Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
Data File : BE098298.D
Acq On : 10 Dec 2018 14:17
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Dec 10 14:56:03 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 13:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1732	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	7374	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	4590	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	12739	0.40	ng		0.00
27) Chrysene-d12	21.46	240	13270	0.40	ng		0.00
34) Perylene-d12	24.01	264	11714	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	13694	2.96	ng		0.00
5) Phenol-d6	7.04	99	20546	3.15	ng		-0.01
8) Nitrobenzene-d5	9.02	82	23801	3.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	39084	3.26	ng		-0.01
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	13.15	172	58958	3.10	ng		0.00
25) Fluoranthene-d10	19.31	212	541775	3.15	ng		0.00
29) Terphenyl-d14	19.90	244	106373	3.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	8814	2.744	ng		97
3) n-Nitrosodimethylamine	3.67	42	10104	3.039	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	18403	3.069	ng		95
9) Naphthalene	10.71	128	235726	3.182	ng		99
10) Hexachlorobutadiene	10.99	225	14831	3.121	ng		98
12) 2-Methylnaphthalene	12.34	142	40018	3.253	ng		98
16) Acenaphthylene	14.24	152	71988	3.360	ng		99
17) Acenaphthene	14.59	154	43264	3.389	ng		99
18) Fluorene	15.57	166	59047	3.488	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	22926	3.180	ng	#	83
21) Hexachlorobenzene	16.58	284	23261	3.119	ng		97
22) Pentachlorophenol	16.93	266	7116	2.944	ng		90
23) Phenanthrene	17.31	178	100477	3.176	ng		99
24) Anthracene	17.41	178	96977	3.291	ng		100
26) Fluoranthene	19.34	202	136156	3.153	ng		100
28) Pyrene	19.70	202	138179	3.759	ng		99
30) Benzo(a)anthracene	21.44	228	124398	3.183	ng		98
31) Chrysene	21.50	228	123960	3.123	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	265768	2.840	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	124120	3.093	ng		100
35) Benzo(b)fluoranthene	23.22	252	106429	3.099	ng	#	93
36) Benzo(k)fluoranthene	23.27	252	123474	3.424	ng	#	95
37) Benzo(a)pyrene	23.89	252	107773	3.258	ng	#	92
38) Dibenzo(a,h)anthracene	26.72	278	103923	3.313	ng	#	92
39) Benzo(g,h,i)perylene	27.52	276	103283	3.286	ng		96

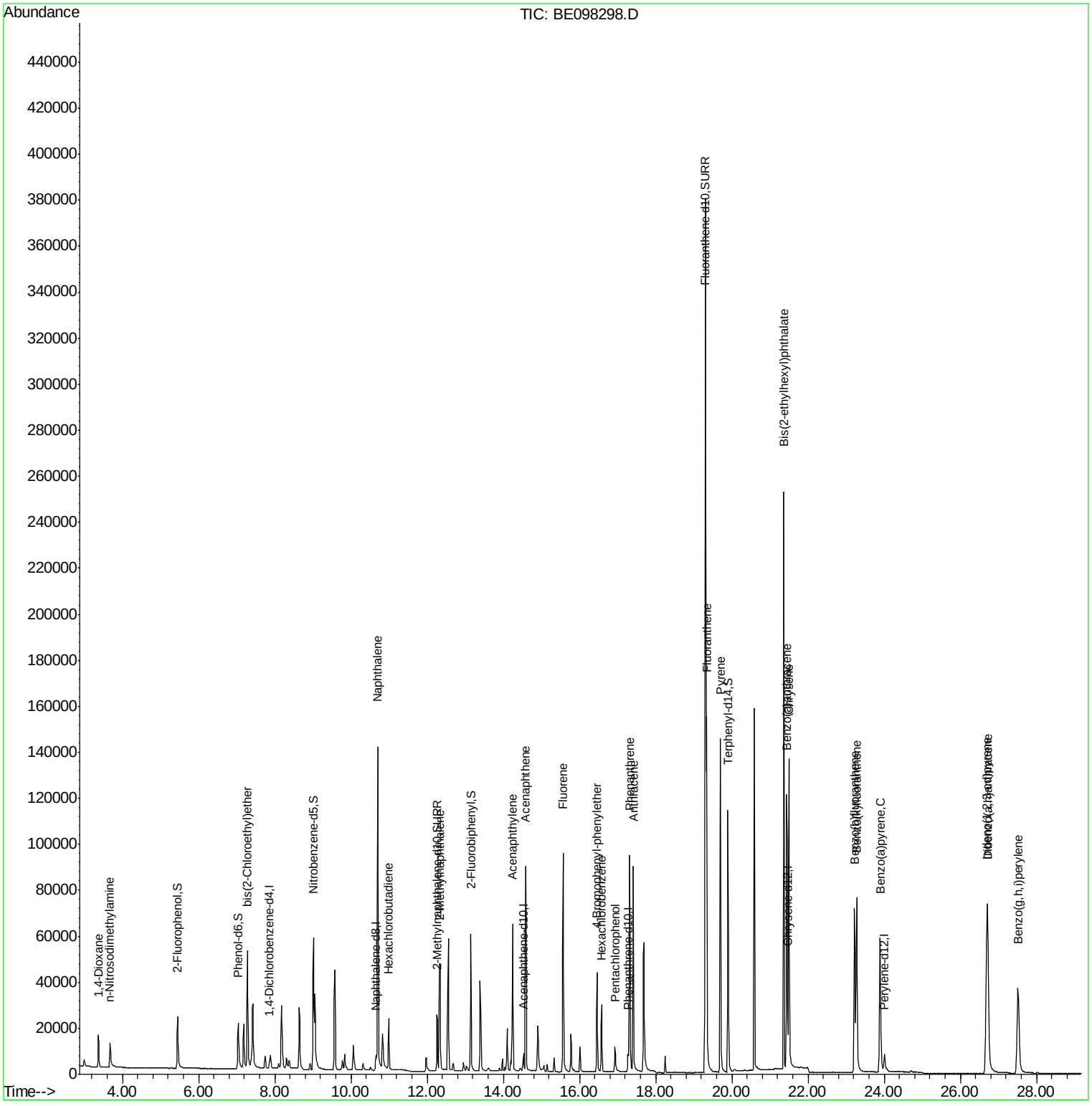
(#) = qualifier out of range (m) = manual integration (+) = signals summed

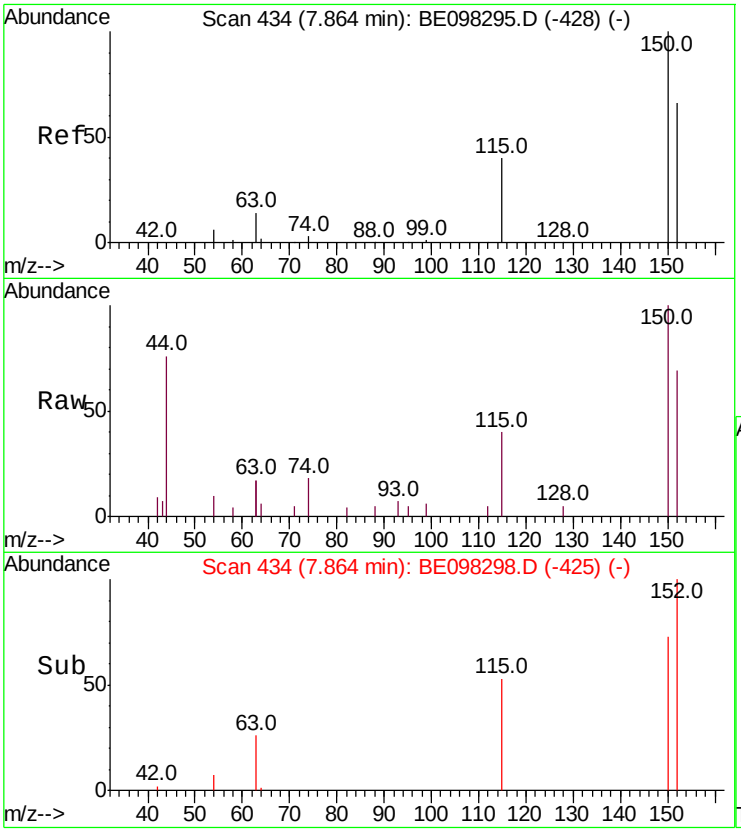
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
Data File : BE098298.D
Acq On : 10 Dec 2018 14:17
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 10 14:56:03 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 13:04:34 2018
Response via : Initial Calibration



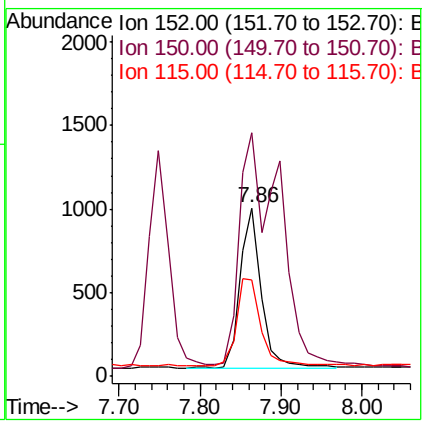


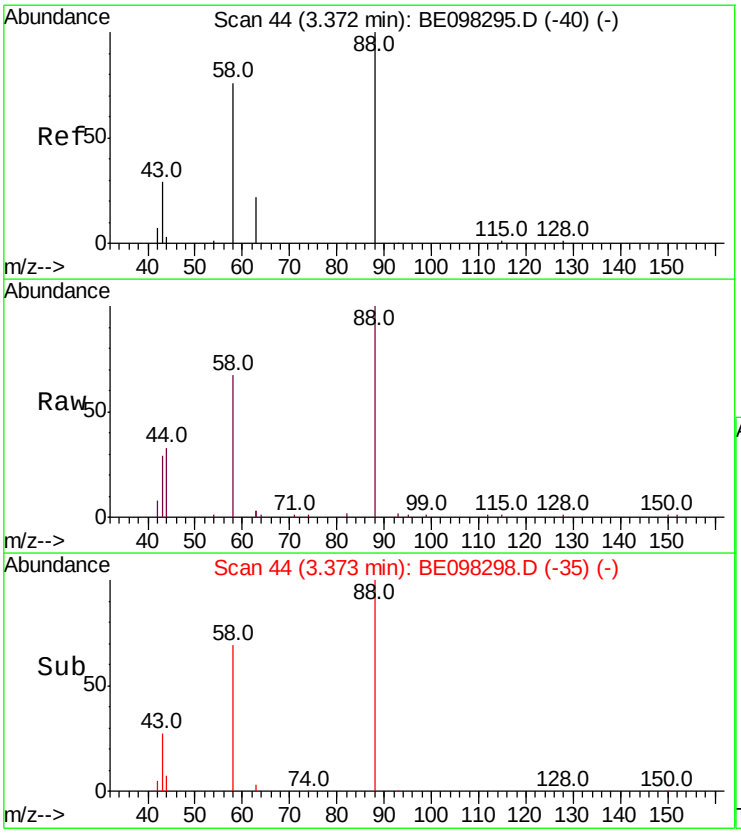
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1732

