Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095555.D
Acq On : 7 Feb 2018 16:29
Operator : SJ/JU
Sample : J1161-07
Misc : LOD 0.1ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 08 01:16:01 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	8.44	152	1363	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5419	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3101	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7484	0.40	ng		0.00
27) Chrysene-d12	21.79	240	7336	0.40	ng		0.00
34) Perylene-d12	24.43	264	6776	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1158	0.28	ng		0.00
5) Phenol-d6	7.56	99	1514	0.27	ng		-0.01
8) Nitrobenzene-d5	9.61	82	1579	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2547	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	287	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4017	0.30	ng		0.00
25) Fluoranthene-d10	19.69	212	27054	0.27	ng		0.00
29) Terphenyl-d14	20.25	244	4699	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	272	0.121	ng	#	78
3) n-Nitrosodimethylamine	4.00	42	199	0.070	ng	#	85
6) bis(2-Chloroethyl)ether	7.83	93	453	0.086	ng		87
9) Naphthalene	11.33	128	5551	0.088	ng	#	97
10) Hexachlorobutadiene	11.58	225	265	0.078	ng		97
12) 2-Methylnaphthalene	12.88	142	911	0.085	ng		95
16) Acenaphthylene	14.73	152	1455	0.082	ng		100
17) Acenaphthene	15.06	154	923	0.084	ng		94
18) Fluorene	16.04	166	1180	0.085	ng	#	76
20) 4-Bromophenyl-phenylether	16.91	248	388	0.086	ng	#	72
21) Hexachlorobenzene	17.03	284	415	0.089	ng	#	81
22) Pentachlorophenol	17.37	266	62	0.194	ng		95
23) Phenanthrene	17.74	178	2033	0.088	ng		97
24) Anthracene	17.83	178	1728	0.080	ng	#	95
26) Fluoranthene	19.72	202	2468	0.085	ng		96
28) Pyrene	20.06	202	2914	0.095	ng		98
30) Benzo(a)anthracene	21.78	228	2054	0.084	ng		97
31) Chrysene	21.84	228	2160	0.090	ng		97
32) Bis(2-ethylhexyl)phthalate	21.65	149	4110	0.073	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1758	0.076	ng		94
35) Benzo(b)fluoranthene	23.61	252	2000	0.087	ng		93
36) Benzo(k)fluoranthene	23.66	252	1922	0.081	ng	#	83
37) Benzo(a)pyrene	24.31	252	1725	0.080	ng	#	83
38) Dibenzo(a,h)anthracene	27.26	278	1397	0.074	ng	#	82
39) Benzo(g,h,i)perylene	28.11	276	1664	0.082	ng	#	84

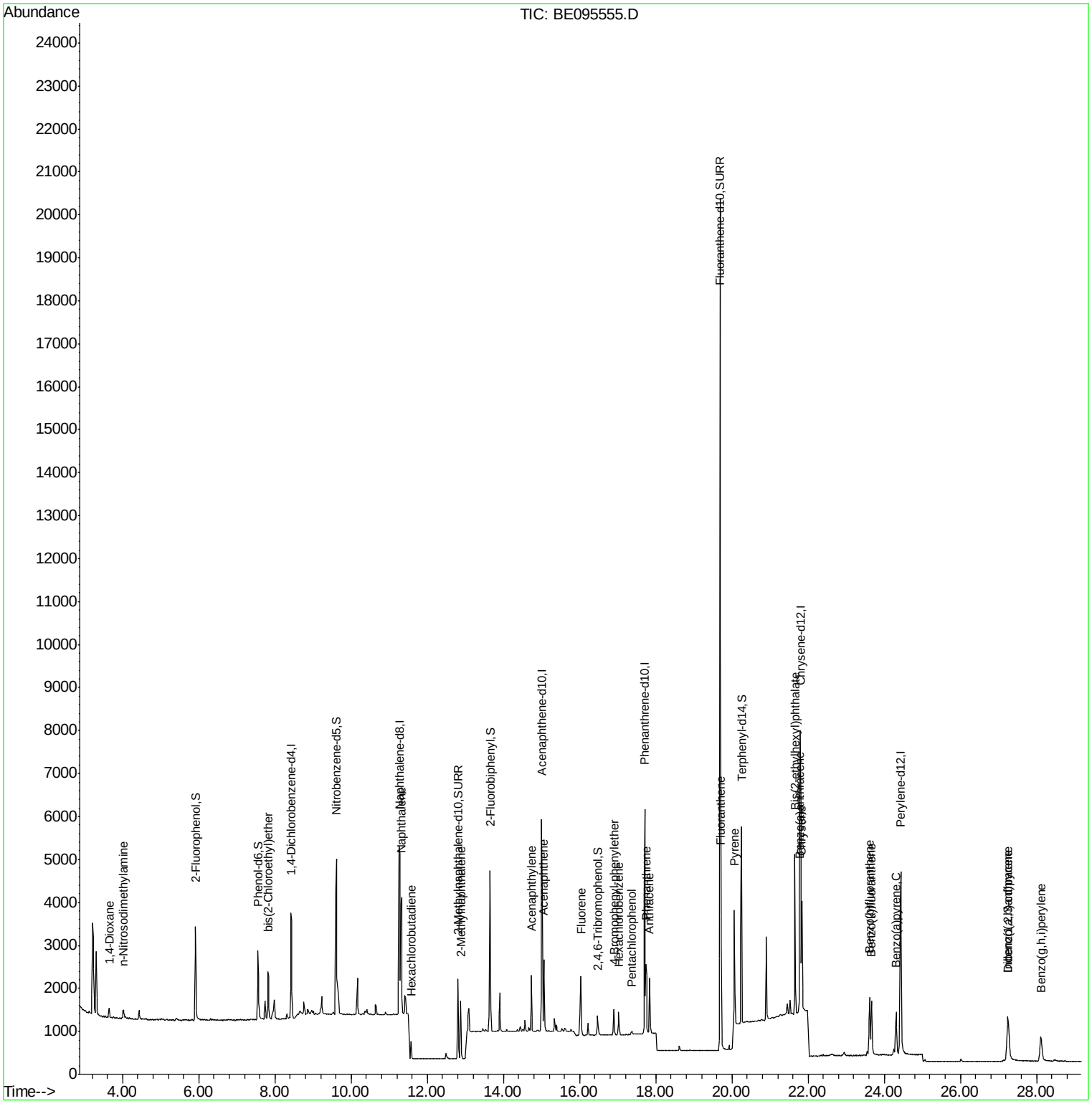
(#) = qualifier out of range (m) = manual integration (+) = signals summed

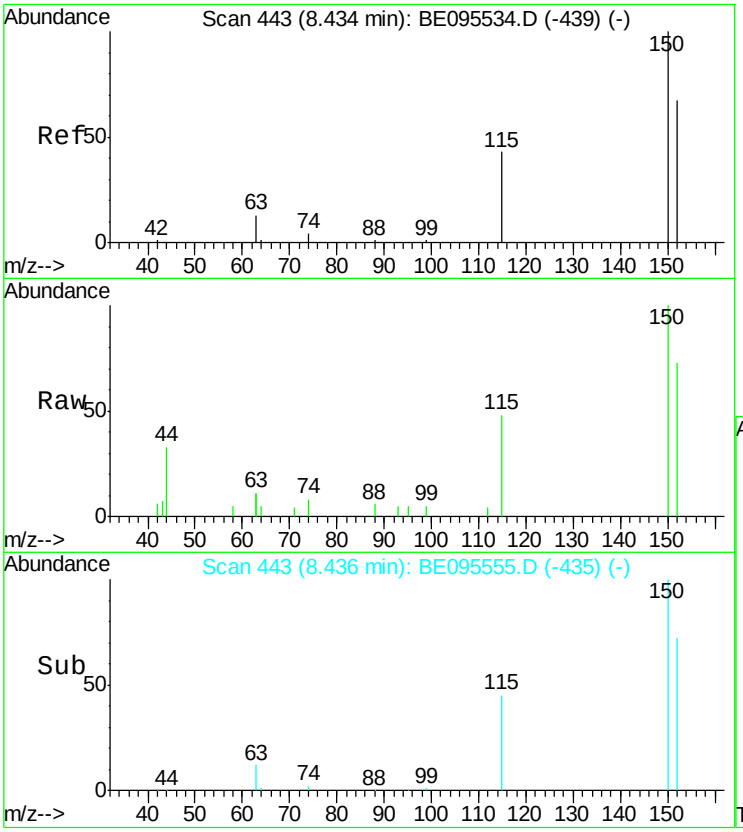
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095555.D
Acq On : 7 Feb 2018 16:29
Operator : SJ/JU
Sample : J1161-07
Misc : LOD 0.1ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 08 01:16:01 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



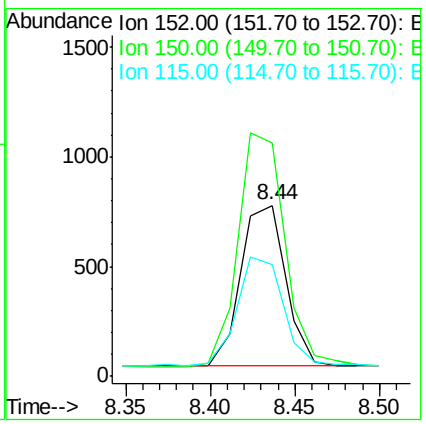


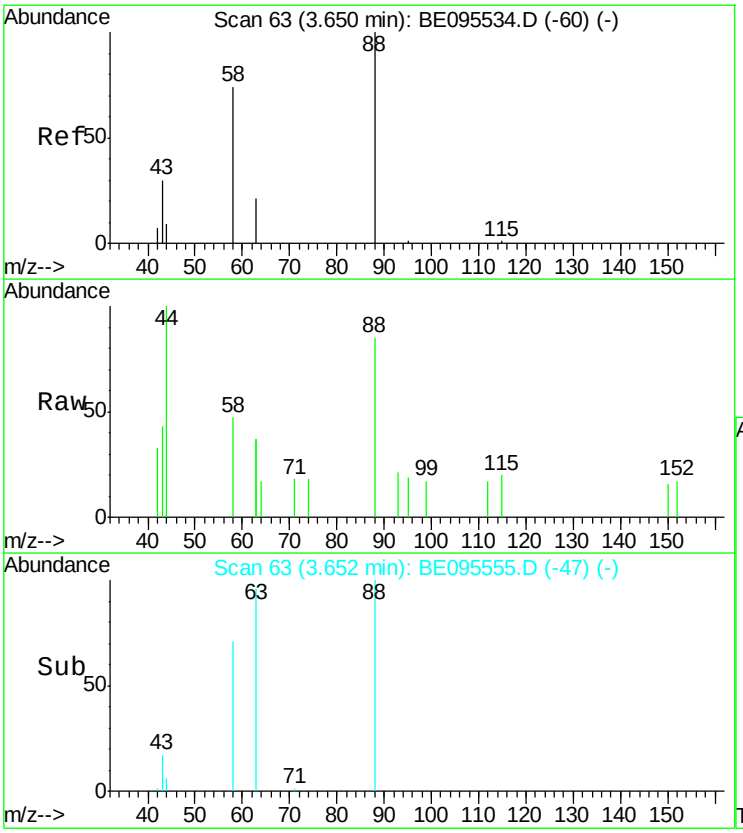
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1363

Ion	Ratio	Lower	Upper
152	100		
150	136.6	117.2	175.8
115	65.3	57.0	85.6

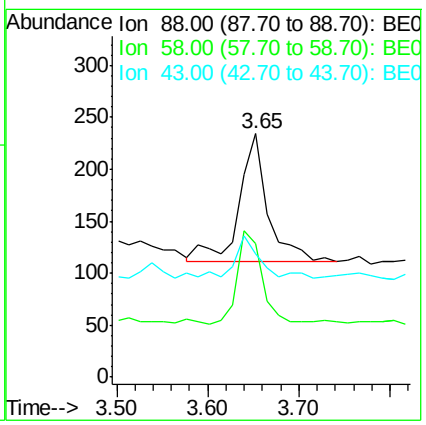


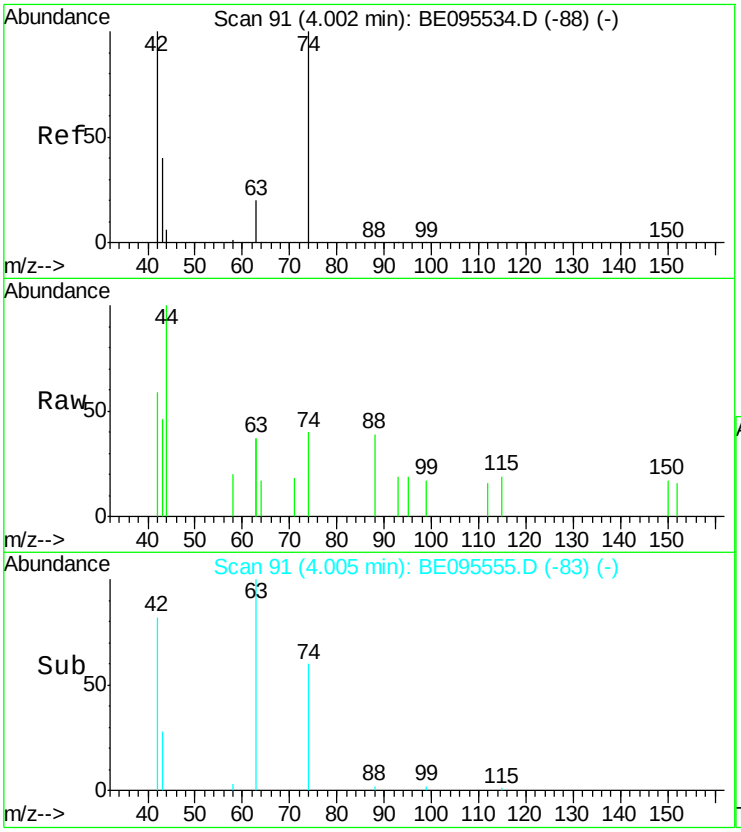


#2
1,4-Dioxane
Concen: 0.121 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion: 88 Resp: 272

