Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
Data File : BE098433.D
Acq On : 14 Dec 2018 13:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 14 15:36:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1484	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	6201	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	3924	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	10398	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	12570	0.40	ng		-0.01
34) Perylene-d12	24.00	264	12107	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1468	0.42	ng		0.00
5) Phenol-d6	7.04	99	2110	0.43	ng		-0.01
8) Nitrobenzene-d5	9.02	82	2201	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3757	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	585	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6174	0.37	ng		0.00
25) Fluoranthene-d10	19.30	212	50884	0.38	ng		0.00
29) Terphenyl-d14	19.90	244	9765	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	877	0.342	ng		96
3) n-Nitrosodimethylamine	3.70	42	790	0.342	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1591	0.340	ng		91
9) Naphthalene	10.71	128	24489	0.392	ng		100
10) Hexachlorobutadiene	10.99	225	1673	0.421	ng		98
12) 2-Methylnaphthalene	12.33	142	3815	0.376	ng		95
16) Acenaphthylene	14.24	152	7004	0.381	ng		99
17) Acenaphthene	14.59	154	4249	0.385	ng		97
18) Fluorene	15.57	166	5641	0.382	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	2058	0.368	ng	#	78
21) Hexachlorobenzene	16.57	284	2370	0.394	ng		95
22) Pentachlorophenol	16.94	266	485	0.486	ng		98
23) Phenanthrene	17.31	178	9675	0.383	ng		99
24) Anthracene	17.41	178	8064	0.358	ng		99
26) Fluoranthene	19.33	202	13020	0.389	ng		99
28) Pyrene	19.69	202	13559	0.344	ng		100
30) Benzo(a)anthracene	21.44	228	12574	0.351	ng		100
31) Chrysene	21.50	228	14475	0.386	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	24439	0.336	ng		100
33) Indeno(1,2,3-cd)pyrene	26.68	276	14737	0.395	ng		97
35) Benzo(b)fluoranthene	23.27	252	15141	0.457	ng		95
36) Benzo(k)fluoranthene	23.27	252	15782	0.409	ng		98
37) Benzo(a)pyrene	23.88	252	13310	0.390	ng	#	95
38) Dibenzo(a,h)anthracene	26.71	278	12271	0.381	ng	#	92
39) Benzo(g,h,i)perylene	27.50	276	12308	0.380	ng		98

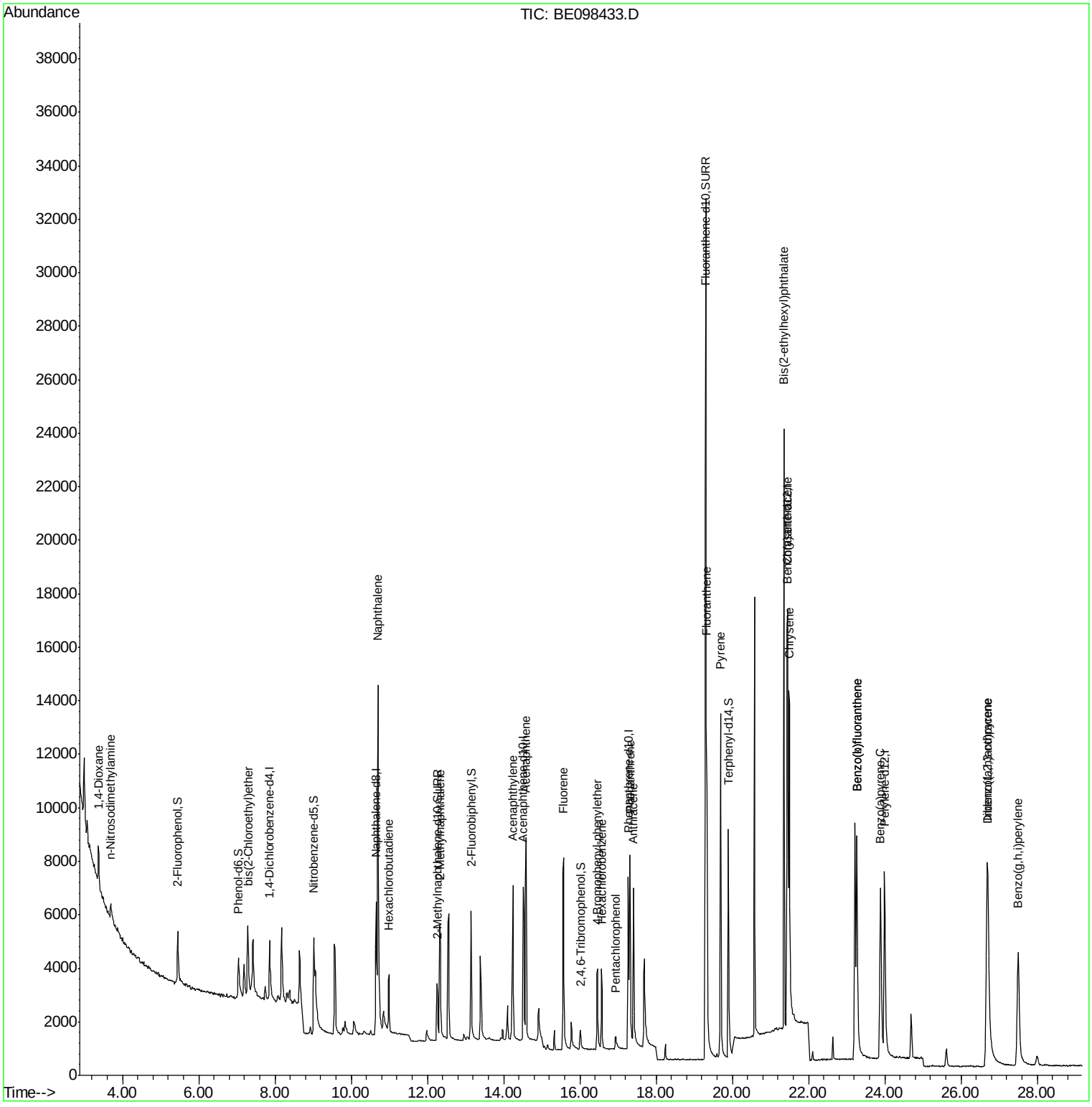
(#) = qualifier out of range (m) = manual integration (+) = signals summed

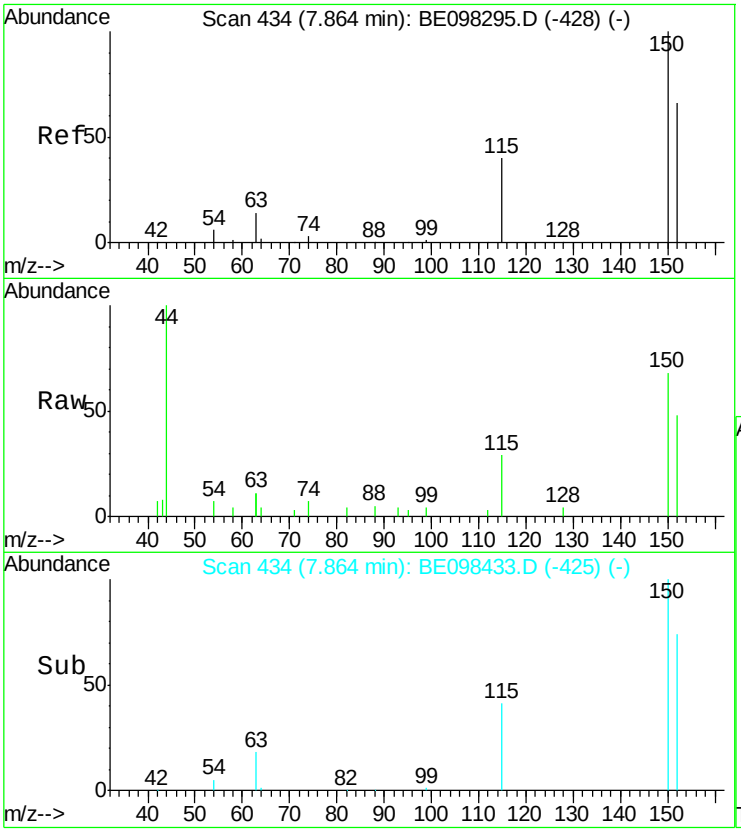
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
Data File : BE098433.D
Acq On : 14 Dec 2018 13:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 14 15:36:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



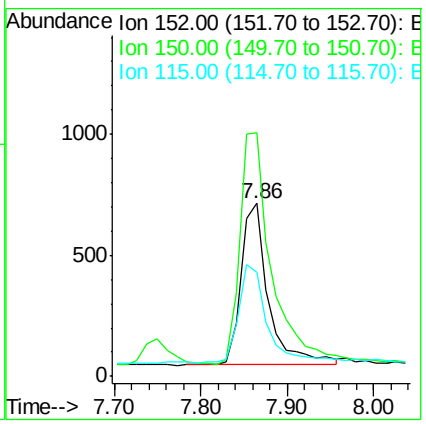


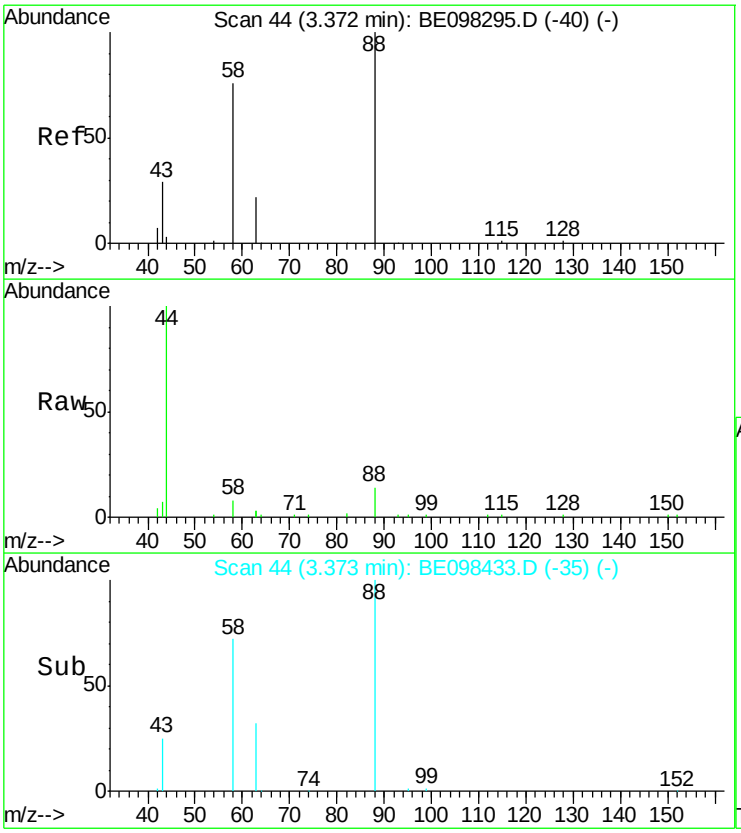
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1484

