Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095919.D
Acq On : 2 Apr 2018 10:12
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 03 03:47:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1182	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4844	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	2921	0.40	ng		-0.01
19) Phenanthrene-d10	17.70	188	6846	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	7075	0.40	ng		-0.01
34) Perylene-d12	24.42	264	6882	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	1468	0.38	ng		0.00
5) Phenol-d6	7.56	99	2199	0.41	ng		0.00
8) Nitrobenzene-d5	9.59	82	2322	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	3407	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.46	330	572	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	4979	0.40	ng		-0.01
25) Fluoranthene-d10	19.68	212	37495	0.37	ng		0.00
29) Terphenyl-d14	20.24	244	6123	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	699	0.361	ng		91
3) n-Nitrosodimethylamine	3.99	42	962	0.339	ng		89
6) bis(2-Chloroethyl)ether	7.81	93	1852	0.401	ng		94
9) Naphthalene	11.31	128	22970	0.415	ng		100
10) Hexachlorobutadiene	11.56	225	1514	0.398	ng		95
12) 2-Methylnaphthalene	12.86	142	3984	0.422	ng		94
16) Acenaphthylene	14.73	152	6915	0.414	ng		100
17) Acenaphthene	15.06	154	4113	0.404	ng		95
18) Fluorene	16.02	166	5297	0.395	ng	#	78
20) 4-Bromophenyl-phenylether	16.89	248	1678	0.408	ng	#	82
21) Hexachlorobenzene	17.02	284	1686	0.410	ng	#	81
22) Pentachlorophenol	17.36	266	412	0.396	ng	#	79
23) Phenanthrene	17.74	178	8368	0.408	ng		100
24) Anthracene	17.84	178	8348	0.407	ng		95
26) Fluoranthene	19.71	202	10670	0.375	ng		98
28) Pyrene	20.06	202	12448	0.432	ng		95
30) Benzo(a)anthracene	21.78	228	10026	0.409	ng		97
31) Chrysene	21.84	228	9422	0.421	ng		97
32) Bis(2-ethylhexyl)phthalate	21.64	149	28072	0.374	ng		99
33) Indeno(1,2,3-cd)pyrene	27.23	276	10263	0.425	ng		95
35) Benzo(b)fluoranthene	23.61	252	9368	0.411	ng	#	92
36) Benzo(k)fluoranthene	23.66	252	9550	0.419	ng	#	92
37) Benzo(a)pyrene	24.30	252	8824	0.413	ng	#	93
38) Dibenzo(a,h)anthracene	27.24	278	8310	0.410	ng		96
39) Benzo(g,h,i)perylene	28.11	276	8520	0.418	ng	#	90

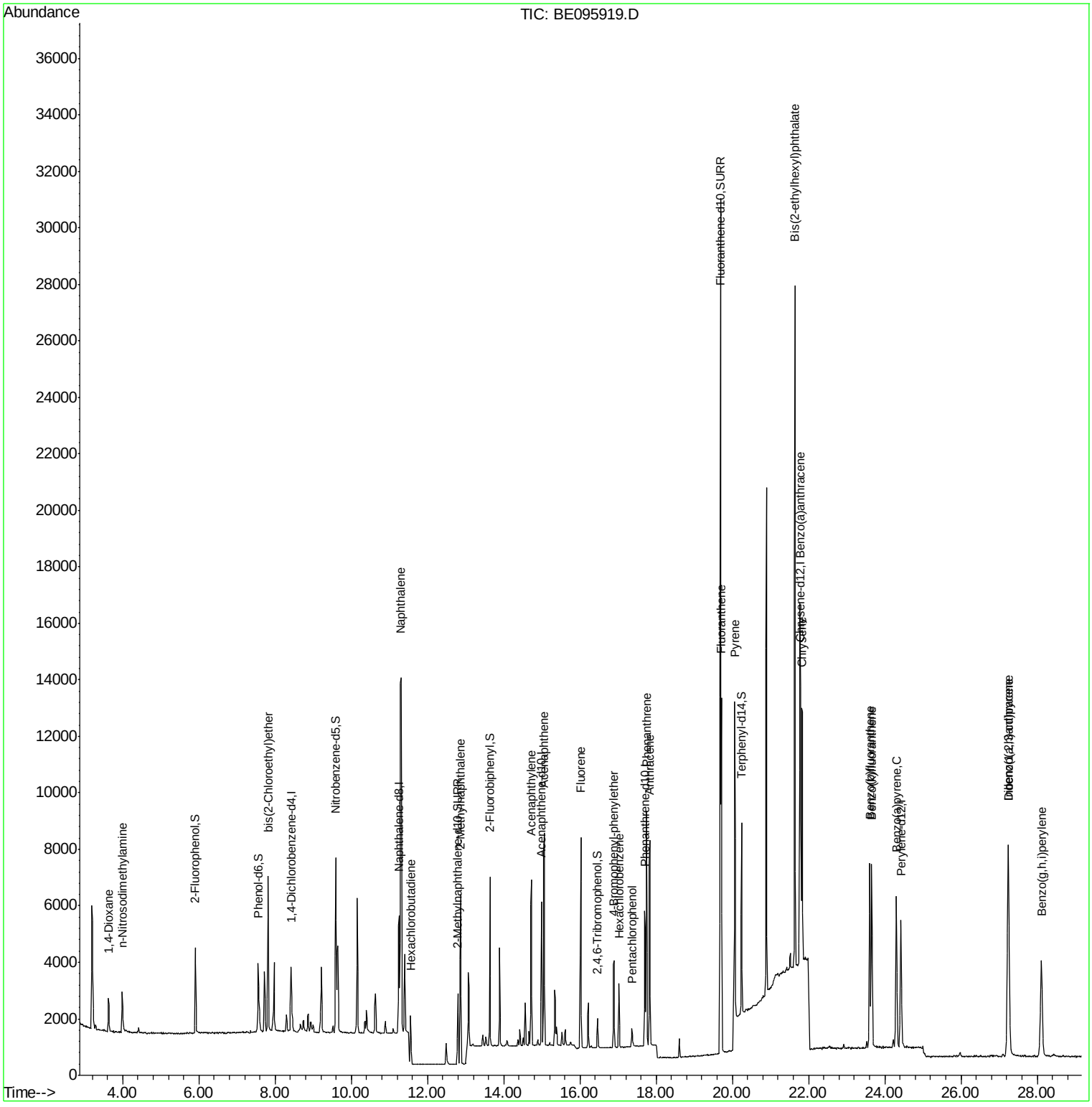
(#) = qualifier out of range (m) = manual integration (+) = signals summed

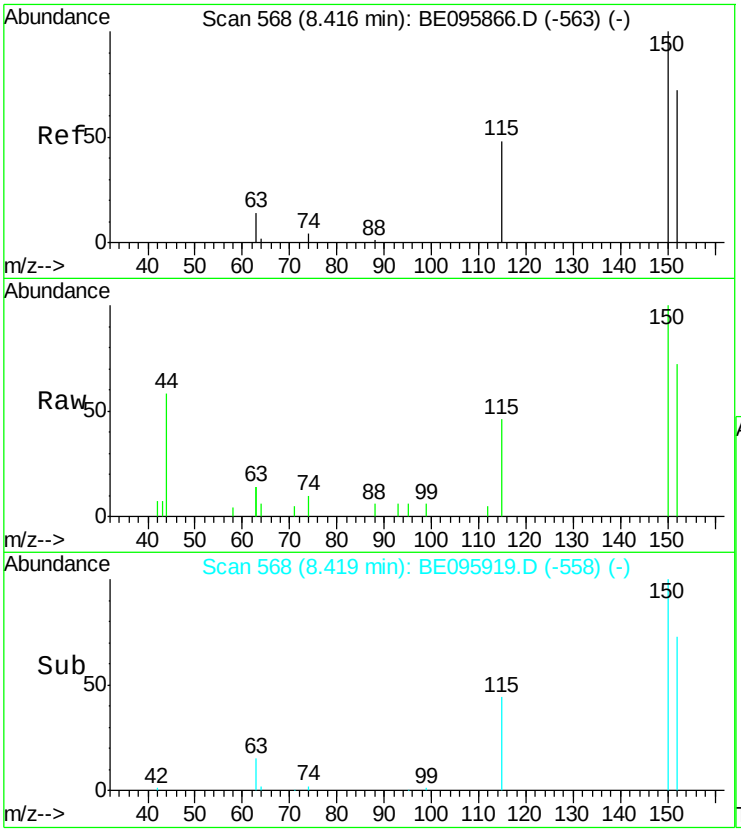
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040218\
Data File : BE095919.D
Acq On : 2 Apr 2018 10:12
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 03 03:47:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



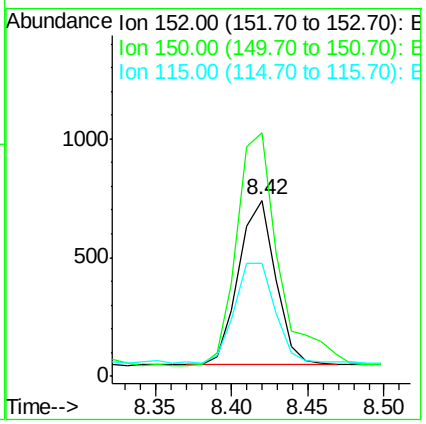


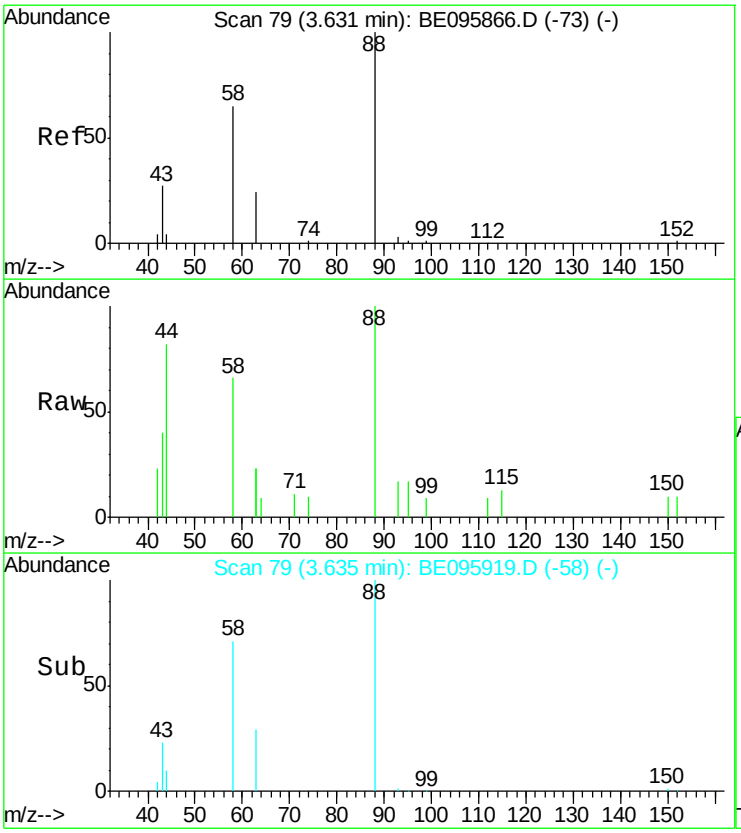
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1182

Ion	Ratio	Lower	Upper
152	100		
150	138.1	117.2	175.8
115	64.2	57.0	85.6

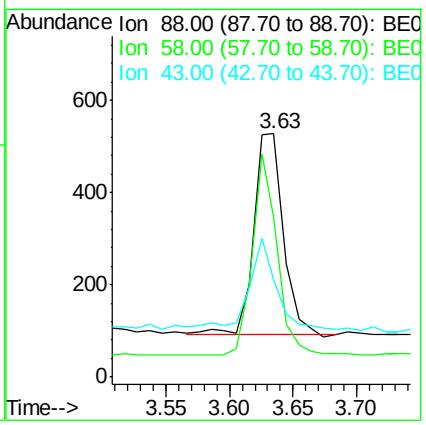


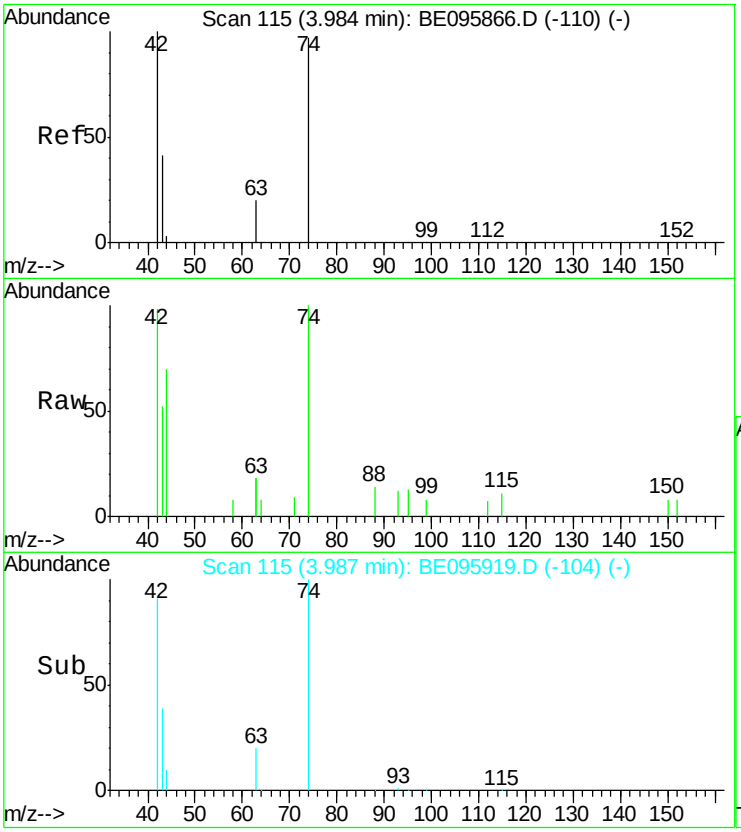


#2
1,4-Dioxane
Concen: 0.361 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion: 88 Resp: 699

