Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098217.D
Acq On : 13 Nov 2018 20:18
Operator : SJ/JU
Sample : PB114718BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 14 00:07:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1419	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7005	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4678	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10732	0.40	ng		0.00
27) Chrysene-d12	21.46	240	12910	0.40	ng		0.00
34) Perylene-d12	24.01	264	12076	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1685	0.42	ng		0.00
5) Phenol-d6	7.04	99	2835	0.44	ng		0.00
8) Nitrobenzene-d5	9.02	82	2834	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4715	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	771	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.14	172	7240	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	51450	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	10718	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	850	0.398	ng		96
3) n-Nitrosodimethylamine	3.69	42	1050	0.377	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	2016	0.388	ng		99
9) Naphthalene	10.72	128	27911	0.392	ng		99
10) Hexachlorobutadiene	11.00	225	1691	0.382	ng		97
12) 2-Methylnaphthalene	12.34	142	4901	0.397	ng		97
16) Acenaphthylene	14.25	152	8303	0.387	ng		98
17) Acenaphthene	14.60	154	4905	0.375	ng		98
18) Fluorene	15.57	166	6500	0.388	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	2552	0.390	ng		96
21) Hexachlorobenzene	16.59	284	2589	0.381	ng		98
22) Pentachlorophenol	16.94	266	611	0.483	ng		96
23) Phenanthrene	17.32	178	10504	0.393	ng		99
24) Anthracene	17.41	178	9934	0.399	ng		99
26) Fluoranthene	19.34	202	12847	0.388	ng		99
28) Pyrene	19.71	202	13523	0.381	ng		100
30) Benzo(a)anthracene	21.45	228	14140	0.385	ng		100
31) Chrysene	21.50	228	13990	0.376	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	32712	0.429	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	13637	0.399	ng	#	88
35) Benzo(b)fluoranthene	23.23	252	12853	0.375	ng		98
36) Benzo(k)fluoranthene	23.28	252	13671	0.378	ng		100
37) Benzo(a)pyrene	23.89	252	12613	0.384	ng		98
38) Dibenzo(a,h)anthracene	26.72	278	11301	0.404	ng		98
39) Benzo(g,h,i)perylene	27.53	276	11173	0.382	ng	#	96

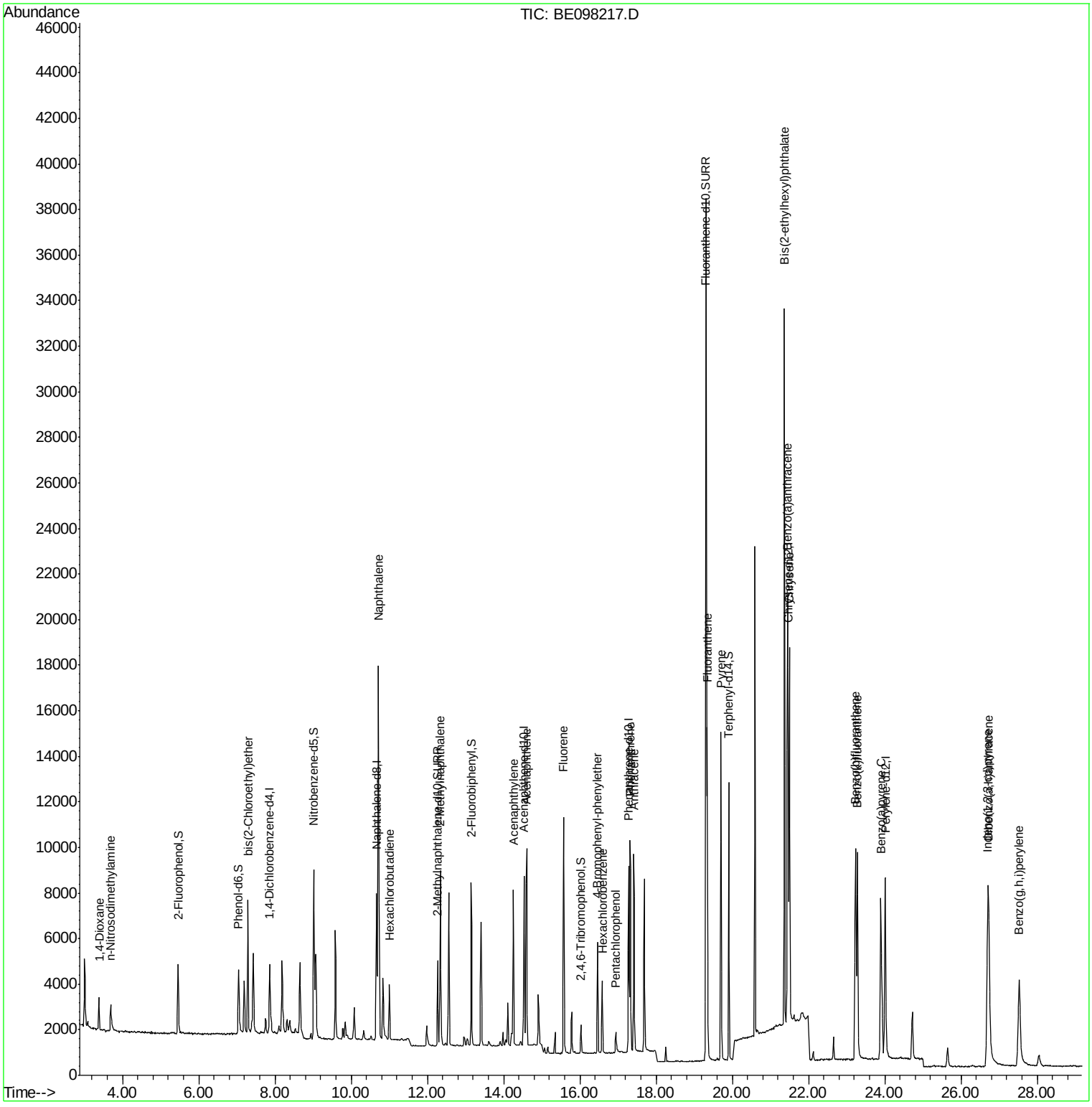
(#) = qualifier out of range (m) = manual integration (+) = signals summed

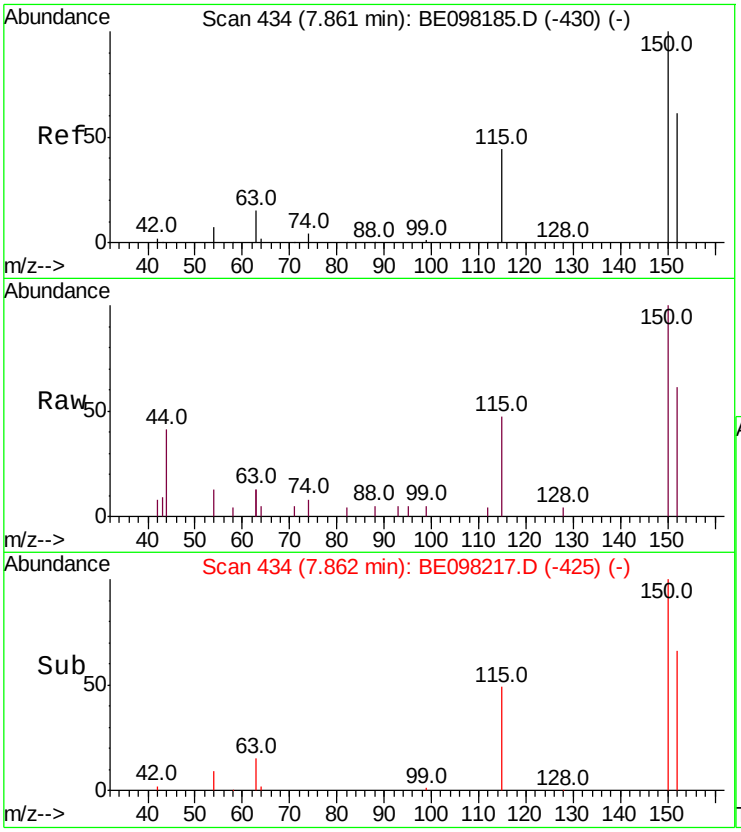
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098217.D
Acq On : 13 Nov 2018 20:18
Operator : SJ/JU
Sample : PB114718BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 14 00:07:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



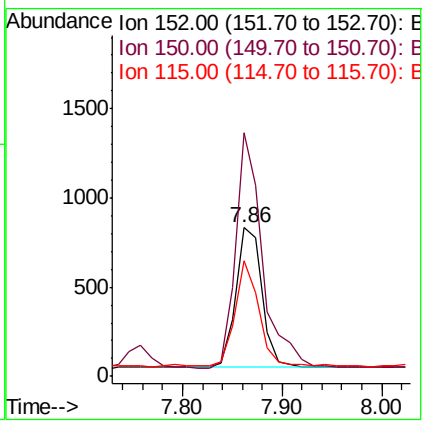


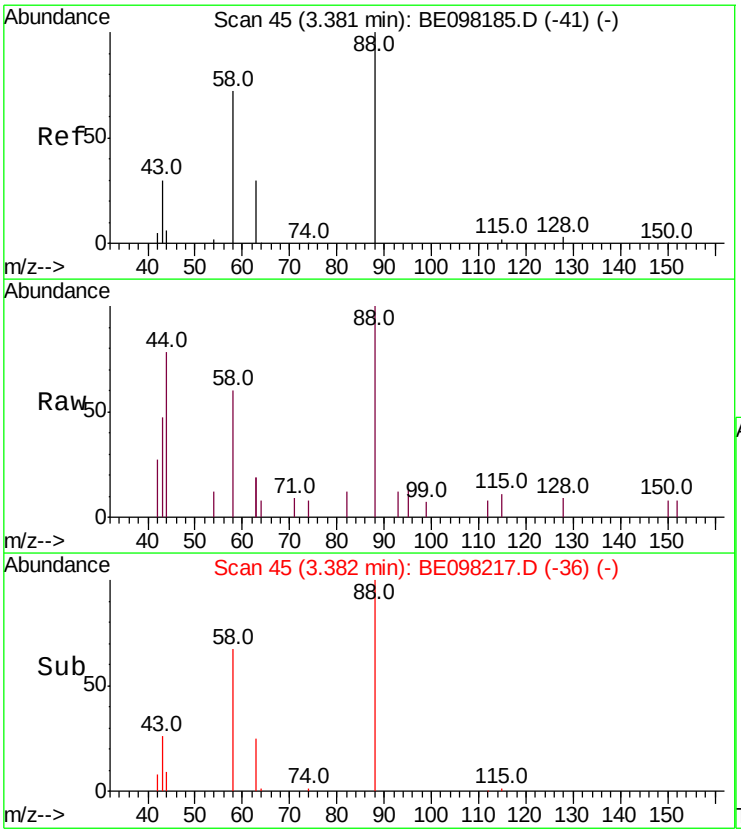
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1419

