Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095551.D
Acq On : 7 Feb 2018 13:30
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 0.1ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 08 01:14:48 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

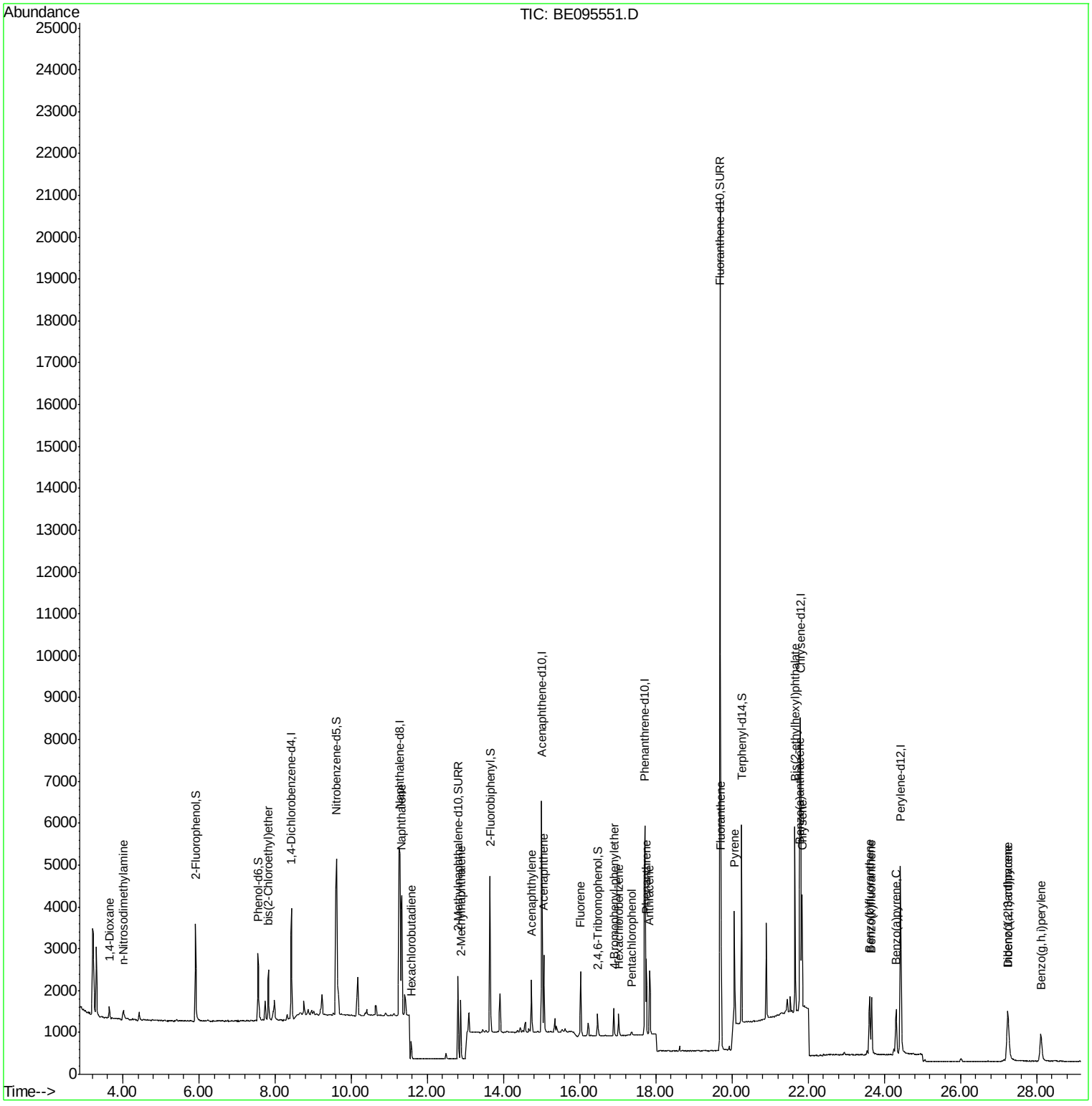
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1373	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5521	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3178	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7562	0.40	ng		0.00
27) Chrysene-d12	21.79	240	7754	0.40	ng		0.00
34) Perylene-d12	24.43	264	7169	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1209	0.29	ng		0.00
5) Phenol-d6	7.56	99	1600	0.28	ng		0.00
8) Nitrobenzene-d5	9.61	82	1649	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2590	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	319	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4067	0.30	ng		0.00
25) Fluoranthene-d10	19.69	212	27819	0.28	ng		0.00
29) Terphenyl-d14	20.25	244	4812	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	266	0.117	ng		90
3) n-Nitrosodimethylamine	4.01	42	210	0.073	ng	#	83
6) bis(2-Chloroethyl)ether	7.83	93	459	0.087	ng		93
9) Naphthalene	11.33	128	5547	0.087	ng	#	97
10) Hexachlorobutadiene	11.58	225	279	0.081	ng		95
12) 2-Methylnaphthalene	12.88	142	932	0.086	ng		93
16) Acenaphthylene	14.74	152	1488	0.082	ng		98
17) Acenaphthene	15.06	154	965	0.086	ng		94
18) Fluorene	16.02	166	1238	0.087	ng	#	79
20) 4-Bromophenyl-phenylether	16.91	248	384	0.084	ng	#	68
21) Hexachlorobenzene	17.03	284	415	0.088	ng	#	88
22) Pentachlorophenol	17.37	266	69	0.198	ng		92
23) Phenanthrene	17.74	178	2102	0.091	ng		99
24) Anthracene	17.83	178	1760	0.081	ng	#	94
26) Fluoranthene	19.71	202	2529	0.086	ng		98
28) Pyrene	20.06	202	2747	0.084	ng		98
30) Benzo(a)anthracene	21.78	228	2264	0.088	ng		99
31) Chrysene	21.84	228	2282	0.090	ng		95
32) Bis(2-ethylhexyl)phthalate	21.65	149	5021	0.084	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1998	0.081	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	2081	0.085	ng		92
36) Benzo(k)fluoranthene	23.67	252	2071	0.082	ng	#	84
37) Benzo(a)pyrene	24.31	252	1859	0.082	ng	#	85
38) Dibenzo(a,h)anthracene	27.26	278	1583	0.079	ng	#	84
39) Benzo(g,h,i)perylene	28.11	276	1799	0.084	ng	#	82

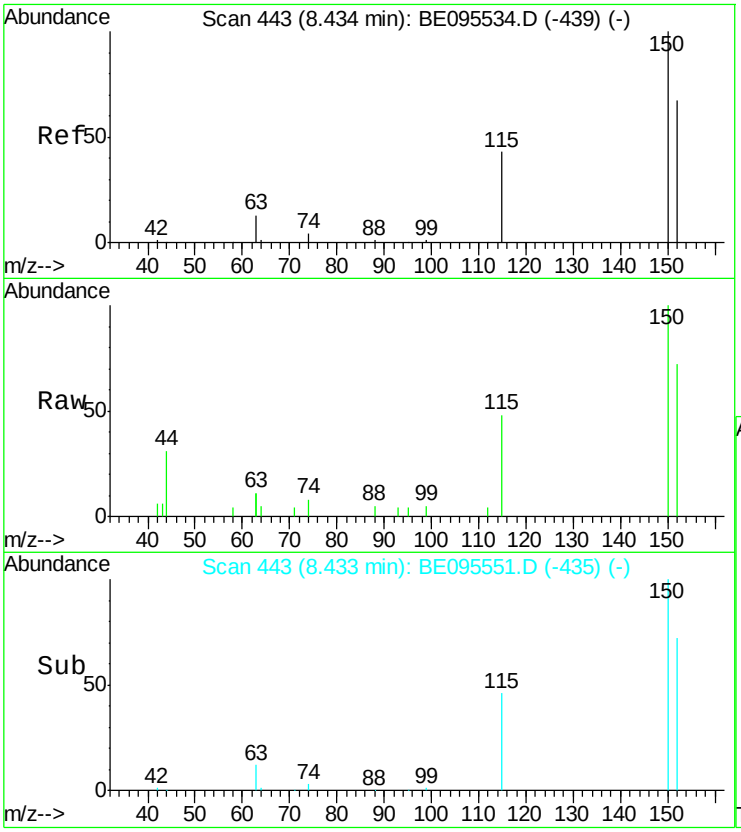
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095551.D
Acq On : 7 Feb 2018 13:30
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 0.1ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 08 01:14:48 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



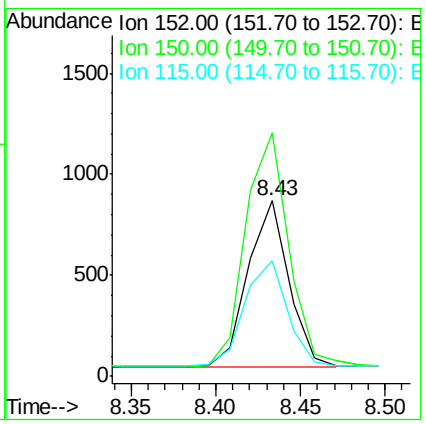


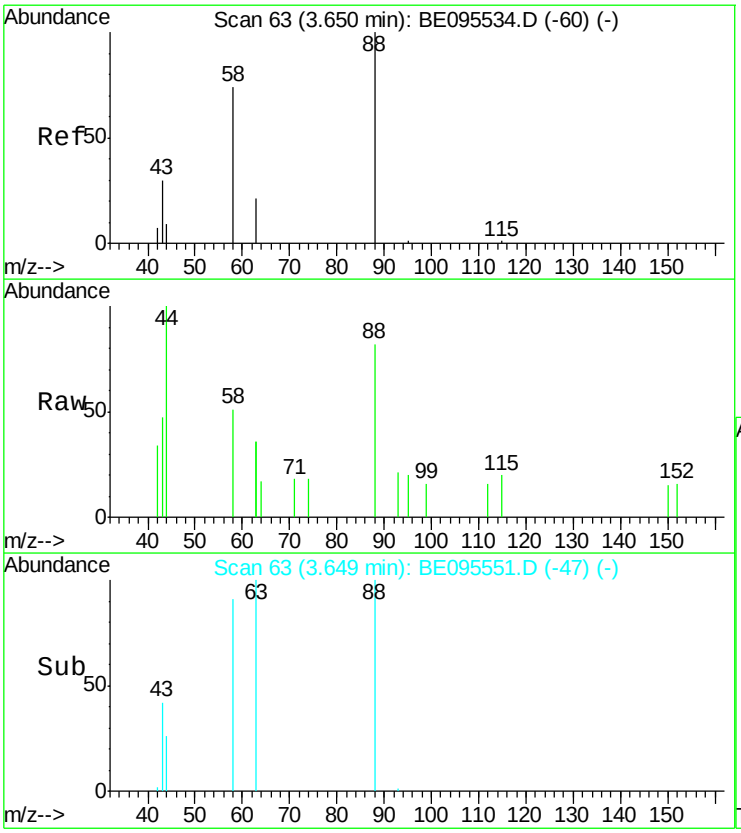
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1373

Ion	Ratio	Lower	Upper
152	100		
150	138.8	117.2	175.8
115	66.2	57.0	85.6

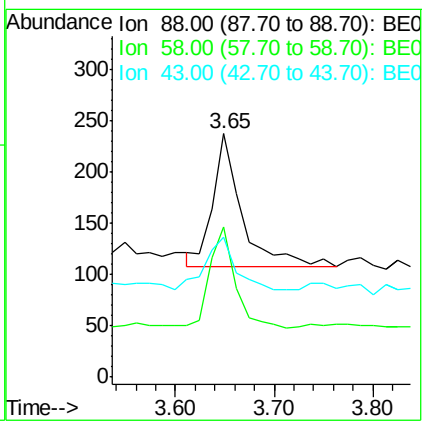


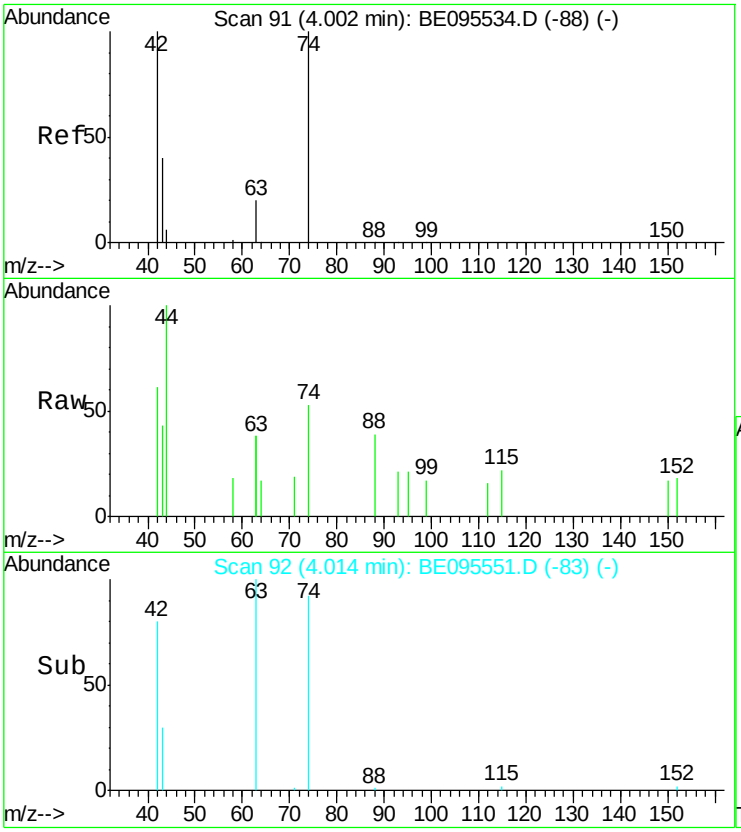


#2
1,4-Dioxane
Concen: 0.117 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion: 88 Resp: 266

