Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098155.D
Acq On : 5 Nov 2018 11:01
Operator : SJ/JU
Sample : PB114428BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 05 12:12:42 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	969	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4519	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2898	0.40	ng		-0.01
19) Phenanthrene-d10	17.28	188	6939	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8131	0.40	ng		0.00
34) Perylene-d12	24.01	264	8051	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1148	0.40	ng		0.00
5) Phenol-d6	7.04	99	1716	0.36	ng		0.00
8) Nitrobenzene-d5	9.02	82	1779	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.27	152	3297	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	434	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5028	0.42	ng		0.00
25) Fluoranthene-d10	19.31	212	36032	0.40	ng		0.00
29) Terphenyl-d14	19.91	244	7788	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	606	0.419	ng		97
3) n-Nitrosodimethylamine	3.69	42	819	0.424	ng	#	72
6) bis(2-Chloroethyl)ether	7.29	93	1334	0.385	ng		88
9) Naphthalene	10.72	128	18827	0.417	ng		99
10) Hexachlorobutadiene	11.00	225	1256	0.424	ng		97
12) 2-Methylnaphthalene	12.34	142	3320	0.412	ng		93
16) Acenaphthylene	14.26	152	5672	0.429	ng		98
17) Acenaphthene	14.60	154	3451	0.435	ng		99
18) Fluorene	15.58	166	4515	0.429	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	1817	0.429	ng	#	82
21) Hexachlorobenzene	16.59	284	1877	0.424	ng		96
22) Pentachlorophenol	16.94	266	315	0.375	ng		88
23) Phenanthrene	17.33	178	7205	0.419	ng		100
24) Anthracene	17.41	178	6797	0.416	ng		99
26) Fluoranthene	19.34	202	8874	0.412	ng		96
28) Pyrene	19.71	202	9239	0.416	ng		99
30) Benzo(a)anthracene	21.45	228	9584	0.403	ng		98
31) Chrysene	21.50	228	9672	0.411	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	18690	0.205	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	9678	0.396	ng	#	94
35) Benzo(b)fluoranthene	23.23	252	8961	0.395	ng	#	90
36) Benzo(k)fluoranthene	23.28	252	9452	0.403	ng	#	89
37) Benzo(a)pyrene	23.90	252	8784	0.397	ng	#	90
38) Dibenzo(a,h)anthracene	26.73	278	7782	0.377	ng	#	92
39) Benzo(g,h,i)perylene	27.53	276	8127	0.395	ng	#	91

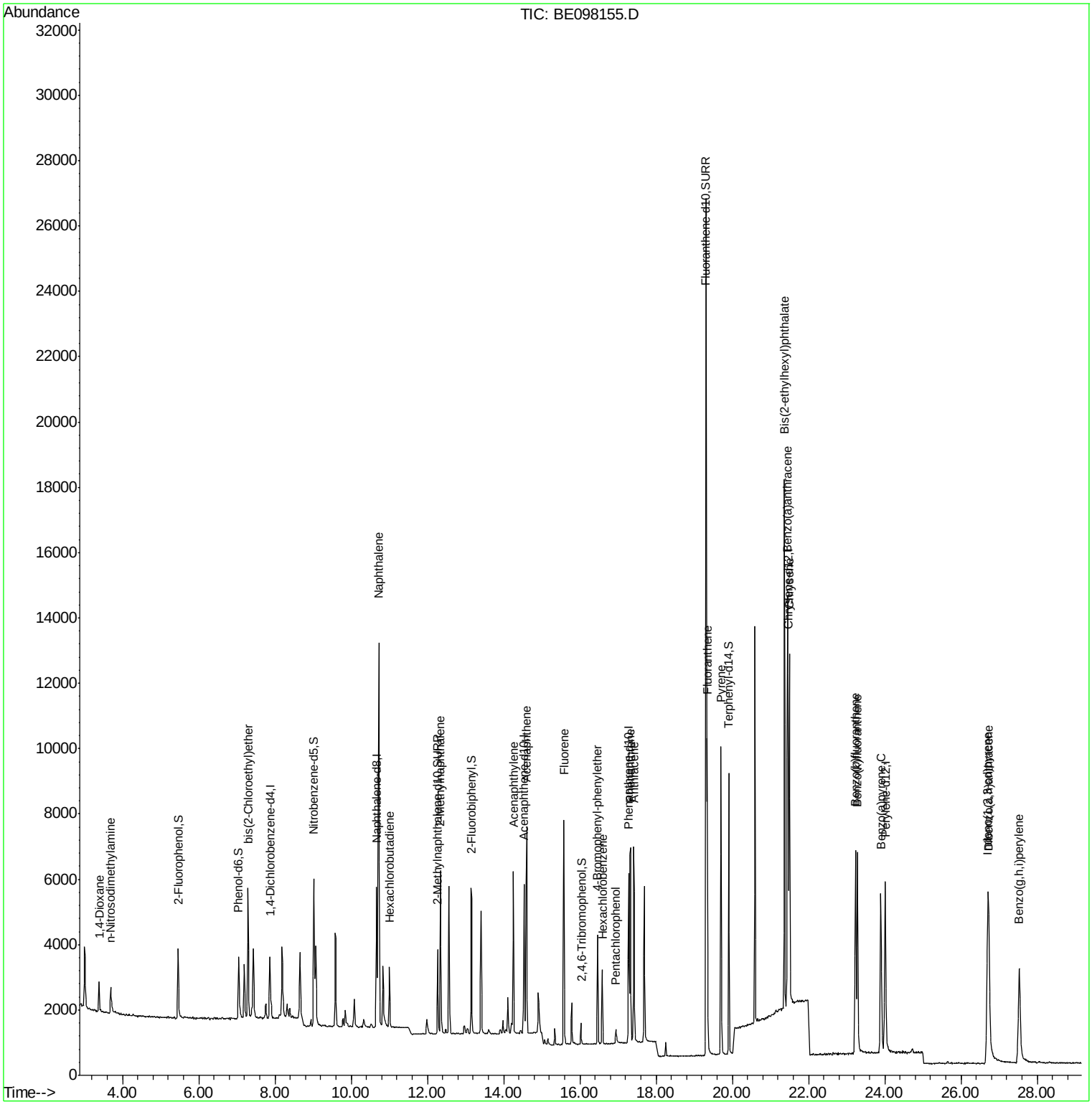
(#) = qualifier out of range (m) = manual integration (+) = signals summed

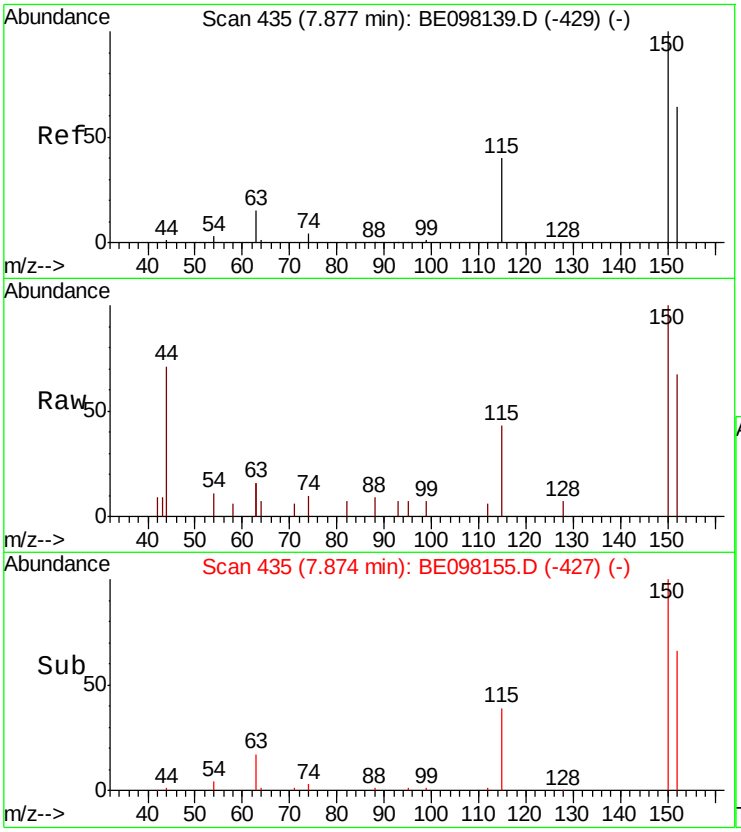
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098155.D
Acq On : 5 Nov 2018 11:01
Operator : SJ/JU
Sample : PB114428BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 12:12:42 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



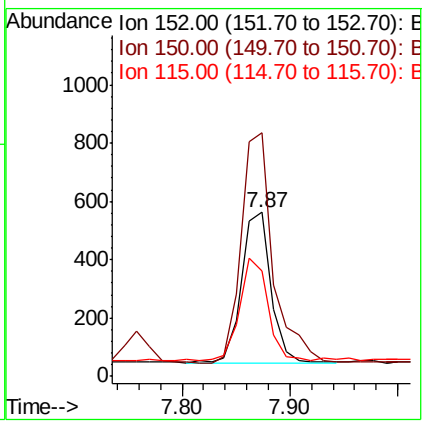


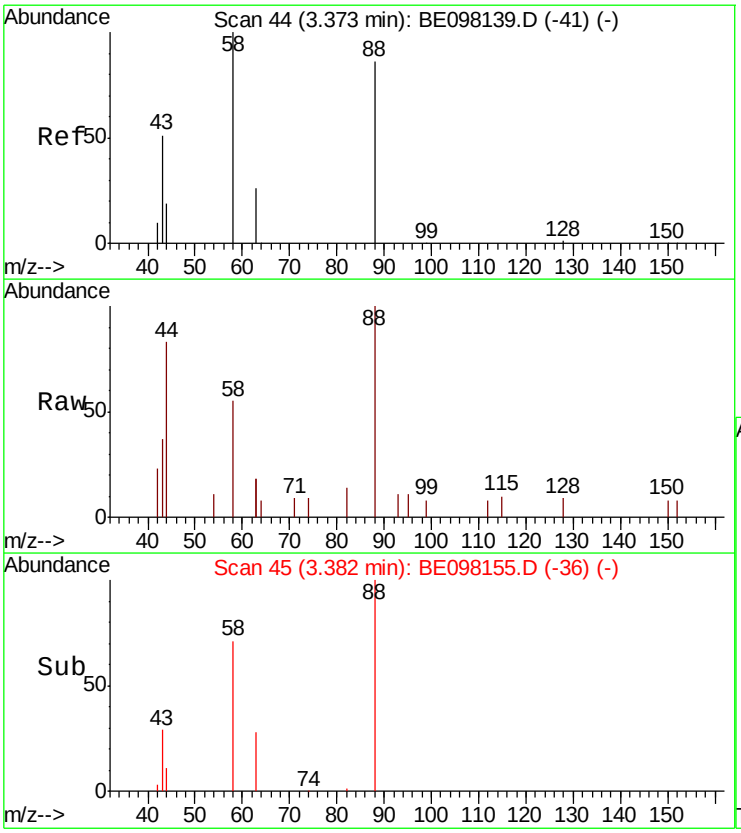
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 969

