Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098145.D
Acq On : 1 Nov 2018 14:18
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 02 02:38:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	911	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4696	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3193	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7508	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8475	0.40	ng		0.00
34) Perylene-d12	24.01	264	8226	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1187	0.44	ng		0.00
5) Phenol-d6	7.05	99	1914	0.43	ng		0.00
8) Nitrobenzene-d5	9.03	82	1991	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	3423	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	546	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5336	0.41	ng		0.00
25) Fluoranthene-d10	19.31	212	38814	0.40	ng		0.00
29) Terphenyl-d14	19.91	244	8185	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	587	0.432	ng		98
3) n-Nitrosodimethylamine	3.69	42	763	0.420	ng	#	79
6) bis(2-Chloroethyl)ether	7.29	93	1323	0.406	ng		86
9) Naphthalene	10.72	128	19371	0.413	ng		99
10) Hexachlorobutadiene	11.00	225	1294	0.420	ng		95
12) 2-Methylnaphthalene	12.34	142	3483	0.416	ng	#	91
16) Acenaphthylene	14.25	152	5935	0.408	ng		99
17) Acenaphthene	14.60	154	3616	0.413	ng		98
18) Fluorene	15.58	166	4629	0.399	ng		95
20) 4-Bromophenyl-phenylether	16.48	248	1891	0.413	ng	#	82
21) Hexachlorobenzene	16.59	284	1990	0.416	ng		98
22) Pentachlorophenol	16.94	266	348	0.380	ng		93
23) Phenanthrene	17.33	178	7579	0.407	ng		99
24) Anthracene	17.42	178	7232	0.409	ng		100
26) Fluoranthene	19.34	202	9326	0.400	ng		96
28) Pyrene	19.70	202	9725	0.420	ng		100
30) Benzo(a)anthracene	21.45	228	10279	0.415	ng		97
31) Chrysene	21.50	228	10171	0.415	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	34625	0.483	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	10483	0.411	ng	#	84
35) Benzo(b)fluoranthene	23.23	252	9468	0.409	ng	#	91
36) Benzo(k)fluoranthene	23.28	252	10079	0.420	ng	#	89
37) Benzo(a)pyrene	23.90	252	9332	0.412	ng	#	89
38) Dibenzo(a,h)anthracene	26.73	278	8725	0.413	ng	#	93
39) Benzo(g,h,i)perylene	27.53	276	8744	0.416	ng	#	88

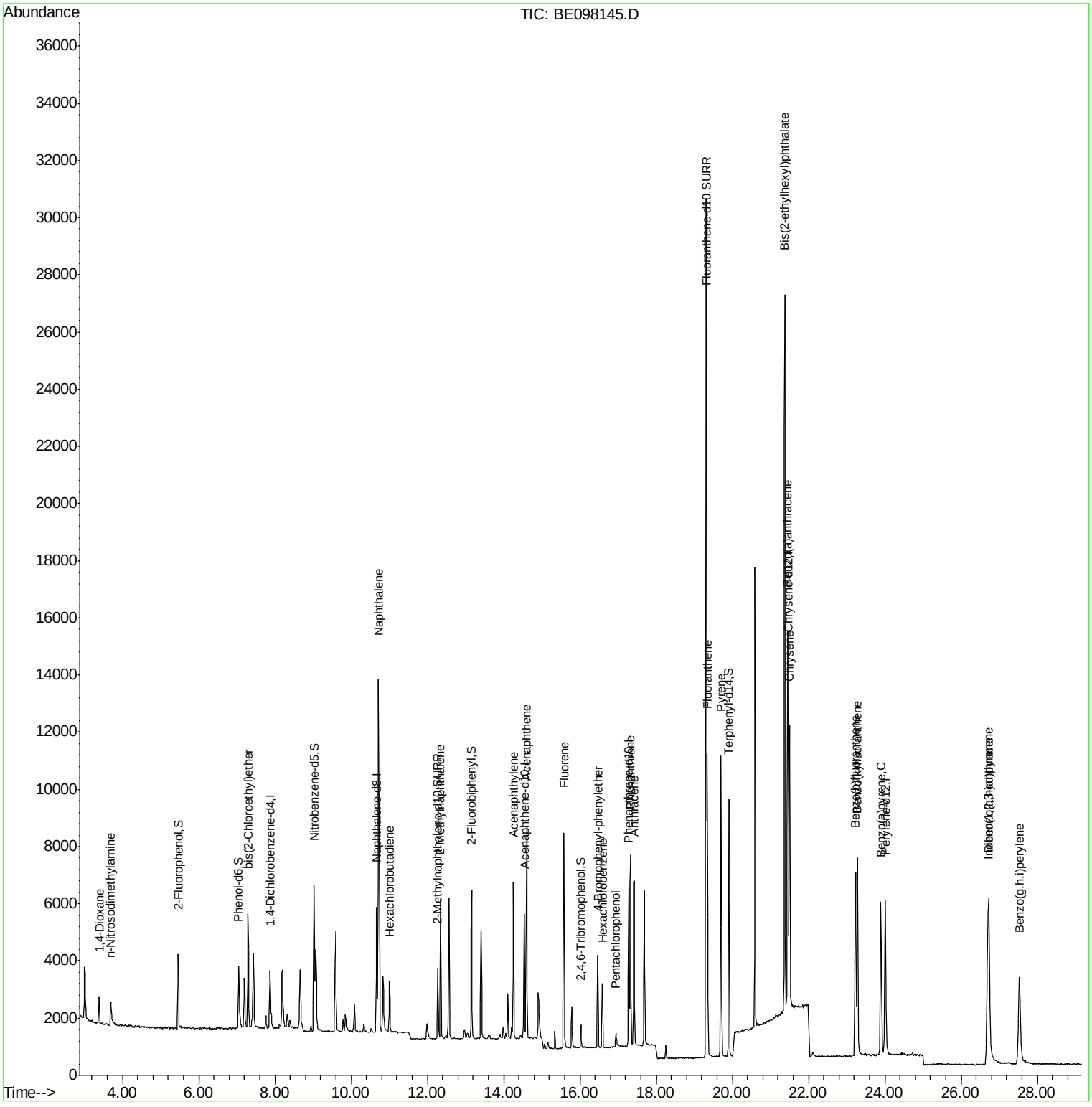
(#) = qualifier out of range (m) = manual integration (+) = signals summed

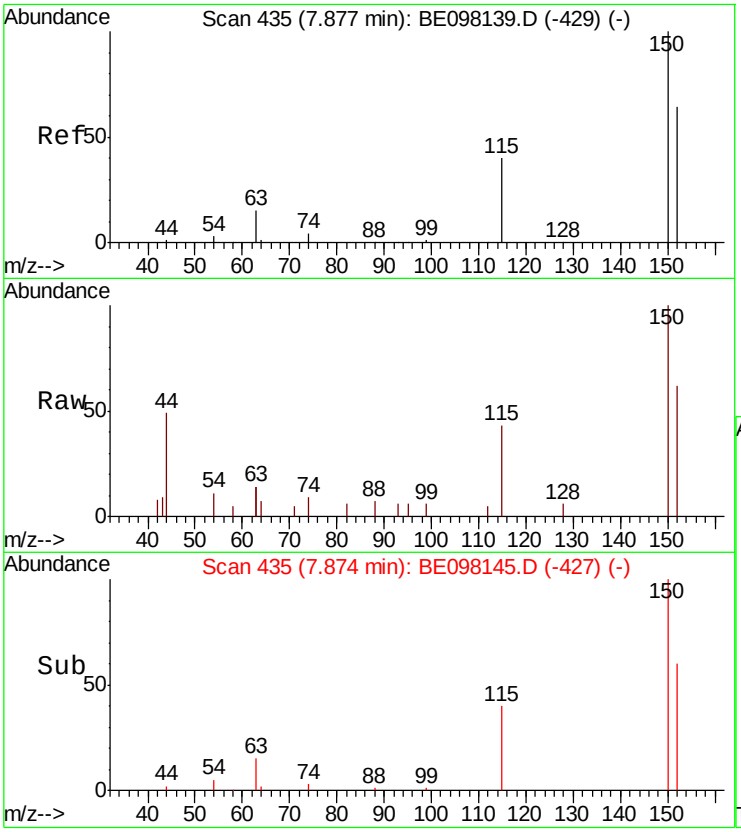
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
Data File : BE098145.D
Acq On : 1 Nov 2018 14:18
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 02 02:38:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

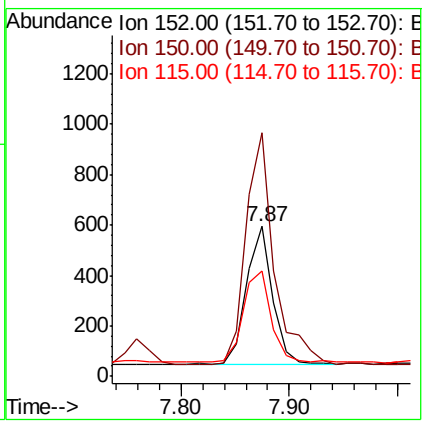




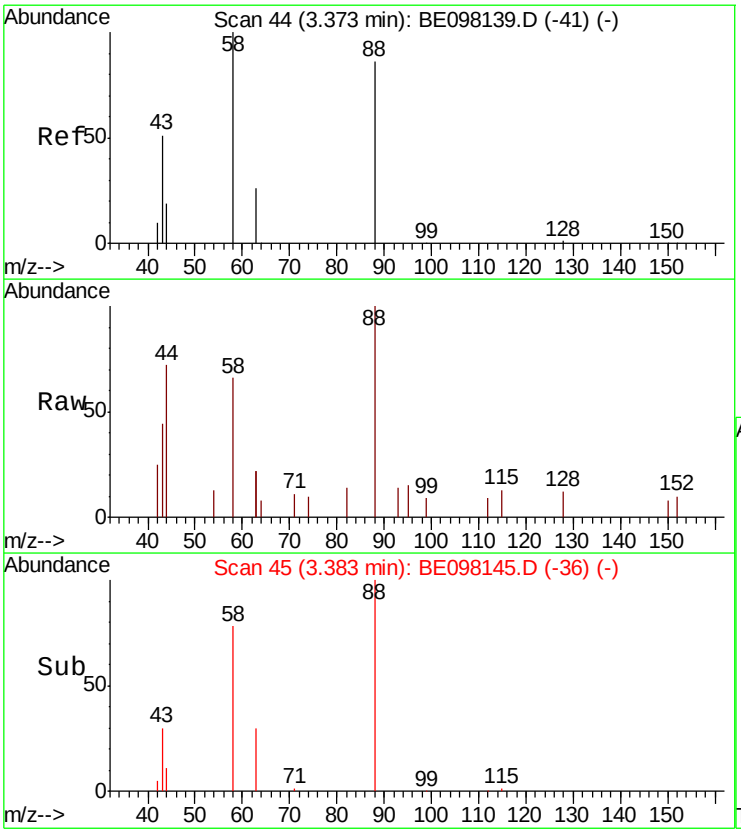
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:152 Resp: 911

Ion	Ratio	Lower	Upper
152	100		
150	162.4	118.2	177.4
115	70.6	50.9	76.3



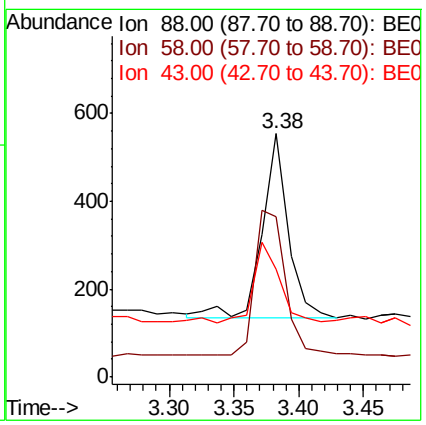
Instrument :
BNA_E
ClientSampleId :

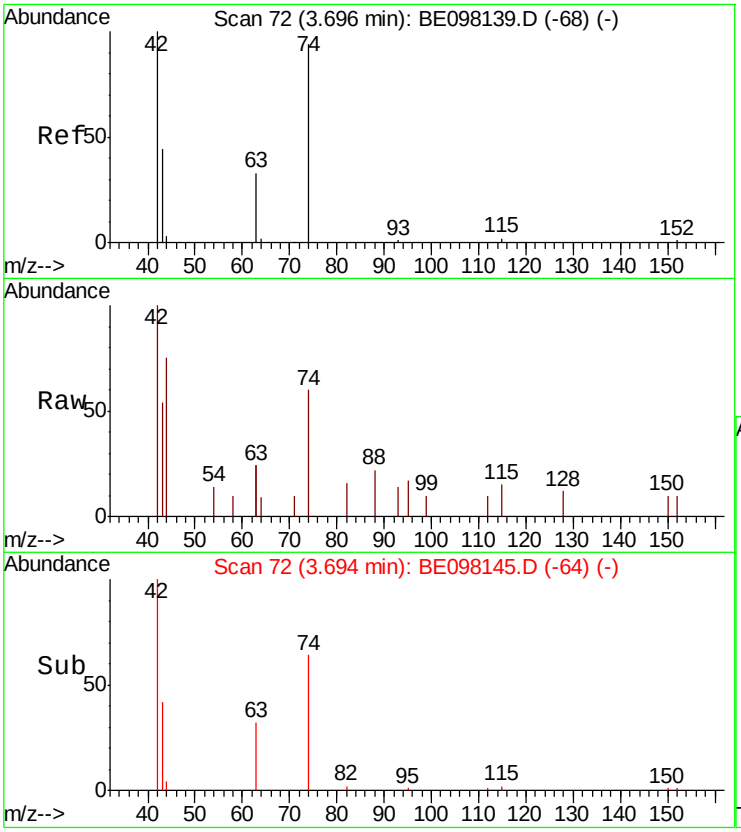


#2
1,4-Dioxane
Concen: 0.432 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion: 88 Resp: 587