Ion	Ratio	Lower	Upper
152	100		
150	141.1	124.2	186.4
115	60.2	53.9	80.9

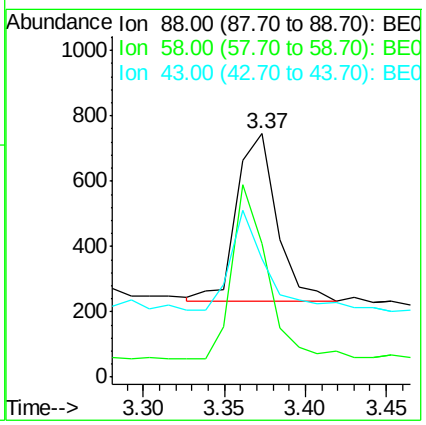


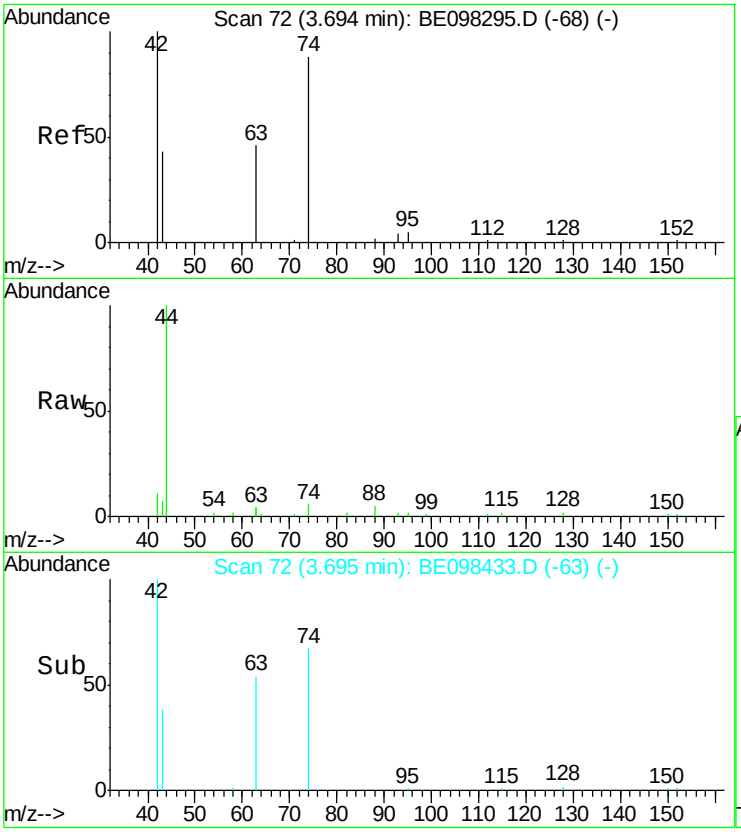


#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 88 Resp: 877

Ion	Ratio	Lower	Upper
88	100		
58	90.6	75.0	112.6
43	52.5	38.3	57.5



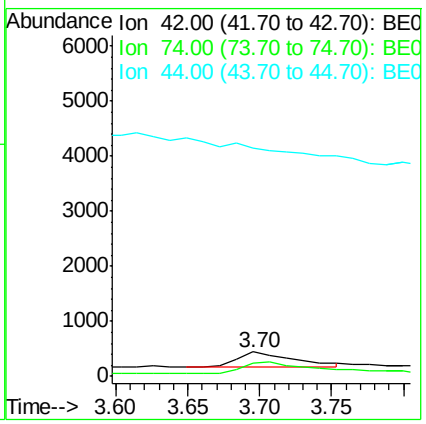


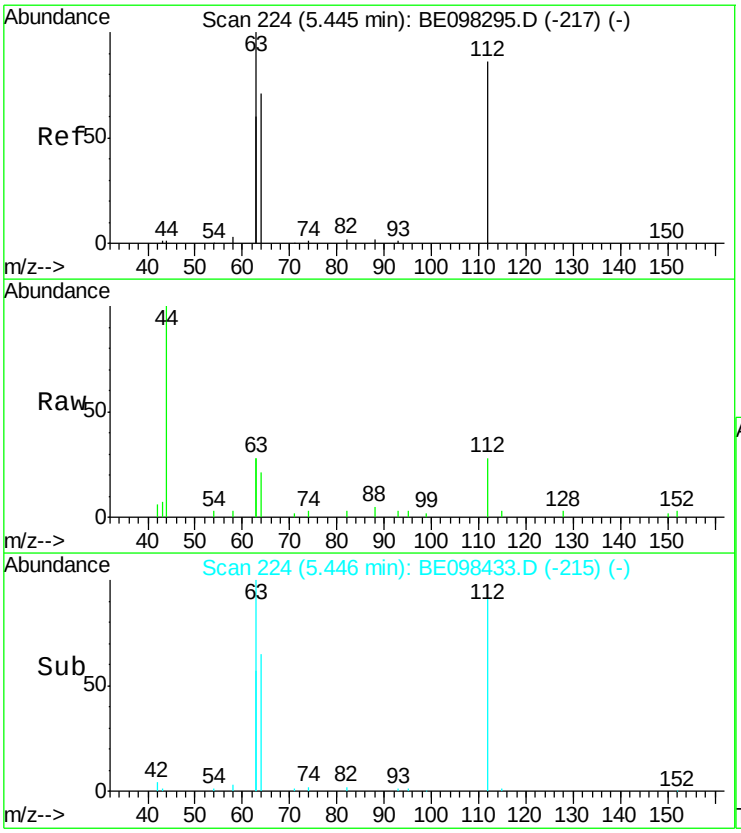
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 790

Ion	Ratio	Lower	Upper
42	100		
74	72.0	0.0	0.0#
44	0.0	0.0	0.0

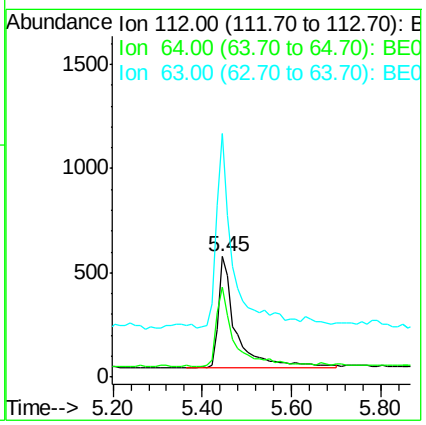


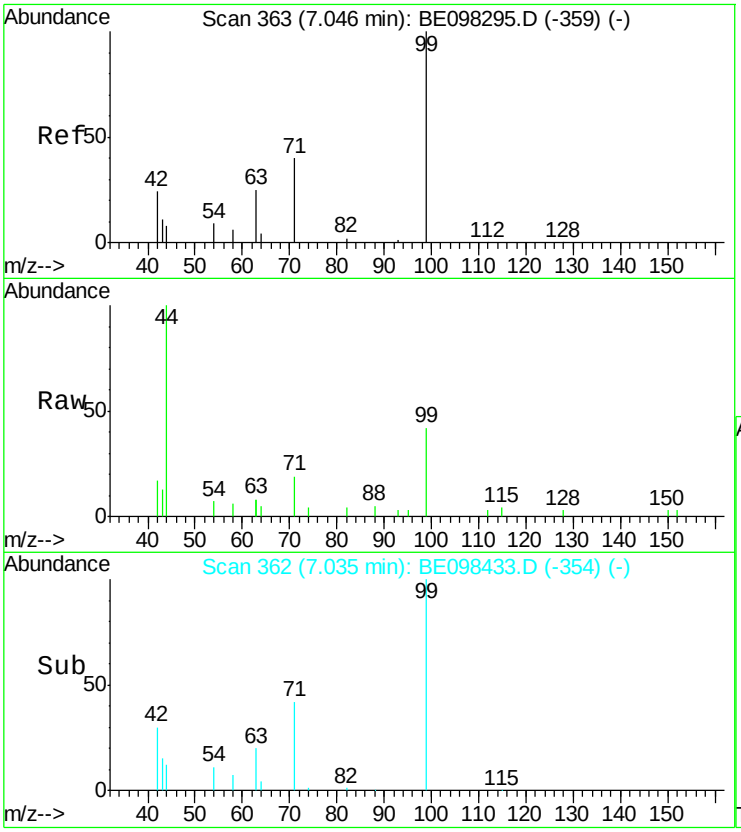


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:112 Resp: 1468

Ion	Ratio	Lower	Upper
112	100		
64	70.3	59.8	89.8
63	161.7	133.7	200.5



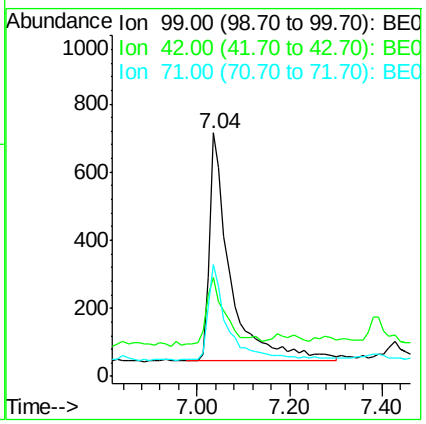


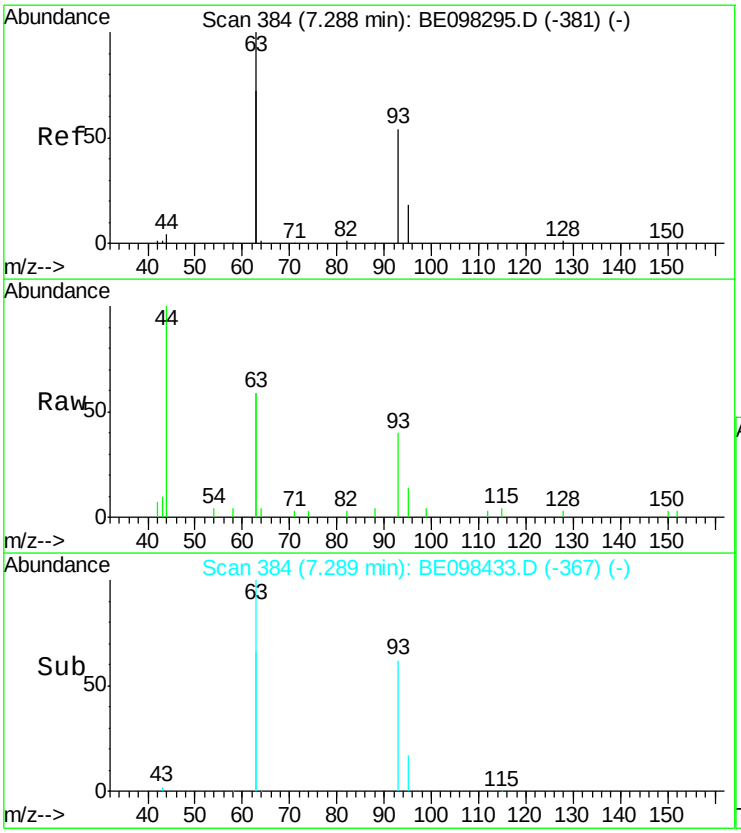
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2110

Ion	Ratio	Lower	Upper
99	100		
42	26.5	26.3	39.5
71	37.7	33.6	50.4

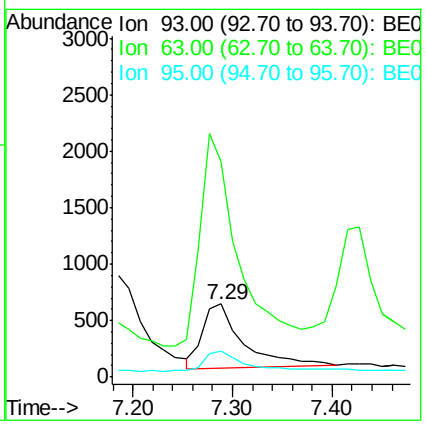


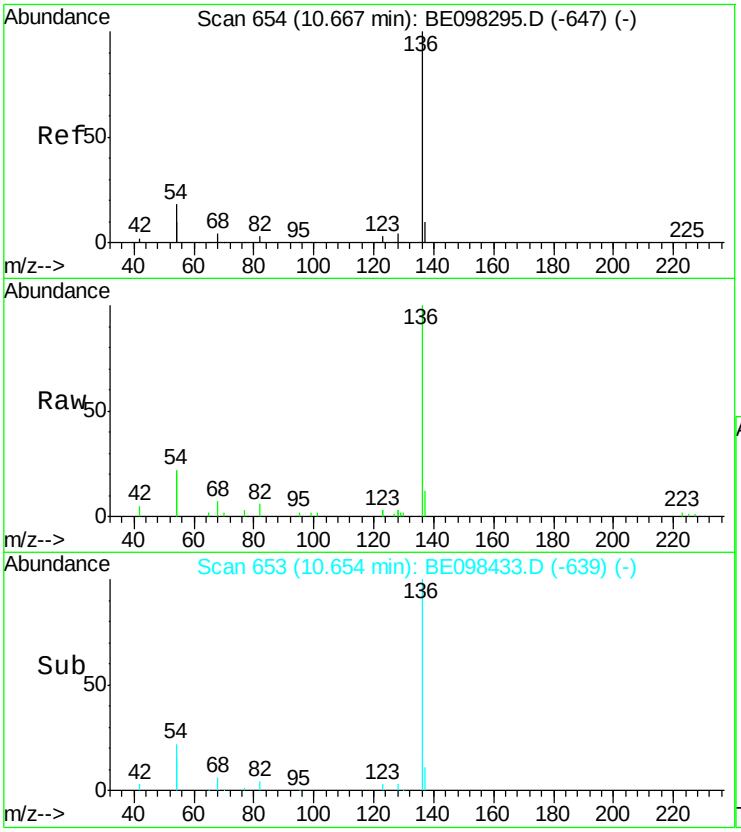


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 93 Resp: 1591

Ion	Ratio	Lower	Upper
93	100		
63	312.3	264.4	396.6
95	29.7	26.6	40.0



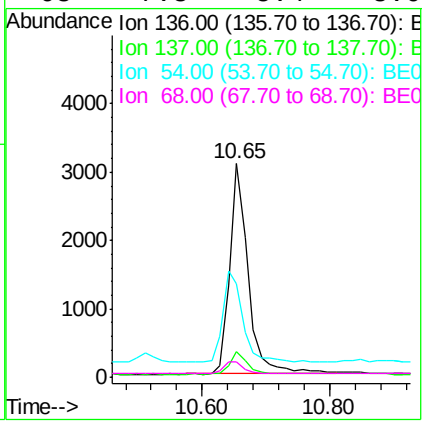


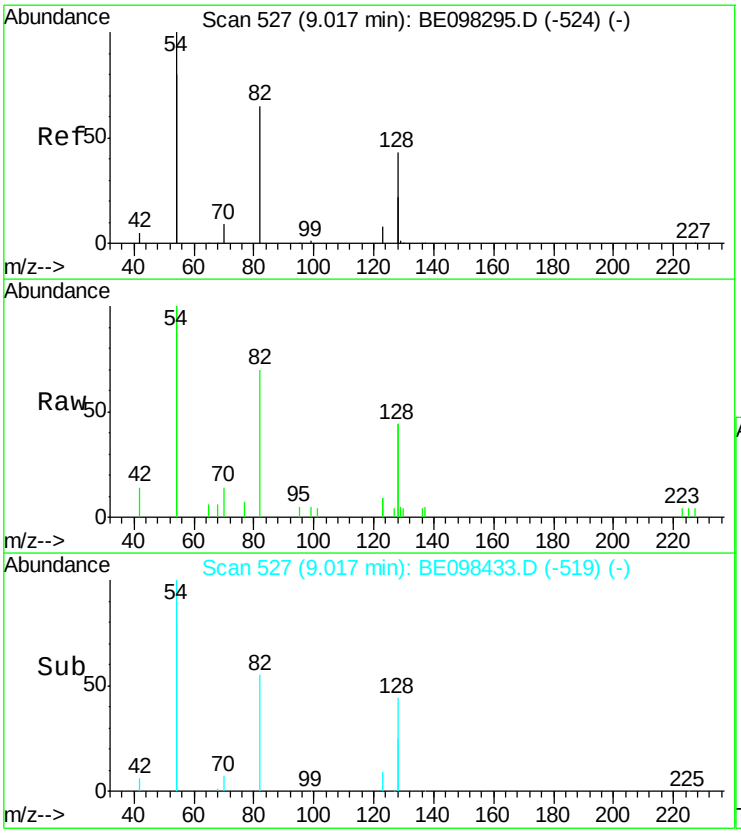
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 6201

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	43.6	28.4	42.6#
68	7.3	5.4	8.0