Ion	Ratio	Lower	Upper
88	100		
58	62.5	63.2	94.8#
43	33.1	41.2	61.8#



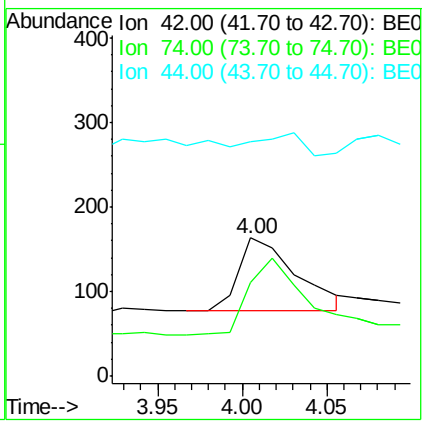


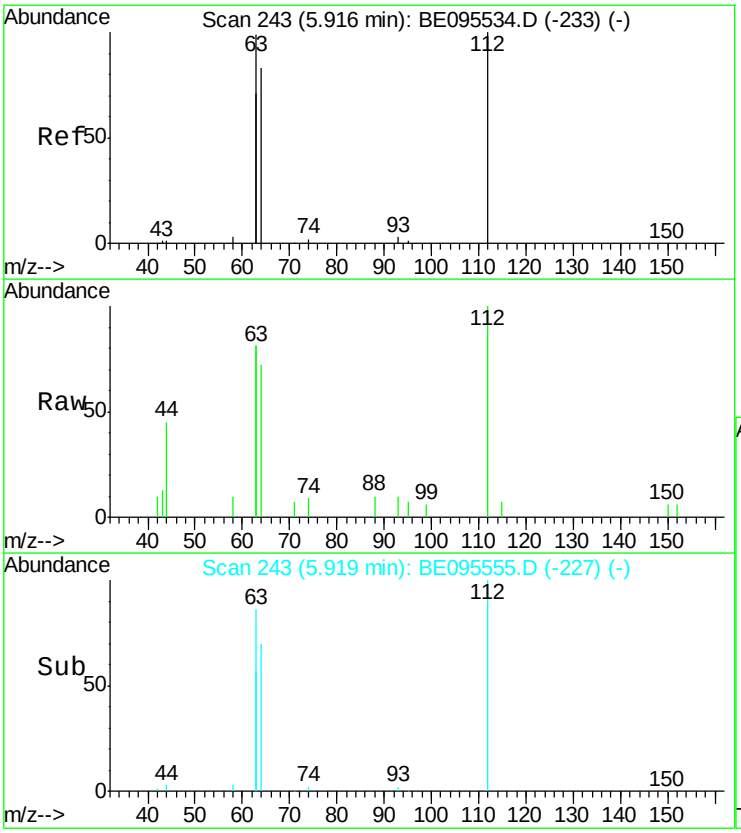
#3
n-Nitrosodimethylamine
Concen: 0.070 ng
RT: 4.00 min Scan# 91
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 199

Ion	Ratio	Lower	Upper
42	100		
74	106.0	96.0	144.0
44	0.0	12.0	18.0#

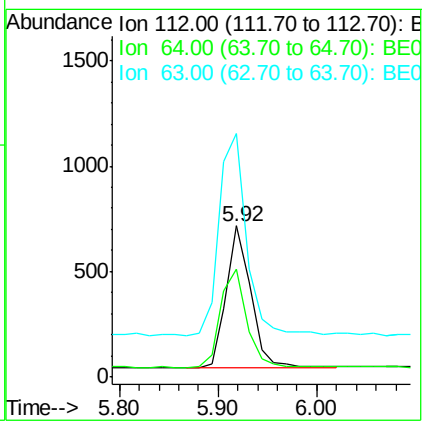


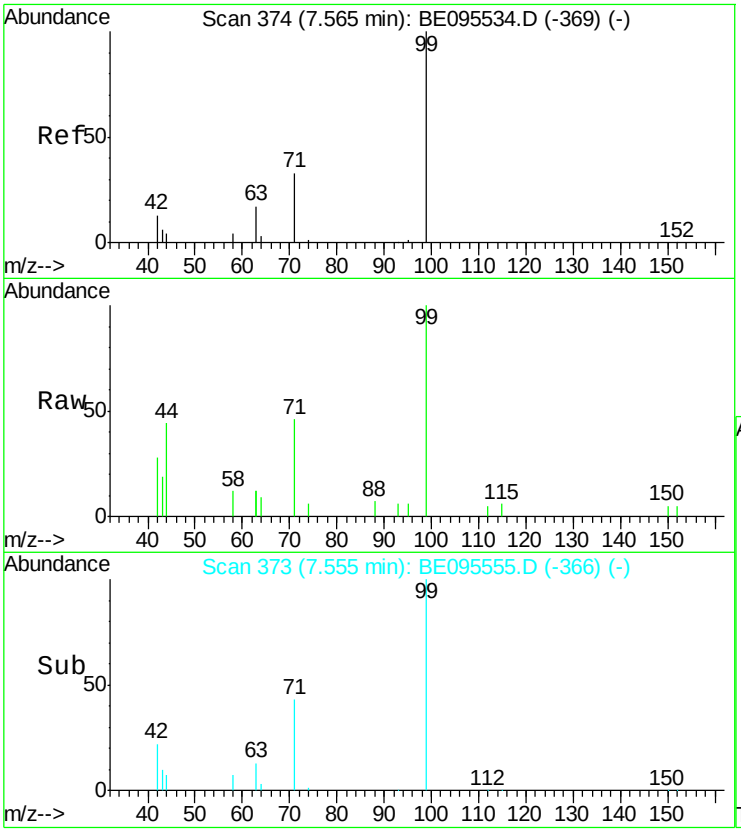


#4
2-Fluorophenol
Concen: 0.282 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:112 Resp: 1158

Ion	Ratio	Lower	Upper
112	100		
64	75.0	60.1	90.1
63	154.3	116.8	175.2



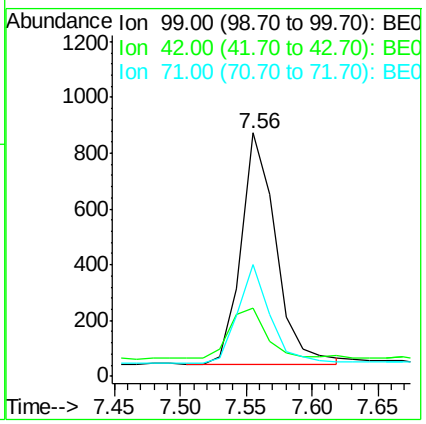


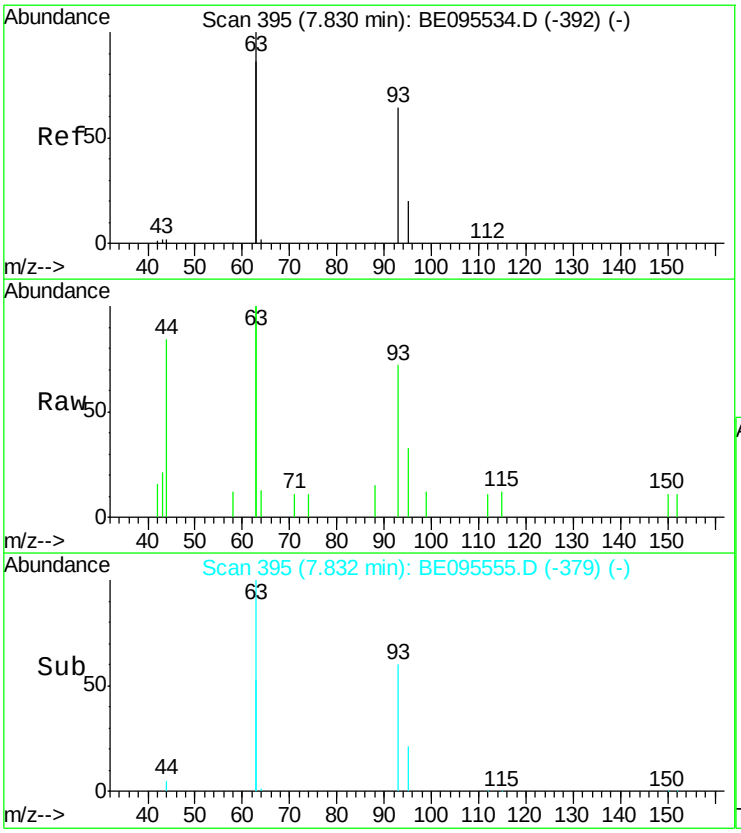
#5
Phenol-d6
Concen: 0.266 ng
RT: 7.56 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1514

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	40.2	28.4	42.6

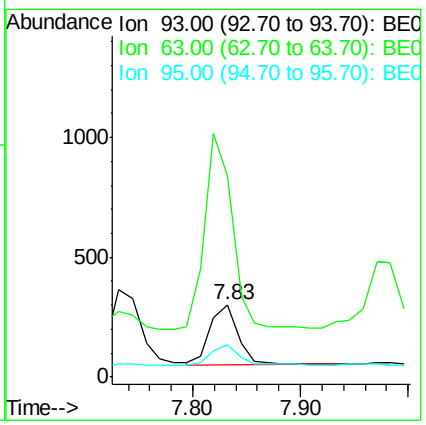


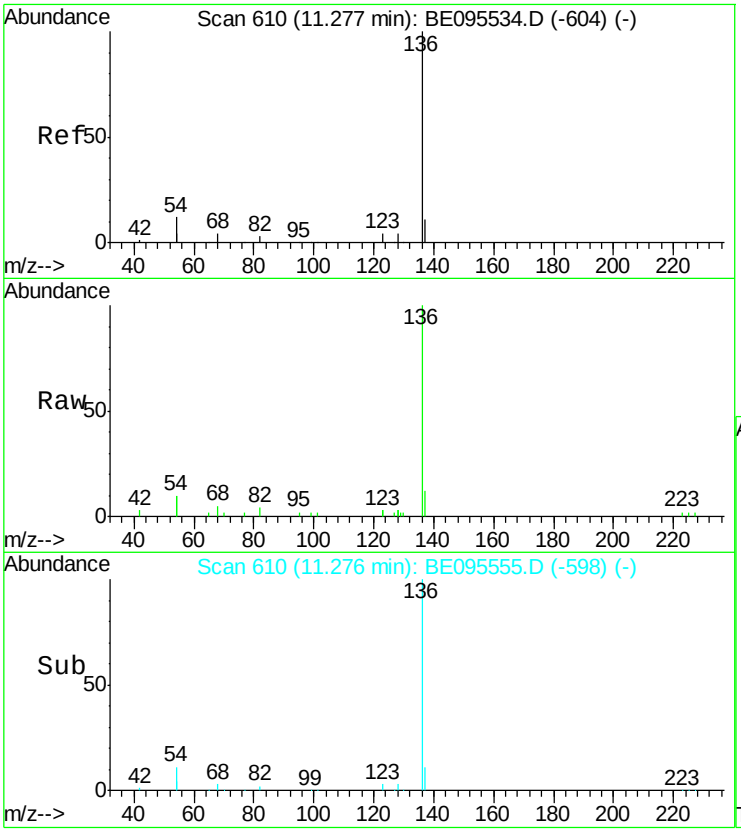


#6
bis(2-Chloroethyl)ether
Concen: 0.086 ng
RT: 7.83 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion: 93 Resp: 453

Ion	Ratio	Lower	Upper
93	100		
63	316.6	275.3	412.9
95	36.4	25.2	37.8



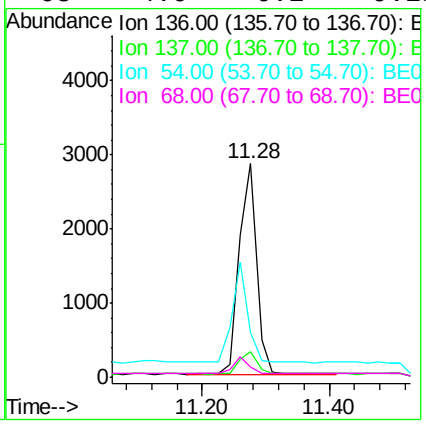


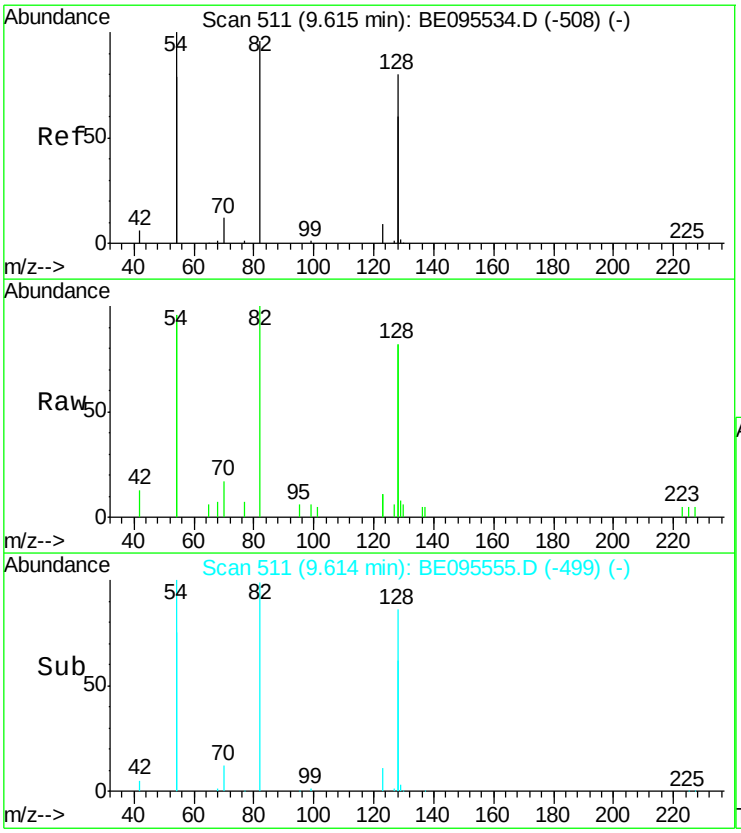
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5419

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	20.7	29.1	43.7#
68	4.9	6.2	9.2#