Ion	Ratio	Lower	Upper
88	100		
58	92.2	73.2	109.8
43	43.3	36.9	55.3



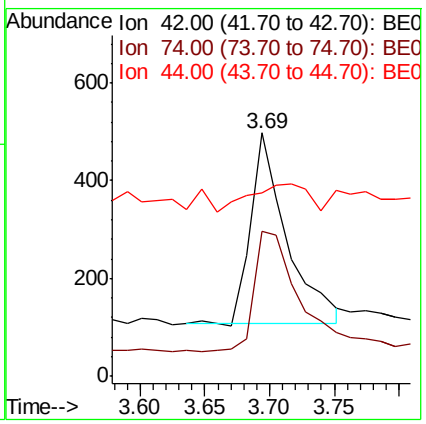


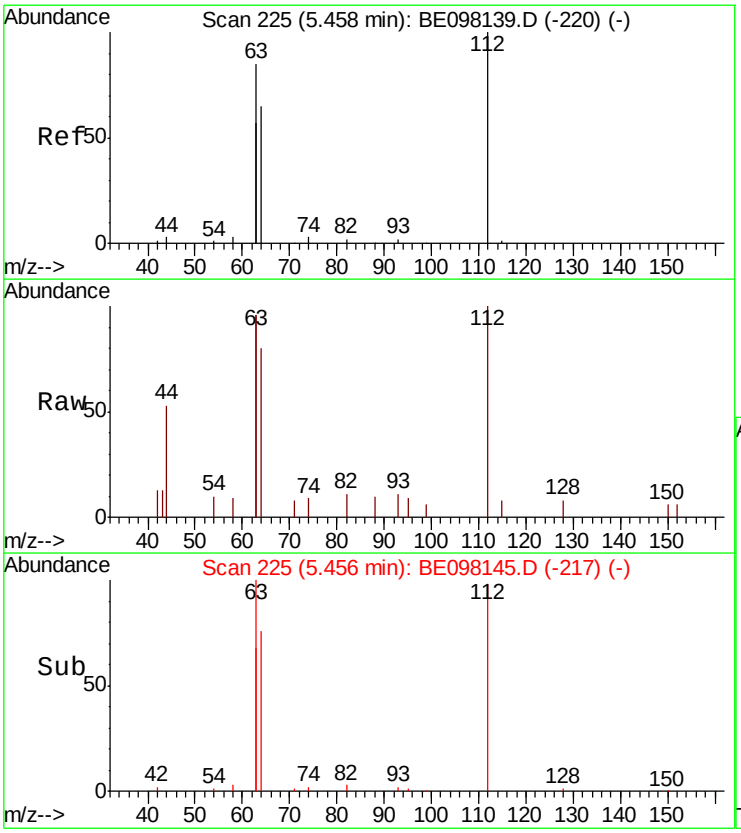
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 763

Ion	Ratio	Lower	Upper
42	100		
74	76.5	77.6	116.4#
44	0.0	7.6	11.4#

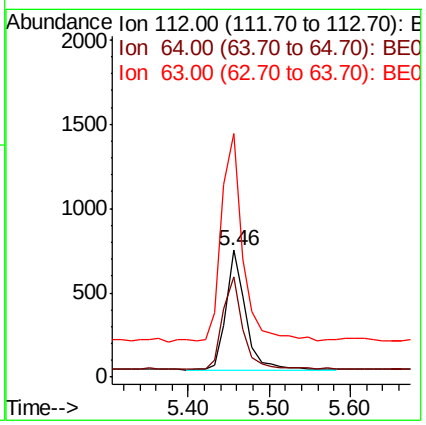


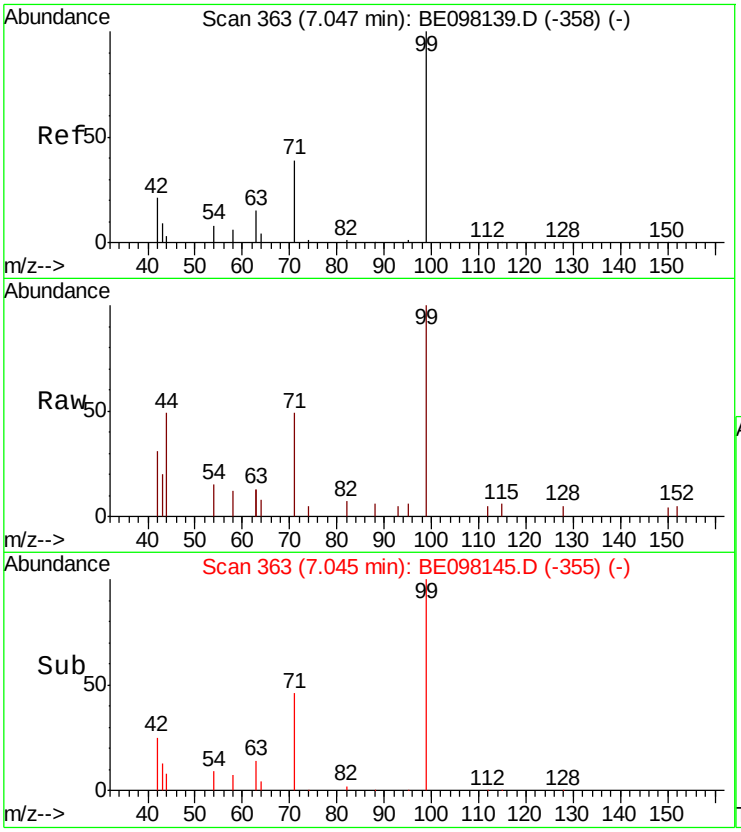


#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:112 Resp: 1187

Ion	Ratio	Lower	Upper
112	100		
64	81.1	58.9	88.3
63	192.2	120.3	180.5#



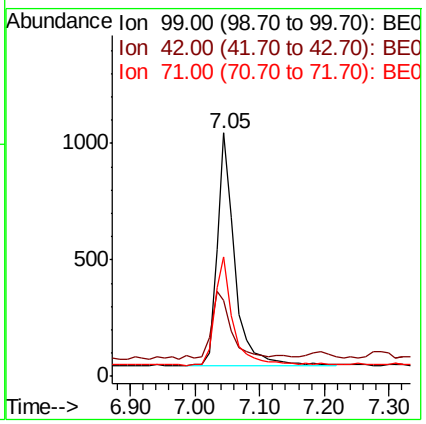


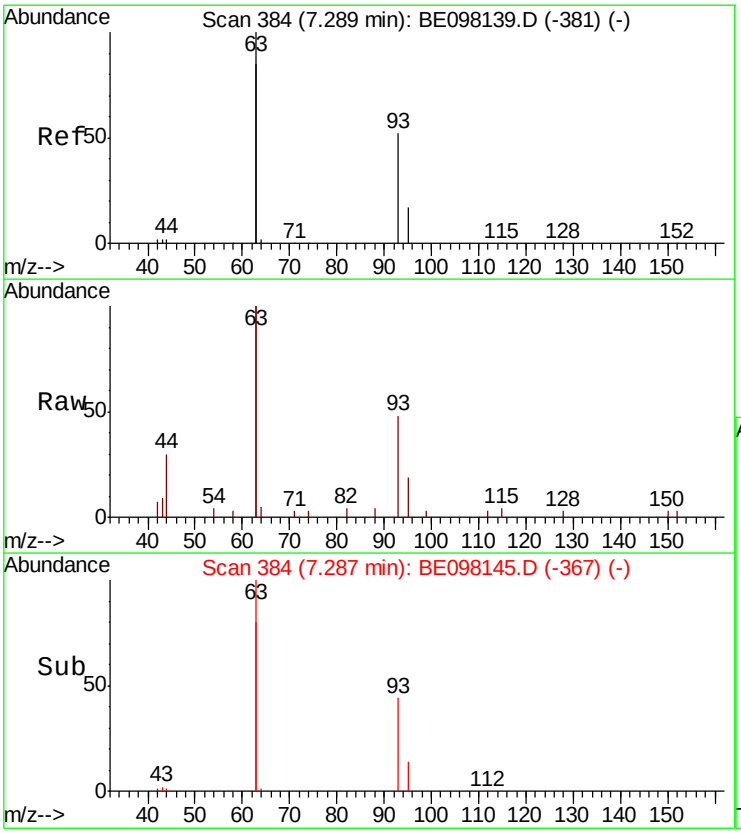
#5
Phenol-d6
Concen: 0.430 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1914

Ion	Ratio	Lower	Upper
99	100		
42	32.3	19.9	29.9#
71	48.8	27.8	41.8#

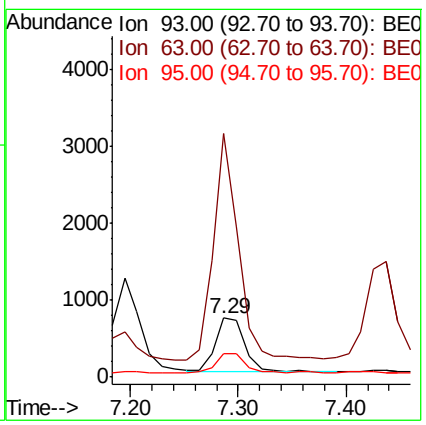


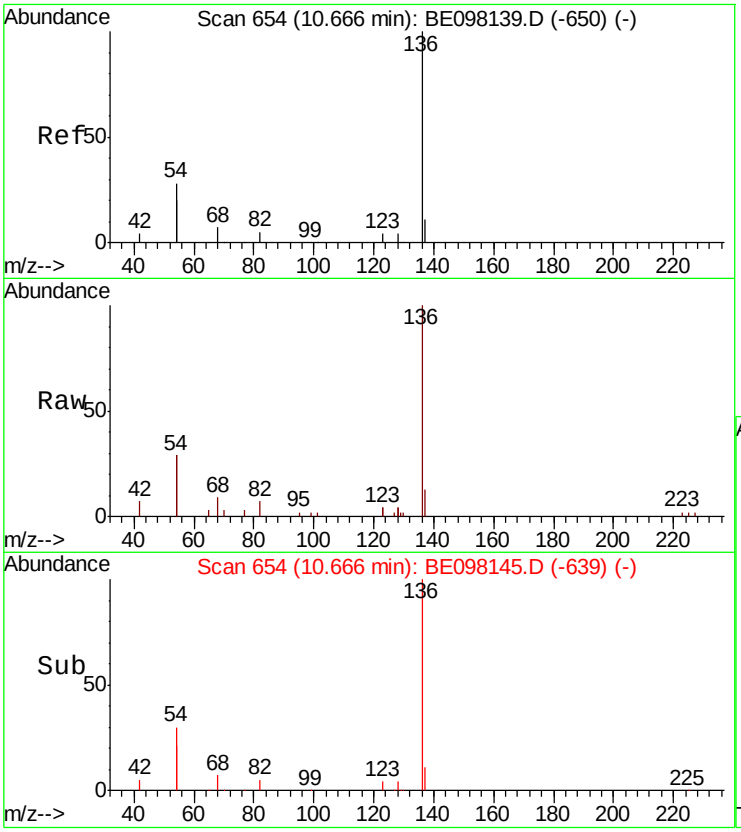


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion: 93 Resp: 1323

Ion	Ratio	Lower	Upper
93	100		
63	354.8	259.0	388.4
95	33.0	27.8	41.8



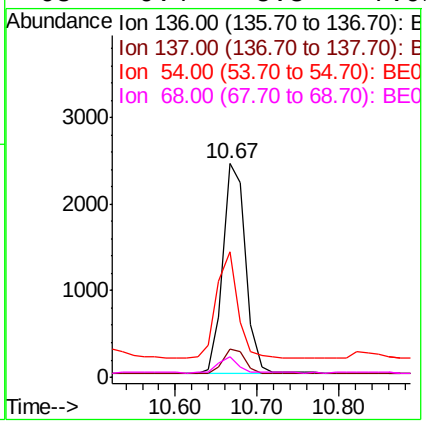


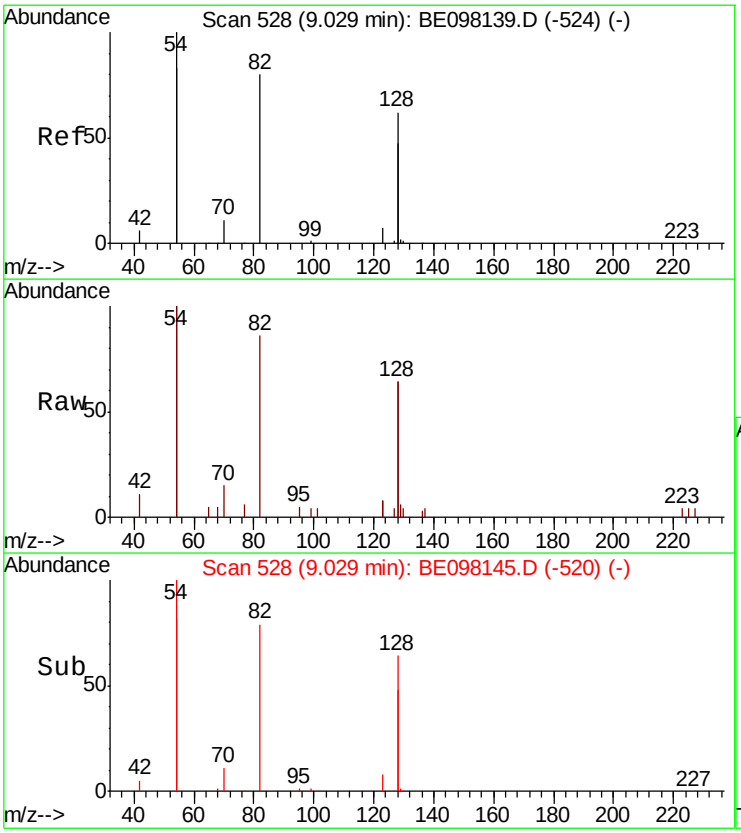
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4696

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.6	14.4
54	58.9	27.7	41.5#
68	9.4	5.3	7.9#

