Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095557.D
Acq On : 7 Feb 2018 17:40
Operator : SJ/JU
Sample : J1161-09
Misc : MDL 0.1ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 08 01:16:43 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	8.43	152	1409	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5399	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3081	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7464	0.40	ng		0.00
27) Chrysene-d12	21.81	240	7348	0.40	ng		0.02
34) Perylene-d12	24.43	264	6672	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1147	0.27	ng		0.00
5) Phenol-d6	7.56	99	1510	0.26	ng		0.00
8) Nitrobenzene-d5	9.61	82	1582	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2554	0.29	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	284	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4060	0.31	ng		0.00
25) Fluoranthene-d10	19.69	212	26702	0.27	ng		0.00
29) Terphenyl-d14	20.25	244	4644	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	286	0.123	ng	#	69
3) n-Nitrosodimethylamine	4.01	42	205	0.070	ng	#	79
6) bis(2-Chloroethyl)ether	7.83	93	467	0.086	ng		93
9) Naphthalene	11.33	128	5445	0.087	ng	#	97
10) Hexachlorobutadiene	11.58	225	322	0.096	ng		99
12) 2-Methylnaphthalene	12.88	142	937	0.088	ng		93
16) Acenaphthylene	14.73	152	1402	0.080	ng		97
17) Acenaphthene	15.07	154	913	0.084	ng		88
18) Fluorene	16.04	166	1167	0.085	ng	#	79
20) 4-Bromophenyl-phenylether	16.91	248	397	0.088	ng	#	76
21) Hexachlorobenzene	17.02	284	417	0.090	ng	#	81
22) Pentachlorophenol	17.37	266	47	0.187	ng		98
23) Phenanthrene	17.74	178	1981	0.086	ng		98
24) Anthracene	17.85	178	1732	0.081	ng	#	96
26) Fluoranthene	19.72	202	2448	0.085	ng		98
28) Pyrene	20.06	202	2519	0.082	ng	#	94
30) Benzo(a)anthracene	21.78	228	2049	0.084	ng		98
31) Chrysene	21.84	228	2133	0.088	ng		98
32) Bis(2-ethylhexyl)phthalate	21.65	149	3857	0.068	ng	#	99
33) Indeno(1,2,3-cd)pyrene	27.24	276	1769	0.076	ng	#	91
35) Benzo(b)fluoranthene	23.66	252	1857	0.082	ng		92
36) Benzo(k)fluoranthene	23.66	252	1857	0.079	ng	#	80
37) Benzo(a)pyrene	24.31	252	1758	0.083	ng	#	85
38) Dibenzo(a,h)anthracene	27.26	278	1361	0.073	ng	#	86
39) Benzo(g,h,i)perylene	28.11	276	1578	0.079	ng	#	82

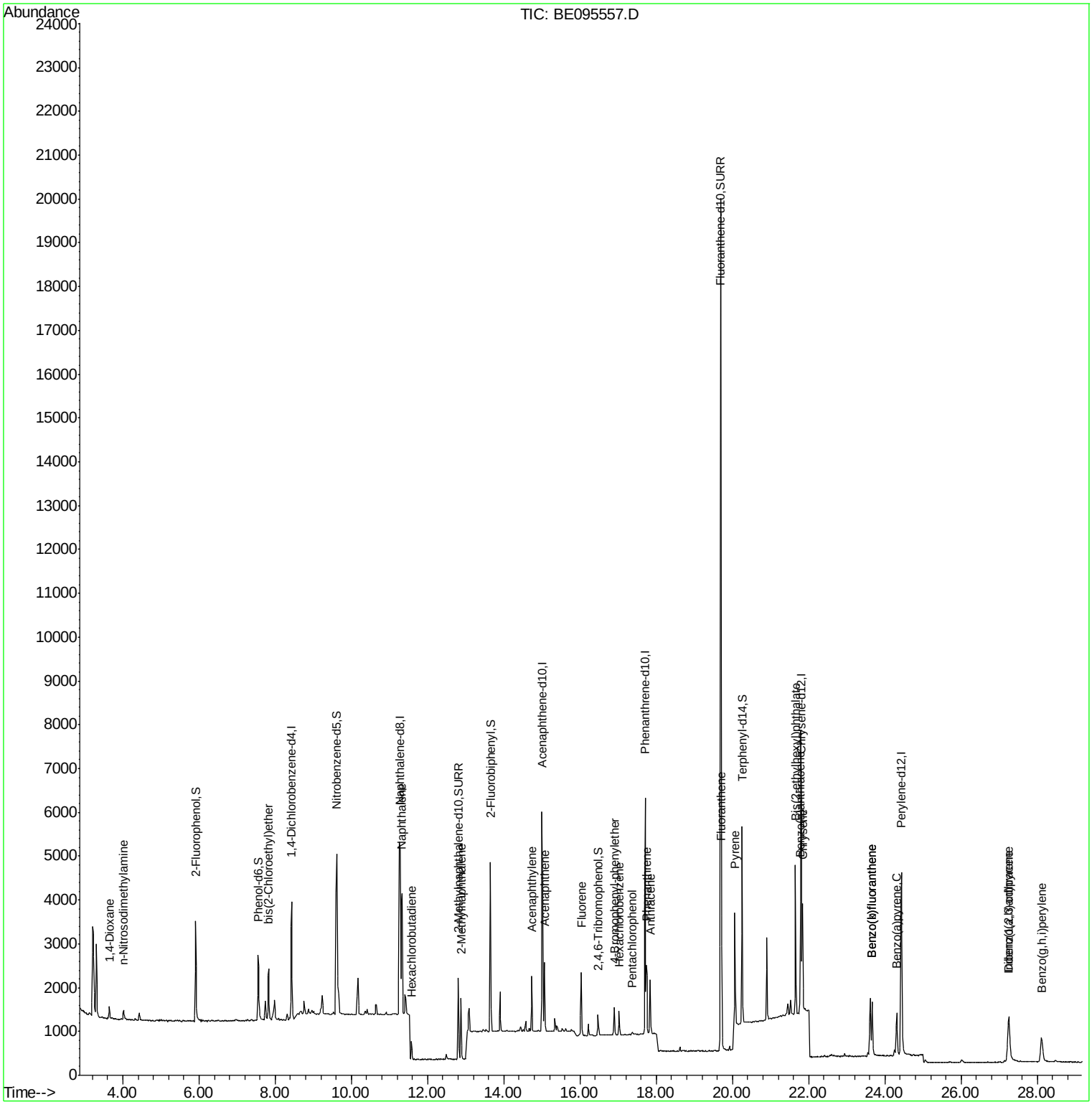
(#) = qualifier out of range (m) = manual integration (+) = signals summed

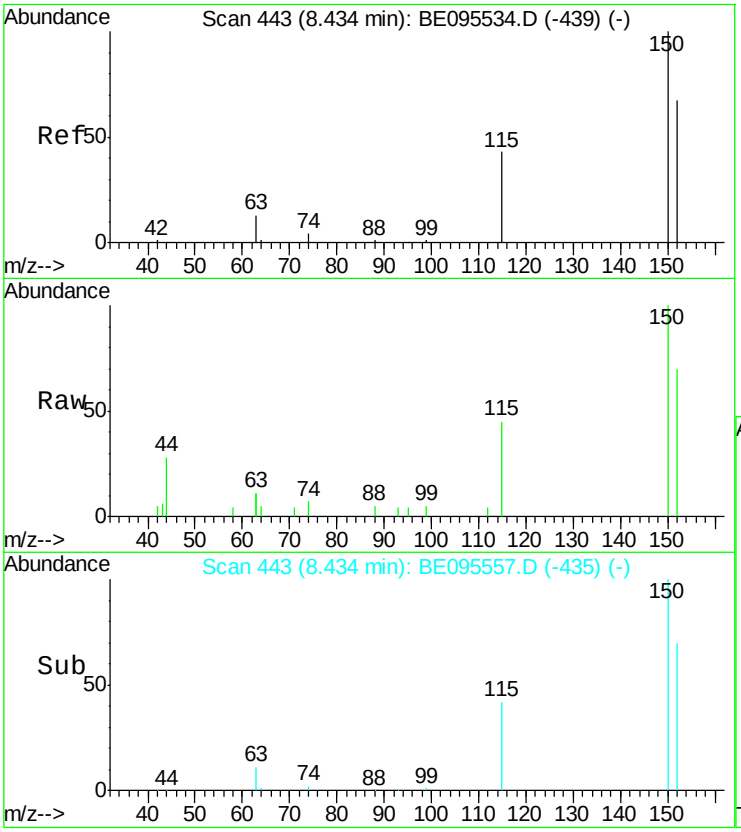
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095557.D
Acq On : 7 Feb 2018 17:40
Operator : SJ/JU
Sample : J1161-09
Misc : MDL 0.1ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 08 01:16:43 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



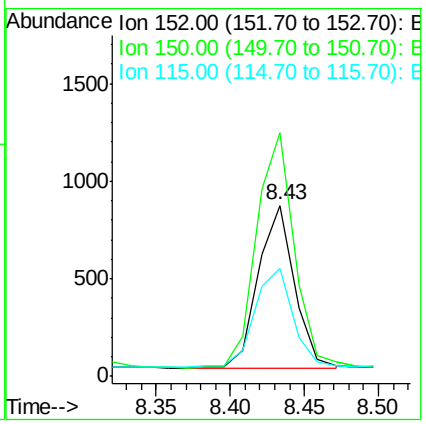


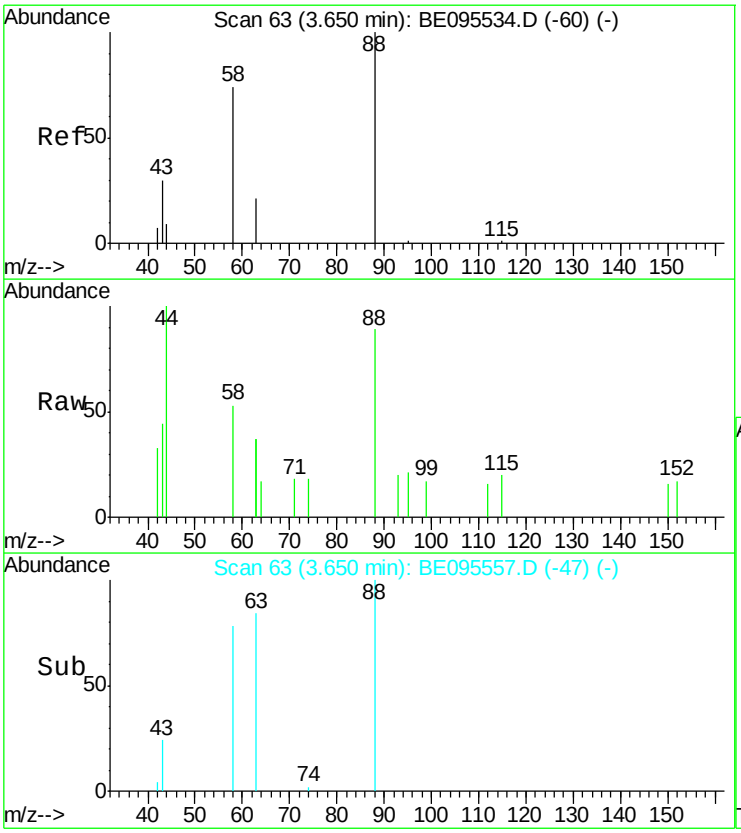
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1409

Ion	Ratio	Lower	Upper
152	100		
150	142.1	117.2	175.8
115	63.3	57.0	85.6

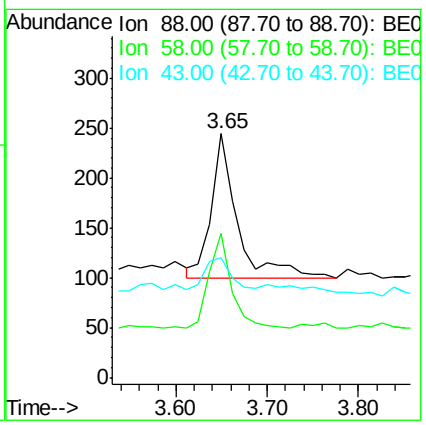


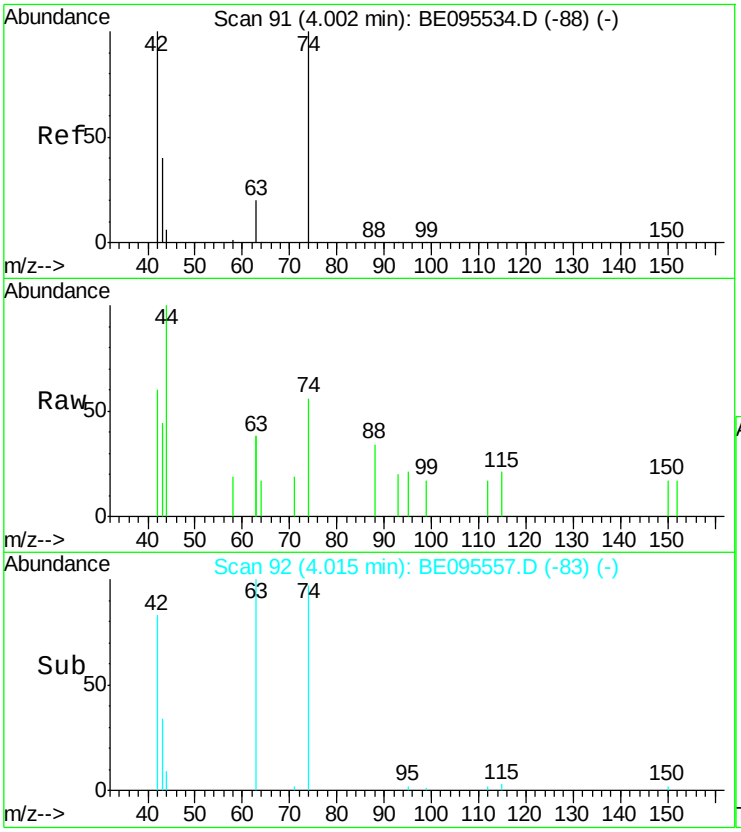


#2
1,4-Dioxane
Concen: 0.123 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion: 88 Resp: 286

