Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098219.D
Acq On : 13 Nov 2018 21:32
Operator : SJ/JU
Sample : PB114778BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 14 00:08:14 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	1529	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7753	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4970	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	11368	0.40	ng		0.00
27) Chrysene-d12	21.46	240	13359	0.40	ng		0.00
34) Perylene-d12	24.01	264	12722	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1752	0.41	ng		0.00
5) Phenol-d6	7.03	99	2880	0.42	ng		0.00
8) Nitrobenzene-d5	9.02	82	3084	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	5092	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	792	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7680	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	53879	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	11158	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	914	0.397	ng		93
3) n-Nitrosodimethylamine	3.68	42	1154	0.385	ng	#	96
6) bis(2-Chloroethyl)ether	7.29	93	2186	0.391	ng		96
9) Naphthalene	10.72	128	29891	0.379	ng		99
10) Hexachlorobutadiene	11.00	225	1773	0.362	ng		99
12) 2-Methylnaphthalene	12.34	142	5303	0.388	ng		94
16) Acenaphthylene	14.25	152	8794	0.386	ng		98
17) Acenaphthene	14.60	154	5376	0.386	ng		99
18) Fluorene	15.58	166	6866	0.385	ng		98
20) 4-Bromophenyl-phenylether	16.46	248	2664	0.385	ng		96
21) Hexachlorobenzene	16.59	284	2783	0.386	ng		98
22) Pentachlorophenol	16.94	266	576	0.438	ng		98
23) Phenanthrene	17.31	178	11060	0.391	ng		100
24) Anthracene	17.41	178	10199	0.387	ng		99
26) Fluoranthene	19.34	202	13476	0.384	ng		99
28) Pyrene	19.70	202	14154	0.385	ng		99
30) Benzo(a)anthracene	21.45	228	14538	0.383	ng		99
31) Chrysene	21.50	228	14401	0.374	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	33112	0.420	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	13804	0.390	ng	#	86
35) Benzo(b)fluoranthene	23.23	252	13564	0.376	ng		97
36) Benzo(k)fluoranthene	23.28	252	14763	0.388	ng		99
37) Benzo(a)pyrene	23.90	252	13358	0.386	ng		99
38) Dibenzo(a,h)anthracene	26.73	278	11614	0.394	ng		95
39) Benzo(g,h,i)perylene	27.53	276	11723	0.381	ng		97

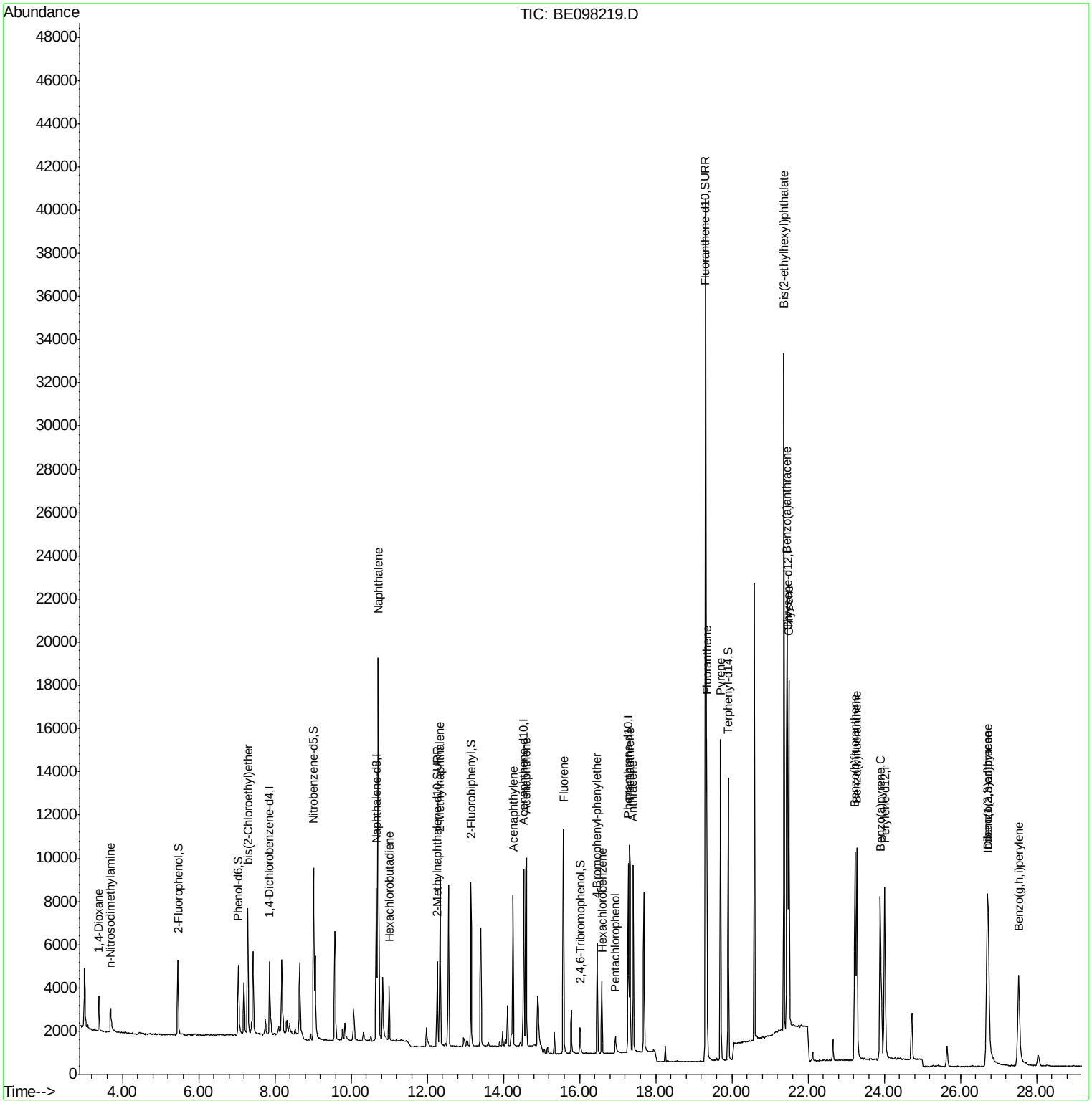
(#) = qualifier out of range (m) = manual integration (+) = signals summed

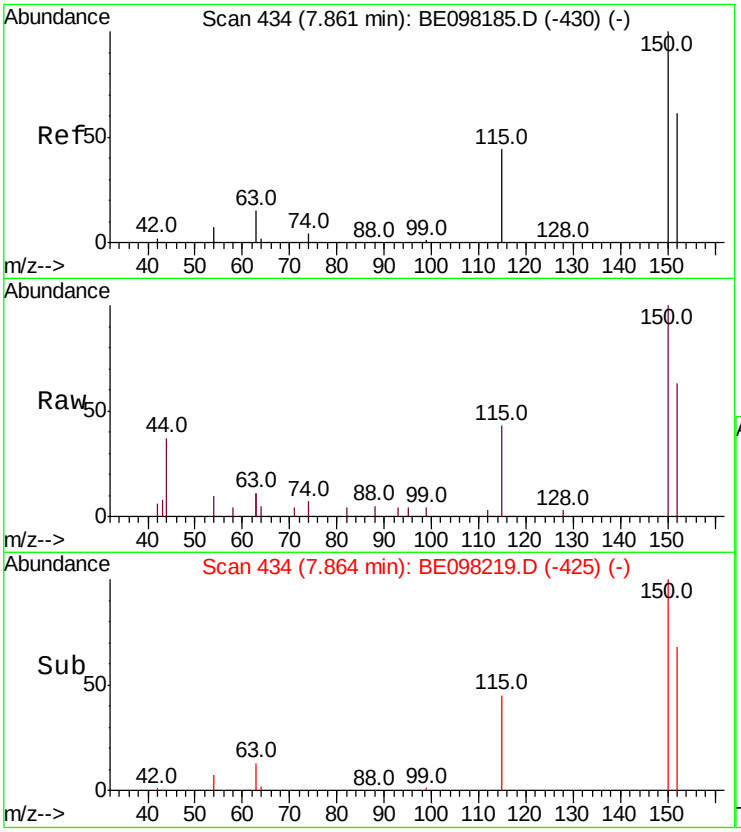
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
Data File : BE098219.D
Acq On : 13 Nov 2018 21:32
Operator : SJ/JU
Sample : PB114778BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 14 00:08:14 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



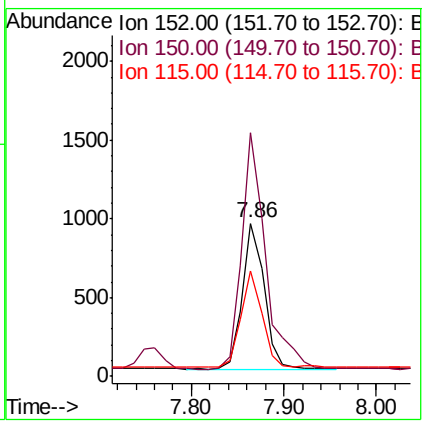


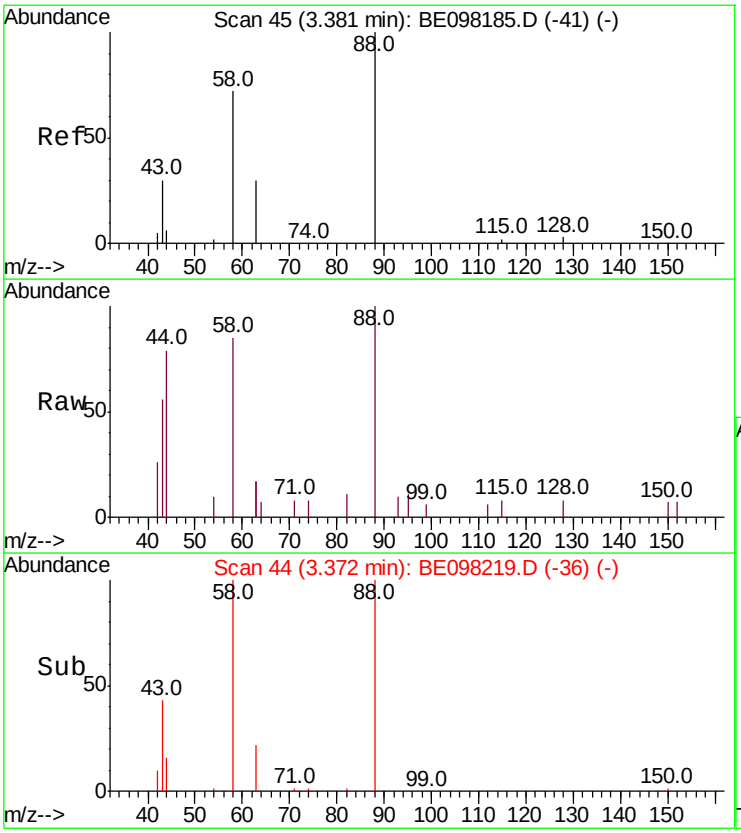
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1529