Ion	Ratio	Lower	Upper
88	100		
58	85.0	63.2	94.8
43	43.5	41.2	61.8



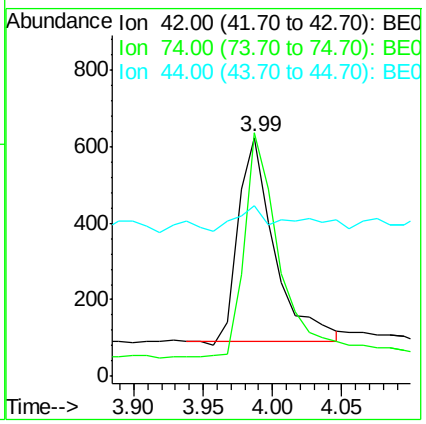


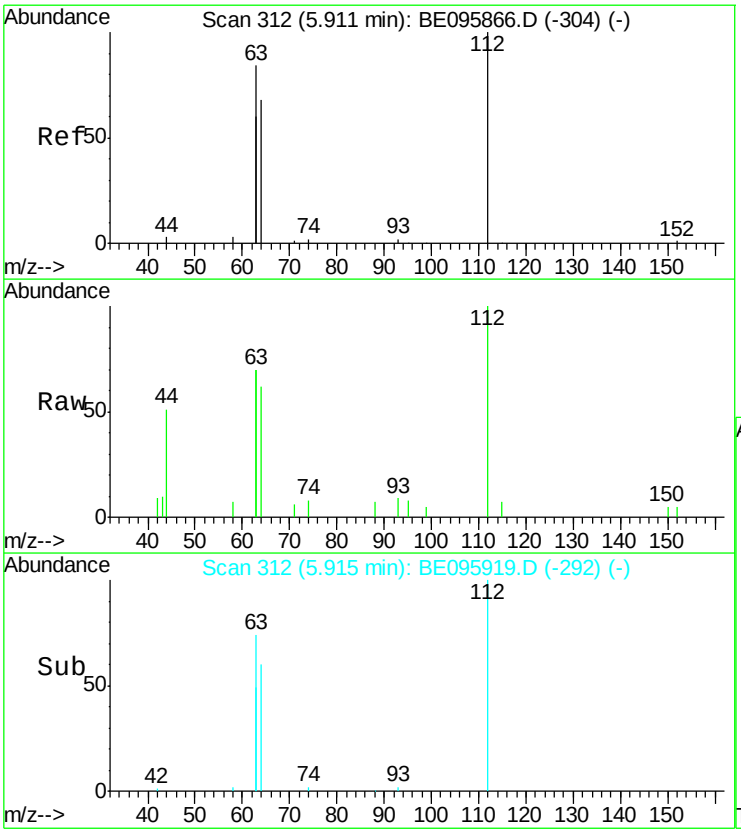
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 962

Ion	Ratio	Lower	Upper
42	100		
74	107.5	96.0	144.0
44	12.6	12.0	18.0

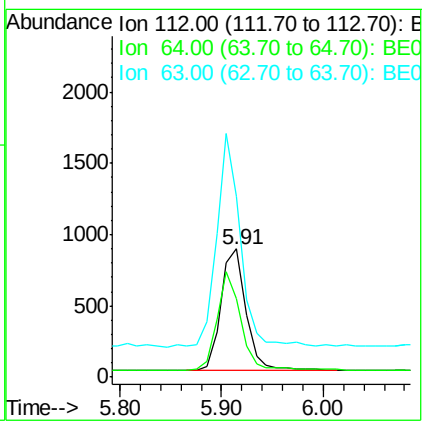


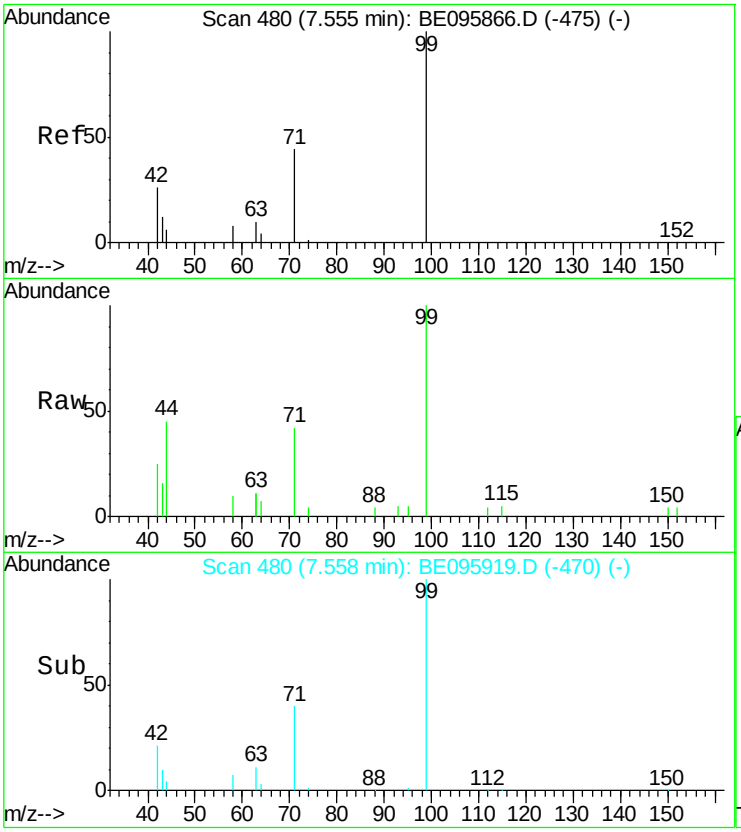


#4
2-Fluorophenol
Concen: 0.377 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:112 Resp: 1468

Ion	Ratio	Lower	Upper
112	100		
64	78.0	60.1	90.1
63	163.9	116.8	175.2



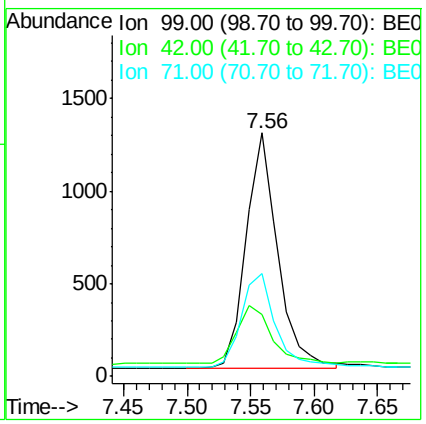


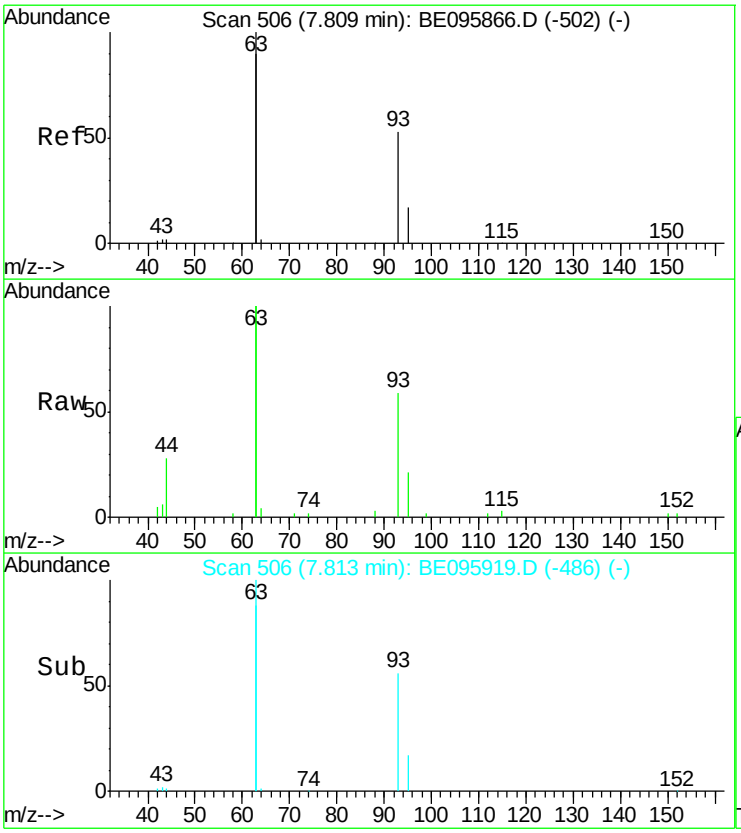
#5
Phenol-d6
Concen: 0.410 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2199

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.2	30.2
71	42.7	28.4	42.6#

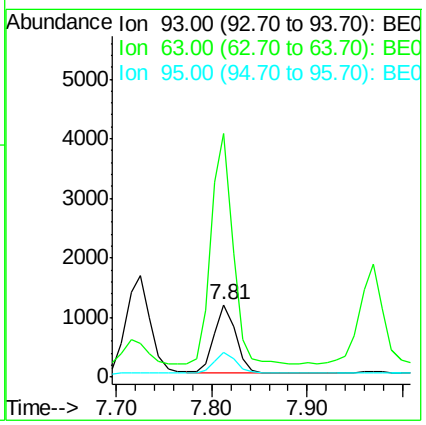


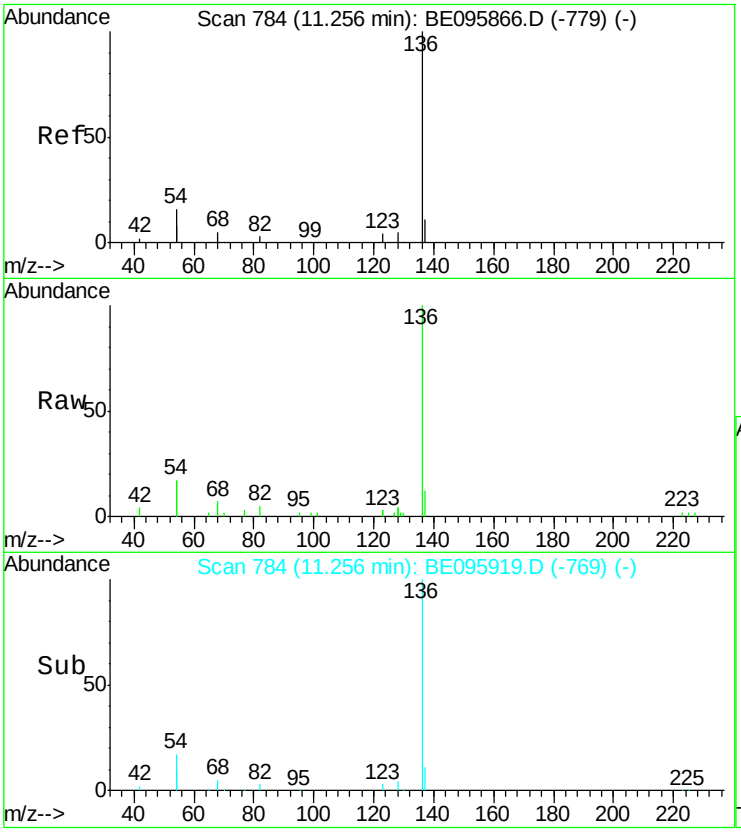


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion: 93 Resp: 1852

Ion	Ratio	Lower	Upper
93	100		
63	330.6	275.3	412.9
95	31.3	25.2	37.8

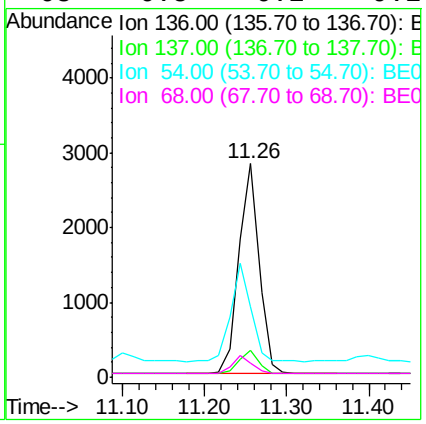




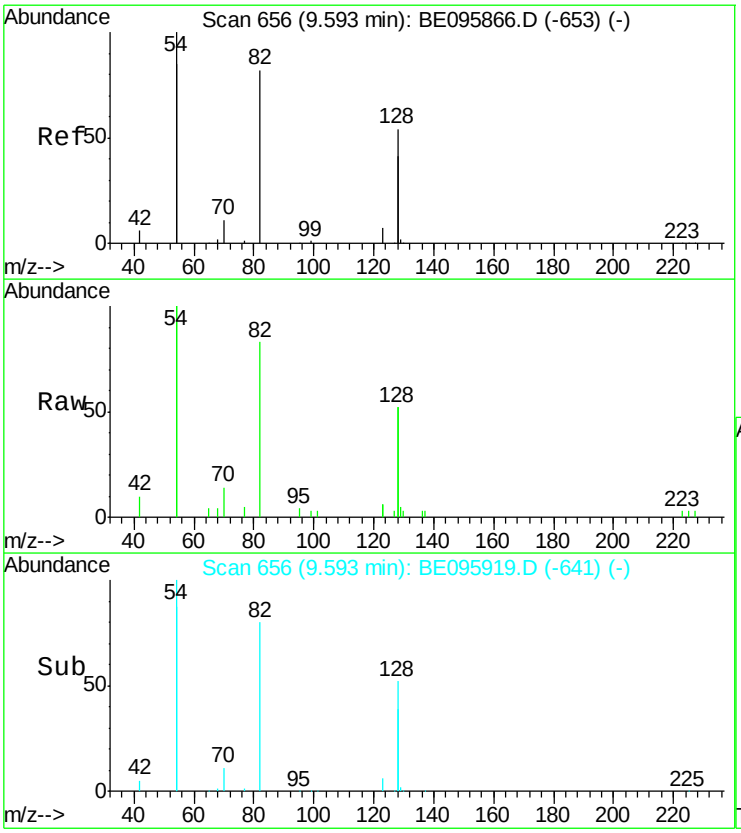
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:136 Resp: 4844

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	33.1	29.1	43.7
68	6.5	6.2	9.2