Ion	Ratio	Lower	Upper
152	100		
150	144.9	124.2	186.4
115	57.5	53.9	80.9

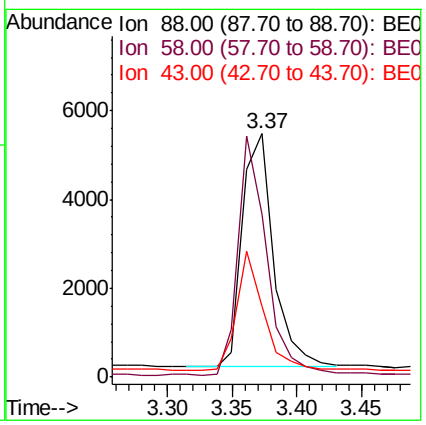


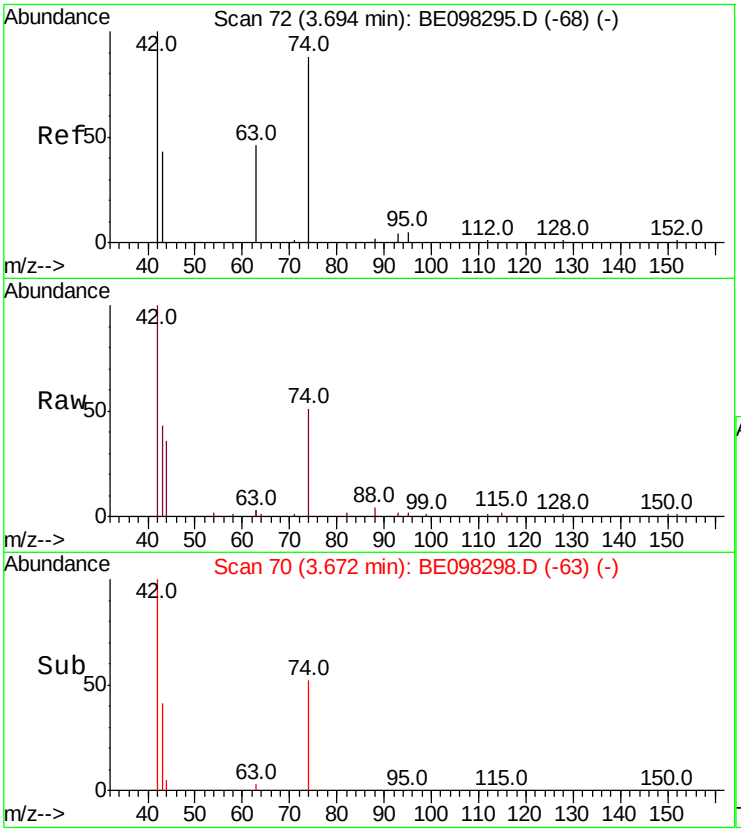


#2
1,4-Dioxane
Concen: 2.744 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 88 Resp: 8814

Ion	Ratio	Lower	Upper
88	100		
58	92.7	75.0	112.6
43	43.6	38.3	57.5



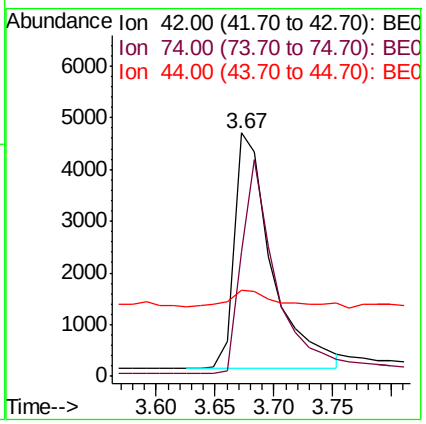


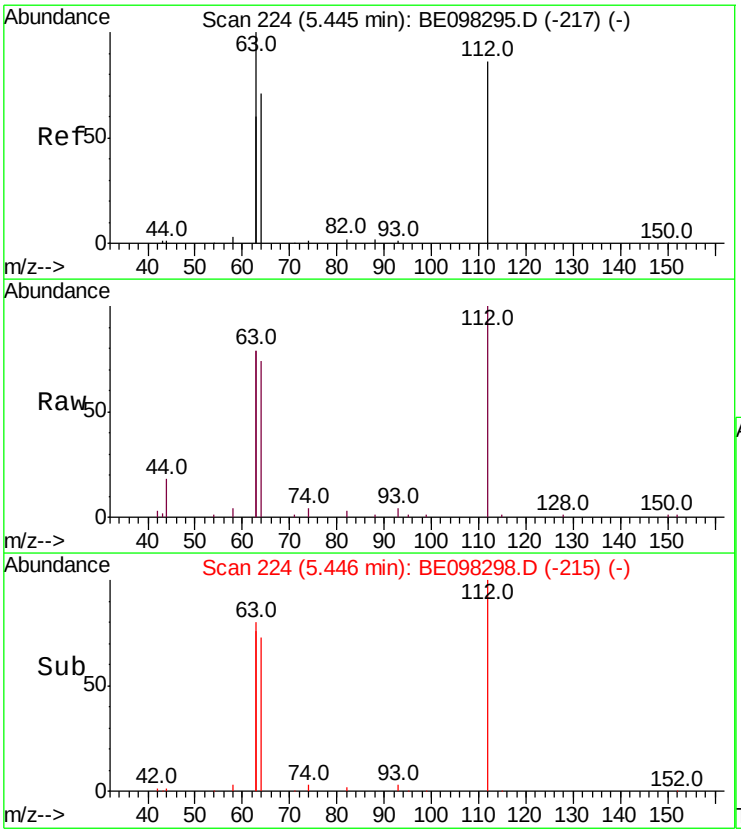
#3
n-Nitrosodimethylamine
Concen: 3.039 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 10104

Ion	Ratio	Lower	Upper
42	100		
74	83.6	0.0	0.0#
44	7.7	0.0	0.0#

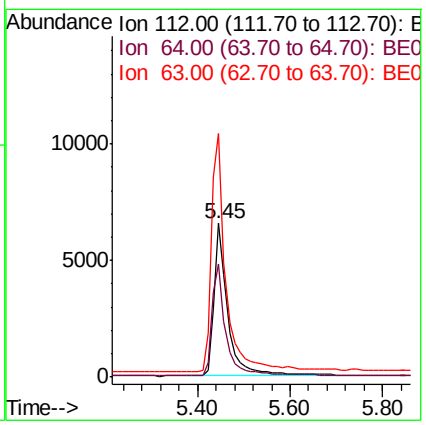


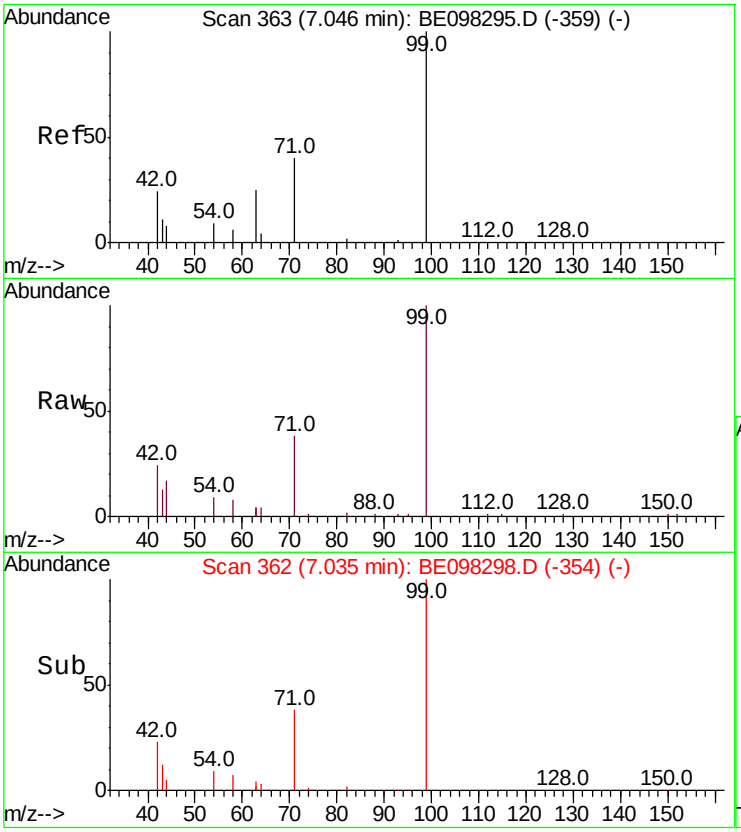


#4
2-Fluorophenol
Concen: 2.961 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:112 Resp: 13694

Ion	Ratio	Lower	Upper
112	100		
64	75.4	59.8	89.8
63	164.2	133.7	200.5



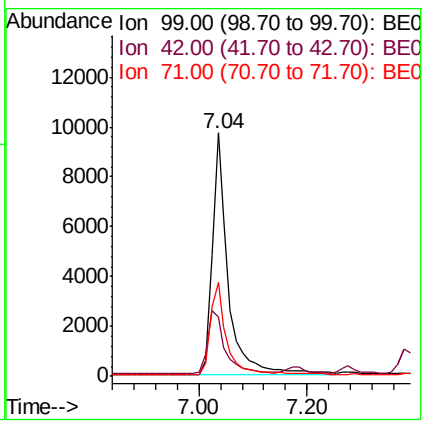


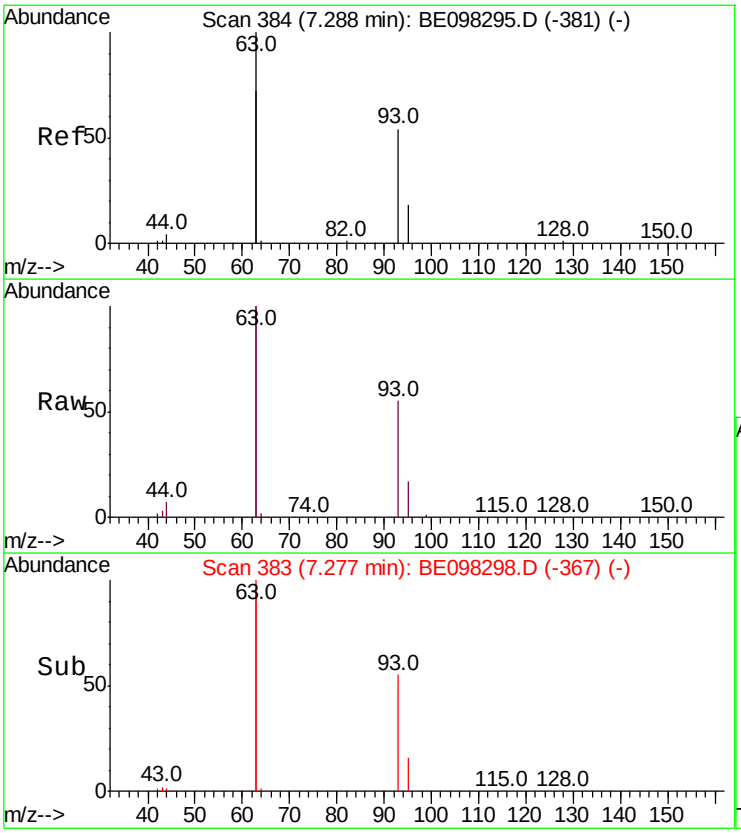
#5
Phenol-d6
Concen: 3.153 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 20546

Ion	Ratio	Lower	Upper
99	100		
42	27.7	26.3	39.5
71	39.8	33.6	50.4

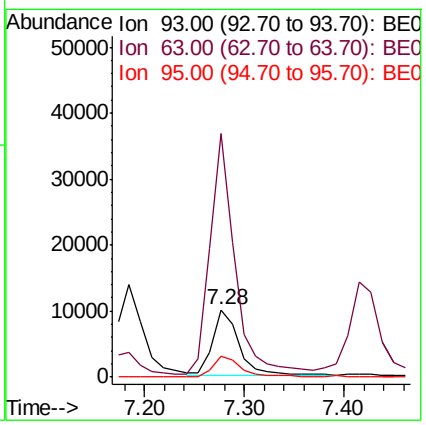


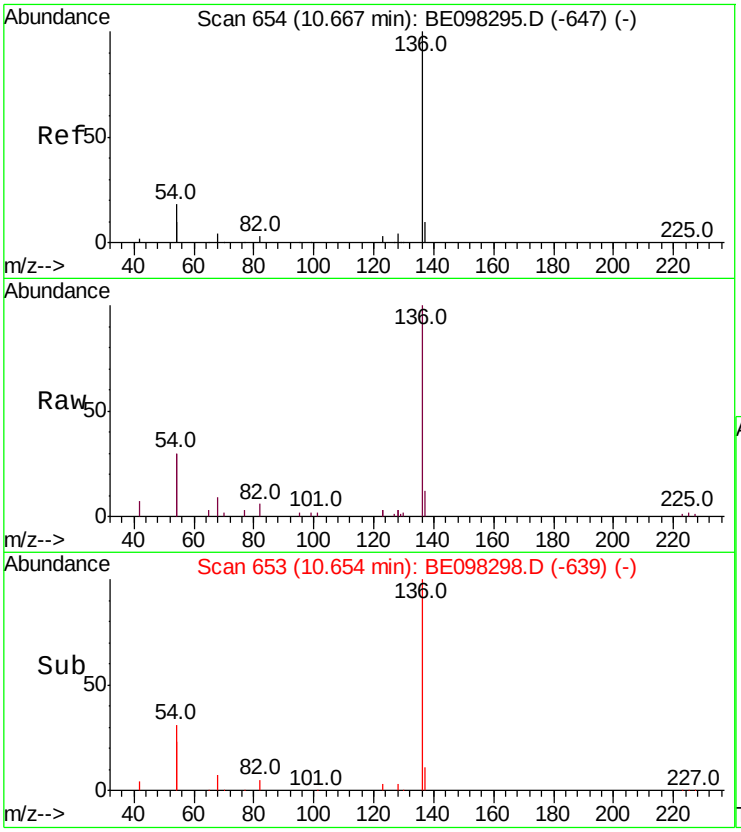


#6
bis(2-Chloroethyl)ether
Concen: 3.069 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 93 Resp: 18403

