Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095971.D
Acq On : 11 Apr 2018 15:22
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 11 15:57:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1292	0.40	ng		0.00
7) Naphthalene-d8	11.22	136	4971	0.40	ng		0.00
13) Acenaphthene-d10	14.97	164	2719	0.40	ng		0.00
19) Phenanthrene-d10	17.67	188	6463	0.40	ng		-0.01
27) Chrysene-d12	21.78	240	7332	0.40	ng		0.00
34) Perylene-d12	24.39	264	6987	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.88	112	3159	0.74	ng		0.00
5) Phenol-d6	7.53	99	4440	0.76	ng		0.00
8) Nitrobenzene-d5	9.57	82	4685	0.80	ng		0.00
11) 2-Methylnaphthalene-d10	12.76	152	6315	0.76	ng		0.00
14) 2,4,6-Tribromophenol	16.44	330	1036	0.66	ng		0.00
15) 2-Fluorobiphenyl	13.61	172	9342	0.82	ng		0.00
25) Fluoranthene-d10	19.66	212	70691	0.74	ng		0.00
29) Terphenyl-d14	20.22	244	13239	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	1681	0.795	ng	#	88
3) n-Nitrosodimethylamine	3.96	42	2049	0.660	ng	#	82
6) bis(2-Chloroethyl)ether	7.79	93	3921	0.776	ng		95
9) Naphthalene	11.27	128	41882	0.738	ng		100
10) Hexachlorobutadiene	11.53	225	2053	0.526	ng		92
12) 2-Methylnaphthalene	12.83	142	6986	0.720	ng		96
16) Acenaphthylene	14.69	152	11797	0.759	ng		100
17) Acenaphthene	15.04	154	6971	0.735	ng		95
18) Fluorene	15.99	166	8720	0.699	ng	#	79
20) 4-Bromophenyl-phenylether	16.87	248	3072	0.791	ng	#	85
21) Hexachlorobenzene	17.00	284	3070	0.791	ng	#	81
22) Pentachlorophenol	17.33	266	983	0.877	ng	#	76
23) Phenanthrene	17.72	178	14566	0.753	ng		99
24) Anthracene	17.81	178	14127	0.730	ng		95
26) Fluoranthene	19.69	202	19258	0.717	ng		98
28) Pyrene	20.05	202	11925	0.399	ng		96
30) Benzo(a)anthracene	21.75	228	18744	0.737	ng		97
31) Chrysene	21.81	228	18942	0.816	ng		99
32) Bis(2-ethylhexyl)phthalate	21.63	149	48262	0.621	ng		100
33) Indeno(1,2,3-cd)pyrene	27.18	276	17983	0.719	ng		96
35) Benzo(b)fluoranthene	23.58	252	16975	0.734	ng	#	88
36) Benzo(k)fluoranthene	23.63	252	17722	0.767	ng		96
37) Benzo(a)pyrene	24.27	252	16393	0.757	ng	#	94
38) Dibenzo(a,h)anthracene	27.20	278	14728	0.715	ng		95
39) Benzo(g,h,i)perylene	28.05	276	15213	0.736	ng	#	92

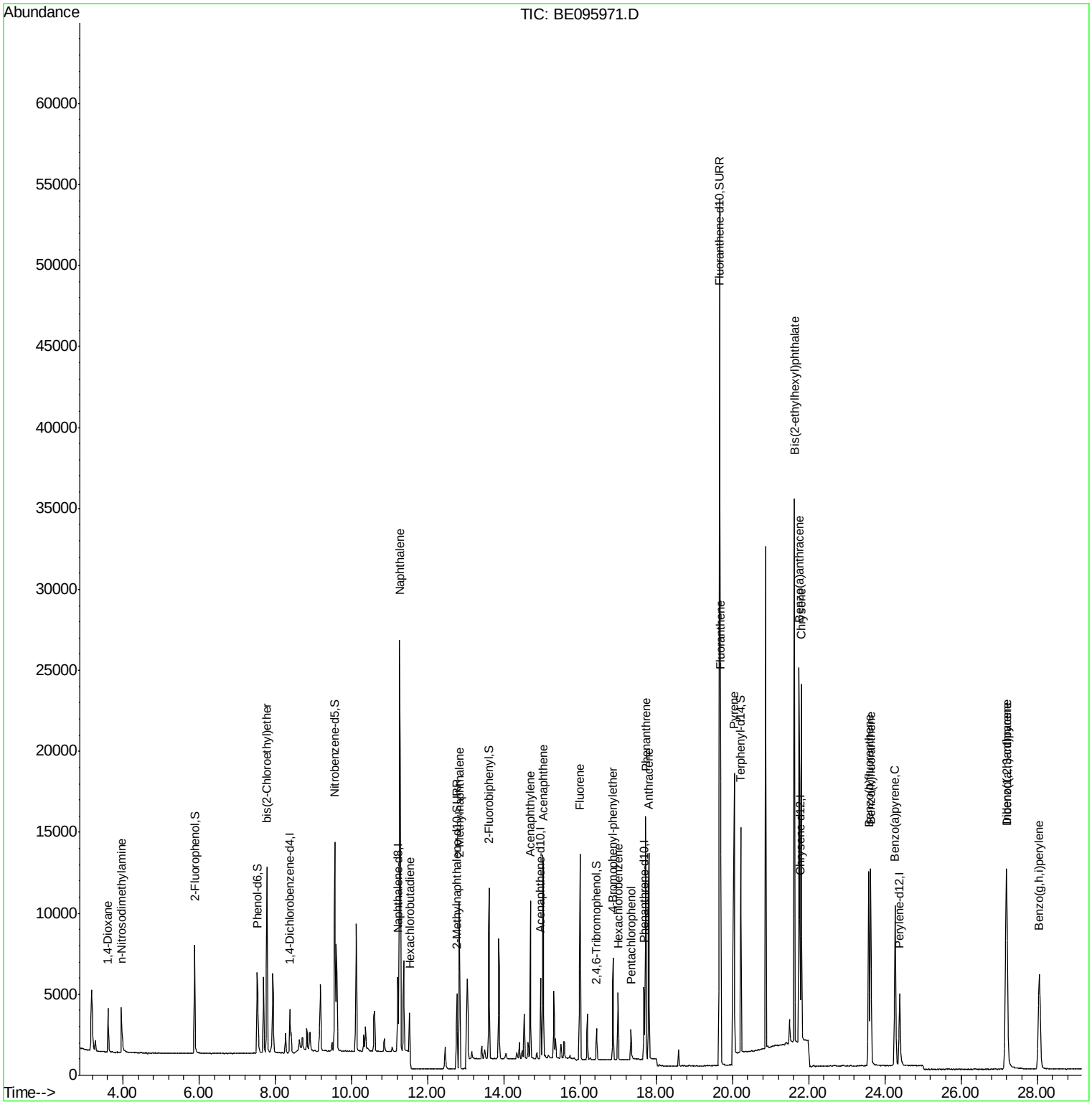
(#) = qualifier out of range (m) = manual integration (+) = signals summed

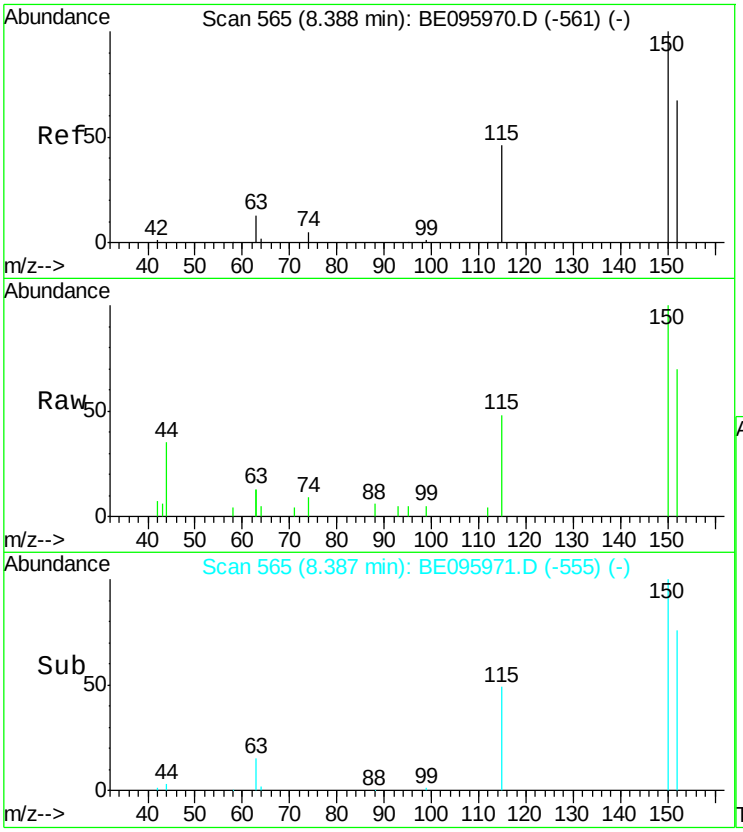
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095971.D
Acq On : 11 Apr 2018 15:22
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 11 15:57:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 15:27:06 2018
Response via : Initial Calibration



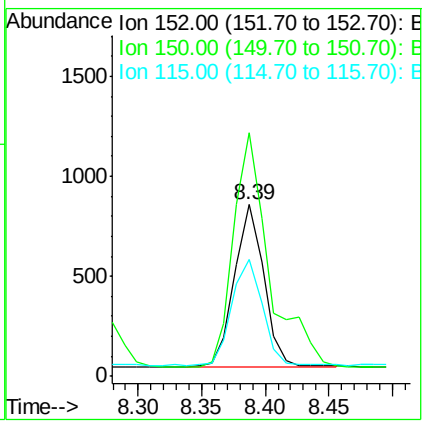


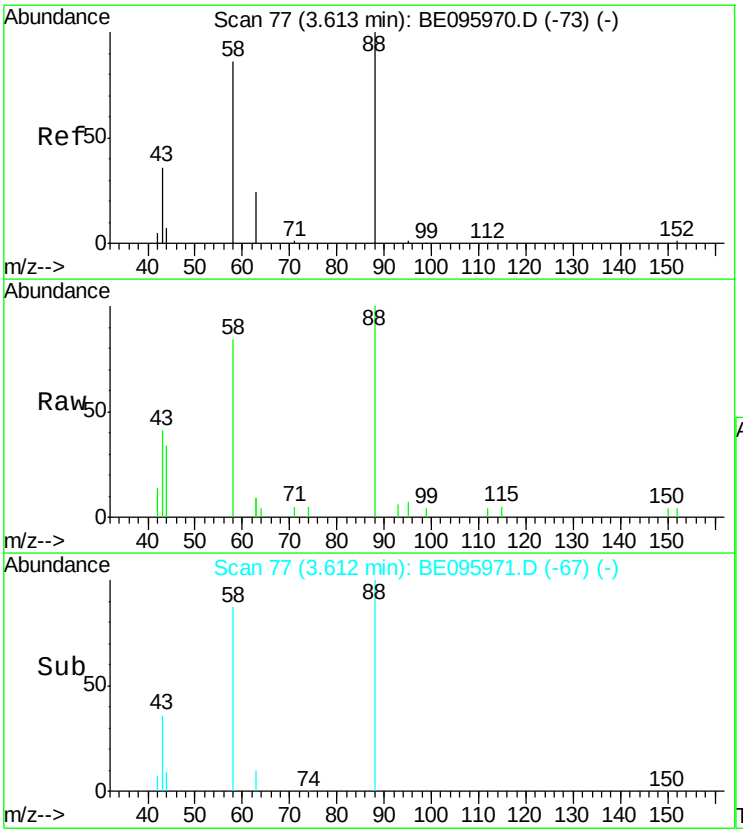
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1292

Ion	Ratio	Lower	Upper
152	100		
150	142.0	117.2	175.8
115	67.9	57.0	85.6

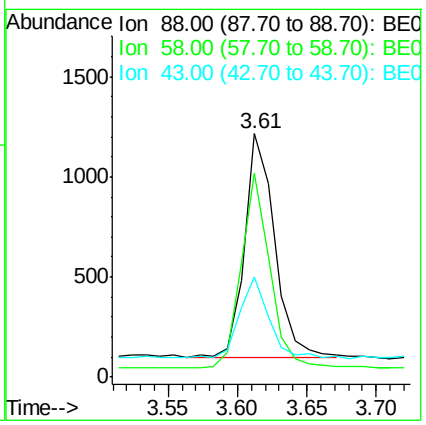


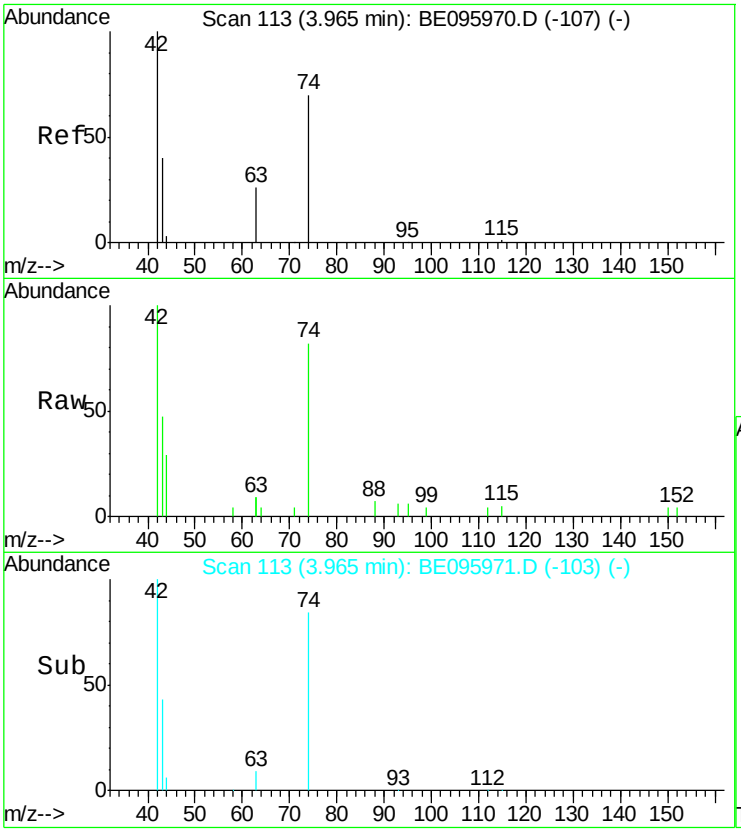


#2
1,4-Dioxane
Concen: 0.795 ng
RT: 3.61 min Scan# 77
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion: 88 Resp: 1681

