Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098649.D
Acq On : 17 Jan 2019 12:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 17 13:33:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	973	0.40	ng		0.02
7) Naphthalene-d8	10.63	136	4478	0.40	ng		0.02
13) Acenaphthene-d10	14.48	164	3074	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	7353	0.40	ng		0.00
27) Chrysene-d12	21.42	240	8319	0.40	ng		0.00
34) Perylene-d12	23.93	264	8020	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1099	0.42	ng		0.01
5) Phenol-d6	7.01	99	1482	0.40	ng		0.01
8) Nitrobenzene-d5	8.99	82	1512	0.43	ng		0.02
11) 2-Methylnaphthalene-d10	12.22	152	2885	0.39	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	549	0.41	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	4588	0.36	ng		0.03
25) Fluoranthene-d10	19.27	212	34214	0.38	ng		0.00
29) Terphenyl-d14	19.86	244	6974	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	713	0.397	ng		93
3) n-Nitrosodimethylamine	3.65	42	684	0.458	ng	#	97
6) bis(2-Chloroethyl)ether	7.25	93	1180	0.422	ng		85
9) Naphthalene	10.67	128	17189	0.385	ng		99
10) Hexachlorobutadiene	10.95	225	1248	0.391	ng		97
12) 2-Methylnaphthalene	12.29	142	2789	0.377	ng		94
16) Acenaphthylene	14.21	152	4986	0.375	ng		98
17) Acenaphthene	14.56	154	3069	0.367	ng		100
18) Fluorene	15.53	166	4018	0.370	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	1394	0.358	ng		96
21) Hexachlorobenzene	16.55	284	1766	0.376	ng		98
22) Pentachlorophenol	16.91	266	521	0.471	ng		91
23) Phenanthrene	17.27	178	6651	0.382	ng		99
24) Anthracene	17.36	178	5617	0.376	ng		99
26) Fluoranthene	19.29	202	8272	0.369	ng		99
28) Pyrene	19.66	202	8587	0.375	ng		99
30) Benzo(a)anthracene	21.40	228	8236	0.368	ng		97
31) Chrysene	21.45	228	8628	0.372	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	16427	0.346	ng		99
33) Indeno(1,2,3-cd)pyrene	26.58	276	9205	0.385	ng	#	90
35) Benzo(b)fluoranthene	23.16	252	8141	0.372	ng		99
36) Benzo(k)fluoranthene	23.21	252	9133	0.382	ng		99
37) Benzo(a)pyrene	23.82	252	7971	0.371	ng		96
38) Dibenzo(a,h)anthracene	26.61	278	7549	0.397	ng		98
39) Benzo(g,h,i)perylene	27.39	276	7915	0.379	ng		97

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

Quantitation Report (QT Reviewed)

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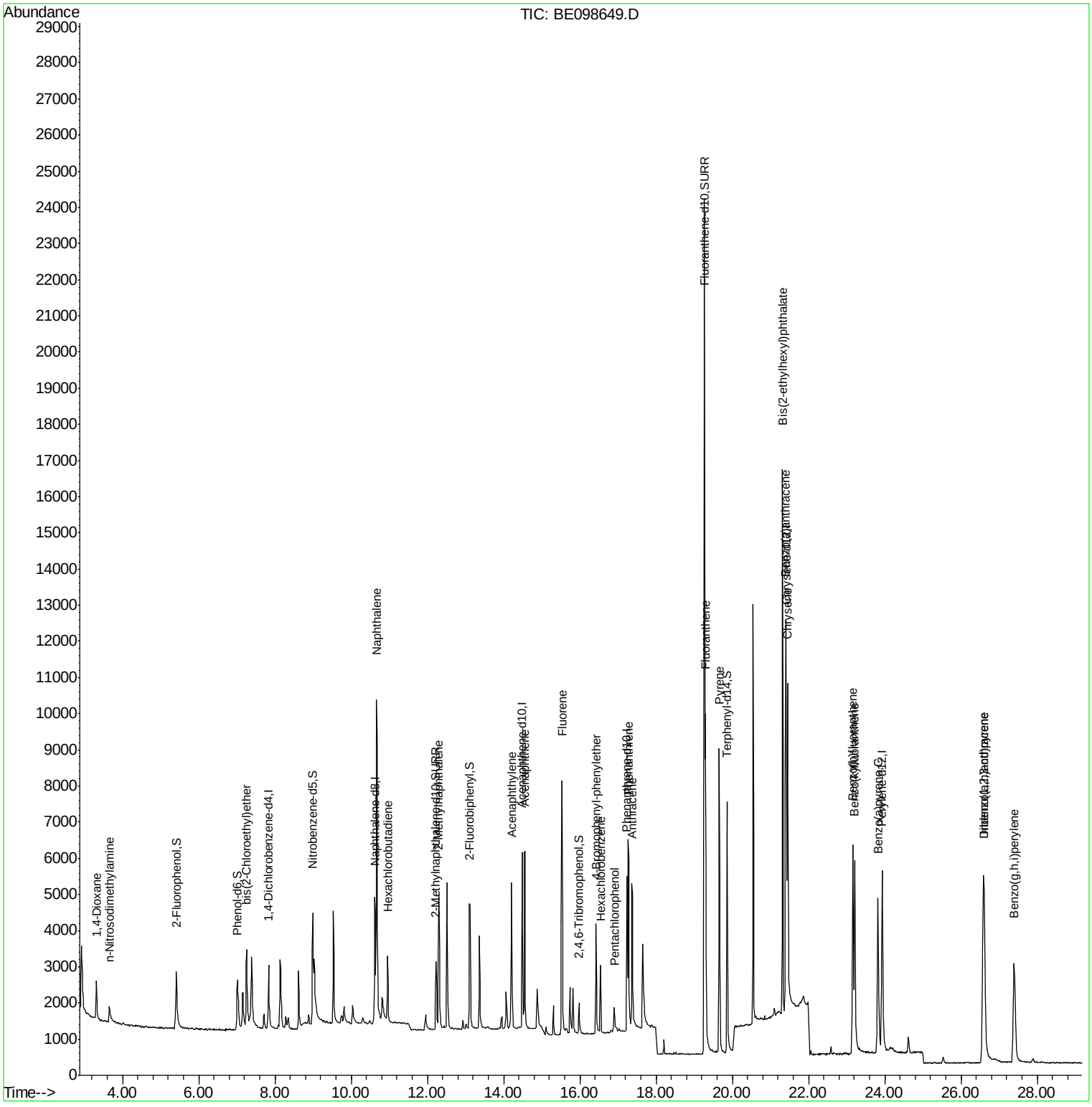
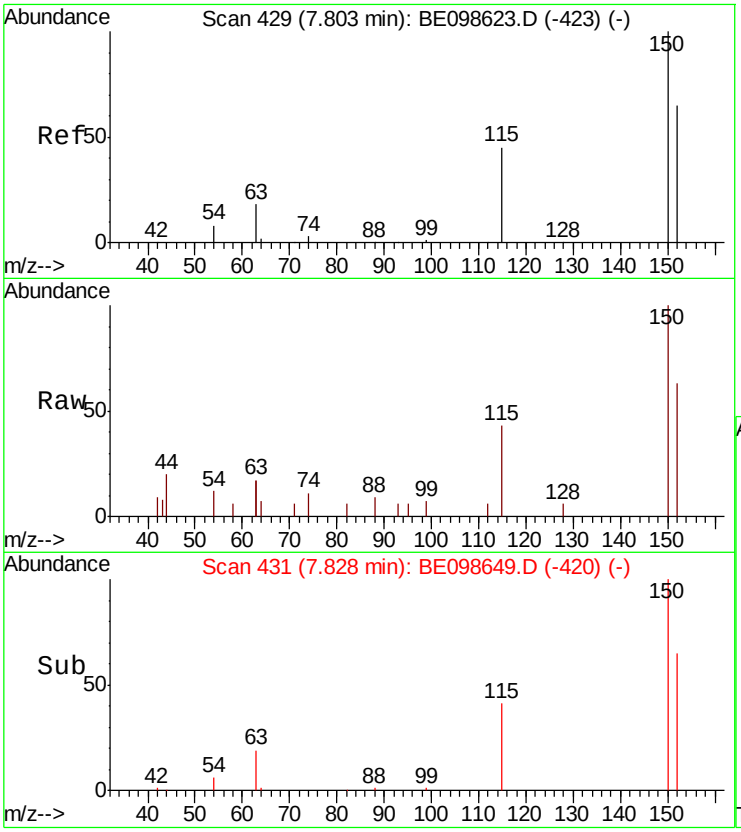
Data File : BE098649.D
Acq On : 17 Jan 2019 12:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 17 13:33:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



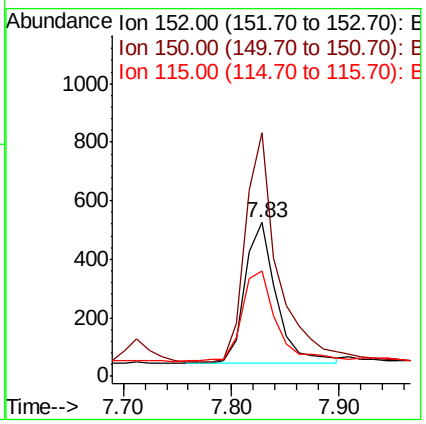


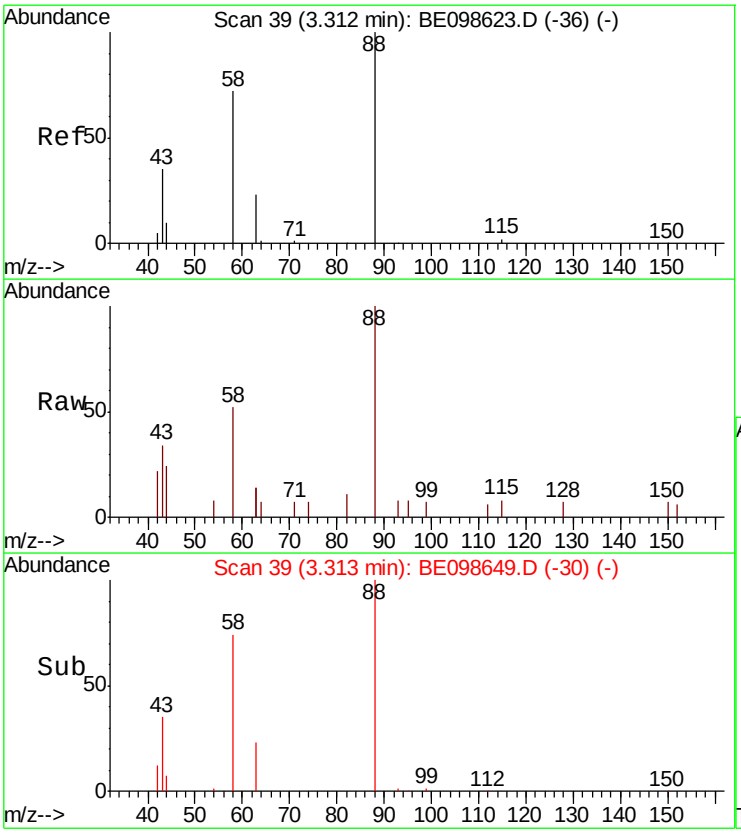
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.02 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 973