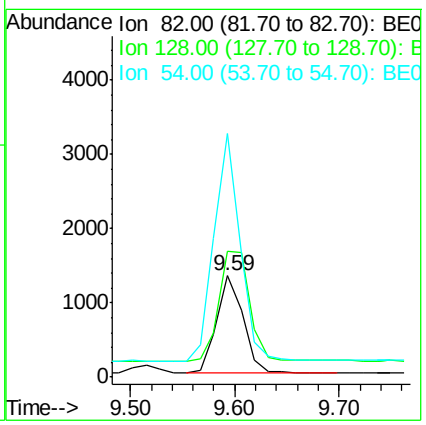
Instrument :
BNA_E
ClientSampleId :

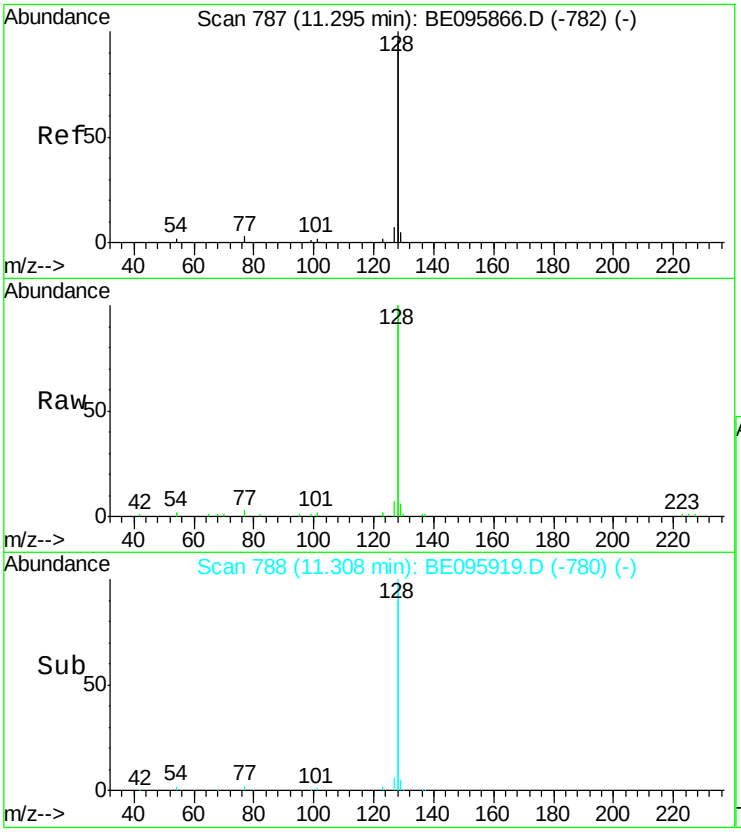


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion: 82 Resp: 2322

Ion	Ratio	Lower	Upper
82	100		
128	123.9	150.0	225.0#
54	239.9	154.2	231.4#



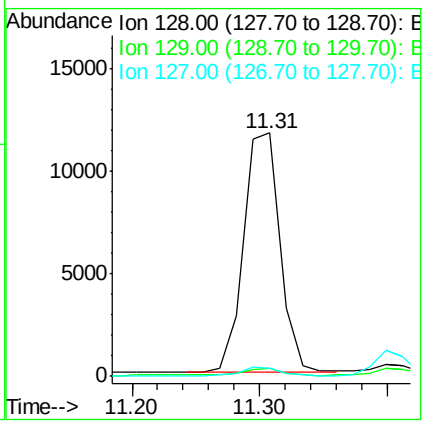


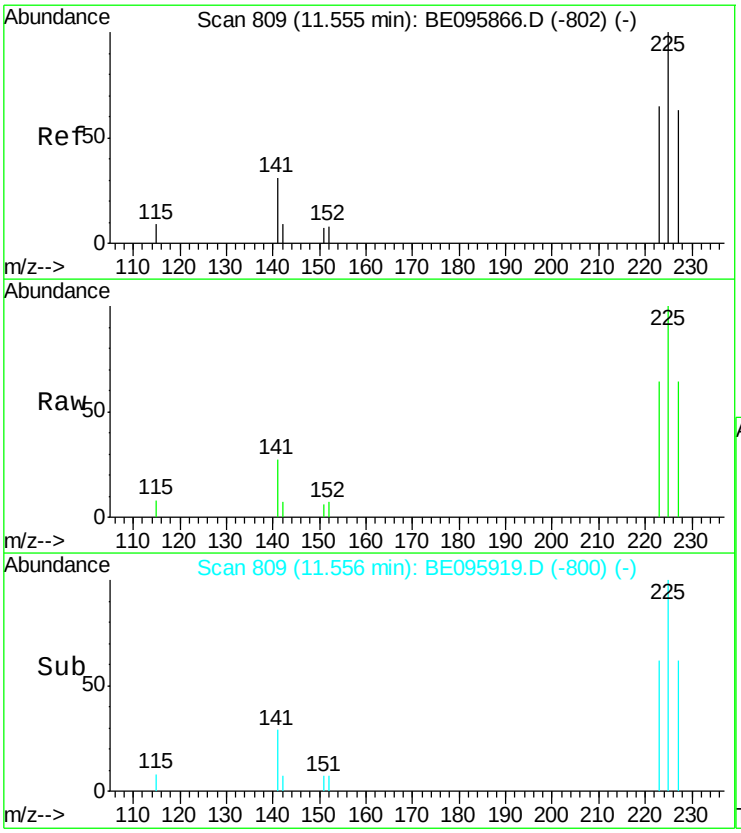
#9
Naphthalene
Concen: 0.415 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22970

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	2.8	4.2

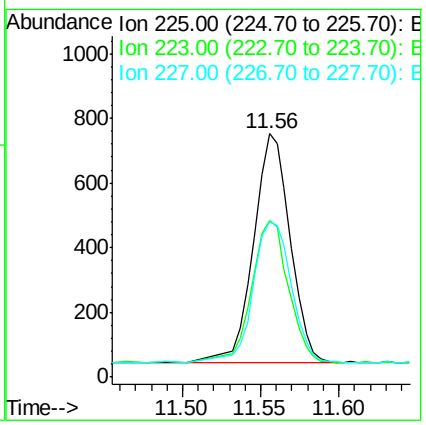


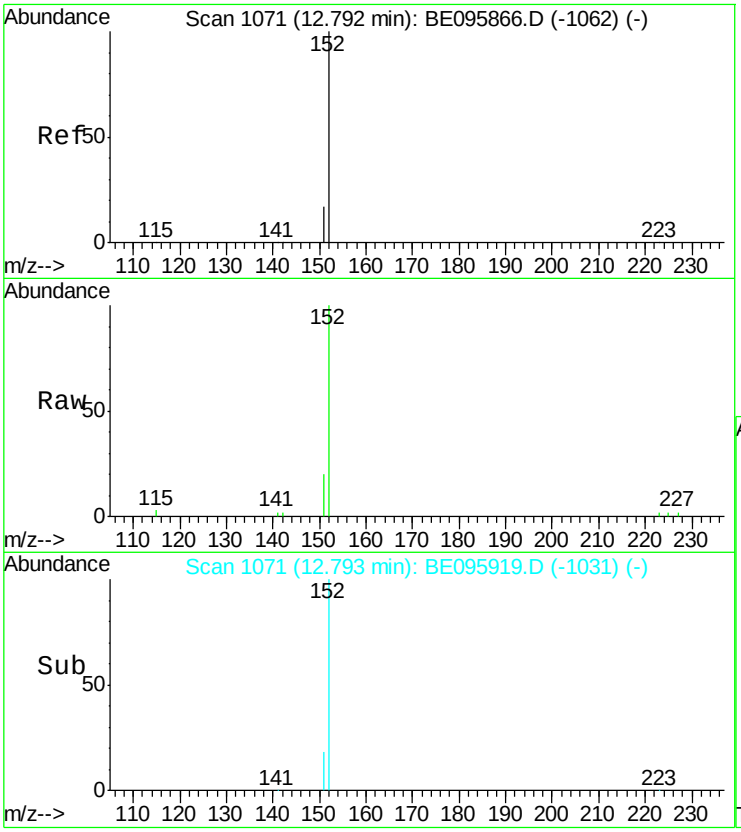


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 11.56 min Scan# 809
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:225 Resp: 1514

Ion	Ratio	Lower	Upper
225	100		
223	61.4	53.0	79.6
227	61.6	51.4	77.2



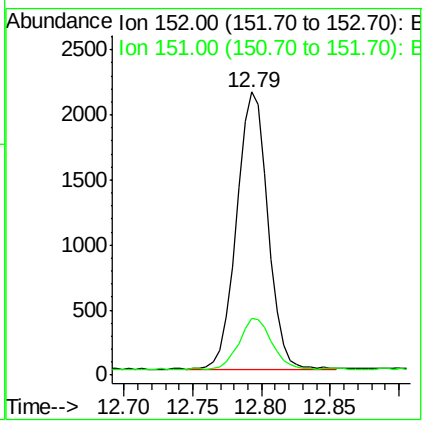


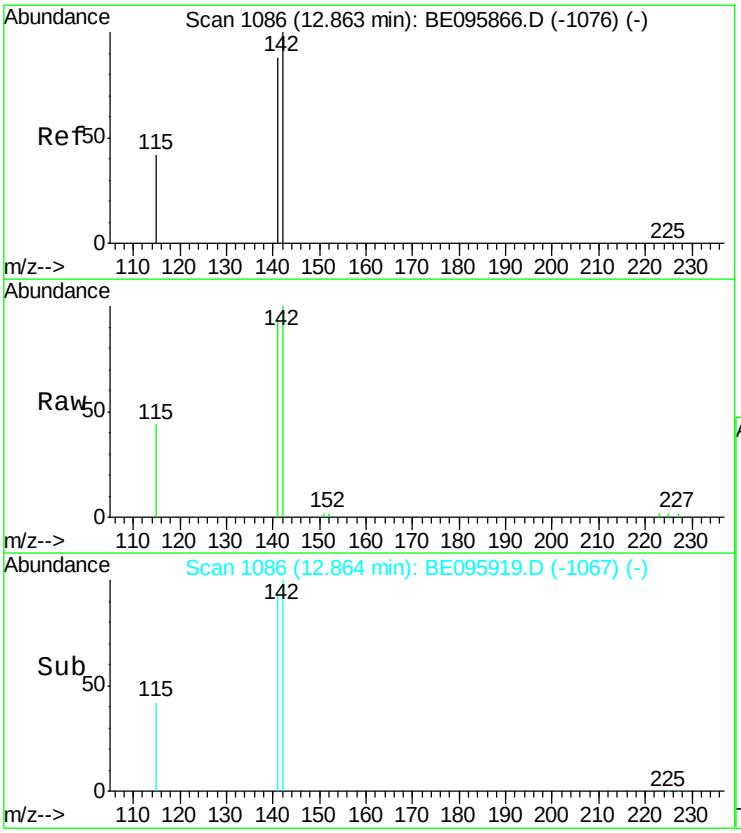
#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3407

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

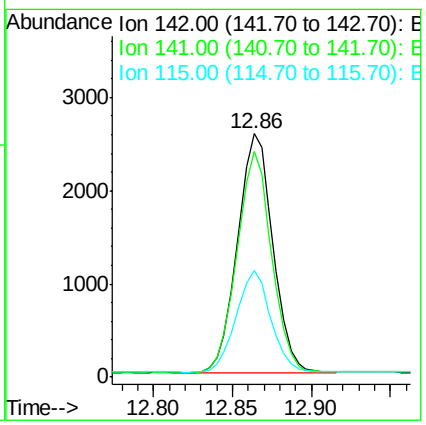


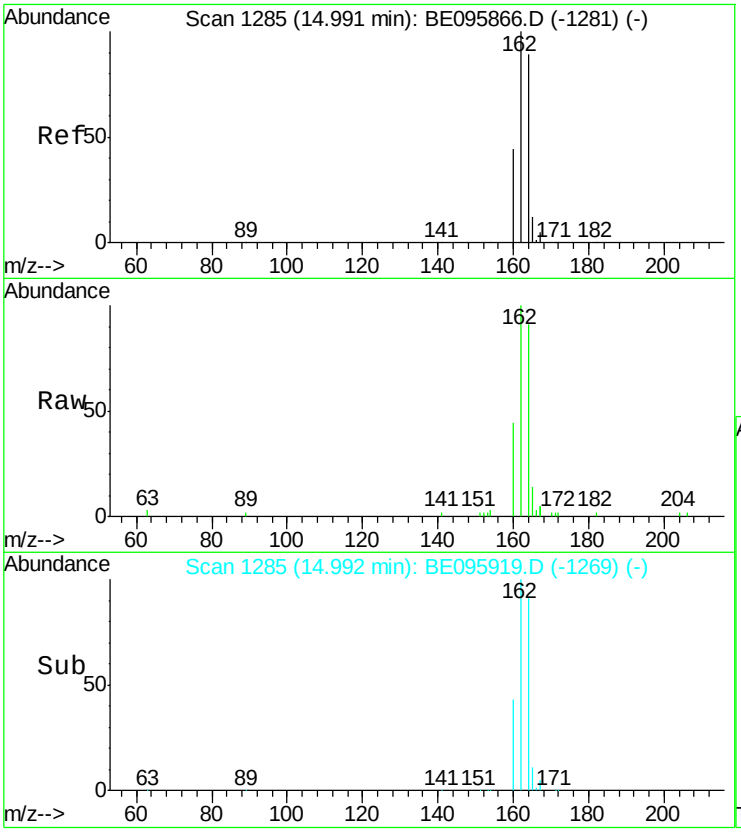


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:142 Resp: 3984

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	43.6	31.7	47.5



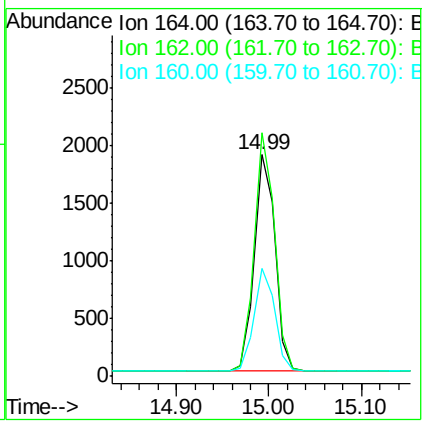


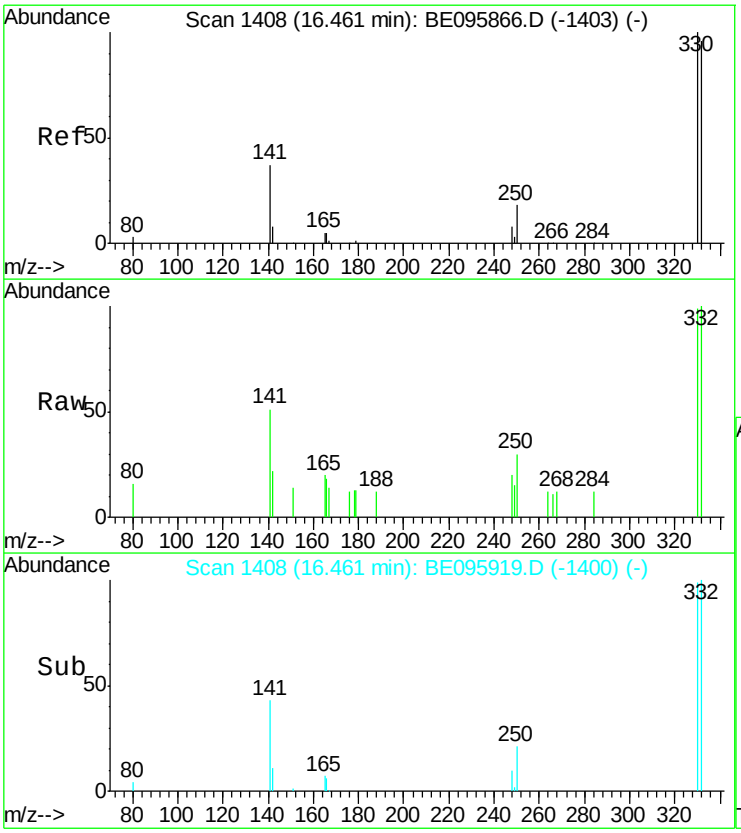
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2921