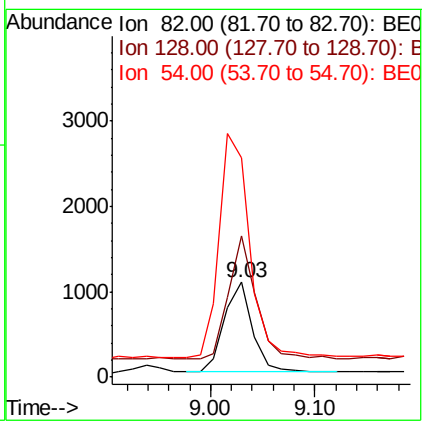


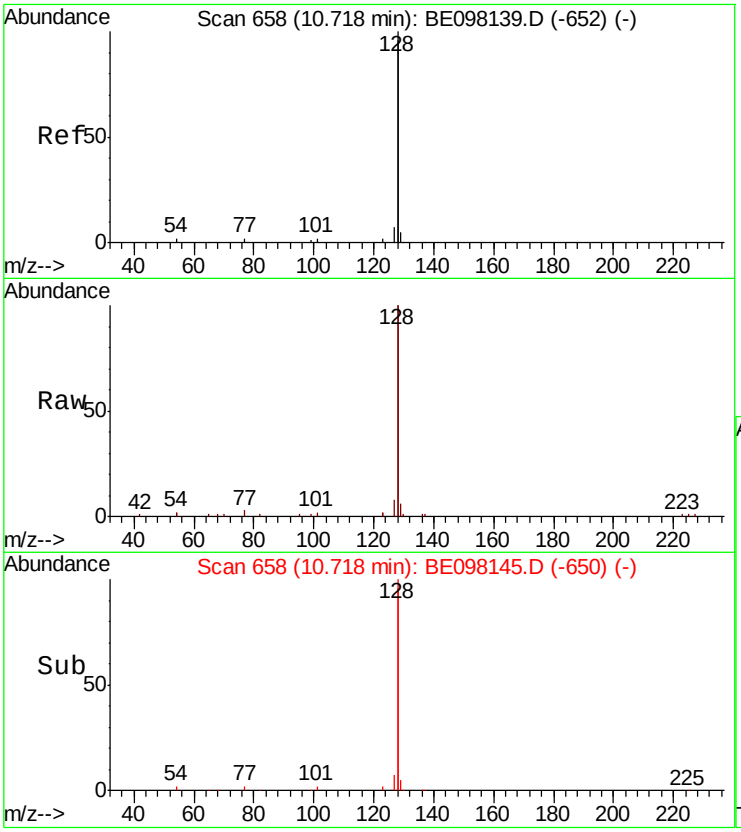


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion: 82 Resp: 1991

Ion	Ratio	Lower	Upper
82	100		
128	149.5	129.9	194.9
54	231.9	174.0	261.0



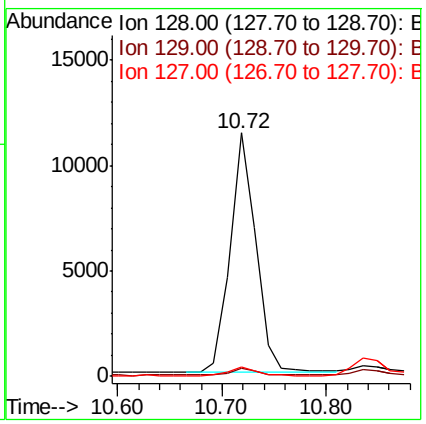


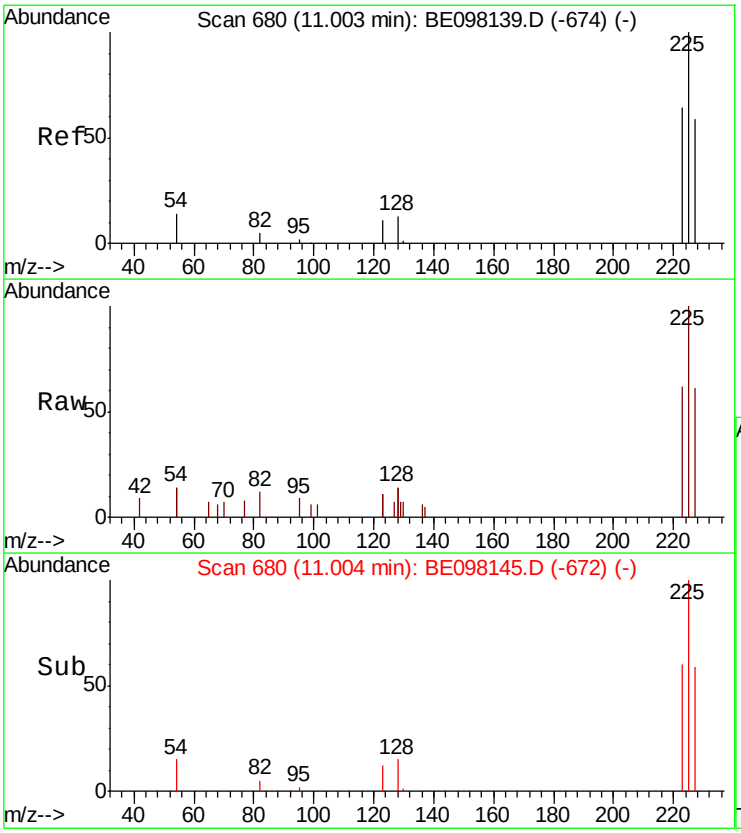
#9
Naphthalene
Concen: 0.413 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19371

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.8	2.8	4.2

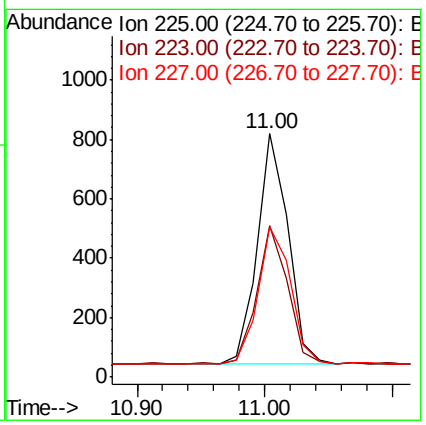


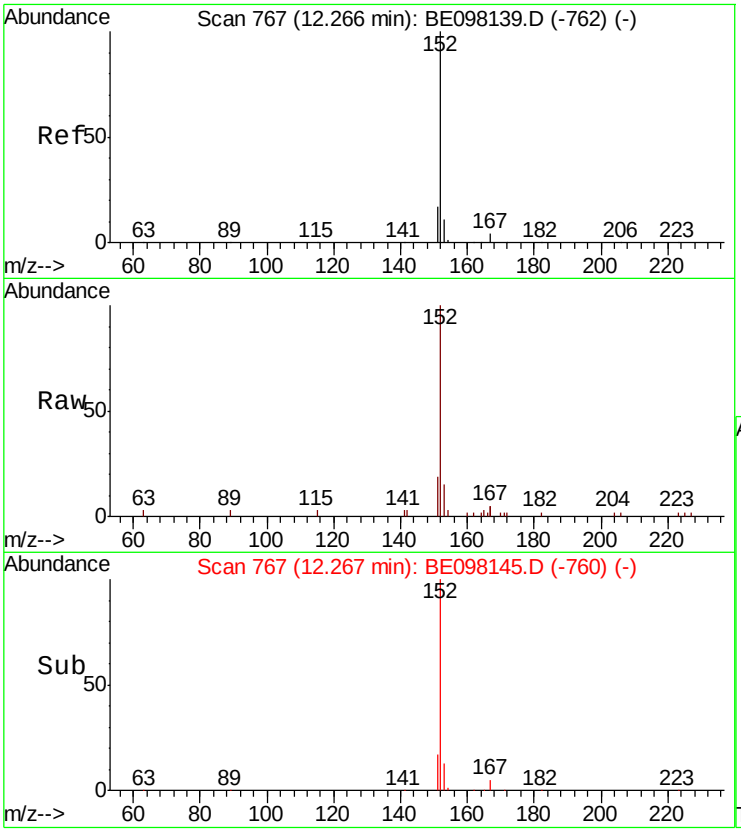


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:225 Resp: 1294

Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.8	77.8
227	63.2	53.0	79.6



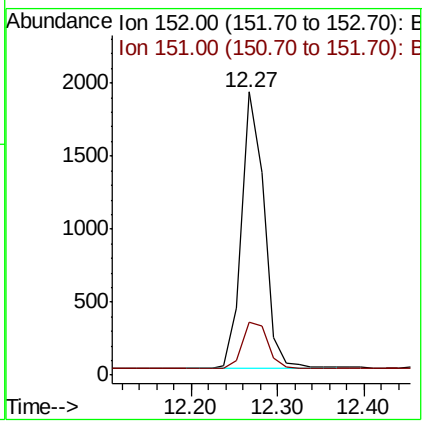


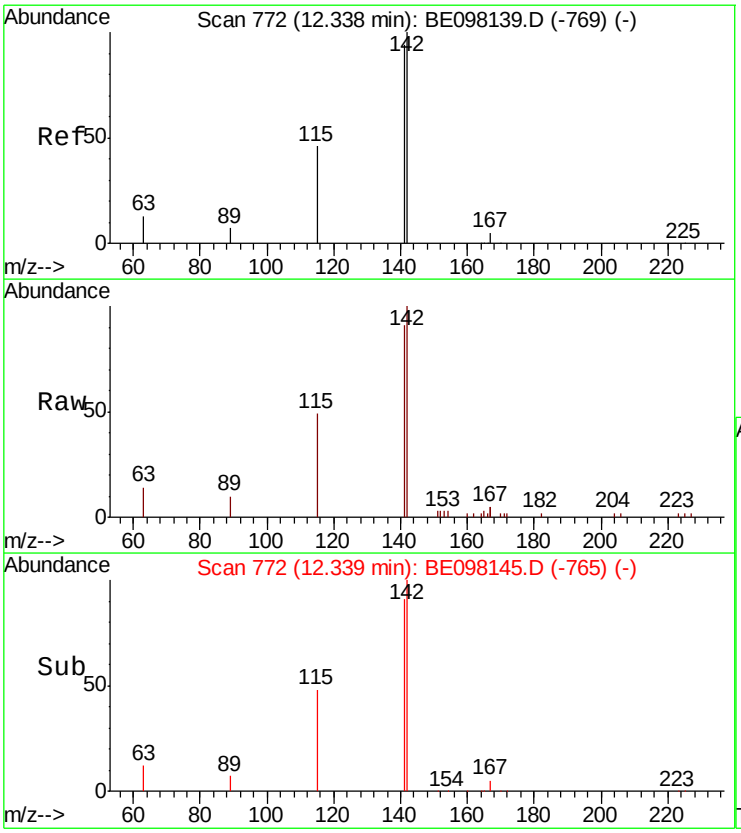
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3423

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

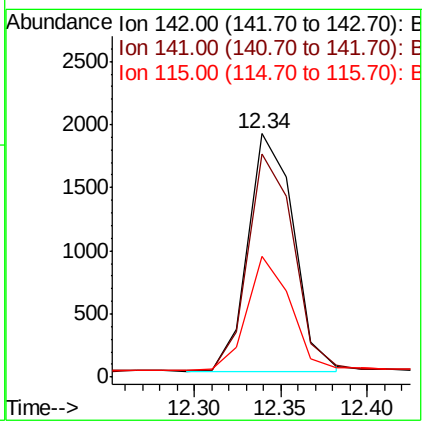


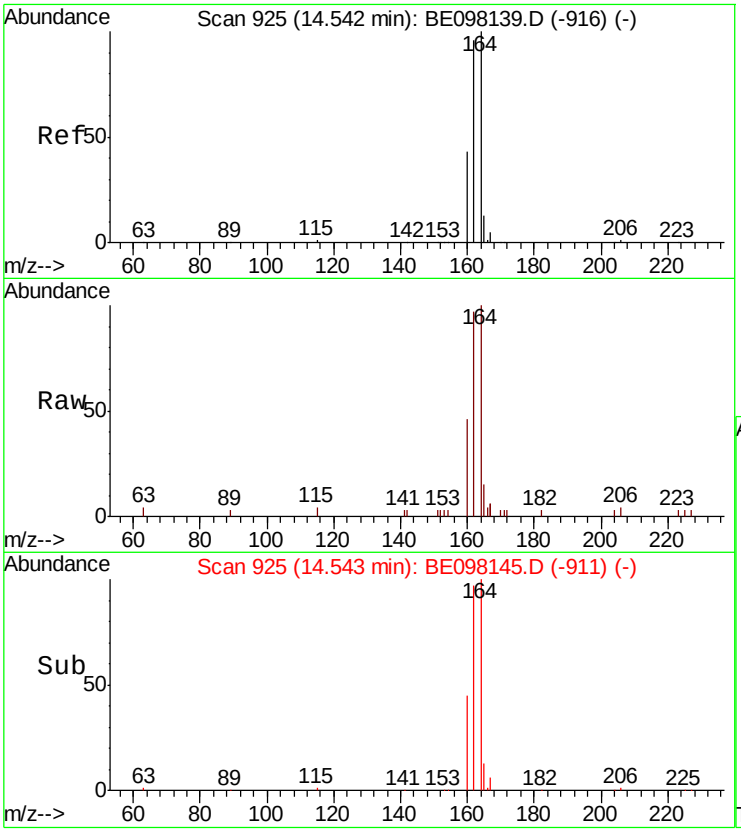


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:142 Resp: 3483

Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.8	104.6
115	49.3	30.5	45.7#