Ion	Ratio	Lower	Upper
152	100		
150	158.2	121.4	182.2
115	68.6	59.1	88.7

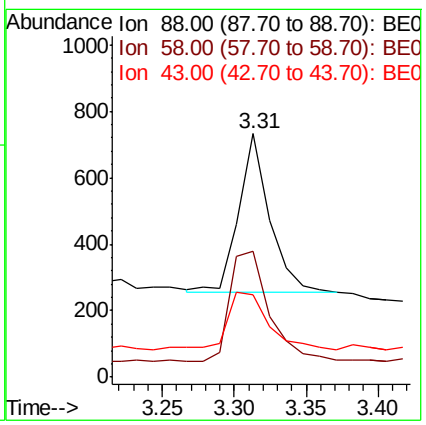


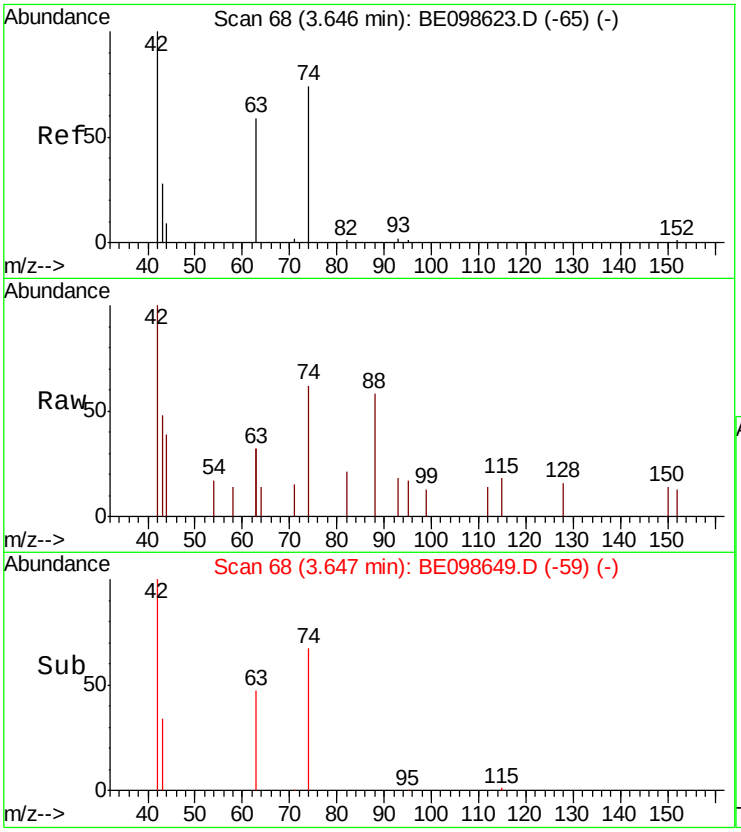


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion: 88 Resp: 713

Ion	Ratio	Lower	Upper
88	100		
58	87.4	73.9	110.9
43	48.1	43.7	65.5



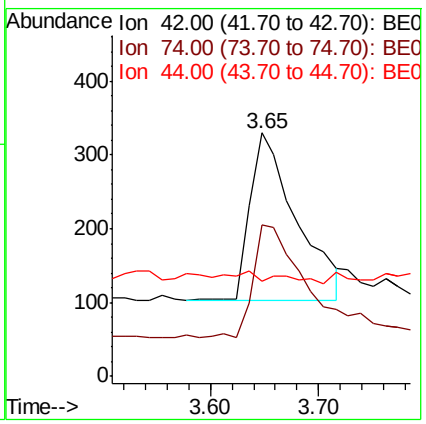


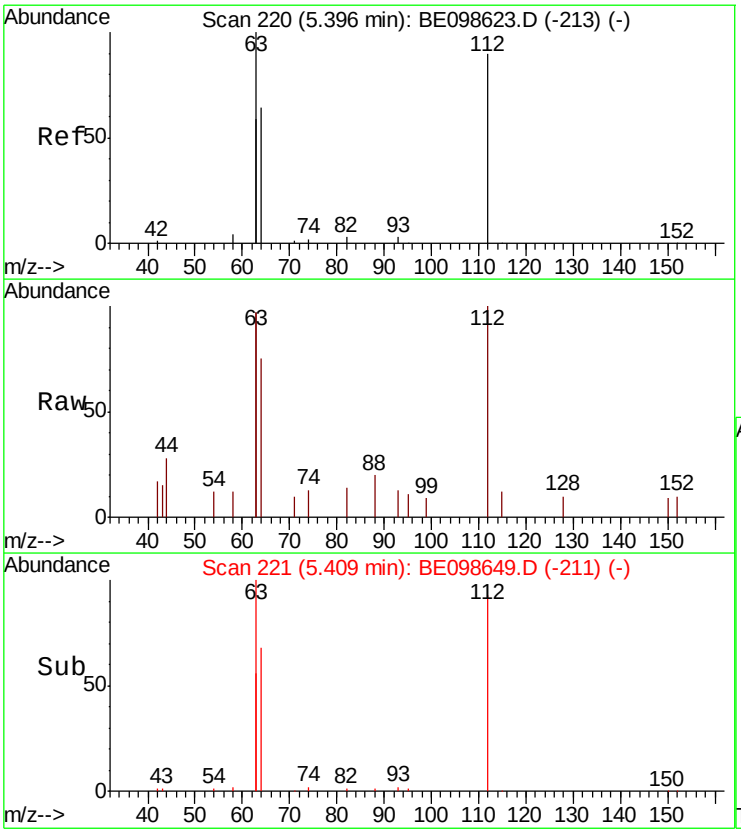
#3
n-Nitrosodimethylamine
Concen: 0.458 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 684

Ion	Ratio	Lower	Upper
42	100		
74	71.5	58.9	88.3
44	1.0	0.0	0.0#

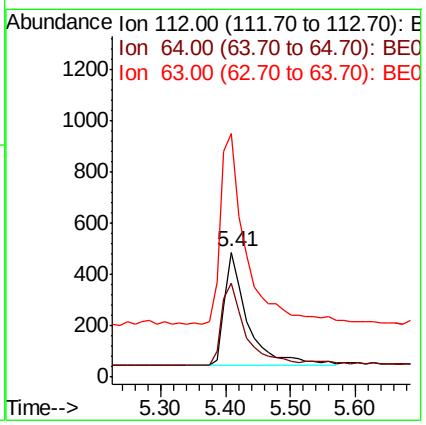


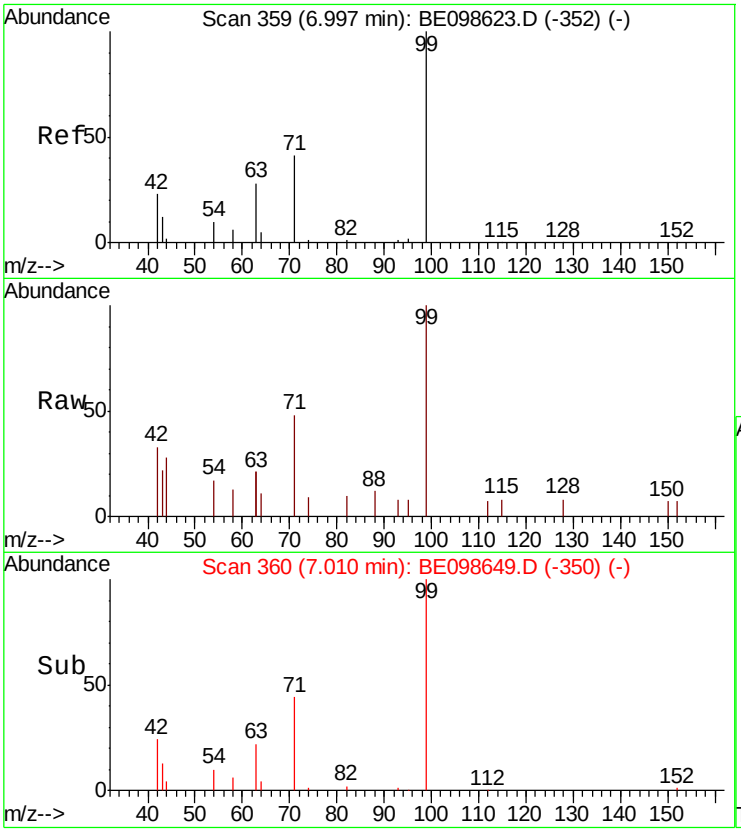


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:112 Resp: 1099

Ion	Ratio	Lower	Upper
112	100		
64	75.2	62.9	94.3
63	192.9	152.2	228.4



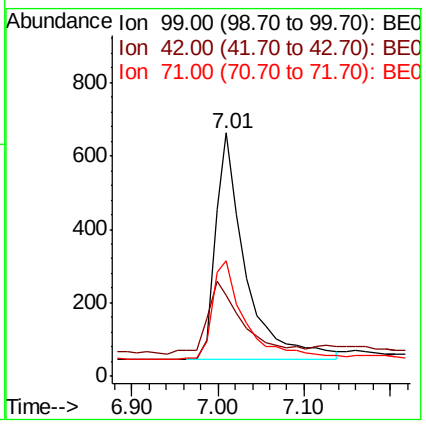


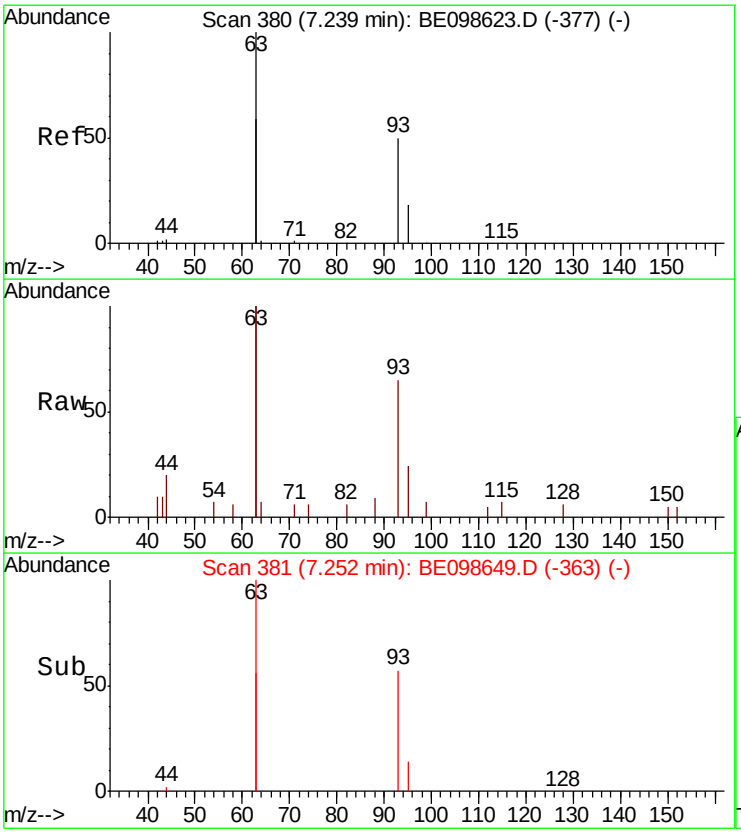
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1482

Ion	Ratio	Lower	Upper
99	100		
42	38.0	24.6	37.0#
71	48.0	35.1	52.7

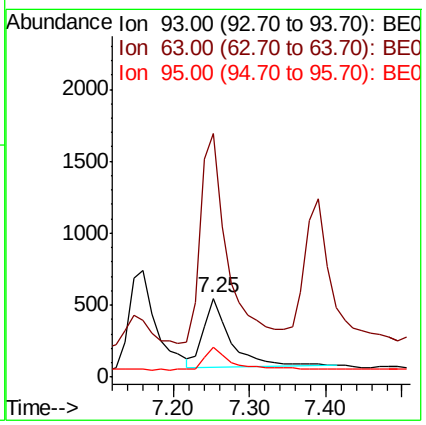


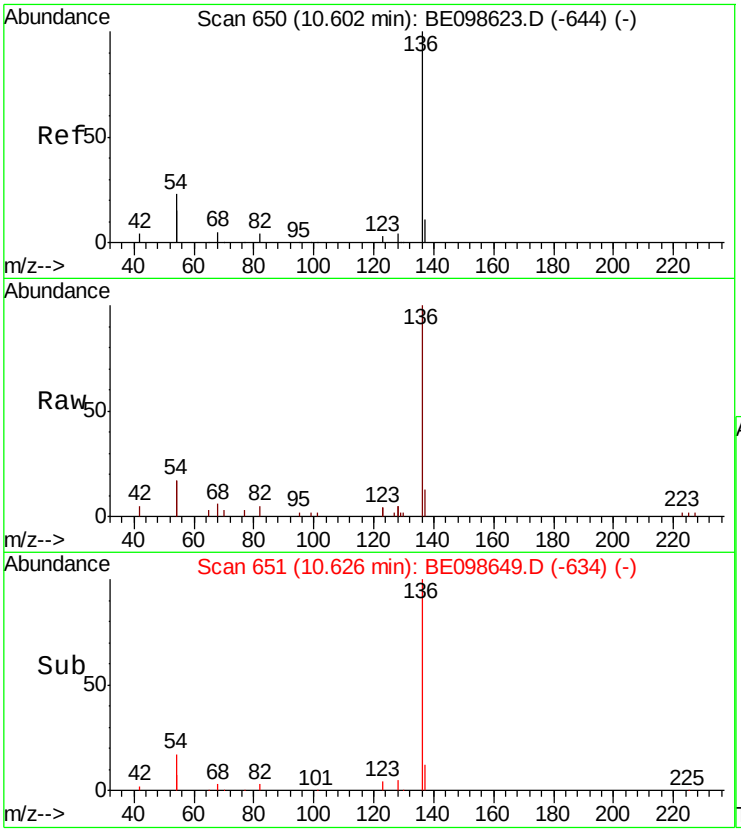


#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion: 93 Resp: 1180

Ion	Ratio	Lower	Upper
93	100		
63	300.3	267.3	400.9
95	31.5	26.2	39.4



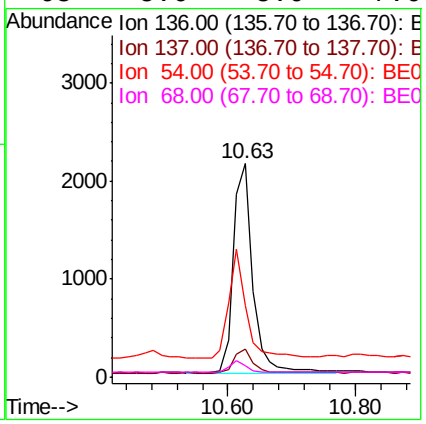


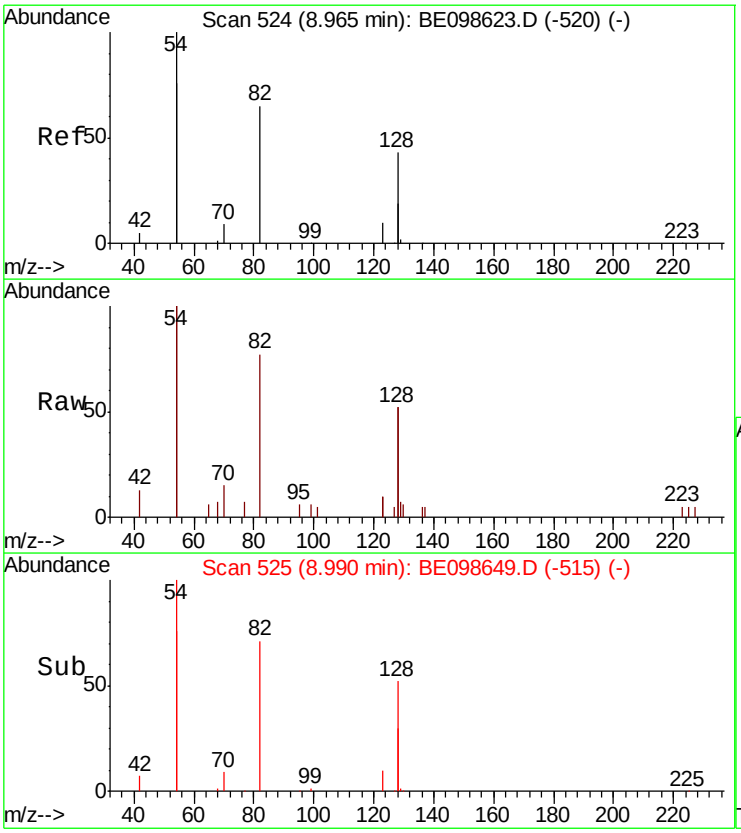
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.02 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4478

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.7	14.5
54	33.6	35.5	53.3#
68	5.6	5.0	7.6