Ion	Ratio	Lower	Upper
152	100		
150	163.9	127.5	191.3
115	77.7	60.3	90.5

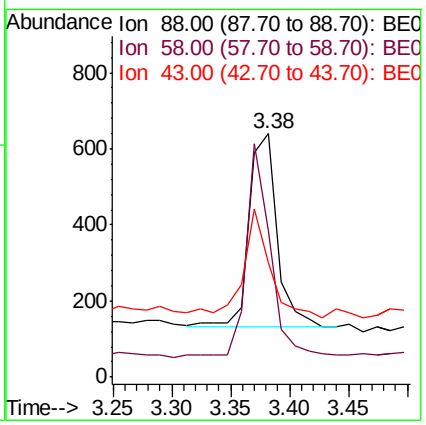


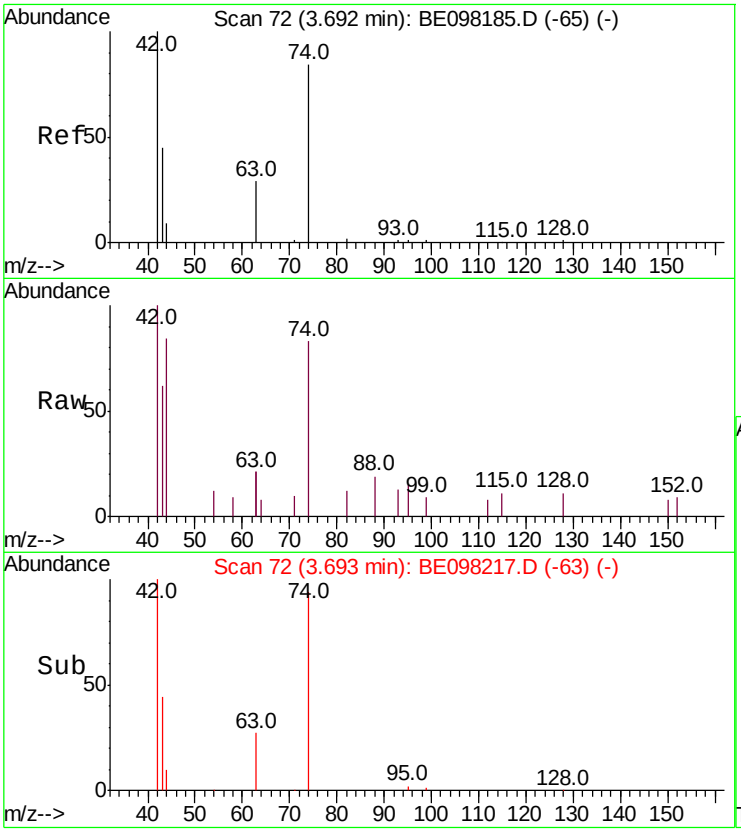


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion: 88 Resp: 850

Ion	Ratio	Lower	Upper
88	100		
58	97.5	79.0	118.4
43	55.1	38.1	57.1



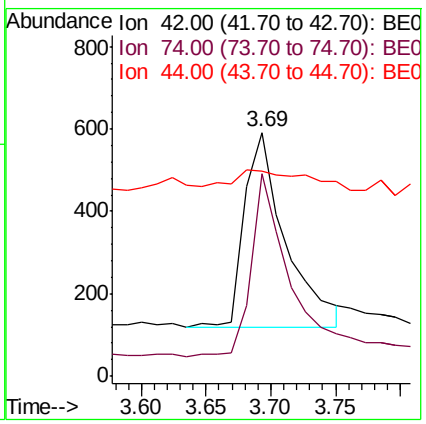


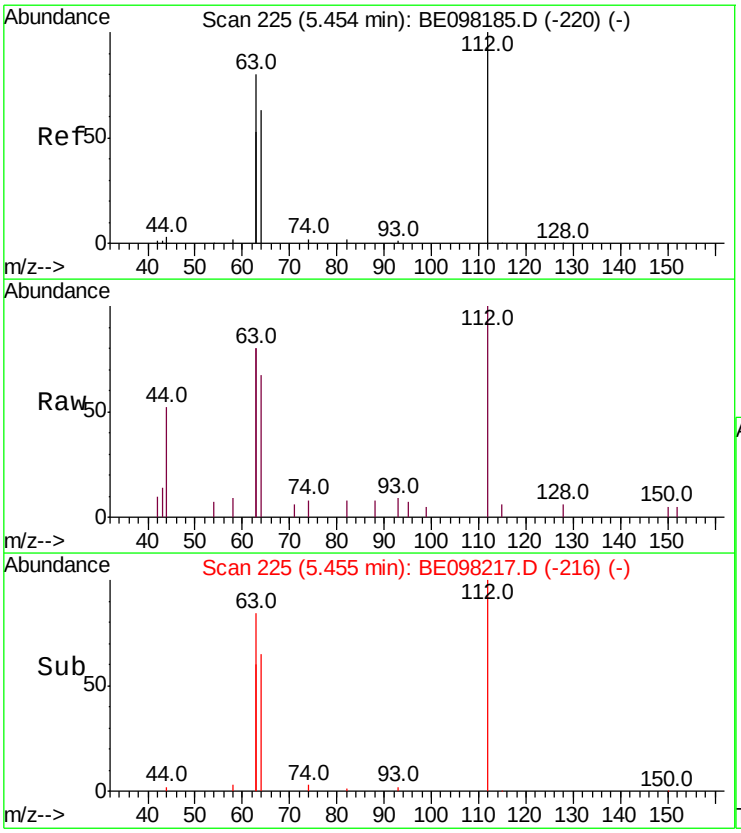
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1050

Ion	Ratio	Lower	Upper
42	100		
74	85.0	61.7	92.5
44	12.5	14.0	21.0#

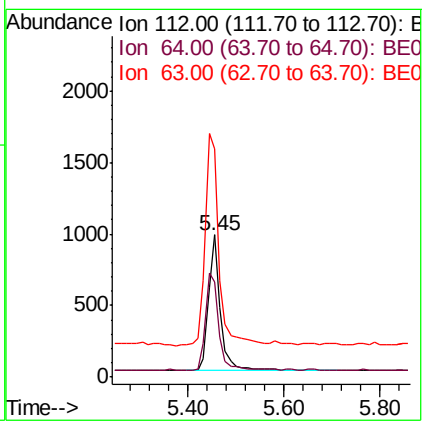


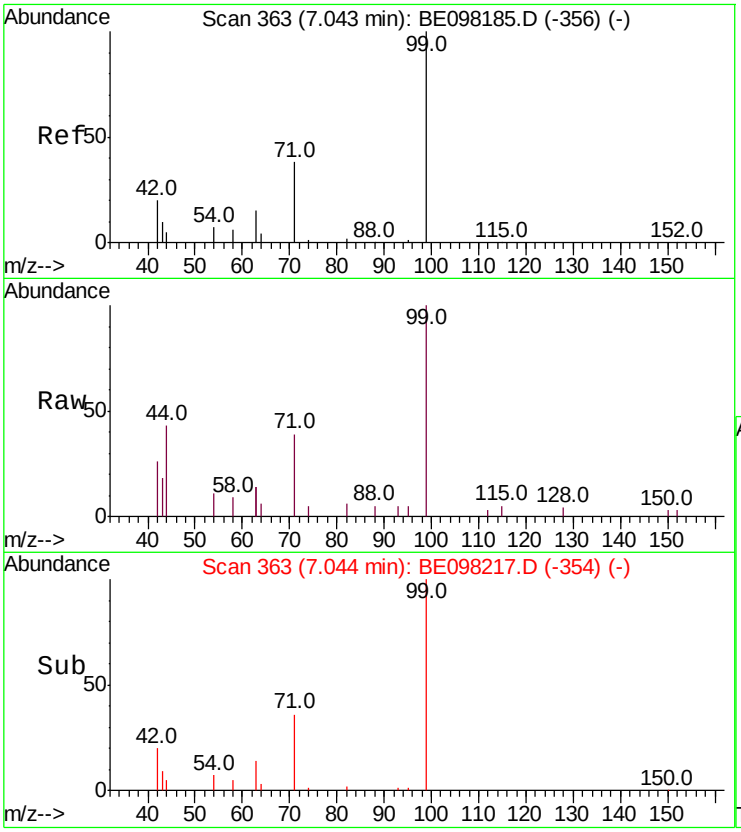


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:112 Resp: 1685

Ion	Ratio	Lower	Upper
112	100		
64	77.0	61.7	92.5
63	174.5	136.2	204.2



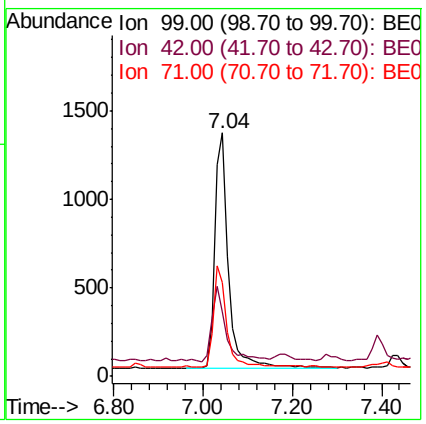


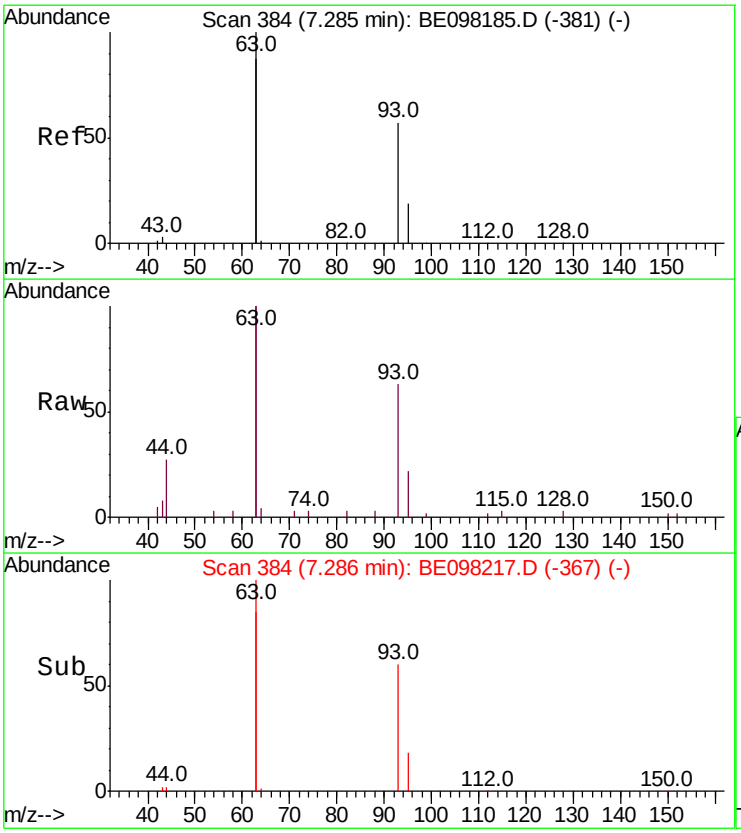
#5
Phenol-d6
Concen: 0.441 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2835

Ion	Ratio	Lower	Upper
99	100		
42	31.5	27.1	40.7
71	41.2	37.0	55.6

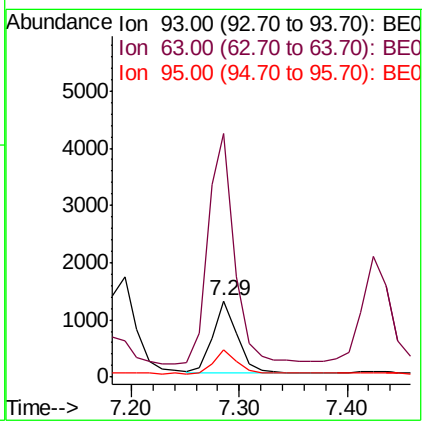


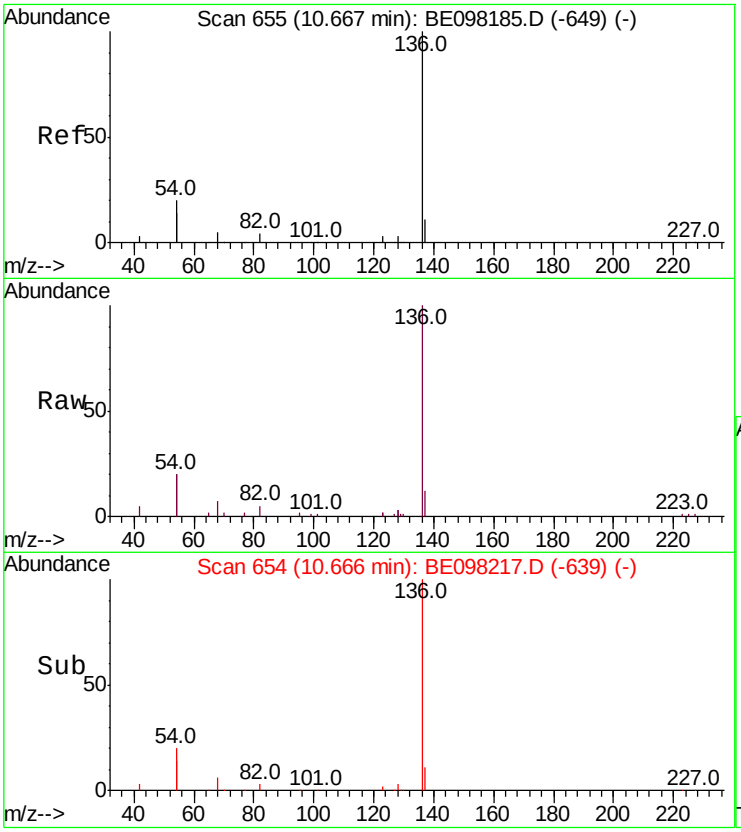


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion: 93 Resp: 2016

Ion	Ratio	Lower	Upper
93	100		
63	338.7	272.6	409.0
95	33.5	27.1	40.7



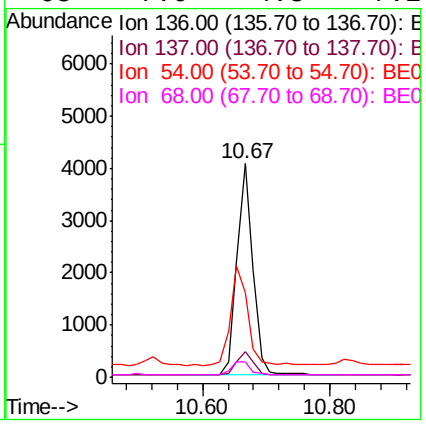


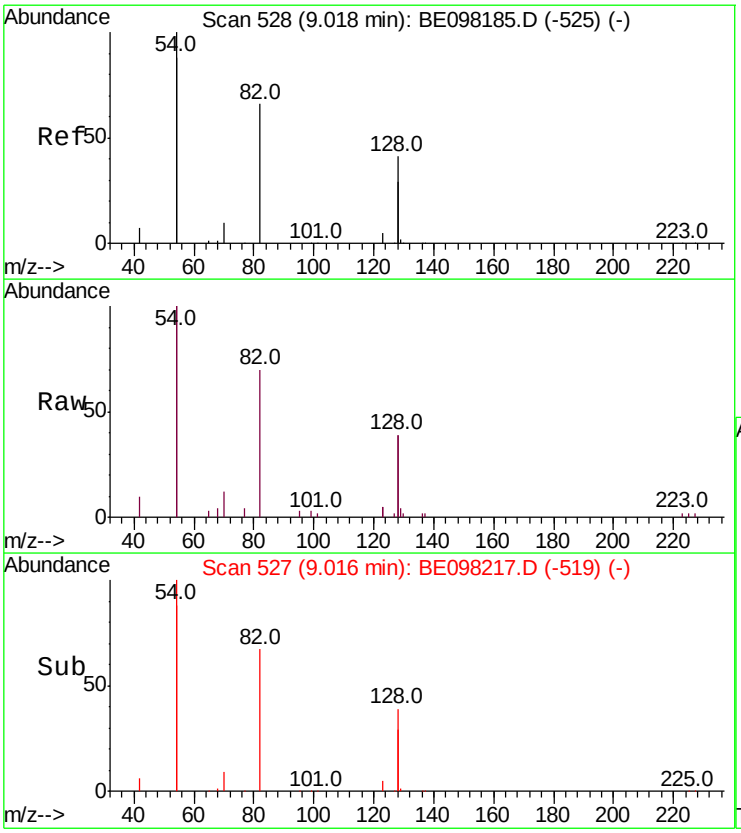
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7005

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	39.4	31.3	46.9
68	7.0	4.8	7.2