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.5	191.3
115	69.1	60.3	90.5

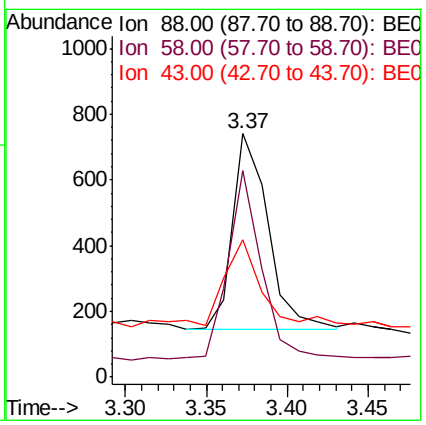


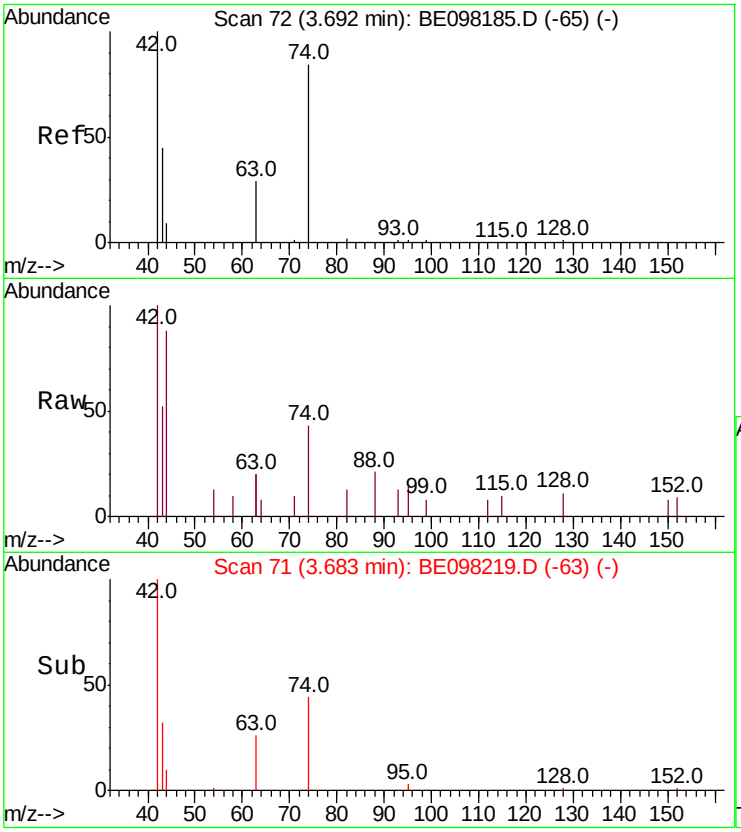


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion: 88 Resp: 914

Ion	Ratio	Lower	Upper
88	100		
58	91.9	79.0	118.4
43	52.1	38.1	57.1



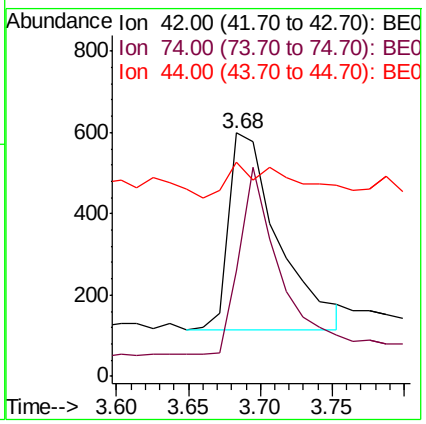


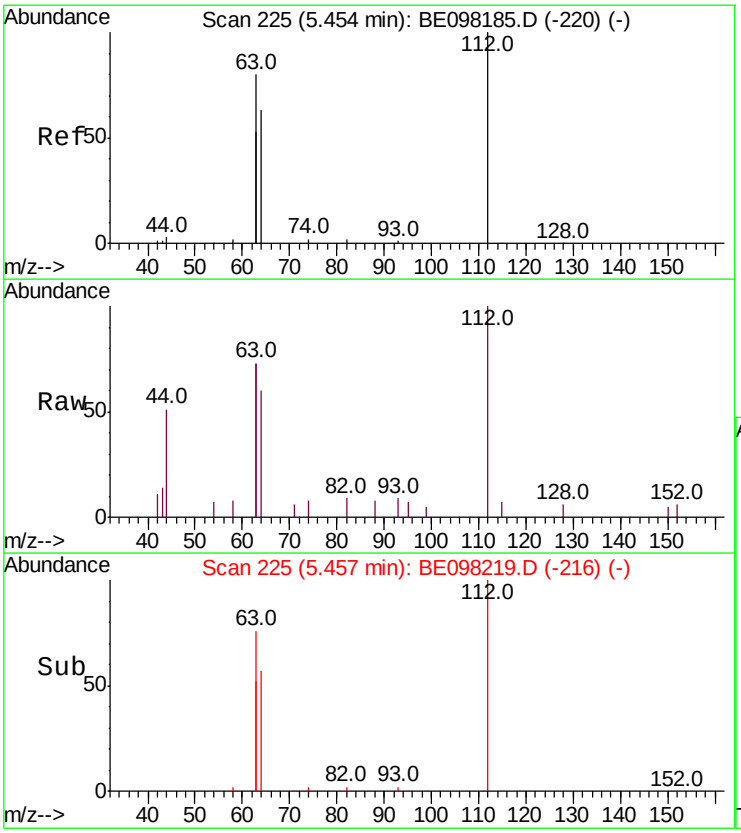
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1154

Ion	Ratio	Lower	Upper
42	100		
74	79.4	61.7	92.5
44	22.6	14.0	21.0#

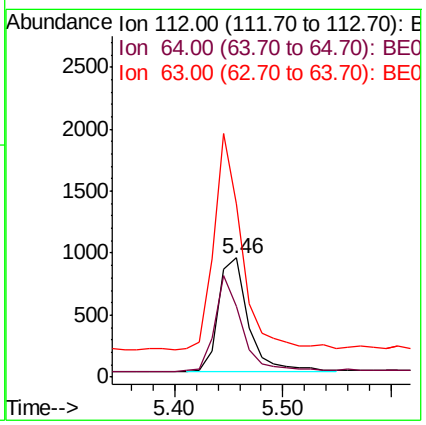


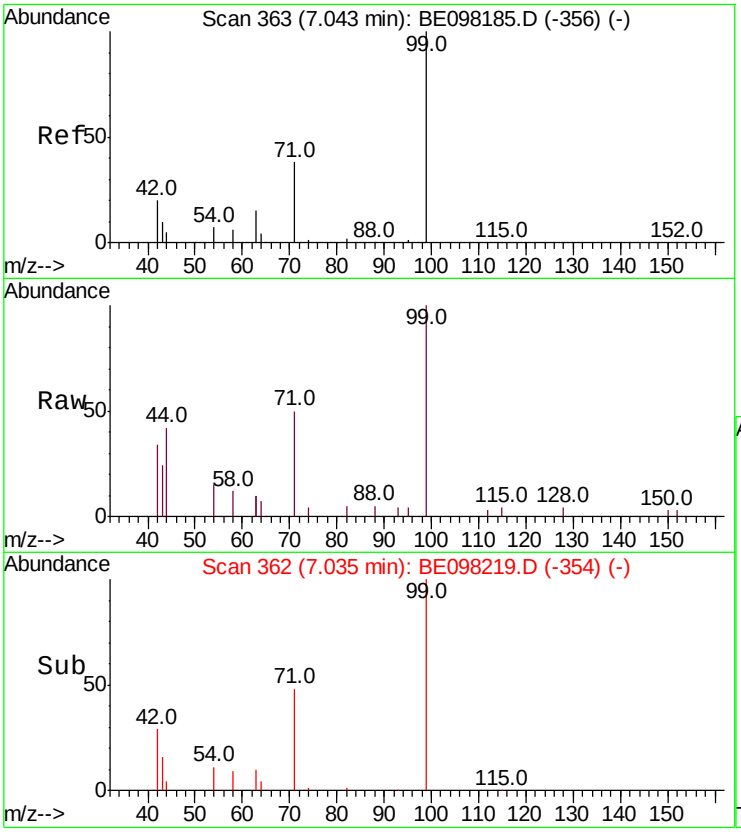


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:112 Resp: 1752

Ion	Ratio	Lower	Upper
112	100		
64	78.6	61.7	92.5
63	174.1	136.2	204.2



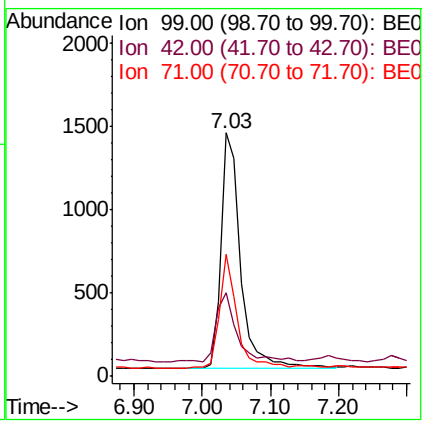


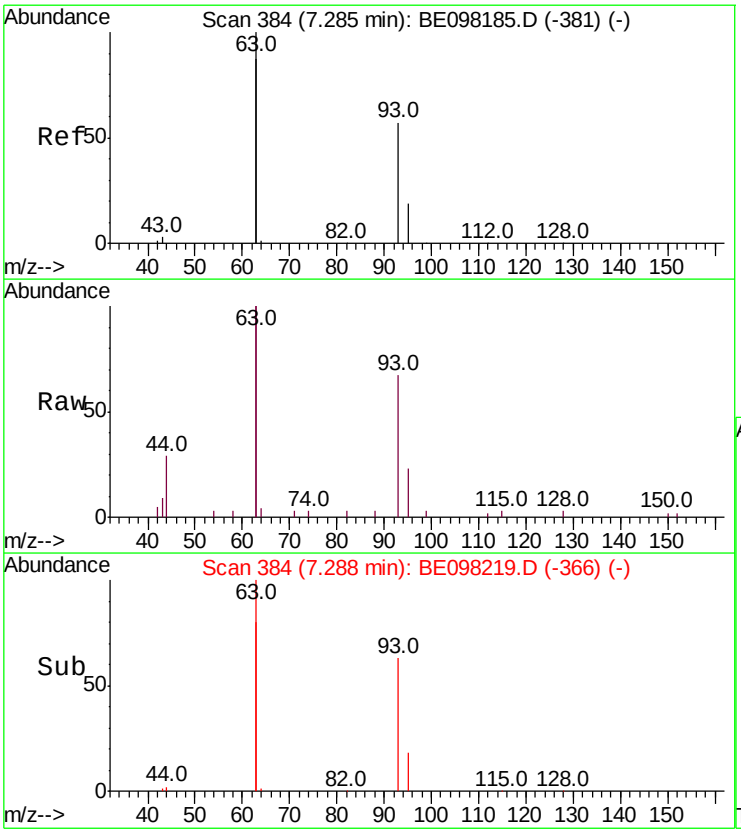
#5
Phenol-d6
Concen: 0.415 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2880

Ion	Ratio	Lower	Upper
99	100		
42	29.6	27.1	40.7
71	42.4	37.0	55.6

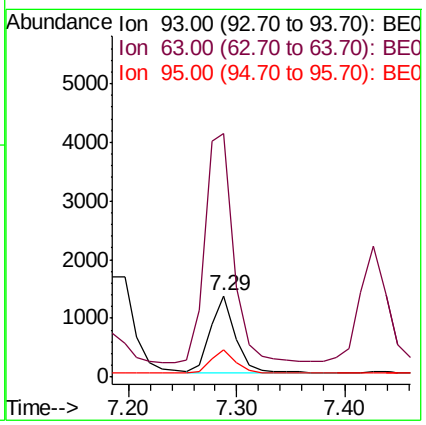


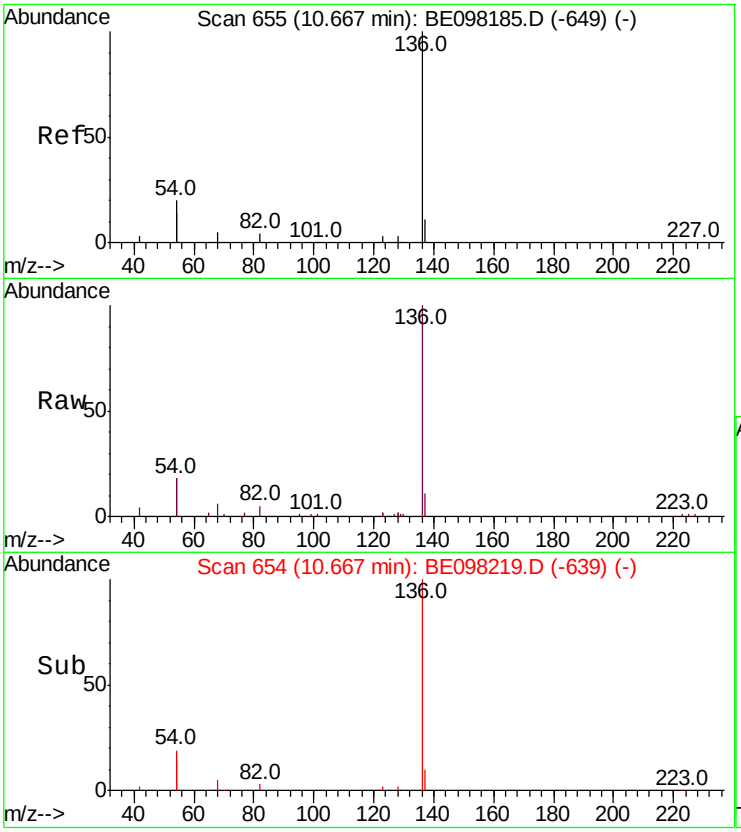


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion: 93 Resp: 2186

Ion	Ratio	Lower	Upper
93	100		
63	332.7	272.6	409.0
95	30.2	27.1	40.7



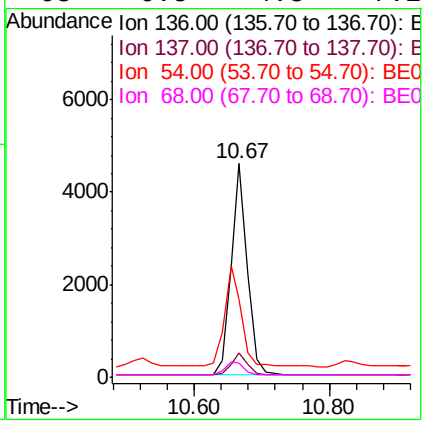


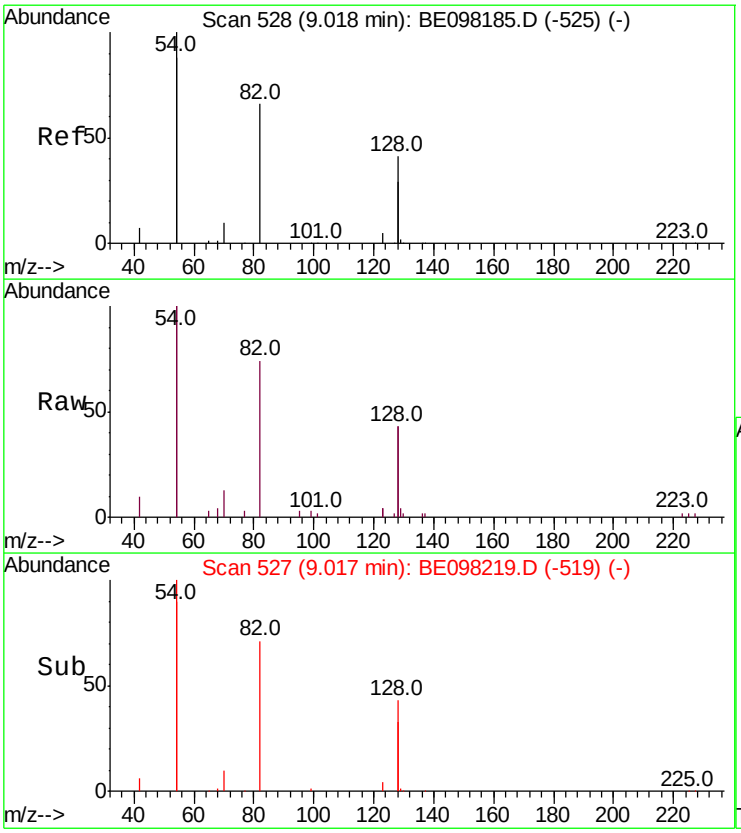
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7753

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	36.8	31.3	46.9
68	6.5	4.8	7.2