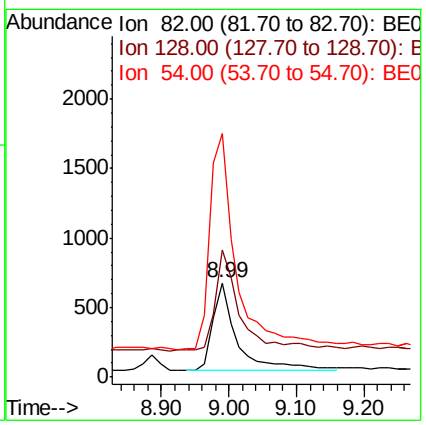


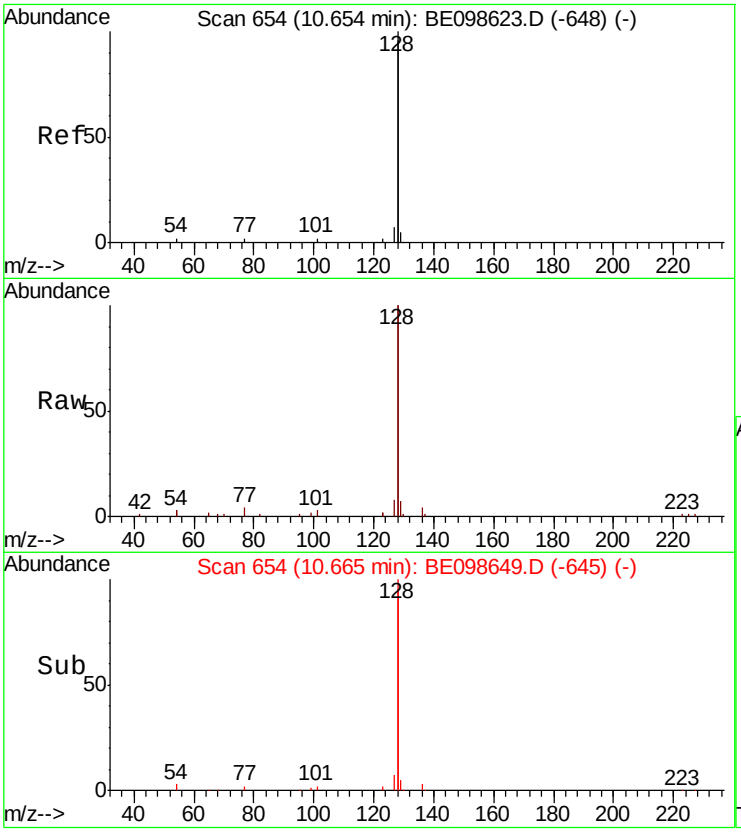


#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.02 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion: 82 Resp: 1512

Ion	Ratio	Lower	Upper
82	100		
128	135.6	96.5	144.7
54	258.8	224.7	337.1



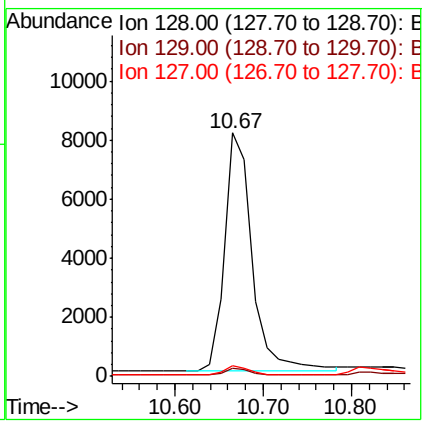


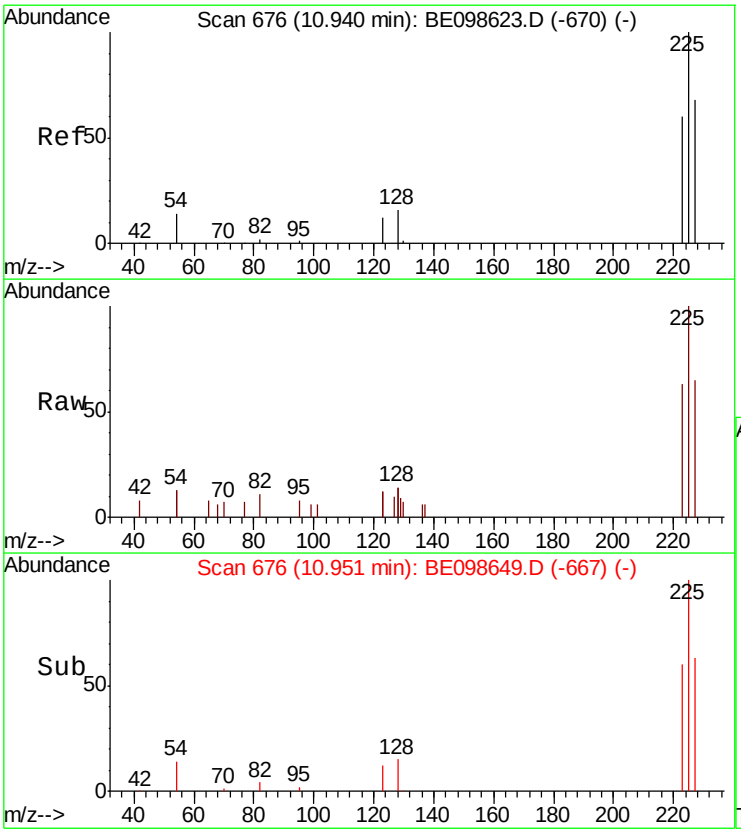
#9
Naphthalene
Concen: 0.385 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17189

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.2	3.0	4.6

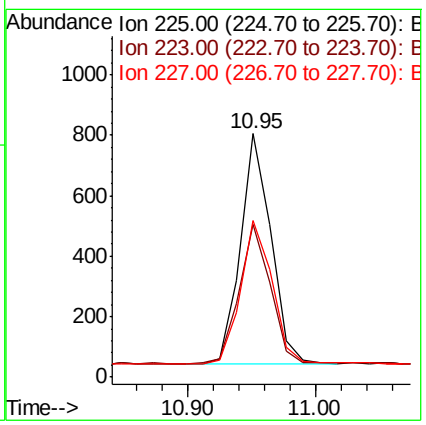


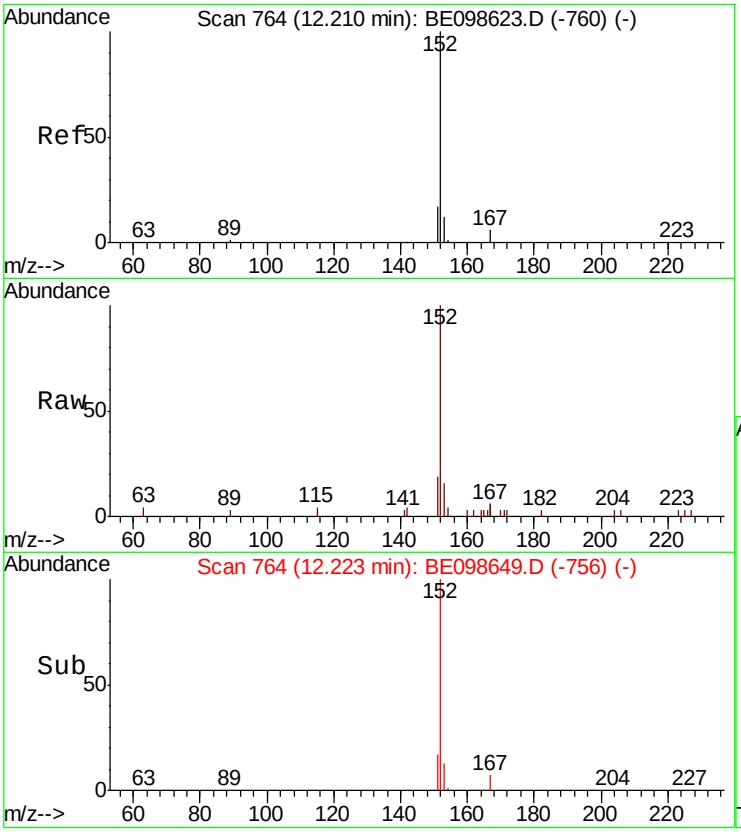


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:225 Resp: 1248

Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.8	71.8
227	64.4	50.5	75.7



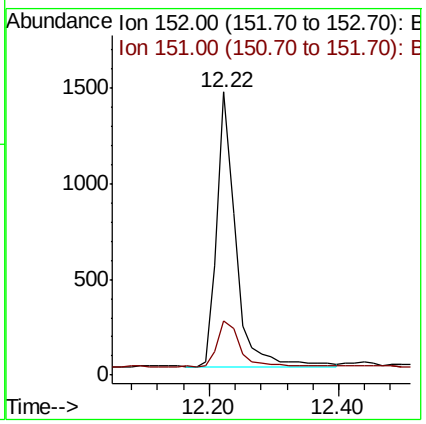


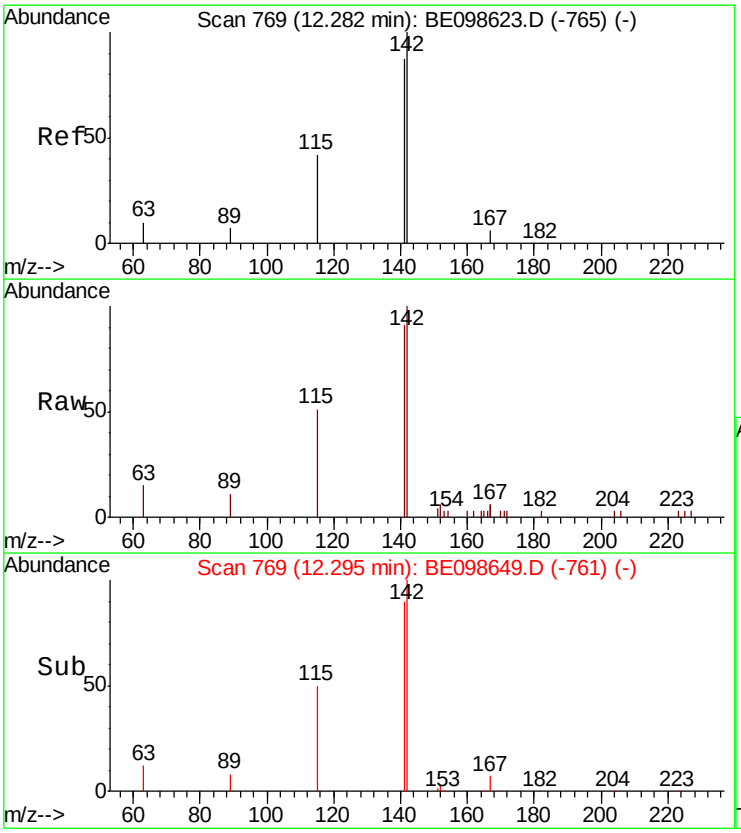
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2885

