Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095664.D
Acq On : 12 Feb 2018 16:44
Operator : SJ/JU
Sample : PB106393BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 13 03:26:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1156	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4135	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	2125	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	4872	0.40	ng		0.00
27) Chrysene-d12	21.79	240	5438	0.40	ng		0.00
34) Perylene-d12	24.43	264	5222	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1029	0.30	ng		0.00
5) Phenol-d6	7.56	99	1382	0.29	ng		0.00
8) Nitrobenzene-d5	9.53	82	130	0.03	ng		-0.08
11) 2-Methylnaphthalene-d10	12.80	152	2006	0.29	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	260	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	3224	0.35	ng		-0.02
25) Fluoranthene-d10	19.69	212	19883	0.31	ng		0.00
29) Terphenyl-d14	20.25	244	3837	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	480	0.25	ng	#	24
3) n-Nitrosodimethylamine	3.99	42	710	0.29	ng	#	84
6) bis(2-Chloroethyl)ether	7.82	93	1190	0.27	ng		97
9) Naphthalene	11.31	128	13828	0.29	ng		99
10) Hexachlorobutadiene	11.57	225	807	0.31	ng		97
12) 2-Methylnaphthalene	12.88	142	2320	0.28	ng		95
16) Acenaphthylene	14.73	152	3288	0.27	ng		100
17) Acenaphthene	15.06	154	2088	0.28	ng		97
18) Fluorene	16.02	166	2562	0.27	ng	#	78
20) 4-Bromophenyl-phenylether	16.89	248	870	0.30	ng	#	64
21) Hexachlorobenzene	17.03	284	846	0.28	ng	#	81
22) Pentachlorophenol	17.35	266	546	0.60	ng	#	76
23) Phenanthrene	17.74	178	4326	0.29	ng		99
24) Anthracene	17.83	178	4008	0.29	ng		95
26) Fluoranthene	19.72	202	5500	0.29	ng		97
28) Pyrene	20.06	202	5684	0.25	ng	#	94
30) Benzo(a)anthracene	21.78	228	5408	0.30	ng		98
31) Chrysene	21.84	228	5244	0.29	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	11748	0.28	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	5511	0.32	ng	#	94
35) Benzo(b)fluoranthene	23.61	252	5271	0.30	ng	#	92
36) Benzo(k)fluoranthene	23.66	252	4959	0.27	ng	#	90
37) Benzo(a)pyrene	24.31	252	4914	0.30	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	4494	0.31	ng		96
39) Benzo(g,h,i)perylene	28.10	276	4695	0.30	ng	#	92

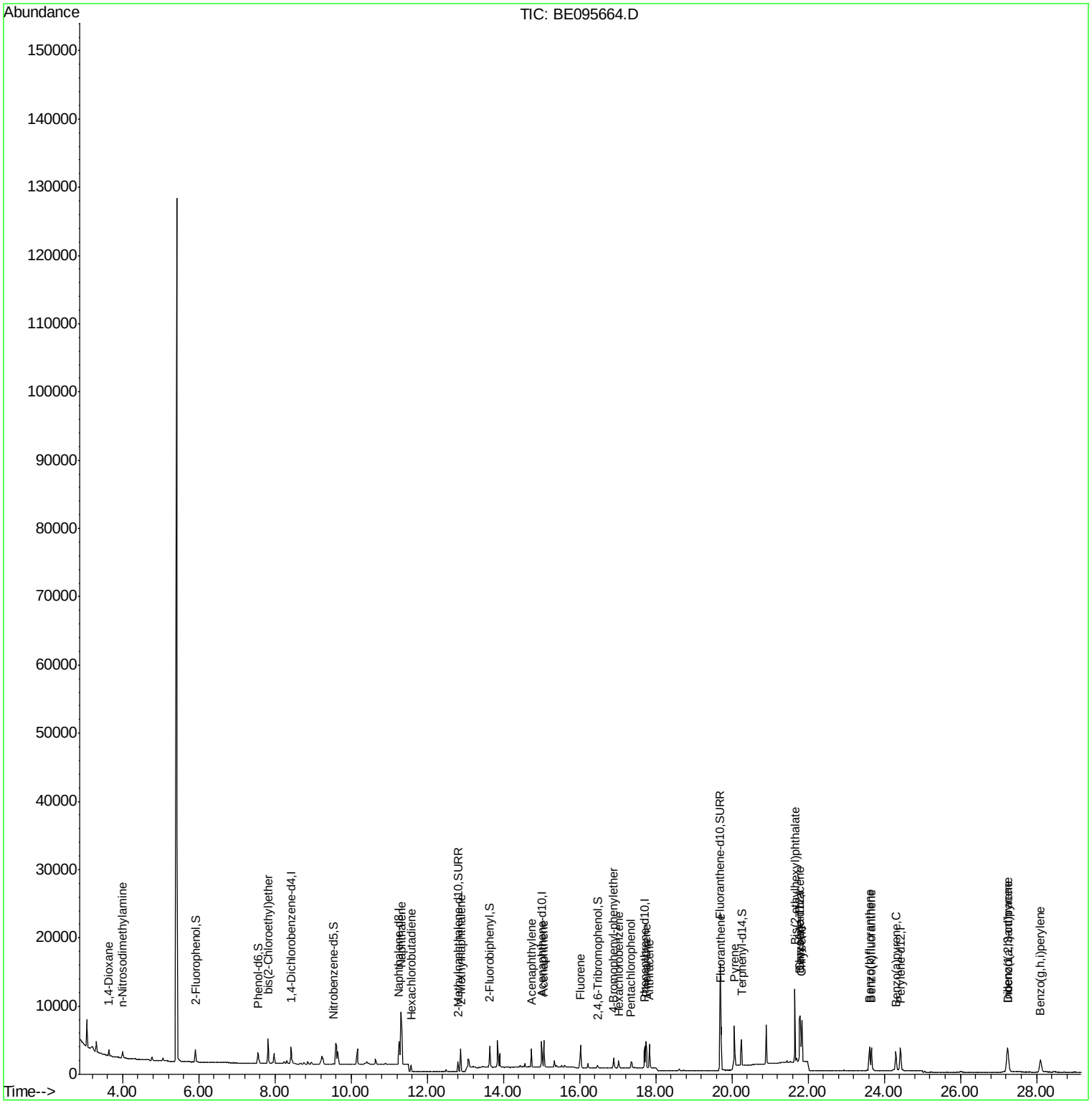
(#) = qualifier out of range (m) = manual integration (+) = signals summed

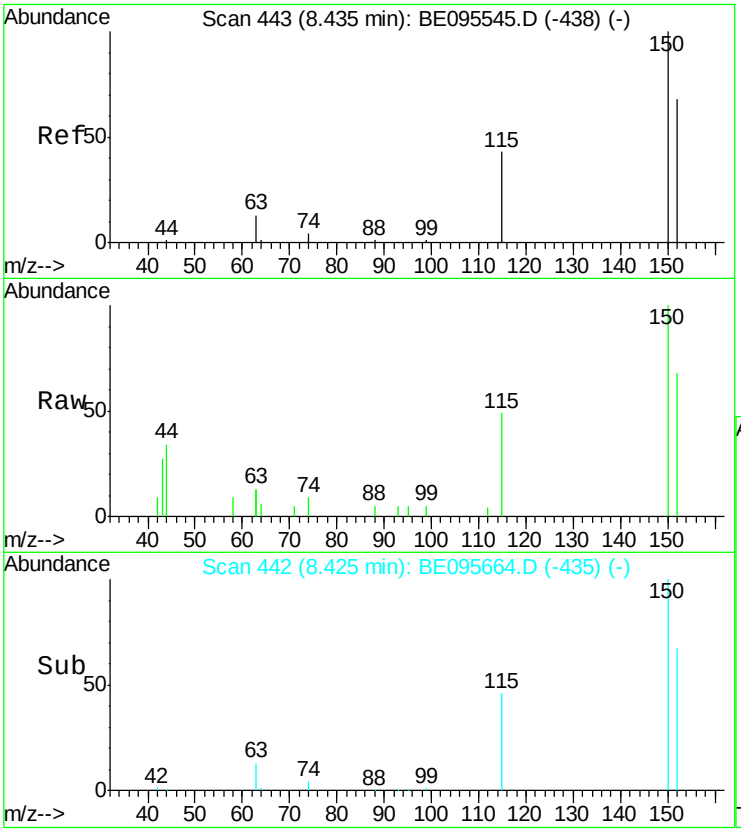
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095664.D
Acq On : 12 Feb 2018 16:44
Operator : SJ/JU
Sample : PB106393BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 13 03:26:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration



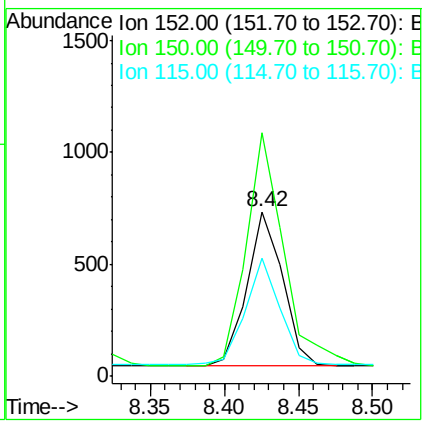


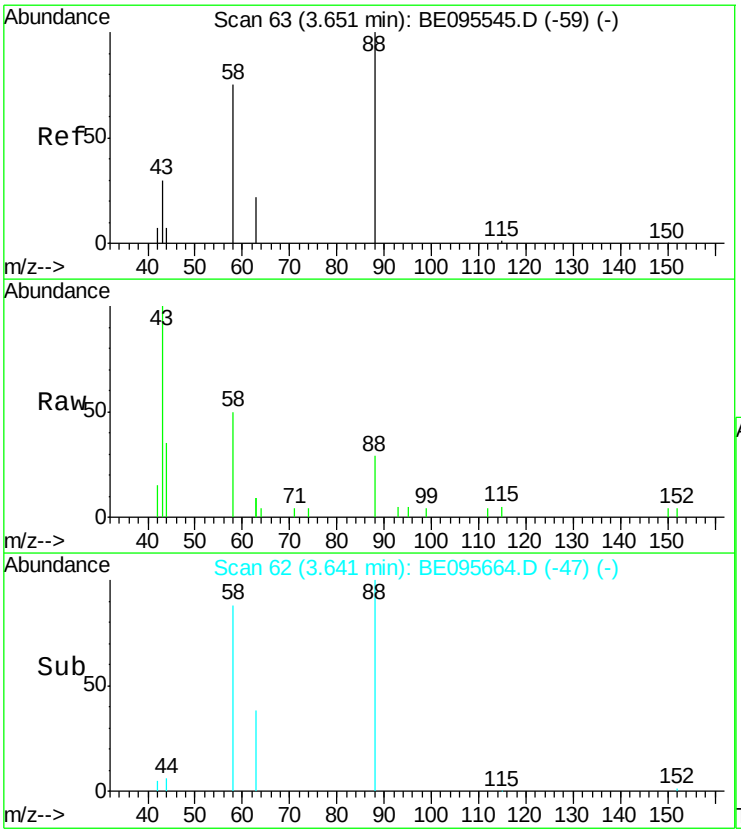
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1156

Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.2	175.8
115	71.7	57.0	85.6

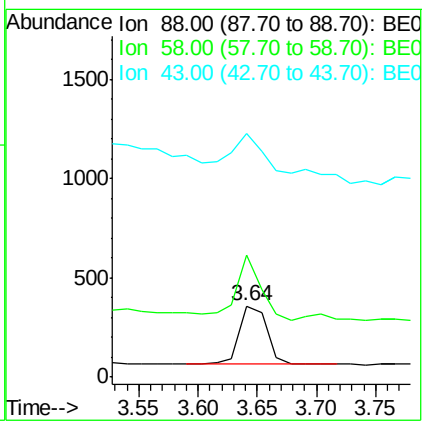


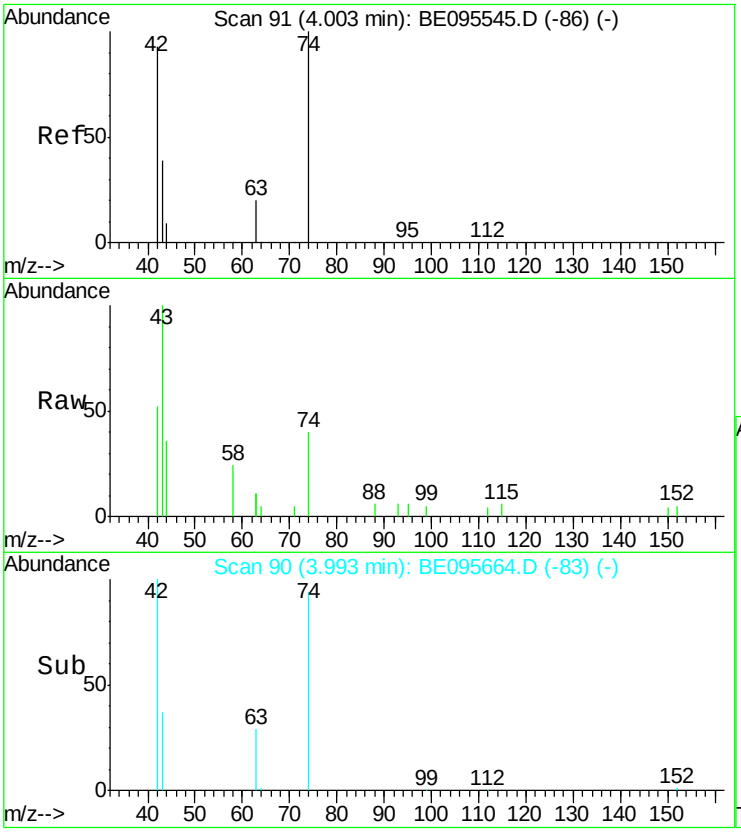


#2
1,4-Dioxane
Concen: 0.25 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion: 88 Resp: 480

