Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095102.D
Acq On : 23 Jan 2018 18:02
Operator : SJ/JU
Sample : J1170-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 24 01:10:36 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6600	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	14890	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	8477	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	20051	0.40	ng		0.00
27) Chrysene-d12	21.84	240	18619	0.40	ng		0.00
34) Perylene-d12	24.49	264	15345	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	1474	0.14	ng		0.00
5) Phenol-d6	7.58	99	1392	0.09	ng		0.00
8) Nitrobenzene-d5	9.63	82	6162	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	10290	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	424	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	18782	0.50	ng		0.00
25) Fluoranthene-d10	19.72	212	108184	0.43	ng		0.00
29) Terphenyl-d14	20.28	244	22740	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	187	0.029	ng	#	1
3) n-Nitrosodimethylamine	3.93	42	211	0.027	ng	#	1
6) bis(2-Chloroethyl)ether	7.84	93	30	0.002	ng	#	1
9) Naphthalene	11.34	128	1928	0.011	ng	#	89
10) Hexachlorobutadiene	11.61	225	9	0.001	ng	#	28
12) 2-Methylnaphthalene	12.91	142	201	0.007	ng	#	81
16) Acenaphthylene	14.76	152	74	0.002	ng	#	14
17) Acenaphthene	15.09	154	64	0.002	ng	#	69
18) Fluorene	16.07	166	123	0.003	ng	#	59
20) 4-Bromophenyl-phenylether	16.94	248	70	0.006	ng	#	53
21) Hexachlorobenzene	17.06	284	99	0.008	ng	#	51
22) Pentachlorophenol	17.39	266	67	0.060	ng		93
23) Phenanthrene	17.79	178	520	0.008	ng	#	94
24) Anthracene	17.88	178	154	0.003	ng	#	62
26) Fluoranthene	19.74	202	728	0.010	ng	#	89
28) Pyrene	20.10	202	767	0.010	ng	#	83
30) Benzo(a)anthracene	21.81	228	559	0.010	ng	#	77
31) Chrysene	21.87	228	596	0.010	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.70	149	3339	0.041	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.32	276	507	0.009	ng		93
35) Benzo(b)fluoranthene	23.67	252	611	0.011	ng	#	39
36) Benzo(k)fluoranthene	23.72	252	530	0.010	ng	#	7
37) Benzo(a)pyrene	24.37	252	181	0.004	ng	#	1
38) Dibenzo(a,h)anthracene	27.34	278	181	0.004	ng	#	33
39) Benzo(g,h,i)perylene	28.19	276	452	0.010	ng	#	47

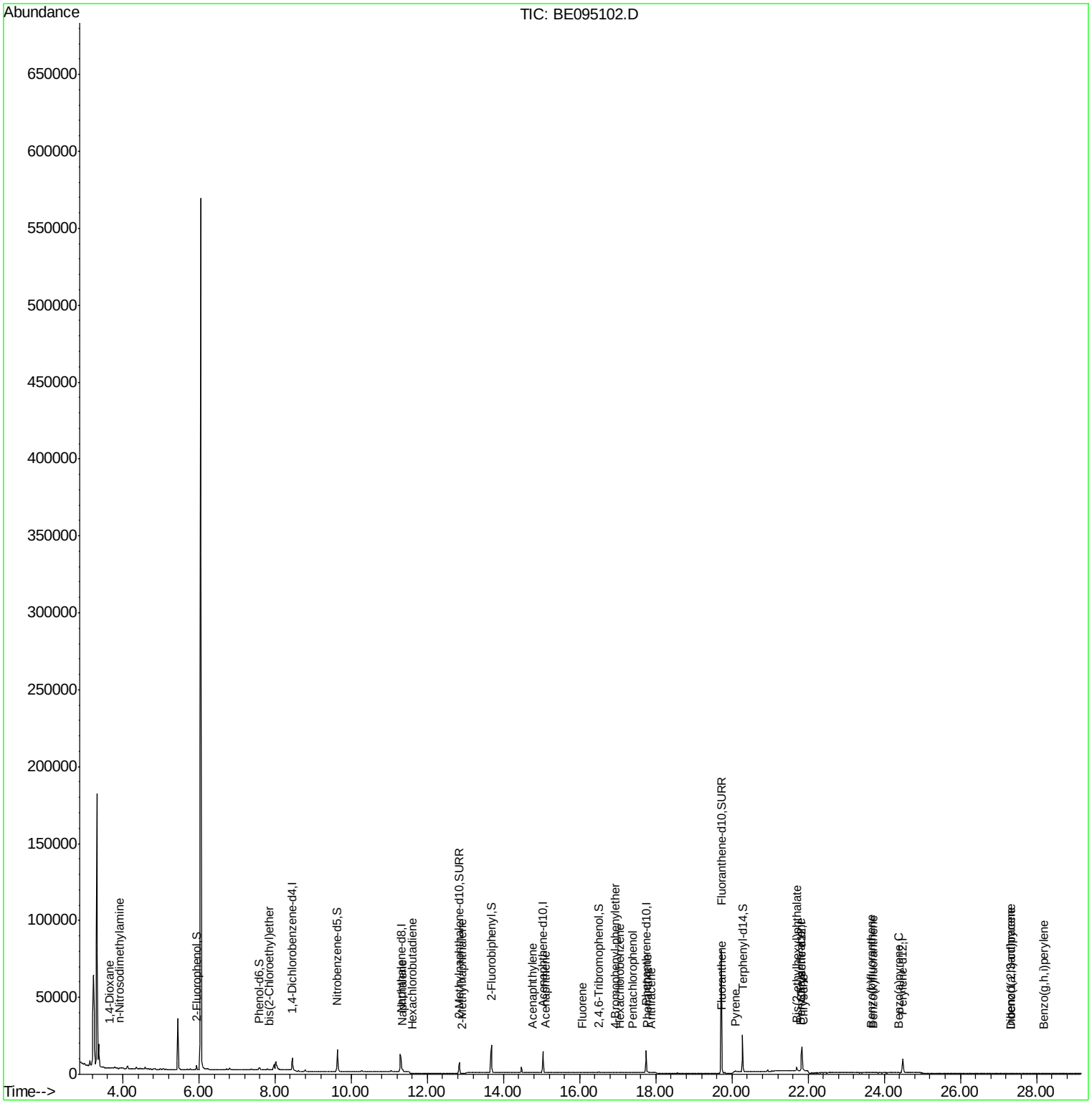
(#) = qualifier out of range (m) = manual integration (+) = signals summed

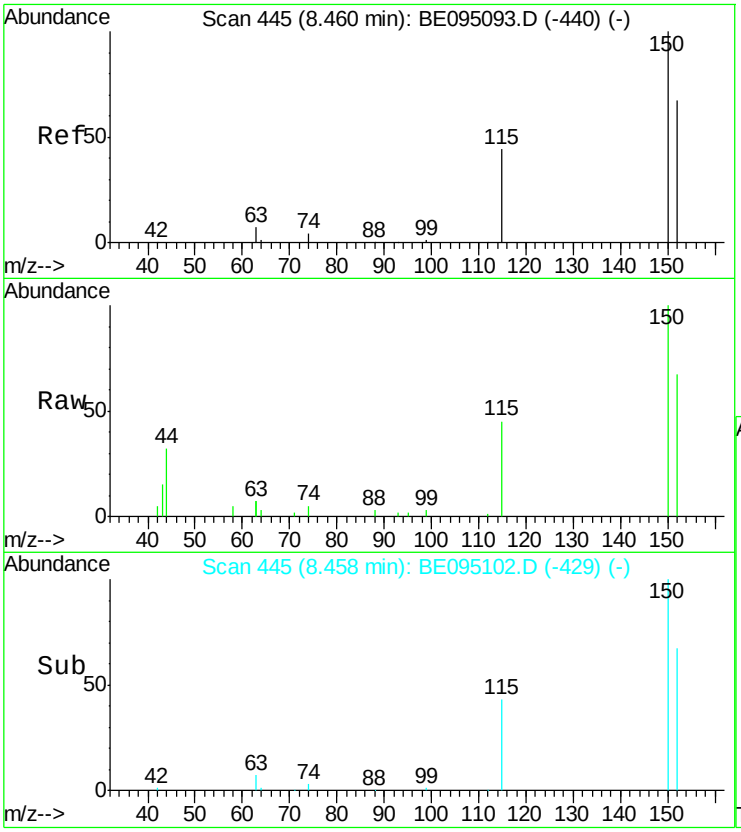
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095102.D
Acq On : 23 Jan 2018 18:02
Operator : SJ/JU
Sample : J1170-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 24 01:10:36 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration



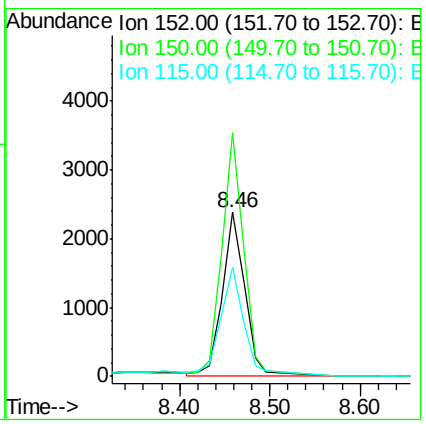


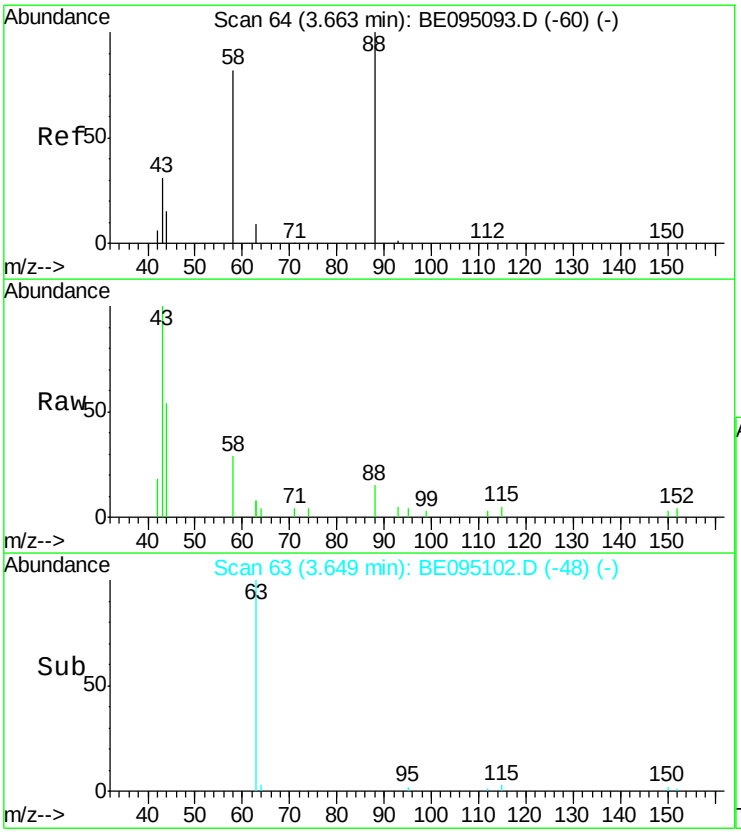
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6600

Ion	Ratio	Lower	Upper
152	100		
150	148.6	117.2	175.8
115	66.4	57.0	85.6

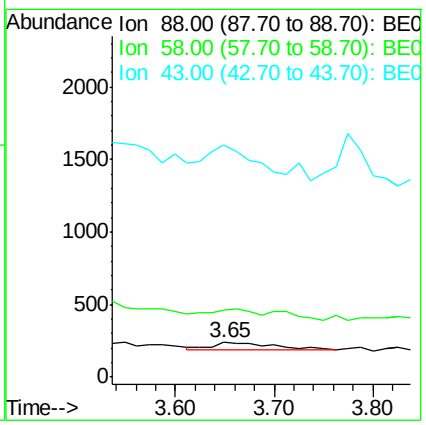


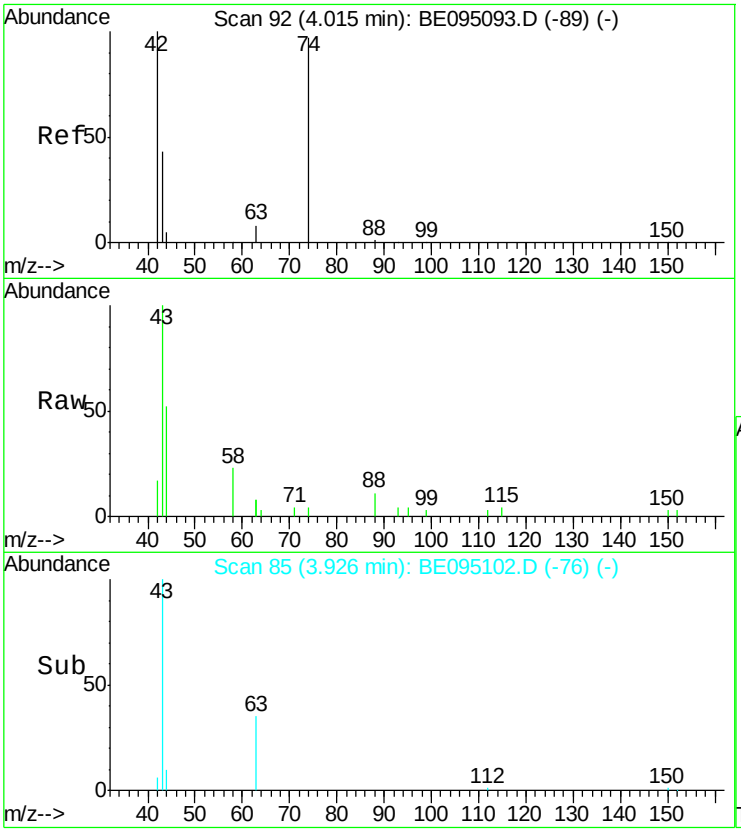


#2
1,4-Dioxane
Concen: 0.029 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion: 88 Resp: 187