Ion	Ratio	Lower	Upper
88	100		
58	68.4	63.2	94.8
43	45.9	41.2	61.8



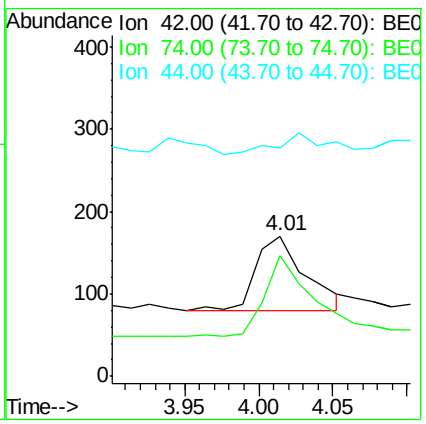


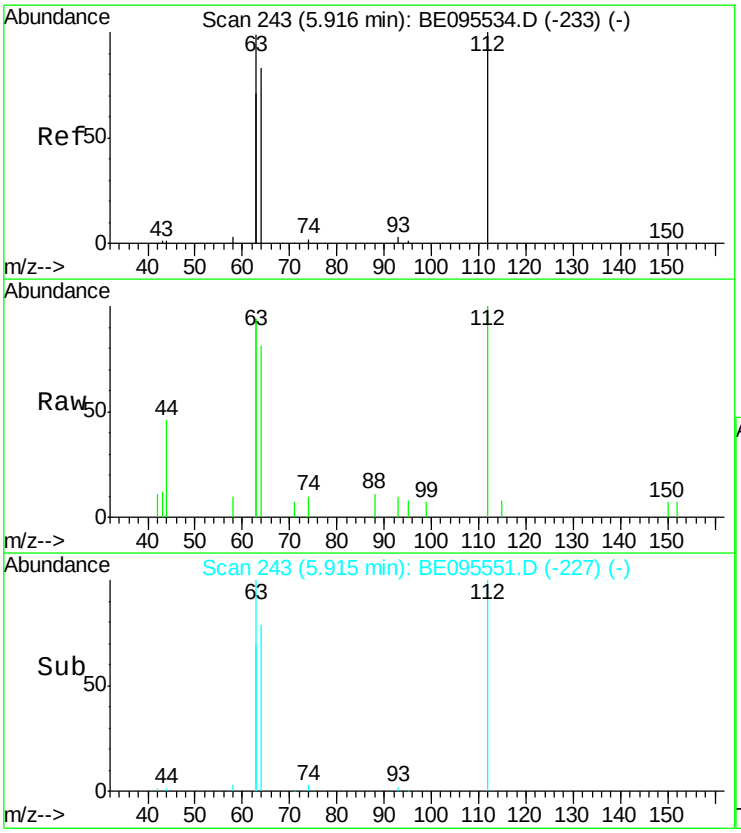
#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 4.01 min Scan# 92
Delta R.T. 0.01 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 210

Ion	Ratio	Lower	Upper
42	100		
74	100.5	96.0	144.0
44	21.4	12.0	18.0#

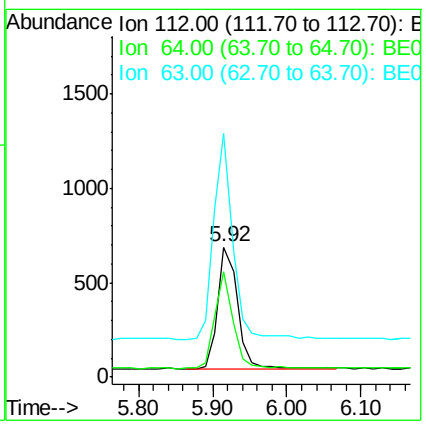


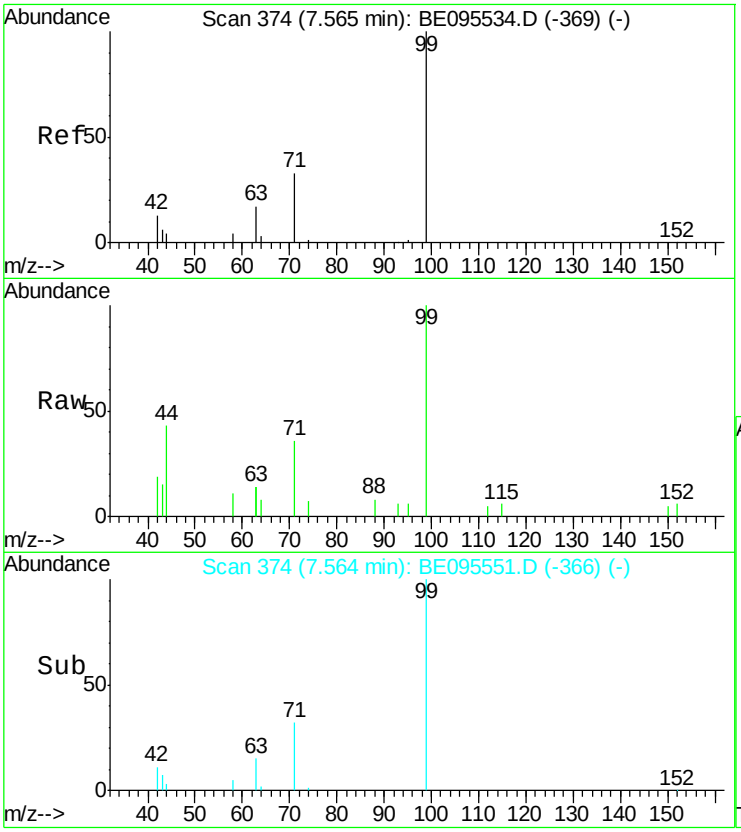


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:112 Resp: 1209

Ion	Ratio	Lower	Upper
112	100		
64	73.6	60.1	90.1
63	164.4	116.8	175.2



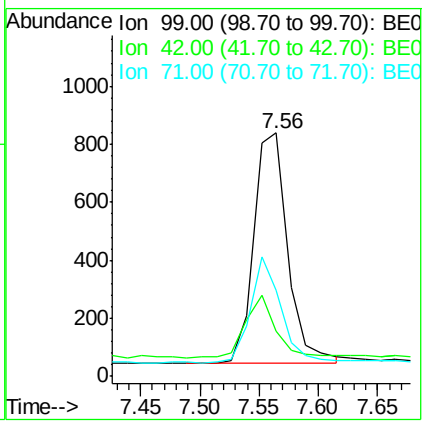


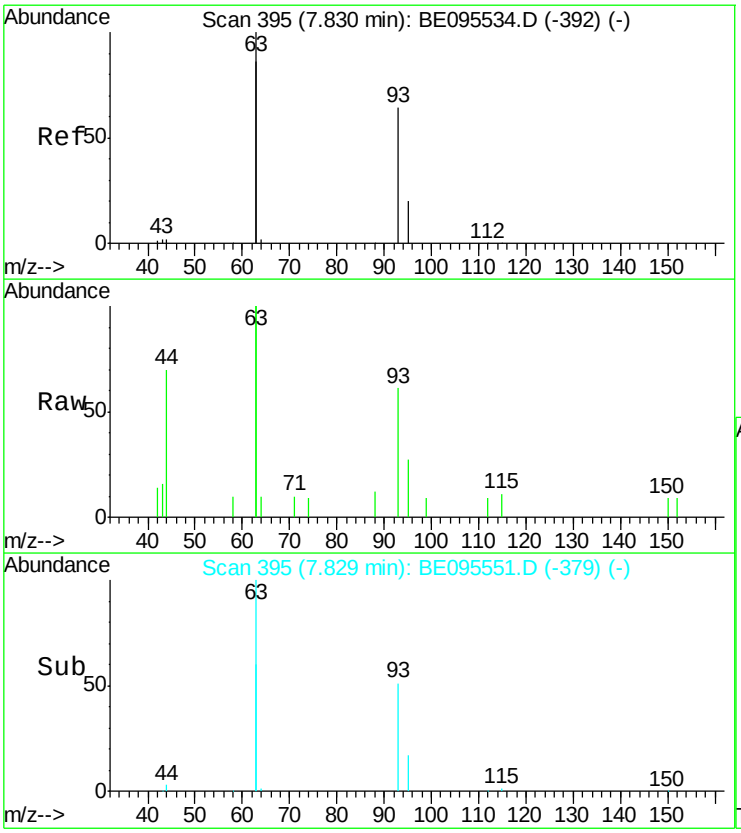
#5
Phenol-d6
Concen: 0.279 ng
RT: 7.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1600

Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.2	30.2
71	41.3	28.4	42.6

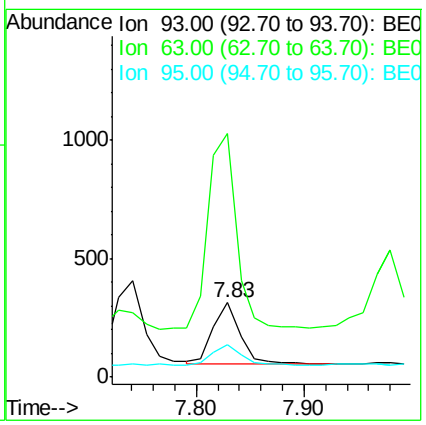


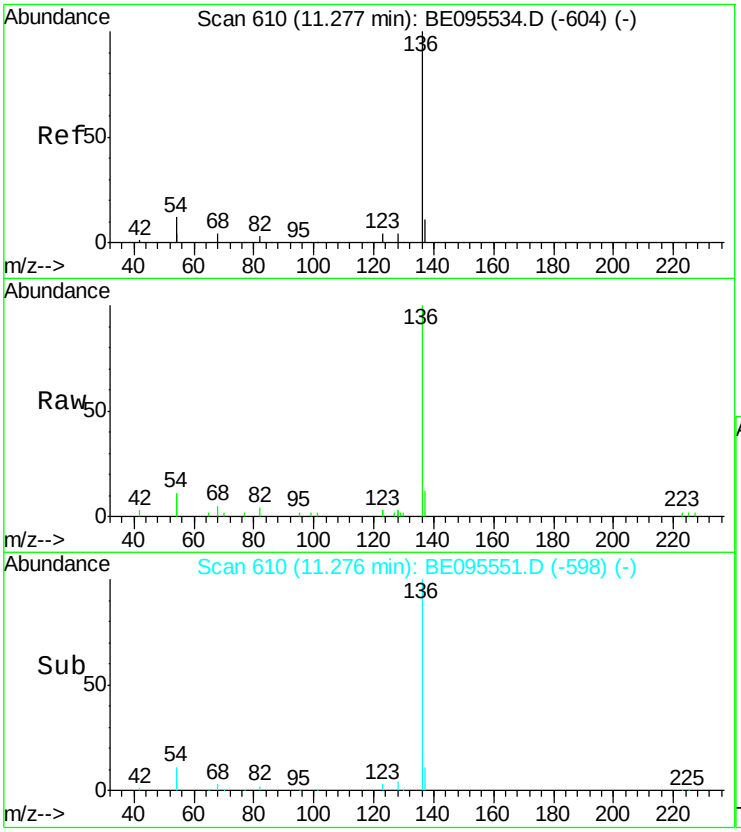


#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion: 93 Resp: 459

Ion	Ratio	Lower	Upper
93	100		
63	329.4	275.3	412.9
95	35.7	25.2	37.8



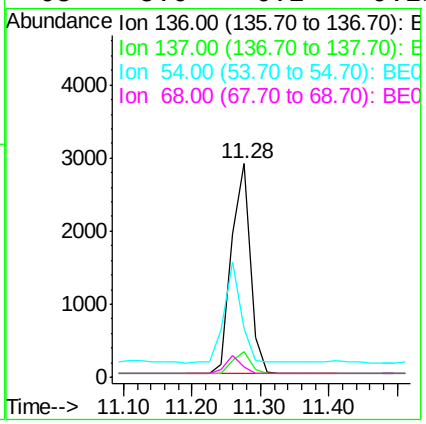


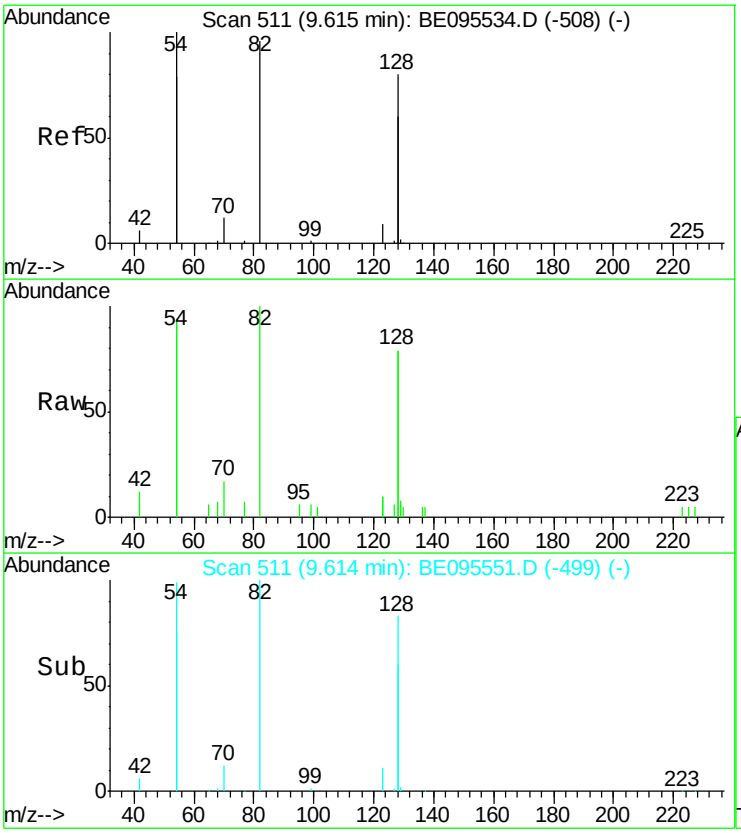
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5521

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	22.6	29.1	43.7#
68	5.0	6.2	9.2#