Ion	Ratio	Lower	Upper
88	100		
58	100.6	63.2	94.8#
43	160.2	41.2	61.8#



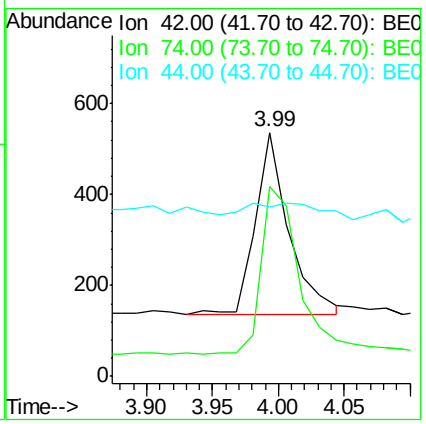


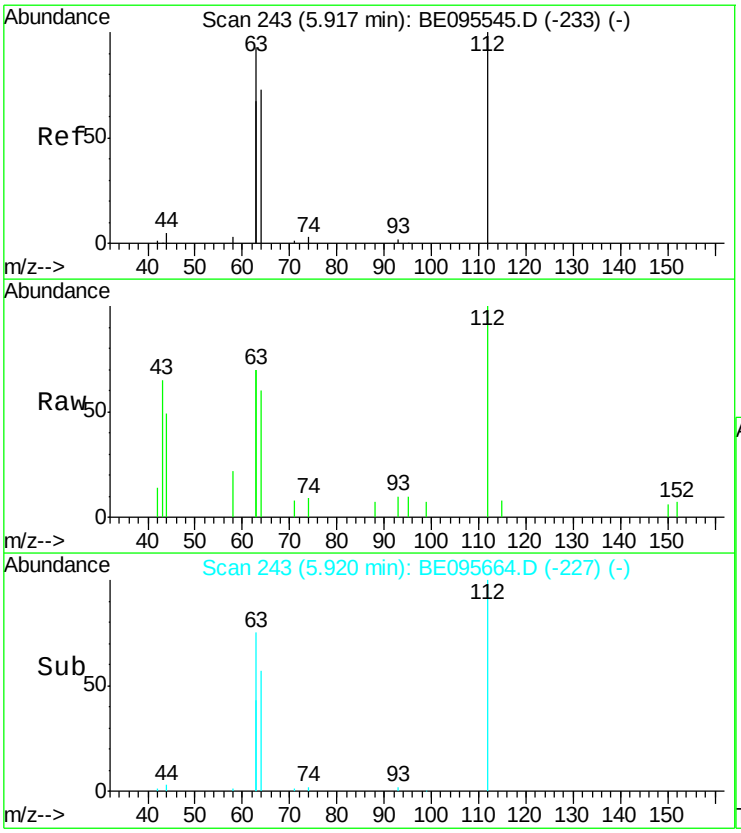
#3
n-Nitrosodimethylamine
Concen: 0.29 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 710

Ion	Ratio	Lower	Upper
42	100		
74	100.7	96.0	144.0
44	11.7	12.0	18.0#

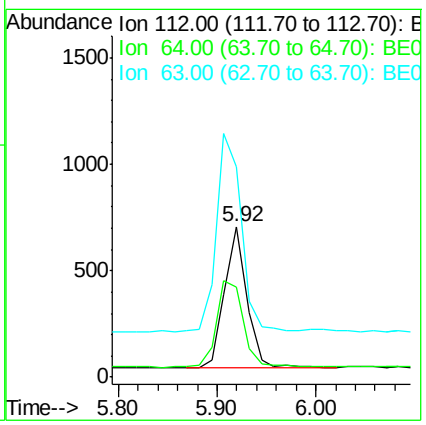


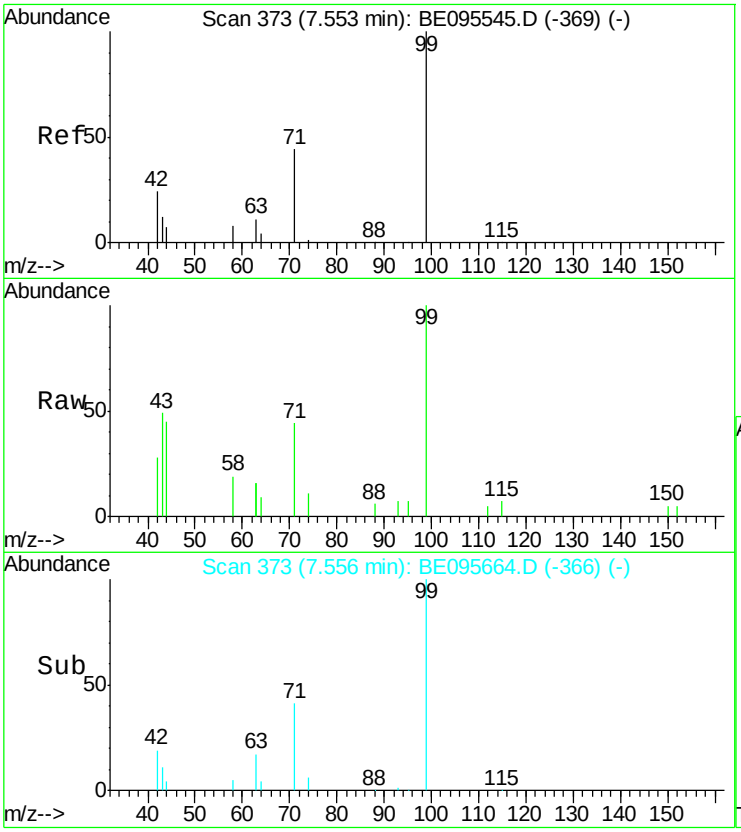


#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:112 Resp: 1029

Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.1	90.1
63	160.3	116.8	175.2



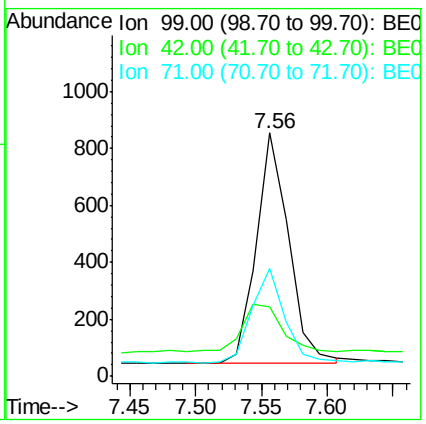


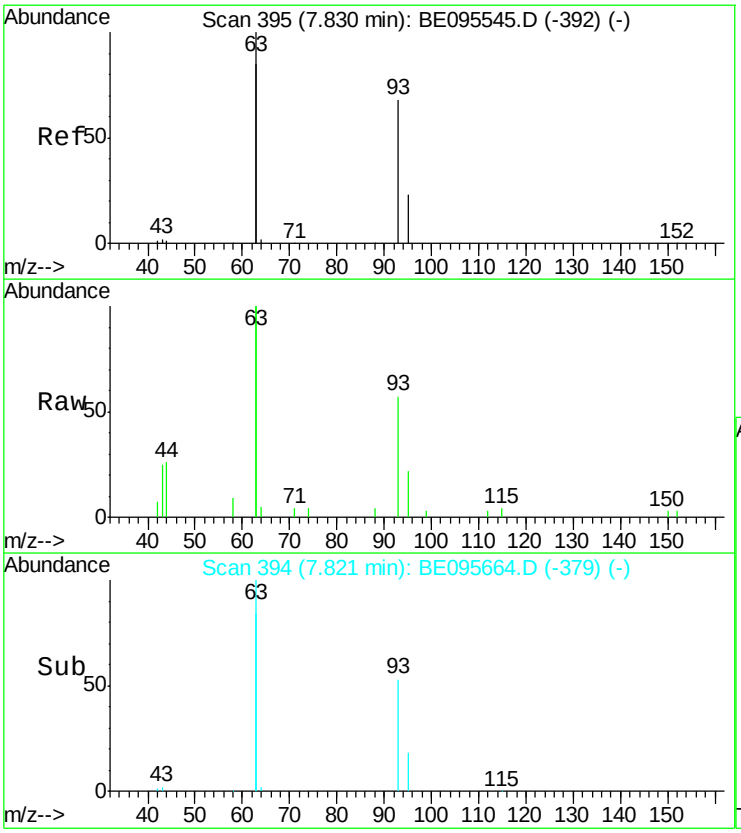
#5
Phenol-d6
Concen: 0.29 ng
RT: 7.56 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1382

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	40.5	28.4	42.6

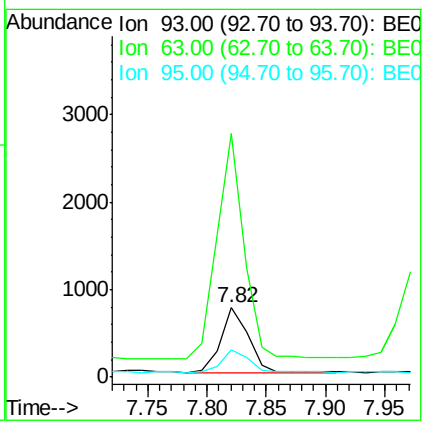


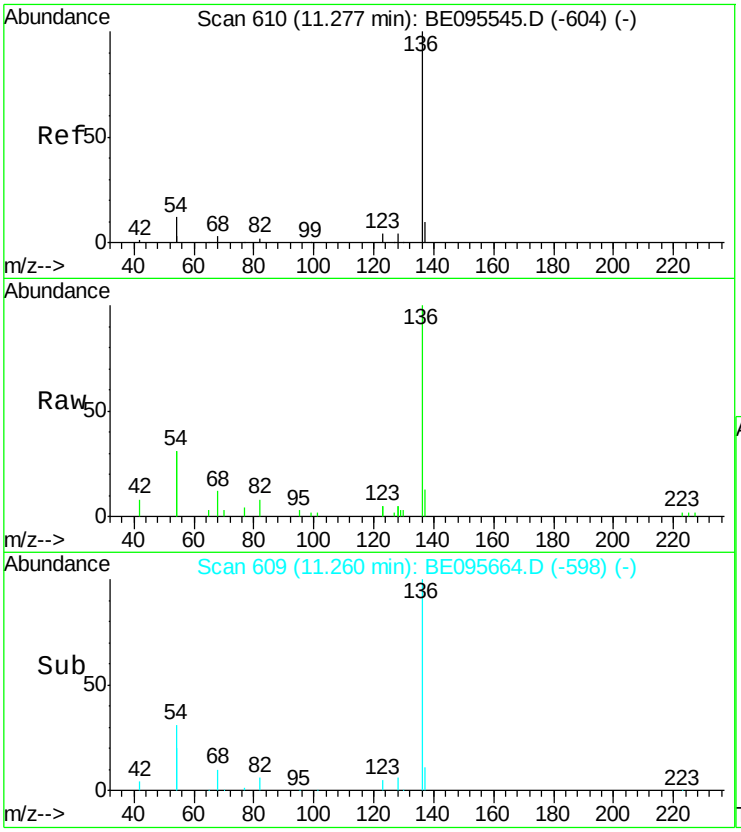


#6
bis(2-Chloroethyl)ether
Concen: 0.27 ng
RT: 7.82 min Scan# 394
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion: 93 Resp: 1190

Ion	Ratio	Lower	Upper
93	100		
63	349.7	275.3	412.9
95	34.9	25.2	37.8



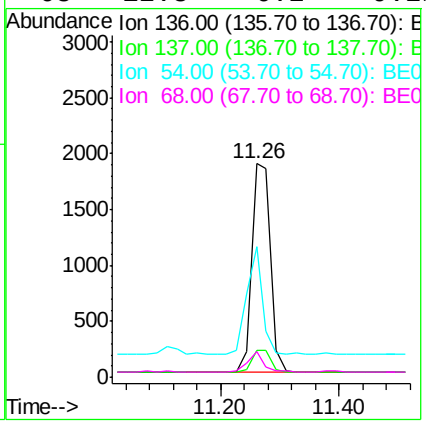


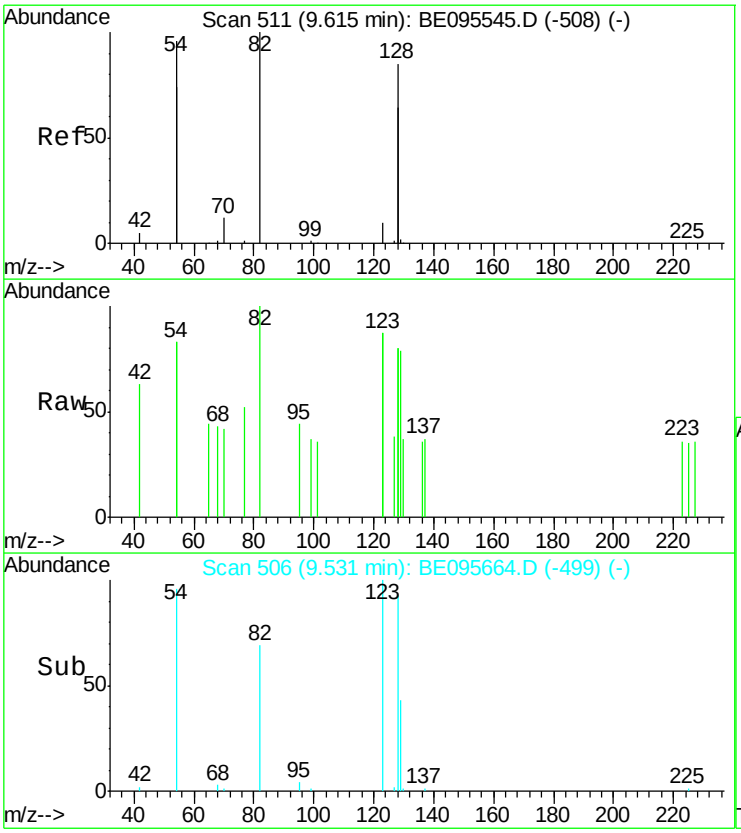
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.26 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4135

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	61.0	29.1	43.7#
68	12.3	6.2	9.2#