Ion	Ratio	Lower	Upper
93	100		
63	341.9	264.4	396.6
95	31.7	26.6	40.0



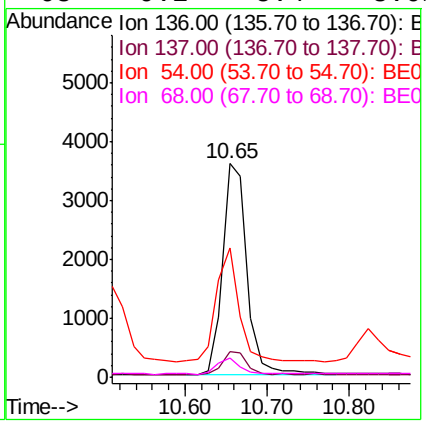


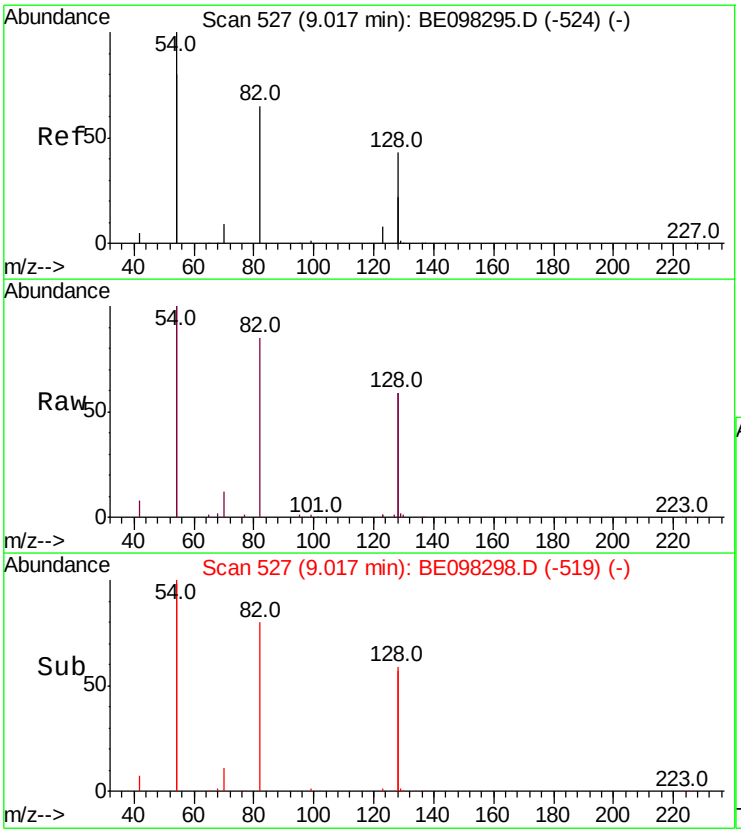
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 7374

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	60.8	28.4	42.6#
68	9.2	5.4	8.0#

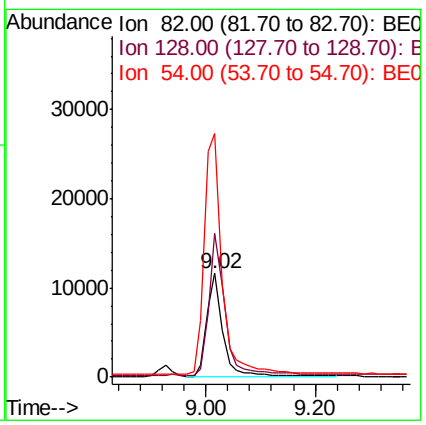


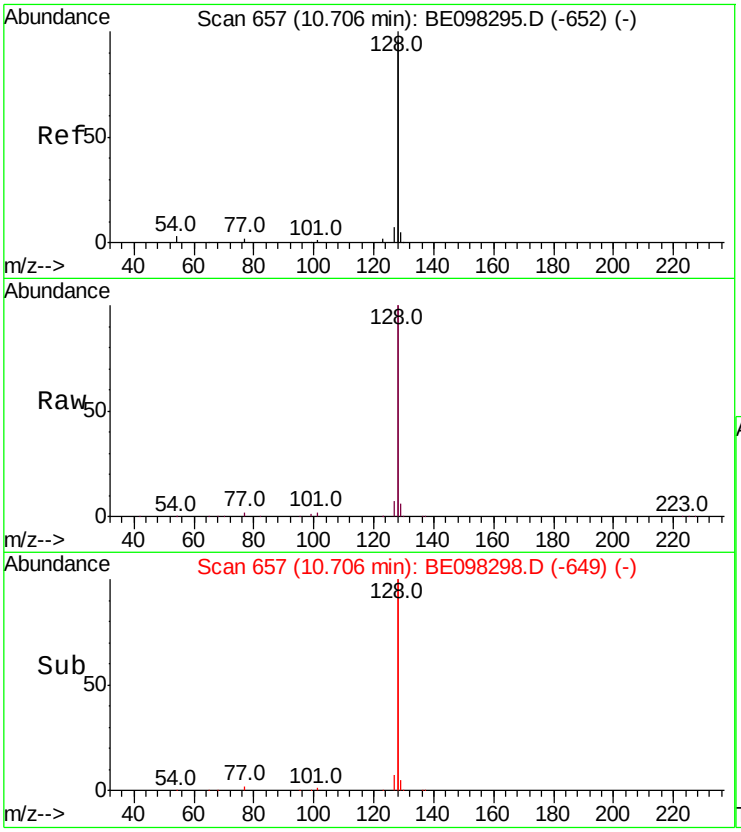


#8
Nitrobenzene-d5
Concen: 3.187 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 82 Resp: 23801

Ion	Ratio	Lower	Upper
82	100		
128	139.4	102.4	153.6
54	235.3	221.8	332.8



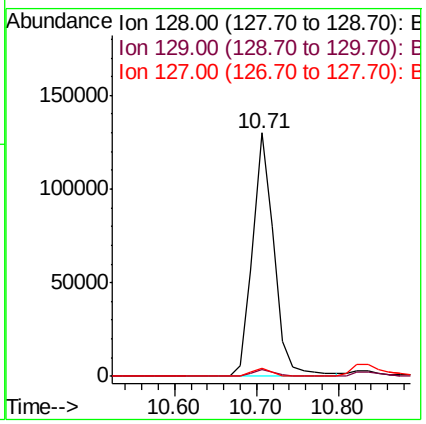


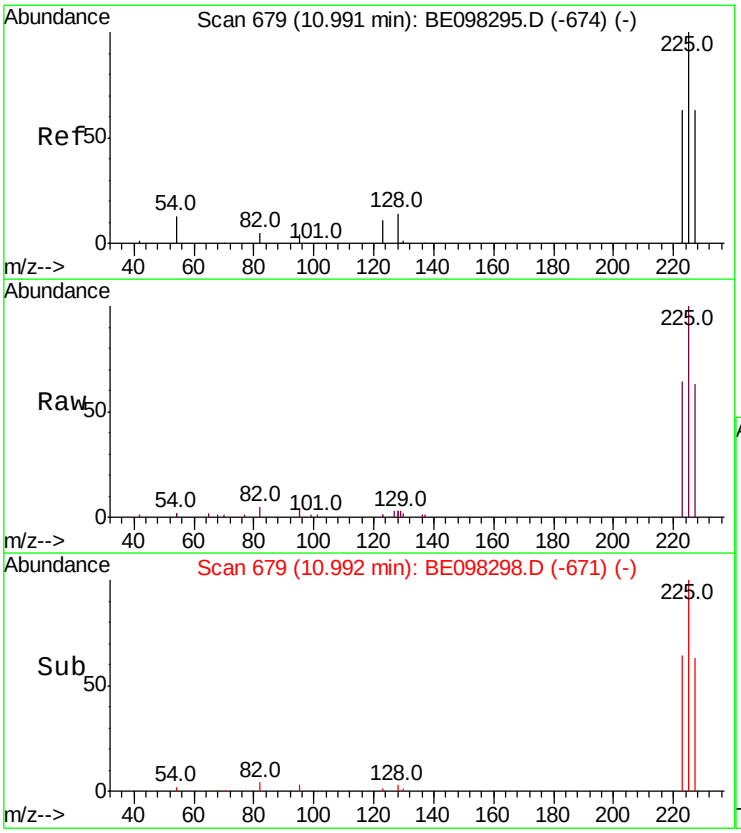
#9
Naphthalene
Concen: 3.182 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 235726

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.4	2.7	4.1

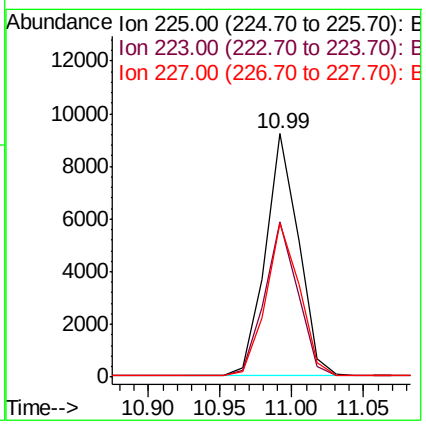


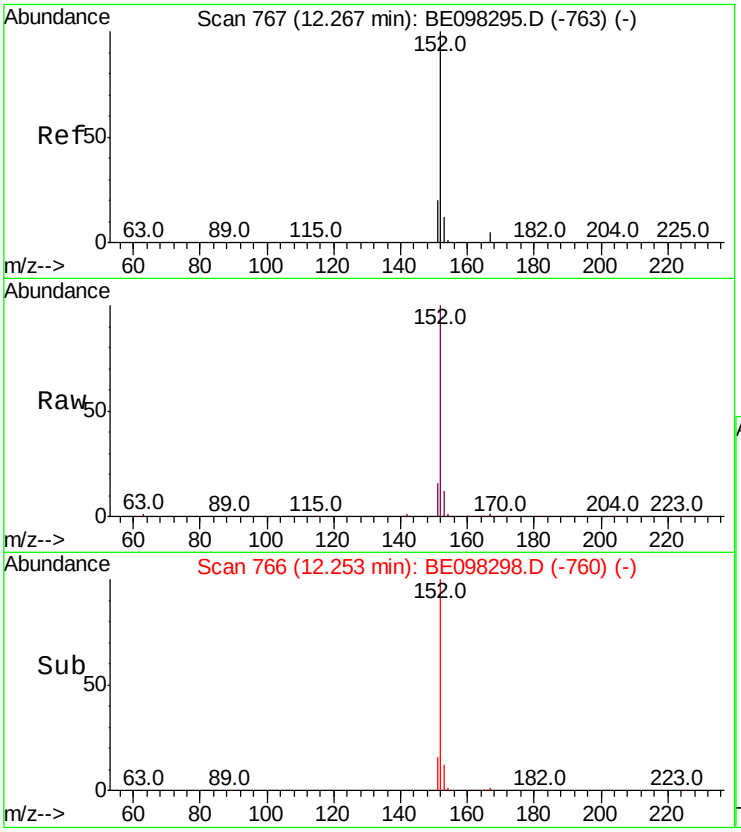


#10
Hexachlorobutadiene
Concen: 3.121 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:225 Resp: 14831