Ion	Ratio	Lower	Upper
88	100		
58	82.8	63.2	94.8
43	34.8	41.2	61.8#



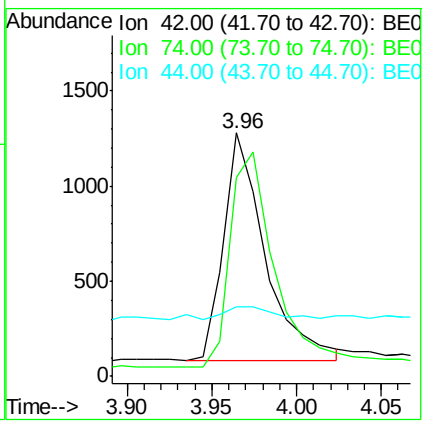


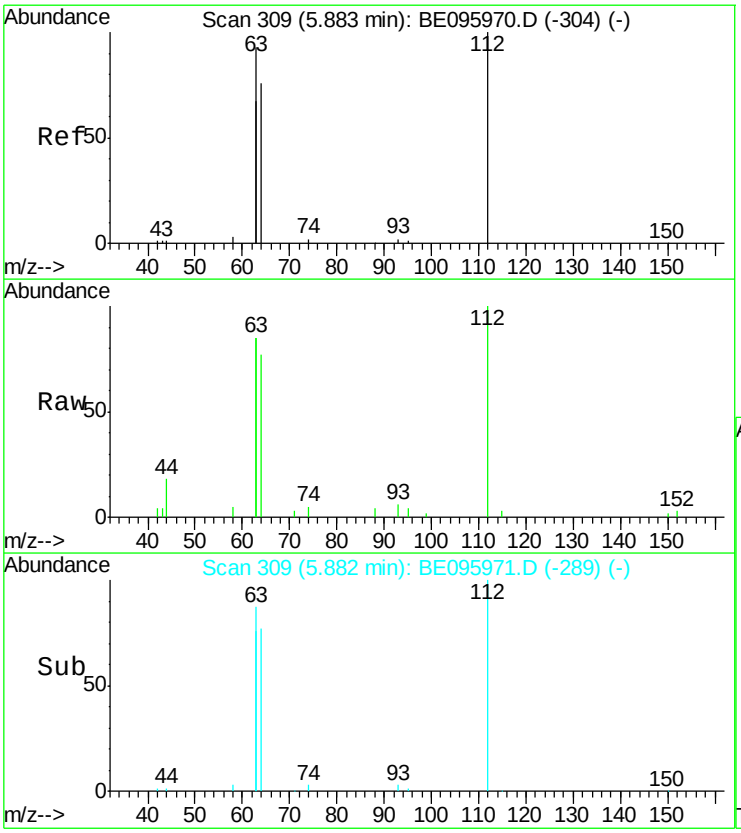
#3
n-Nitrosodimethylamine
Concen: 0.660 ng
RT: 3.96 min Scan# 113
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2049

Ion	Ratio	Lower	Upper
42	100		
74	100.0	96.0	144.0
44	7.9	12.0	18.0#

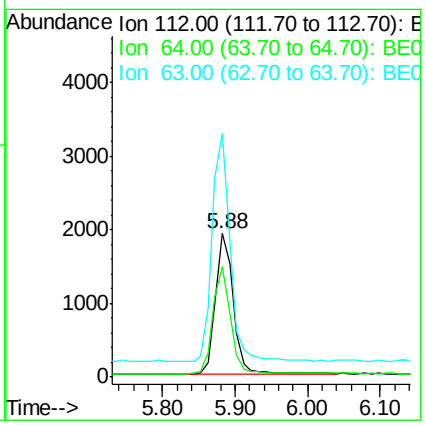


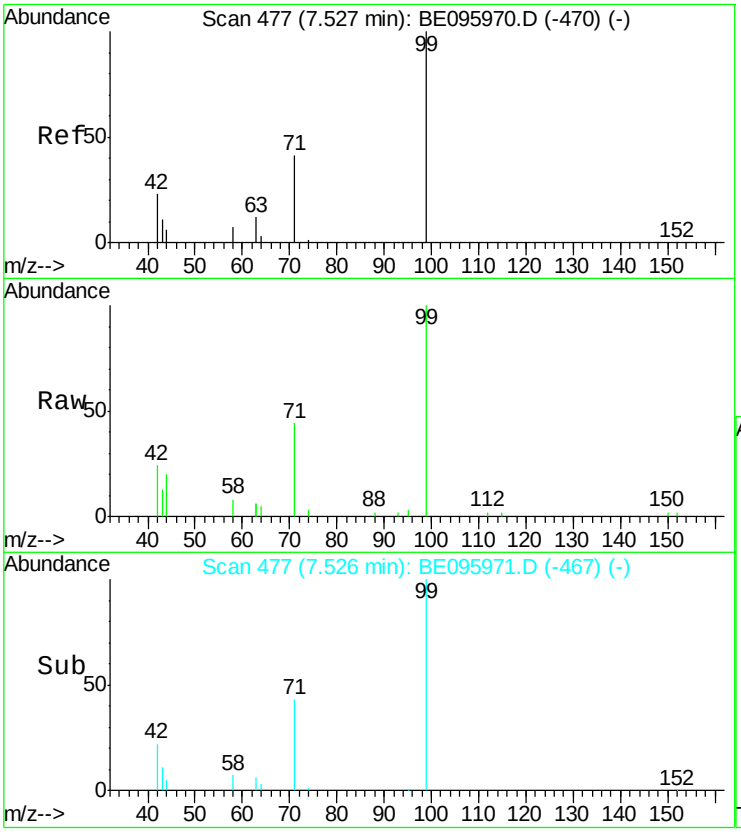


#4
2-Fluorophenol
Concen: 0.742 ng
RT: 5.88 min Scan# 309
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:112 Resp: 3159

Ion	Ratio	Lower	Upper
112	100		
64	76.8	60.1	90.1
63	166.7	116.8	175.2



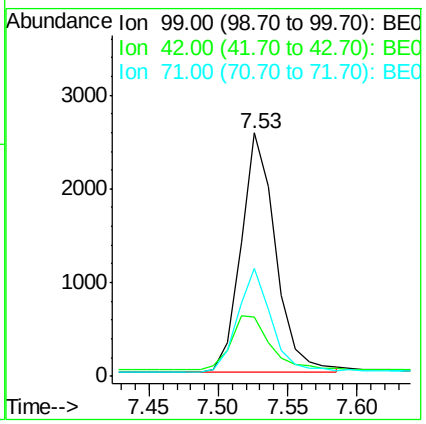


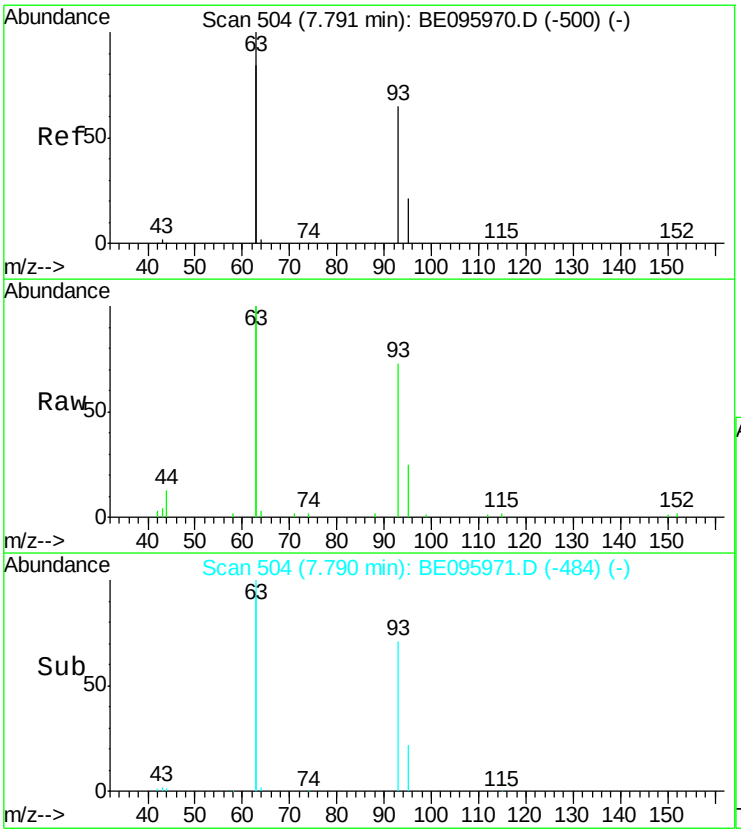
#5
Phenol-d6
Concen: 0.758 ng
RT: 7.53 min Scan# 477
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4440

Ion	Ratio	Lower	Upper
99	100		
42	25.8	20.2	30.2
71	41.6	28.4	42.6

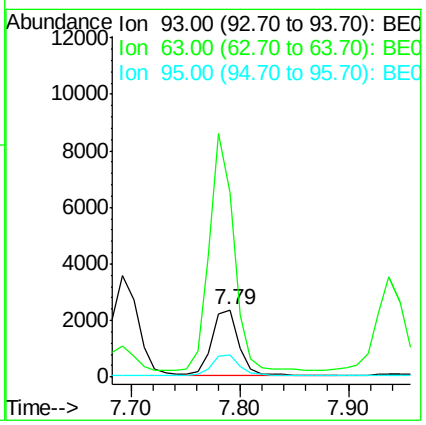


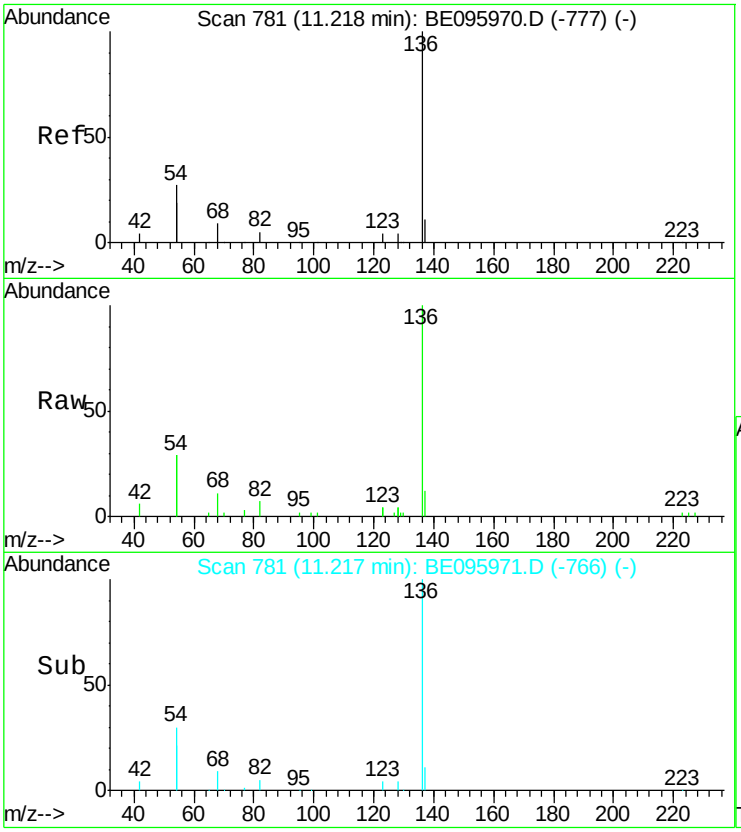


#6
bis(2-Chloroethyl)ether
Concen: 0.776 ng
RT: 7.79 min Scan# 504
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion: 93 Resp: 3921

Ion	Ratio	Lower	Upper
93	100		
63	332.9	275.3	412.9
95	31.7	25.2	37.8



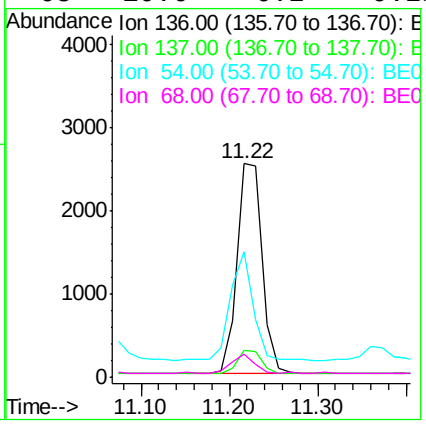


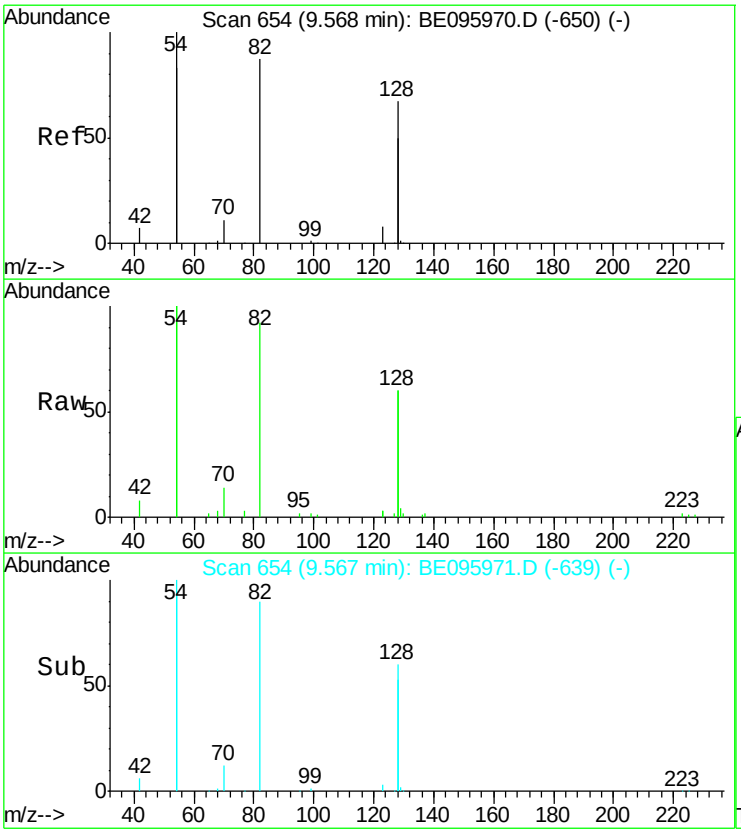
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4971