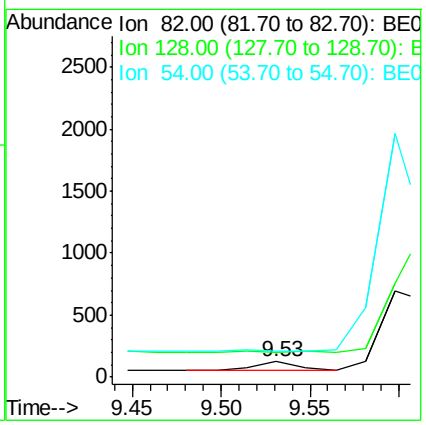


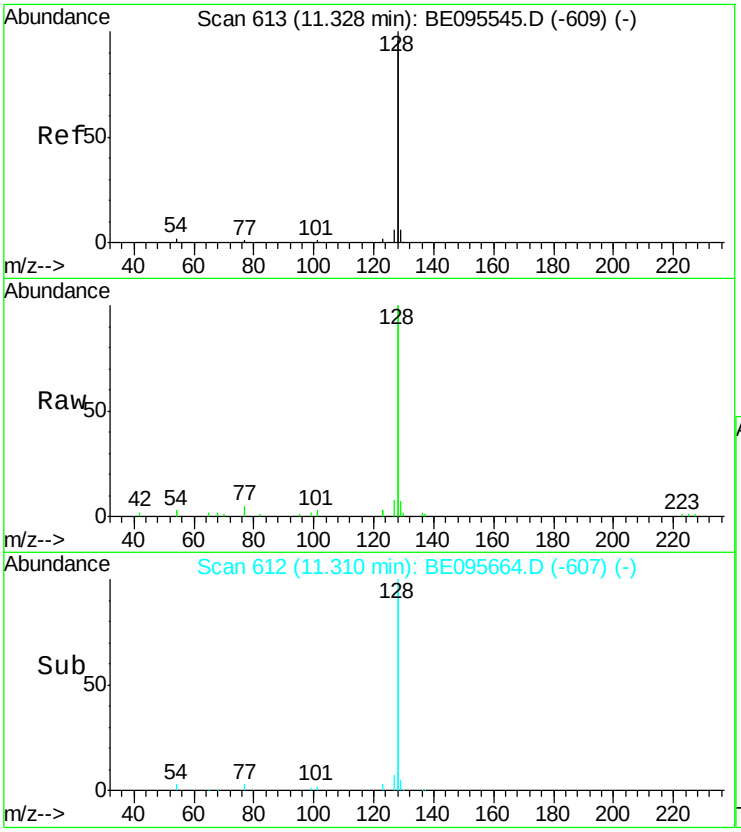


#8
Nitrobenzene-d5
Concen: 0.03 ng
RT: 9.53 min Scan# 506
Delta R.T. -0.08 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion: 82 Resp: 130

Ion	Ratio	Lower	Upper
82	100		
128	160.3	150.0	225.0
54	166.7	154.2	231.4



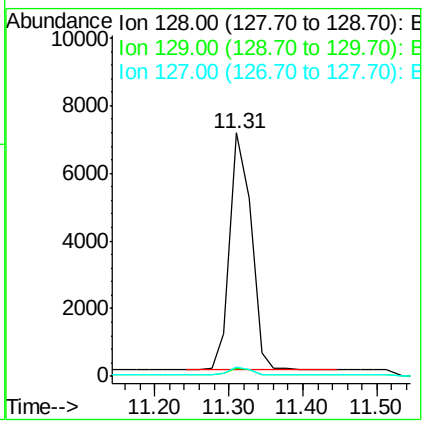


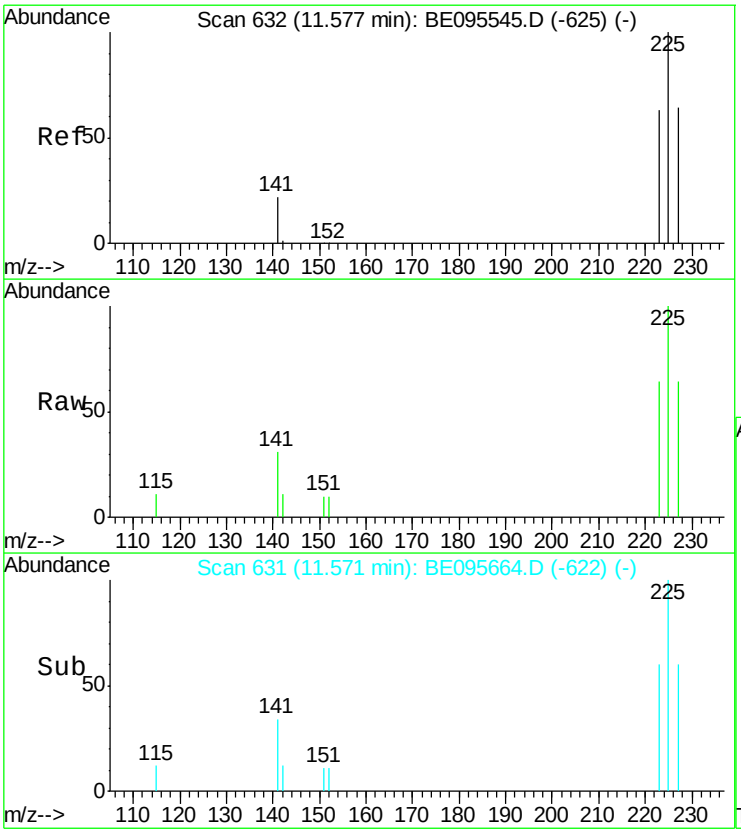
#9
Naphthalene
Concen: 0.29 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13828

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2

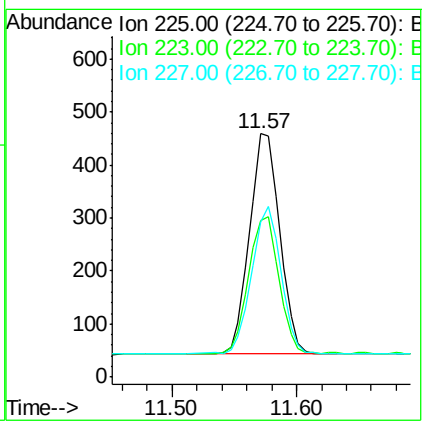


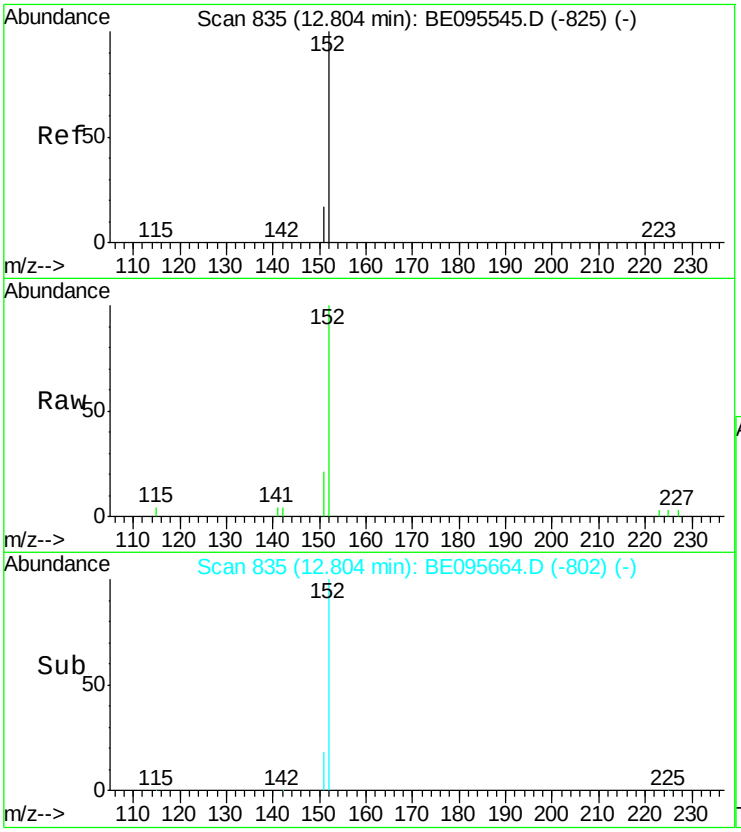


#10
Hexachlorobutadiene
Concen: 0.31 ng
RT: 11.57 min Scan# 631
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:225 Resp: 807

Ion	Ratio	Lower	Upper
225	100		
223	62.2	53.0	79.6
227	65.1	51.4	77.2



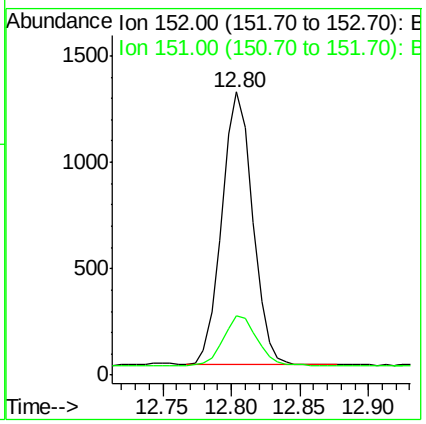


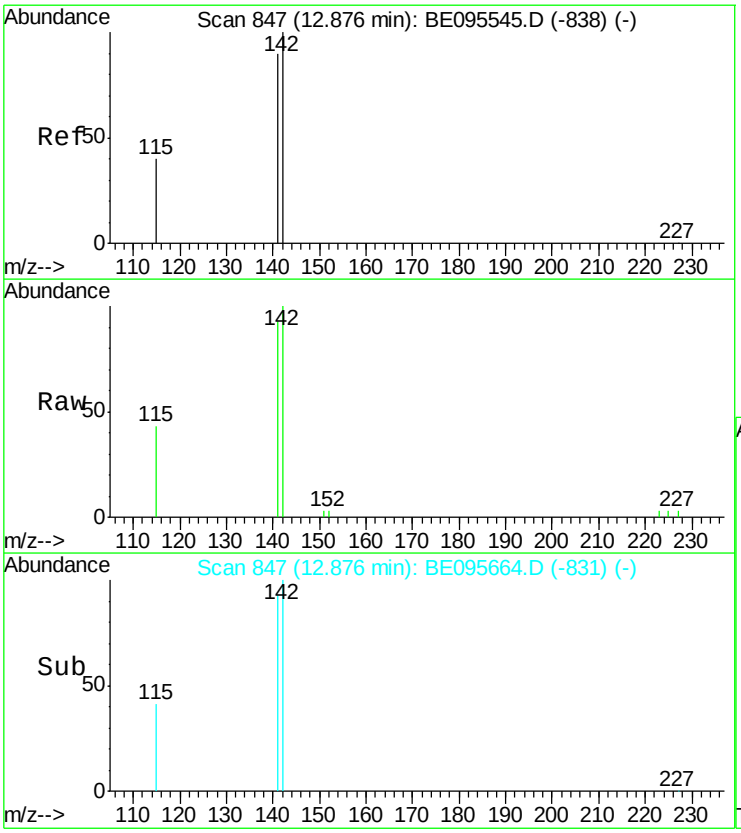
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2006

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

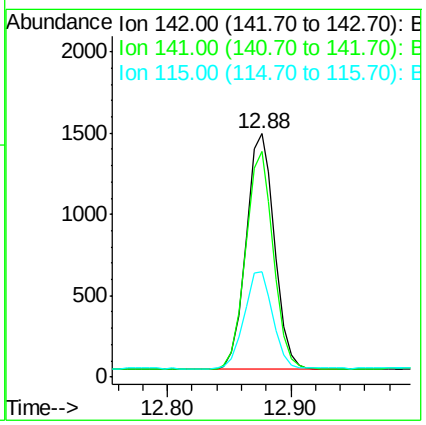


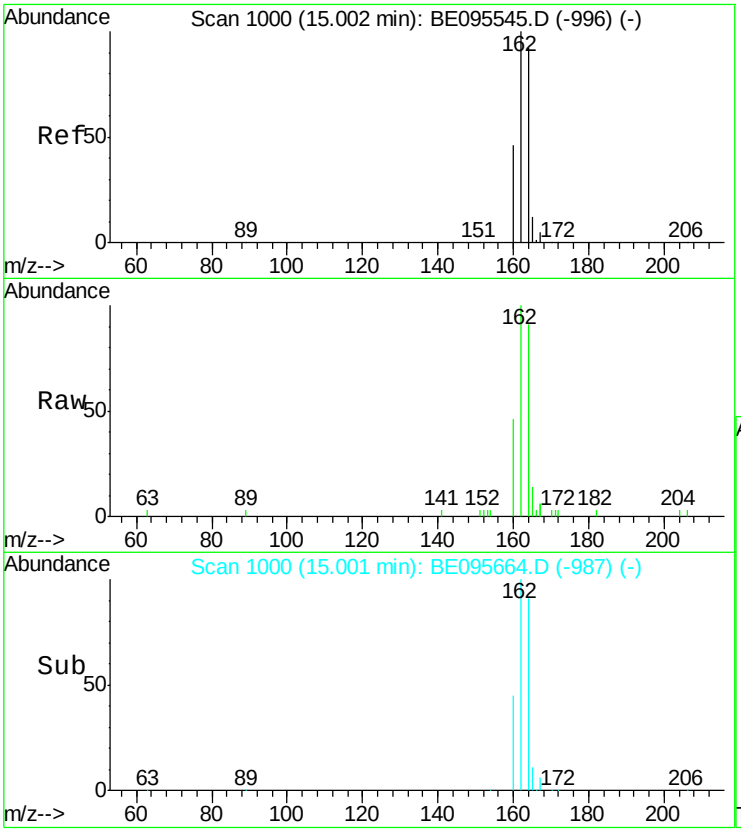


#12
2-Methylnaphthalene
Concen: 0.28 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:142 Resp: 2320