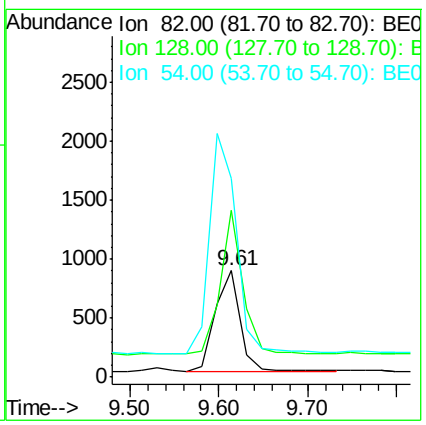


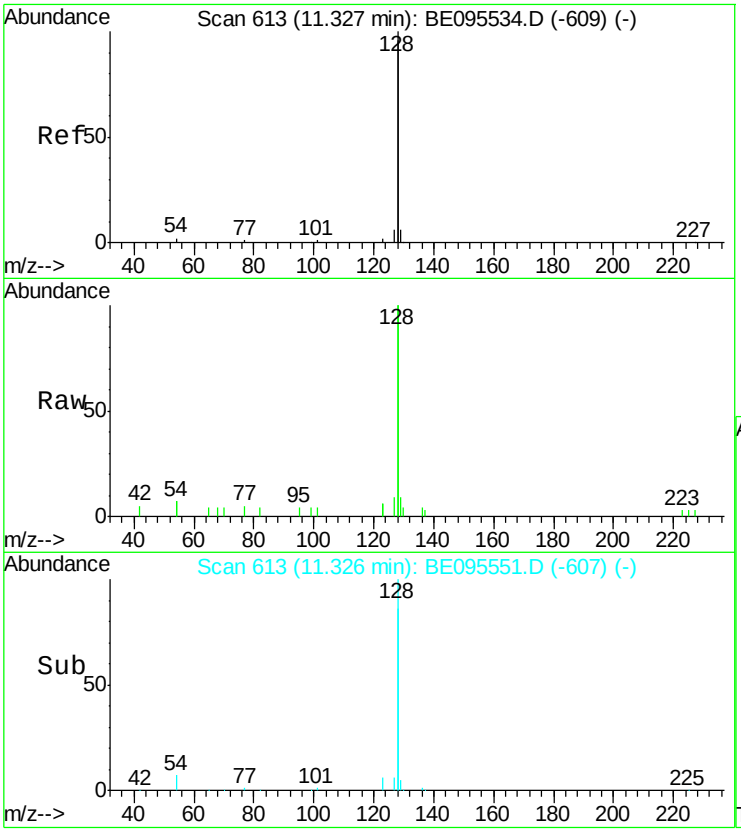


#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion: 82 Resp: 1649

Ion	Ratio	Lower	Upper
82	100		
128	157.3	150.0	225.0
54	187.1	154.2	231.4



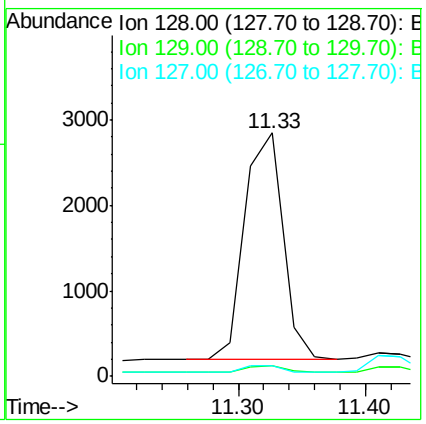


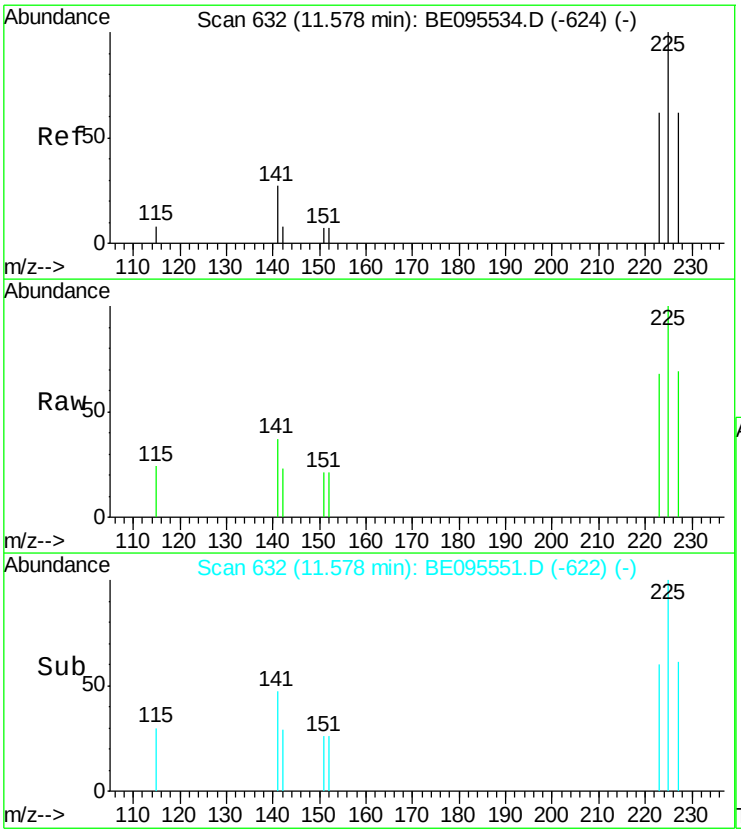
#9
Naphthalene
Concen: 0.087 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5547

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.6	3.8#
127	4.5	2.8	4.2#

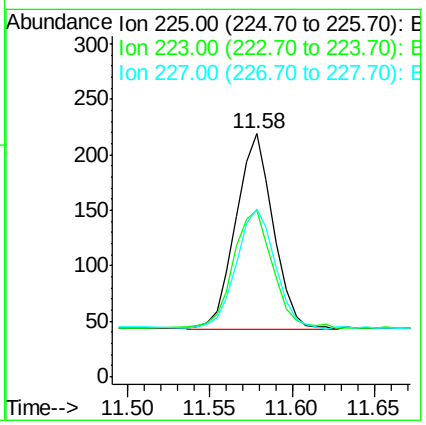


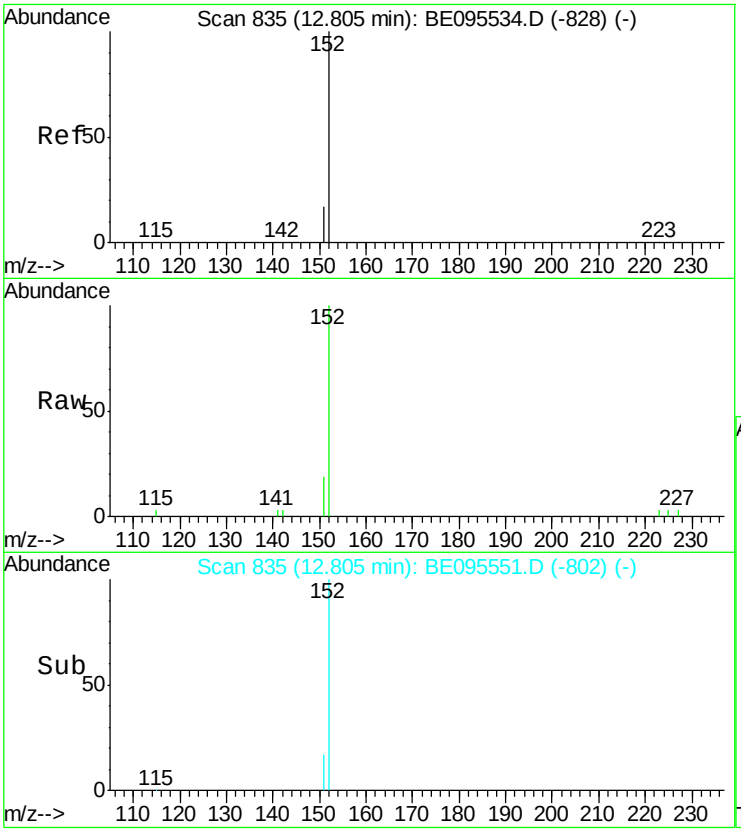


#10
Hexachlorobutadiene
Concen: 0.081 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:225 Resp: 279

Ion	Ratio	Lower	Upper
225	100		
223	74.2	53.0	79.6
227	64.2	51.4	77.2



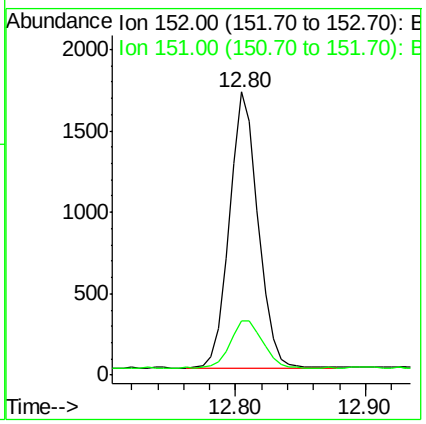


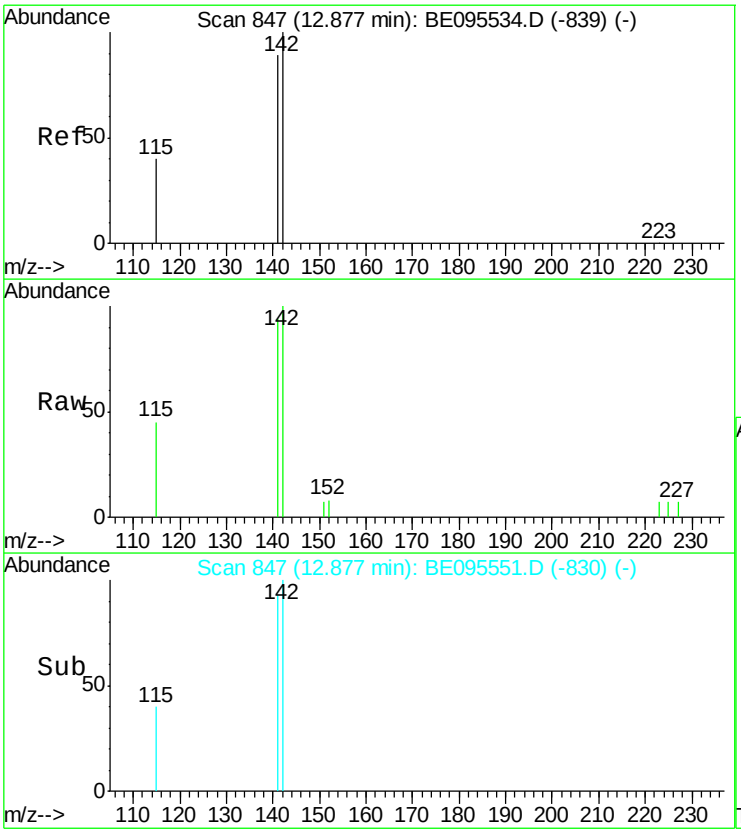
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2590

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

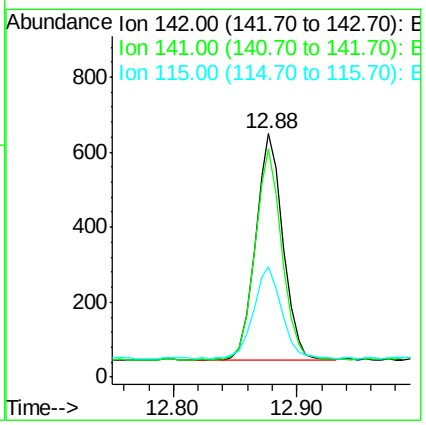


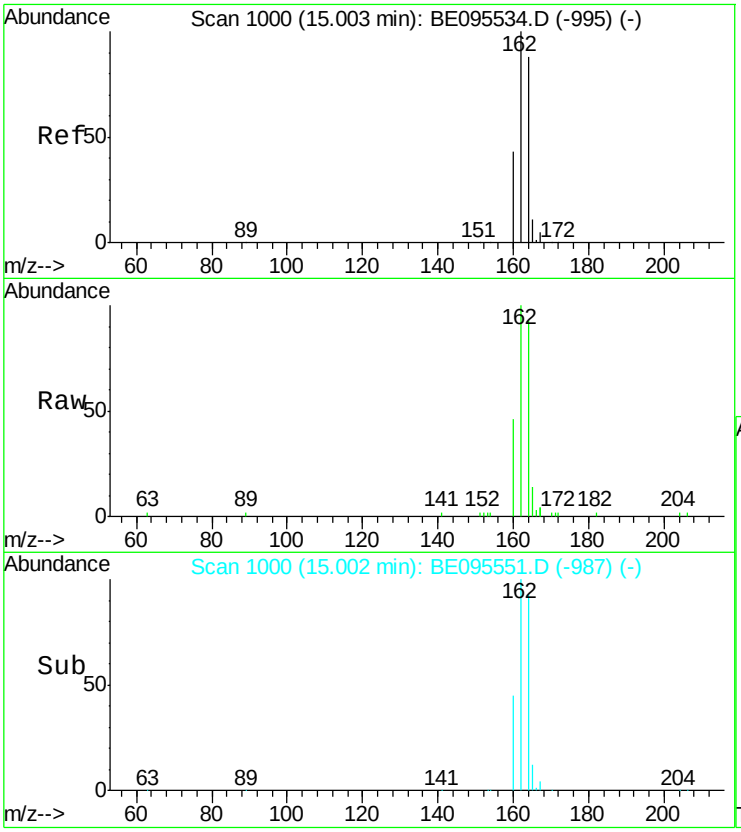


#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:142 Resp: 932

Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.4	105.6
115	45.3	31.7	47.5



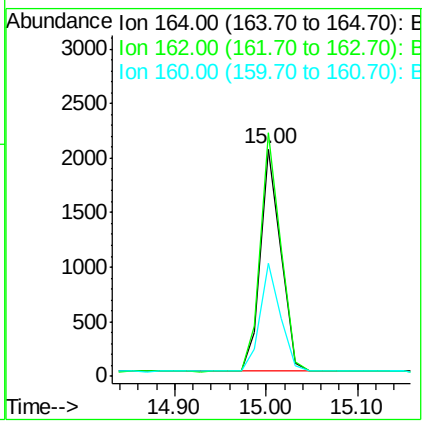


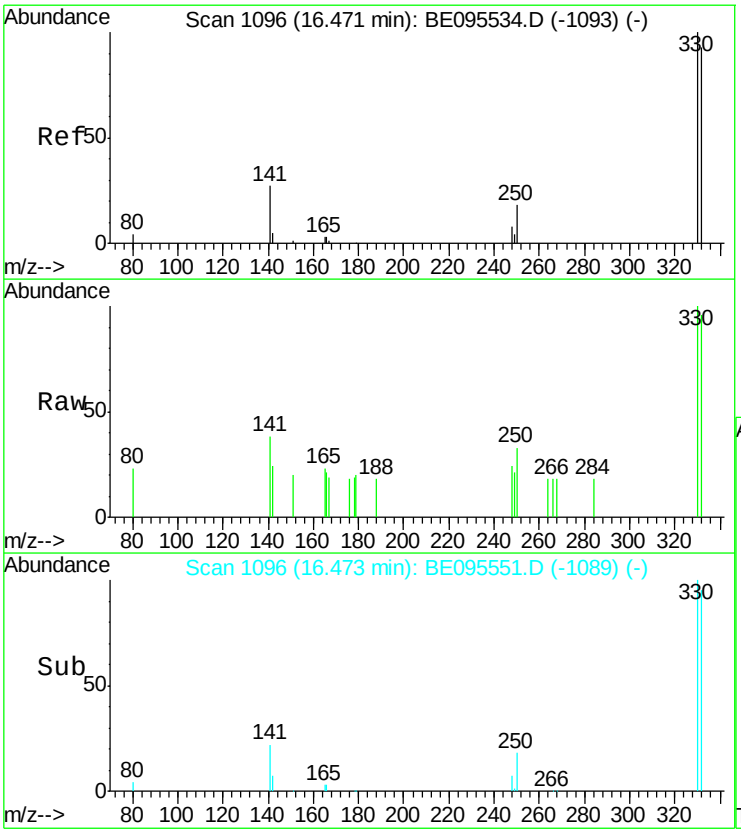
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3178

Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.1	124.7
160	49.8	37.1	55.7

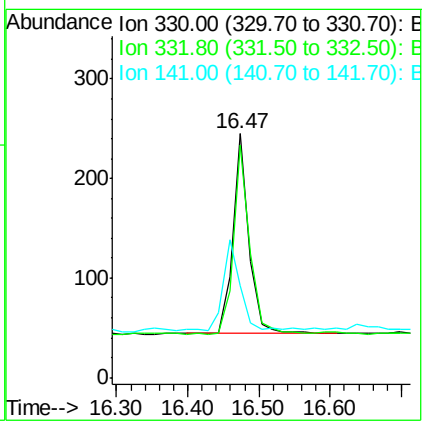


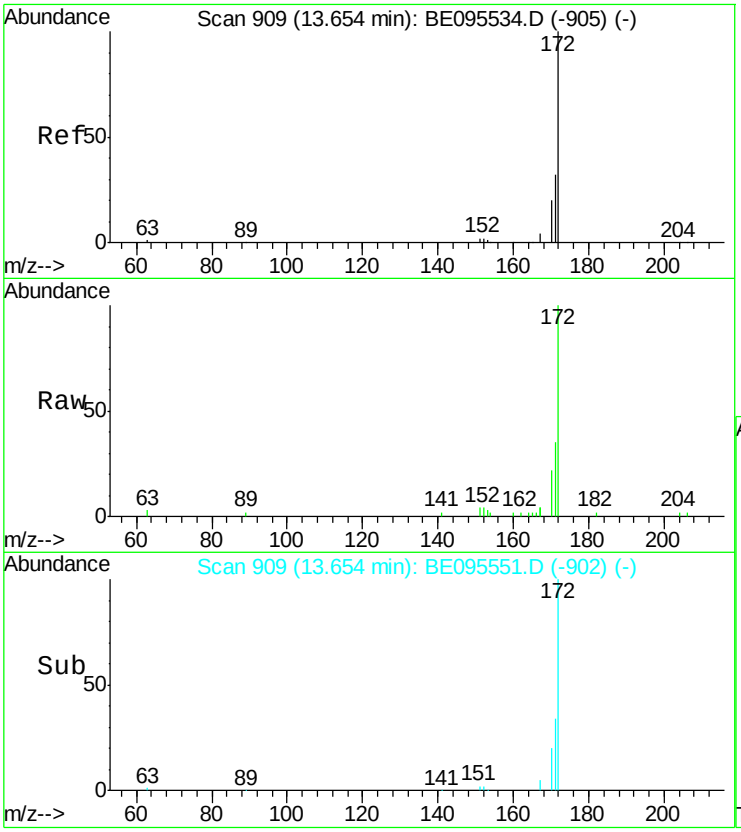


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:330 Resp: 319

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	45.1	33.7	50.5



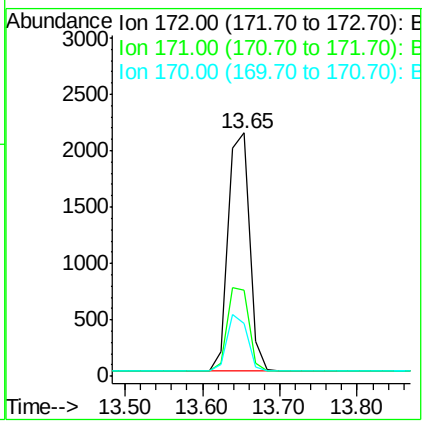


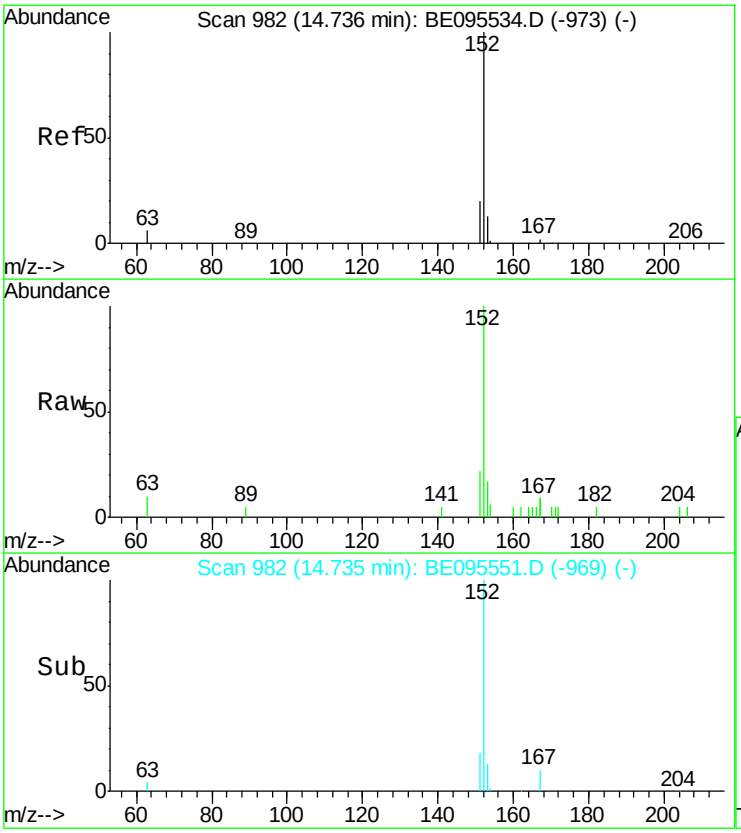
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4067

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	21.5	21.8	32.8#

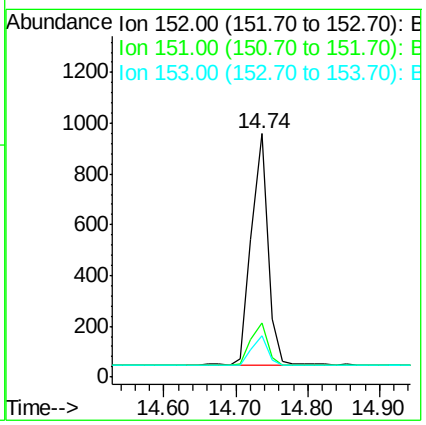


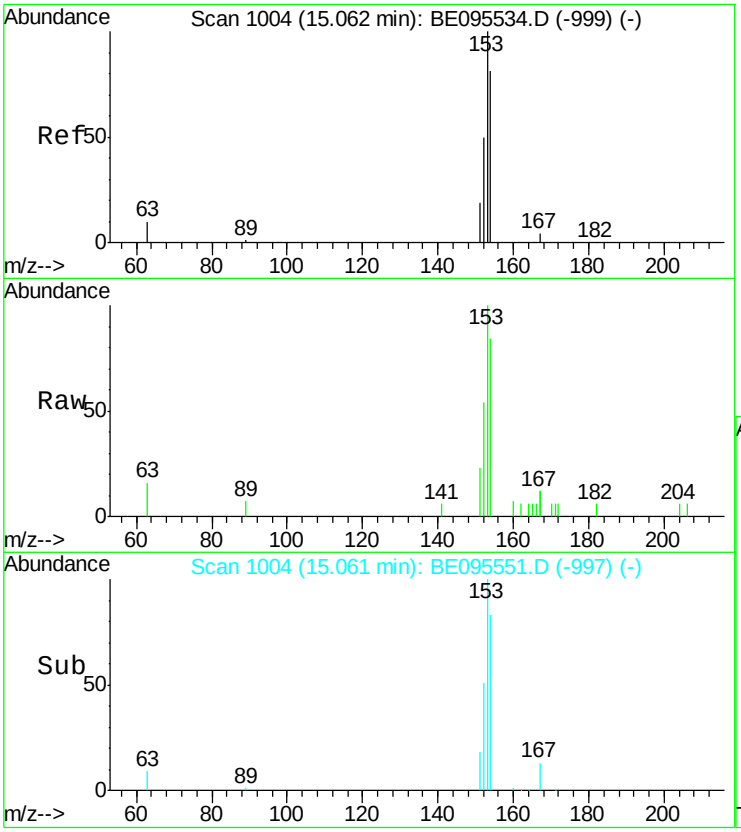


#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:152 Resp: 1488

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.7	23.5
153	12.6	10.5	15.7



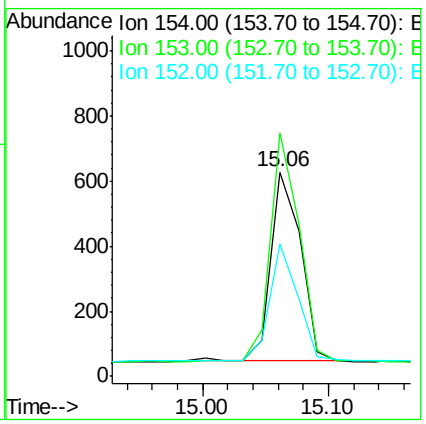


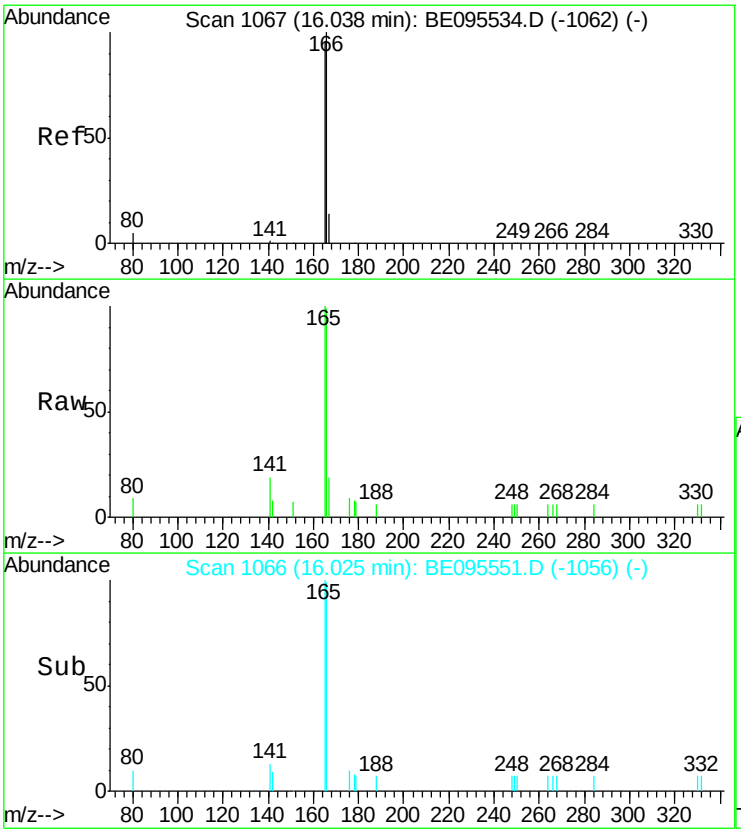
#17
Acenaphthene
Concen: 0.086 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 965

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	57.7	42.0	63.0

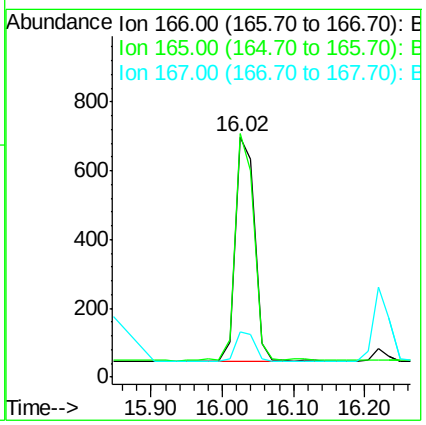


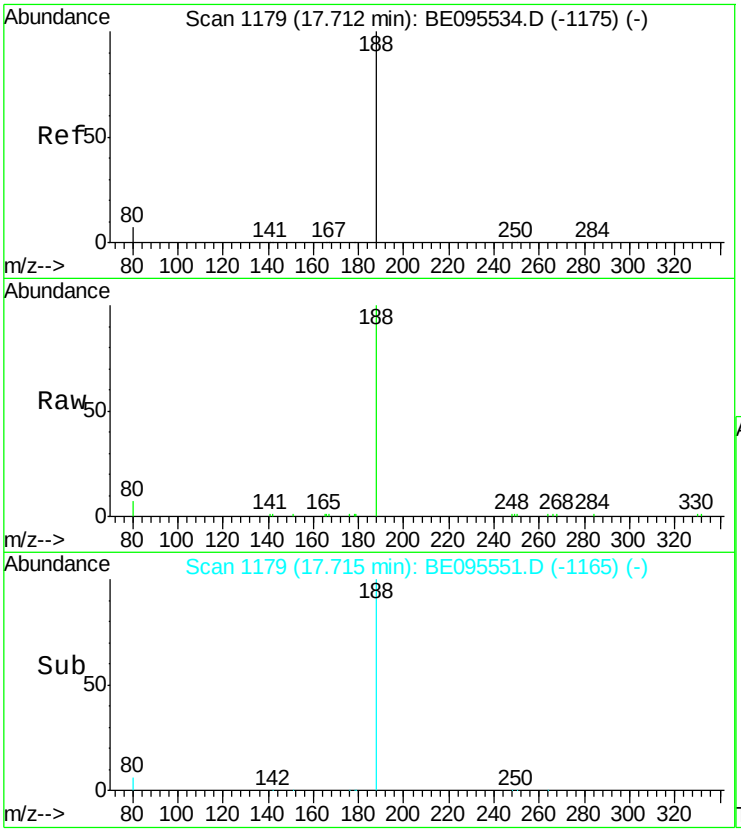


#18
Fluorene
Concen: 0.087 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:166 Resp: 1238