Ion	Ratio	Lower	Upper
164	100		
162	109.9	83.1	124.7
160	48.8	37.1	55.7

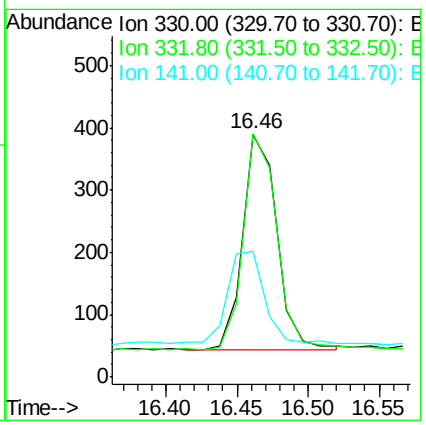


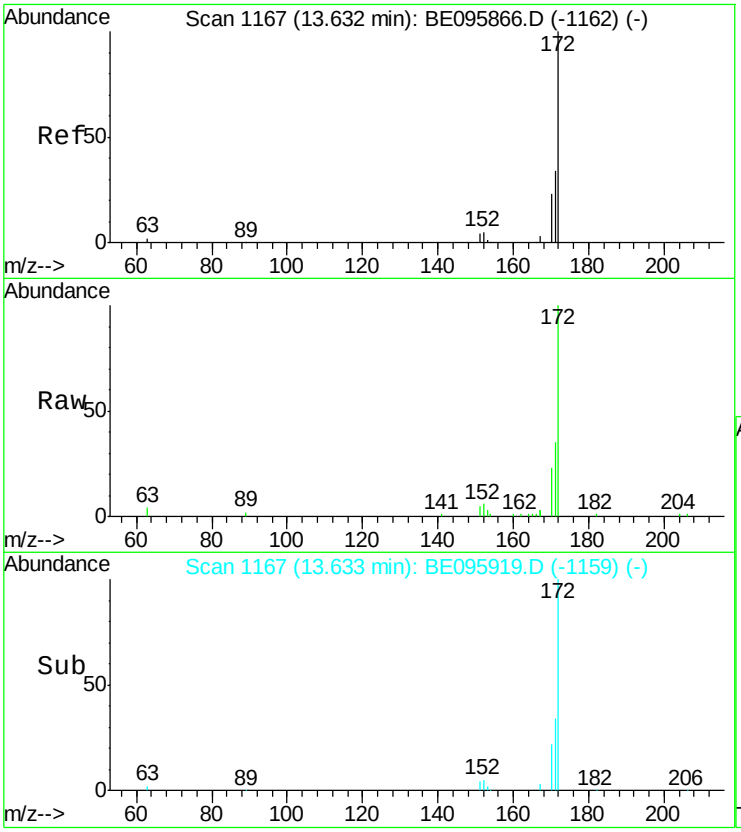


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:330 Resp: 572

Ion	Ratio	Lower	Upper
330	100		
332	98.8	152.7	229.1#
141	47.0	33.7	50.5



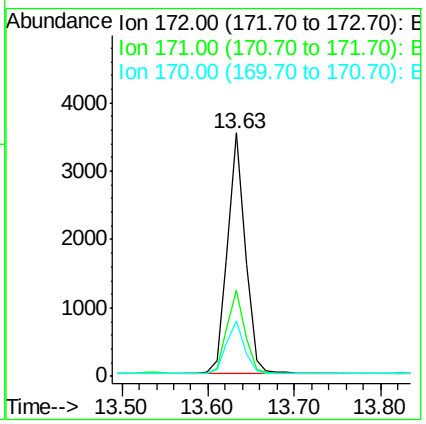


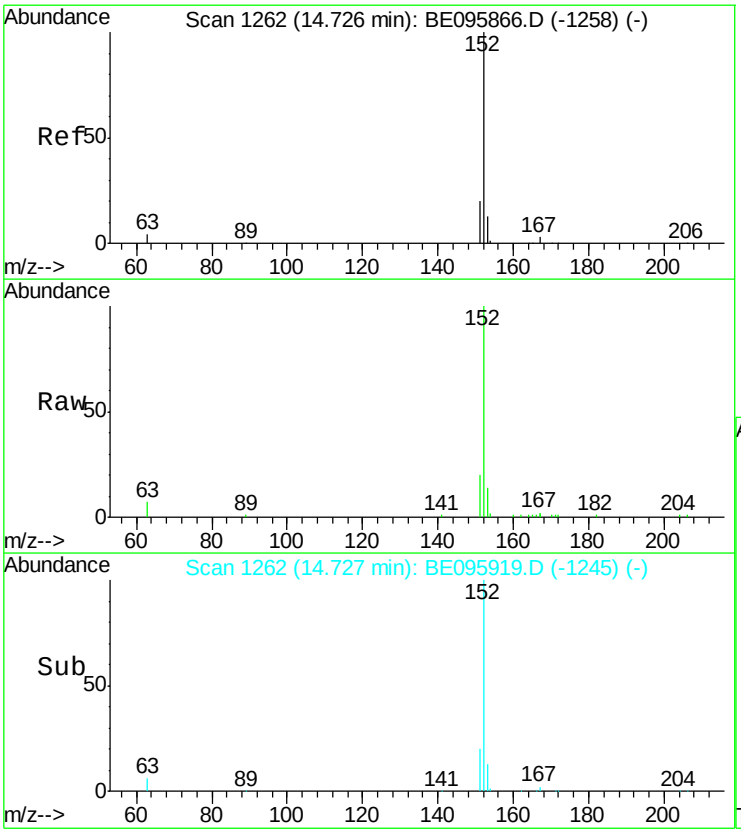
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4979

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	22.7	21.8	32.8

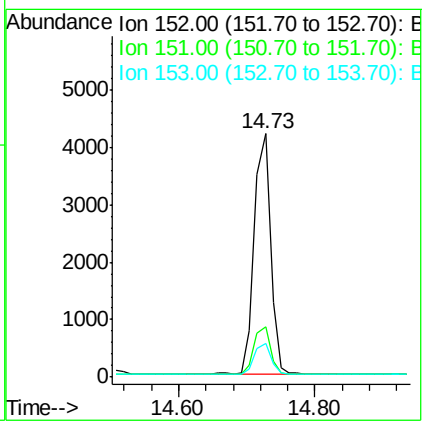


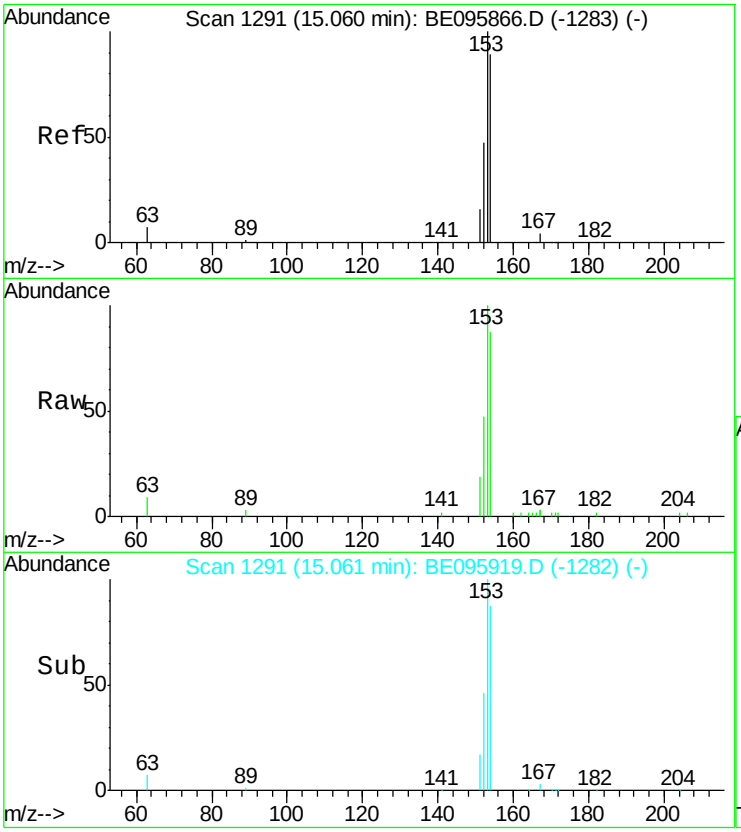


#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.73 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:152 Resp: 6915

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7



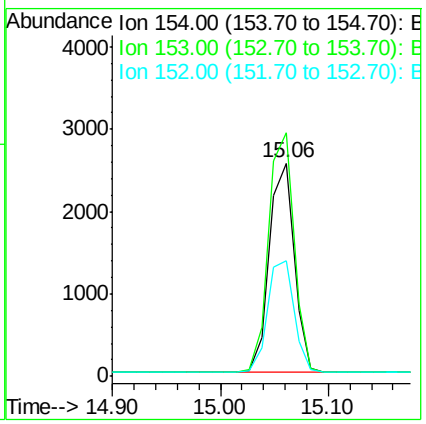


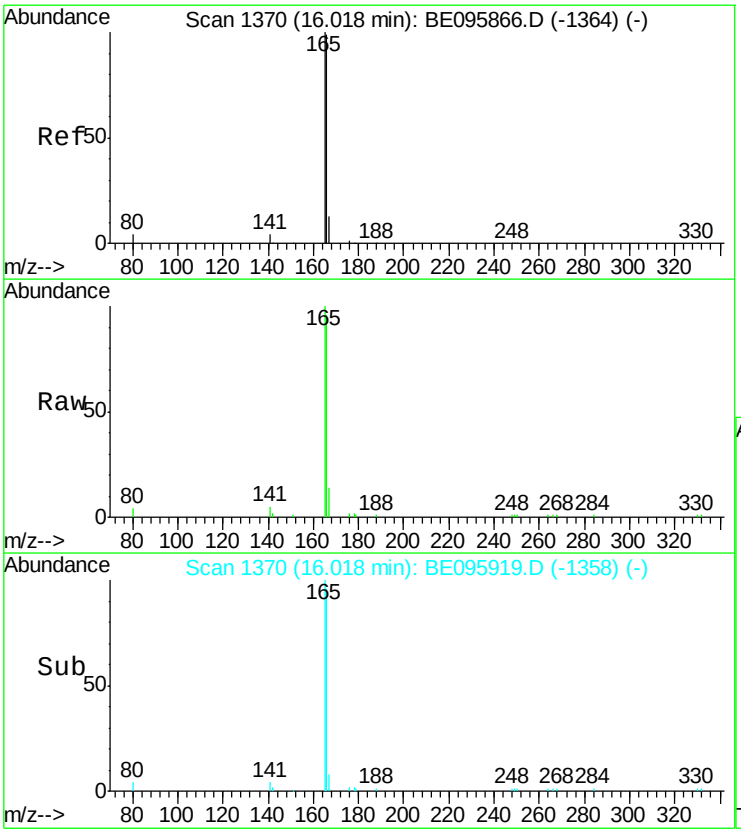
#17
Acenaphthene
Concen: 0.404 ng
RT: 15.06 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4113