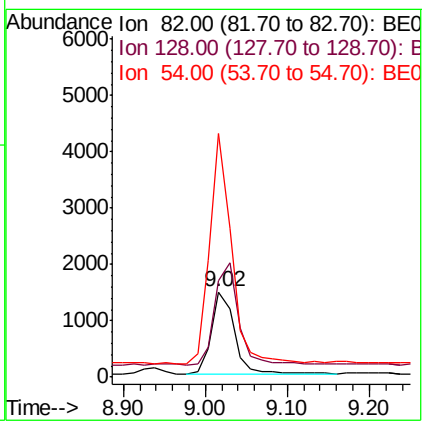


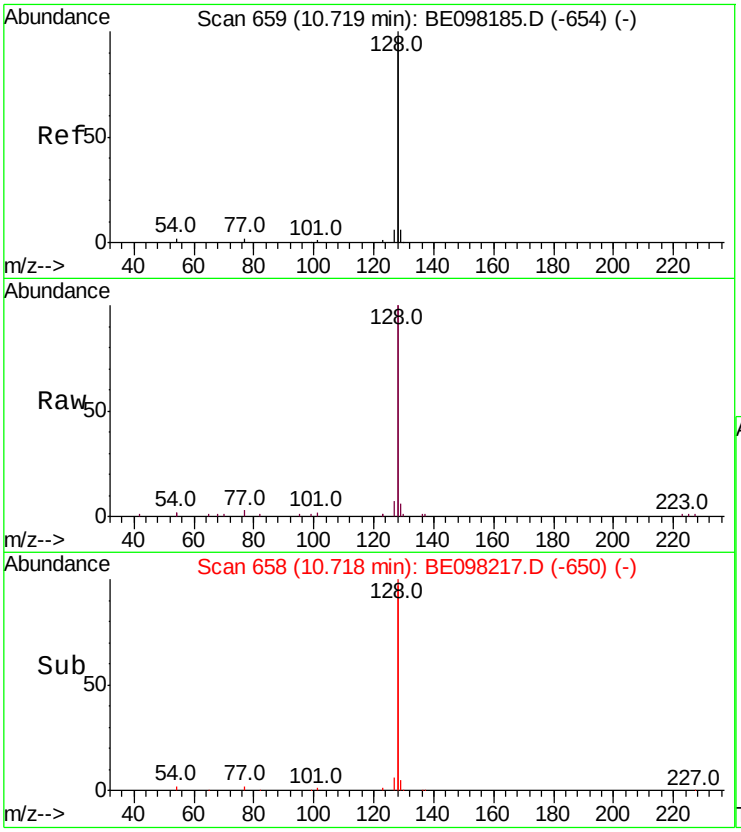


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion: 82 Resp: 2834

Ion	Ratio	Lower	Upper
82	100		
128	112.4	96.1	144.1
54	284.8	232.0	348.0



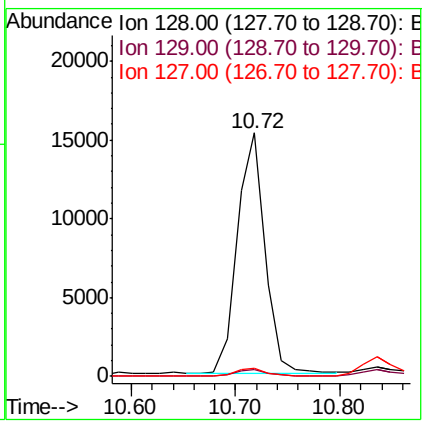


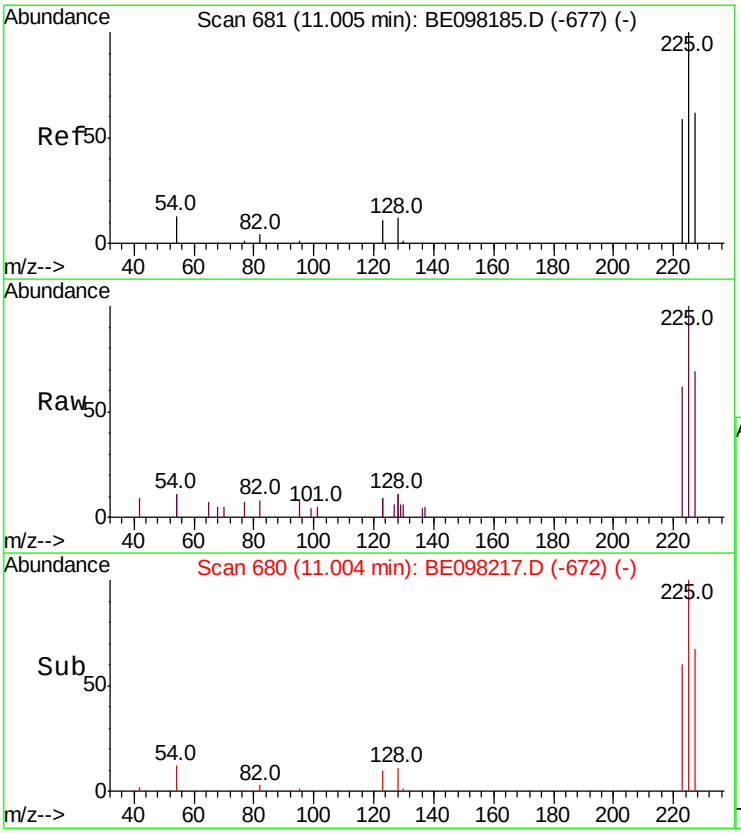
#9
Naphthalene
Concen: 0.392 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27911

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.4	2.8	4.2

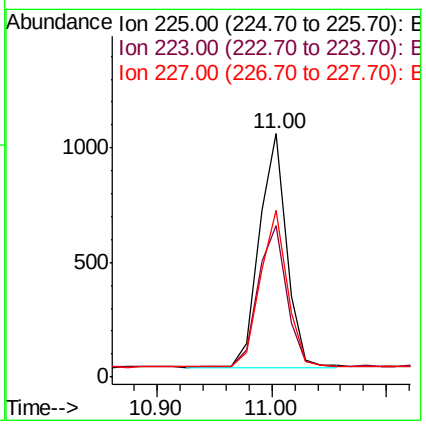


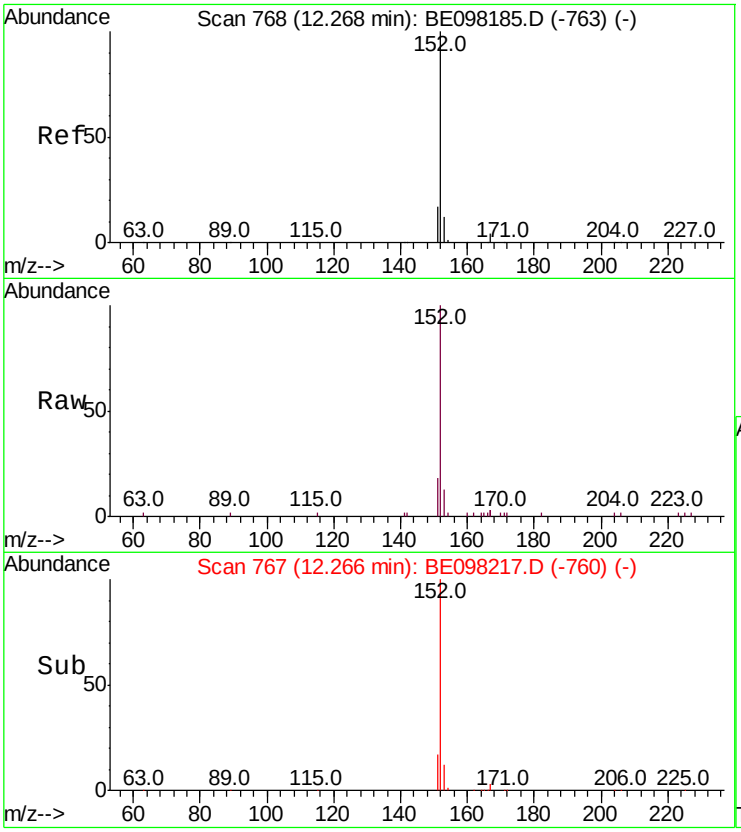


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:225 Resp: 1691

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	66.9	50.3	75.5



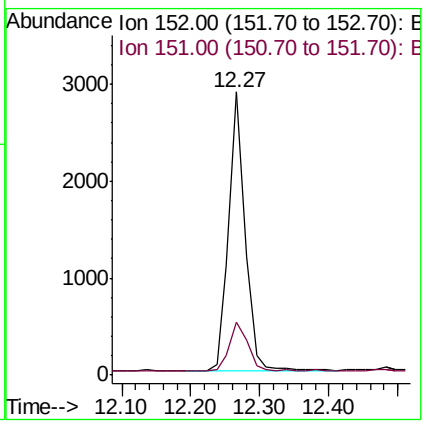


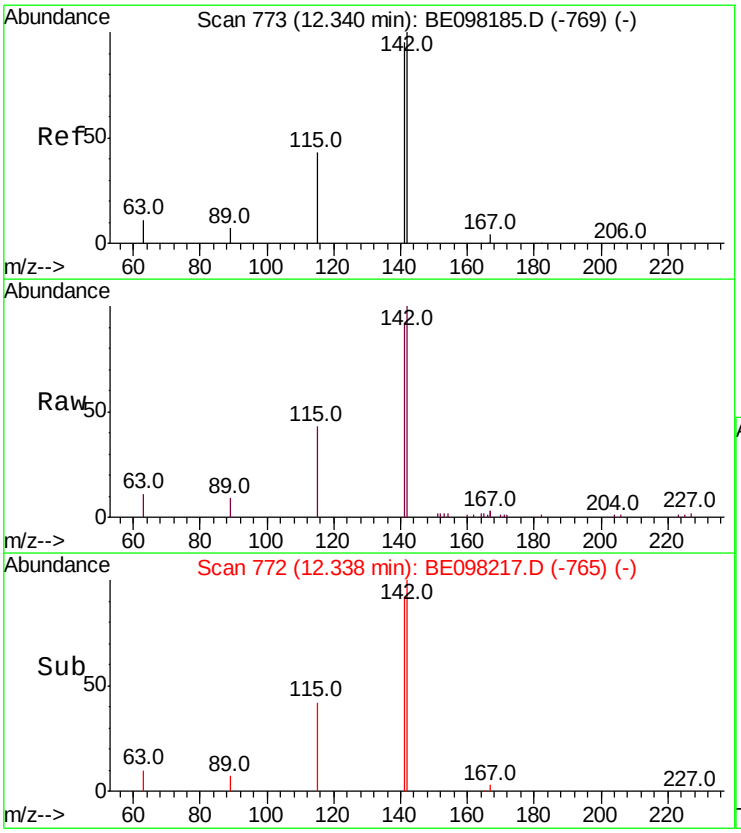
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4715

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

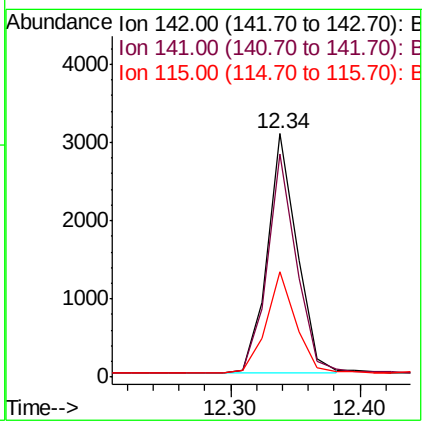


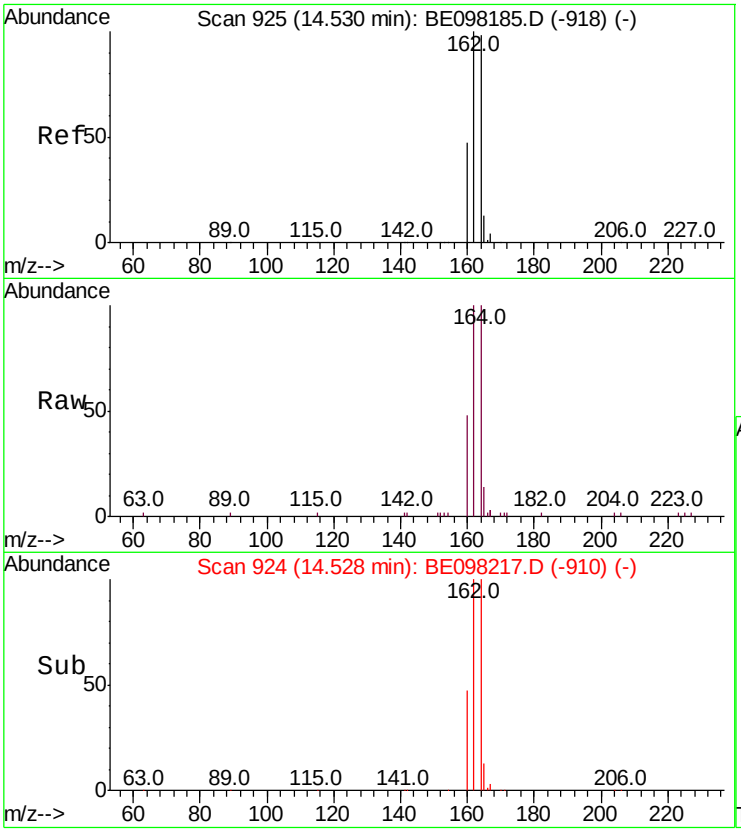


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:142 Resp: 4901

Ion	Ratio	Lower	Upper
142	100		
141	91.8	76.3	114.5
115	43.2	35.8	53.8



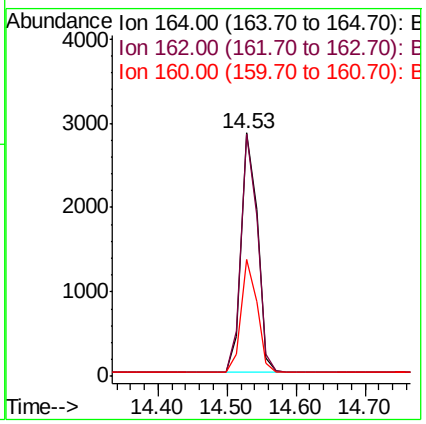


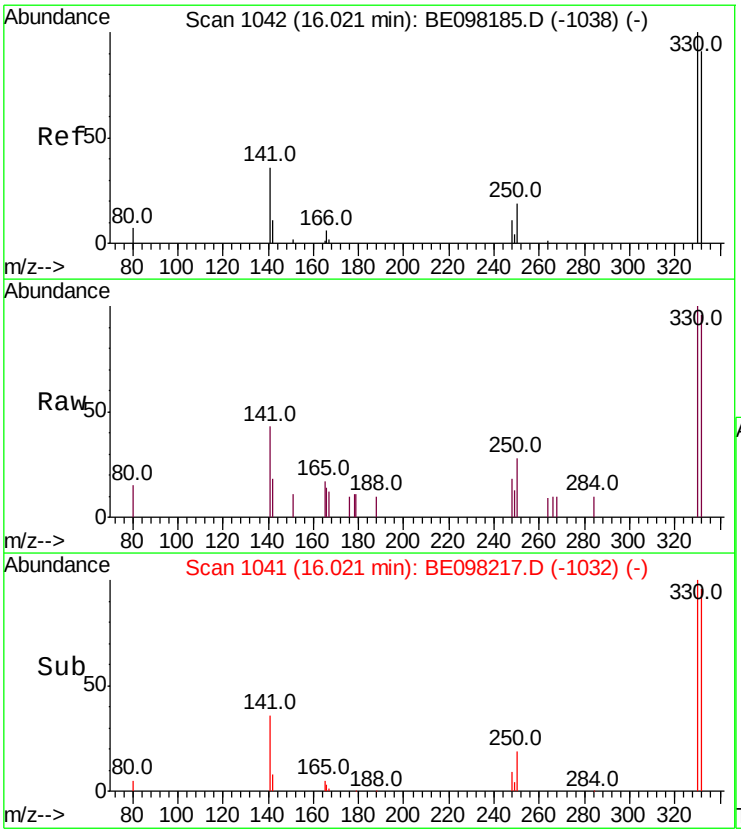
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4678