Ion	Ratio	Lower	Upper
88	100		
58	48.1	63.2	94.8#
43	320.3	41.2	61.8#

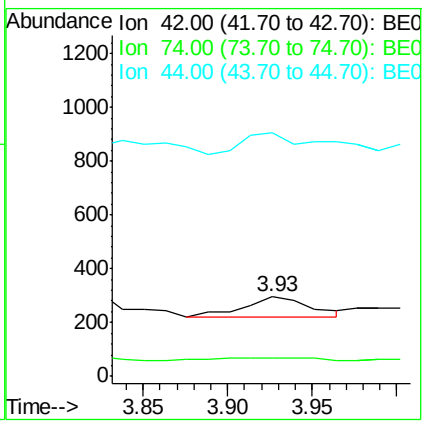




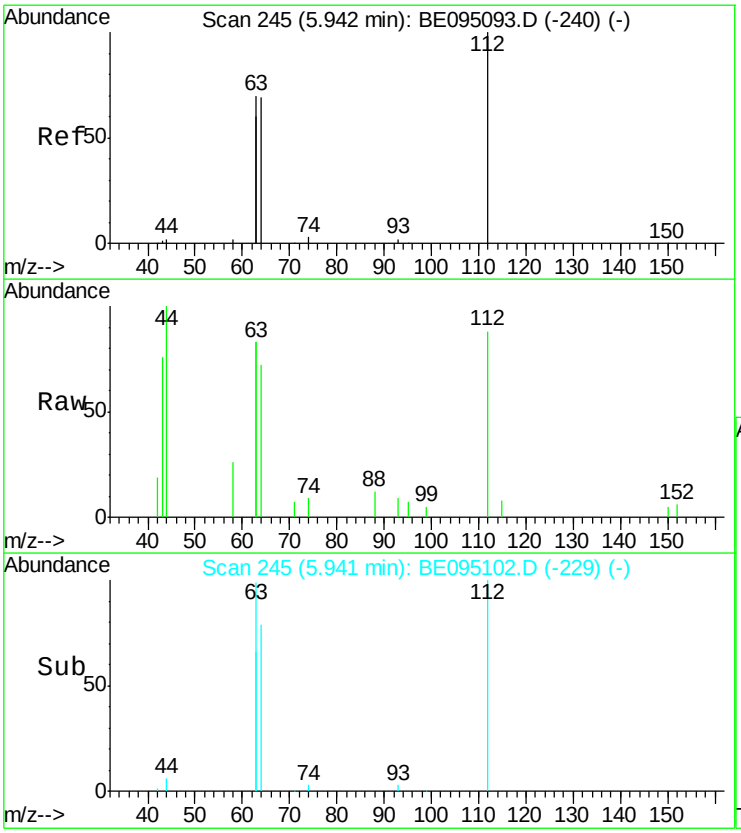
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.93 min Scan# 85
Delta R.T. -0.09 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion: 42 Resp: 211

Ion	Ratio	Lower	Upper
42	100		
74	11.8	96.0	144.0#
44	121.8	12.0	18.0#



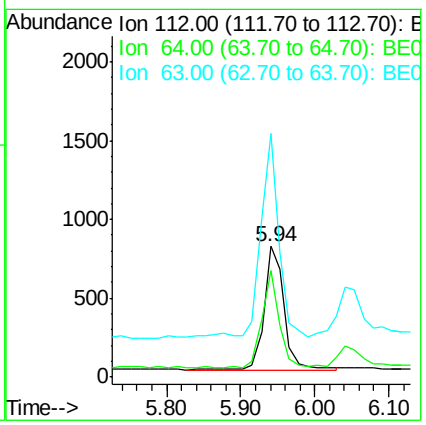
Instrument :
BNA_E
ClientSampleId :

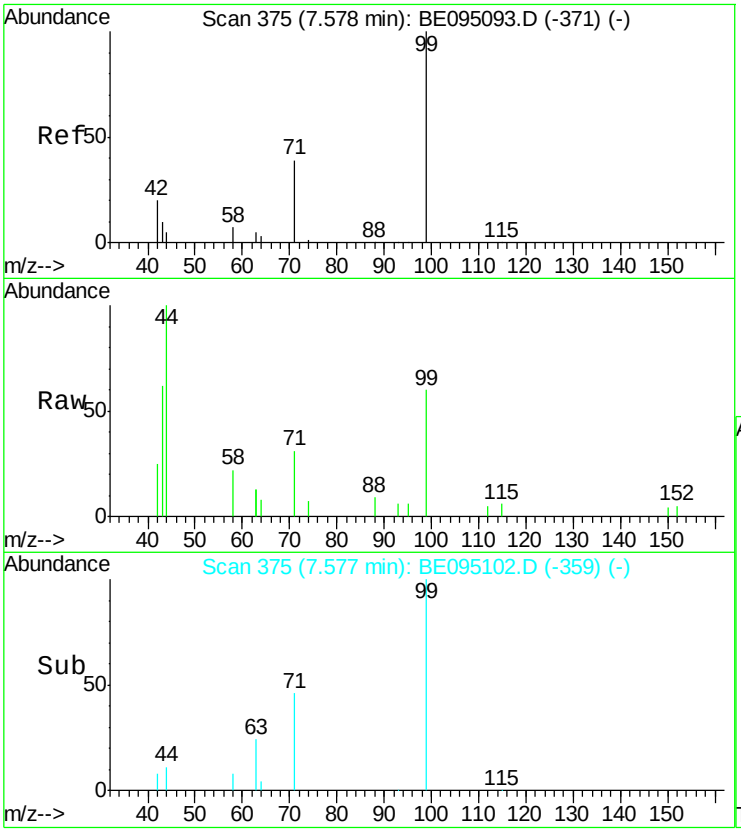


#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:112 Resp: 1474

Ion	Ratio	Lower	Upper
112	100		
64	67.7	60.1	90.1
63	152.6	116.8	175.2



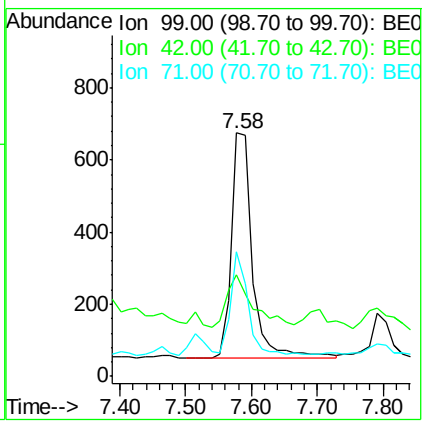


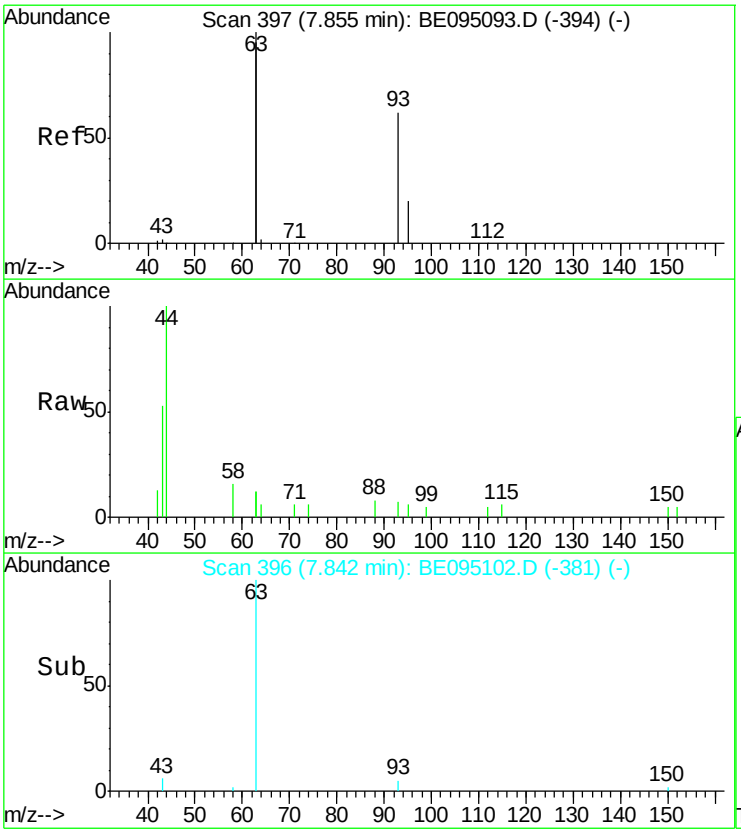
#5
Phenol-d6
Concen: 0.086 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1392

Ion	Ratio	Lower	Upper
99	100		
42	28.5	20.2	30.2
71	37.0	28.4	42.6

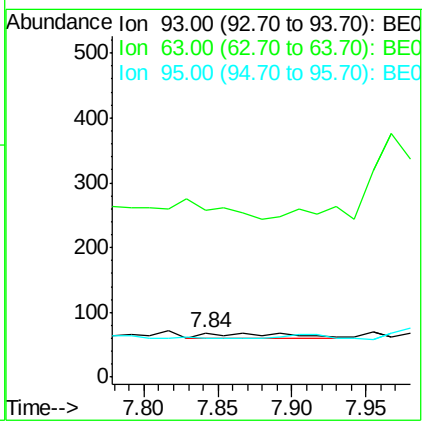


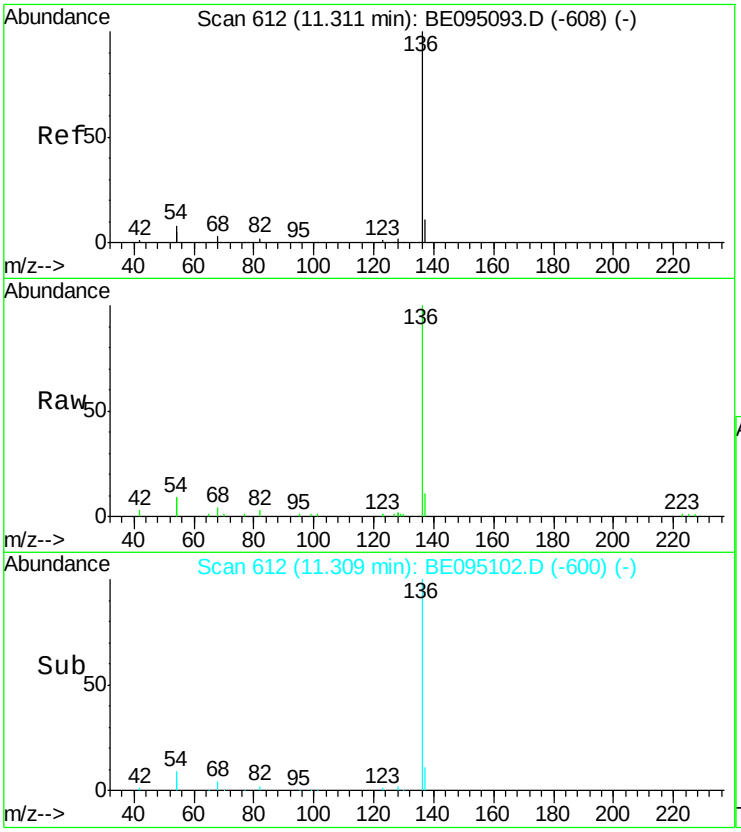


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.84 min Scan# 396
Delta R.T. -0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion: 93 Resp: 30

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



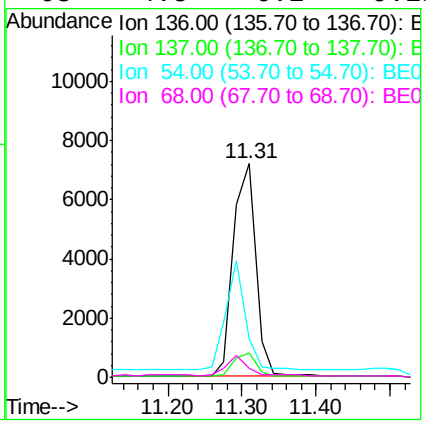


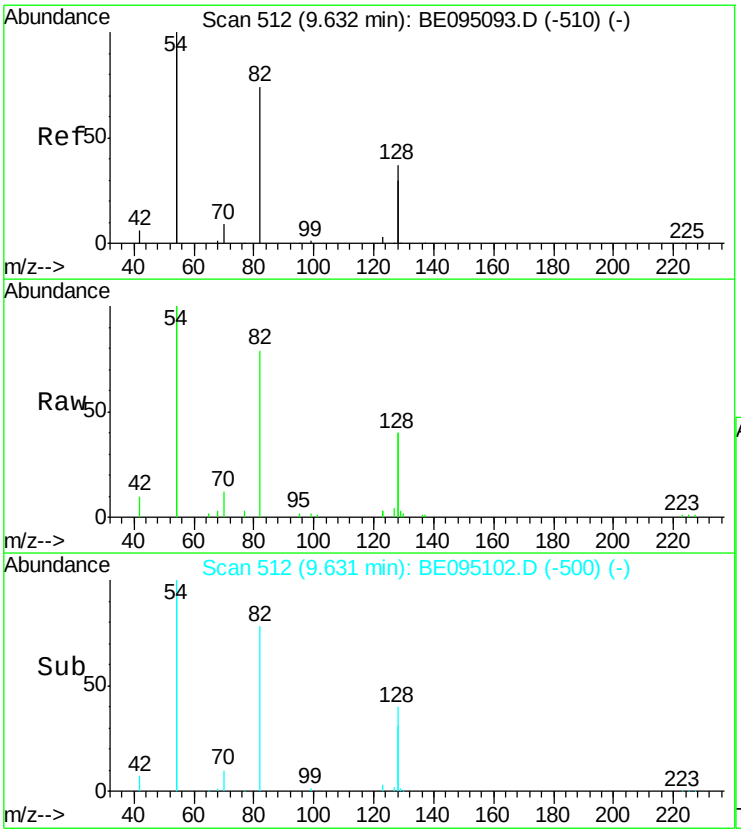
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14890

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	18.0	29.1	43.7#
68	4.5	6.2	9.2#