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

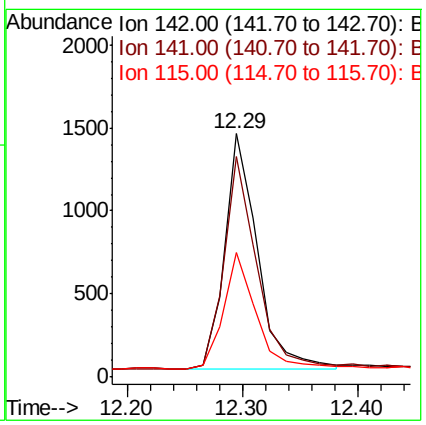


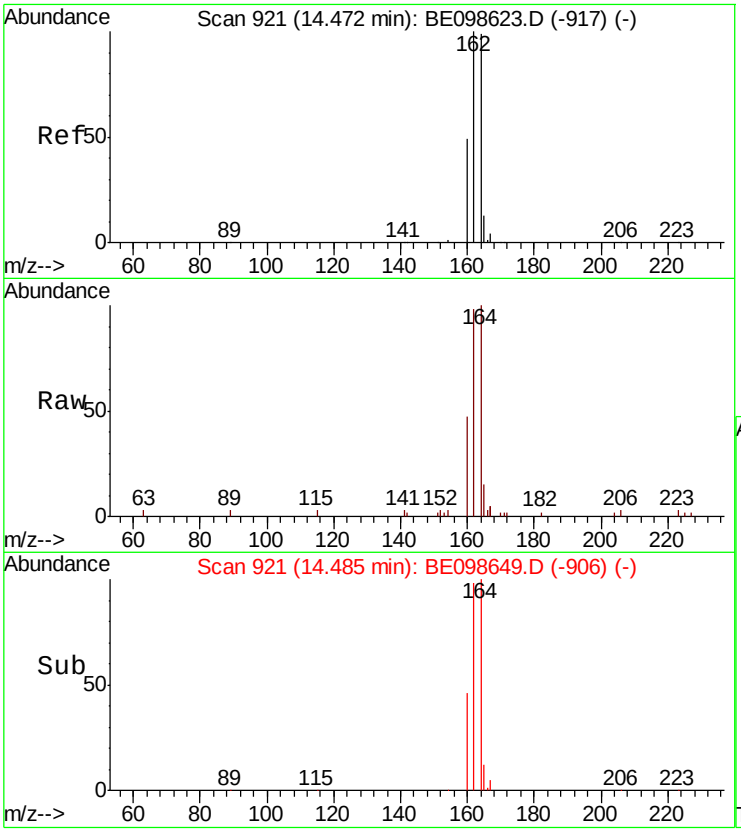


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:142 Resp: 2789

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.0	105.0
115	51.3	35.2	52.8



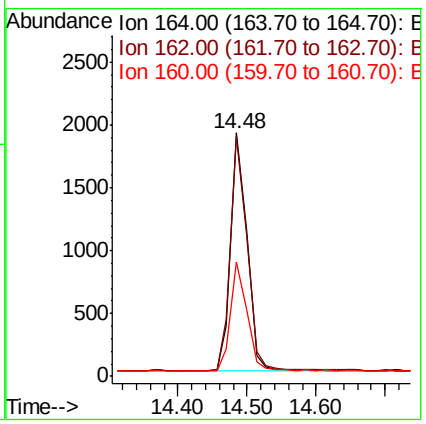


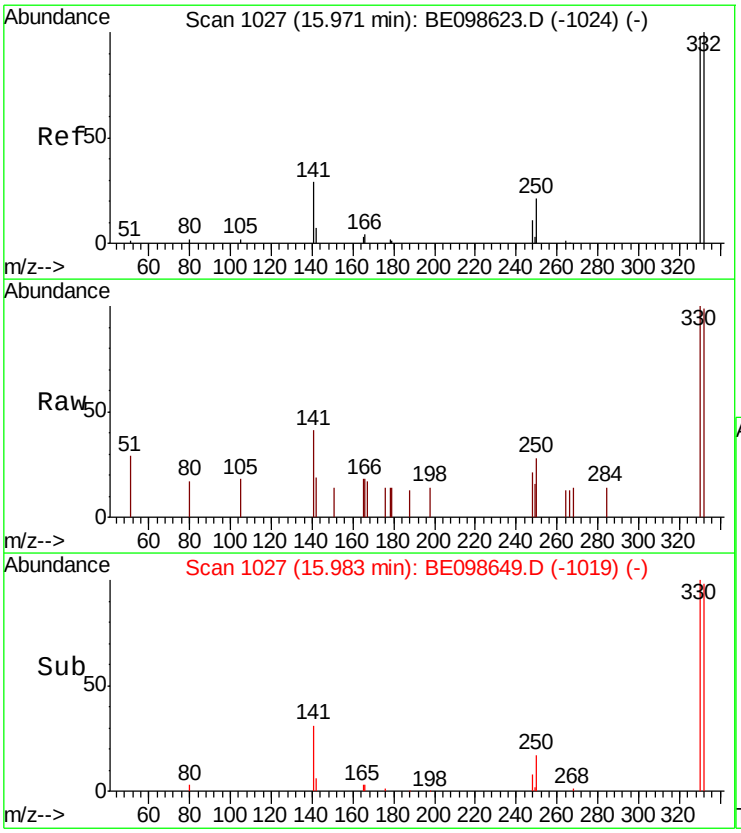
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3074

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.5	120.7
160	47.0	40.1	60.1

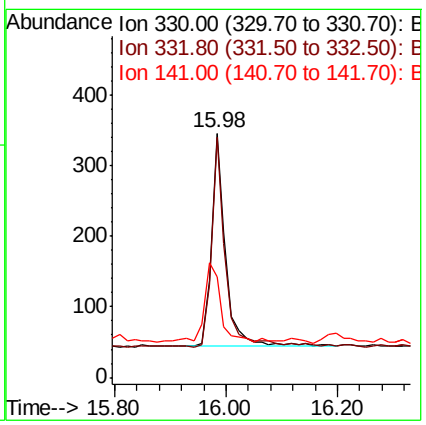


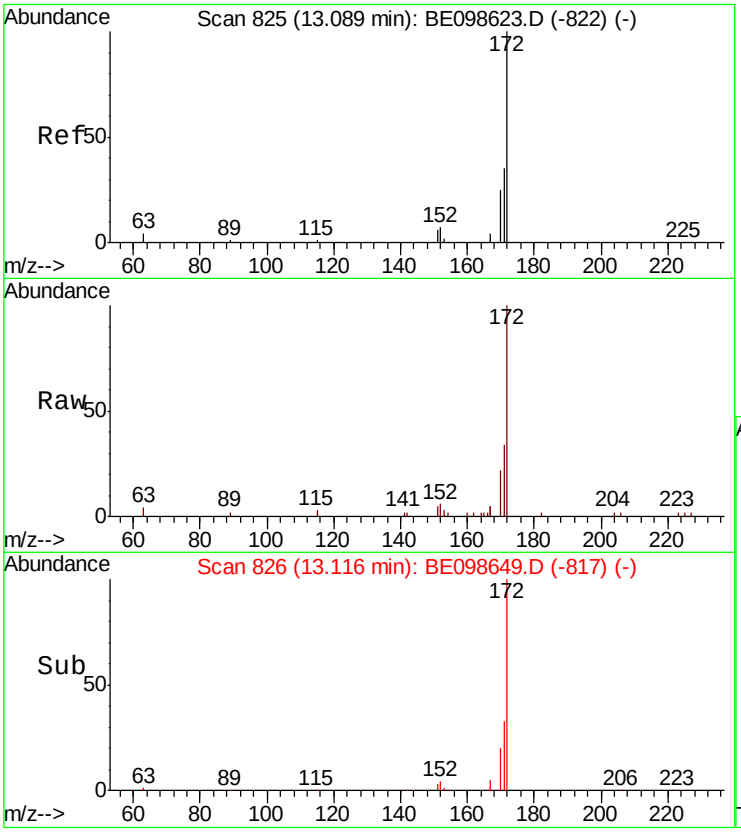


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:330 Resp: 549

Ion	Ratio	Lower	Upper
330	100		
332	92.0	73.3	109.9
141	41.3	33.1	49.7



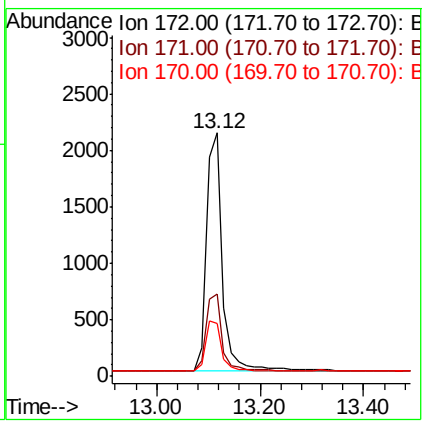


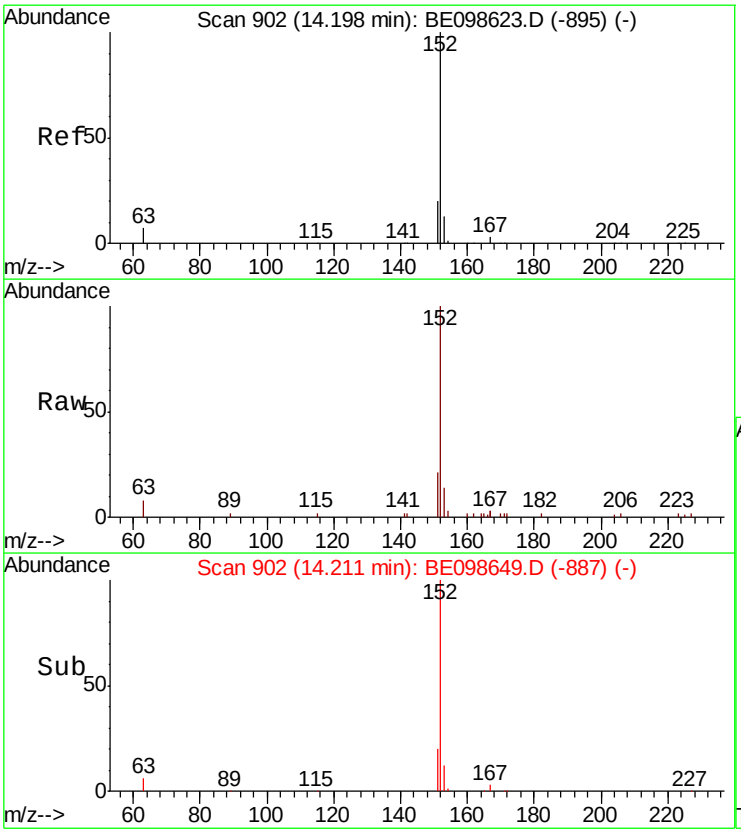
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4588

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	21.9	20.8	31.2

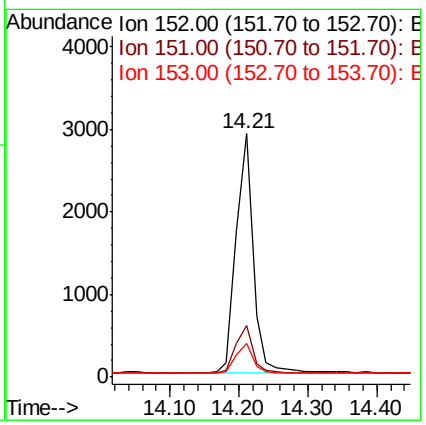


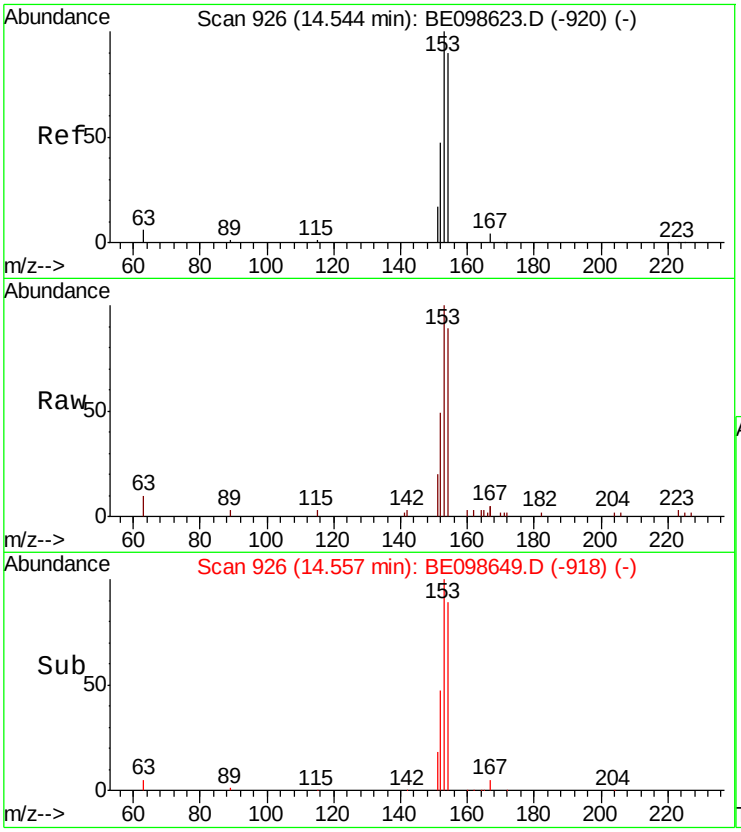


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:152 Resp: 4986

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.6	10.7	16.1



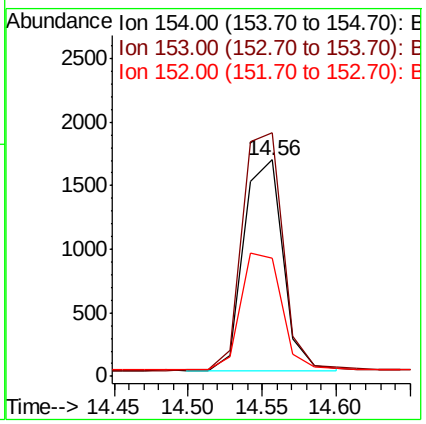


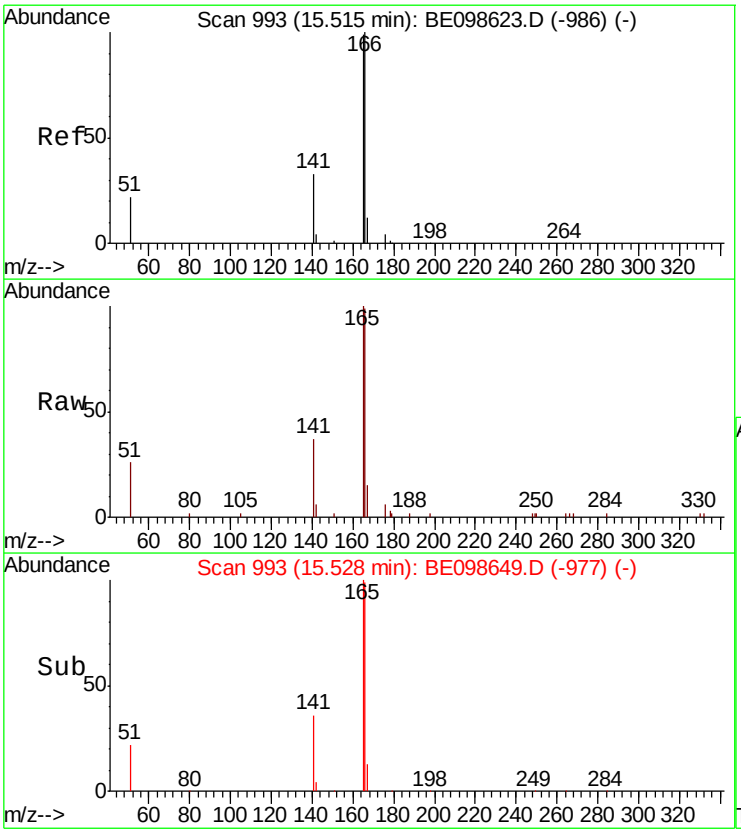
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3069

