Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011619\

Quantitation Report (Not Reviewed)

Data File : BE098636.D
Acq On : 16 Jan 2019 16:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 17 00:15:25 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	7.80	152	1030	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4628	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3223	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	7627	0.40	ng		0.00
27) Chrysene-d12	21.41	240	8746	0.40	ng		0.00
34) Perylene-d12	23.93	264	8335	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1101	0.40	ng		0.00
5) Phenol-d6	7.00	99	1603	0.41	ng		0.00
8) Nitrobenzene-d5	8.96	82	1645	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	3048	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	560	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	4701	0.36	ng		0.01
25) Fluoranthene-d10	19.26	212	34964	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	7096	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	688	0.356	ng		97
3) n-Nitrosodimethylamine	3.65	42	596	0.400	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	1115	0.377	ng		98
9) Naphthalene	10.65	128	17810	0.386	ng		100
10) Hexachlorobutadiene	10.94	225	1297	0.393	ng		96
12) 2-Methylnaphthalene	12.28	142	2990	0.391	ng		98
16) Acenaphthylene	14.20	152	5135	0.368	ng		99
17) Acenaphthene	14.54	154	3226	0.368	ng		99
18) Fluorene	15.52	166	4264	0.374	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1524	0.377	ng		92
21) Hexachlorobenzene	16.53	284	1807	0.371	ng		96
22) Pentachlorophenol	16.89	266	584	0.493	ng		96
23) Phenanthrene	17.27	178	6683	0.370	ng		99
24) Anthracene	17.36	178	5715	0.369	ng		98
26) Fluoranthene	19.29	202	8627	0.371	ng		99
28) Pyrene	19.65	202	8965	0.372	ng		99
30) Benzo(a)anthracene	21.39	228	8727	0.371	ng		99
31) Chrysene	21.45	228	9082	0.373	ng		100
32) Bis(2-ethylhexyl)phthalate	21.32	149	18568	0.372	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	9666	0.385	ng		100
35) Benzo(b)fluoranthene	23.16	252	8366	0.368	ng		99
36) Benzo(k)fluoranthene	23.21	252	9384	0.378	ng		99
37) Benzo(a)pyrene	23.81	252	8417	0.377	ng		96
38) Dibenzo(a,h)anthracene	26.59	278	7793	0.394	ng		98
39) Benzo(g,h,i)perylene	27.39	276	8141	0.376	ng		98

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

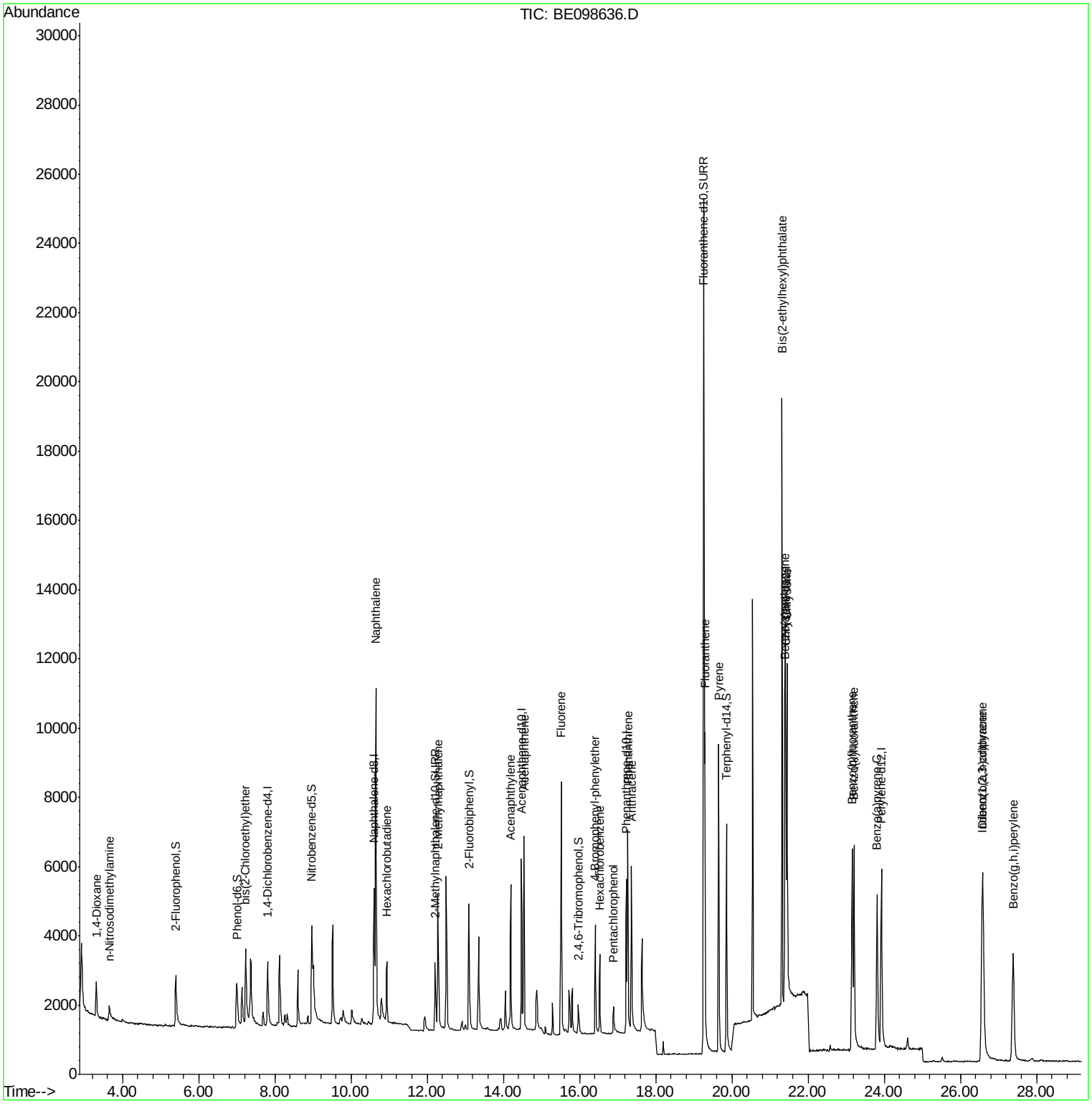
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011619\

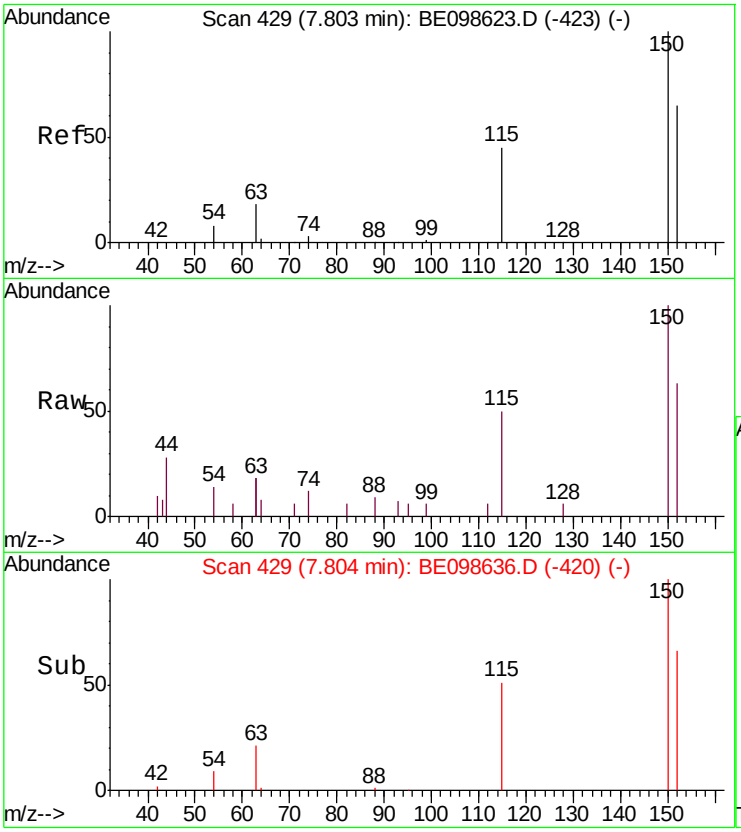
Quantitation Report (Not Reviewed)

Data File : BE098636.D
Acq On : 16 Jan 2019 16:11
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 17 00:15:25 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



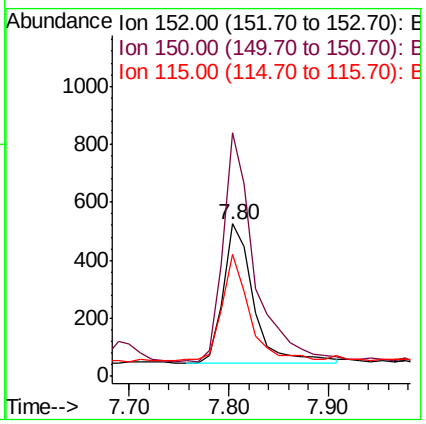


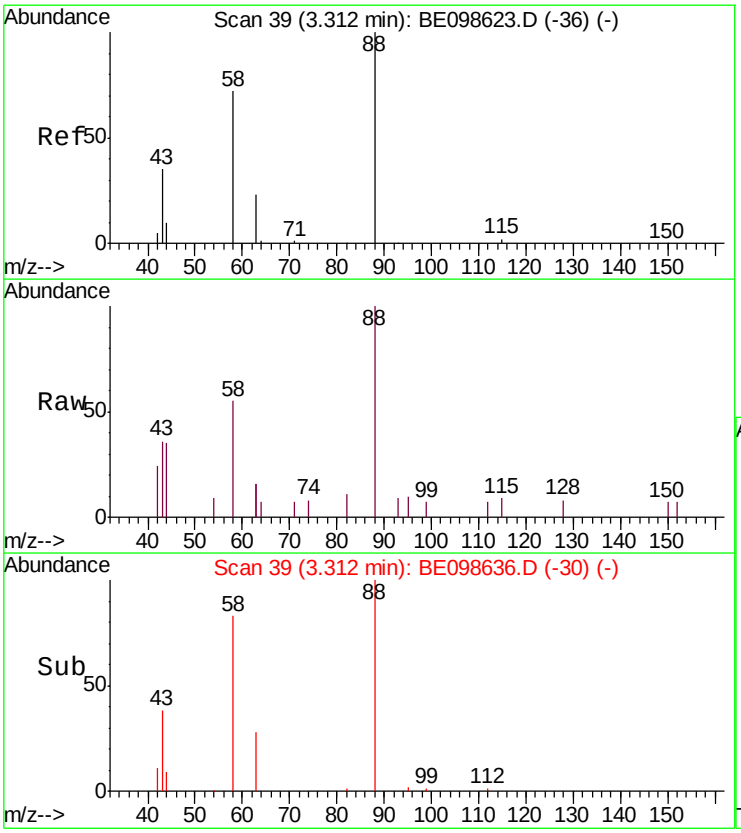
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1030

