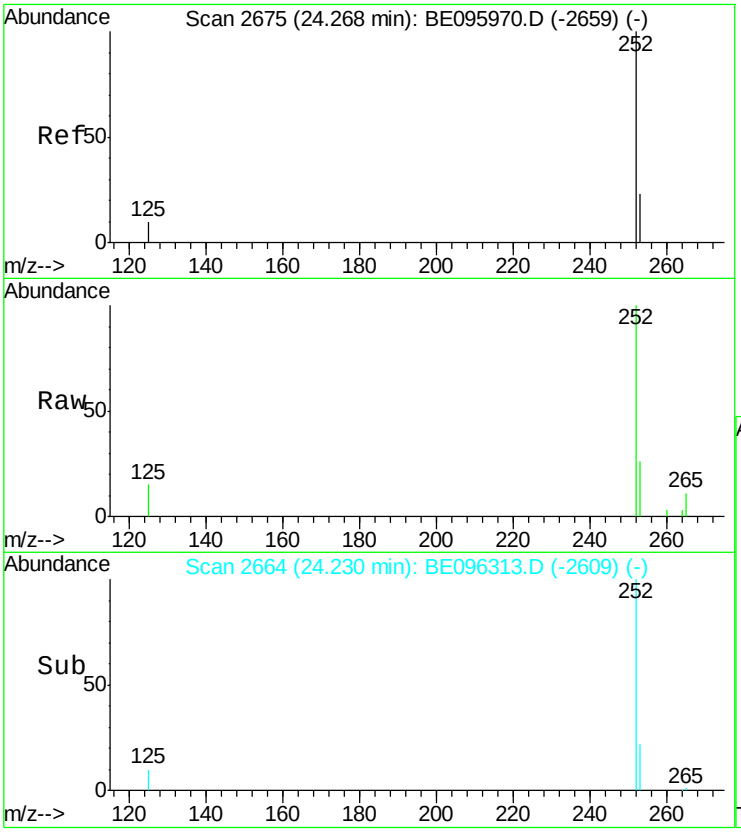


#36
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.59 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:252 Resp: 4970

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.0	24.0#
125	12.6	8.0	12.0#



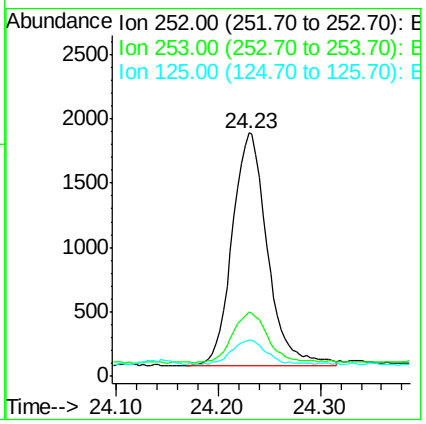


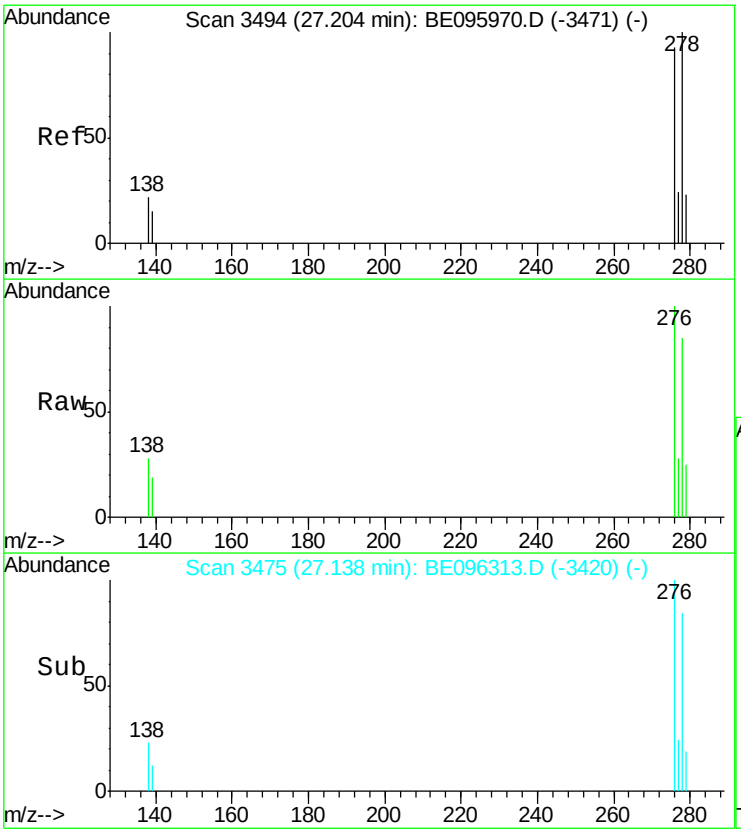
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 24.23 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4373