Ion	Ratio	Lower	Upper
152	100		
150	148.6	118.2	177.4
115	64.4	50.9	76.3

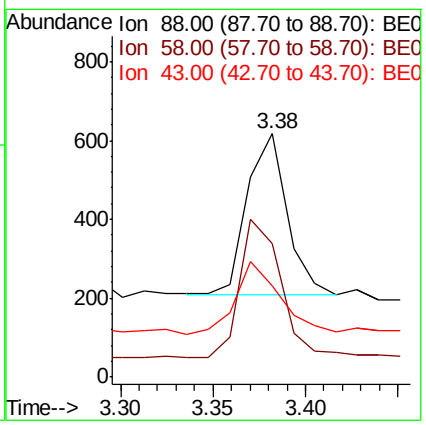


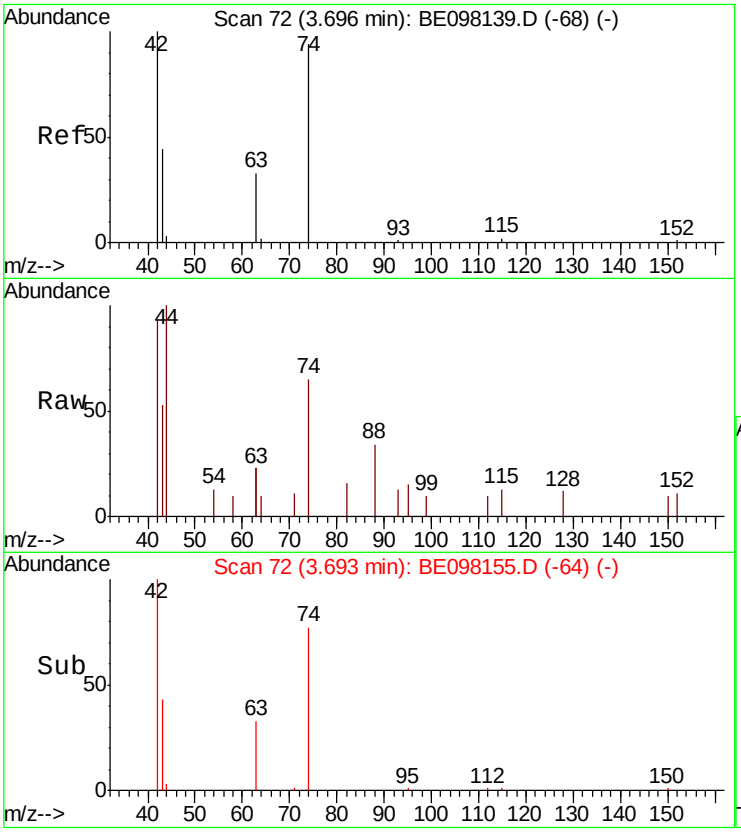


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion: 88 Resp: 606

Ion	Ratio	Lower	Upper
88	100		
58	90.8	73.2	109.8
43	51.0	36.9	55.3



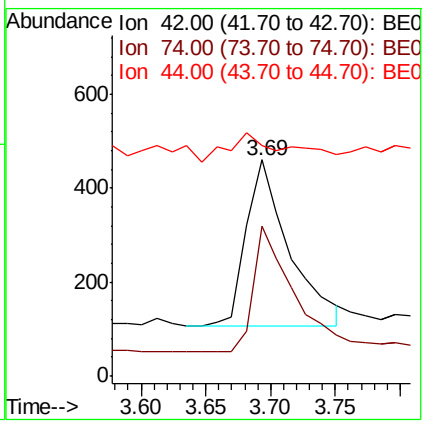


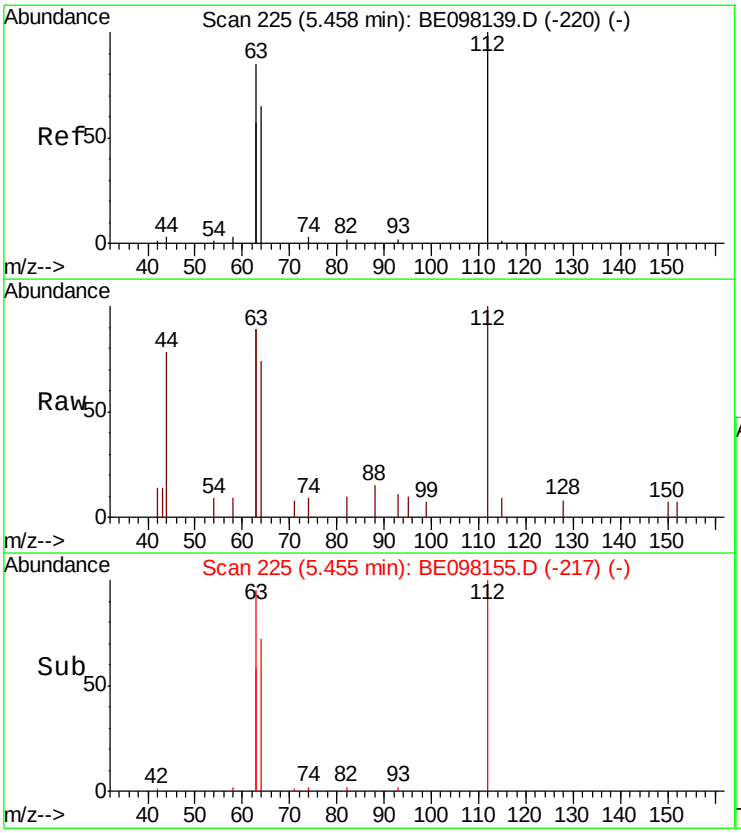
#3
n-Nitrosodimethylamine
Concen: 0.424 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 819

Ion	Ratio	Lower	Upper
42	100		
74	70.1	77.6	116.4#
44	23.6	7.6	11.4#

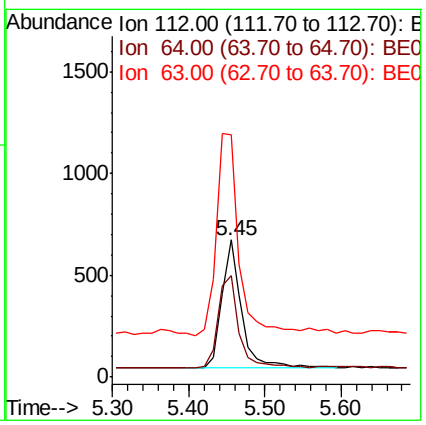


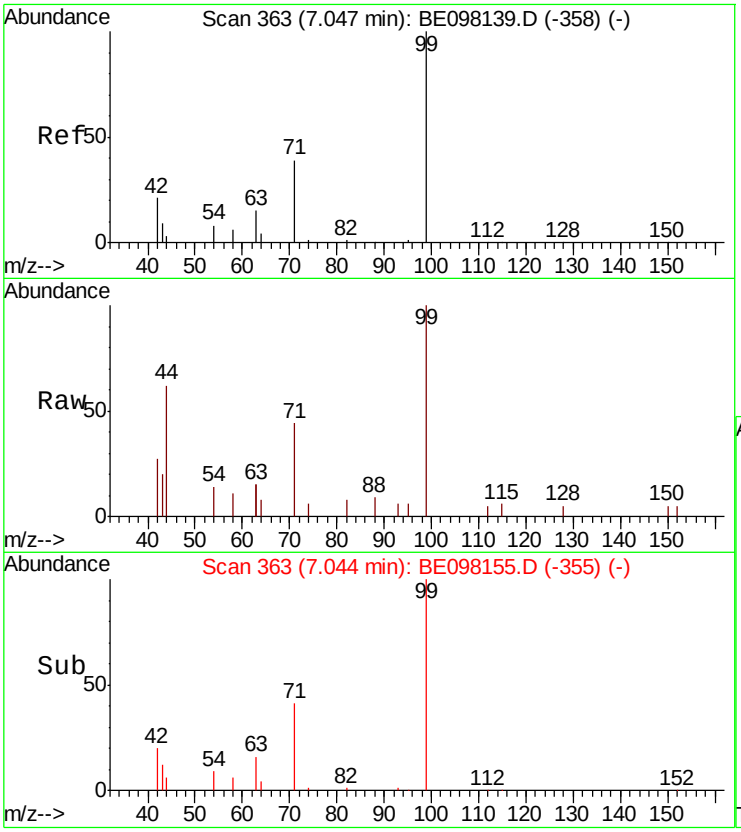


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:112 Resp: 1148

Ion	Ratio	Lower	Upper
112	100		
64	75.3	58.9	88.3
63	178.3	120.3	180.5



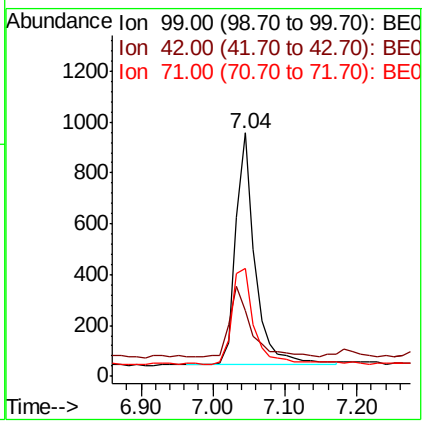


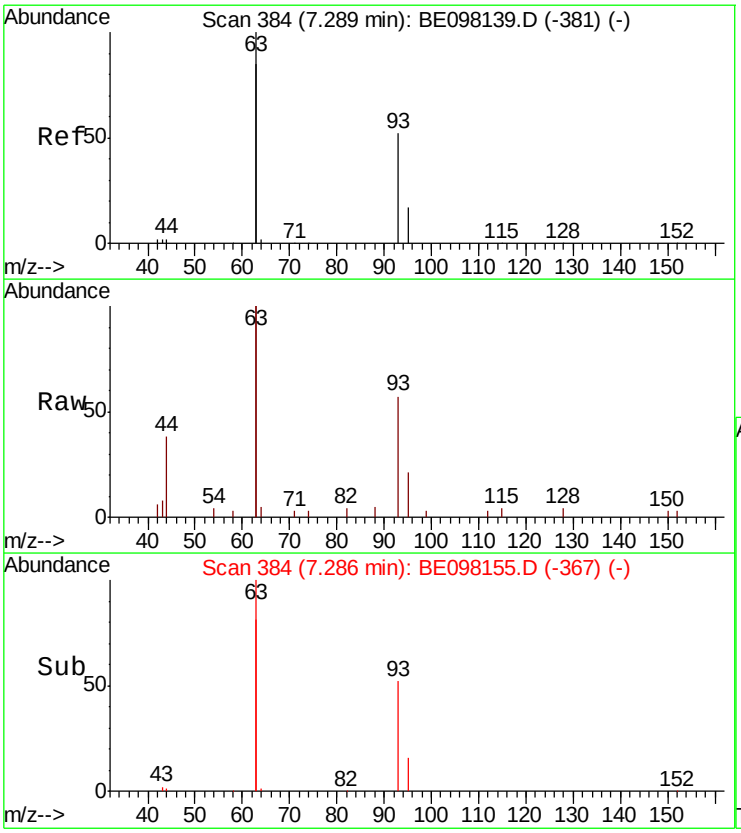
#5
Phenol-d6
Concen: 0.362 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1716

Ion	Ratio	Lower	Upper
99	100		
42	33.8	19.9	29.9#
71	49.0	27.8	41.8#

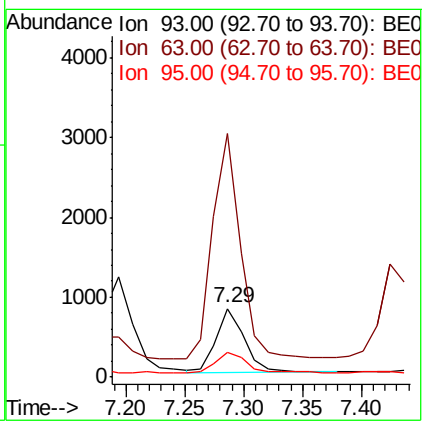


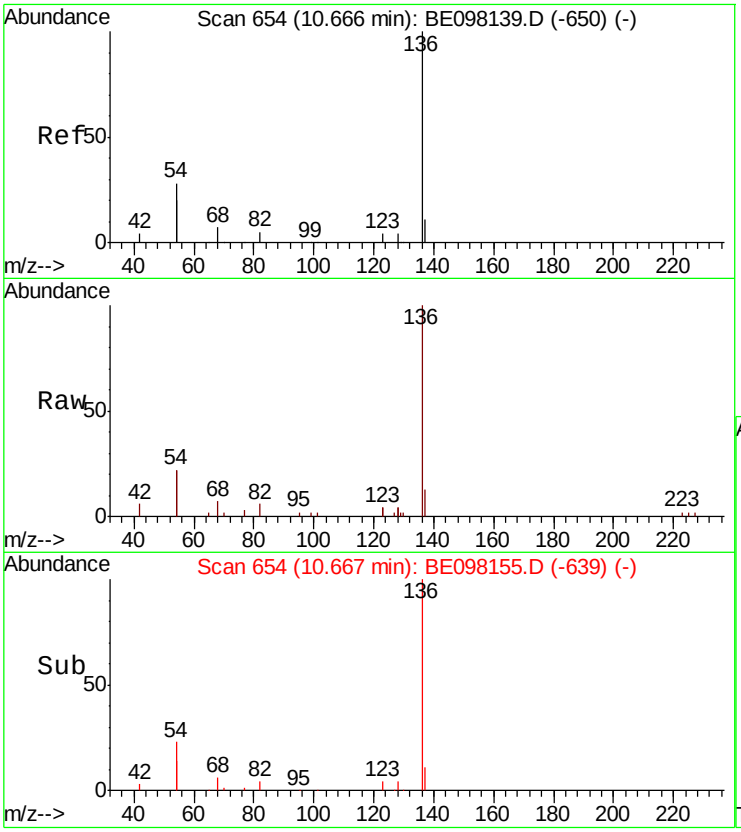


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion: 93 Resp: 1334

Ion	Ratio	Lower	Upper
93	100		
63	349.4	259.0	388.4
95	33.2	27.8	41.8



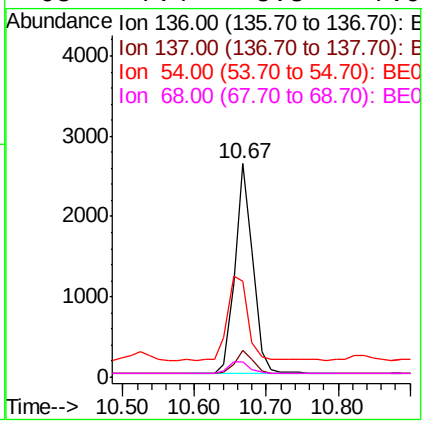


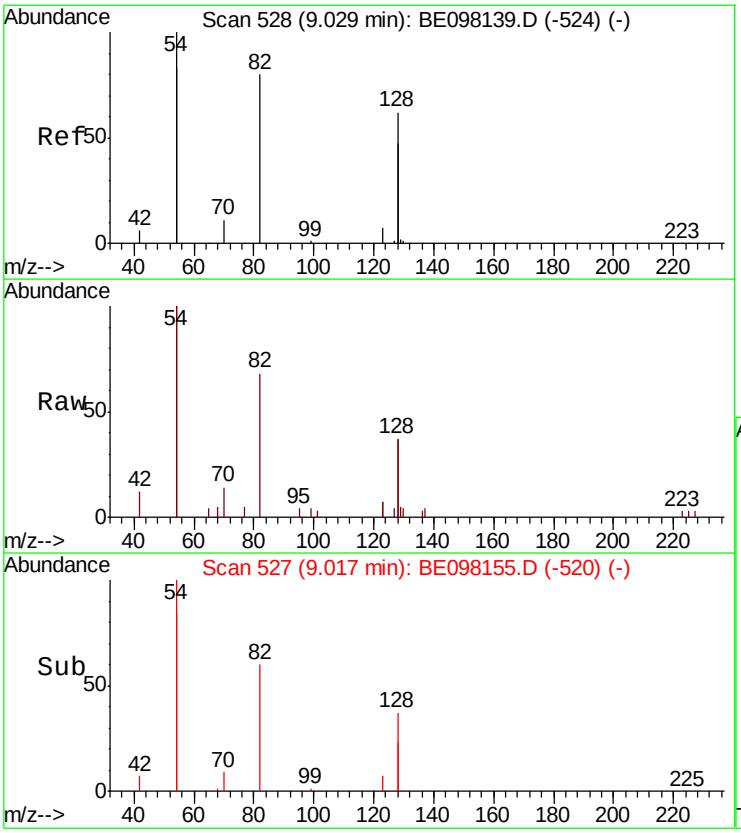
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4519

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	44.7	27.7	41.5#
68	7.4	5.3	7.9