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.6	42.4	63.6#



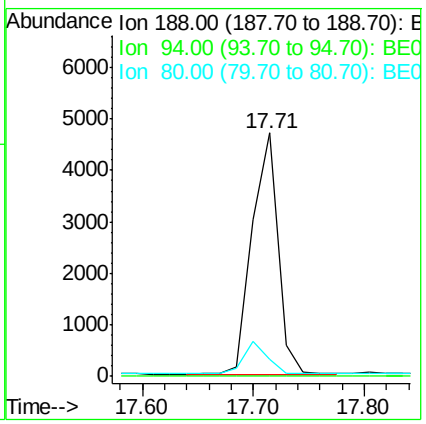


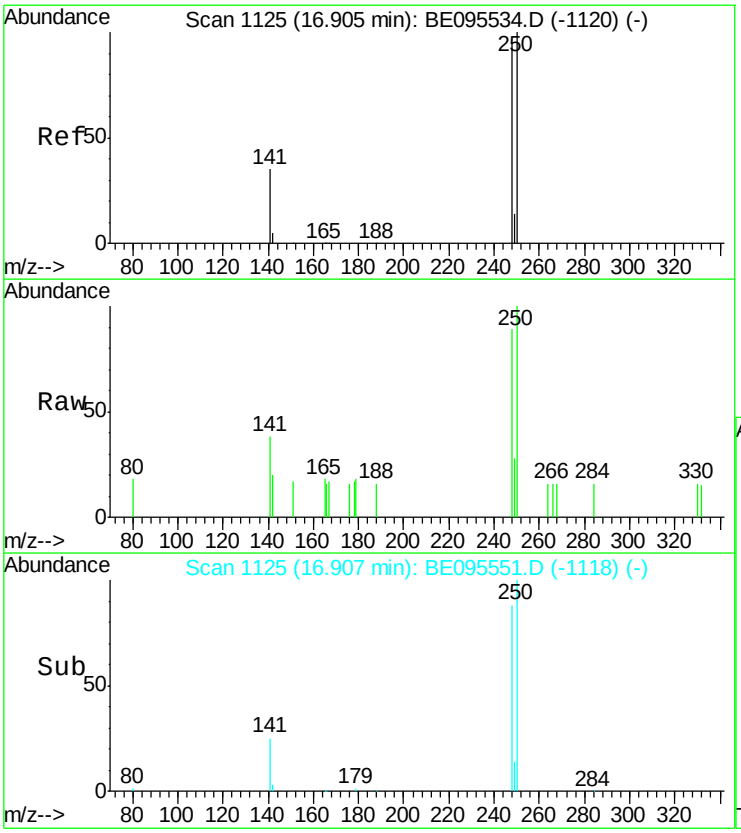
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7562

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.2	3.6	5.4#

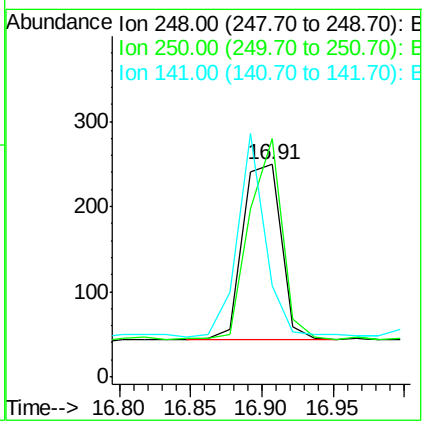


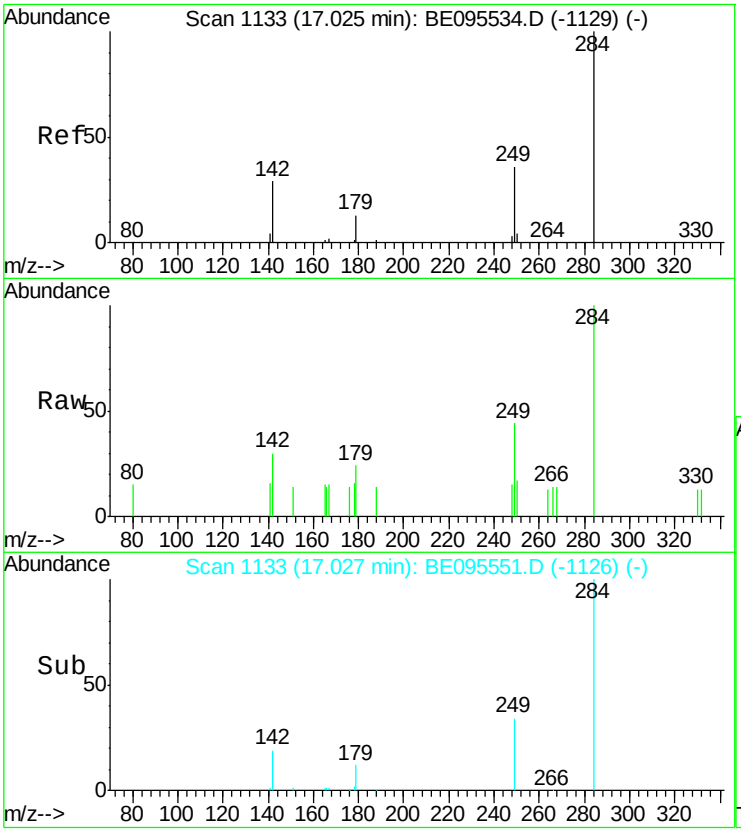


#20
4-Bromophenyl-phenylether
Concen: 0.084 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:248 Resp: 384

Ion	Ratio	Lower	Upper
248	100		
250	112.4	62.7	94.1#
141	43.0	48.2	72.2#



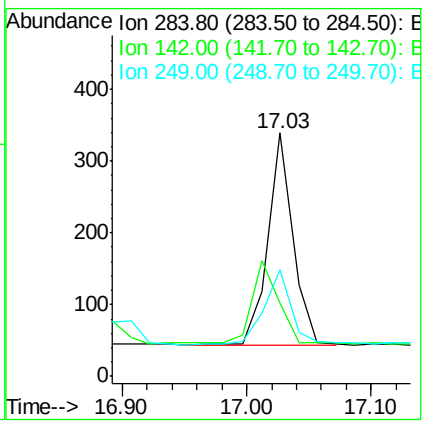


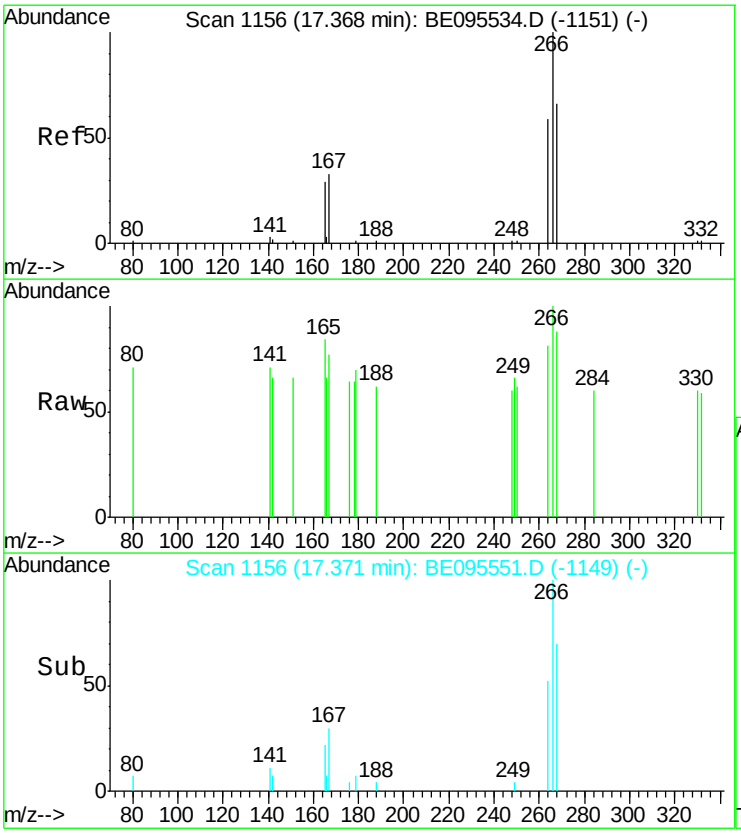
#21
Hexachlorobenzene
Concen: 0.088 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 415

Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.1	33.1#
249	40.0	34.8	52.2

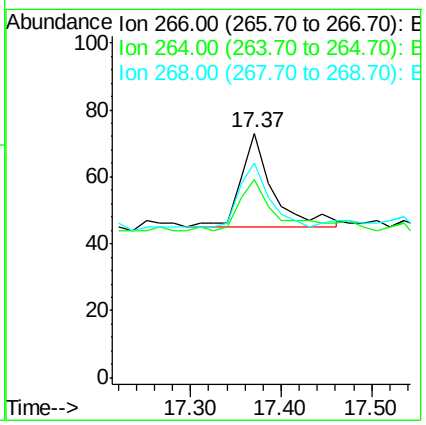


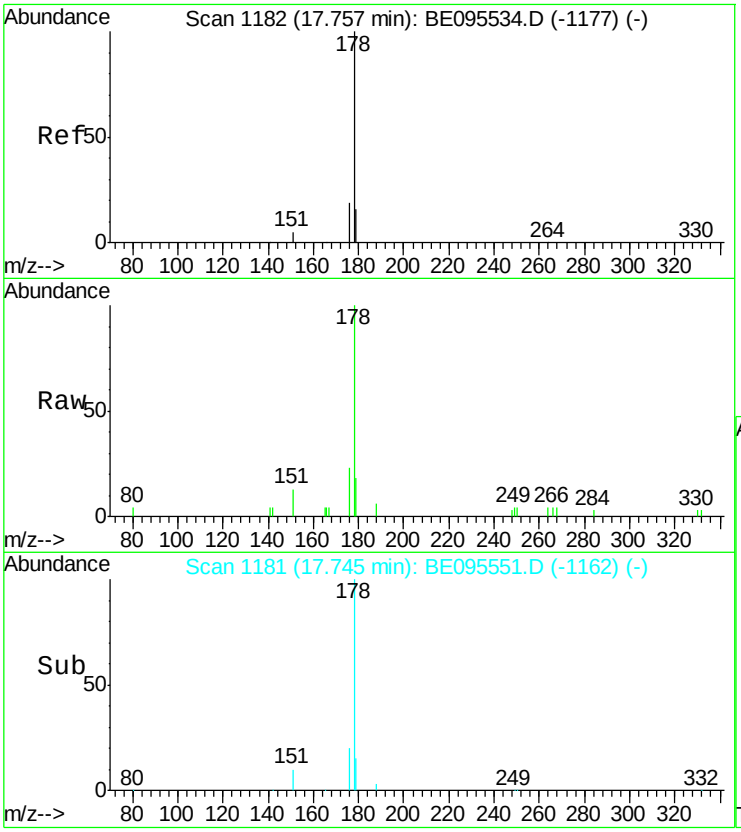


#22
Pentachlorophenol
Concen: 0.198 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	80.8	72.5	108.7
268	87.7	73.8	110.6



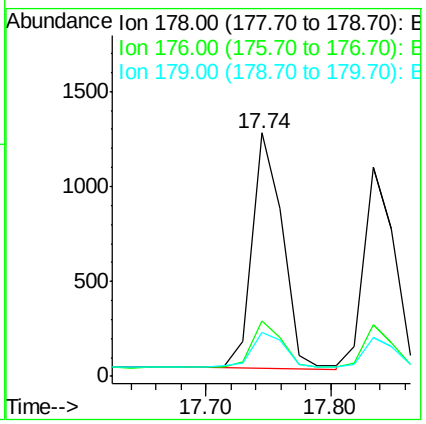


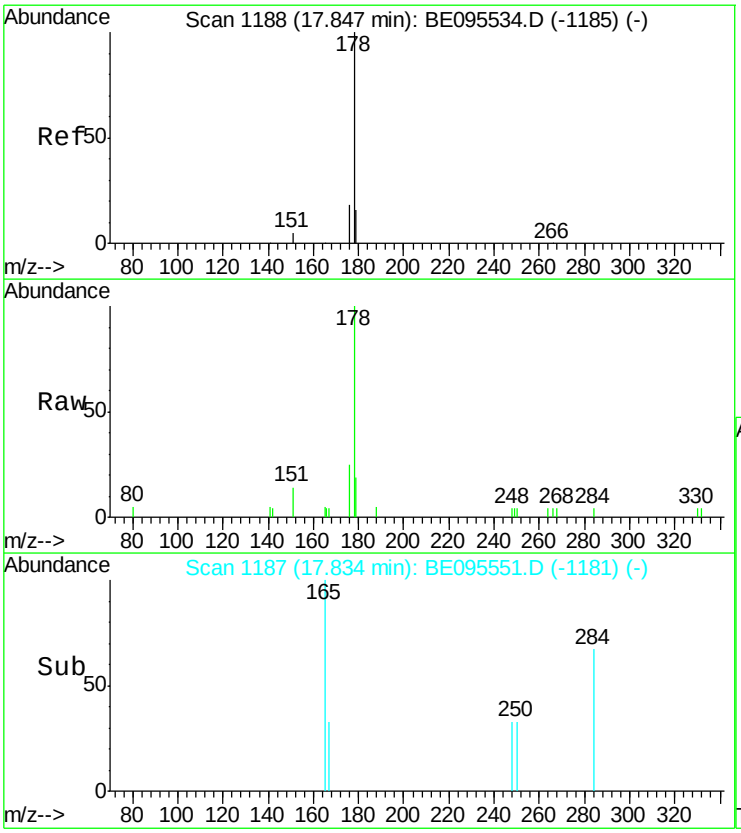
#23
Phenanthrene
Concen: 0.091 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2102