Ion	Ratio	Lower	Upper
152	100		
150	159.5	121.4	182.2
115	80.2	59.1	88.7

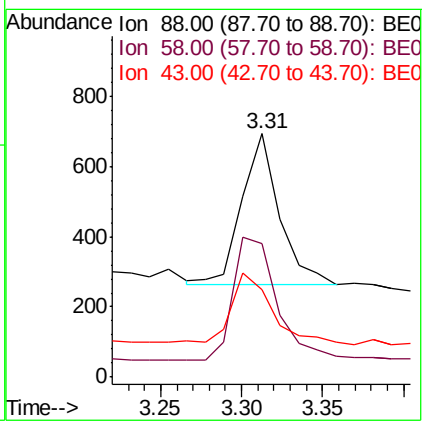


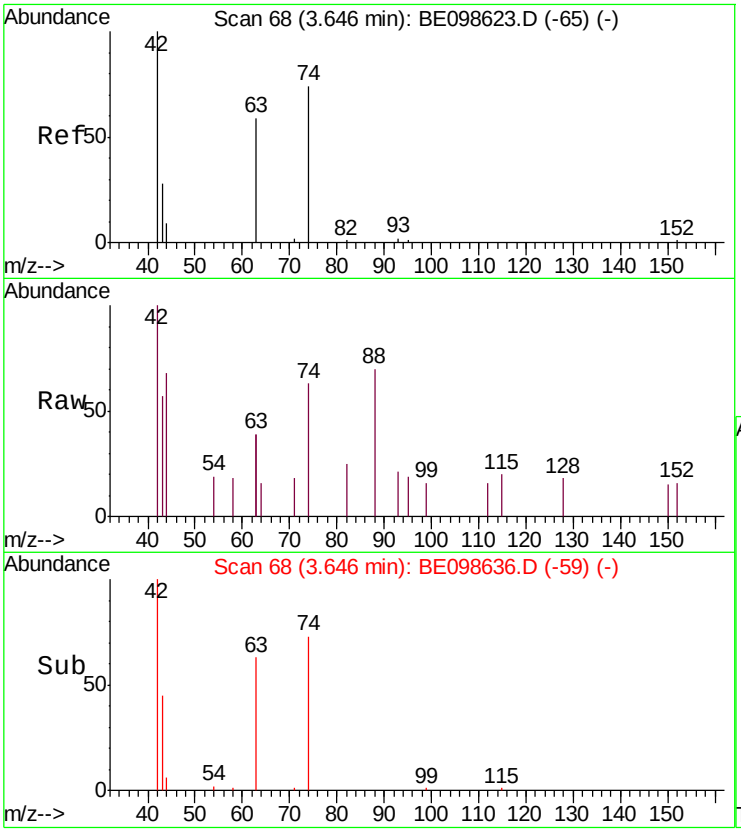


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion: 88 Resp: 688

Ion	Ratio	Lower	Upper
88	100		
58	96.4	73.9	110.9
43	54.9	43.7	65.5



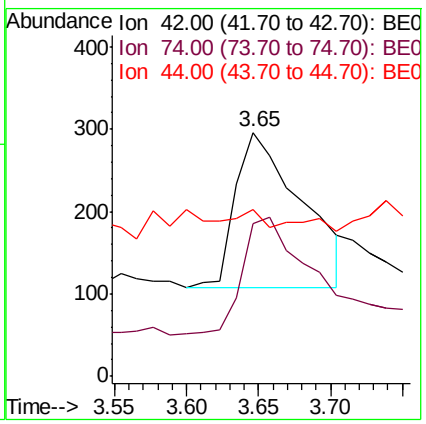


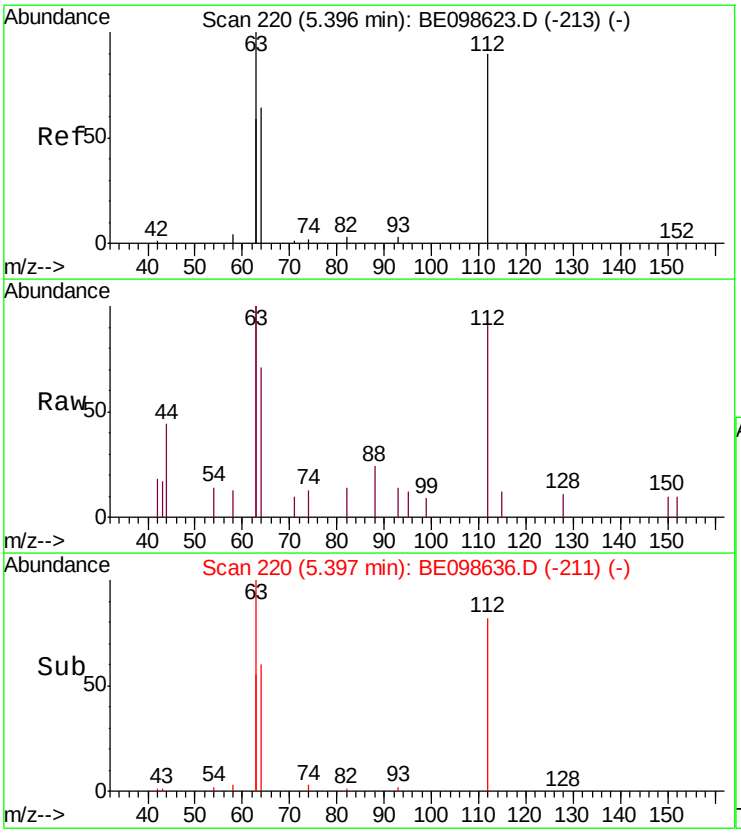
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 596

Ion	Ratio	Lower	Upper
42	100		
74	73.3	58.9	88.3
44	0.0	0.0	0.0

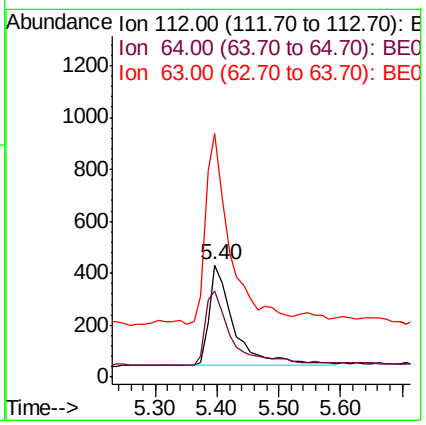


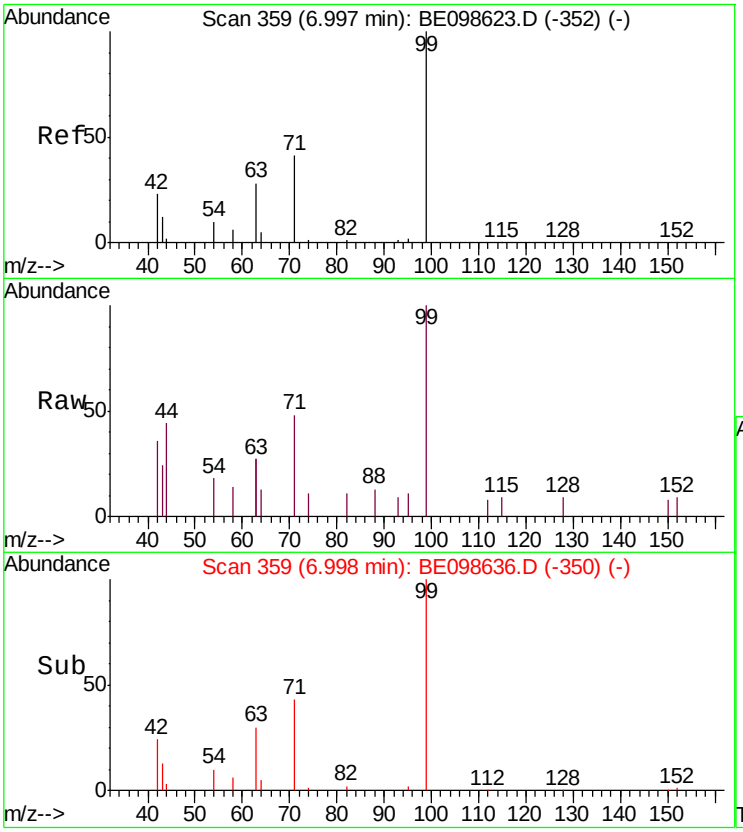


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:112 Resp: 1101

Ion	Ratio	Lower	Upper
112	100		
64	77.1	62.9	94.3
63	183.7	152.2	228.4



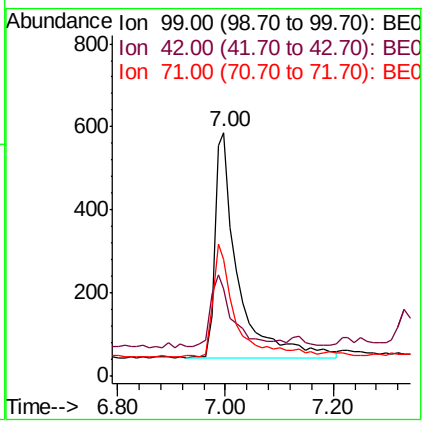


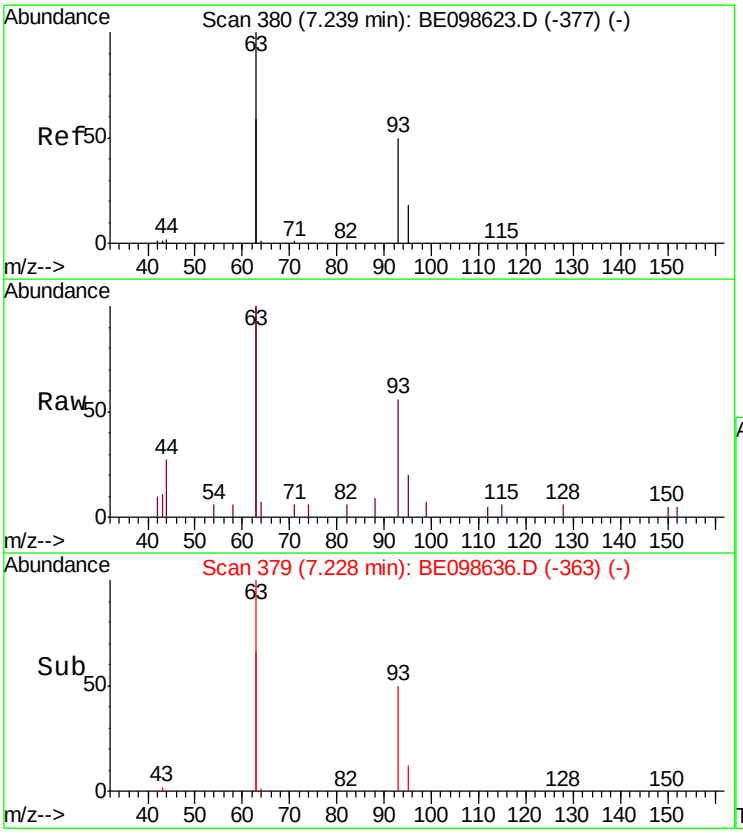
#5
Phenol-d6
Concen: 0.410 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1603

Ion	Ratio	Lower	Upper
99	100		
42	31.2	24.6	37.0
71	48.8	35.1	52.7

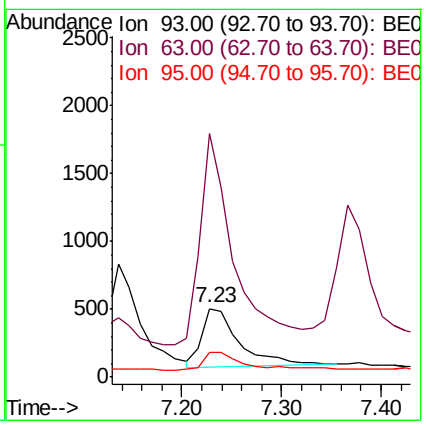


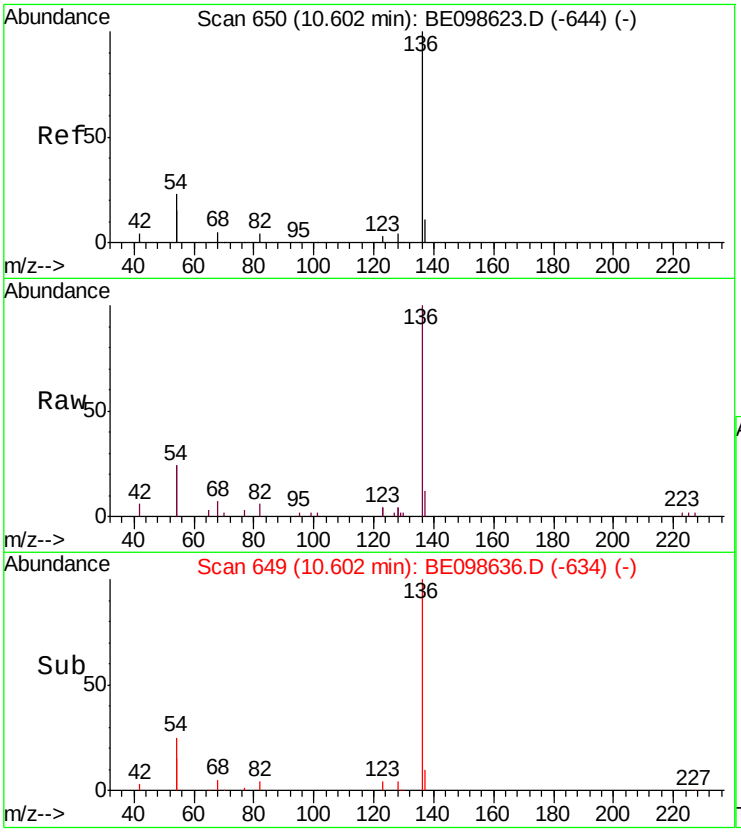


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion: 93 Resp: 1115

Ion	Ratio	Lower	Upper
93	100		
63	329.2	267.3	400.9
95	31.8	26.2	39.4



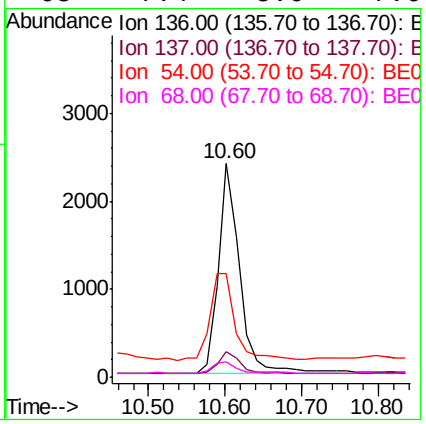


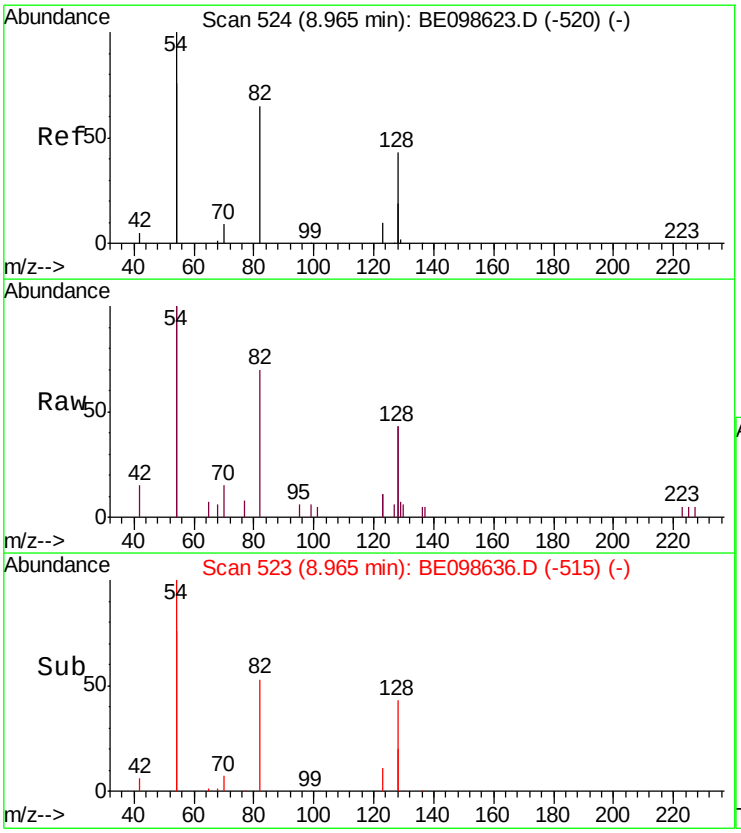
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4628

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	48.3	35.5	53.3
68	7.4	5.0	7.6