Ion	Ratio	Lower	Upper
154	100		
153	117.6	93.9	140.9
152	57.3	45.8	68.8

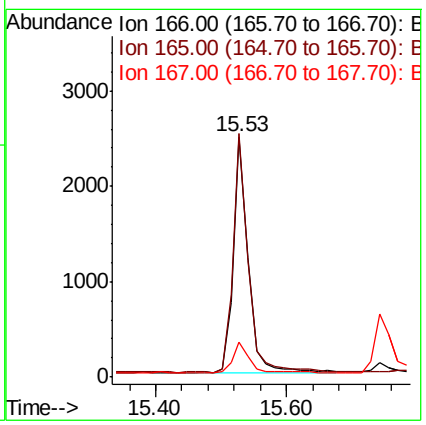


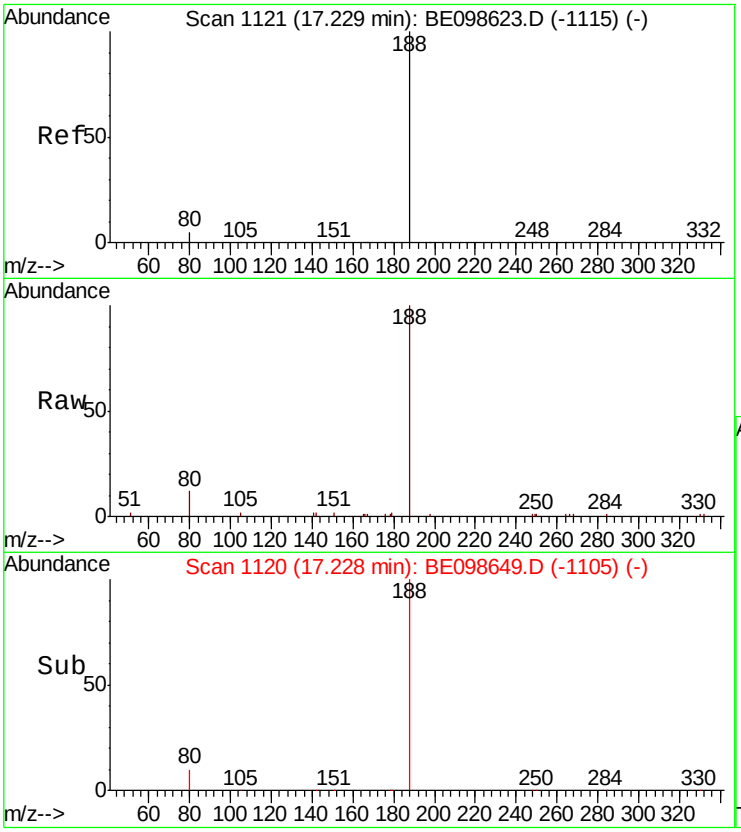


#18
Fluorene
Concen: 0.370 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:166 Resp: 4018

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.3	118.9
167	14.3	10.6	15.8



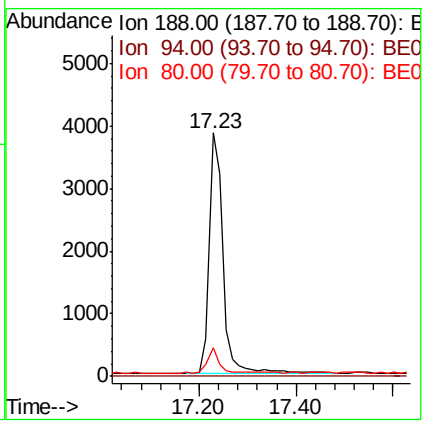


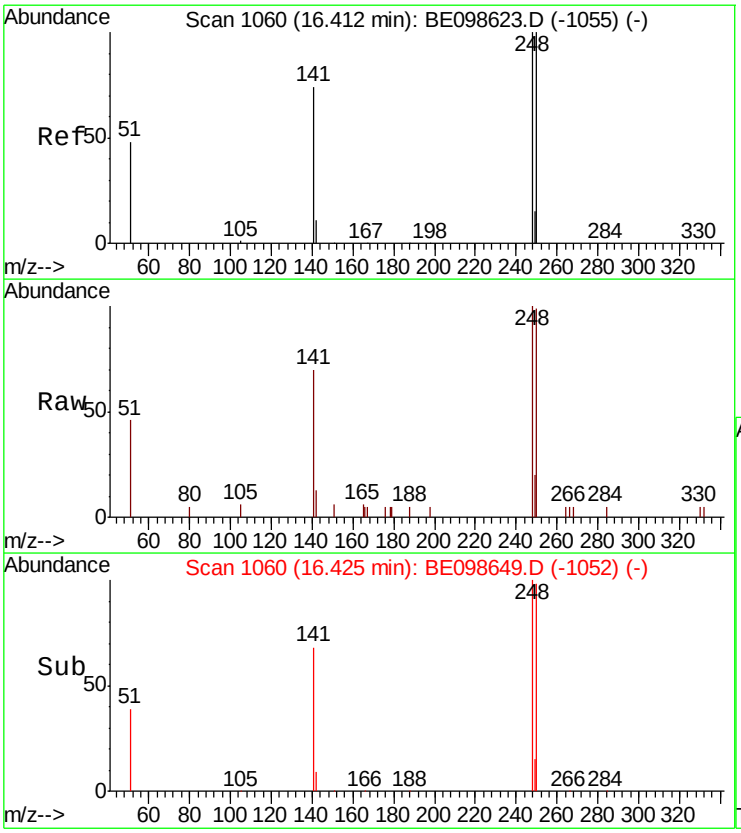
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7353

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	4.7	7.1#

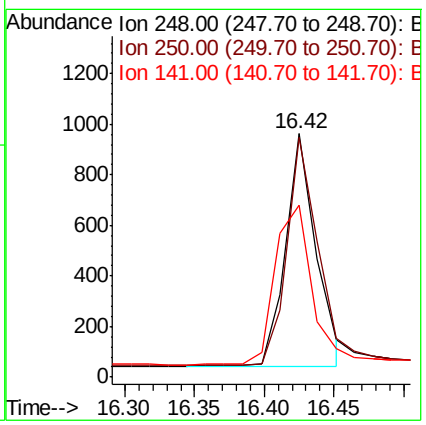


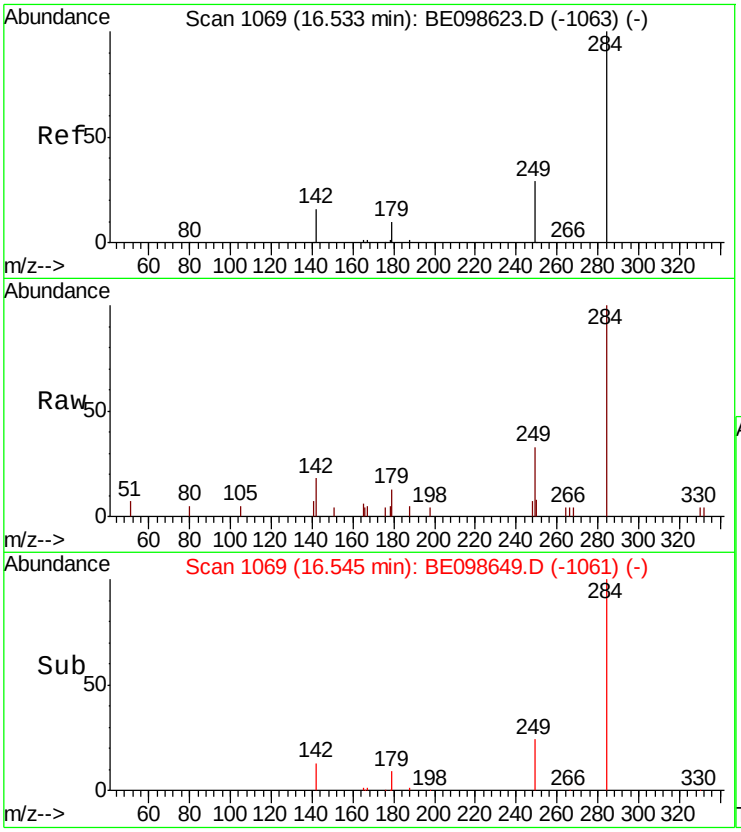


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:248 Resp: 1394

Ion	Ratio	Lower	Upper
248	100		
250	98.5	80.2	120.4
141	70.4	60.5	90.7



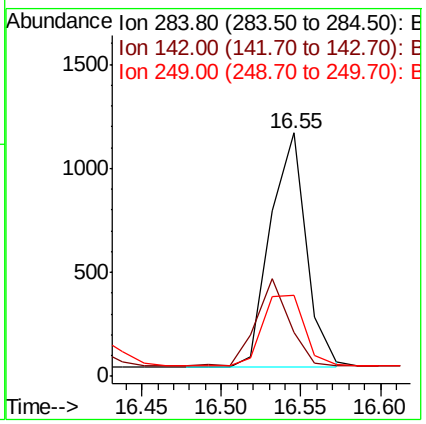


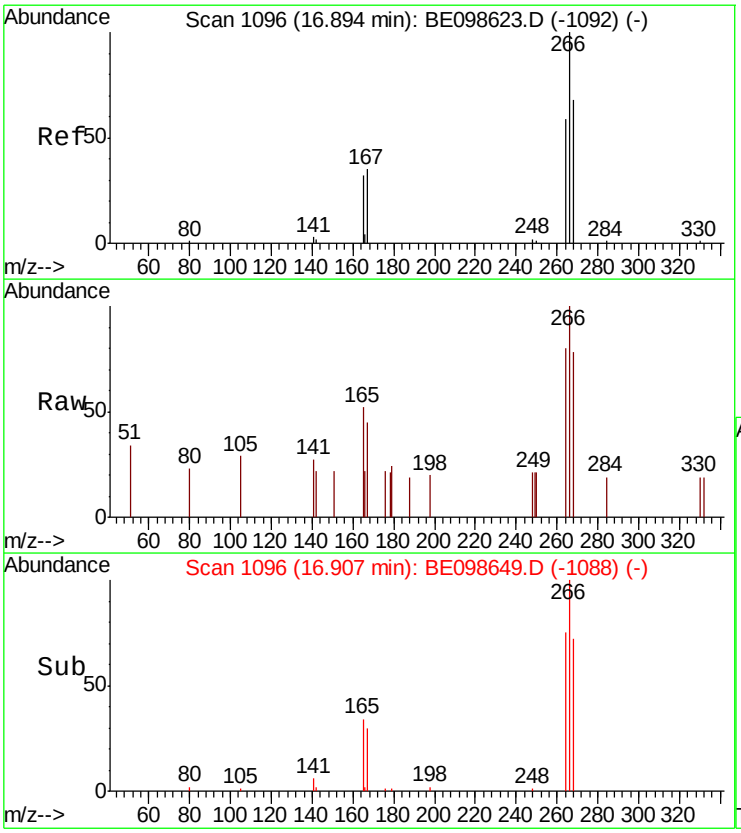
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1766

Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.5	38.3
249	34.4	26.6	39.8

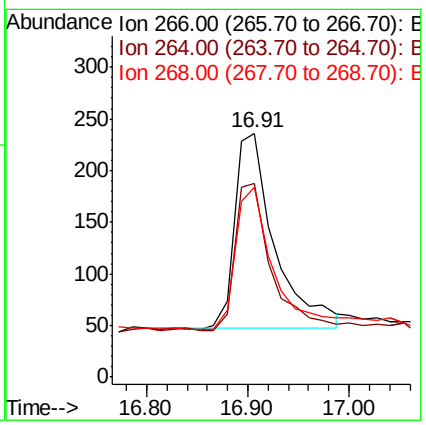


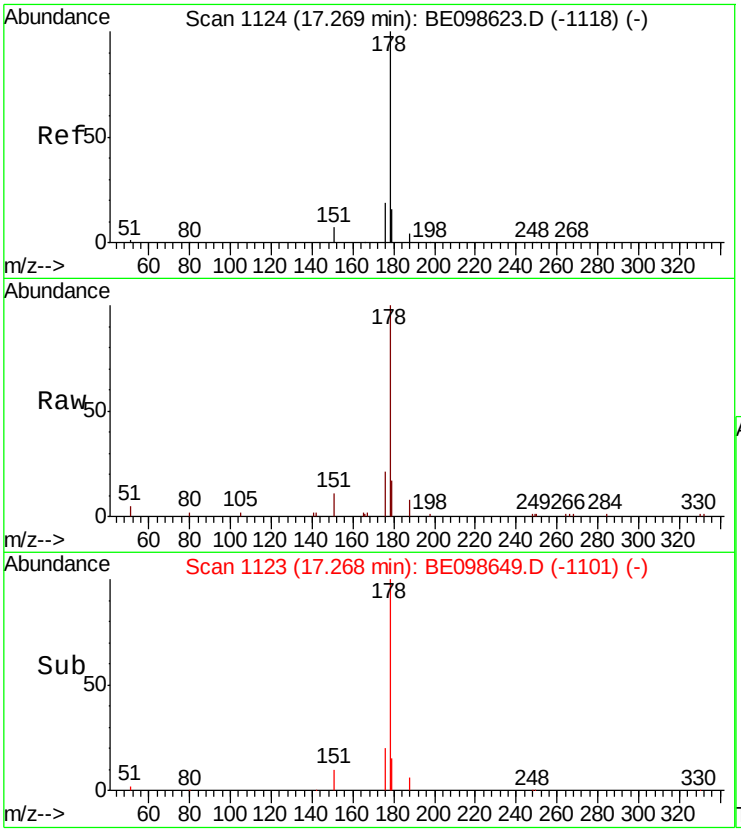


#22
Pentachlorophenol
Concen: 0.471 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:266 Resp: 521

Ion	Ratio	Lower	Upper
266	100		
264	79.7	53.7	80.5
268	78.0	59.8	89.8



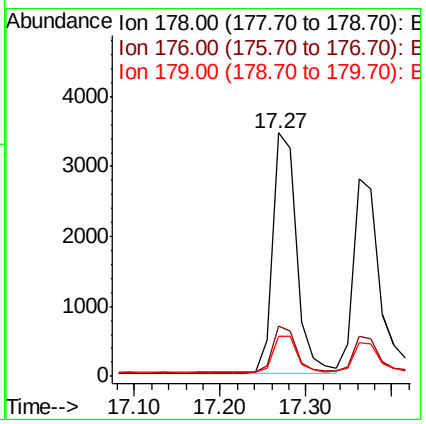


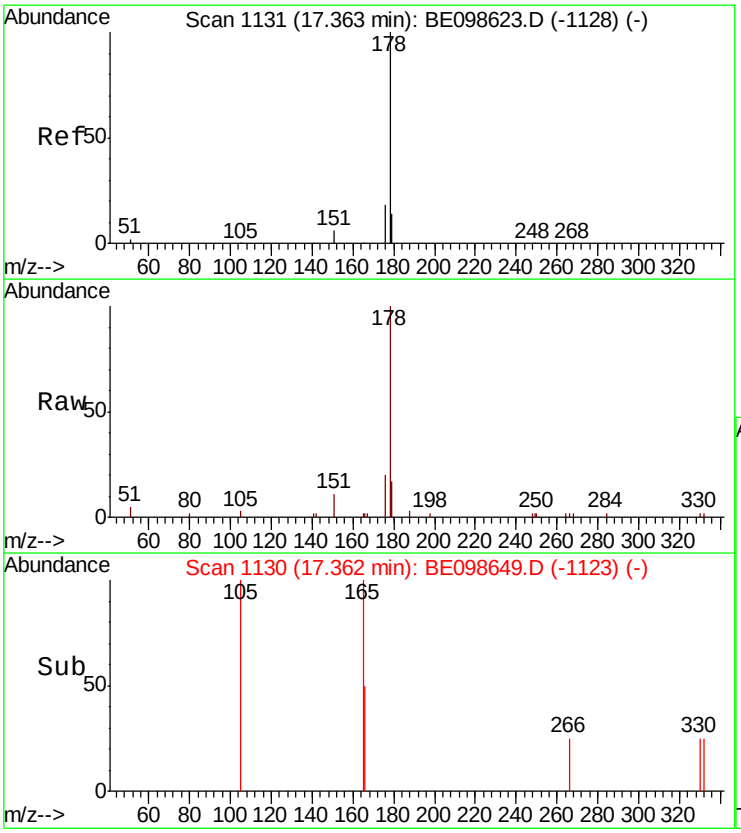
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6651