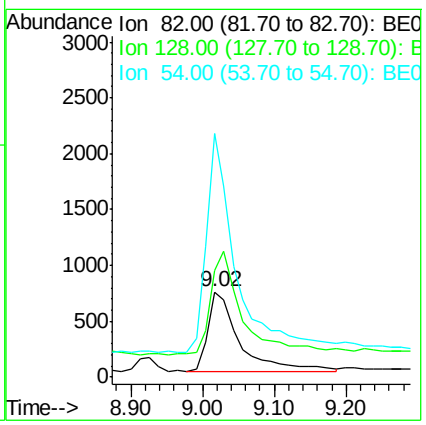


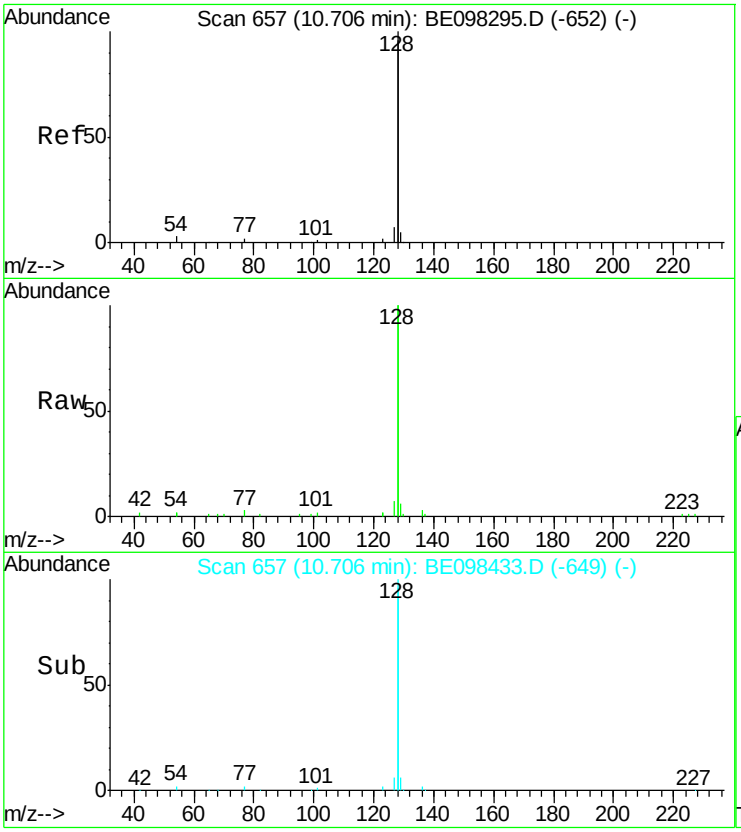


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion: 82 Resp: 2201

Ion	Ratio	Lower	Upper
82	100		
128	125.4	102.4	153.6
54	286.5	221.8	332.8



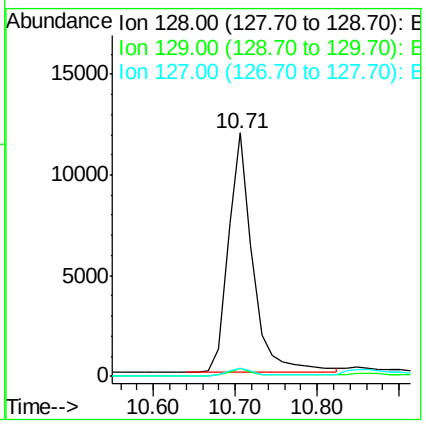


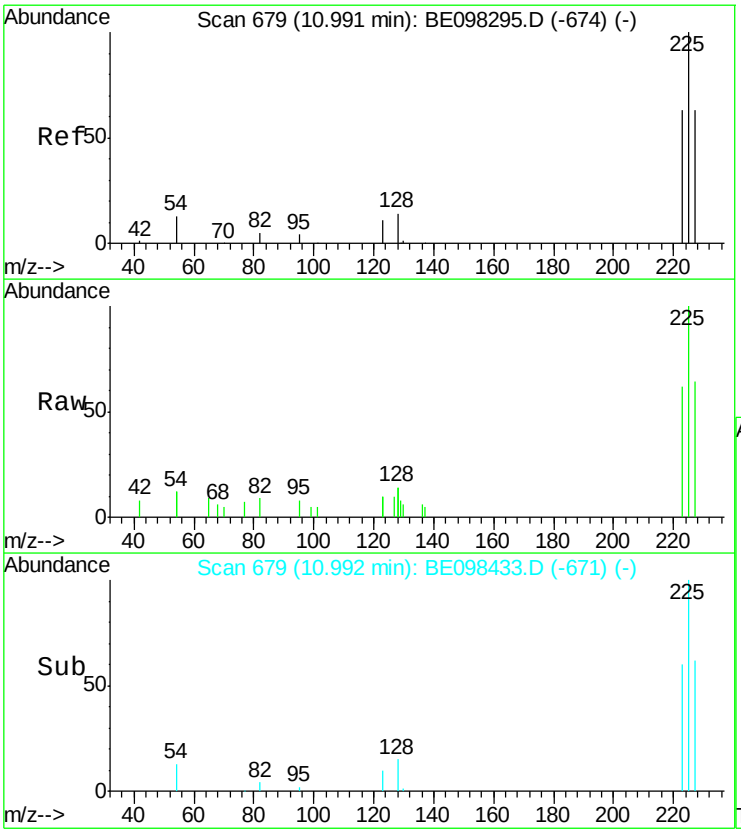
#9
Naphthalene
Concen: 0.392 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 24489

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.4	2.7	4.1

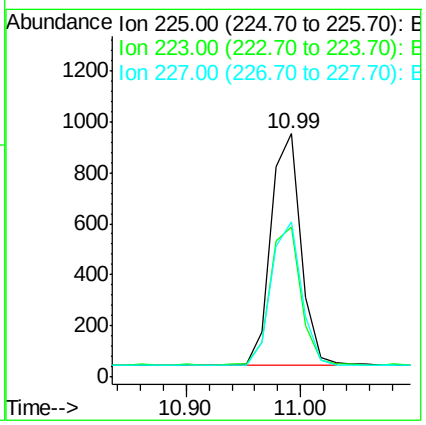


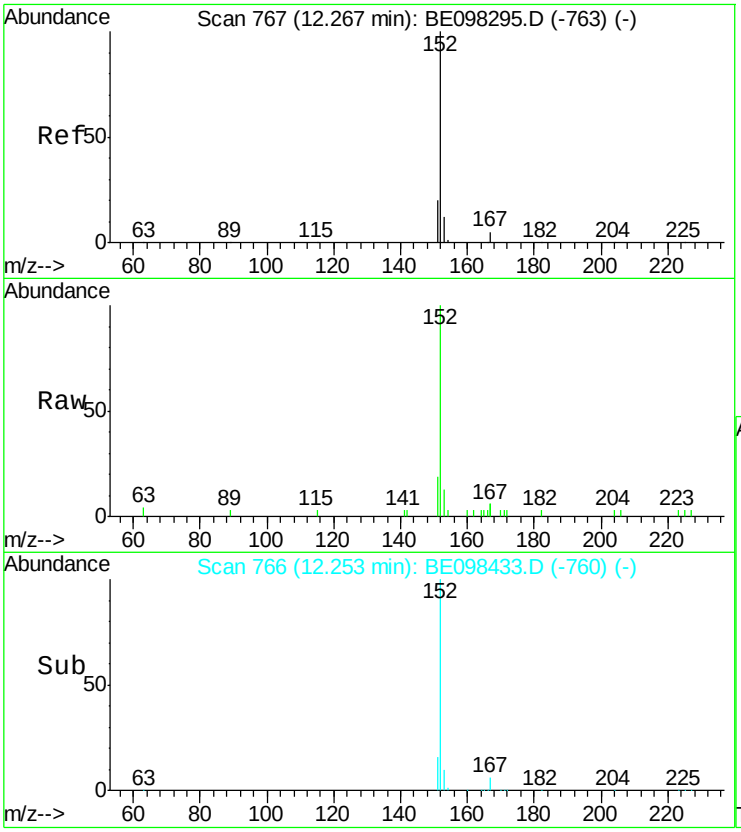


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:225 Resp: 1673

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.0
227	62.8	52.0	78.0



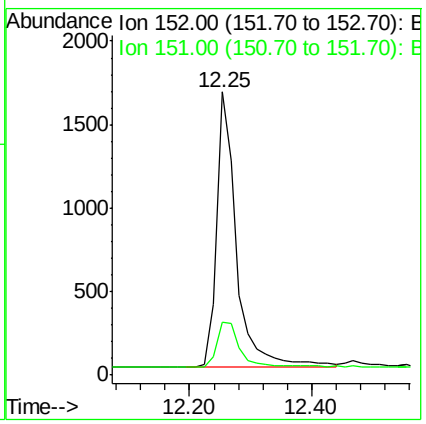


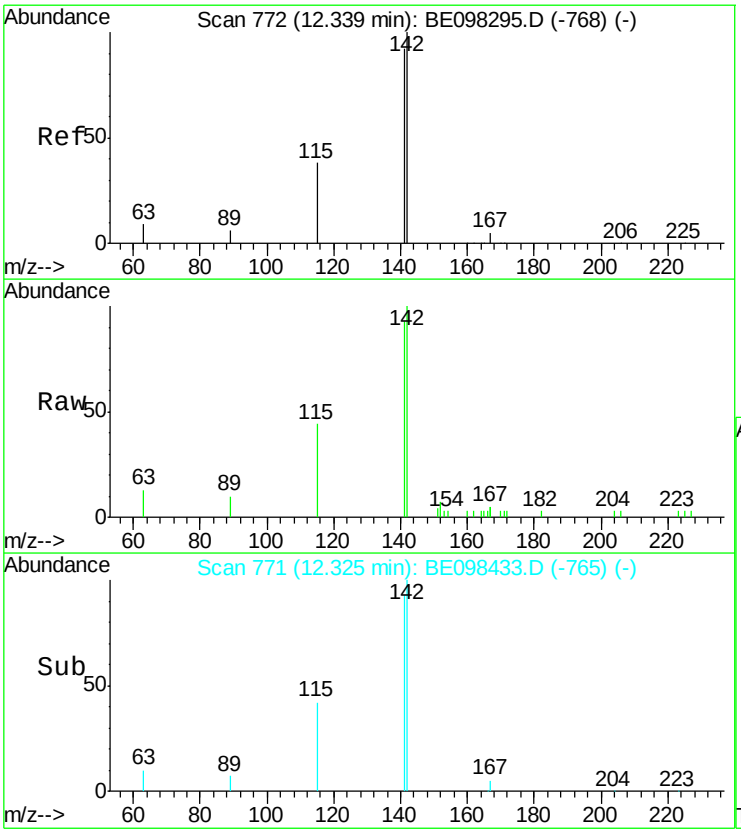
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3757

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

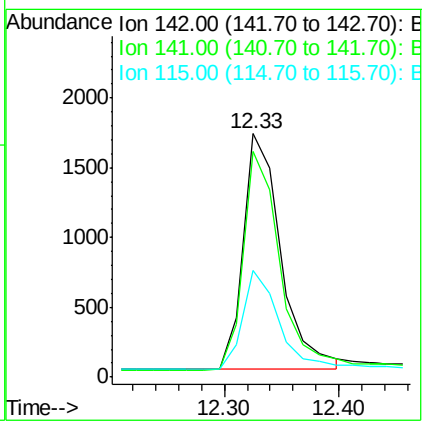


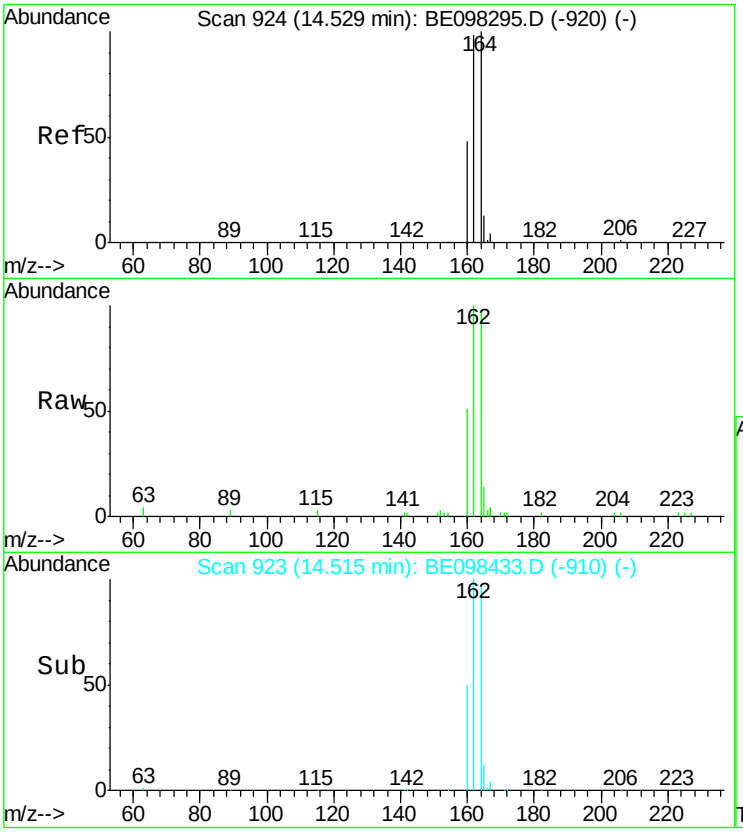


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.33 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:142 Resp: 3815