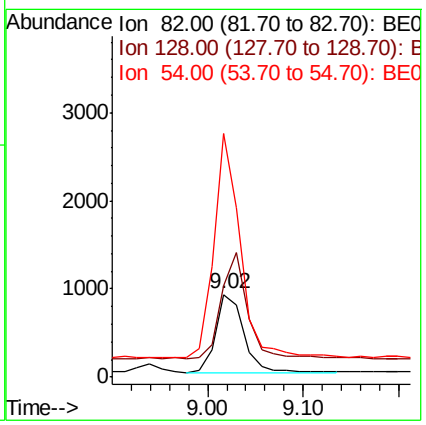


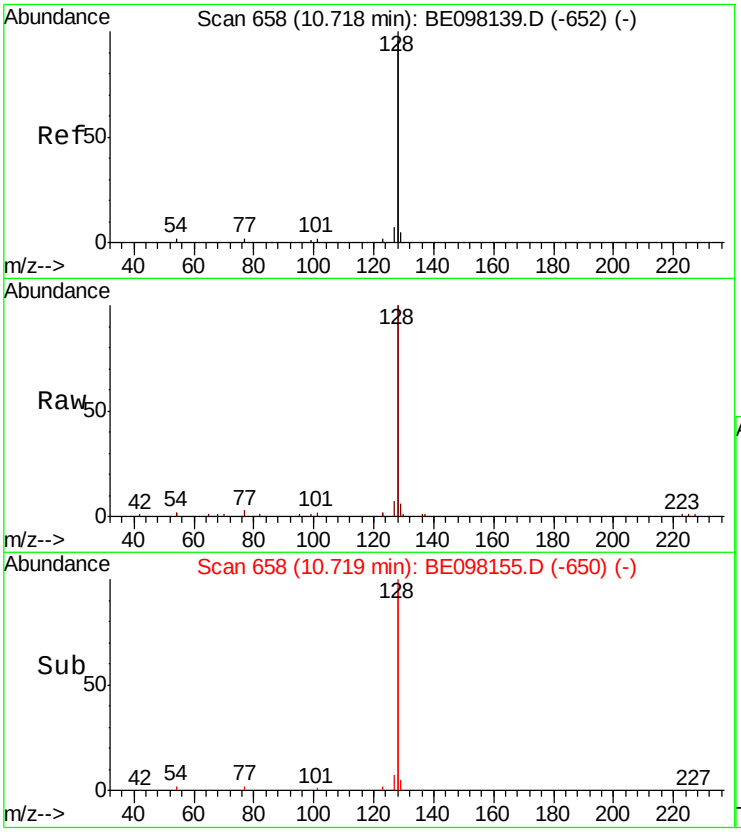


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion: 82 Resp: 1779

Ion	Ratio	Lower	Upper
82	100		
128	110.4	129.9	194.9#
54	294.8	174.0	261.0#



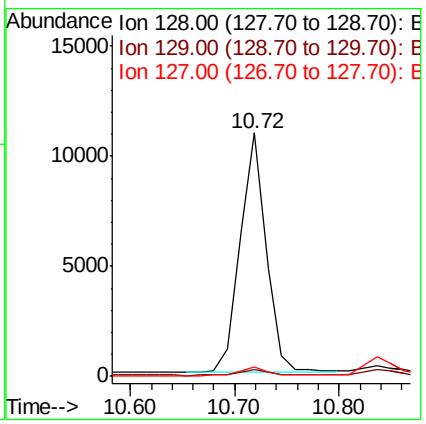


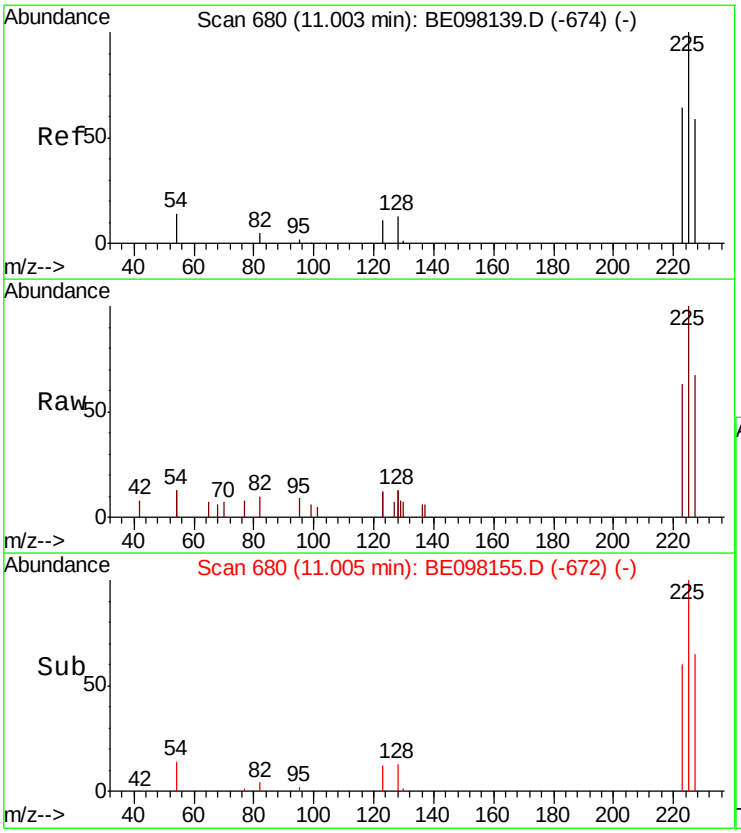
#9
Naphthalene
Concen: 0.417 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 18827

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.7	2.8	4.2

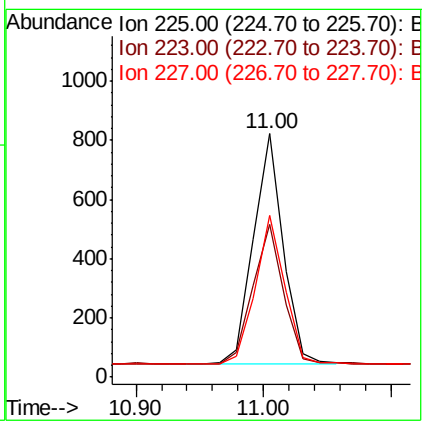


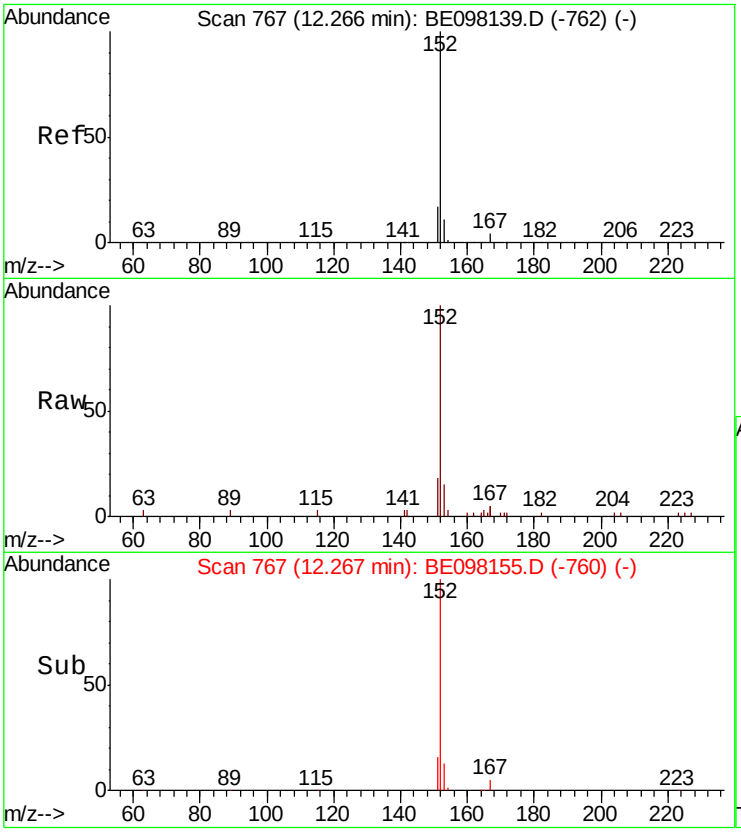


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:225 Resp: 1256

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.8	77.8
227	63.7	53.0	79.6



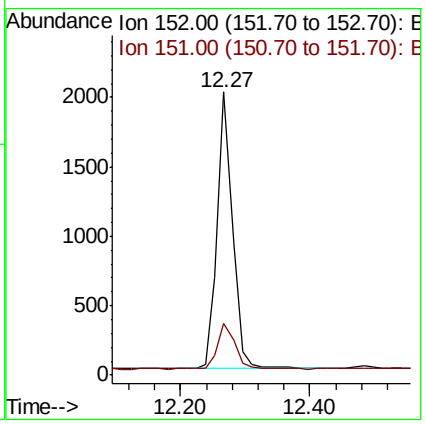


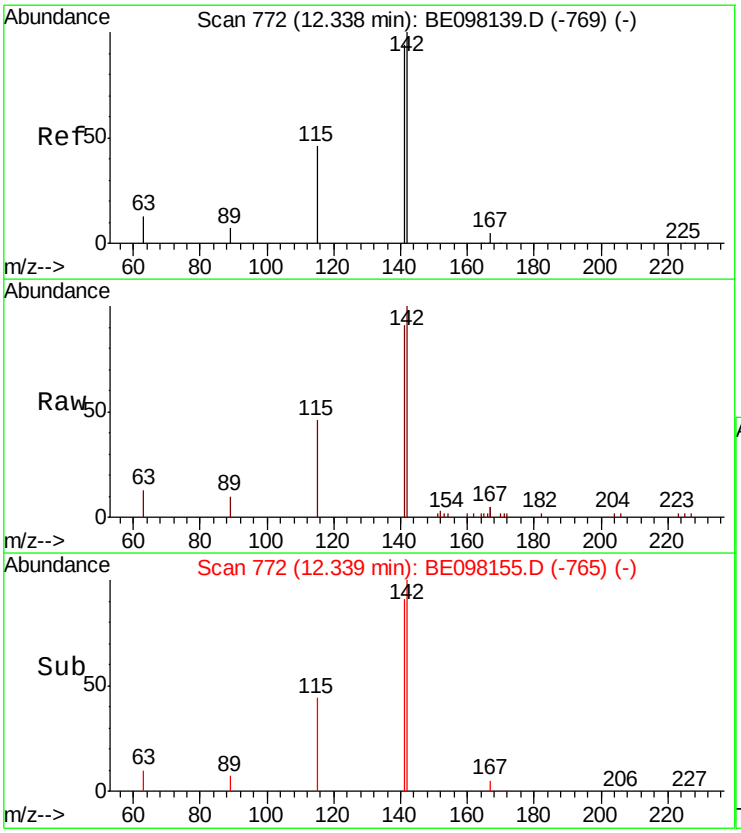
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3297

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.2	24.4

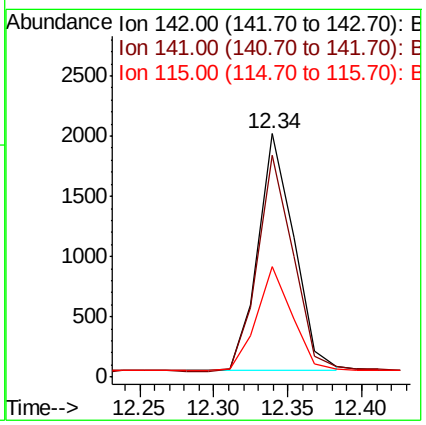


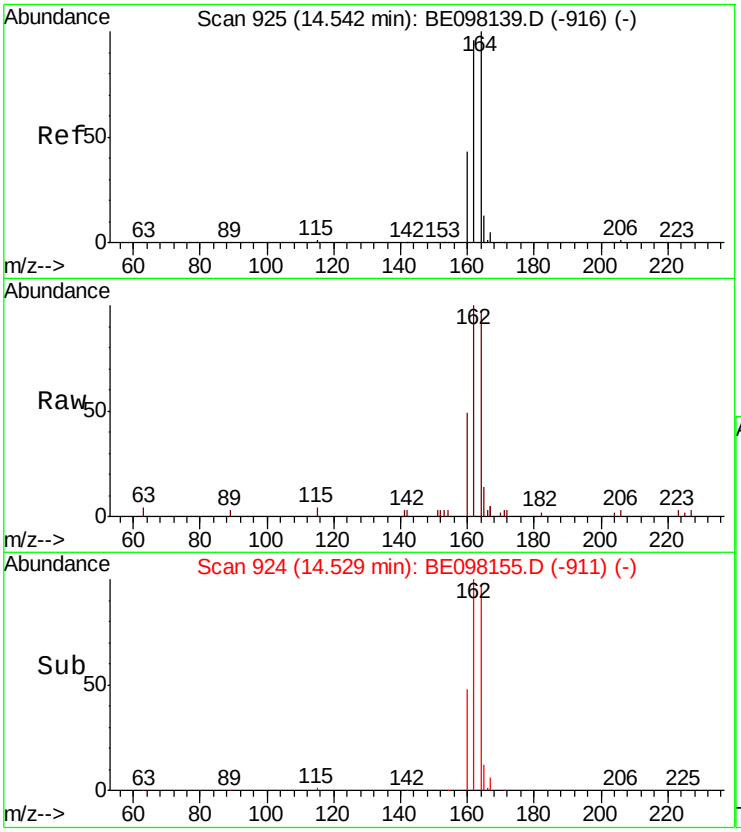


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:142 Resp: 3320

Ion	Ratio	Lower	Upper
142	100		
141	91.1	69.8	104.6
115	45.6	30.5	45.7



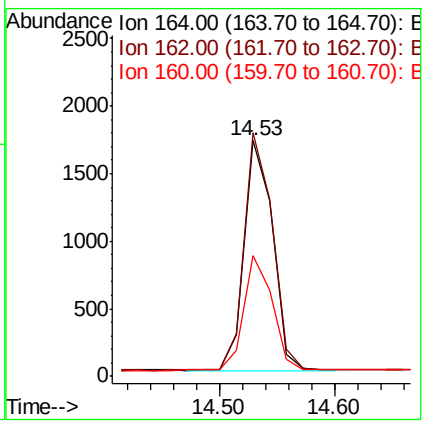


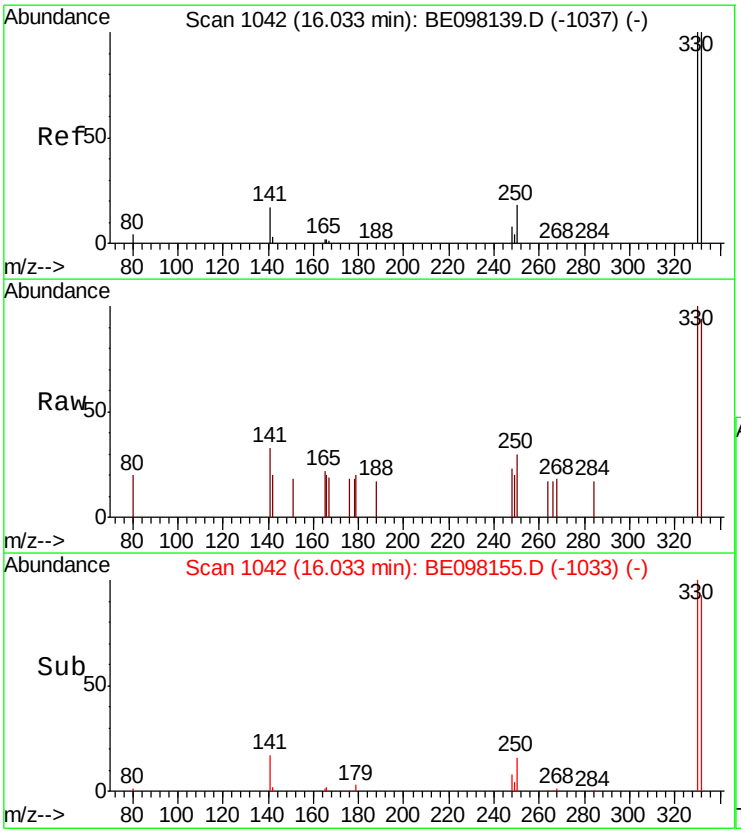
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2898