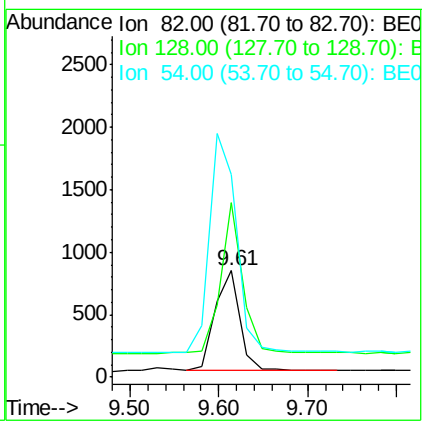


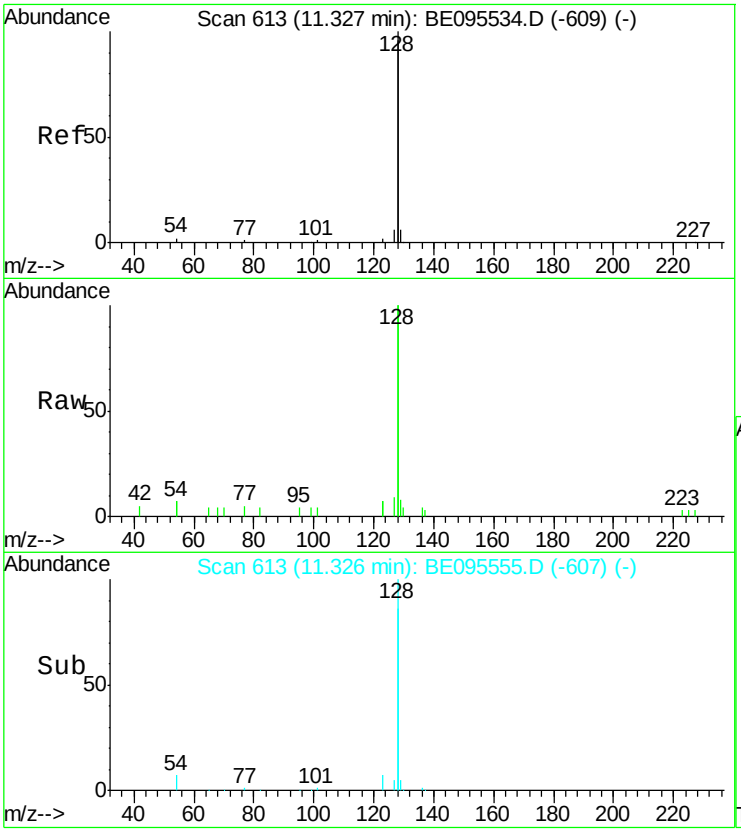


#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion: 82 Resp: 1579

Ion	Ratio	Lower	Upper
82	100		
128	163.6	150.0	225.0
54	191.1	154.2	231.4



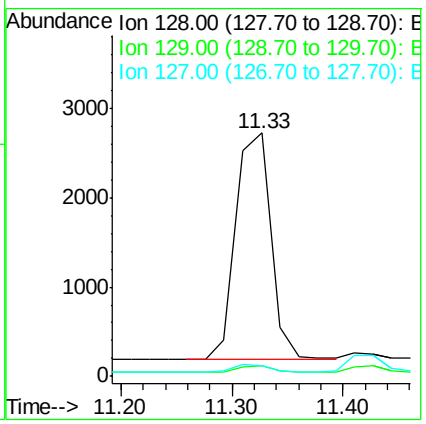


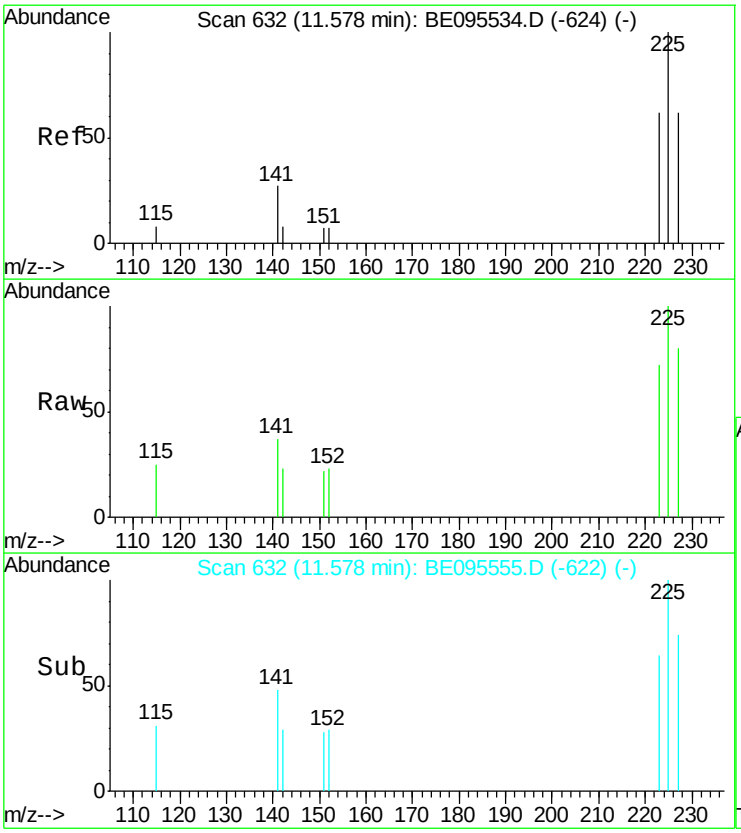
#9
Naphthalene
Concen: 0.088 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5551

Ion	Ratio	Lower	Upper
128	100		
129	4.2	2.6	3.8#
127	4.3	2.8	4.2#

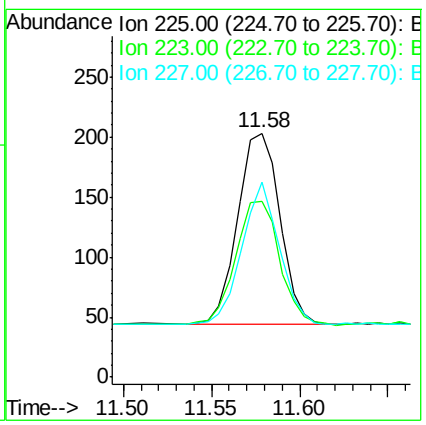


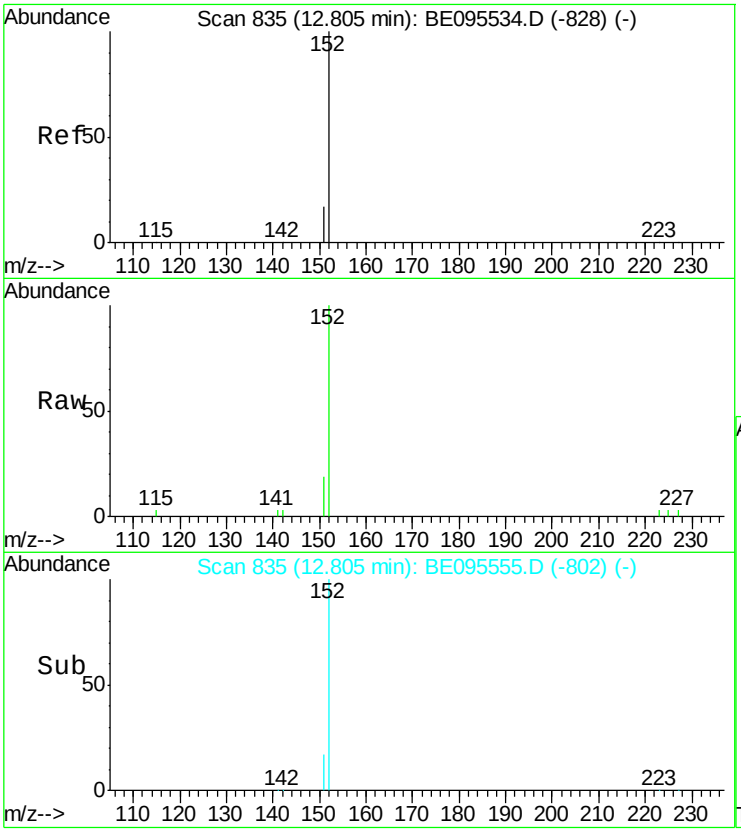


#10
Hexachlorobutadiene
Concen: 0.078 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:225 Resp: 265

Ion	Ratio	Lower	Upper
225	100		
223	68.7	53.0	79.6
227	66.0	51.4	77.2



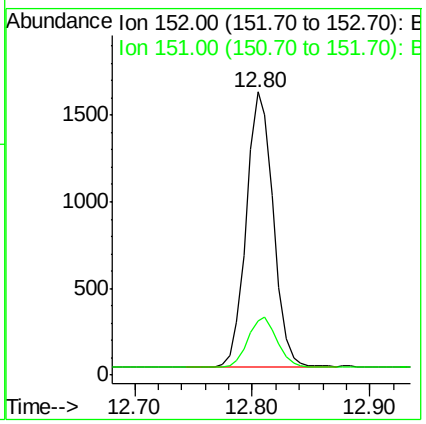


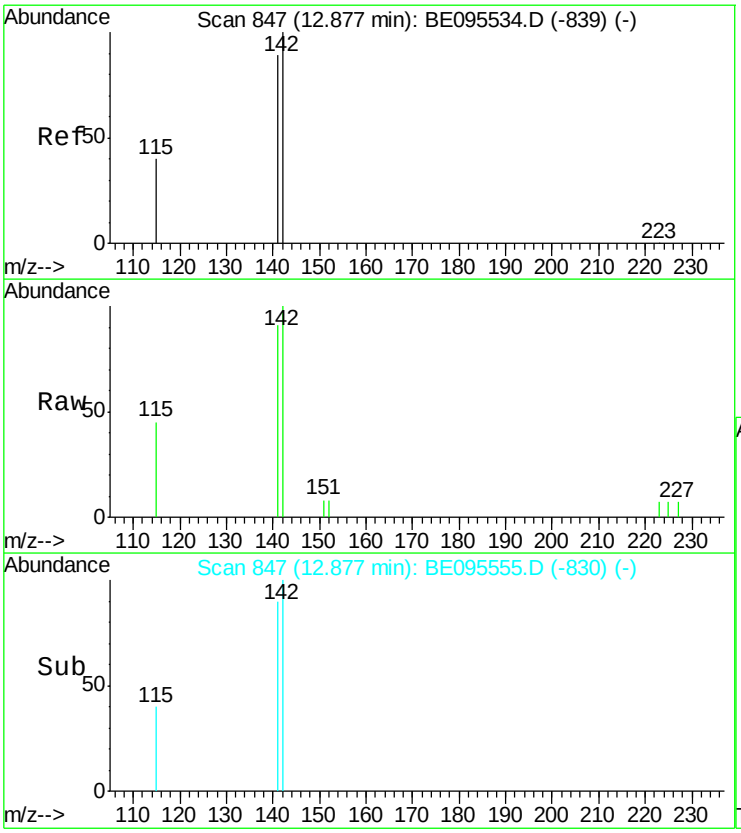
#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2547

