Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121618\

Quantitation Report (Not Reviewed)

Data File : BE098504.D
Acq On : 16 Dec 2018 13:14
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 17 03:24:59 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	722	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3027	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1934	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5619	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7792	0.40	ng	0.00
34) Perylene-d12	24.00	264	7354	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	863	0.51	ng	0.00
5) Phenol-d6	7.04	99	1103	0.46	ng	0.00
8) Nitrobenzene-d5	9.02	82	1035	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2033	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	426	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	3370	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	34652	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	6875	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	565	0.452	ng	# 78
3) n-Nitrosodimethylamine	3.69	42	509	0.453	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	884	0.389	ng	100
9) Naphthalene	10.70	128	12274	0.403	ng	# 98
10) Hexachlorobutadiene	10.99	225	873	0.450	ng	97
12) 2-Methylnaphthalene	12.32	142	2134	0.431	ng	97
16) Acenaphthylene	14.24	152	3824	0.422	ng	100
17) Acenaphthene	14.59	154	2297	0.422	ng	95
18) Fluorene	15.57	166	3164	0.434	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1252	0.414	ng	93
21) Hexachlorobenzene	16.57	284	1394	0.429	ng	95
22) Pentachlorophenol	16.93	266	641	1.015	ng	94
23) Phenanthrene	17.31	178	5716	0.419	ng	99
24) Anthracene	17.41	178	4976	0.409	ng	98
26) Fluoranthene	19.33	202	8620	0.477	ng	98
28) Pyrene	19.69	202	9473	0.387	ng	99
30) Benzo(a)anthracene	21.44	228	9674	0.436	ng	99
31) Chrysene	21.50	228	9475	0.408	ng	100
32) Bis(2-ethylhexyl)phthalate	21.35	149	25070	0.556	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	9537	0.412	ng	97
35) Benzo(b)fluoranthene	23.22	252	8760	0.436	ng	96
36) Benzo(k)fluoranthene	23.27	252	9513	0.406	ng	98
37) Benzo(a)pyrene	23.88	252	8807	0.424	ng	99
38) Dibenzo(a,h)anthracene	26.71	278	7526	0.385	ng	99
39) Benzo(g,h,i)perylene	27.50	276	8212	0.417	ng	99

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

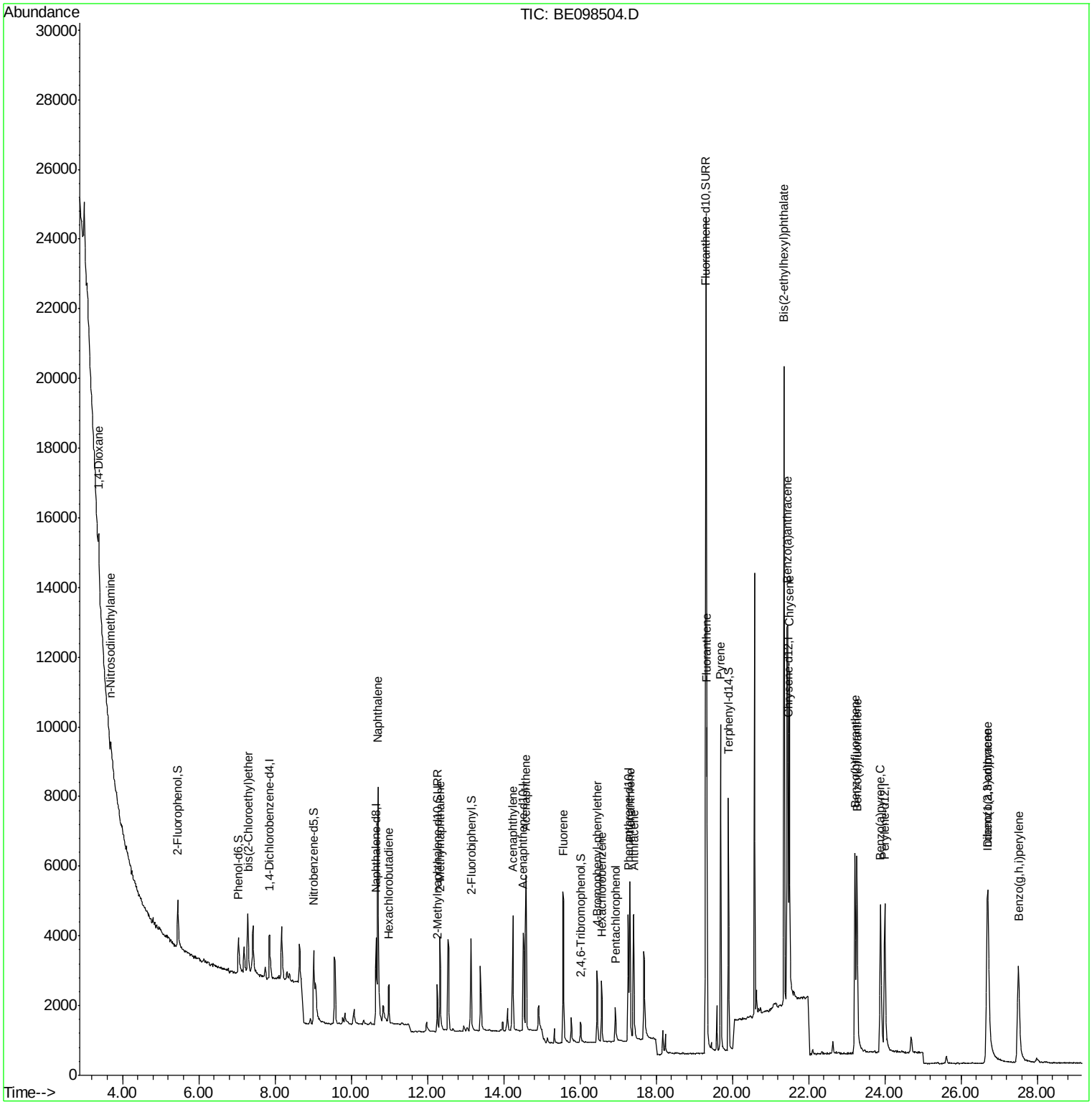
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121618\

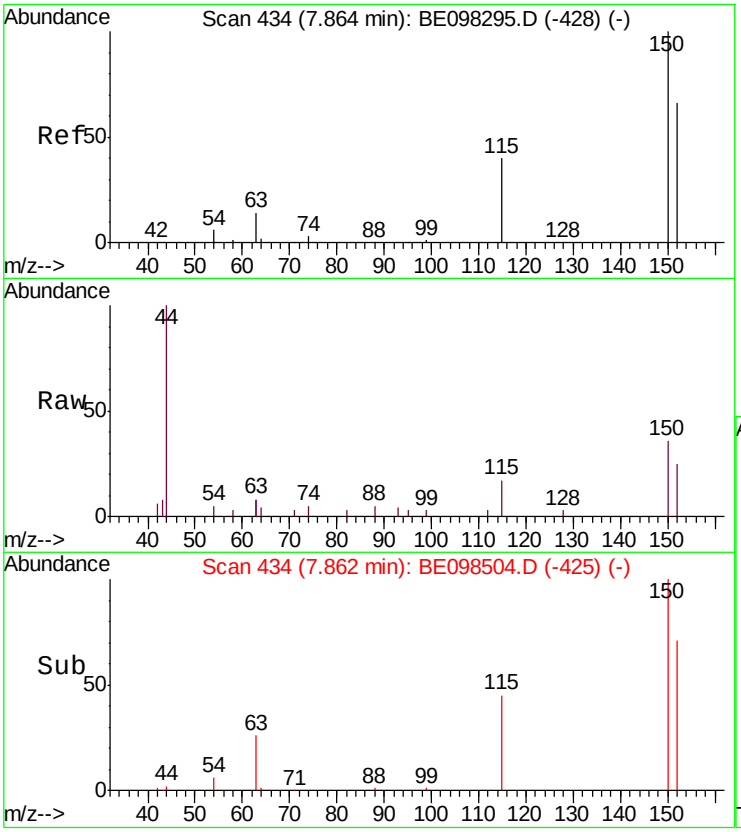
Quantitation Report (Not Reviewed)

Data File : BE098504.D
Acq On : 16 Dec 2018 13:14
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 17 03:16:01 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



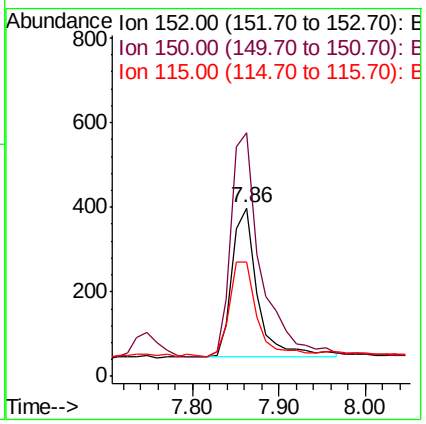


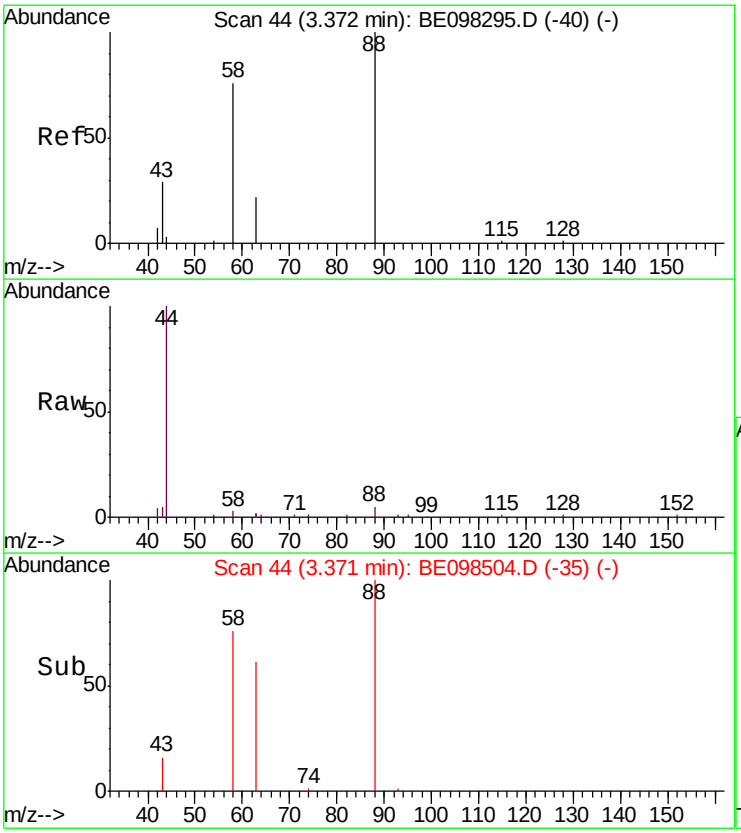
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 722

Ion	Ratio	Lower	Upper
152	100		
150	144.7	124.2	186.4
115	68.1	53.9	80.9

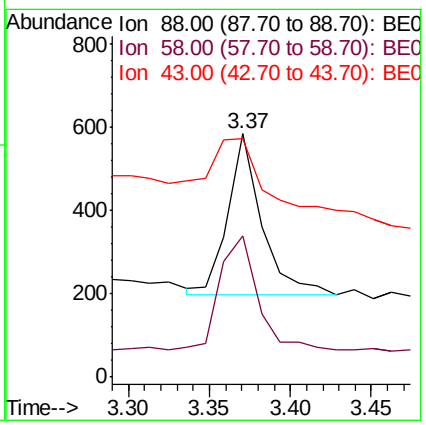


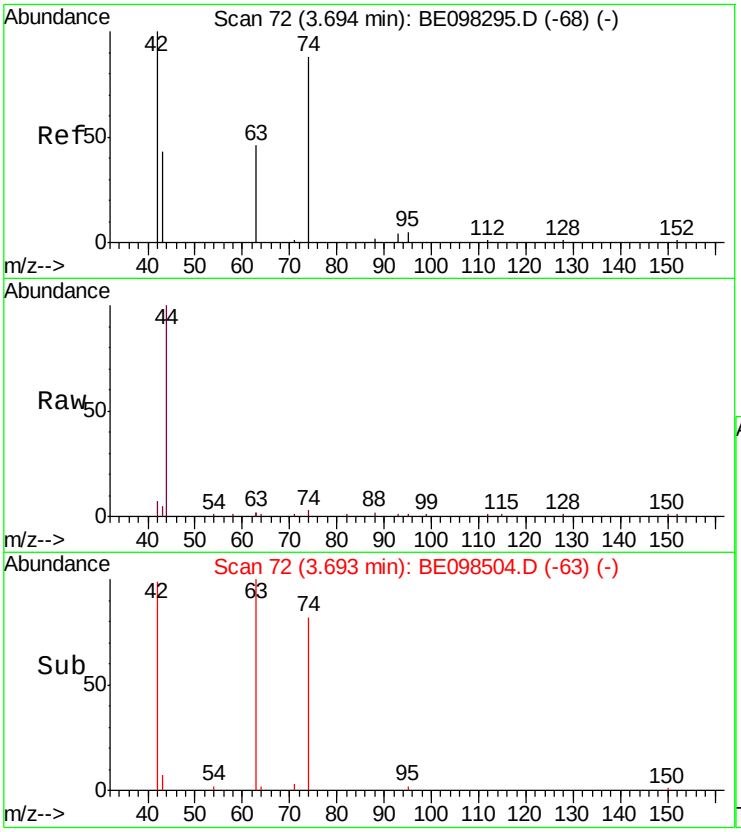


#2
1,4-Dioxane
Concen: 0.452 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion: 88 Resp: 565