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	64.0	52.0	78.0



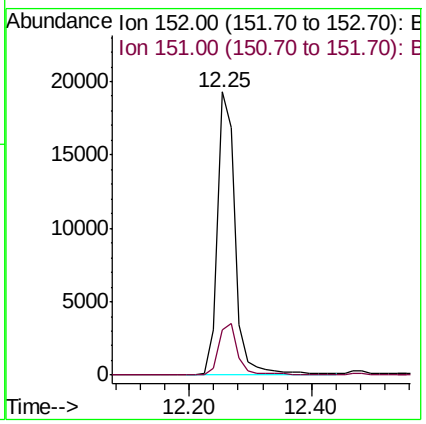


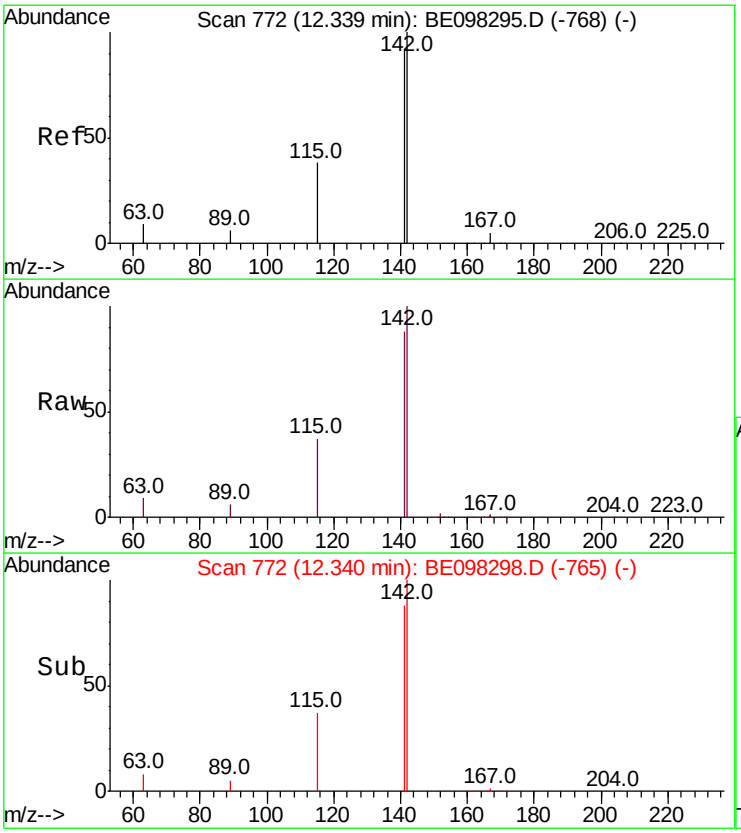
#11
2-Methylnaphthalene-d10
Concen: 3.264 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 39084

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

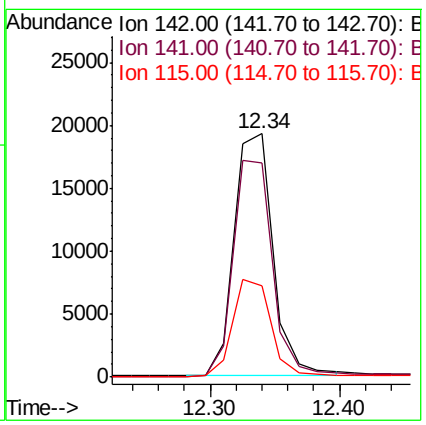


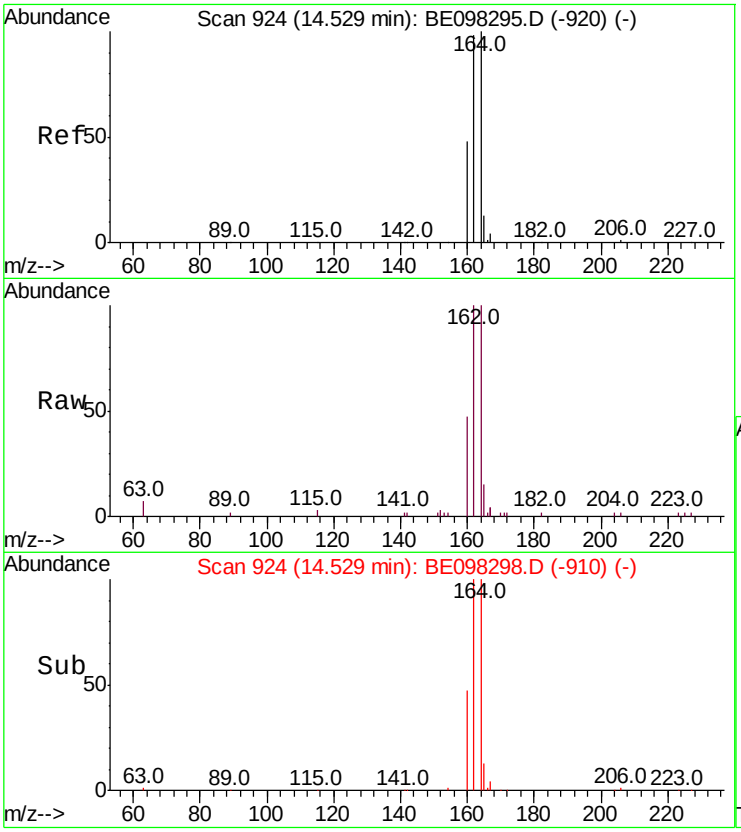


#12
2-Methylnaphthalene
Concen: 3.253 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:142 Resp: 40018

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	37.4	32.2	48.2



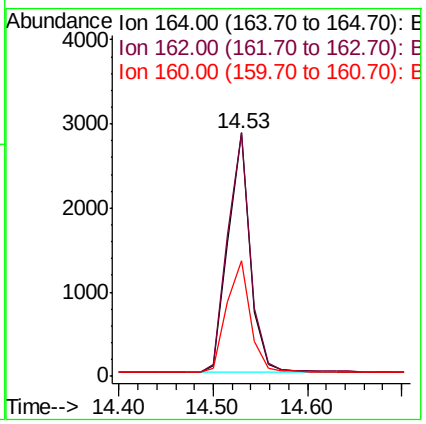


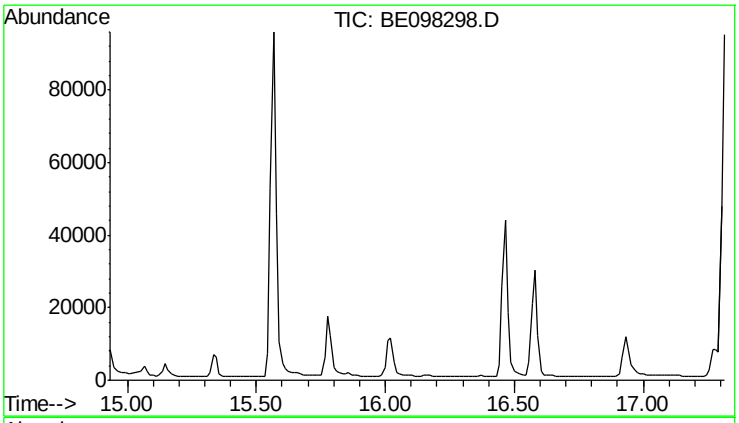
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4590

Ion	Ratio	Lower	Upper
164	100		
162	100.0	77.6	116.4
160	47.4	36.0	54.0



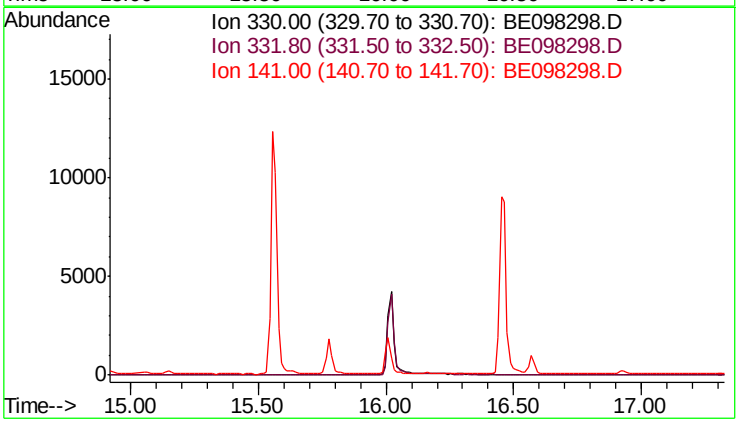


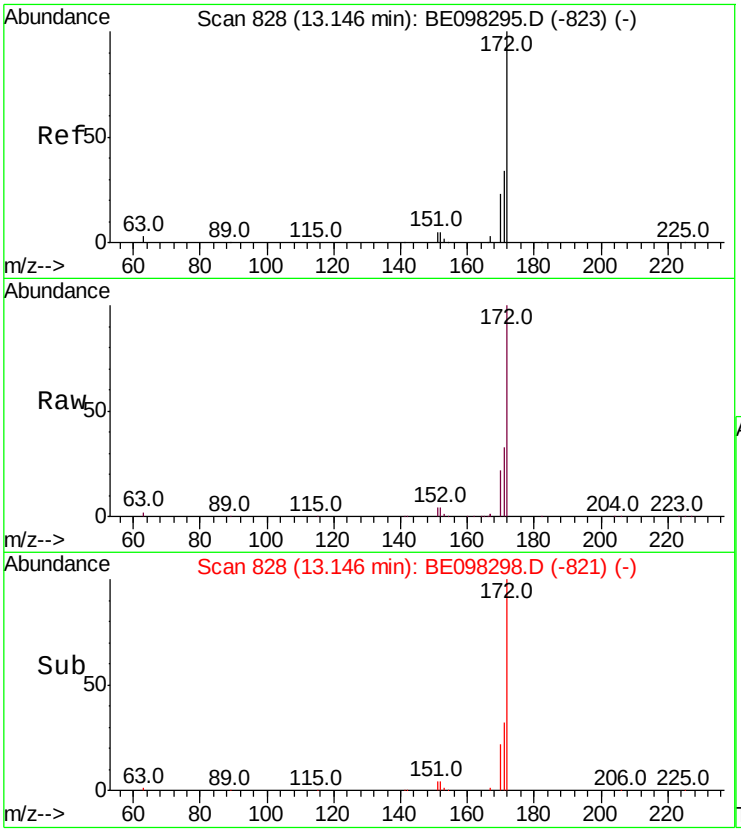
#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.02 min

Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	48.7



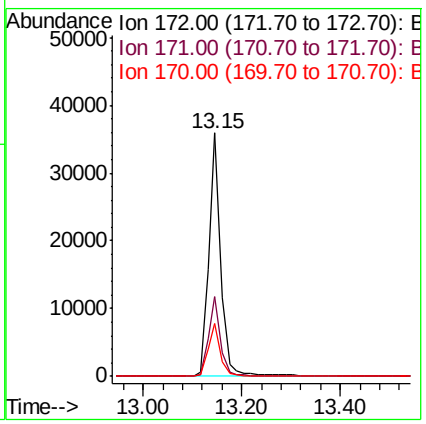


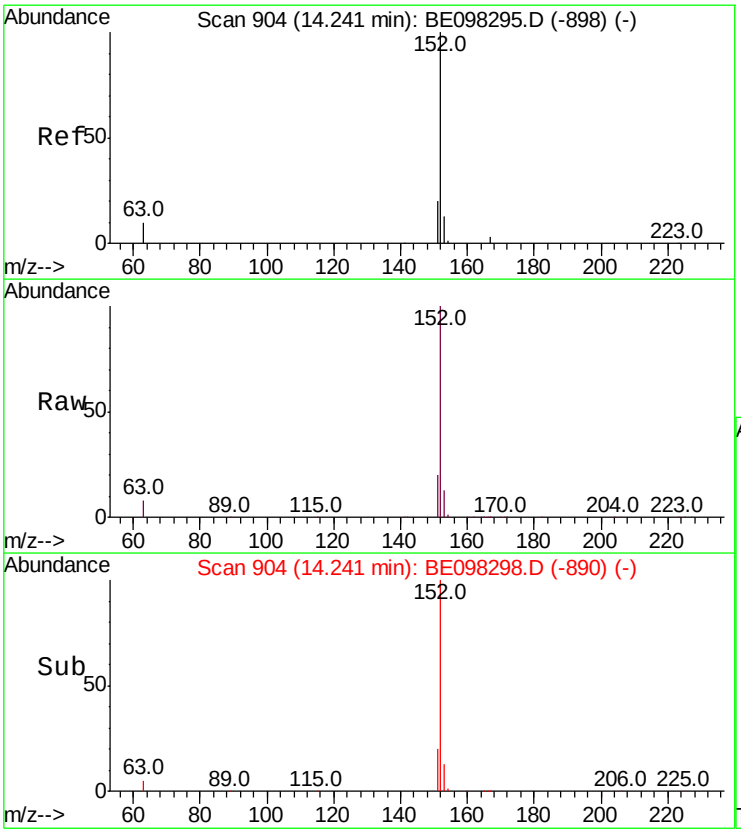
#15
2-Fluorobiphenyl
Concen: 3.102 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 58958