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	59.0	29.1	43.7#
68	10.6	6.2	9.2#

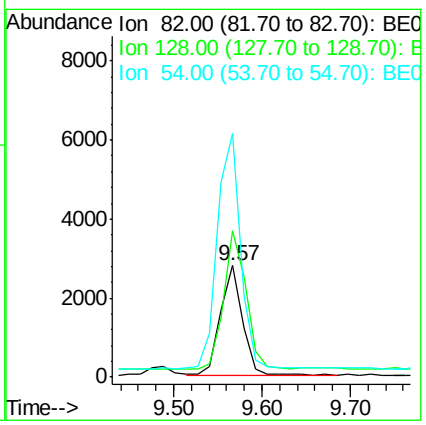


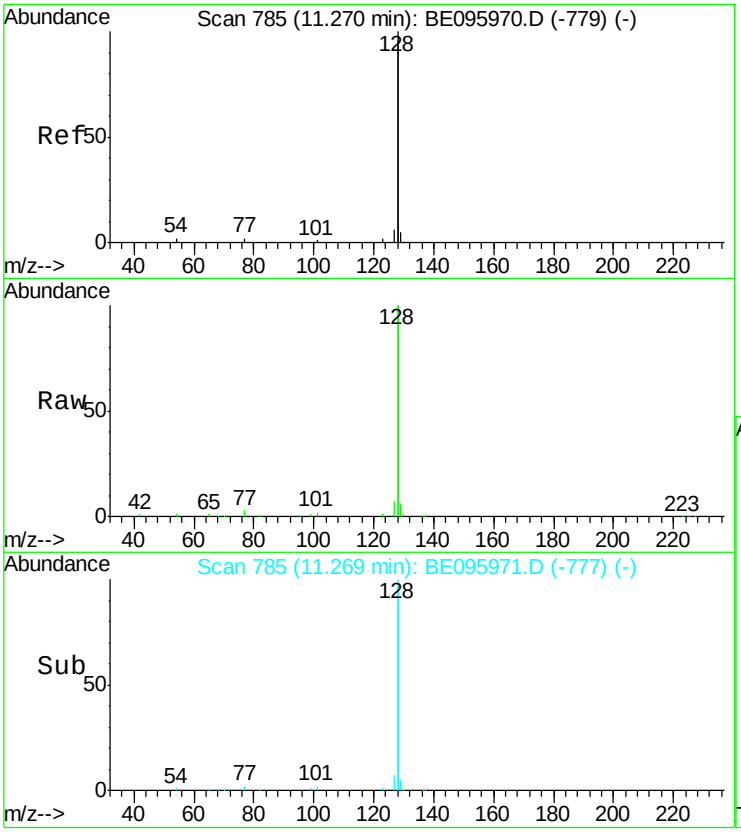


#8
Nitrobenzene-d5
Concen: 0.798 ng
RT: 9.57 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion: 82 Resp: 4685

Ion	Ratio	Lower	Upper
82	100		
128	131.2	150.0	225.0#
54	218.4	154.2	231.4



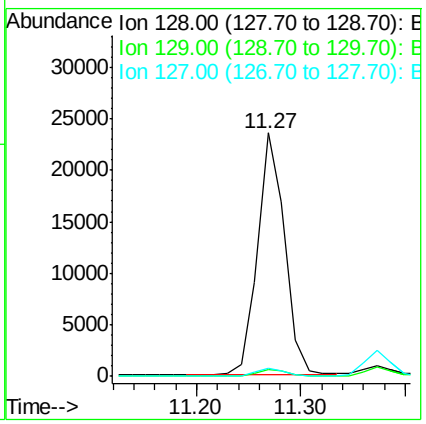


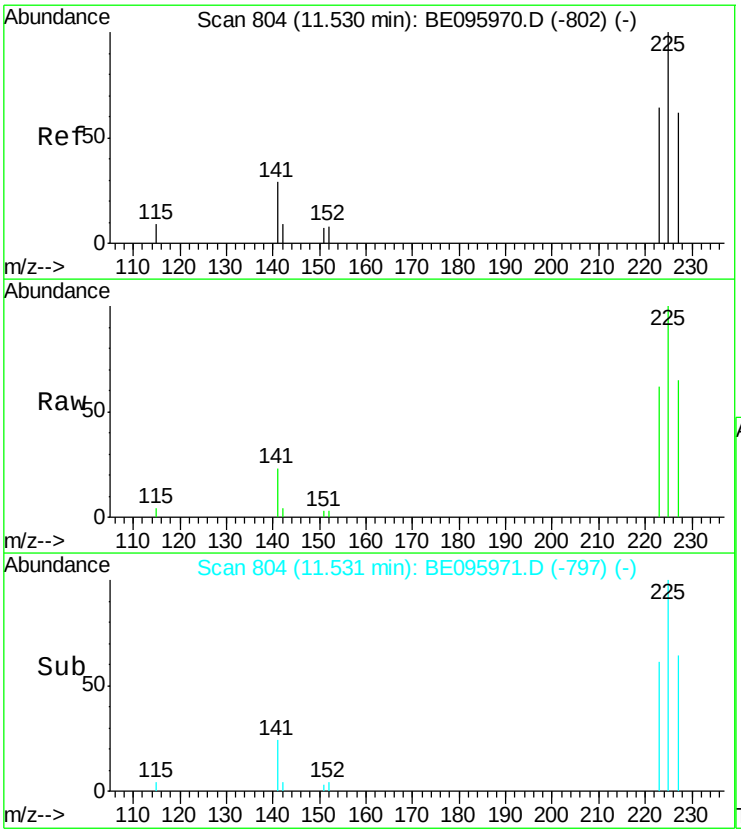
#9
Naphthalene
Concen: 0.738 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 41882

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

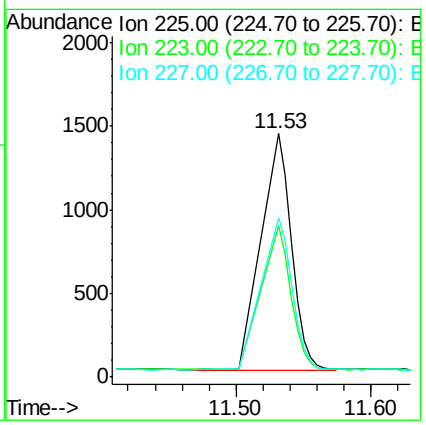


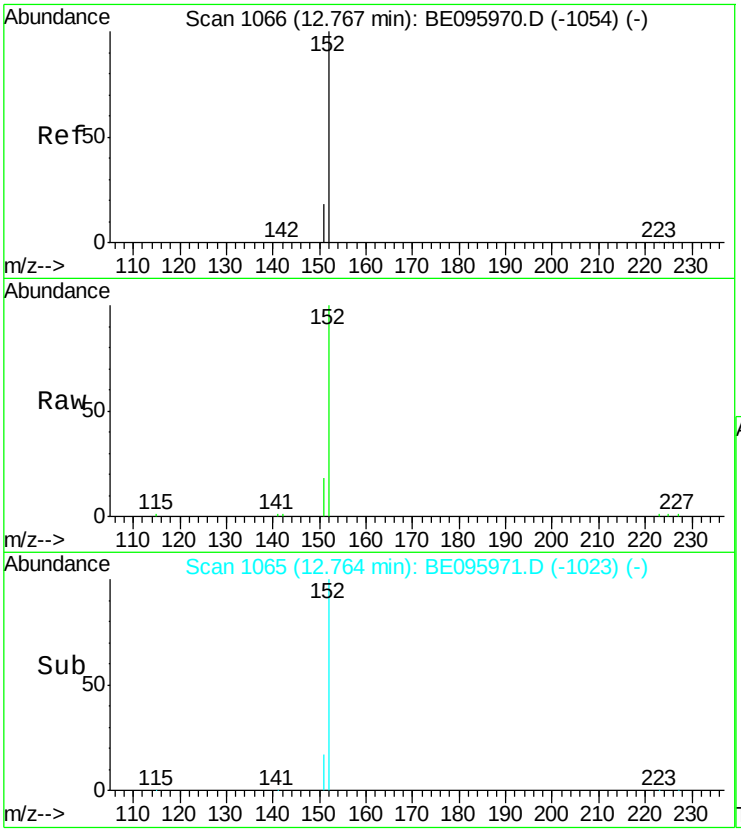


#10
Hexachlorobutadiene
Concen: 0.526 ng
RT: 11.53 min Scan# 804
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:225 Resp: 2053

Ion	Ratio	Lower	Upper
225	100		
223	55.6	53.0	79.6
227	66.5	51.4	77.2



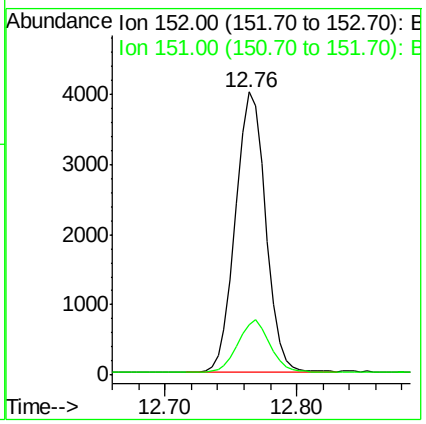


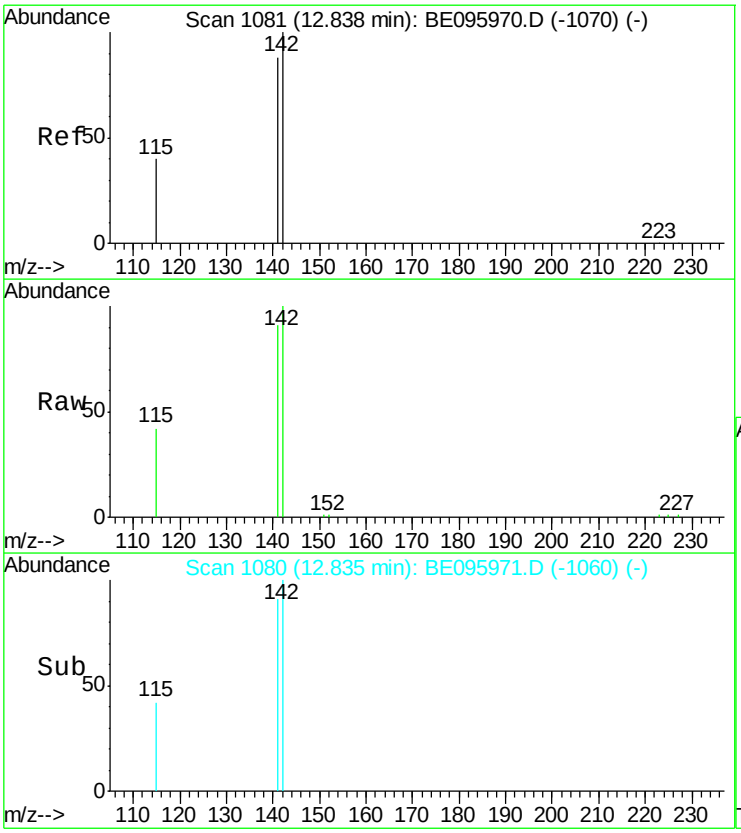
#11
2-Methylnaphthalene-d10
Concen: 0.761 ng
RT: 12.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6315

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

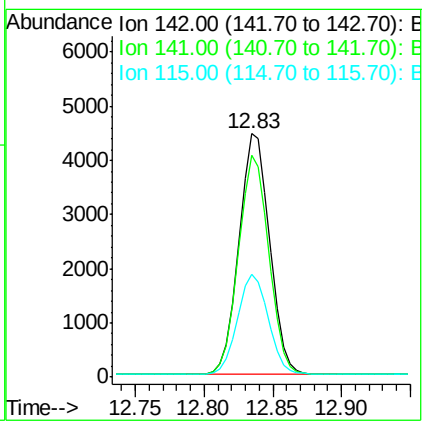


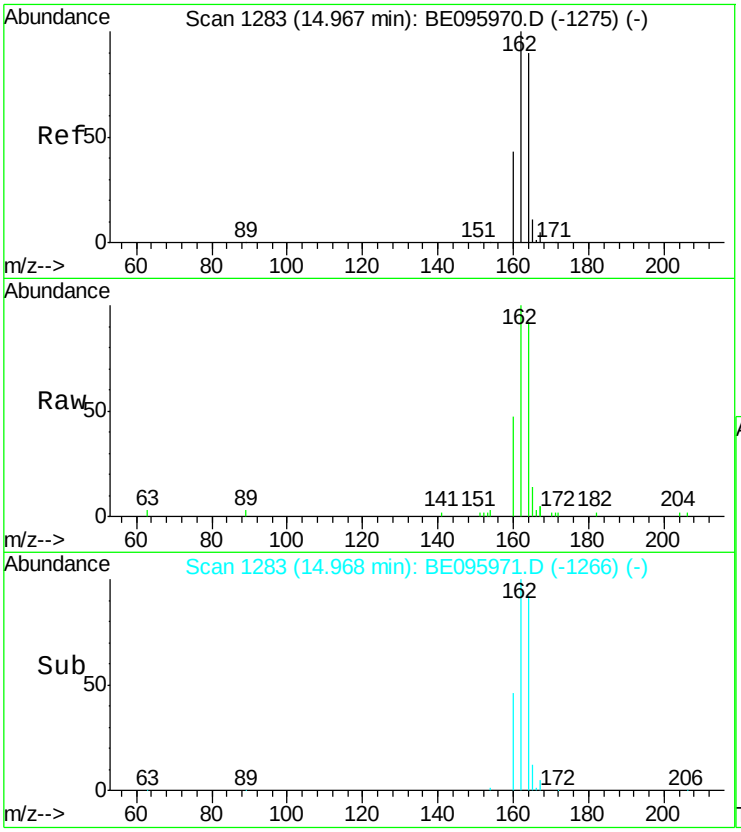


#12
2-Methylnaphthalene
Concen: 0.720 ng
RT: 12.83 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:142 Resp: 6986