Ion	Ratio	Lower	Upper
164	100		
162	103.4	77.4	116.2
160	51.1	36.5	54.7

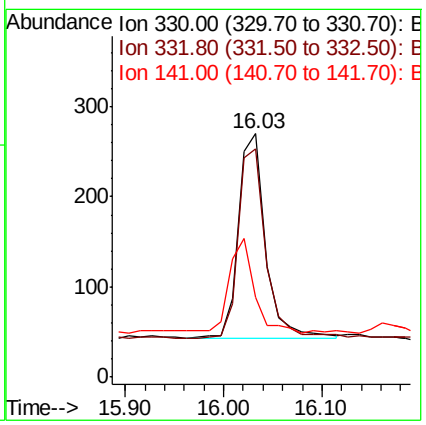


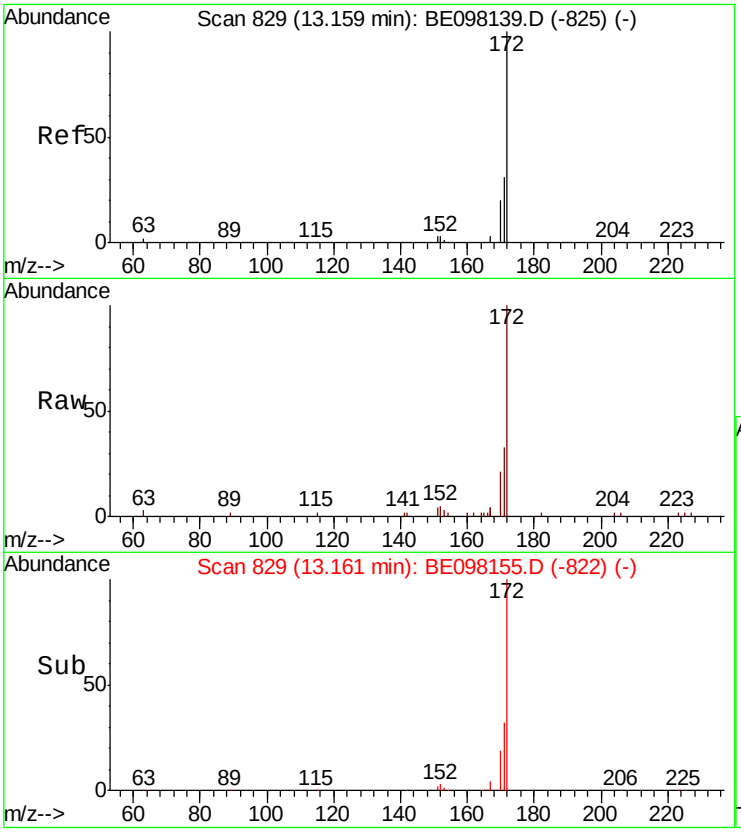


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:330 Resp: 434

Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.5	114.7
141	41.2	31.8	47.6



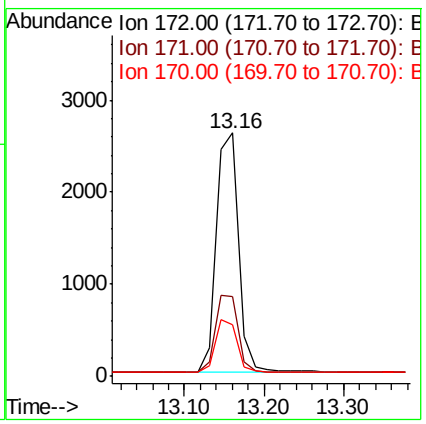


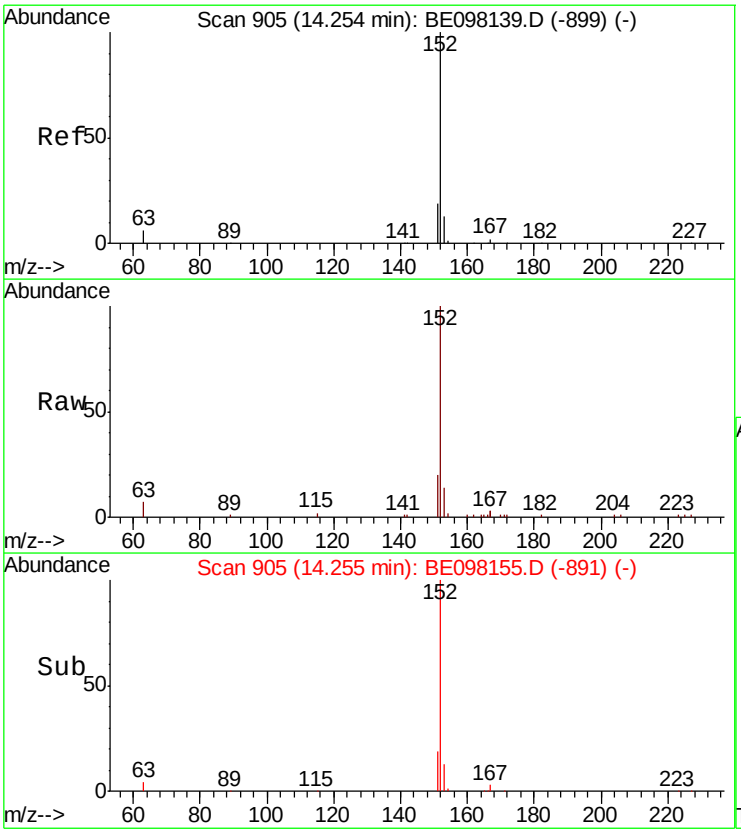
#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5028

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.0	39.0
170	21.0	18.0	27.0

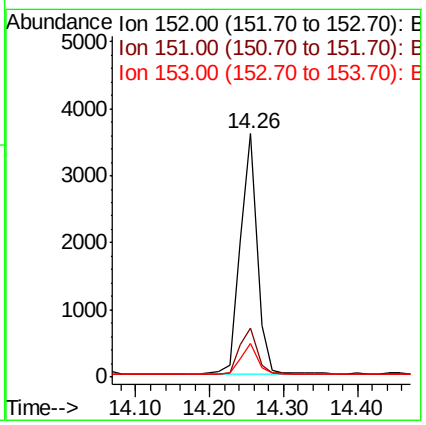


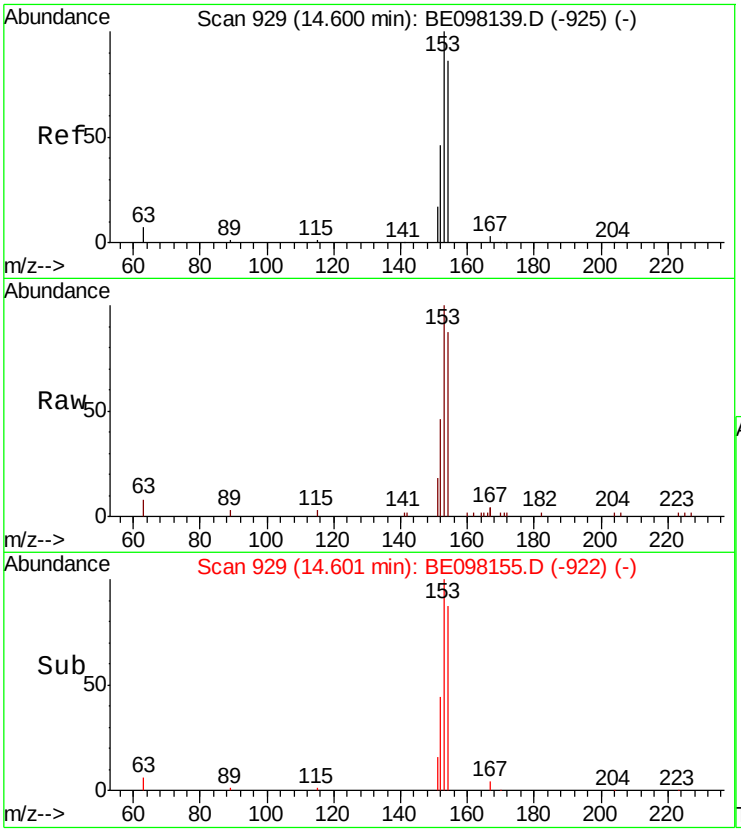


#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:152 Resp: 5672

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	12.4	10.9	16.3



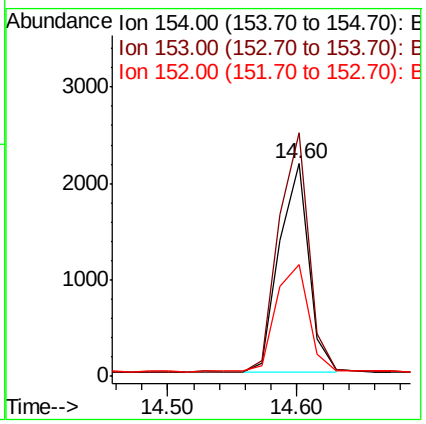


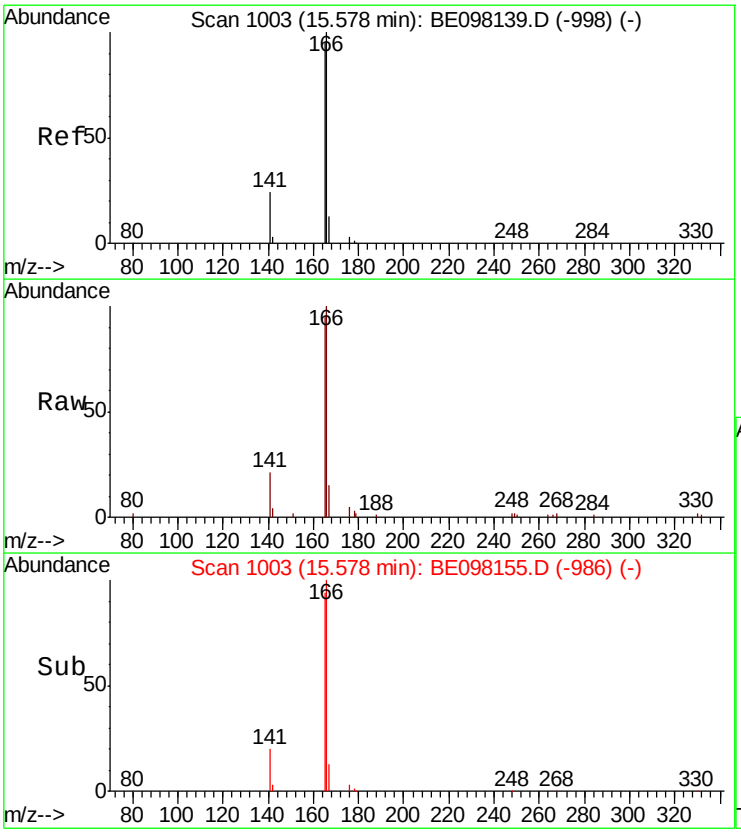
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3451