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

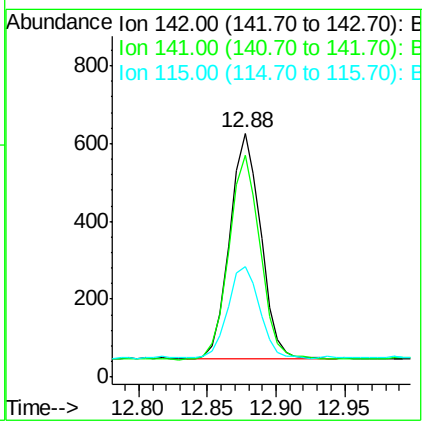


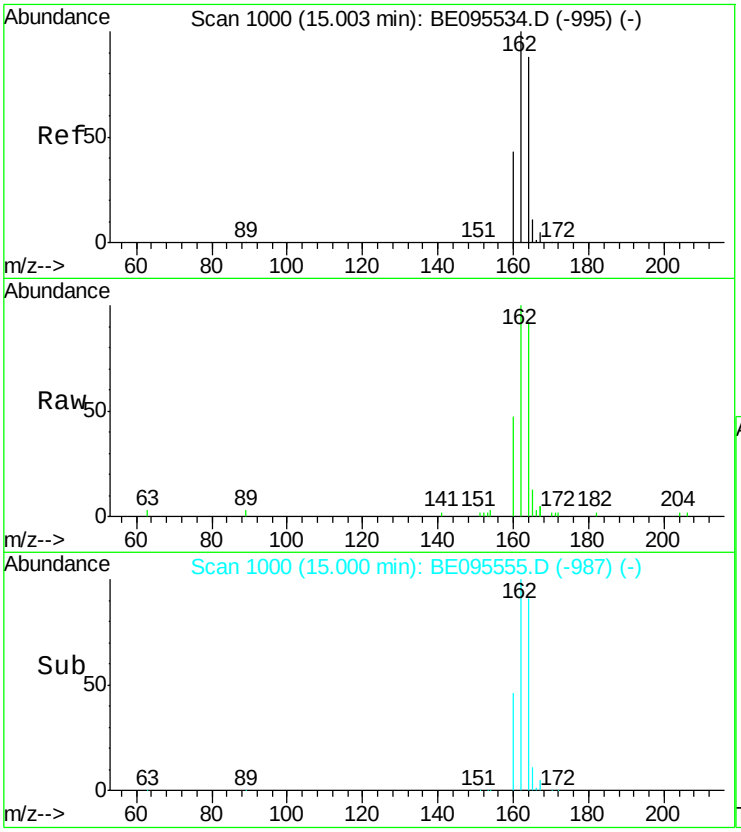


#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:142 Resp: 911

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.4	105.6
115	45.2	31.7	47.5



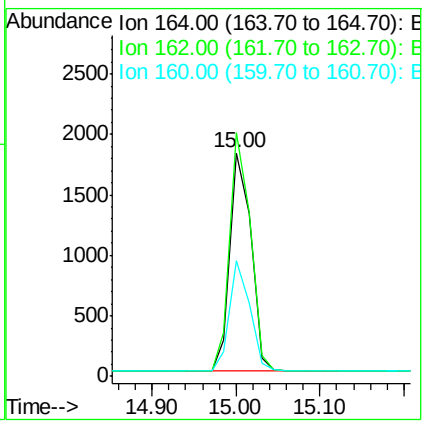


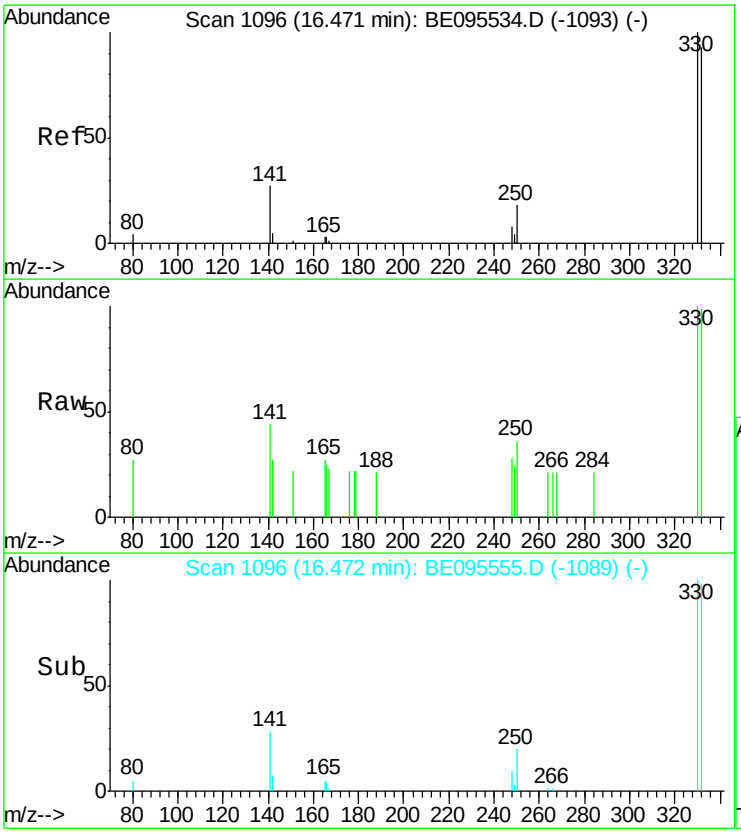
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3101

Ion	Ratio	Lower	Upper
164	100		
162	109.0	83.1	124.7
160	51.8	37.1	55.7

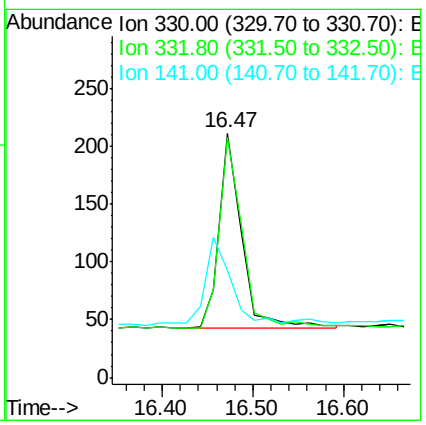


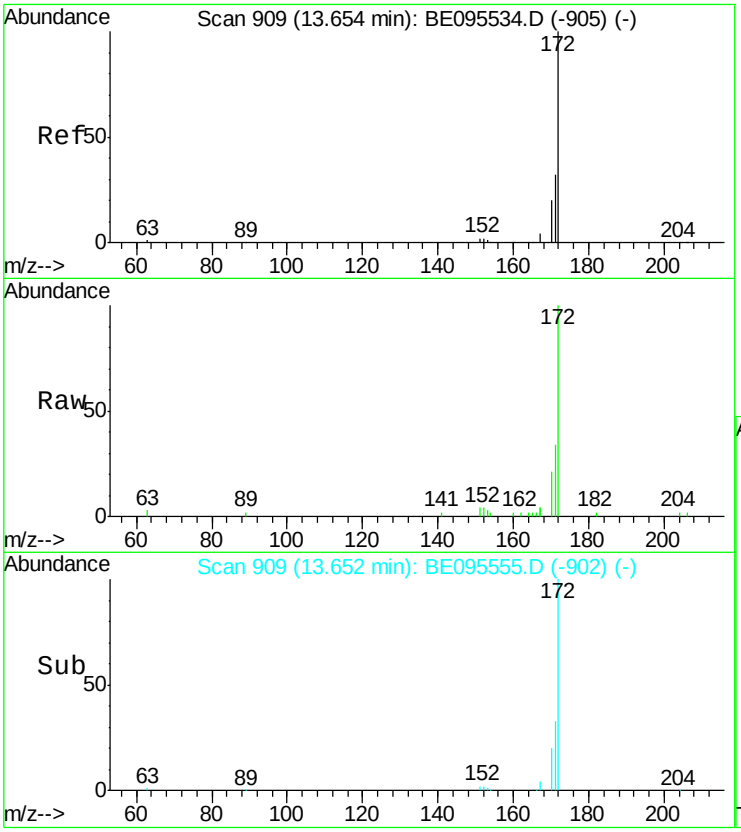


#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	100.3	152.7	229.1#
141	47.7	33.7	50.5



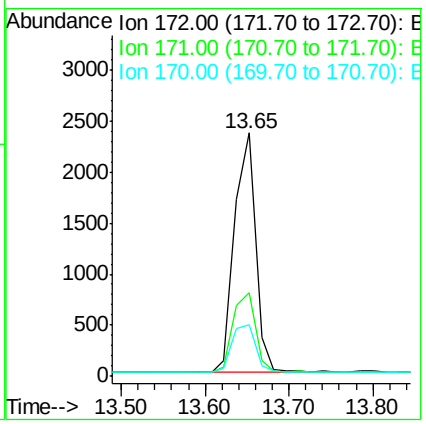


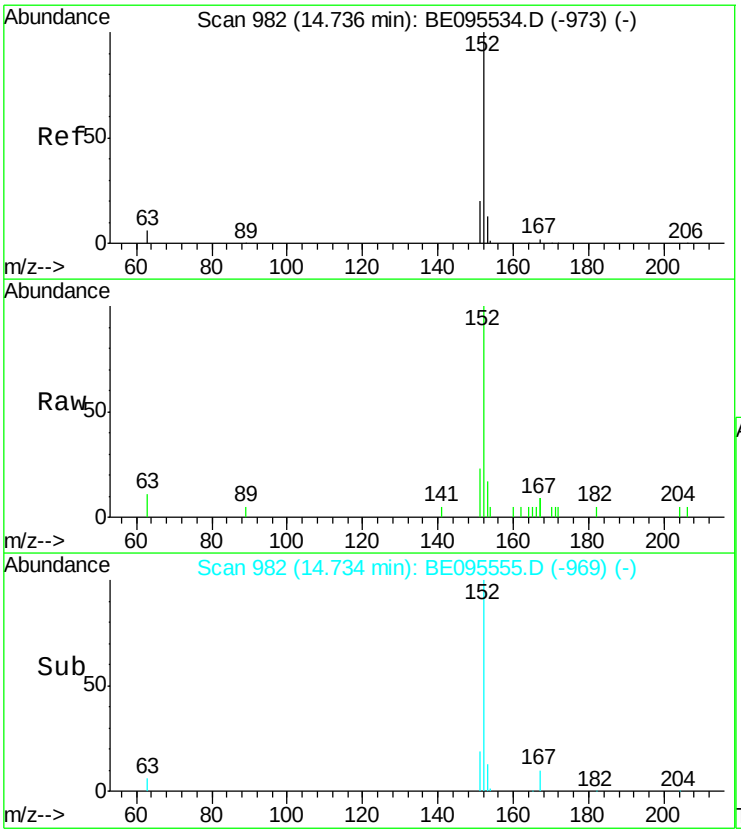
#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4017

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	21.3	21.8	32.8#

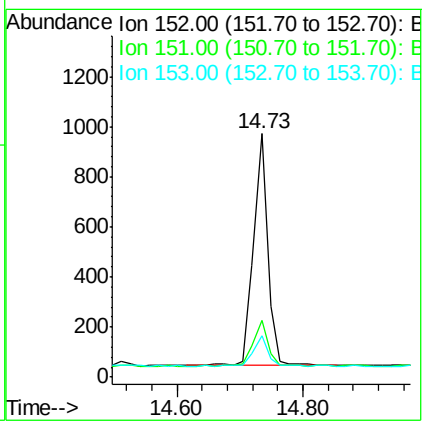


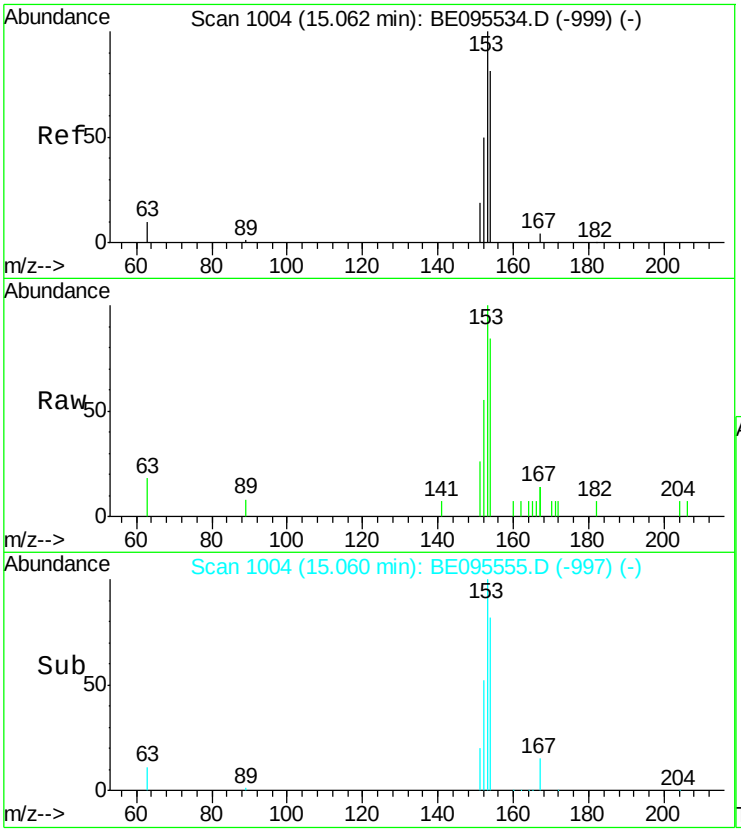


#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:152 Resp: 1455

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



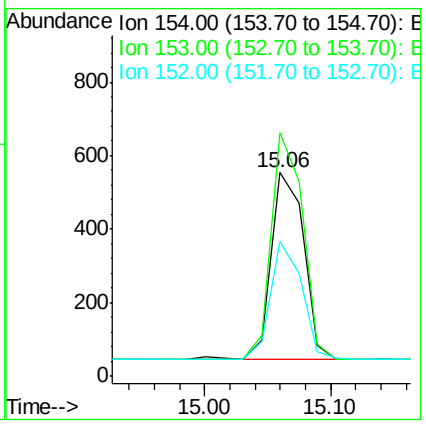


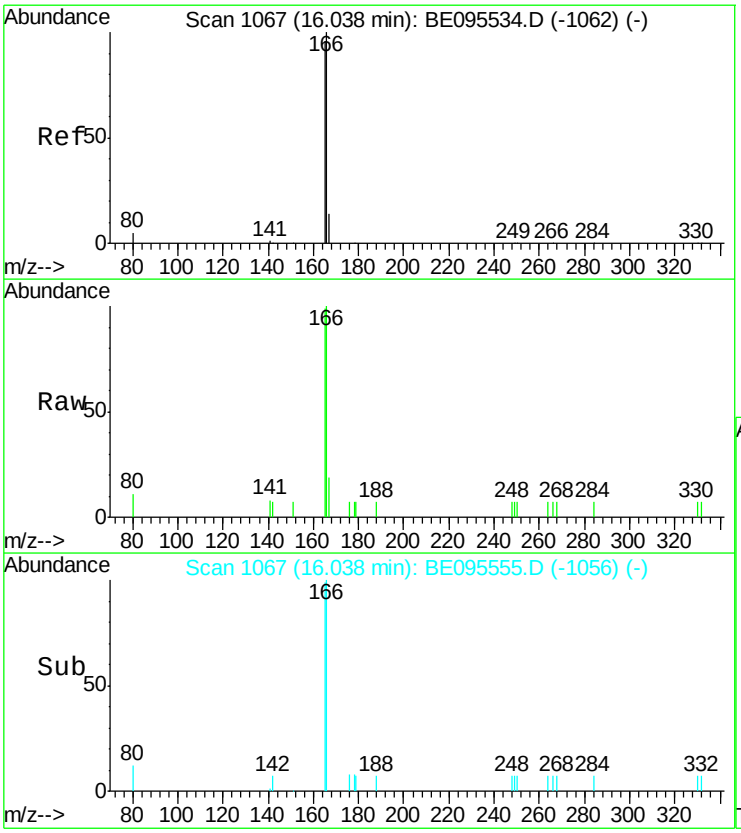
#17
Acenaphthene
Concen: 0.084 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 923