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	43.1	31.7	47.5



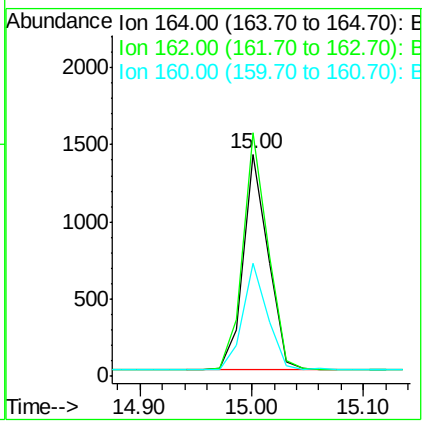


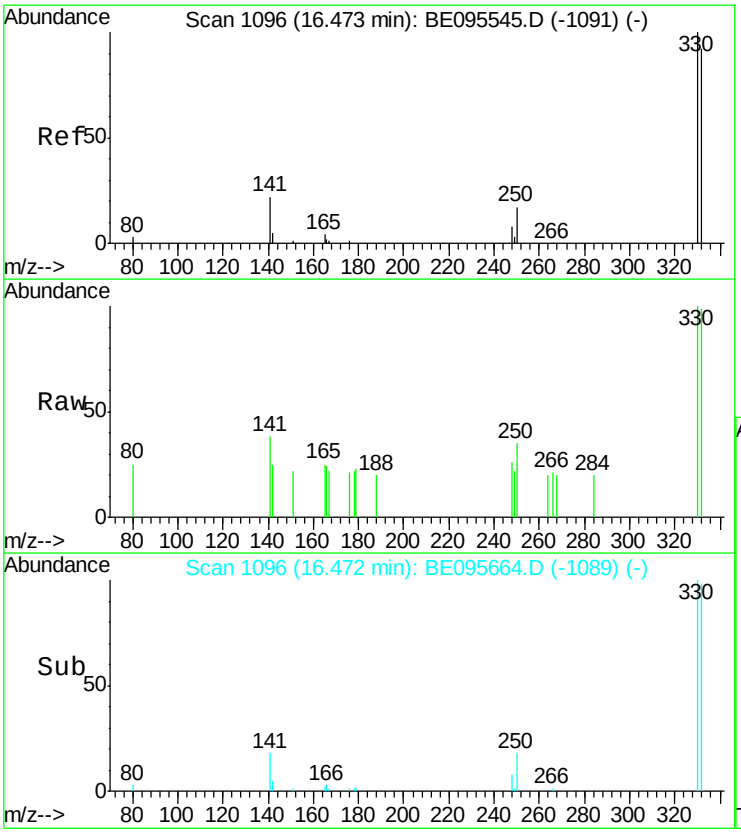
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2125

Ion	Ratio	Lower	Upper
164	100		
162	109.7	83.1	124.7
160	50.7	37.1	55.7

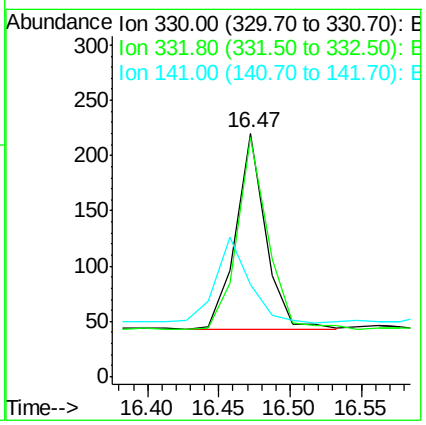


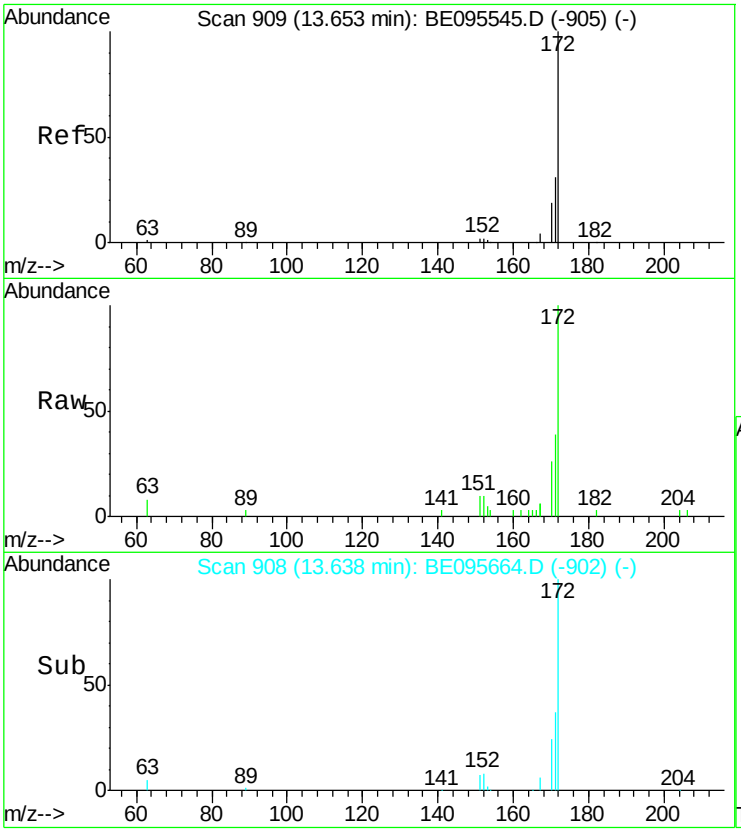


#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:330 Resp: 260

Ion	Ratio	Lower	Upper
330	100		
332	101.5	152.7	229.1#
141	48.5	33.7	50.5



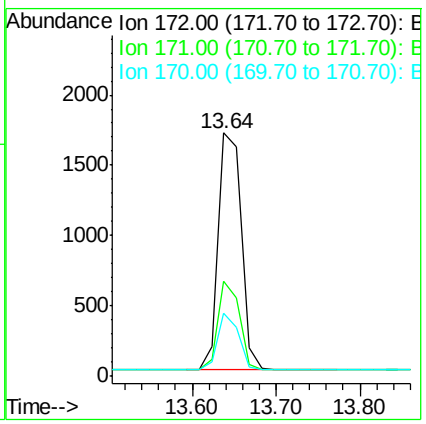


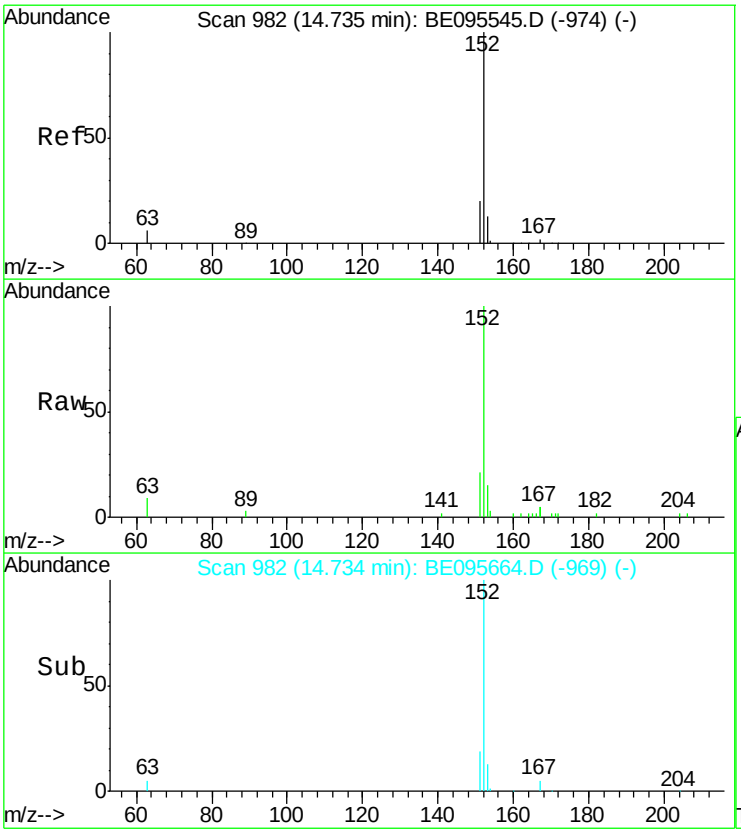
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.02 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3224

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.9	44.9
170	25.7	21.8	32.8

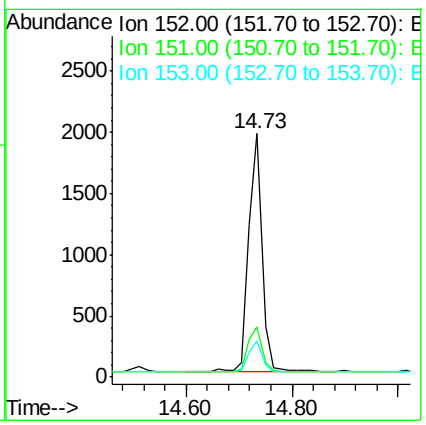


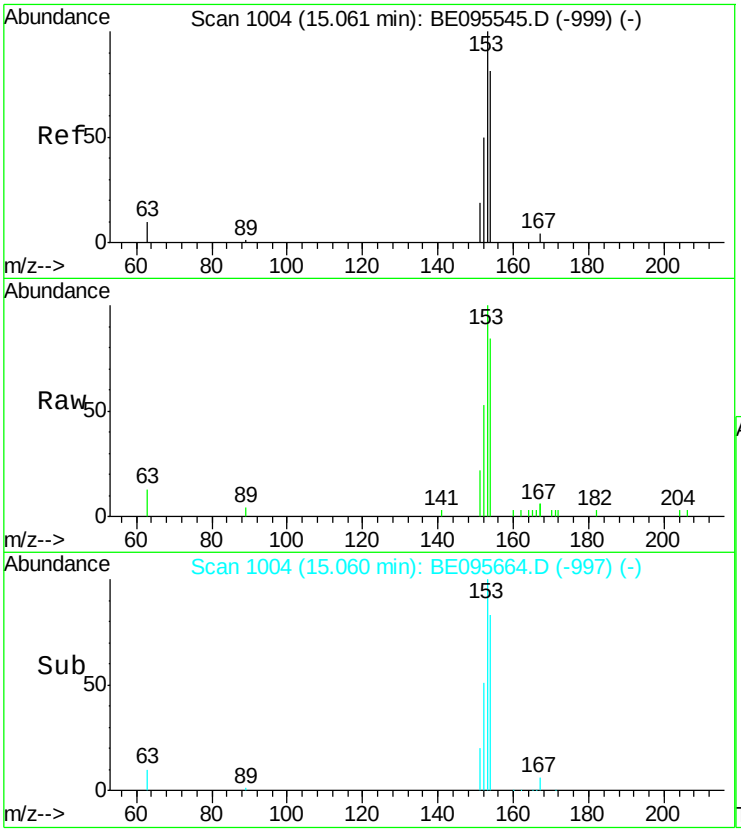


#16
Acenaphthylene
Concen: 0.27 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:152 Resp: 3288

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



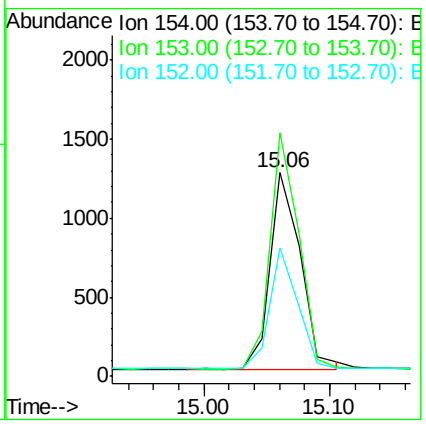


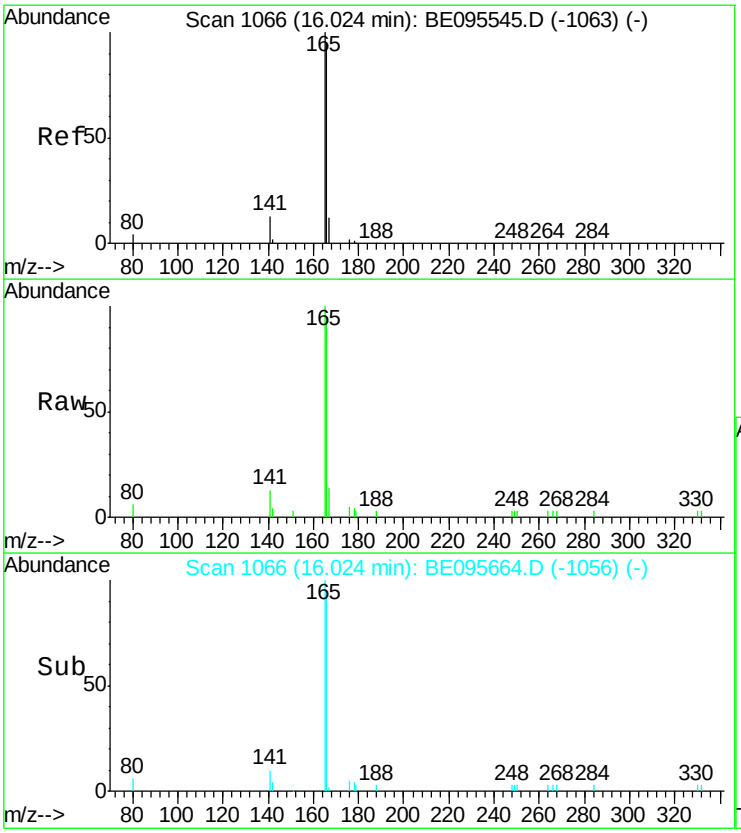
#17
Acenaphthene
Concen: 0.28 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2088