Ion	Ratio	Lower	Upper
88	100		
58	78.9	75.0	112.6
43	71.2	38.3	57.5#



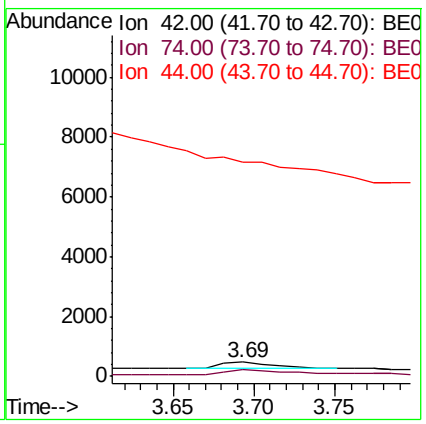


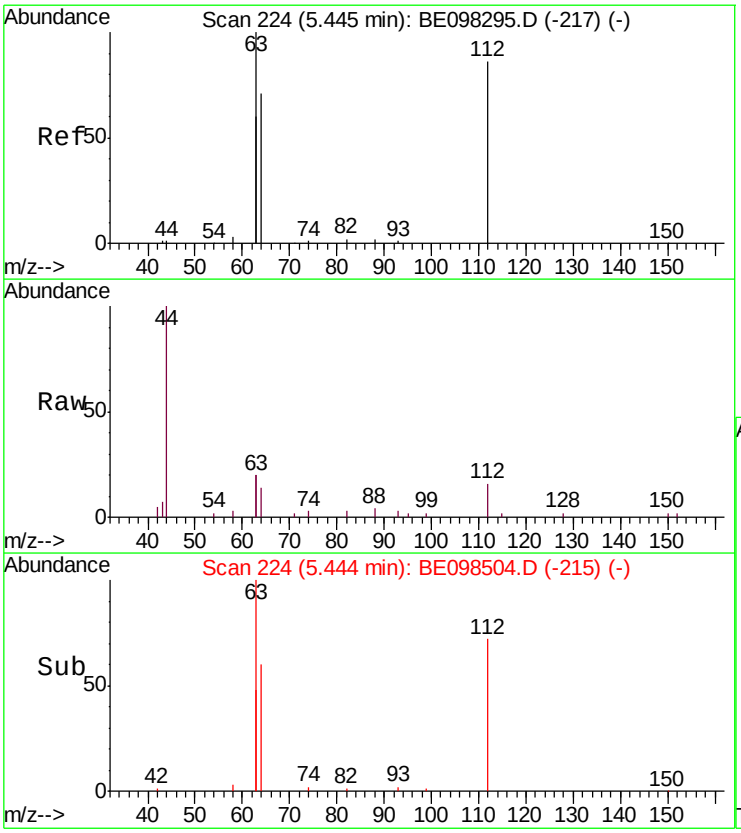
#3
n-Nitrosodimethylamine
Concen: 0.453 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 509

Ion	Ratio	Lower	Upper
42	100		
74	78.0	0.0	0.0#
44	0.0	0.0	0.0

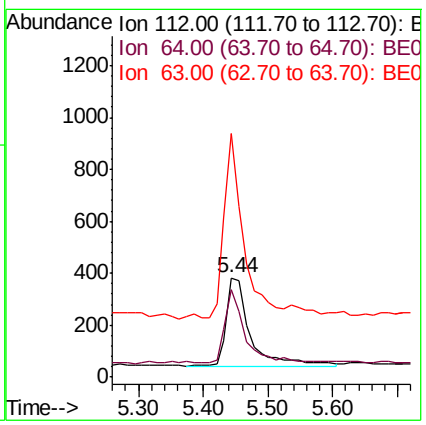


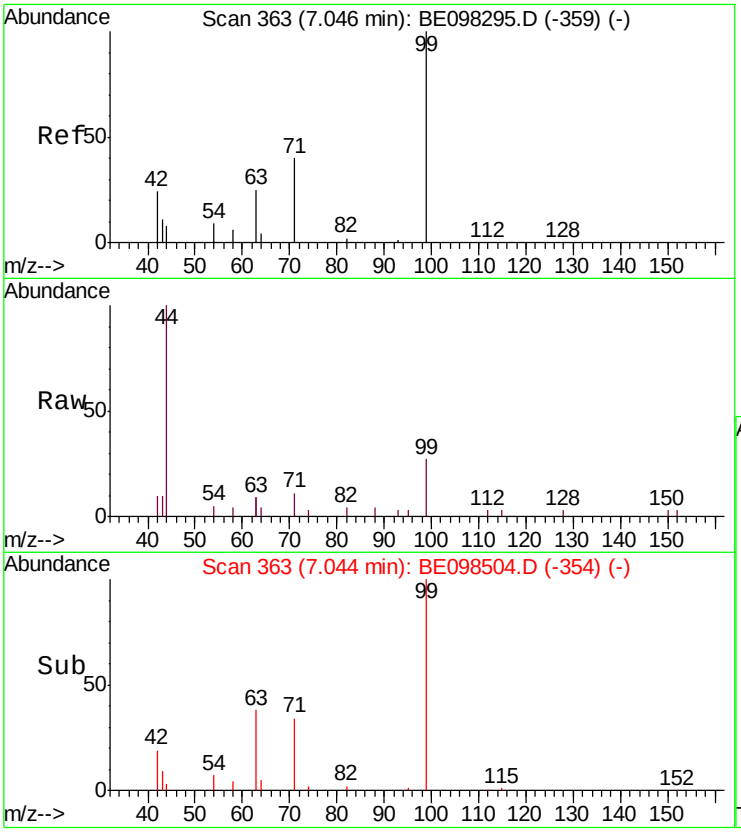


#4
2-Fluorophenol
Concen: 0.511 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:112 Resp: 863

Ion	Ratio	Lower	Upper
112	100		
64	70.3	59.8	89.8
63	173.5	133.7	200.5



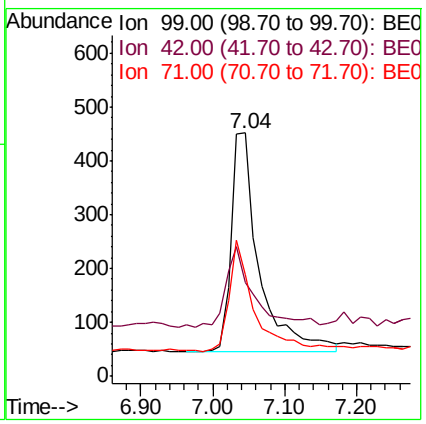


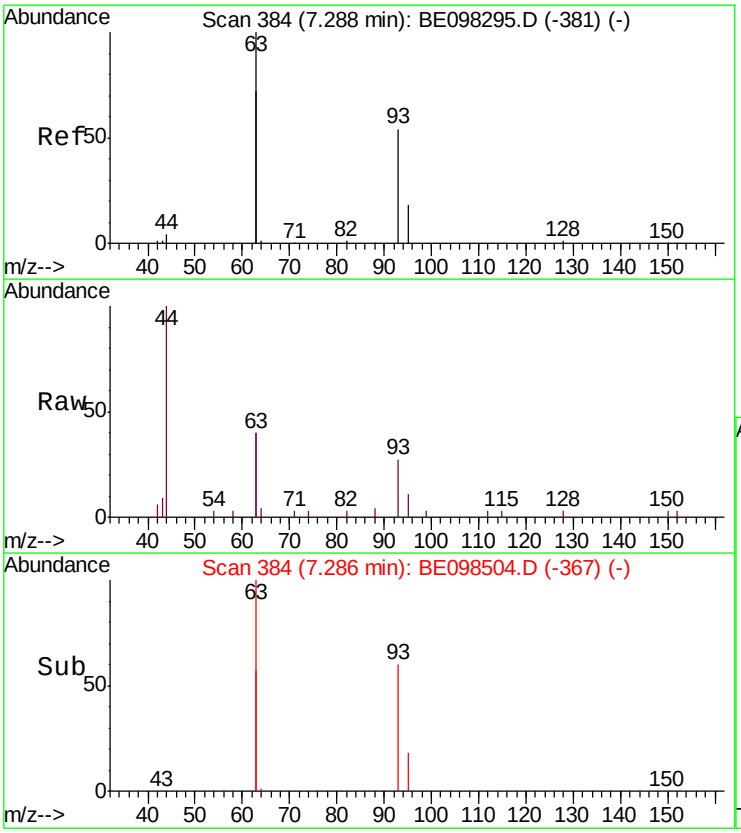
#5
Phenol-d6
Concen: 0.461 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1103

Ion	Ratio	Lower	Upper
99	100		
42	37.2	26.3	39.5
71	45.9	33.6	50.4

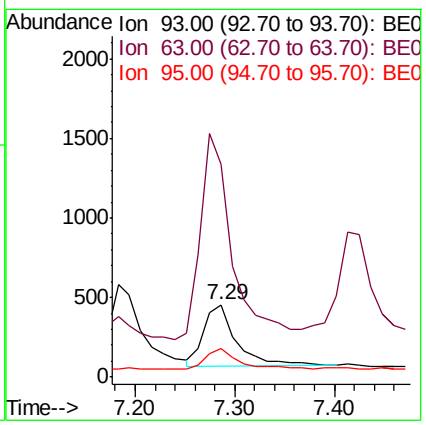


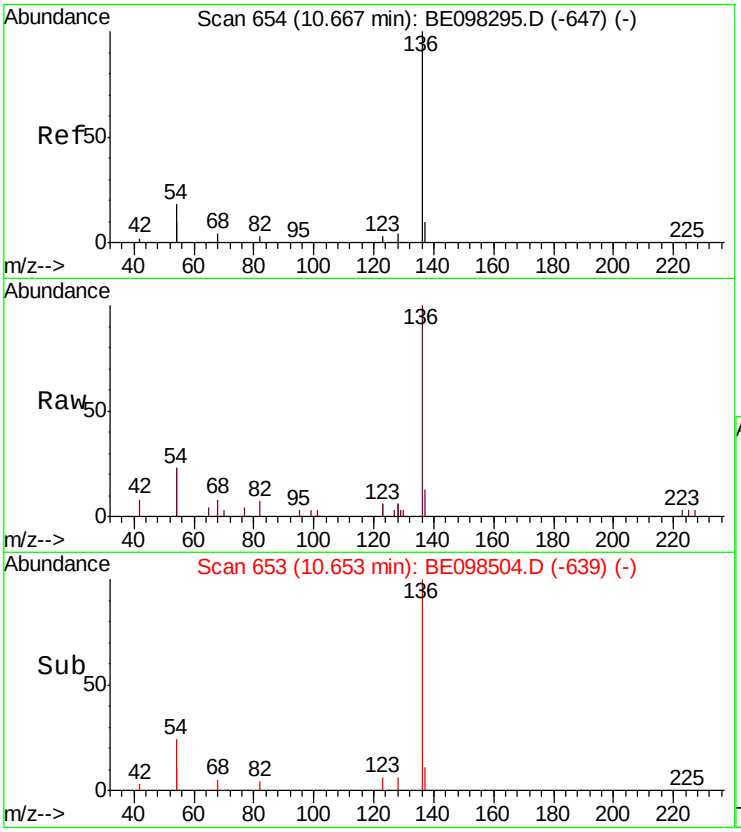


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion: 93 Resp: 884

Ion	Ratio	Lower	Upper
93	100		
63	329.9	264.4	396.6
95	33.4	26.6	40.0



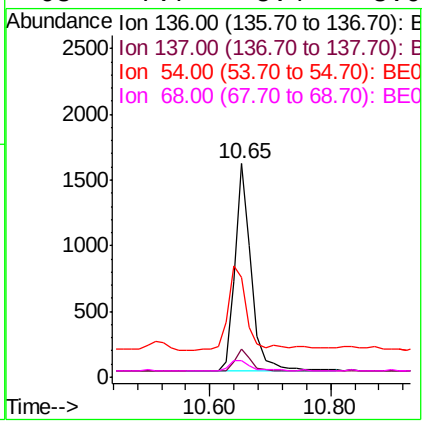


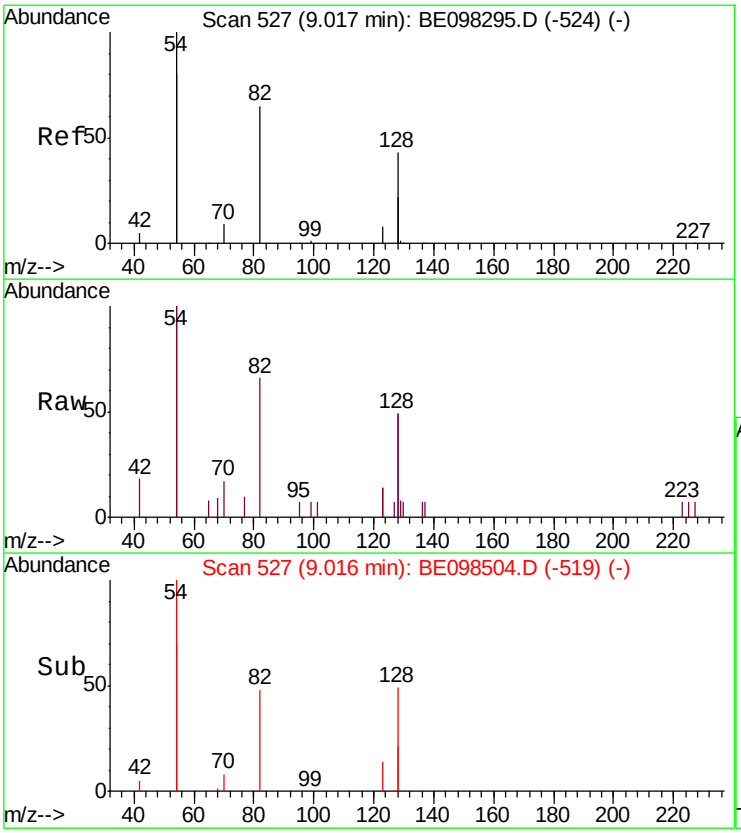
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3027

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	46.8	28.4	42.6#
68	7.7	5.4	8.0