Ion	Ratio	Lower	Upper
172	100		
171	32.5	27.5	41.3
170	21.9	19.6	29.4

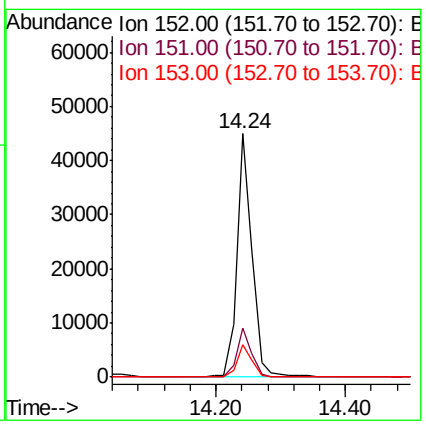


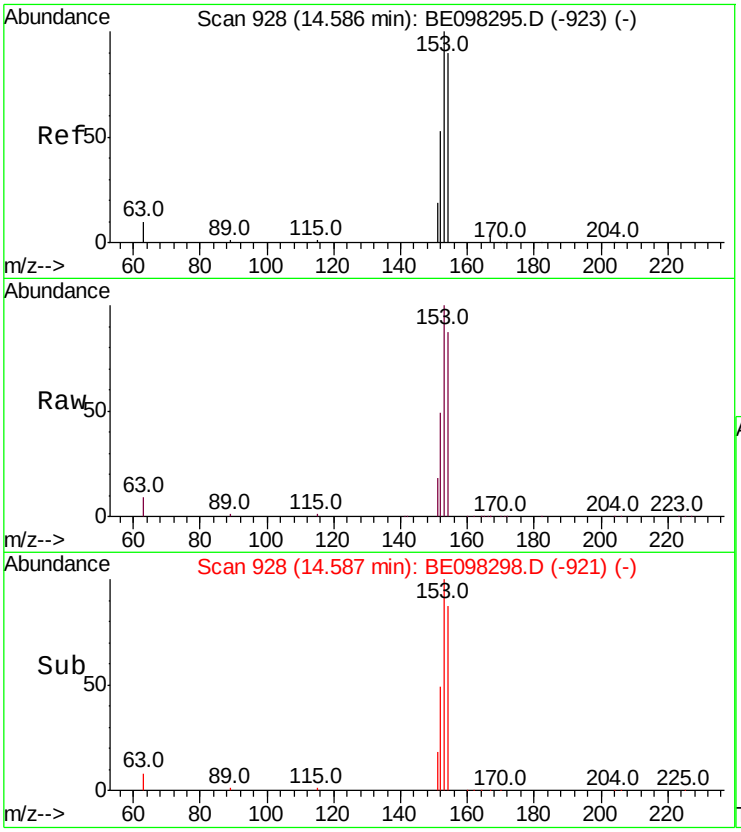


#16
Acenaphthylene
Concen: 3.360 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:152 Resp: 71988

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.0	10.6	16.0



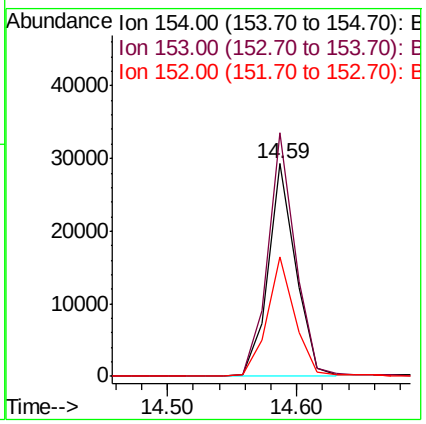


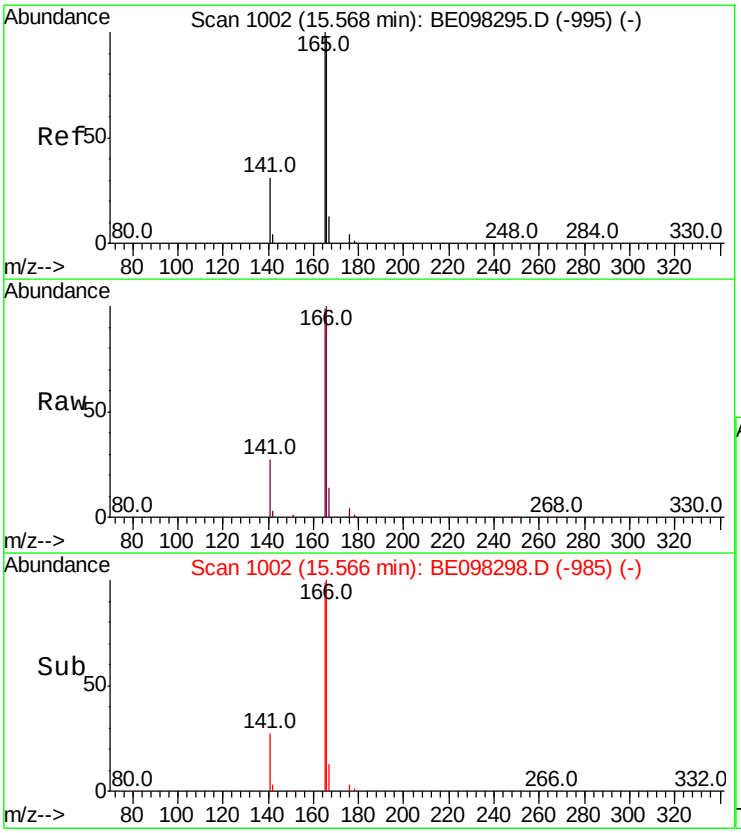
#17
Acenaphthene
Concen: 3.389 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 43264

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.8	137.6
152	55.9	45.5	68.3

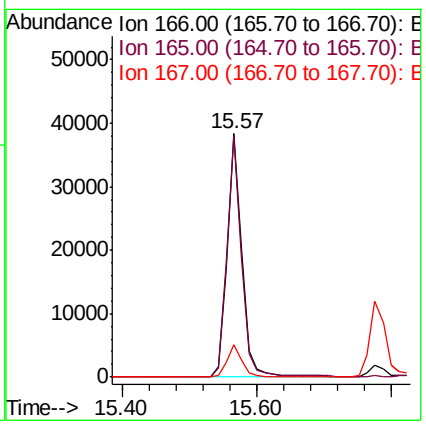


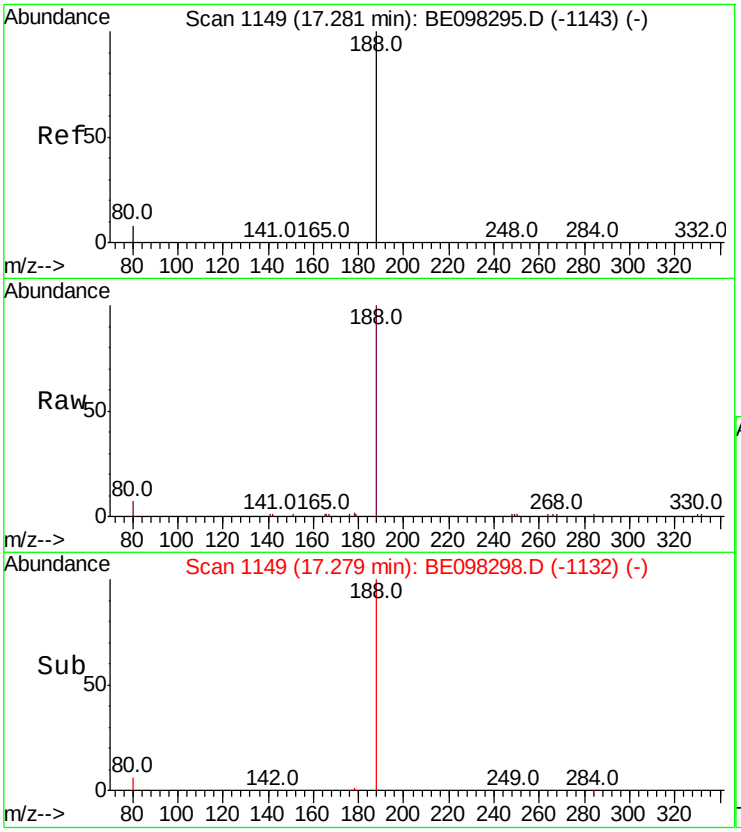


#18
Fluorene
Concen: 3.488 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:166 Resp: 59047

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.3	118.9
167	13.4	11.3	16.9



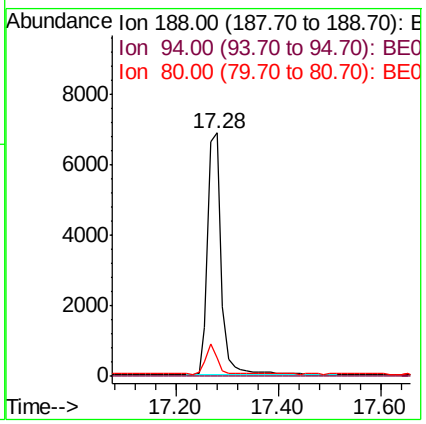


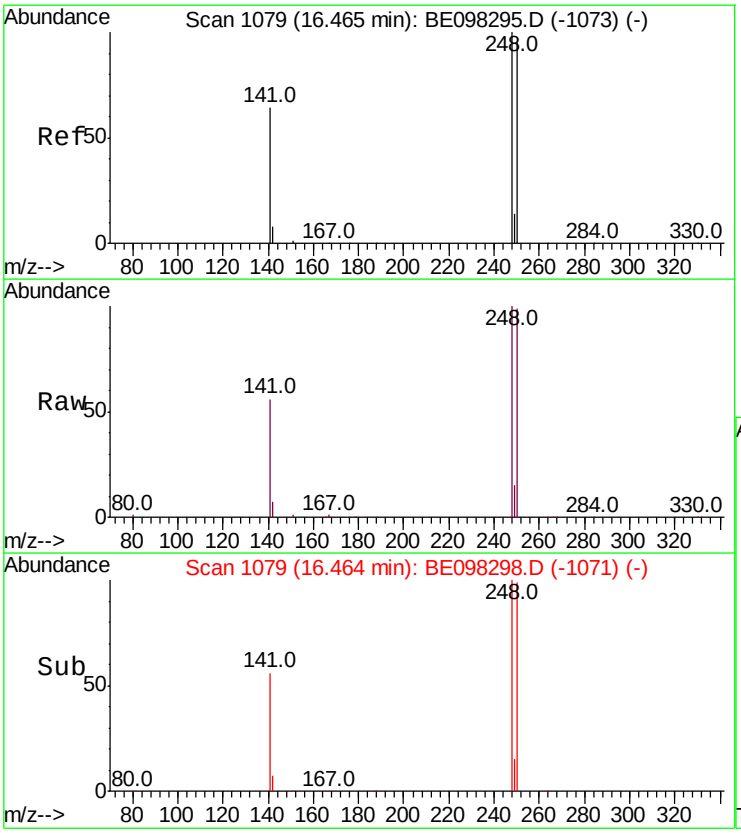
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 12739

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.2	10.8

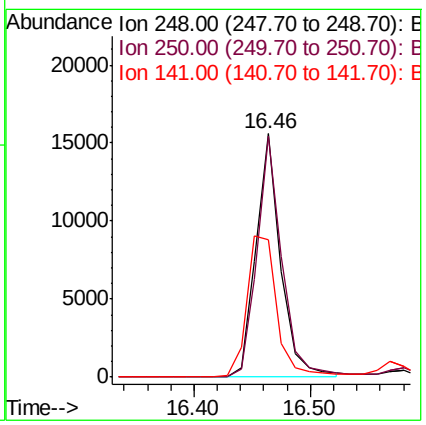


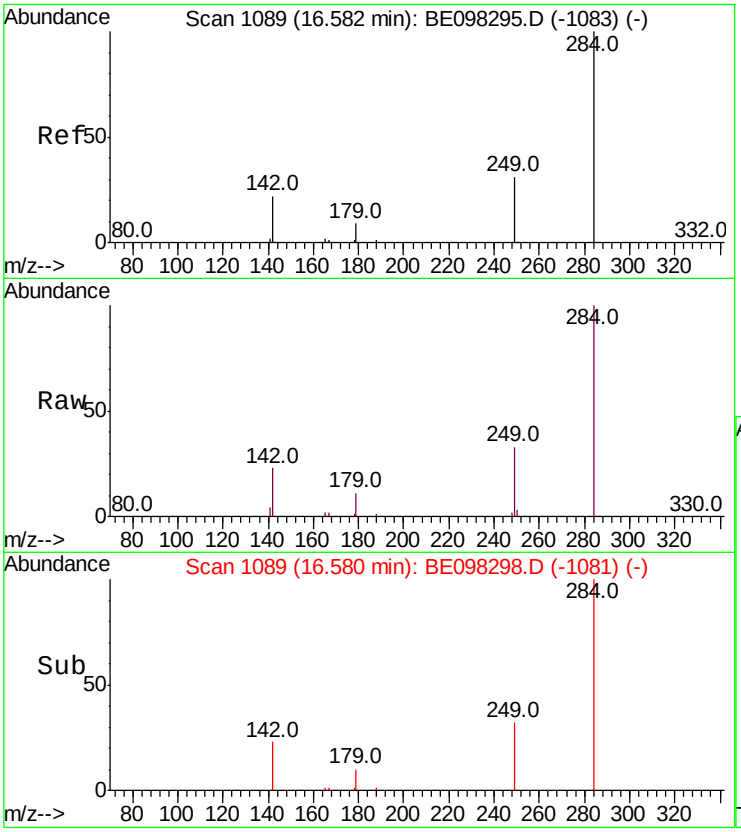


#20
4-Bromophenyl-phenylether
Concen: 3.180 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:248 Resp: 22926