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.0	106.6
115	43.9	32.2	48.2



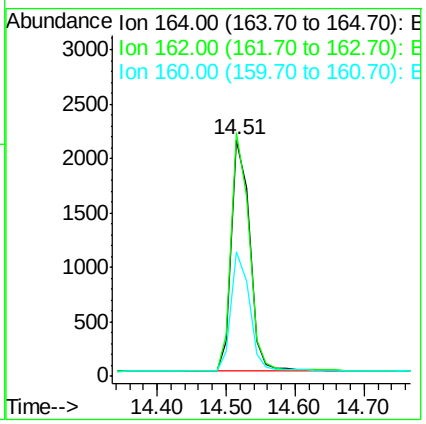


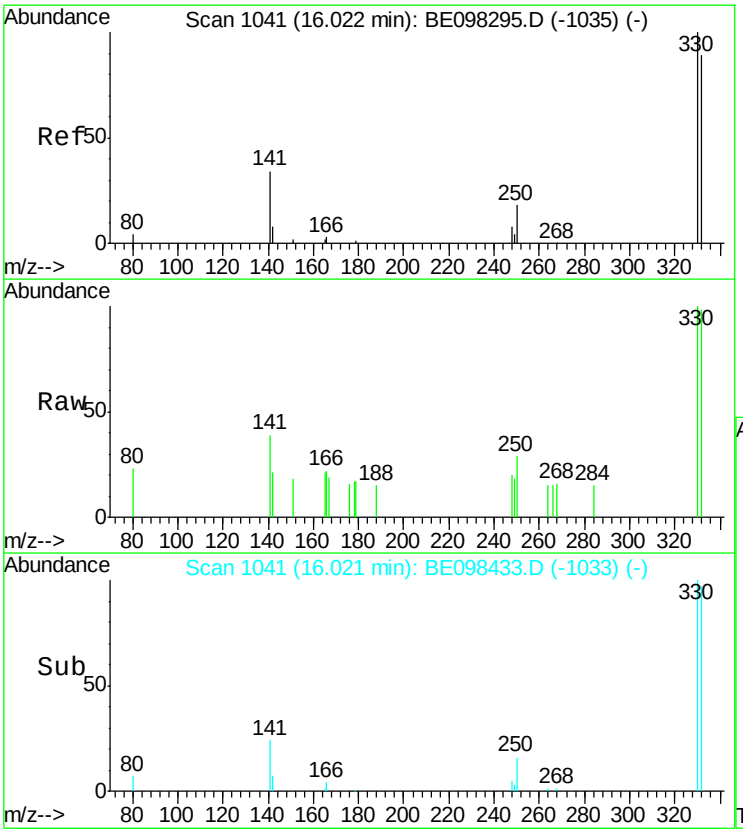
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3924

Ion	Ratio	Lower	Upper
164	100		
162	103.1	77.6	116.4
160	52.7	36.0	54.0

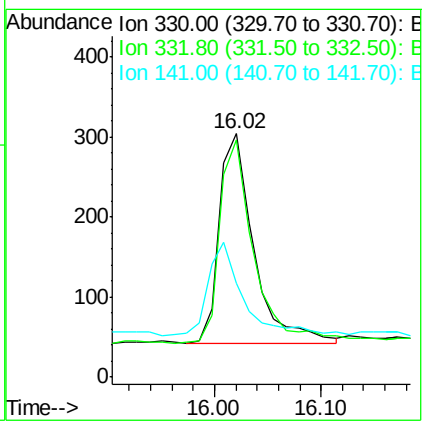


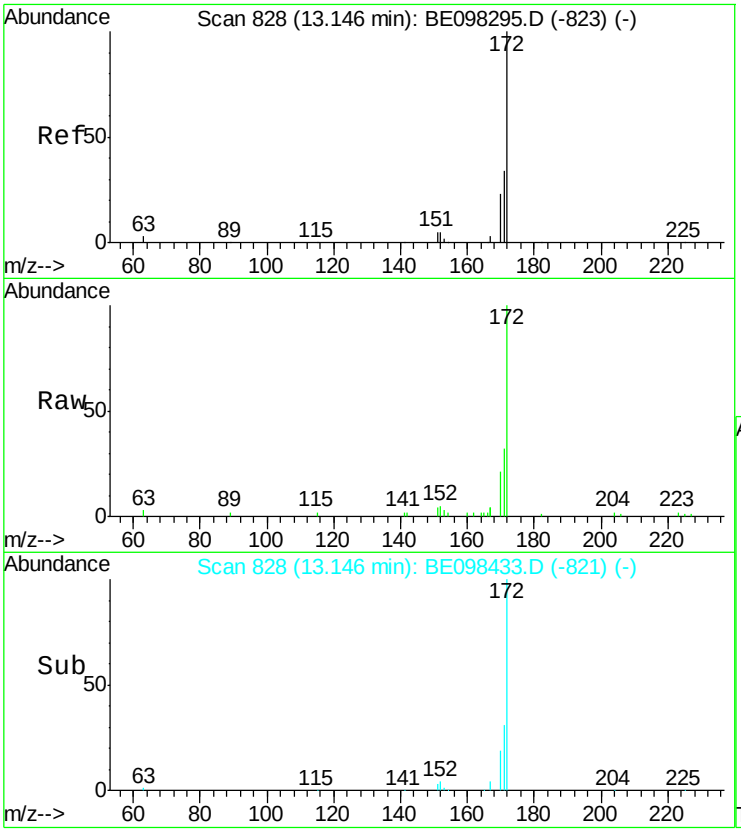


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:330 Resp: 585

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.2	114.4
141	47.2	39.0	58.4



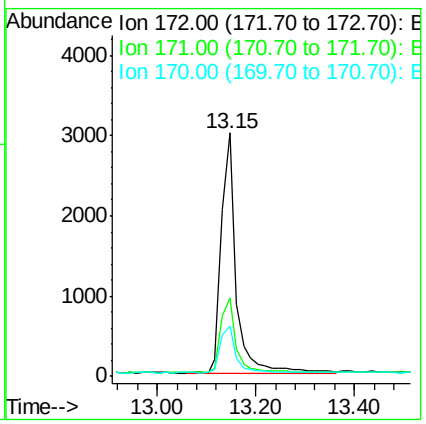


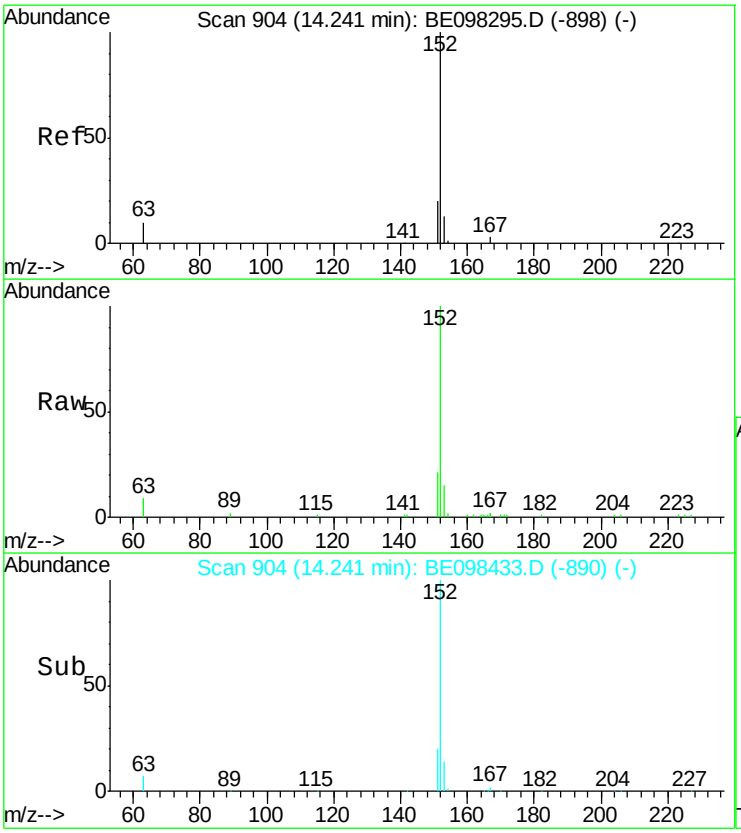
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6174

Ion	Ratio	Lower	Upper
172	100		
171	32.5	27.5	41.3
170	20.8	19.6	29.4

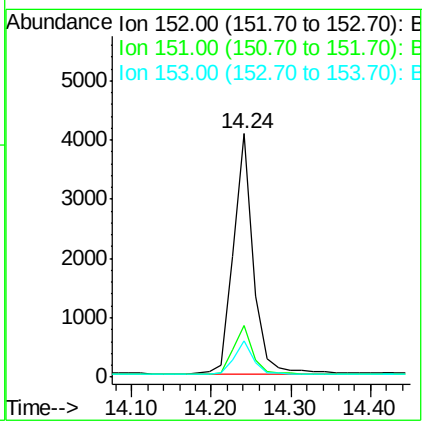


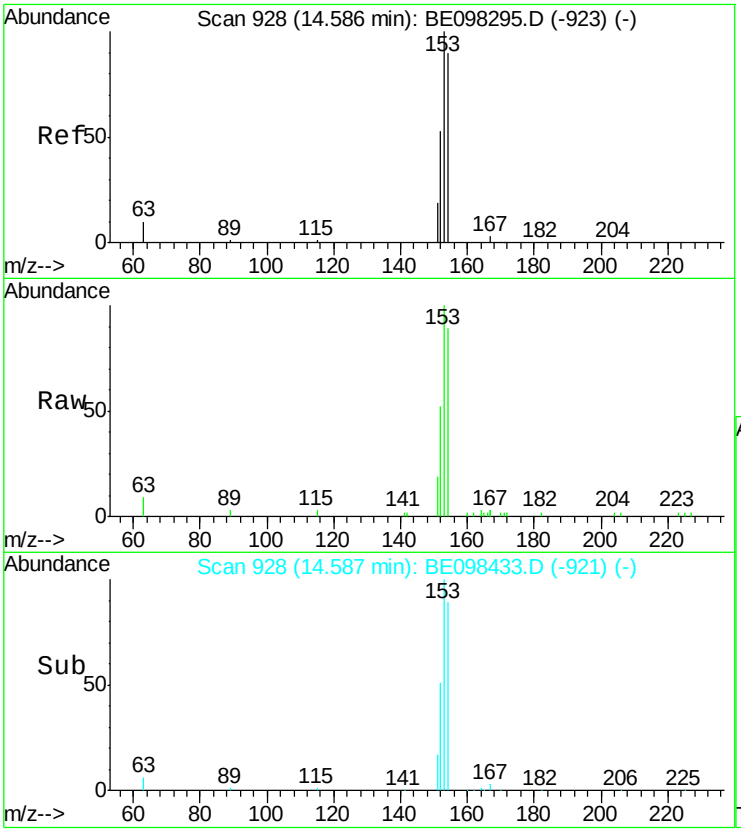


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:152 Resp: 7004

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	13.4	10.6	16.0



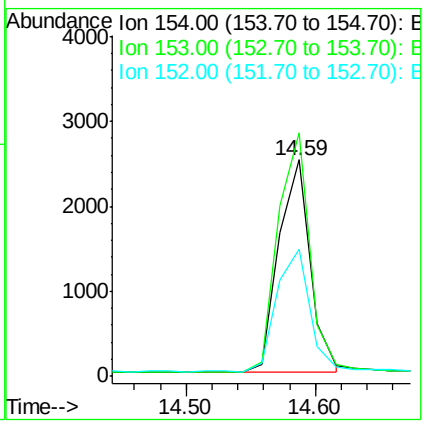


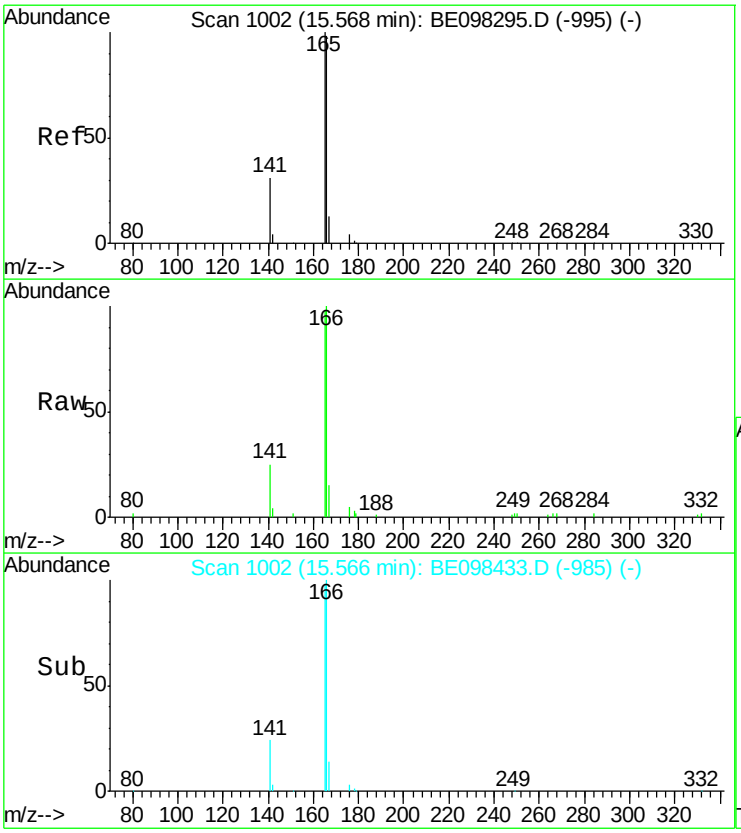
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4249

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.8	137.6
152	60.7	45.5	68.3

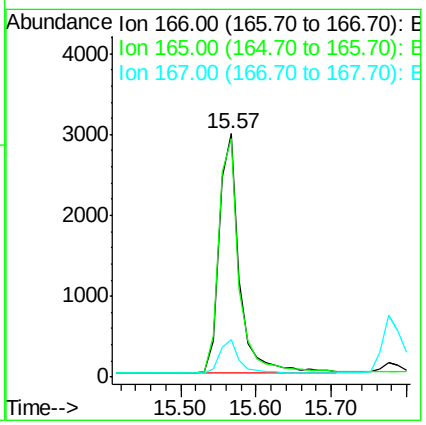


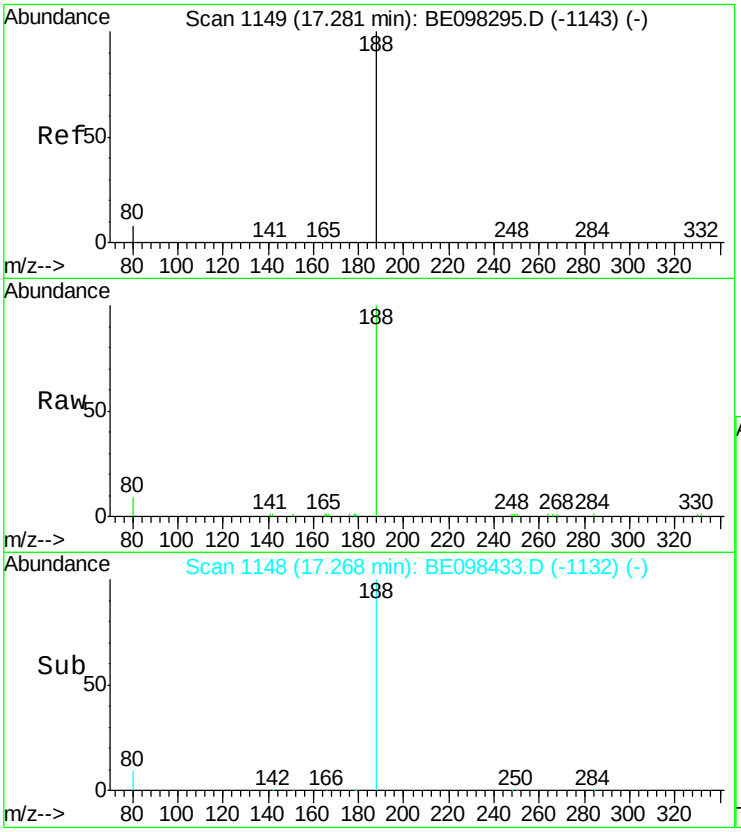


#18
Fluorene
Concen: 0.382 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:166 Resp: 5641