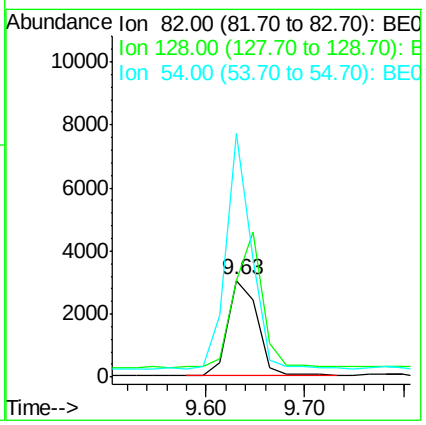


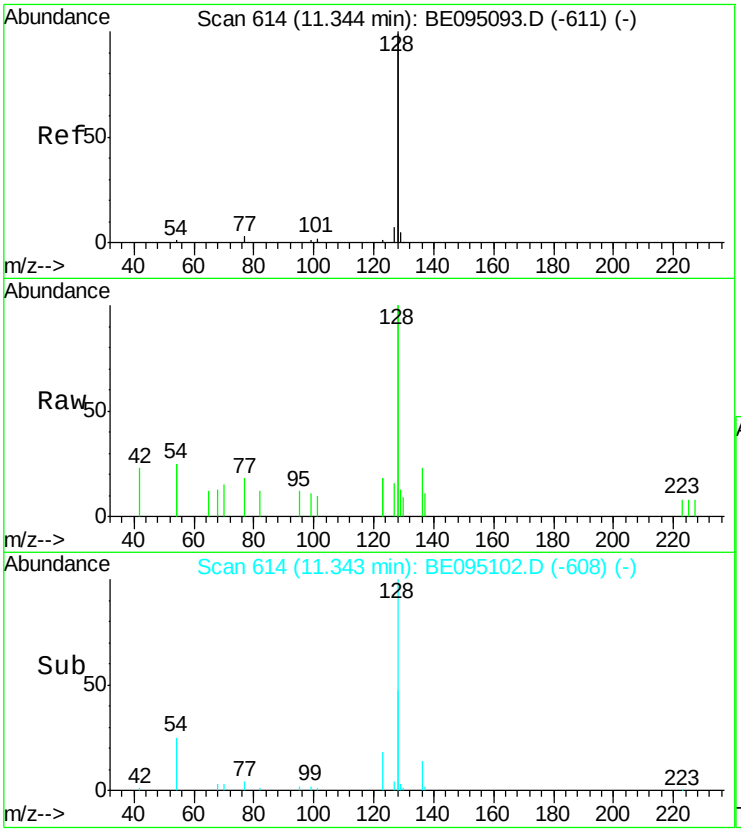


#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion: 82 Resp: 6162

Ion	Ratio	Lower	Upper
82	100		
128	99.9	150.0	225.0#
54	252.3	154.2	231.4#



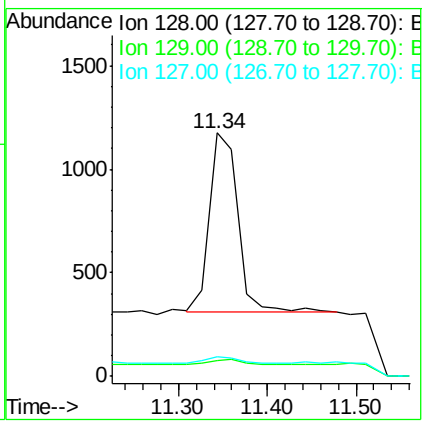


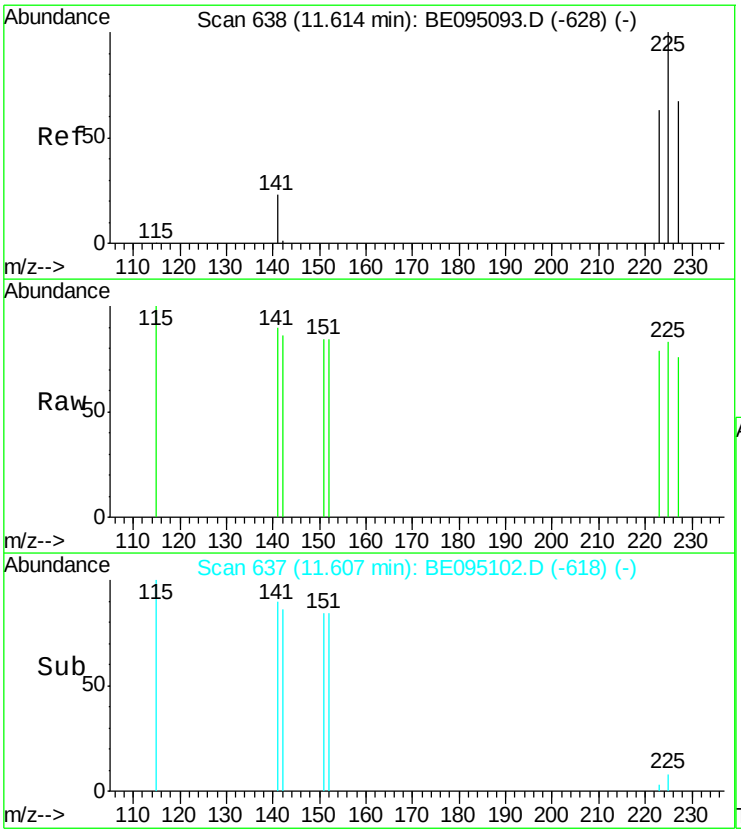
#9
Naphthalene
Concen: 0.011 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1928

Ion	Ratio	Lower	Upper
128	100		
129	6.3	2.6	3.8#
127	7.8	2.8	4.2#

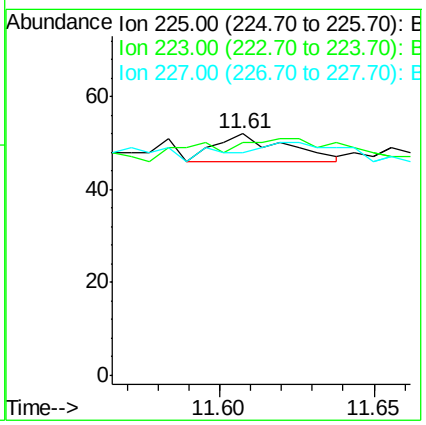


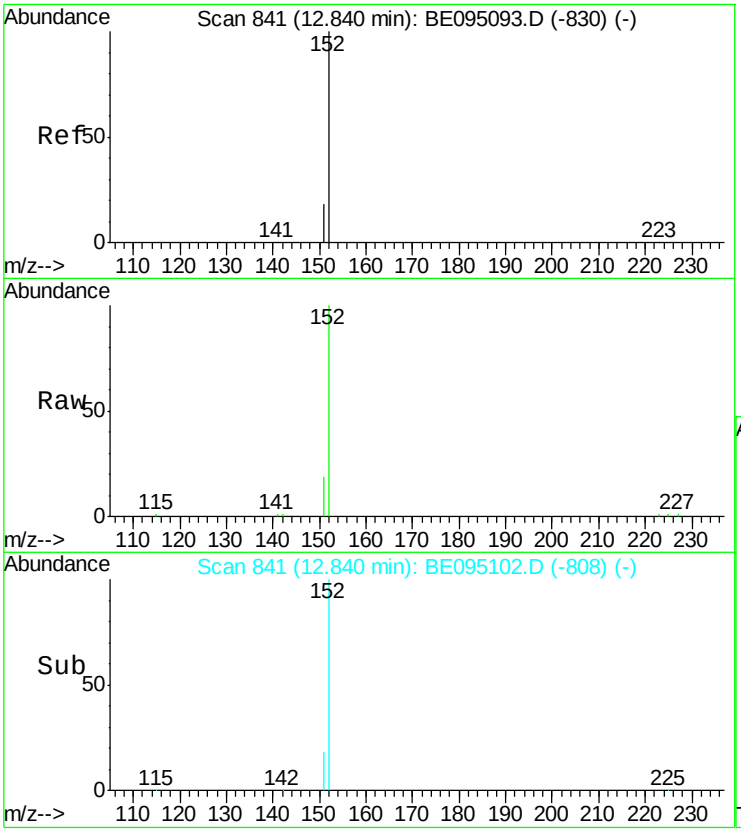


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.61 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:225 Resp: 9

Ion	Ratio	Lower	Upper
225	100		
223	88.9	53.0	79.6#
227	155.6	51.4	77.2#



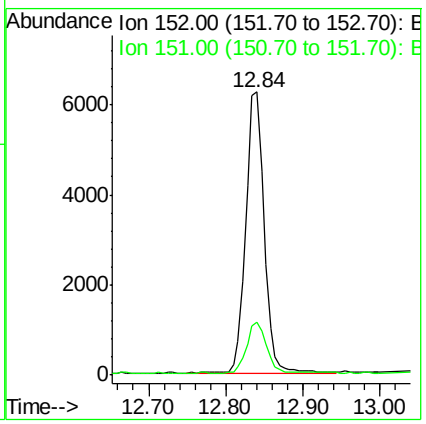


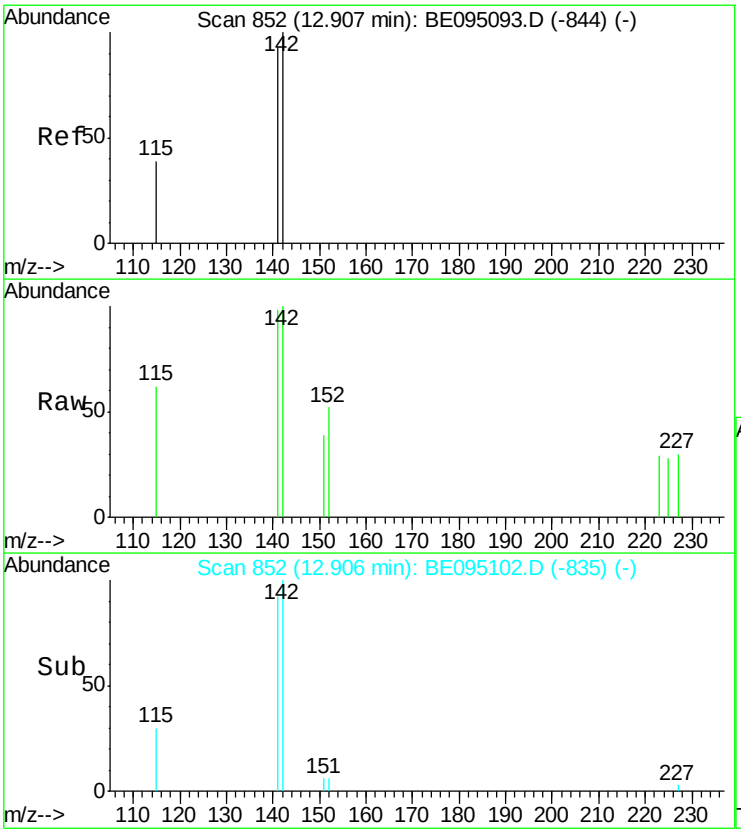
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10290

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

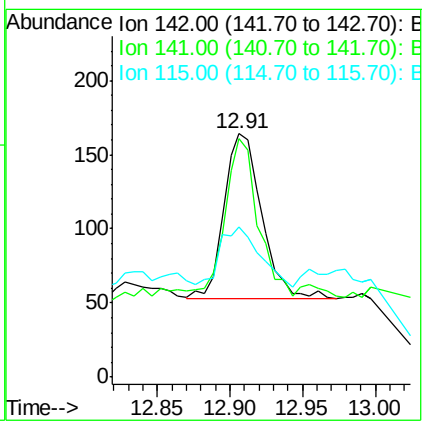


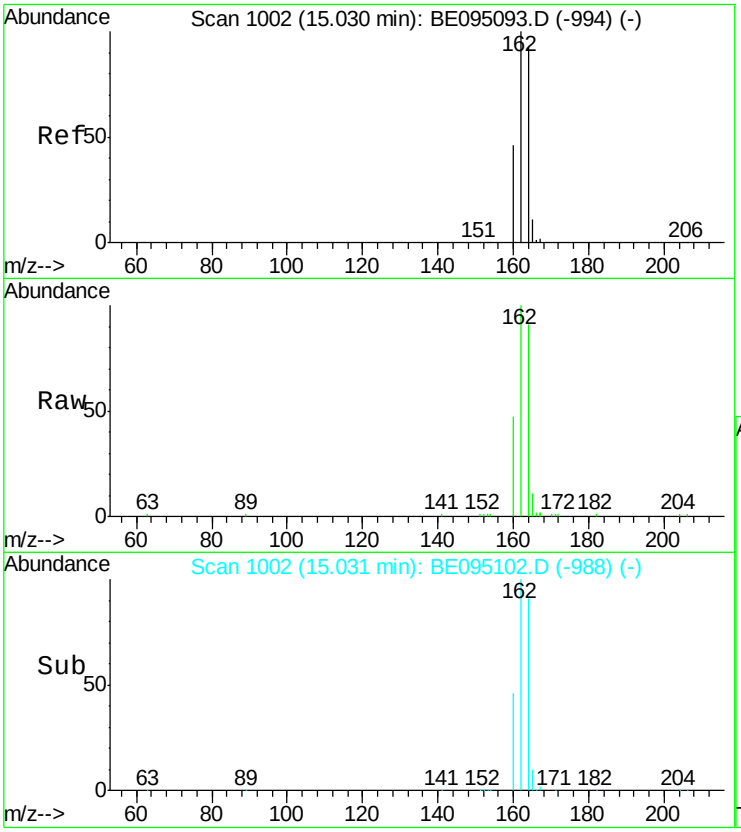


#12
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:142 Resp: 201

Ion	Ratio	Lower	Upper
142	100		
141	98.2	70.4	105.6
115	61.6	31.7	47.5#



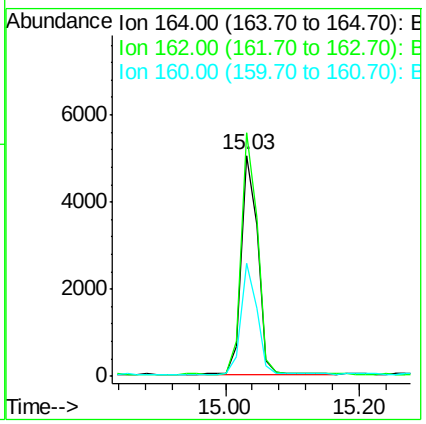


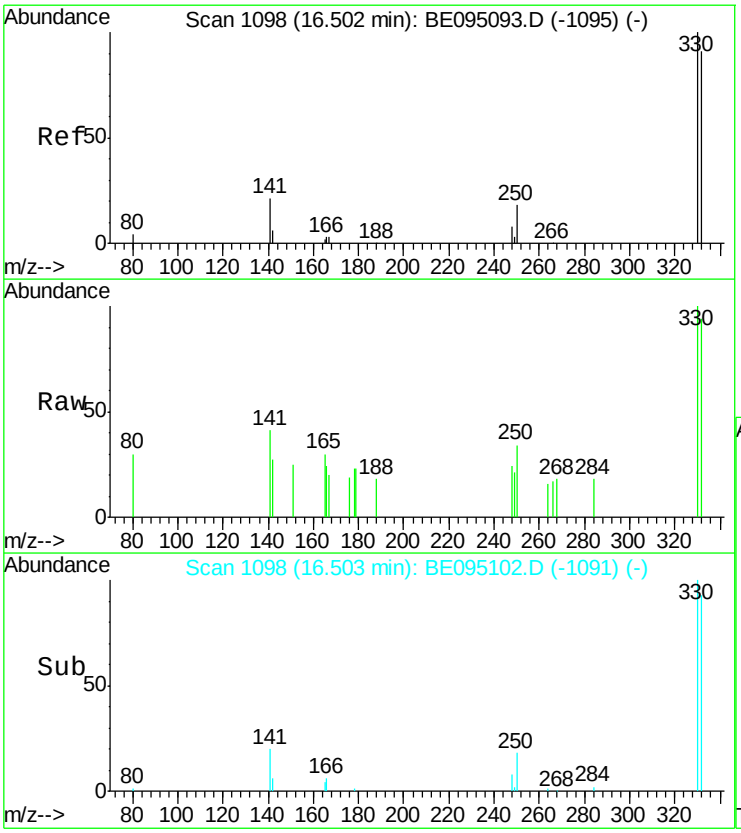
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8477