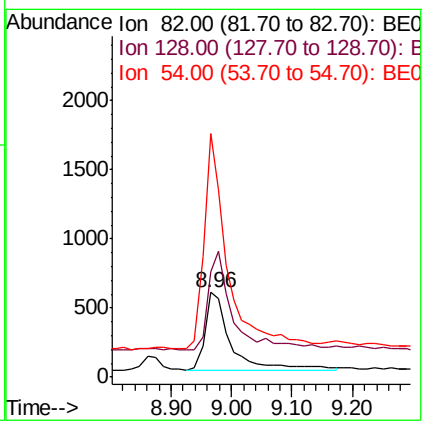


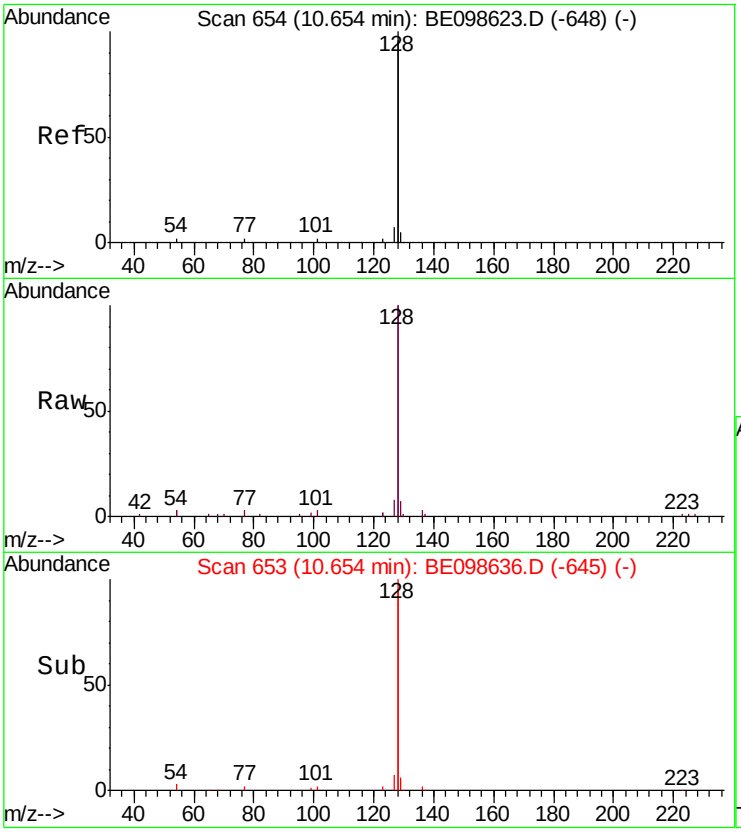


#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion: 82 Resp: 1645

Ion	Ratio	Lower	Upper
82	100		
128	123.5	96.5	144.7
54	287.0	224.7	337.1



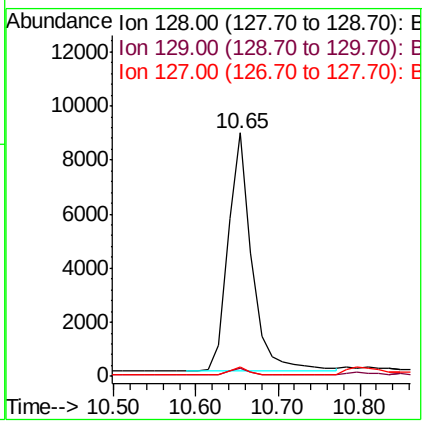


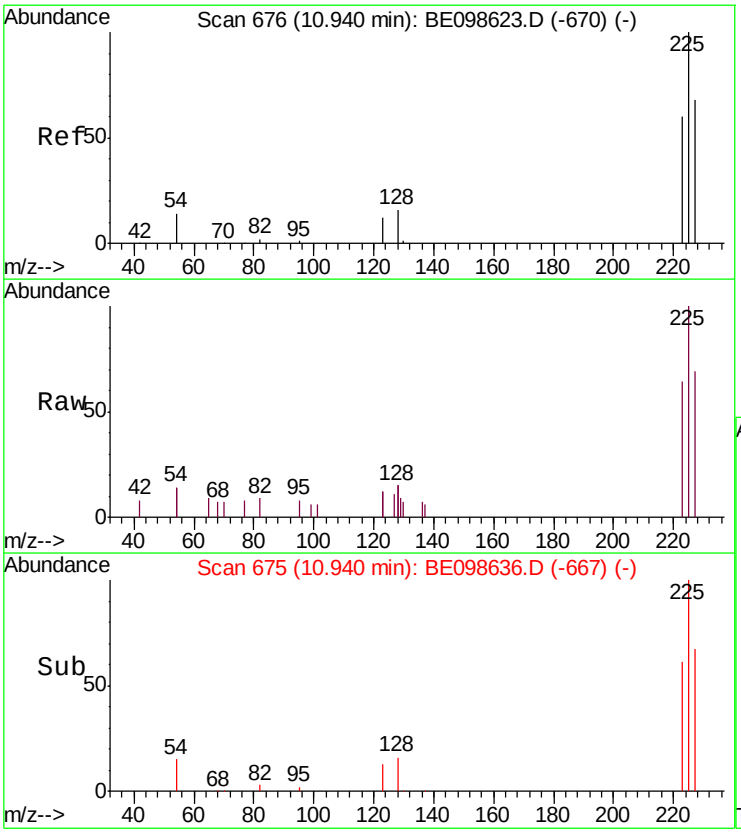
#9
Naphthalene
Concen: 0.386 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17810

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	3.8	3.0	4.6

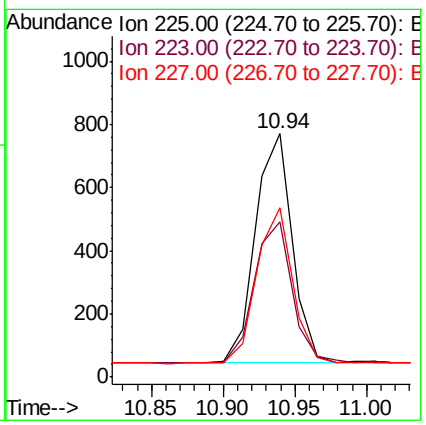


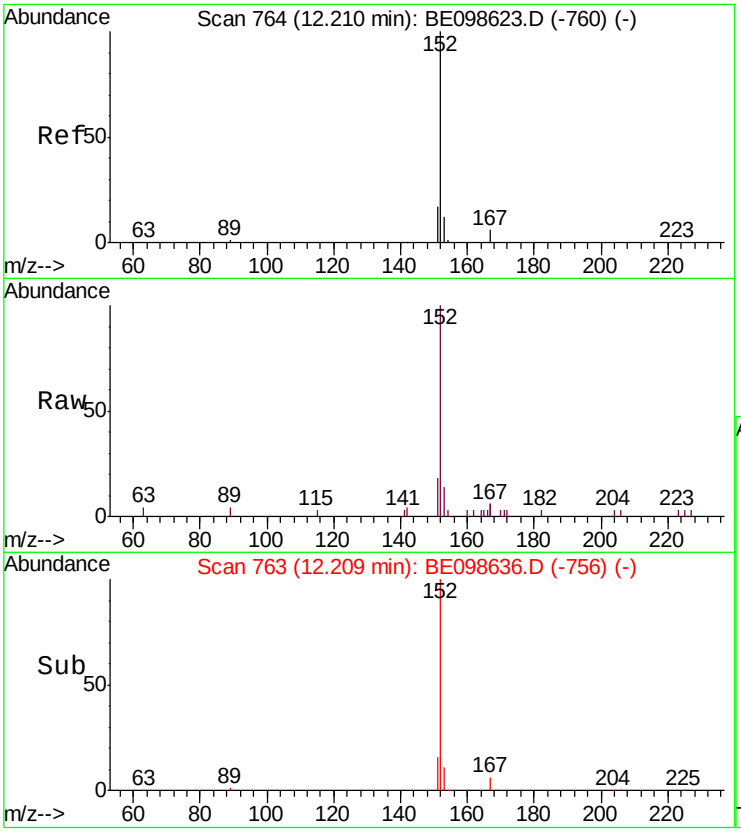


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:225 Resp: 1297

Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.8	71.8
227	66.6	50.5	75.7



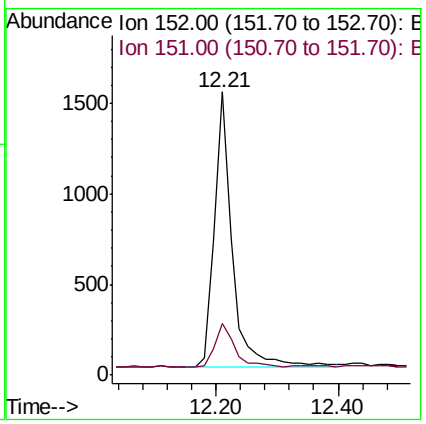


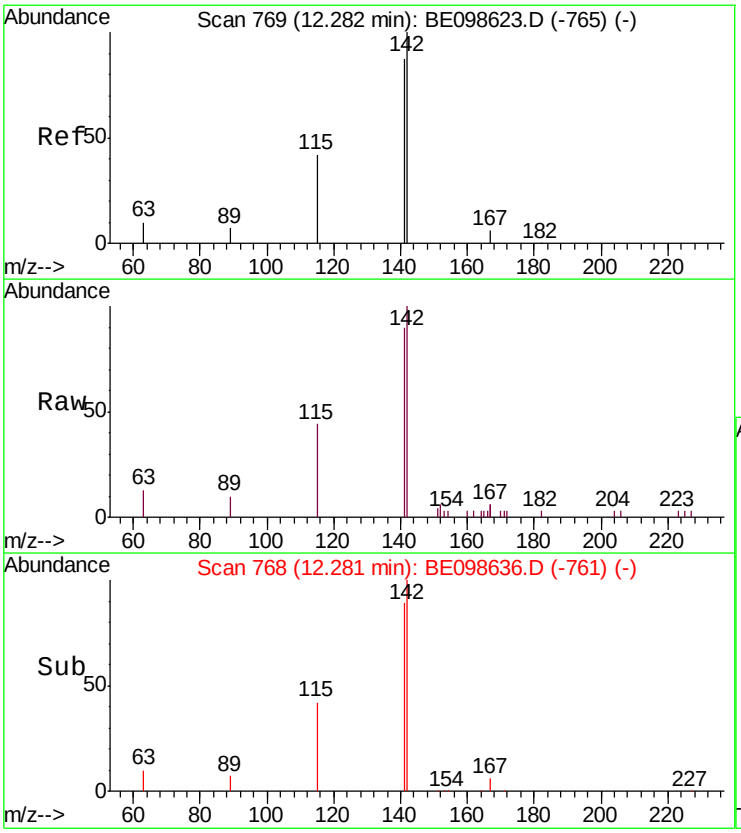
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3048

Ion	Ratio	Lower	Upper
152	100		
151	17.5	16.2	24.4

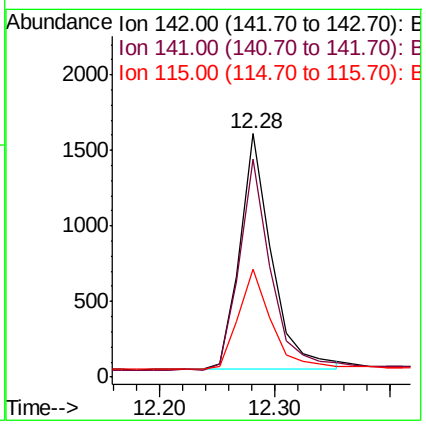


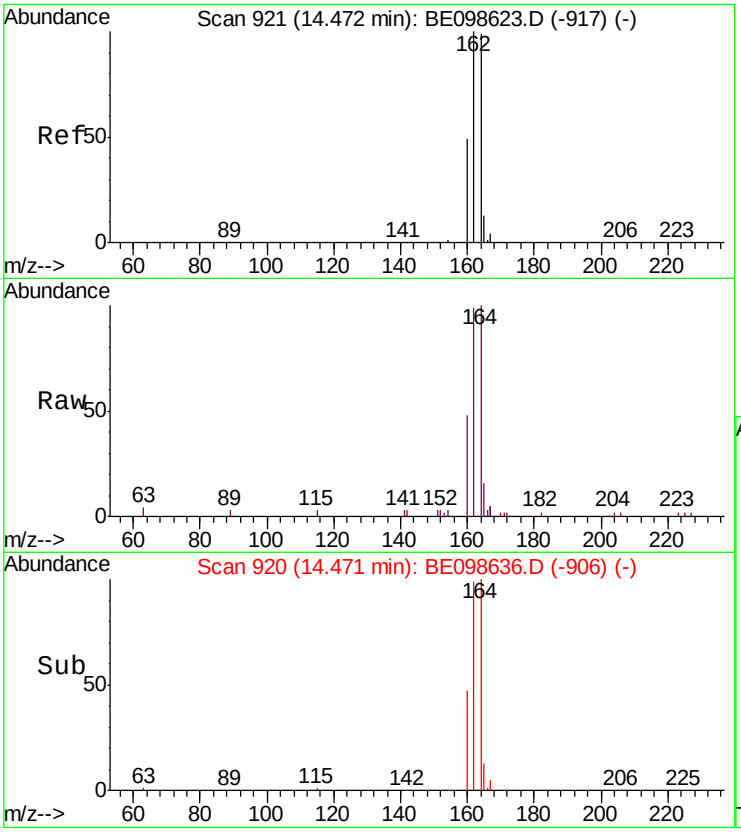


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:142 Resp: 2990

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	44.2	35.2	52.8



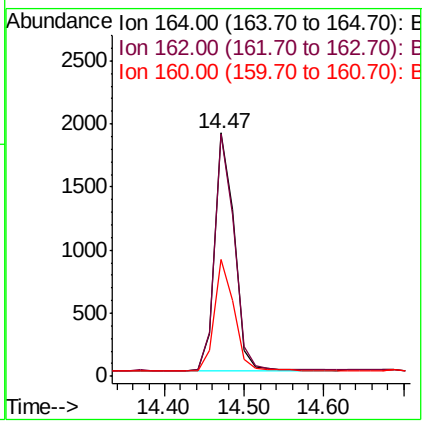


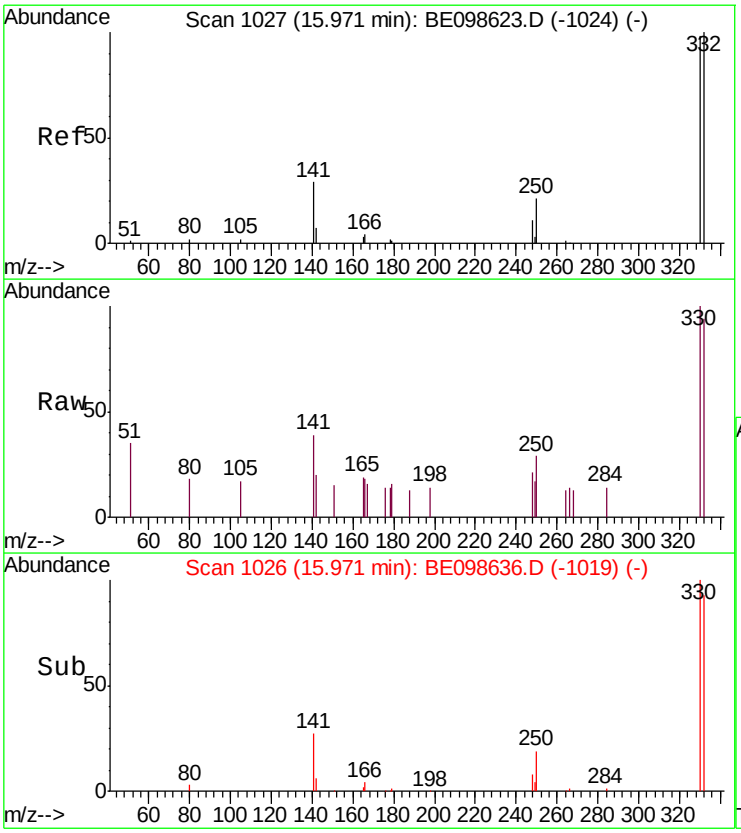
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3223