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.6	139.0
152	56.2	45.5	68.3

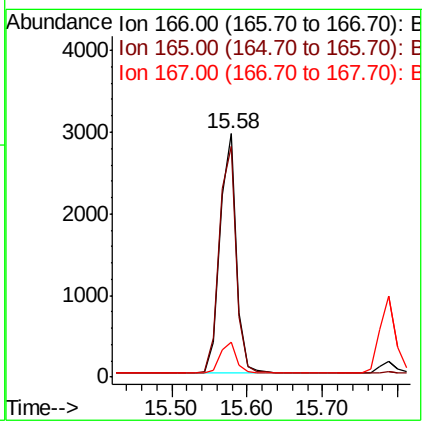


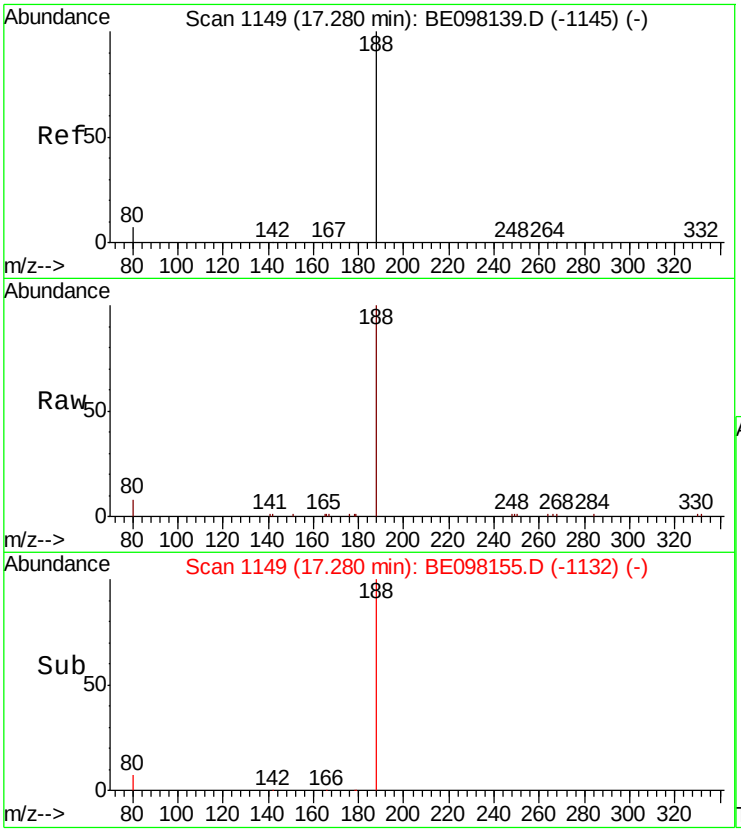


#18
Fluorene
Concen: 0.429 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:166 Resp: 4515

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	13.4	11.0	16.6



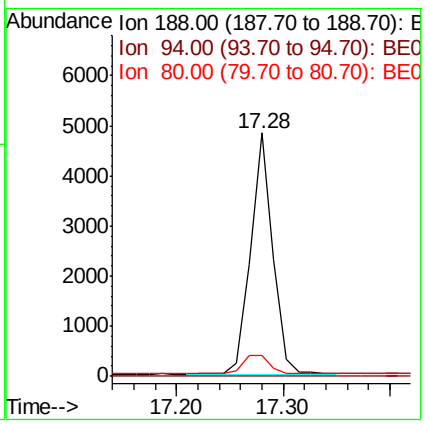


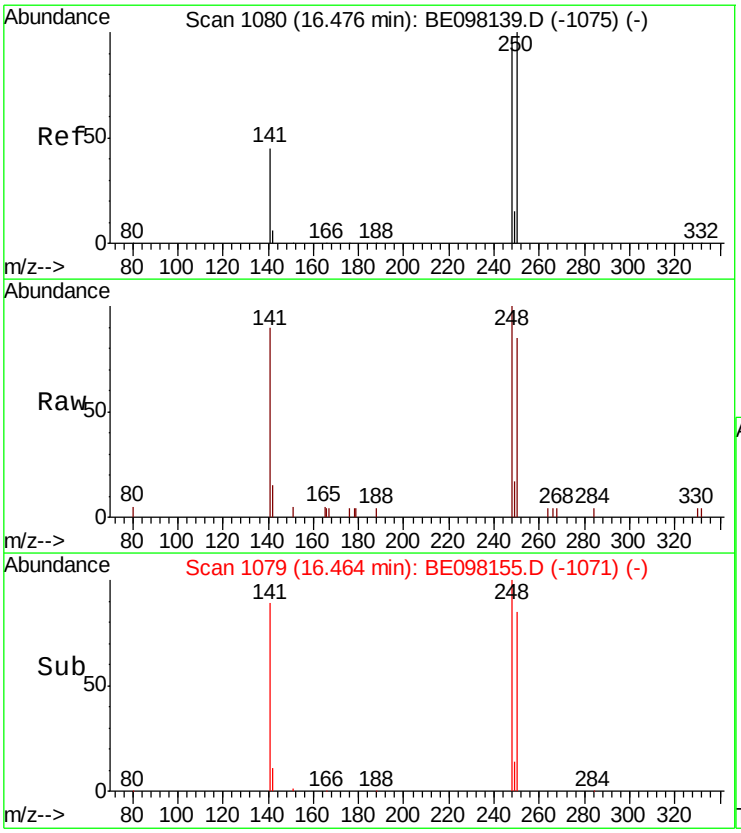
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6939

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.3	9.5

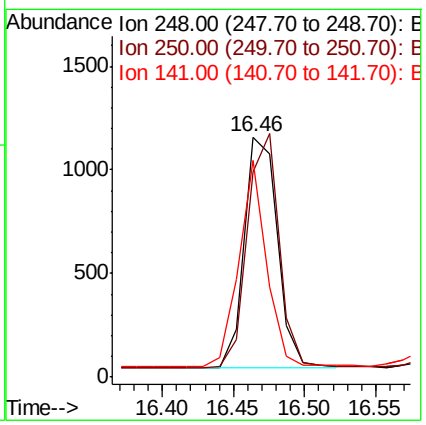


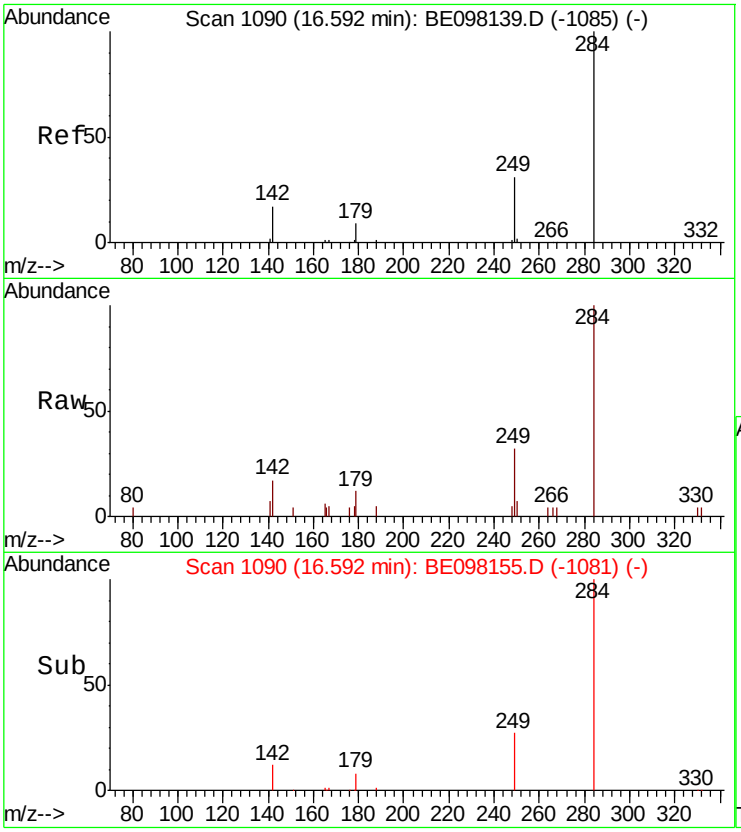


#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:248 Resp: 1817

Ion	Ratio	Lower	Upper
248	100		
250	85.2	75.1	112.7
141	90.0	51.8	77.8#



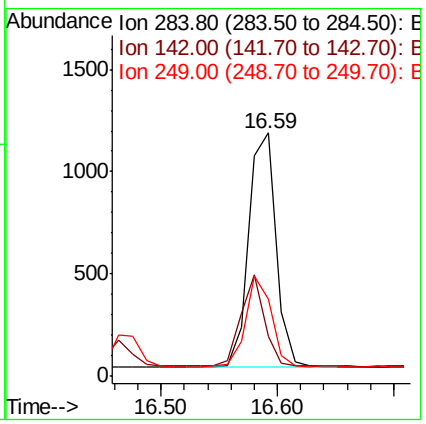


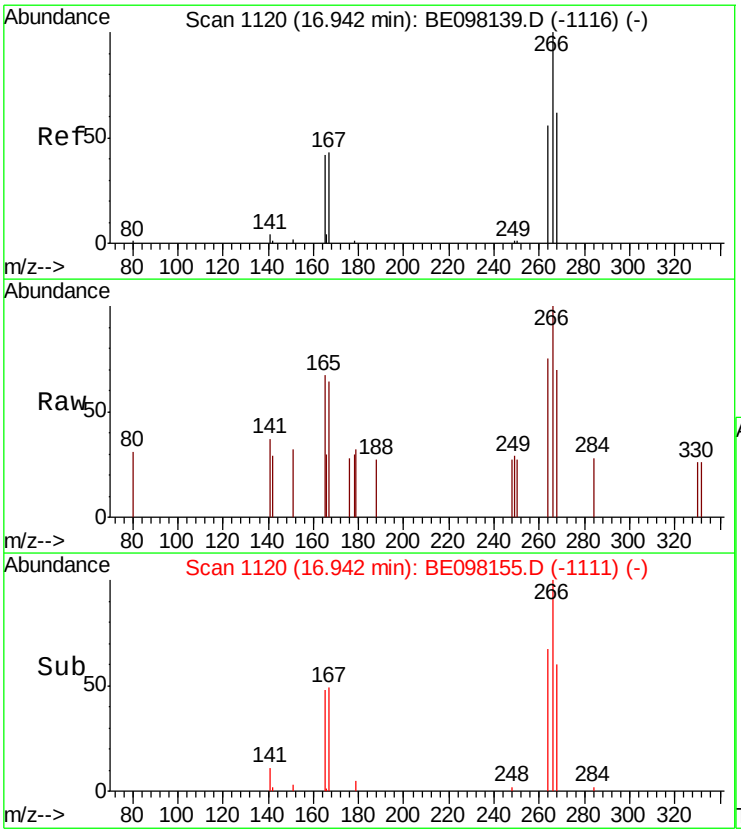
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1877

Ion	Ratio	Lower	Upper
284	100		
142	33.8	25.9	38.9
249	36.5	26.6	40.0

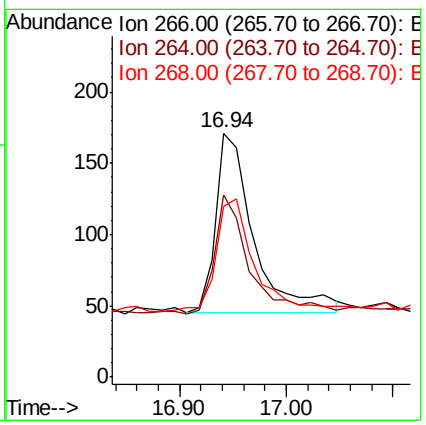


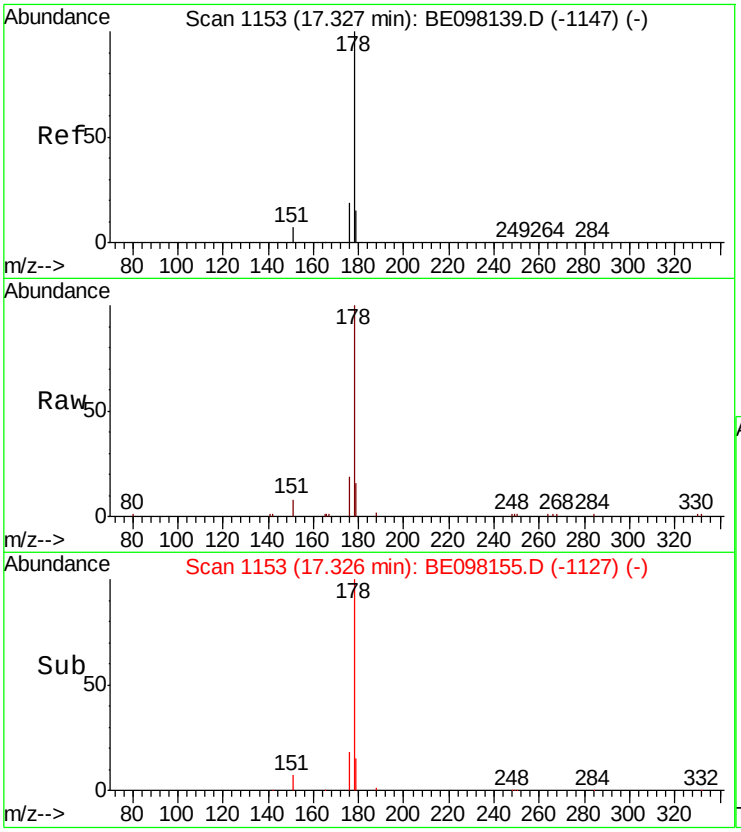


#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:266 Resp: 315

Ion	Ratio	Lower	Upper
266	100		
264	74.9	51.3	76.9
268	70.2	50.1	75.1



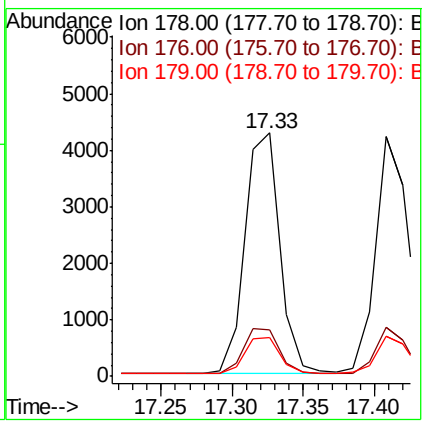


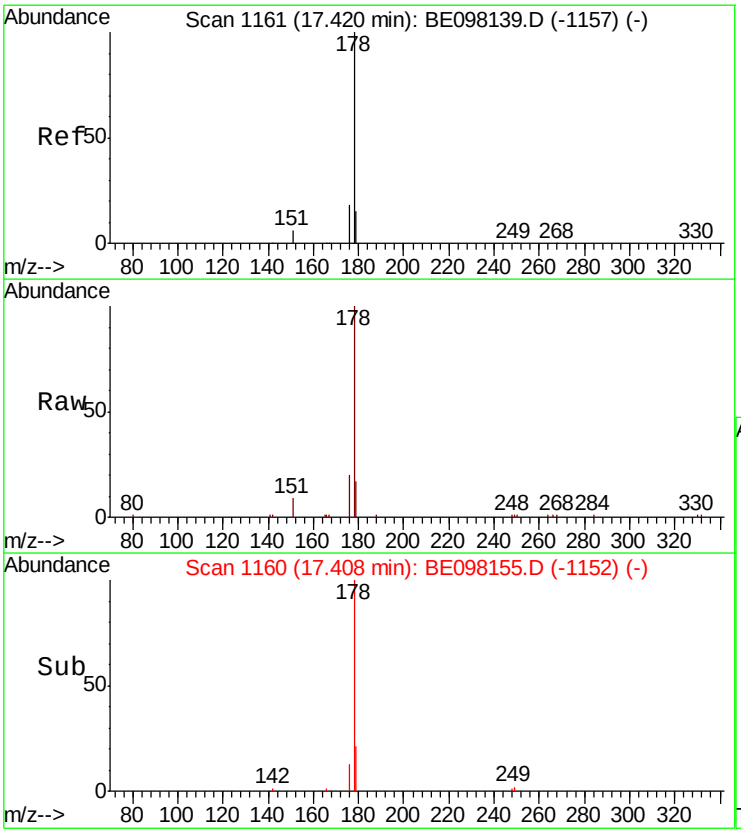
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7205