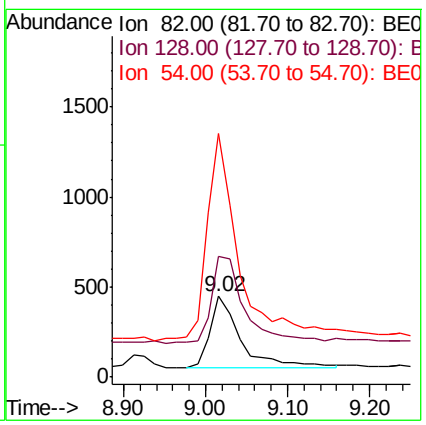


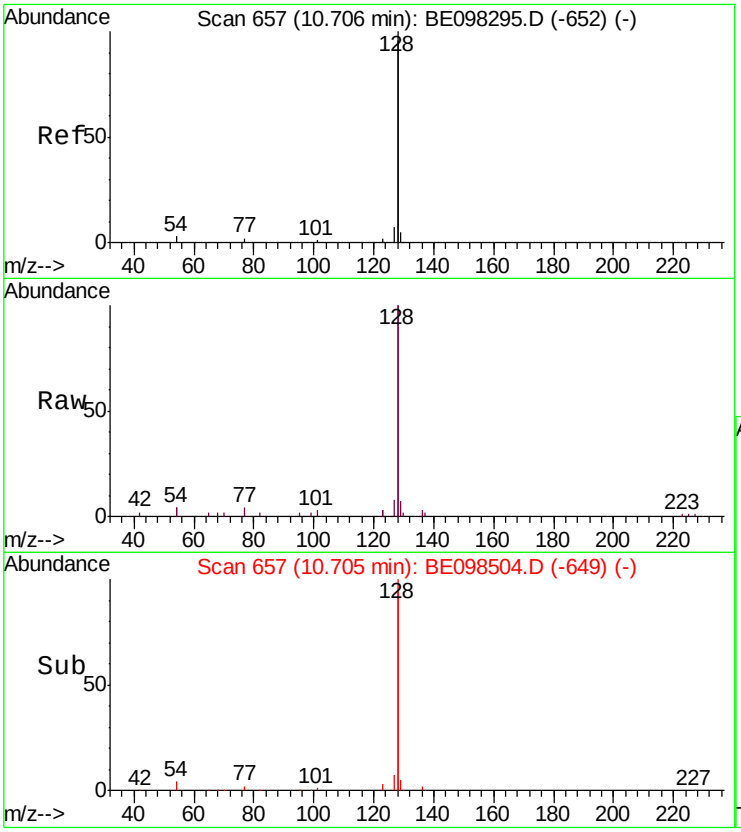


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion: 82 Resp: 1035

Ion	Ratio	Lower	Upper
82	100		
128	148.8	102.4	153.6
54	301.1	221.8	332.8



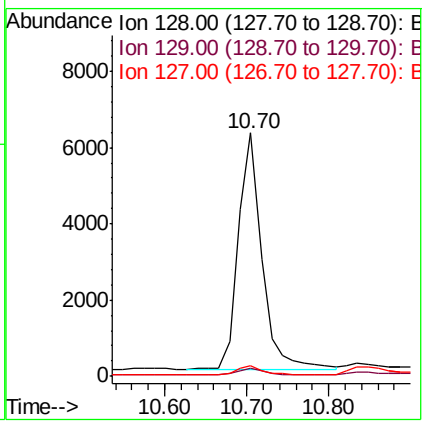


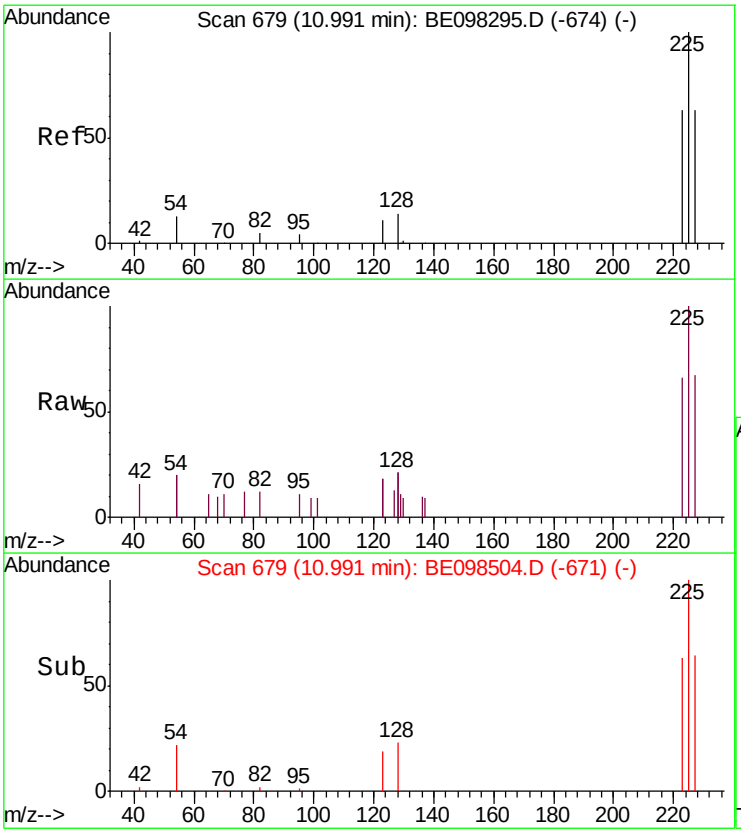
#9
Naphthalene
Concen: 0.403 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12274

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

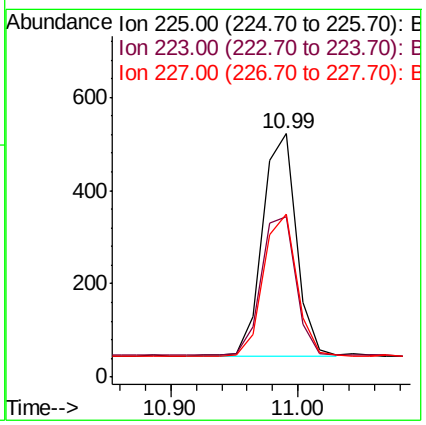


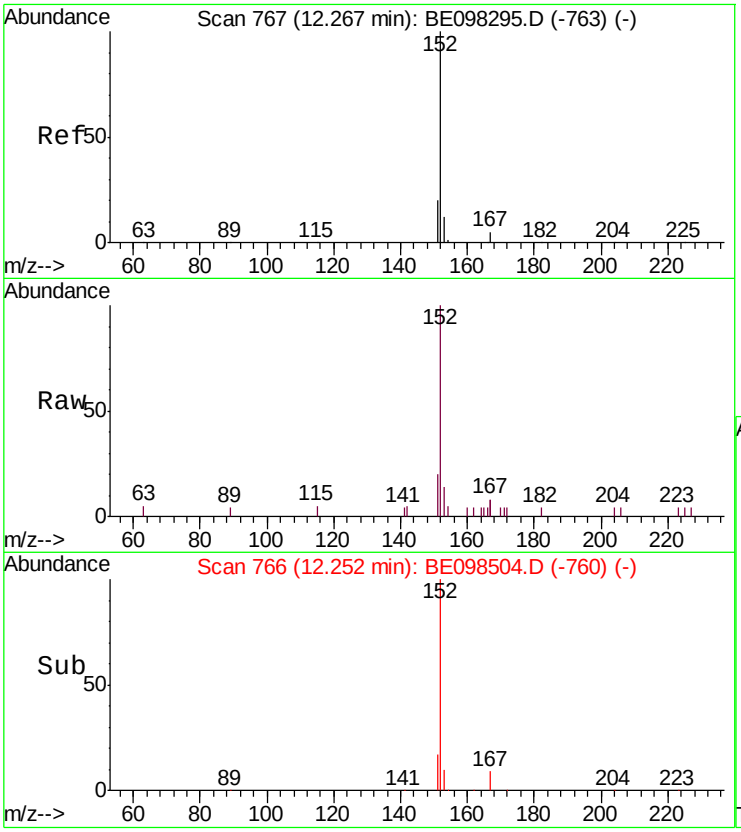


#10
Hexachlorobutadiene
Concen: 0.450 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:225 Resp: 873

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.4	74.0
227	63.2	52.0	78.0



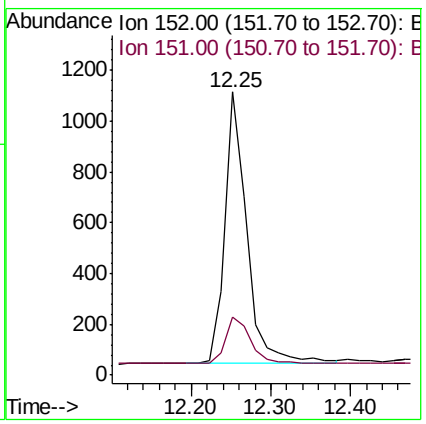


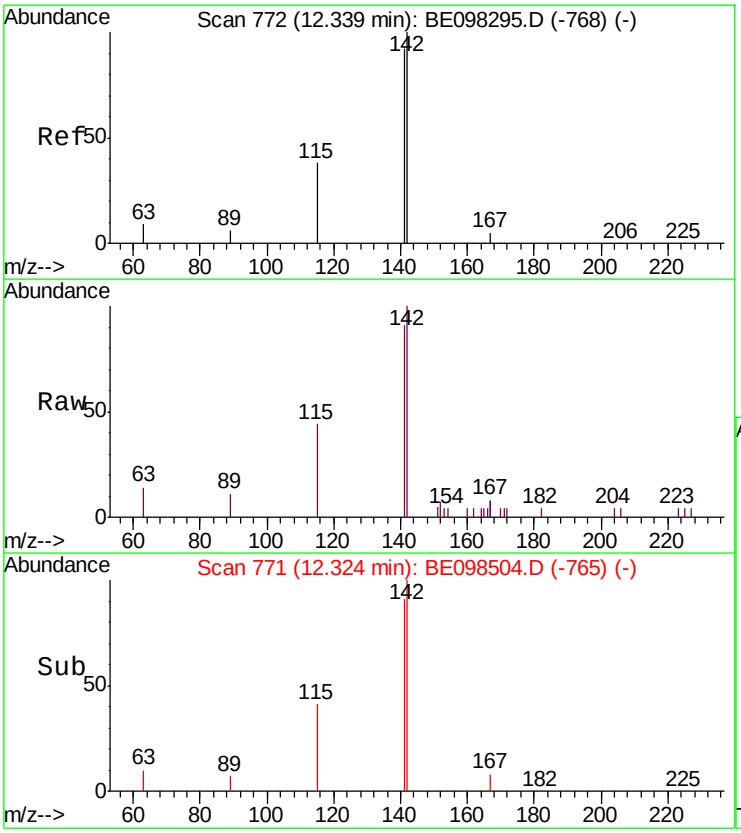
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2033

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

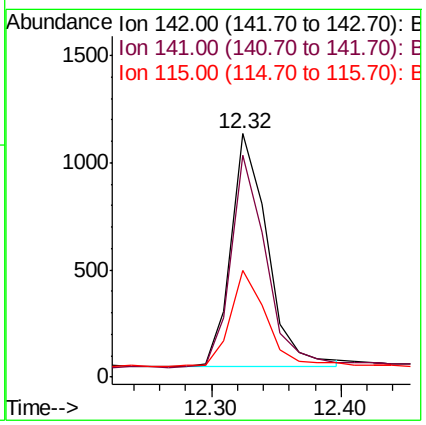


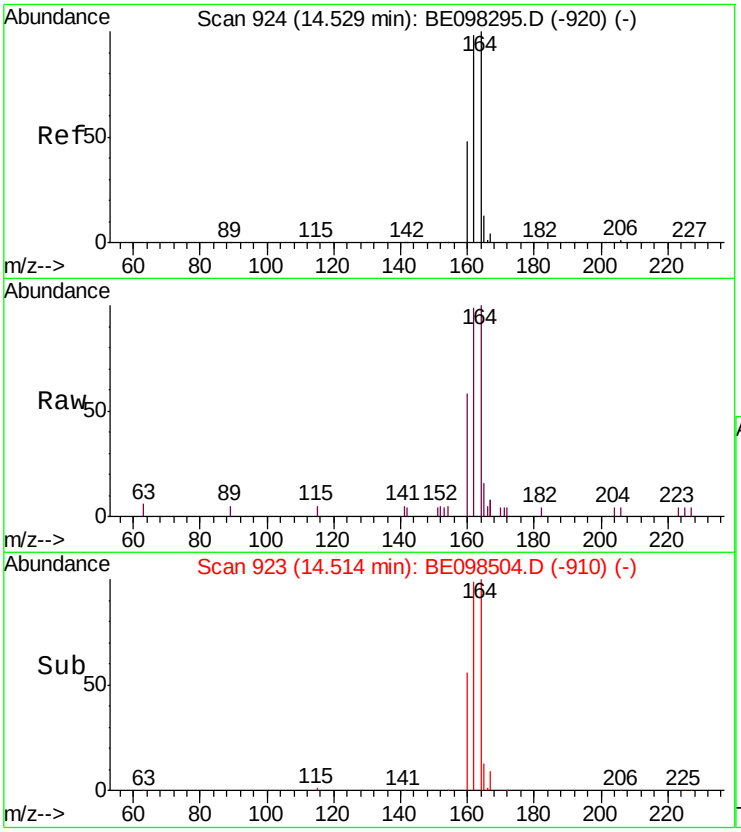


#12
2-Methylnaphthalene
Concen: 0.431 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:142 Resp: 2134