Ion	Ratio	Lower	Upper
88	100		
58	58.7	63.2	94.8#
43	21.3	41.2	61.8#



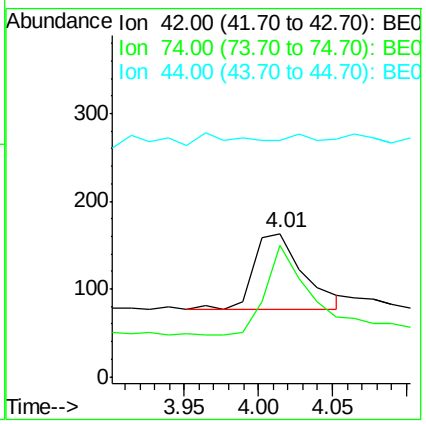


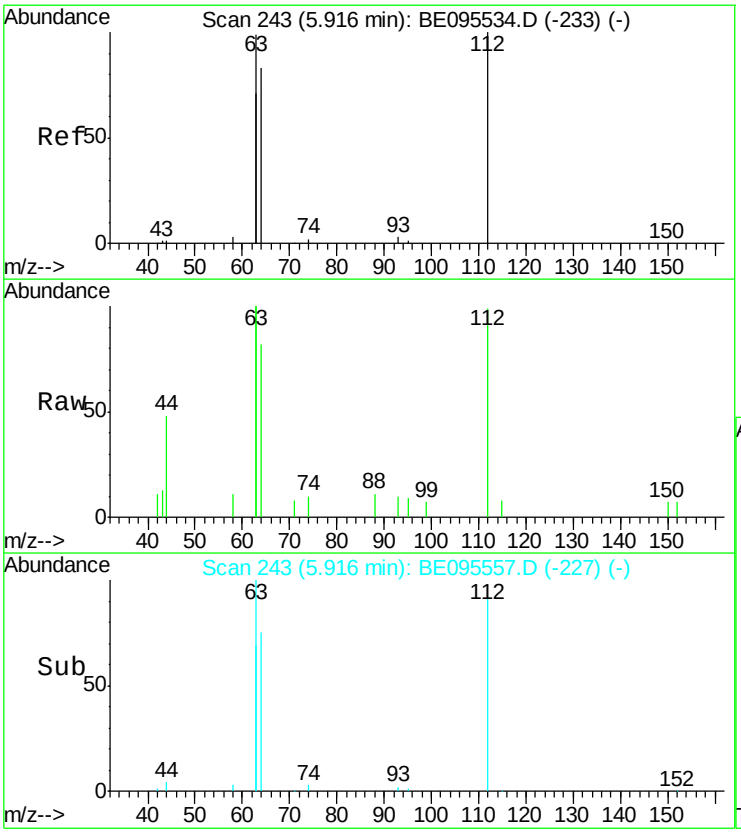
#3
n-Nitrosodimethylamine
Concen: 0.070 ng
RT: 4.01 min Scan# 92
Delta R.T. 0.01 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 205

Ion	Ratio	Lower	Upper
42	100		
74	97.1	96.0	144.0
44	4.9	12.0	18.0#

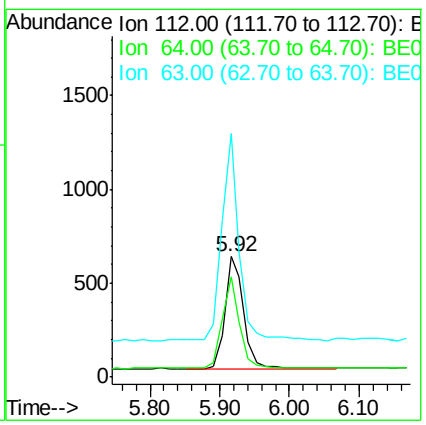


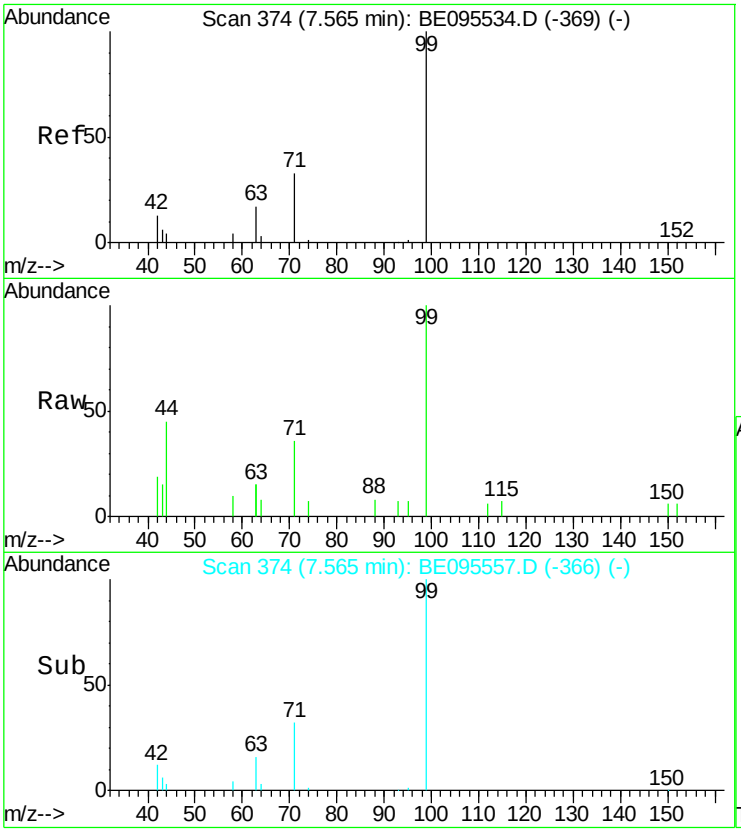


#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:112 Resp: 1147

Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.1	90.1
63	166.6	116.8	175.2



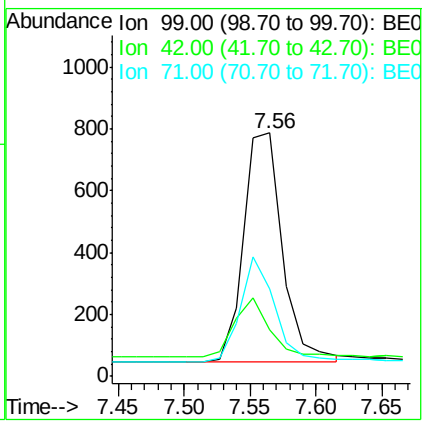


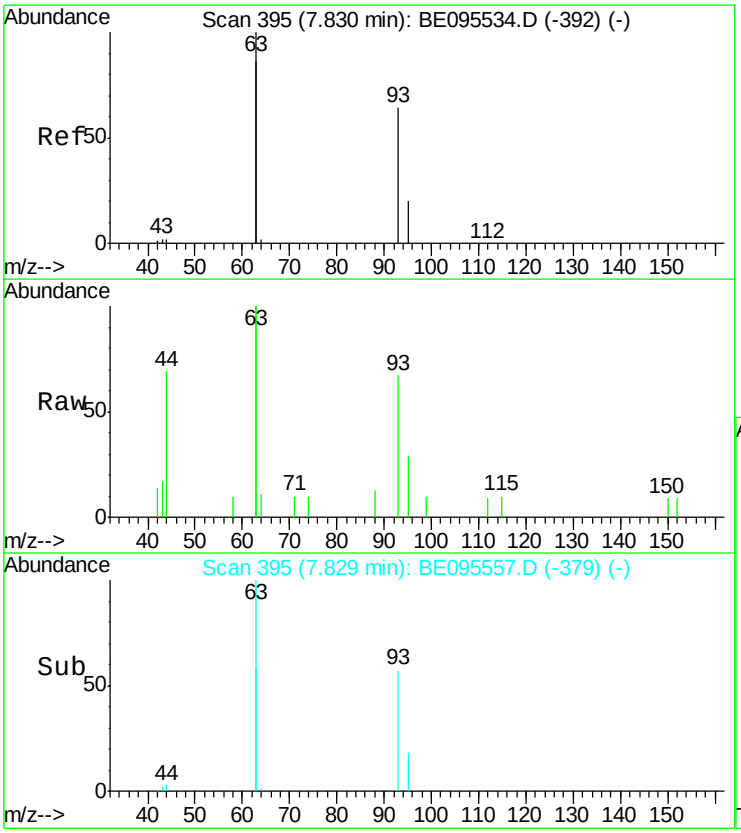
#5
Phenol-d6
Concen: 0.257 ng
RT: 7.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1510

Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.2	30.2
71	41.4	28.4	42.6

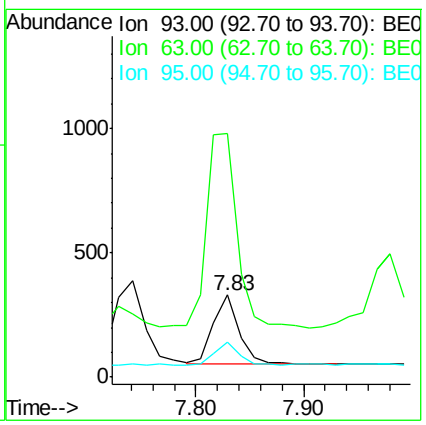


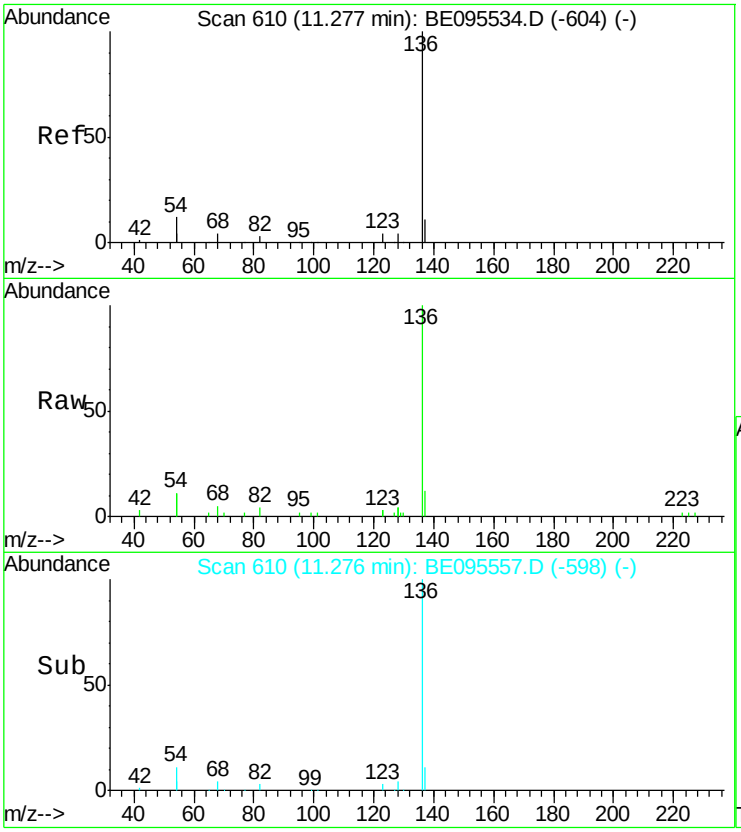


#6
bis(2-Chloroethyl)ether
Concen: 0.086 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion: 93 Resp: 467

Ion	Ratio	Lower	Upper
93	100		
63	327.6	275.3	412.9
95	32.1	25.2	37.8



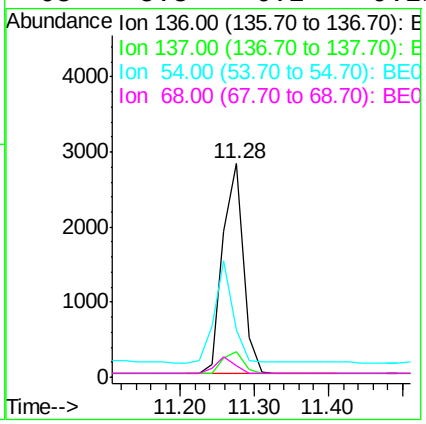


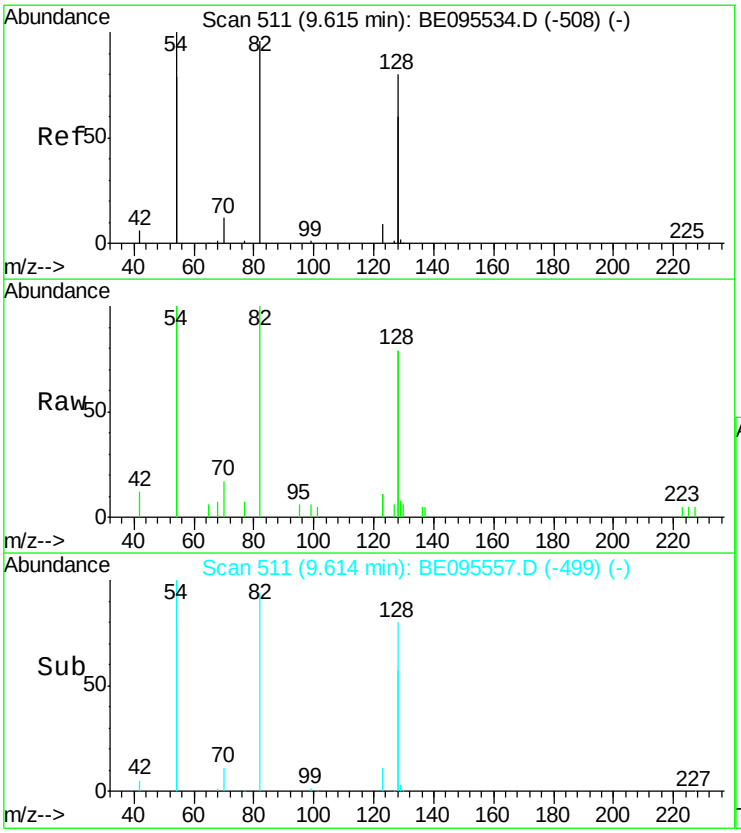
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5399

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	22.1	29.1	43.7#
68	5.3	6.2	9.2#