Ion	Ratio	Lower	Upper
252	100		
253	26.5	16.0	24.0#
125	14.8	12.0	18.0

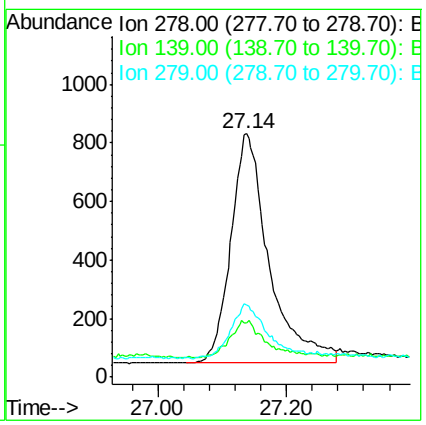


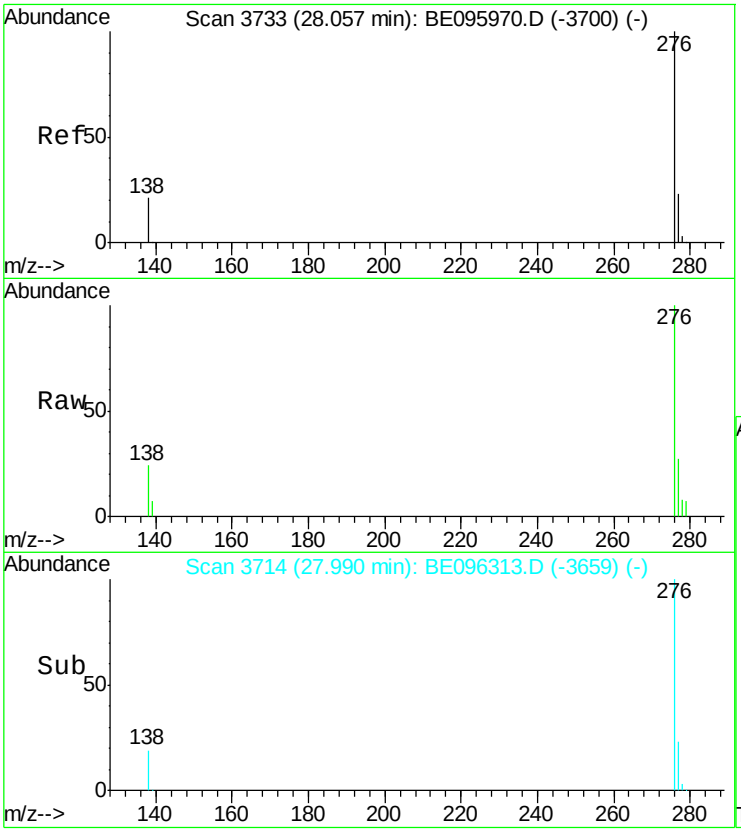


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 27.14 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Tgt Ion:278 Resp: 3242

Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.0	24.0
279	29.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 27.99 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE096313.D
Acq: 3 May 2018 2:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3938

Ion	Ratio	Lower	Upper
276	100		
277	27.1	16.0	24.0#
138	23.9	20.0	30.0