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.8	122.6
160	48.0	39.4	59.0

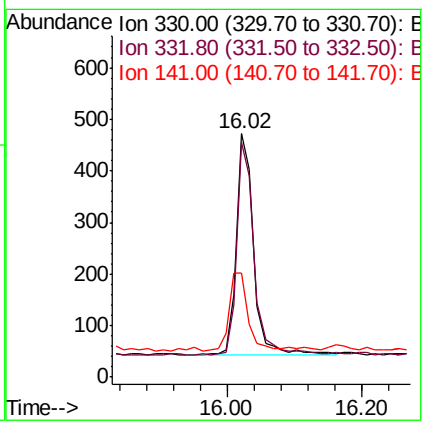


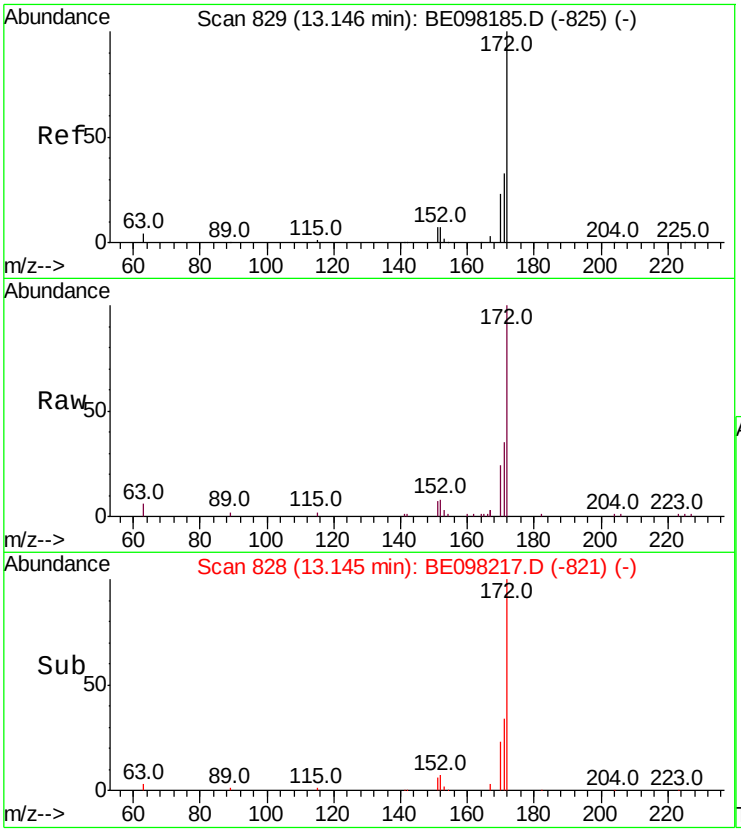


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:330 Resp: 771

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.7	116.5
141	39.2	33.6	50.4



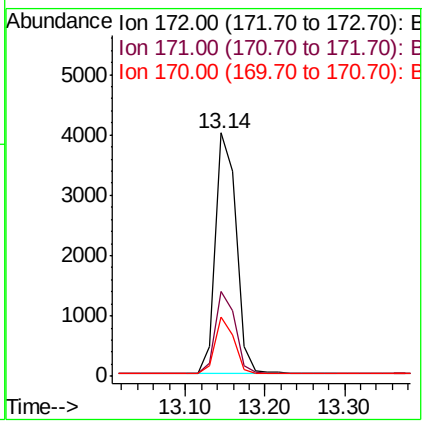


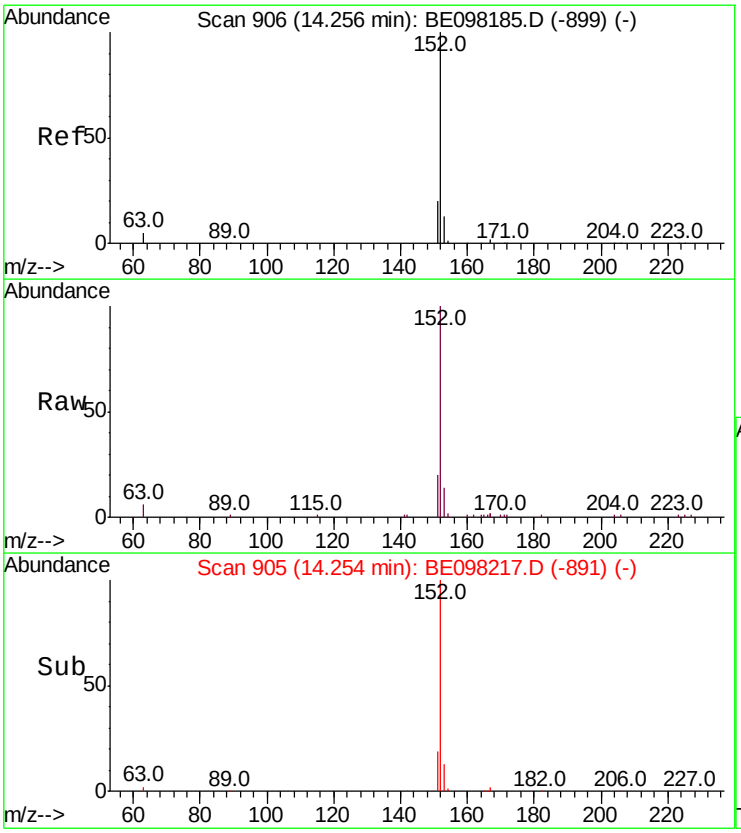
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7240

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	24.2	19.4	29.0

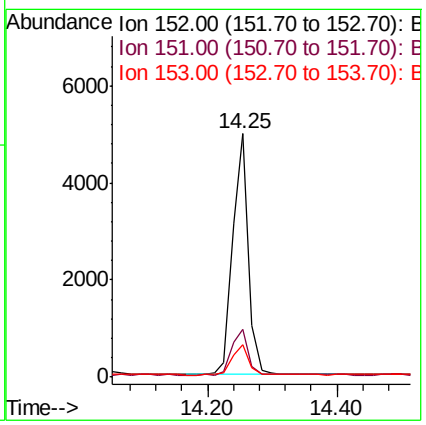


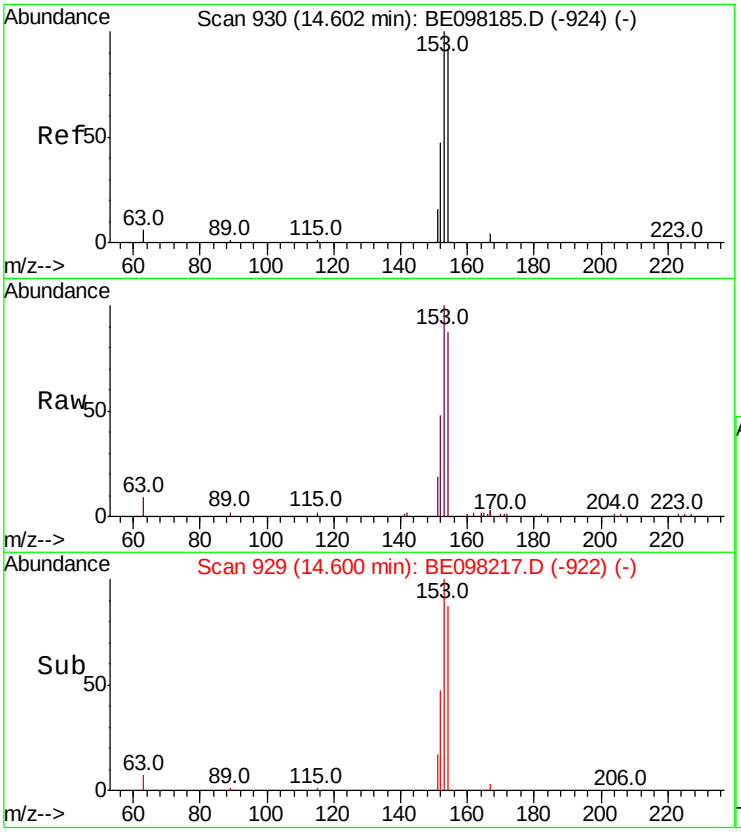


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:152 Resp: 8303

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	12.8	10.6	15.8



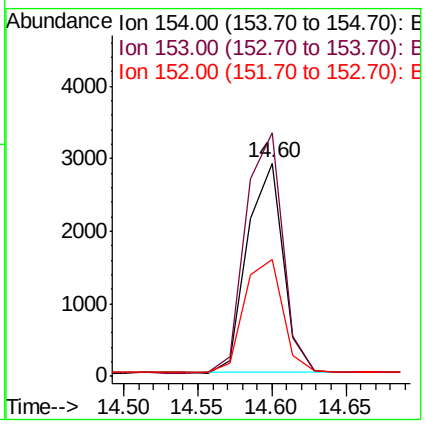


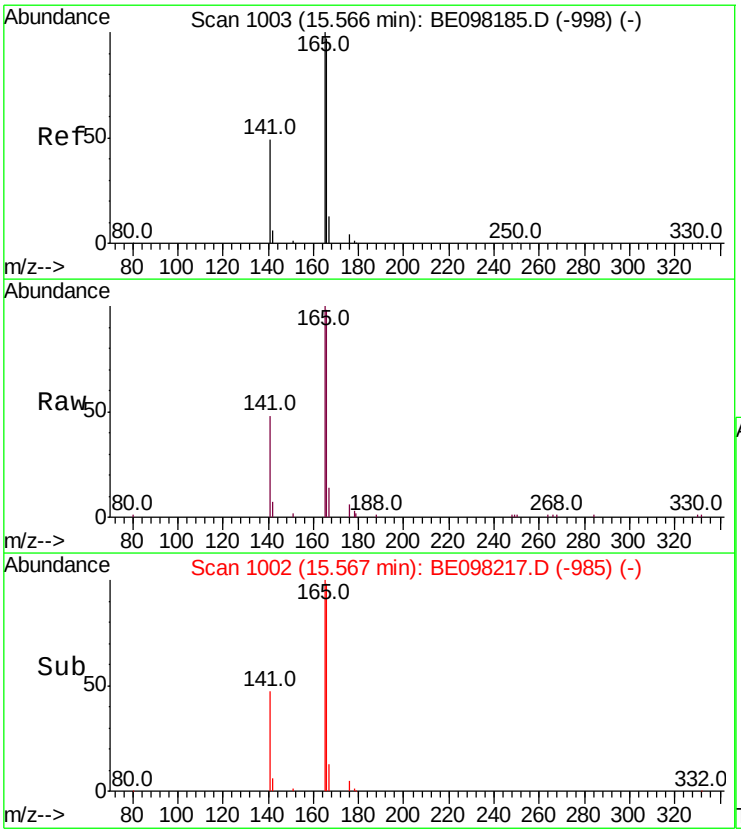
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4905