Ion	Ratio	Lower	Upper
154	100		
153	116.9	89.2	133.8
152	56.6	42.0	63.0

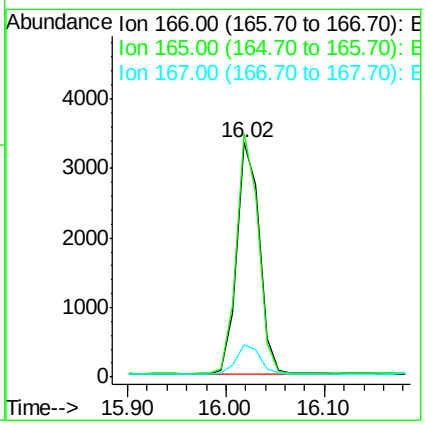


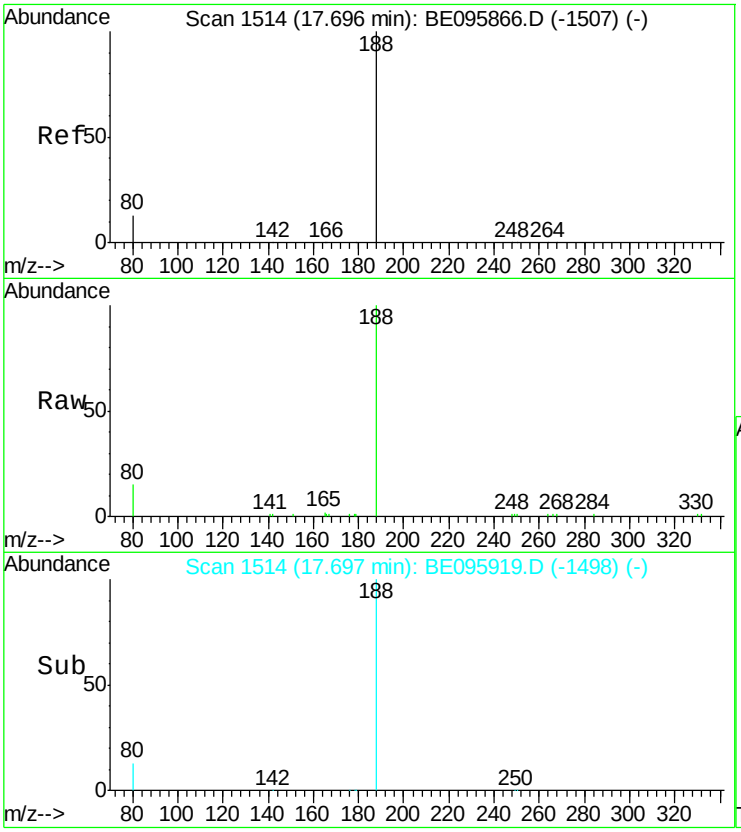


#18
Fluorene
Concen: 0.395 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:166 Resp: 5297

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	13.1	42.4	63.6#



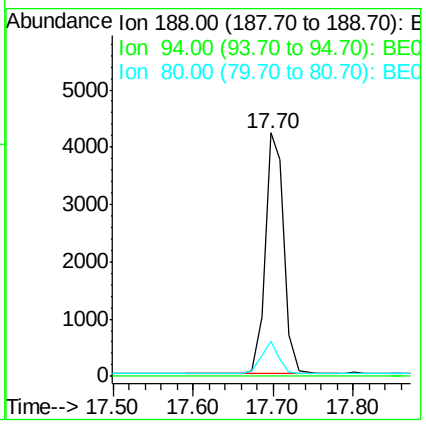


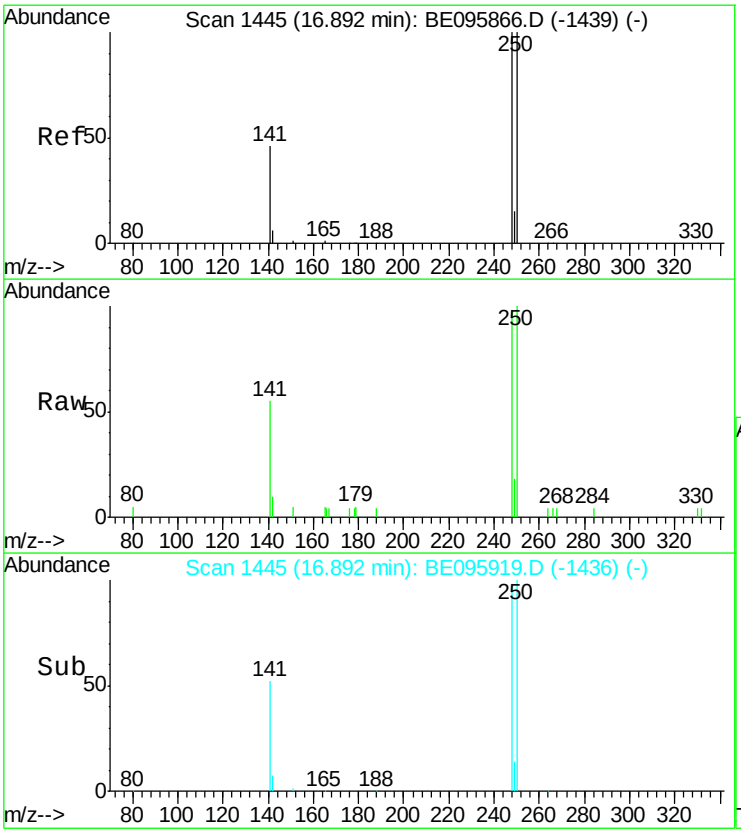
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6846

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.6	3.6	5.4#

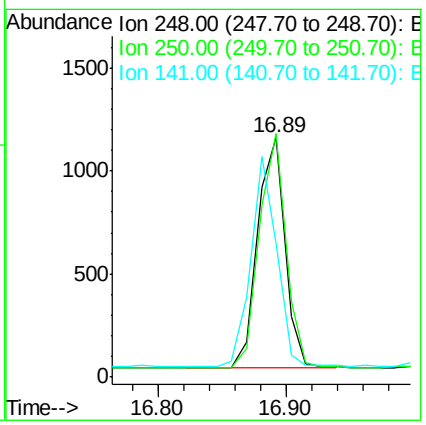


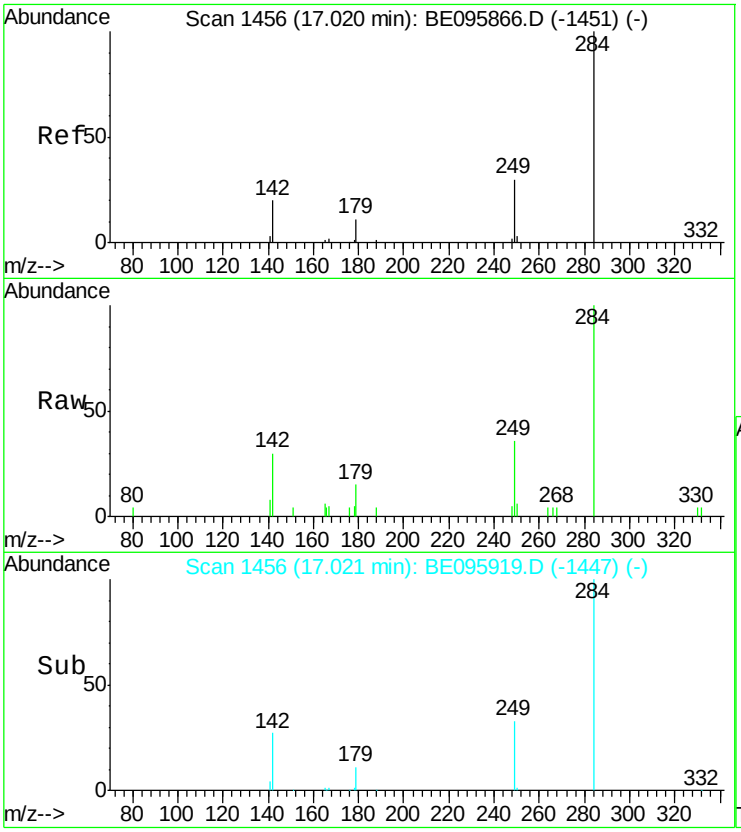


#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.89 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:248 Resp: 1678

Ion	Ratio	Lower	Upper
248	100		
250	101.6	62.7	94.1#
141	55.5	48.2	72.2



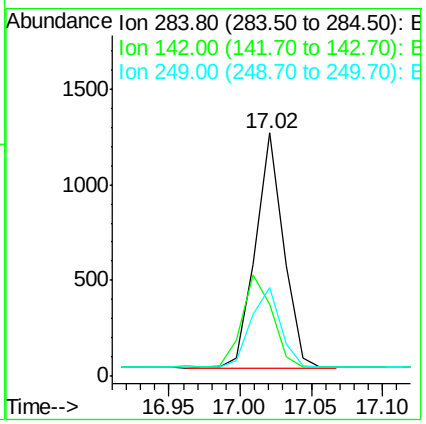


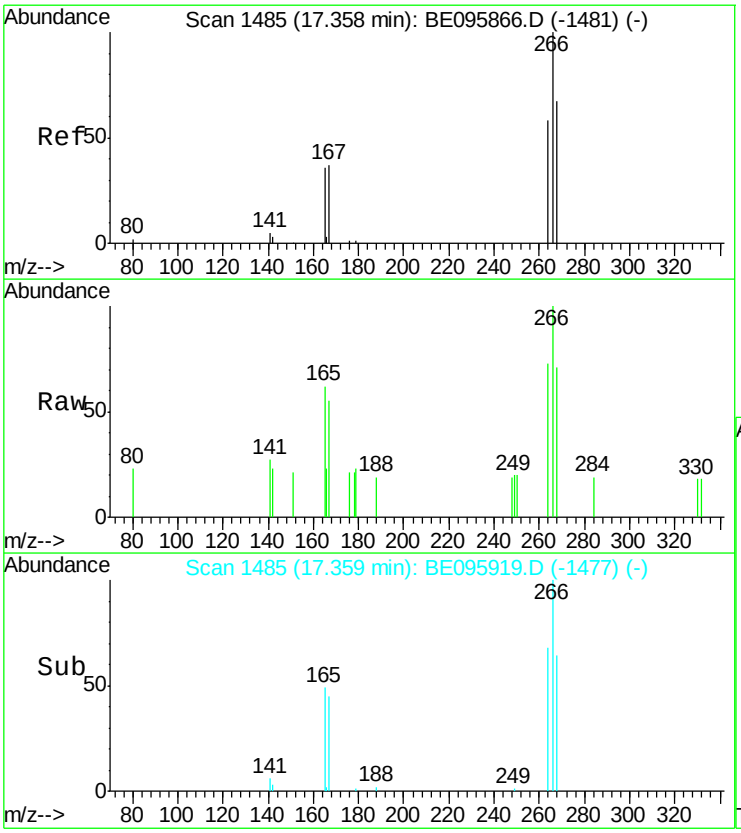
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 17.02 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1686

Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.1	33.1#
249	35.8	34.8	52.2

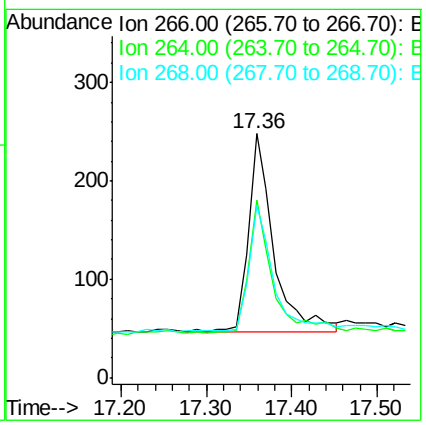


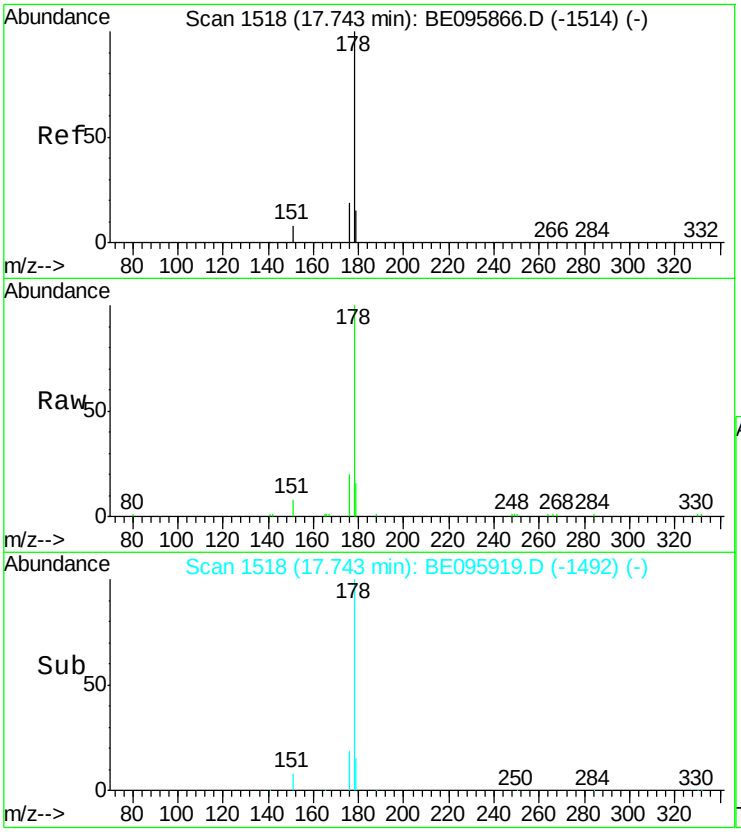


#22
Pentachlorophenol
Concen: 0.396 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:266 Resp: 412

Ion	Ratio	Lower	Upper
266	100		
264	73.0	72.5	108.7
268	70.6	73.8	110.6#



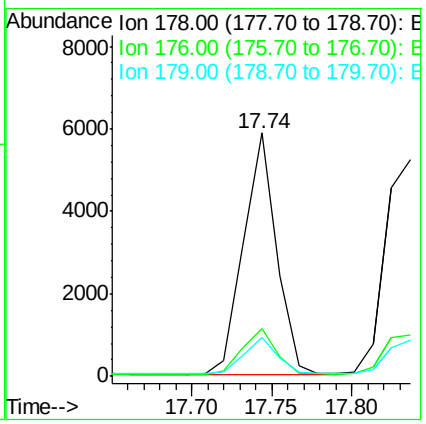


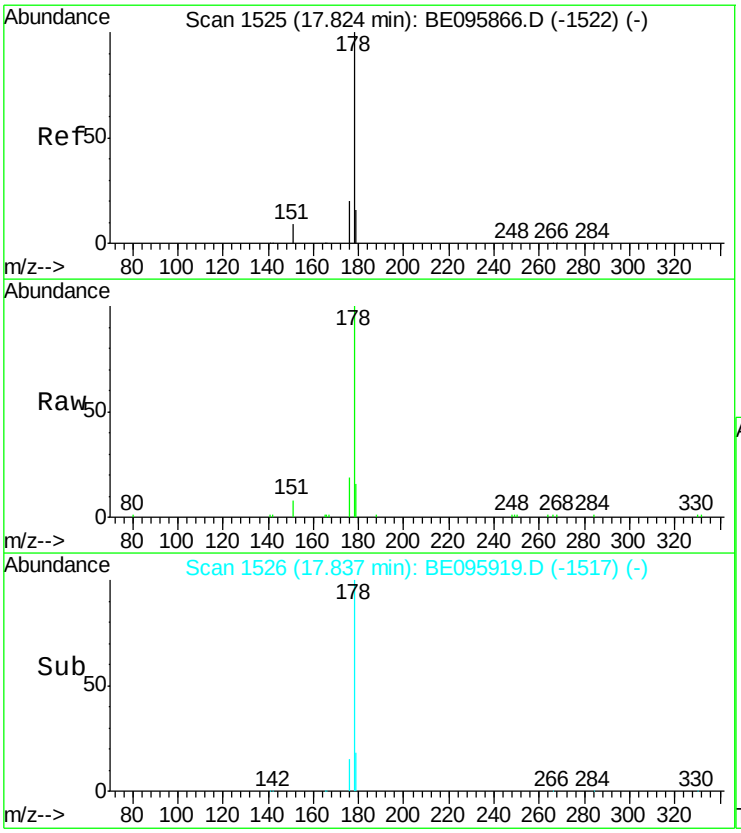
#23
Phenanthrene
Concen: 0.408 ng
RT: 17.74 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8368