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.5	120.7
160	47.8	40.1	60.1

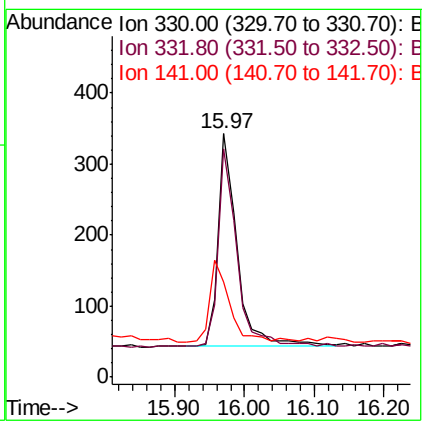


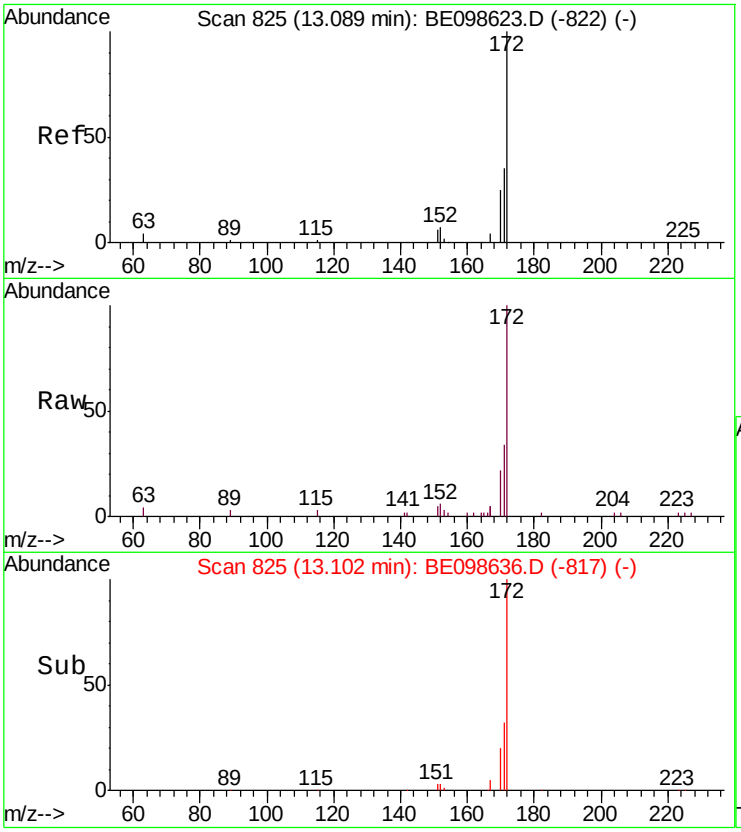


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	91.3	73.3	109.9
141	41.1	33.1	49.7



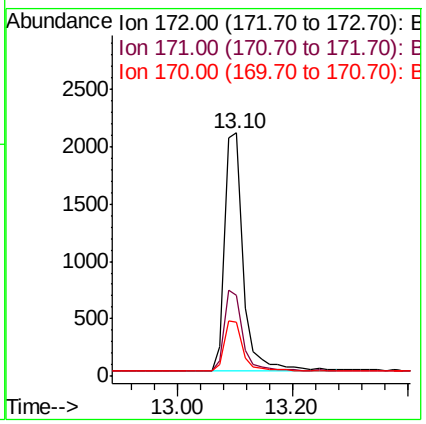


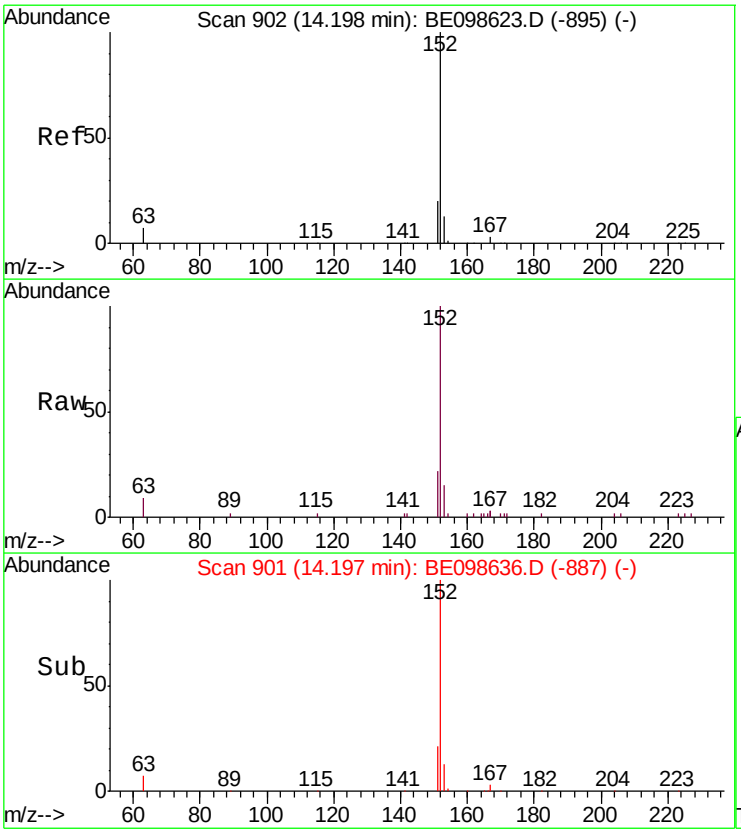
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4701

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.0	43.4
170	22.0	20.8	31.2

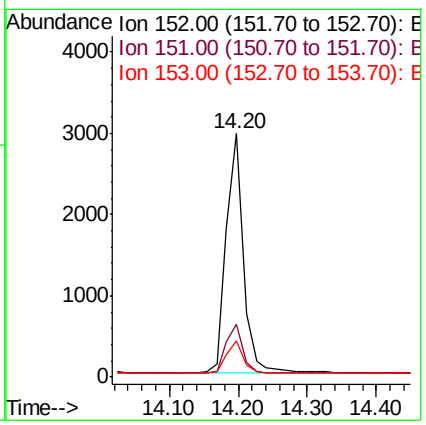


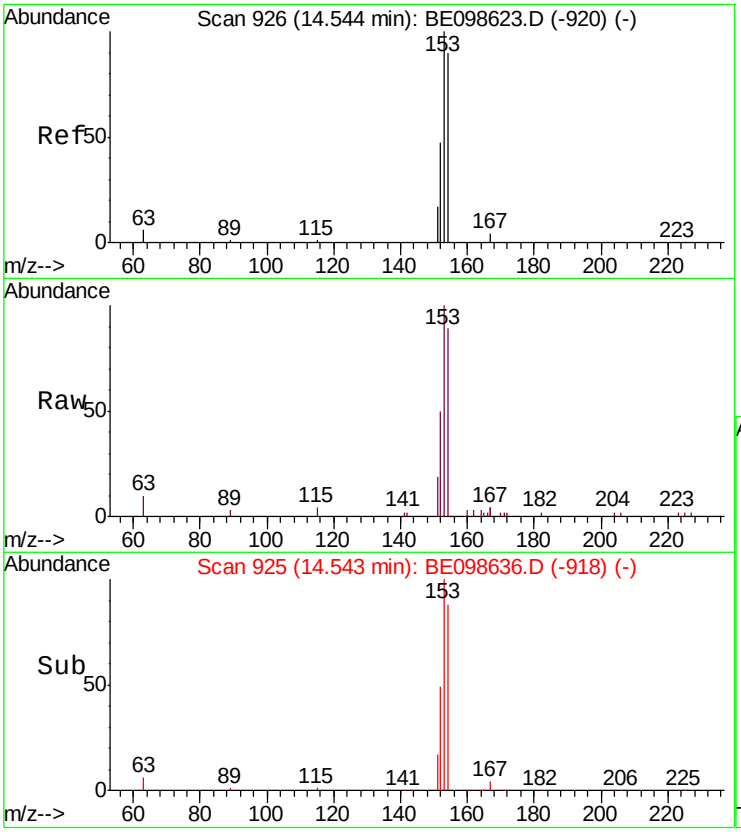


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:152 Resp: 5135

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.7	10.7	16.1



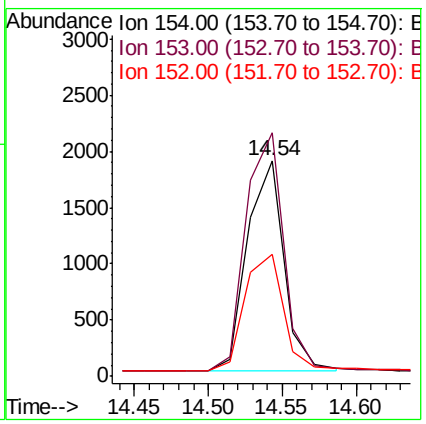


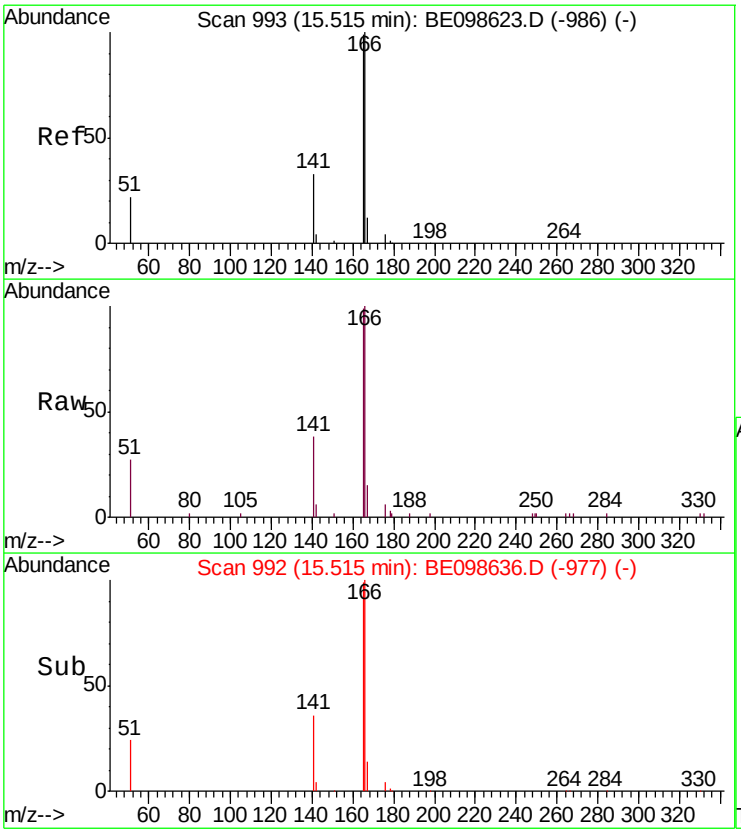
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3226