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.2	11.8	17.6

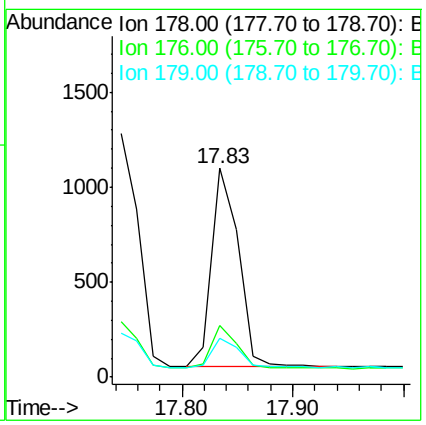


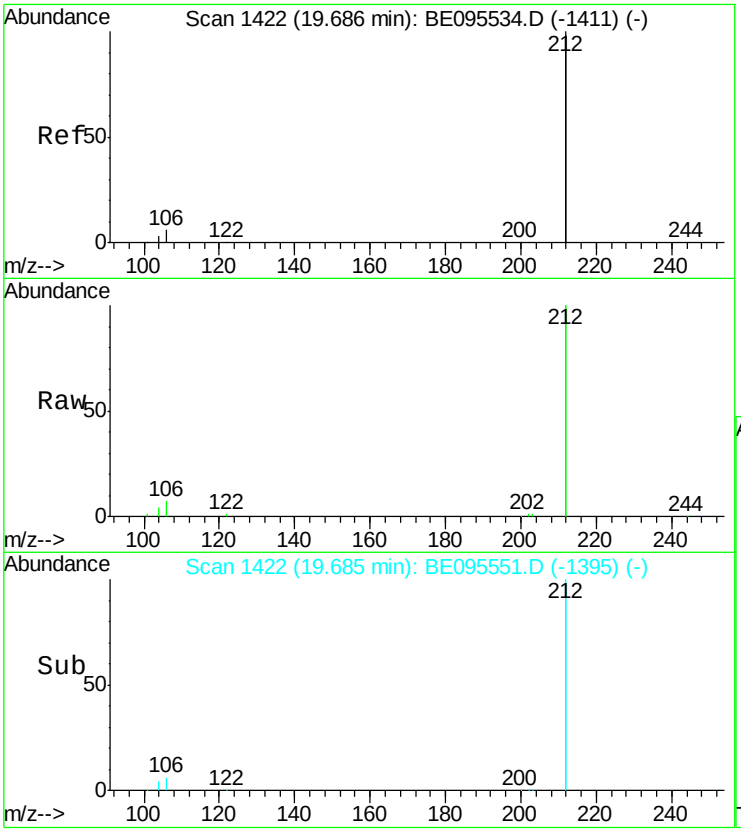


#24
Anthracene
Concen: 0.081 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:178 Resp: 1760

Ion	Ratio	Lower	Upper
178	100		
176	20.2	12.8	19.2#
179	15.7	13.0	19.6



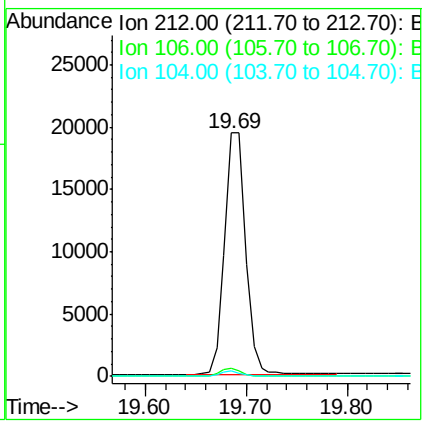


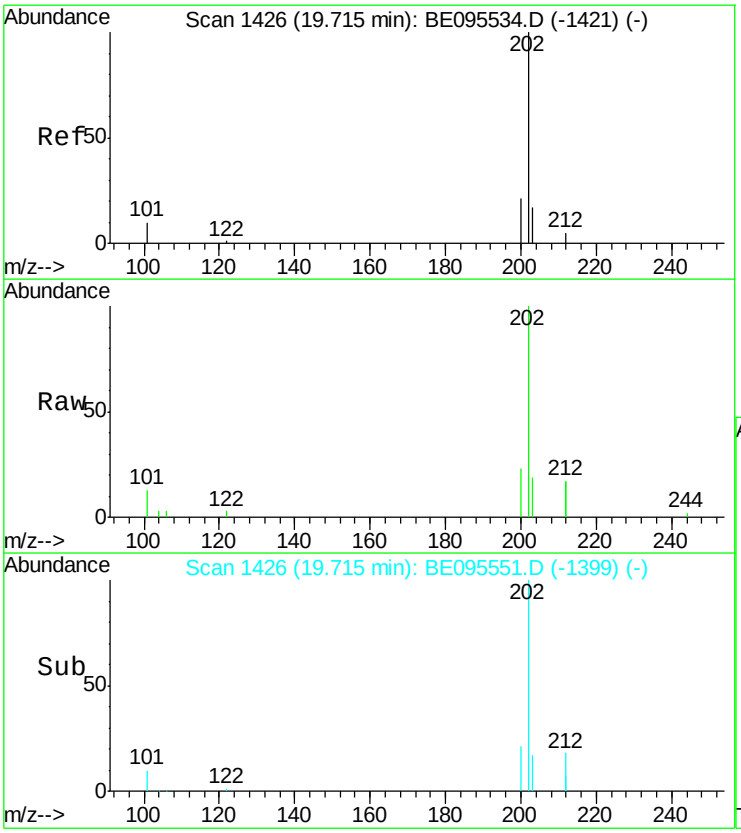
#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.69 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 27819

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4

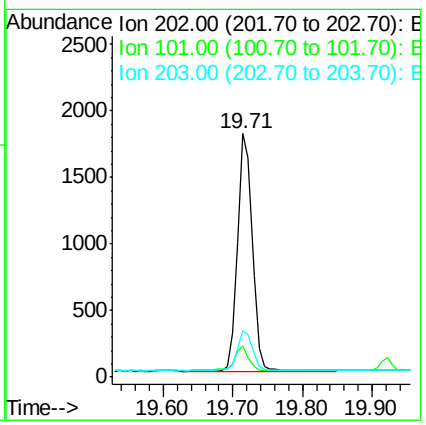


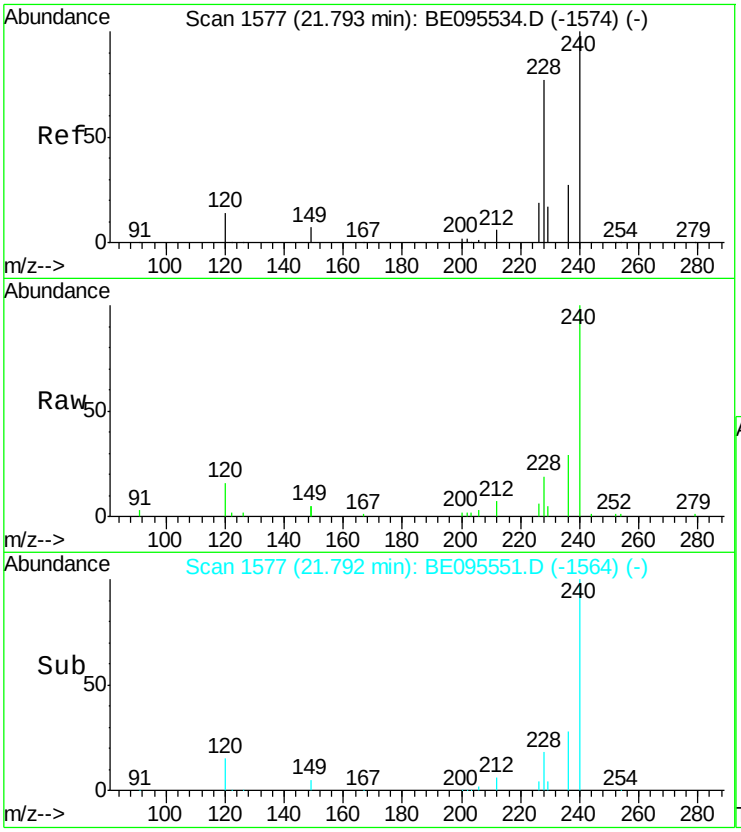


#26
Fluoranthene
Concen: 0.086 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:202 Resp: 2529

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.6	13.7	20.5



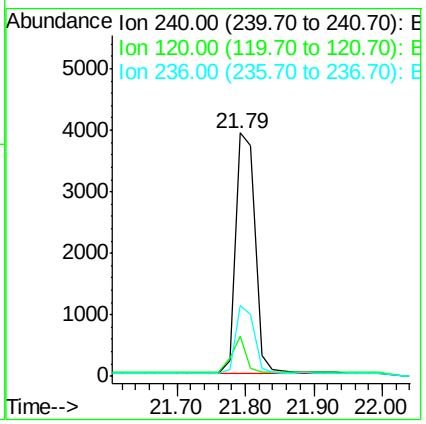


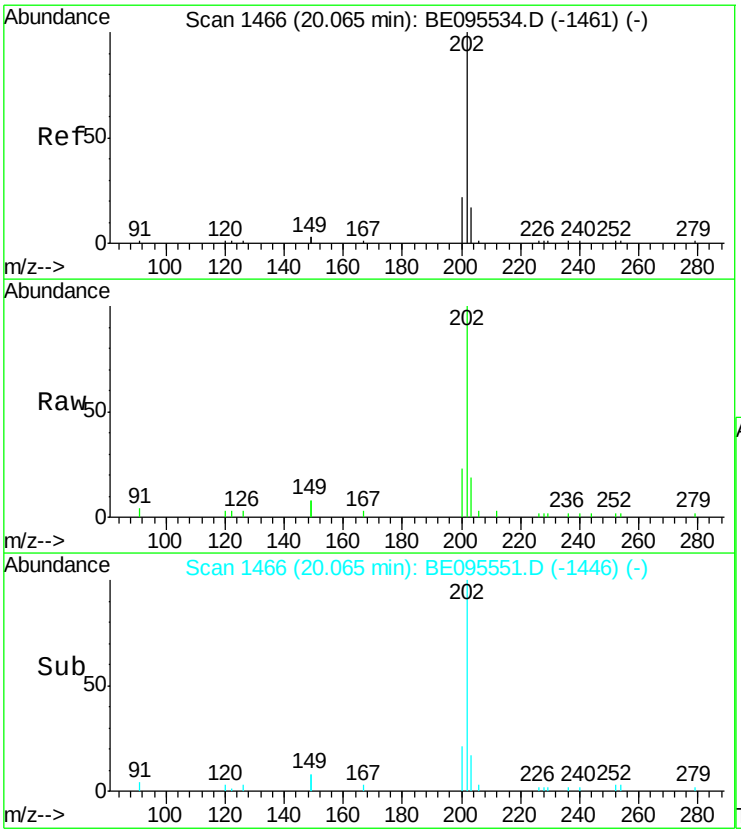
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7754

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.5	8.3#
236	28.9	20.7	31.1

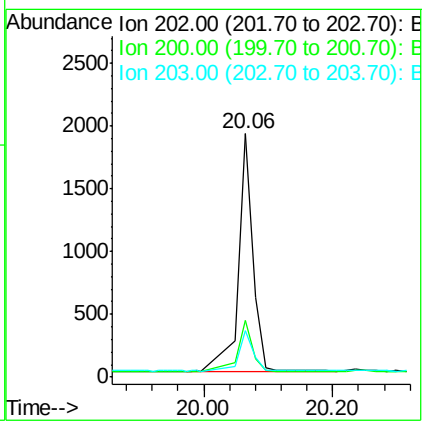


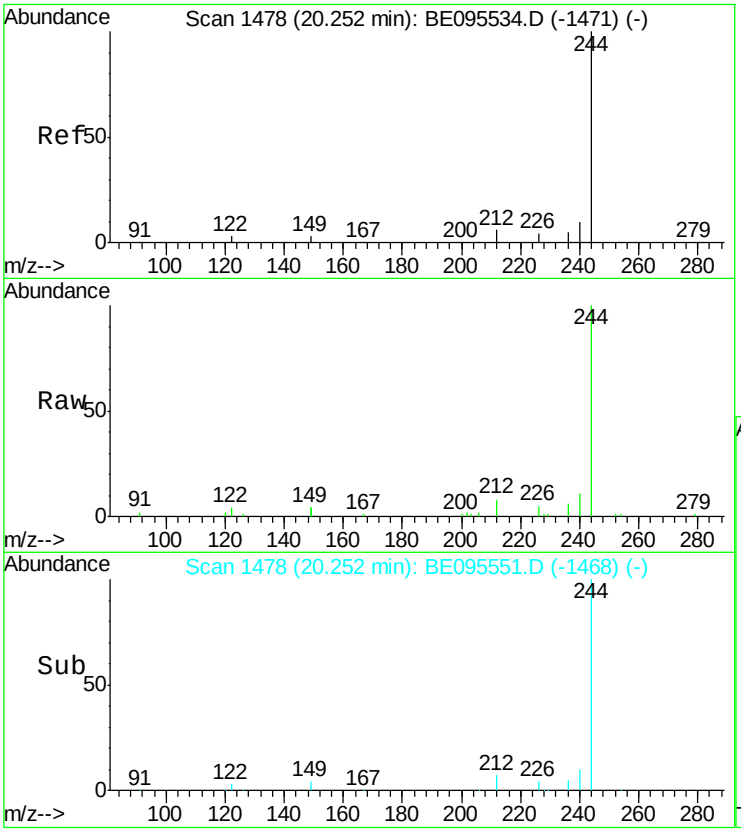


#28
Pyrene
Concen: 0.084 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:202 Resp: 2747