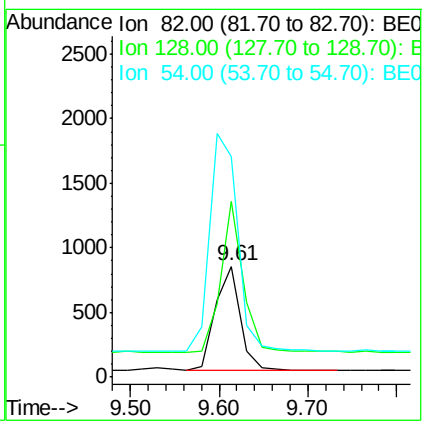


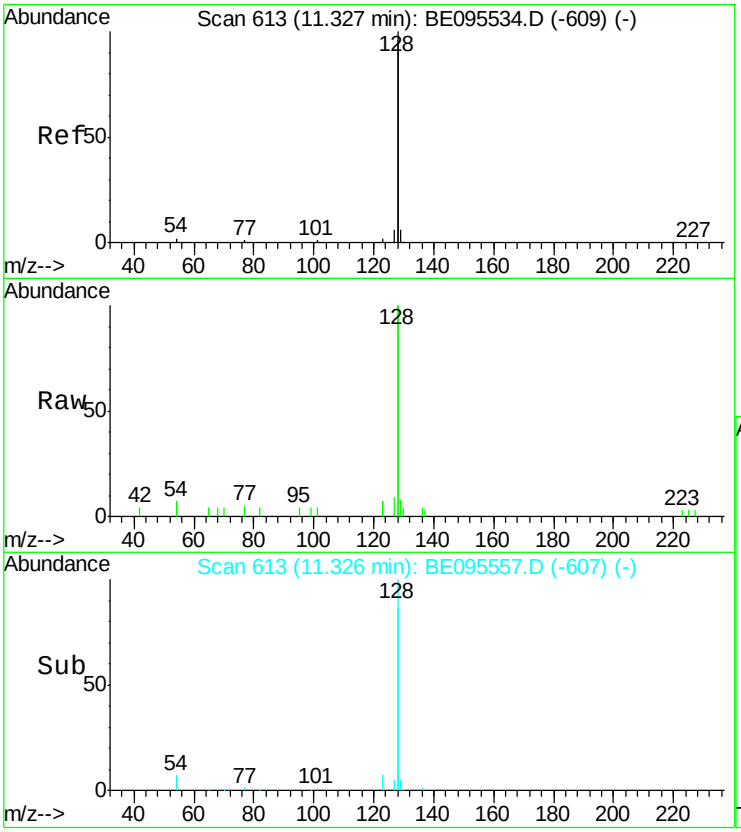


#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion: 82 Resp: 1582

Ion	Ratio	Lower	Upper
82	100		
128	158.8	150.0	225.0
54	199.1	154.2	231.4



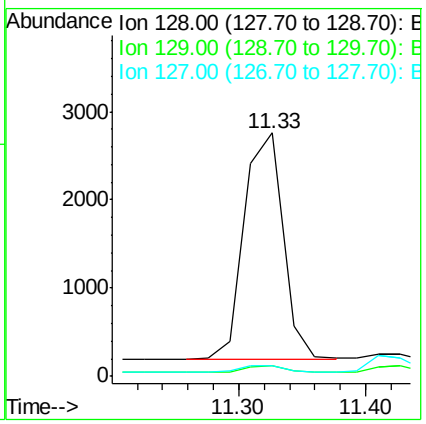


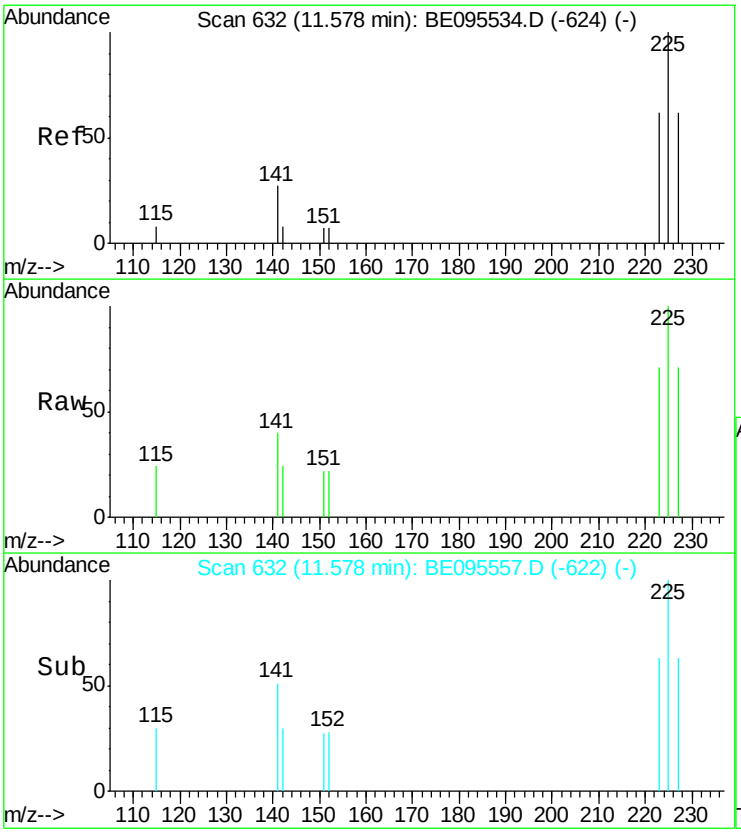
#9
Naphthalene
Concen: 0.087 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5445

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

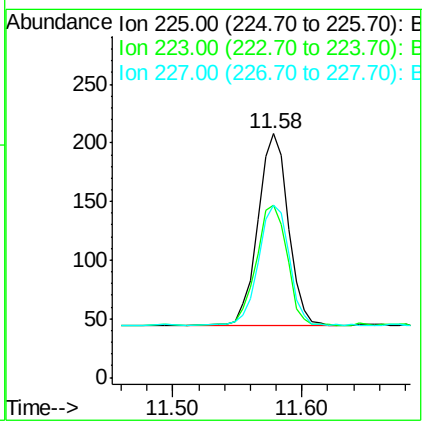


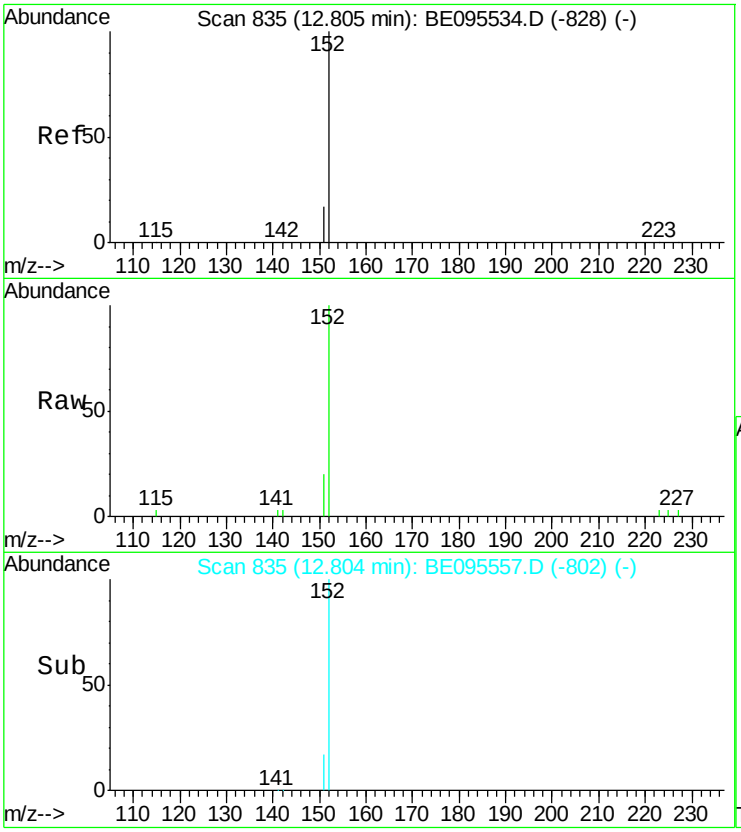


#10
Hexachlorobutadiene
Concen: 0.096 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:225 Resp: 322

Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.0	79.6
227	64.6	51.4	77.2



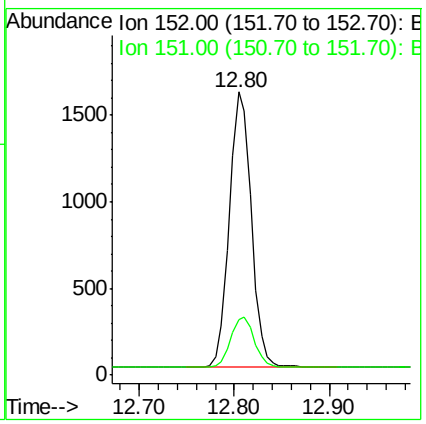


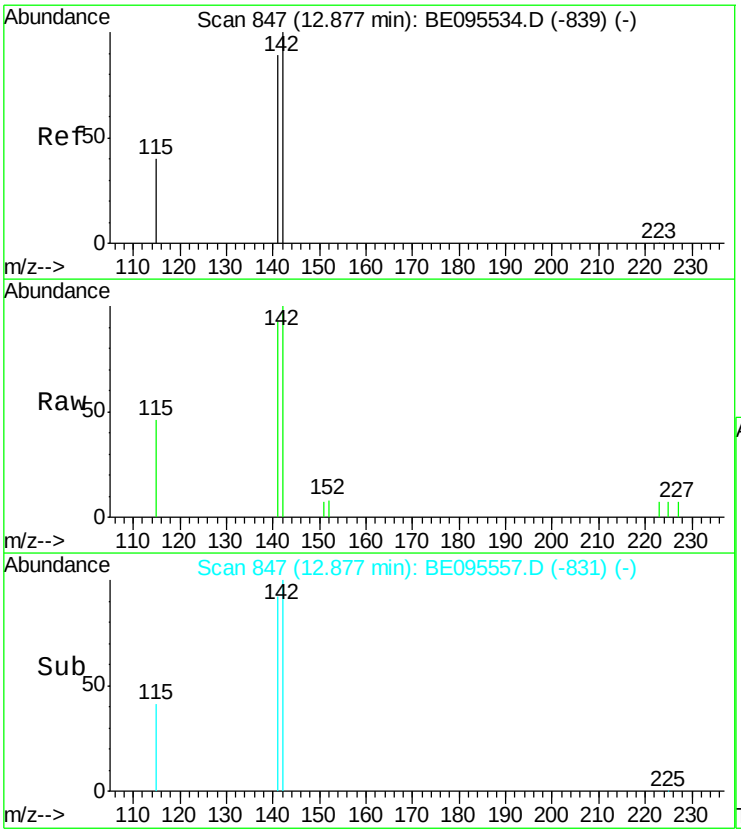
#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2554

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

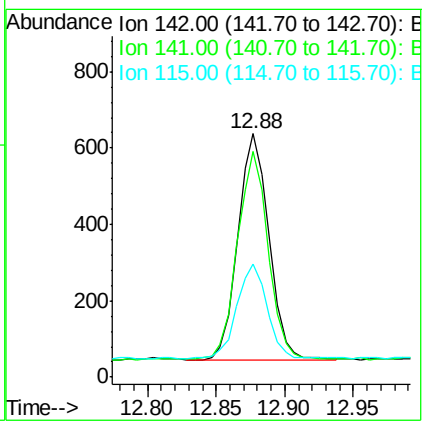


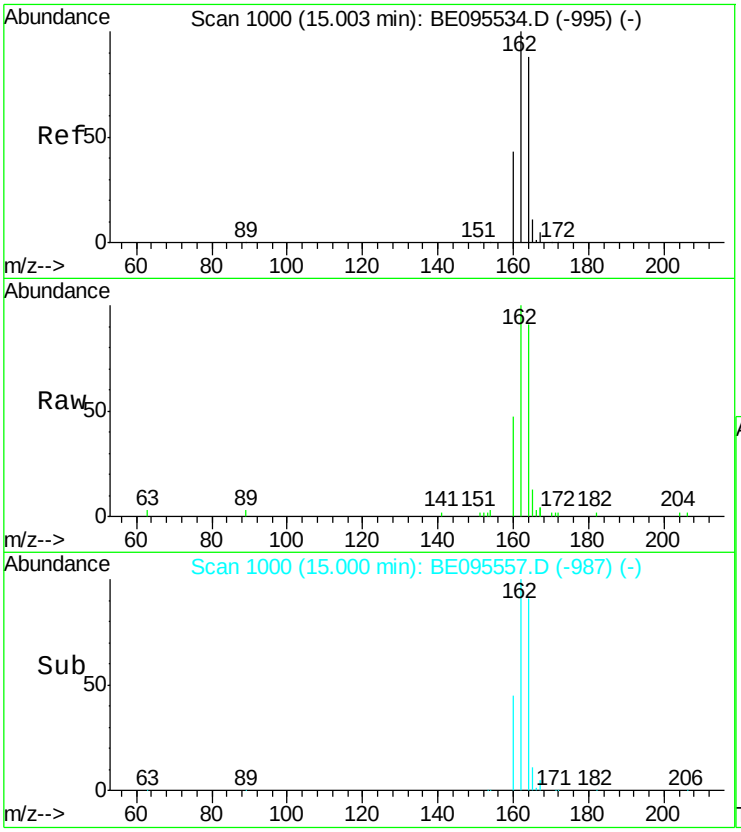


#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:142 Resp: 937

Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.4	105.6
115	46.2	31.7	47.5



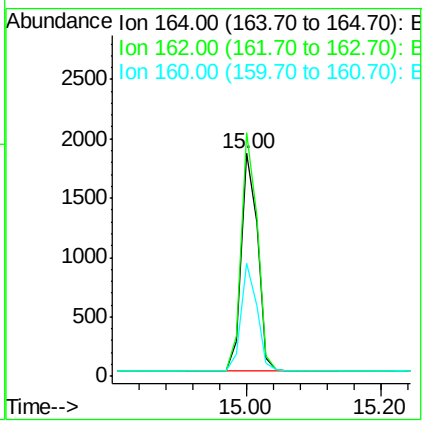


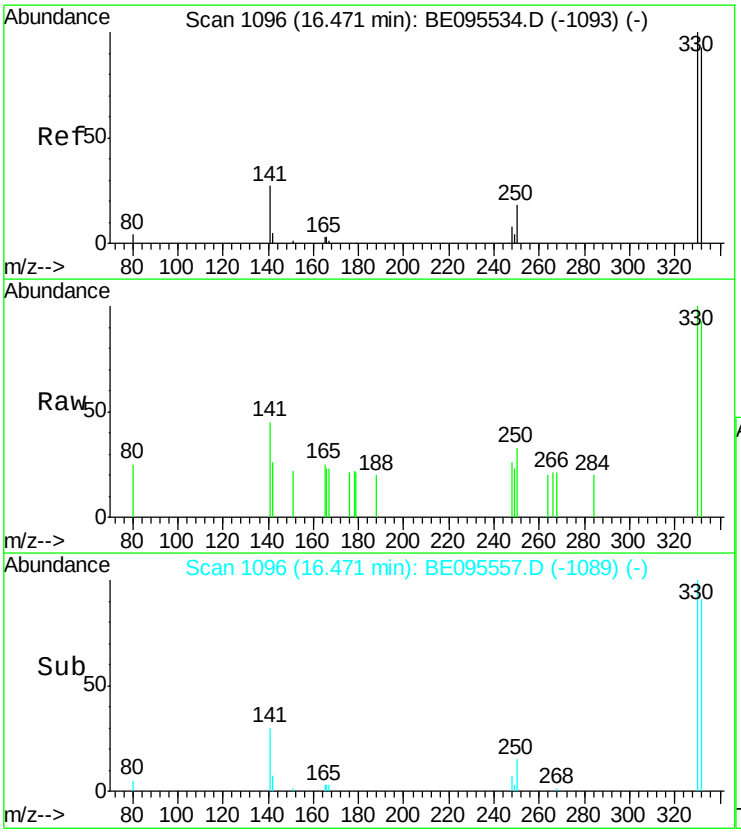
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3081