Ion	Ratio	Lower	Upper
154	100		
153	118.9	92.1	138.1
152	58.0	46.2	69.2

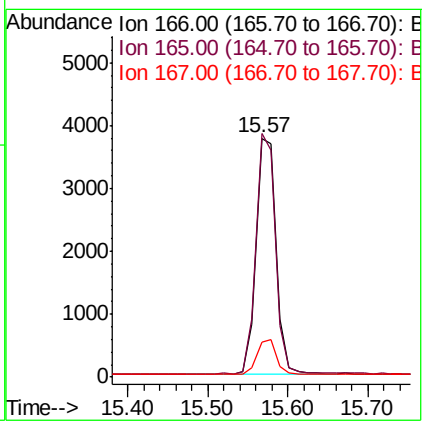


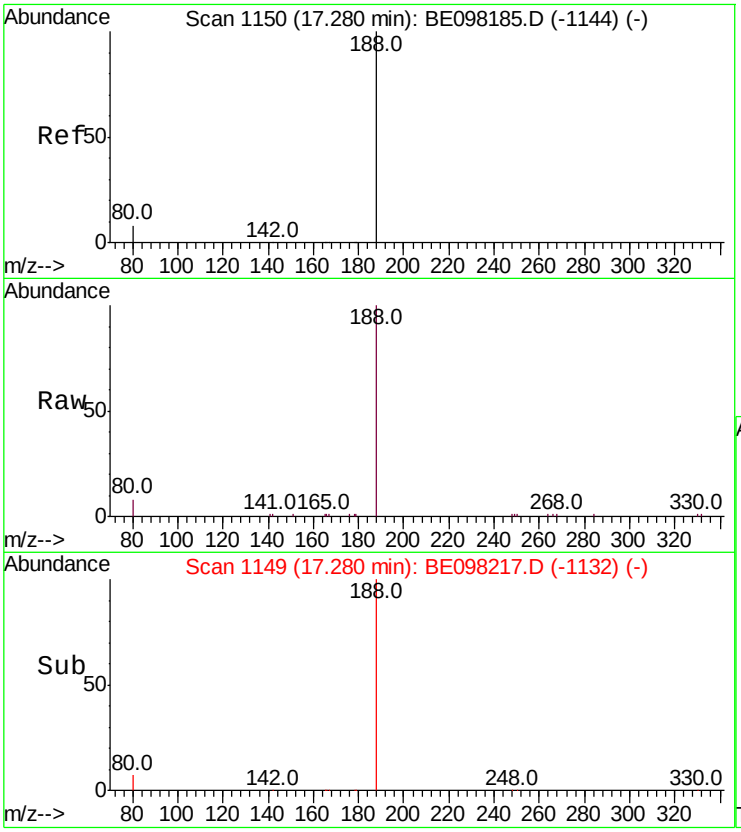


#18
Fluorene
Concen: 0.388 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:166 Resp: 6500

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.1	120.1
167	14.1	10.8	16.2



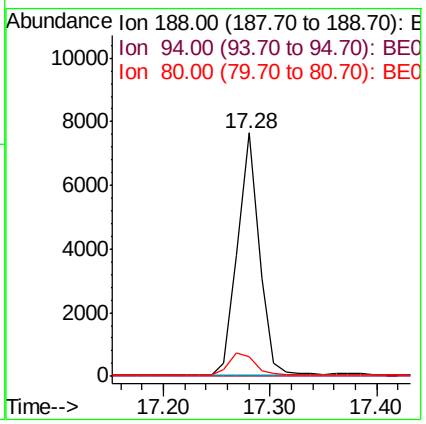


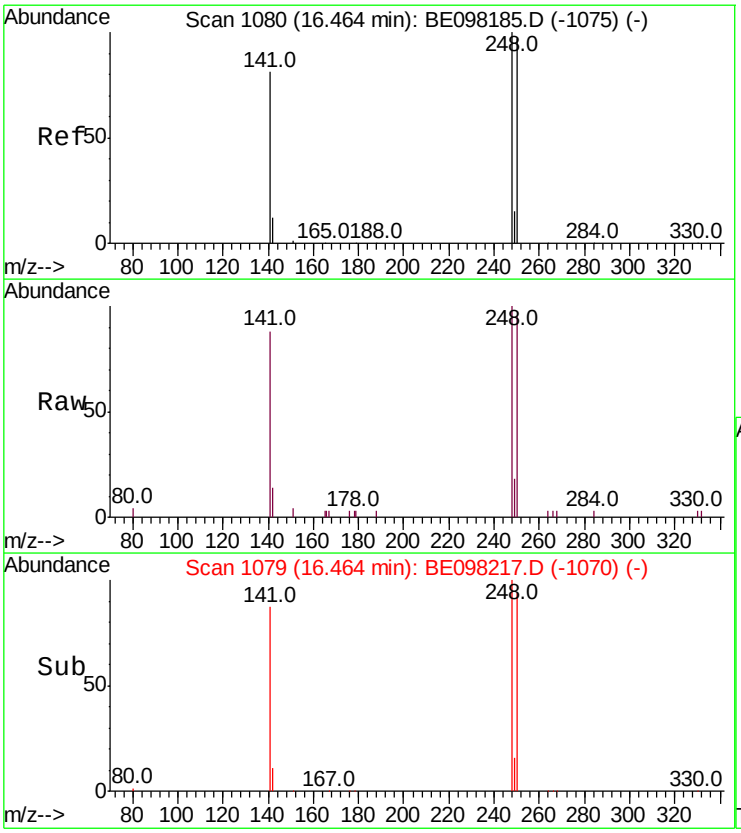
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10732

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.7	10.1

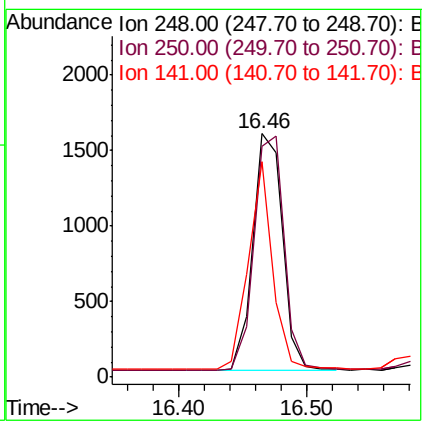


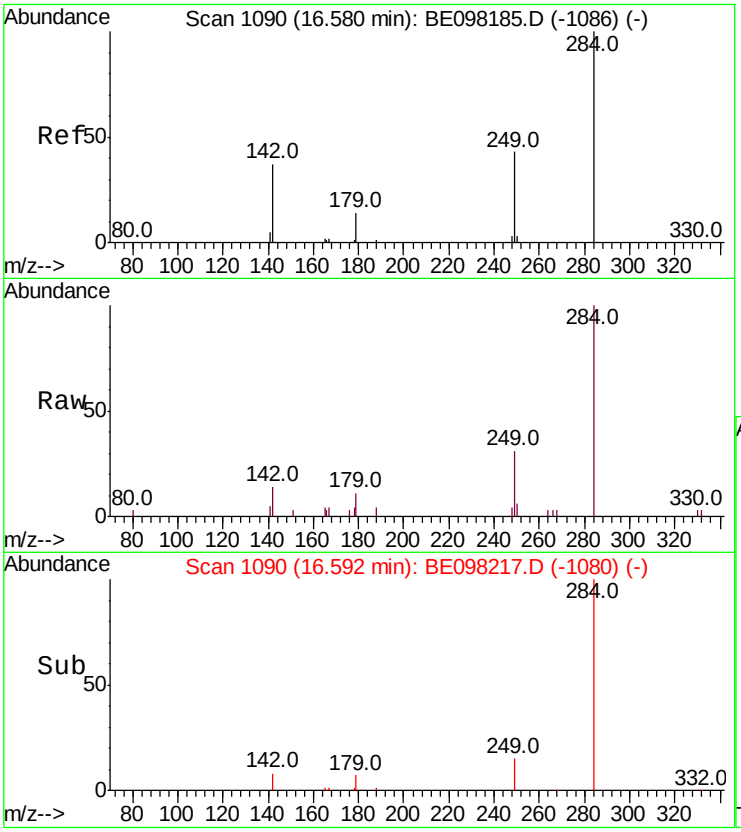


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:248 Resp: 2552

Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.6	116.4
141	88.3	65.8	98.8



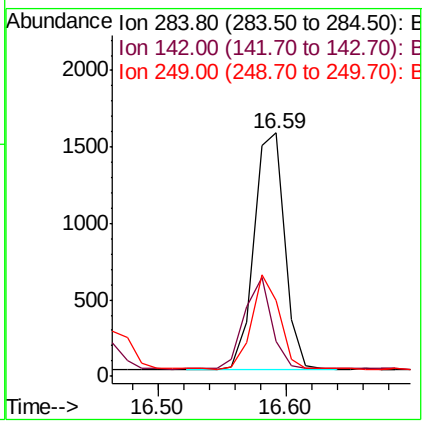


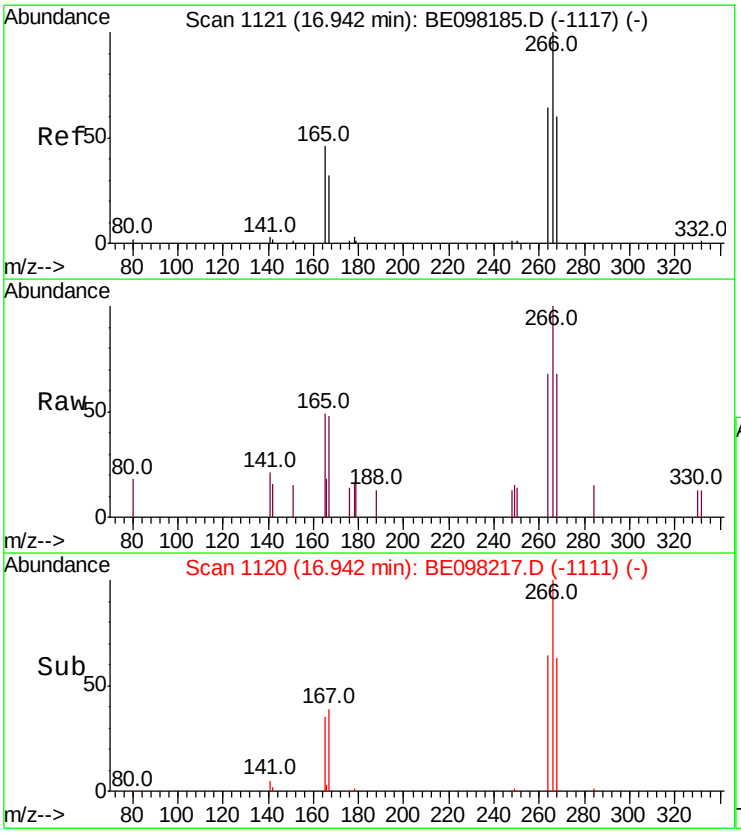
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2589

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.5	39.7
249	35.8	28.4	42.6

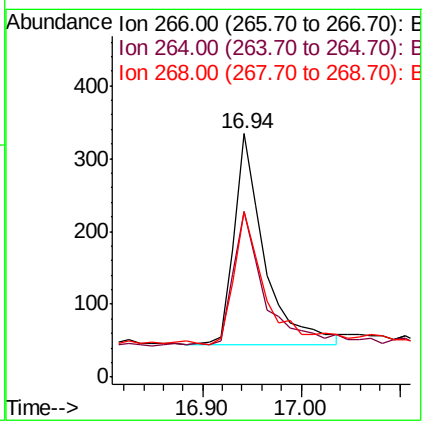


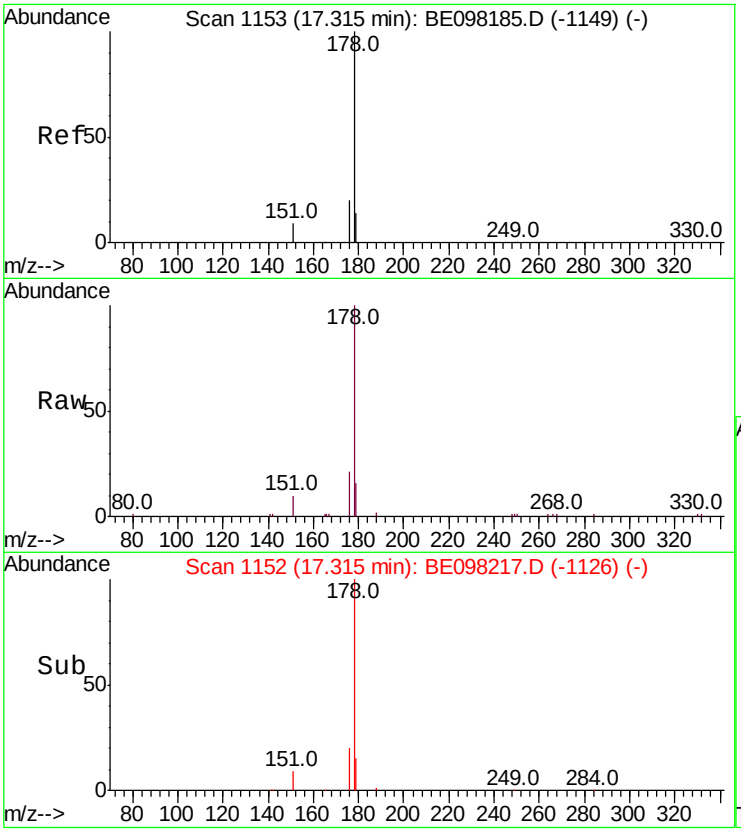


#22
Pentachlorophenol
Concen: 0.483 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:266 Resp: 611

Ion	Ratio	Lower	Upper
266	100		
264	68.3	57.6	86.4
268	68.0	56.8	85.2



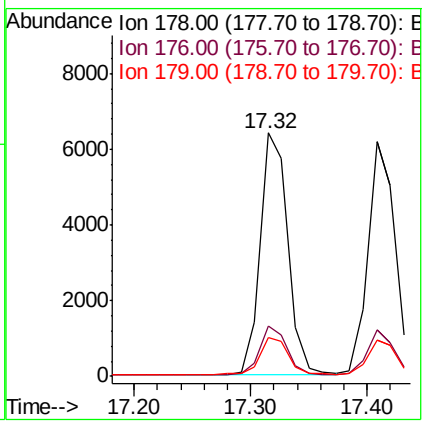


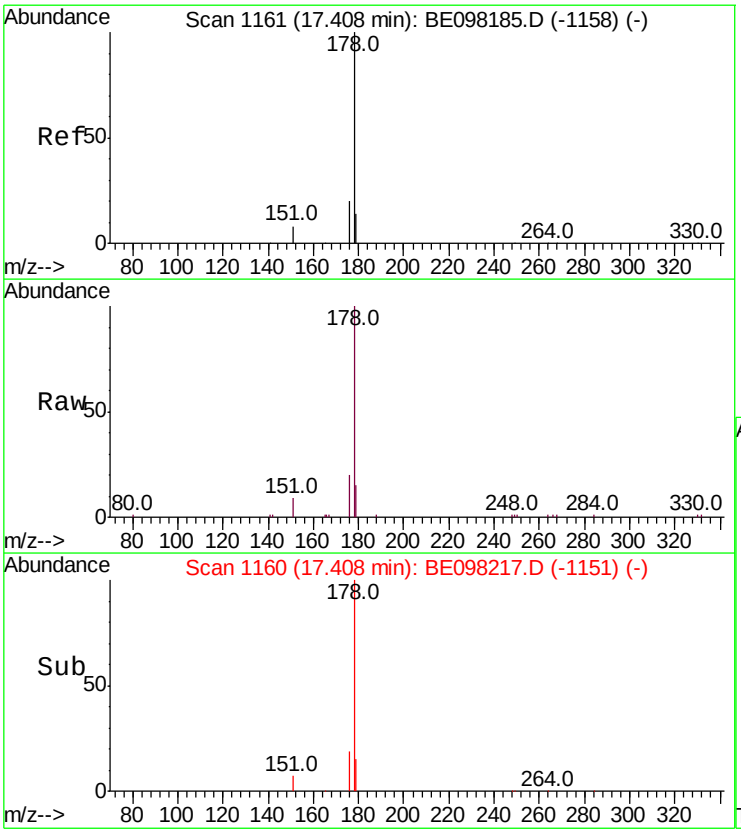
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10504