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	18.3	13.8	20.8



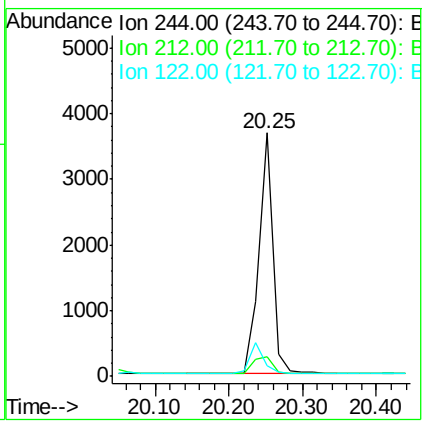


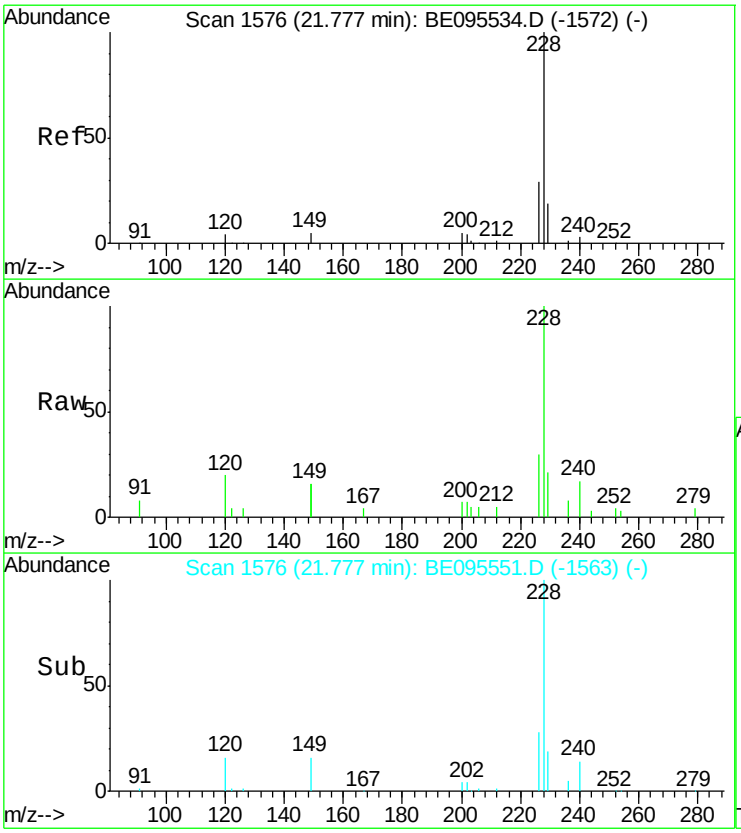
#29
Terphenyl-d14
Concen: 0.291 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4812

Ion	Ratio	Lower	Upper
244	100		
212	8.1	25.4	38.0#
122	4.3	8.1	12.1#

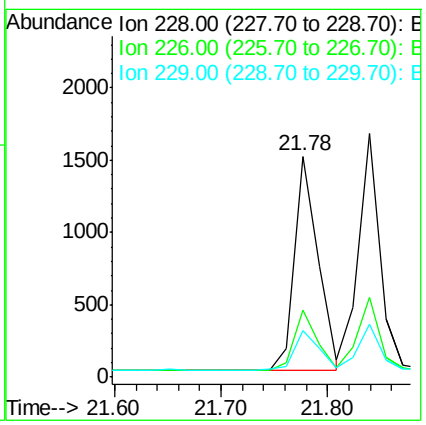


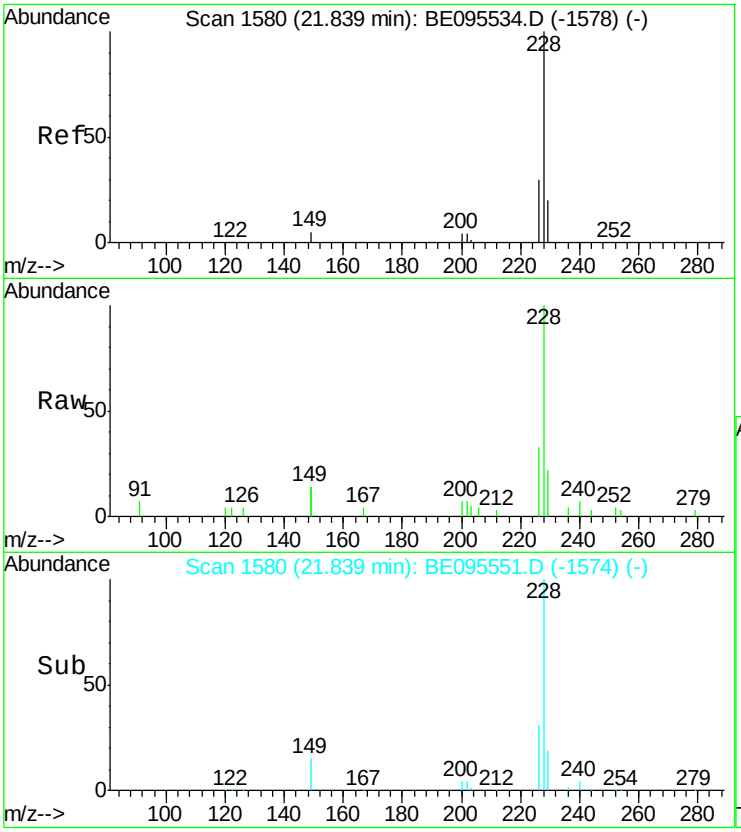


#30
Benzo(a)anthracene
Concen: 0.088 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:228 Resp: 2264

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.3	16.0	24.0



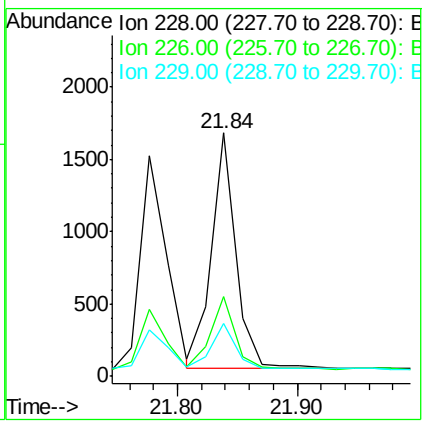


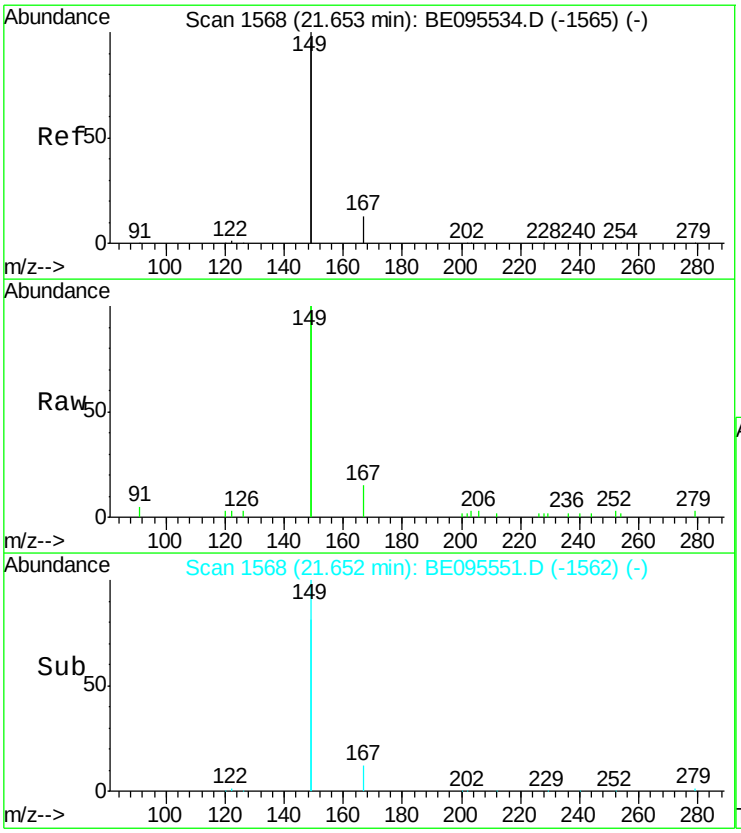
#31
Chrysene
Concen: 0.090 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2282

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	21.7	16.0	24.0

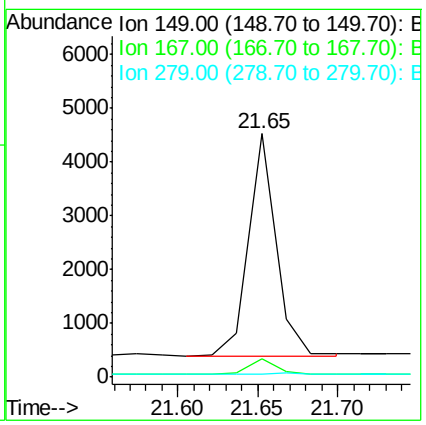


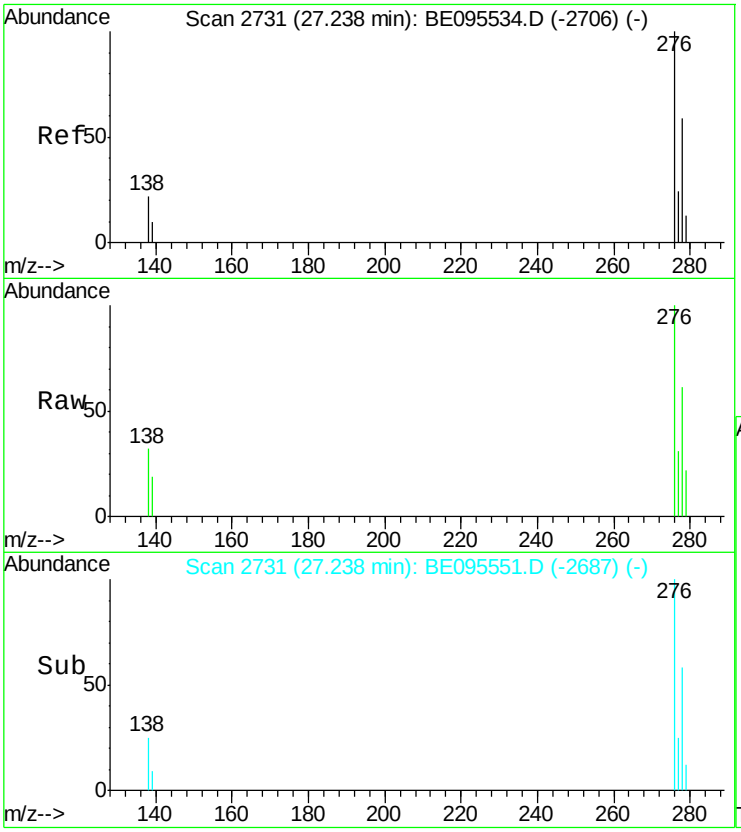


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:149 Resp: 5021

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



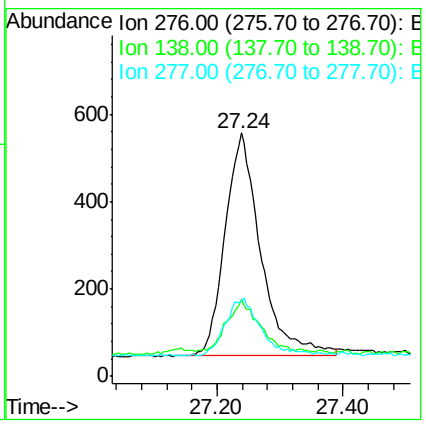


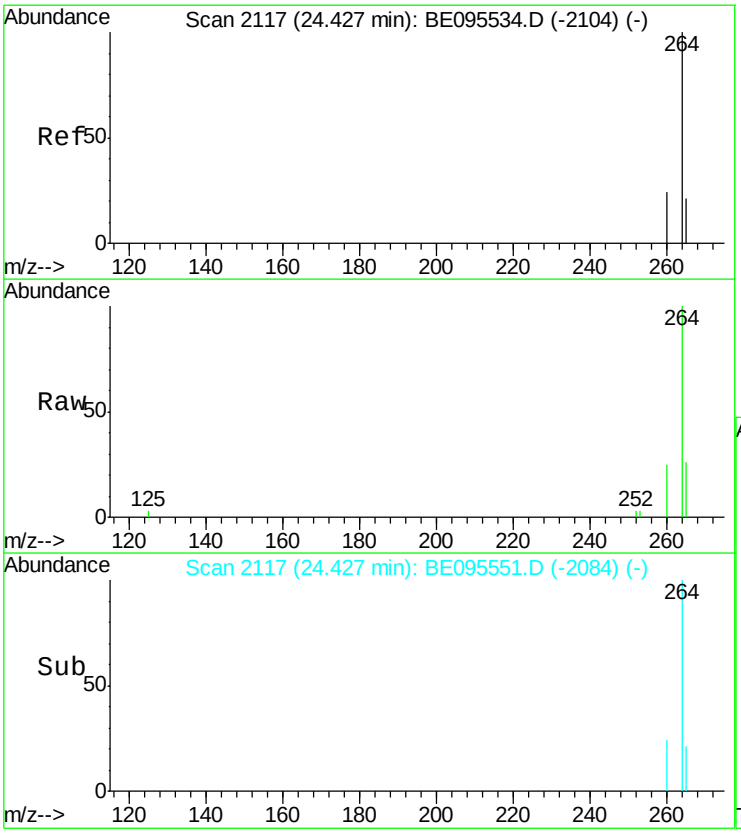
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1998