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.6
115	44.0	32.2	48.2



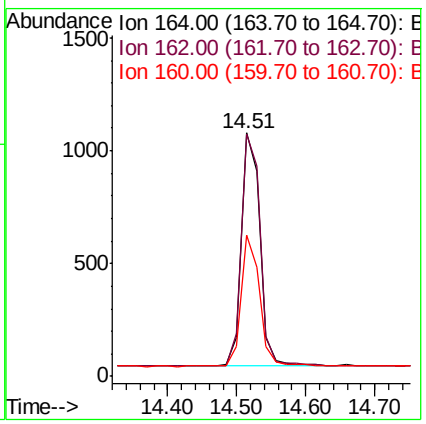


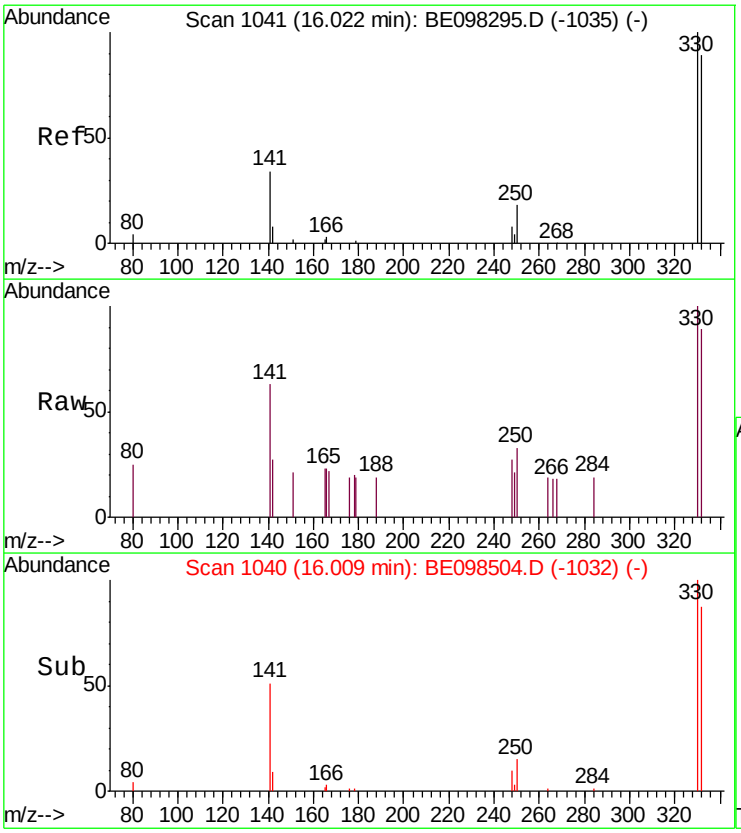
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1934

Ion	Ratio	Lower	Upper
164	100		
162	99.4	77.6	116.4
160	58.1	36.0	54.0#

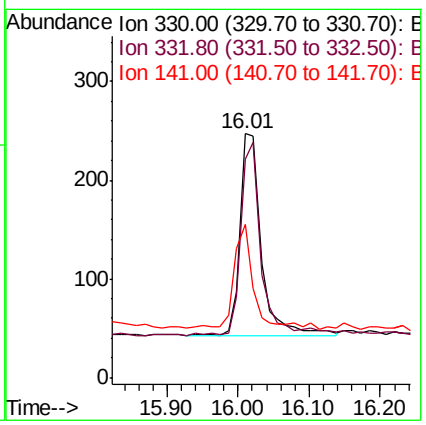


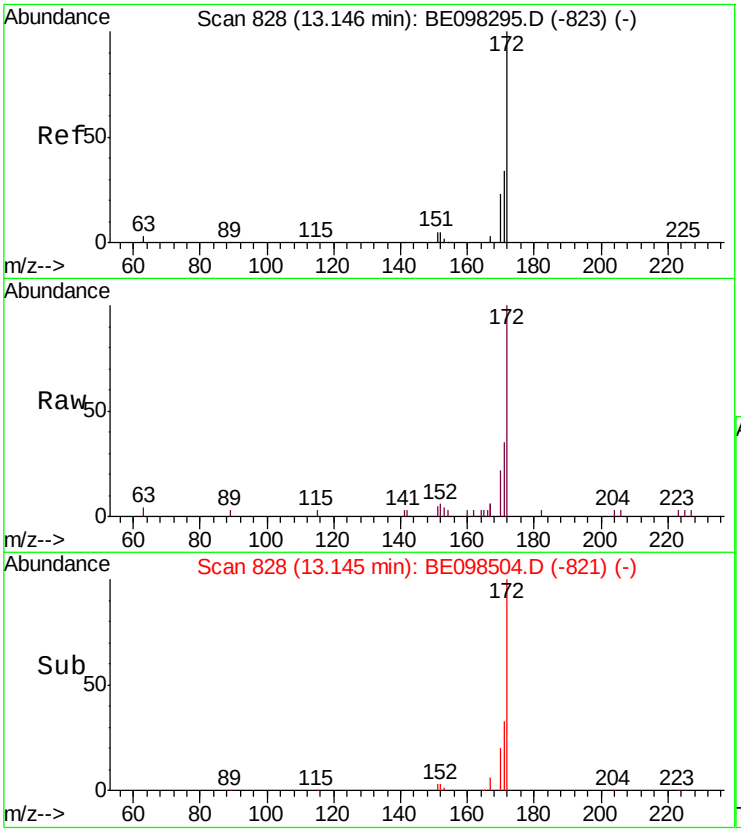


#14
2,4,6-Tribromophenol
Concen: 0.600 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:330 Resp: 426

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	46.0	39.0	58.4



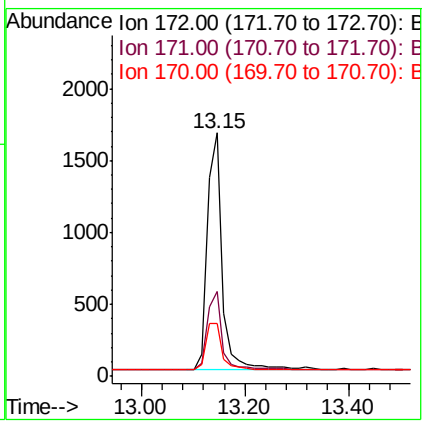


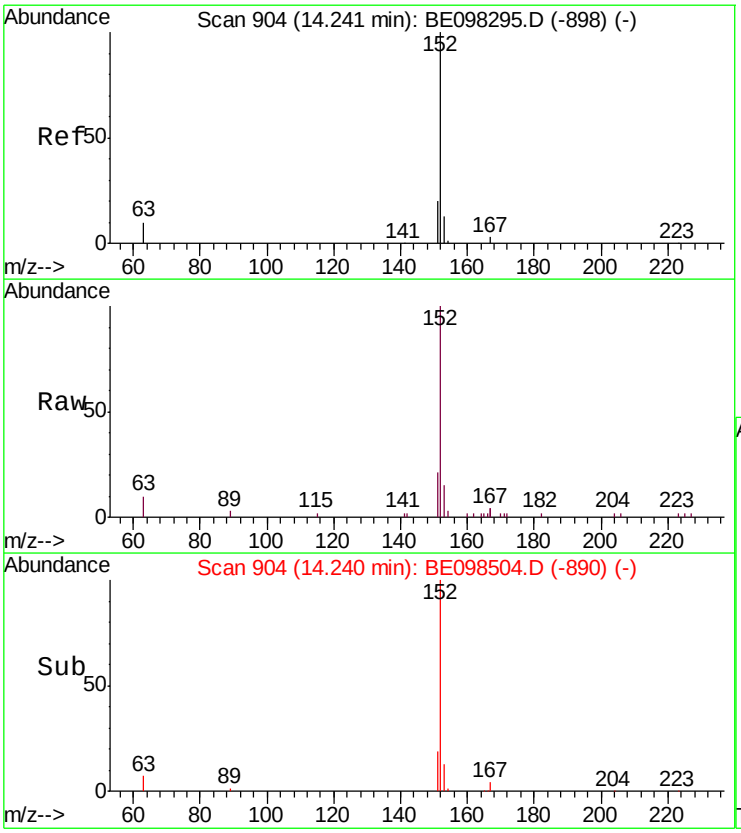
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3370

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	21.8	19.6	29.4

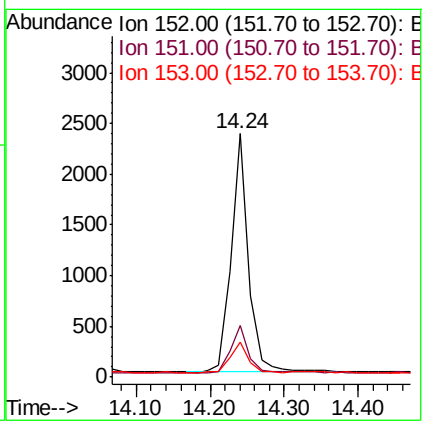


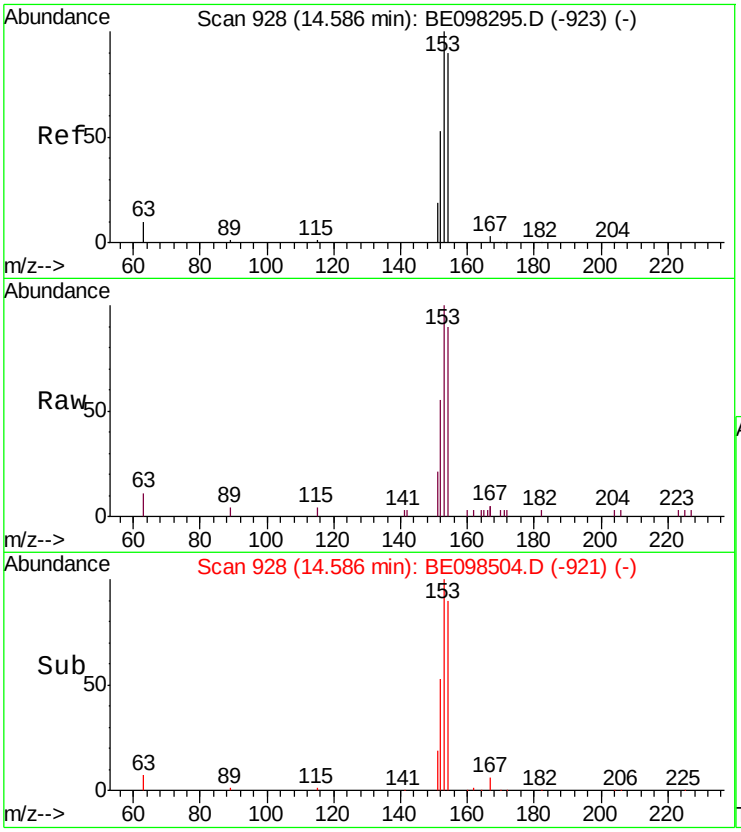


#16
Acenaphthylene
Concen: 0.422 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:152 Resp: 3824

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.6	16.0



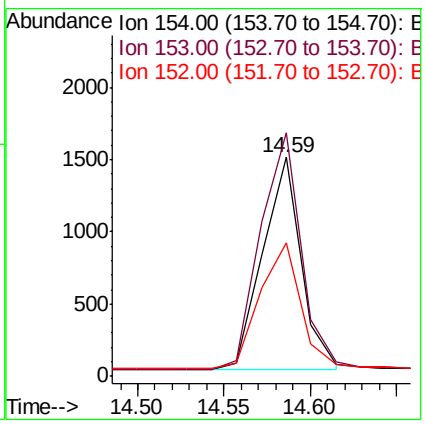


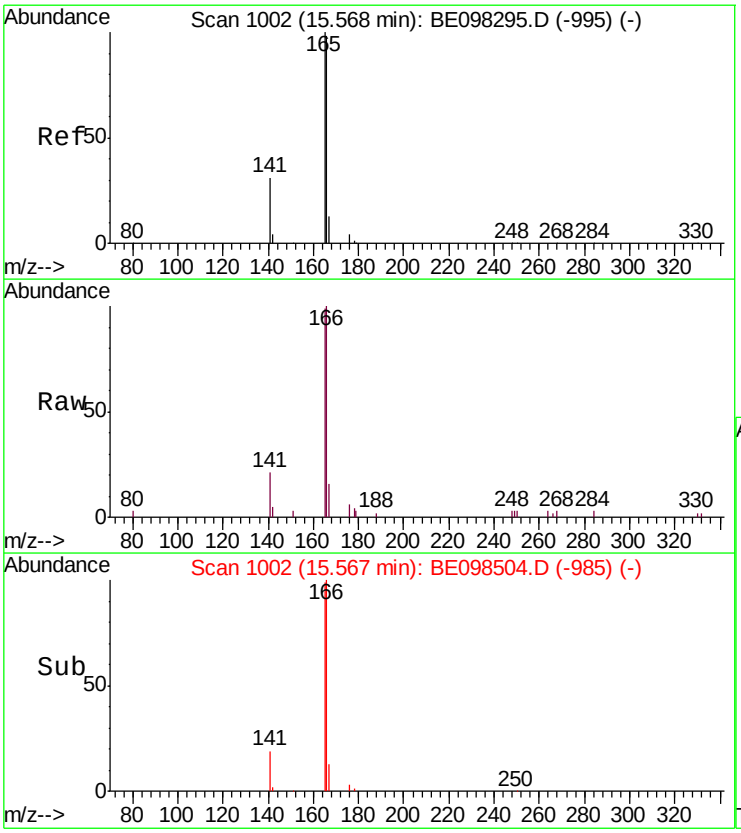
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2297