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.9	140.9
152	58.9	45.8	68.8

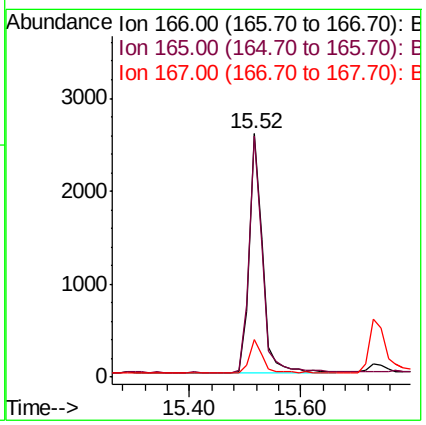


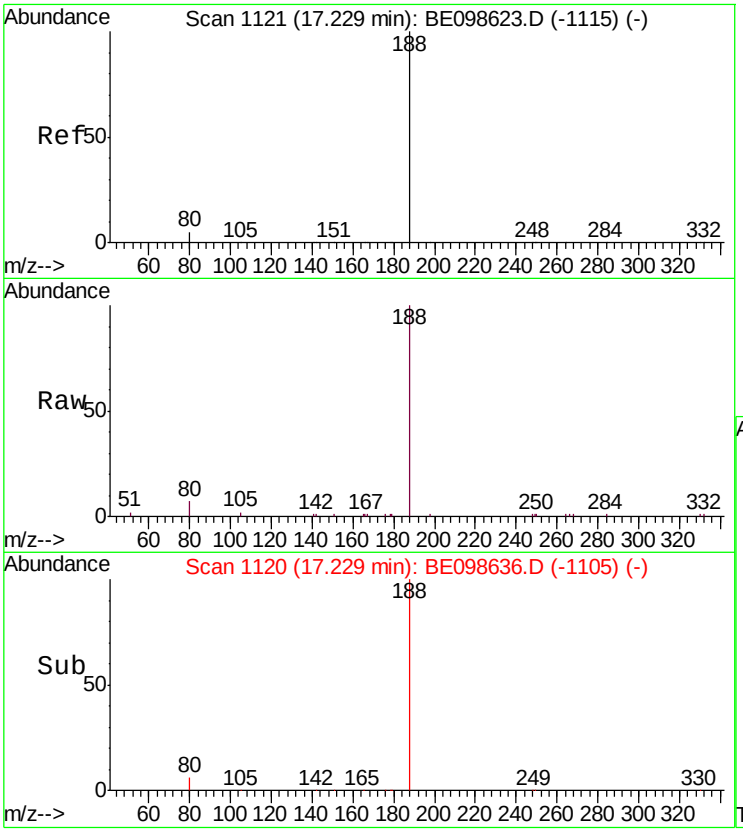


#18
Fluorene
Concen: 0.374 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:166 Resp: 4264

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.3	118.9
167	14.2	10.6	15.8



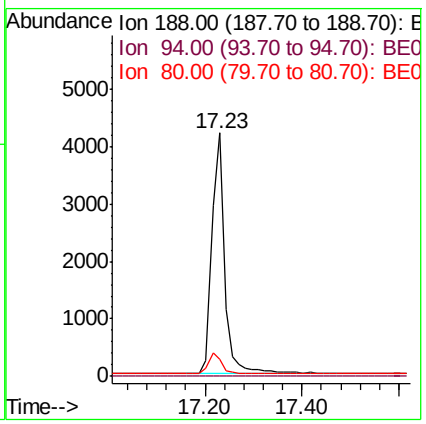


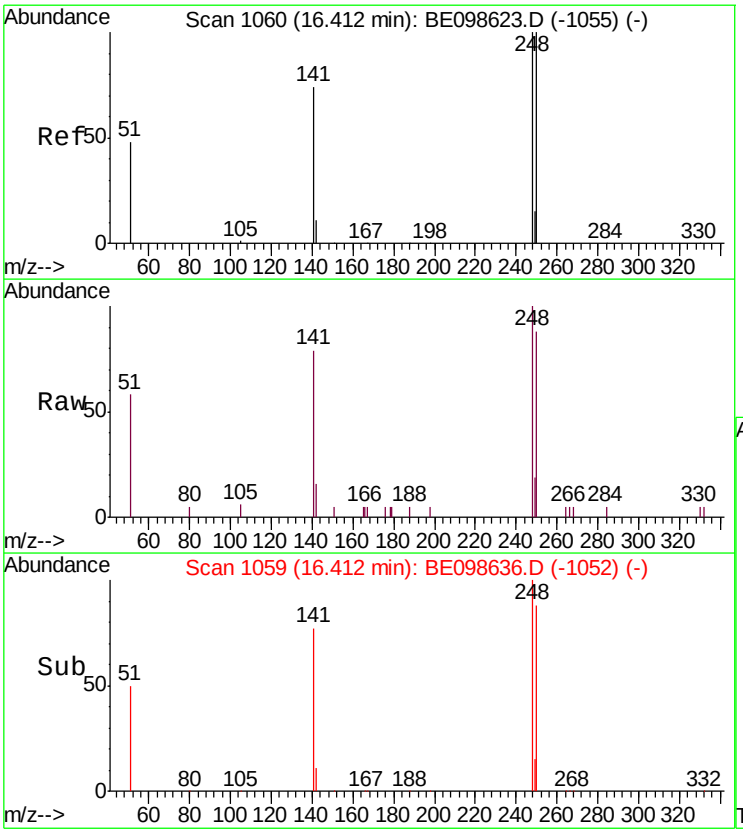
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7627

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	4.7	7.1

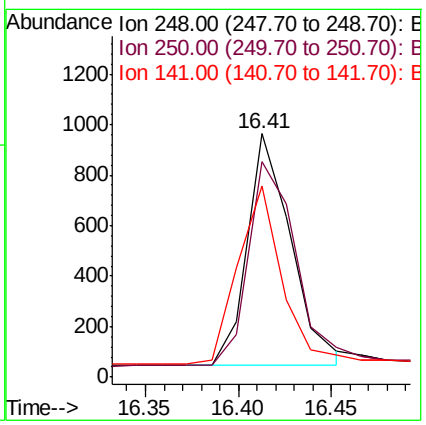


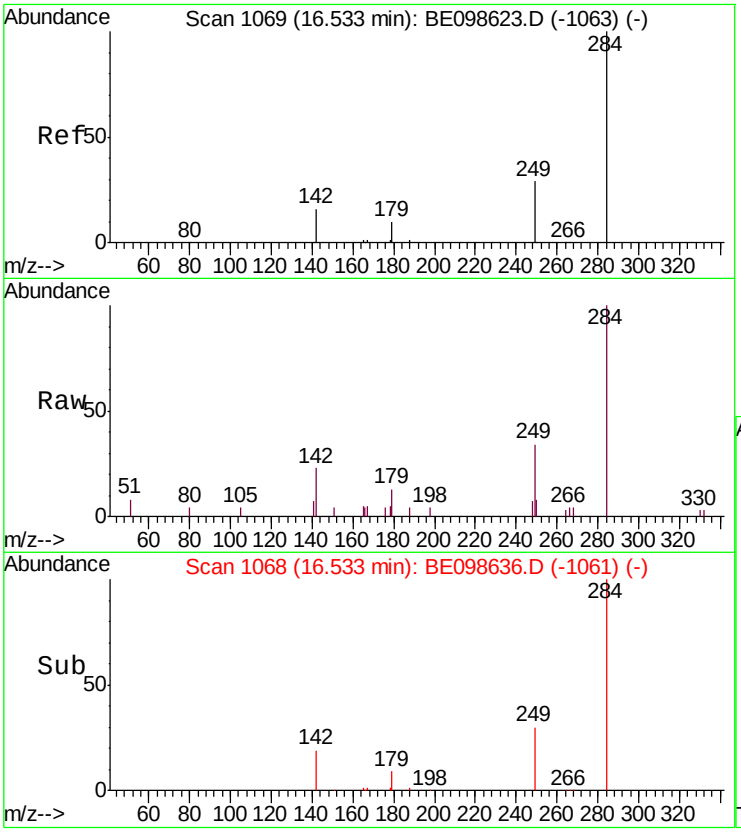


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:248 Resp: 1524

Ion	Ratio	Lower	Upper
248	100		
250	88.3	80.2	120.4
141	78.7	60.5	90.7



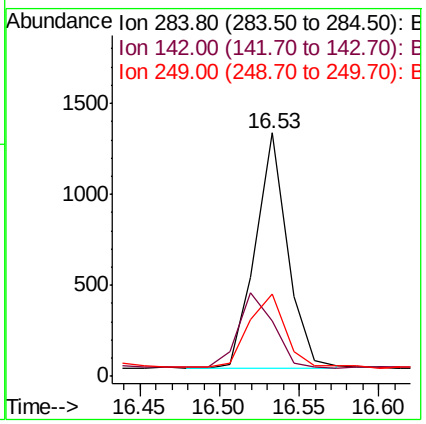


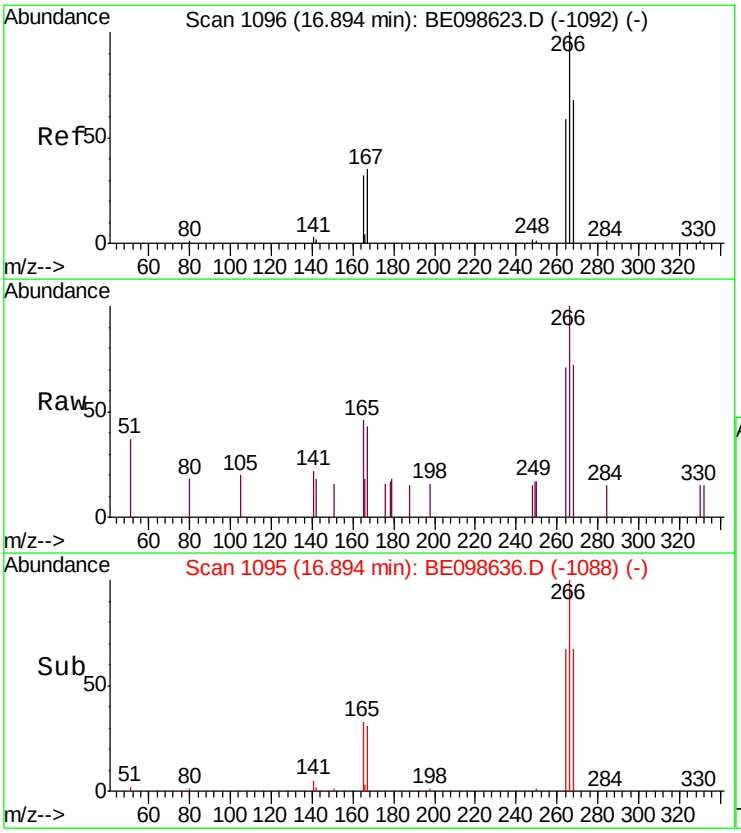
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1807

Ion	Ratio	Lower	Upper
284	100		
142	35.2	25.5	38.3
249	33.9	26.6	39.8

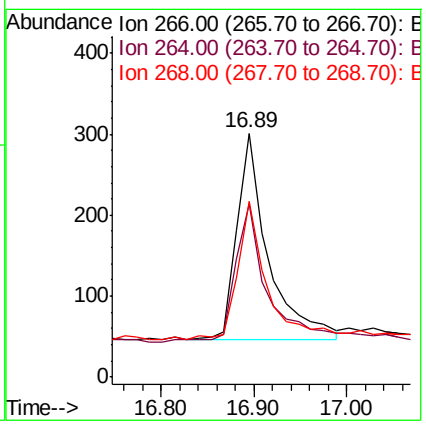


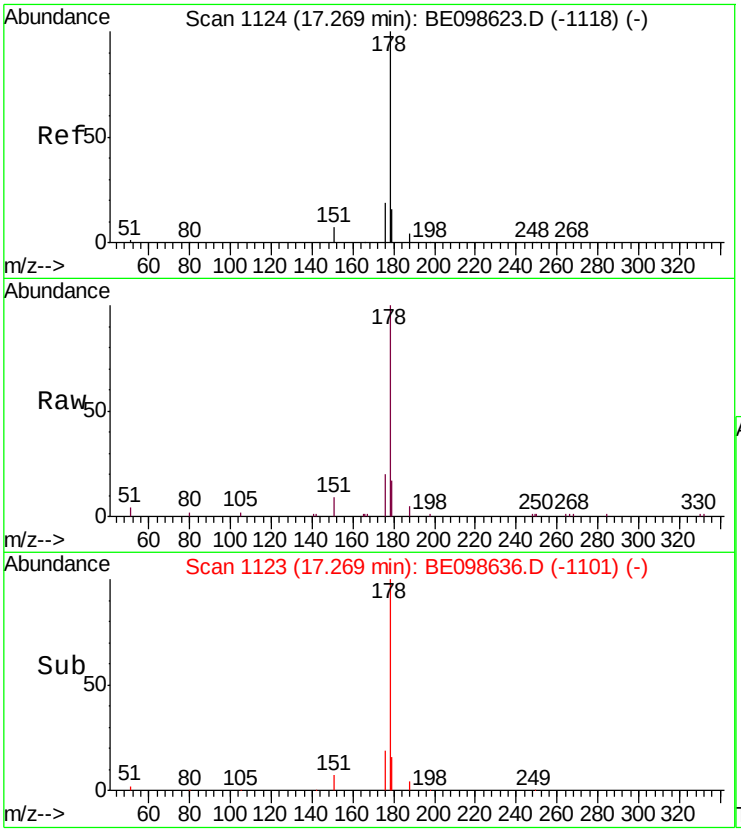


#22
Pentachlorophenol
Concen: 0.493 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:266 Resp: 584

Ion	Ratio	Lower	Upper
266	100		
264	71.1	53.7	80.5
268	72.1	59.8	89.8



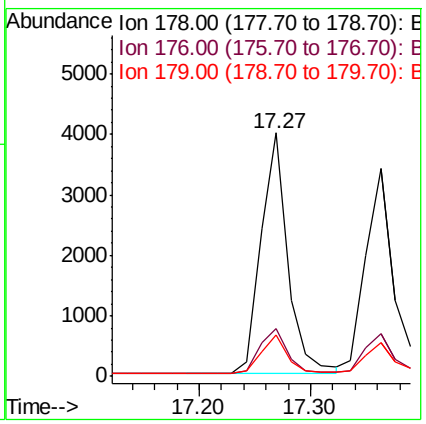


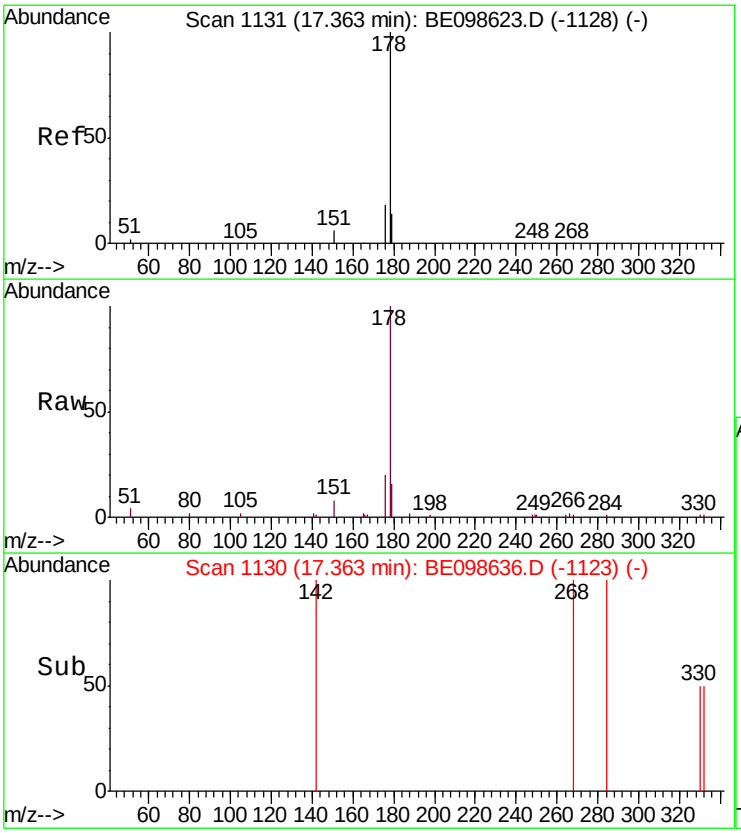
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6683