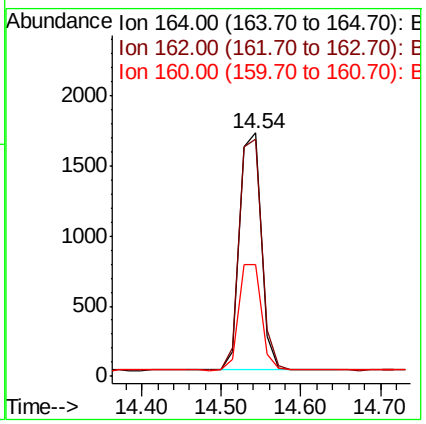


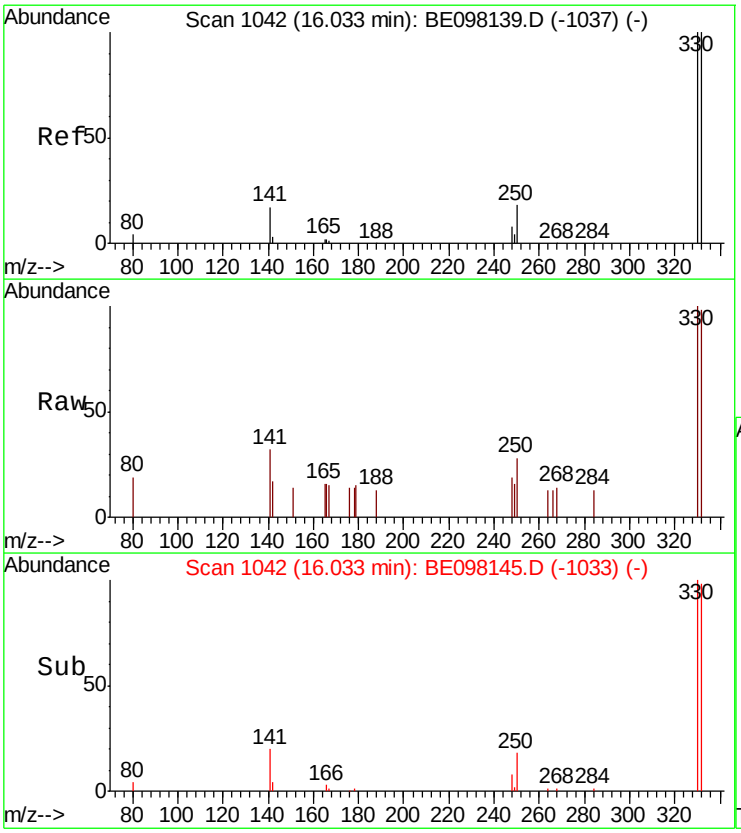
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3193

Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.4	116.2
160	46.2	36.5	54.7

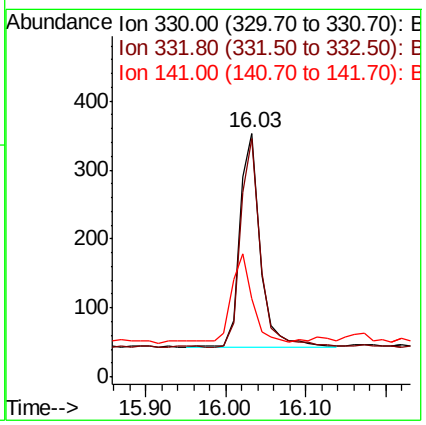


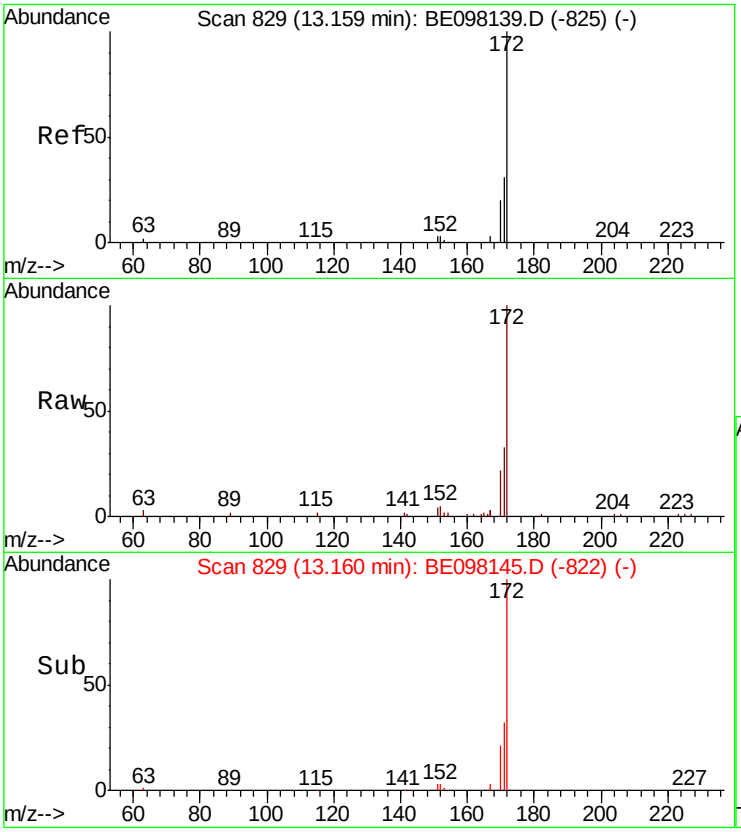


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:330 Resp: 546

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	40.8	31.8	47.6



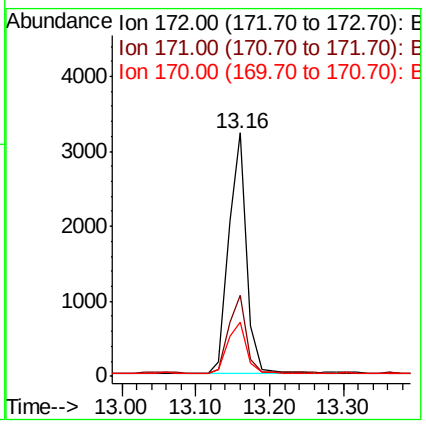


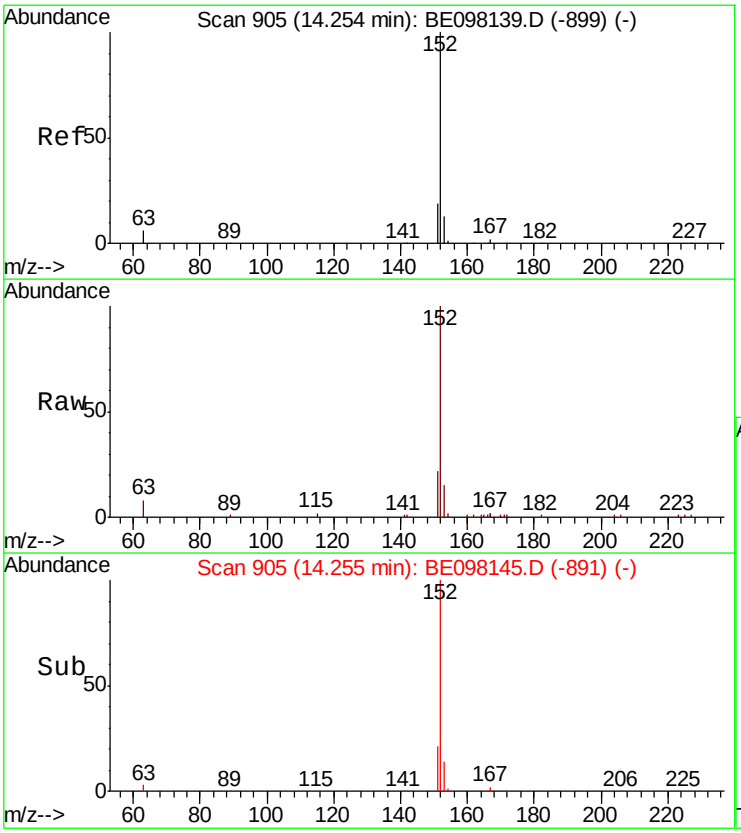
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5336

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.0	39.0
170	22.0	18.0	27.0

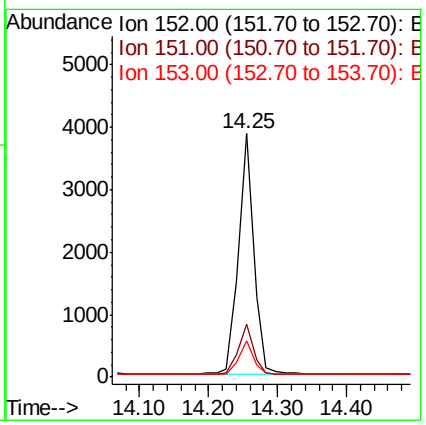


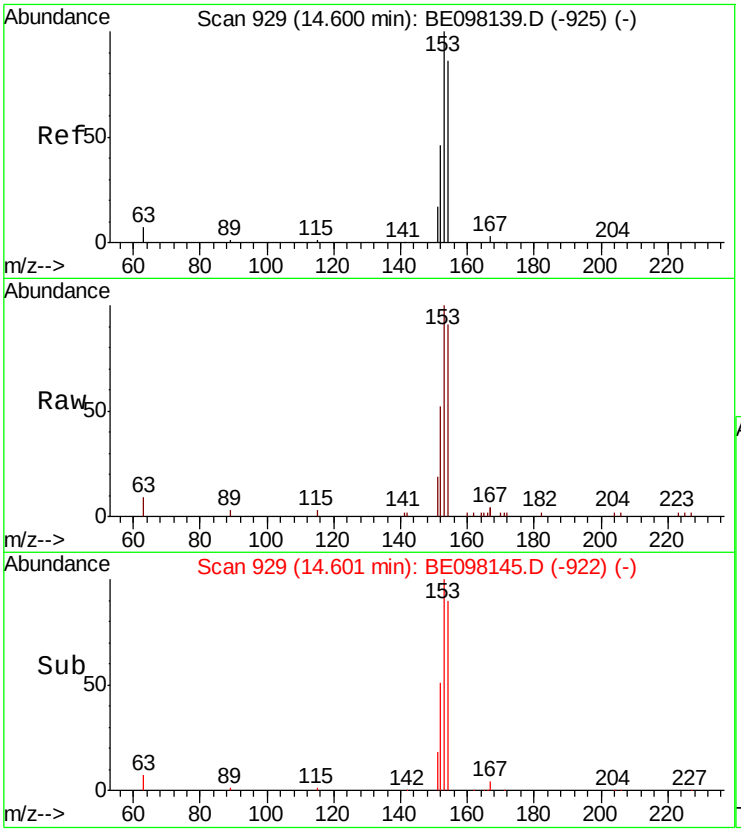


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:152 Resp: 5935

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.0	10.9	16.3



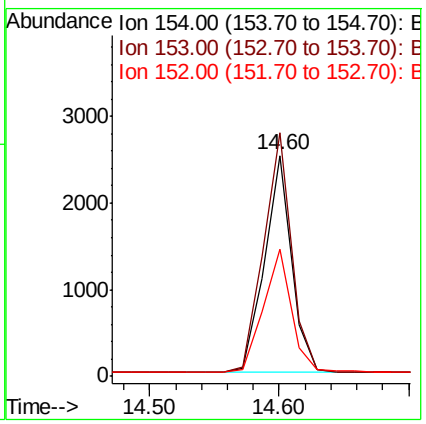


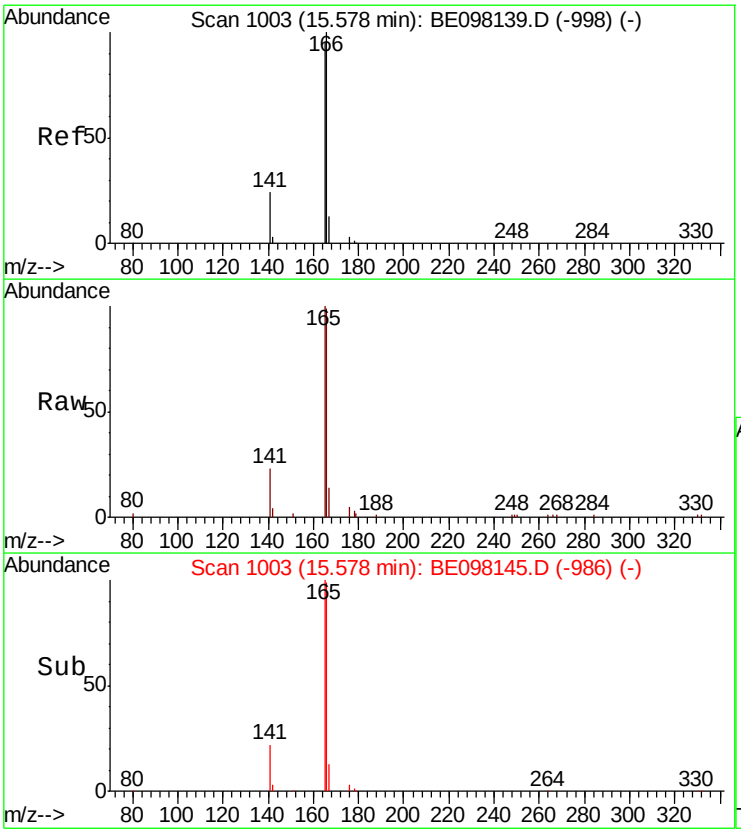
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3616