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.8	137.6
152	63.1	45.5	68.3

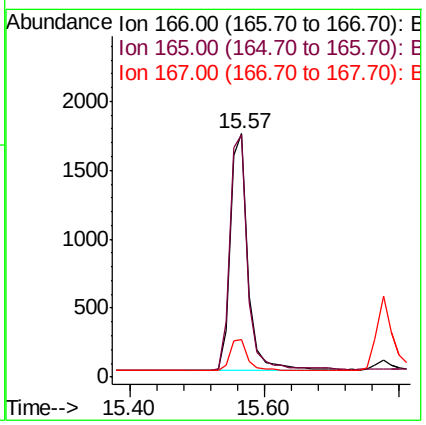


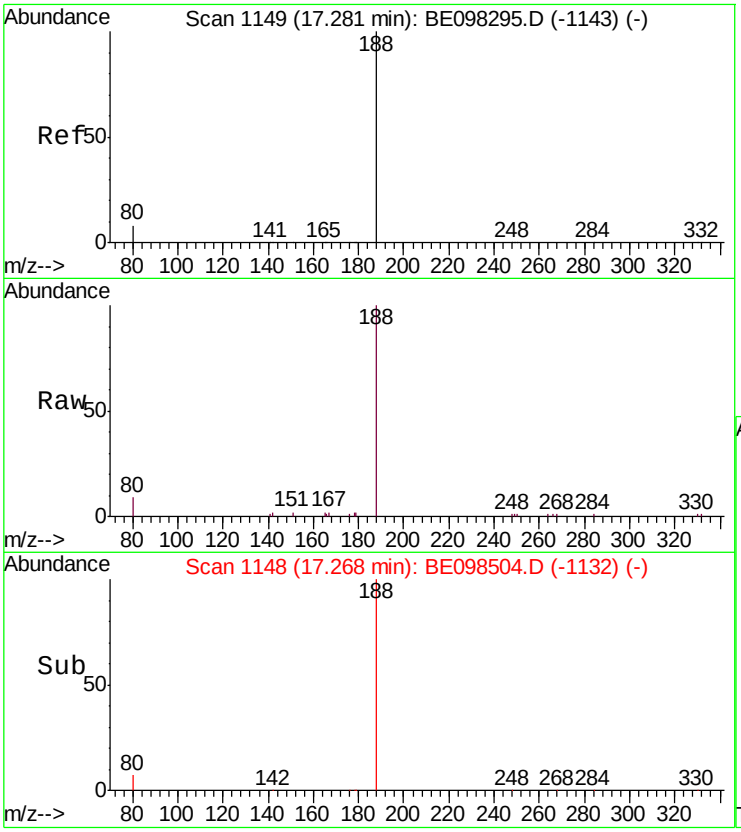


#18
Fluorene
Concen: 0.434 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:166 Resp: 3164

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.3	118.9
167	14.1	11.3	16.9



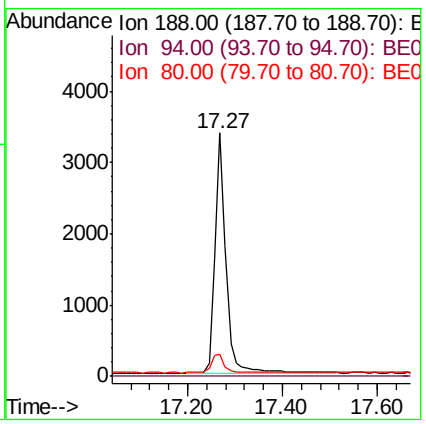


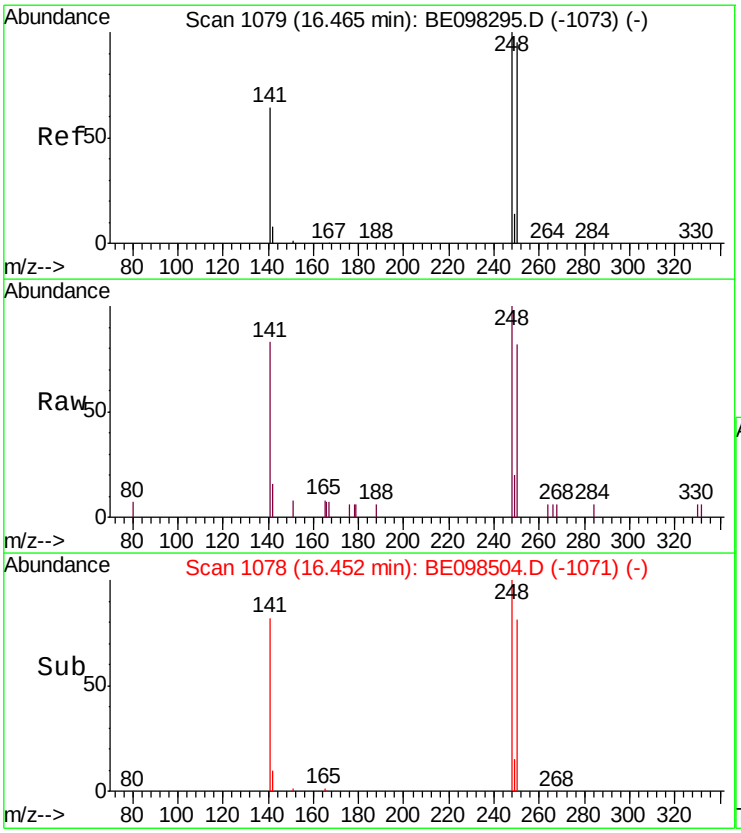
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5619

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

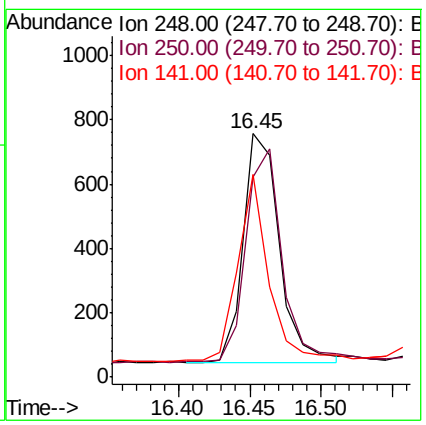


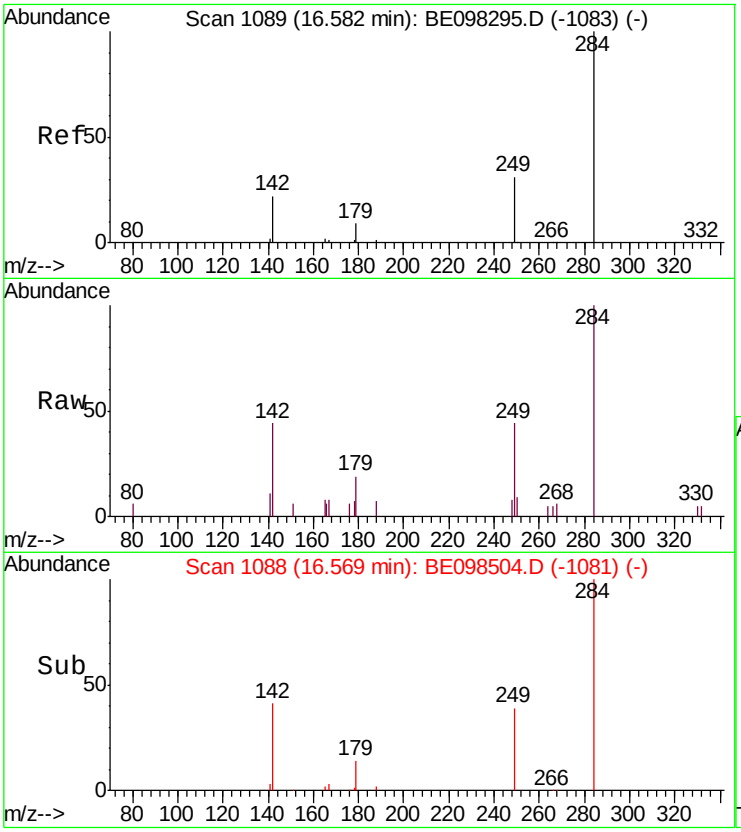


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:248 Resp: 1252

Ion	Ratio	Lower	Upper
248	100		
250	82.0	71.0	106.6
141	83.2	62.1	93.1



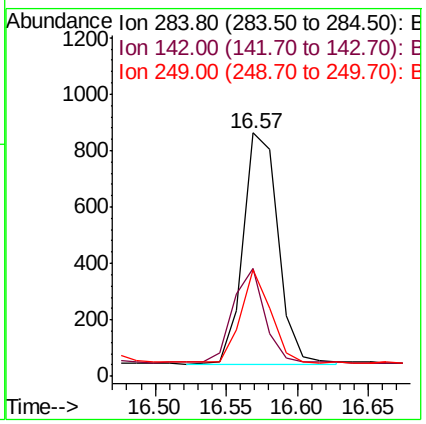


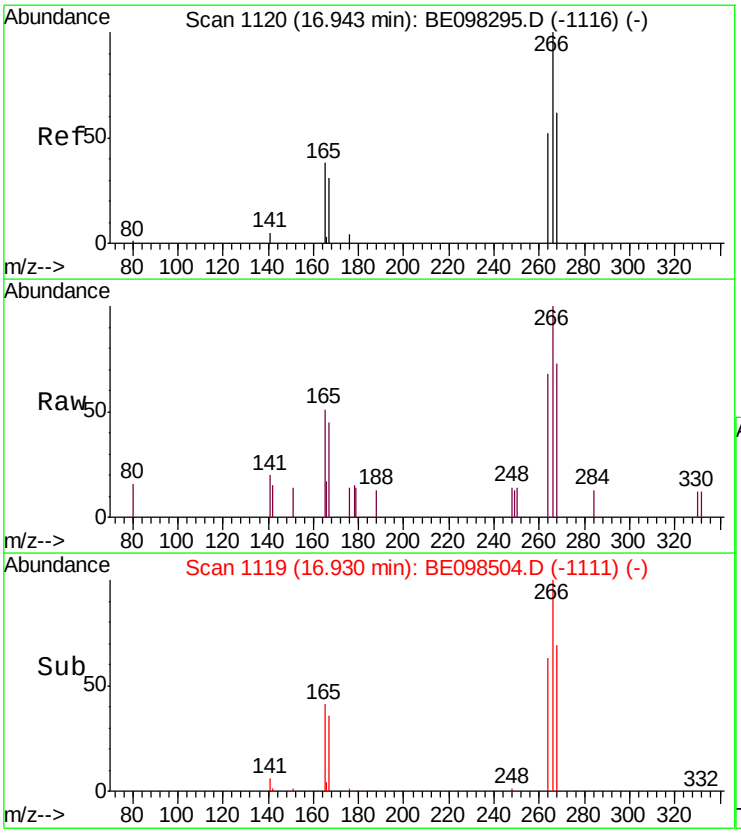
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1394

Ion	Ratio	Lower	Upper
284	100		
142	36.6	26.3	39.5
249	34.7	26.0	39.0

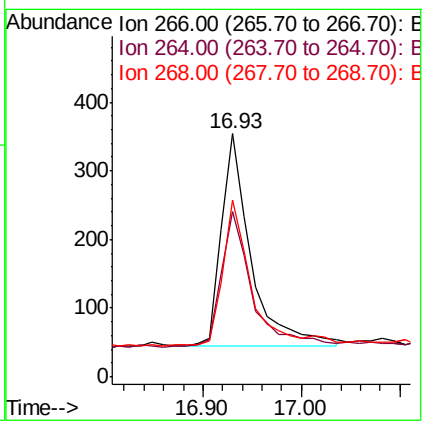


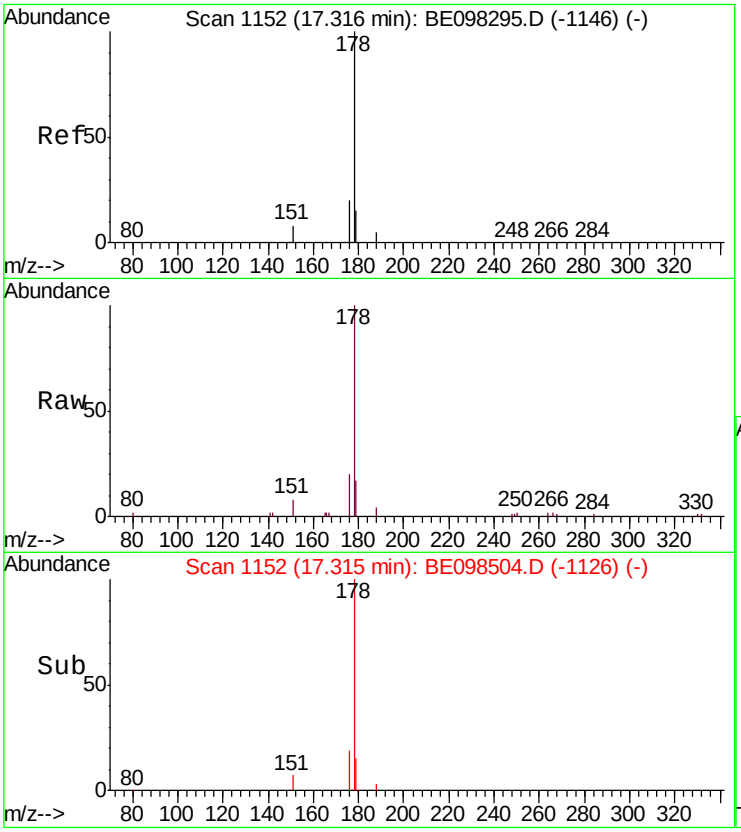


#22
Pentachlorophenol
Concen: 1.015 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:266 Resp: 641

Ion	Ratio	Lower	Upper
266	100		
264	67.8	59.0	88.4
268	72.6	55.1	82.7



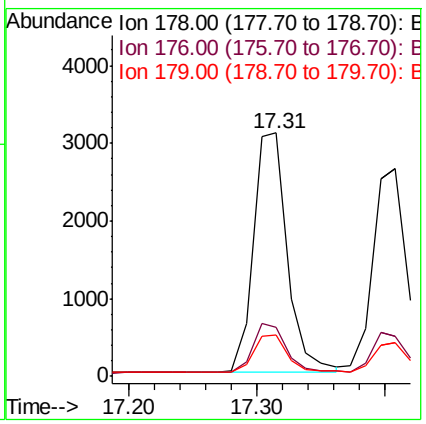


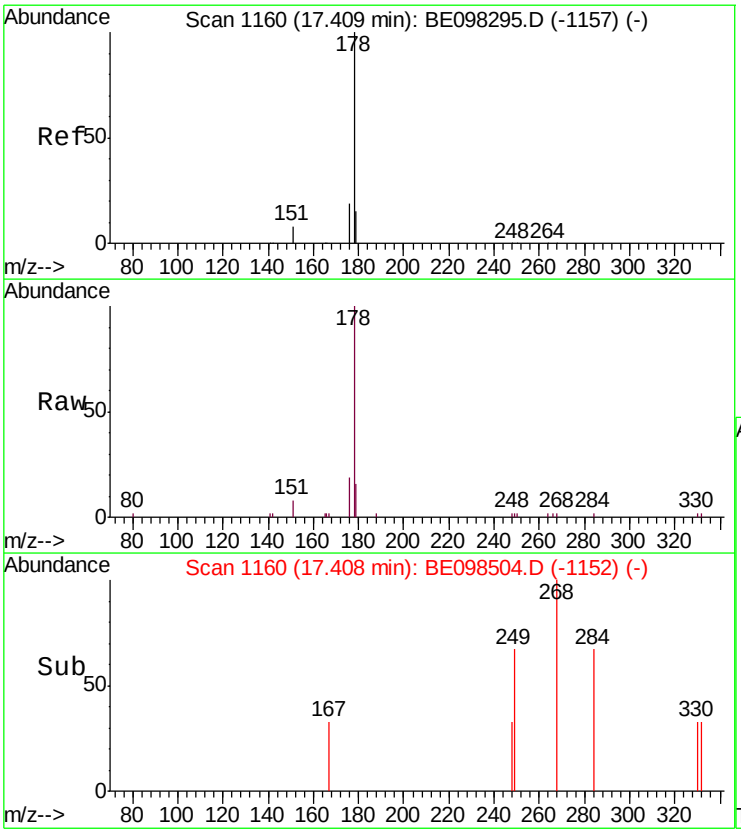
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5716