Ion	Ratio	Lower	Upper
276	100		
138	20.9	22.5	33.7#
277	24.6	19.9	29.9

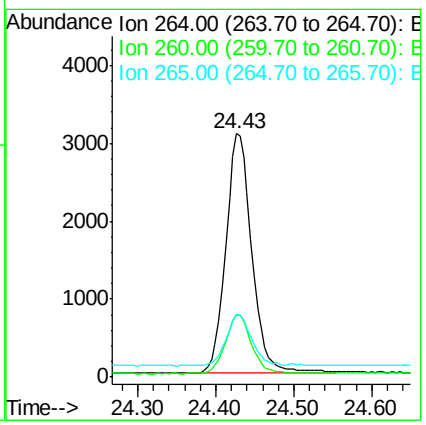


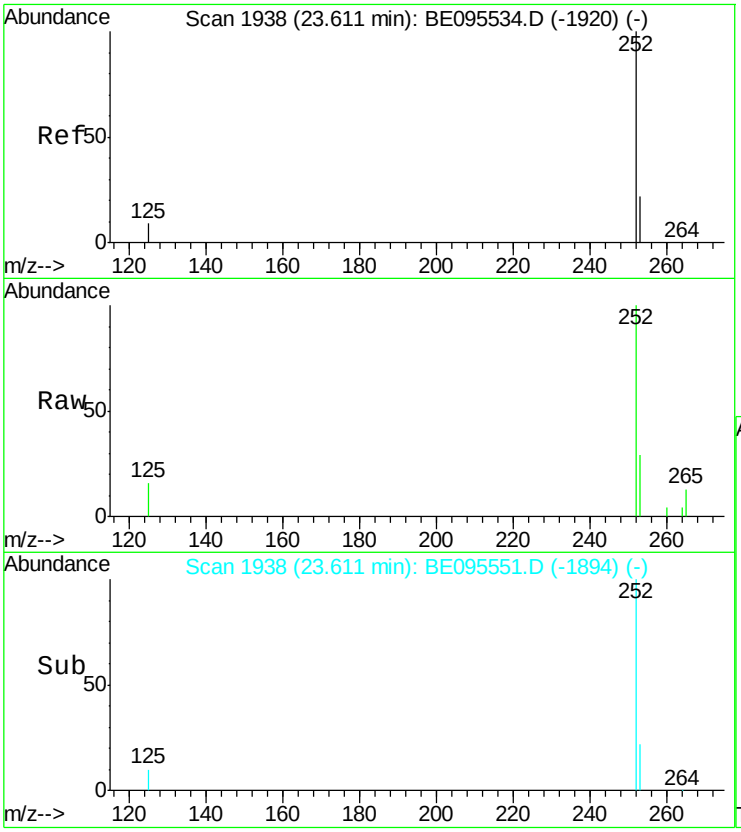


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:264 Resp: 7169

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	25.7	22.8	34.2



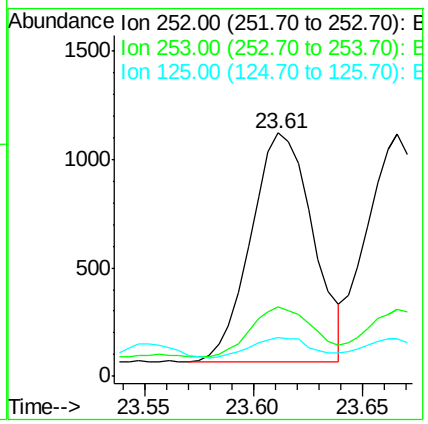


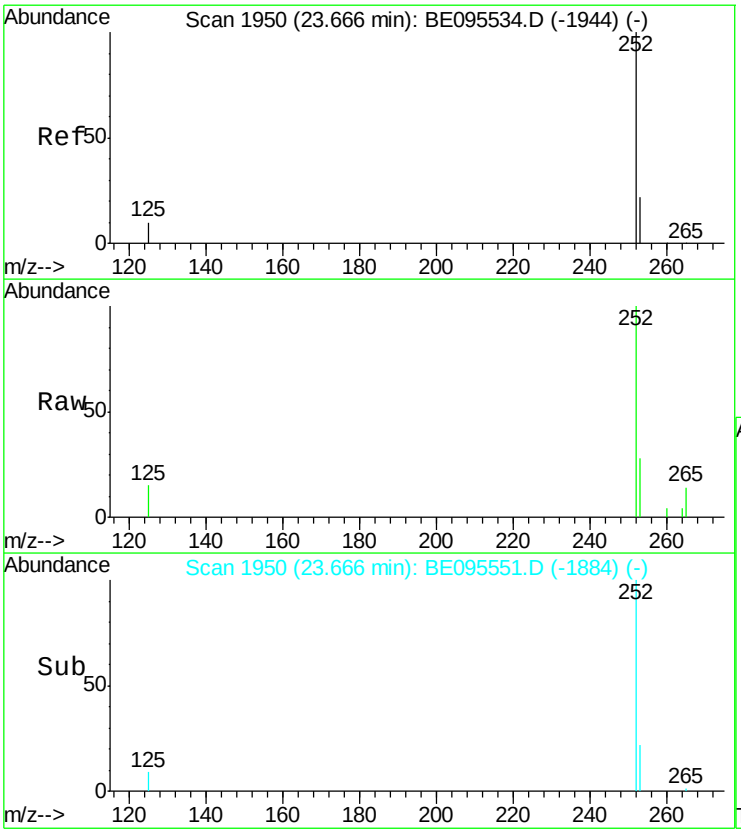
#35
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2081

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.0	30.0
125	16.1	16.0	24.0

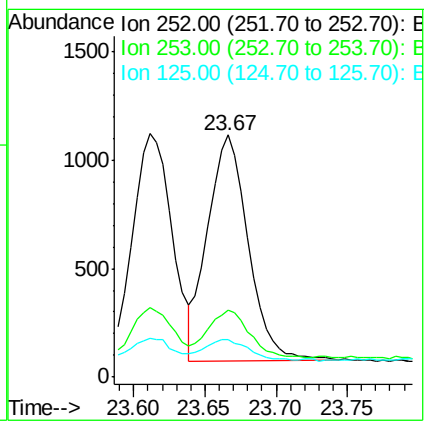


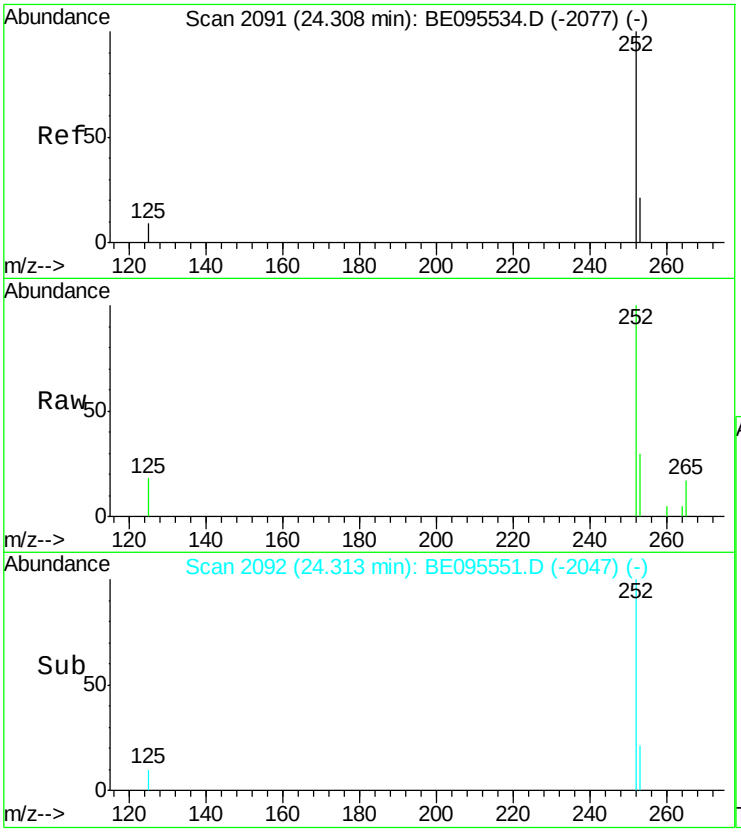


#36
Benzo(k)fluoranthene
Concen: 0.082 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:252 Resp: 2071

Ion	Ratio	Lower	Upper
252	100		
253	27.8	16.0	24.0#
125	15.4	8.0	12.0#



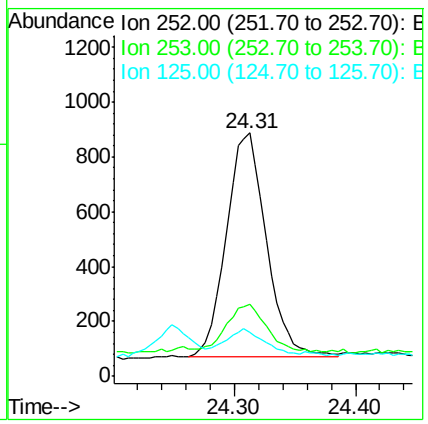


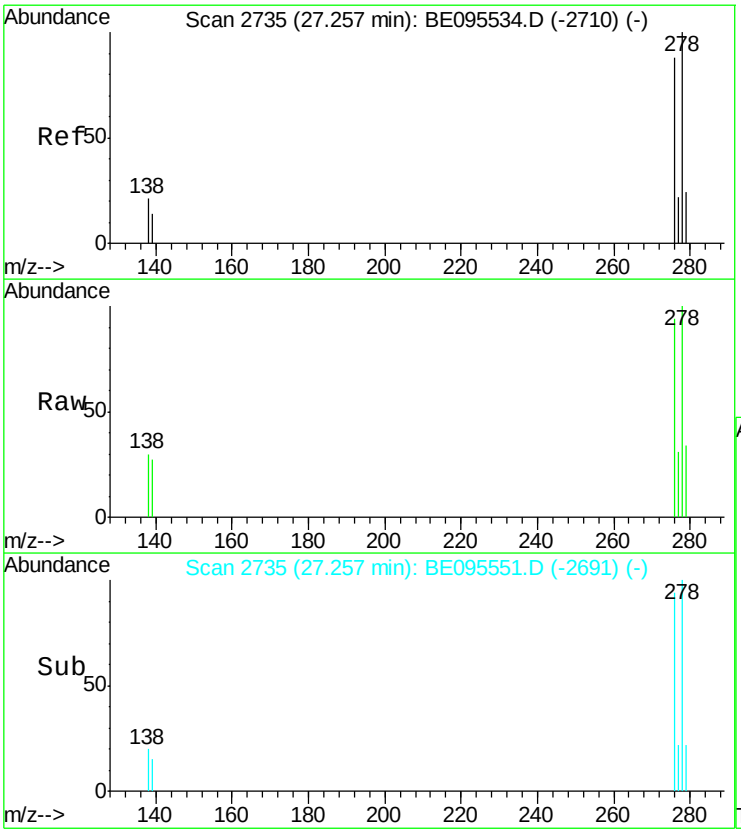
#37
Benzo(a)pyrene
Concen: 0.082 ng
RT: 24.31 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1859

Ion	Ratio	Lower	Upper
252	100		
253	29.6	16.0	24.0#
125	17.8	12.0	18.0

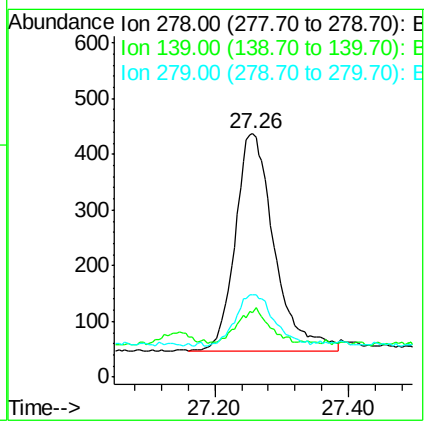


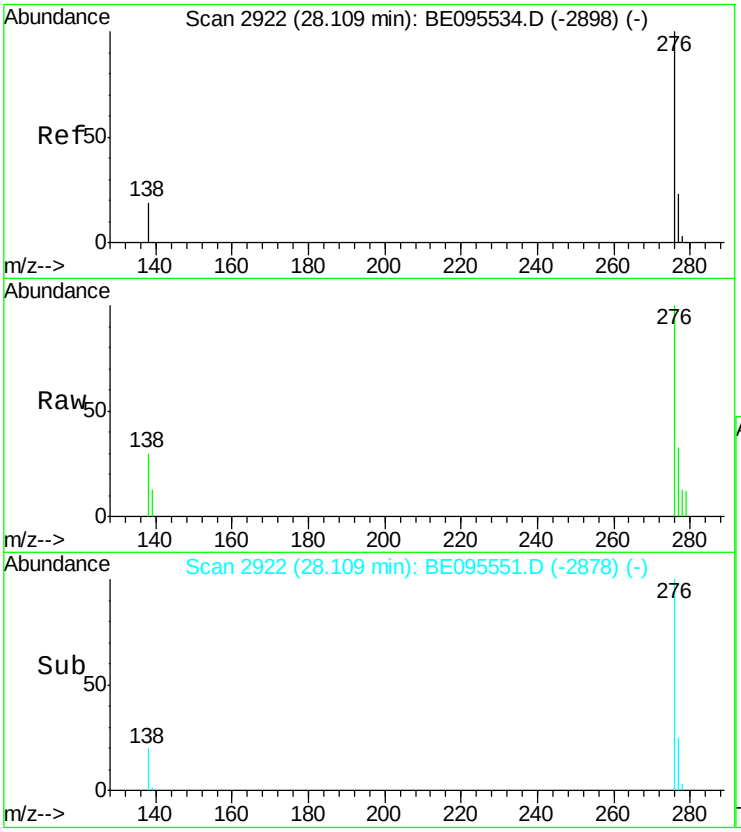


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 27.26 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:278 Resp: 1583

Ion	Ratio	Lower	Upper
278	100		
139	26.5	16.0	24.0#
279	33.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.084 ng
RT: 28.11 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1799

Ion	Ratio	Lower	Upper
276	100		
277	32.8	16.0	24.0#
138	29.7	20.0	30.0