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	12.3	18.5

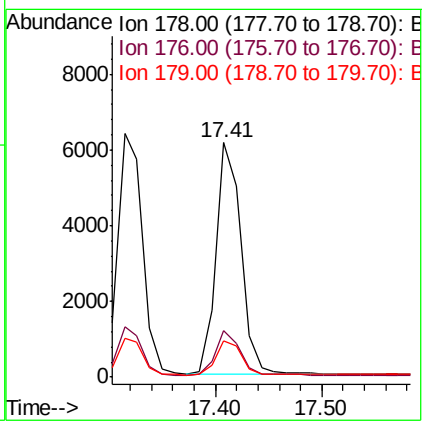


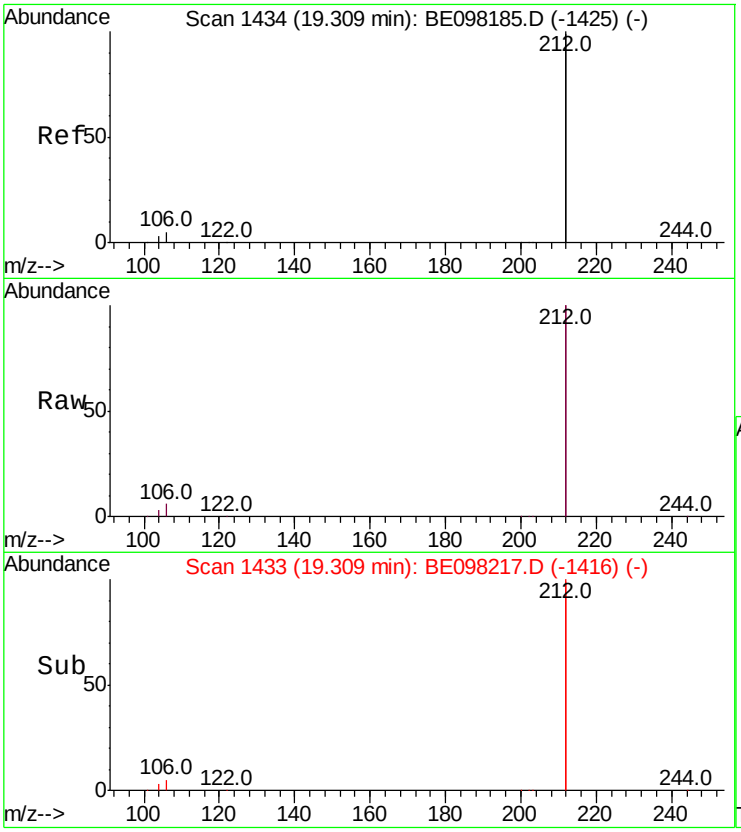


#24
Anthracene
Concen: 0.399 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:178 Resp: 9934

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.2	12.1	18.1



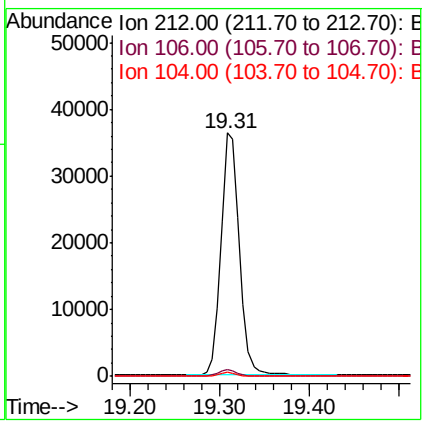


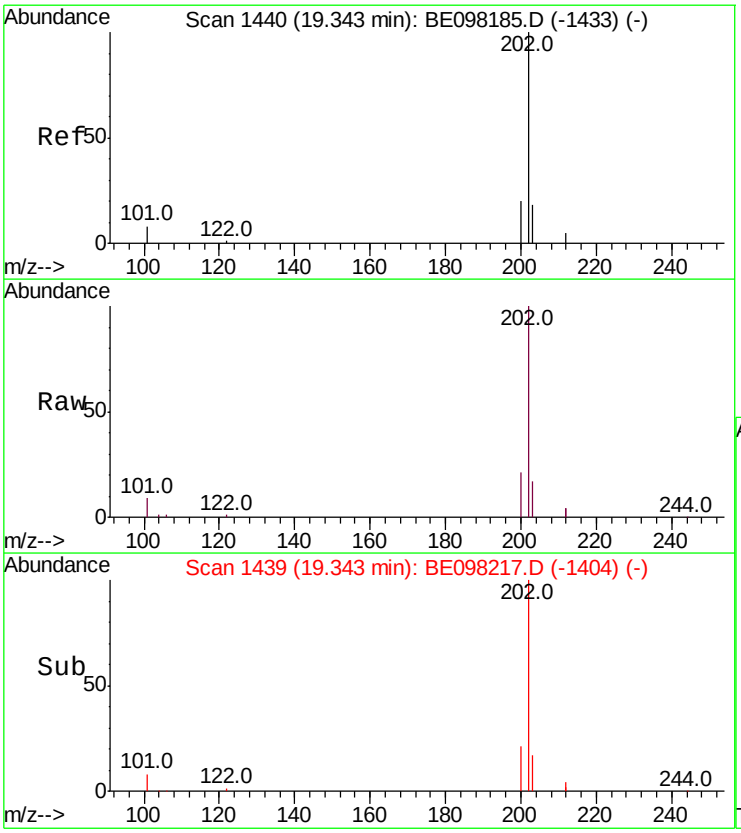
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 51450

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.4	1.1	1.7

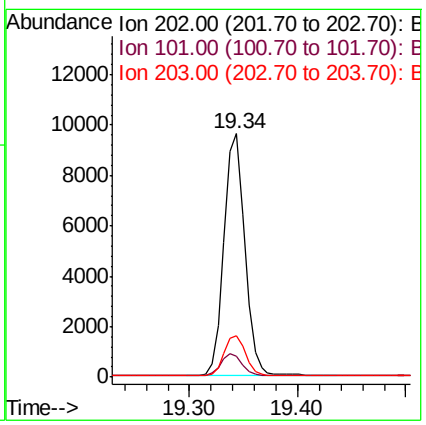


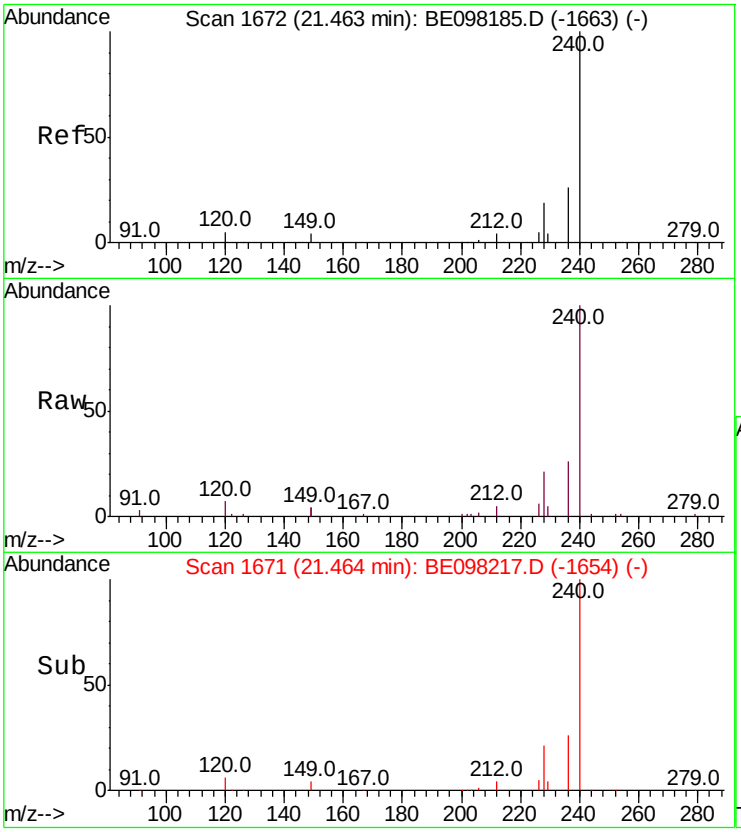


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:202 Resp: 12847

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.0	10.6
203	17.0	13.7	20.5



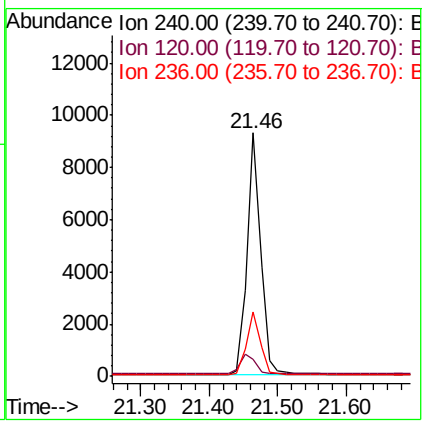


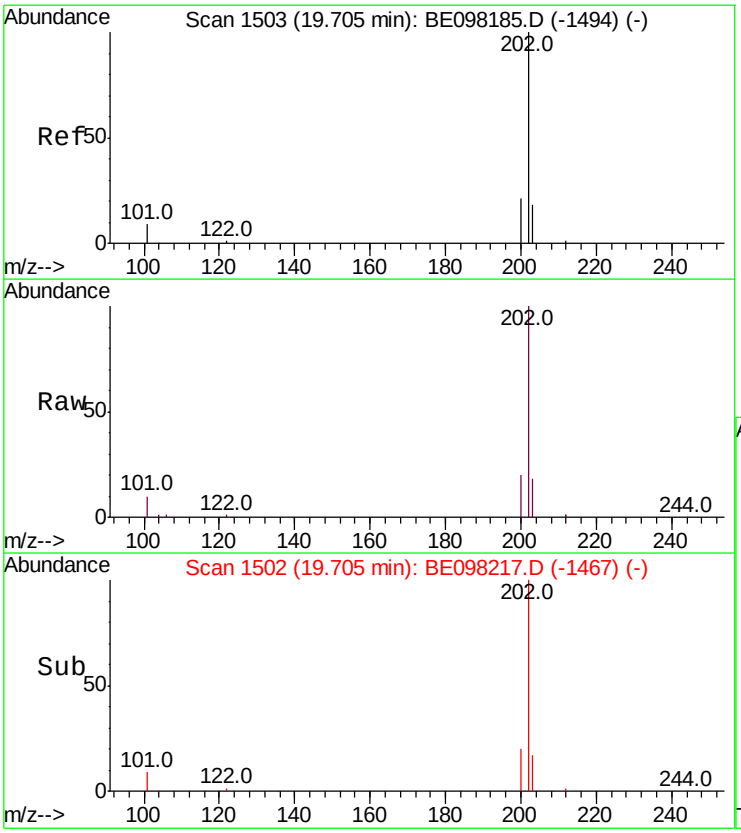
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 12910

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.8	7.2
236	26.2	21.4	32.0

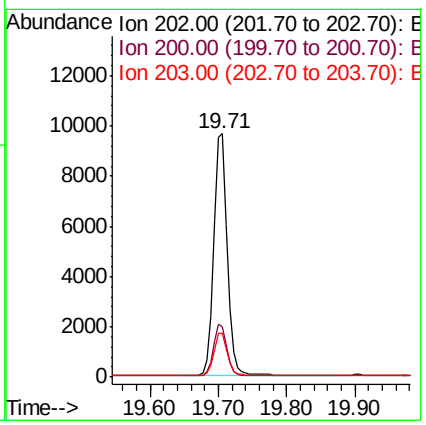


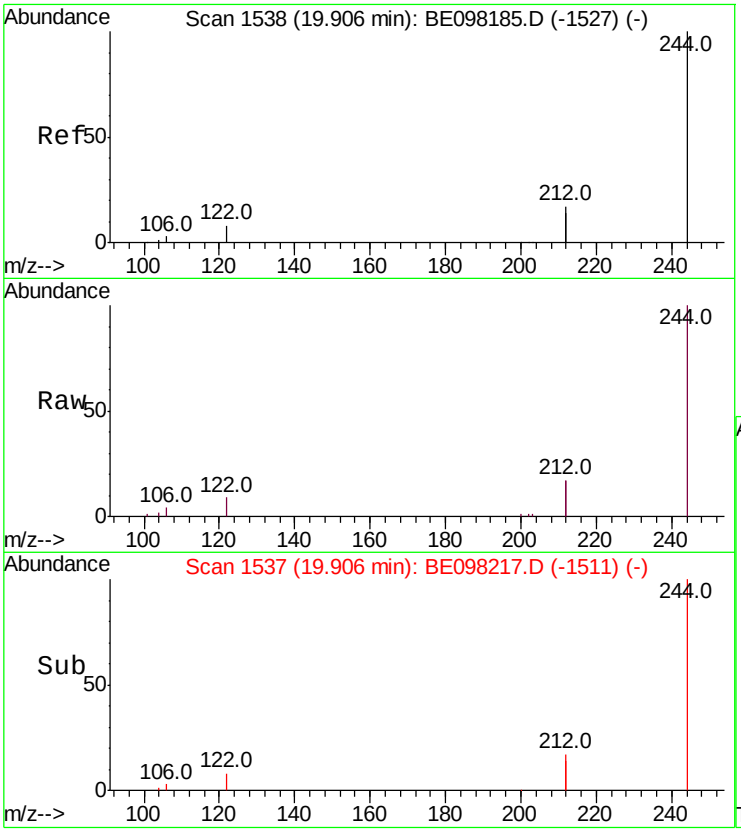


#28
Pyrene
Concen: 0.381 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:202 Resp: 13523