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.6	139.0
152	58.6	45.5	68.3

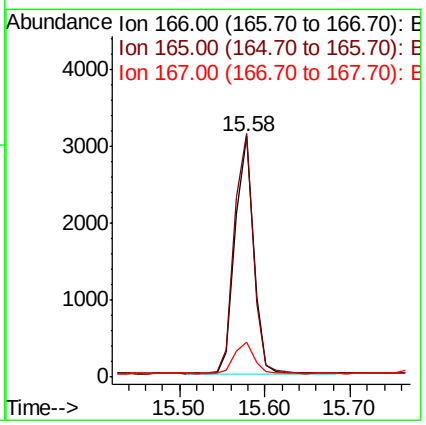


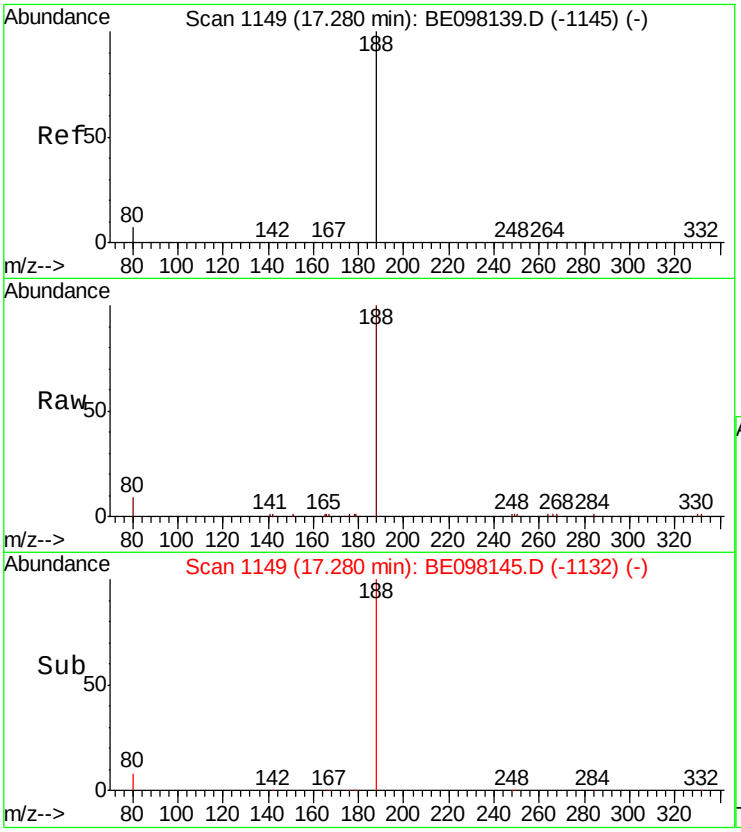


#18
Fluorene
Concen: 0.399 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:166 Resp: 4629

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.2	117.4
167	13.8	11.0	16.6



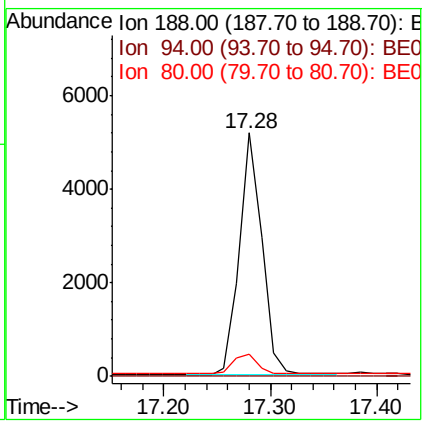


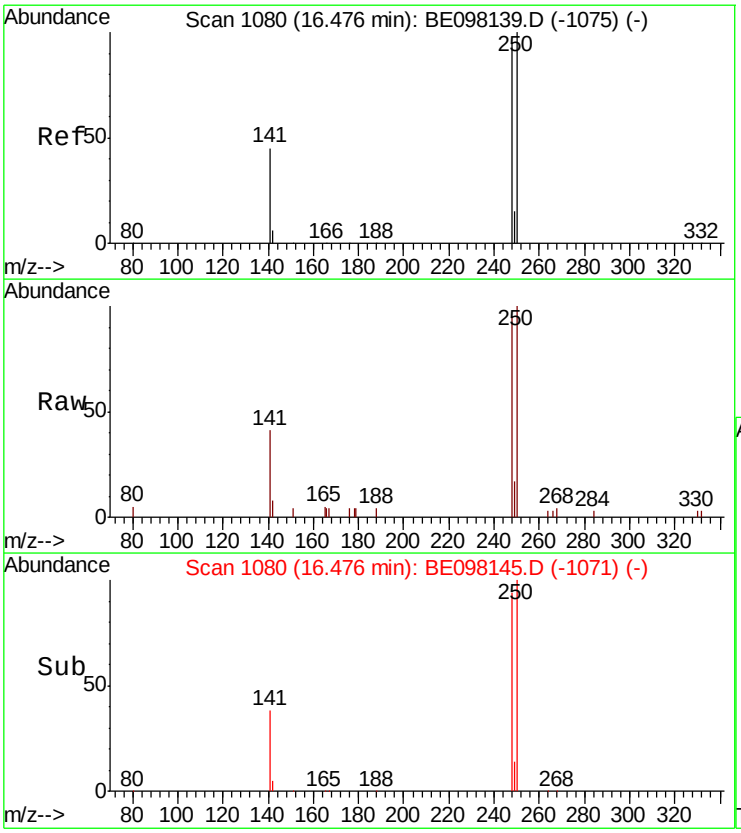
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7508

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5

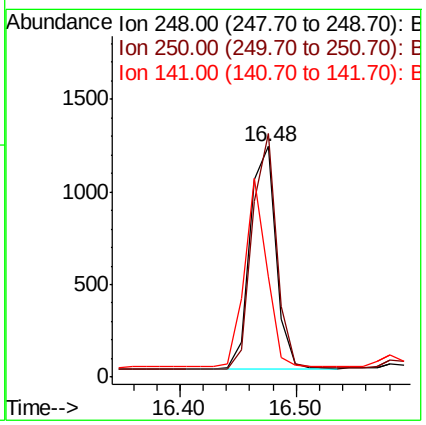


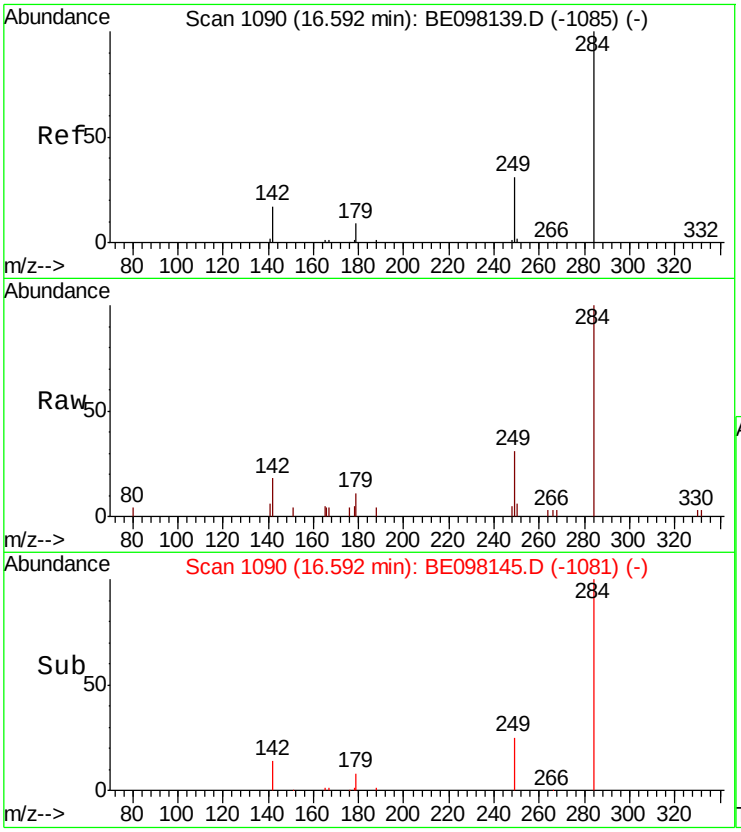


#20
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:248 Resp: 1891

Ion	Ratio	Lower	Upper
248	100		
250	105.6	75.1	112.7
141	43.6	51.8	77.8#



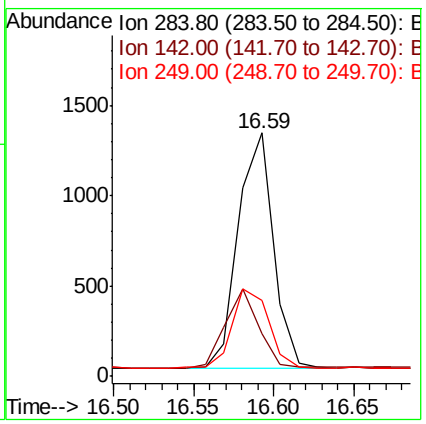


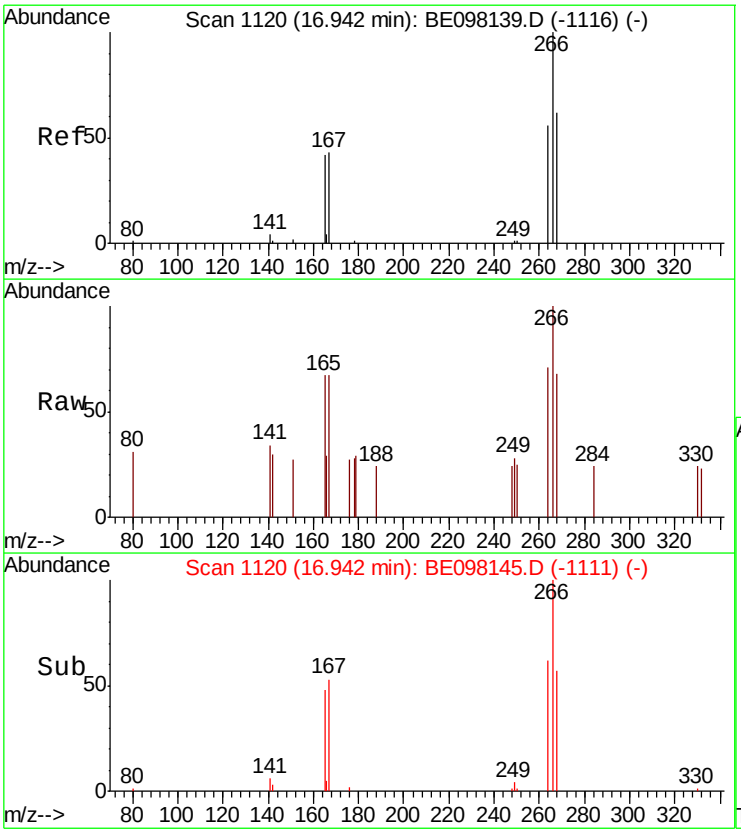
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1990

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.9	38.9
249	35.1	26.6	40.0

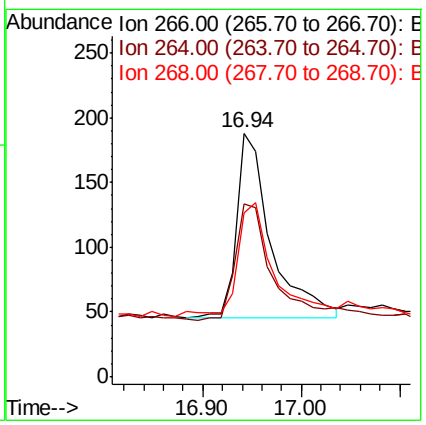


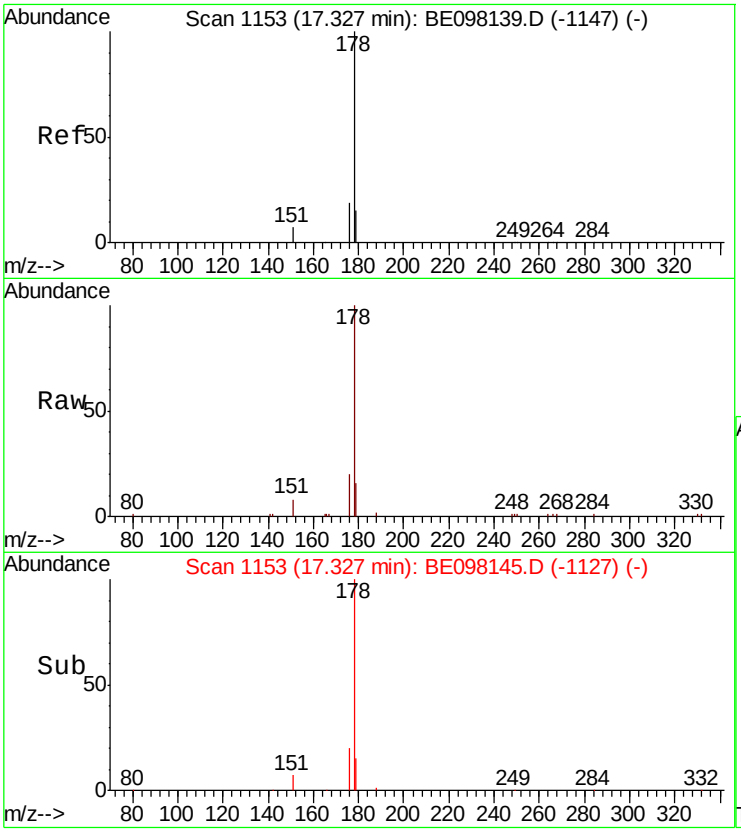


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:266 Resp: 348

Ion	Ratio	Lower	Upper
266	100		
264	70.7	51.3	76.9
268	67.6	50.1	75.1



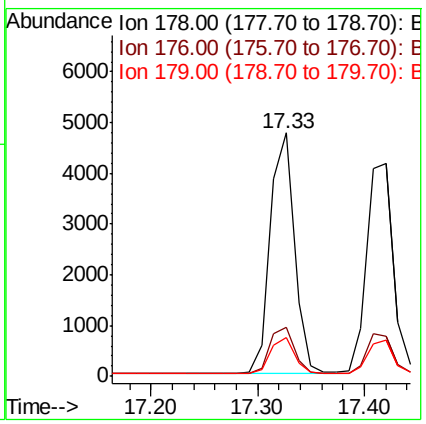


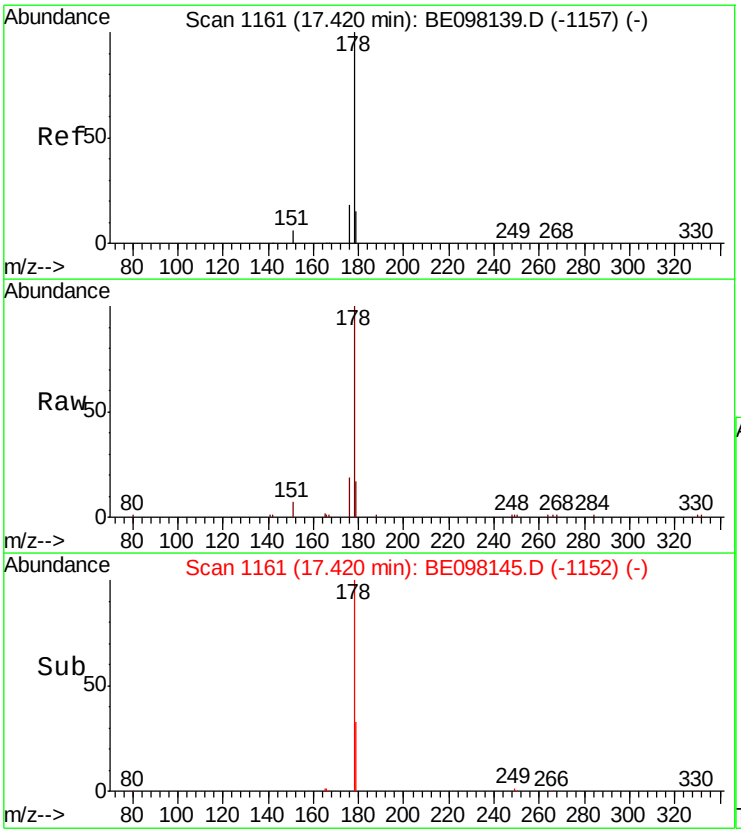
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7579