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.2	18.4

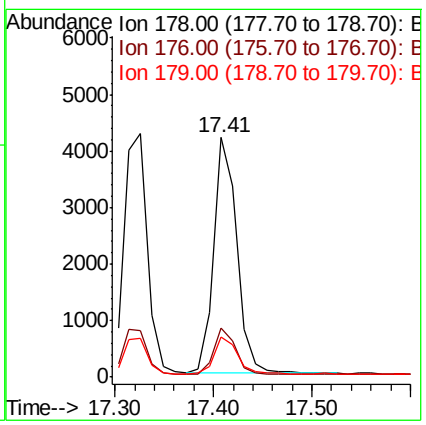


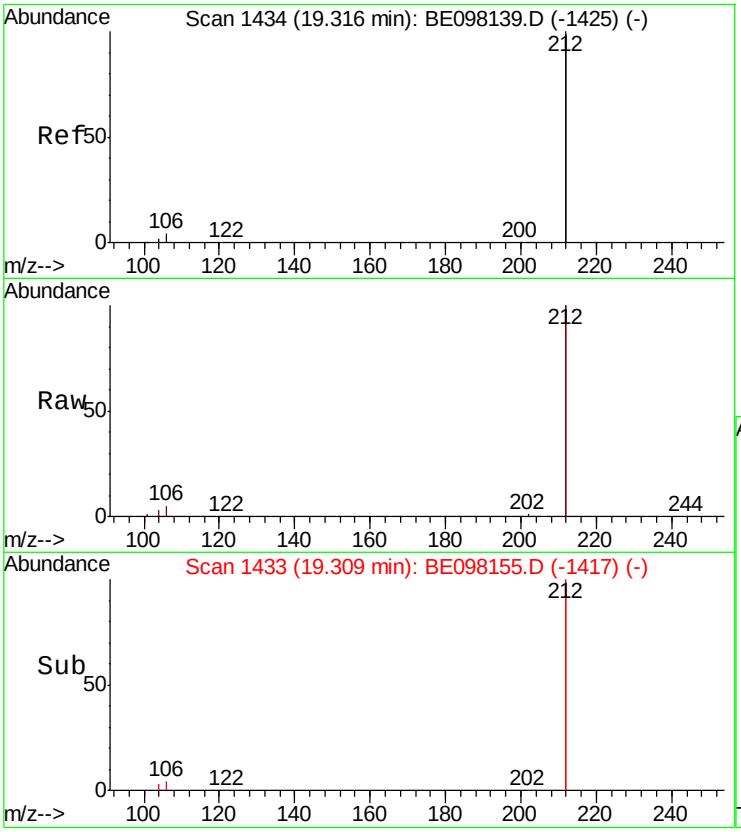


#24
Anthracene
Concen: 0.416 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:178 Resp: 6797

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	11.9	17.9



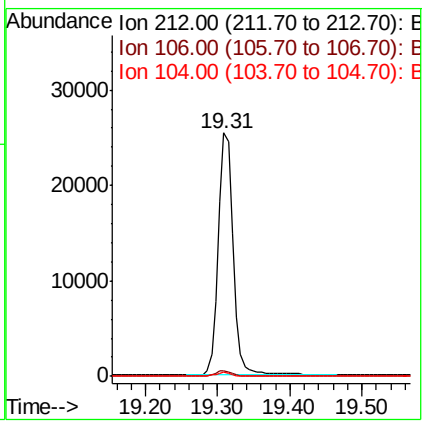


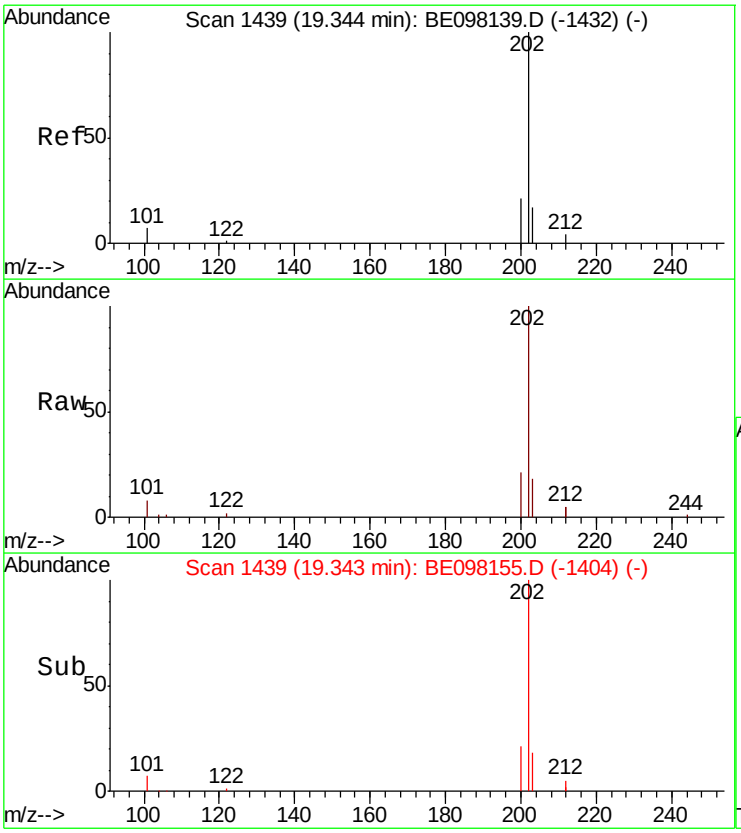
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 36032

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.3	1.3	1.9#

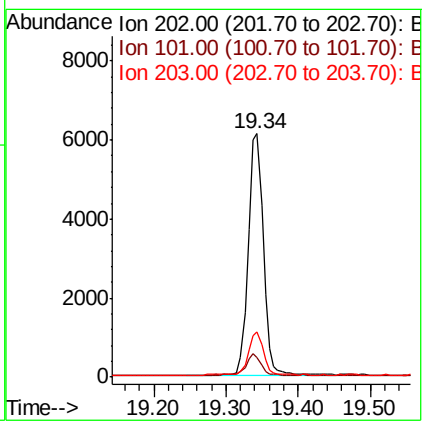


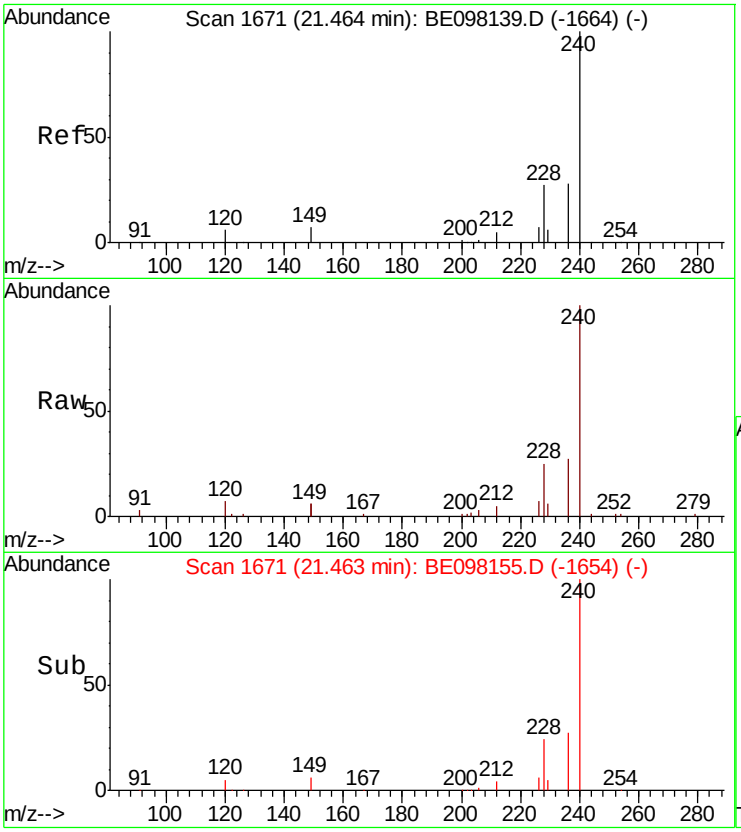


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:202 Resp: 8874

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.2	12.2
203	16.9	15.0	22.4



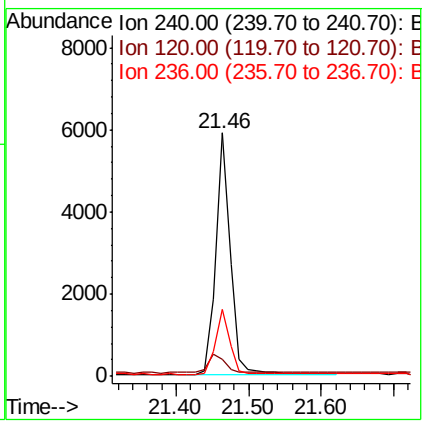


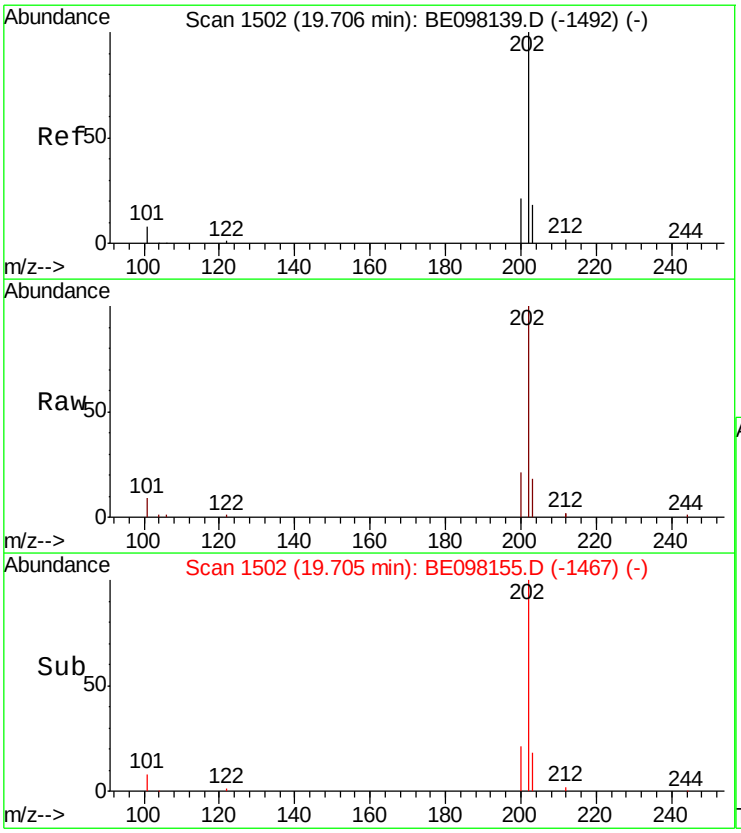
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8131

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.1	10.7#
236	27.3	21.3	31.9

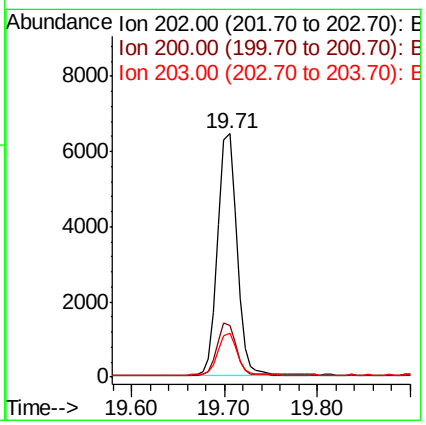


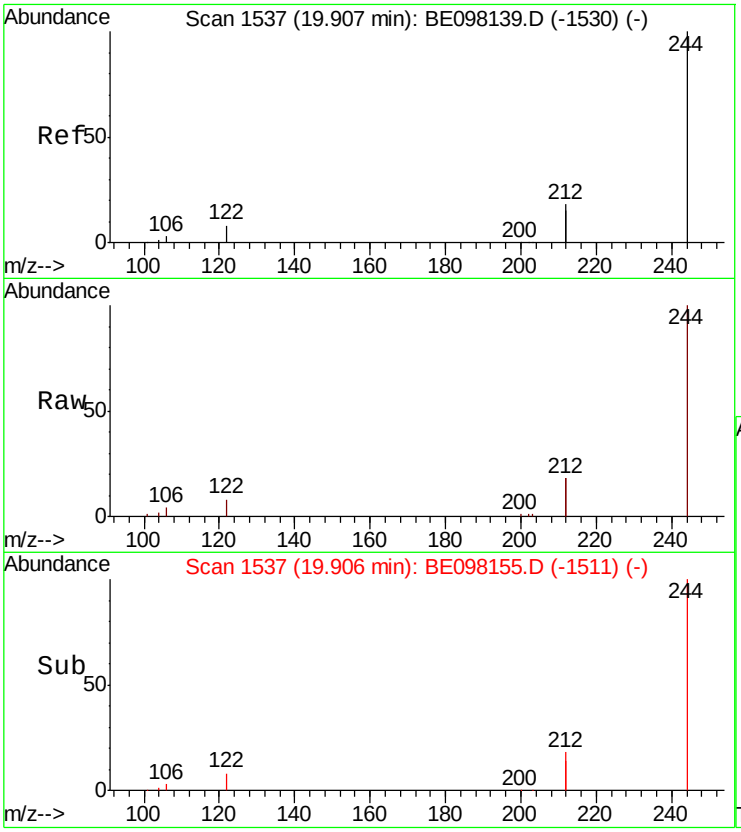


#28
Pyrene
Concen: 0.416 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:202 Resp: 9239