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	12.2	18.4

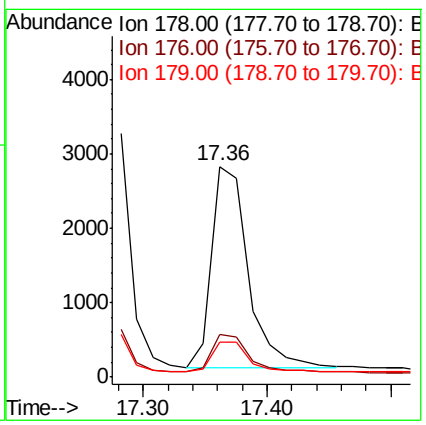


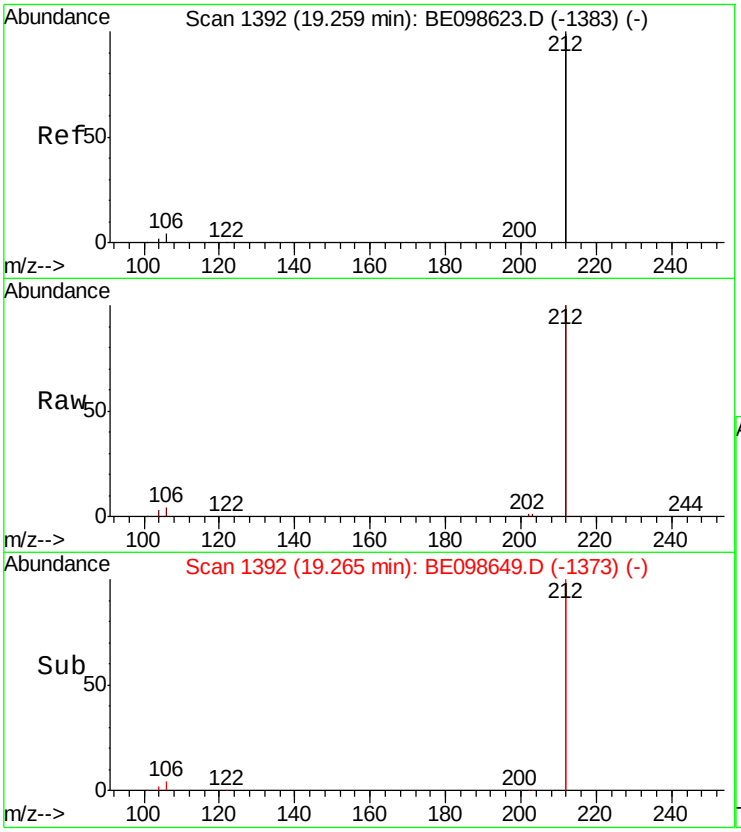


#24
Anthracene
Concen: 0.376 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:178 Resp: 5617

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	15.2	11.8	17.8



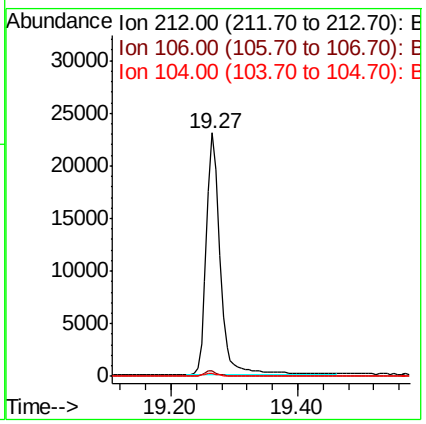


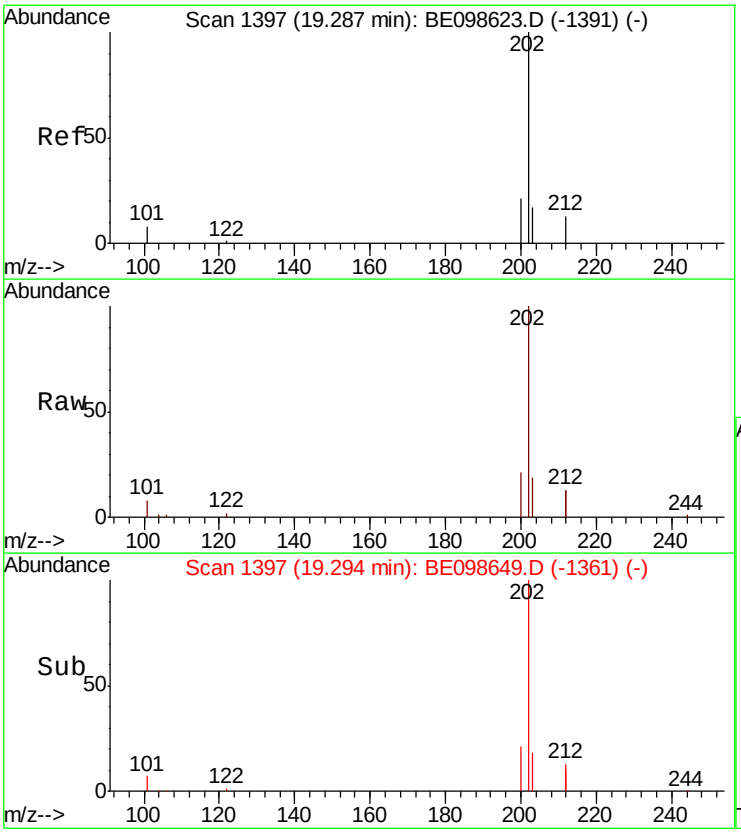
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 34214

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.1	1.0	1.6

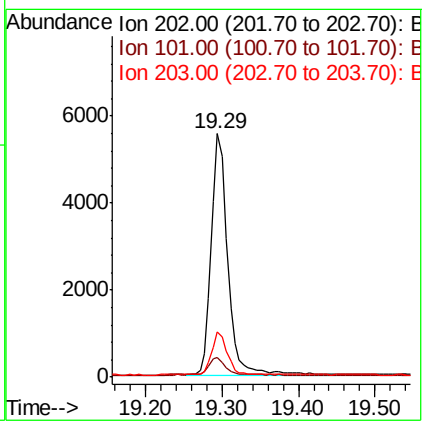


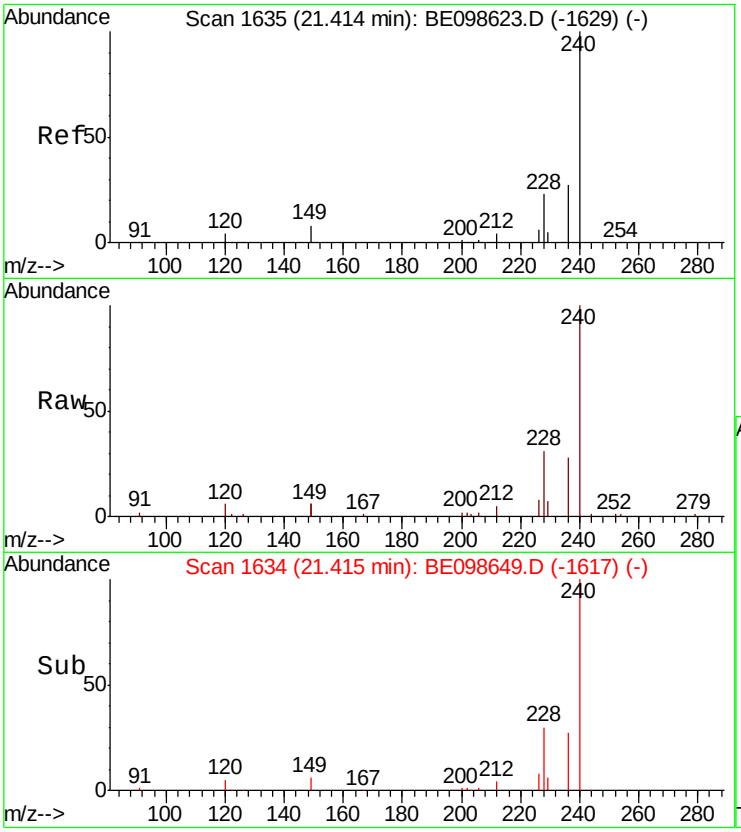


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:202 Resp: 8272

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
203	16.8	13.3	19.9



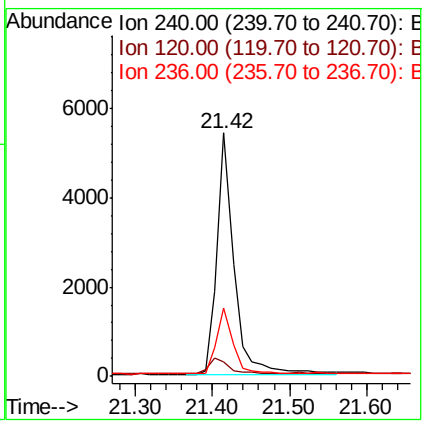


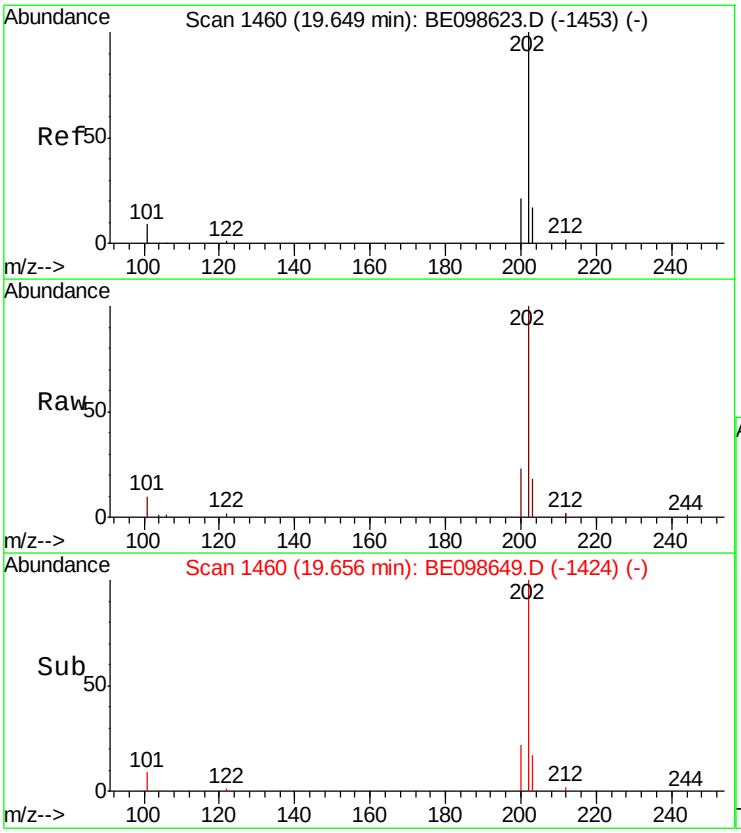
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8319

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.7	7.1
236	28.0	21.9	32.9

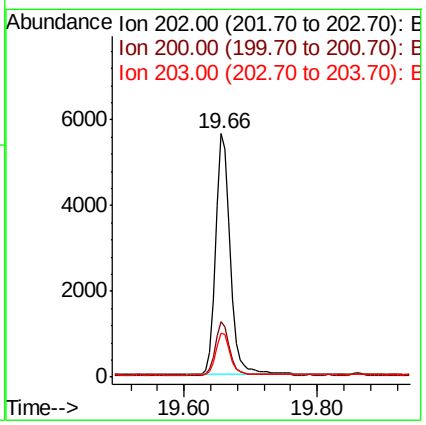


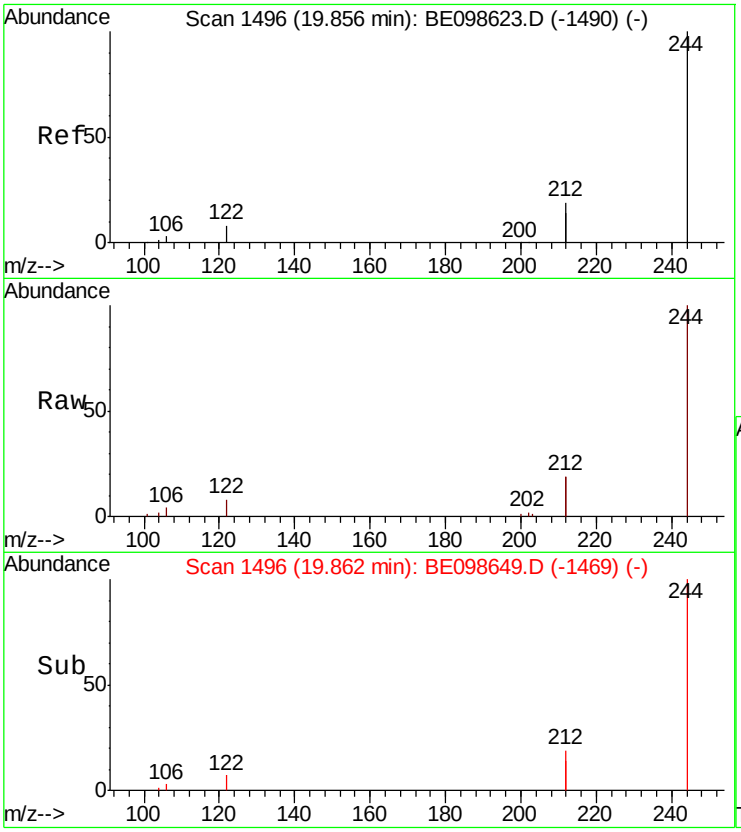


#28
Pyrene
Concen: 0.375 ng
RT: 19.66 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:202 Resp: 8587