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.4	105.6
115	42.4	31.7	47.5



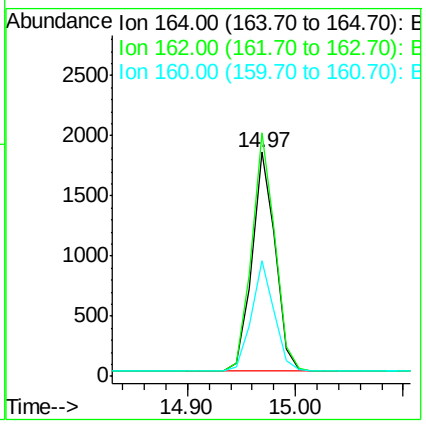


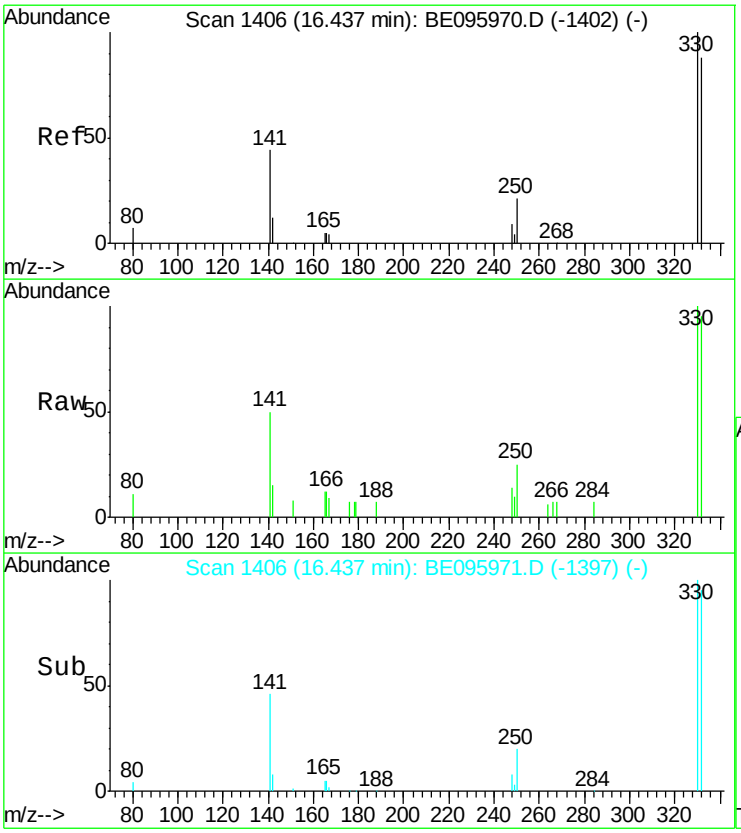
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.97 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2719

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.1	124.7
160	51.5	37.1	55.7

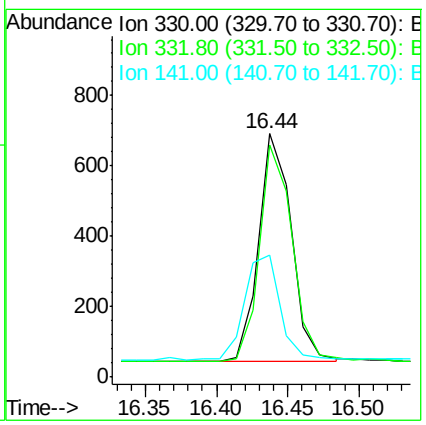


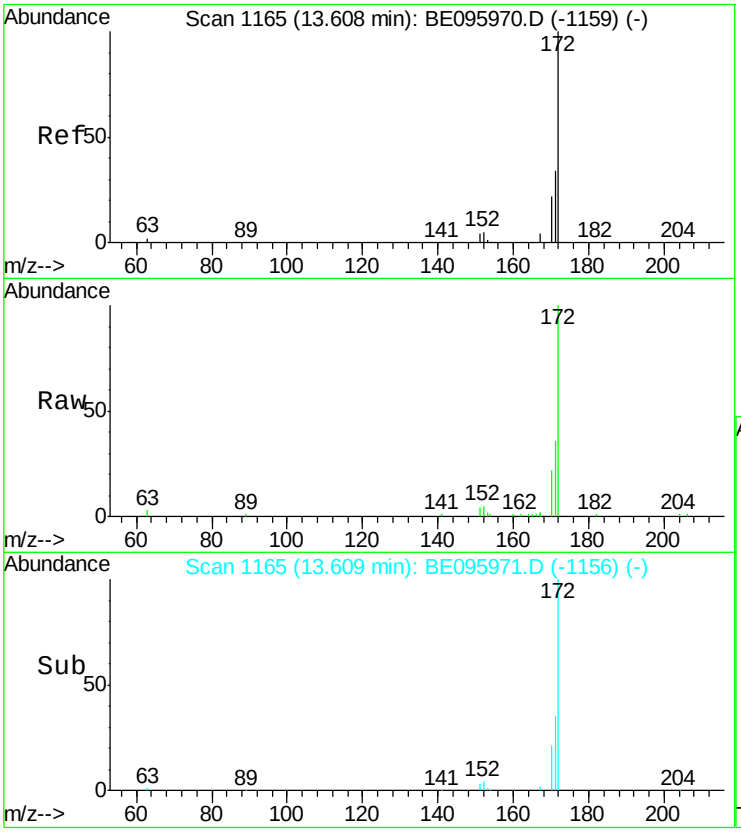


#14
2,4,6-Tribromophenol
Concen: 0.660 ng
RT: 16.44 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:330 Resp: 1036

Ion	Ratio	Lower	Upper
330	100		
332	95.5	152.7	229.1#
141	49.3	33.7	50.5



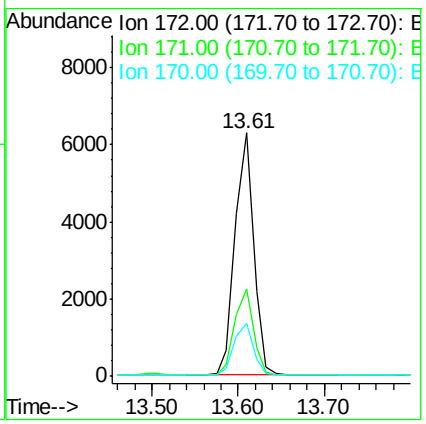


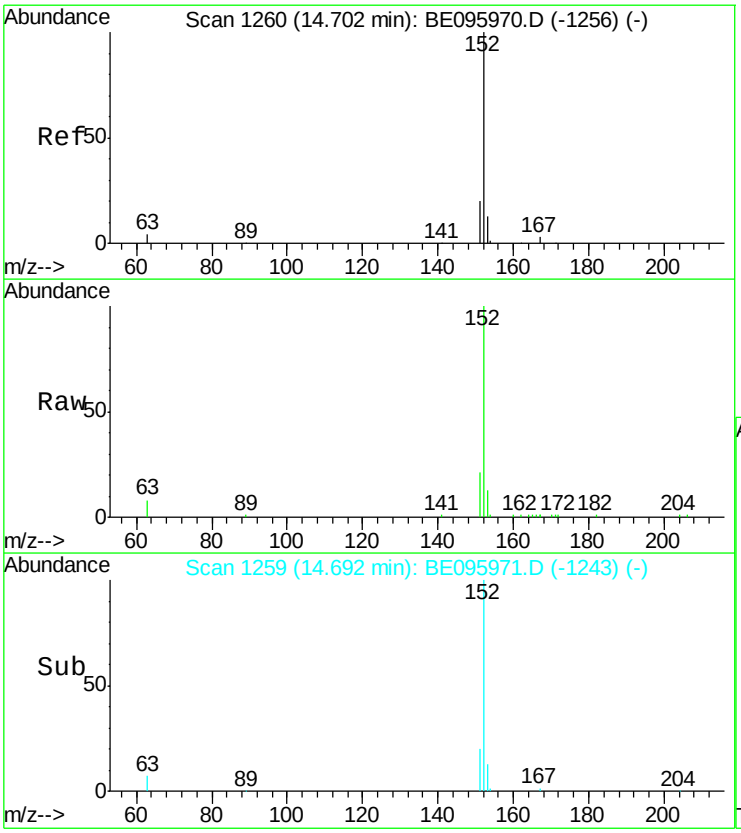
#15
2-Fluorobiphenyl
Concen: 0.815 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9342

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	21.9	21.8	32.8

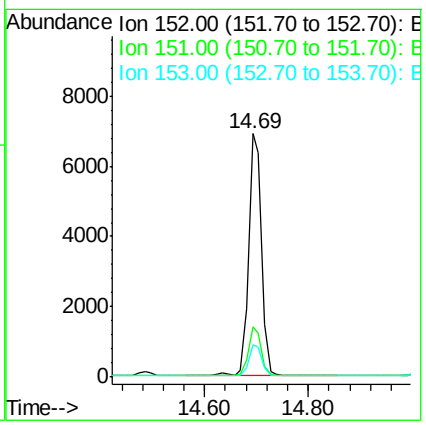


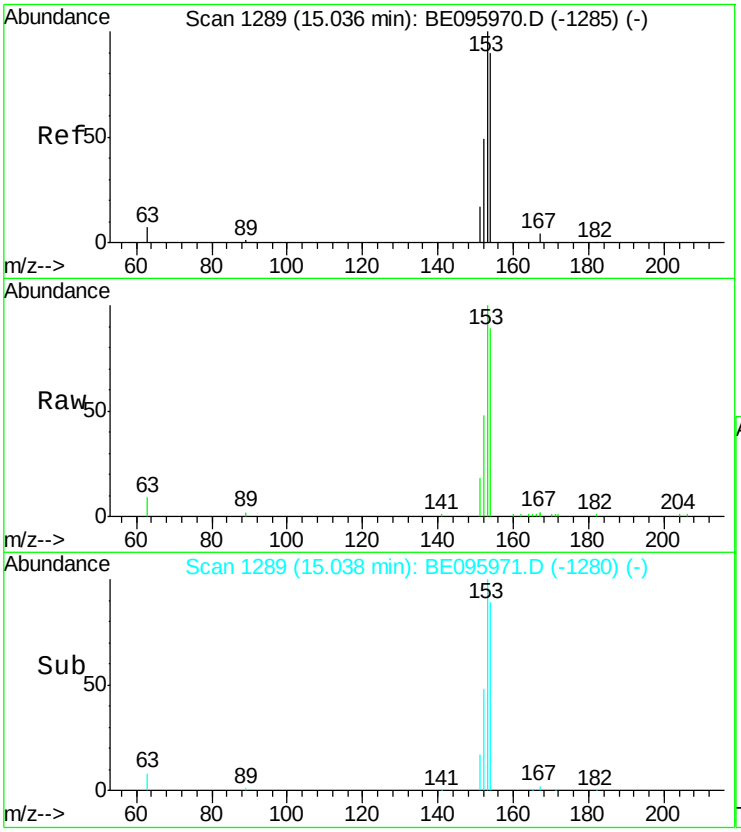


#16
Acenaphthylene
Concen: 0.759 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:152 Resp: 11797

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7



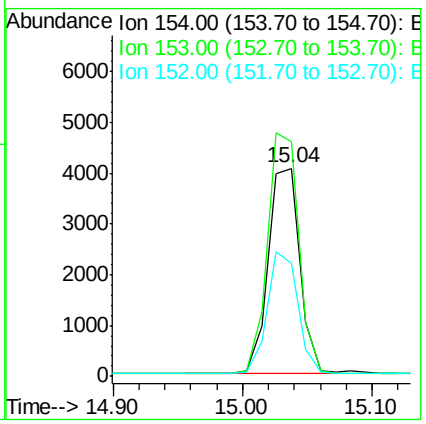


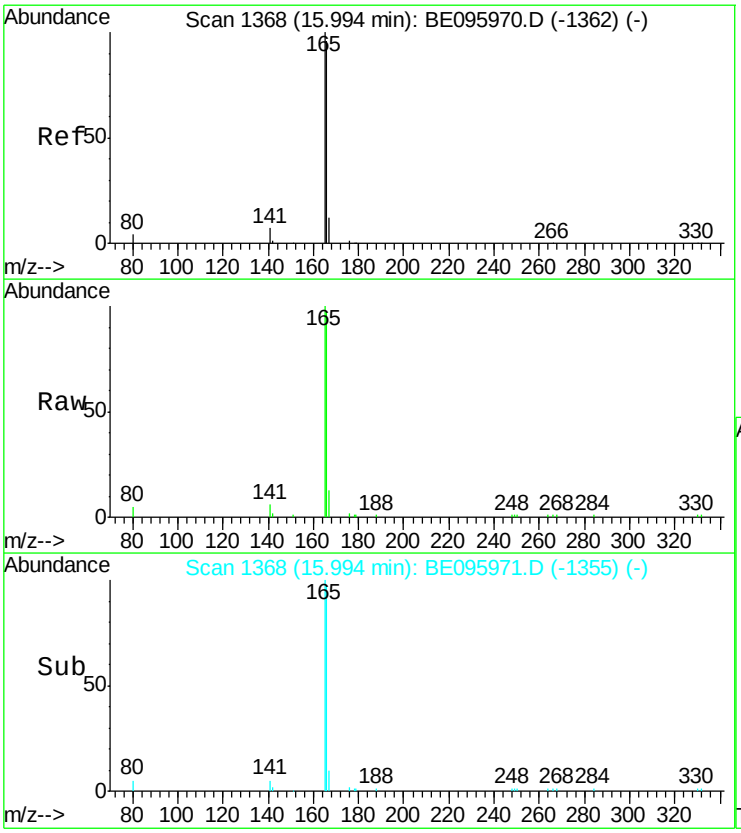
#17
Acenaphthene
Concen: 0.735 ng
RT: 15.04 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6971