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	15.9	12.3	18.5

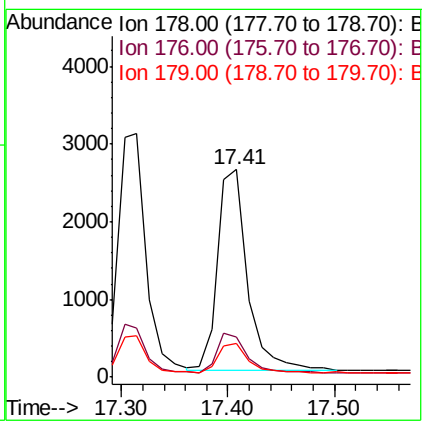


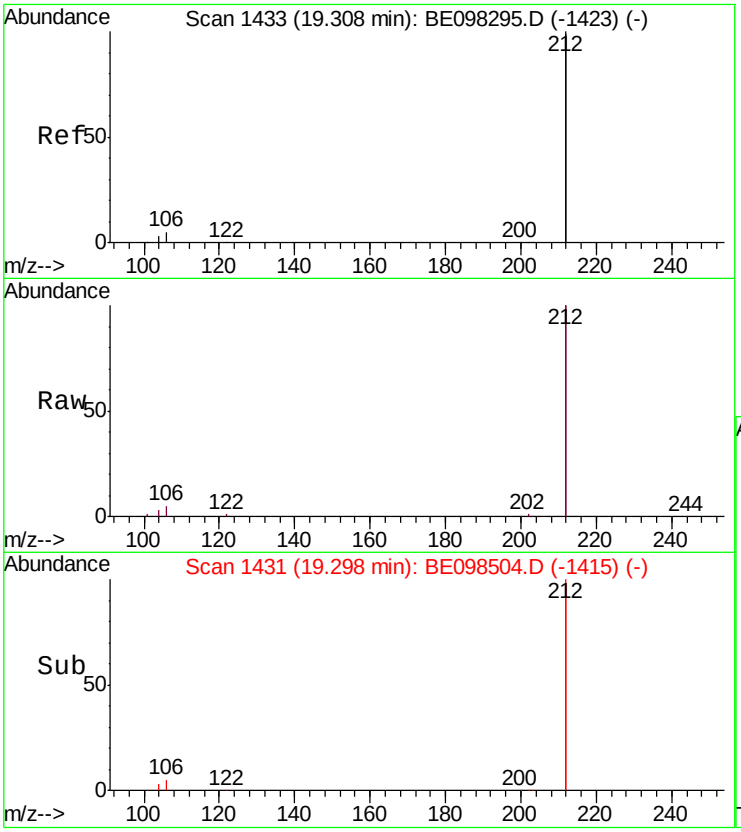


#24
Anthracene
Concen: 0.409 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:178 Resp: 4976

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	14.2	12.3	18.5



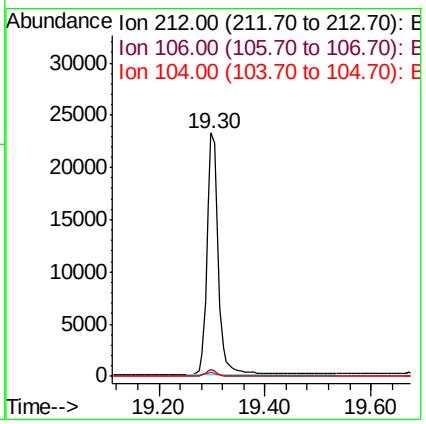


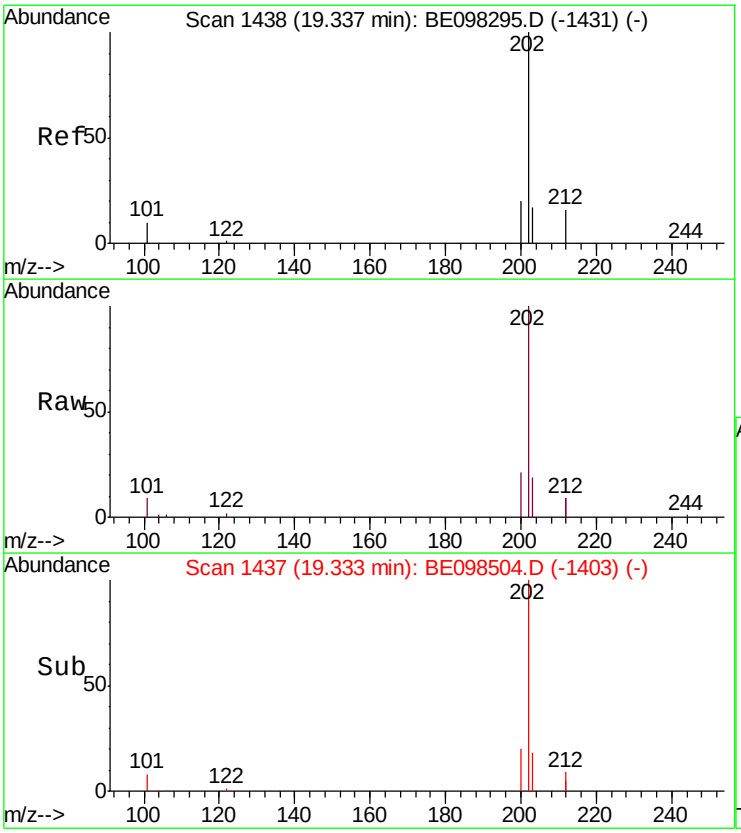
#25
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34652

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

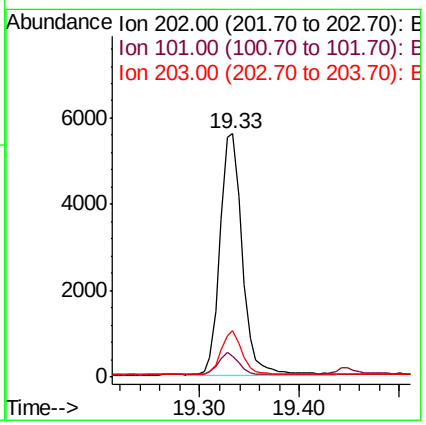


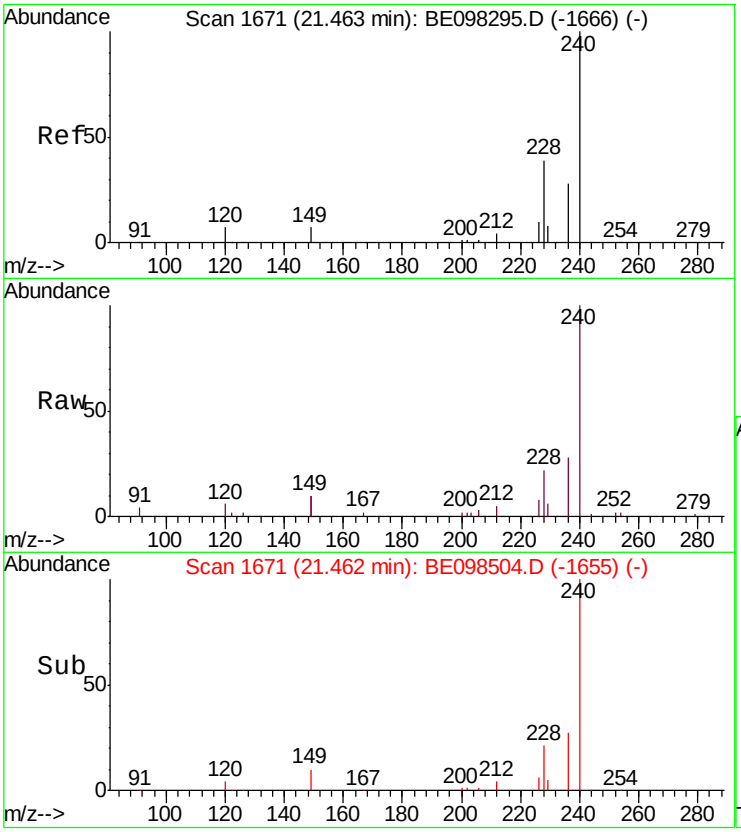


#26
Fluoranthene
Concen: 0.477 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:202 Resp: 8620

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.0	12.0
203	16.8	13.8	20.6



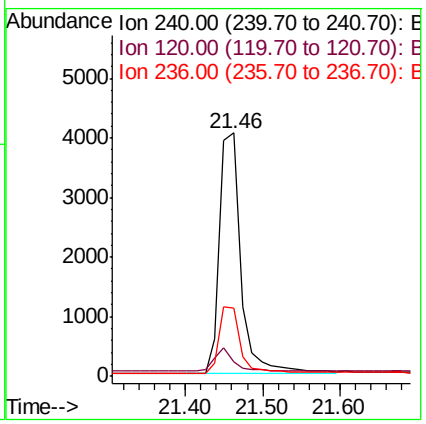


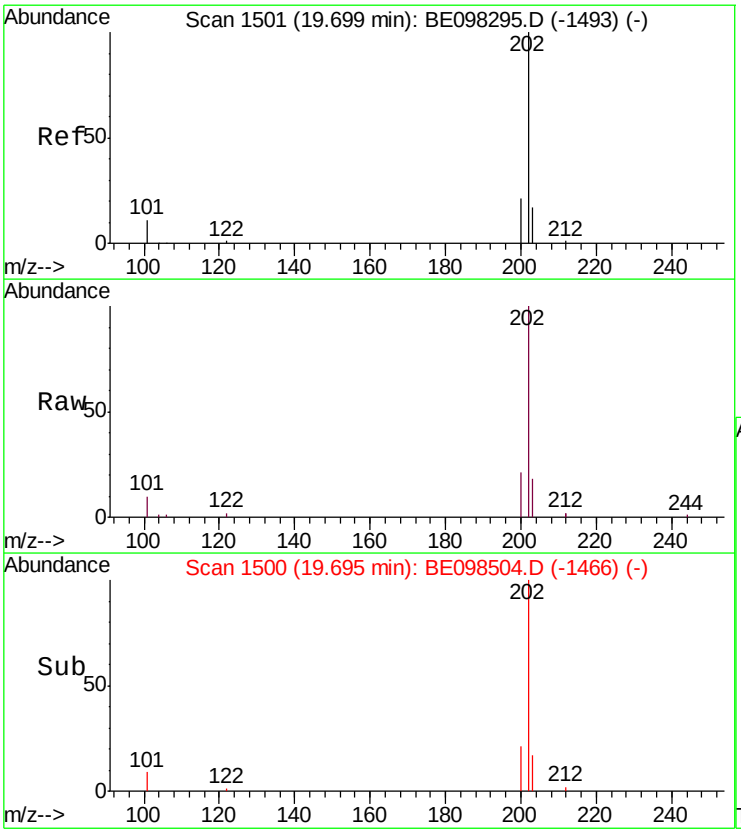
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7792

Ion	Ratio	Lower	Upper
240	100		
120	5.9	9.5	14.3#
236	28.2	22.7	34.1

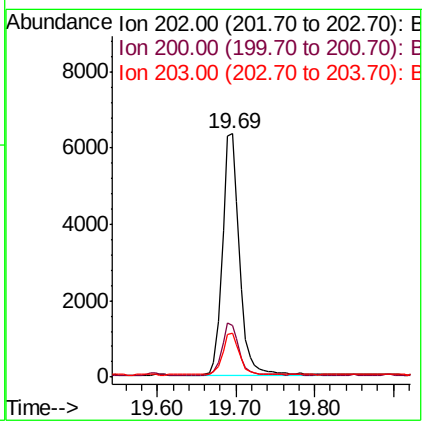


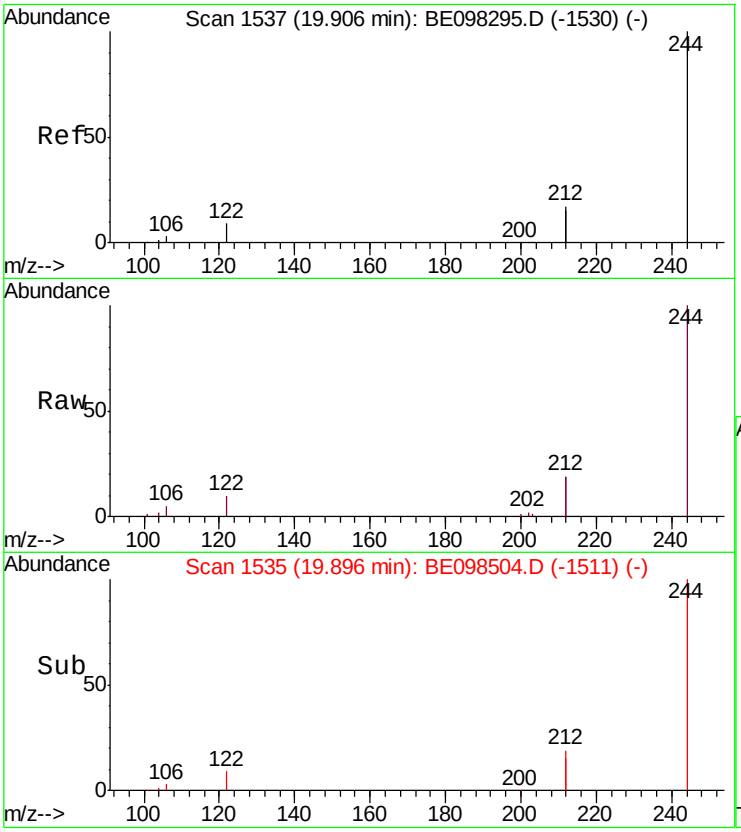


#28
Pyrene
Concen: 0.387 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:202 Resp: 9473