Ion	Ratio	Lower	Upper
164	100		
162	110.2	83.1	124.7
160	51.4	37.1	55.7

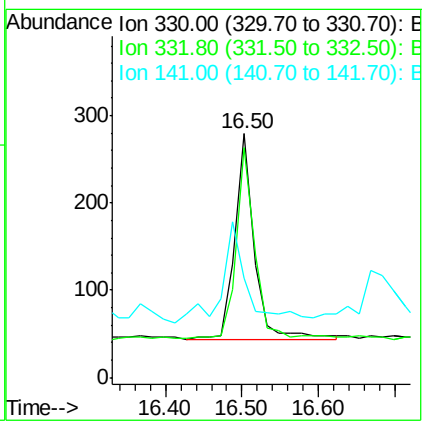


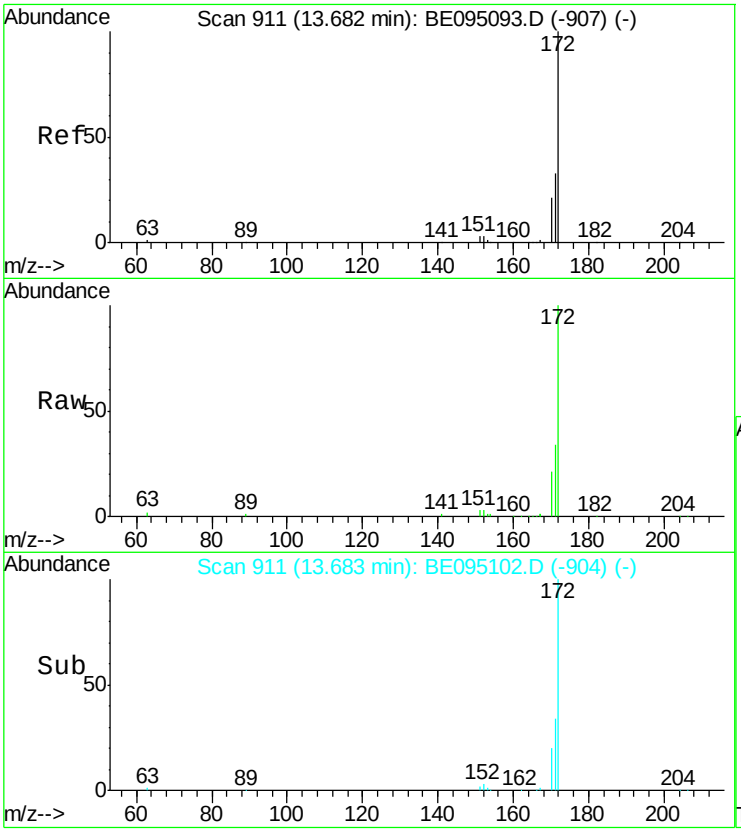


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:330 Resp: 424

Ion	Ratio	Lower	Upper
330	100		
332	85.8	152.7	229.1#
141	47.2	33.7	50.5



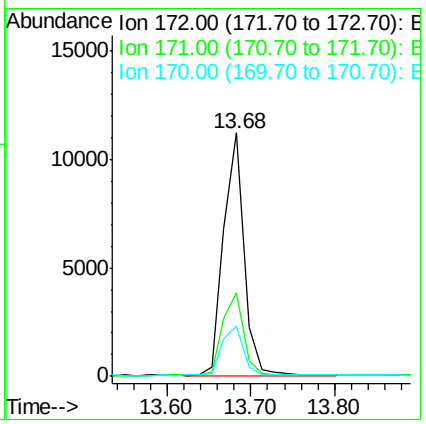


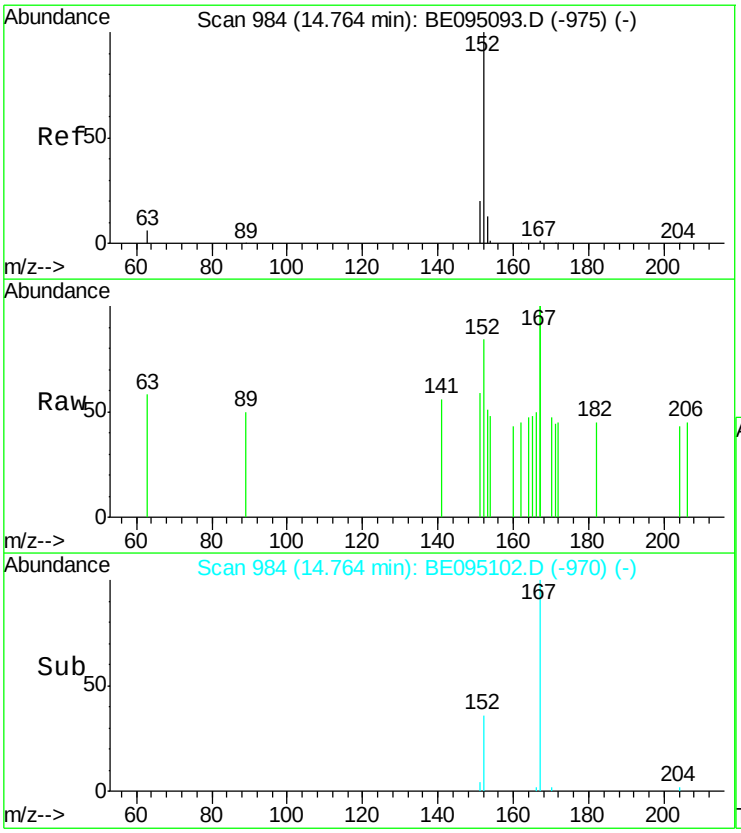
#15
2-Fluorobiphenyl
Concen: 0.504 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18782

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	20.7	21.8	32.8#

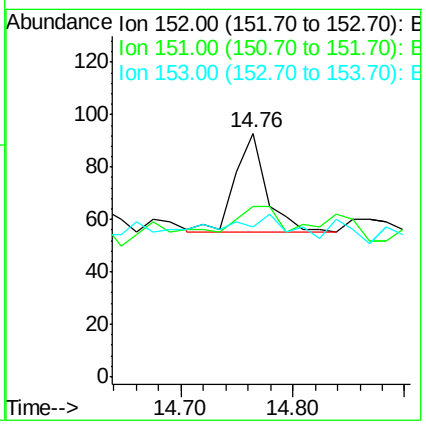


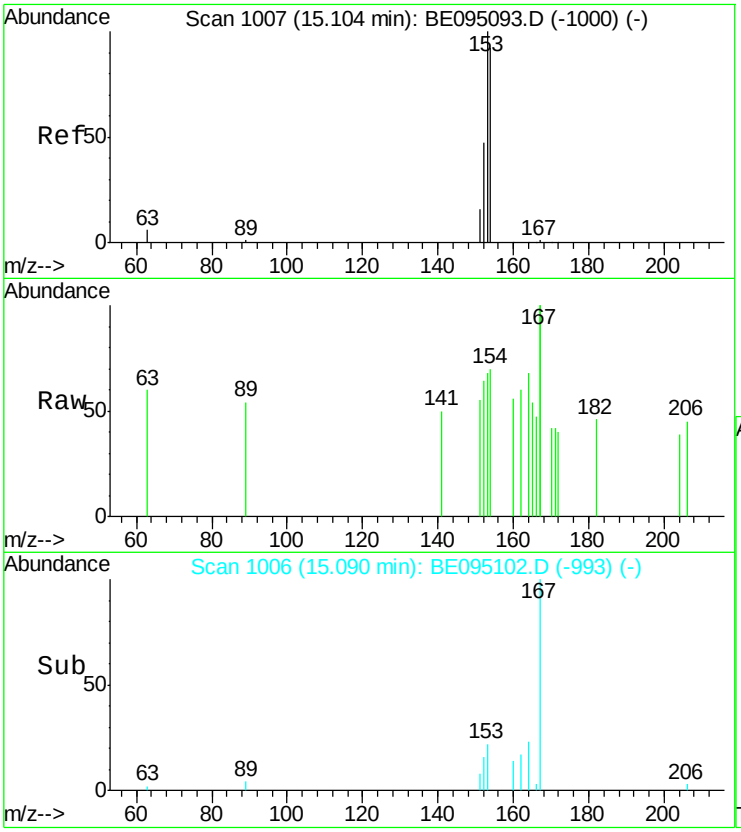


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.76 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:152 Resp: 74

Ion	Ratio	Lower	Upper
152	100		
151	60.8	15.7	23.5#
153	44.6	10.5	15.7#



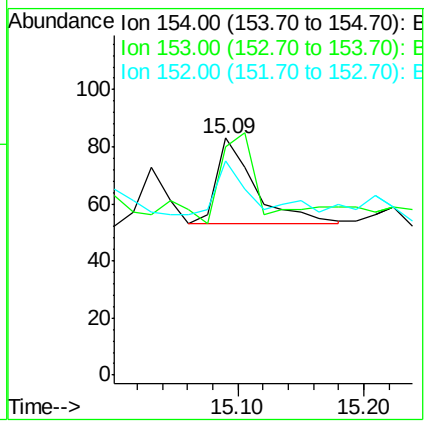


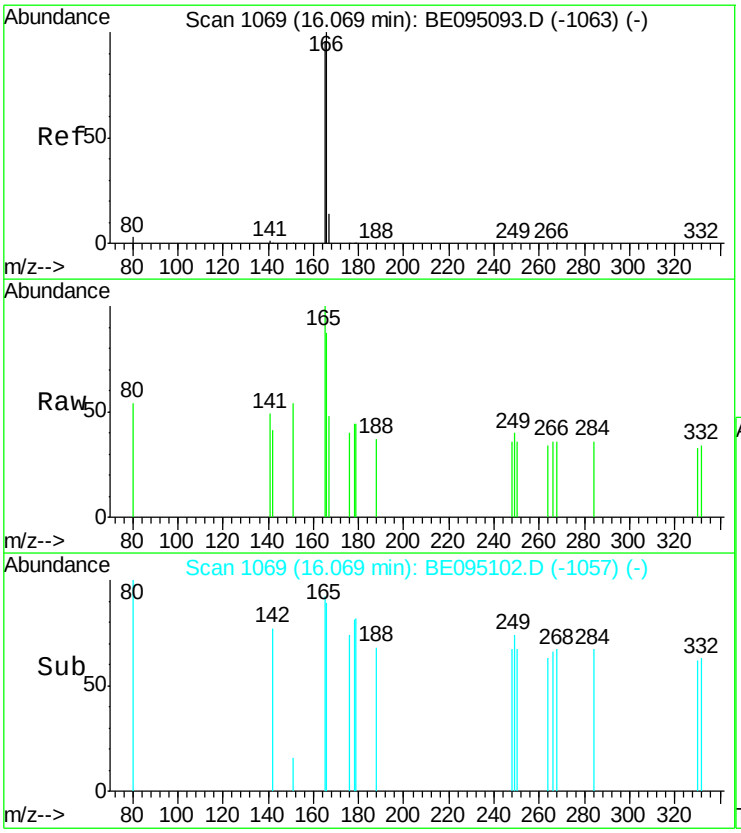
#17
Acenaphthene
Concen: 0.002 ng
RT: 15.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 64

Ion	Ratio	Lower	Upper
154	100		
153	68.8	89.2	133.8#
152	60.9	42.0	63.0

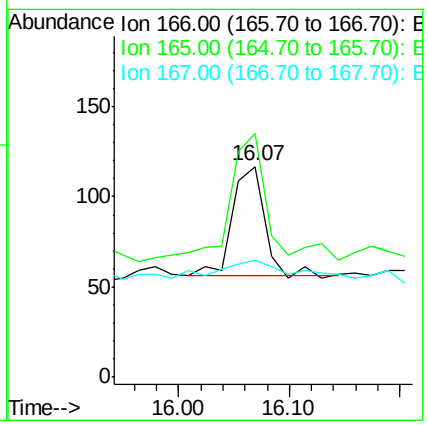


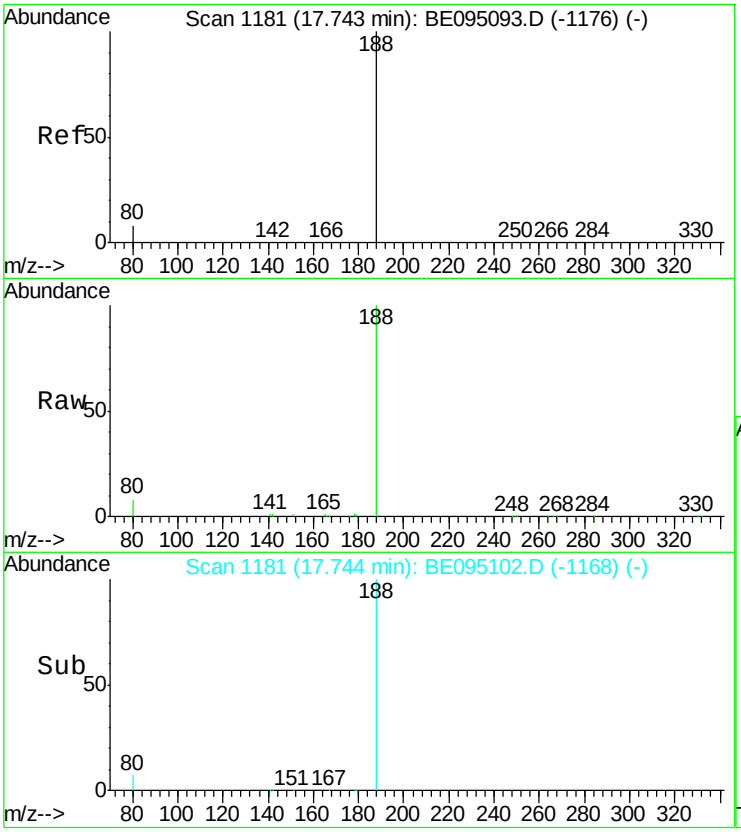


#18
Fluorene
Concen: 0.003 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:166 Resp: 123