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.2	133.8
152	59.8	42.0	63.0

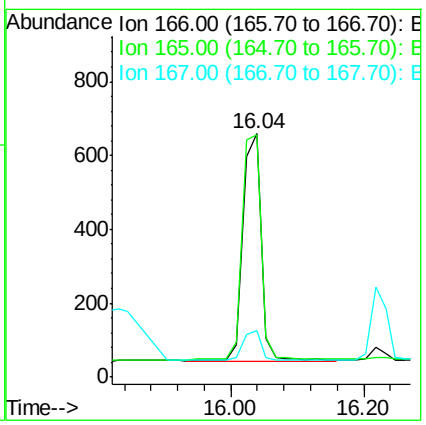


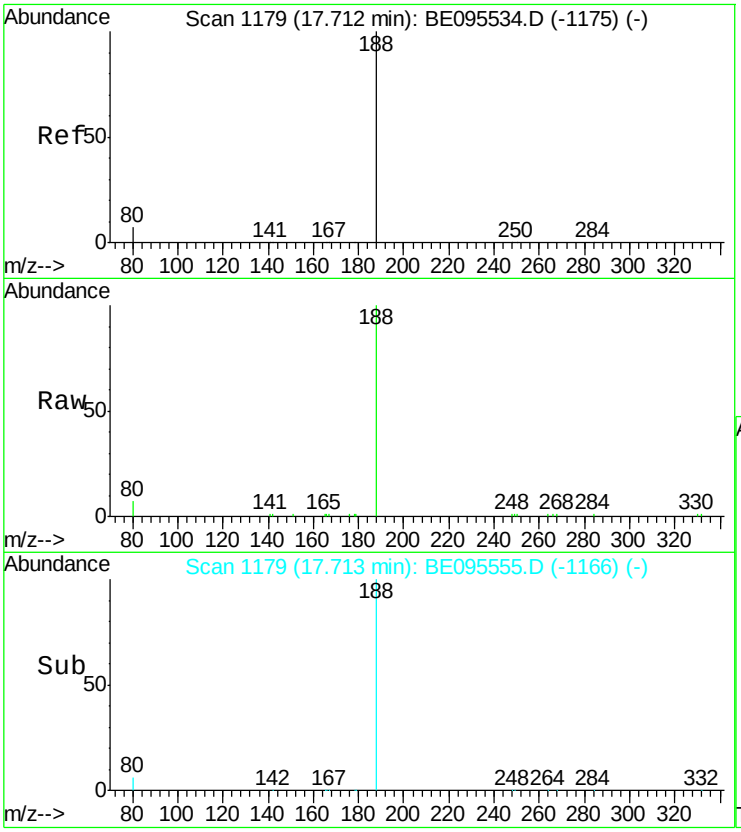


#18
Fluorene
Concen: 0.085 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:166 Resp: 1180

Ion	Ratio	Lower	Upper
166	100		
165	103.6	77.8	116.6
167	13.0	42.4	63.6#



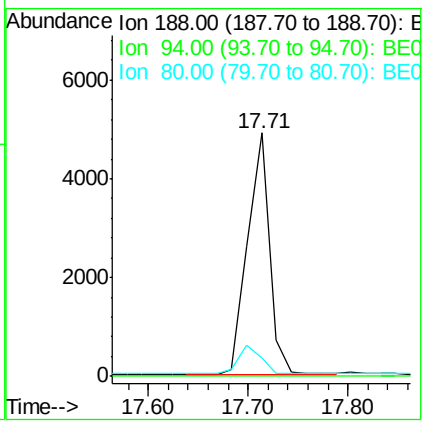


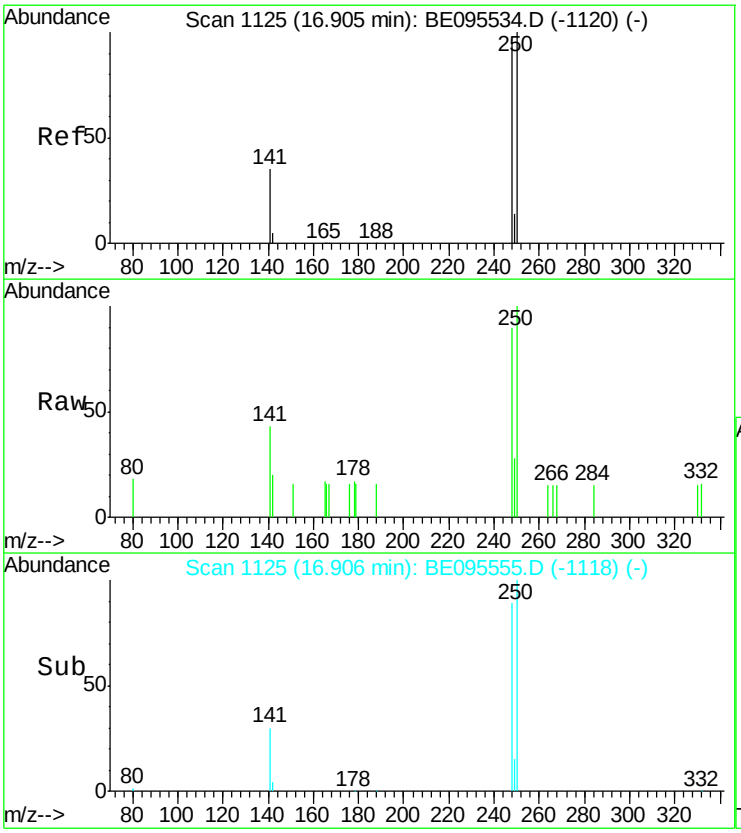
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7484

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

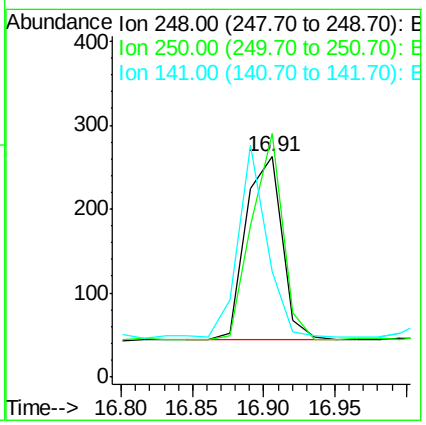


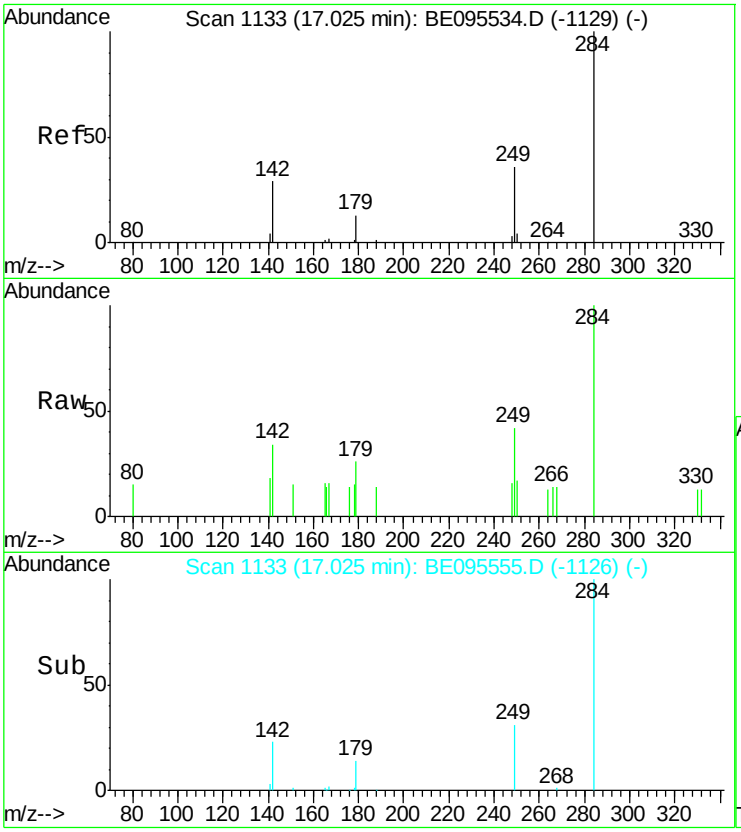


#20
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:248 Resp: 388

Ion	Ratio	Lower	Upper
248	100		
250	110.7	62.7	94.1#
141	47.7	48.2	72.2#



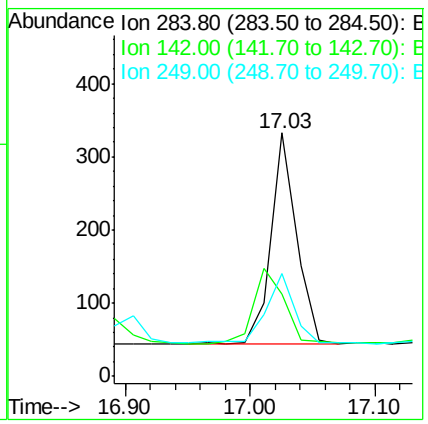


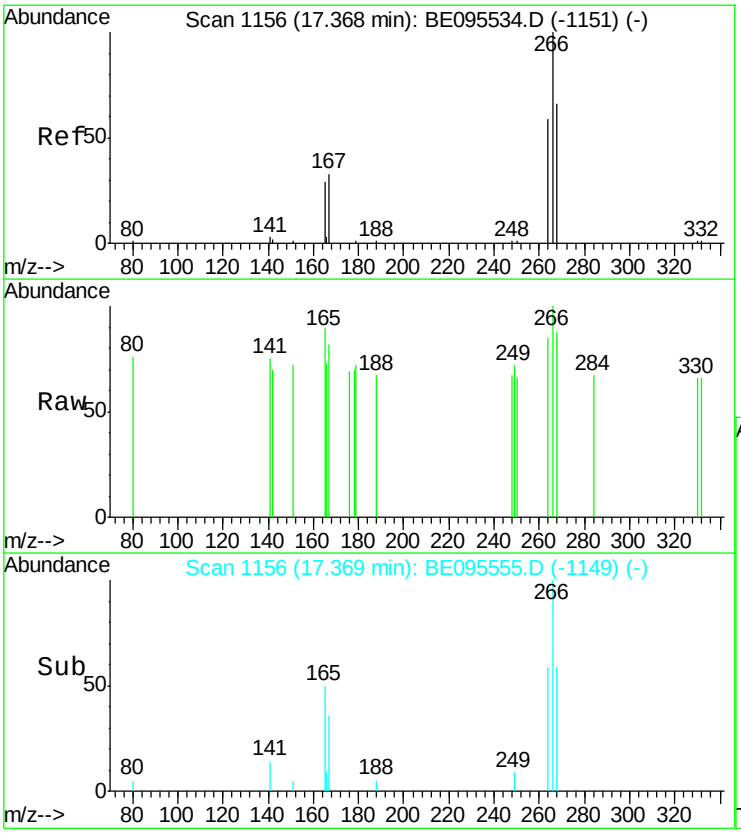
#21
Hexachlorobenzene
Concen: 0.089 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 415

Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.1	33.1#
249	34.5	34.8	52.2#

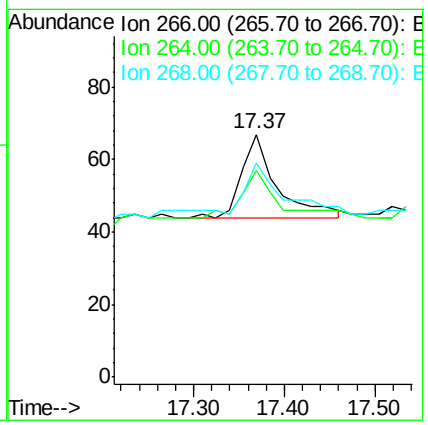


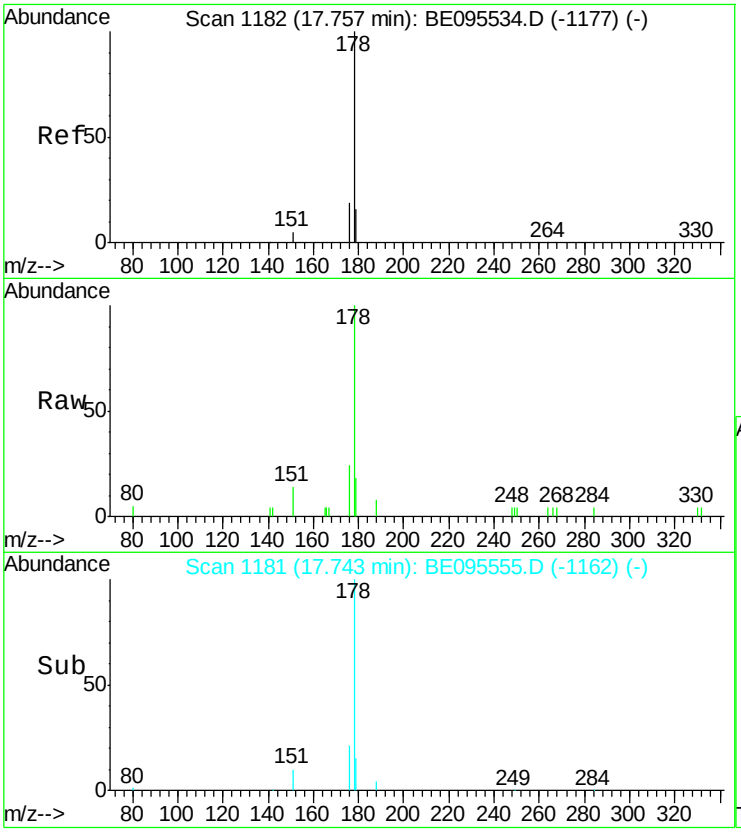


#22
Pentachlorophenol
Concen: 0.194 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
264	85.1	72.5	108.7
268	88.1	73.8	110.6



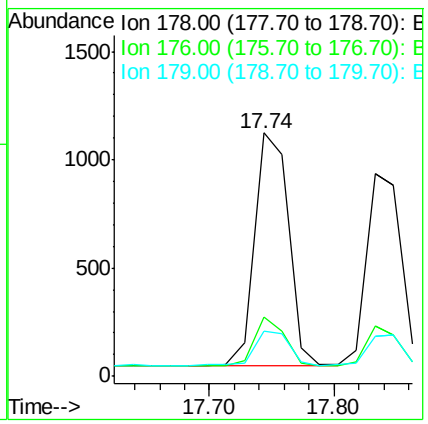


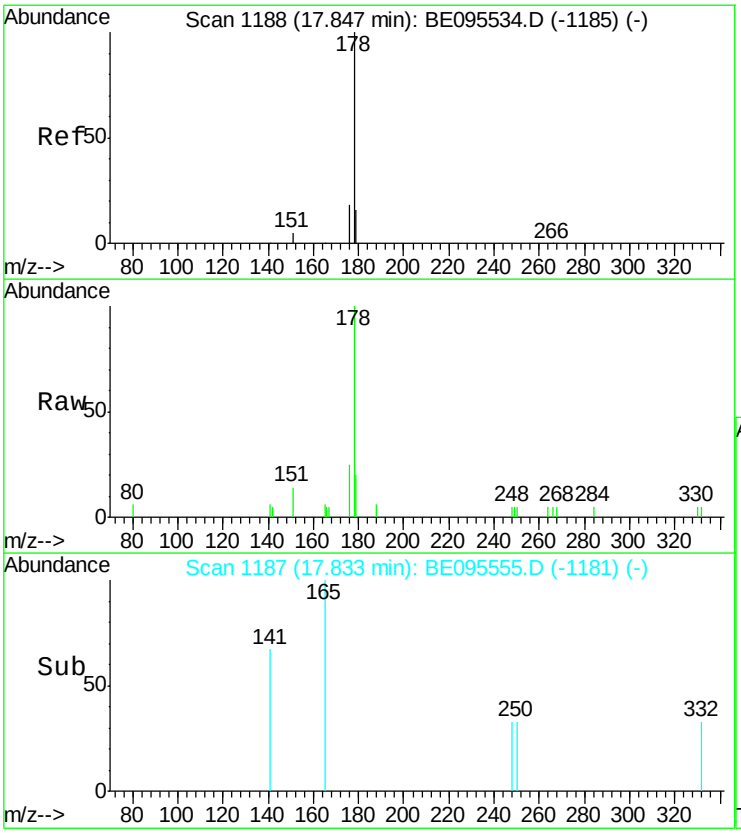
#23
Phenanthrene
Concen: 0.088 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2033