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.2	14.1	21.1



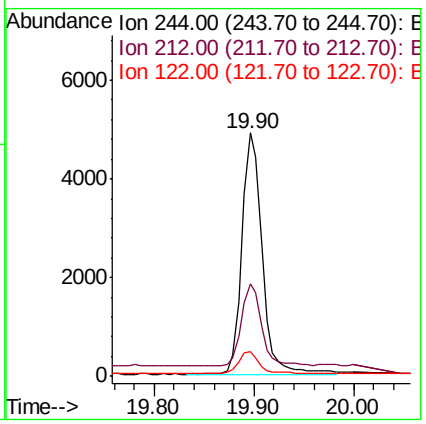


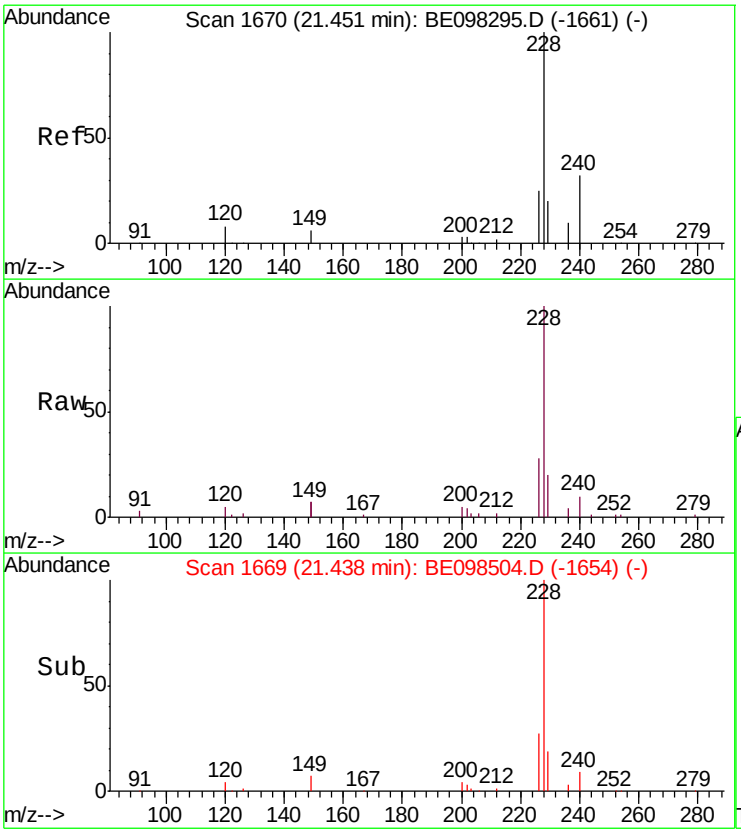
#29
Terphenyl-d14
Concen: 0.363 ng
RT: 19.90 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6875

Ion	Ratio	Lower	Upper
244	100		
212	38.2	27.4	41.0
122	10.4	8.3	12.5

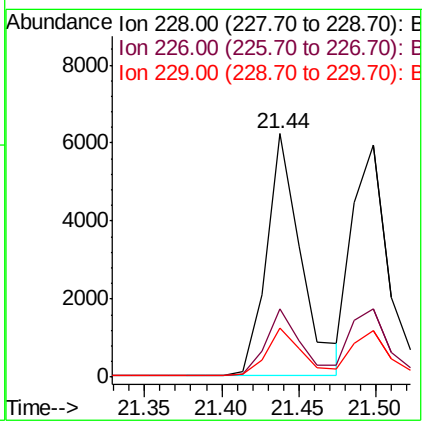


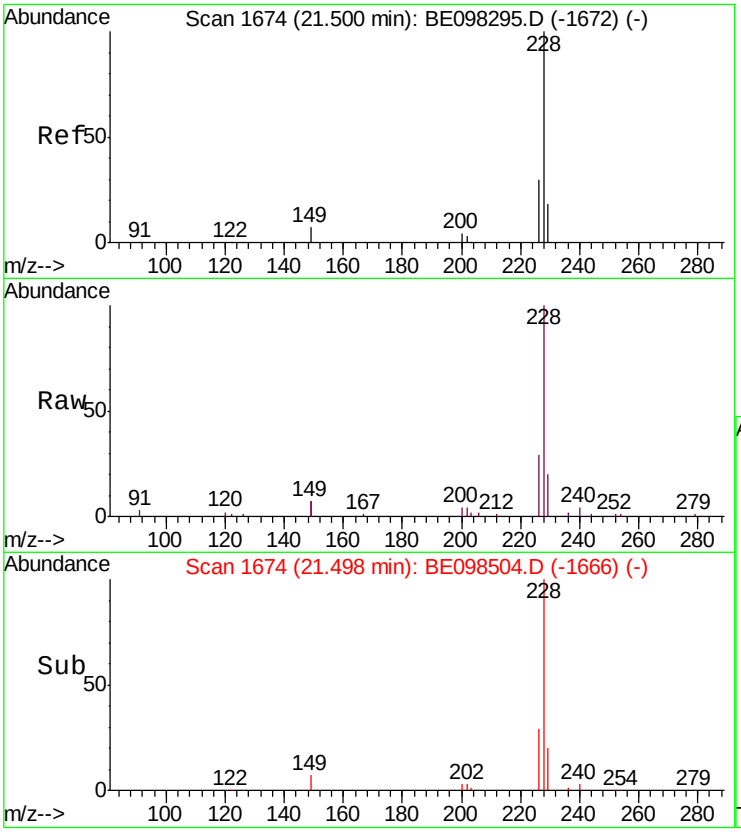


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:228 Resp: 9674

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.2	16.3	24.5



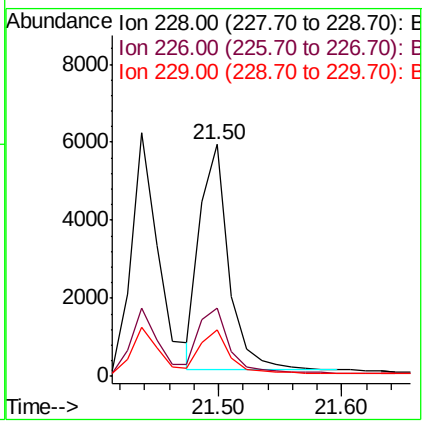


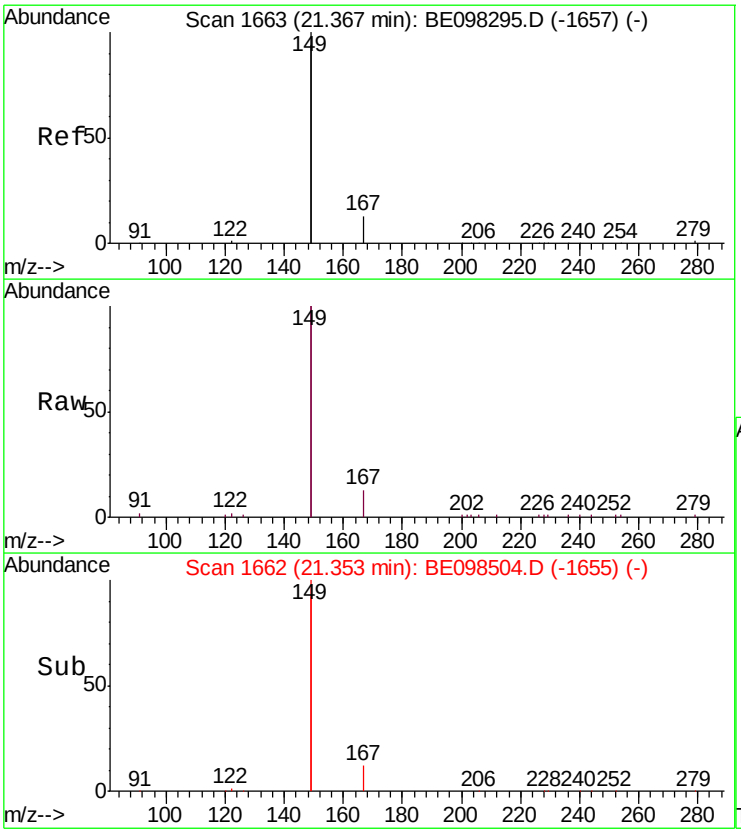
#31
Chrysene
Concen: 0.408 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9475

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.3	16.2	24.4

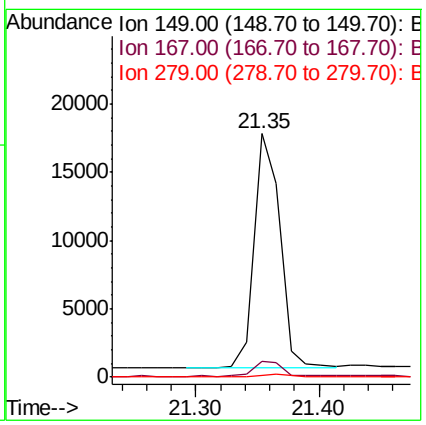


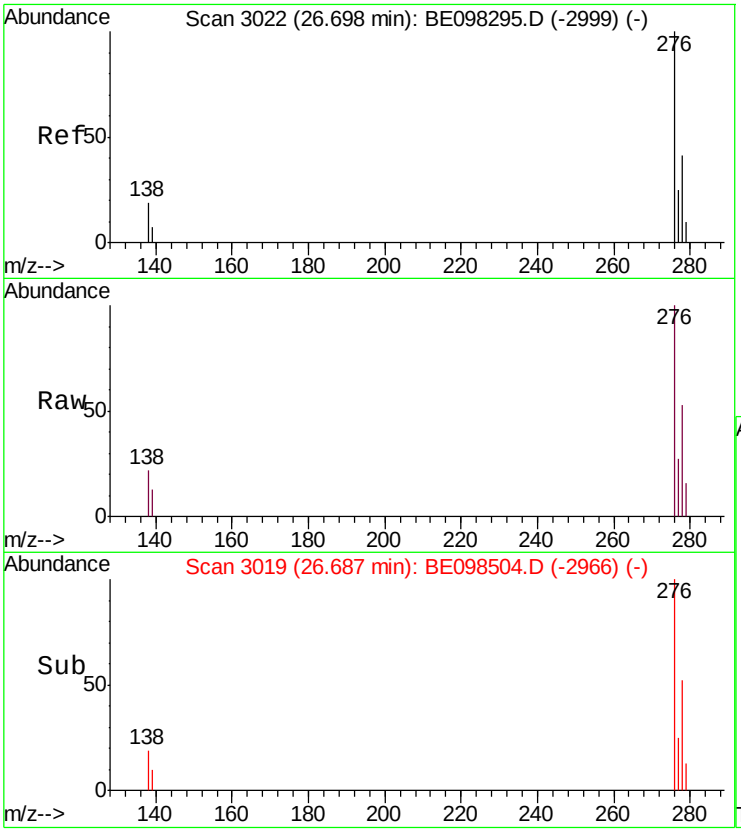


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.556 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:149 Resp: 25070

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.7	8.5
279	1.1	1.0	1.4



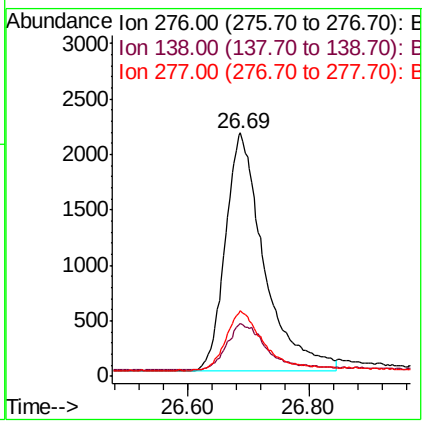


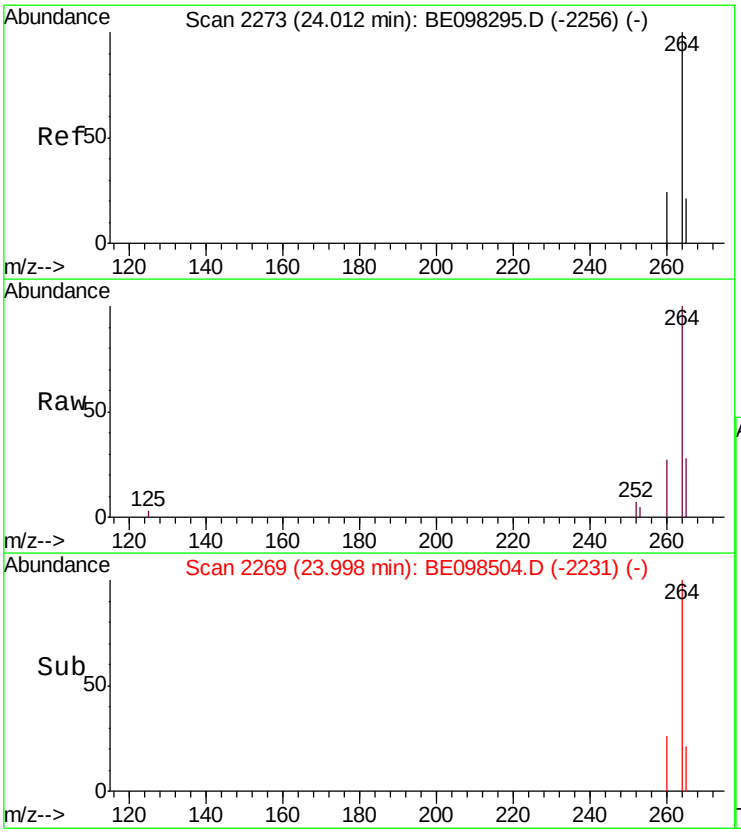
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9537