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	14.8	12.2	18.4

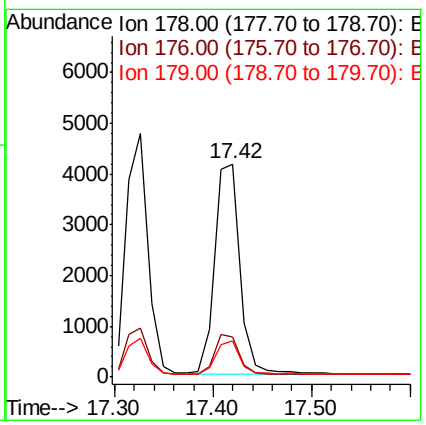


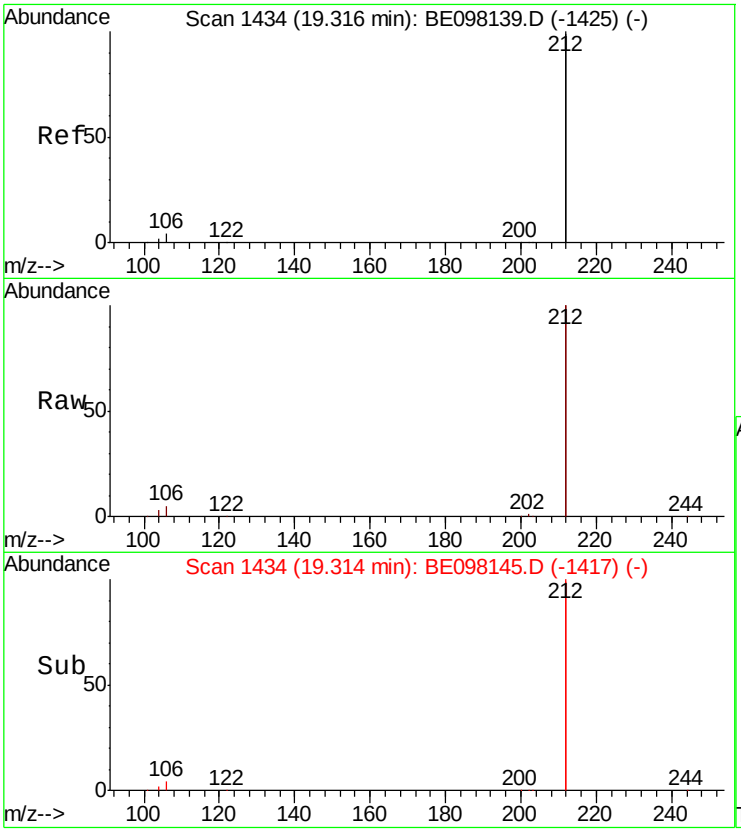


#24
Anthracene
Concen: 0.409 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:178 Resp: 7232

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	11.9	17.9



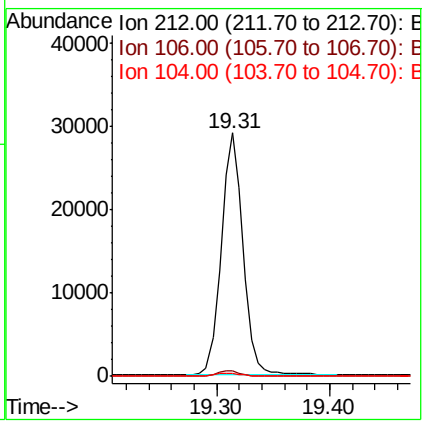


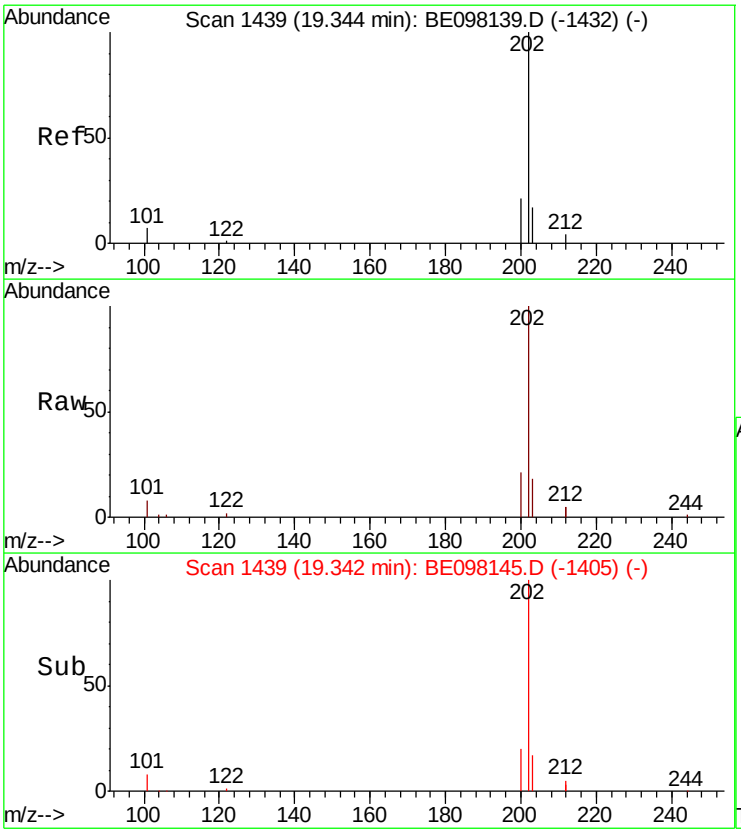
#25
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38814

Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.3	1.3	1.9#

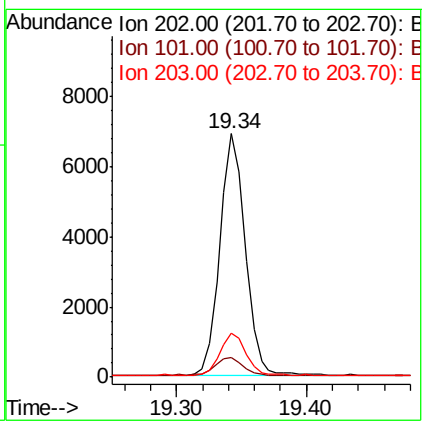


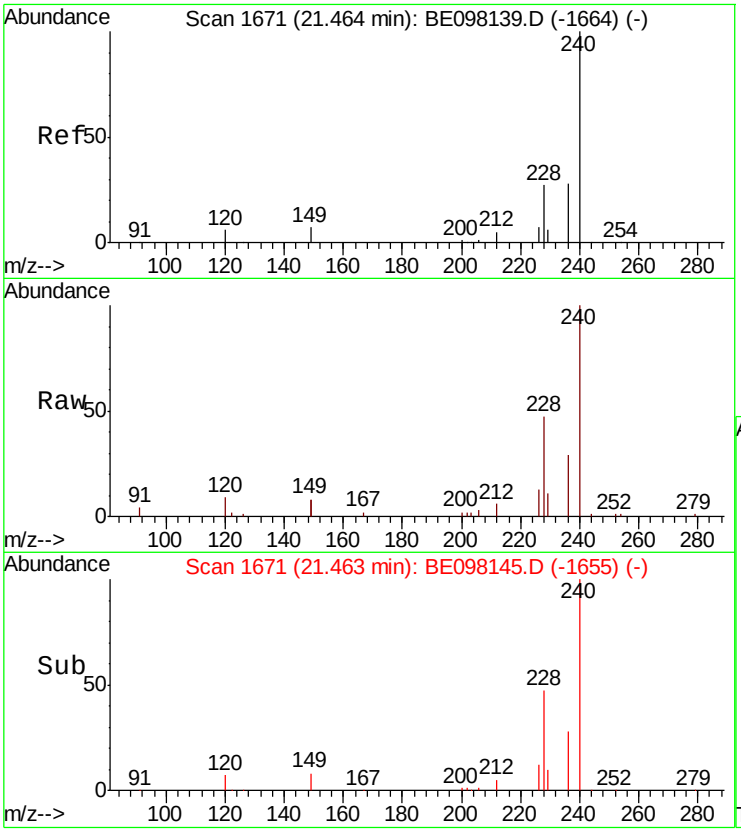


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:202 Resp: 9326

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.2	12.2
203	17.3	15.0	22.4



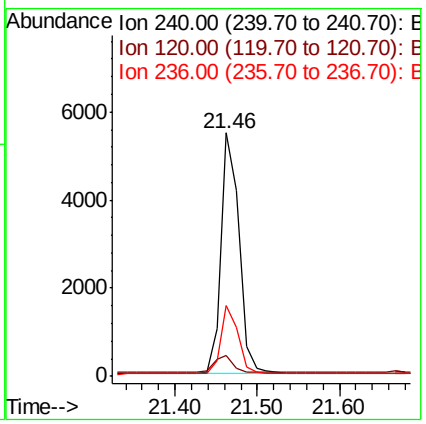


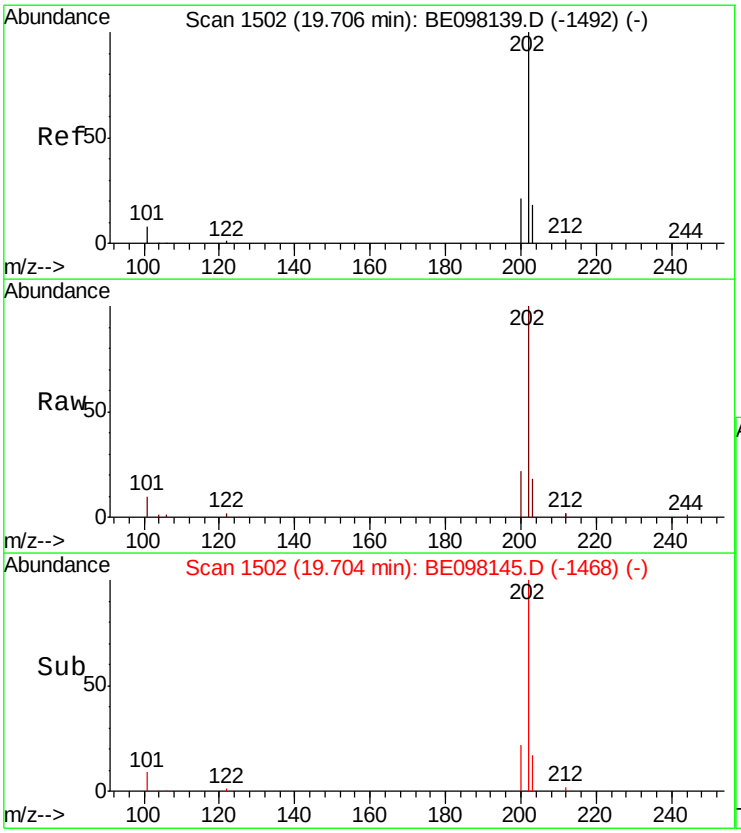
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8475

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	28.9	21.3	31.9

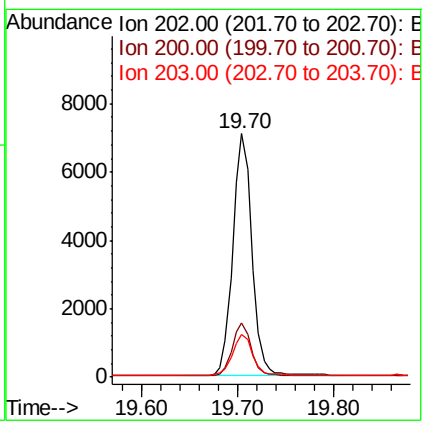


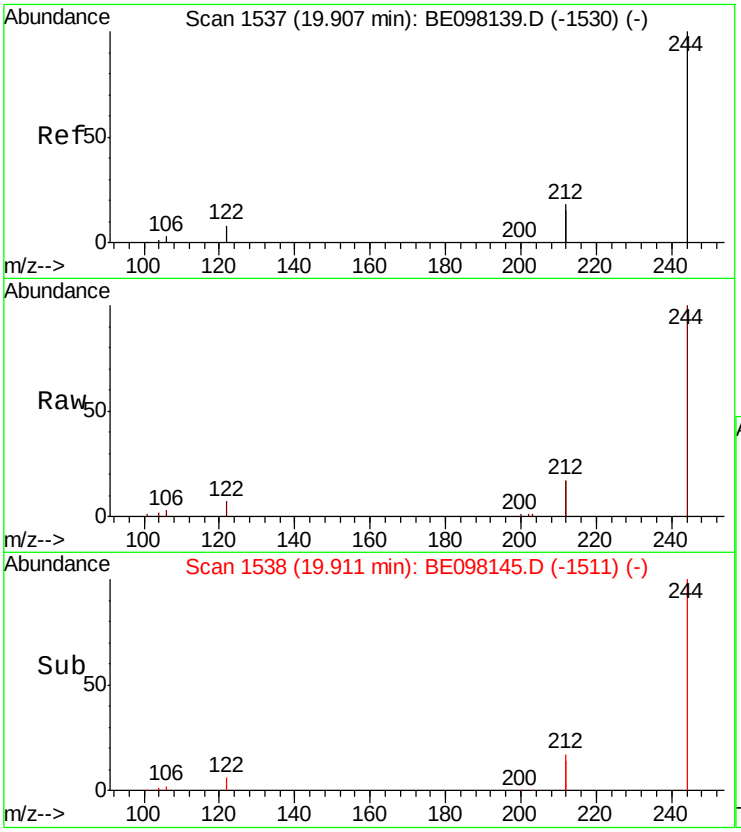


#28
Pyrene
Concen: 0.420 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:202 Resp: 9725