Ion	Ratio	Lower	Upper
248	100		
250	99.3	71.0	106.6
141	56.3	62.1	93.1#



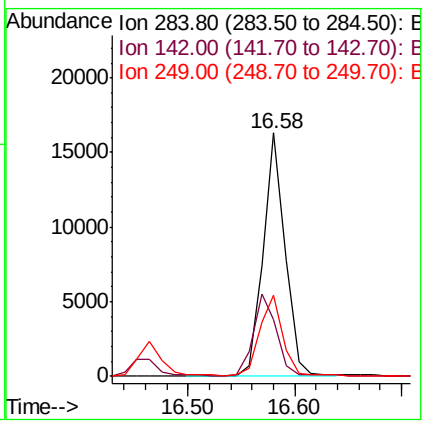


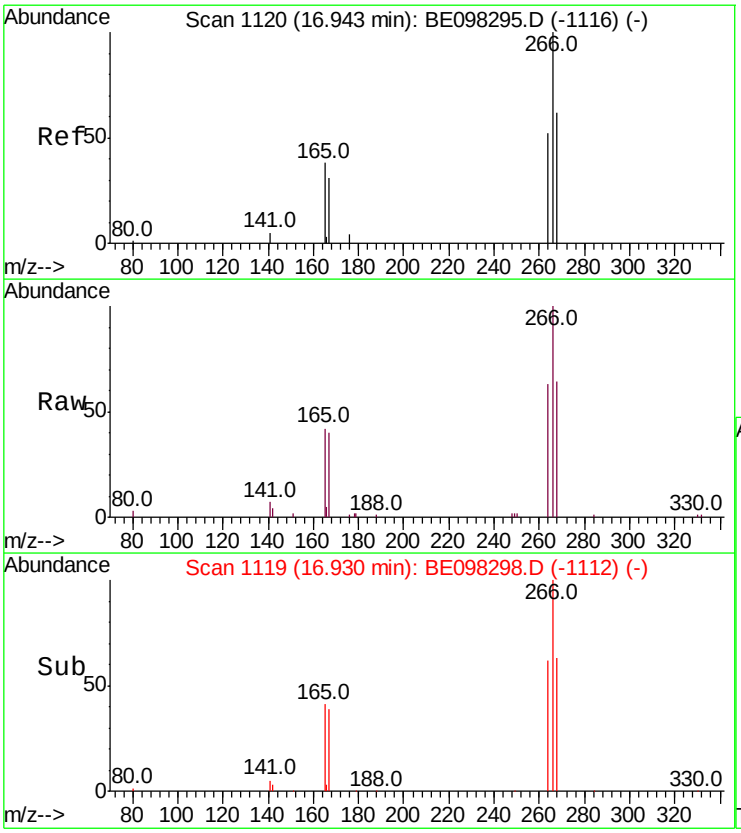
#21
Hexachlorobenzene
Concen: 3.119 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 23261

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.3	39.5
249	34.0	26.0	39.0

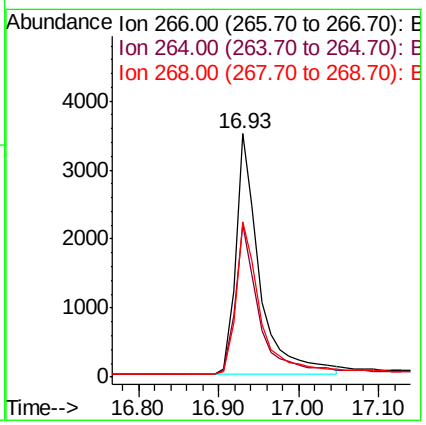


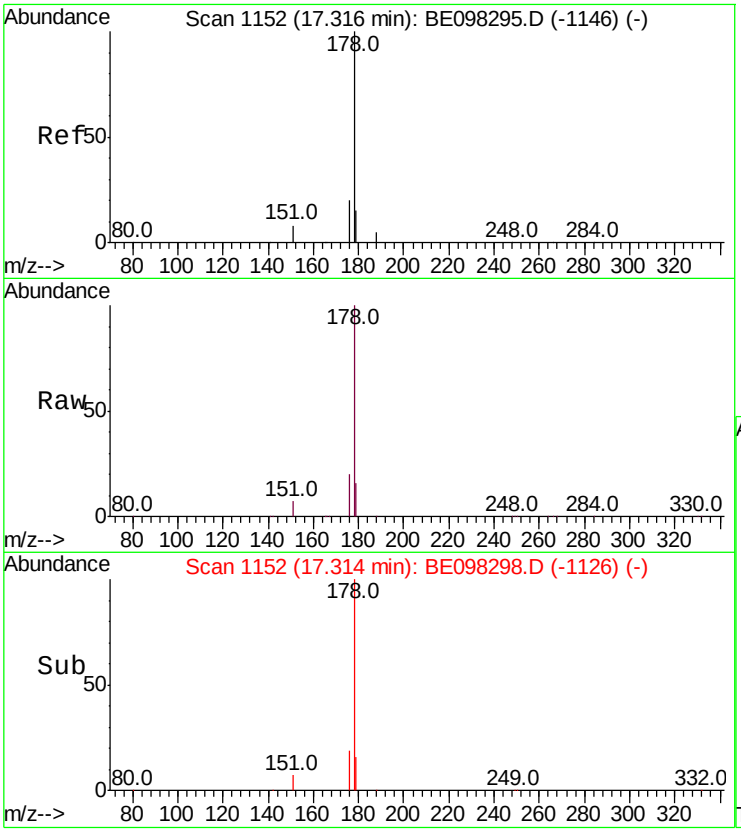


#22
Pentachlorophenol
Concen: 2.944 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:266 Resp: 7116

Ion	Ratio	Lower	Upper
266	100		
264	62.8	59.0	88.4
268	63.8	55.1	82.7



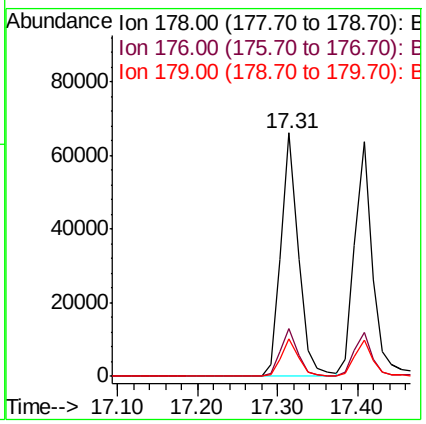


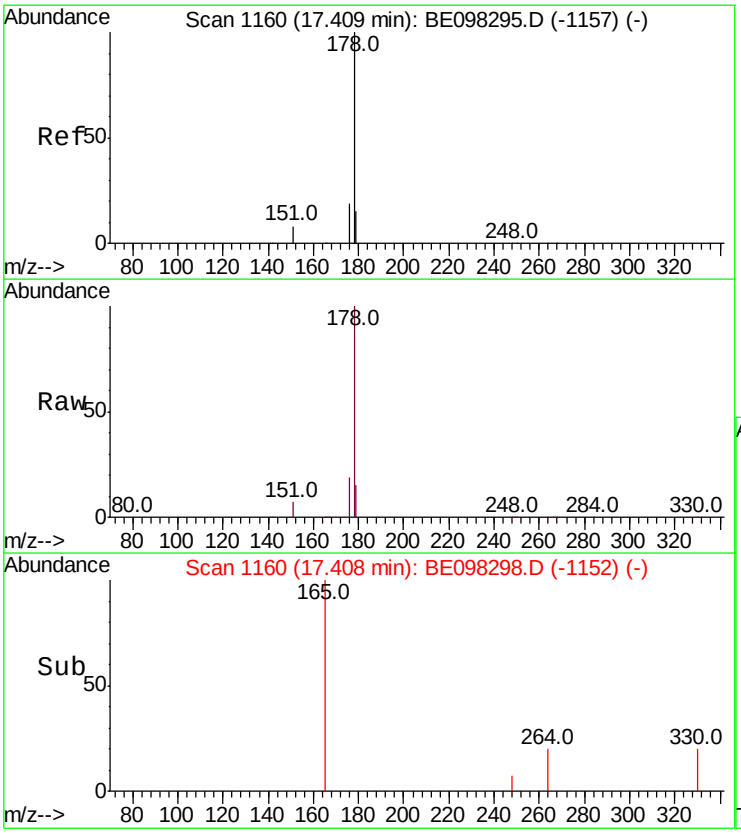
#23
Phenanthrene
Concen: 3.176 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 100477

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.4	12.3	18.5

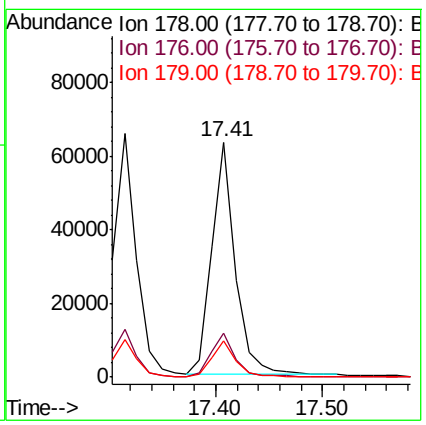


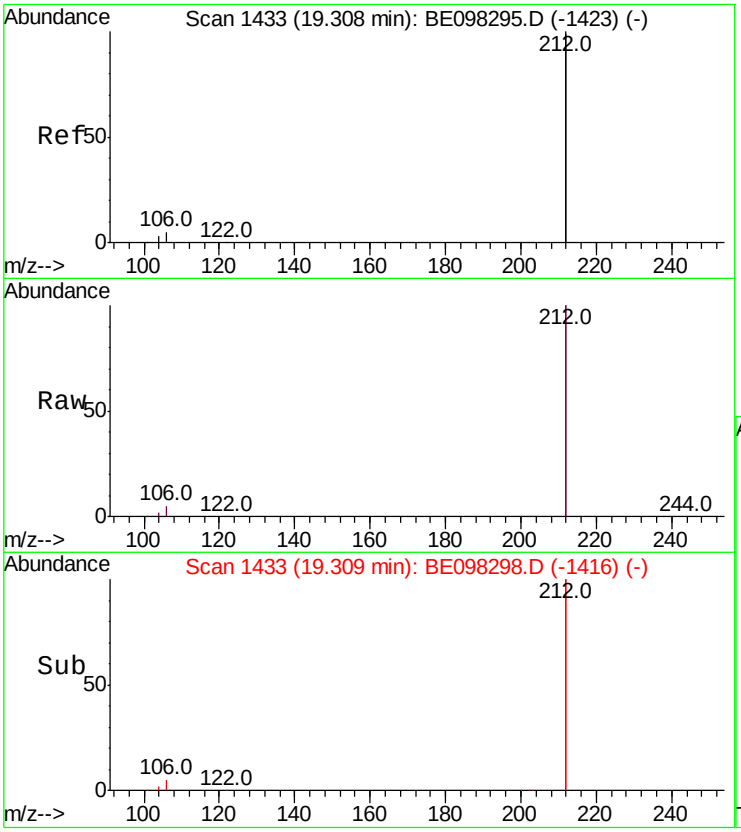


#24
Anthracene
Concen: 3.291 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:178 Resp: 96977