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.3	24.5
277	24.2	20.2	30.4

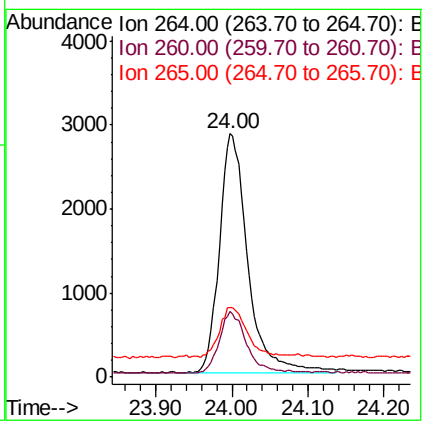


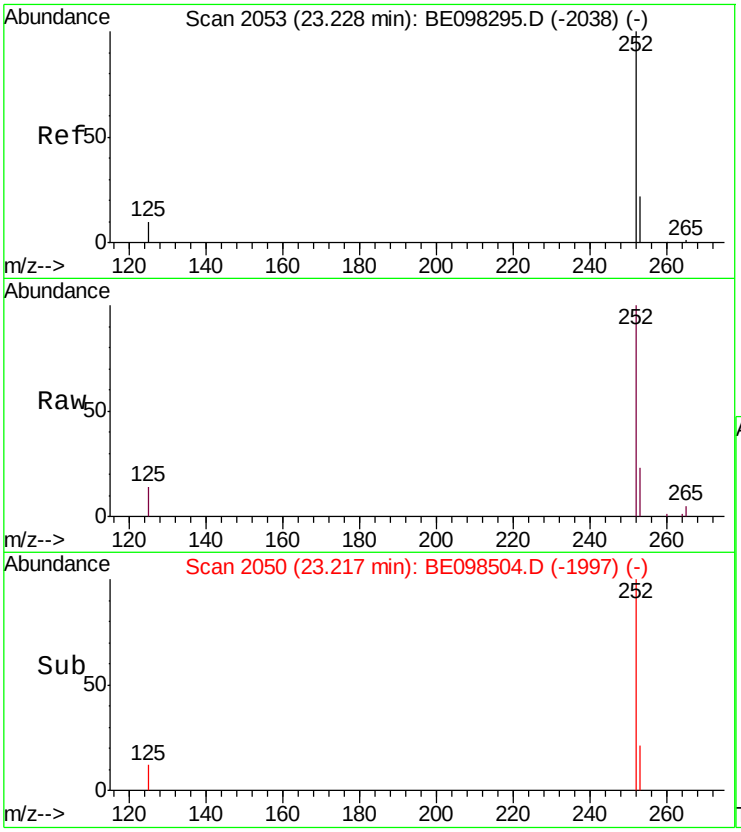


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:264 Resp: 7354

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.2	30.2
265	28.5	25.2	37.8



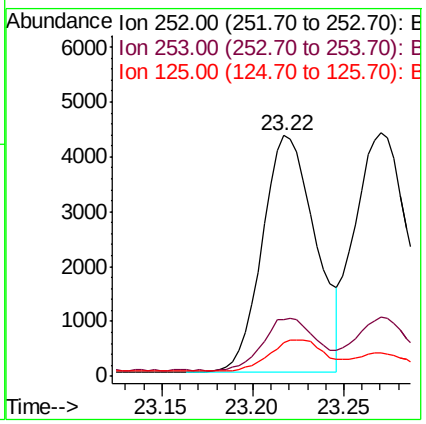


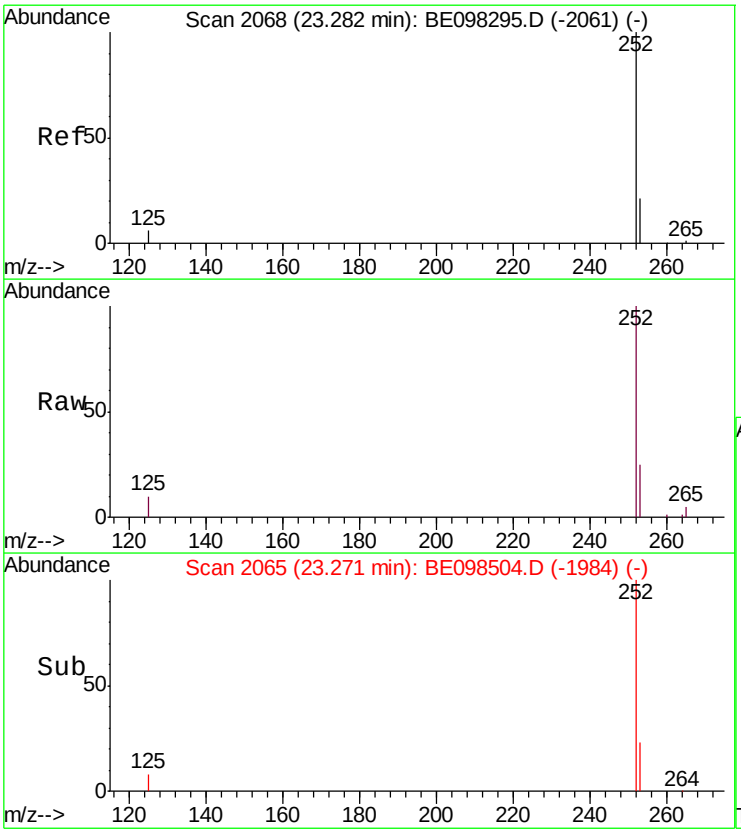
#35
Benzo(b)fluoranthene
Concen: 0.436 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8760

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	13.8	9.6	14.4

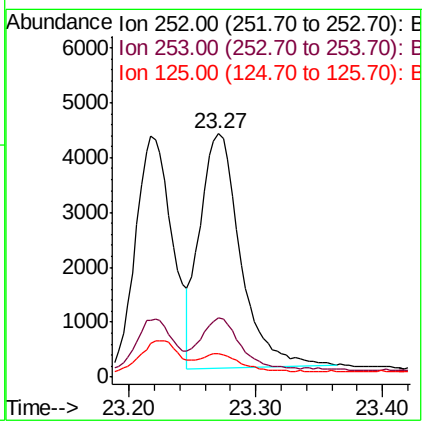


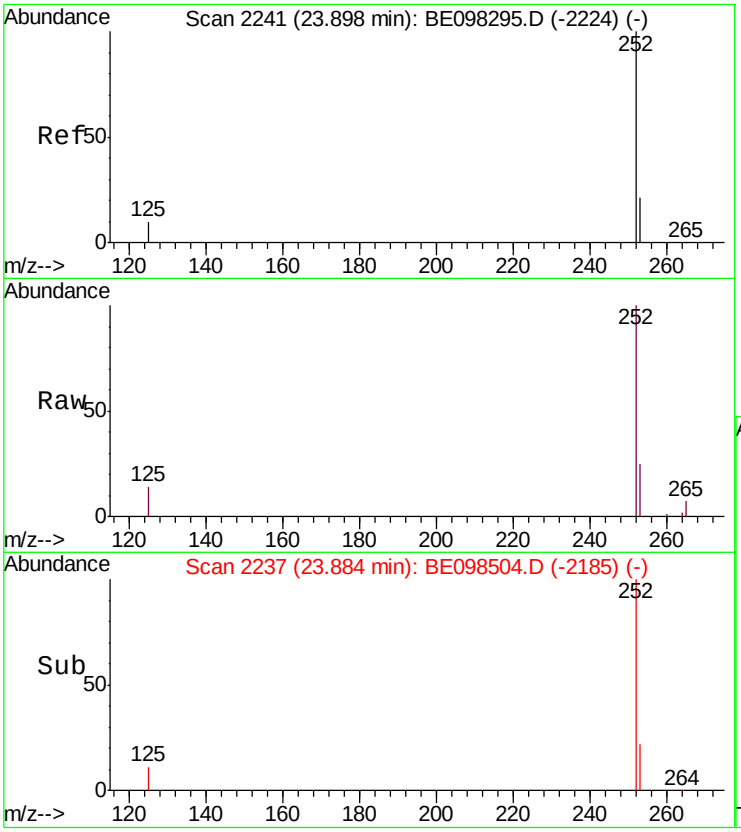


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:252 Resp: 9513

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	9.8	9.1	13.7



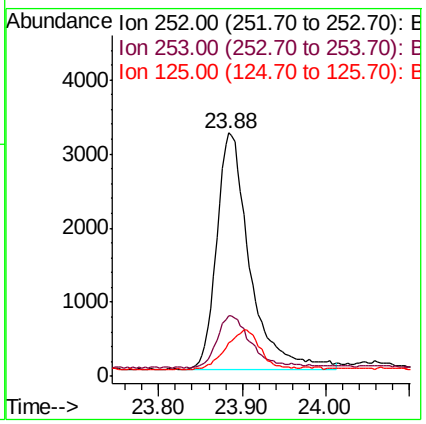


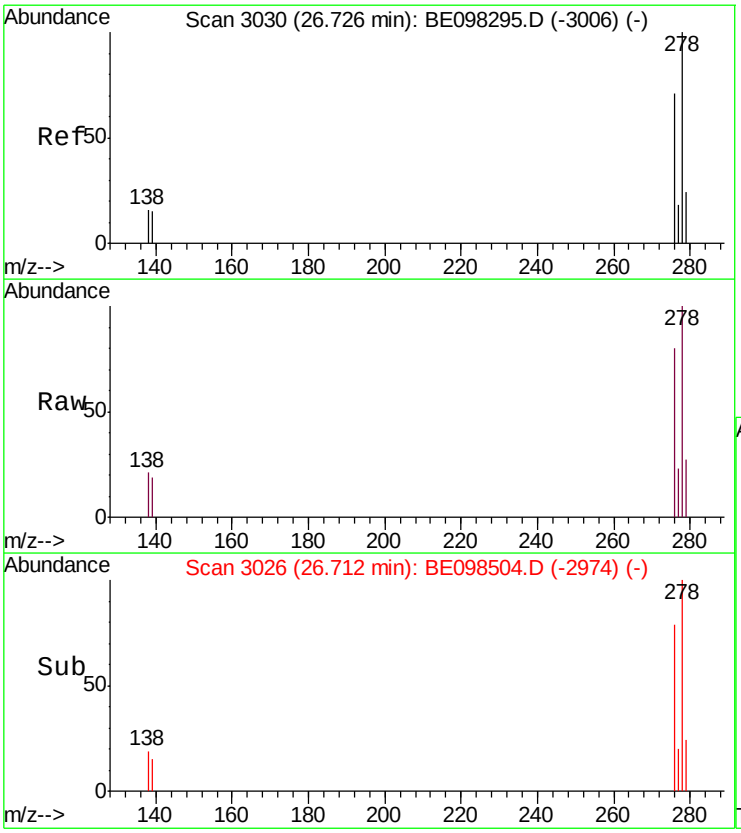
#37
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.88 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8807

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	13.6	10.5	15.7

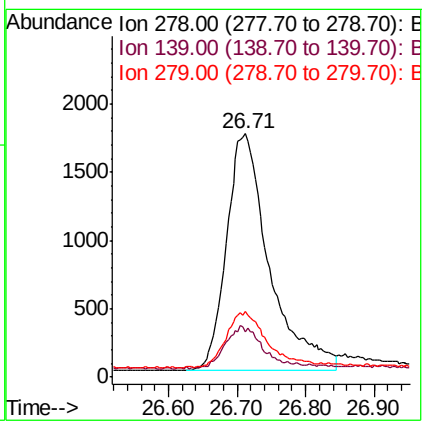


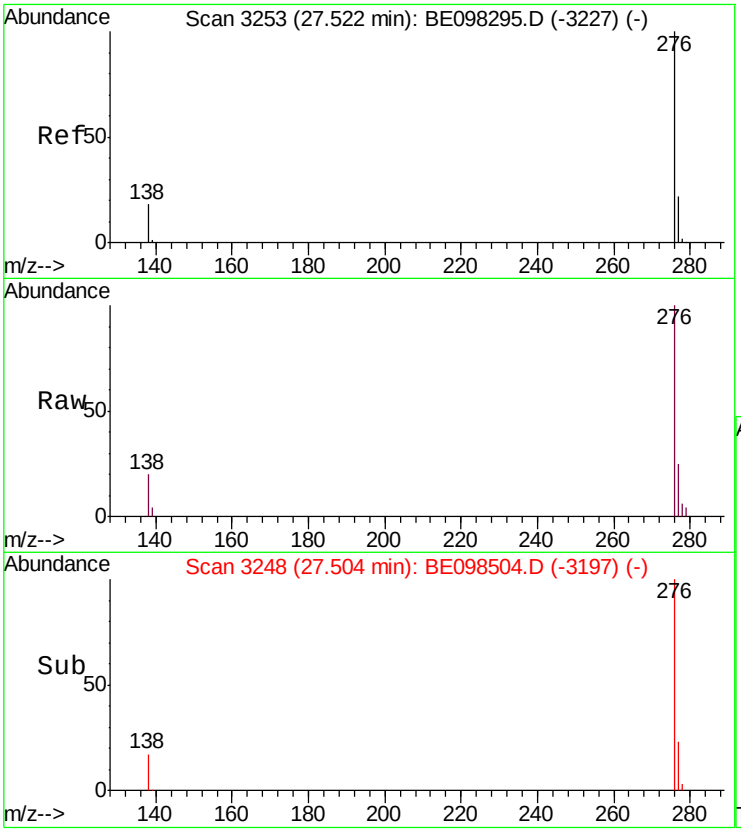


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.71 min Scan# 3026
Delta R.T. -0.01 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Tgt Ion:278 Resp: 7526

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.5	21.7
279	26.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098504.D
Acq: 16 Dec 2018 13:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8212

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.8	31.2
138	19.9	15.8	23.6