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.6	14.2	21.4



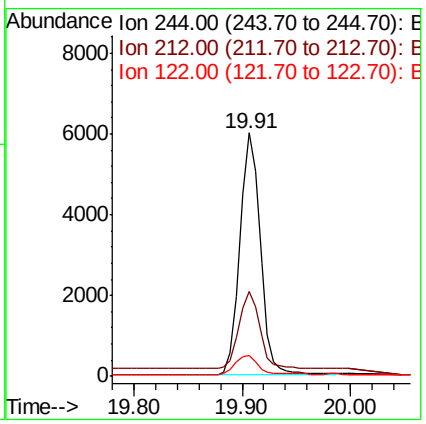


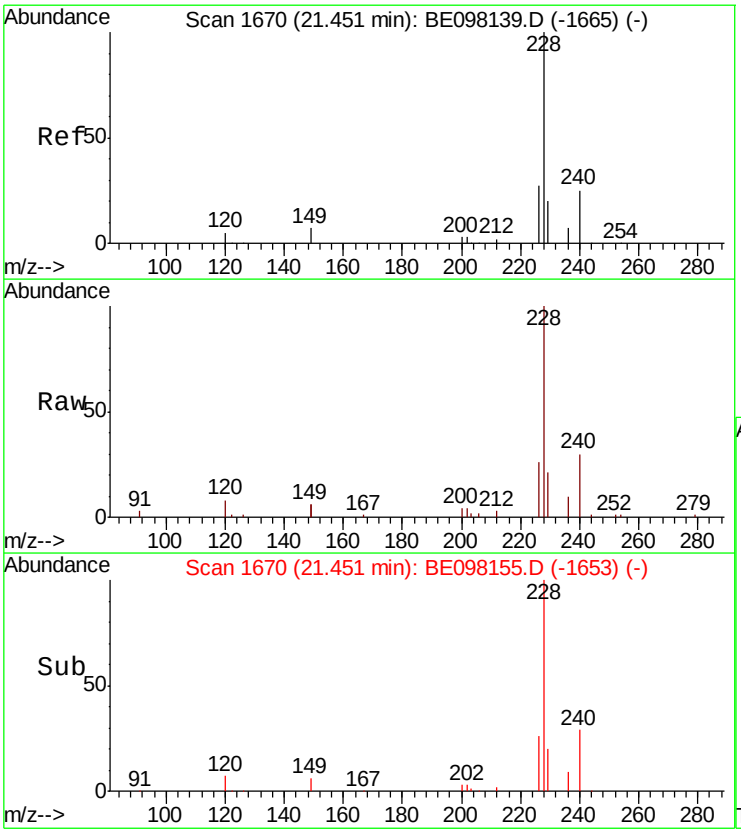
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7788

Ion	Ratio	Lower	Upper
244	100		
212	35.0	26.2	39.2
122	8.5	7.7	11.5

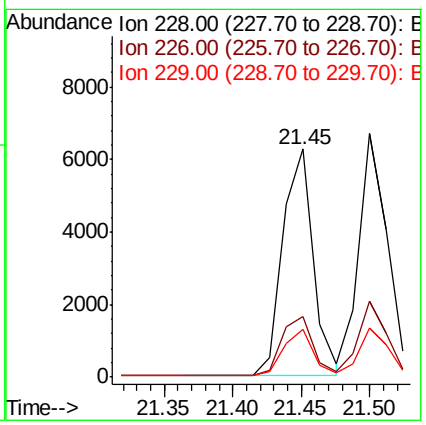


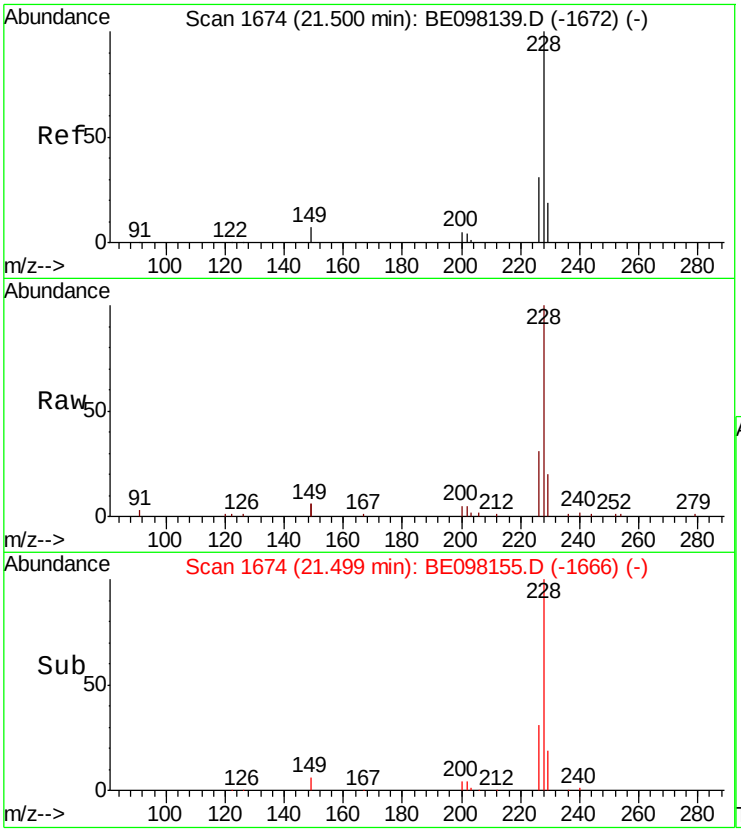


#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:228 Resp: 9584

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.6	33.8
229	20.8	16.9	25.3



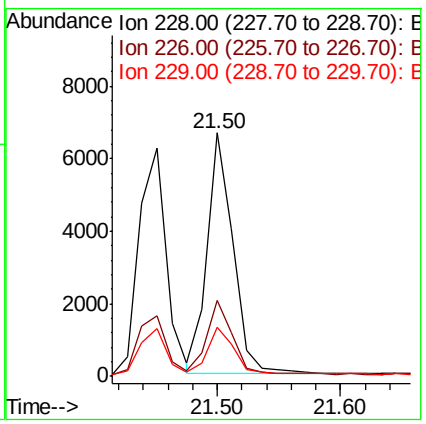


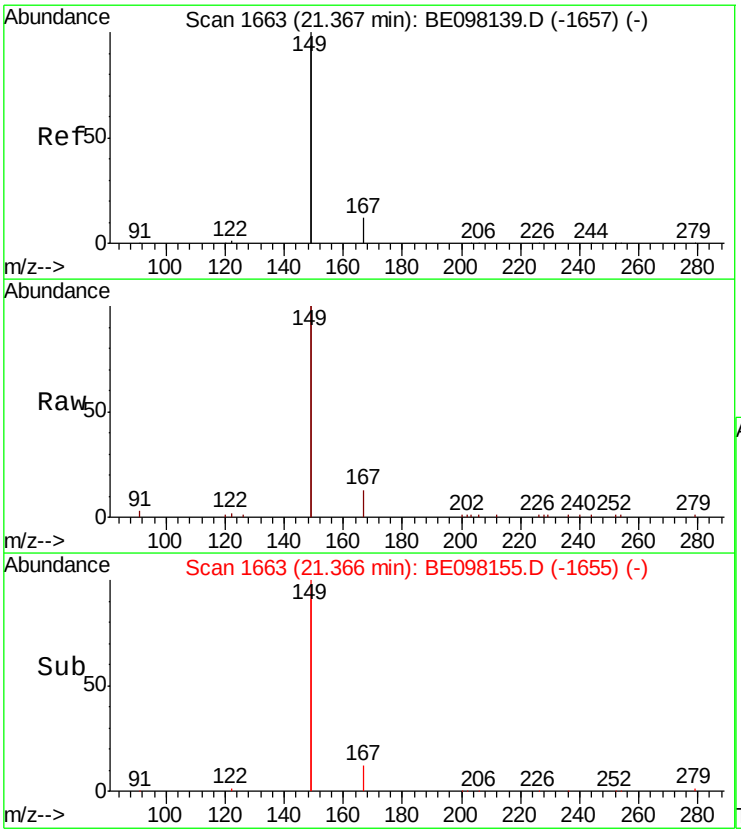
#31
Chrysene
Concen: 0.411 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9672

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.0	17.3	25.9

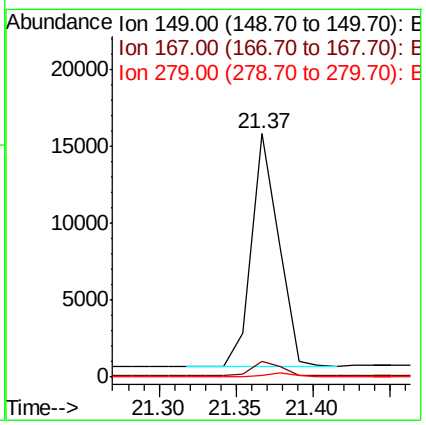


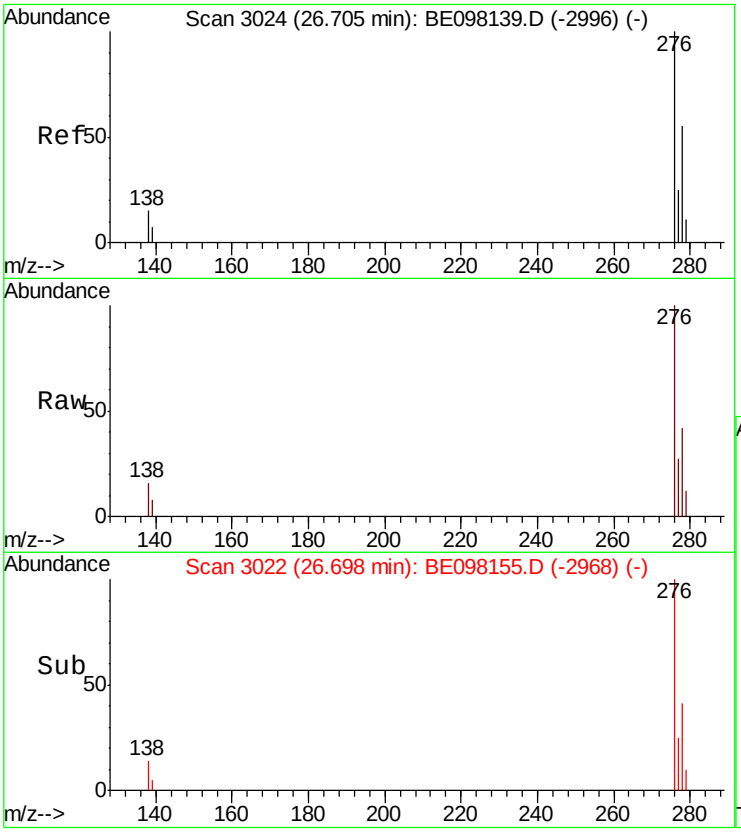


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.205 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:149 Resp: 18690

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.5	0.9	1.3#



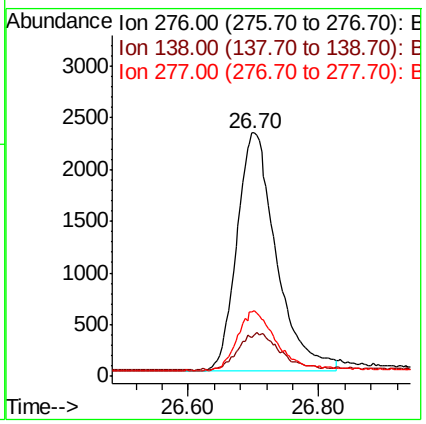


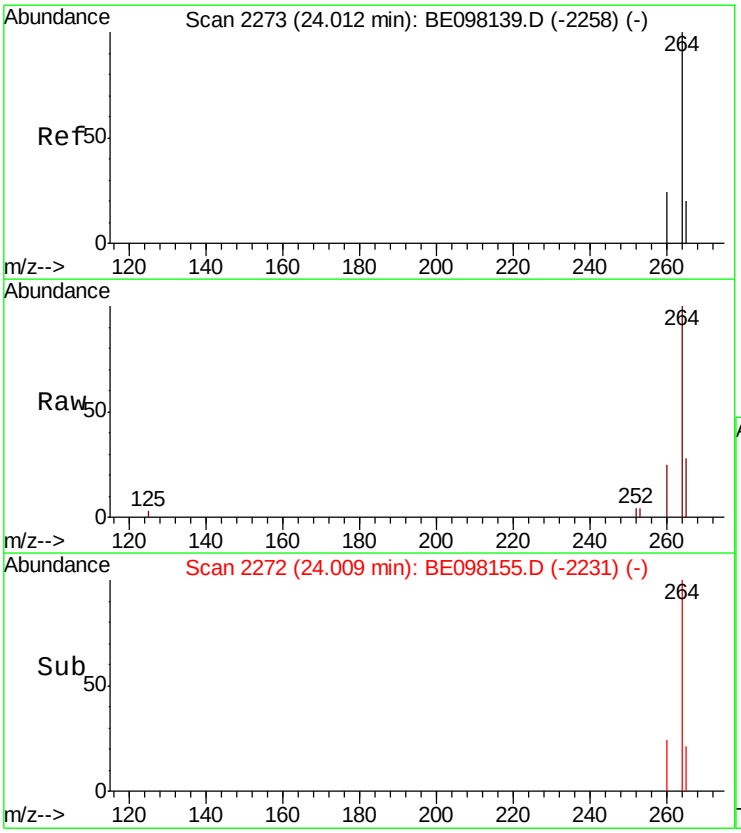
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9678