Ion	Ratio	Lower	Upper
164	100		
162	109.4	83.1	124.7
160	51.0	37.1	55.7

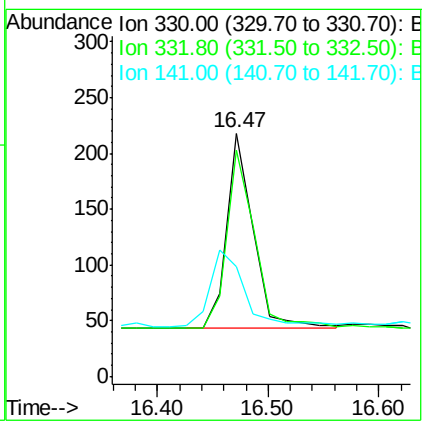


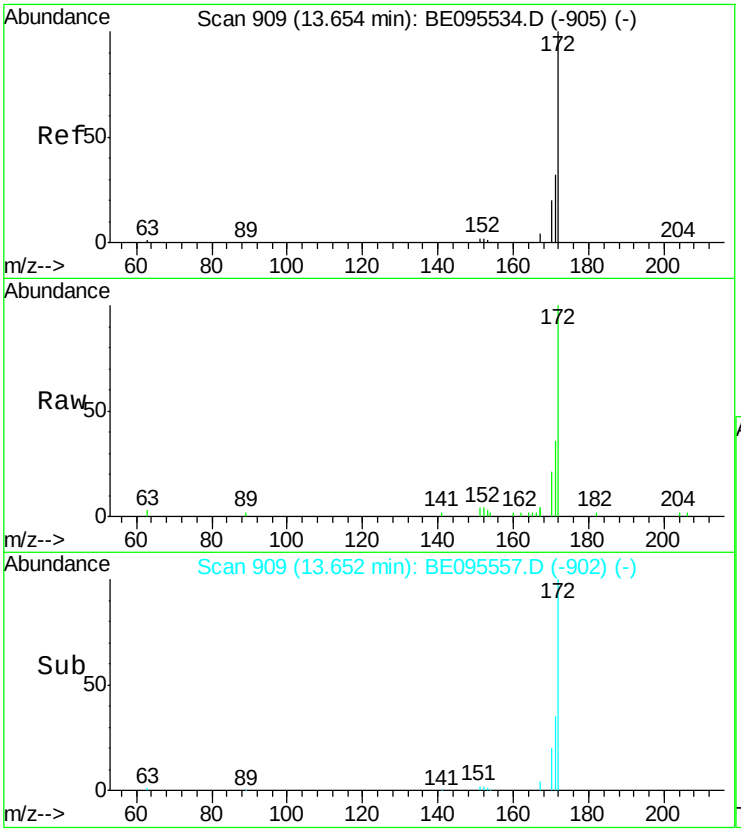


#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:330 Resp: 284

Ion	Ratio	Lower	Upper
330	100		
332	100.7	152.7	229.1#
141	53.9	33.7	50.5#



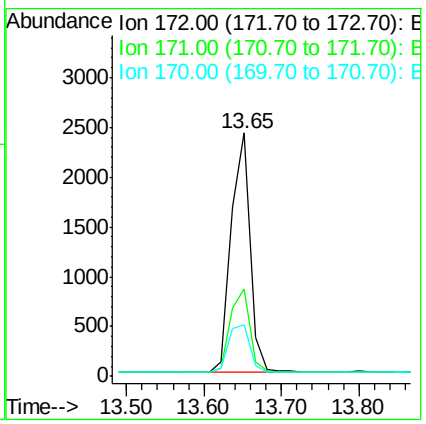


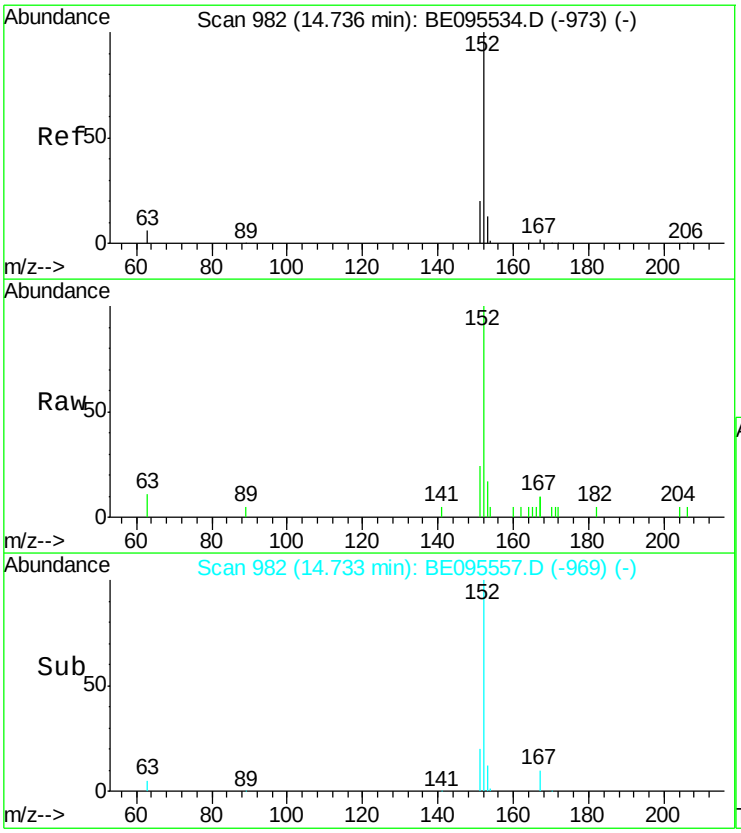
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4060

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	21.2	21.8	32.8#

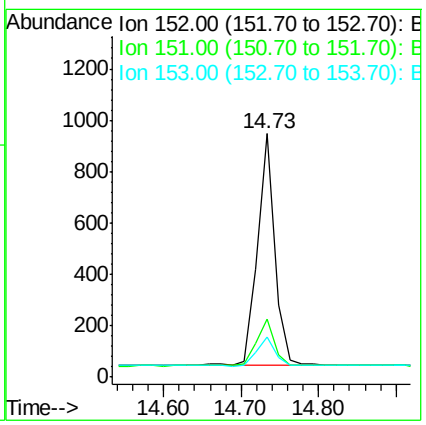


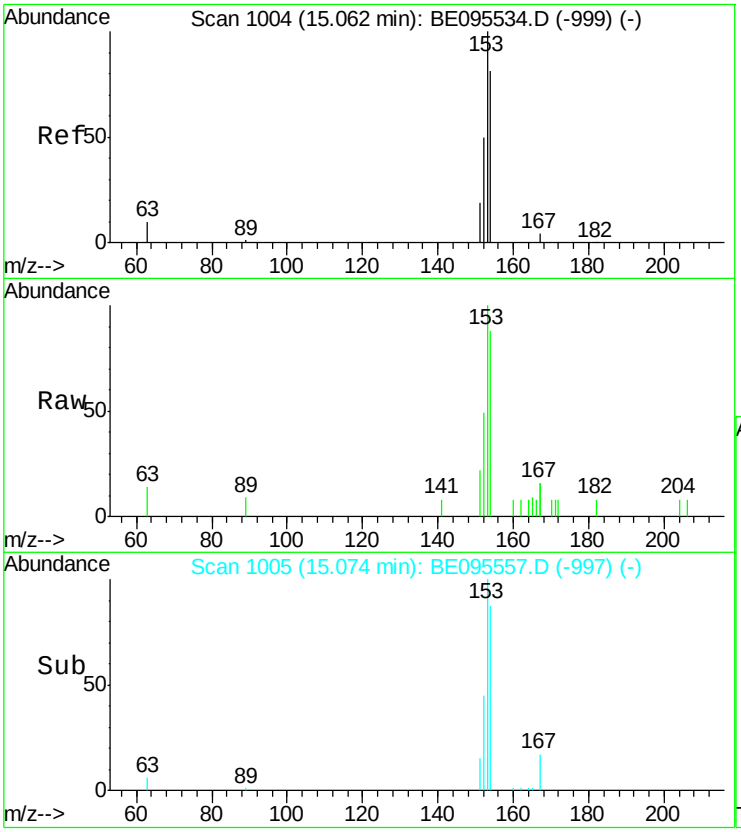


#16
Acenaphthylene
Concen: 0.080 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:152 Resp: 1402

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	13.3	10.5	15.7



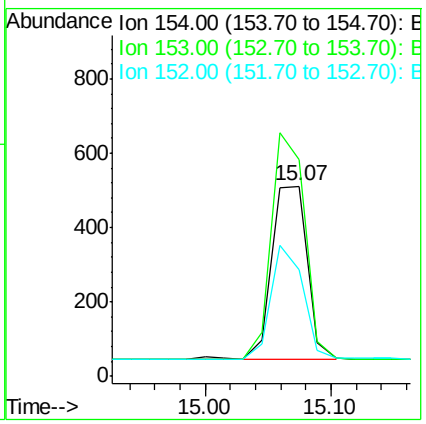


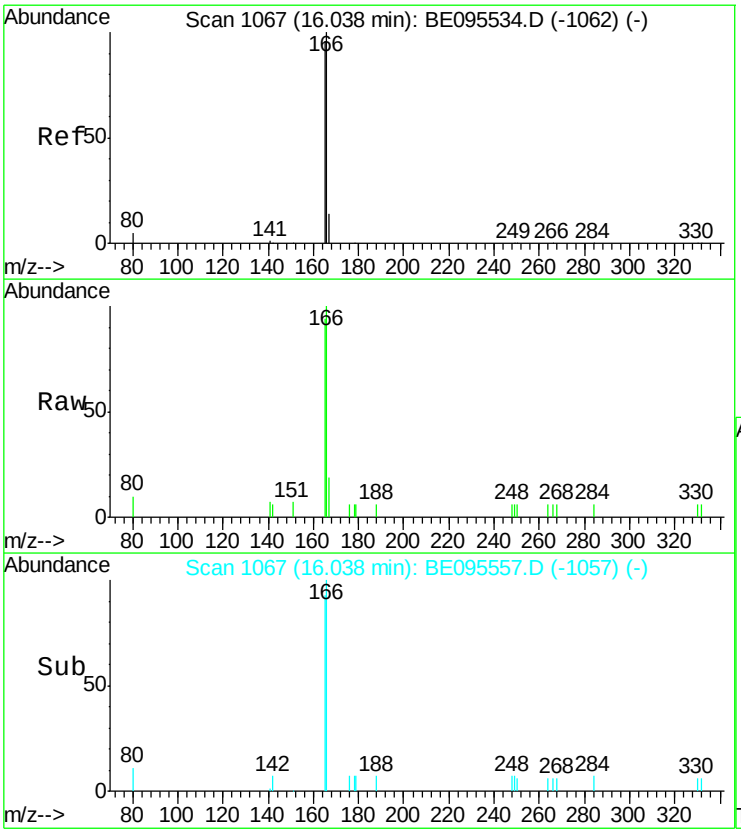
#17
Acenaphthene
Concen: 0.084 ng
RT: 15.07 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 913