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.3	118.9
167	14.1	11.3	16.9



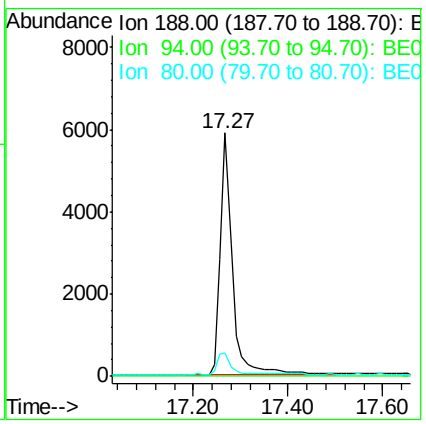


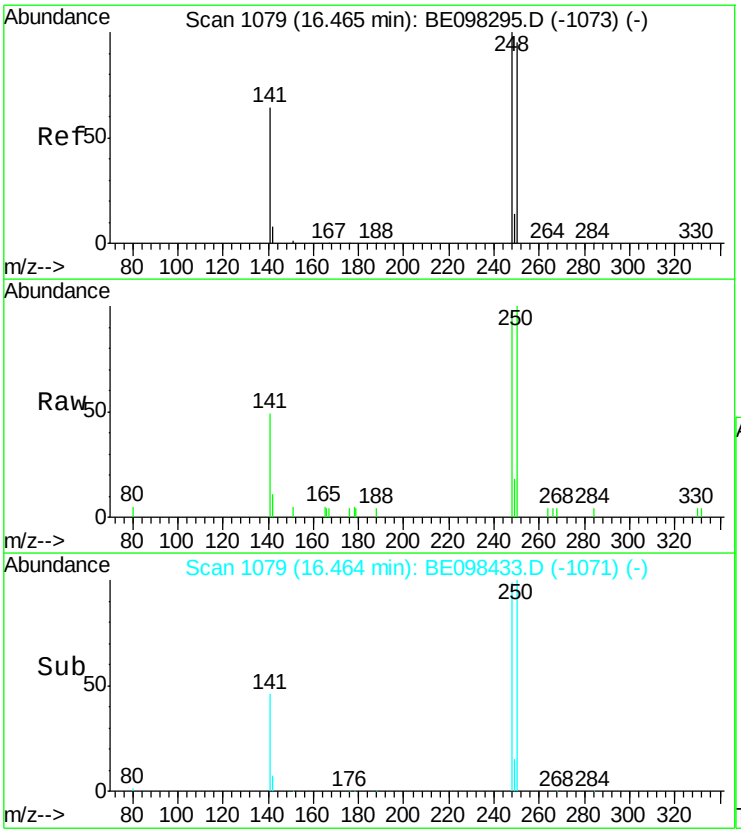
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 10398

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.2	10.8

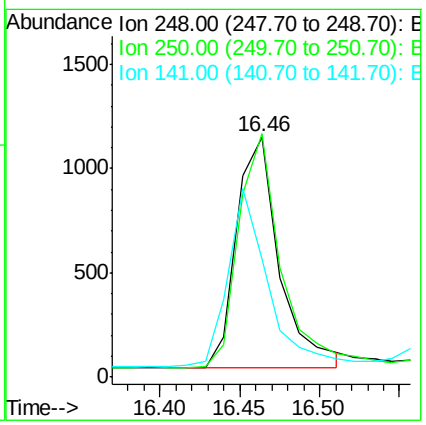


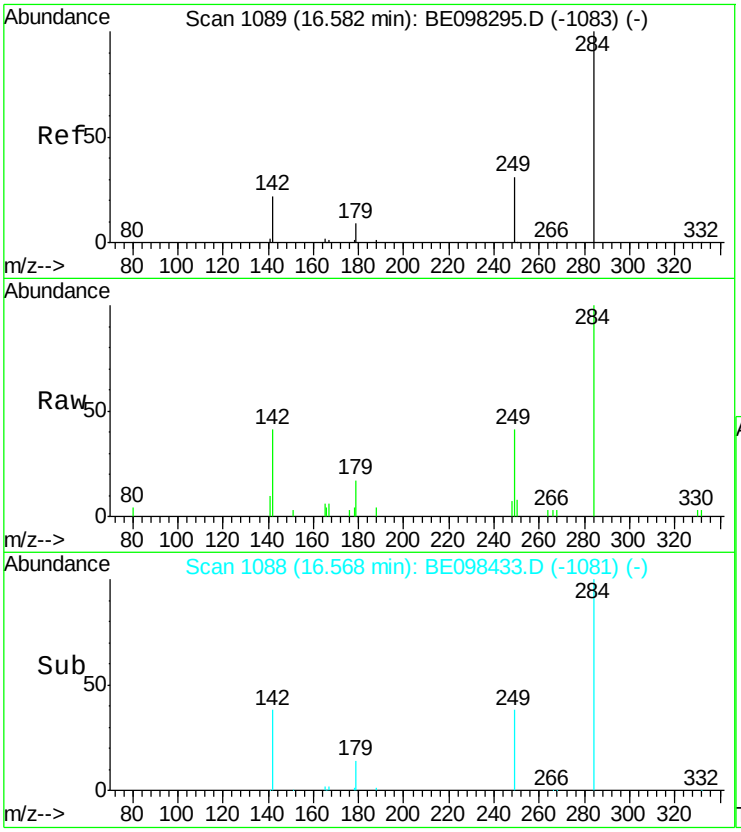


#20
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:248 Resp: 2058

Ion	Ratio	Lower	Upper
248	100		
250	101.6	71.0	106.6
141	49.4	62.1	93.1#



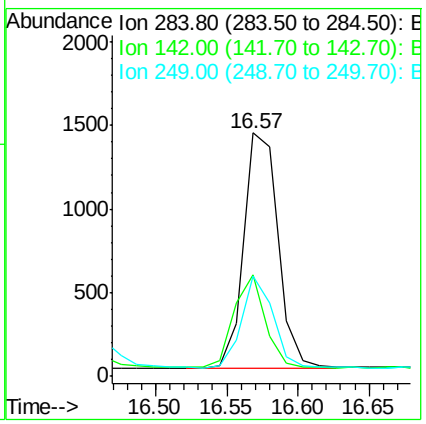


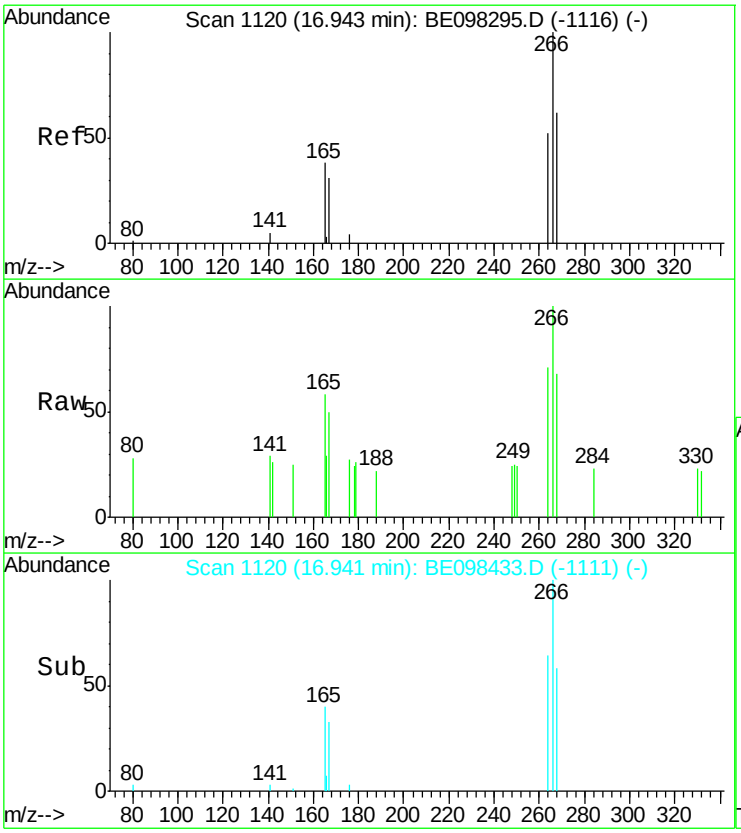
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2370

Ion	Ratio	Lower	Upper
284	100		
142	35.9	26.3	39.5
249	35.2	26.0	39.0

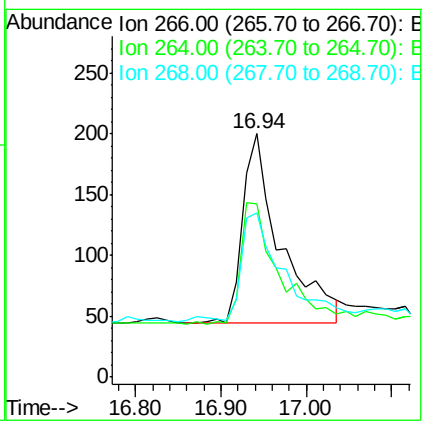


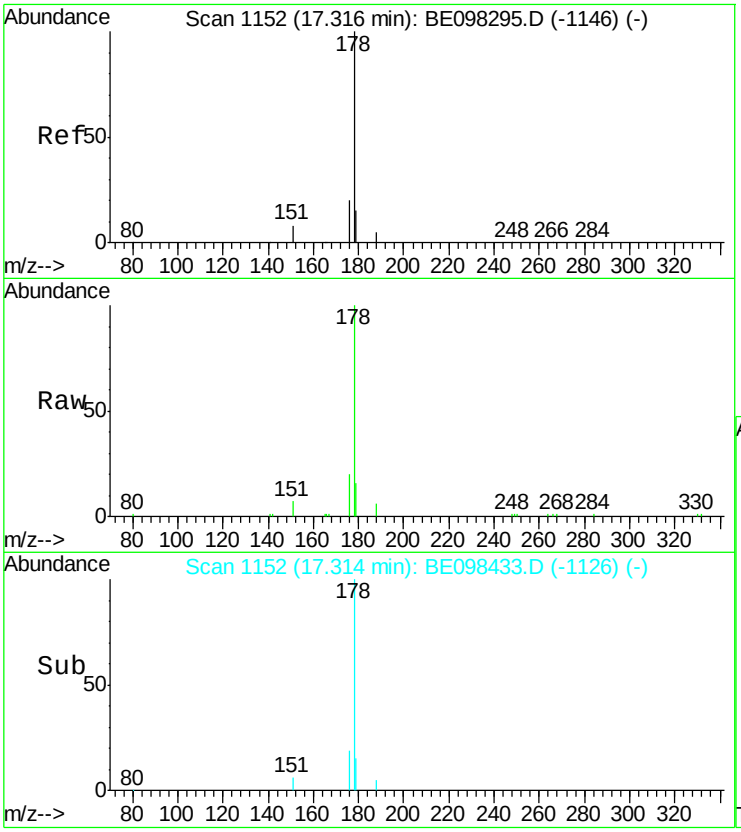


#22
Pentachlorophenol
Concen: 0.486 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:266 Resp: 485

Ion	Ratio	Lower	Upper
266	100		
264	71.0	59.0	88.4
268	67.5	55.1	82.7



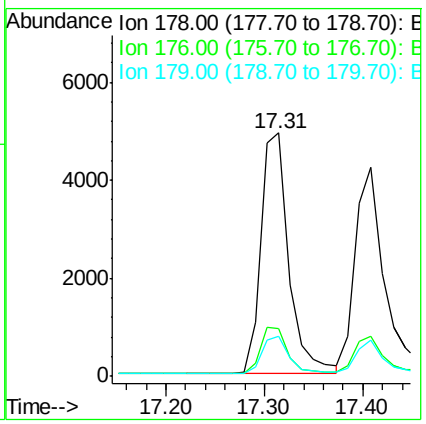


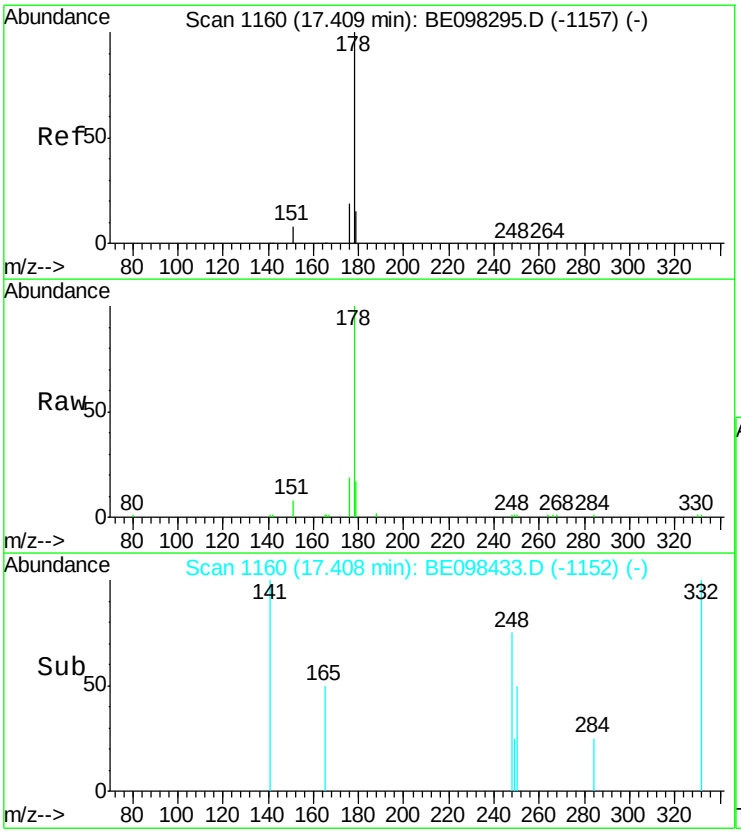
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9675