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	12.2	18.4

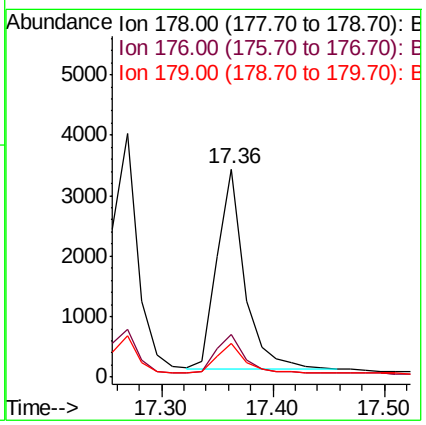


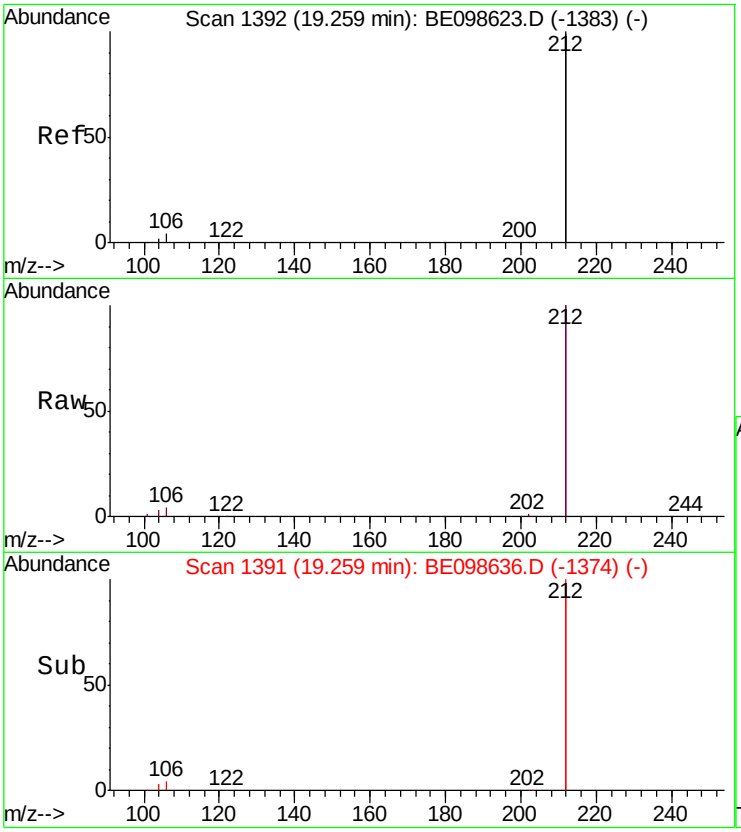


#24
Anthracene
Concen: 0.369 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:178 Resp: 5715

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	15.1	11.8	17.8



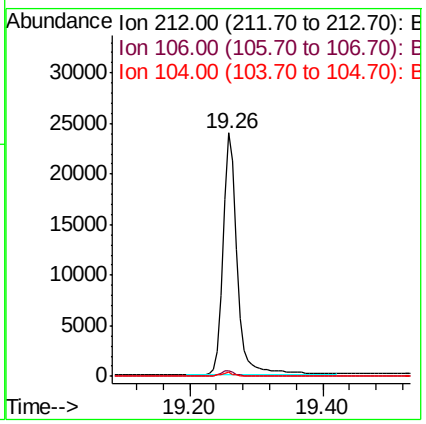


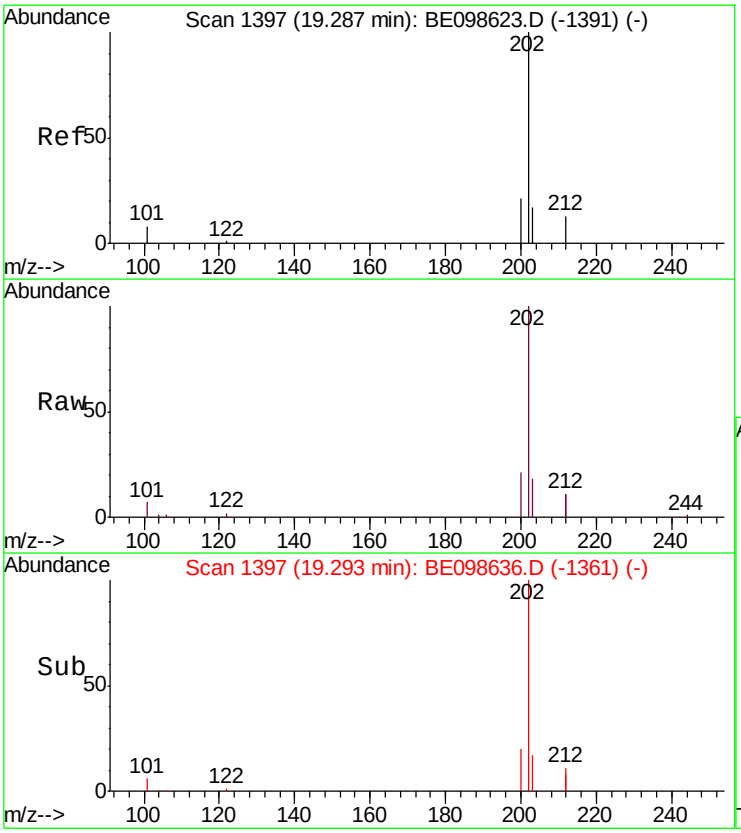
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34964

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.7	2.5
104	1.2	1.0	1.6

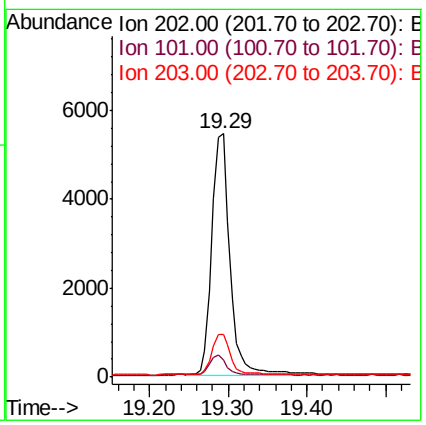


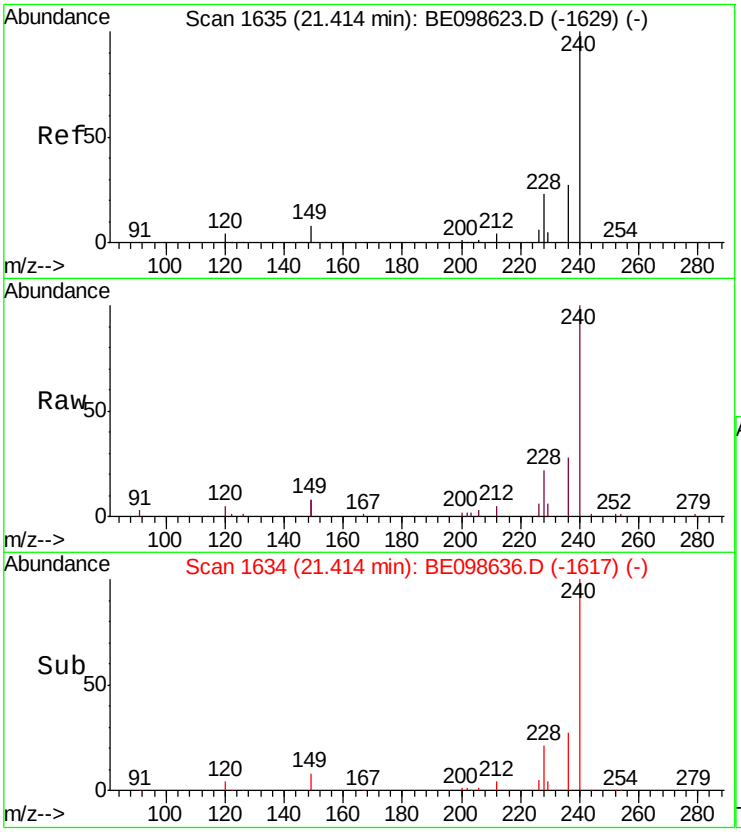


#26
Fluoranthene
Concen: 0.371 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:202 Resp: 8627

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.7	10.1
203	16.8	13.3	19.9



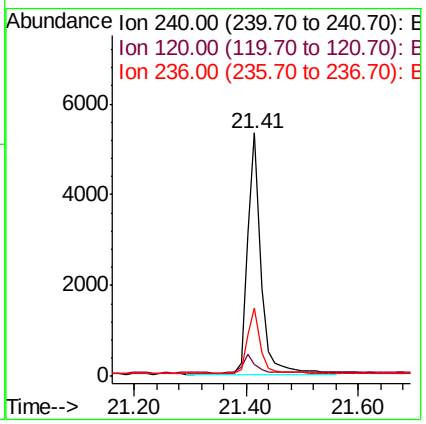


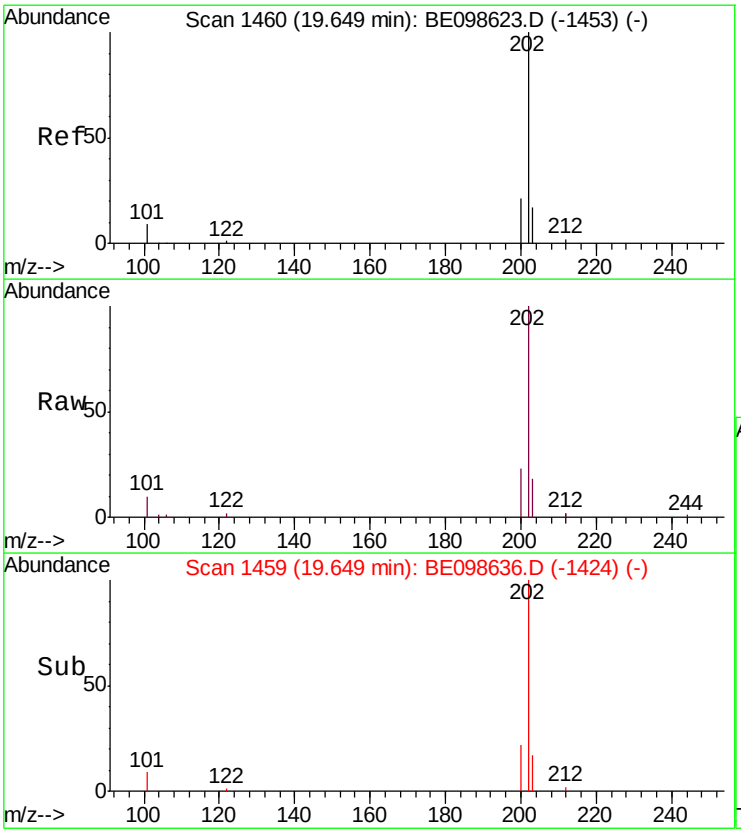
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8746

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.7	7.1
236	28.0	21.9	32.9

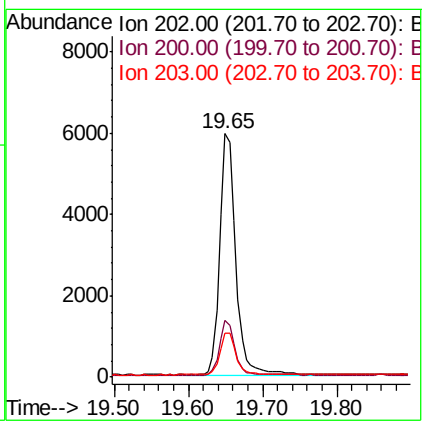


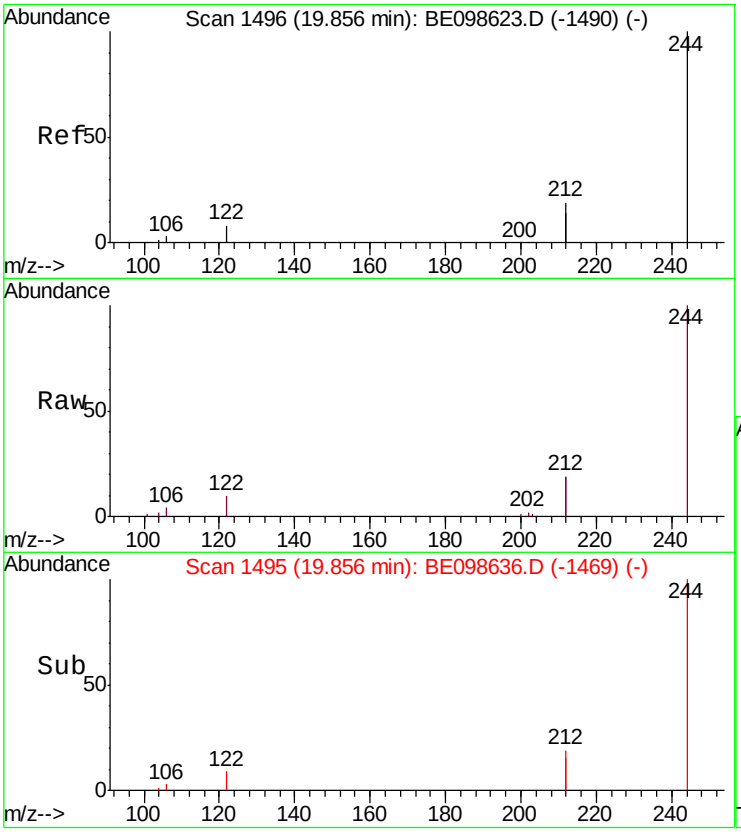


#28
Pyrene
Concen: 0.372 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:202 Resp: 8965