Ion	Ratio	Lower	Upper
154	100		
153	124.5	89.2	133.8
152	59.6	42.0	63.0

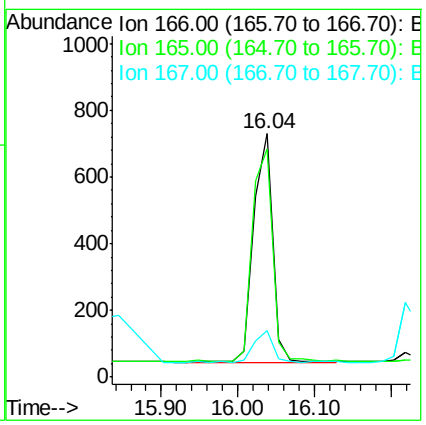


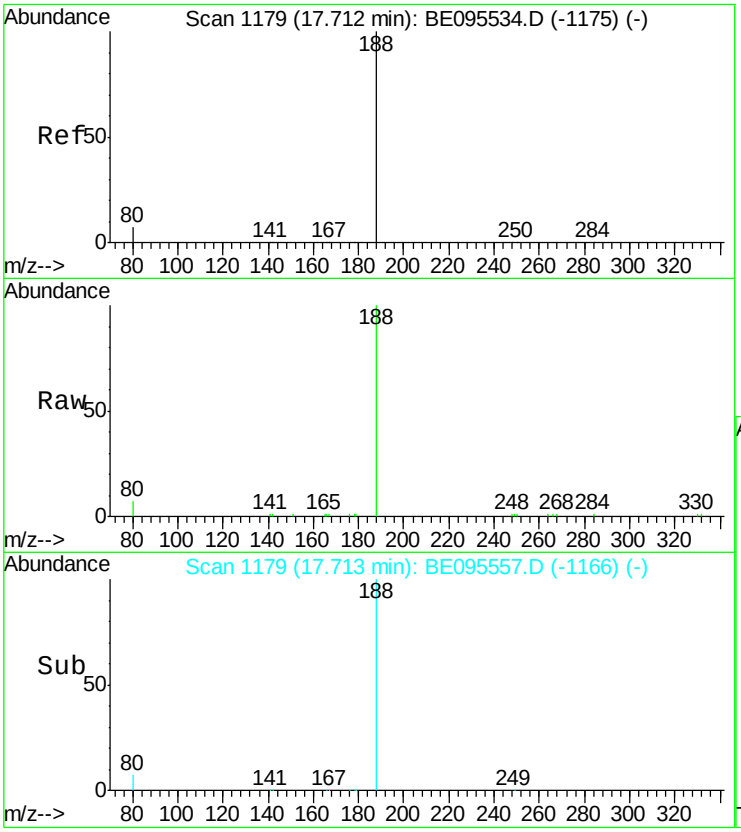


#18
Fluorene
Concen: 0.085 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:166 Resp: 1167

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.5	42.4	63.6#



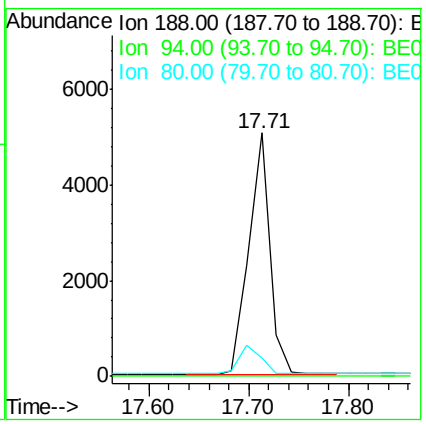


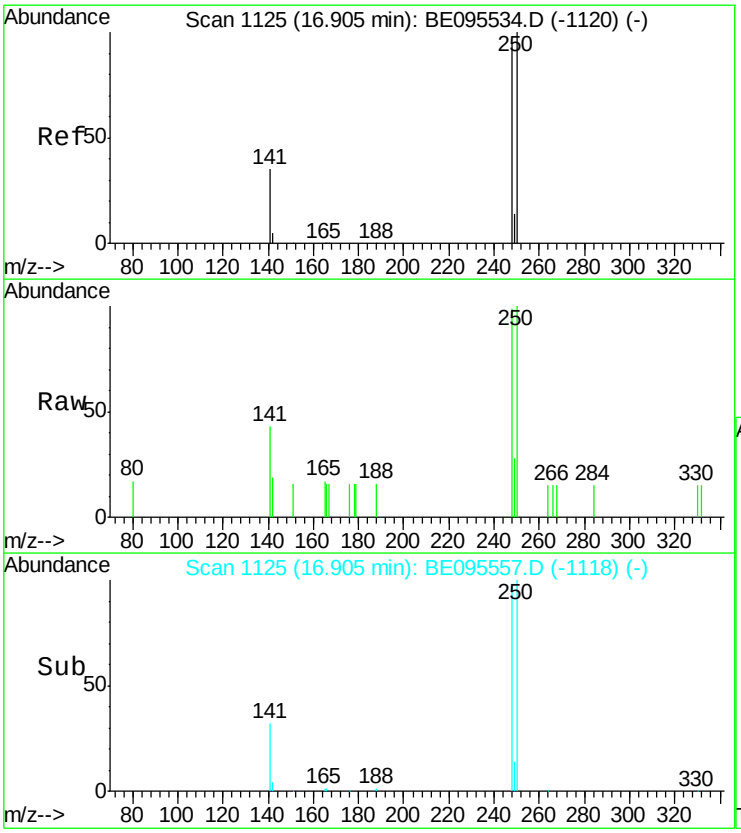
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7464

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.4	3.6	5.4#

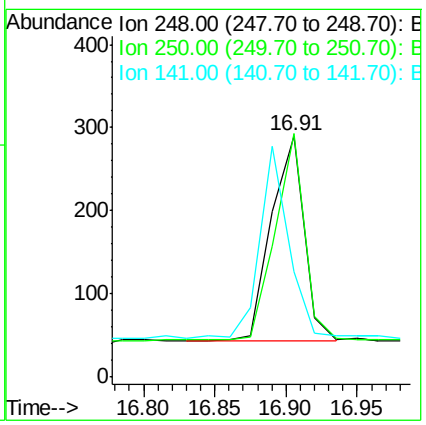


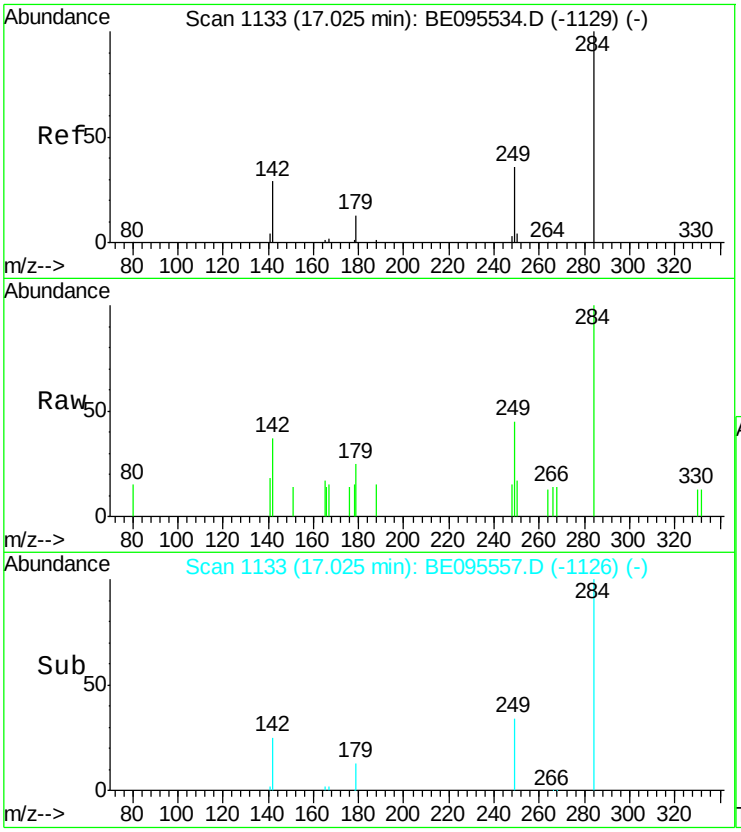


#20
4-Bromophenyl-phenylether
Concen: 0.088 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:248 Resp: 397

Ion	Ratio	Lower	Upper
248	100		
250	101.0	62.7	94.1#
141	43.8	48.2	72.2#



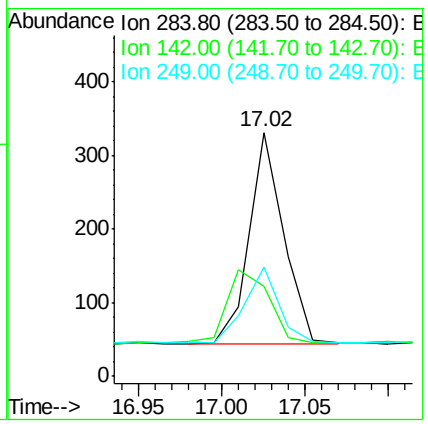


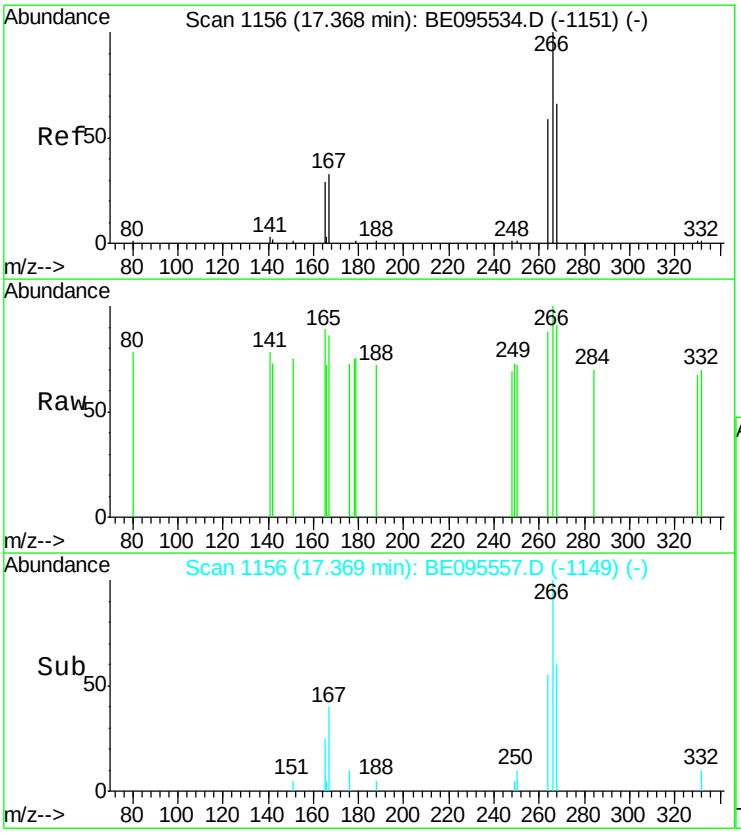
#21
Hexachlorobenzene
Concen: 0.090 ng
RT: 17.02 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 417

Ion	Ratio	Lower	Upper
284	100		
142	41.7	22.1	33.1#
249	34.3	34.8	52.2#

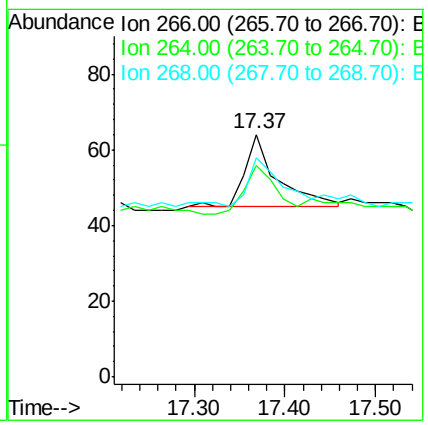


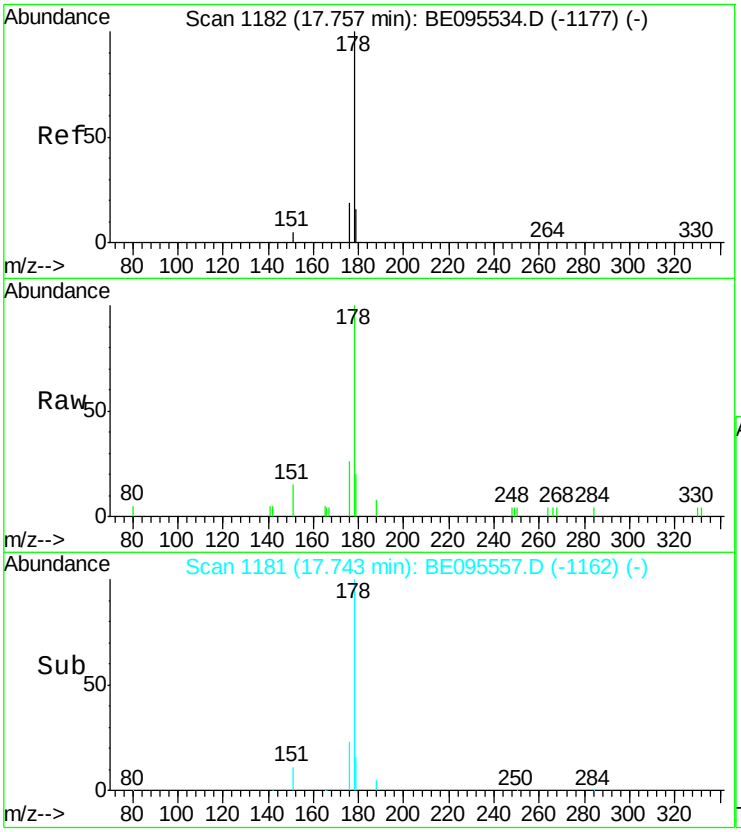


#22
Pentachlorophenol
Concen: 0.187 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	87.5	72.5	108.7
268	90.6	73.8	110.6



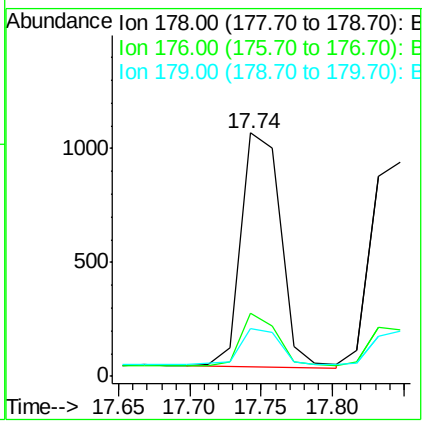


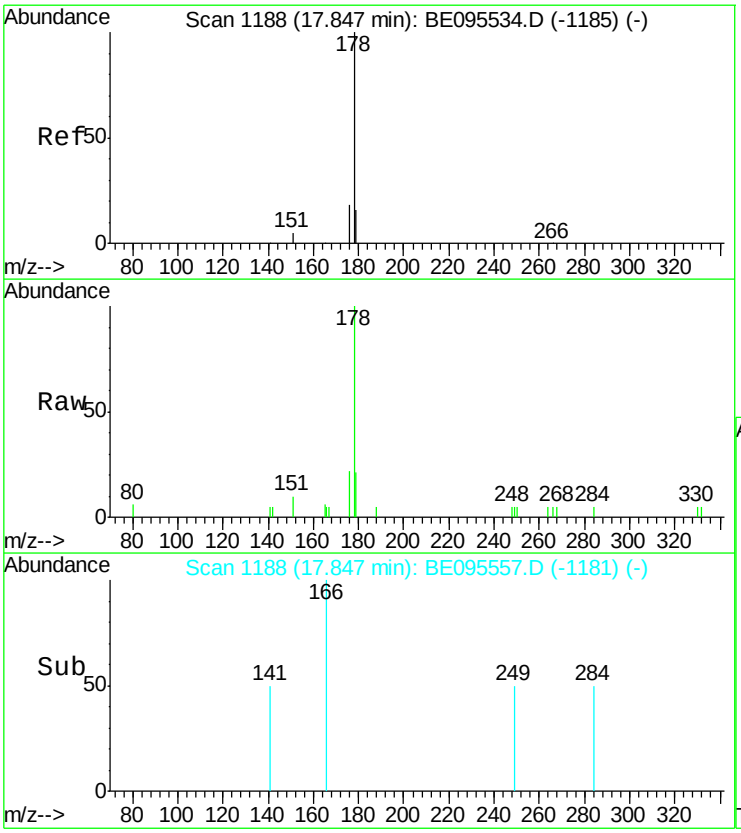
#23
Phenanthrene
Concen: 0.086 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1981