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.1	13.8	20.8



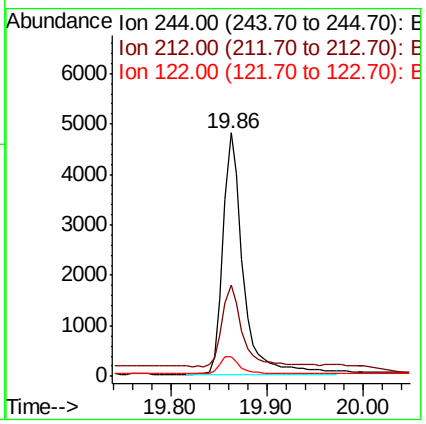


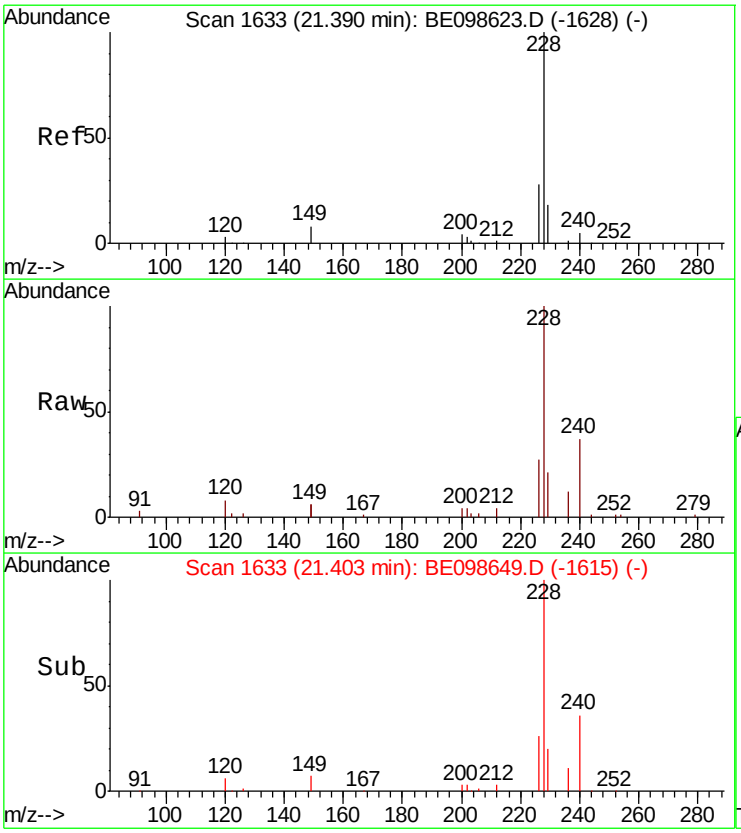
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6974

Ion	Ratio	Lower	Upper
244	100		
212	37.3	29.4	44.2
122	8.3	7.1	10.7

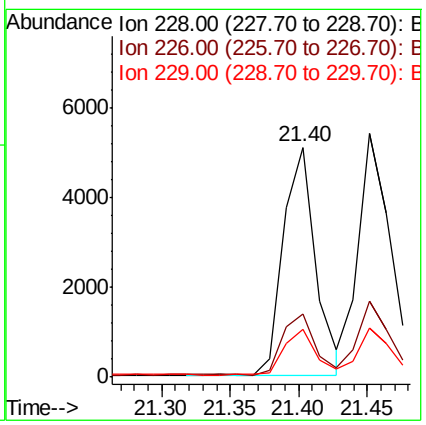


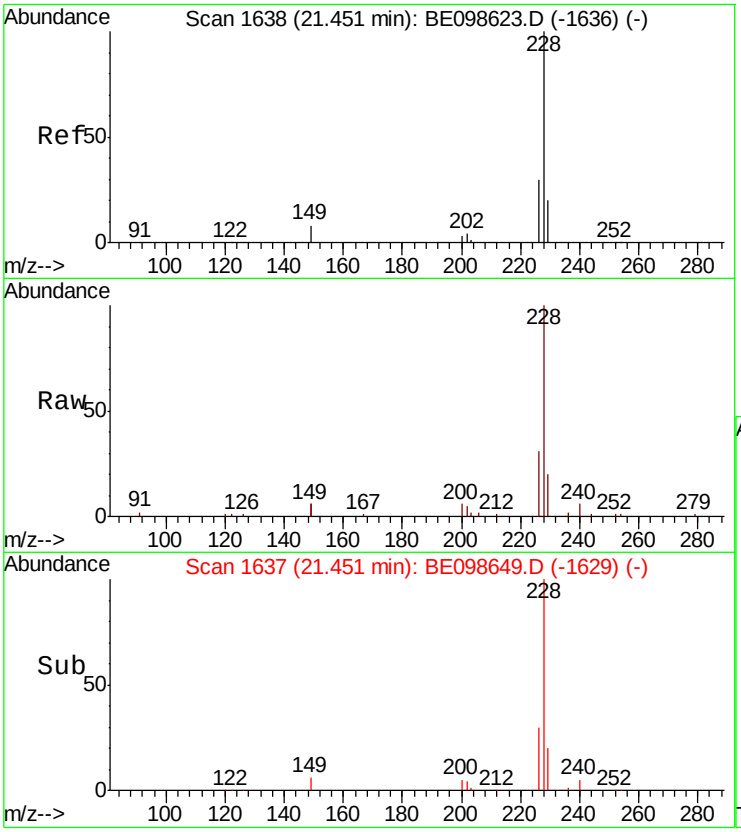


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:228 Resp: 8236

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	20.9	15.0	22.6



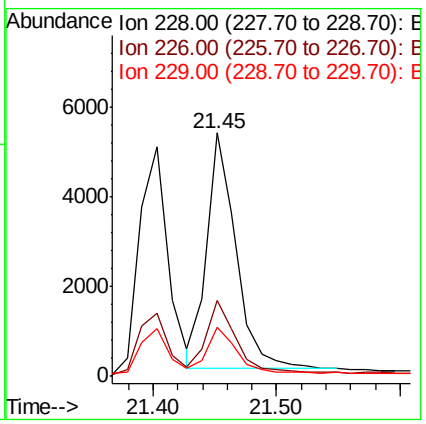


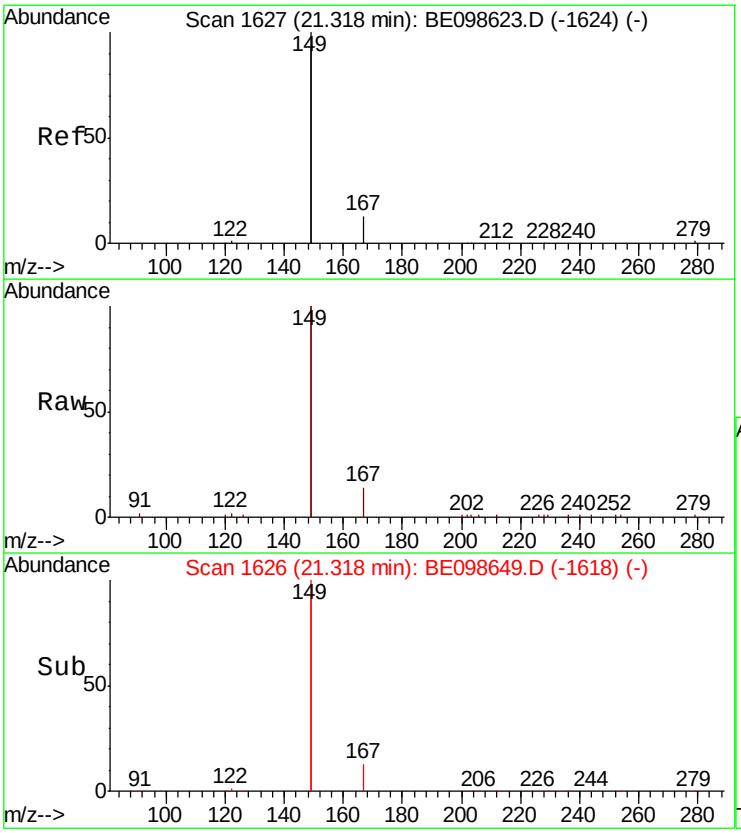
#31
Chrysene
Concen: 0.372 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 8628

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	36.8
229	20.4	16.4	24.6

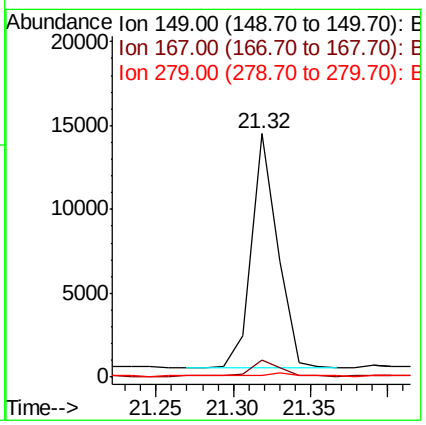


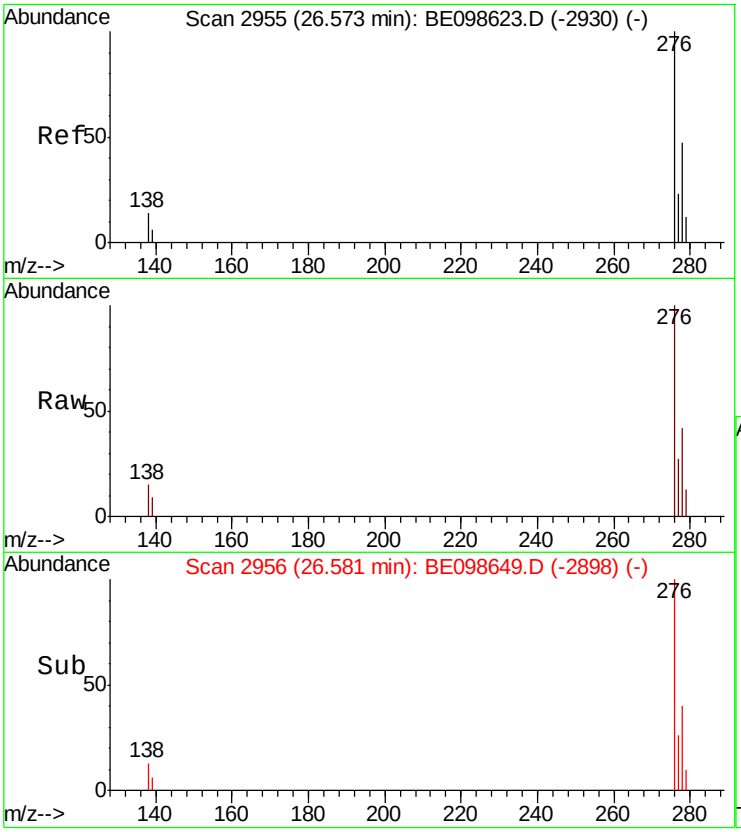


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:149 Resp: 16427

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.3	1.0	1.4



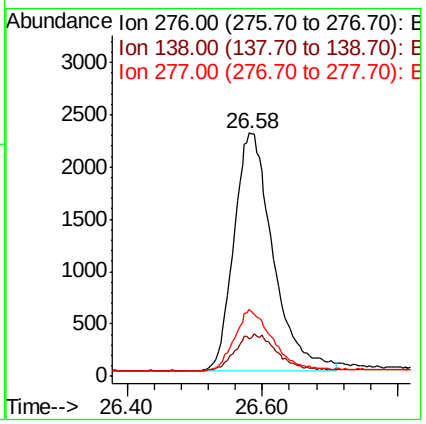


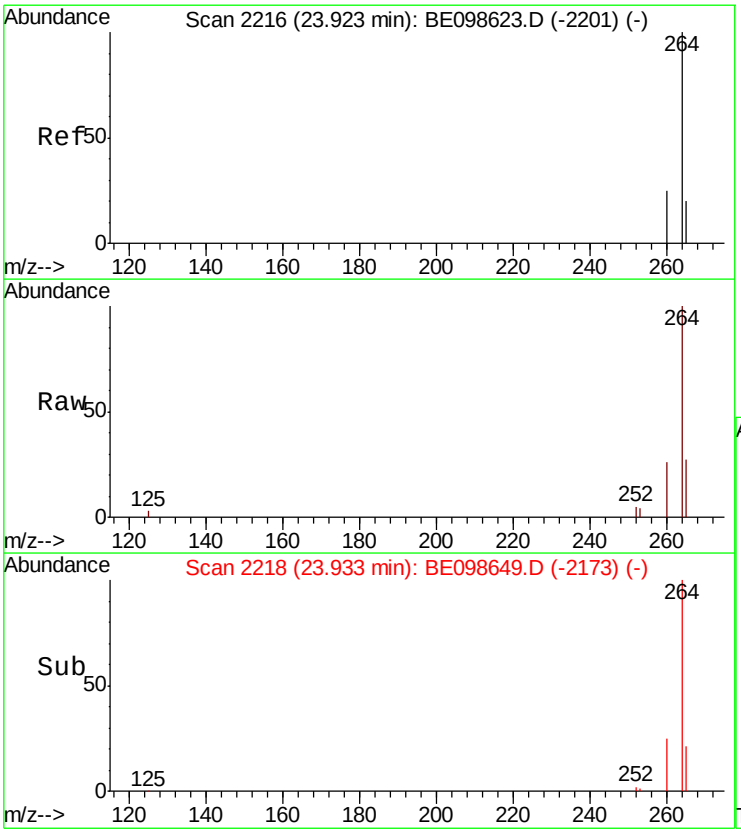
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.58 min Scan# 2956
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9205