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.3	12.3	18.5

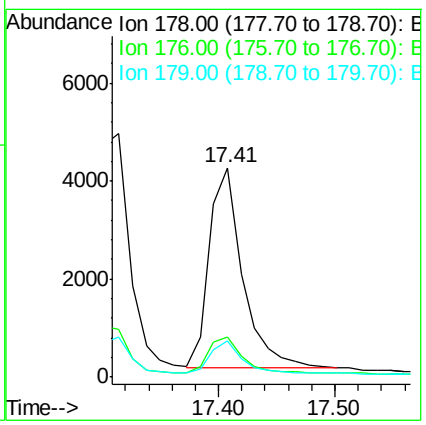


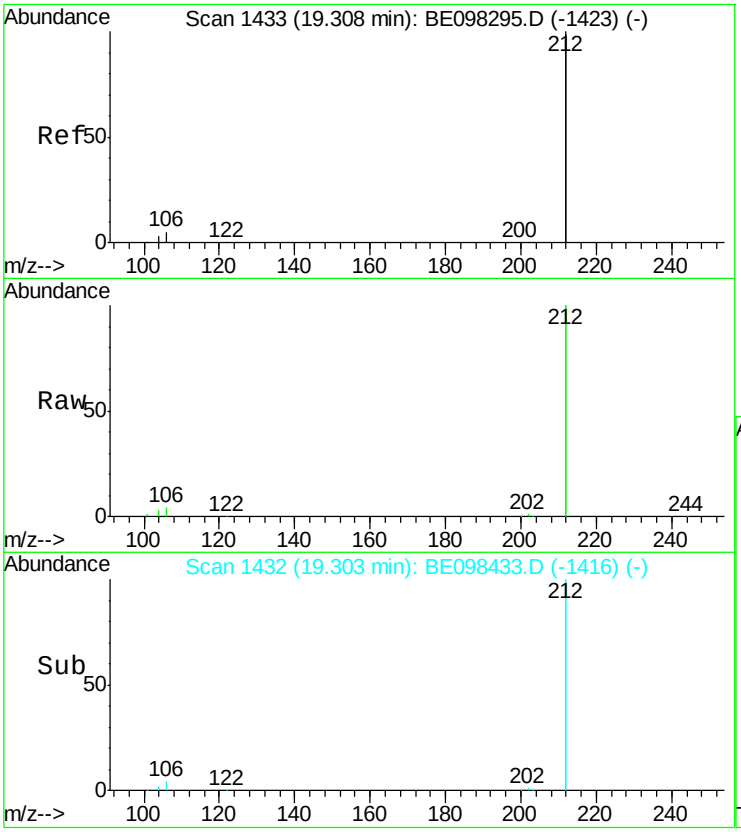


#24
Anthracene
Concen: 0.358 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:178 Resp: 8064

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.2	12.3	18.5



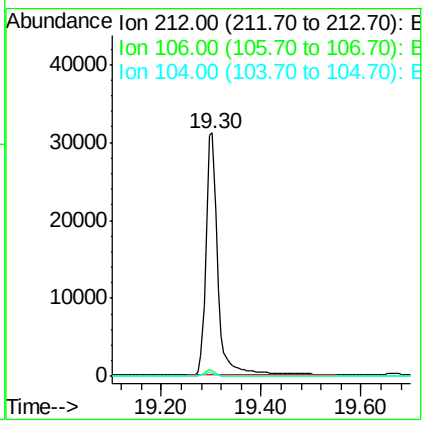


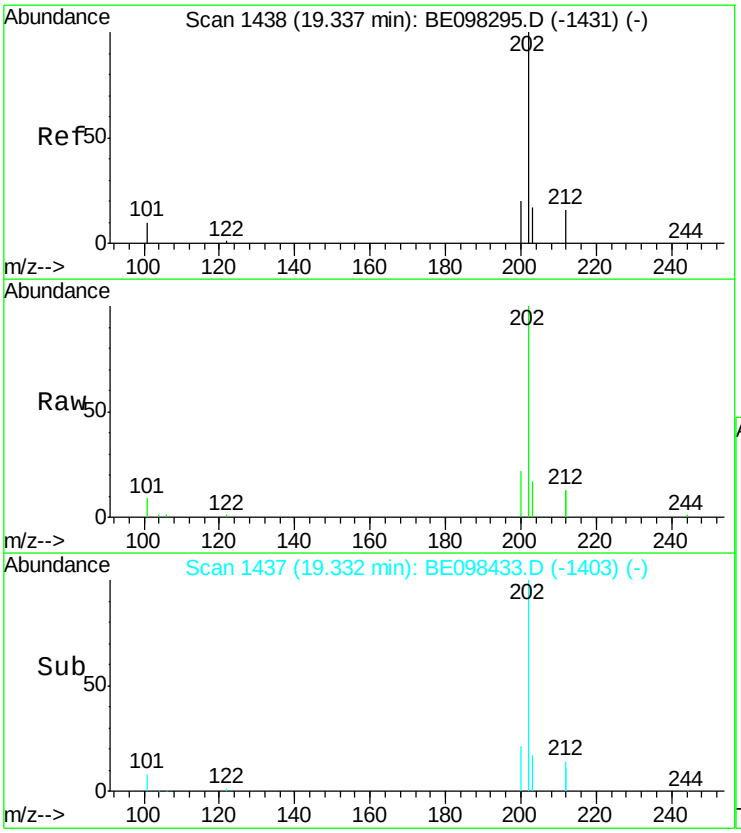
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 50884

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.3	1.3	1.9

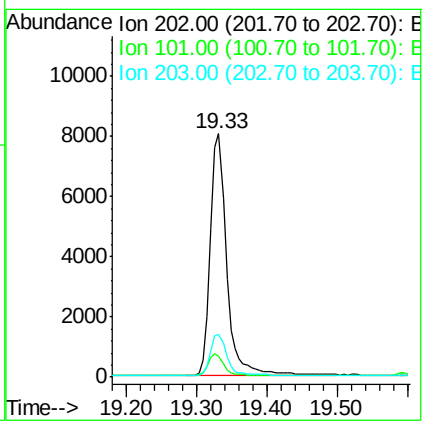


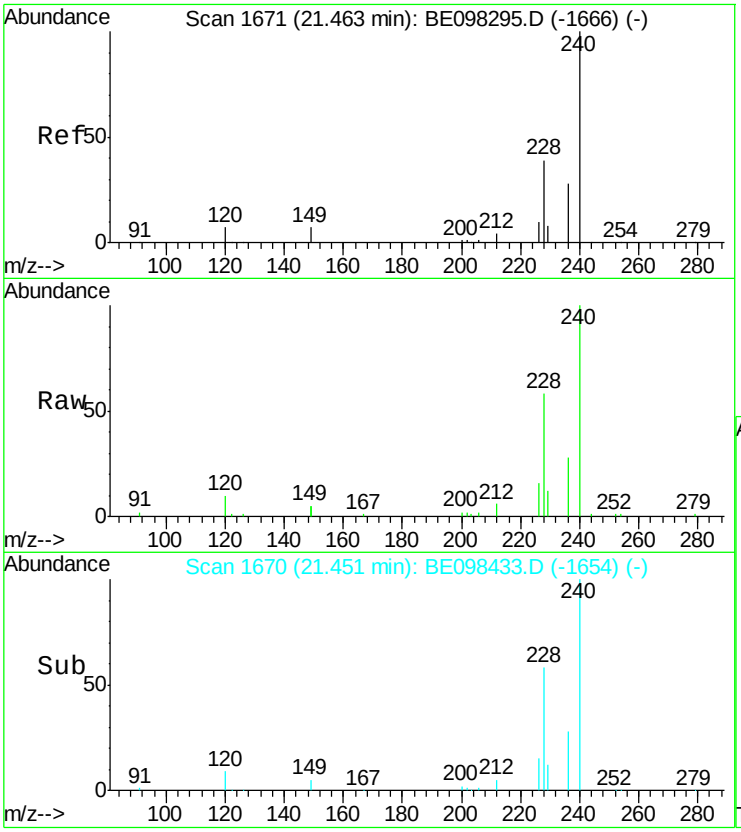


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:202 Resp: 13020

Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.0	12.0
203	16.8	13.8	20.6



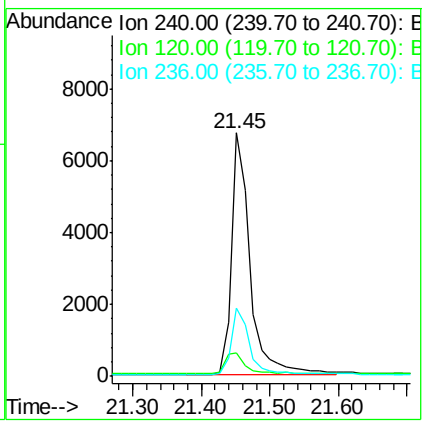


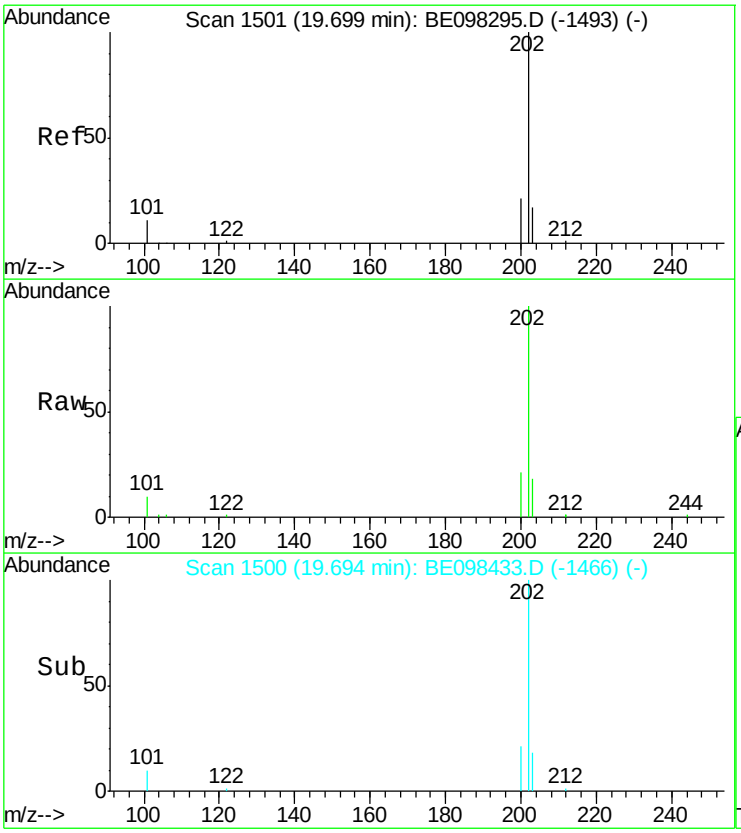
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12570

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	28.2	22.7	34.1

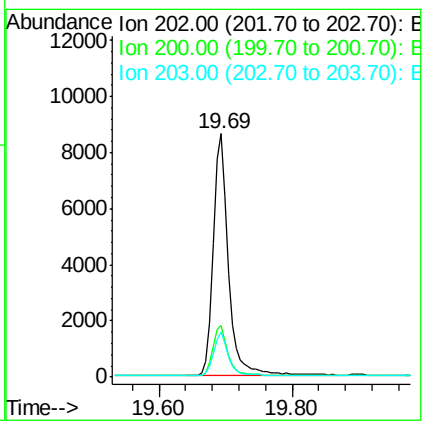


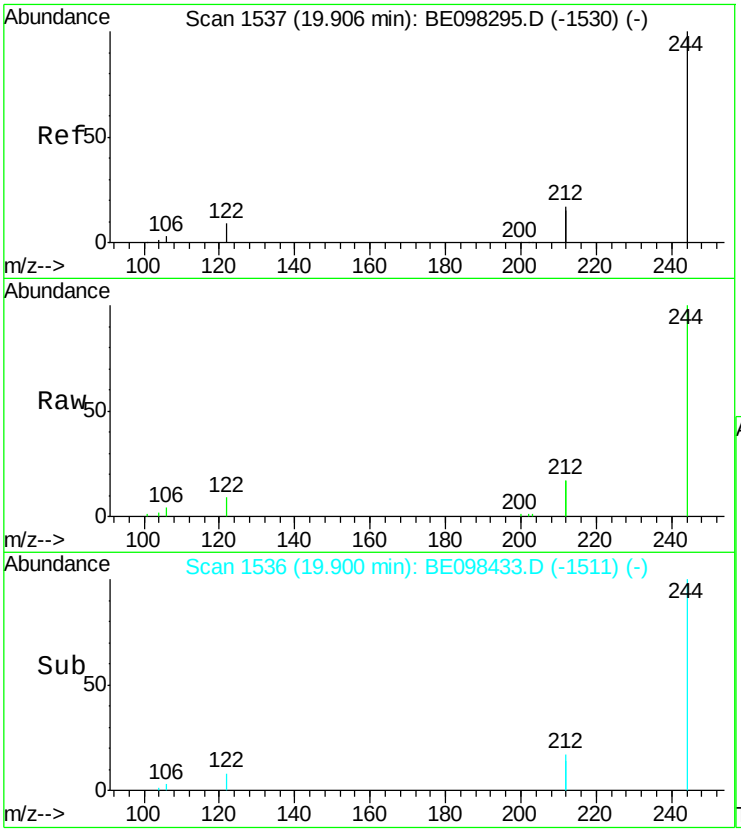


#28
Pyrene
Concen: 0.344 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:202 Resp: 13559