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	56.8	42.0	63.0

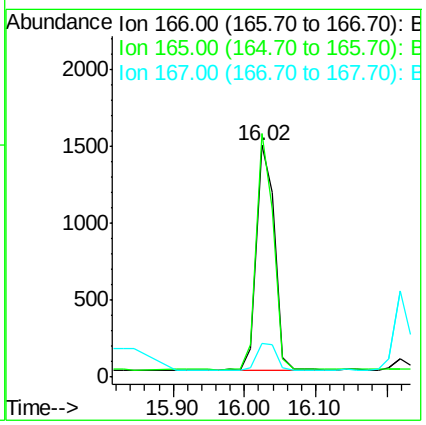


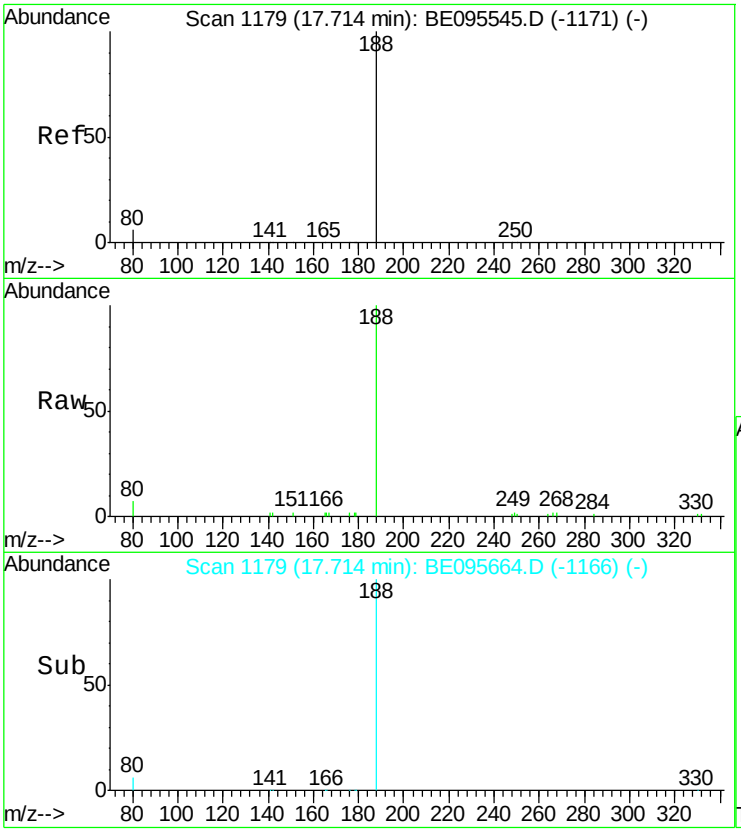


#18
Fluorene
Concen: 0.27 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:166 Resp: 2562

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.6
167	13.0	42.4	63.6#



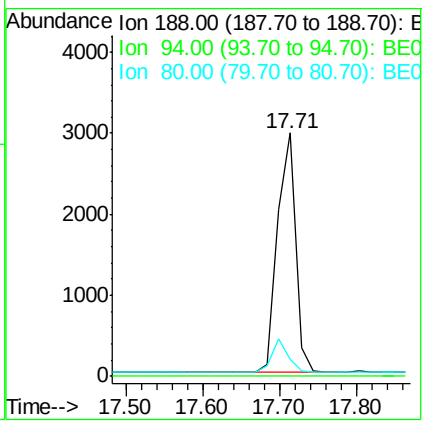


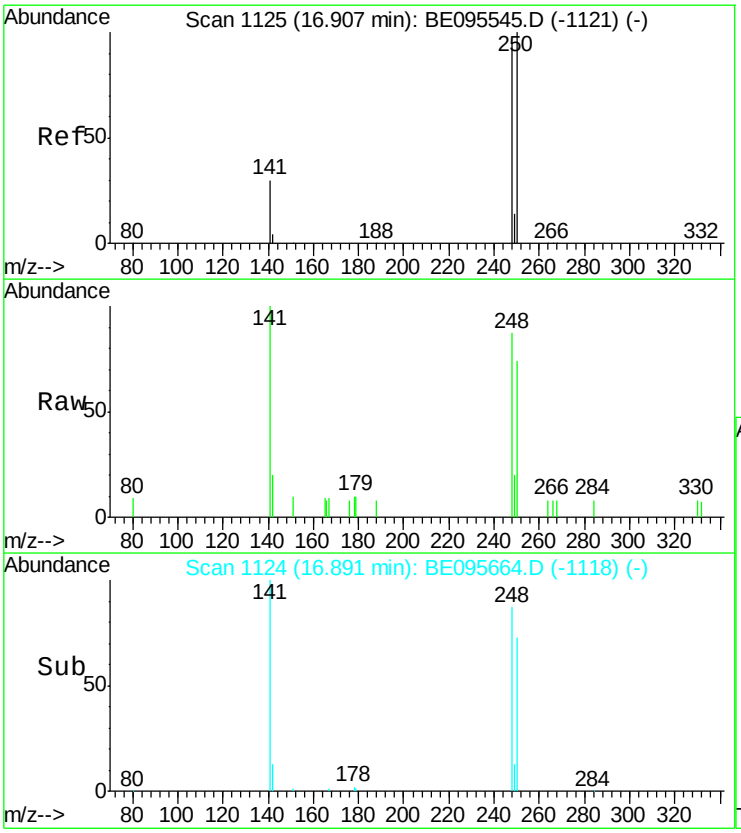
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4872

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.3	3.6	5.4#

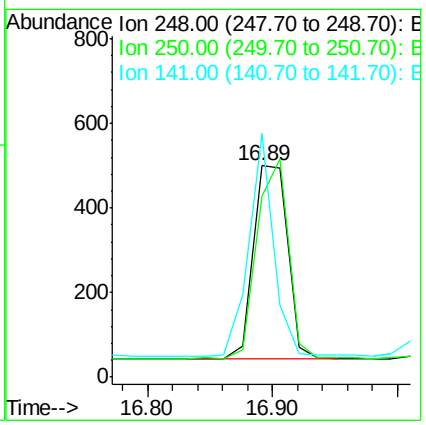


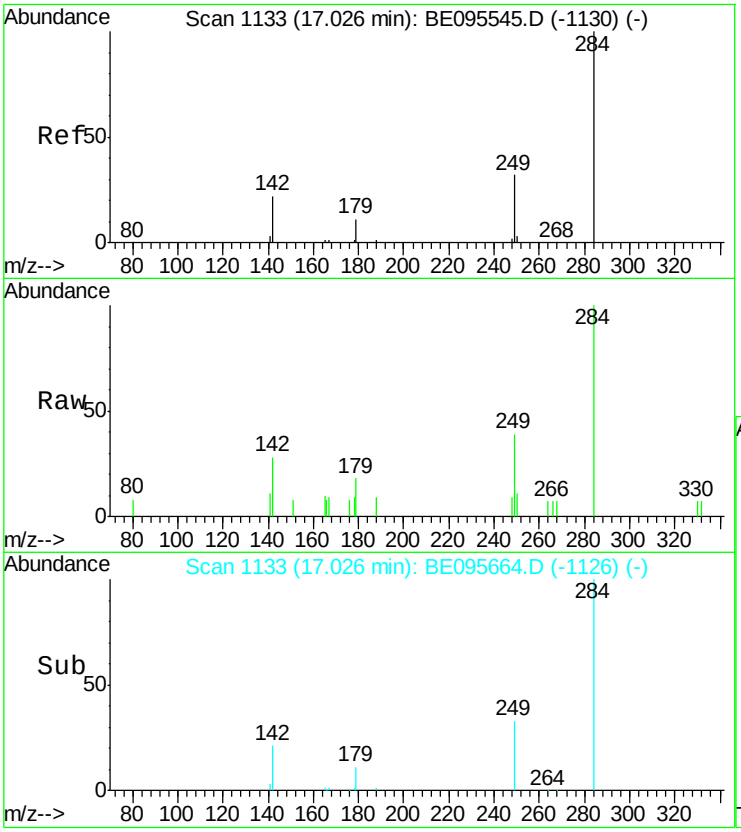


#20
4-Bromophenyl-phenylether
Concen: 0.30 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:248 Resp: 870

Ion	Ratio	Lower	Upper
248	100		
250	85.6	62.7	94.1
141	115.2	48.2	72.2#



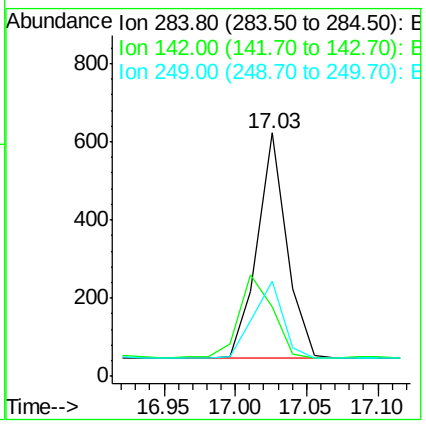


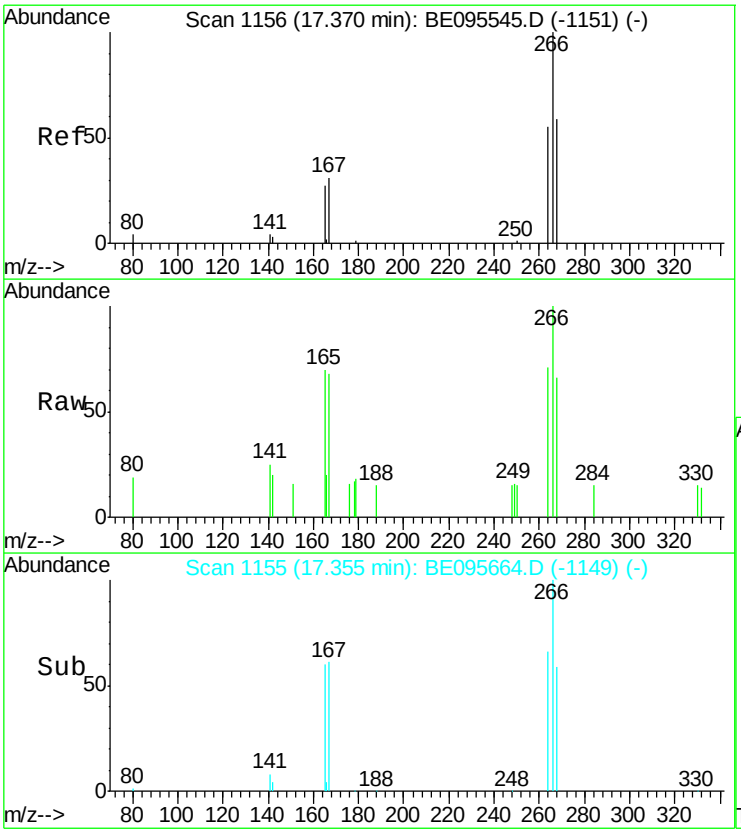
#21
Hexachlorobenzene
Concen: 0.28 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 846

Ion	Ratio	Lower	Upper
284	100		
142	41.8	22.1	33.1#
249	34.2	34.8	52.2#

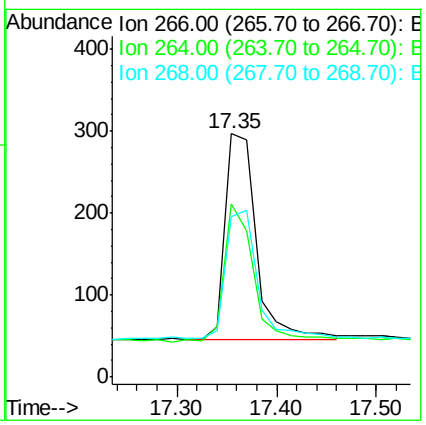


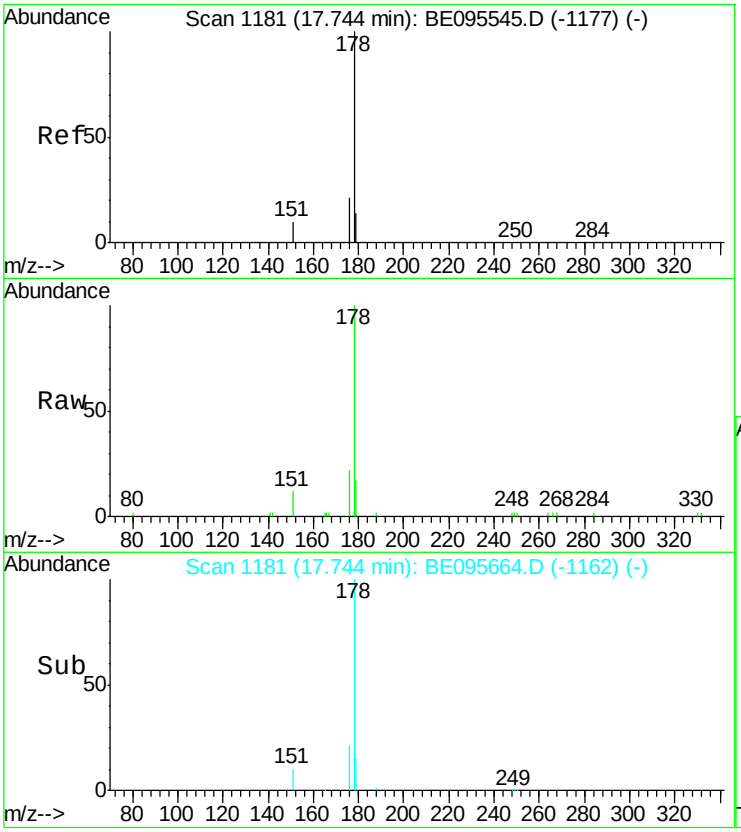


#22
Pentachlorophenol
Concen: 0.60 ng
RT: 17.35 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:266 Resp: 546

Ion	Ratio	Lower	Upper
266	100		
264	71.0	72.5	108.7#
268	66.0	73.8	110.6#



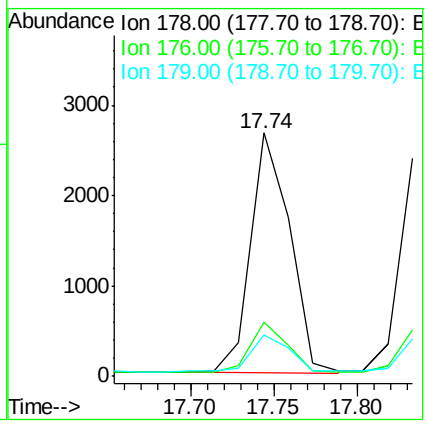


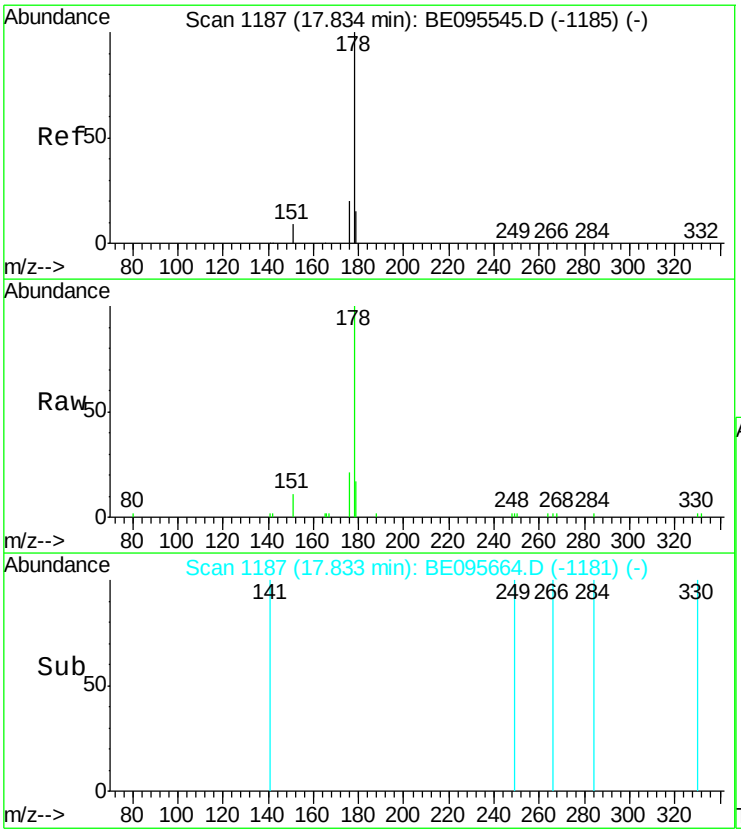
#23
Phenanthrene
Concen: 0.29 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4326