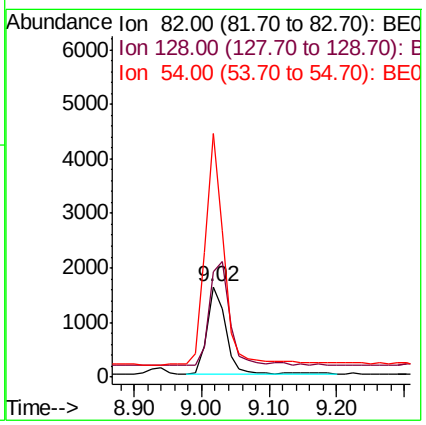


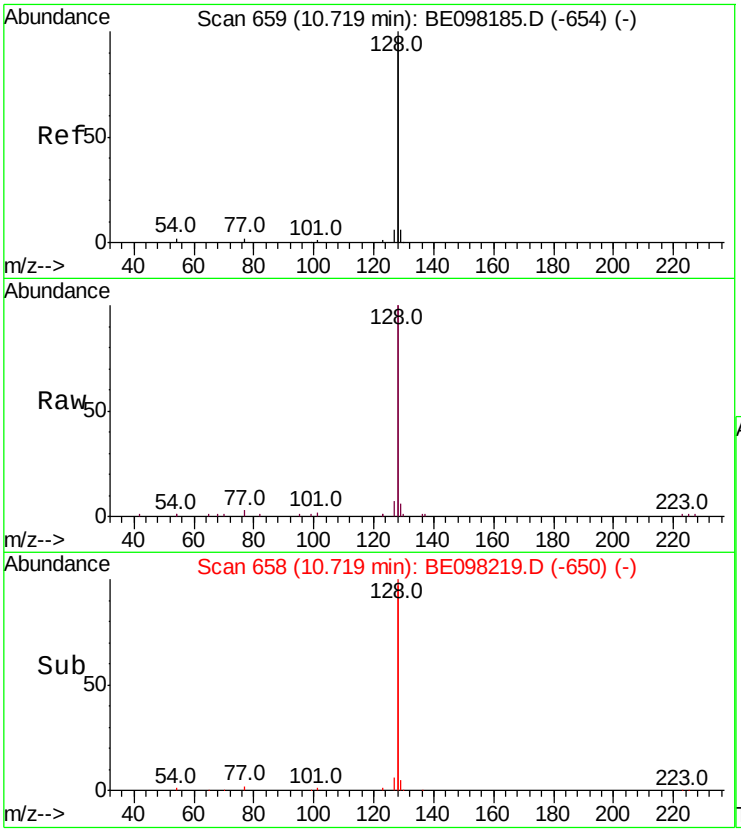


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion: 82 Resp: 3084

Ion	Ratio	Lower	Upper
82	100		
128	116.0	96.1	144.1
54	269.1	232.0	348.0



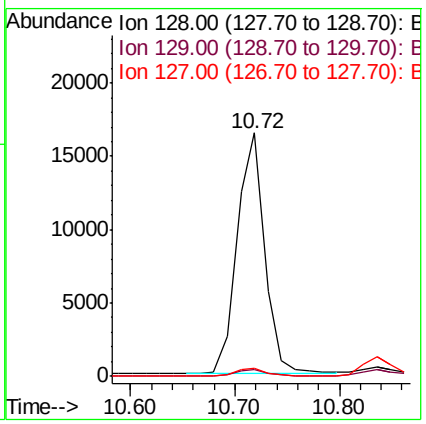


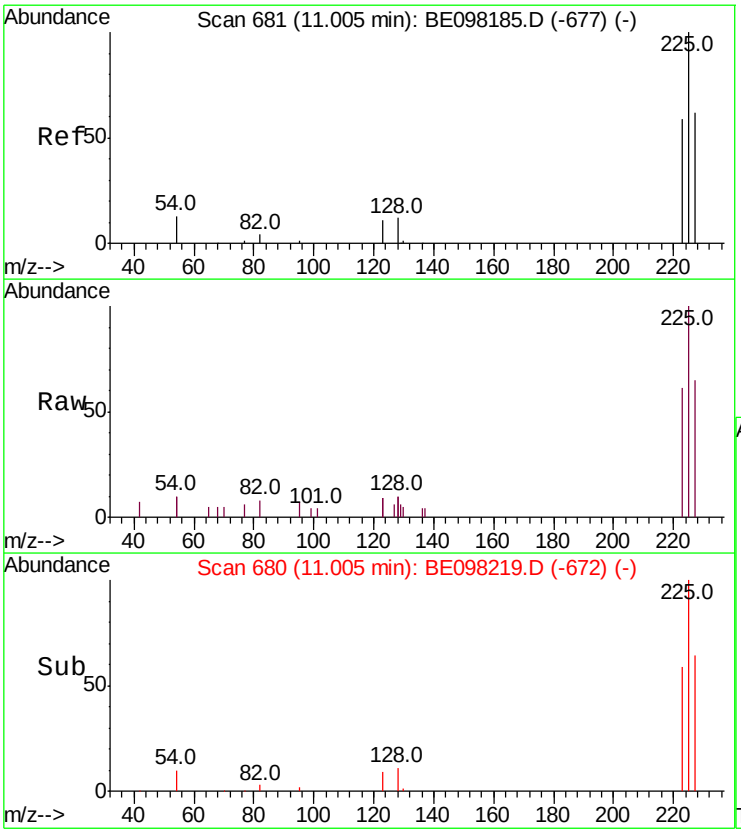
#9
Naphthalene
Concen: 0.379 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 29891

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.4	2.8	4.2

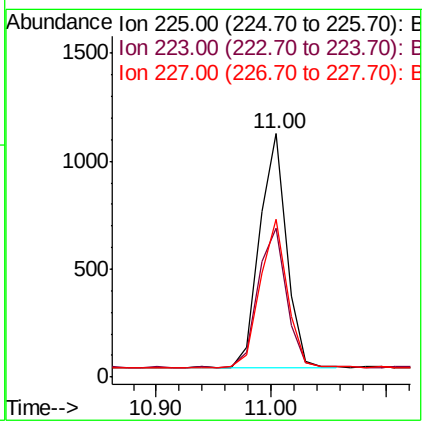


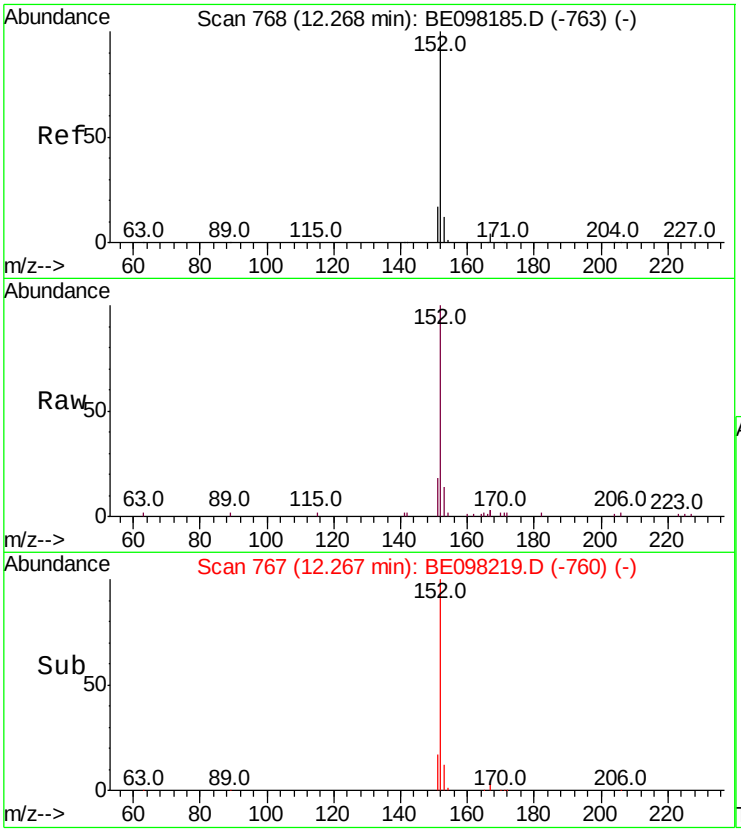


#10
Hexachlorobutadiene
Concen: 0.362 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:225 Resp: 1773

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	64.0	50.3	75.5



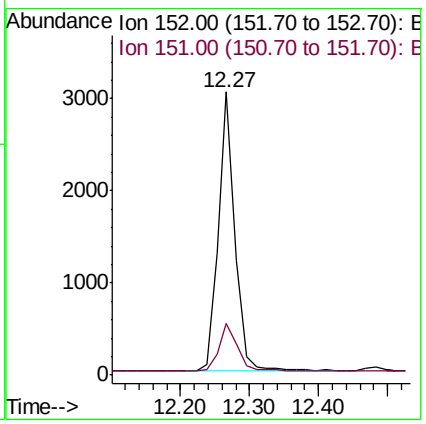


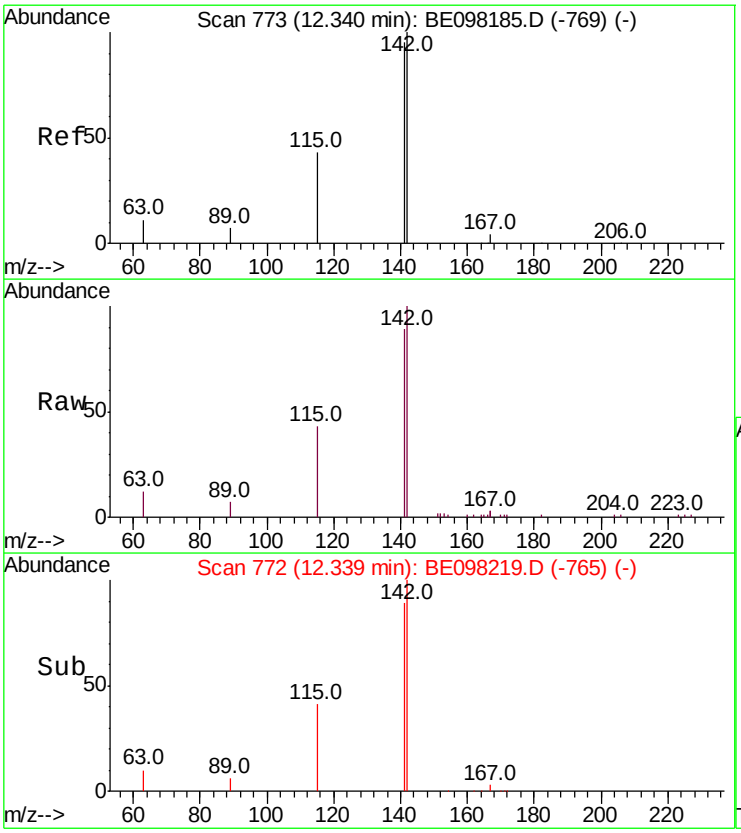
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5092

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.2

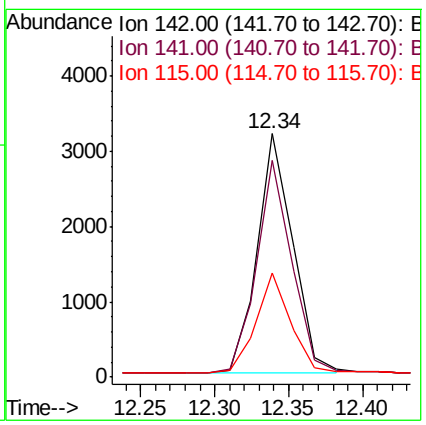


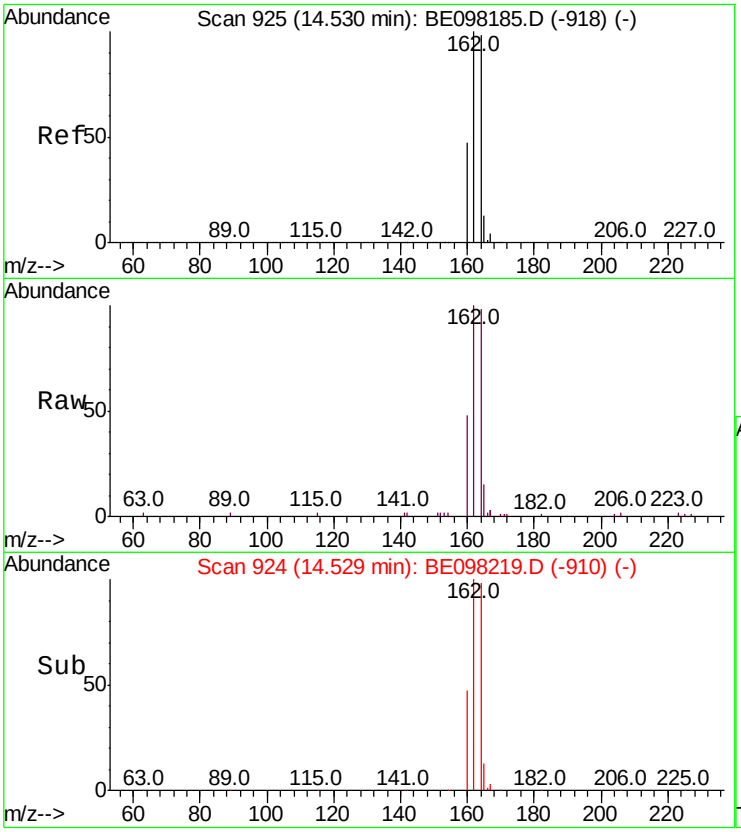


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:142 Resp: 5303

Ion	Ratio	Lower	Upper
142	100		
141	88.8	76.3	114.5
115	42.5	35.8	53.8



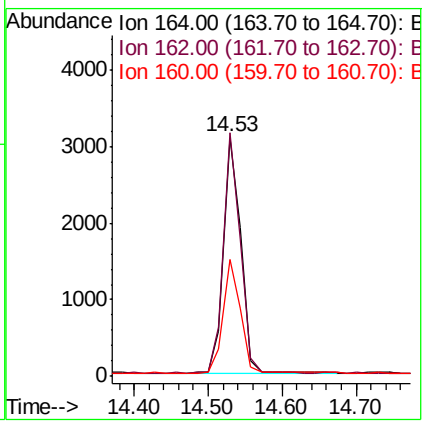


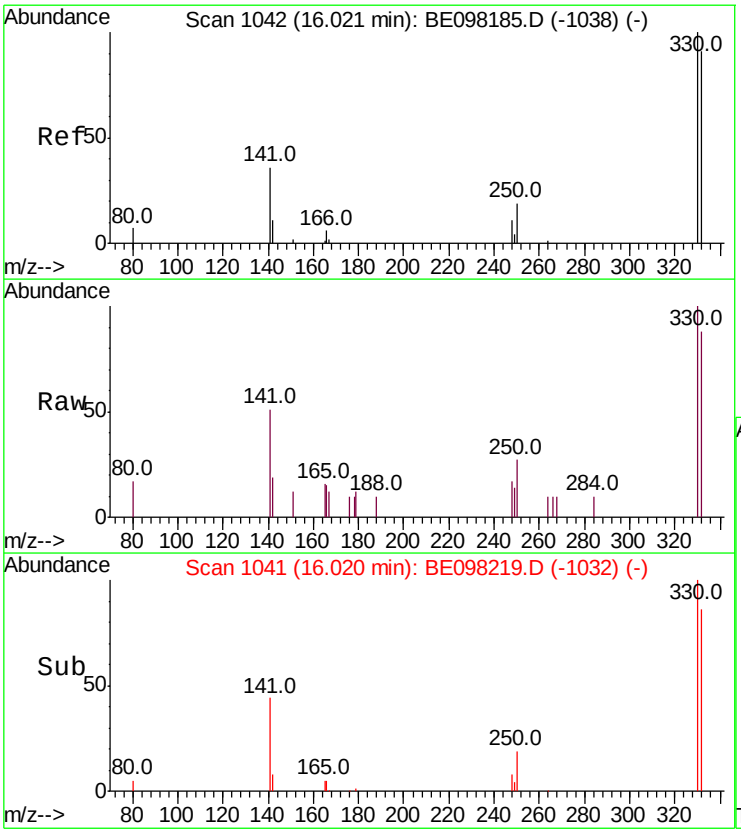
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4970