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	14.9	11.8	17.6

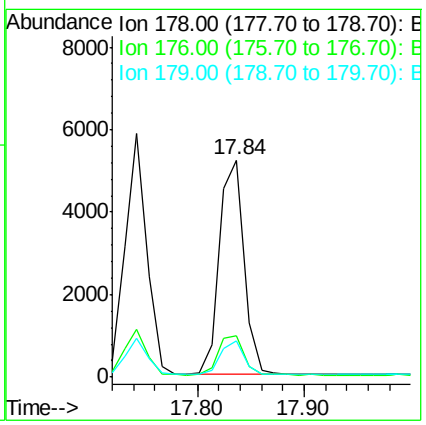


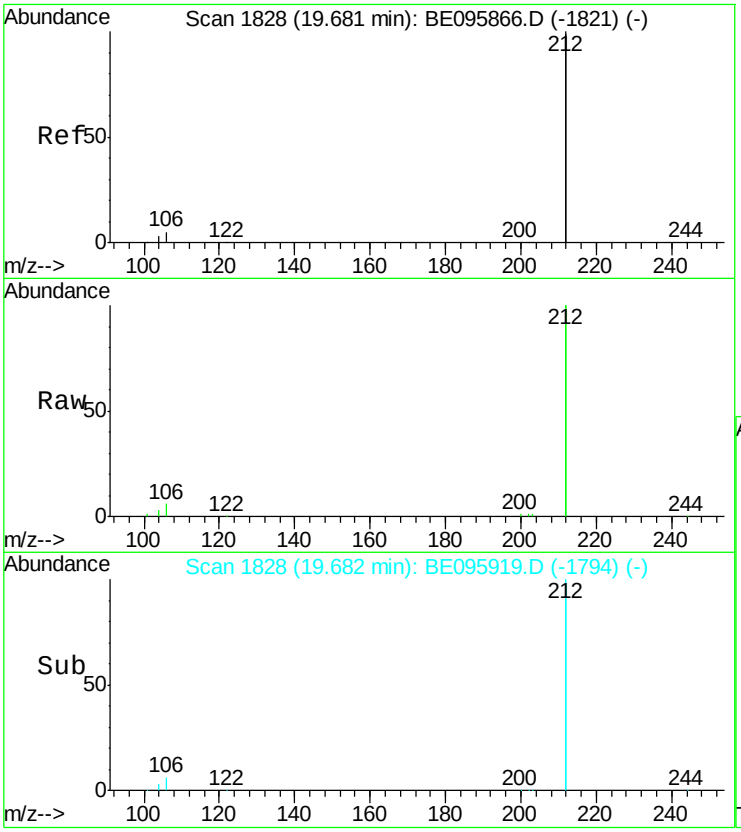


#24
Anthracene
Concen: 0.407 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:178 Resp: 8348

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	14.5	13.0	19.6



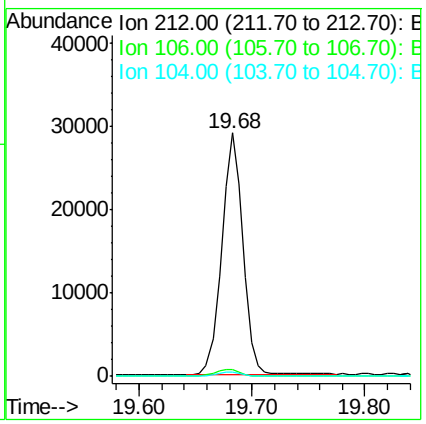


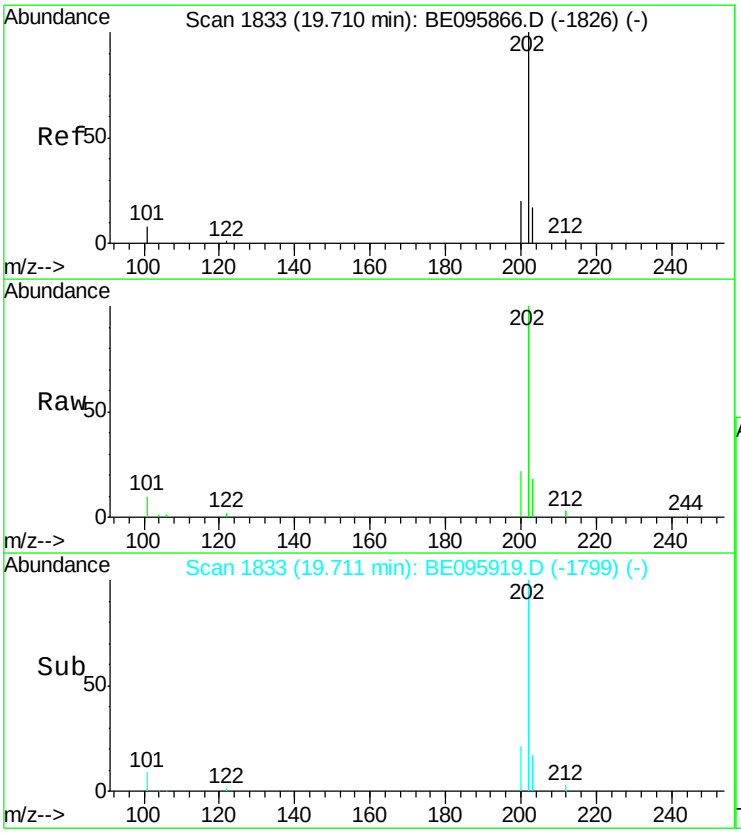
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37495

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

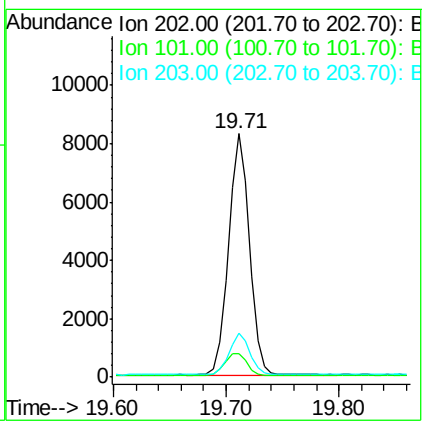


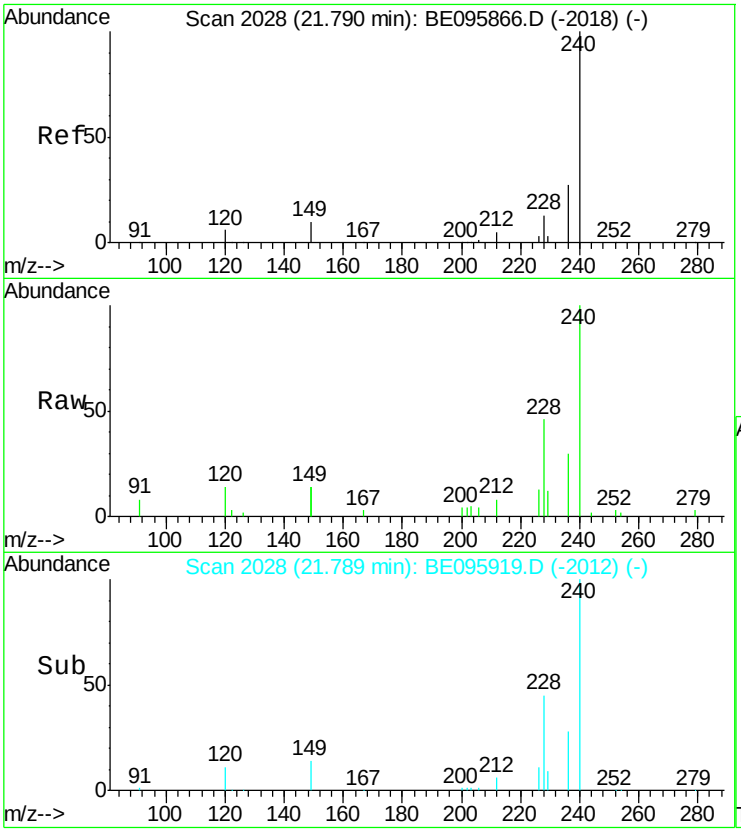


#26
Fluoranthene
Concen: 0.375 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:202 Resp: 10670

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



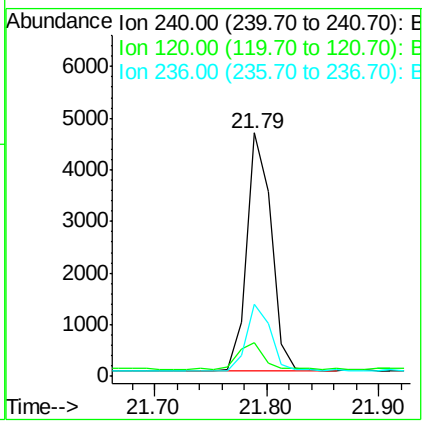


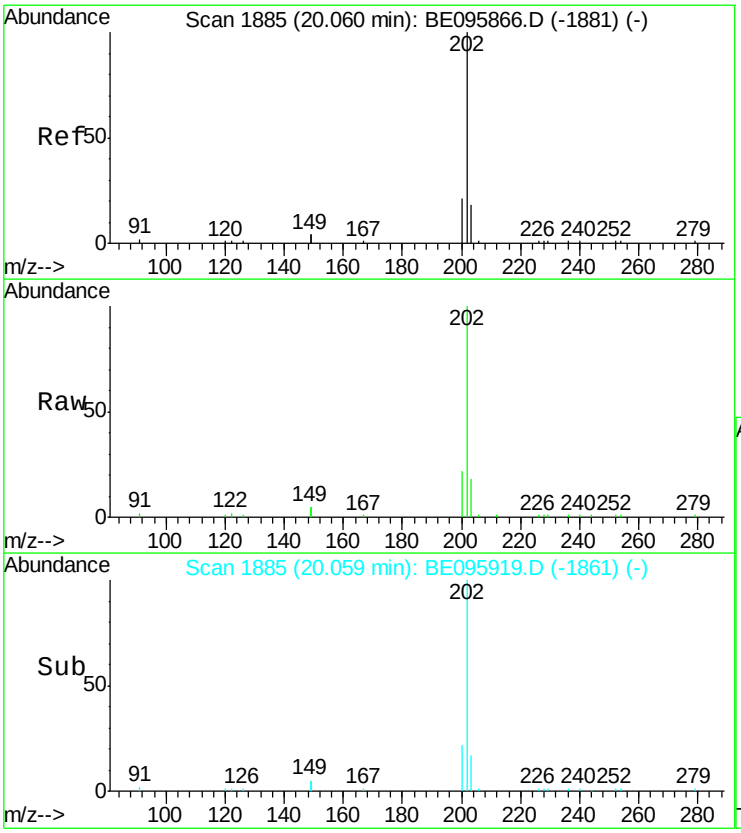
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7075

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.5	8.3#
236	29.6	20.7	31.1

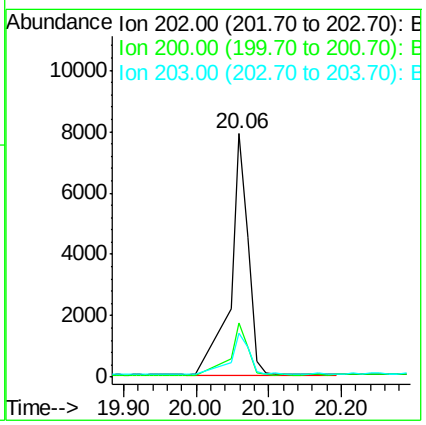


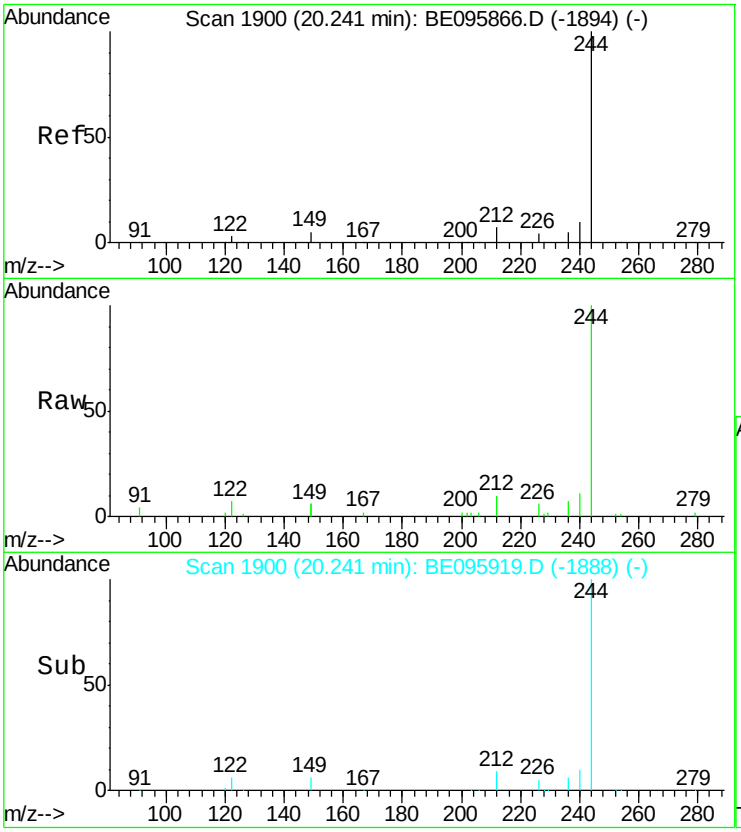


#28
Pyrene
Concen: 0.432 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:202 Resp: 12448