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.3	18.5



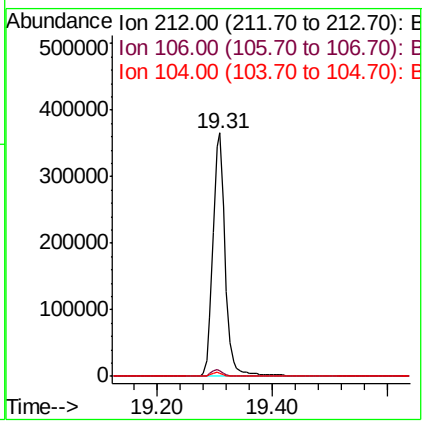


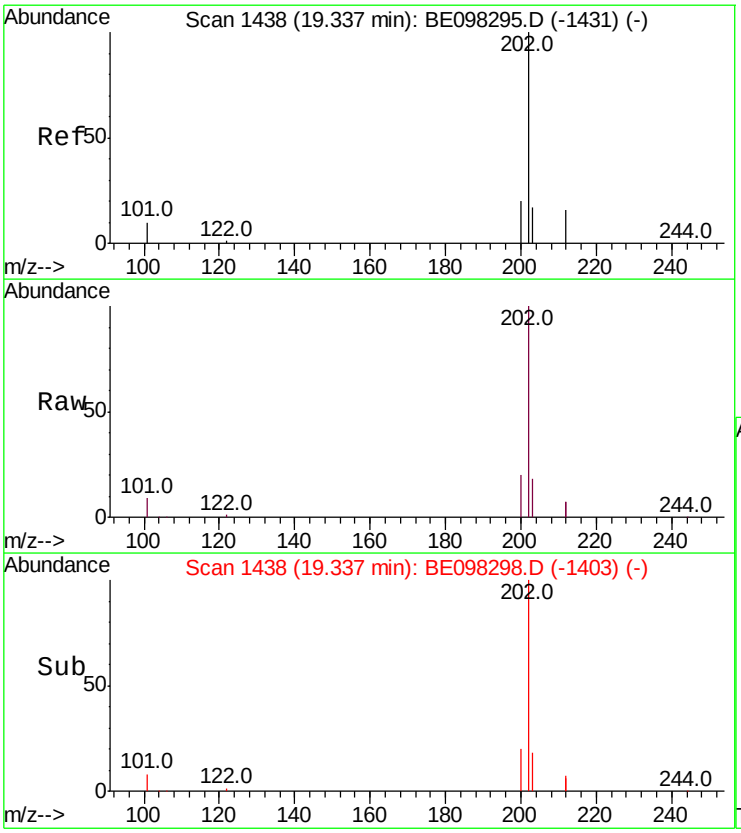
#25
Fluoranthene-d10
Concen: 3.152 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 541775

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

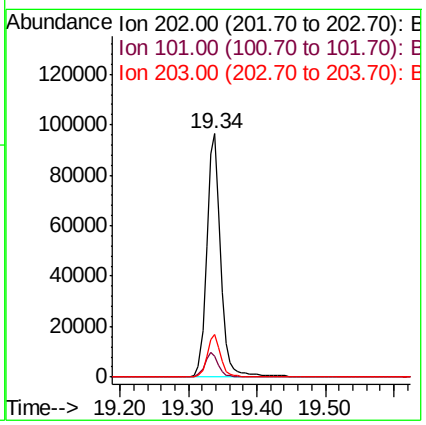


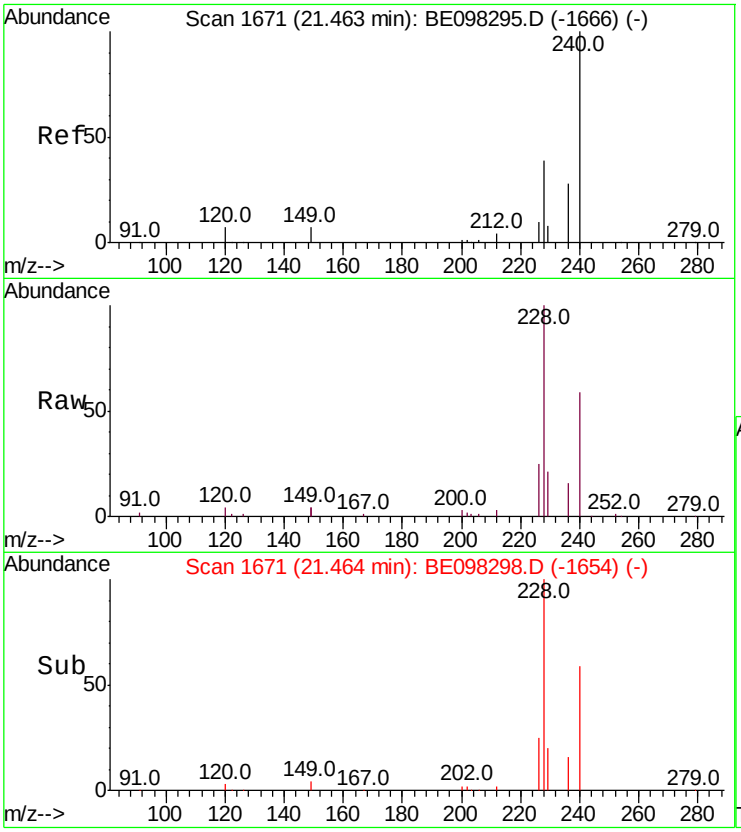


#26
Fluoranthene
Concen: 3.153 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:202 Resp: 136156

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.1	13.8	20.6



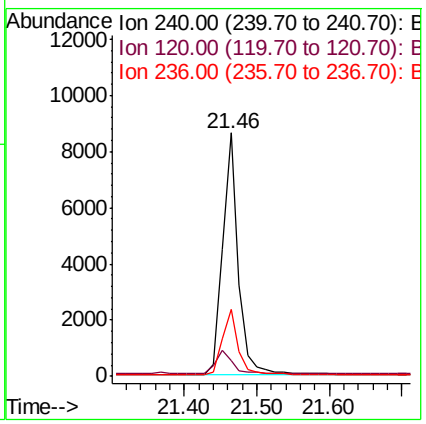


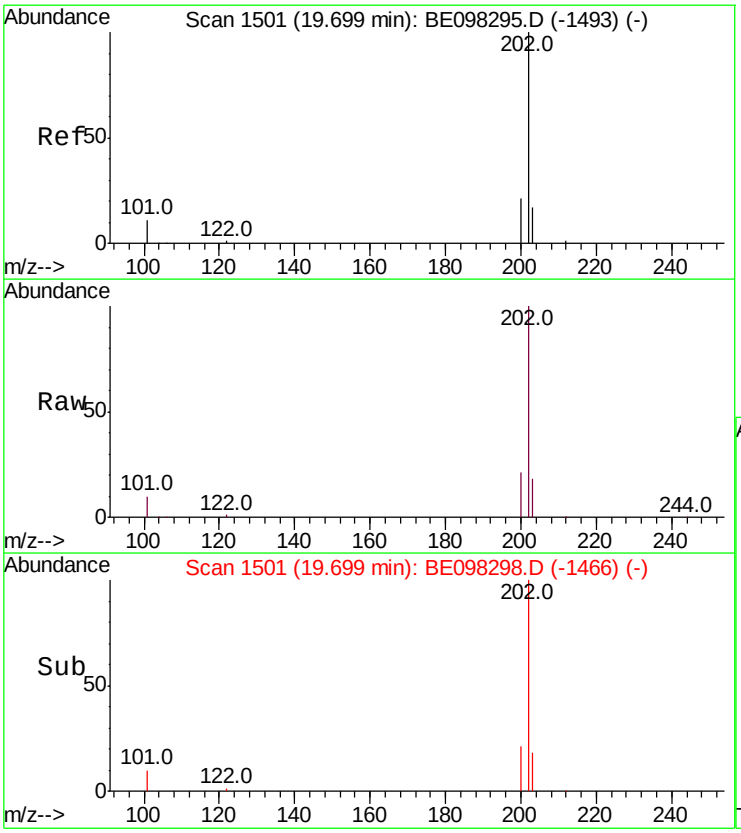
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 13270

Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.5	14.3#
236	27.3	22.7	34.1

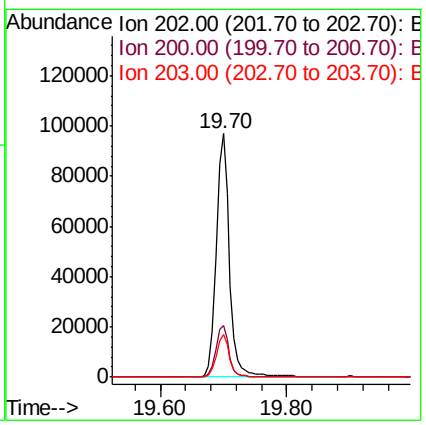


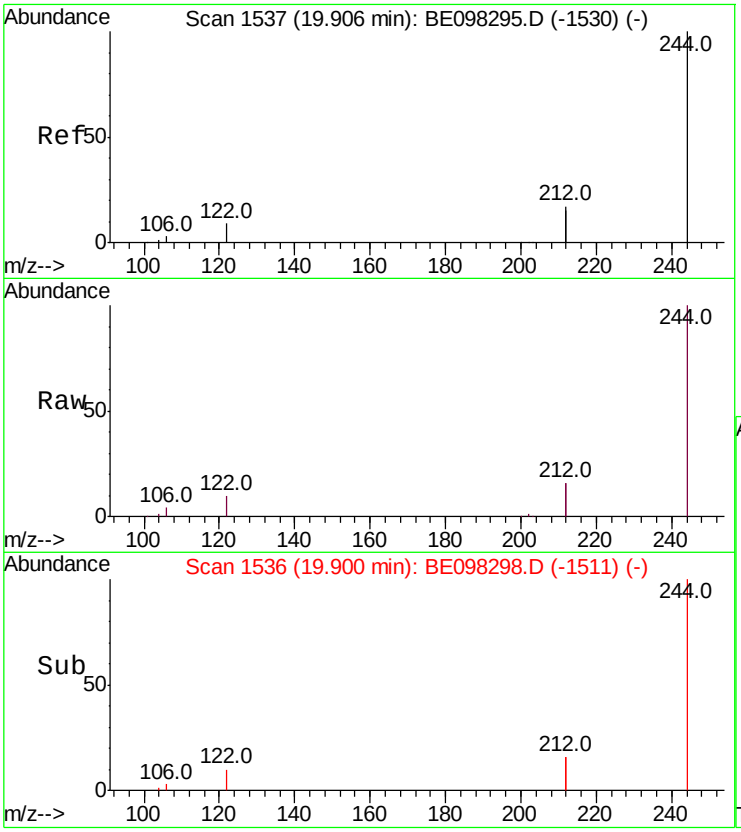


#28
Pyrene
Concen: 3.759 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:202 Resp: 138179

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.6	14.1	21.1



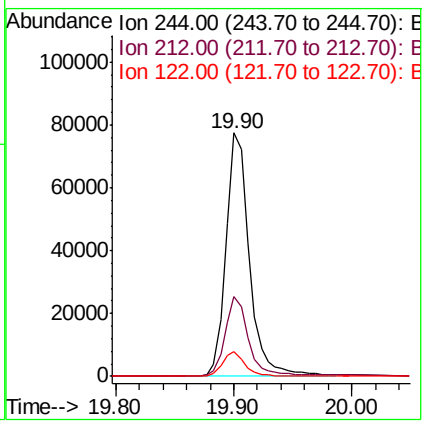


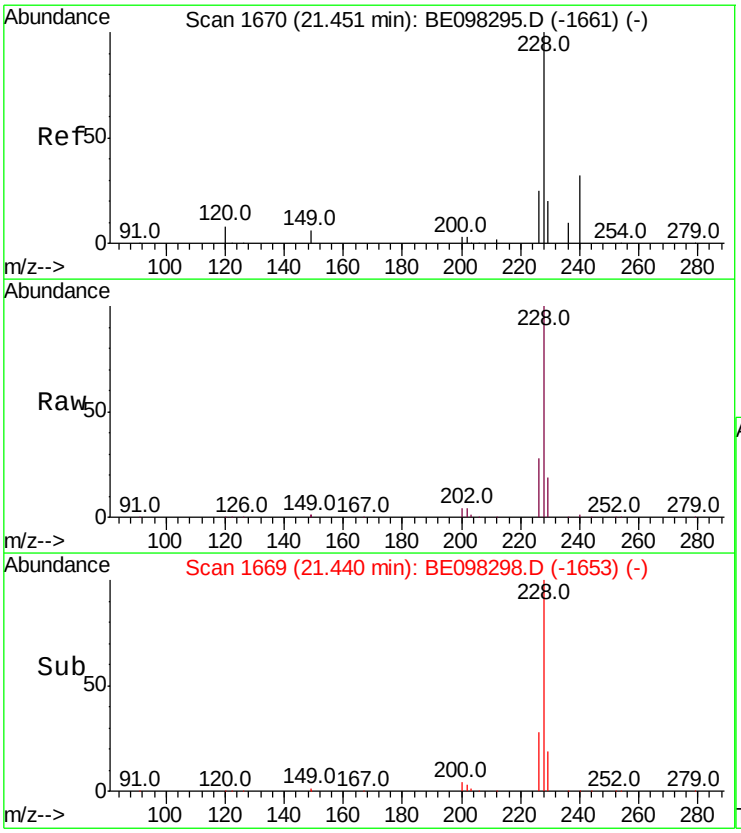
#29
Terphenyl-d14
Concen: 3.565 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 106373