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	49.1	39.4	59.0

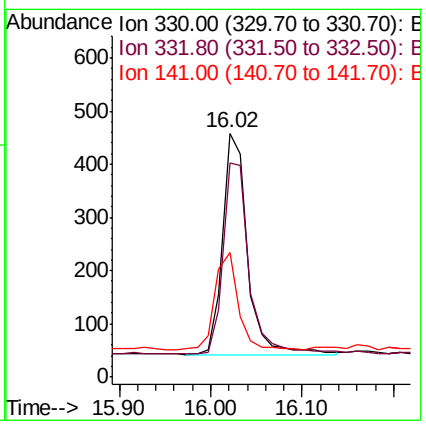


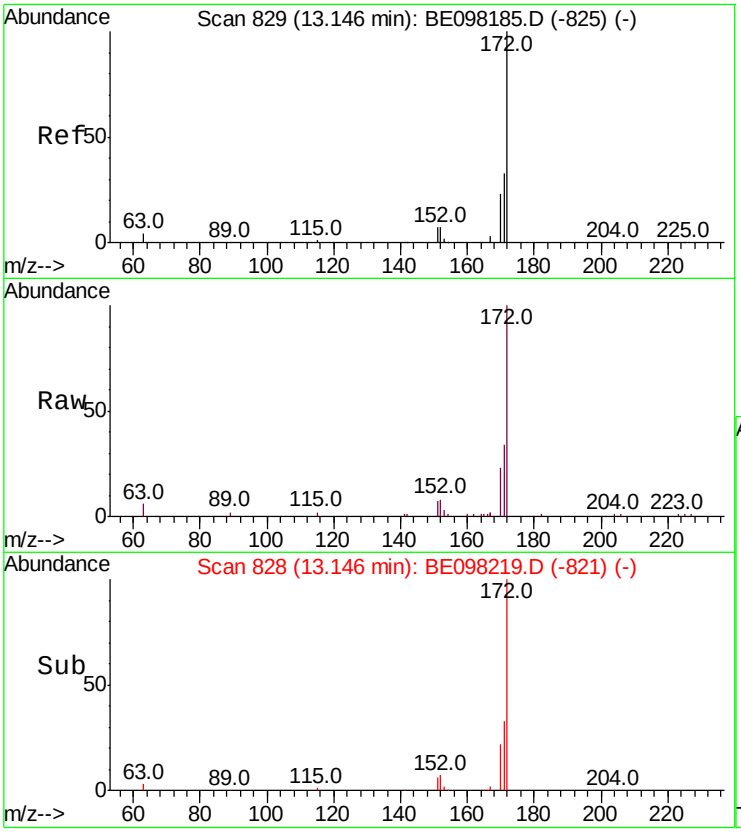


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:330 Resp: 792

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.7	116.5
141	40.0	33.6	50.4



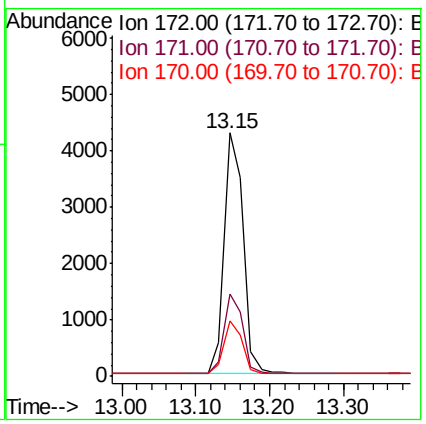


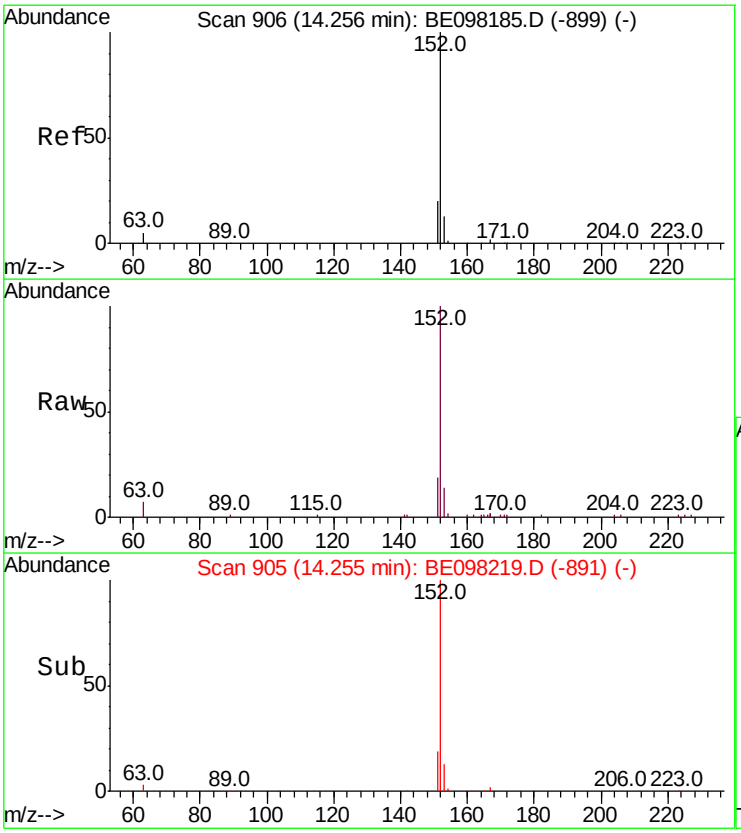
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7680

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.3	40.9
170	23.0	19.4	29.0

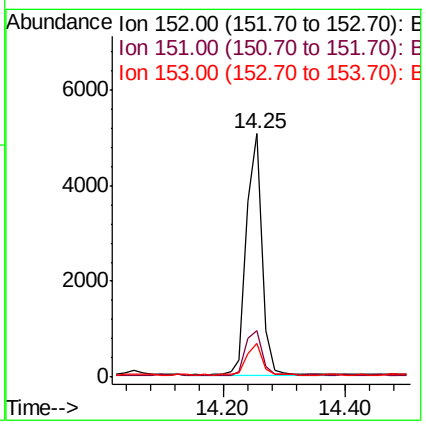


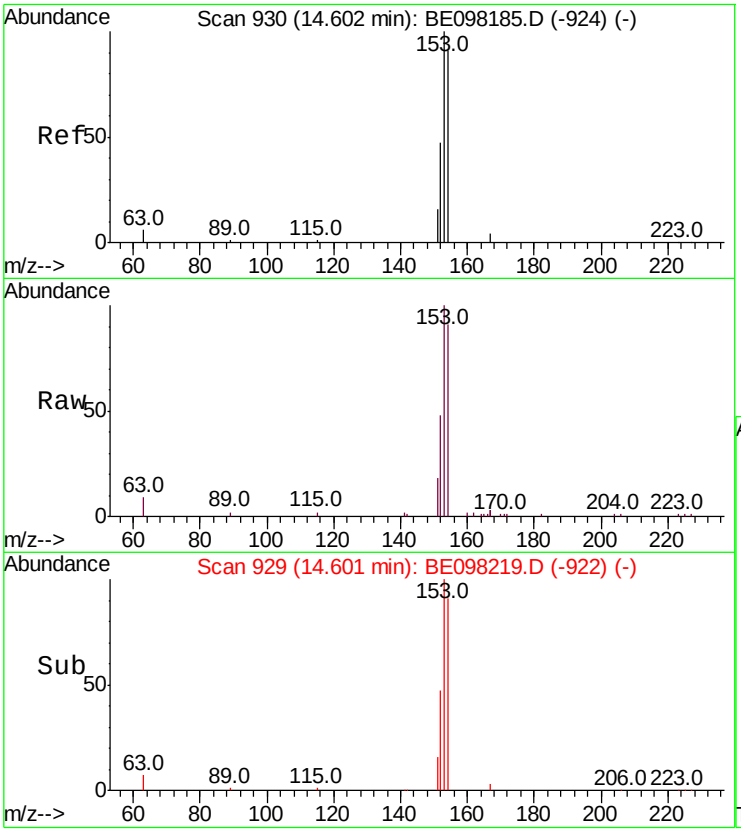


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:152 Resp: 8794

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6
153	12.7	10.6	15.8



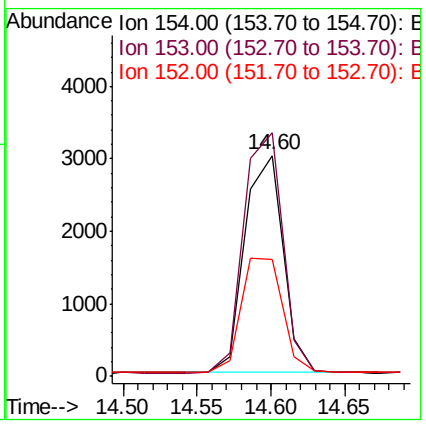


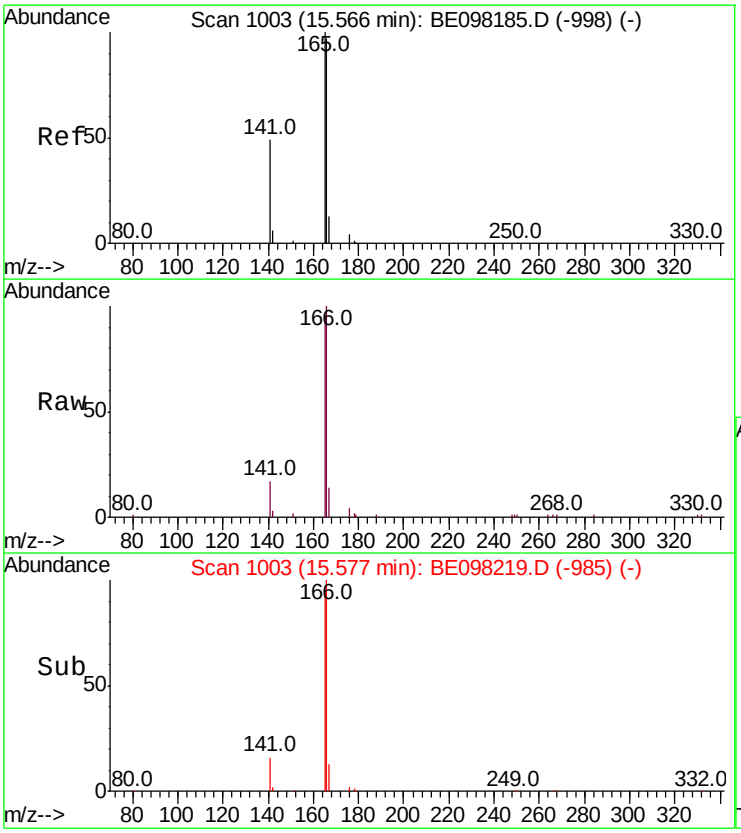
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5376