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

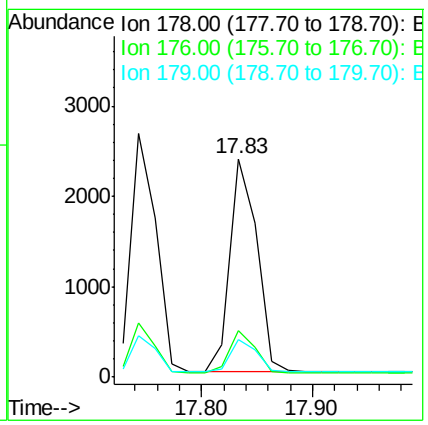


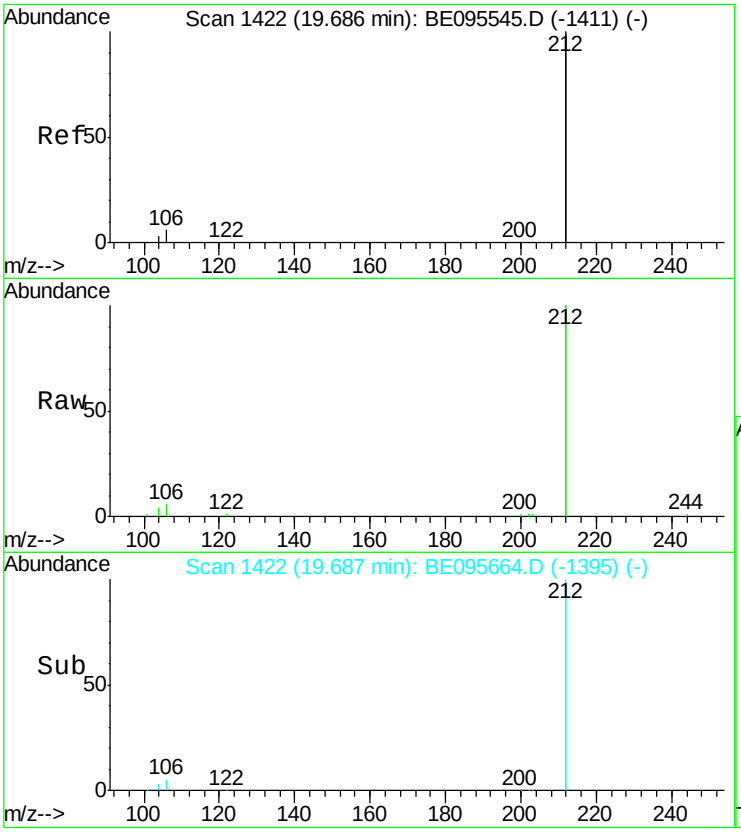


#24
Anthracene
Concen: 0.29 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:178 Resp: 4008

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.2	13.0	19.6



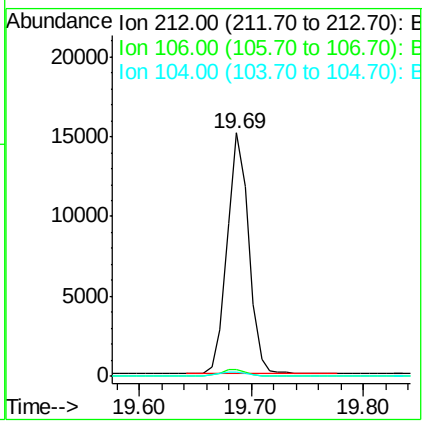


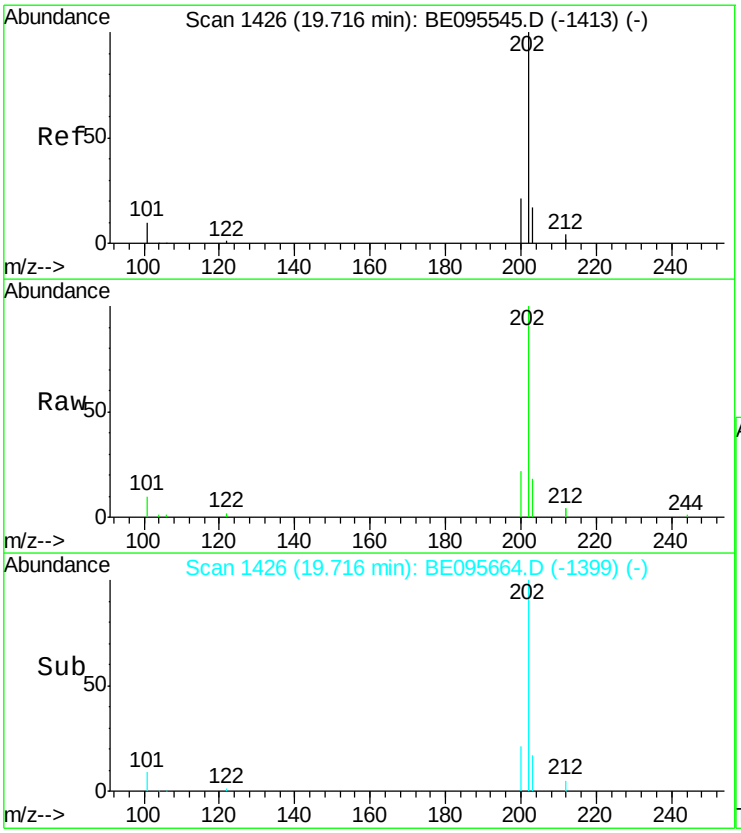
#25
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.69 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 19883

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

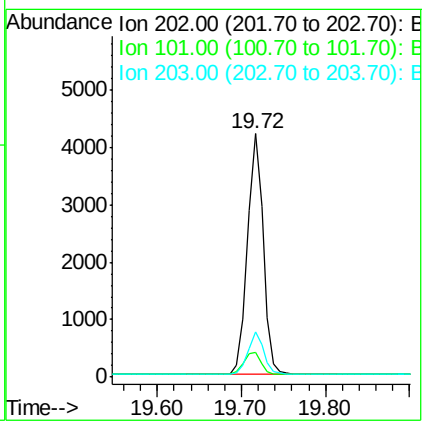


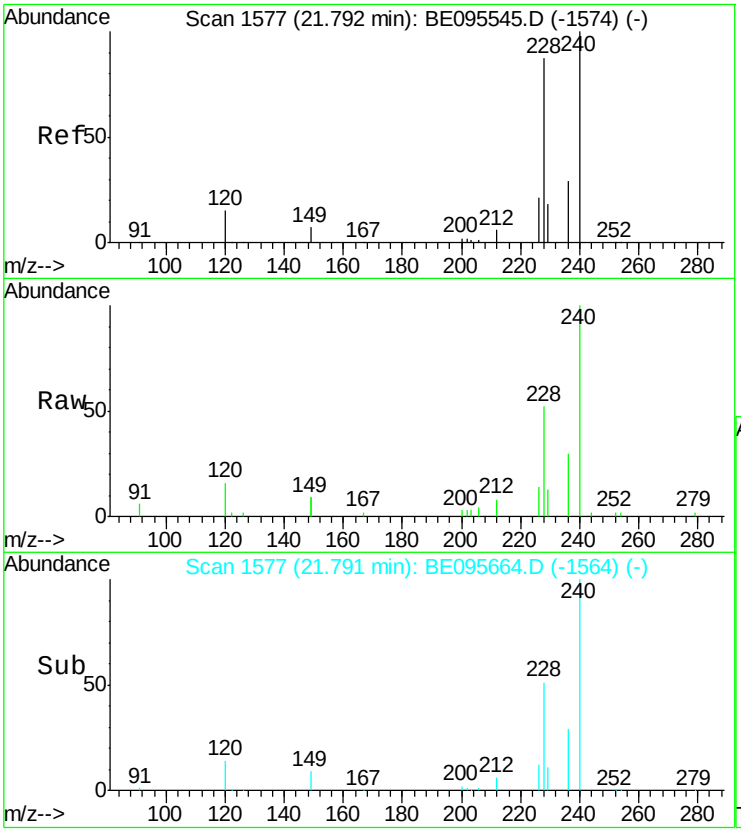


#26
Fluoranthene
Concen: 0.29 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:202 Resp: 5500

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.2	13.7	20.5



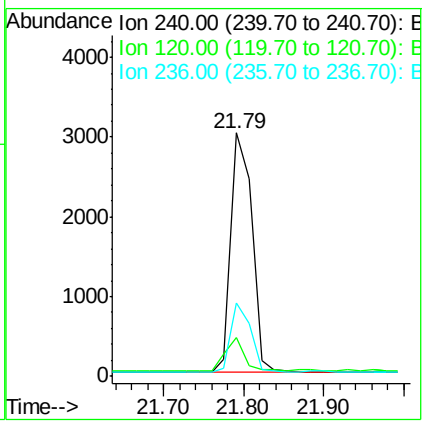


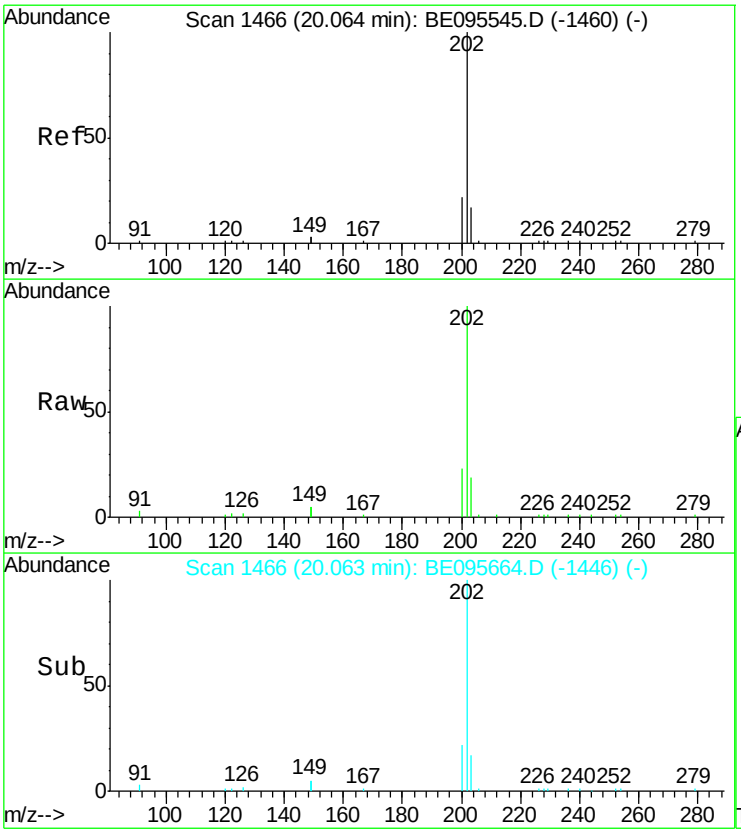
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5438

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.5	8.3#
236	30.0	20.7	31.1

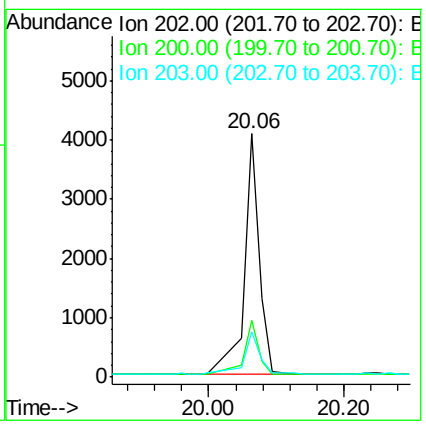


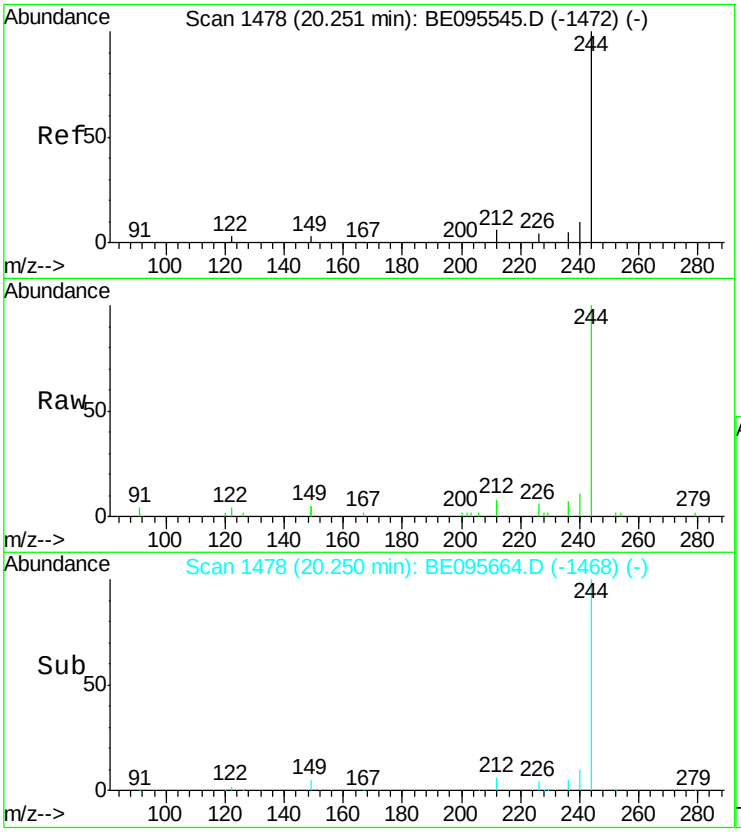


#28
Pyrene
Concen: 0.25 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:202 Resp: 5684