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	14.1	21.1



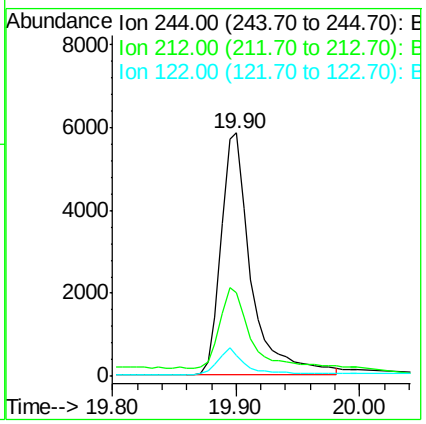


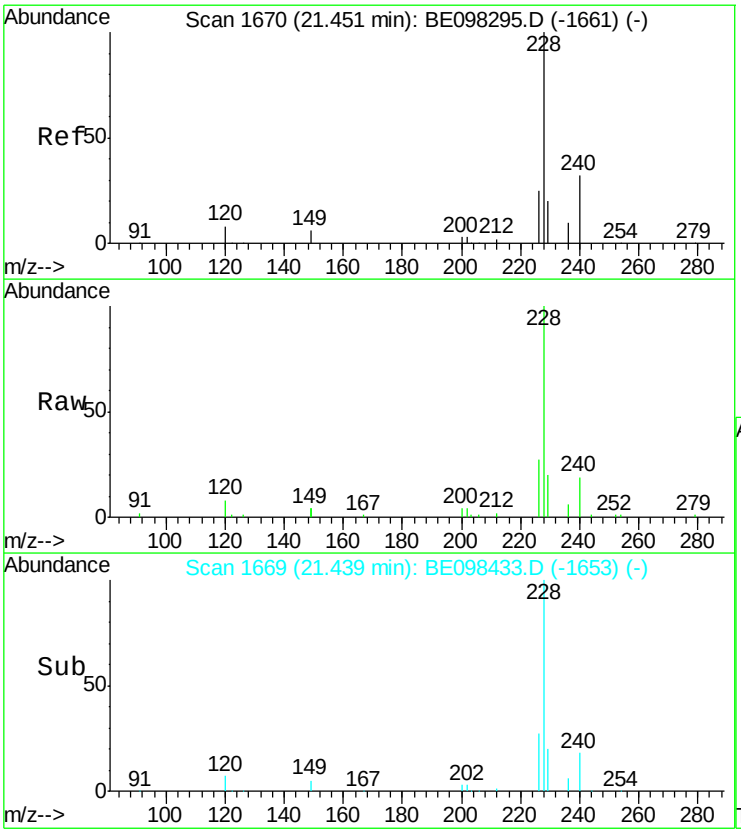
#29
Terphenyl-d14
Concen: 0.320 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9765

Ion	Ratio	Lower	Upper
244	100		
212	34.6	27.4	41.0
122	8.8	8.3	12.5

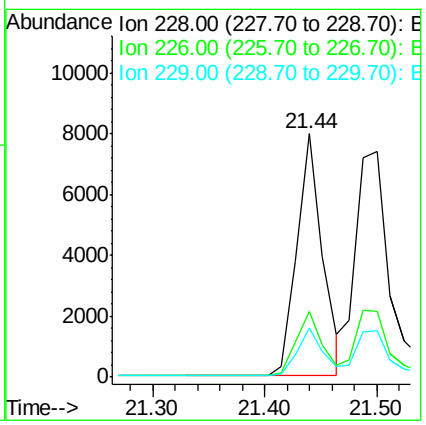


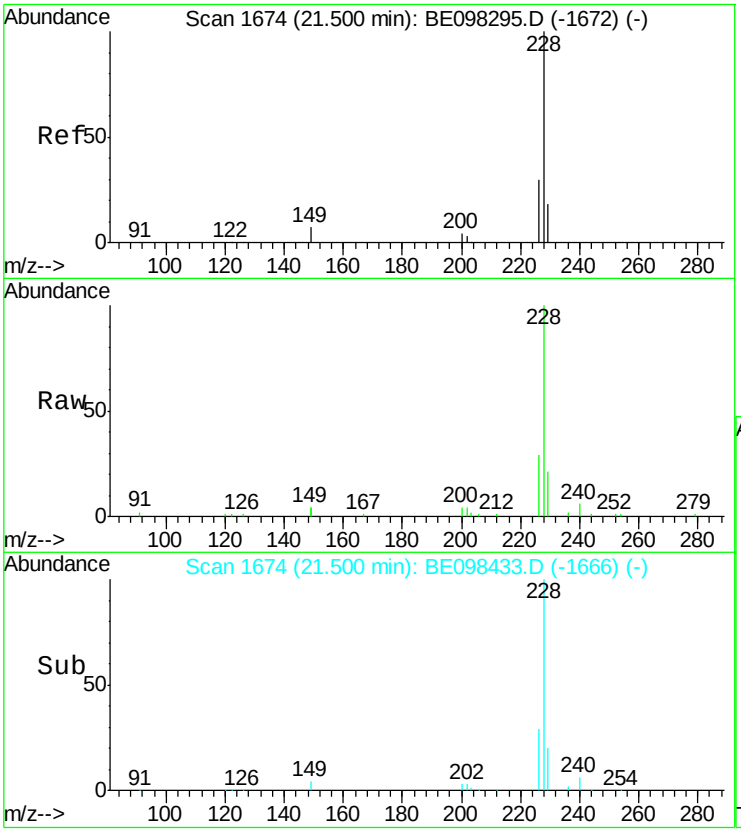


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:228 Resp: 12574

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.0	16.3	24.5



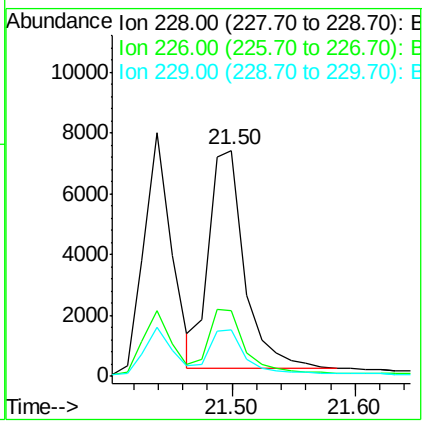


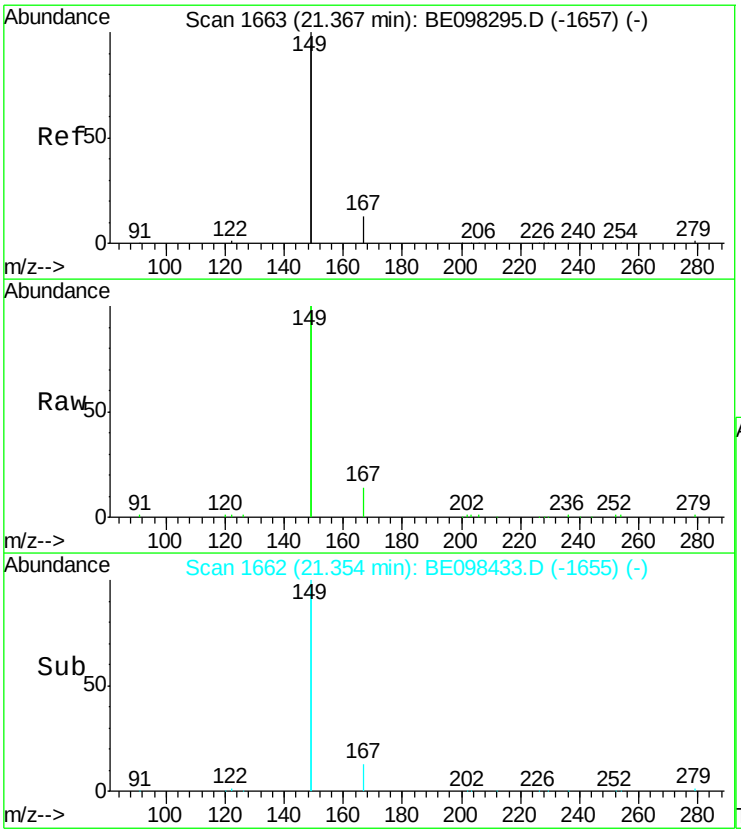
#31
Chrysene
Concen: 0.386 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 14475

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	20.5	16.2	24.4

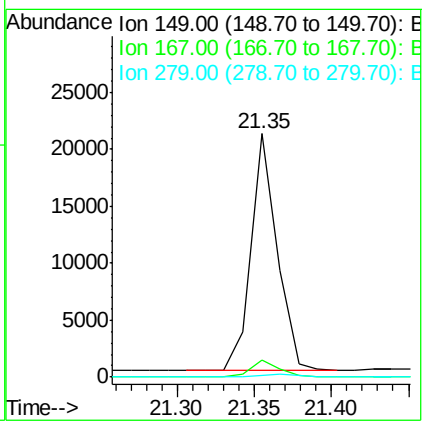


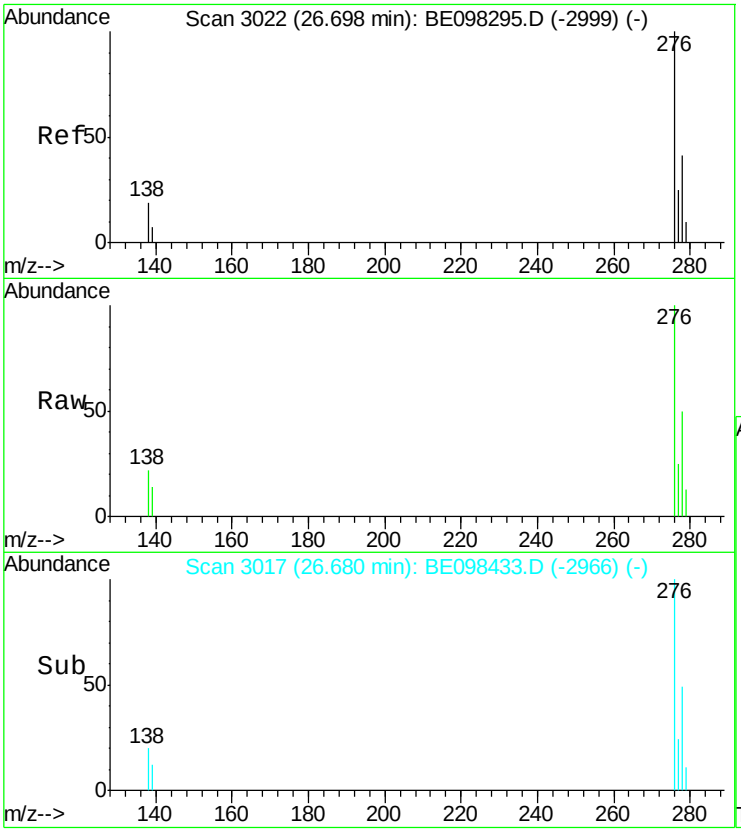


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.336 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:149 Resp: 24439

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.1	1.0	1.4



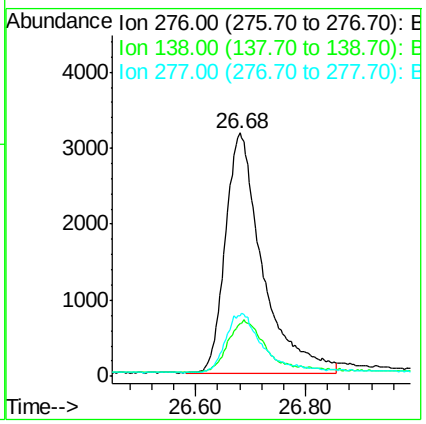


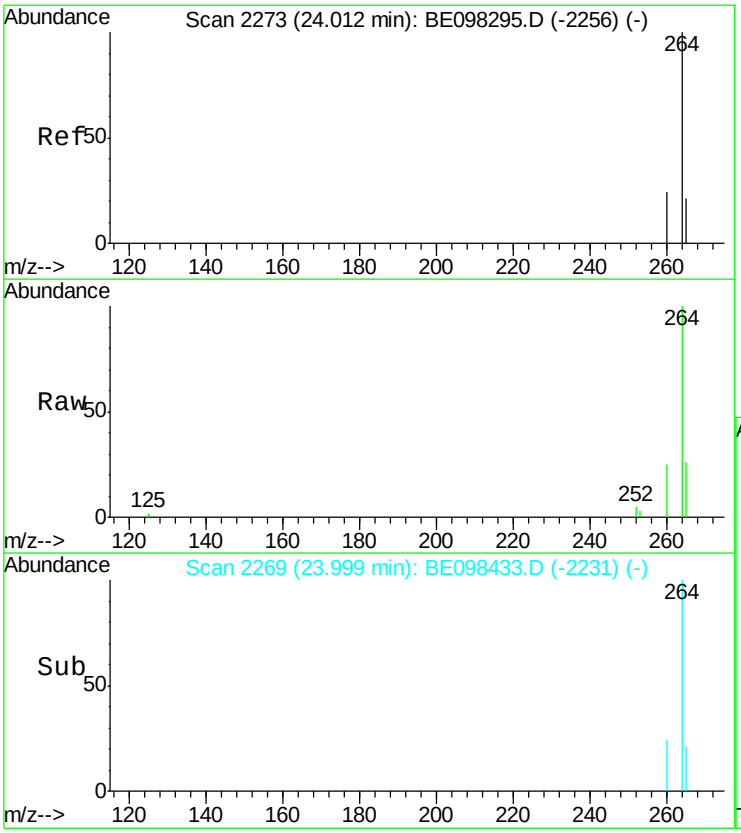
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.68 min Scan# 3017
Delta R.T. -0.02 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14737