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.5	13.8	20.8



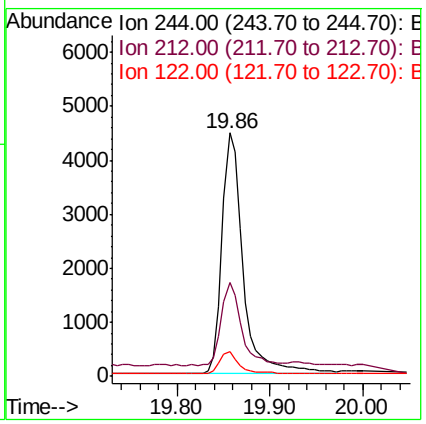


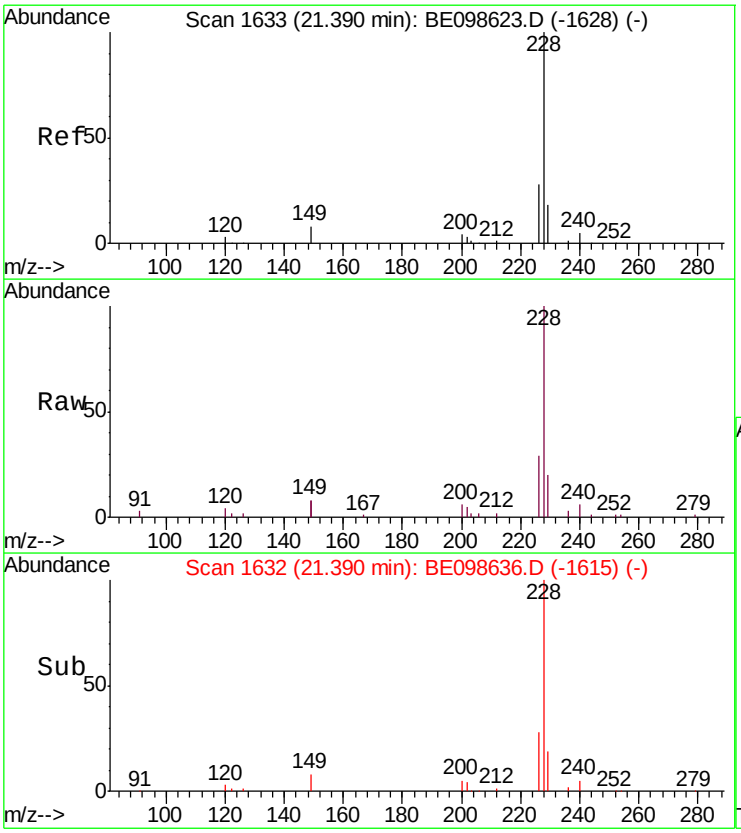
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7096

Ion	Ratio	Lower	Upper
244	100		
212	38.5	29.4	44.2
122	10.1	7.1	10.7

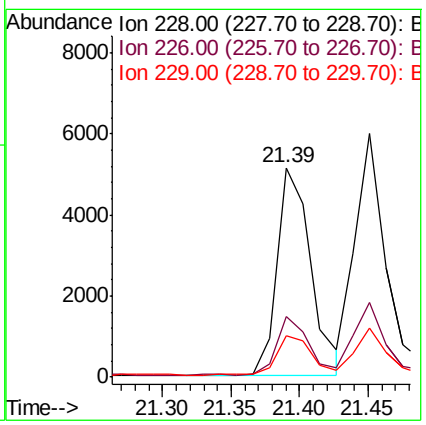


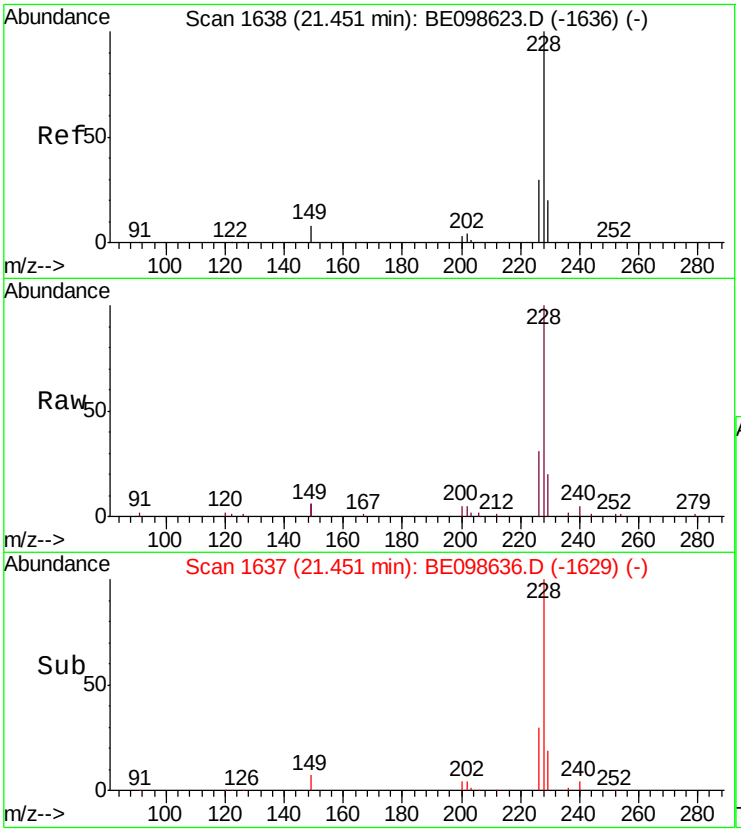


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:228 Resp: 8727

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.0	15.0	22.6



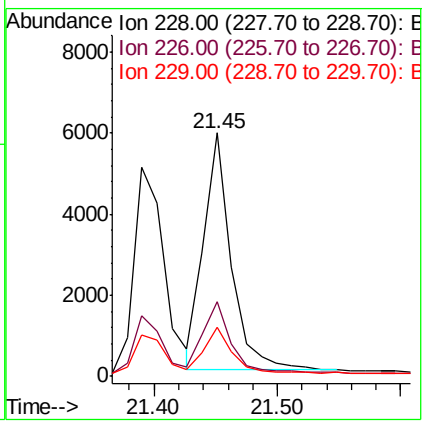


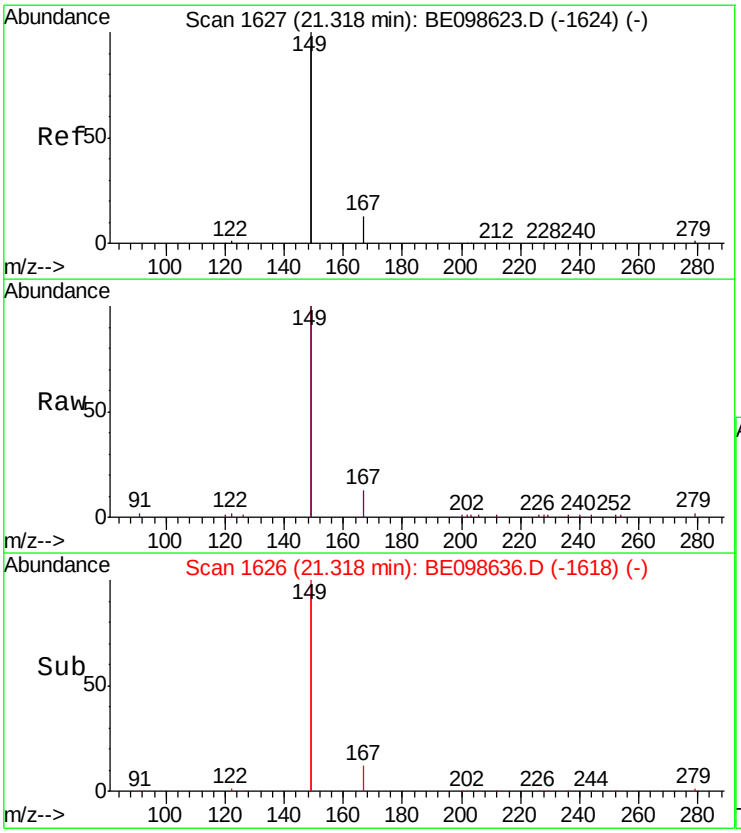
#31
Chrysene
Concen: 0.373 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9082

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	20.3	16.4	24.6

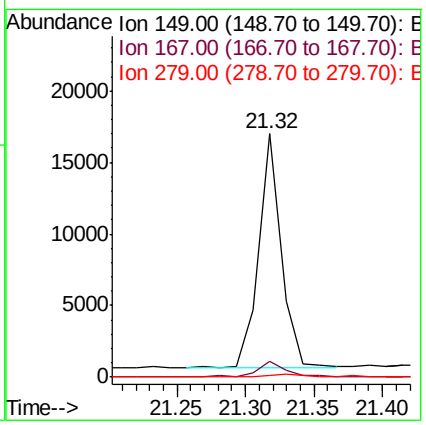


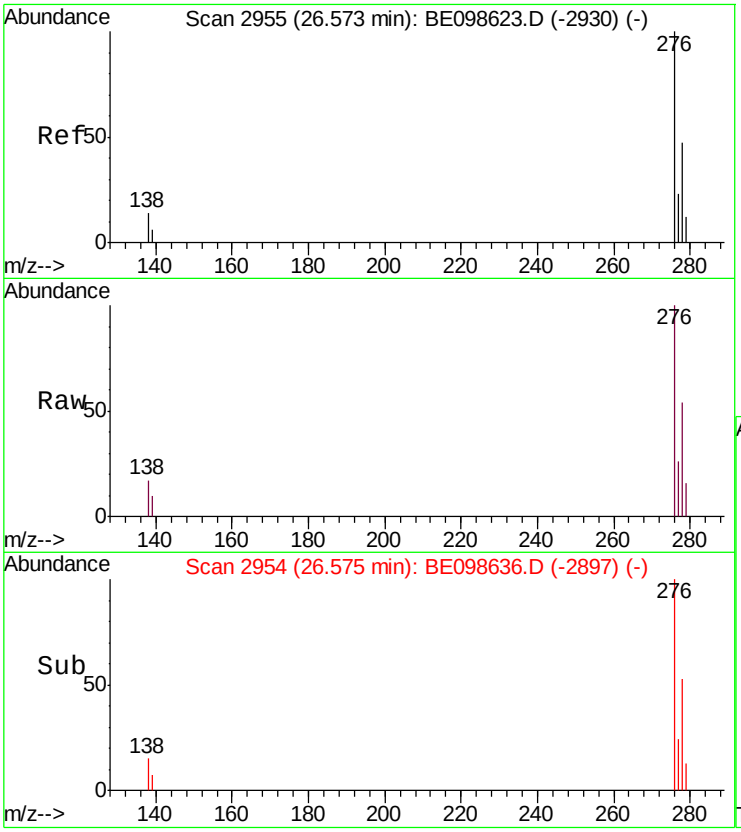


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:149 Resp: 18568

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.2
279	1.2	1.0	1.4



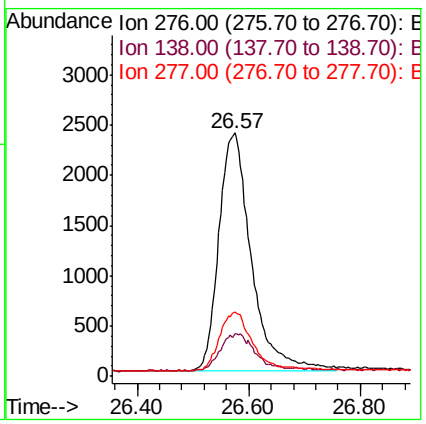


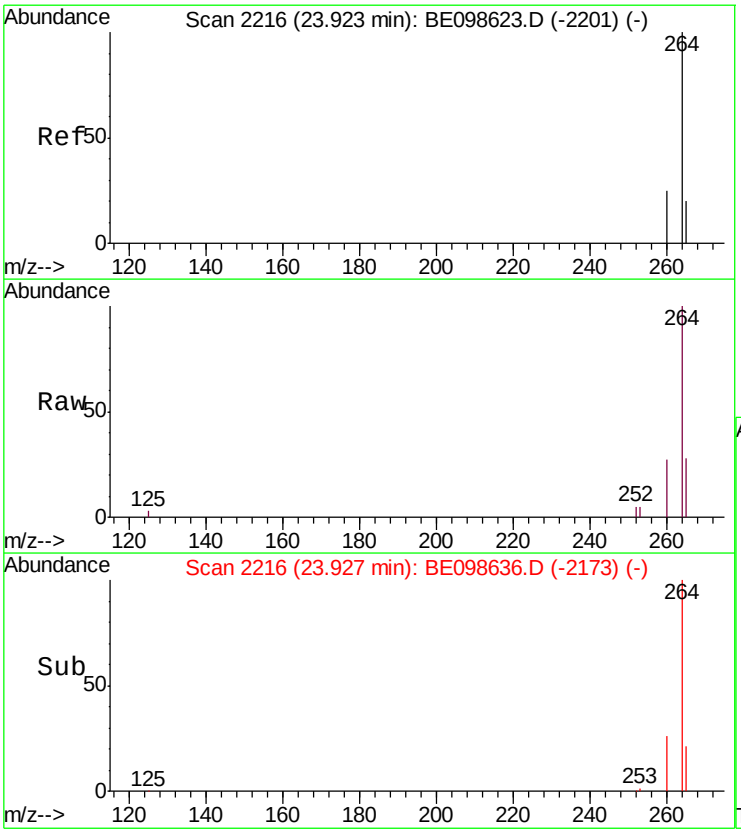
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9666