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.1	138.1
152	57.2	46.2	69.2

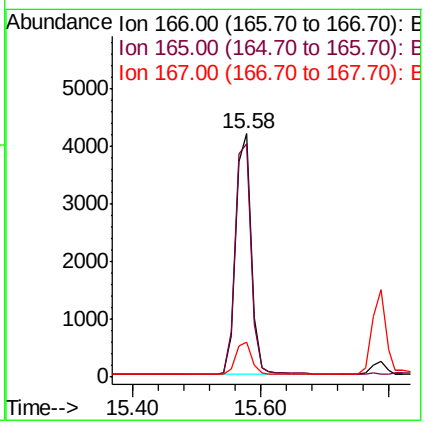


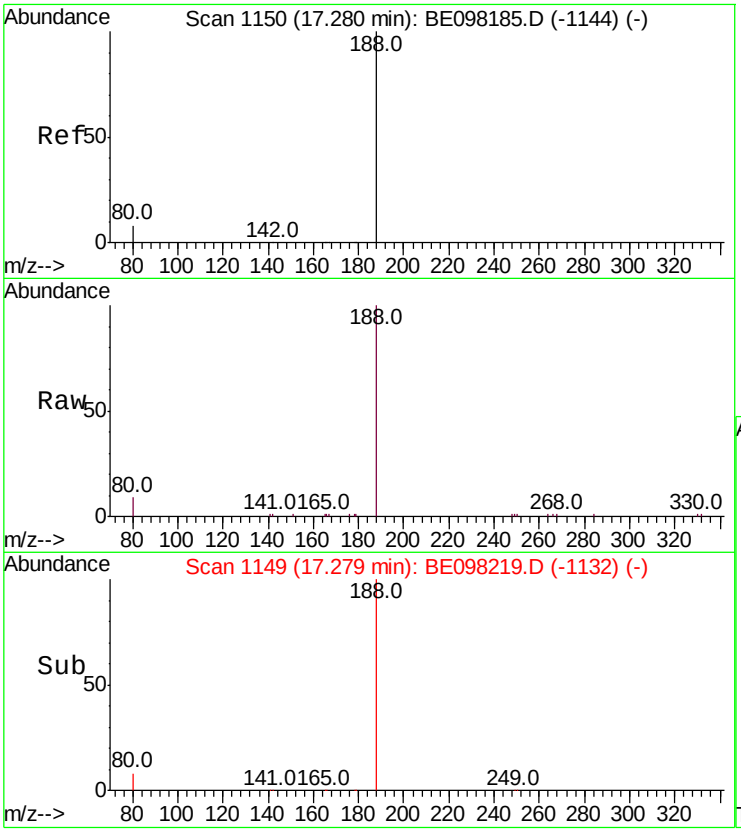


#18
Fluorene
Concen: 0.385 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:166 Resp: 6866

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.1	120.1
167	13.5	10.8	16.2



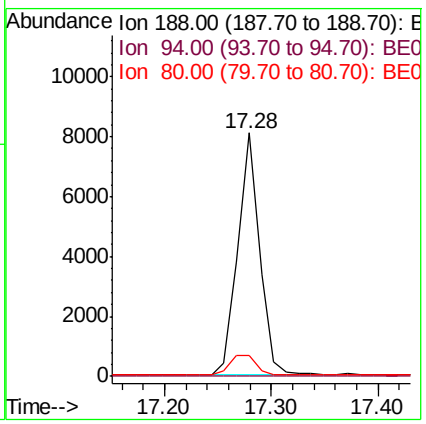


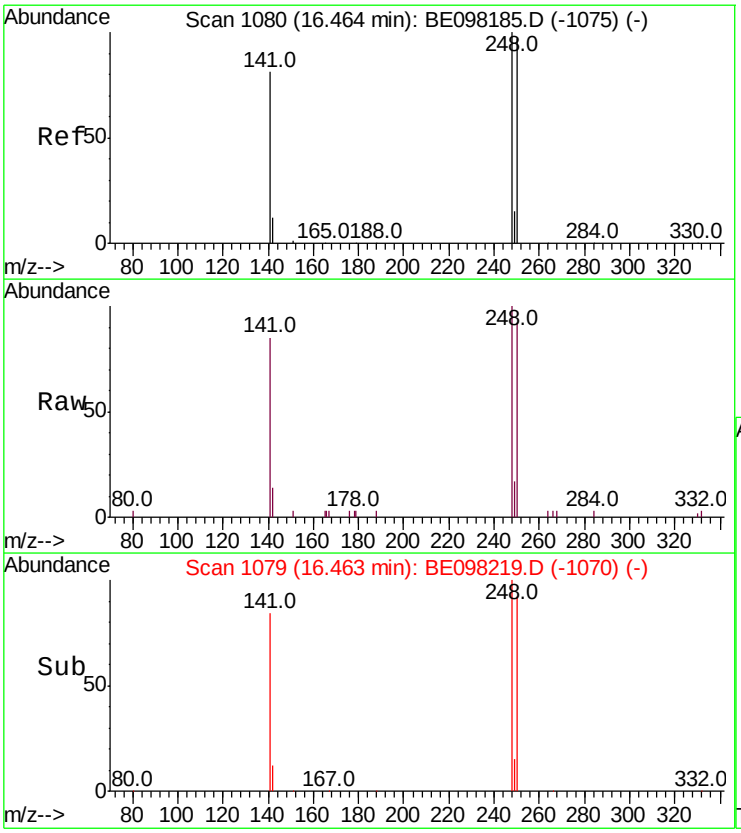
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11368

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.7	10.1

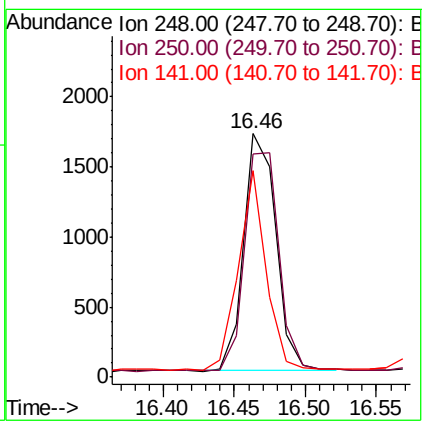


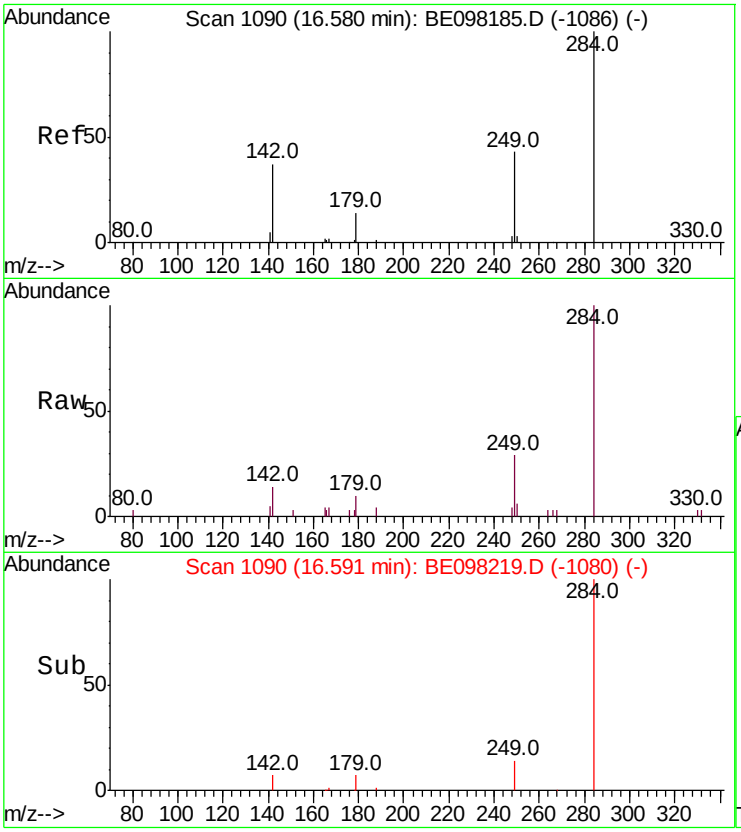


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:248 Resp: 2664

Ion	Ratio	Lower	Upper
248	100		
250	91.9	77.6	116.4
141	84.8	65.8	98.8



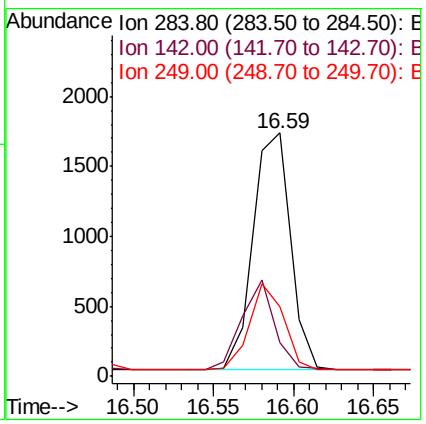


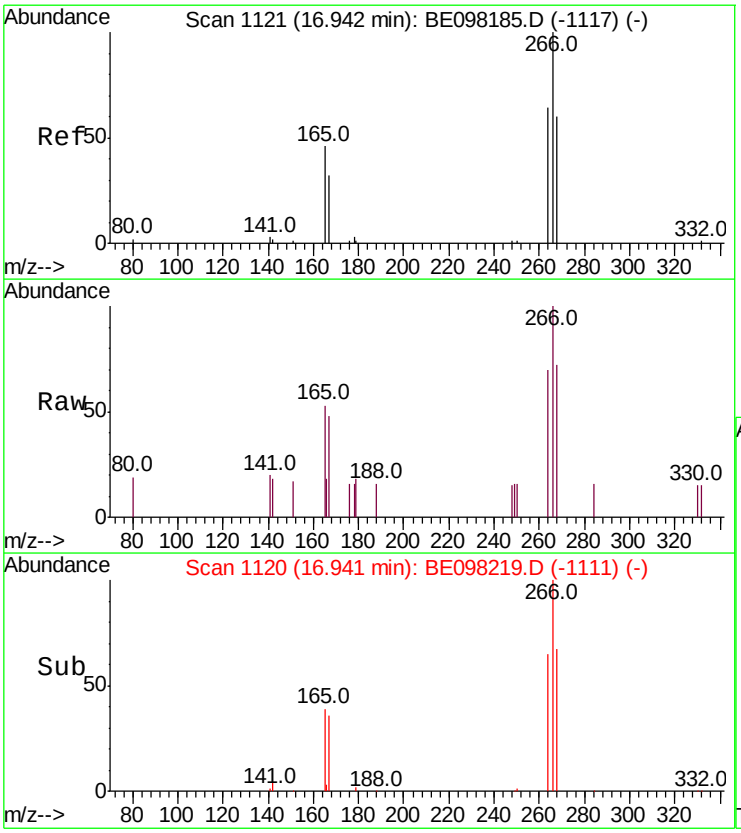
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2783

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.5	39.7
249	33.4	28.4	42.6

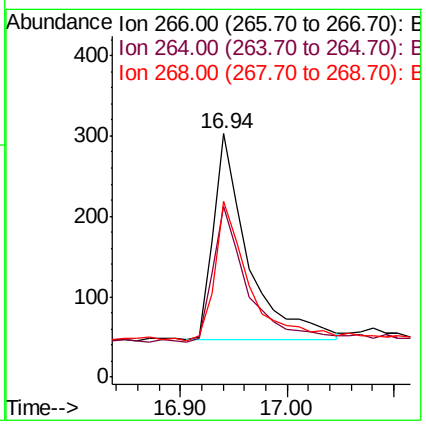


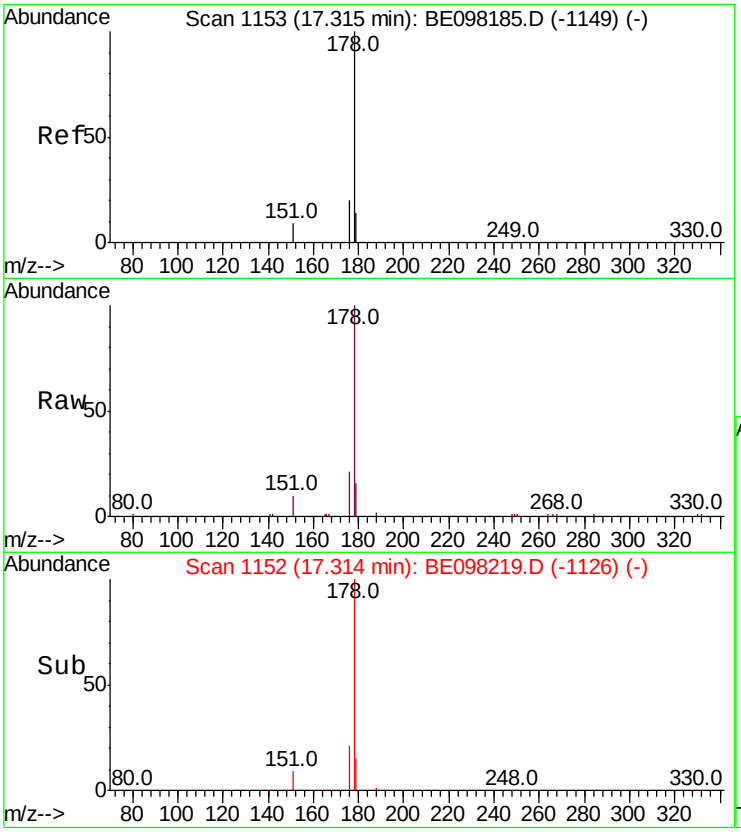


#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:266 Resp: 576

Ion	Ratio	Lower	Upper
266	100		
264	70.0	57.6	86.4
268	71.9	56.8	85.2



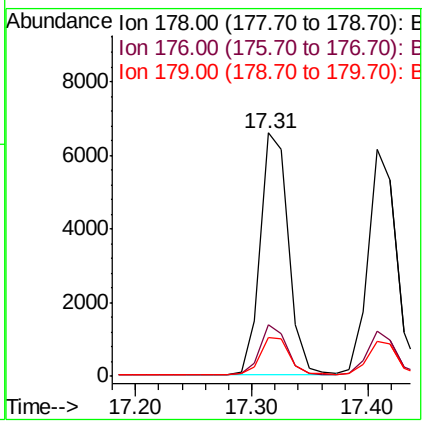


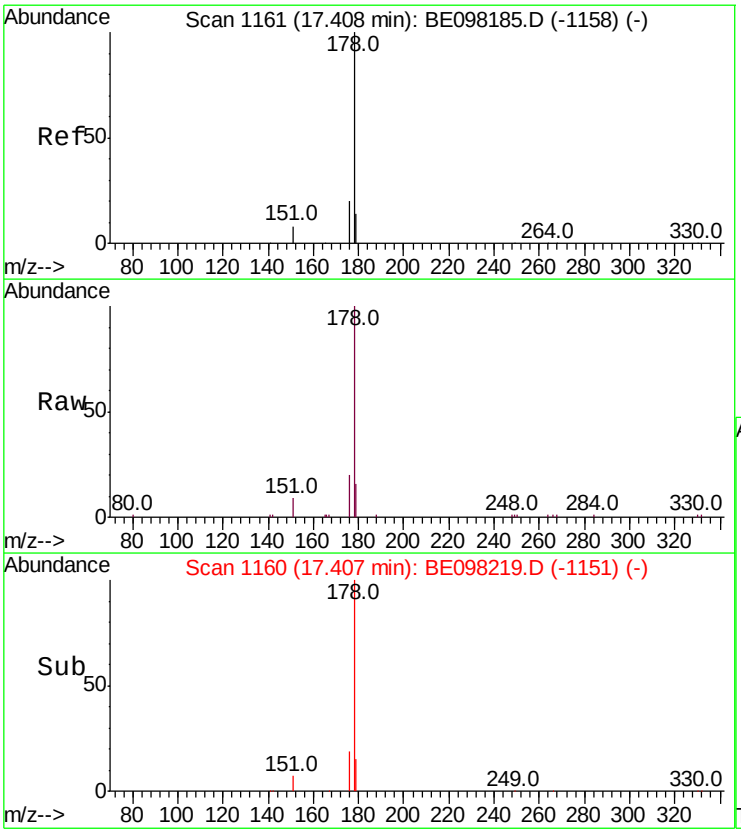
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11060