Ion	Ratio	Lower	Upper
166	100		
165	143.9	77.8	116.6#
167	32.5	42.4	63.6#



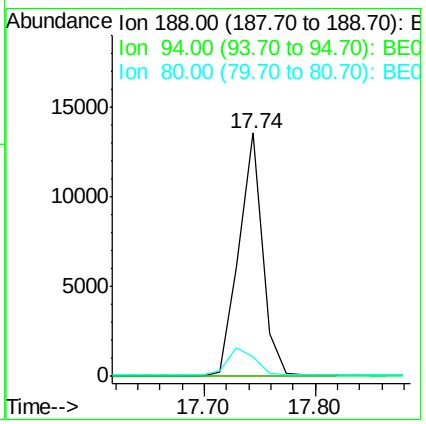


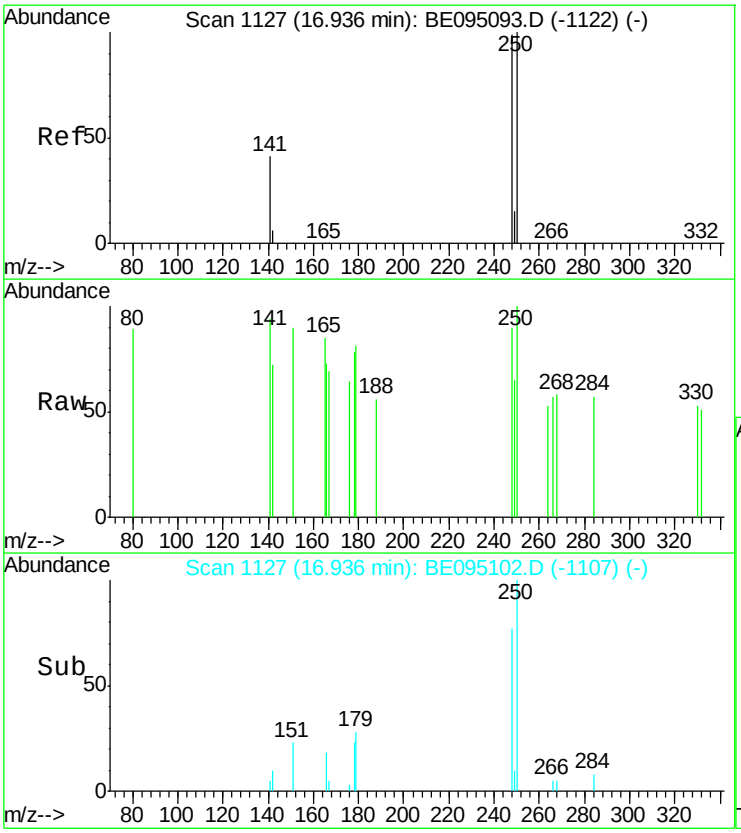
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 20051

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.1	3.6	5.4#

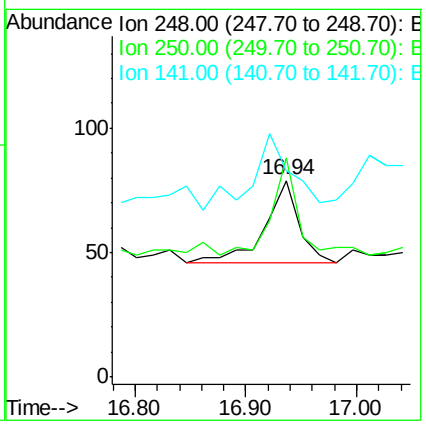


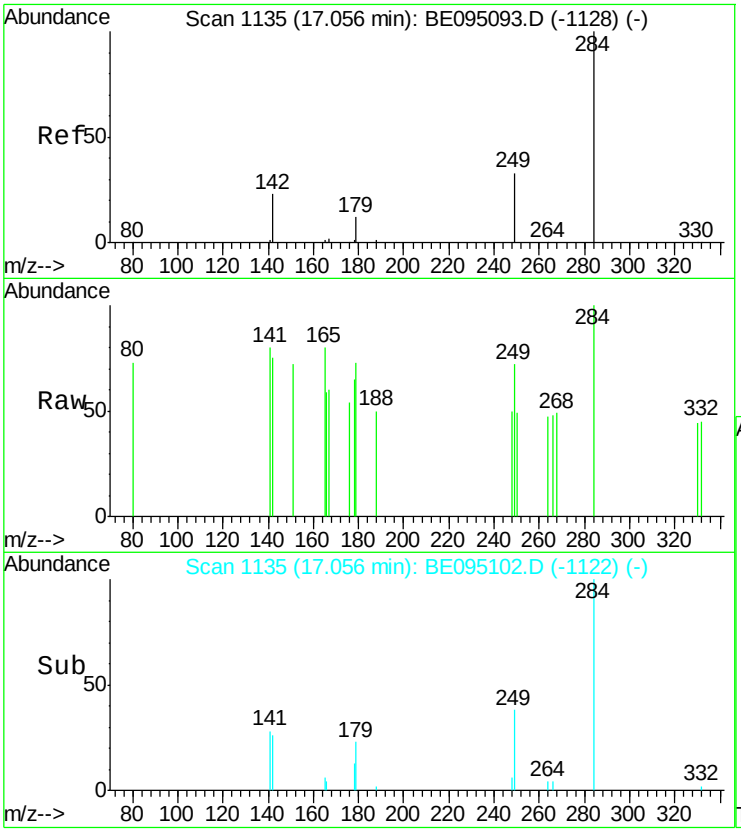


#20
4-Bromophenyl-phenylether
Concen: 0.006 ng
RT: 16.94 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:248 Resp: 70

Ion	Ratio	Lower	Upper
248	100		
250	111.4	62.7	94.1#
141	105.1	48.2	72.2#



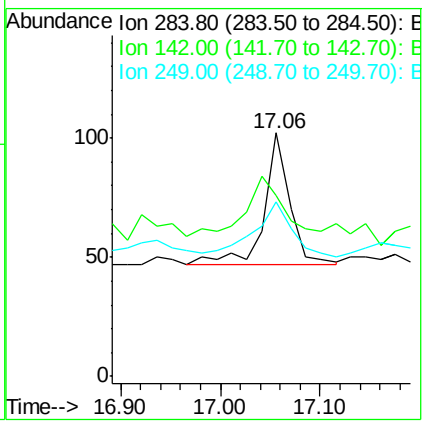


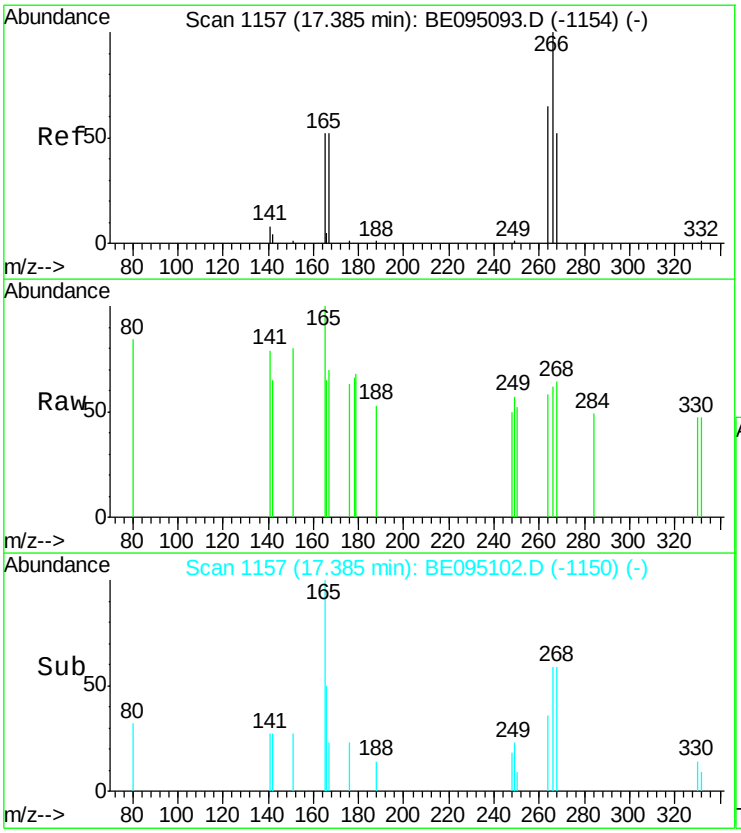
#21
Hexachlorobenzene
Concen: 0.008 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 99

Ion	Ratio	Lower	Upper
284	100		
142	66.7	22.1	33.1#
249	64.6	34.8	52.2#

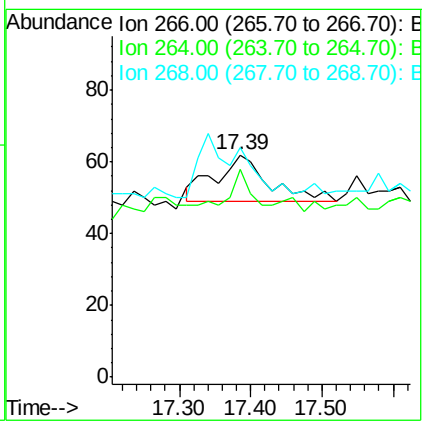


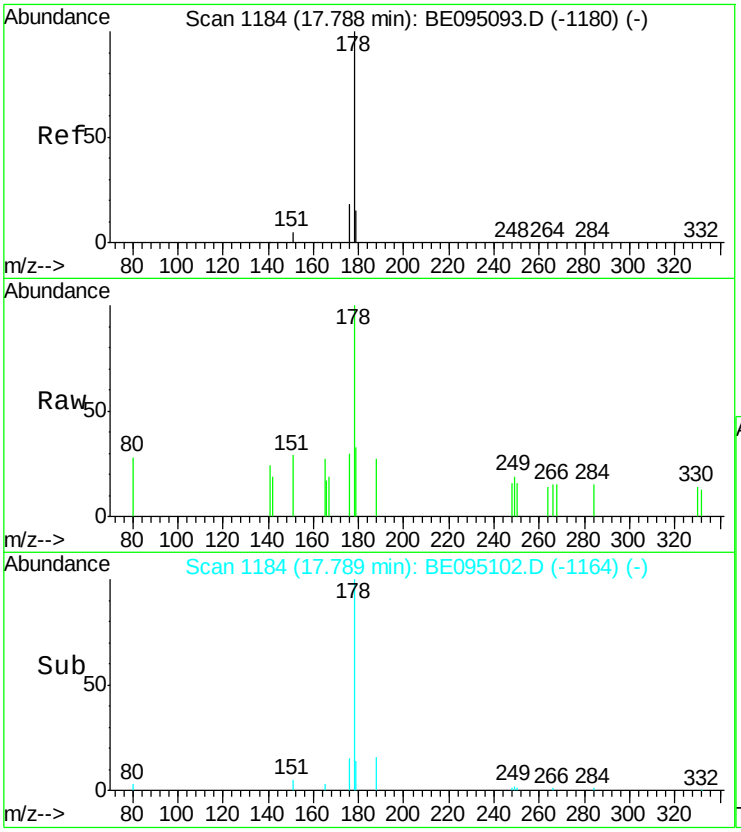


#22
Pentachlorophenol
Concen: 0.060 ng
RT: 17.39 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	93.5	72.5	108.7
268	103.2	73.8	110.6



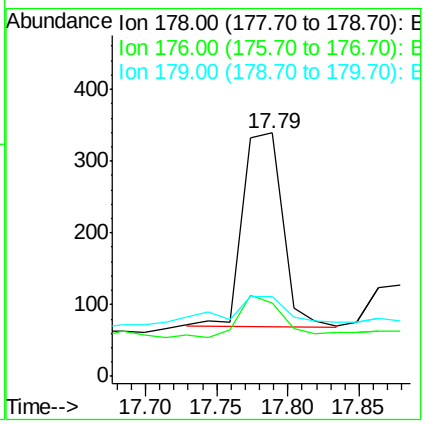


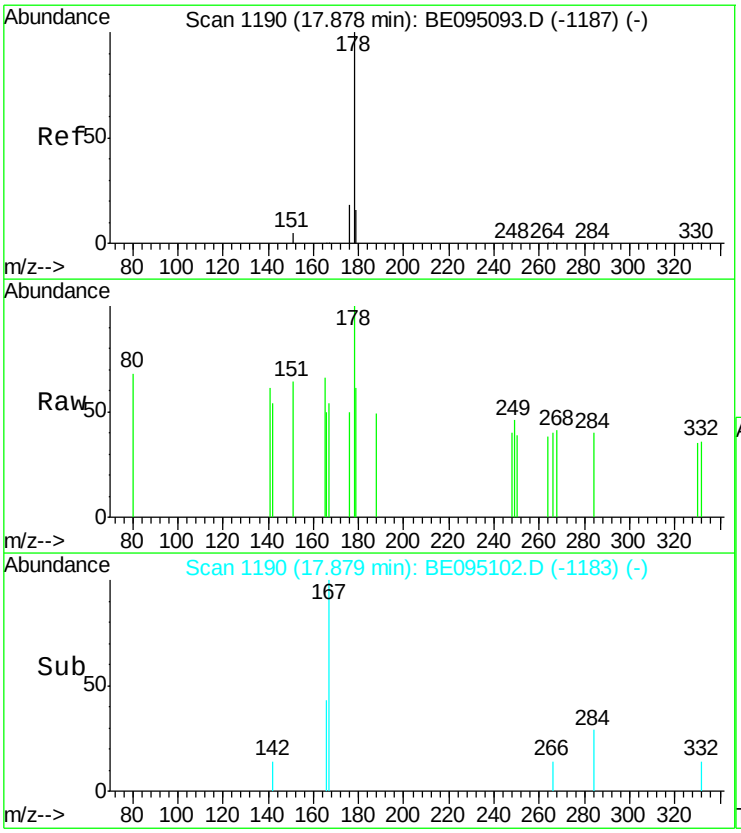
#23
Phenanthrene
Concen: 0.008 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 520