Ion	Ratio	Lower	Upper
202	100		
200	24.2	16.6	25.0
203	16.7	13.8	20.8



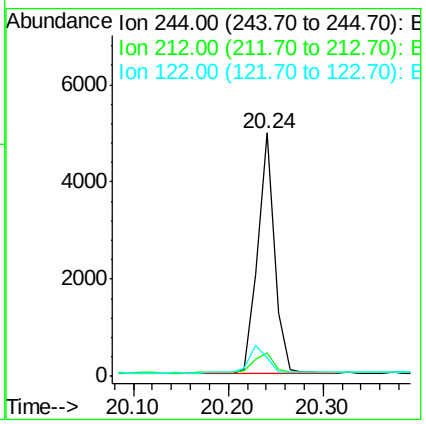


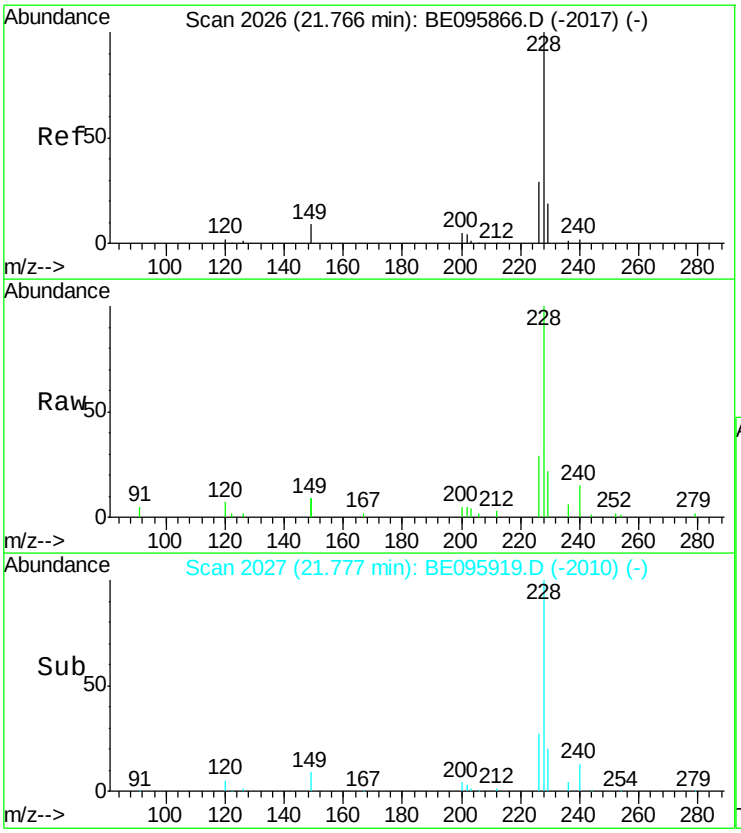
#29
Terphenyl-d14
Concen: 0.408 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6123

Ion	Ratio	Lower	Upper
244	100		
212	9.9	25.4	38.0#
122	7.4	8.1	12.1#

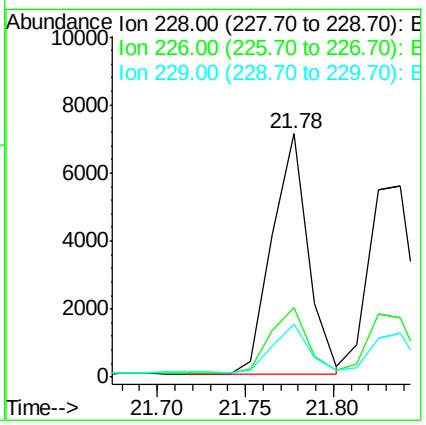


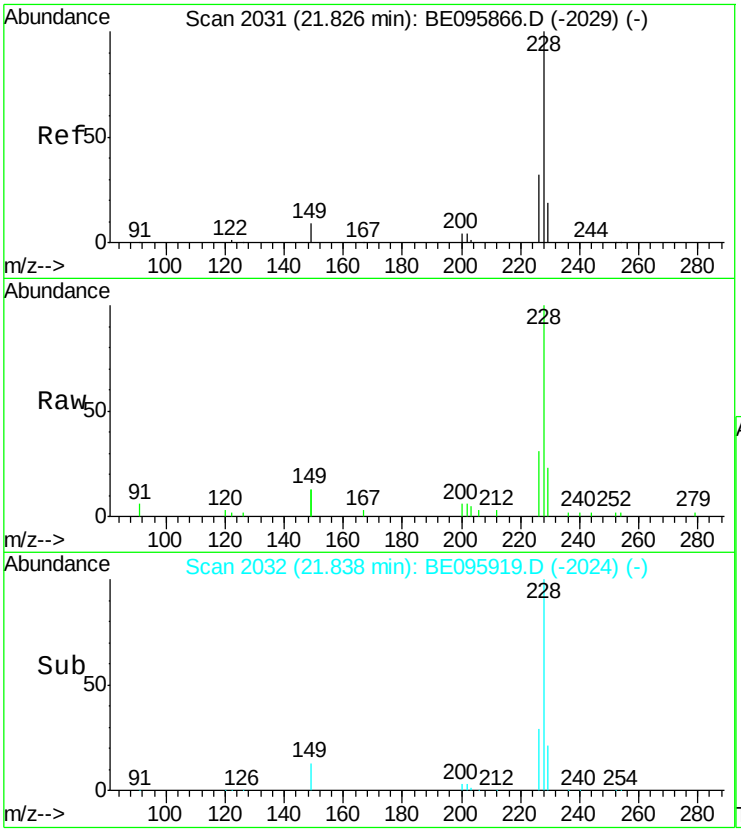


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:228 Resp: 10026

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	21.7	16.0	24.0



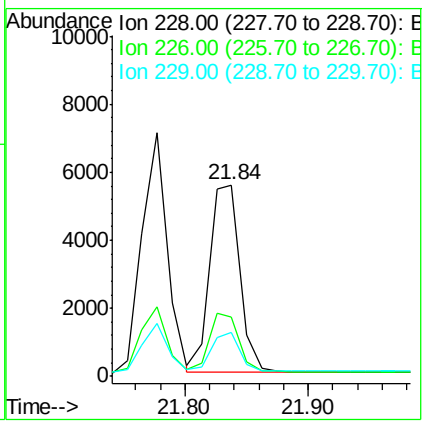


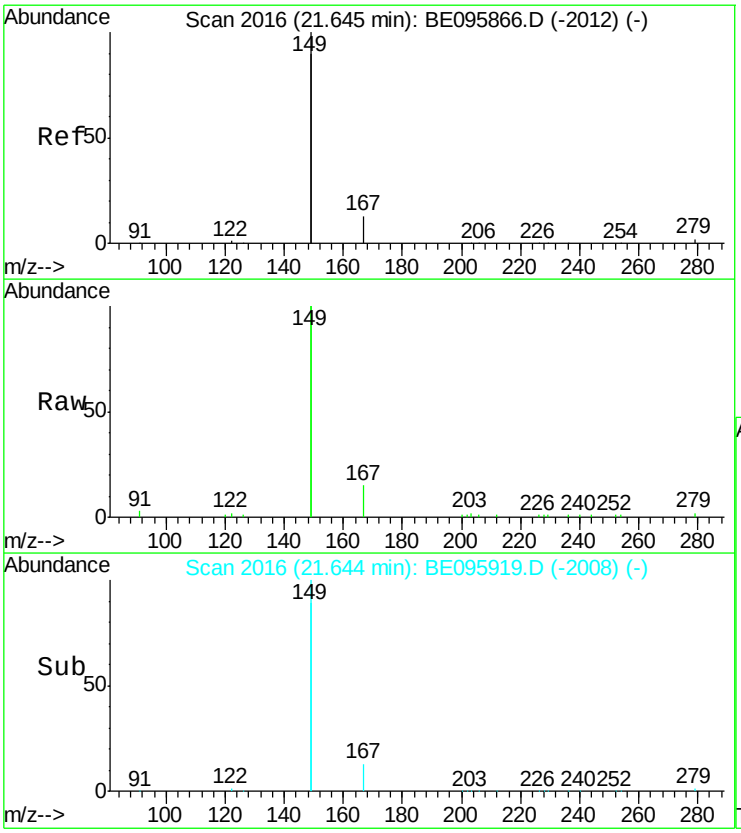
#31
Chrysene
Concen: 0.421 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9422

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.6	16.0	24.0

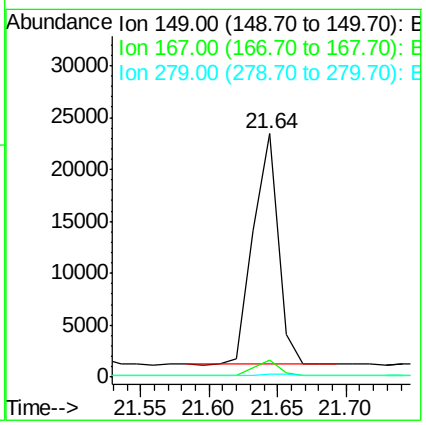


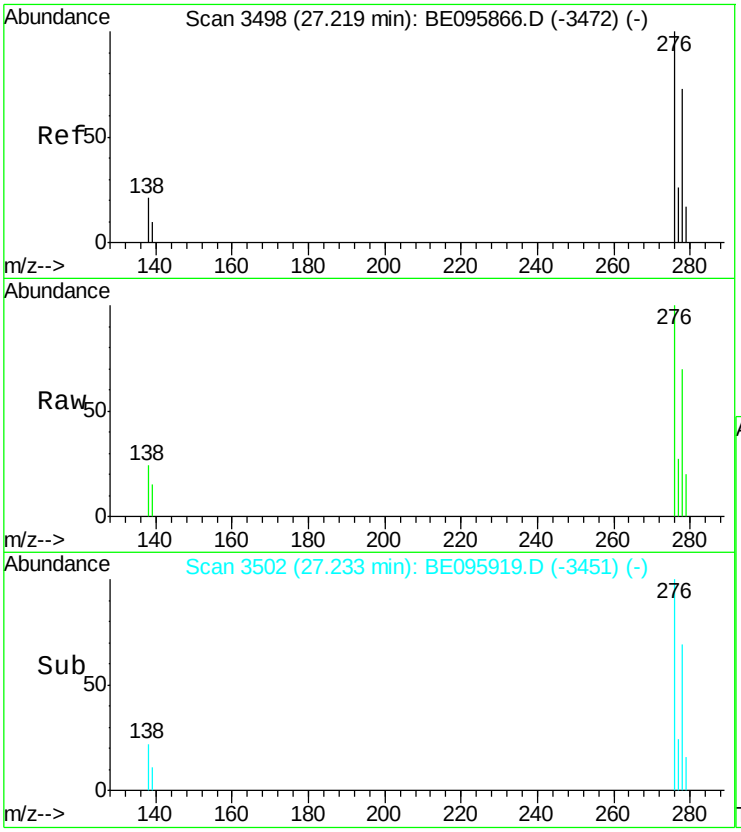


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.374 ng
RT: 21.64 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:149 Resp: 28072

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.1	0.7	1.1



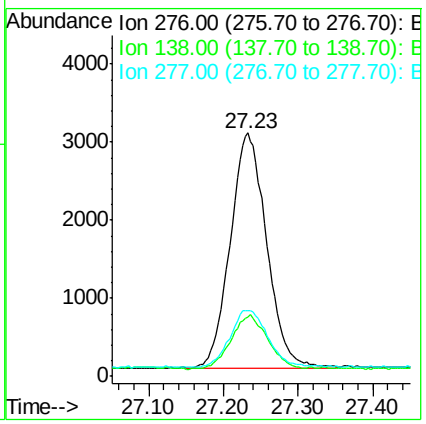


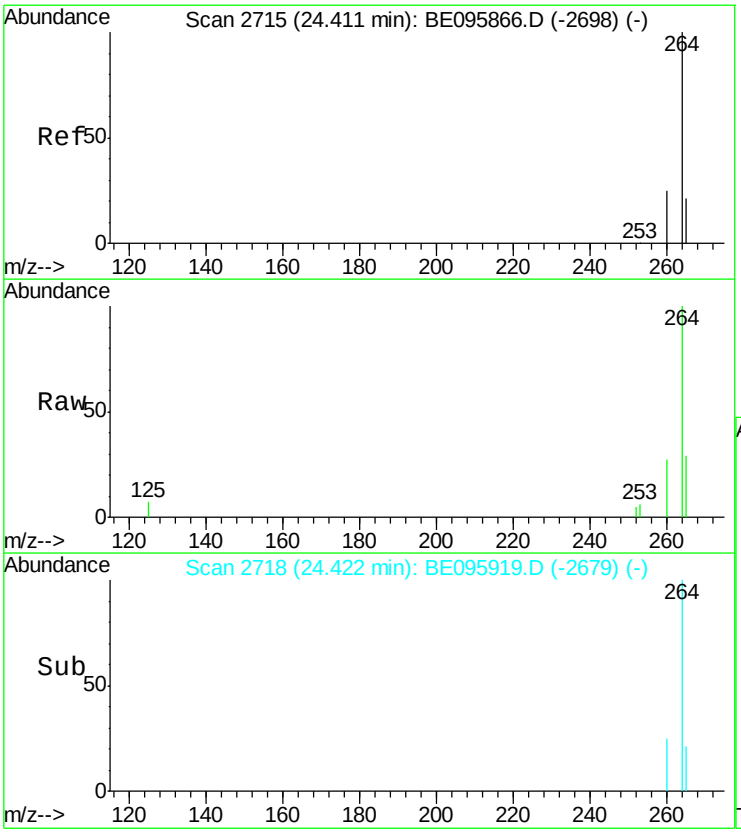
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng
RT: 27.23 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10263