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.7	14.2	21.4



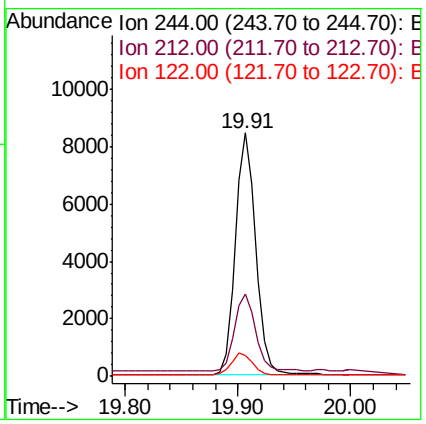


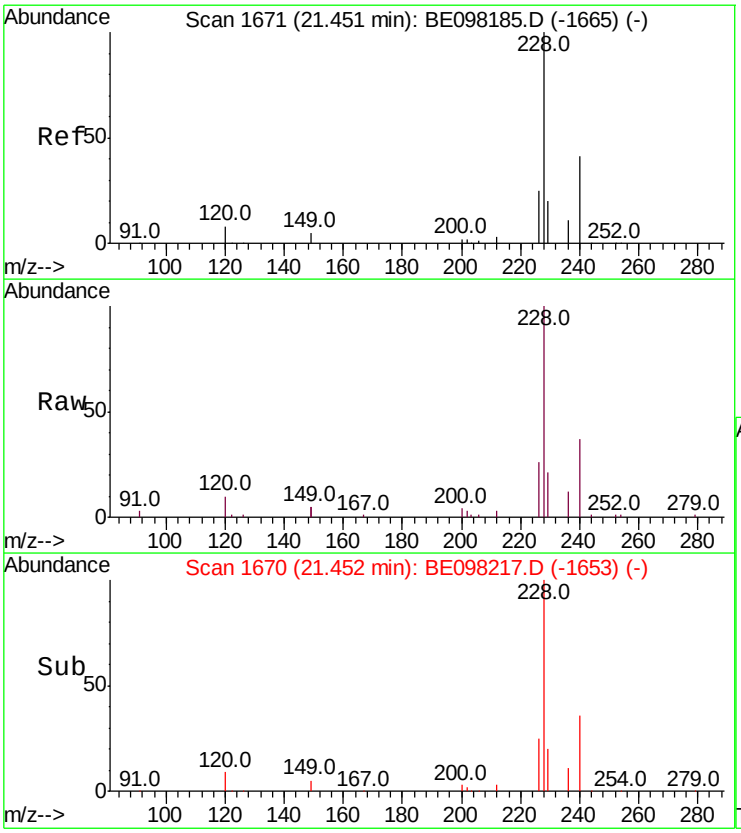
#29
Terphenyl-d14
Concen: 0.366 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10718

Ion	Ratio	Lower	Upper
244	100		
212	33.9	26.8	40.2
122	8.8	7.0	10.6

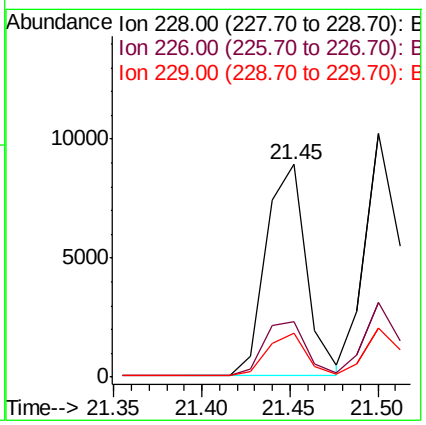


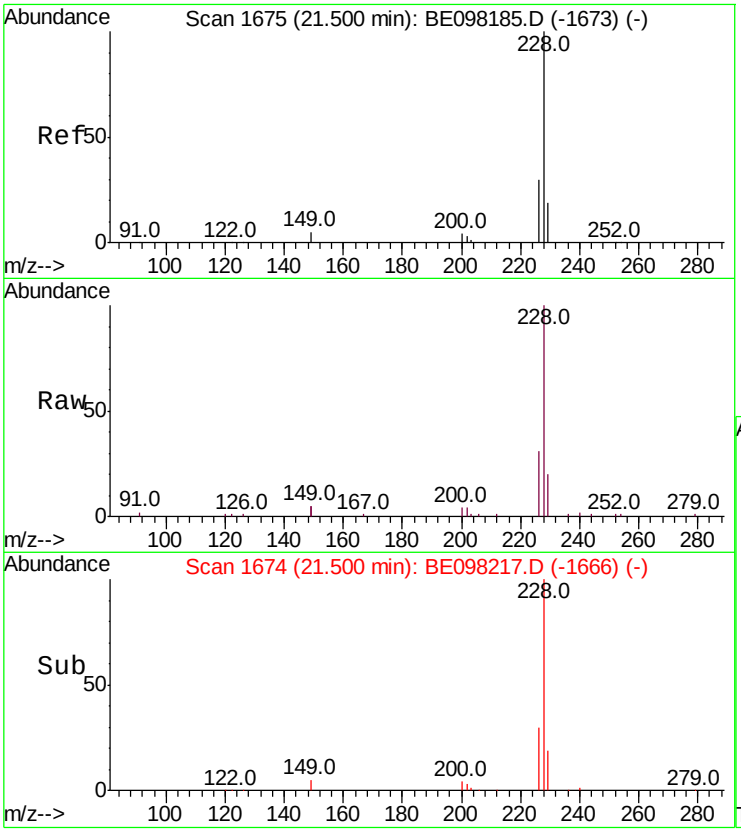


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:228 Resp: 14140

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.8	16.2	24.4



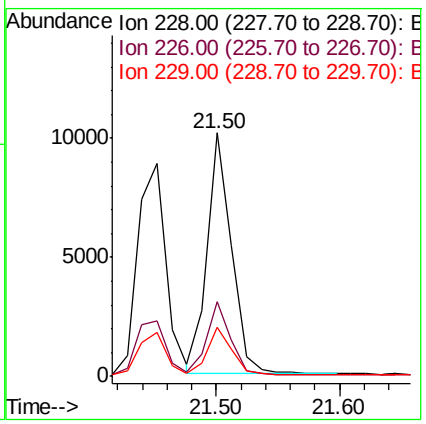


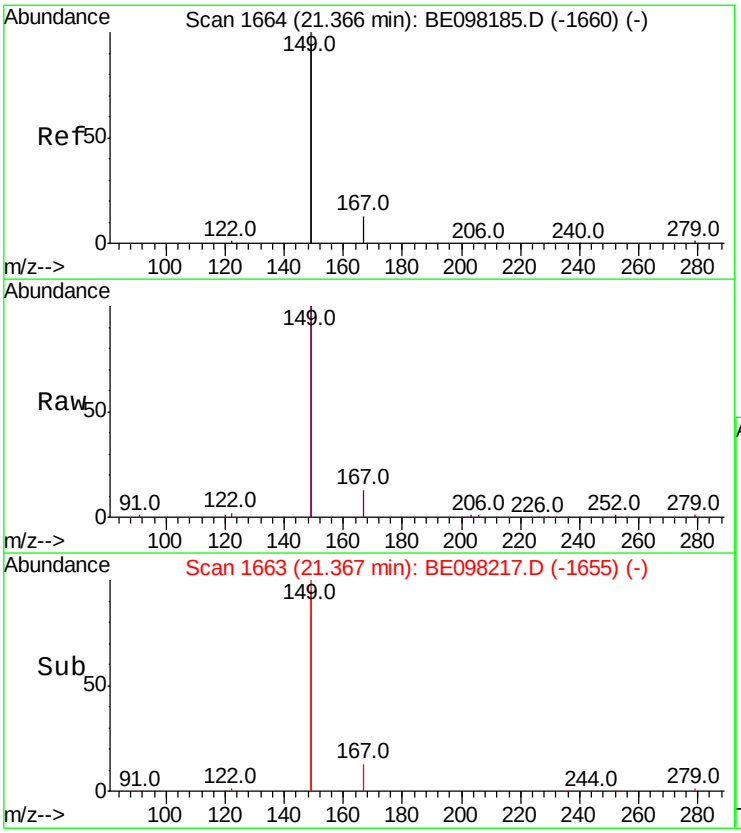
#31
Chrysene
Concen: 0.376 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13990

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	20.1	16.0	24.0

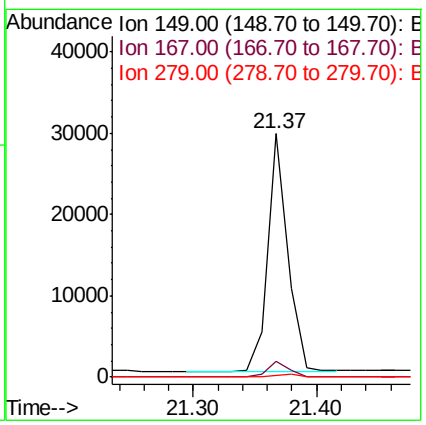


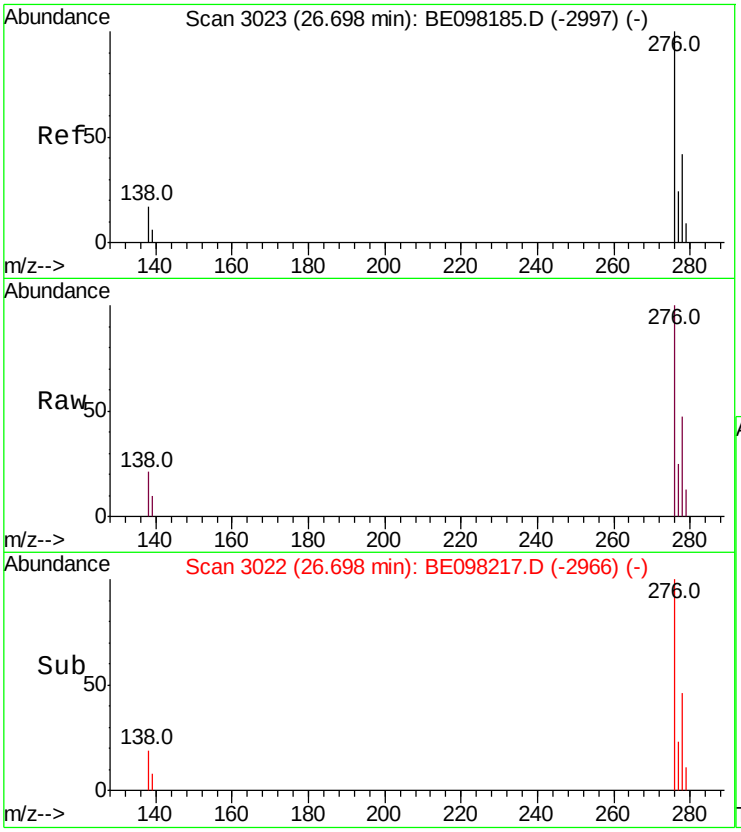


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.429 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:149 Resp: 32712

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.6	8.4
279	1.0	0.9	1.3



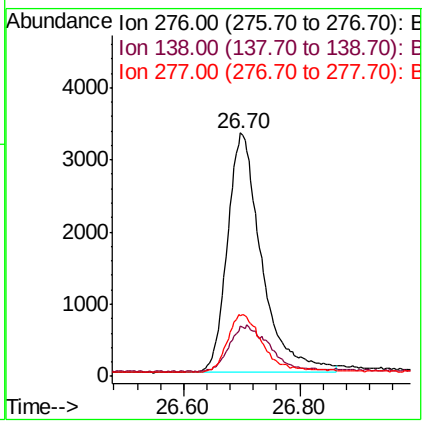


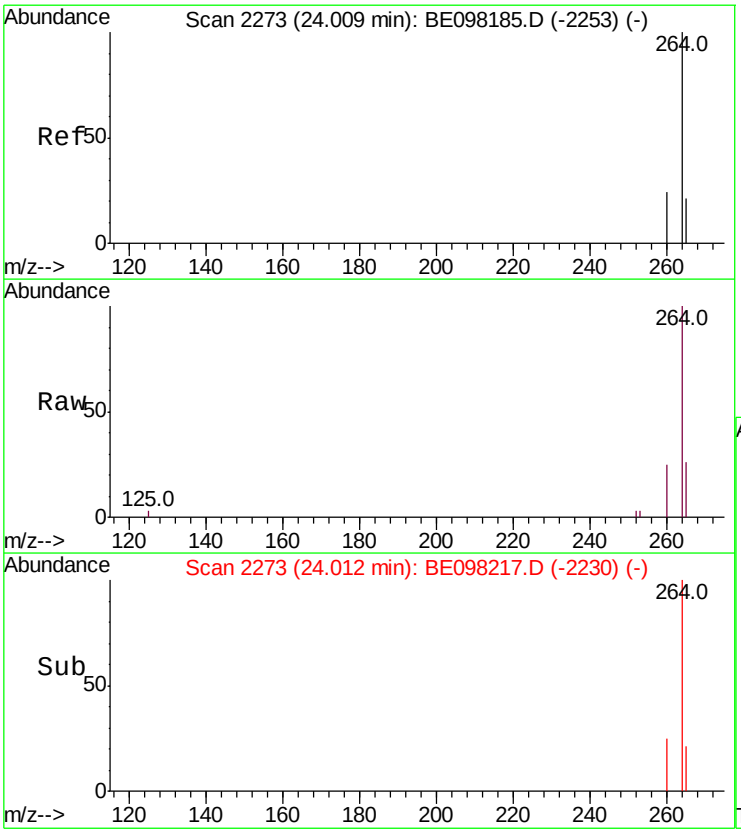
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13637