Ion	Ratio	Lower	Upper
178	100		
176	23.5	15.1	22.7#
179	14.4	11.8	17.6

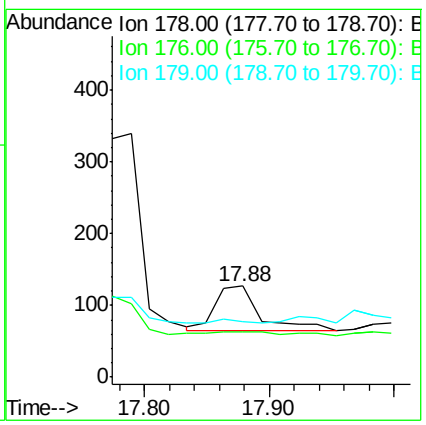


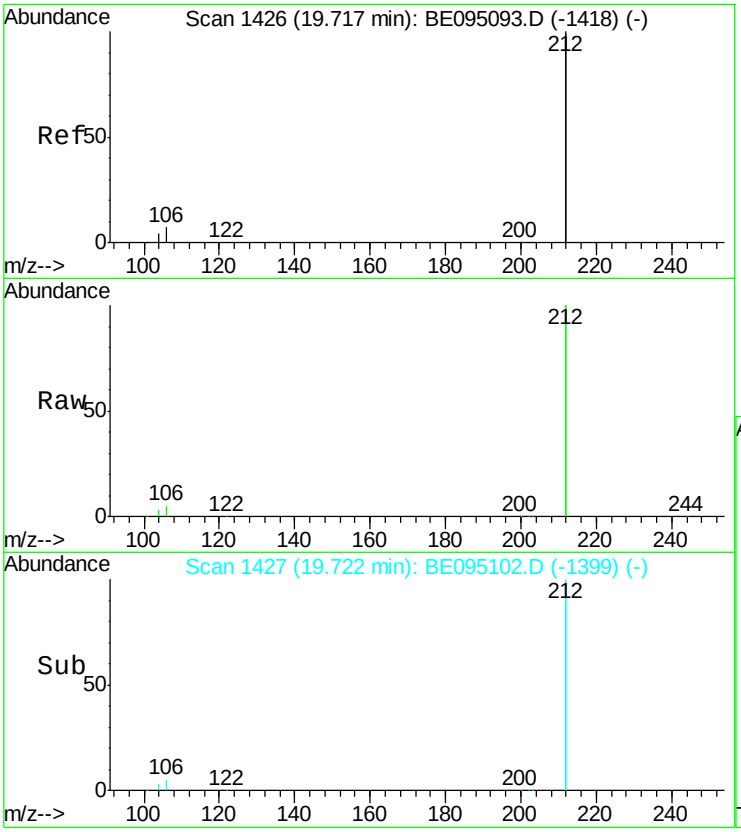


#24
Anthracene
Concen: 0.003 ng
RT: 17.88 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:178 Resp: 154

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	0.0	13.0	19.6#



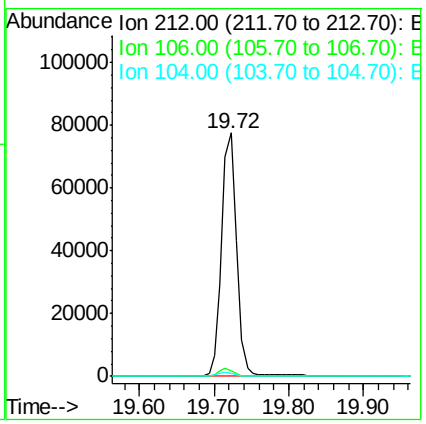


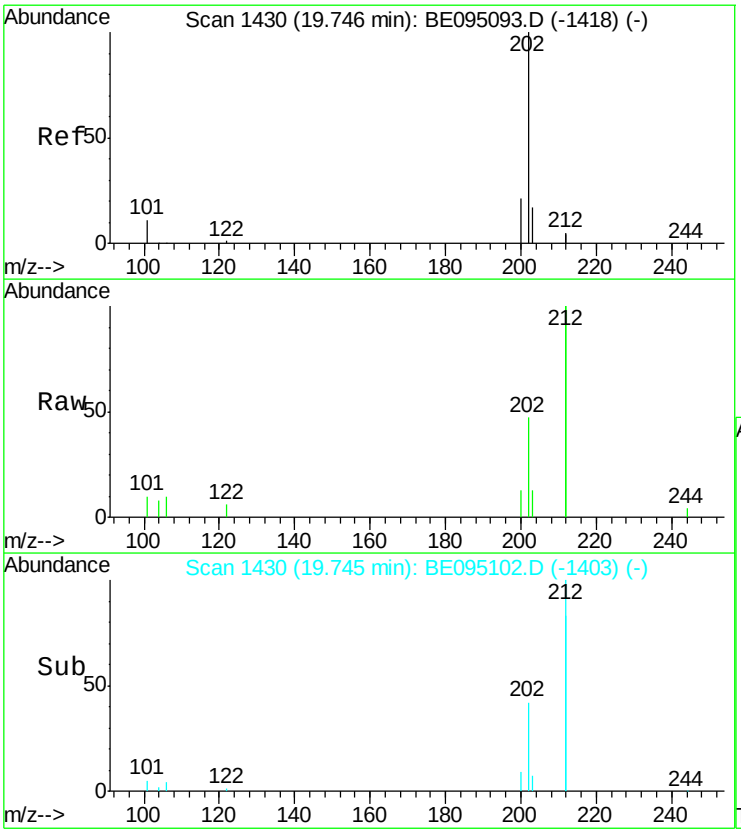
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 108184

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

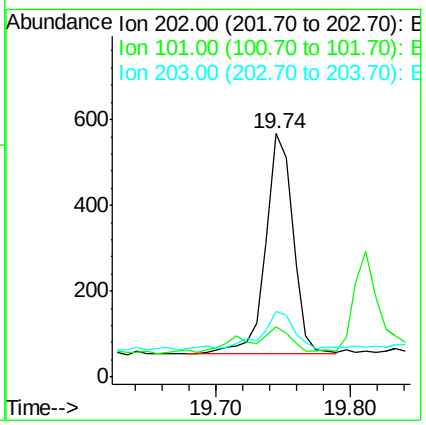


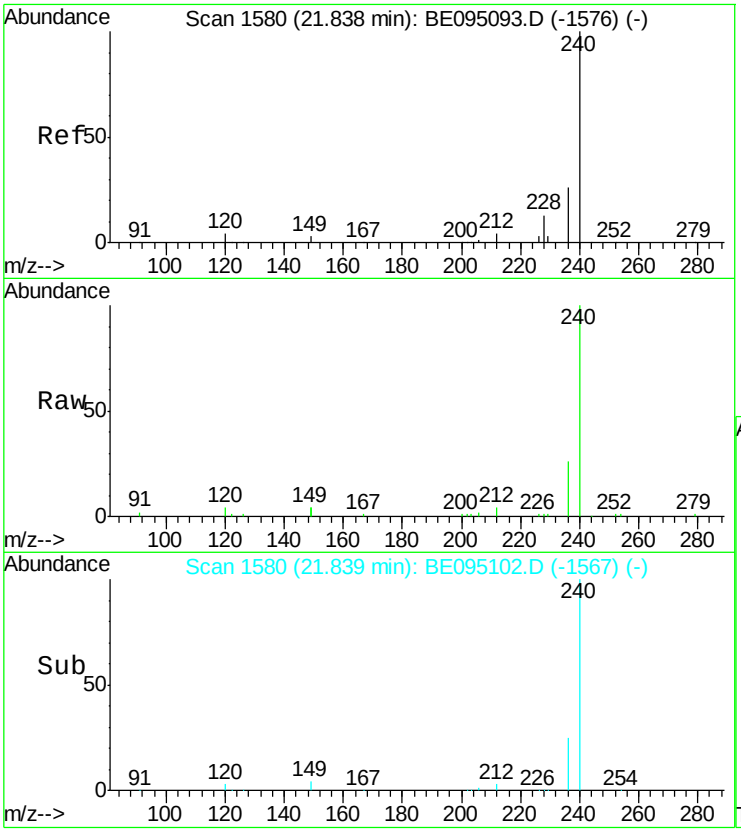


#26
Fluoranthene
Concen: 0.010 ng
RT: 19.74 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:202 Resp: 728

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	23.6	13.7	20.5#



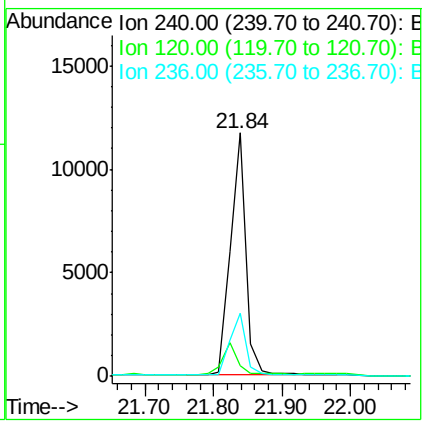


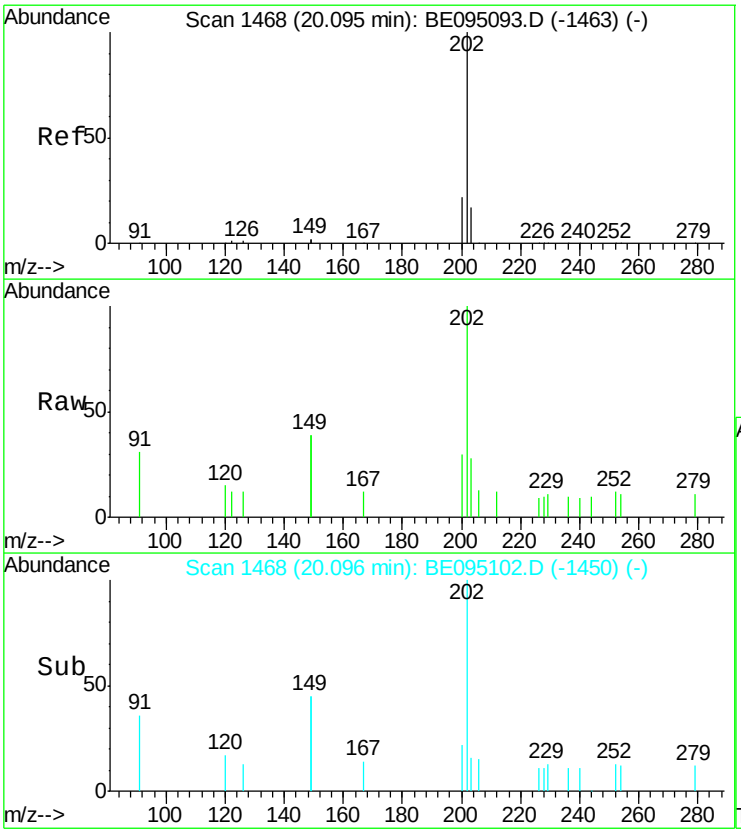
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 18619

Ion	Ratio	Lower	Upper
240	100		
120	4.2	5.5	8.3#
236	25.9	20.7	31.1

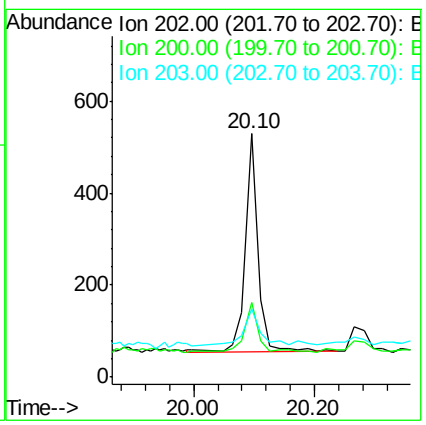


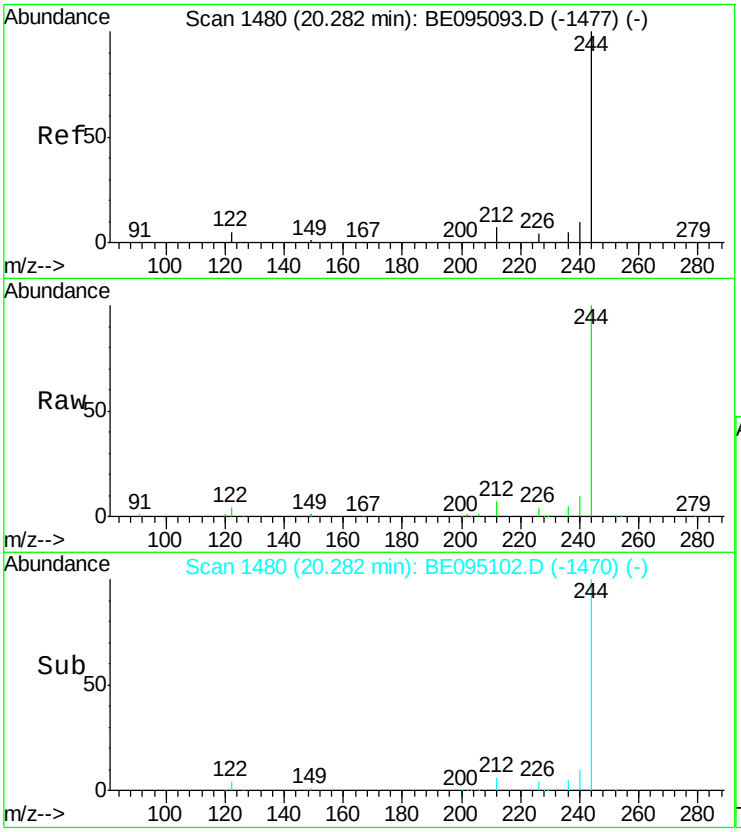


#28
Pyrene
Concen: 0.010 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:202 Resp: 767