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.5	33.7
277	24.7	19.9	29.9

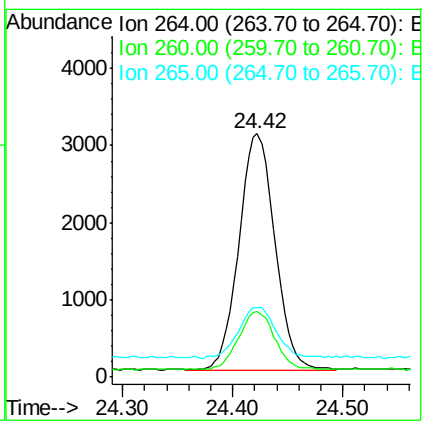


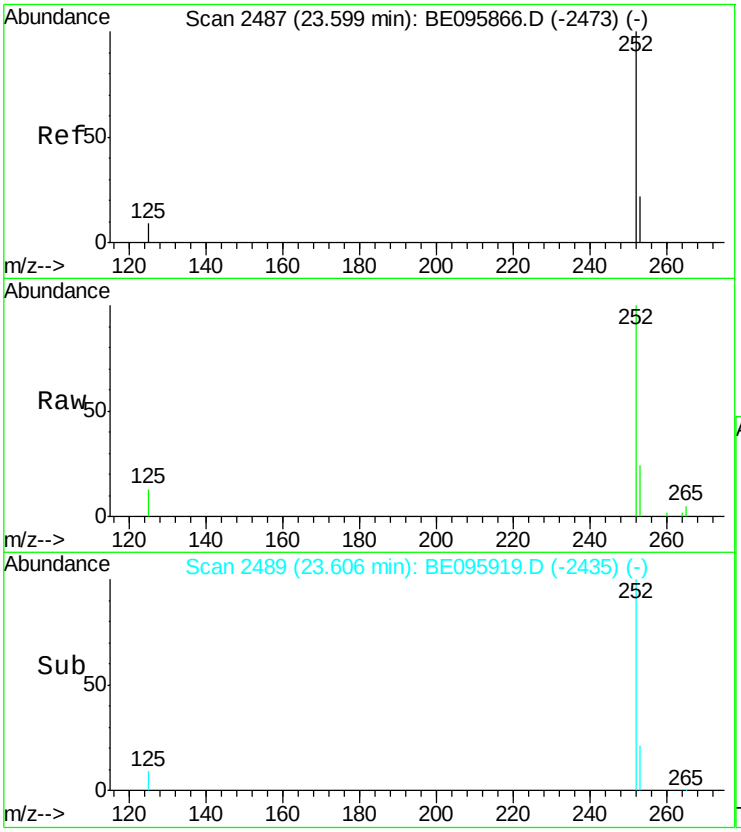


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:264 Resp: 6882

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	28.7	22.8	34.2



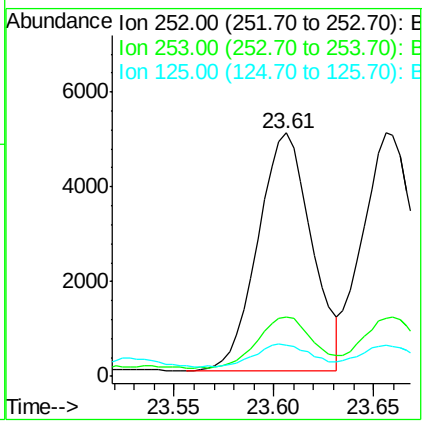


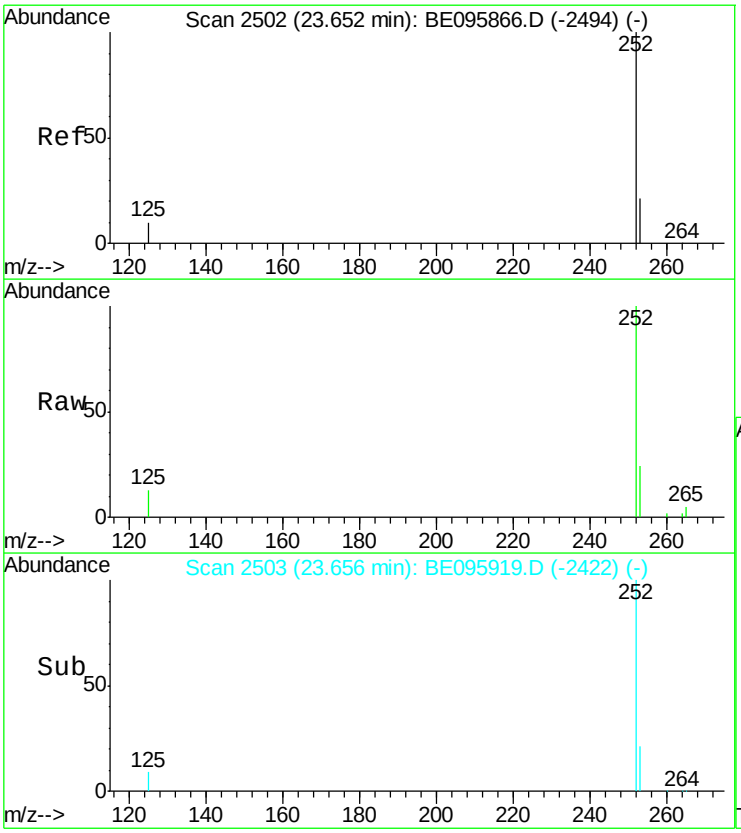
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.61 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9368

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.7	16.0	24.0#

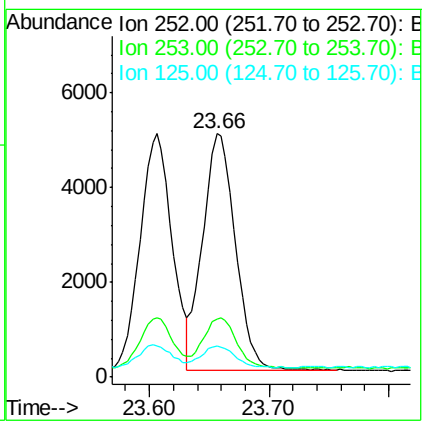


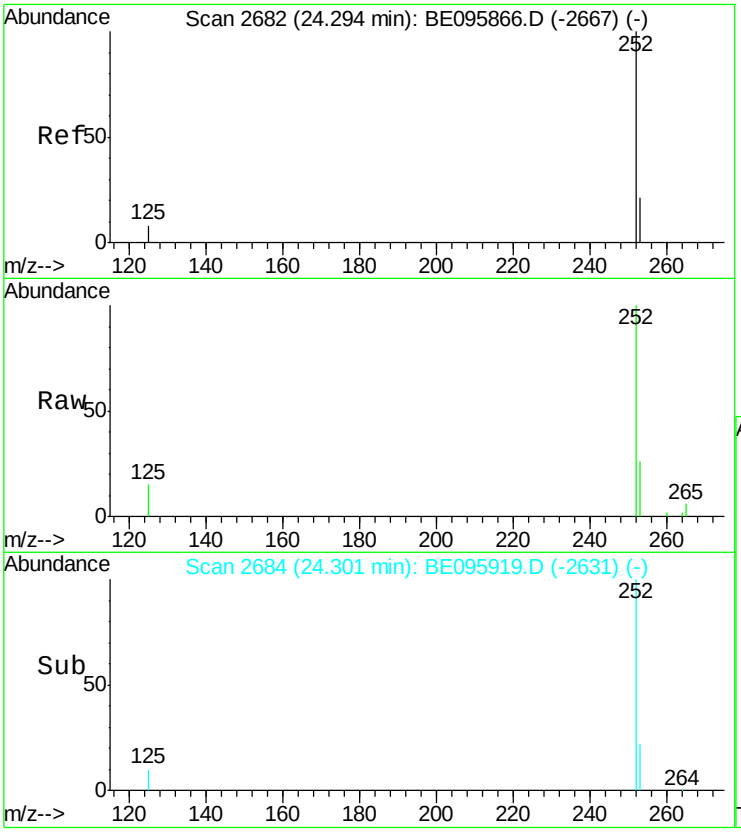


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:252 Resp: 9550

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	12.9	8.0	12.0#



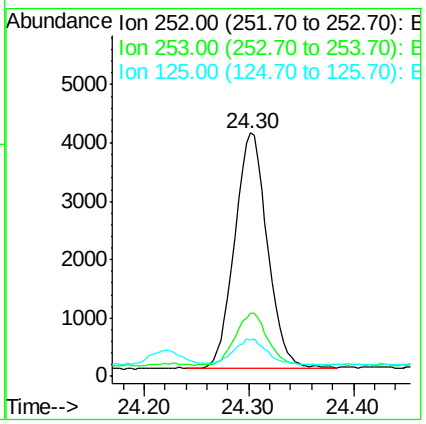


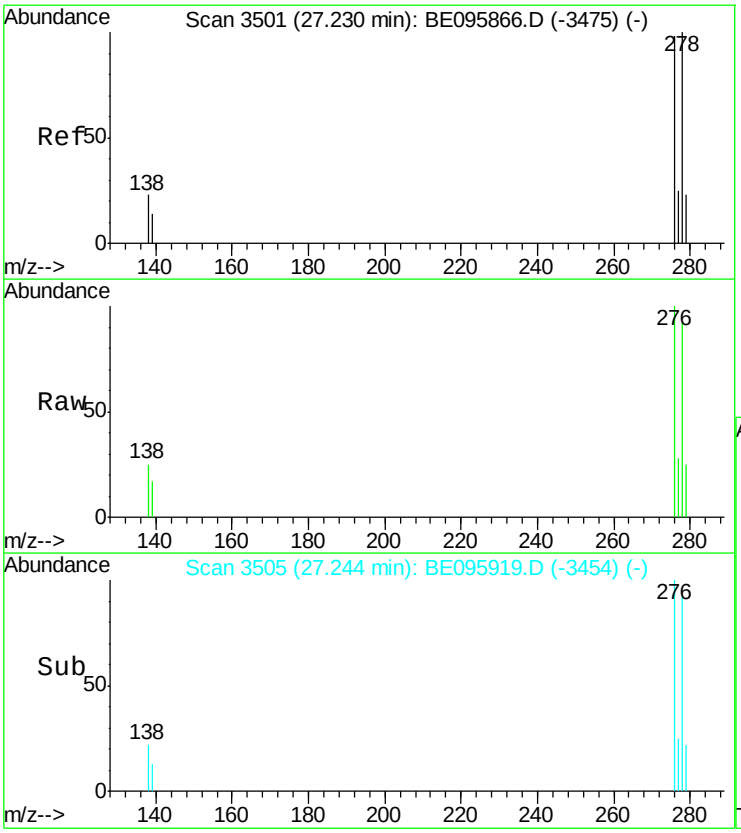
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8824

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	15.1	12.0	18.0

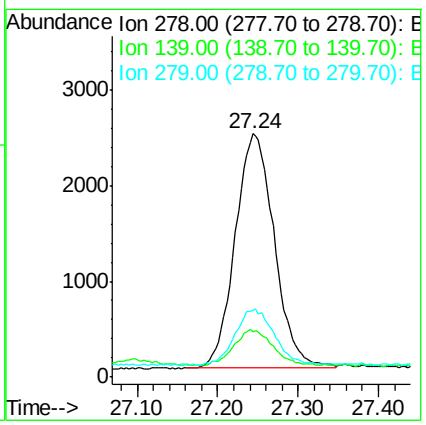


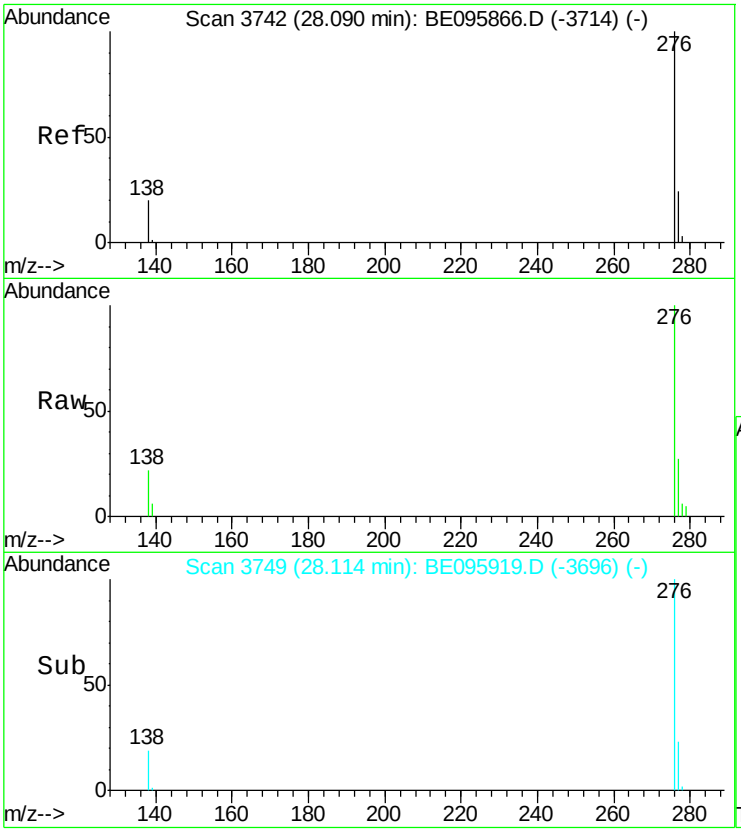


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 27.24 min Scan# 3505
Delta R.T. -0.02 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Tgt Ion:278 Resp: 8310

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.0	24.0
279	27.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.418 ng
RT: 28.11 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BE095919.D
Acq: 2 Apr 2018 10:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8520

Ion	Ratio	Lower	Upper
276	100		
277	27.3	16.0	24.0#
138	22.1	20.0	30.0