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.2	133.8
152	57.8	42.0	63.0

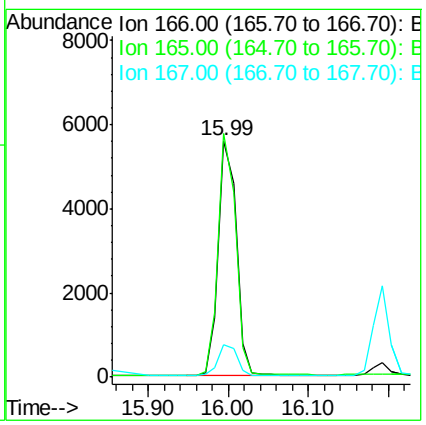


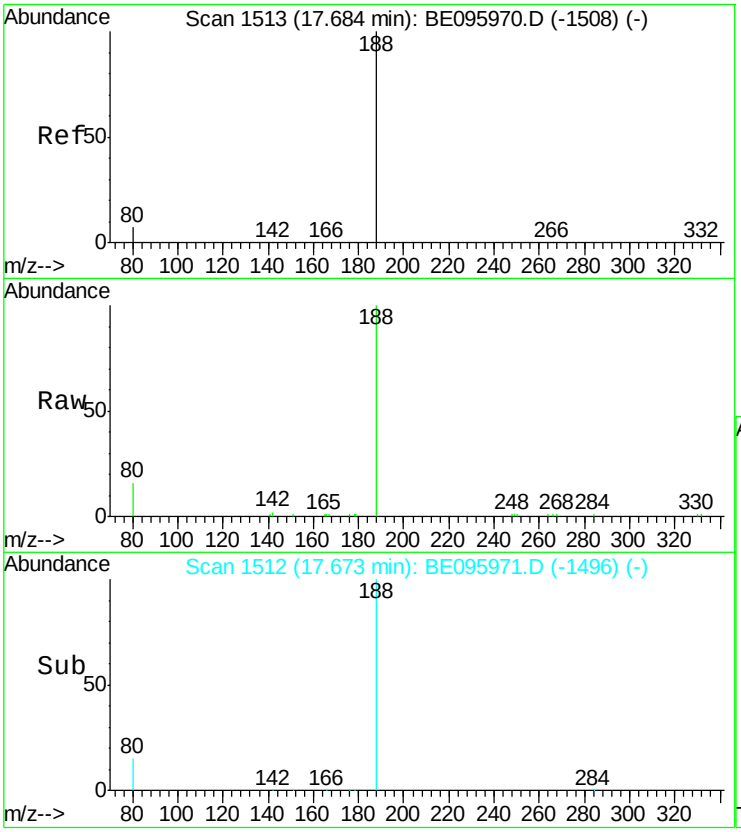


#18
Fluorene
Concen: 0.699 ng
RT: 15.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:166 Resp: 8720

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.6
167	13.4	42.4	63.6#



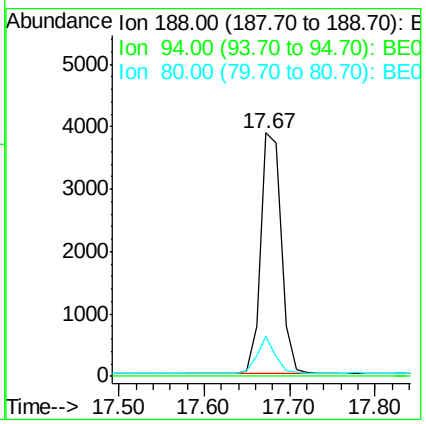


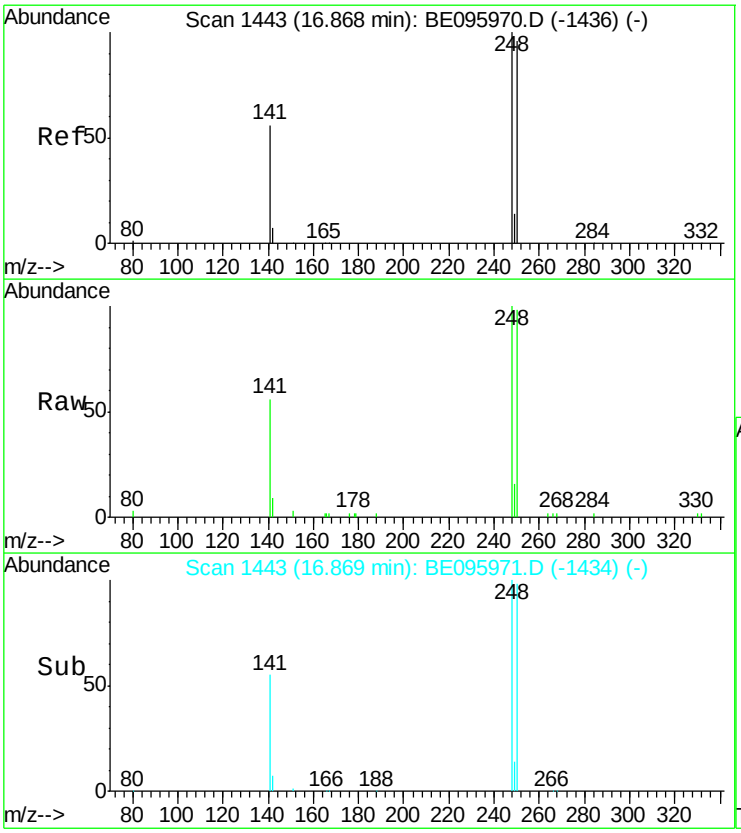
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6463

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.3	3.6	5.4#

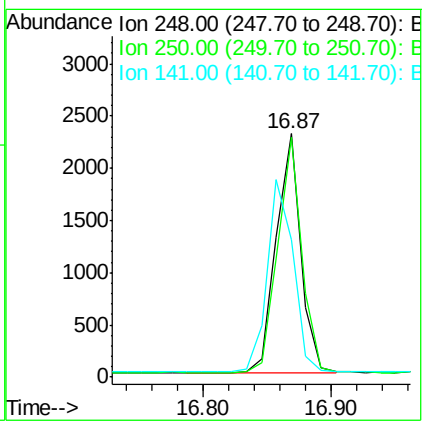


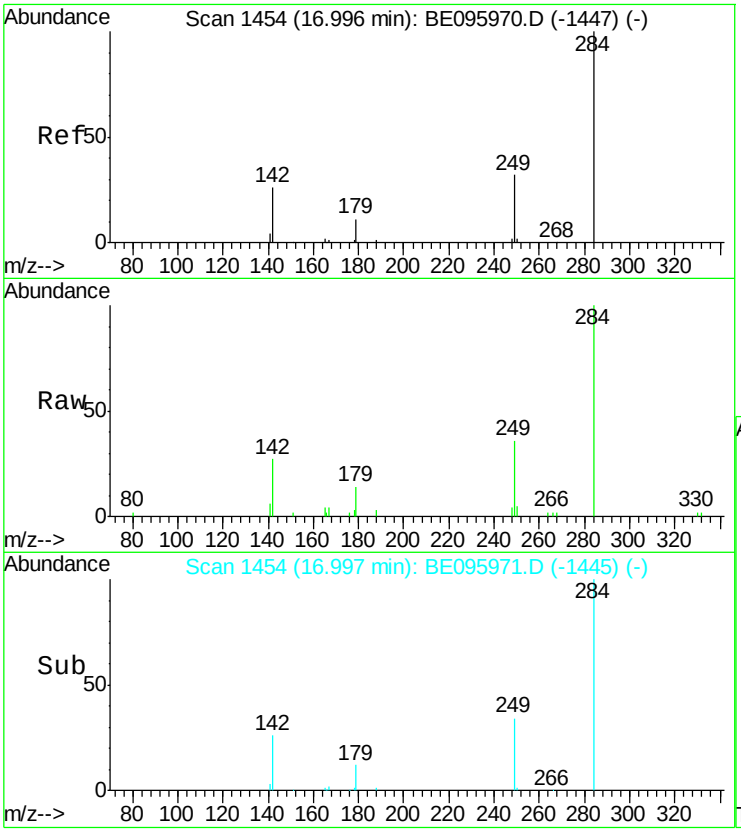


#20
4-Bromophenyl-phenylether
Concen: 0.791 ng
RT: 16.87 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:248 Resp: 3072

Ion	Ratio	Lower	Upper
248	100		
250	98.4	62.7	94.1#
141	56.4	48.2	72.2



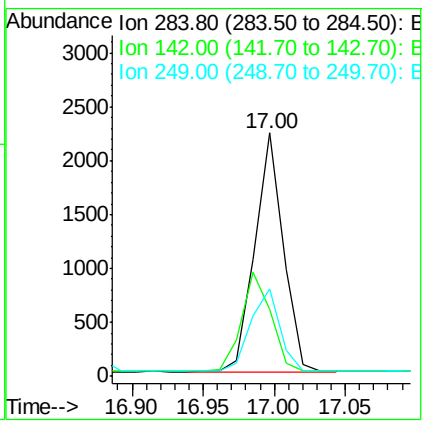


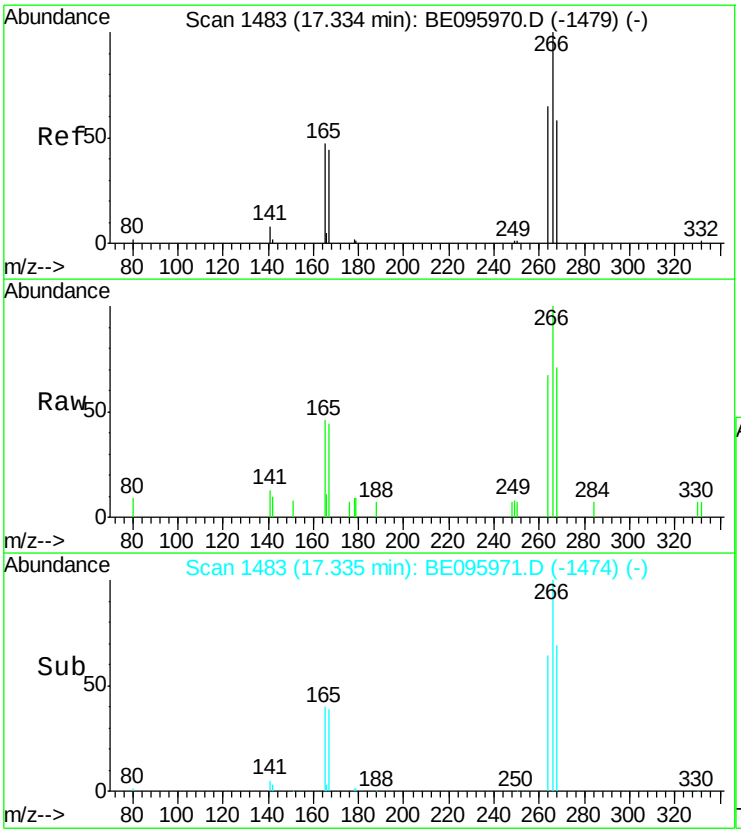
#21
Hexachlorobenzene
Concen: 0.791 ng
RT: 17.00 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3070

Ion	Ratio	Lower	Upper
284	100		
142	43.1	22.1	33.1#
249	35.5	34.8	52.2

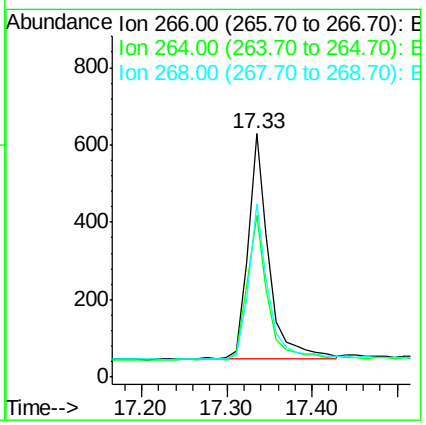


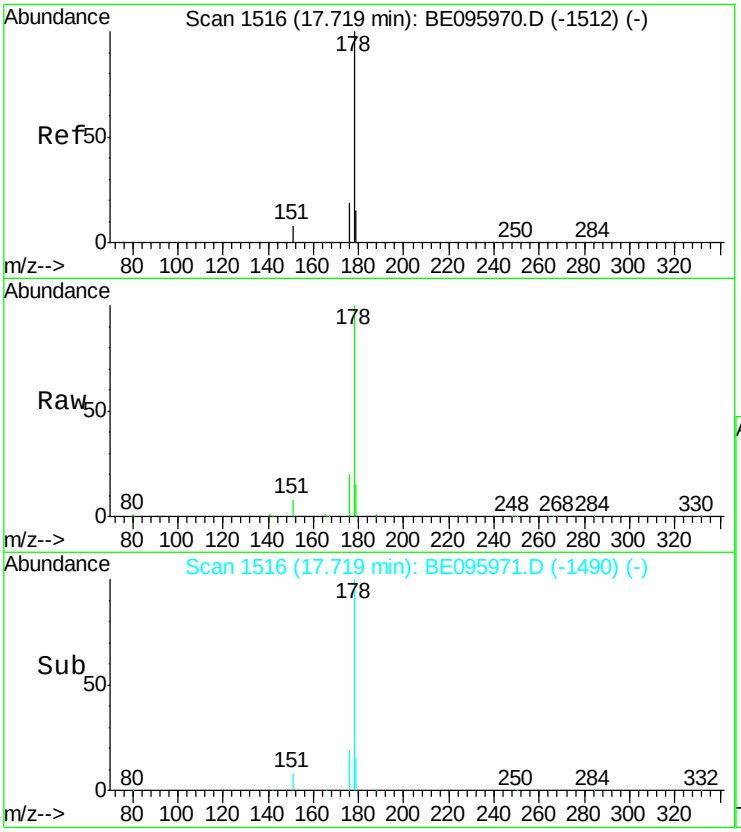


#22
Pentachlorophenol
Concen: 0.877 ng
RT: 17.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:266 Resp: 983