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.3	24.5
277	23.5	20.2	30.4

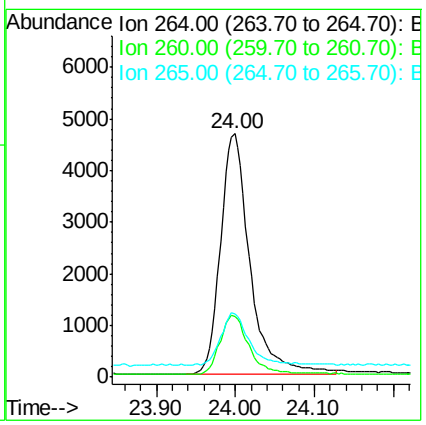


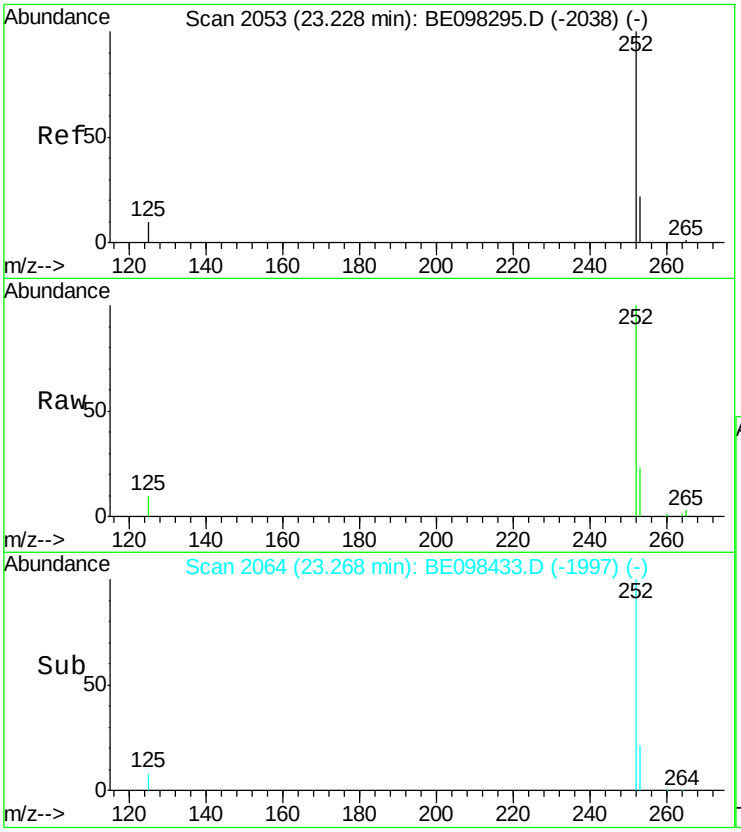


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:264 Resp: 12107

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	26.1	25.2	37.8



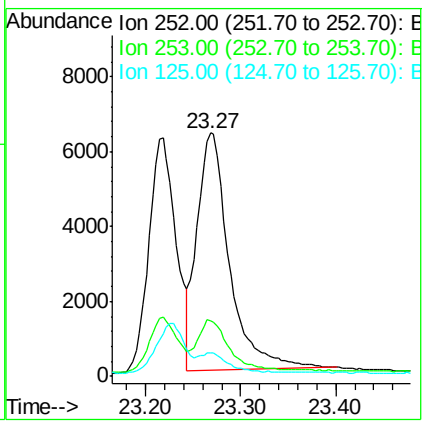


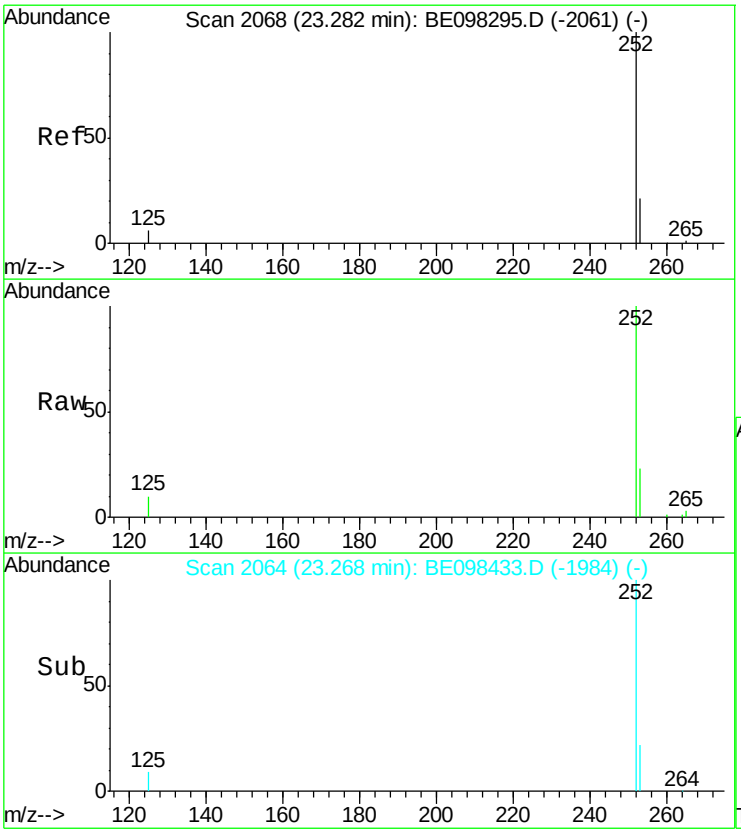
#35
Benzo(b)fluoranthene
Concen: 0.457 ng
RT: 23.27 min Scan# 2064
Delta R.T. 0.04 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15141

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	9.8	9.6	14.4

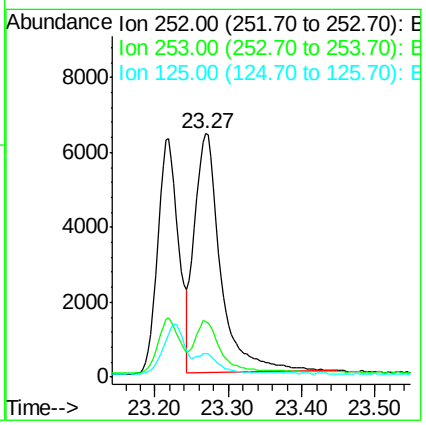


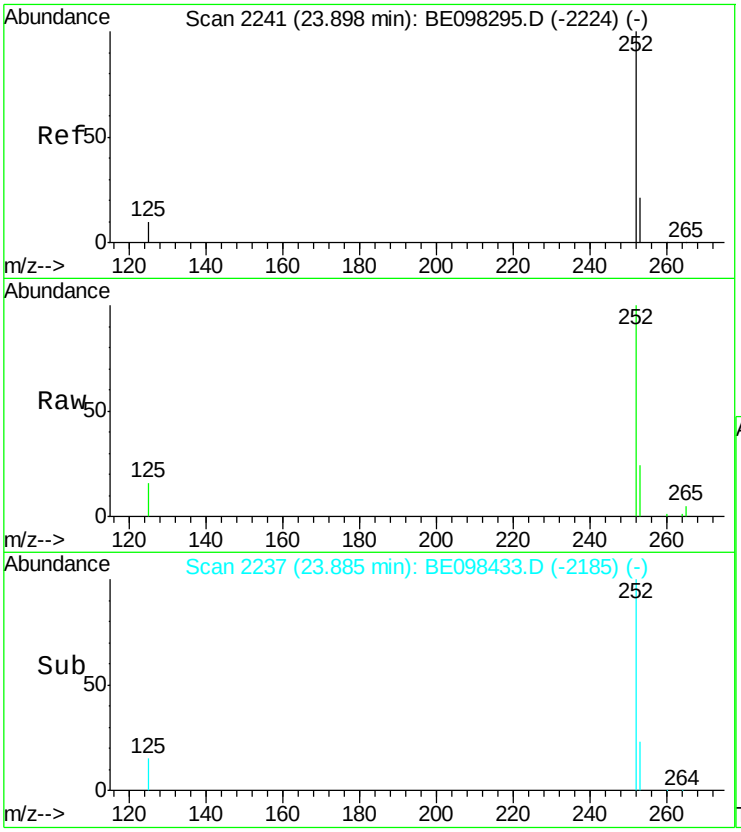


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 23.27 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:252 Resp: 15782

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.6
125	9.8	9.1	13.7



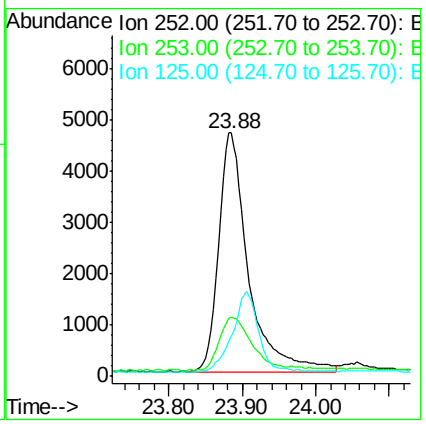


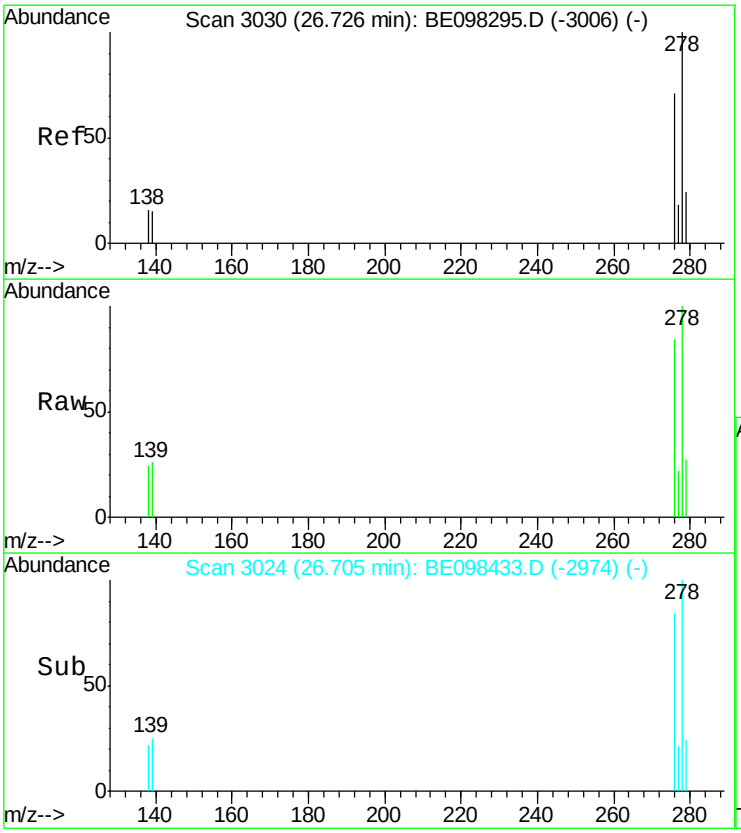
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.88 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13310

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	30.8
125	16.5	10.5	15.7#

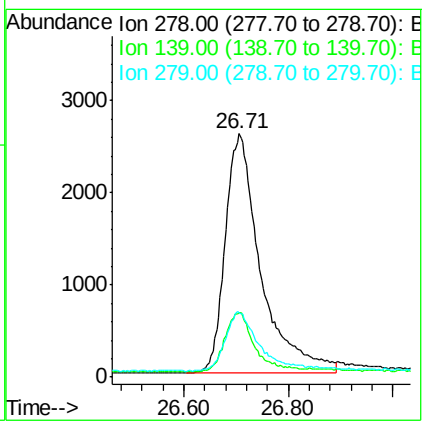


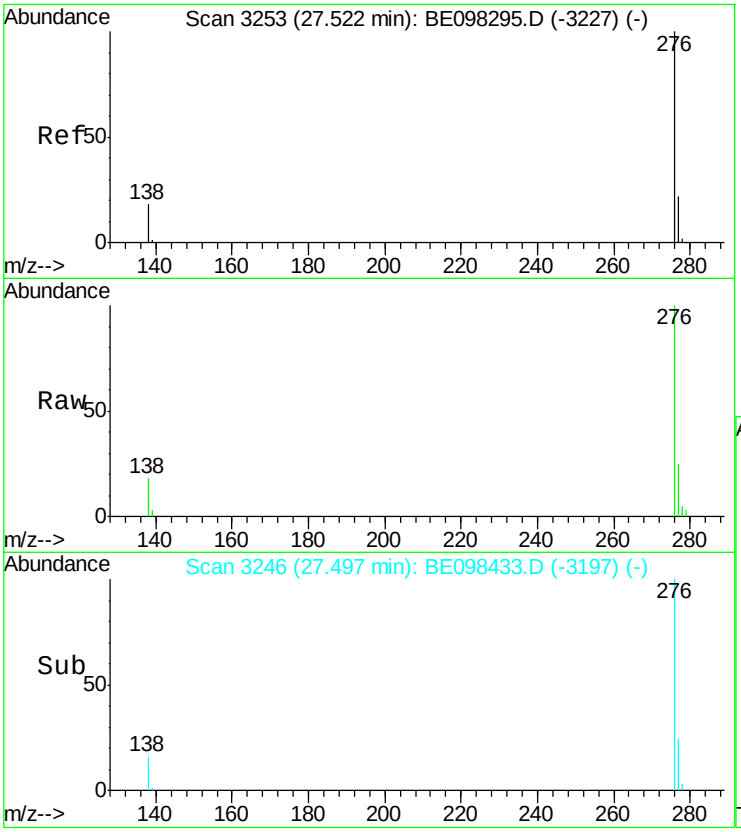


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.02 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Tgt Ion:278 Resp: 12271

Ion	Ratio	Lower	Upper
278	100		
139	26.5	14.5	21.7#
279	26.5	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.50 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BE098433.D
Acq: 14 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12308

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.8	31.2
138	18.1	15.8	23.6