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	14.7	11.8	17.6

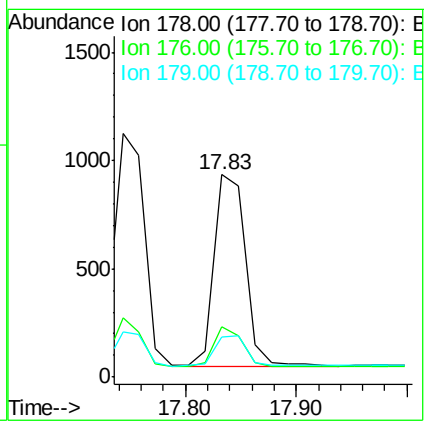


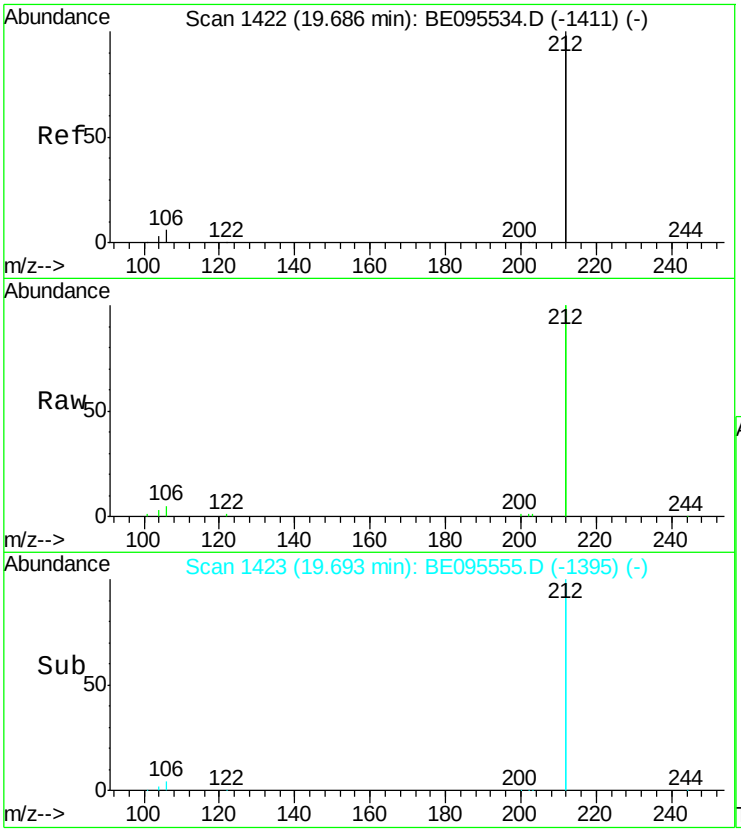


#24
Anthracene
Concen: 0.080 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:178 Resp: 1728

Ion	Ratio	Lower	Upper
178	100		
176	19.6	12.8	19.2#
179	15.9	13.0	19.6



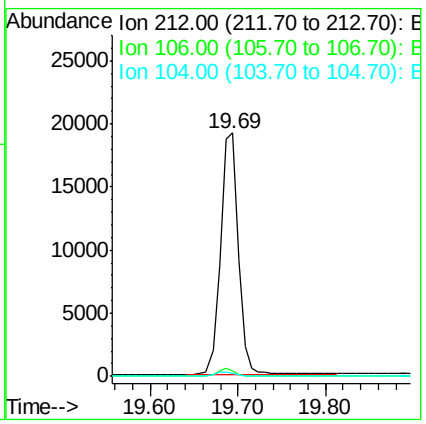


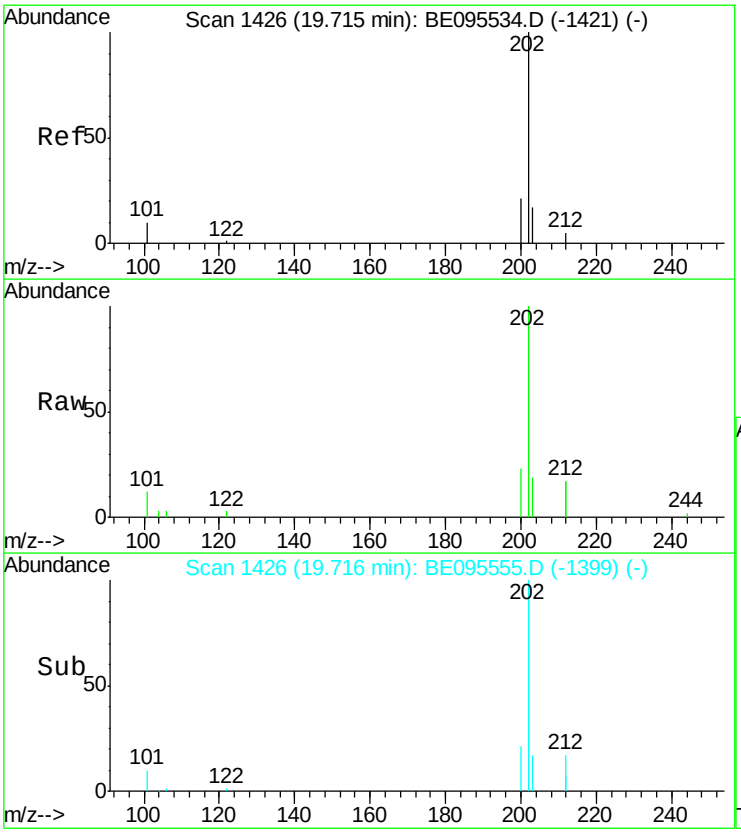
#25
Fluoranthene-d10
Concen: 0.274 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 27054

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

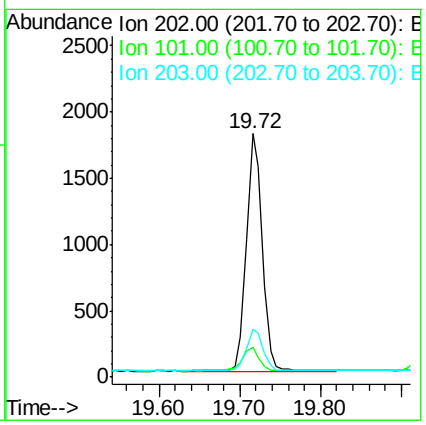


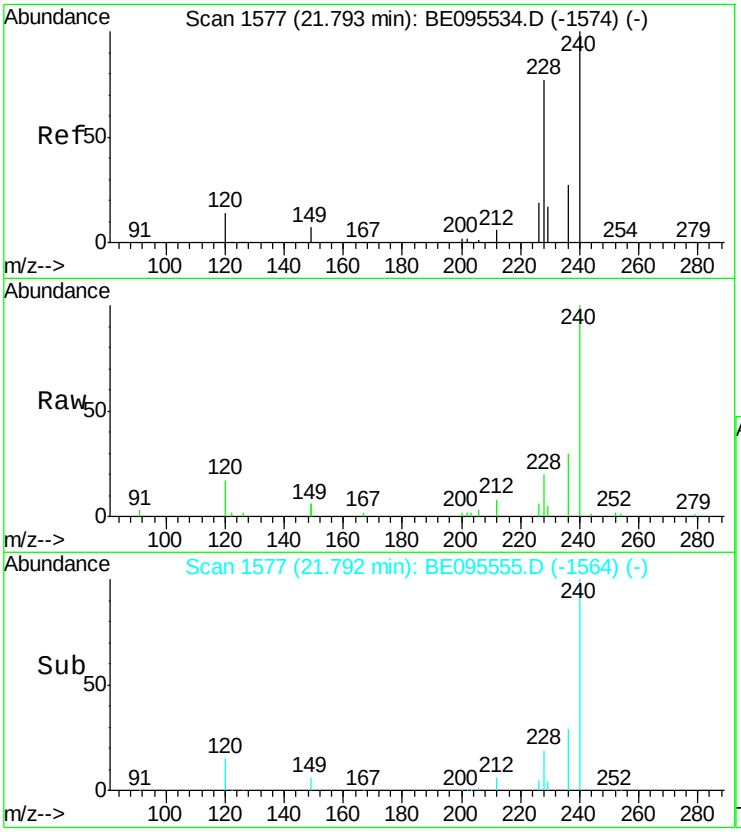


#26
Fluoranthene
Concen: 0.085 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:202 Resp: 2468

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
203	18.3	13.7	20.5



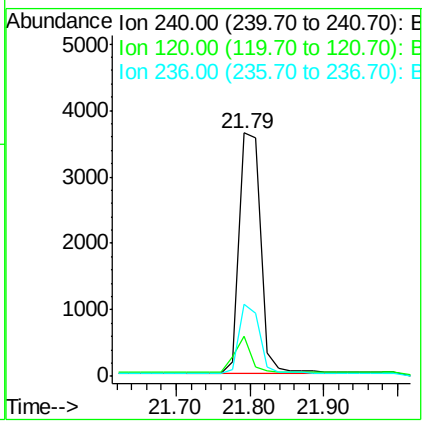


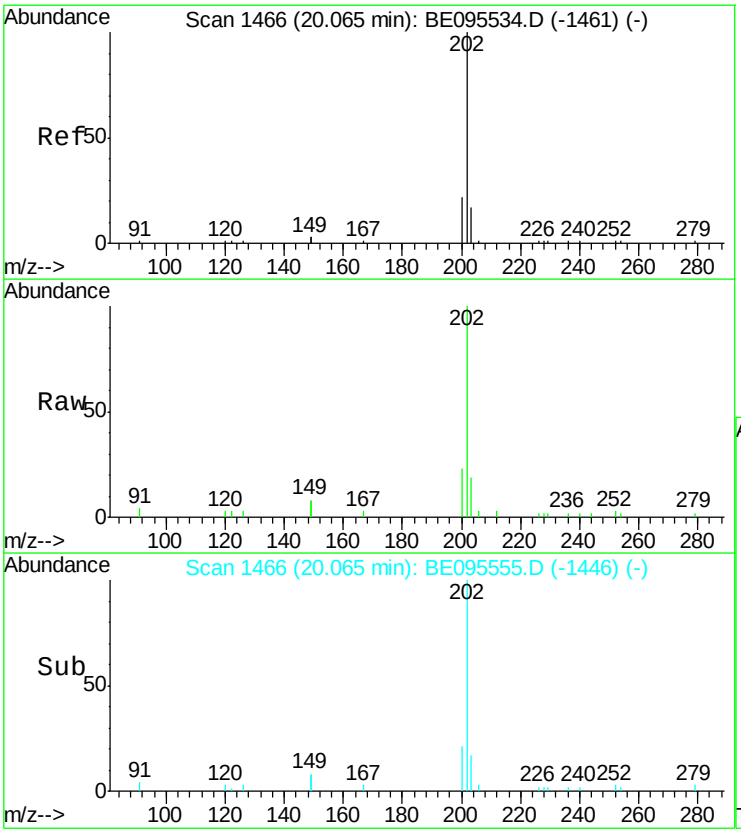
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7336

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.5	8.3#
236	29.6	20.7	31.1

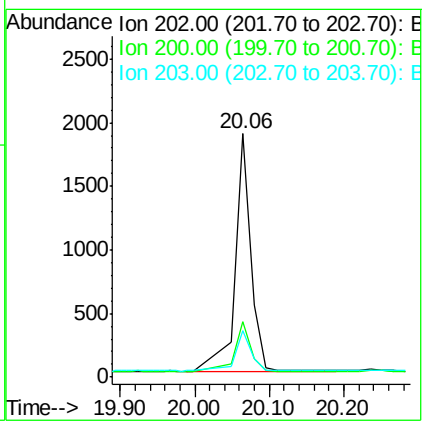


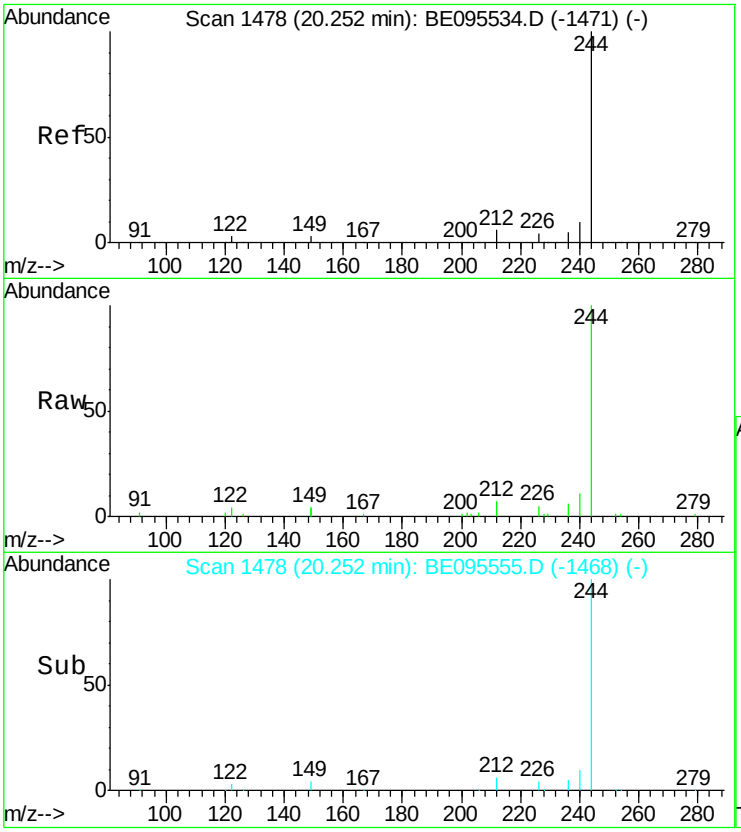


#28
Pyrene
Concen: 0.095 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:202 Resp: 2914