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.6	25.0
203	21.0	13.8	20.8#



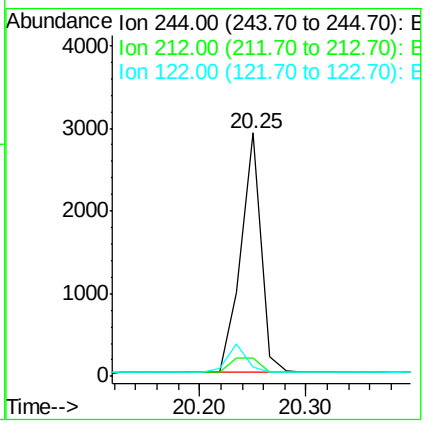


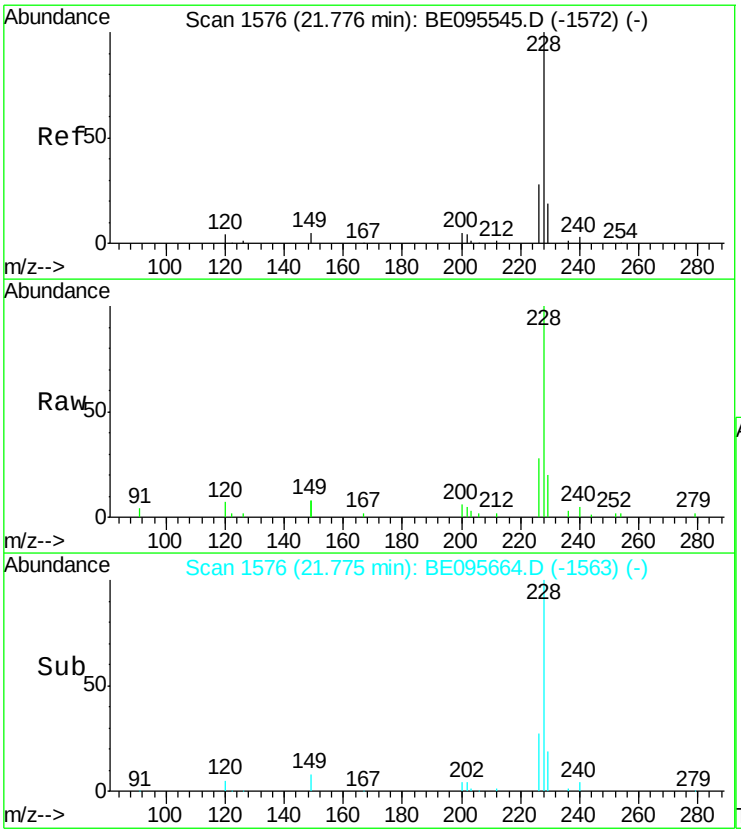
#29
Terphenyl-d14
Concen: 0.33 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3837

Ion	Ratio	Lower	Upper
244	100		
212	7.7	25.4	38.0#
122	4.0	8.1	12.1#

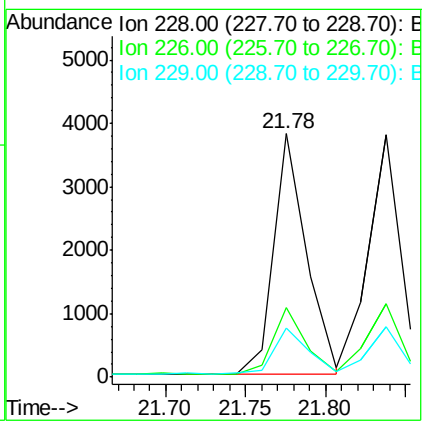


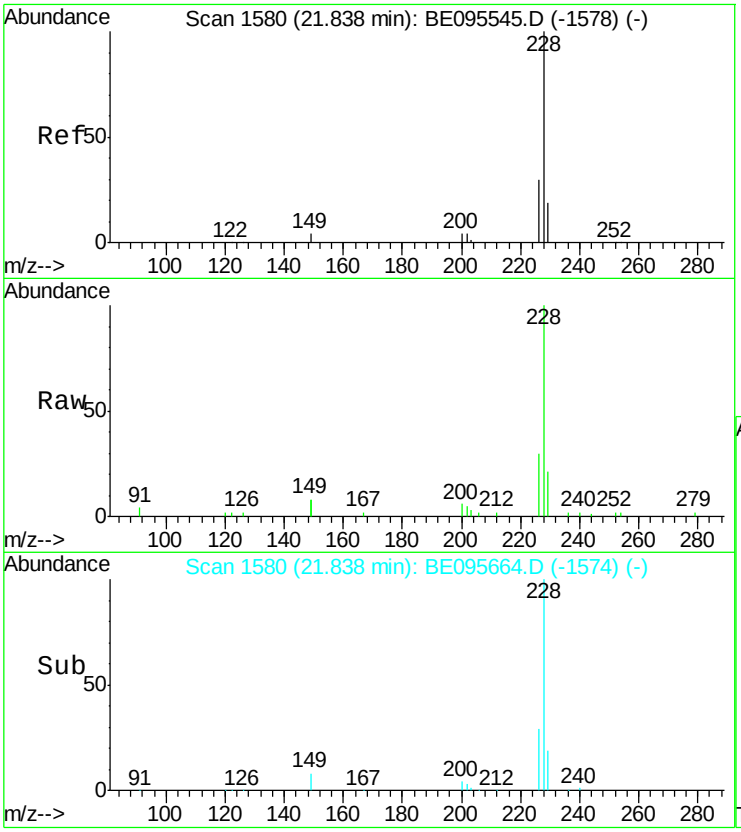


#30
Benzo(a)anthracene
Concen: 0.30 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:228 Resp: 5408

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.3	16.0	24.0



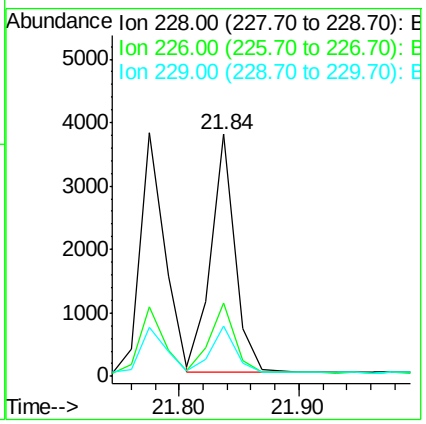


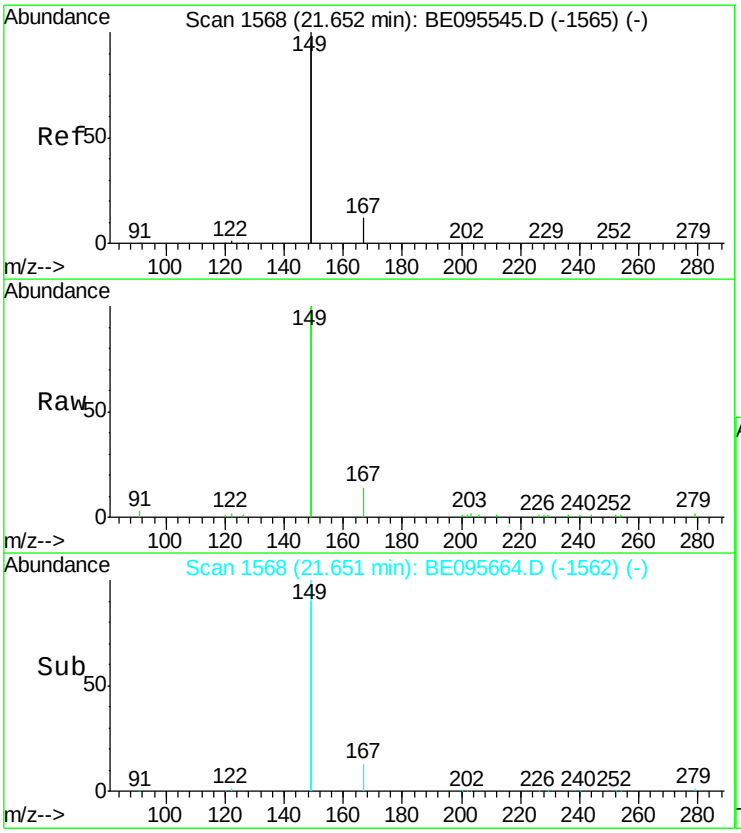
#31
Chrysene
Concen: 0.29 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5244

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.7	16.0	24.0

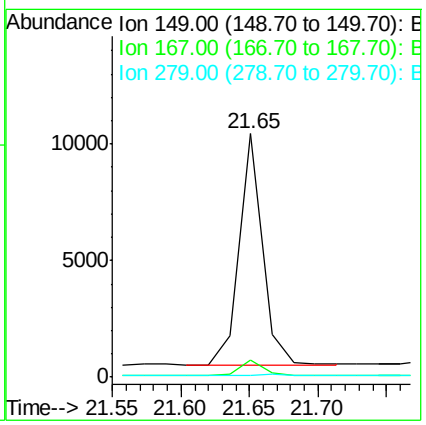


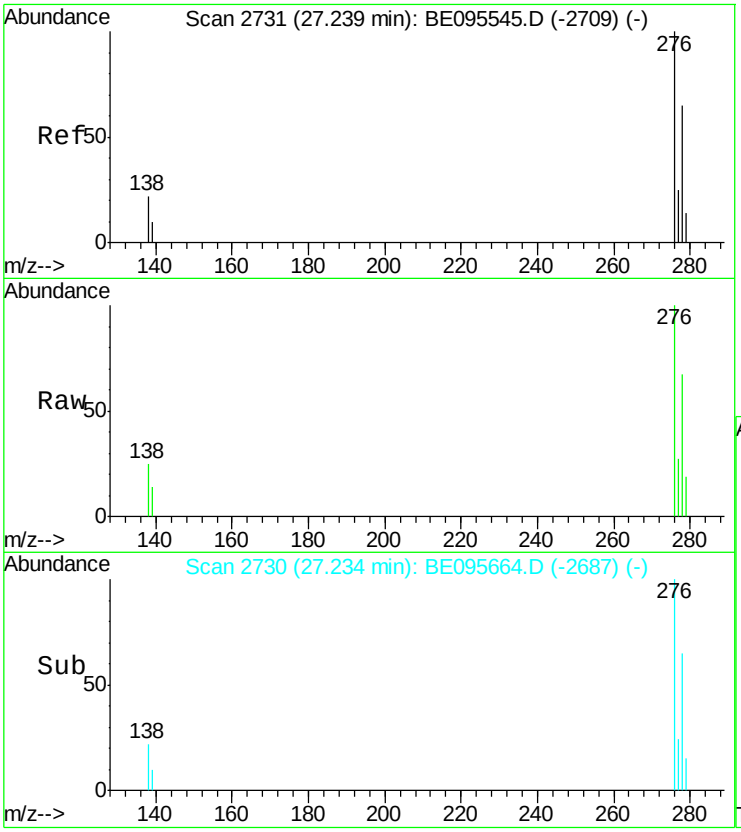


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:149 Resp: 11748

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



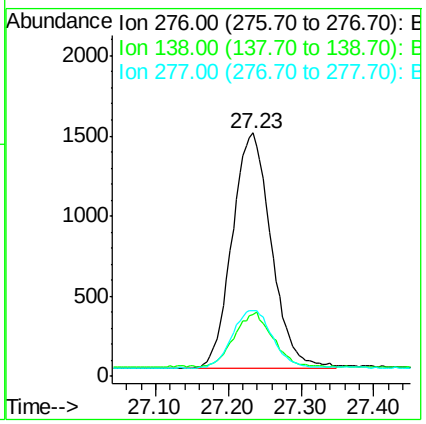


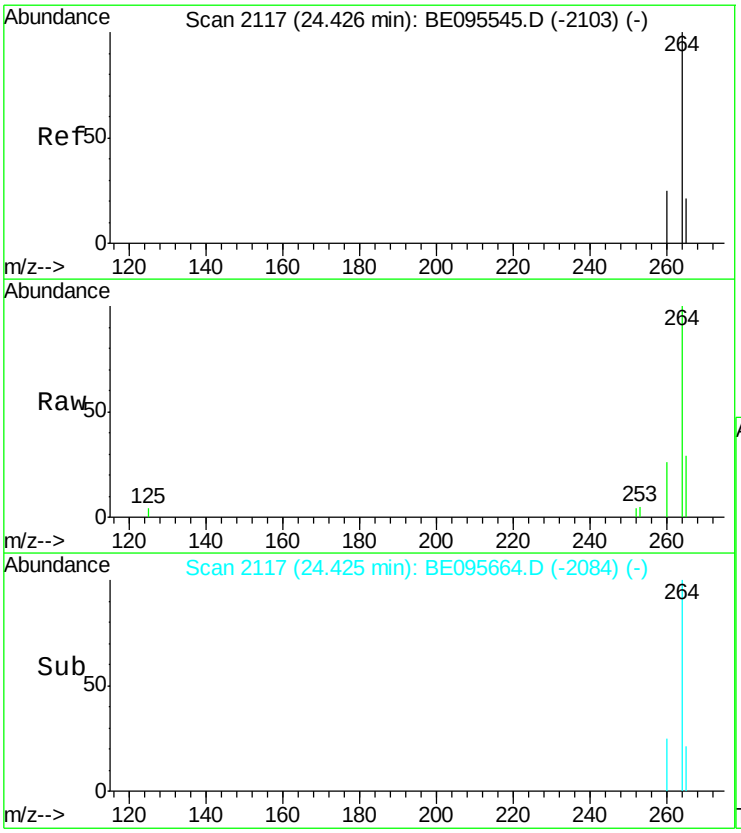
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 27.23 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5511