Ion	Ratio	Lower	Upper
276	100		
138	22.3	6.4	9.6#
277	24.7	18.9	28.3

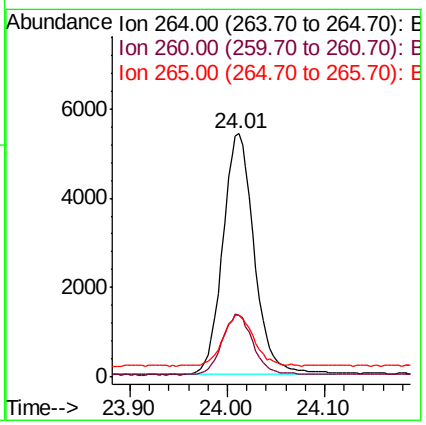


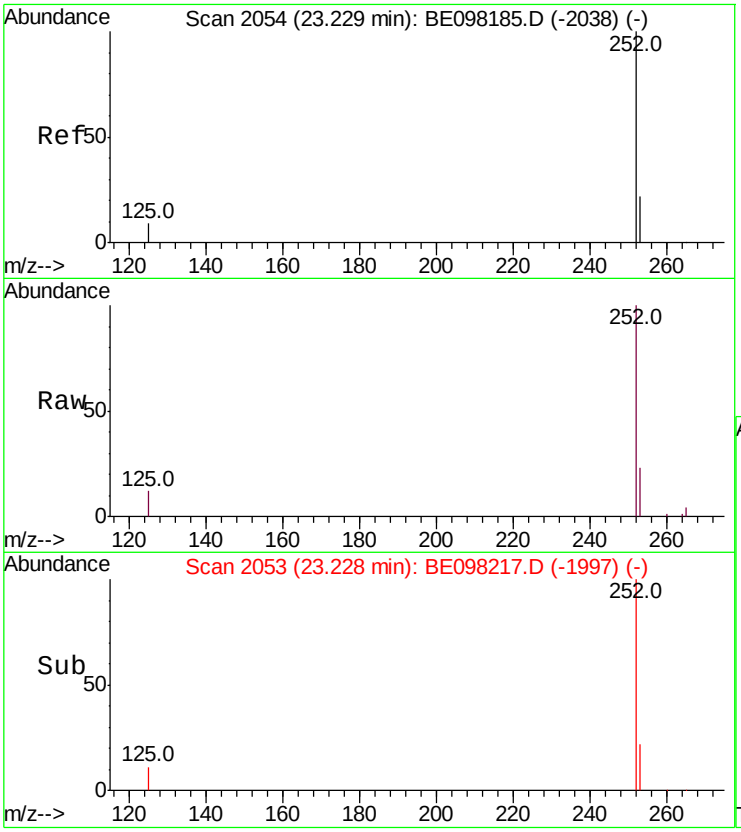


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:264 Resp: 12076

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	25.6	21.3	31.9



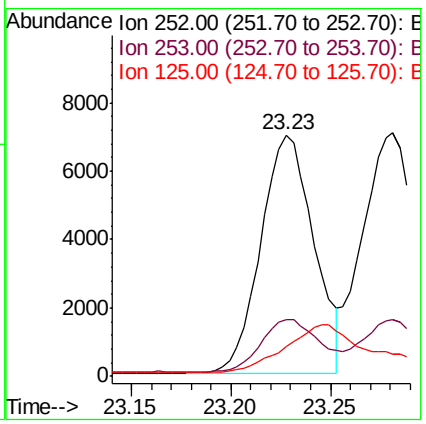


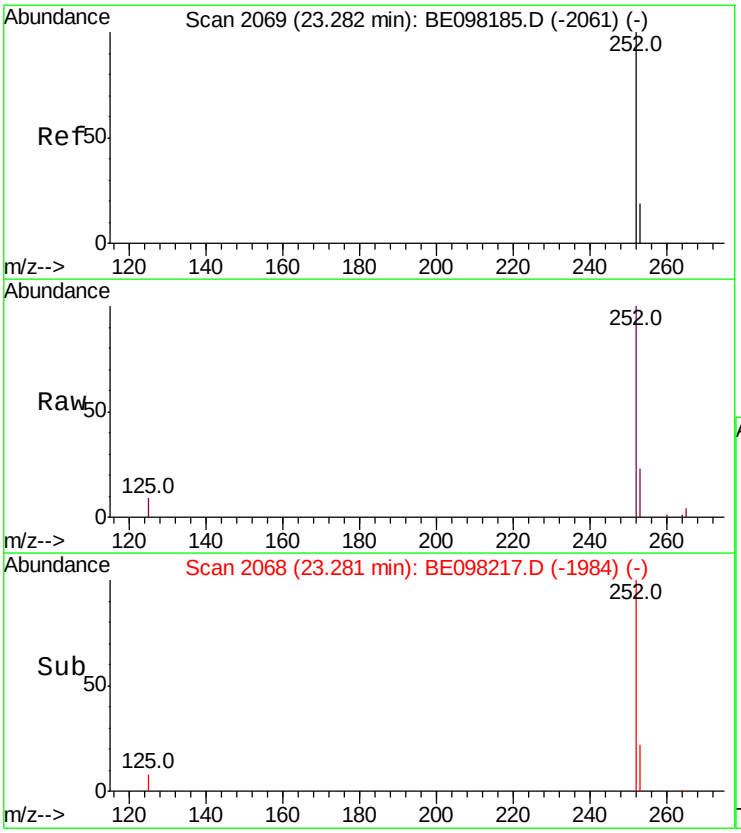
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12853

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.0
125	12.3	8.6	12.8

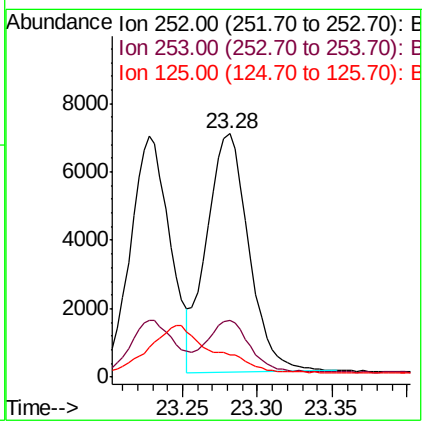


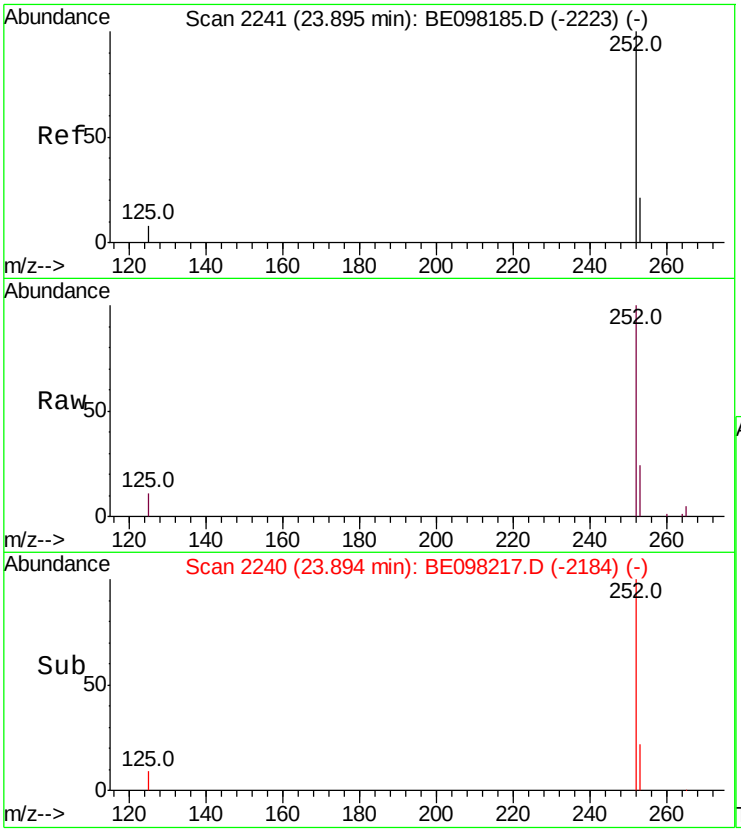


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:252 Resp: 13671

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	9.3	7.4	11.0



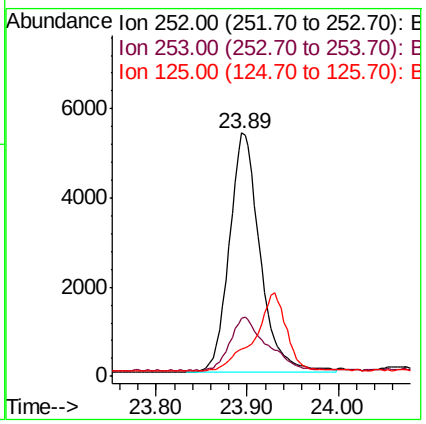


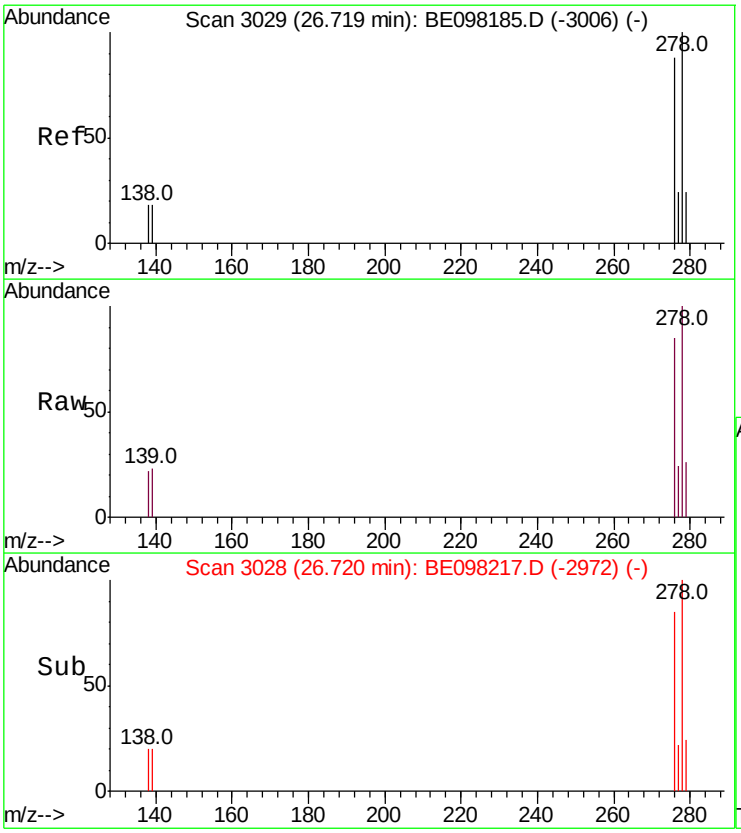
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12613

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	11.3	8.0	12.0

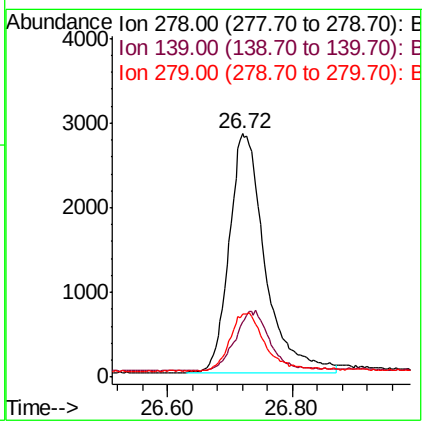


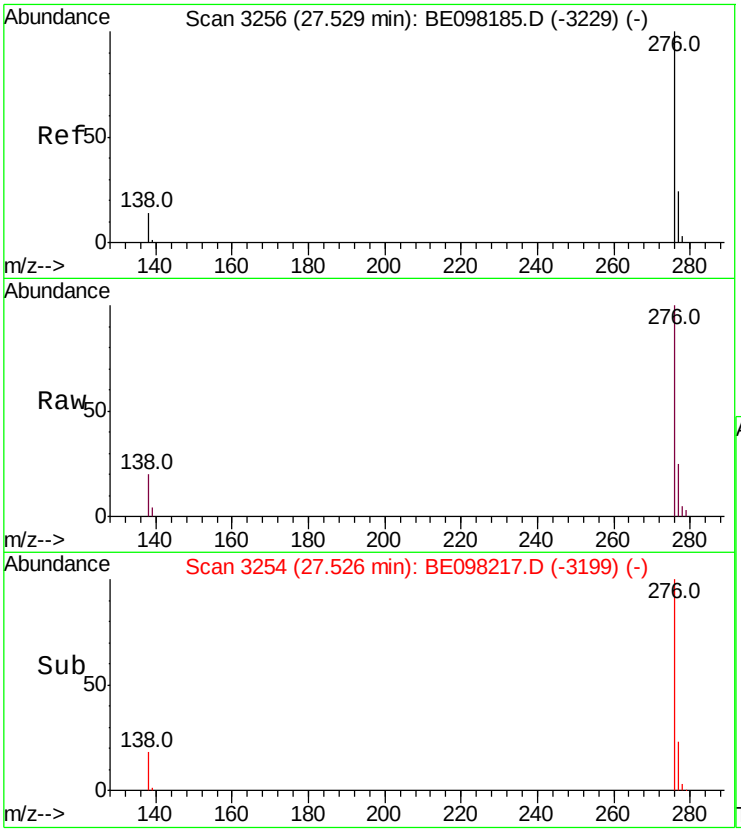


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.72 min Scan# 3028
Delta R.T. 0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Tgt Ion:278 Resp: 11301

Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.4	24.6
279	26.2	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BE098217.D
Acq: 13 Nov 2018 20:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11173

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.4	30.6
138	20.0	13.2	19.8#