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.6	25.0
203	17.4	13.8	20.8



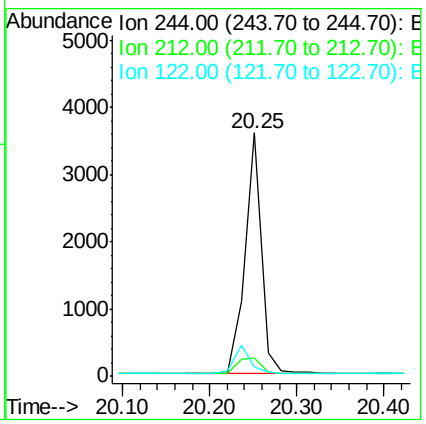


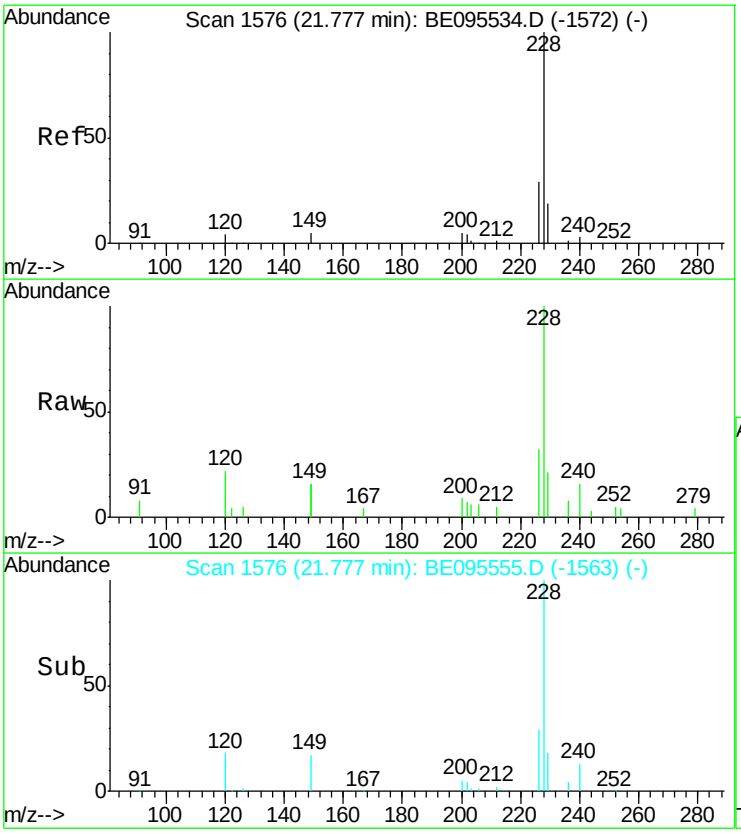
#29
Terphenyl-d14
Concen: 0.301 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4699

Ion	Ratio	Lower	Upper
244	100		
212	7.4	25.4	38.0#
122	4.0	8.1	12.1#

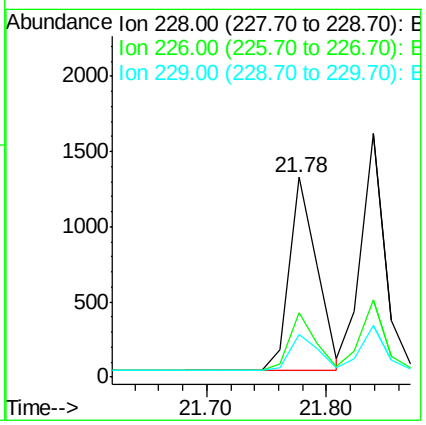


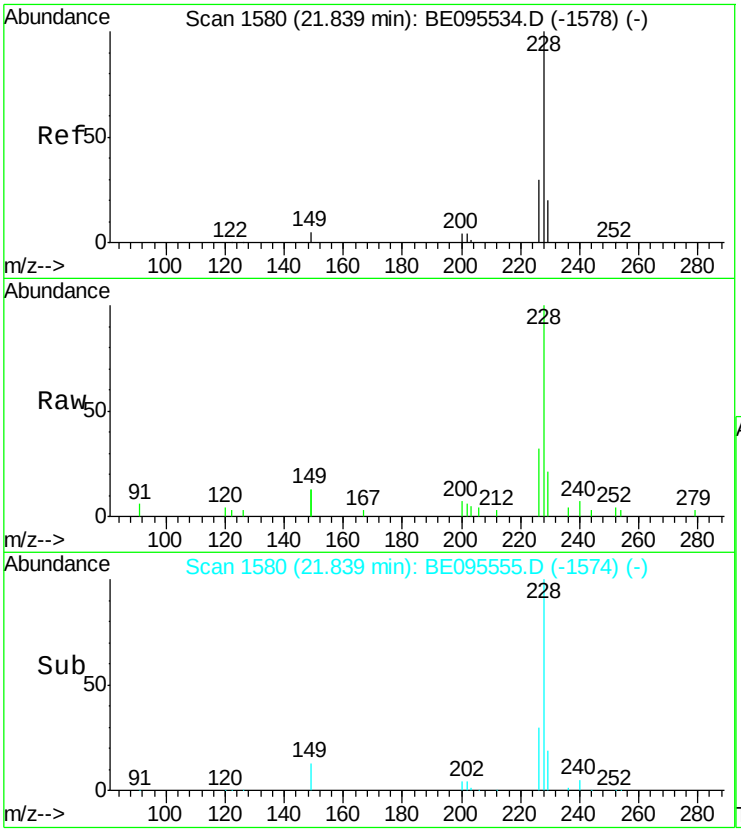


#30
Benzo(a)anthracene
Concen: 0.084 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:228 Resp: 2054

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	21.4	16.0	24.0



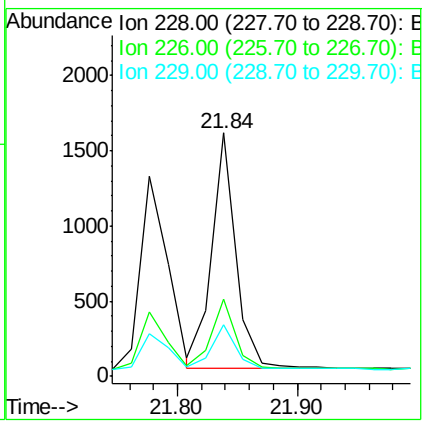


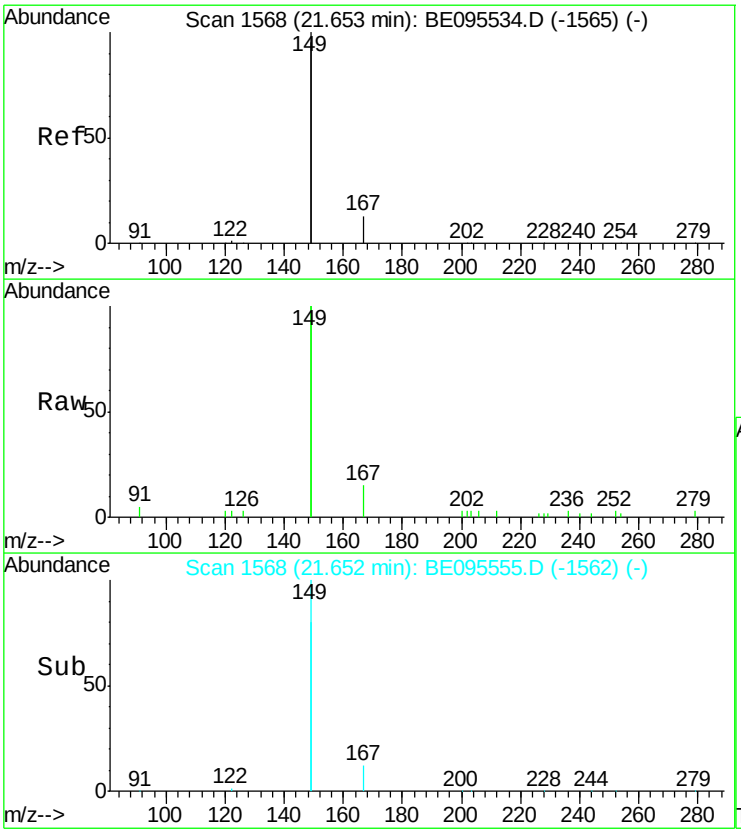
#31
Chrysene
Concen: 0.090 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2160

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	21.3	16.0	24.0

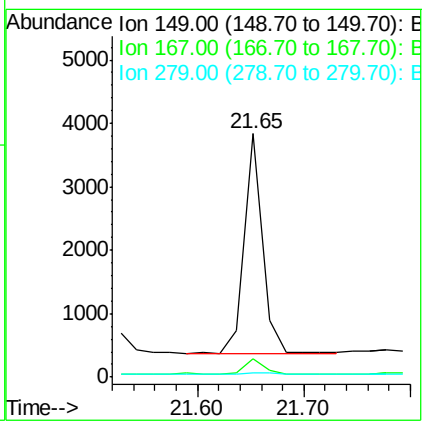


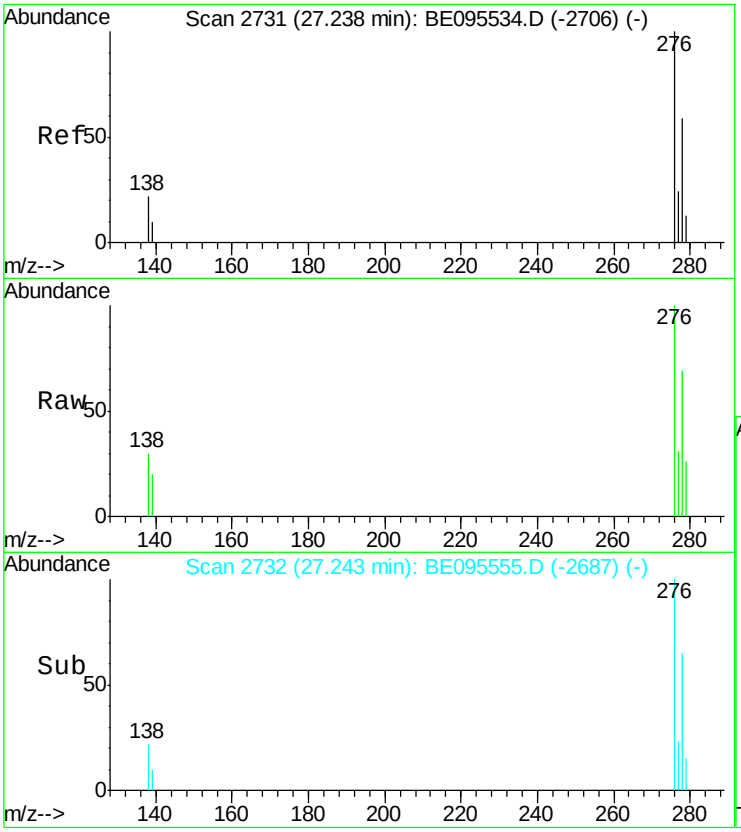


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:149 Resp: 4110

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



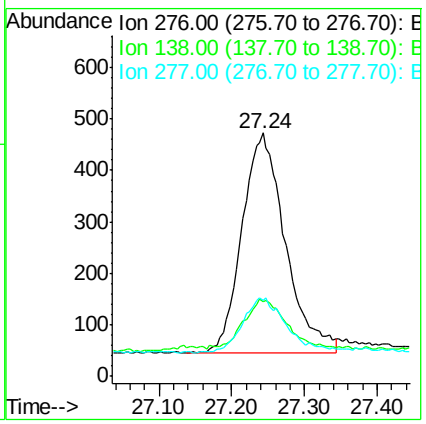


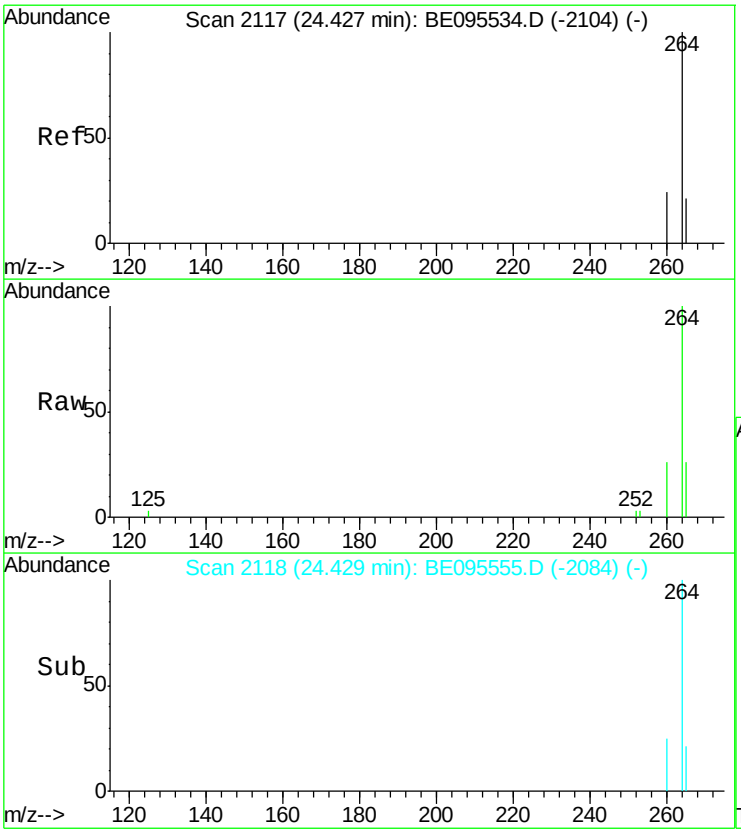
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 27.24 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1758