Ion	Ratio	Lower	Upper
266	100		
264	66.6	72.5	108.7#
268	71.2	73.8	110.6#



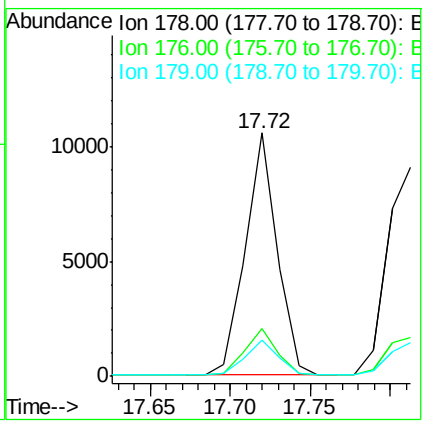


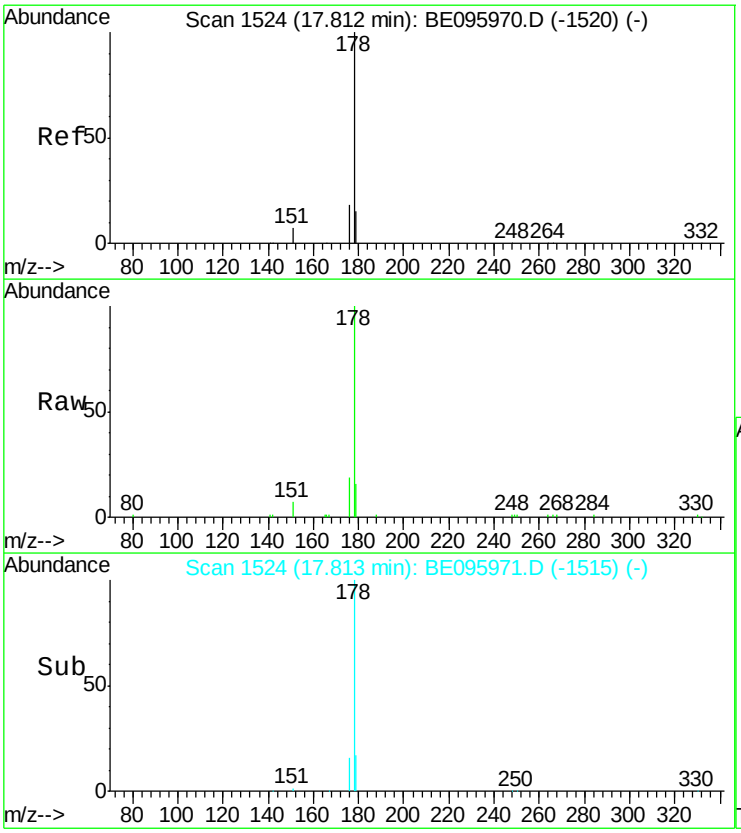
#23
Phenanthrene
Concen: 0.753 ng
RT: 17.72 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 14566

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	14.9	11.8	17.6

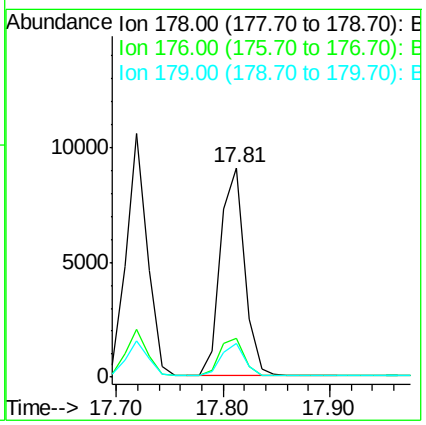


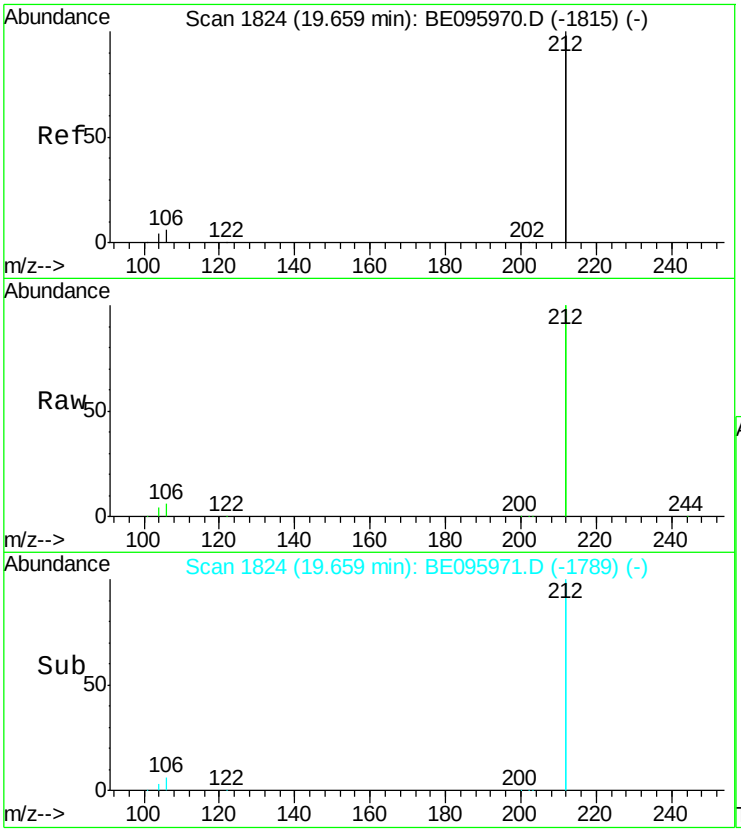


#24
Anthracene
Concen: 0.730 ng
RT: 17.81 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:178 Resp: 14127

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.1	13.0	19.6



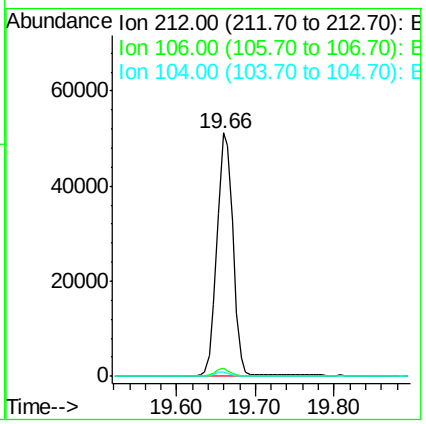


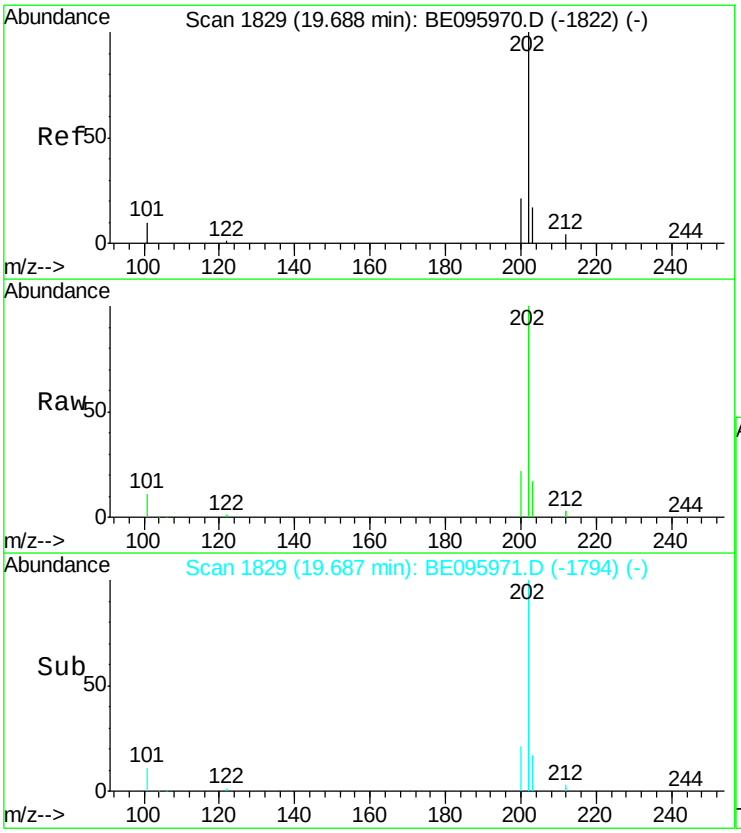
#25
Fluoranthene-d10
Concen: 0.736 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 70691

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

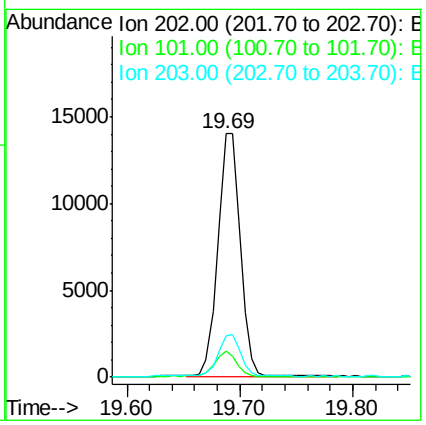


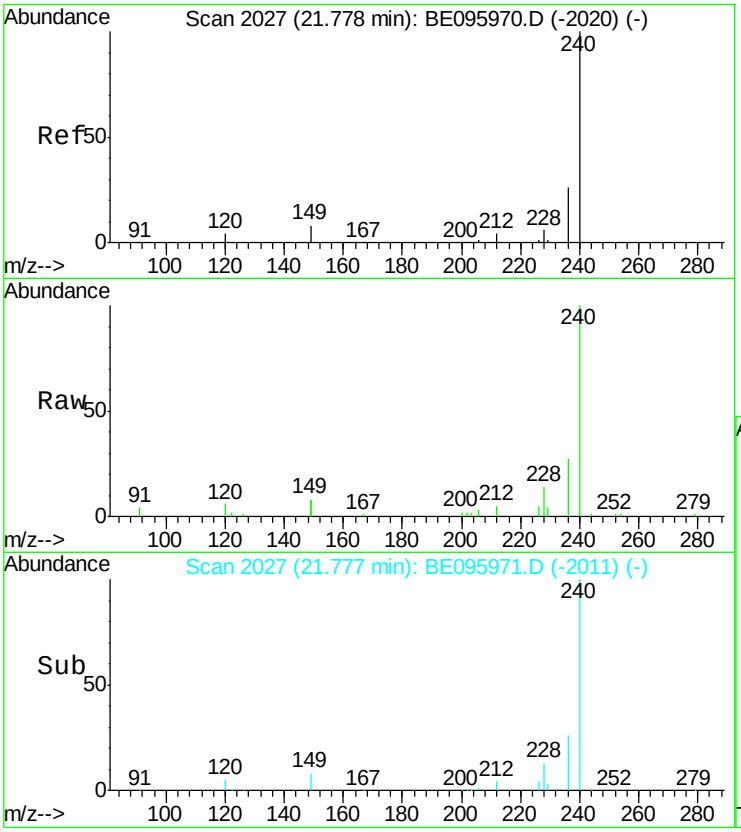


#26
Fluoranthene
Concen: 0.717 ng
RT: 19.69 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:202 Resp: 19258

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.8	14.8
203	17.0	13.7	20.5



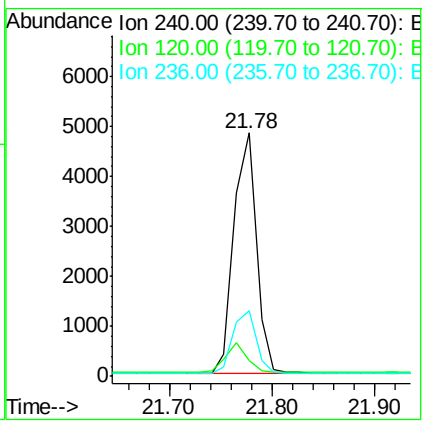


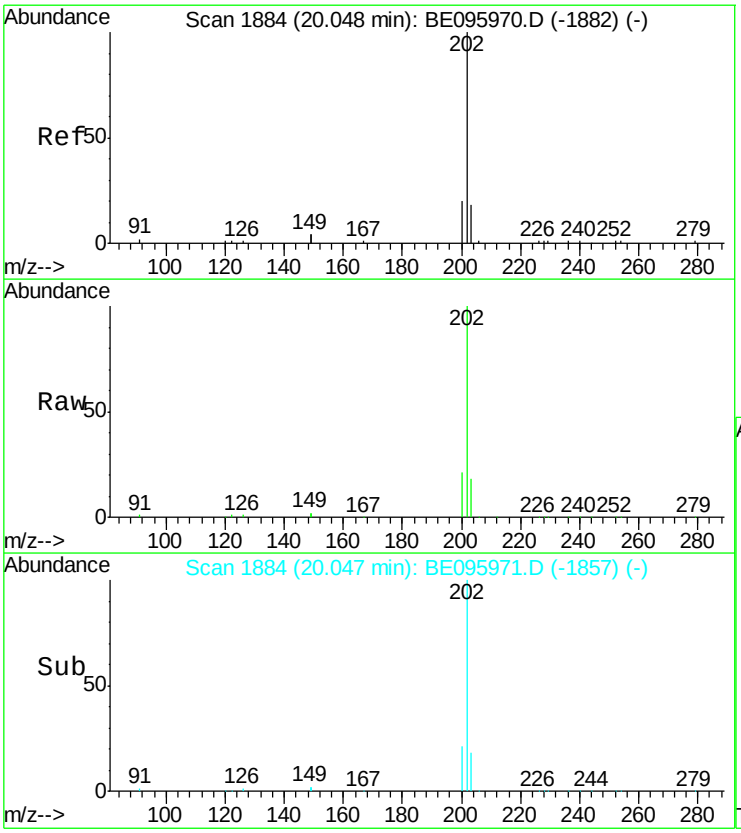
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7332

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	26.9	20.7	31.1

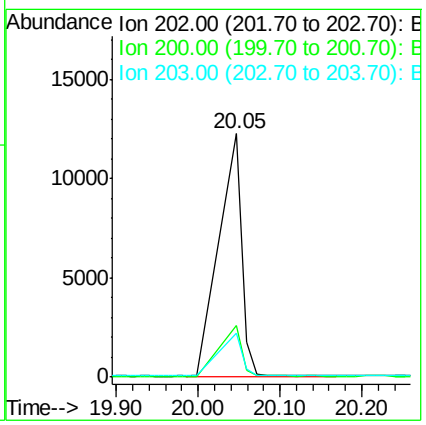


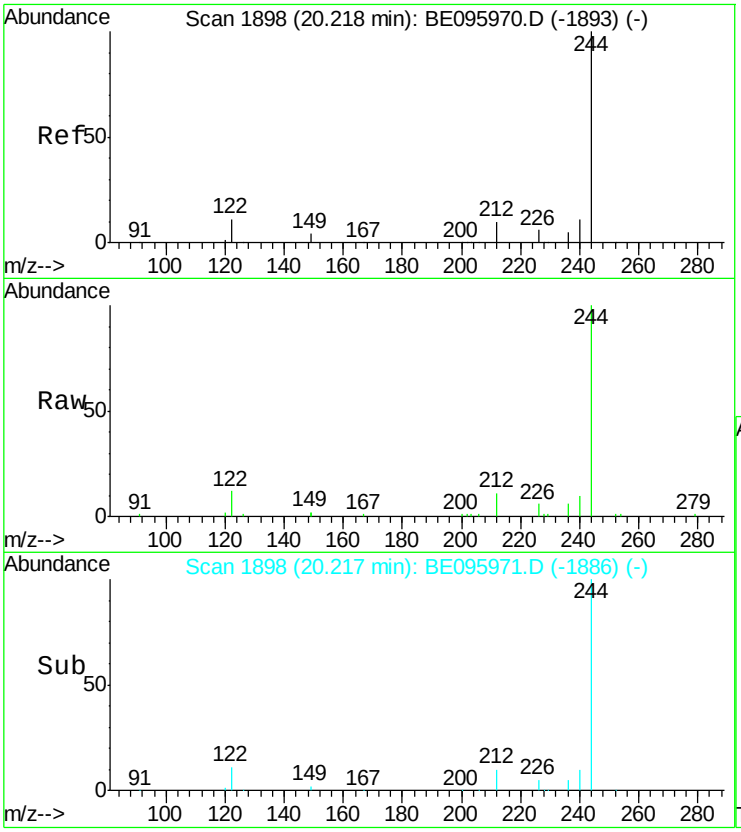


#28
Pyrene
Concen: 0.399 ng
RT: 20.05 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:202 Resp: 11925

Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.6	25.0
203	18.9	13.8	20.8



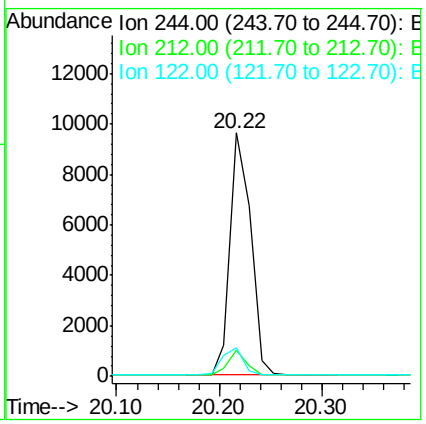


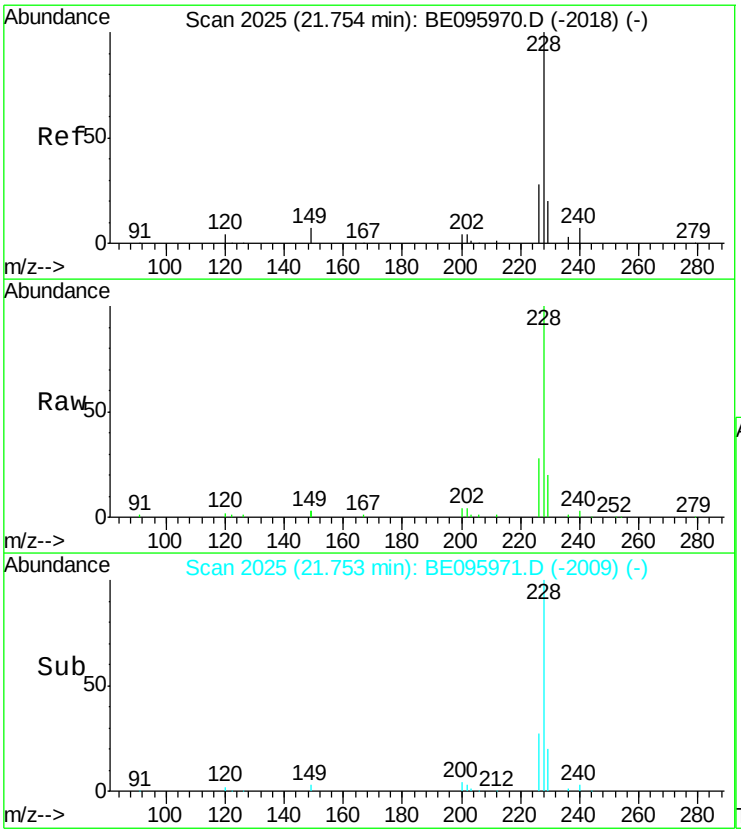
#29
Terphenyl-d14
Concen: 0.850 ng
RT: 20.22 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13239

Ion	Ratio	Lower	Upper
244	100		
212	10.8	25.4	38.0#
122	11.8	8.1	12.1

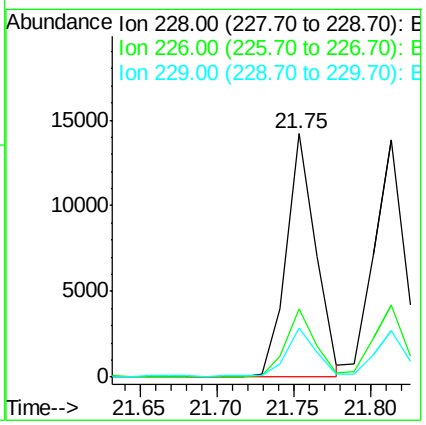


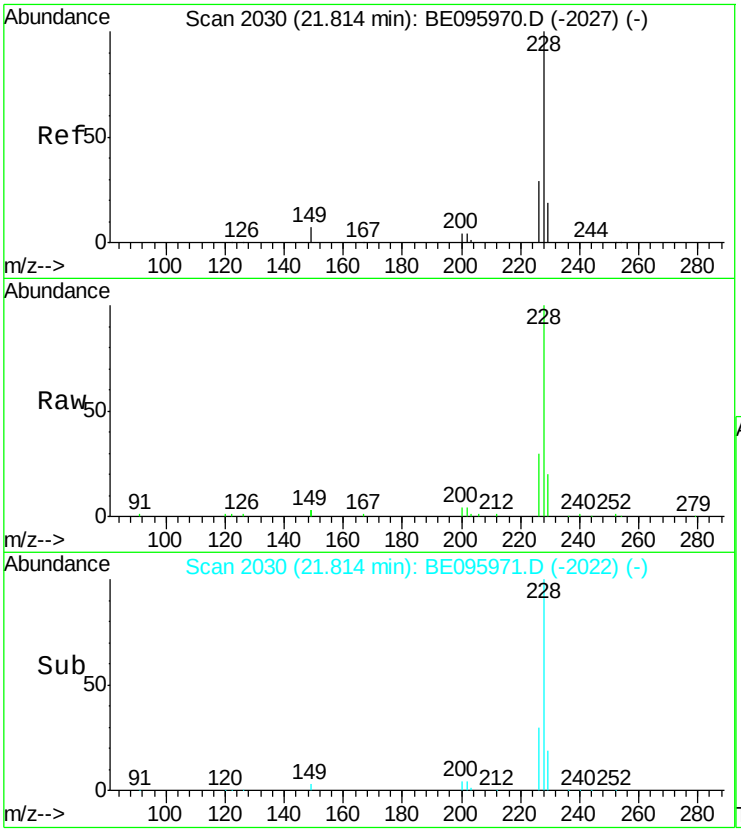


#30
Benzo(a)anthracene
Concen: 0.737 ng
RT: 21.75 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:228 Resp: 18744

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	20.1	16.0	24.0



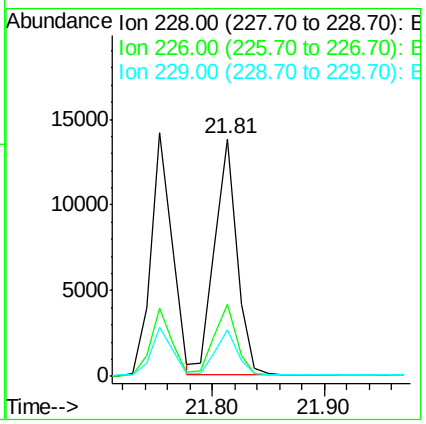


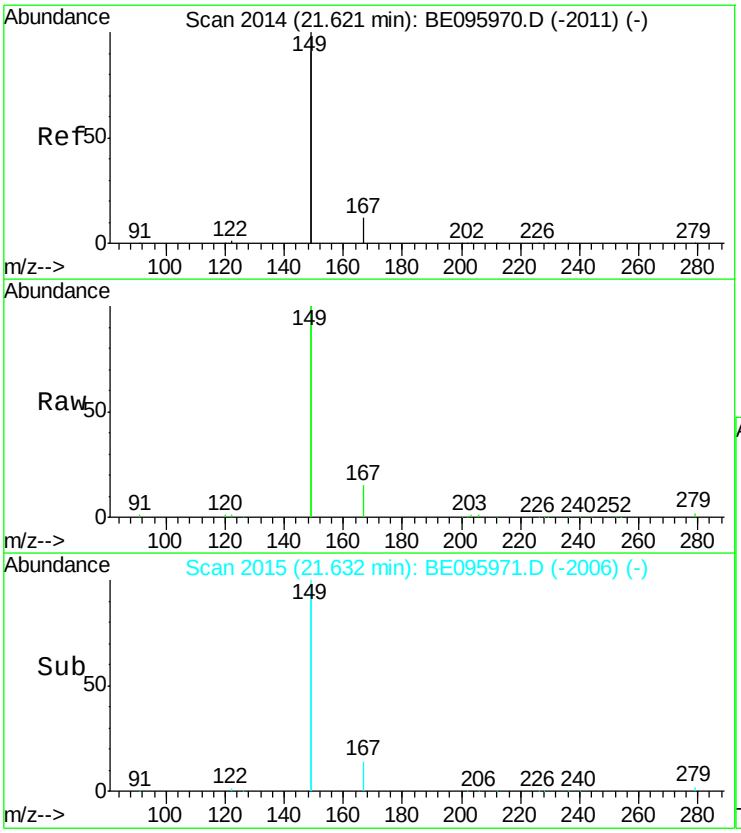
#31
Chrysene
Concen: 0.816 ng
RT: 21.81 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 18942

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.6	16.0	24.0

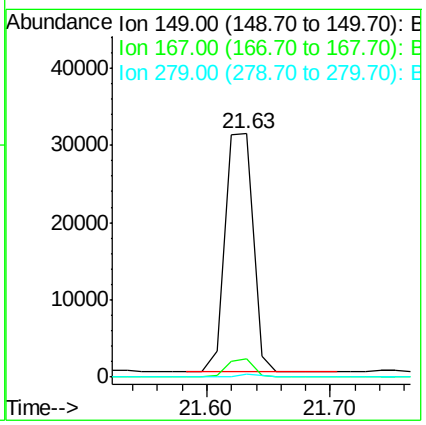


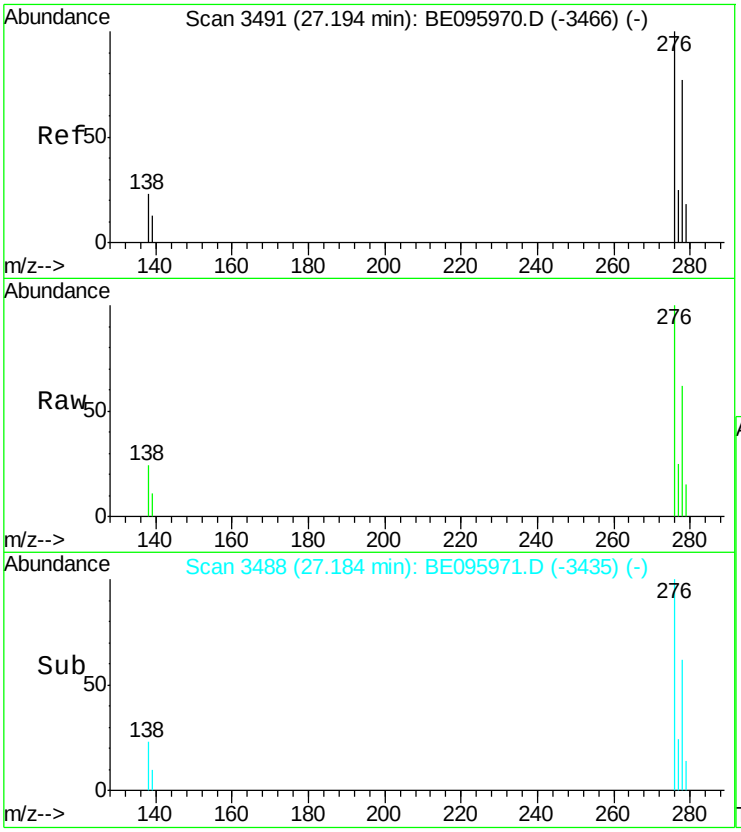


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.621 ng
RT: 21.63 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:149 Resp: 48262

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



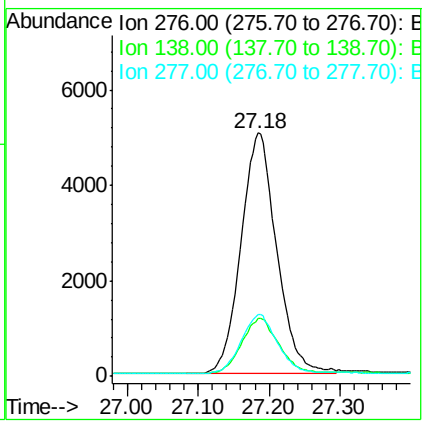


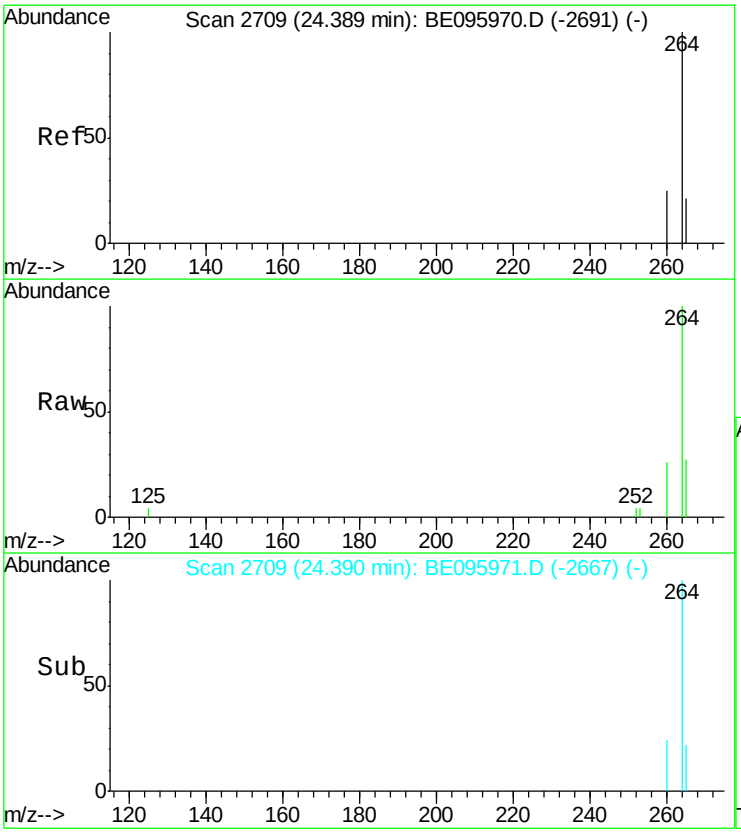
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.719 ng
RT: 27.18 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17983

Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.5	33.7
277	24.9	19.9	29.9

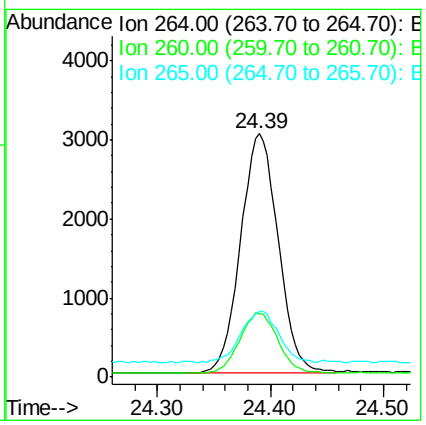


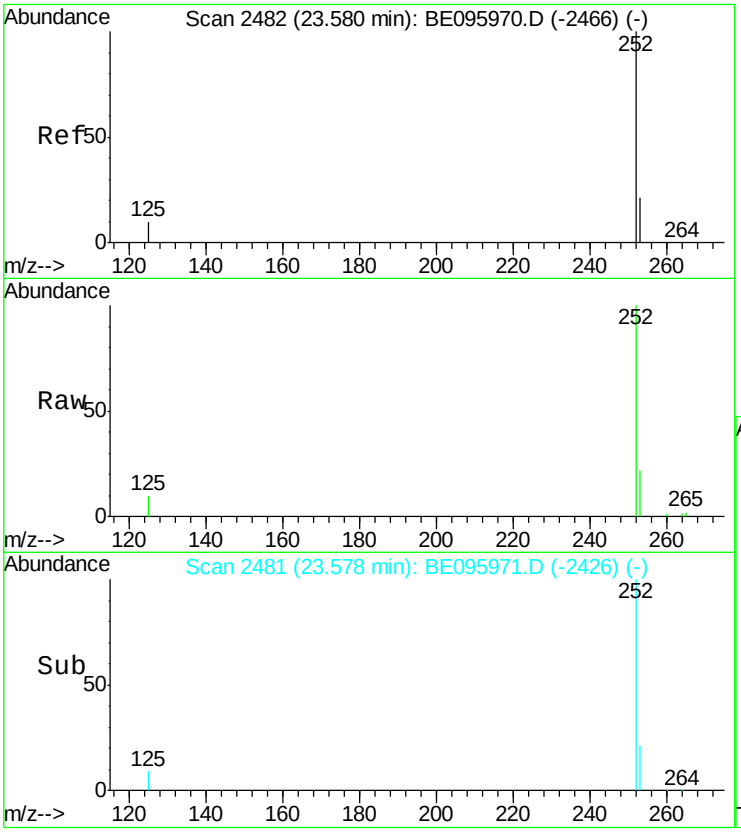


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:264 Resp: 6987

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	27.2	22.8	34.2



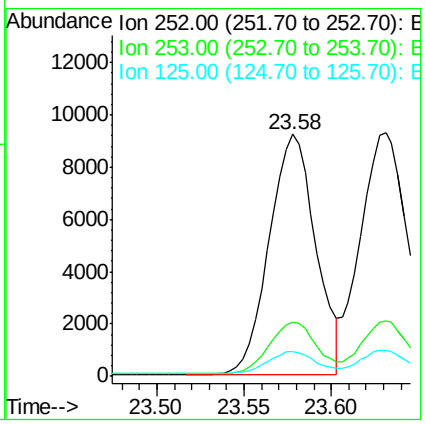


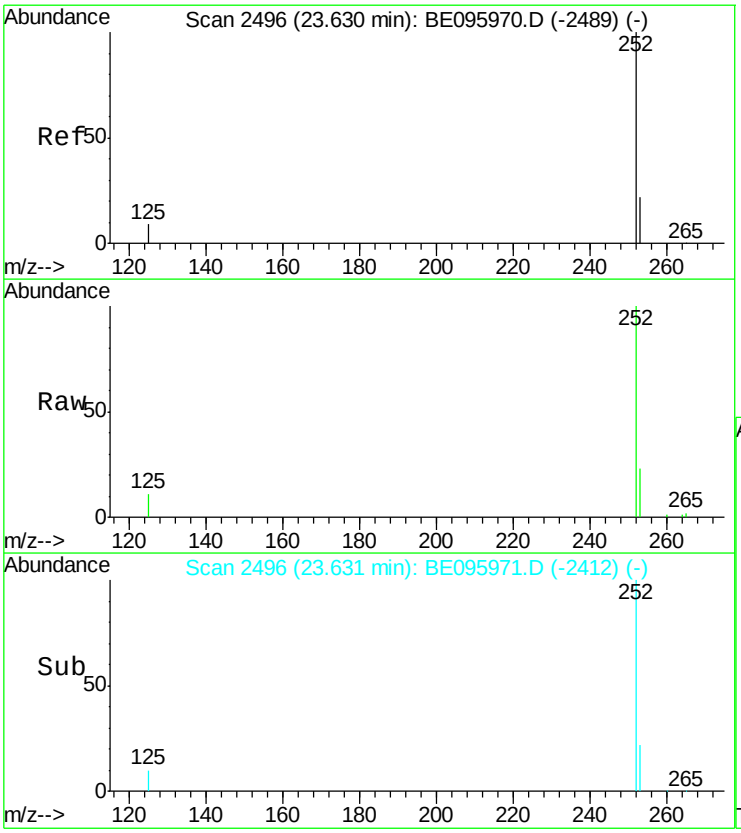
#35
Benzo(b)fluoranthene
Concen: 0.734 ng
RT: 23.58 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16975

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	10.4	16.0	24.0#

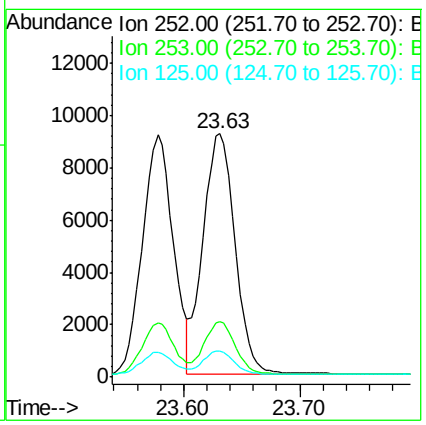


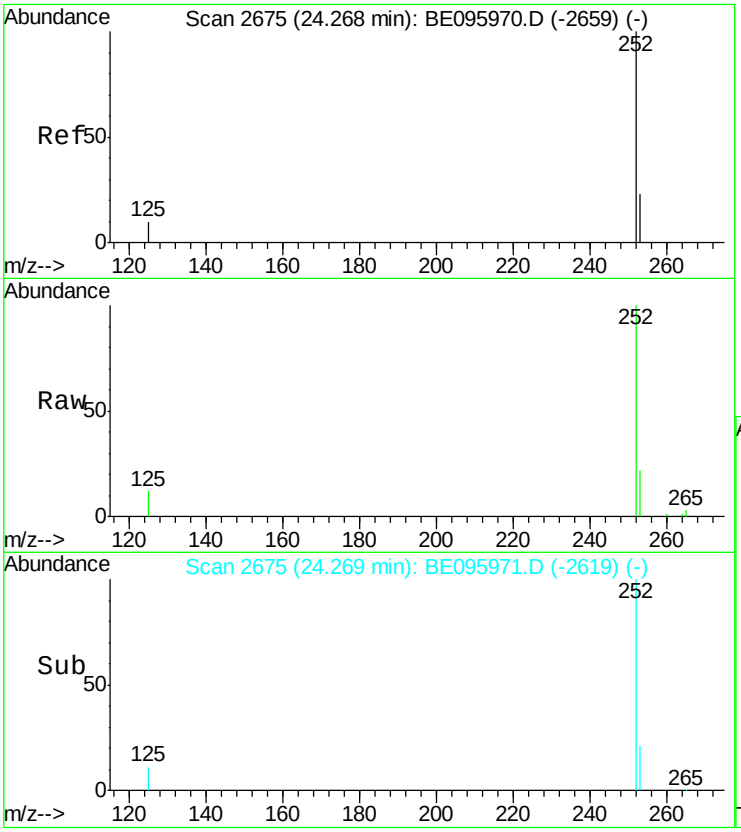


#36
Benzo(k)fluoranthene
Concen: 0.767 ng
RT: 23.63 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:252 Resp: 17722

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	10.6	8.0	12.0



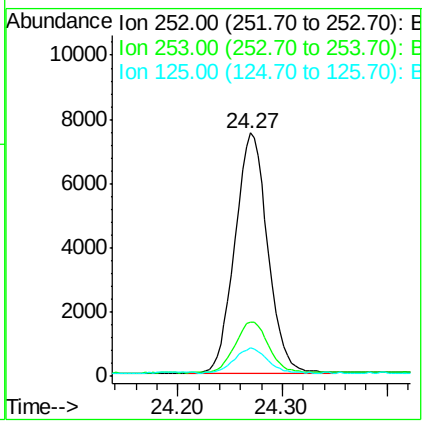


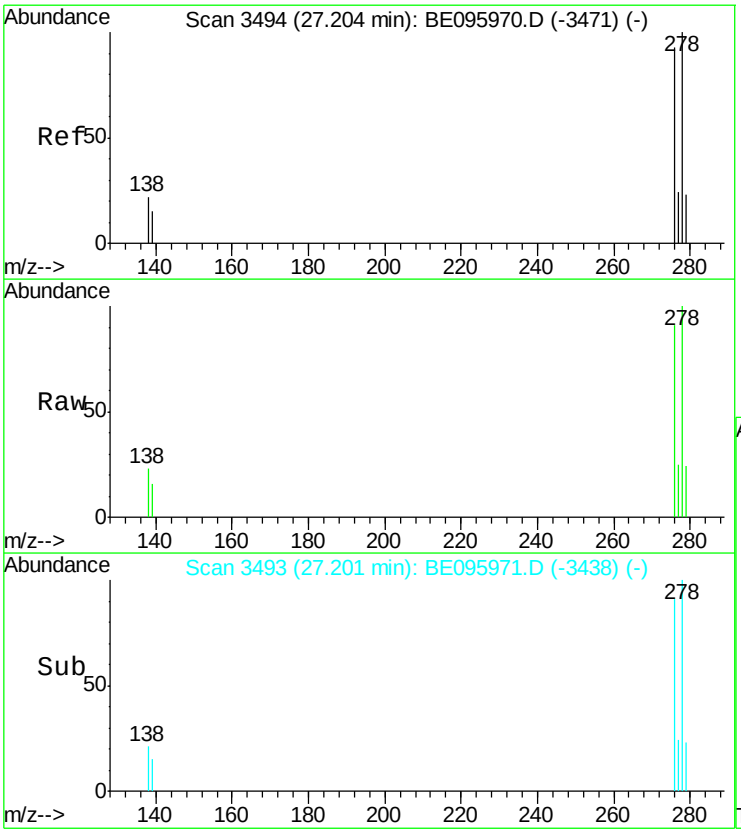
#37
Benzo(a)pyrene
Concen: 0.757 ng
RT: 24.27 min Scan# 2675
Delta R.T. 0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16393

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	11.9	12.0	18.0#

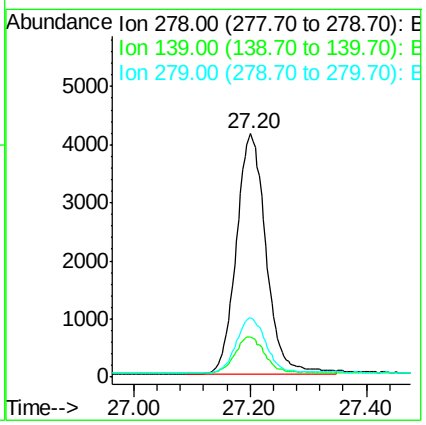


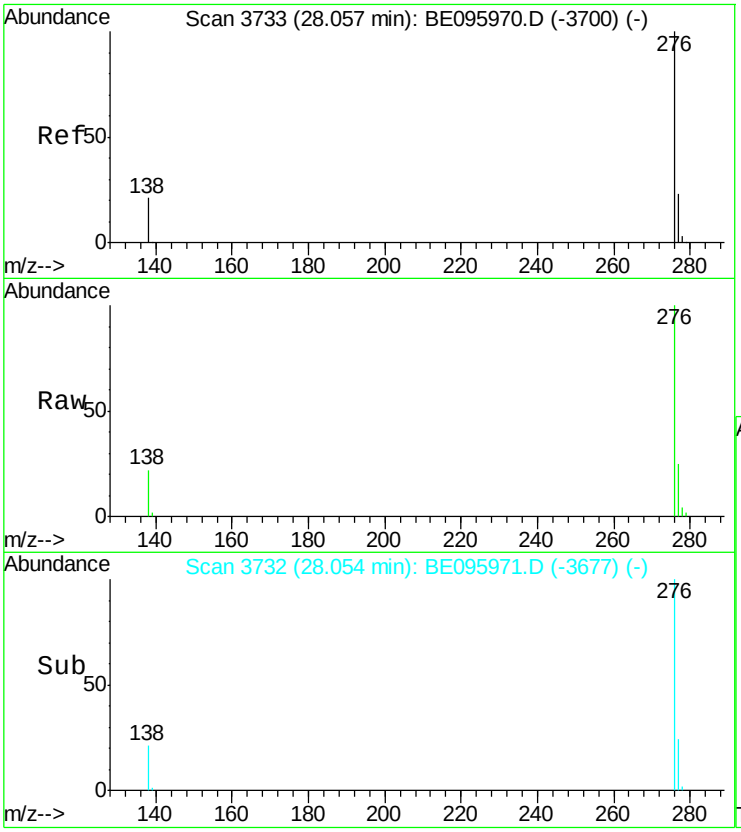


#38
Dibenzo(a,h)anthracene
Concen: 0.715 ng
RT: 27.20 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Tgt Ion:278 Resp: 14728

Ion	Ratio	Lower	Upper
278	100		
139	16.3	16.0	24.0
279	24.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.736 ng
RT: 28.05 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE095971.D
Acq: 11 Apr 2018 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15213

Ion	Ratio	Lower	Upper
276	100		
277	24.9	16.0	24.0#
138	21.8	20.0	30.0