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.3	19.9
277	24.1	19.4	29.0

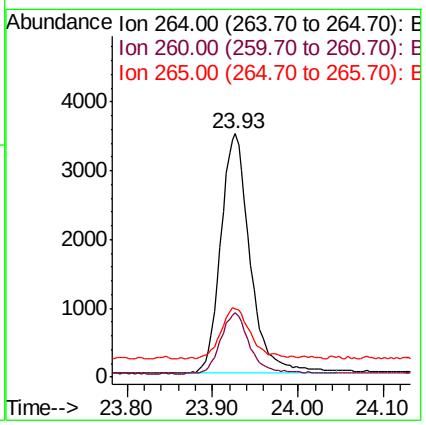


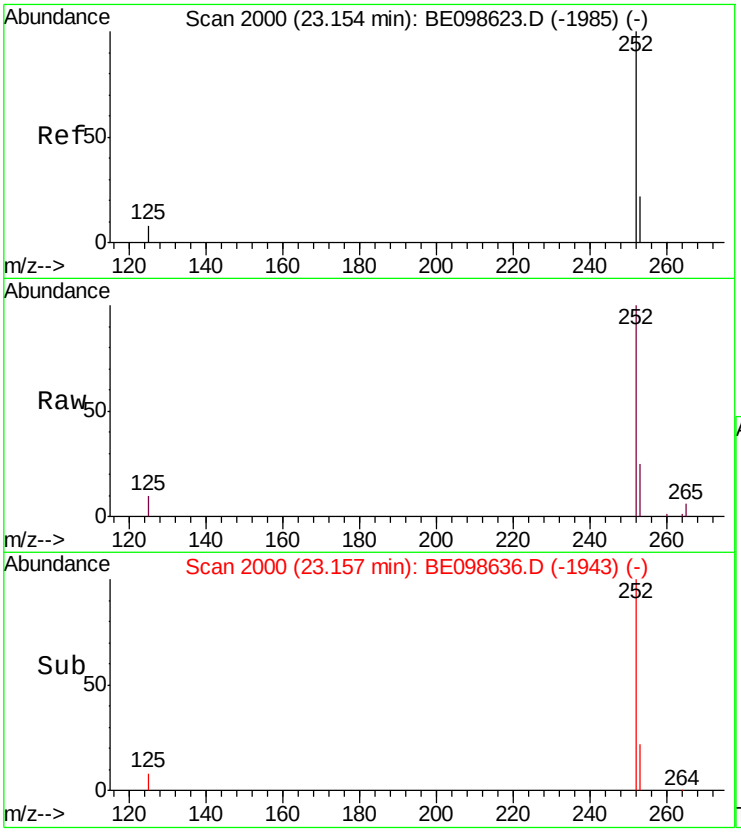


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:264 Resp: 8335

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	28.1	22.3	33.5



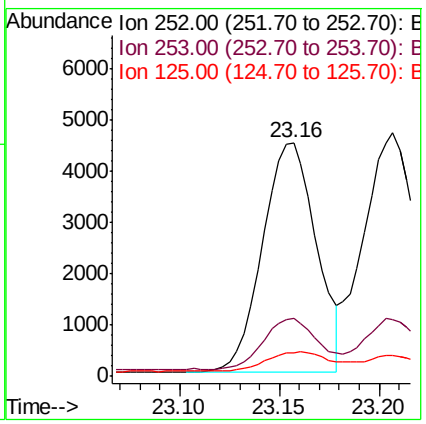


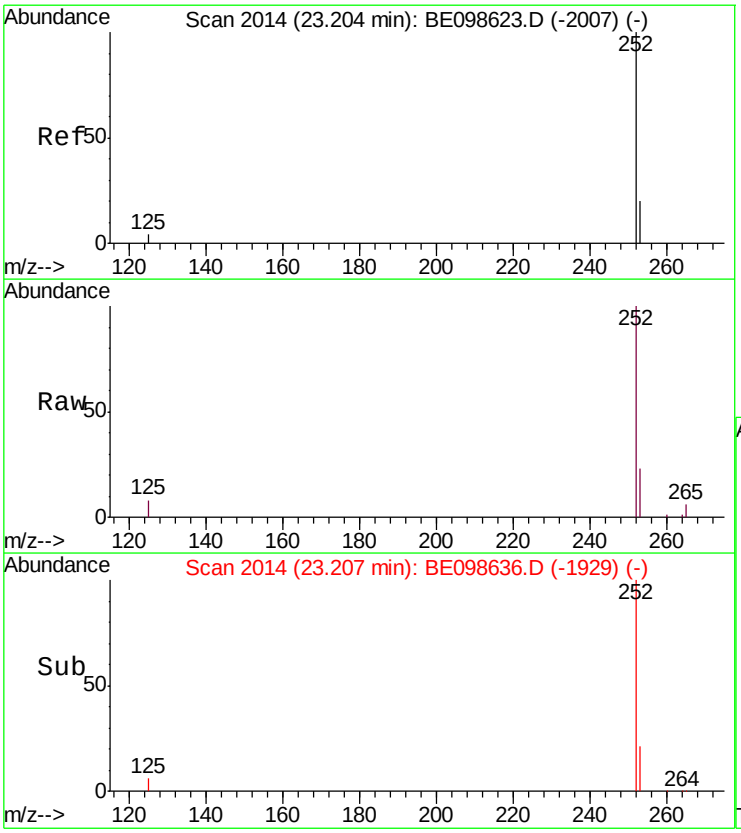
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8366

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.0
125	10.1	8.2	12.4

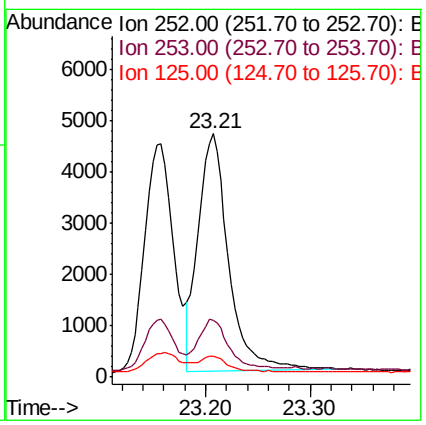


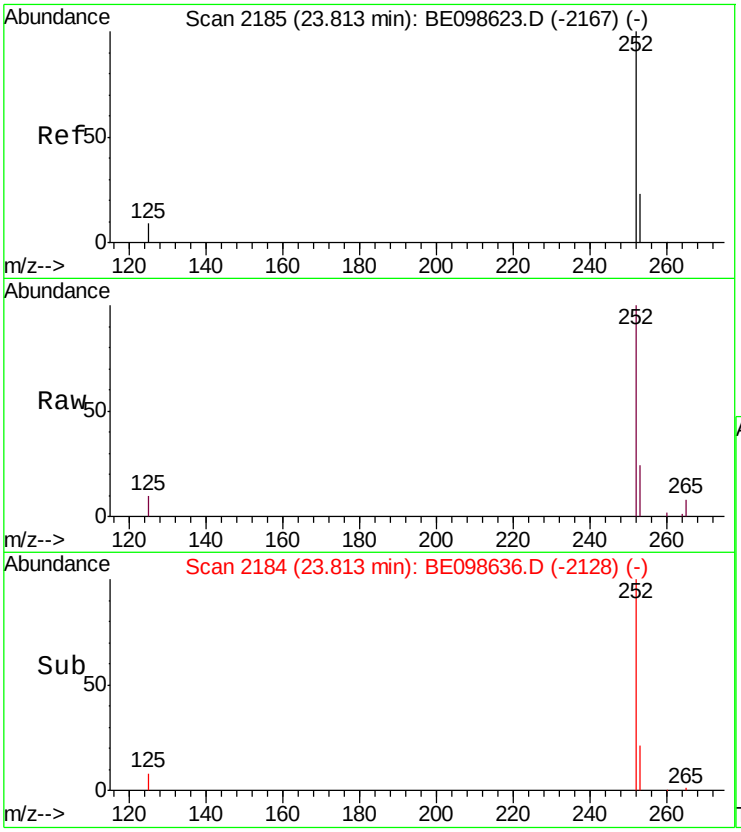


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:252 Resp: 9384

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	8.4	7.0	10.4



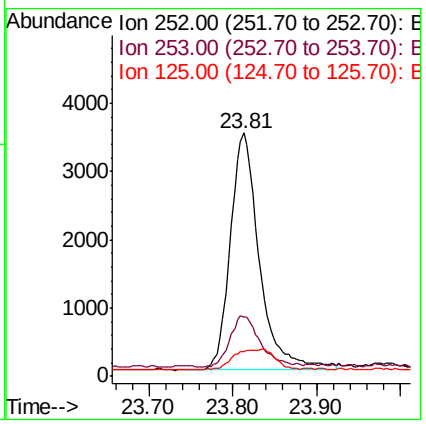


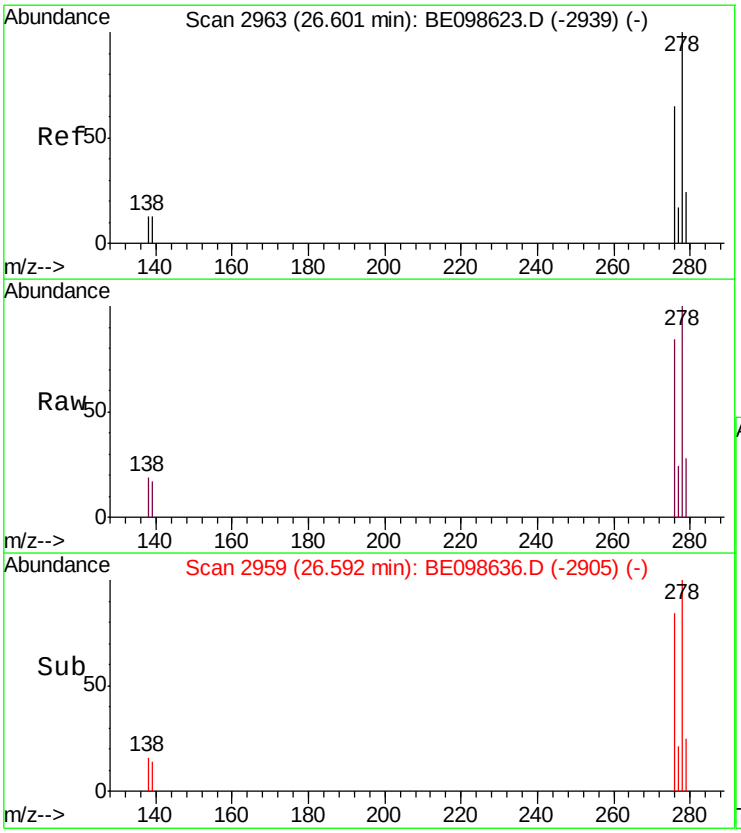
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8417

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.0	31.4
125	10.1	9.2	13.8

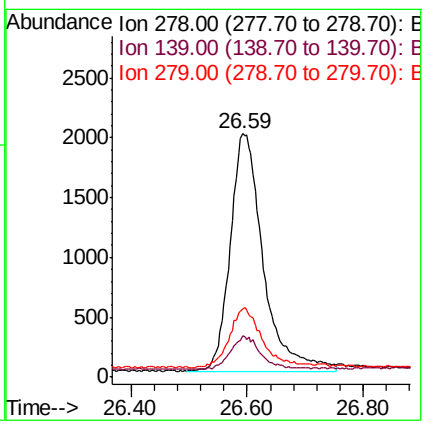


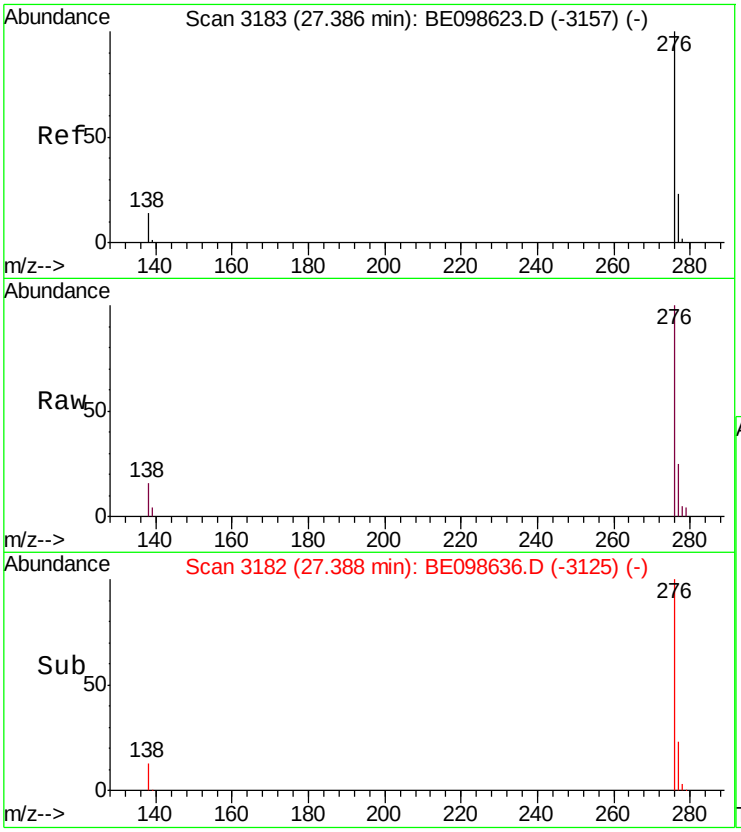


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.59 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Tgt Ion:278 Resp: 7793

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	28.2	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.39 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE098636.D
Acq: 16 Jan 2019 16:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8141

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.3	30.5
138	15.7	13.3	19.9