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.3	18.5

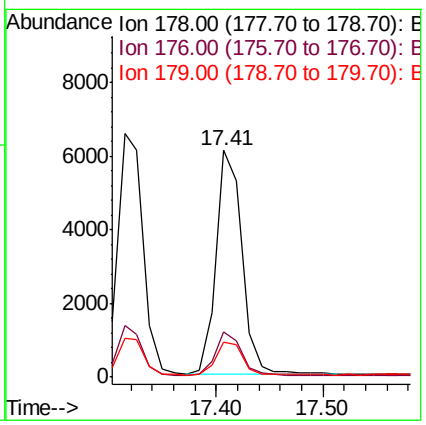


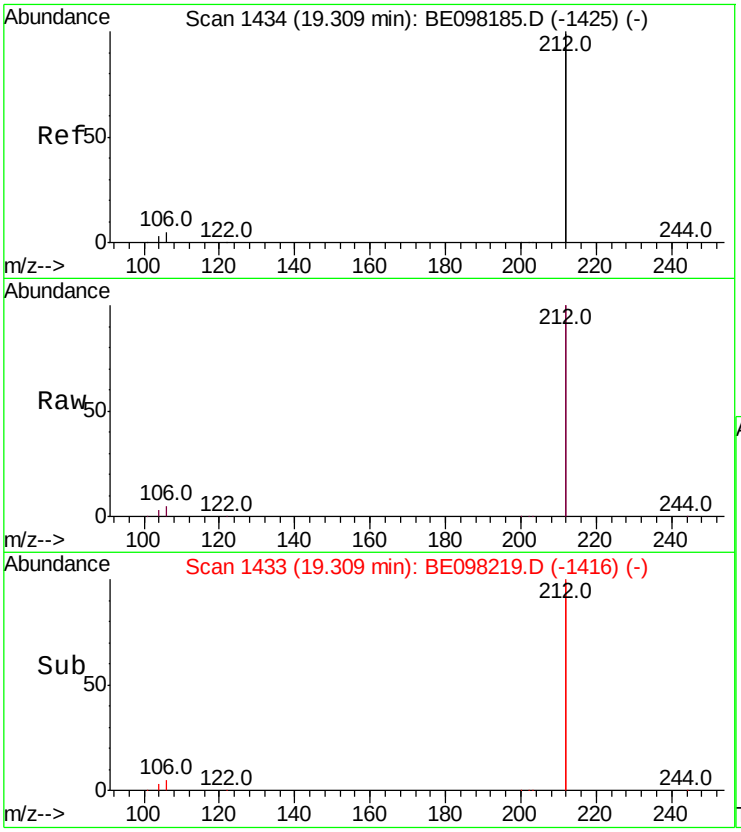


#24
Anthracene
Concen: 0.387 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:178 Resp: 10199

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.1	12.1	18.1



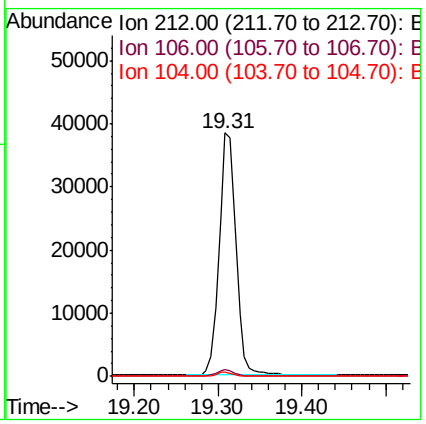


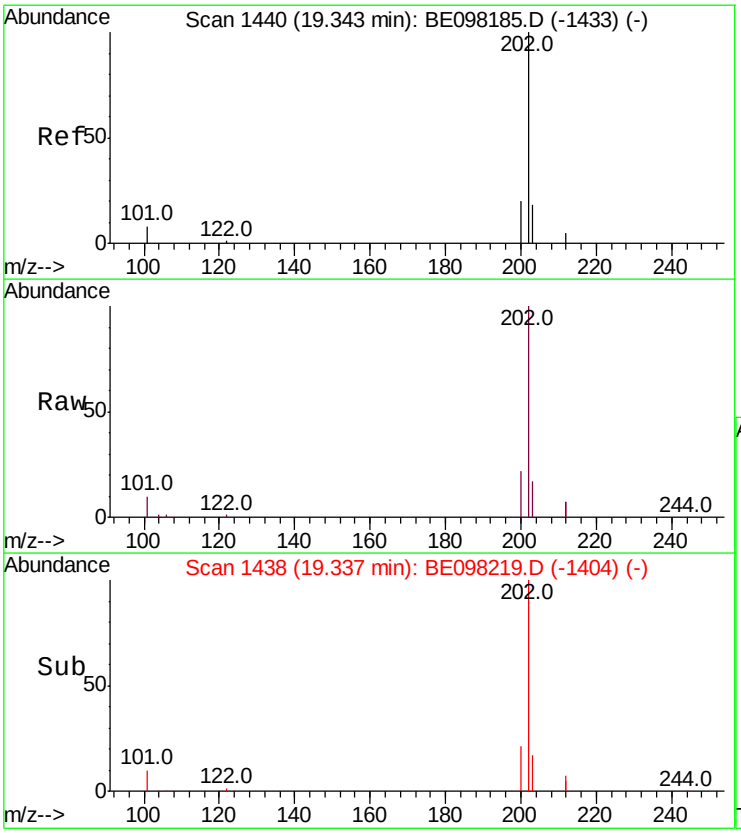
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 53879

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.4	1.1	1.7

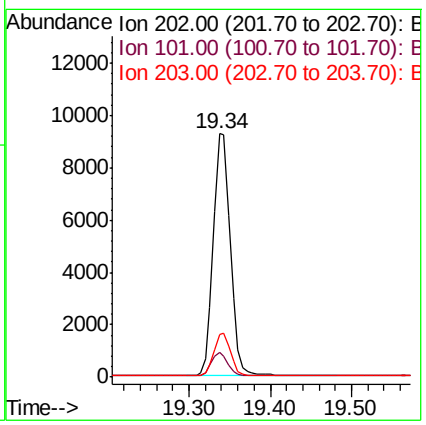


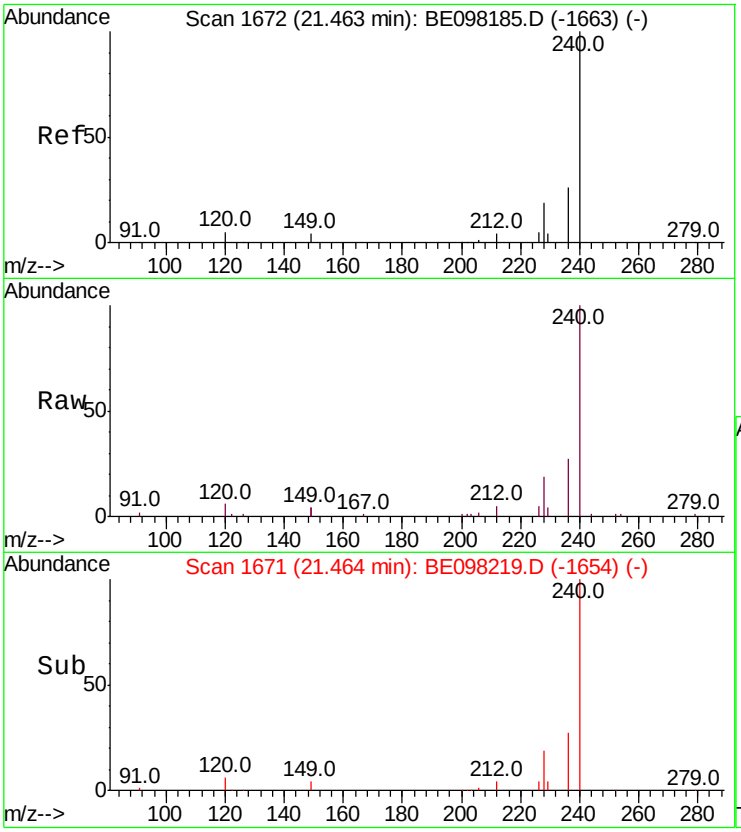


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:202 Resp: 13476

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.6
203	17.1	13.7	20.5



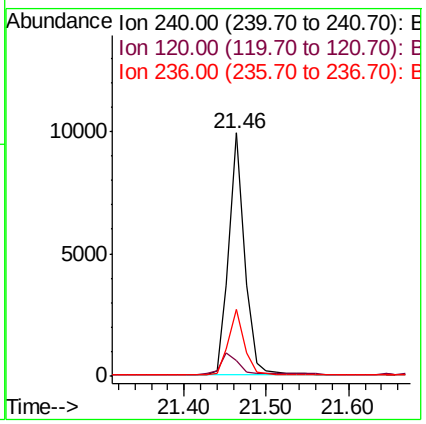


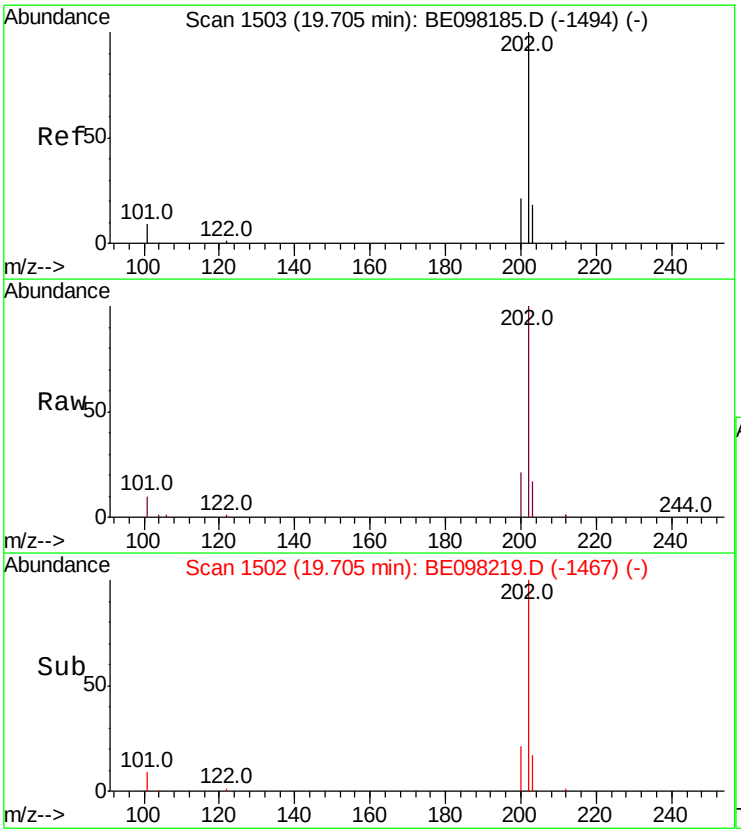
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13359

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.8	7.2
236	27.3	21.4	32.0

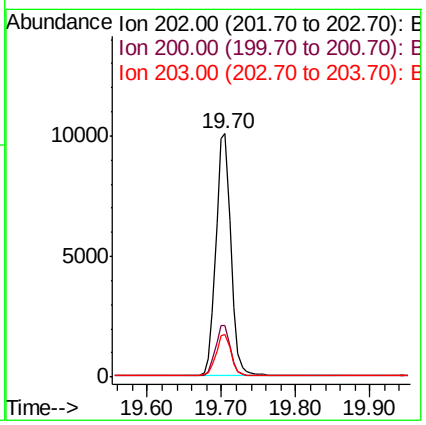


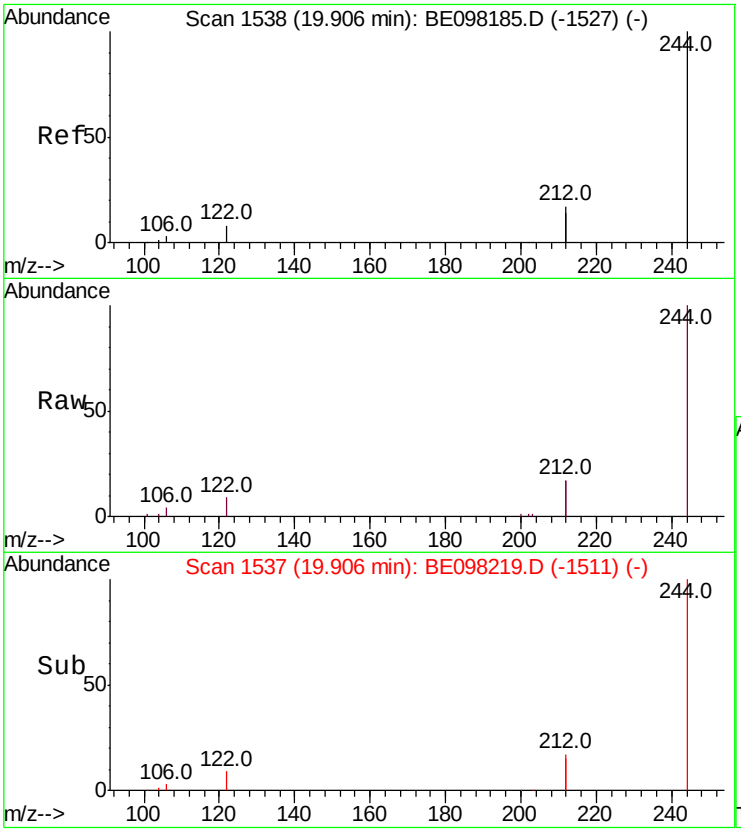


#28
Pyrene
Concen: 0.385 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:202 Resp: 14154