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.4



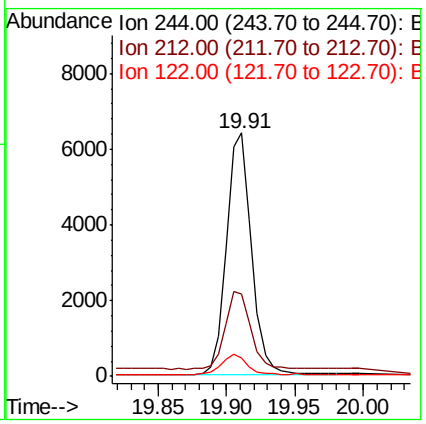


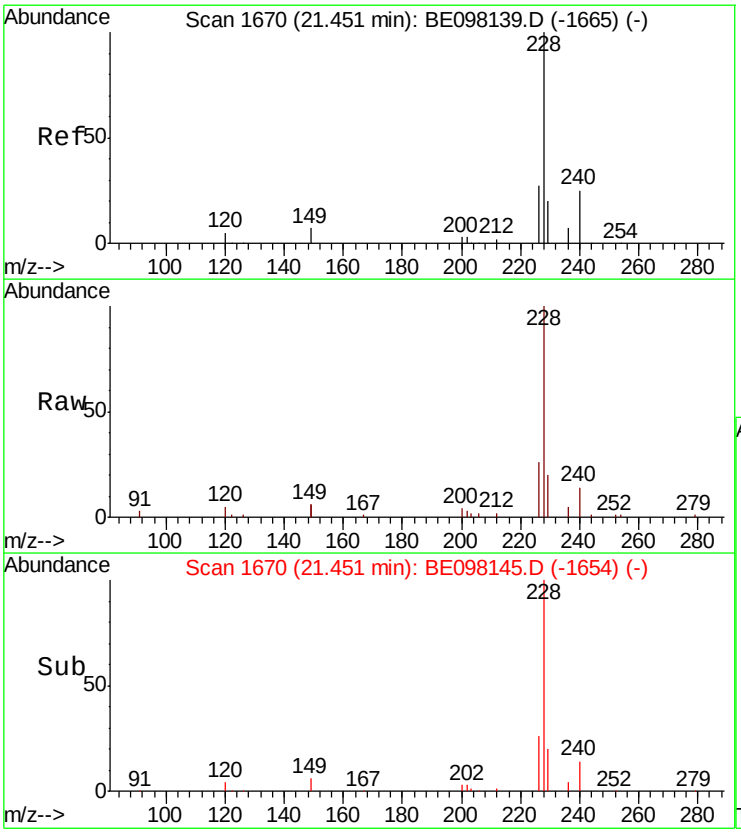
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.91 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8185

Ion	Ratio	Lower	Upper
244	100		
212	33.9	26.2	39.2
122	7.3	7.7	11.5#

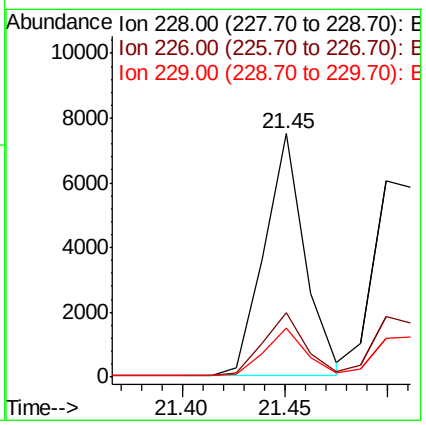


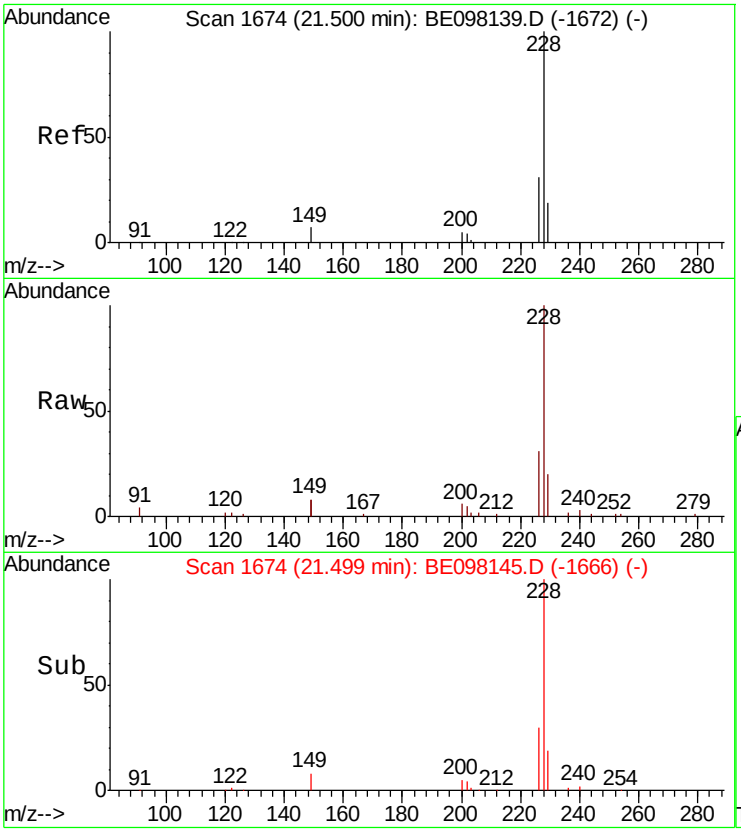


#30
Benzo(a)anthracene
Concen: 0.415 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:228 Resp: 10279

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	20.2	16.9	25.3



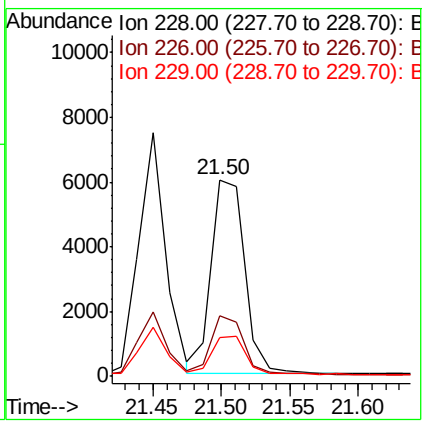


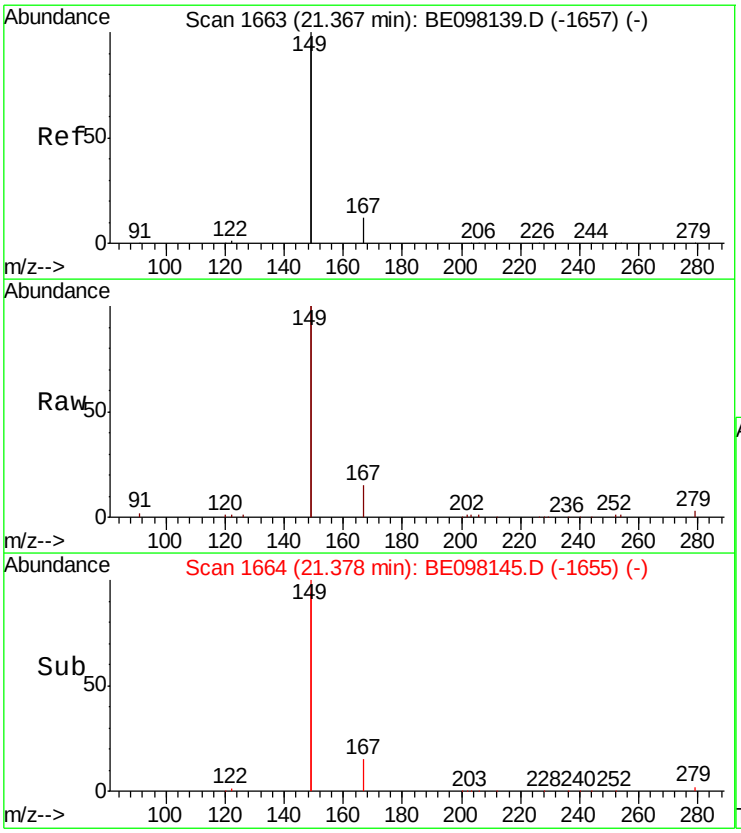
#31
Chrysene
Concen: 0.415 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10171

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.7	17.3	25.9

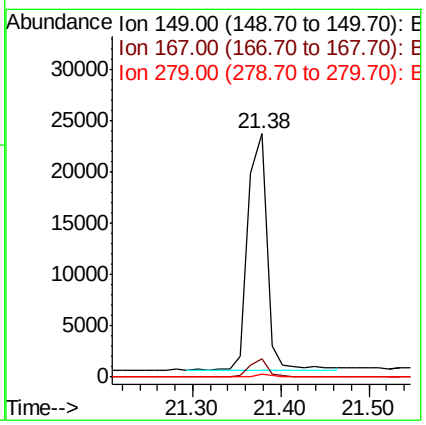


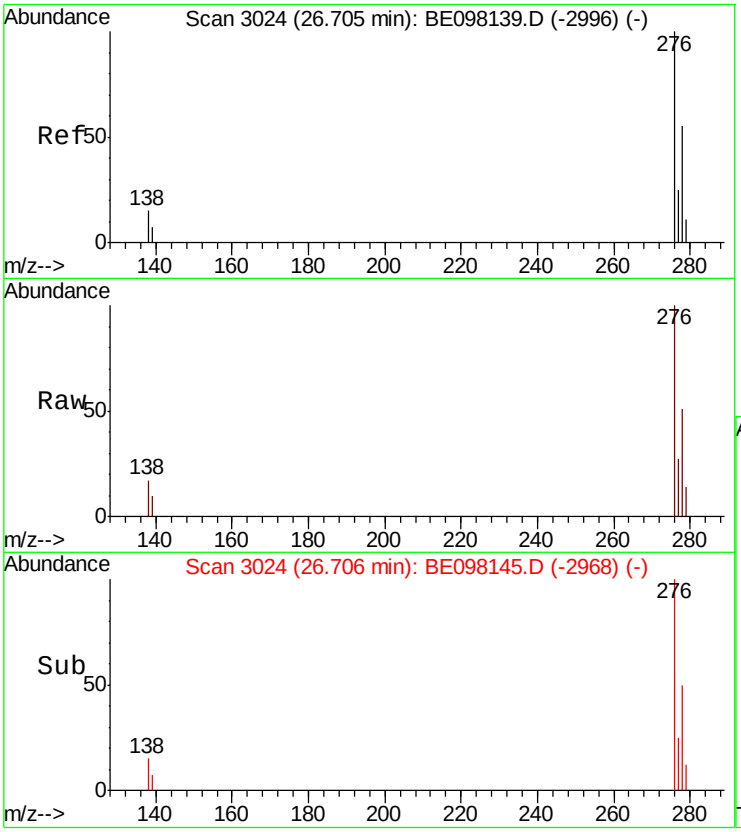


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.483 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:149 Resp: 34625

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.6	8.4
279	1.1	0.9	1.3



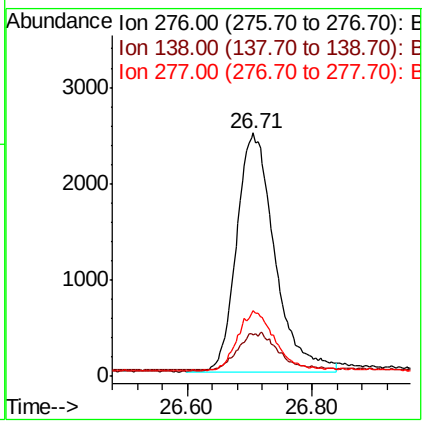


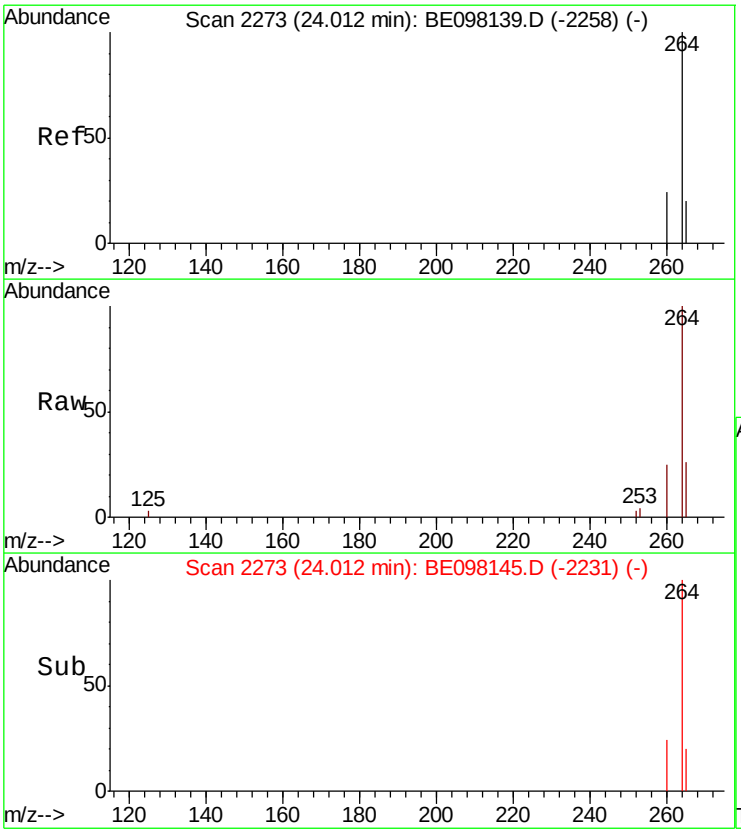
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 26.71 min Scan# 3024
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10483