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.0	25.6#
277	24.5	20.5	30.7

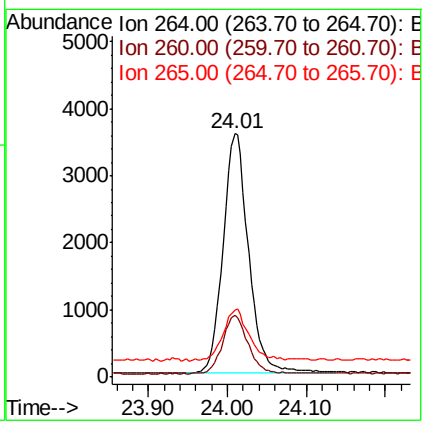


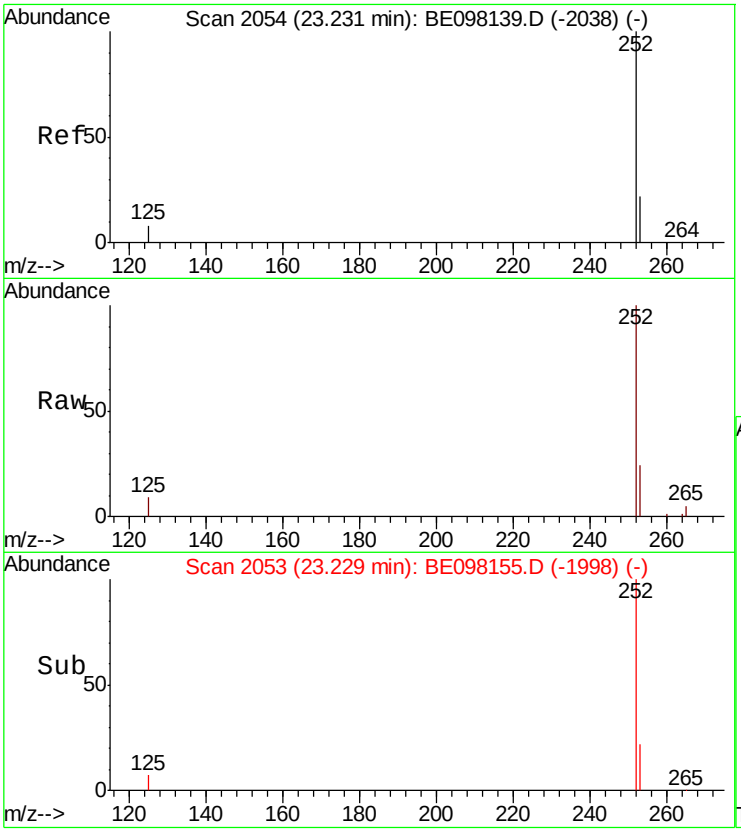


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:264 Resp: 8051

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	27.8	29.2	43.8#



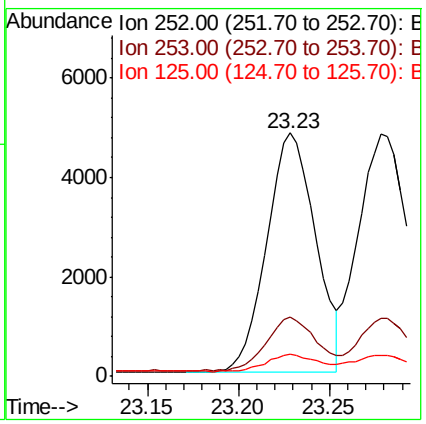


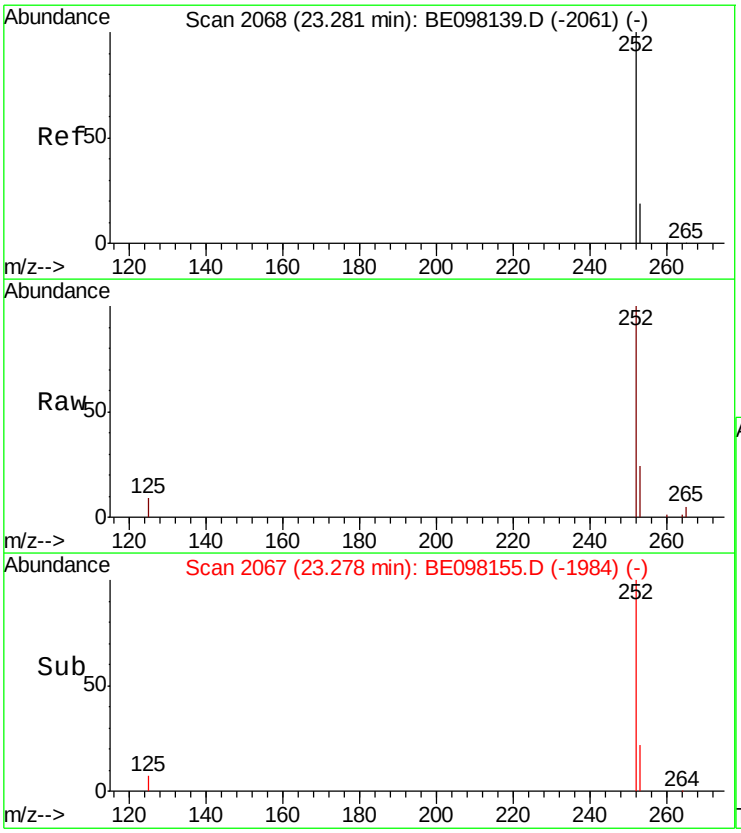
#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8961

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	31.0
125	9.0	14.3	21.5#

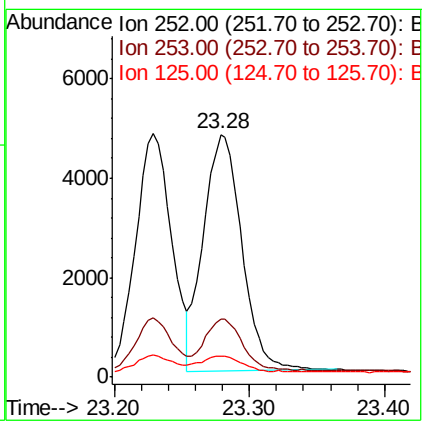


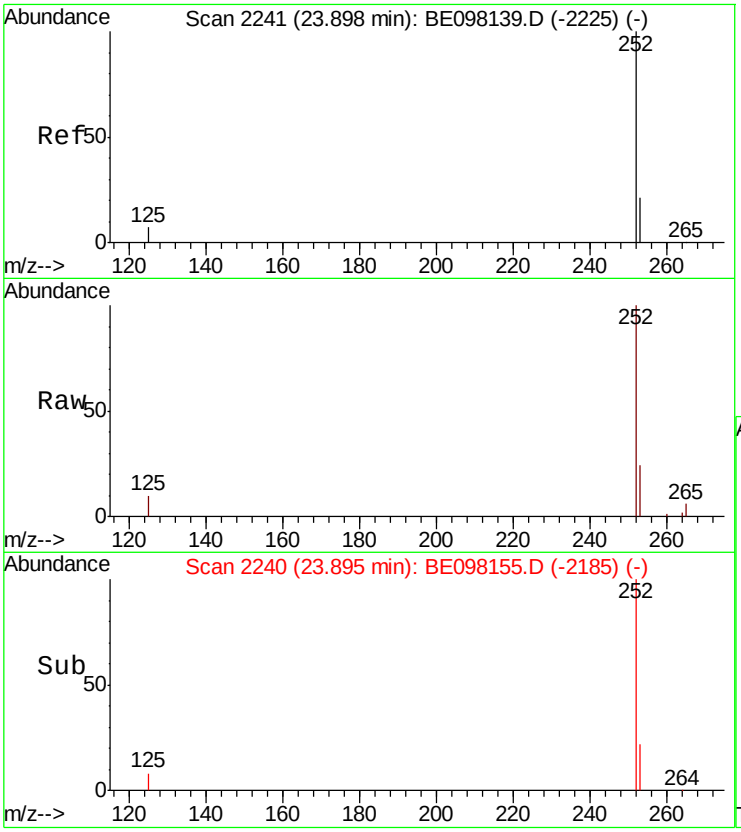


#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:252 Resp: 9452

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.4	30.6
125	8.9	14.6	21.8#



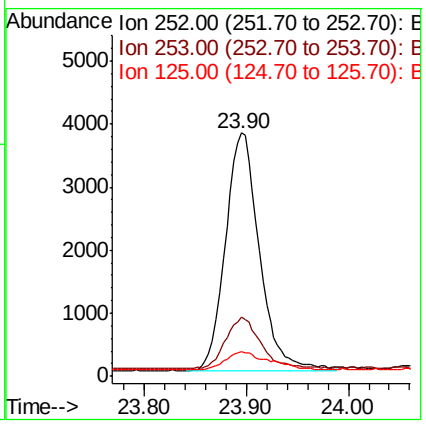


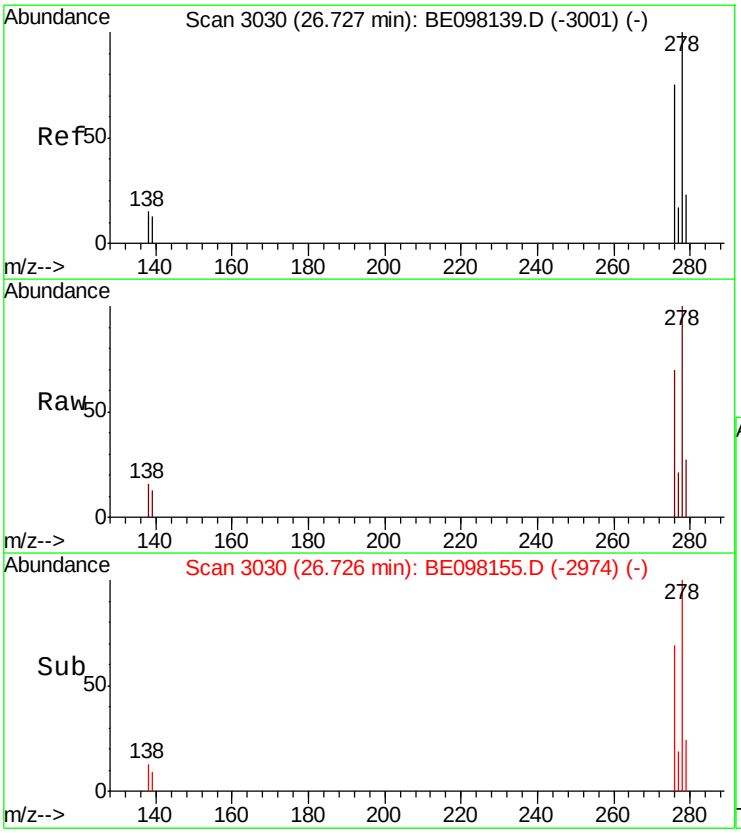
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8784

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.6	31.0
125	10.2	15.6	23.4#

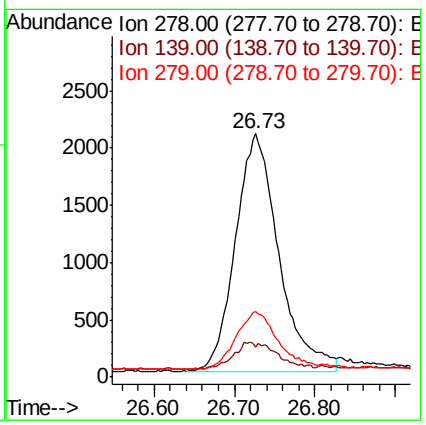


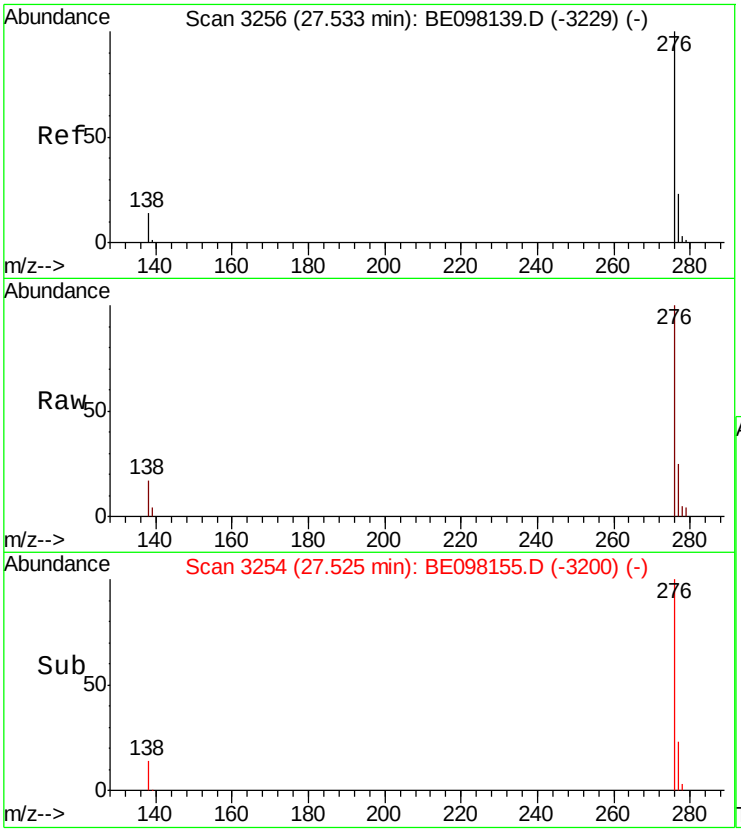


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Tgt Ion:278 Resp: 7782

Ion	Ratio	Lower	Upper
278	100		
139	12.5	16.3	24.5#
279	27.2	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BE098155.D
Acq: 5 Nov 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8127

Ion	Ratio	Lower	Upper
276	100		
277	25.3	22.1	33.1
138	16.8	19.3	28.9#