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.1	14.2	21.4



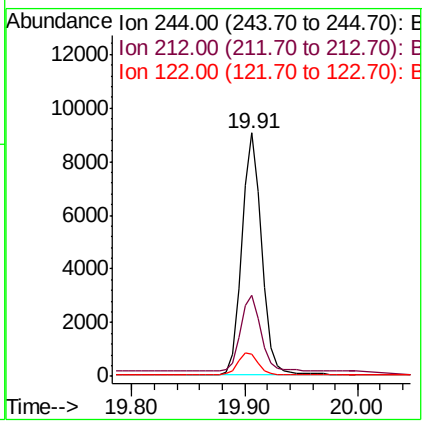


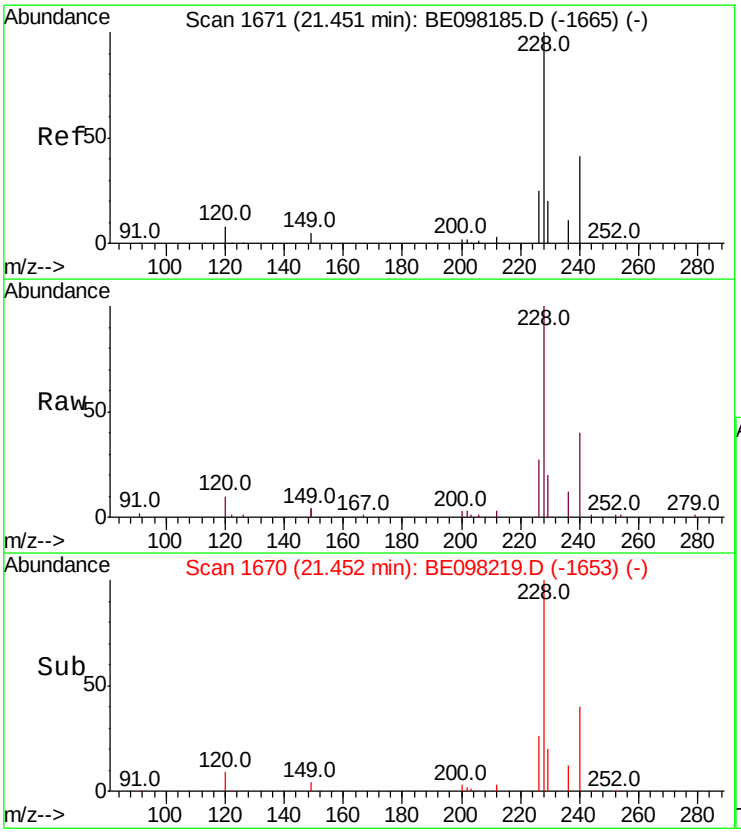
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 11158

Ion	Ratio	Lower	Upper
244	100		
212	33.4	26.8	40.2
122	9.3	7.0	10.6

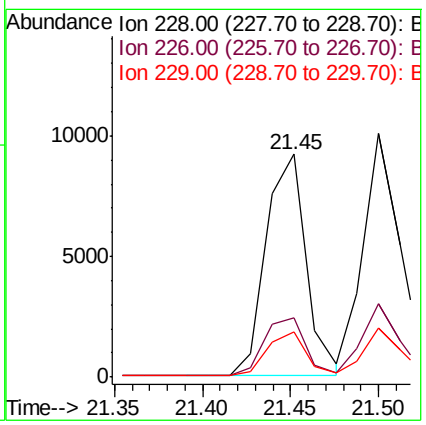


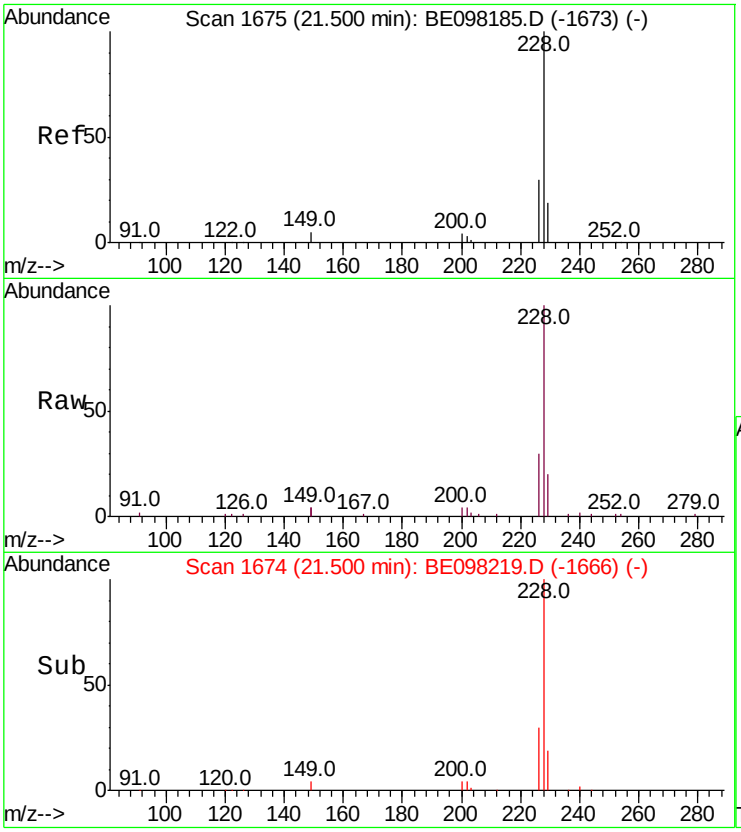


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:228 Resp: 14538

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.7	31.1
229	20.3	16.2	24.4



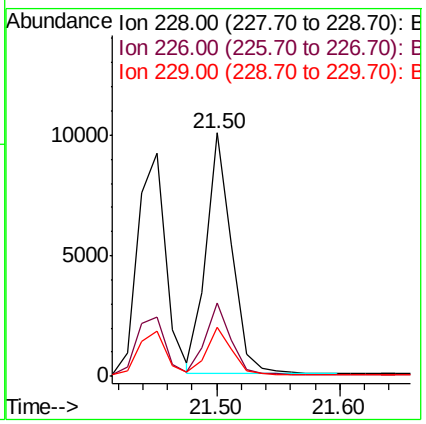


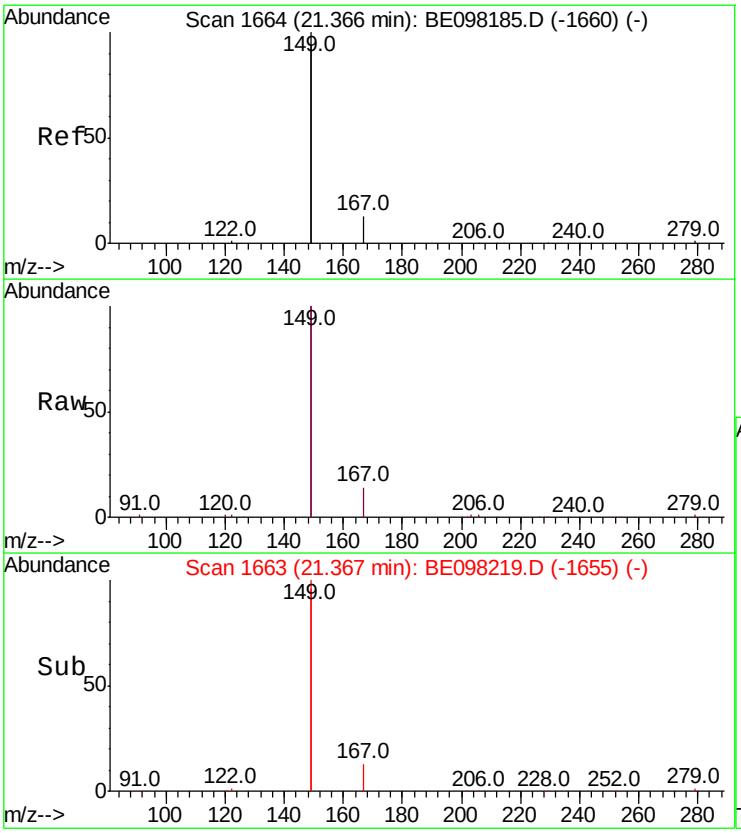
#31
Chrysene
Concen: 0.374 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14401

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	20.0	16.0	24.0

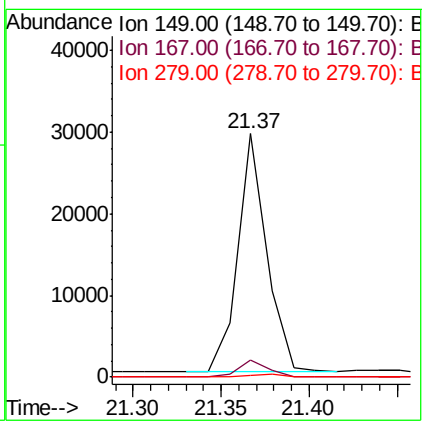


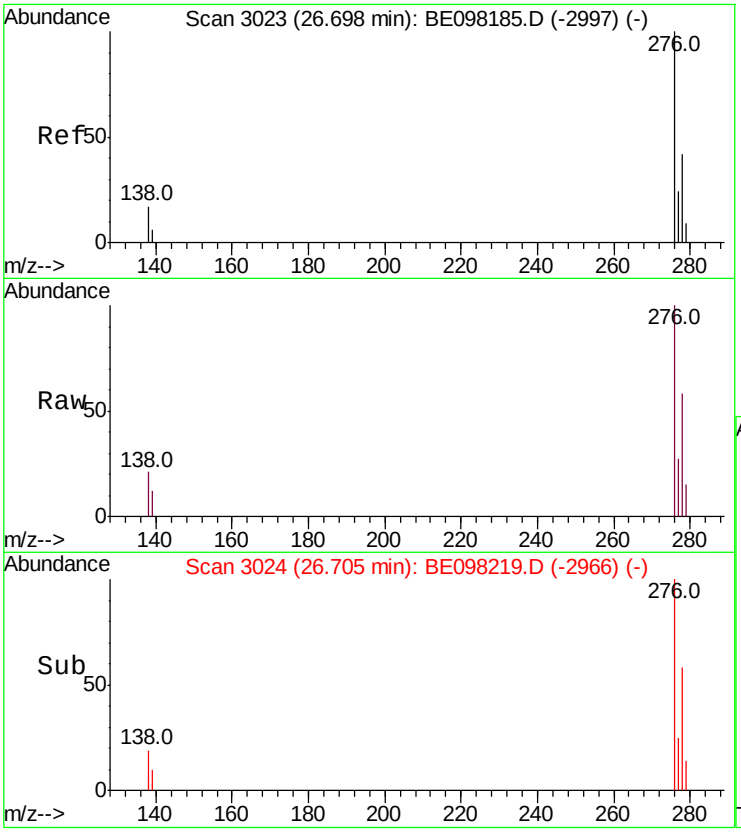


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:149 Resp: 33112

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3



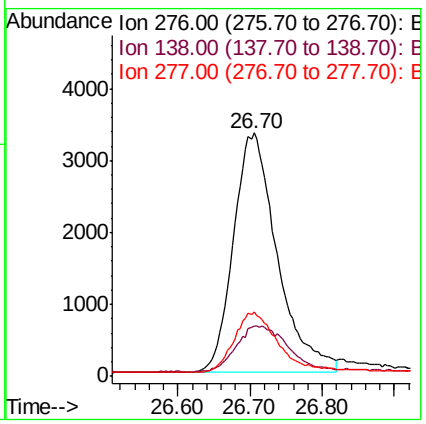


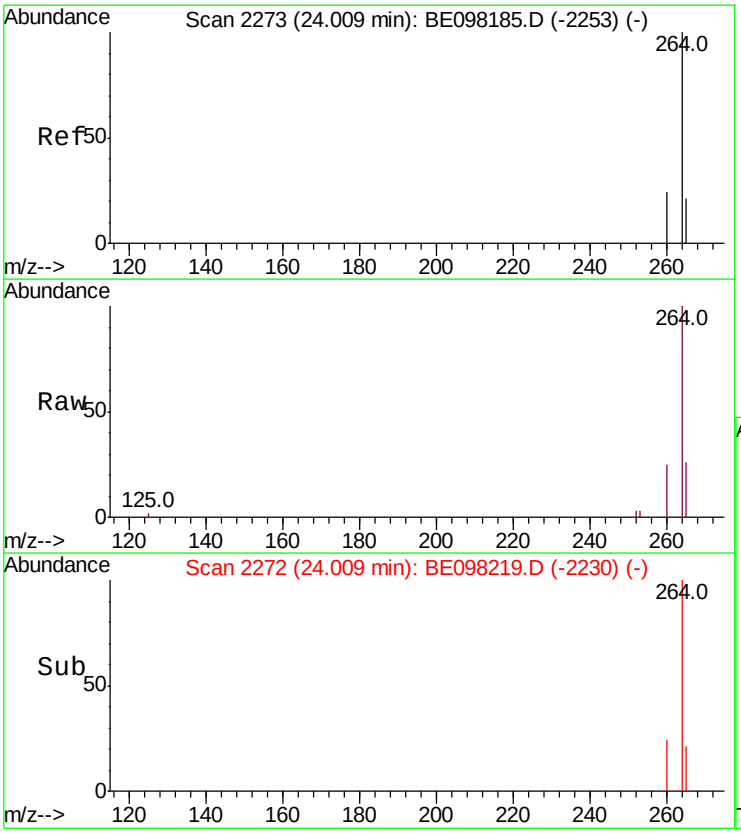
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.70 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13804