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.5	33.7
277	25.4	19.9	29.9

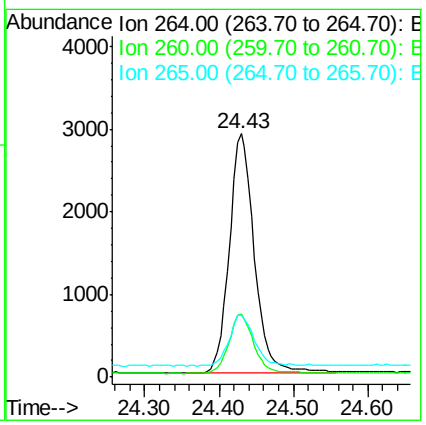


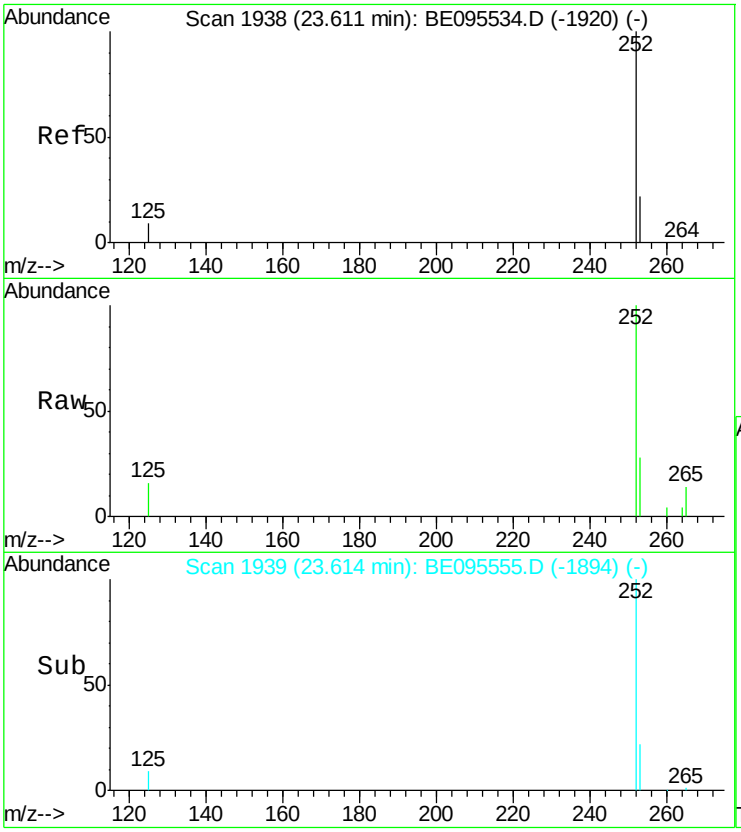


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:264 Resp: 6776

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.6	22.8	34.2



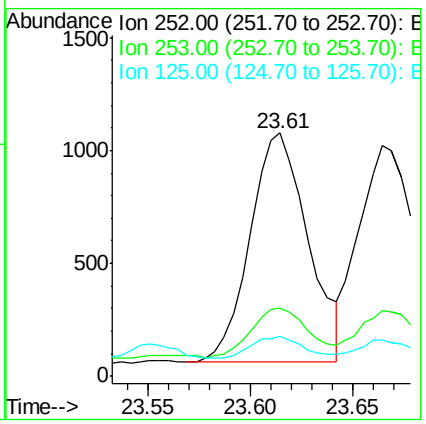


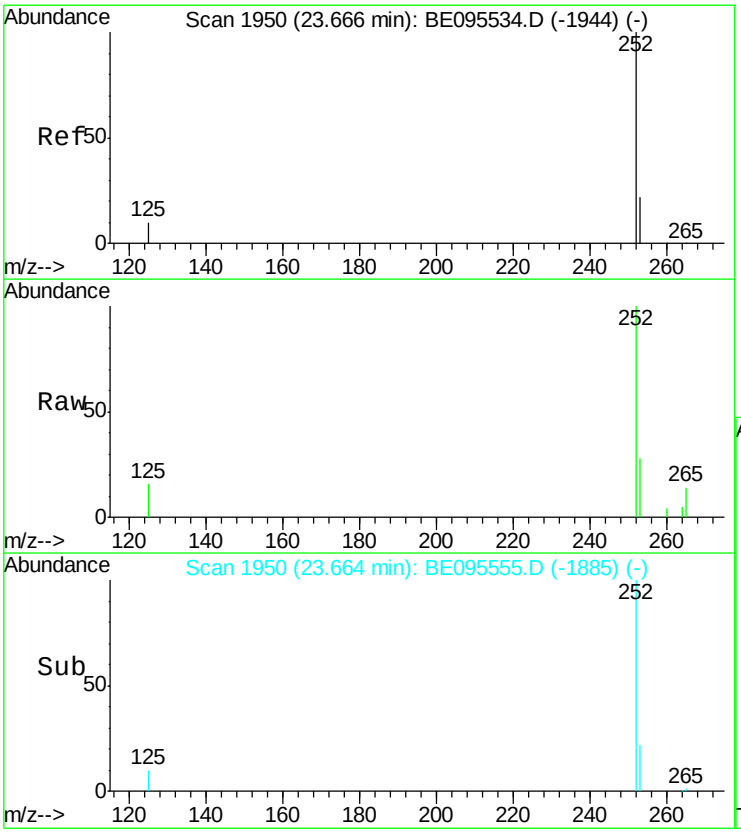
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 23.61 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2000

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.0	30.0
125	16.2	16.0	24.0

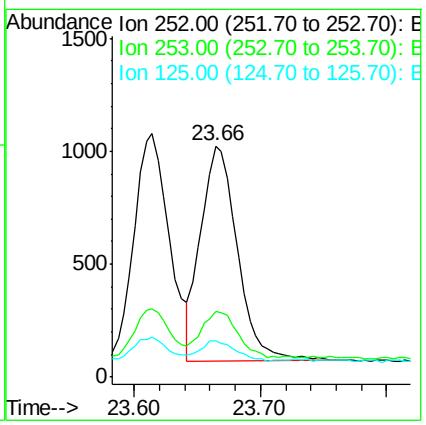


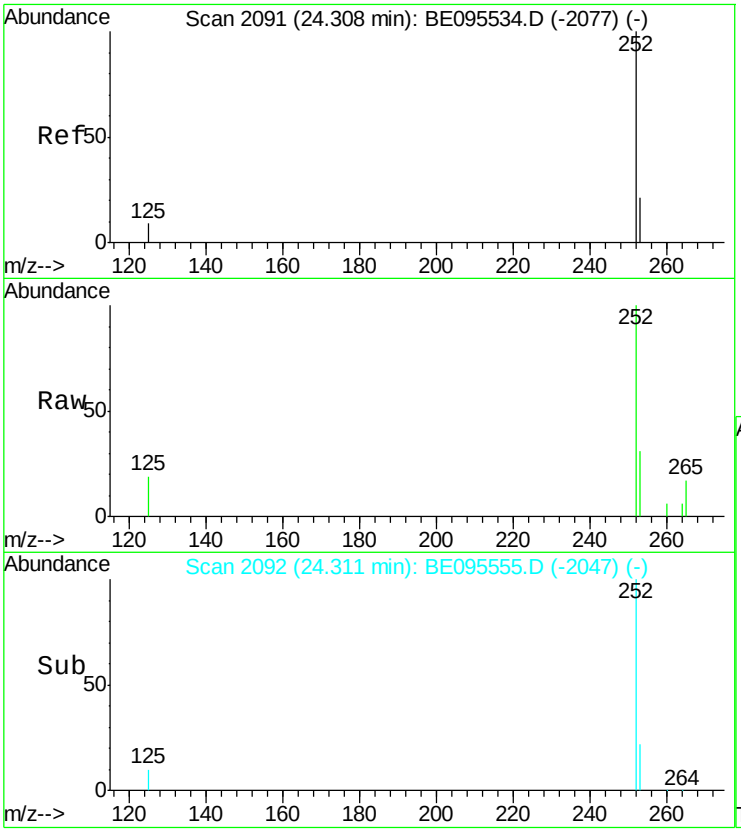


#36
Benzo(k)fluoranthene
Concen: 0.081 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:252 Resp: 1922

Ion	Ratio	Lower	Upper
252	100		
253	28.3	16.0	24.0#
125	15.9	8.0	12.0#



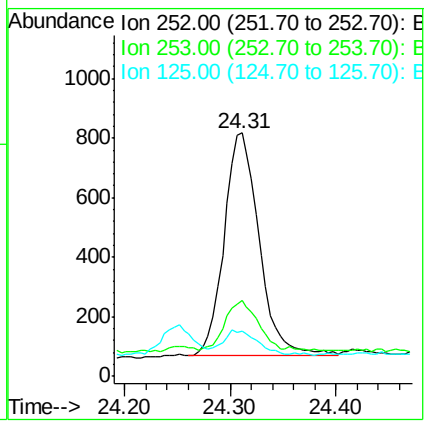


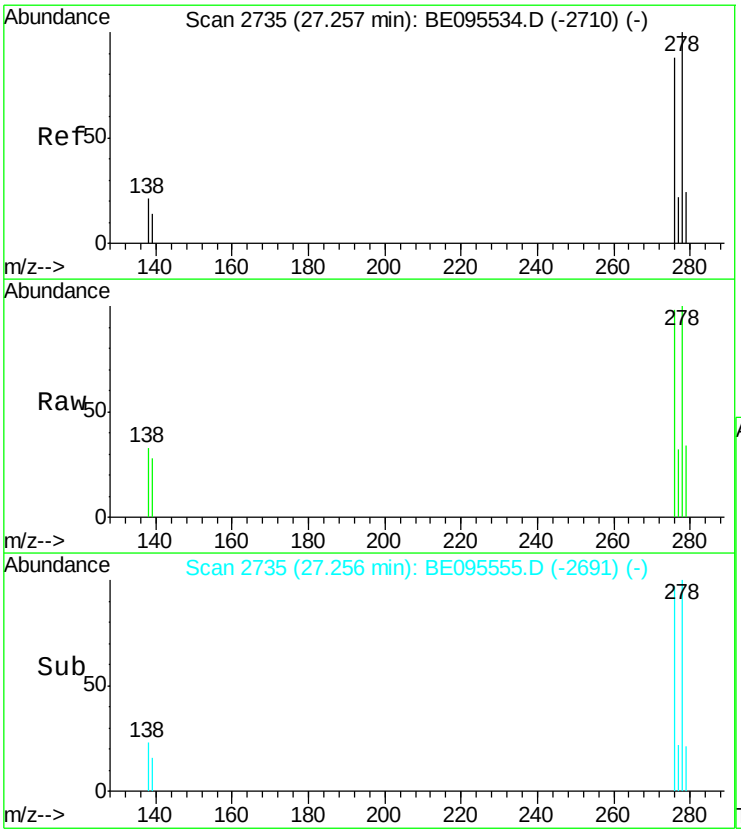
#37
Benzo(a)pyrene
Concen: 0.080 ng
RT: 24.31 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1725

Ion	Ratio	Lower	Upper
252	100		
253	31.1	16.0	24.0#
125	18.6	12.0	18.0#

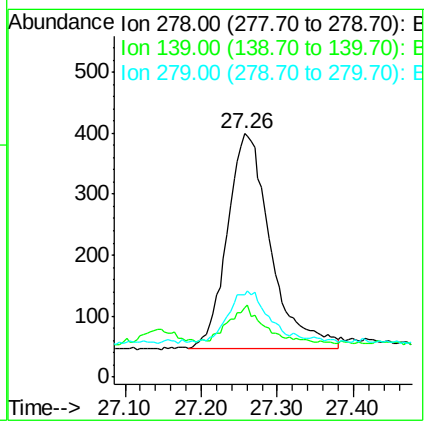


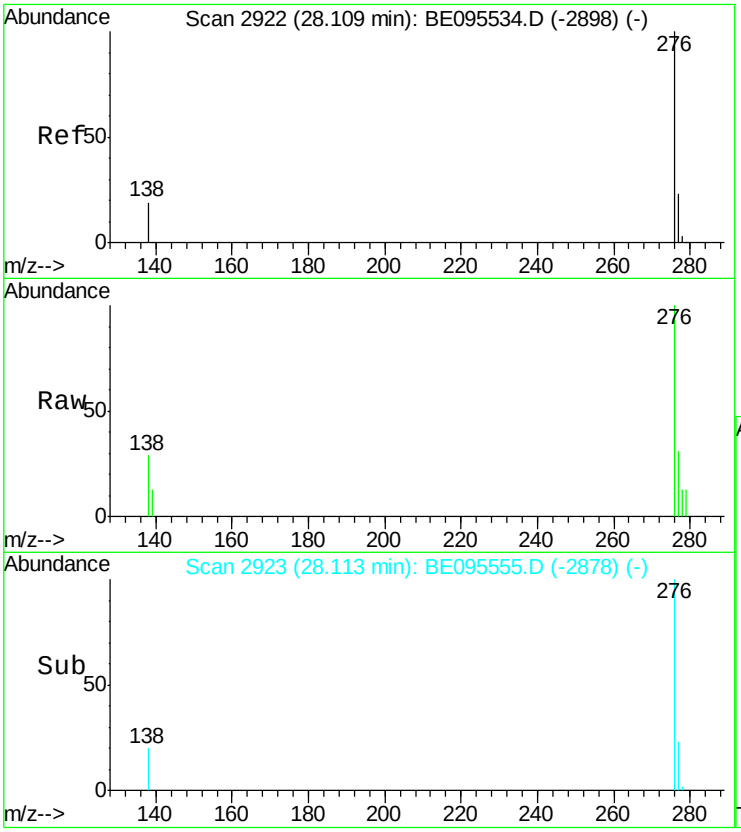


#38
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 27.26 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:278 Resp: 1397

Ion	Ratio	Lower	Upper
278	100		
139	28.3	16.0	24.0#
279	33.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.082 ng
RT: 28.11 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1664

Ion	Ratio	Lower	Upper
276	100		
277	31.4	16.0	24.0#
138	29.4	20.0	30.0