Ion	Ratio	Lower	Upper
276	100		
138	6.7	17.0	25.6#
277	24.3	20.5	30.7

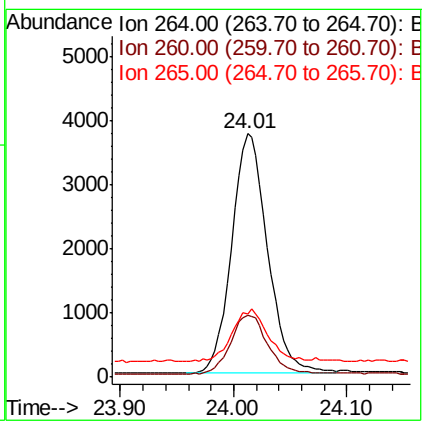


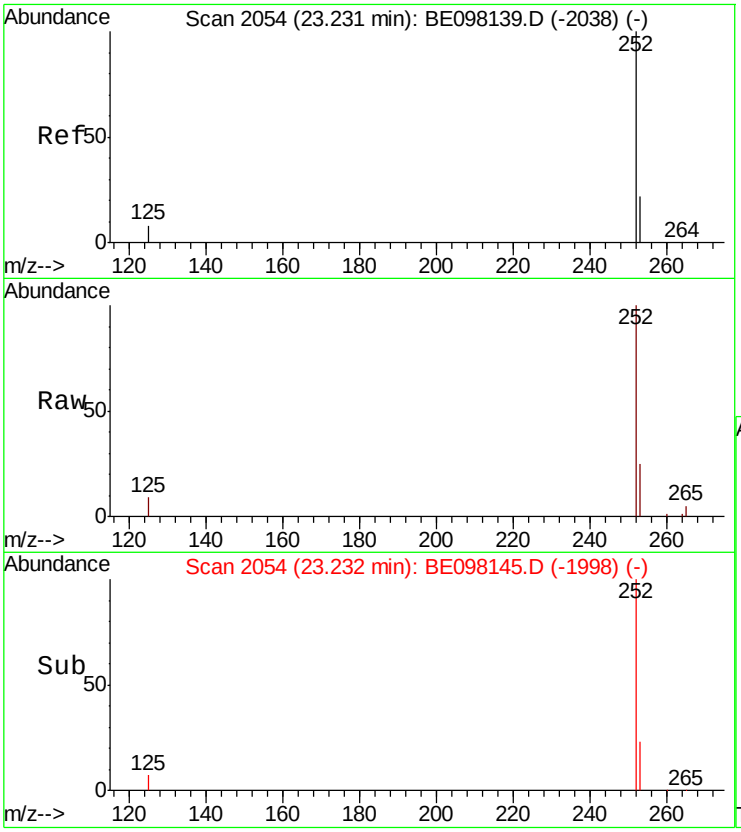


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:264 Resp: 8226

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	26.1	29.2	43.8#



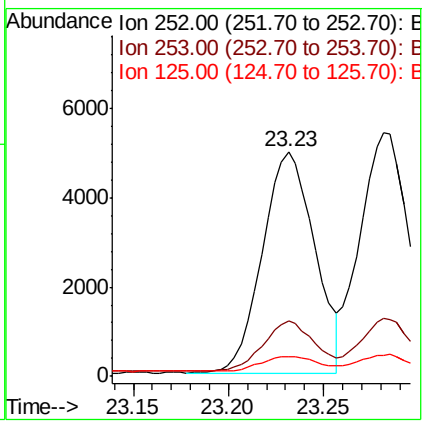


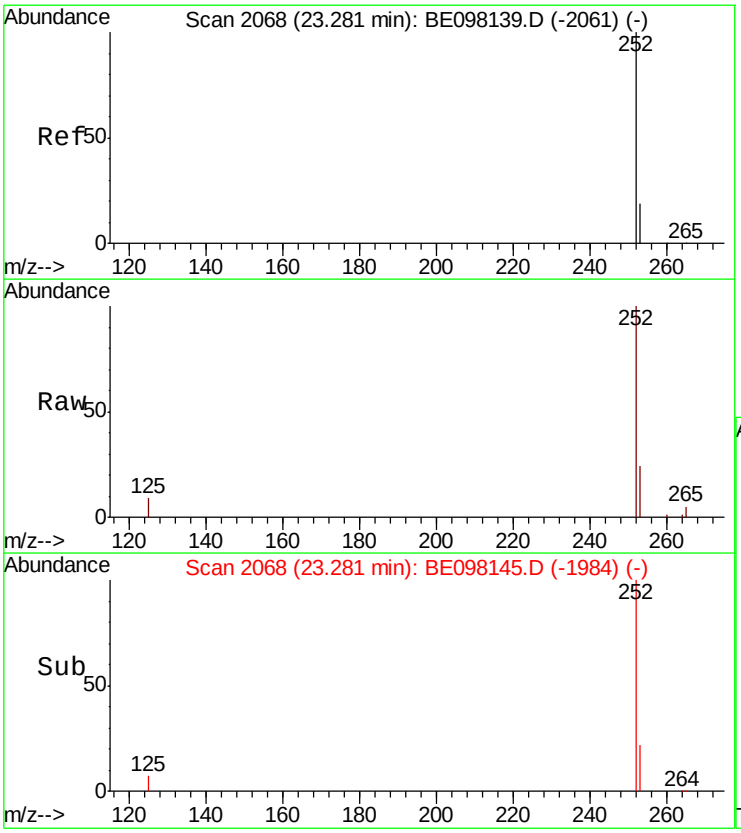
#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9468

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	31.0
125	8.7	14.3	21.5#

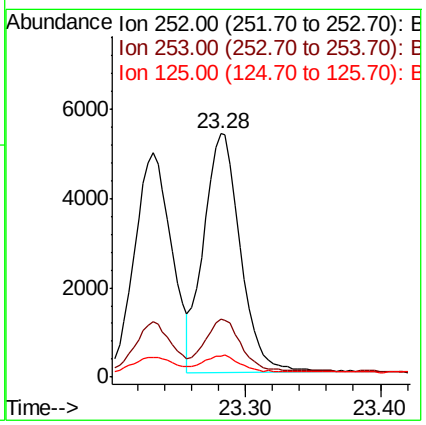


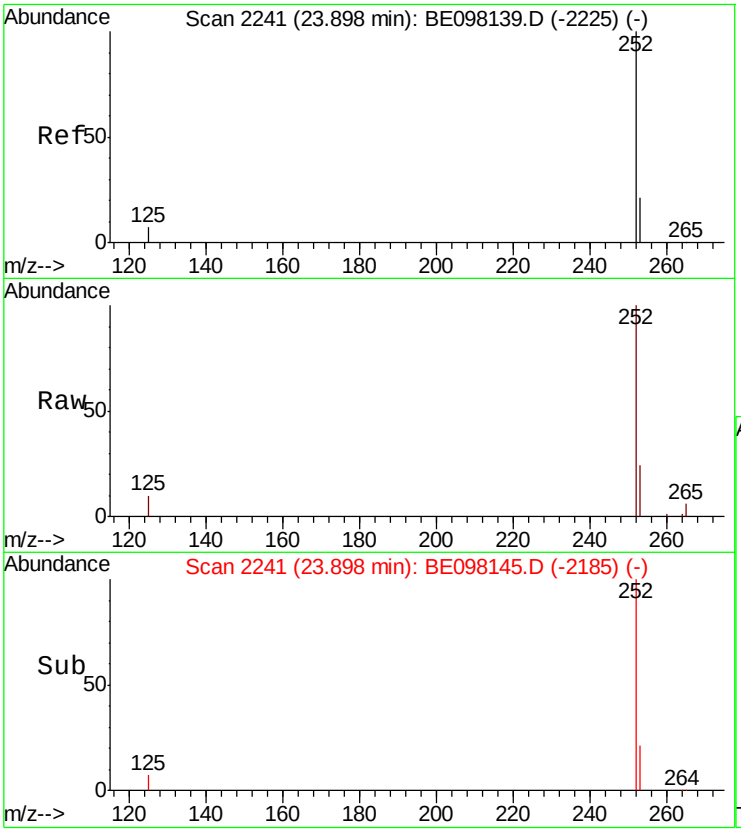


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:252 Resp: 10079

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.4	30.6
125	8.7	14.6	21.8#



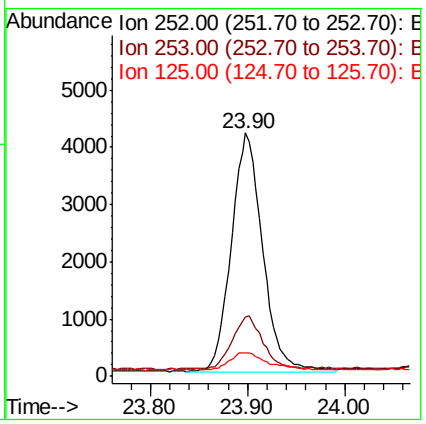


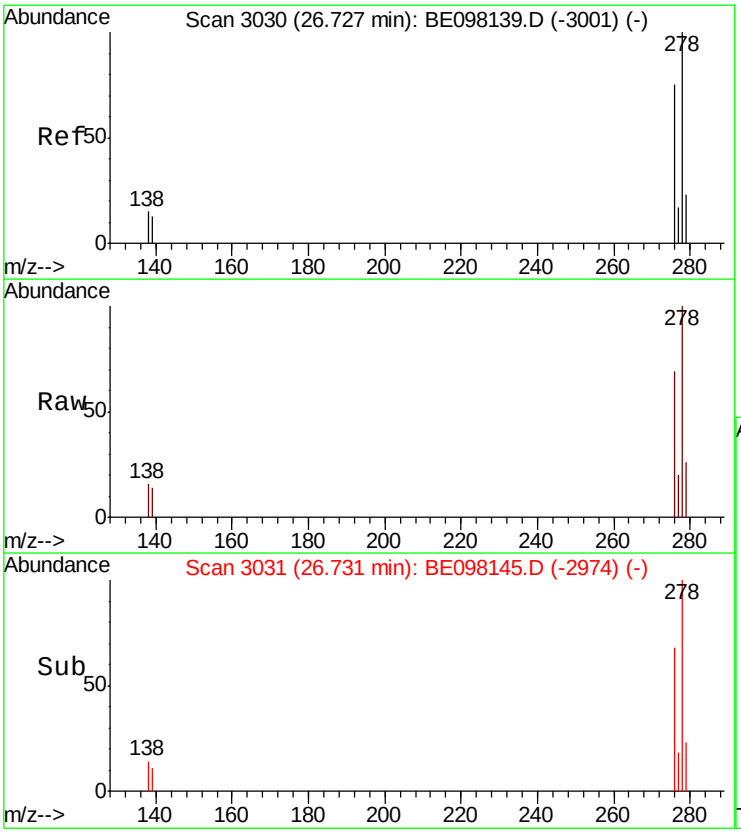
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9332

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	31.0
125	9.8	15.6	23.4#

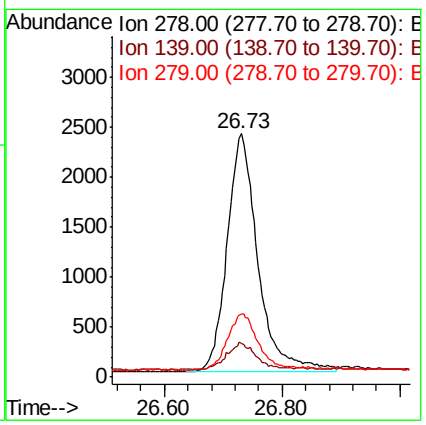


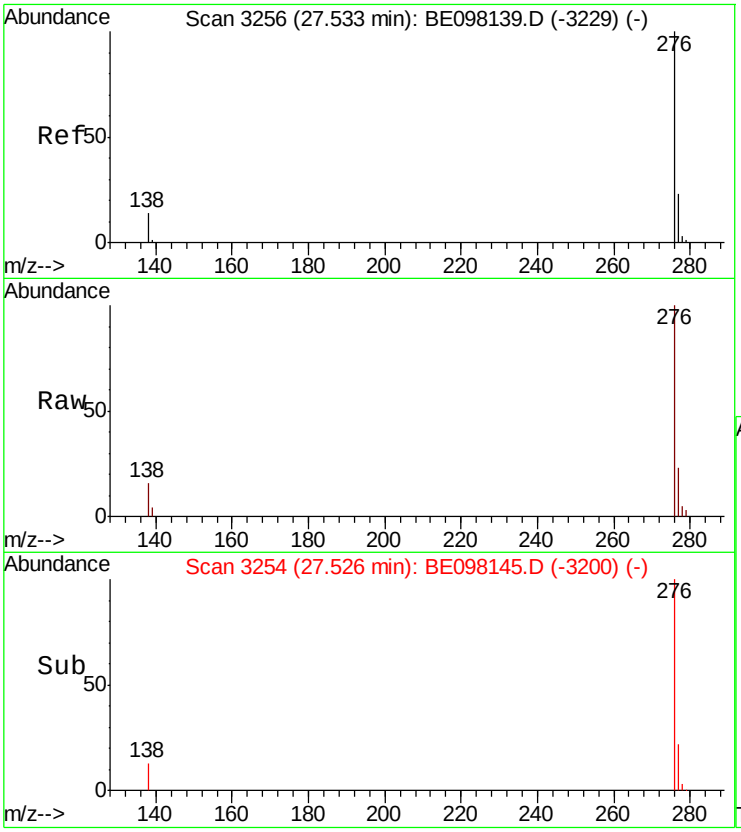


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Tgt Ion:278 Resp: 8725

Ion	Ratio	Lower	Upper
278	100		
139	14.1	16.3	24.5#
279	25.8	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BE098145.D
Acq: 1 Nov 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8744

Ion	Ratio	Lower	Upper
276	100		
277	23.5	22.1	33.1
138	16.2	19.3	28.9#