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.5	33.7#
277	25.5	19.9	29.9

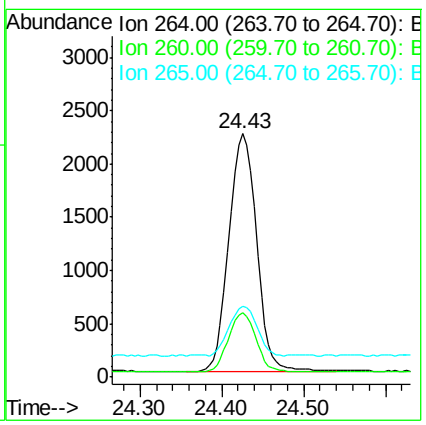


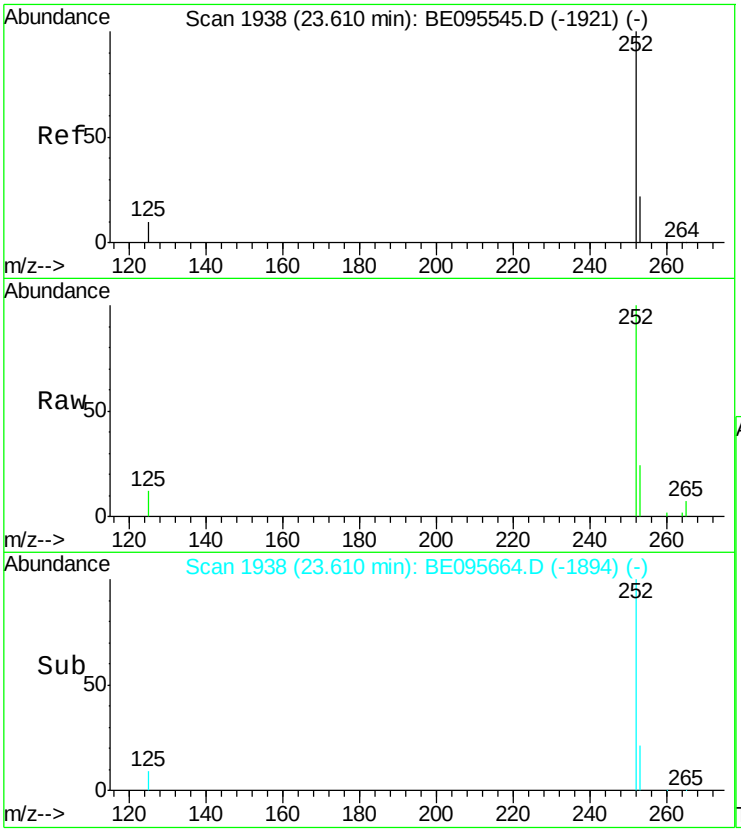


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:264 Resp: 5222

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	29.3	22.8	34.2



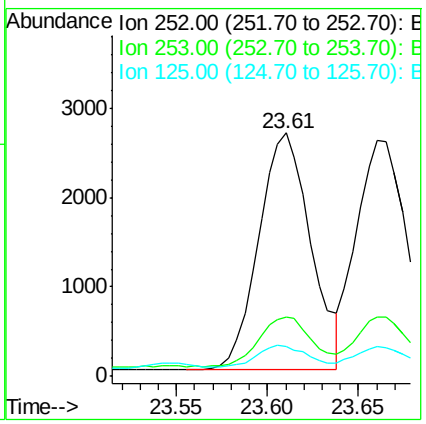


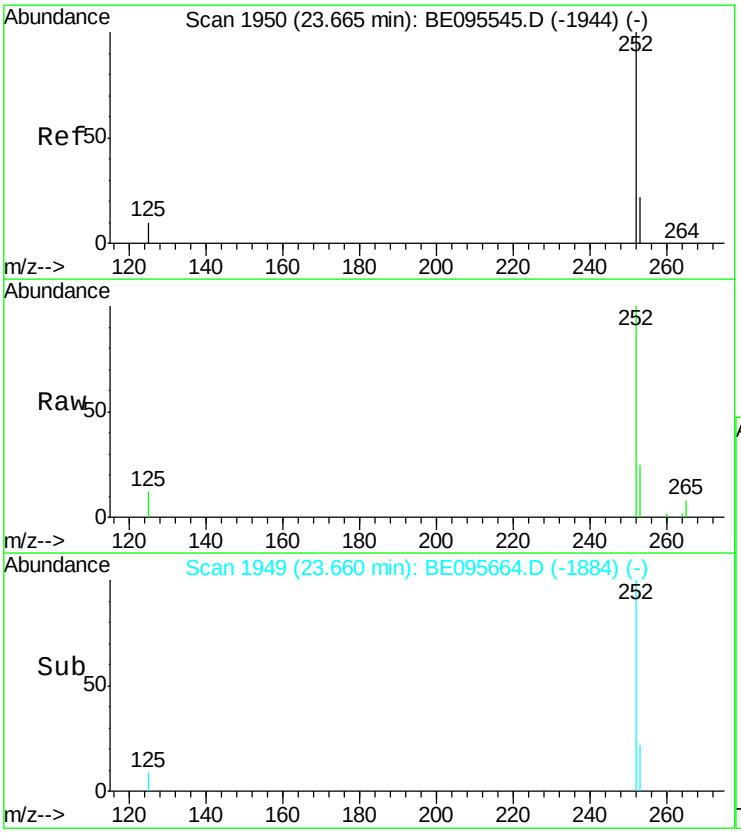
#35
Benzo(b)fluoranthene
Concen: 0.30 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5271

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.4	16.0	24.0#

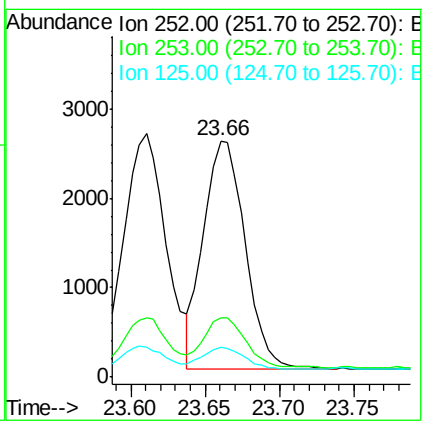


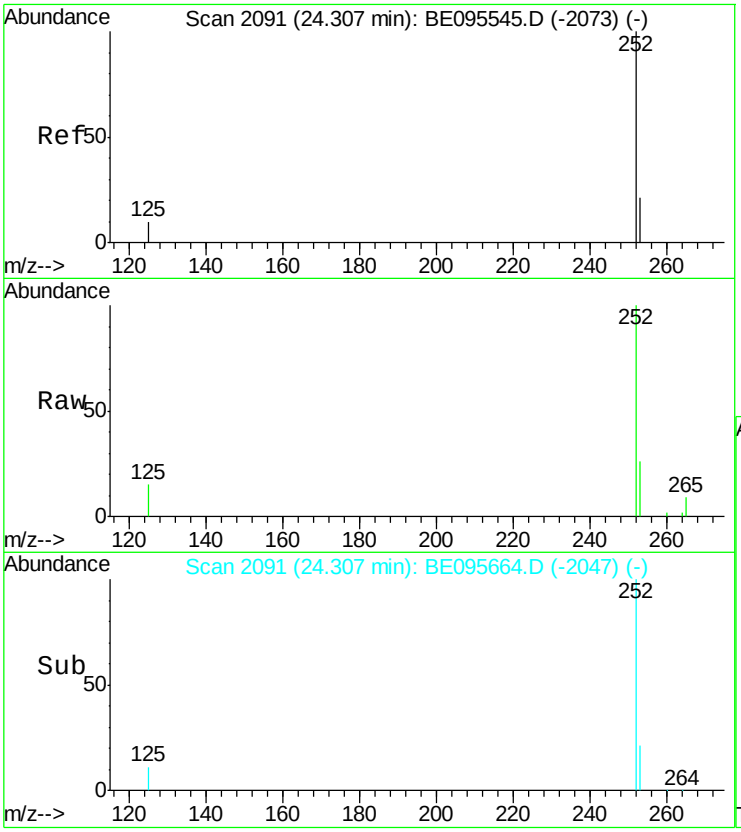


#36
Benzo(k)fluoranthene
Concen: 0.27 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:252 Resp: 4959

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	12.4	8.0	12.0#



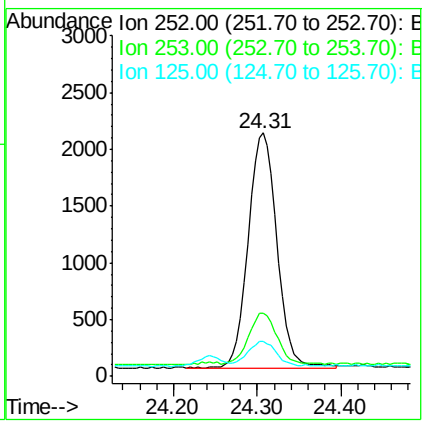


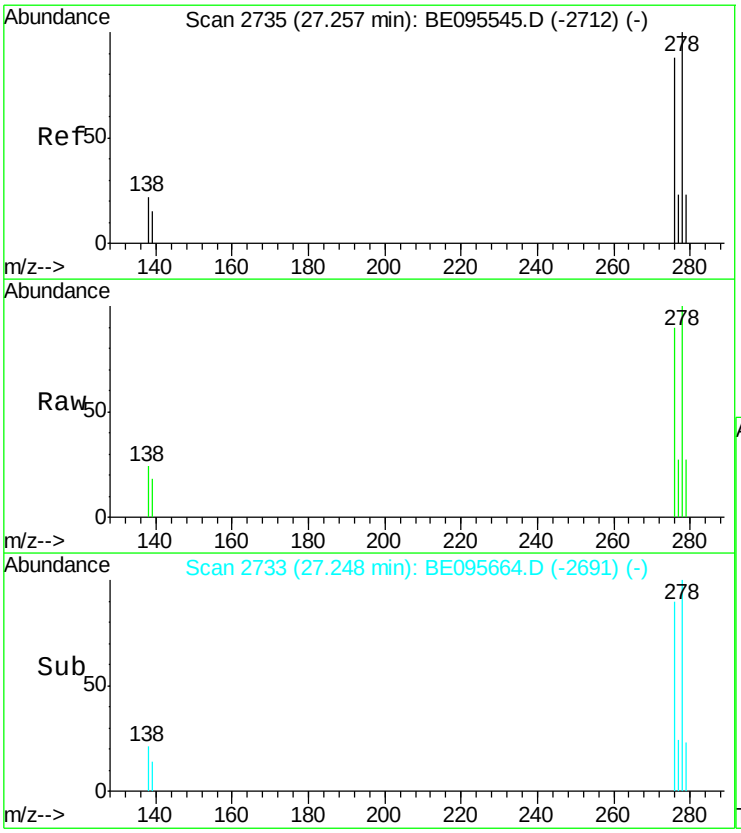
#37
Benzo(a)pyrene
Concen: 0.30 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4914

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	14.6	12.0	18.0

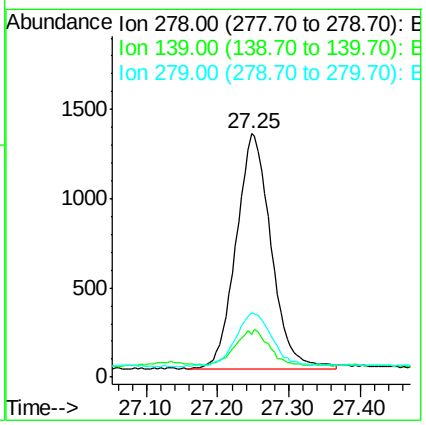


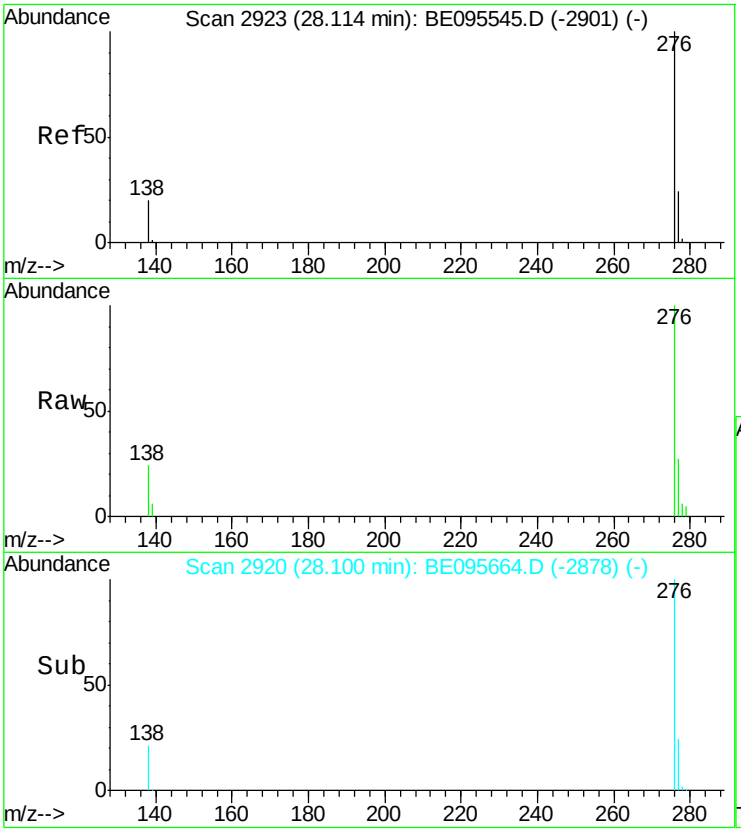


#38
Dibenzo(a,h)anthracene
Concen: 0.31 ng
RT: 27.25 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Tgt Ion:278 Resp: 4494

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.0	24.0
279	26.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.30 ng
RT: 28.10 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE095664.D
Acq: 12 Feb 2018 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4695

Ion	Ratio	Lower	Upper
276	100		
277	27.0	16.0	24.0#
138	24.2	20.0	30.0