Ion	Ratio	Lower	Upper
202	100		
200	26.5	16.6	25.0#
203	27.2	13.8	20.8#



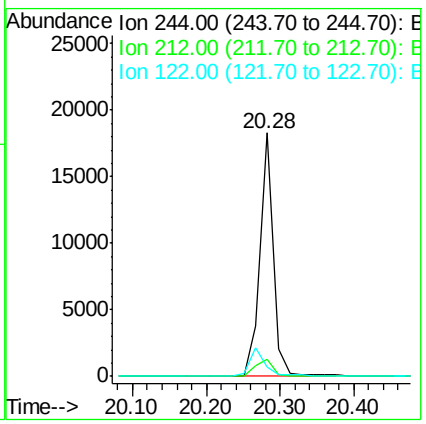


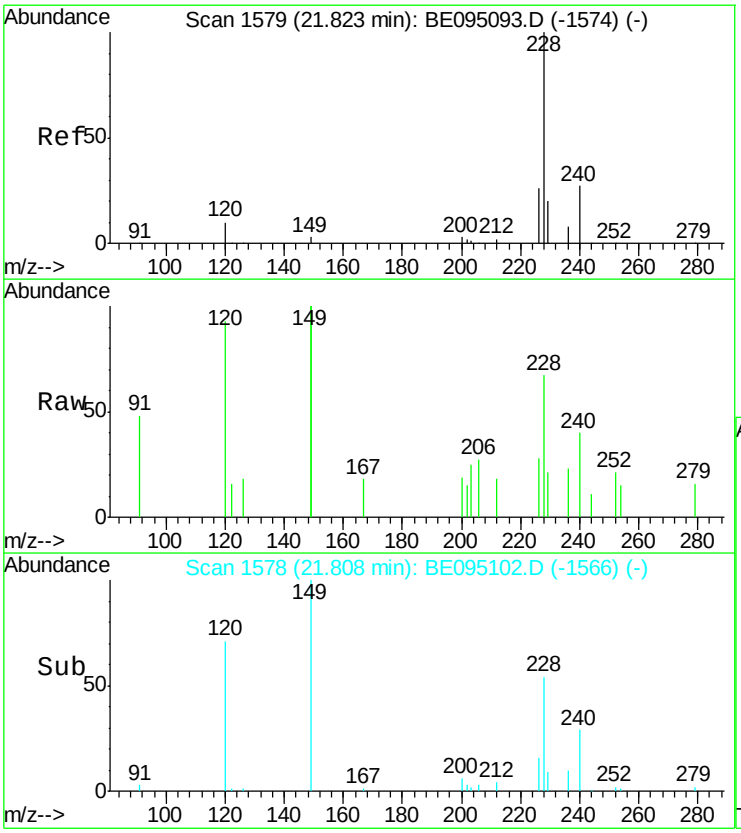
#29
Terphenyl-d14
Concen: 0.597 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 22740

Ion	Ratio	Lower	Upper
244	100		
212	6.8	25.4	38.0#
122	3.8	8.1	12.1#

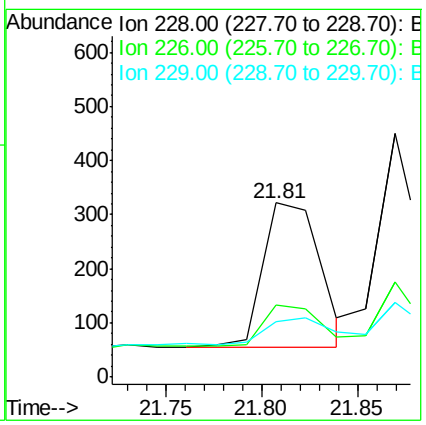


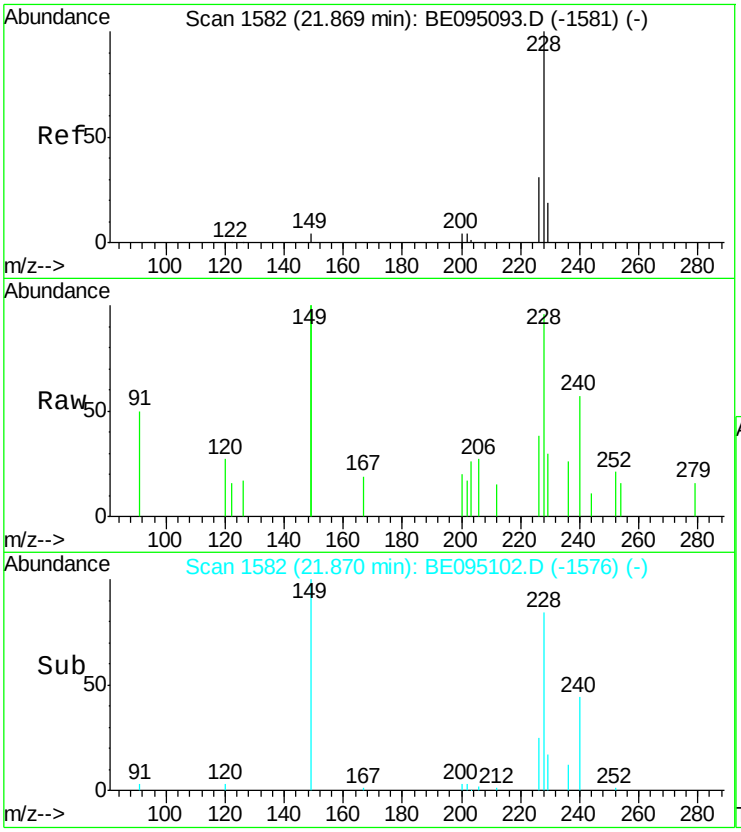


#30
Benzo(a)anthracene
Concen: 0.010 ng
RT: 21.81 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:228 Resp: 559

Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.0	36.0#
229	32.0	16.0	24.0#



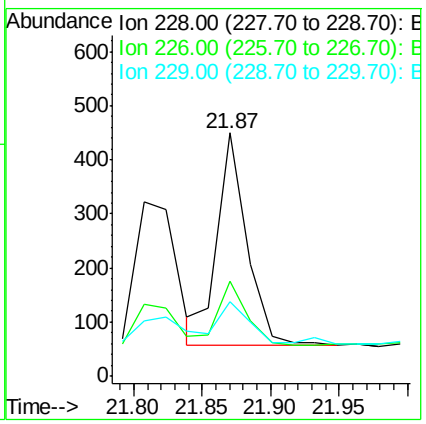


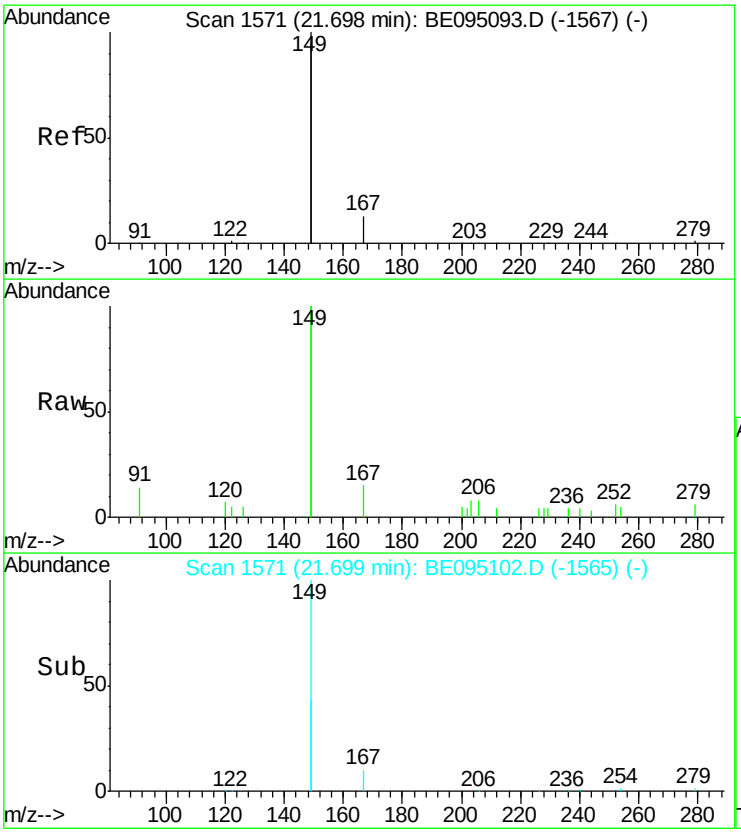
#31
Chrysene
Concen: 0.010 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 596

Ion	Ratio	Lower	Upper
228	100		
226	39.1	24.0	36.0#
229	30.7	16.0	24.0#

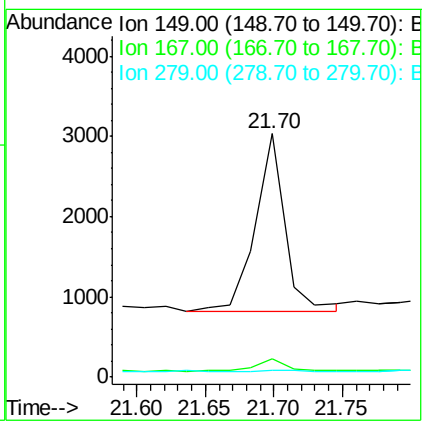


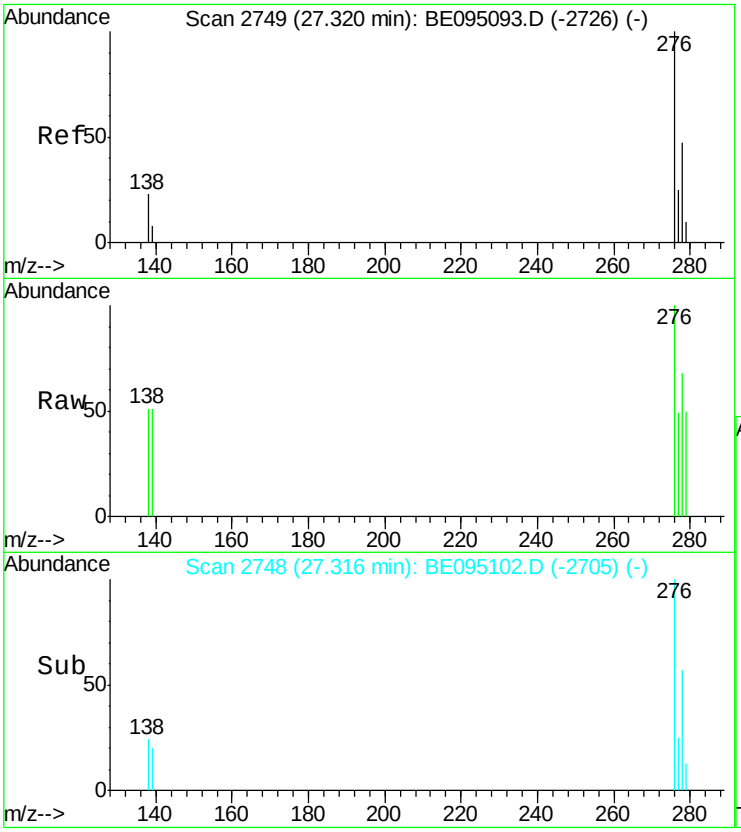


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:149 Resp: 3339

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.5	0.7	1.1#



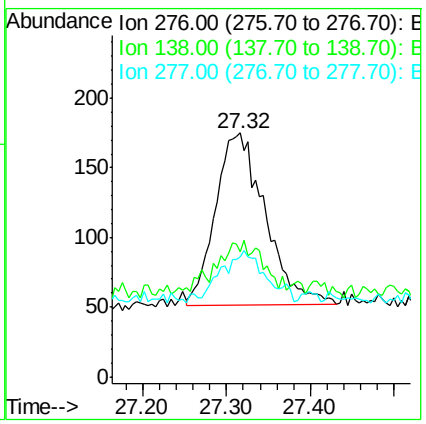


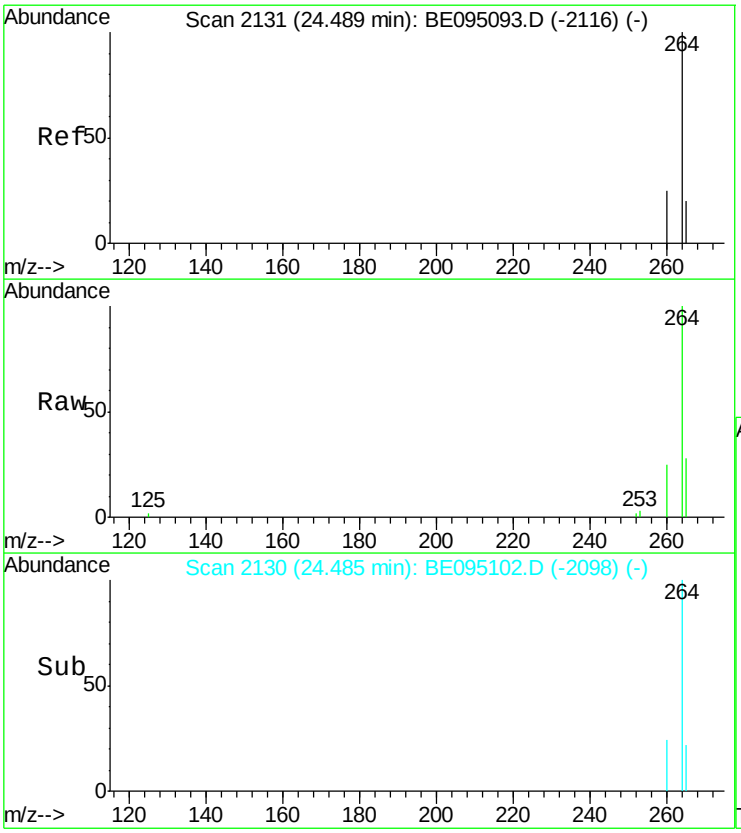
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.009 ng
RT: 27.32 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 507

Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.5	33.7
277	20.3	19.9	29.9

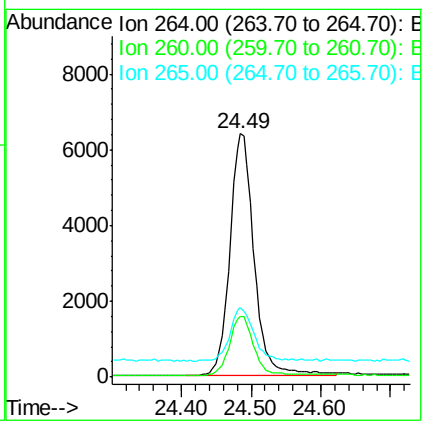


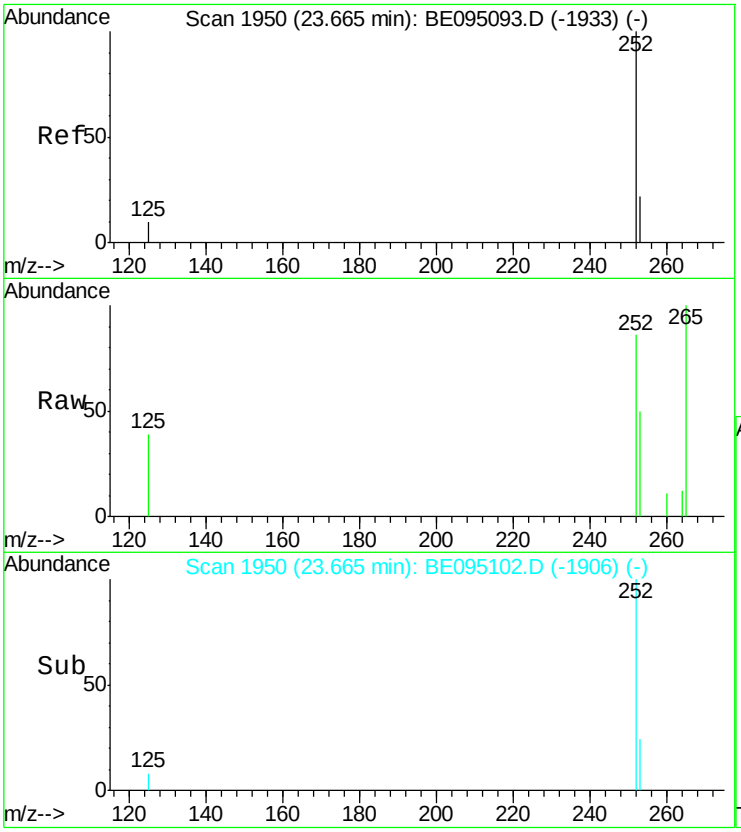


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:264 Resp: 15345

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	28.5	22.8	34.2



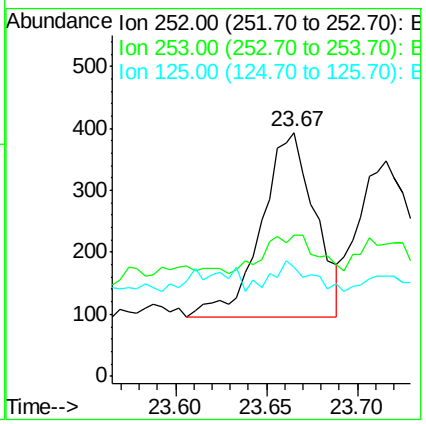


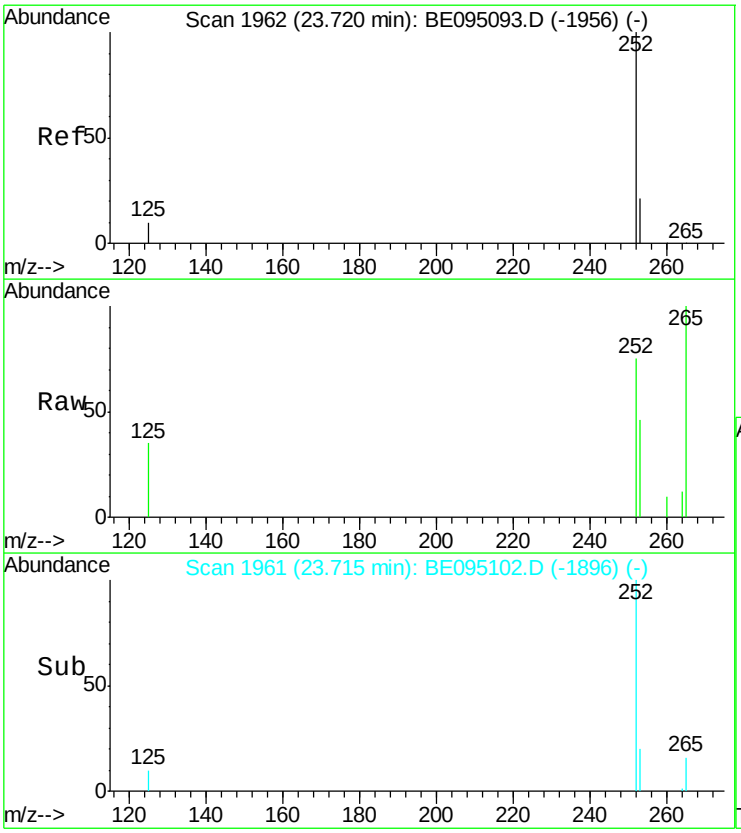
#35
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 23.67 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 611

Ion	Ratio	Lower	Upper
252	100		
253	58.0	20.0	30.0#
125	45.0	16.0	24.0#

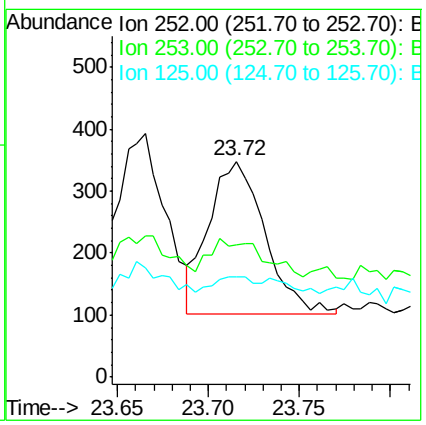


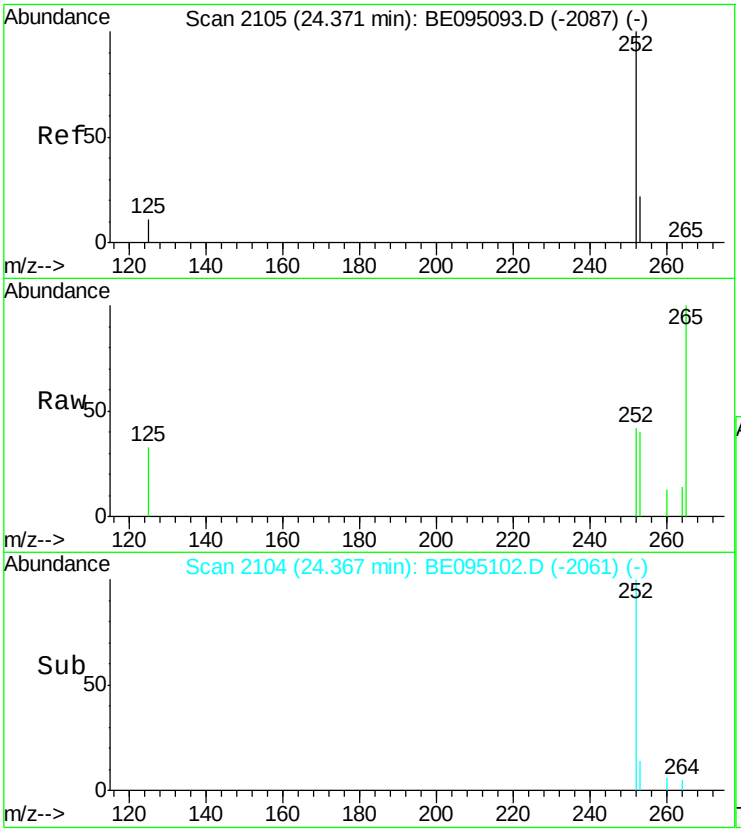


#36
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 23.72 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:252 Resp: 530

Ion	Ratio	Lower	Upper
252	100		
253	61.5	16.0	24.0#
125	46.6	8.0	12.0#



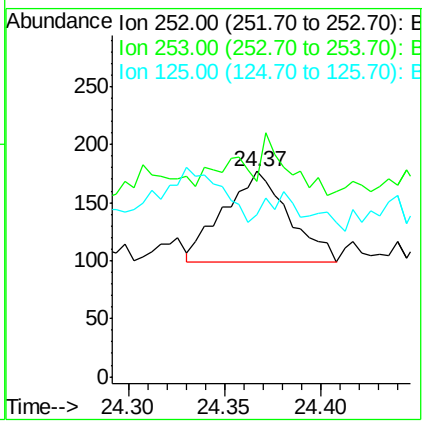


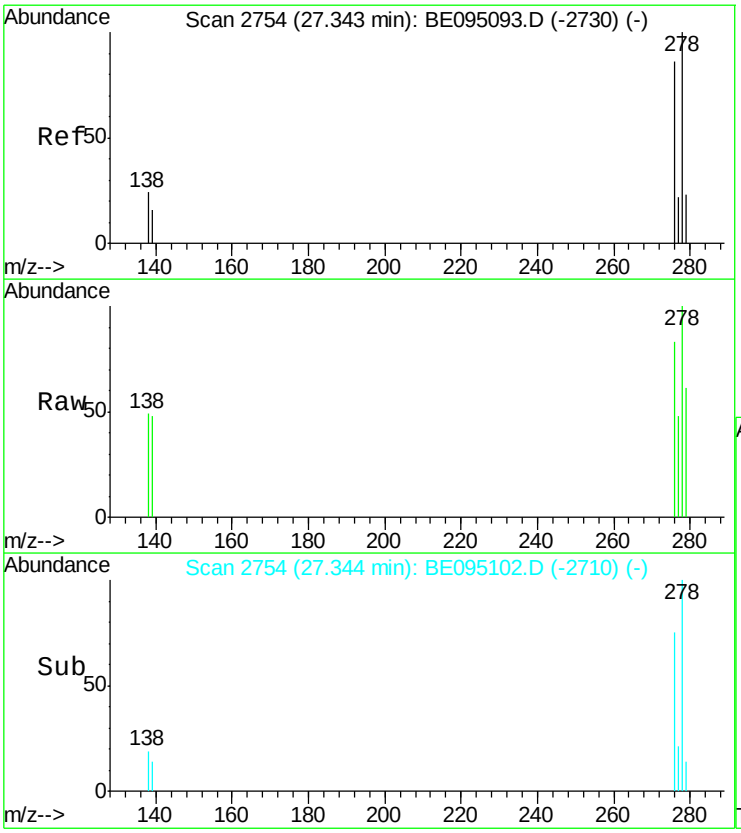
#37
Benzo(a)pyrene
Concen: 0.004 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 181

Ion	Ratio	Lower	Upper
252	100		
253	94.9	16.0	24.0#
125	79.1	12.0	18.0#

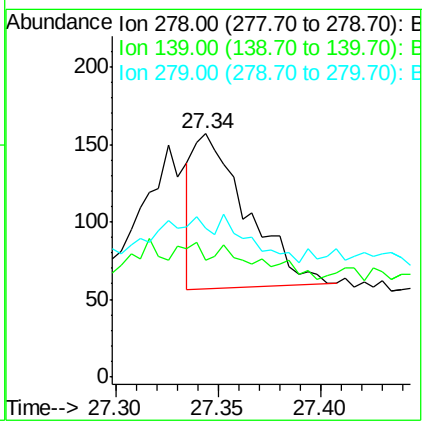


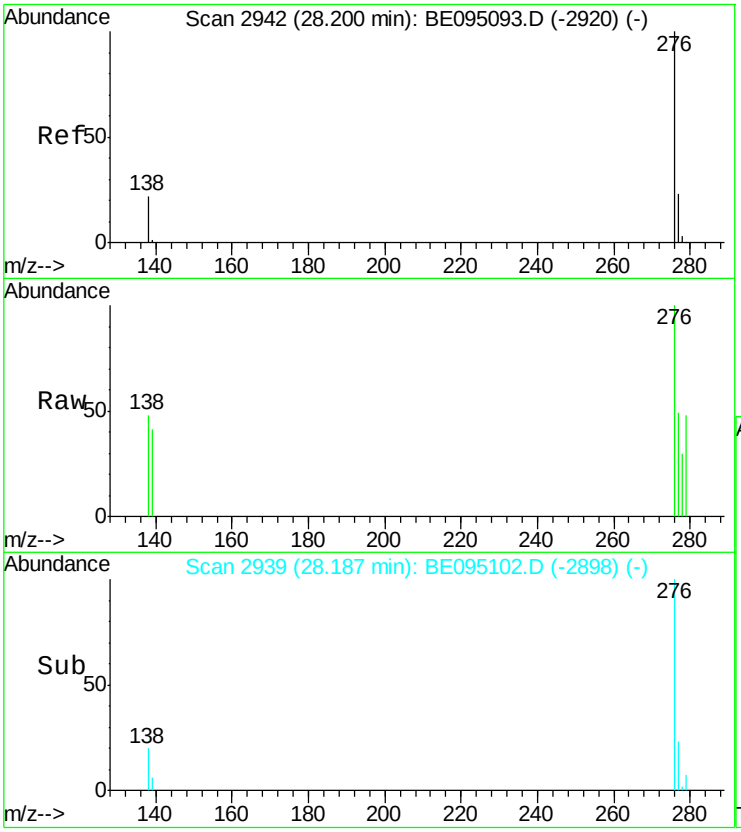


#38
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 27.34 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Tgt Ion:278 Resp: 181

Ion	Ratio	Lower	Upper
278	100		
139	47.8	16.0	24.0#
279	61.1	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.010 ng
RT: 28.19 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BE095102.D
Acq: 23 Jan 2018 18:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 452

Ion	Ratio	Lower	Upper
276	100		
277	48.6	16.0	24.0#
138	48.0	20.0	30.0#