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	14.8	11.8	17.6

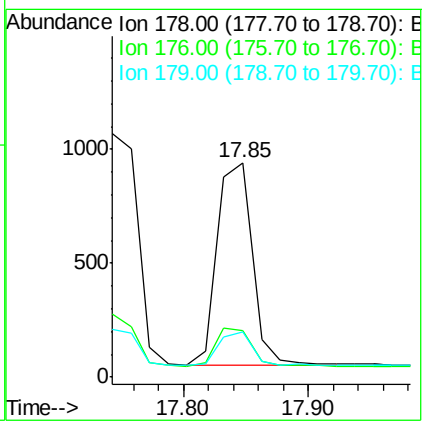


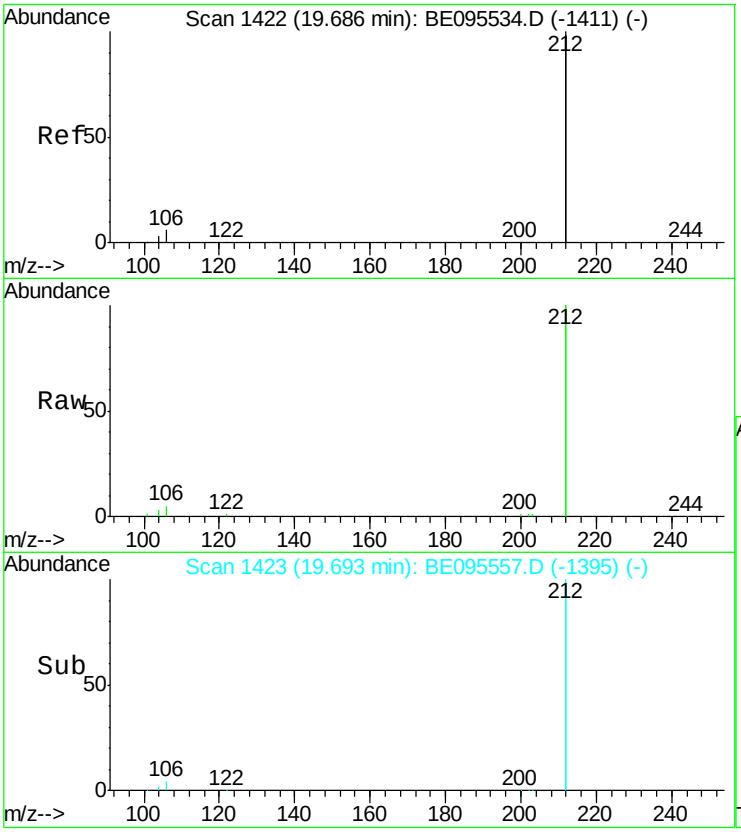


#24
Anthracene
Concen: 0.081 ng
RT: 17.85 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:178 Resp: 1732

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	16.3	13.0	19.6



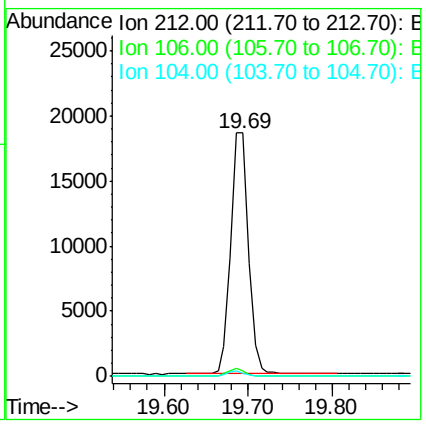


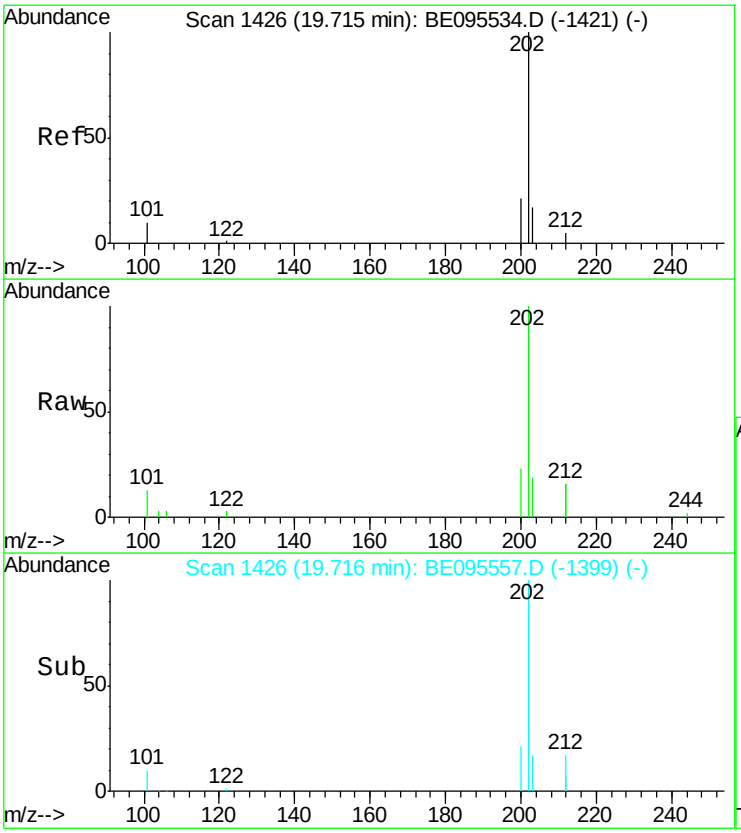
#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 26702

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

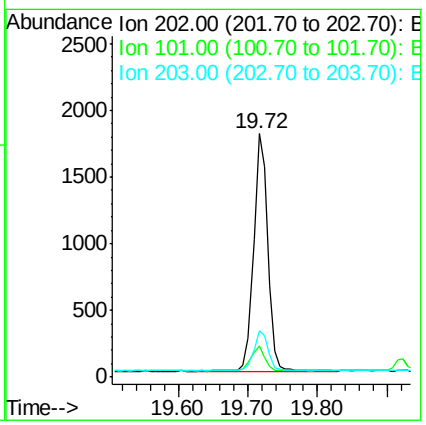


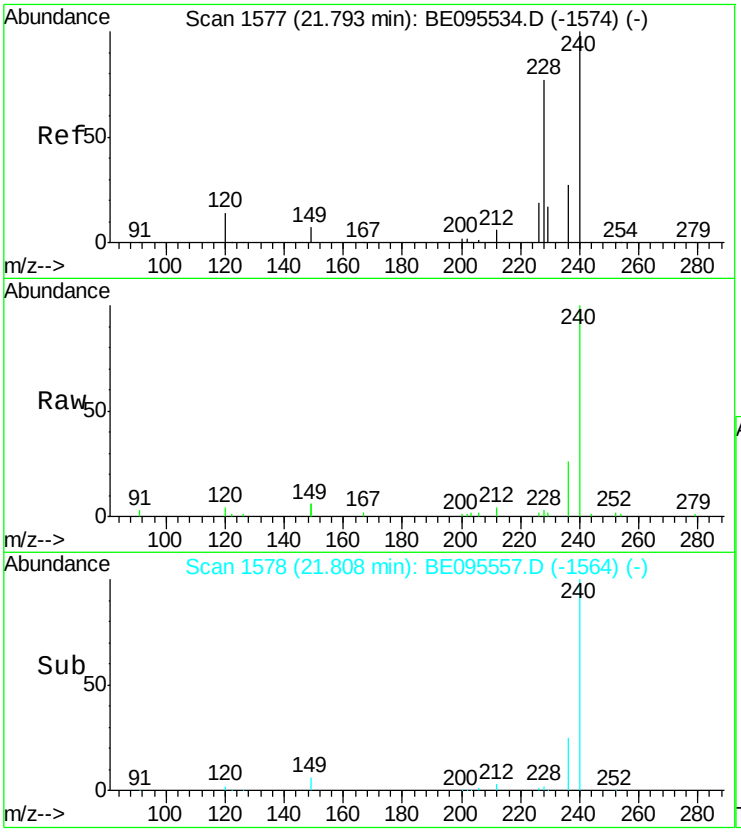


#26
Fluoranthene
Concen: 0.085 ng
RT: 19.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:202 Resp: 2448

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	16.9	13.7	20.5



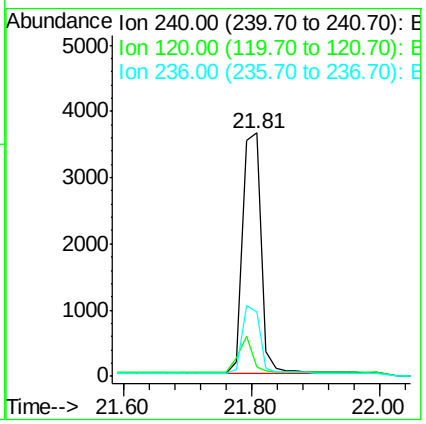


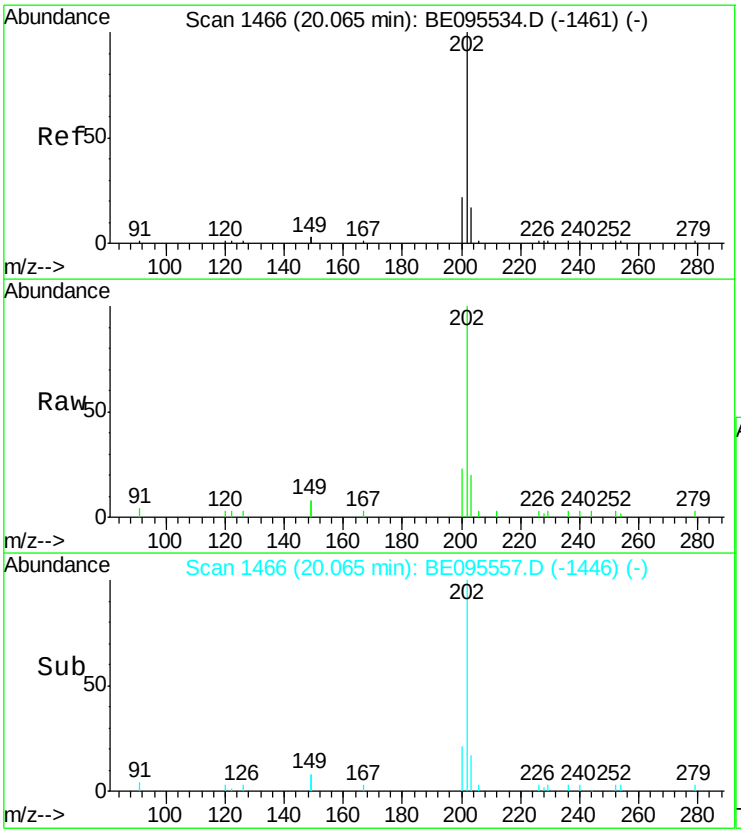
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.81 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7348

Ion	Ratio	Lower	Upper
240	100		
120	3.9	5.5	8.3#
236	26.4	20.7	31.1

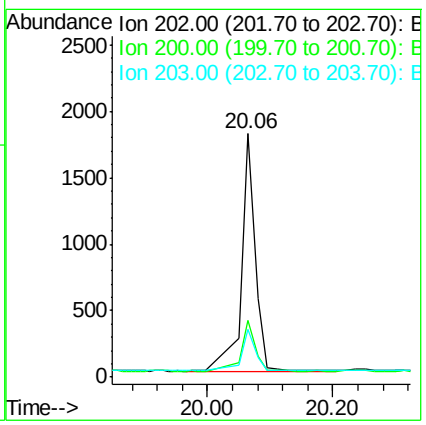


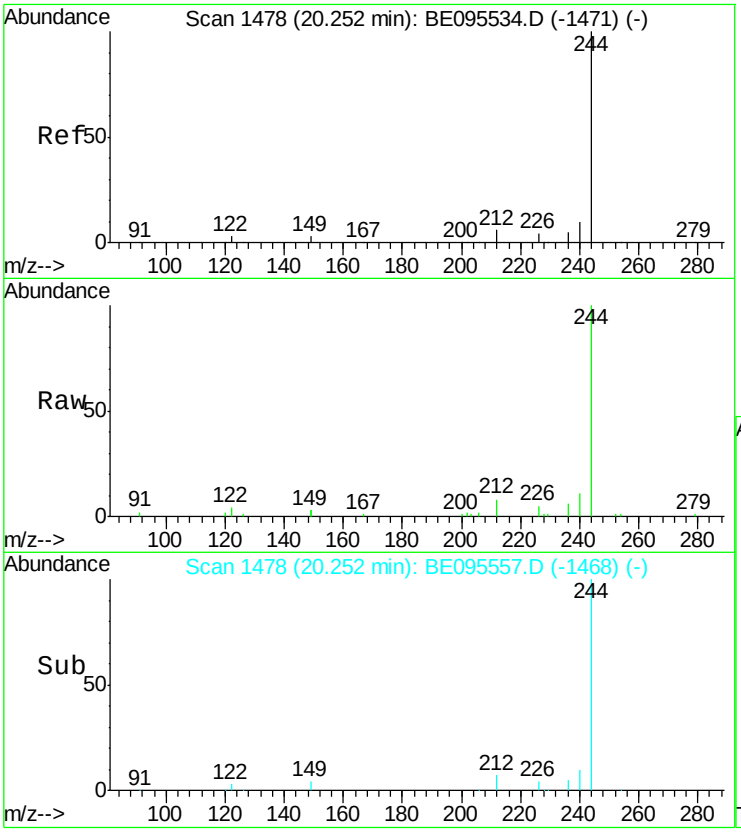


#28
Pyrene
Concen: 0.082 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:202 Resp: 2519