Ion	Ratio	Lower	Upper
276	100		
138	22.9	6.4	9.6#
277	25.5	18.9	28.3

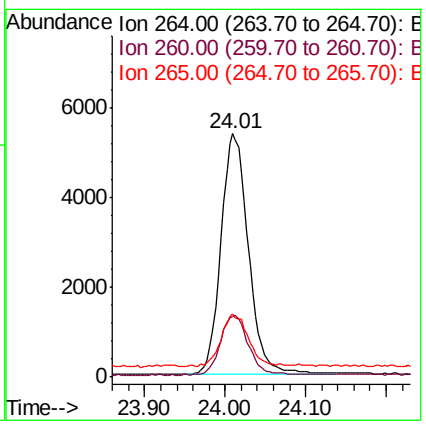


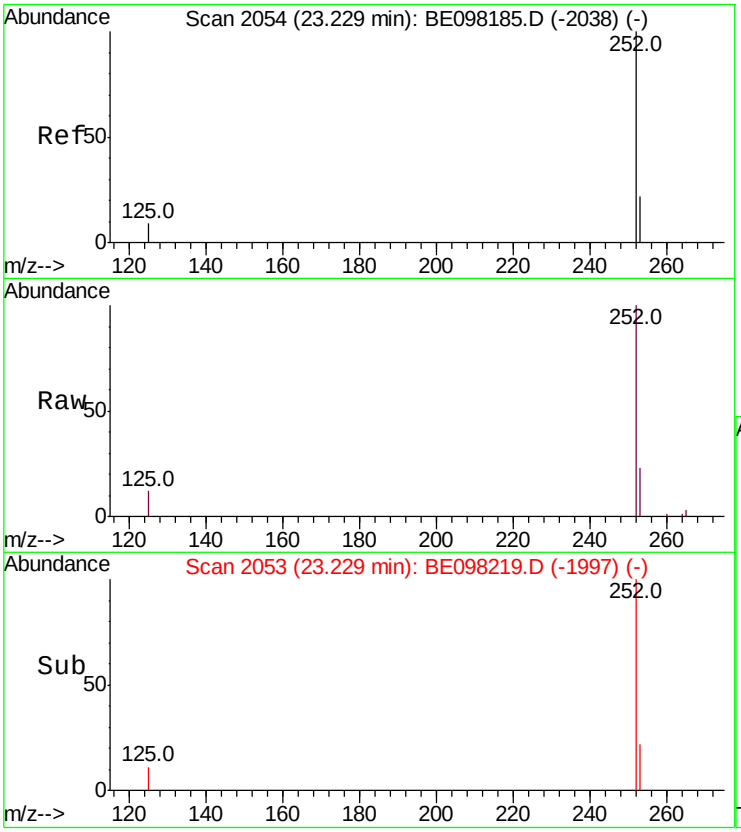


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:264 Resp: 12722

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	26.0	21.3	31.9



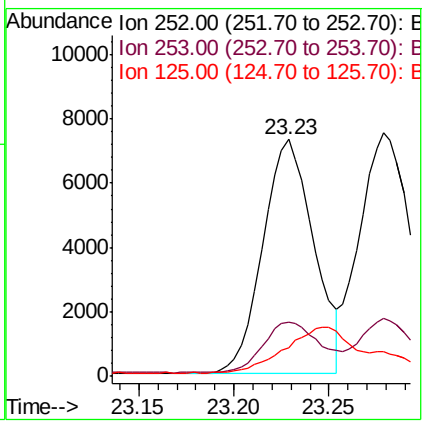


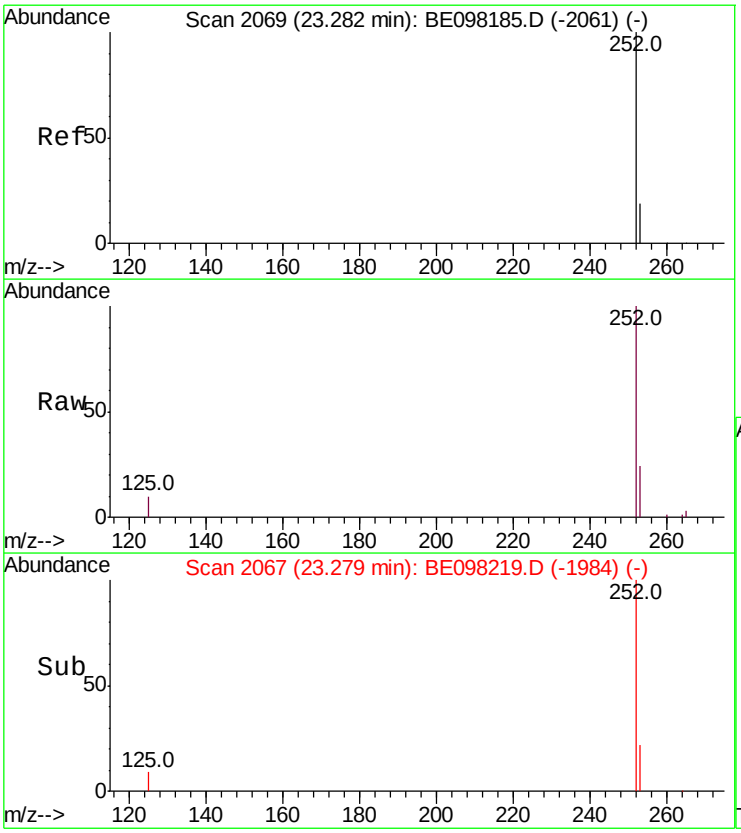
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13564

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.0
125	12.1	8.6	12.8

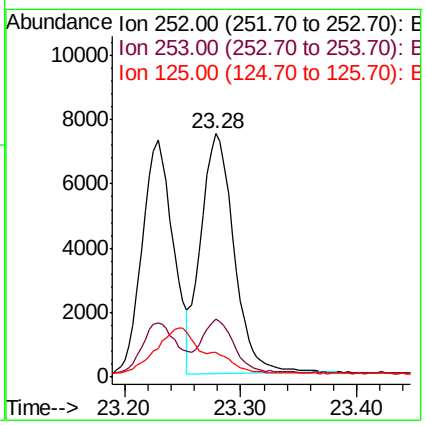


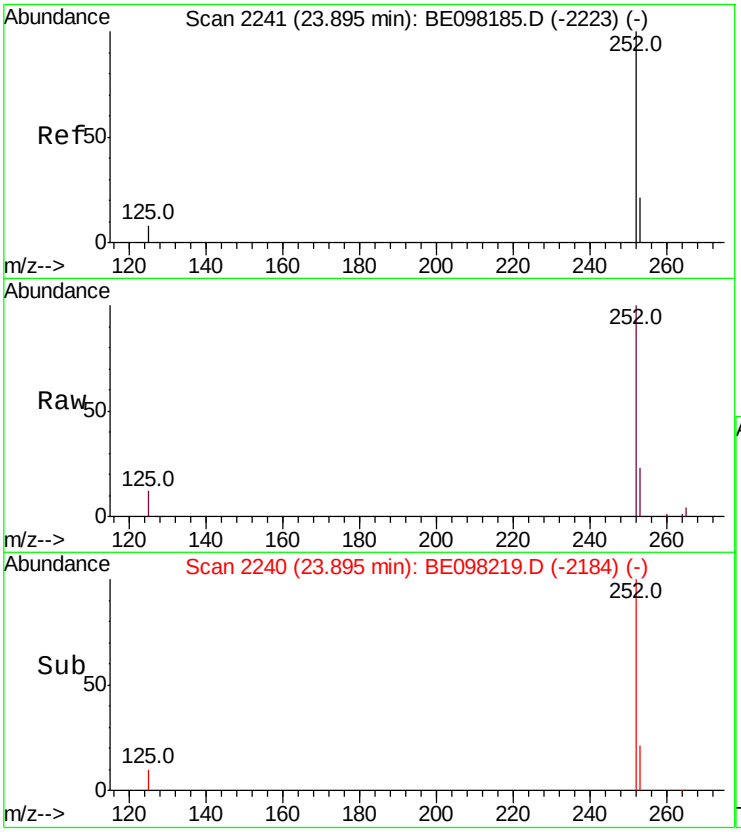


#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:252 Resp: 14763

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	10.3	7.4	11.0



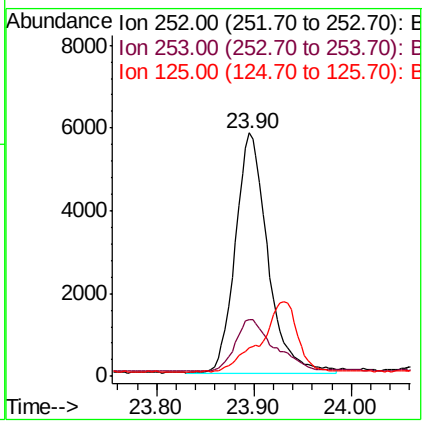


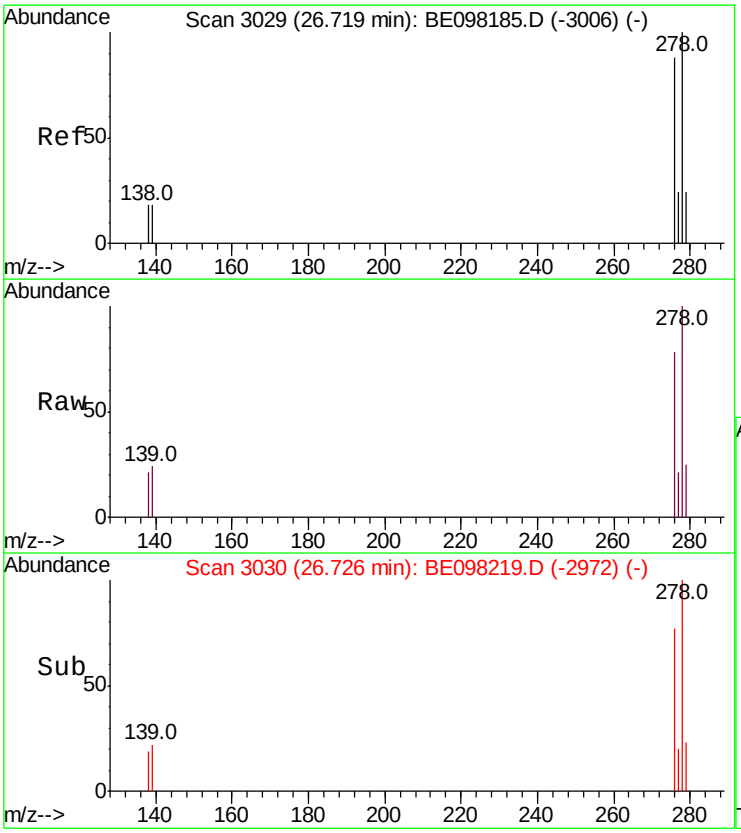
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.90 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13358

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	11.6	8.0	12.0

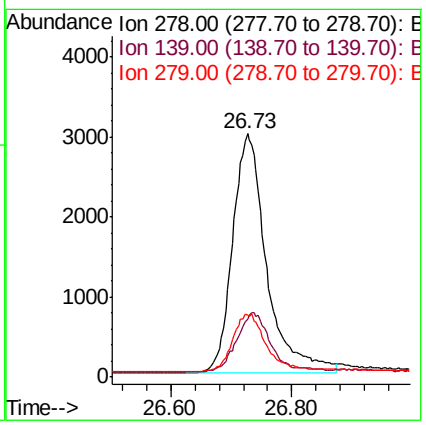


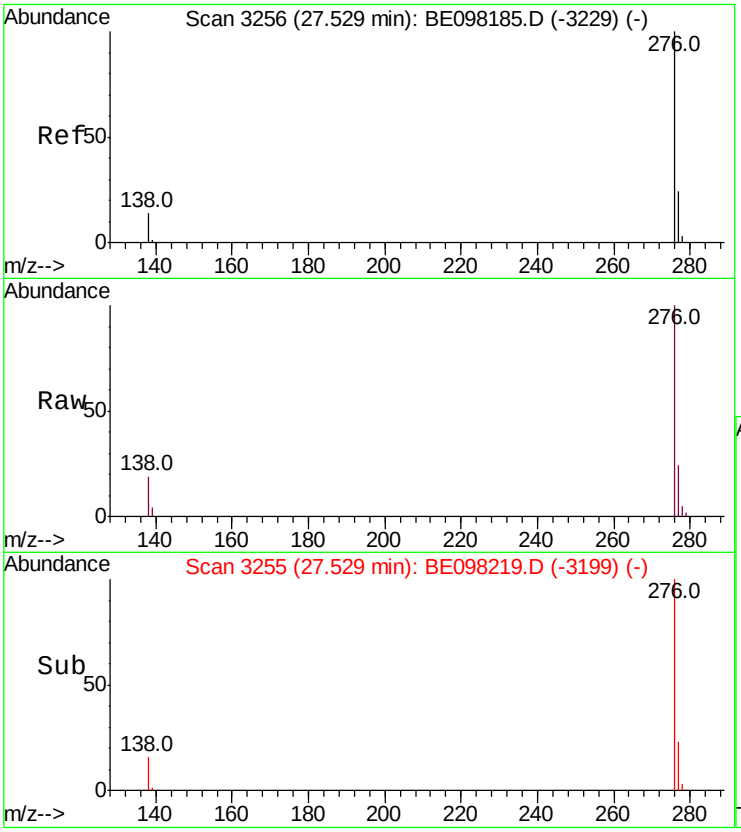


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Tgt Ion:278 Resp: 11614

Ion	Ratio	Lower	Upper
278	100		
139	23.9	16.4	24.6
279	25.2	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 27.53 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BE098219.D
Acq: 13 Nov 2018 21:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11723

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.4	30.6
138	18.5	13.2	19.8