Ion	Ratio	Lower	Upper
276	100		
138	5.9	13.3	19.9#
277	24.4	19.4	29.0

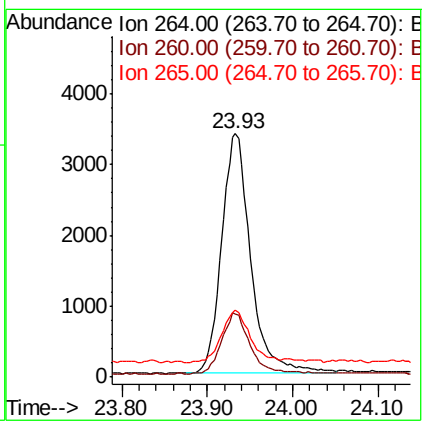


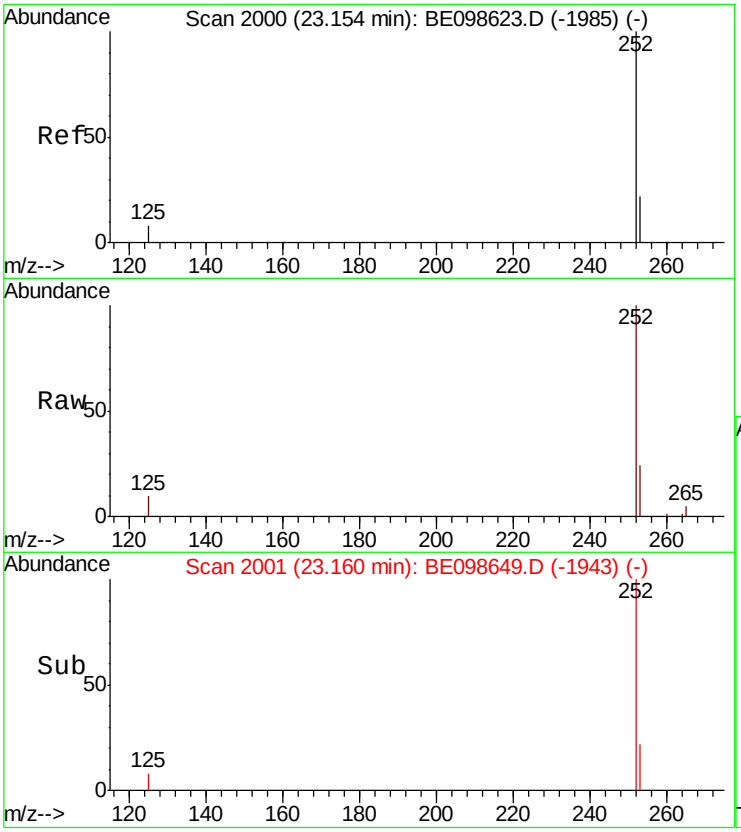


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:264 Resp: 8020

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.3	22.3	33.5



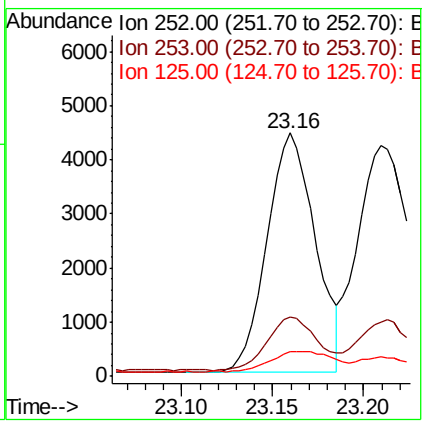


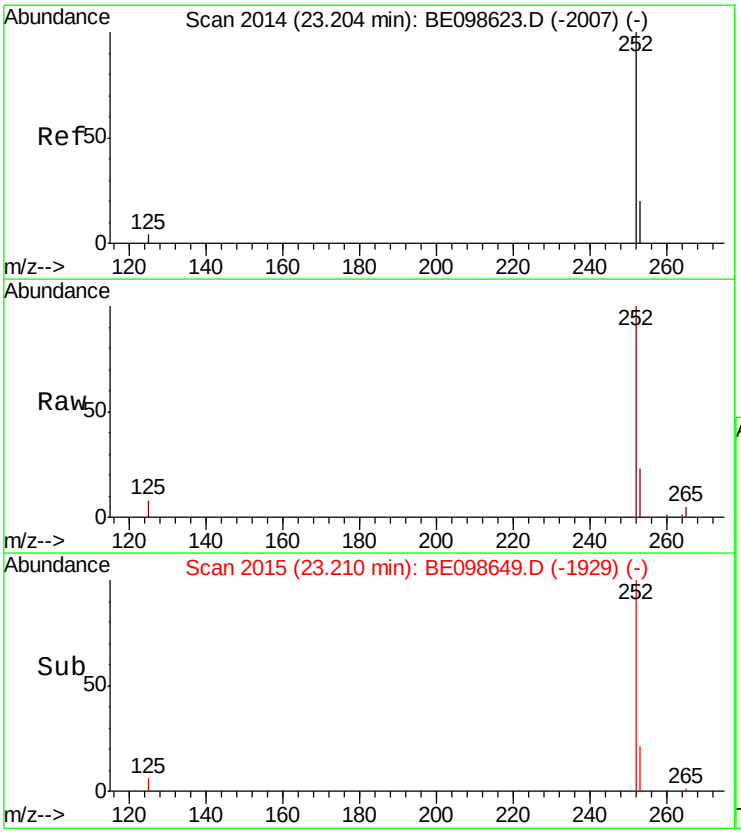
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8141

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	10.0	8.2	12.4

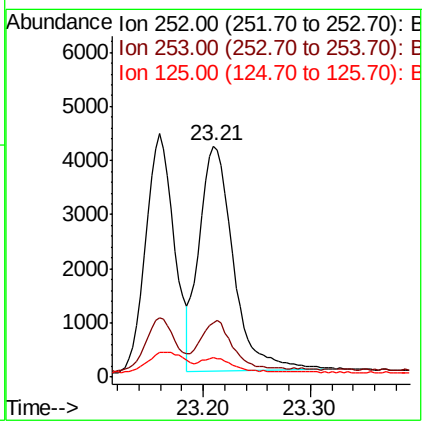


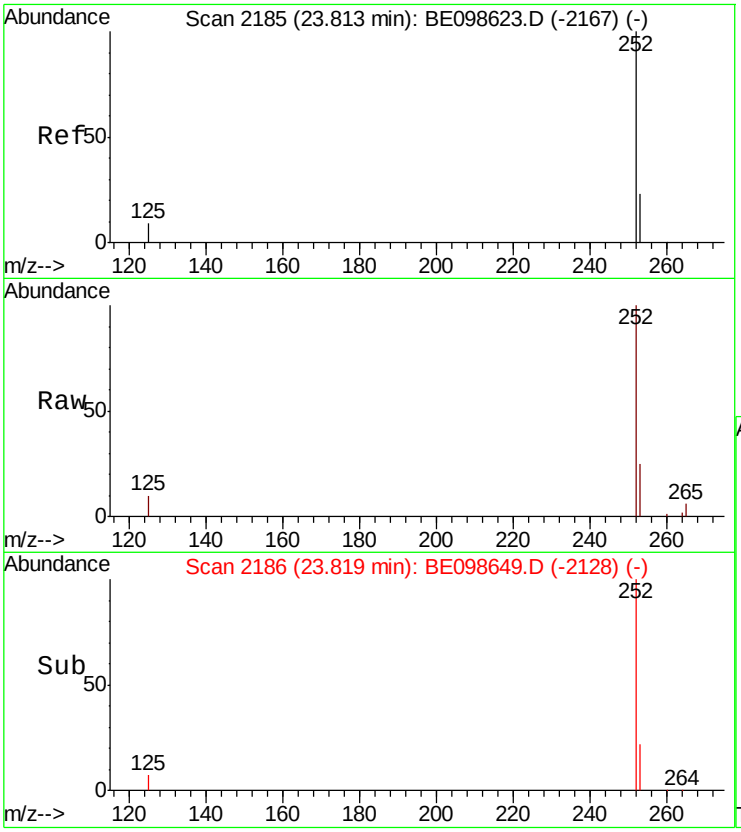


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:252 Resp: 9133

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.3	7.0	10.4



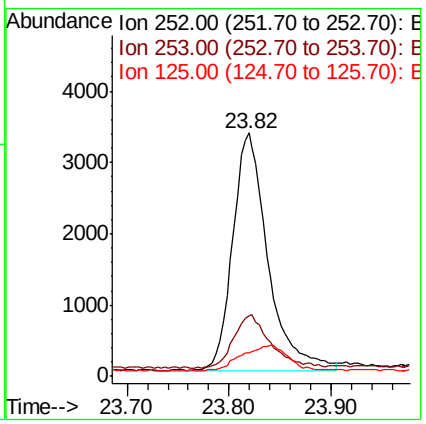


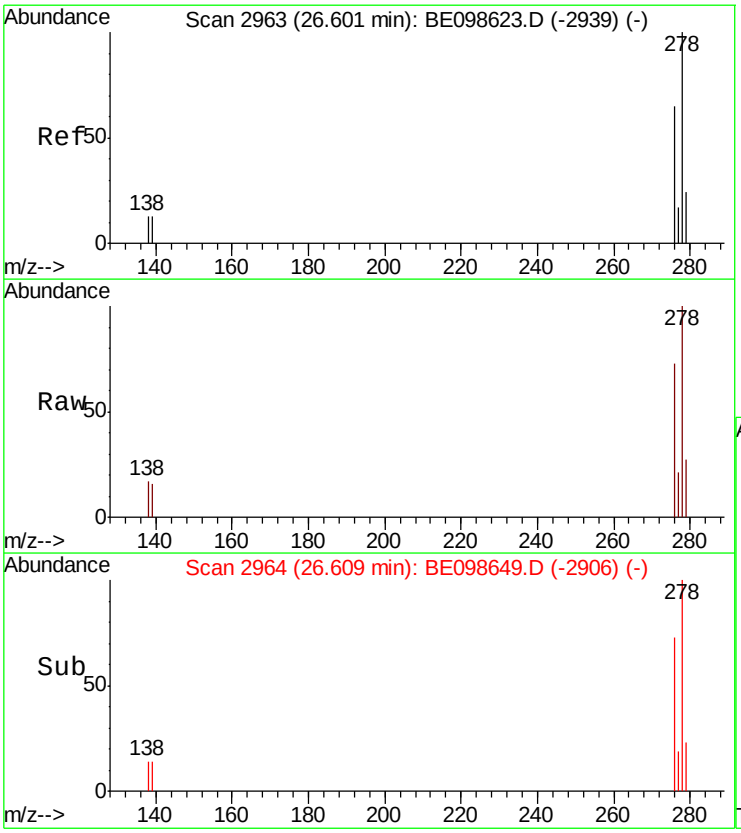
#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.82 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 7971

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.0	31.4
125	9.6	9.2	13.8

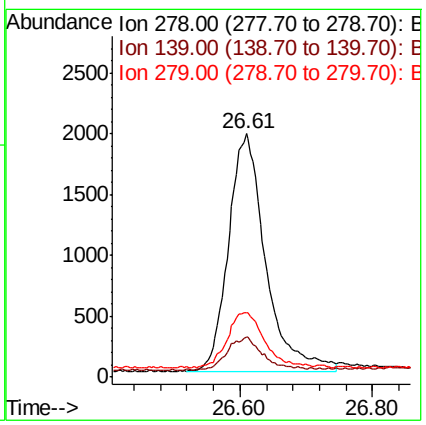


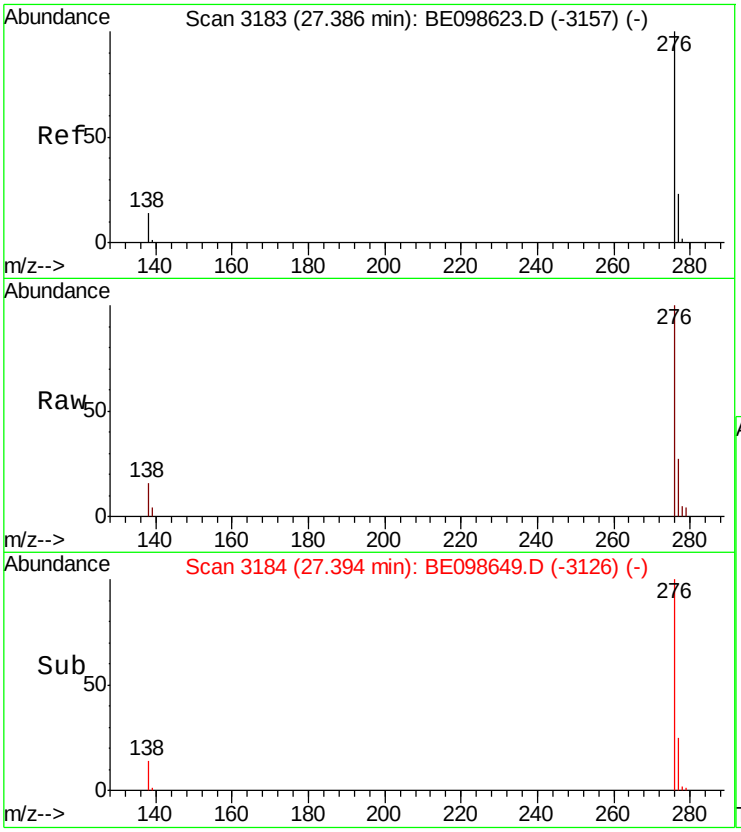


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.61 min Scan# 2964
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:278 Resp: 7549

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	26.6	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 27.39 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7915

Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.3	30.5
138	16.2	13.3	19.9