Ion	Ratio	Lower	Upper
202	100		
200	25.7	16.6	25.0#
203	17.7	13.8	20.8



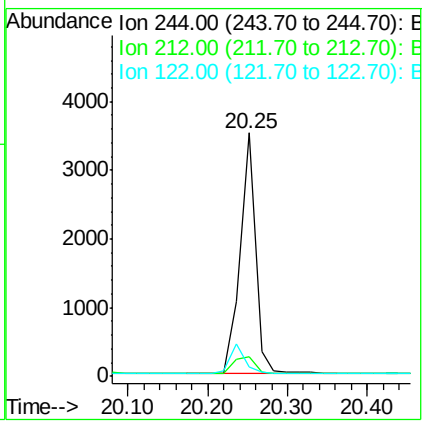


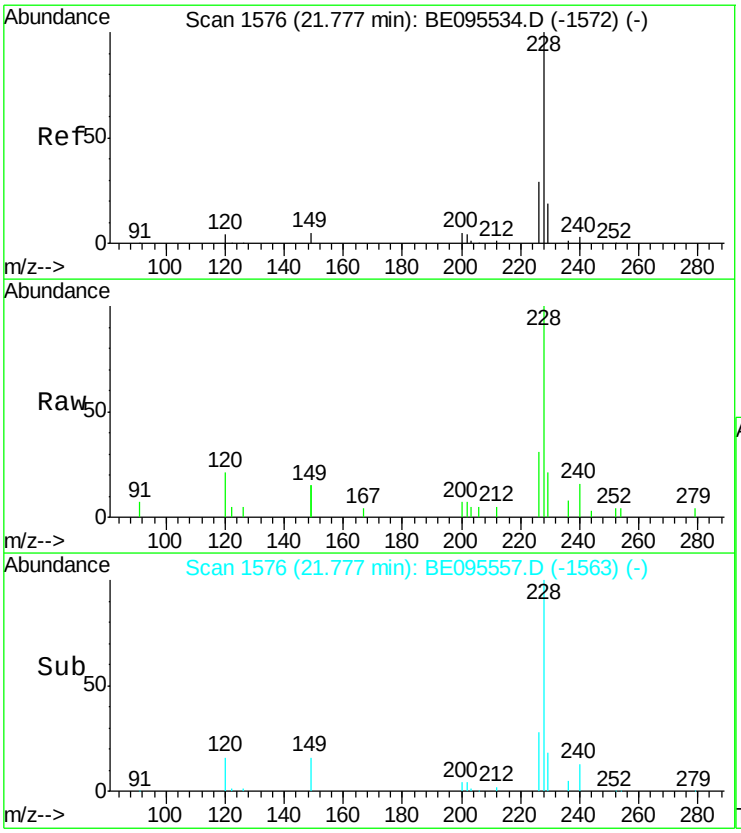
#29
Terphenyl-d14
Concen: 0.297 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4644

Ion	Ratio	Lower	Upper
244	100		
212	8.0	25.4	38.0#
122	3.9	8.1	12.1#

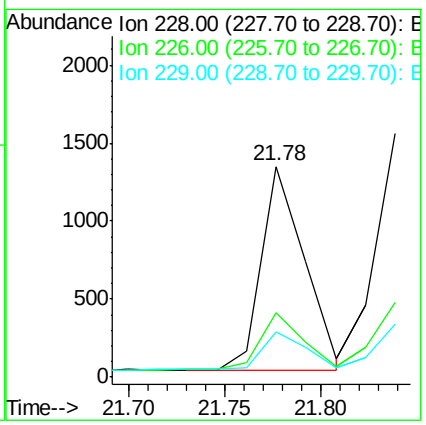


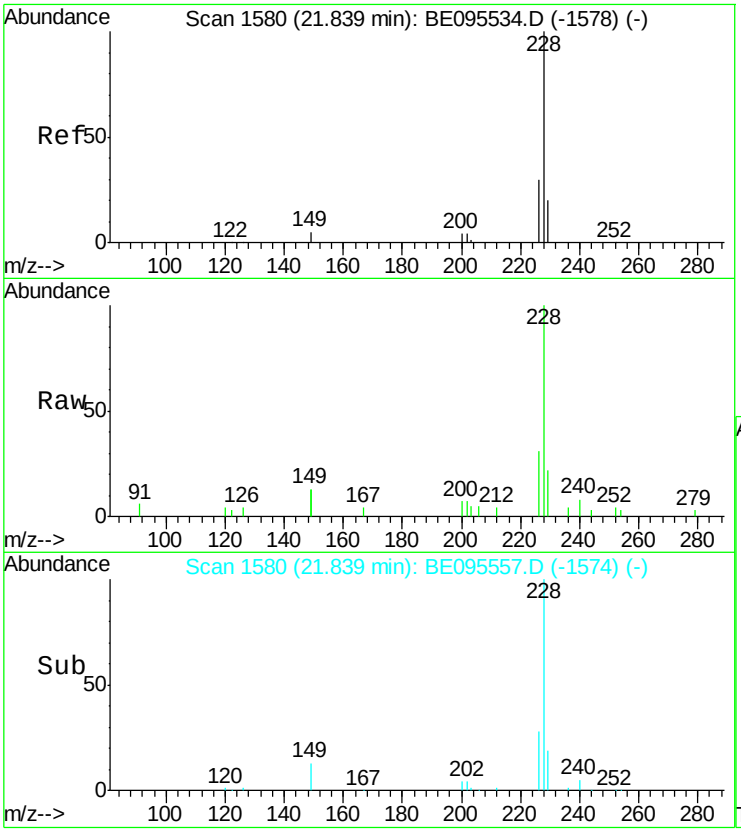


#30
Benzo(a)anthracene
Concen: 0.084 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:228 Resp: 2049

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.2	16.0	24.0



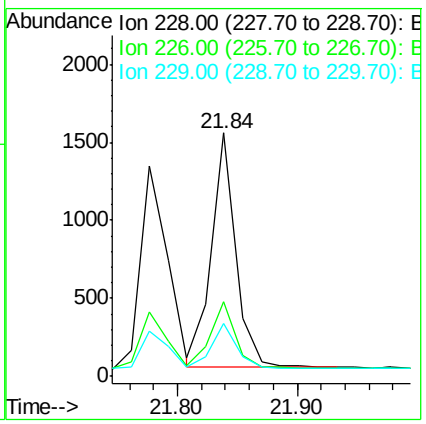


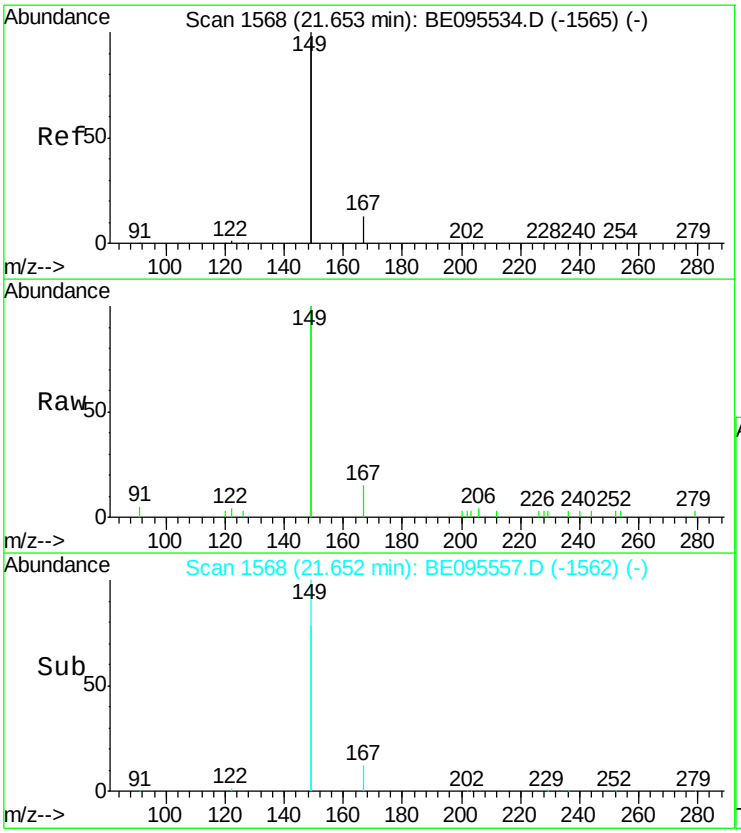
#31
Chrysene
Concen: 0.088 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2133

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.7	16.0	24.0

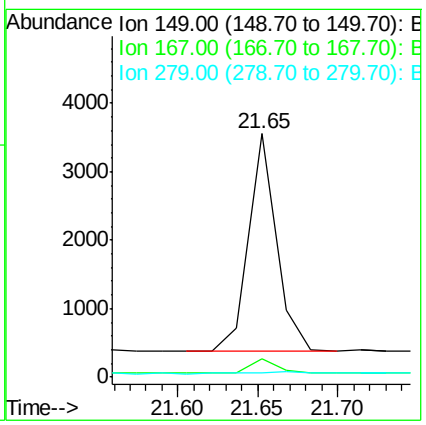


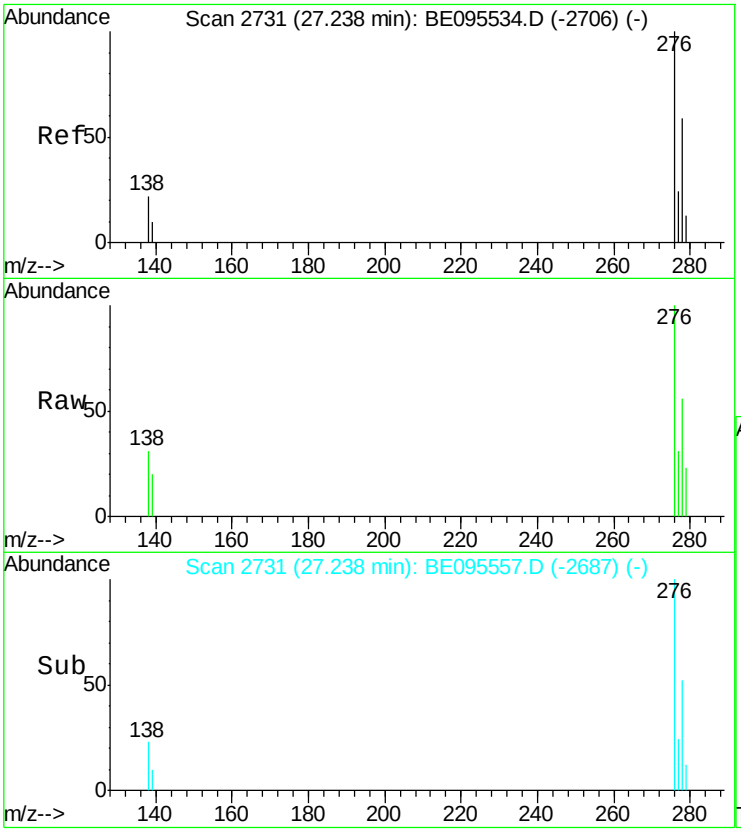


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:149 Resp: 3857

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.3	0.7	1.1#



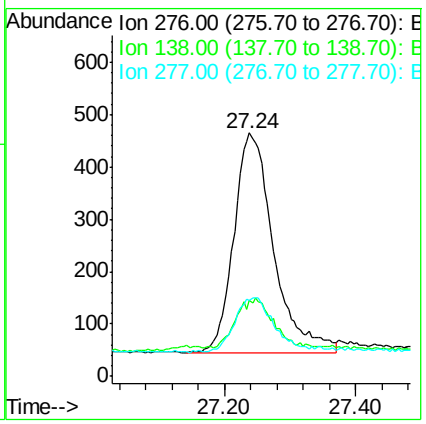


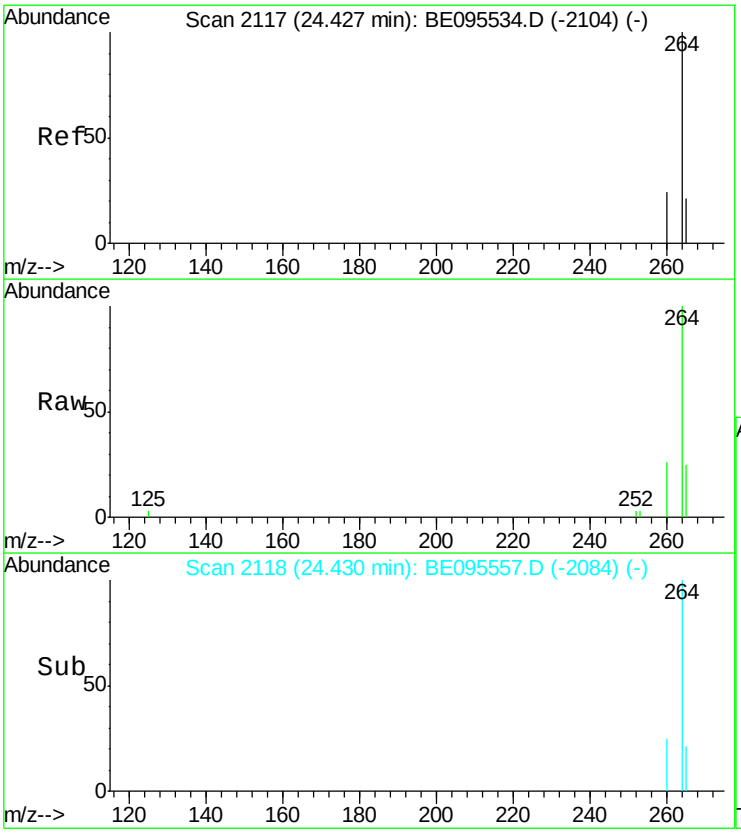
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1769

Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.5	33.7#
277	23.9	19.9	29.9

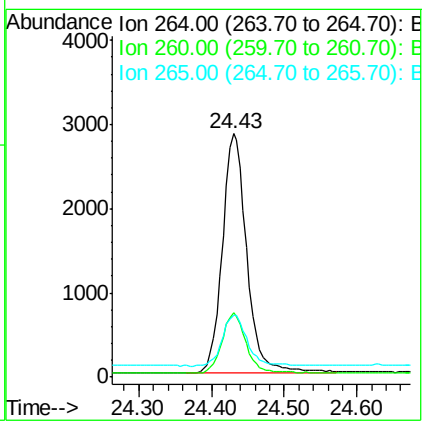


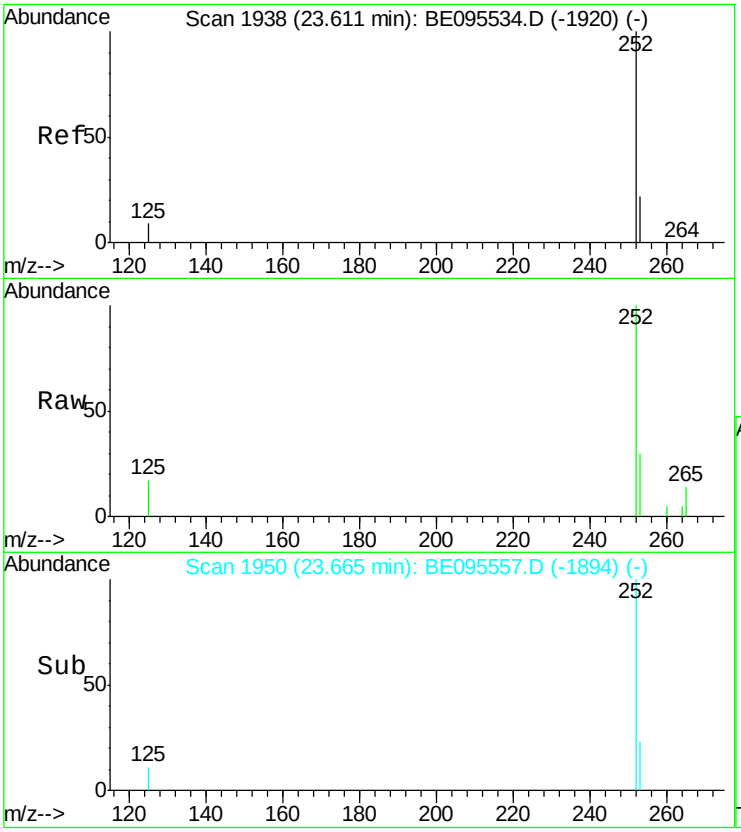


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:264 Resp: 6672

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	25.3	22.8	34.2



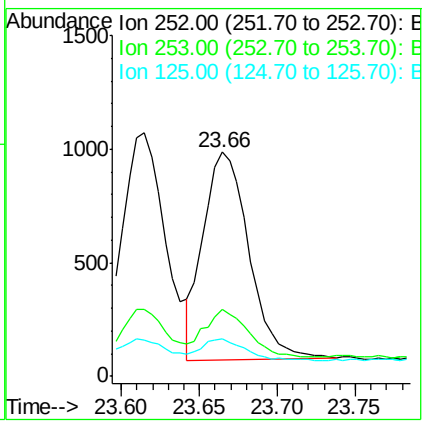


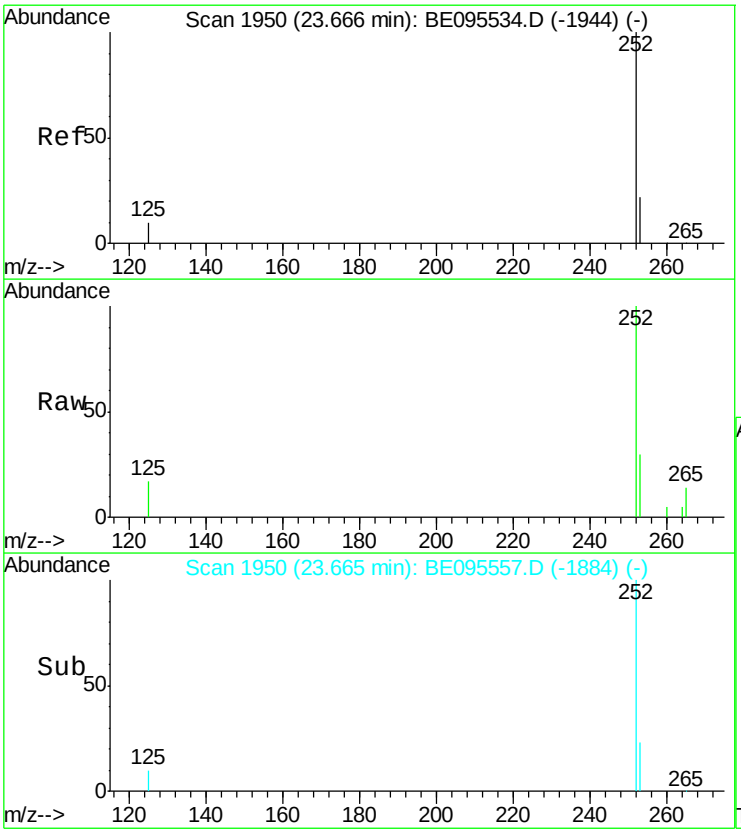
#35
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 23.66 min Scan# 1950
Delta R.T. 0.05 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1857

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.0	30.0
125	16.7	16.0	24.0

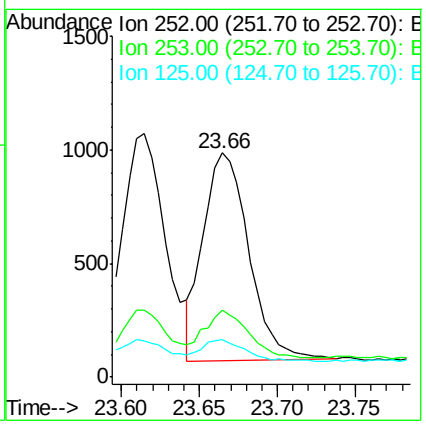


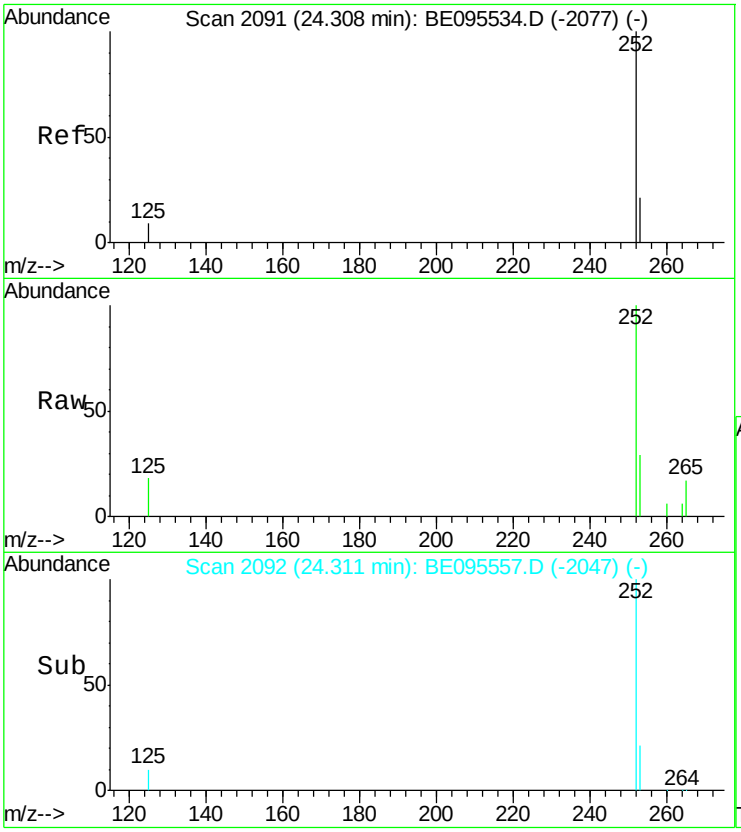


#36
Benzo(k)fluoranthene
Concen: 0.079 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:252 Resp: 1857

Ion	Ratio	Lower	Upper
252	100		
253	29.8	16.0	24.0#
125	16.7	8.0	12.0#



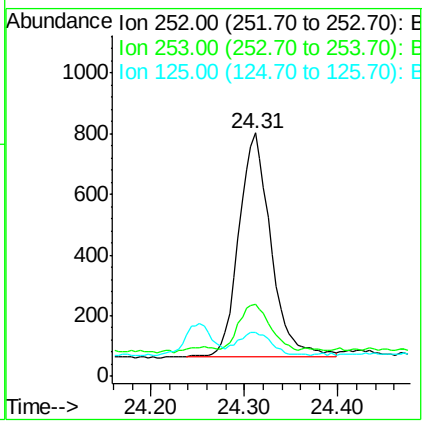


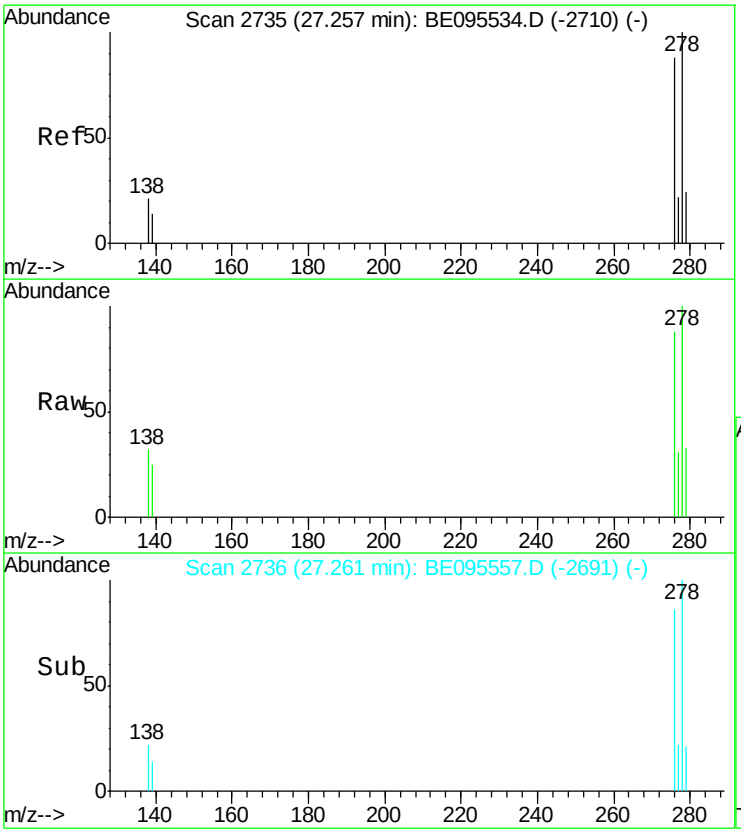
#37
Benzo(a)pyrene
Concen: 0.083 ng
RT: 24.31 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1758

Ion	Ratio	Lower	Upper
252	100		
253	29.4	16.0	24.0#
125	18.3	12.0	18.0#

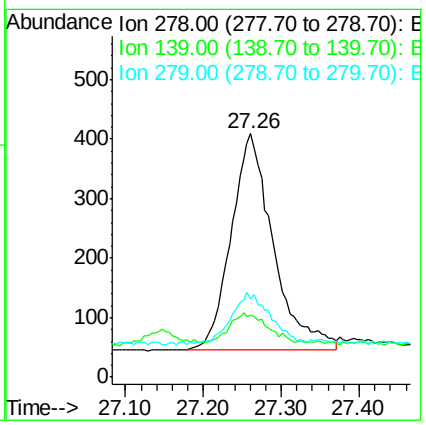


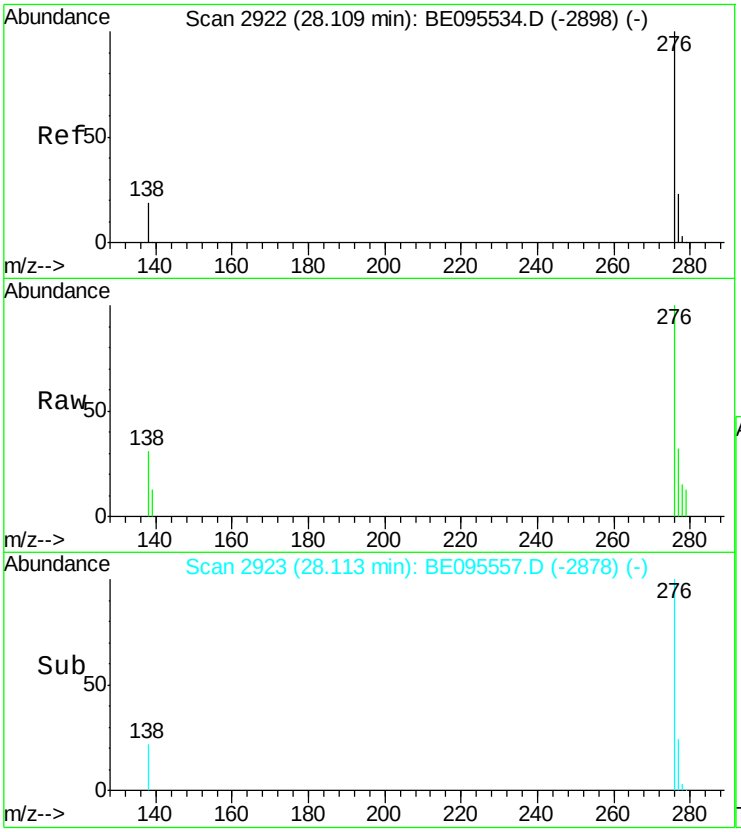


#38
Dibenzo(a,h)anthracene
Concen: 0.073 ng
RT: 27.26 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion:278 Resp: 1361

Ion	Ratio	Lower	Upper
278	100		
139	25.4	16.0	24.0#
279	32.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.079 ng
RT: 28.11 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1578

Ion	Ratio	Lower	Upper
276	100		
277	31.9	16.0	24.0#
138	31.0	20.0	30.0#