Ion	Ratio	Lower	Upper
244	100		
212	32.8	27.4	41.0
122	10.0	8.3	12.5

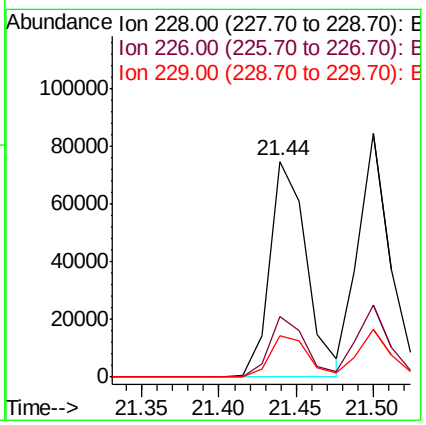


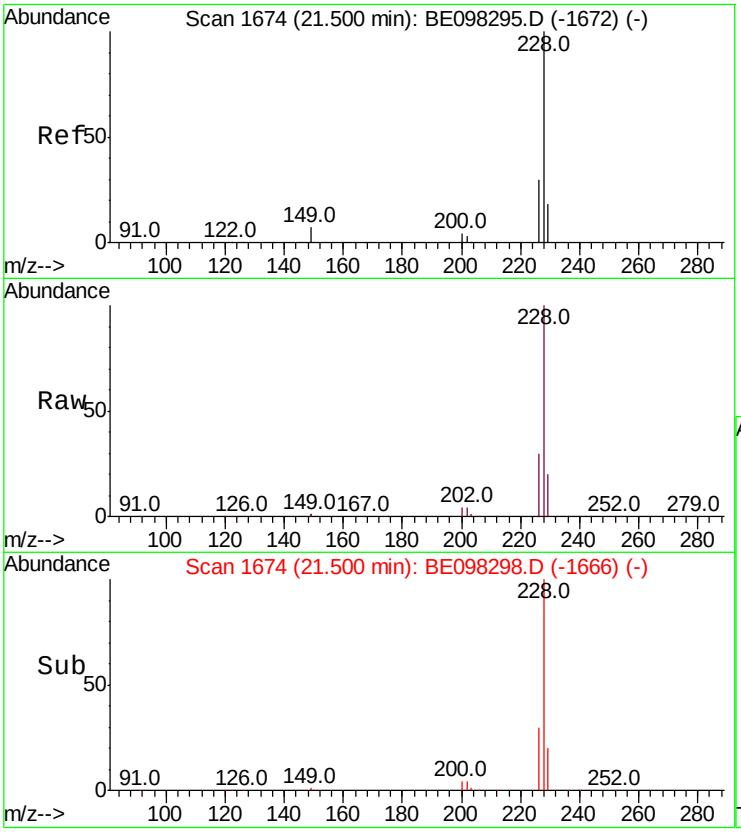


#30
Benzo(a)anthracene
Concen: 3.183 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:228 Resp: 124398

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	19.4	16.3	24.5



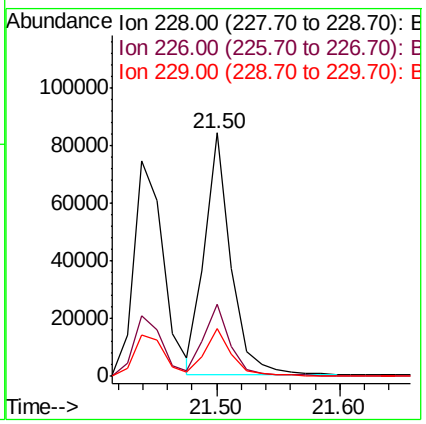


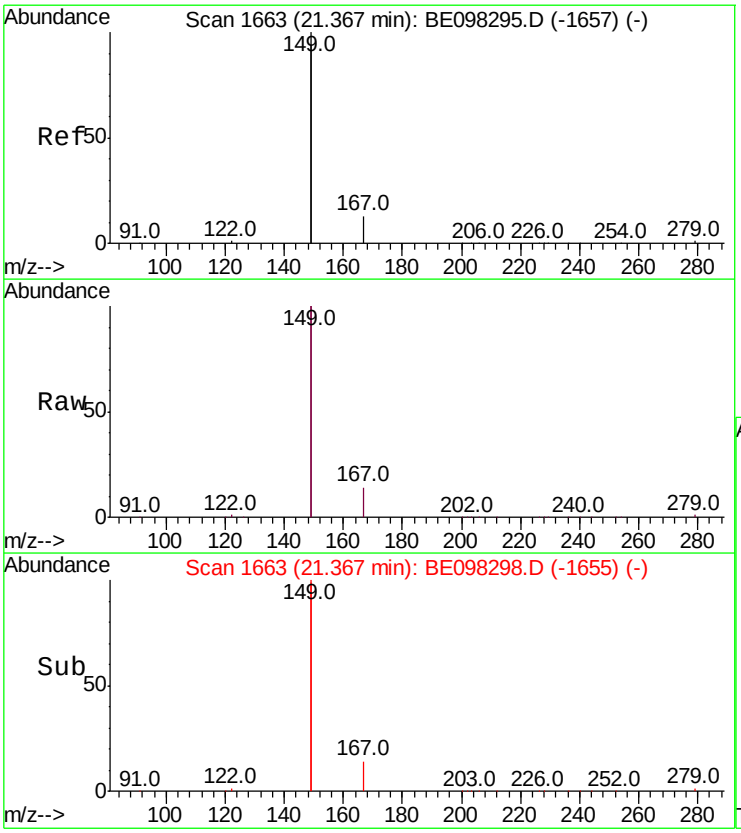
#31
Chrysene
Concen: 3.123 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 123960

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.8	16.2	24.4

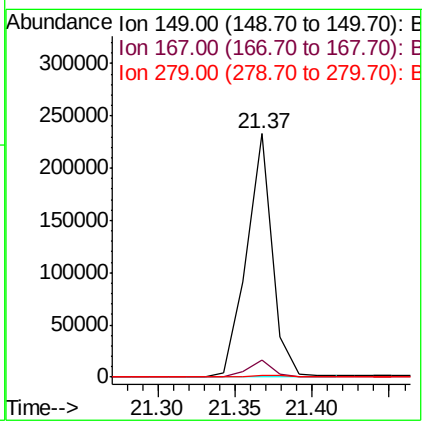


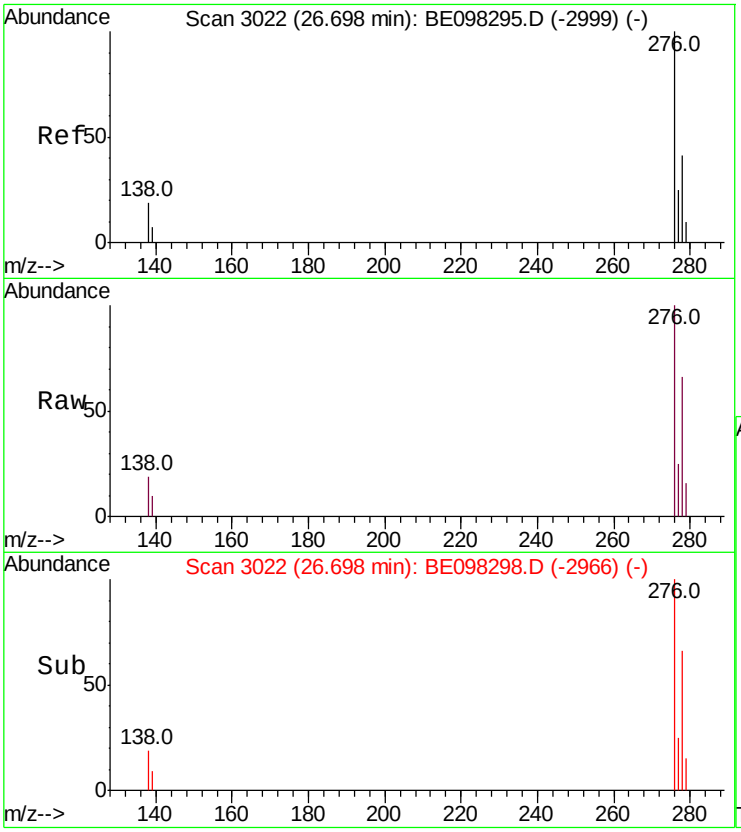


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.840 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:149 Resp: 265768

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.0	1.0	1.4



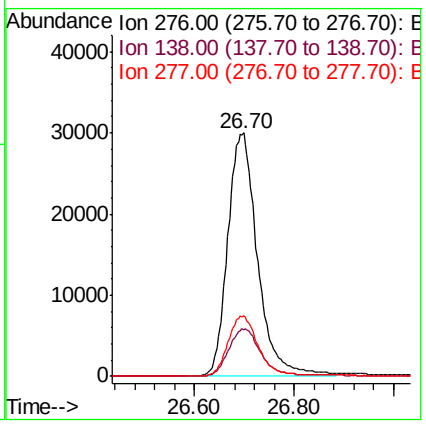


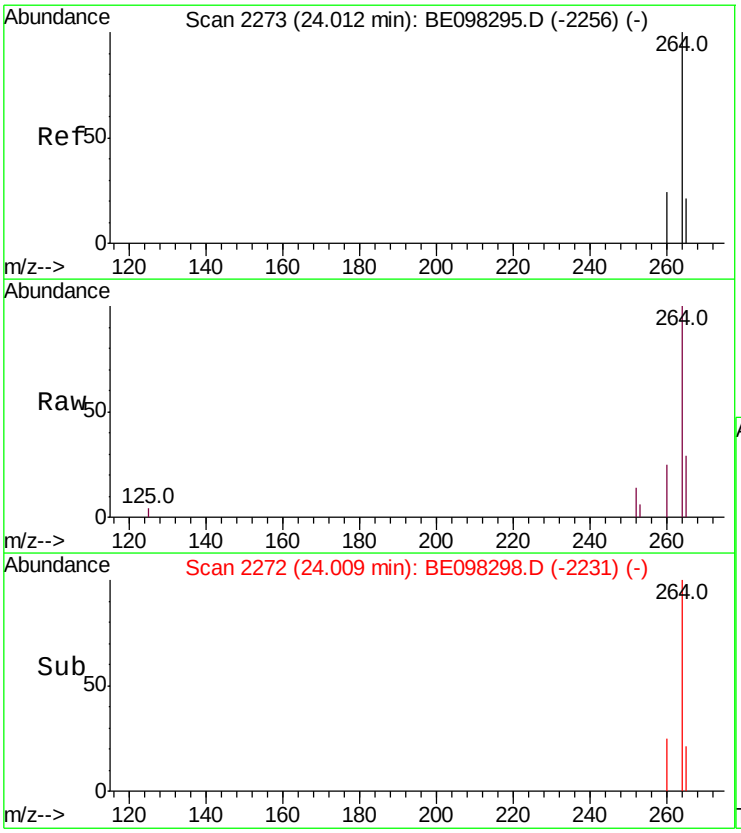
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.093 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 124120

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.3	24.5
277	25.0	20.2	30.4

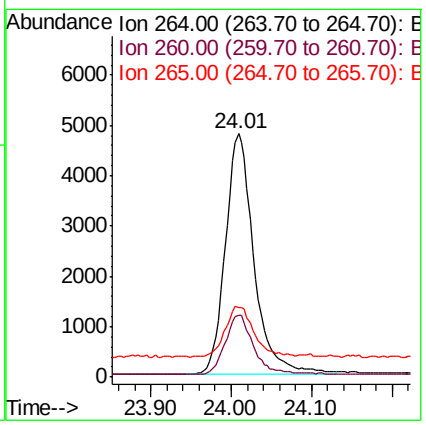


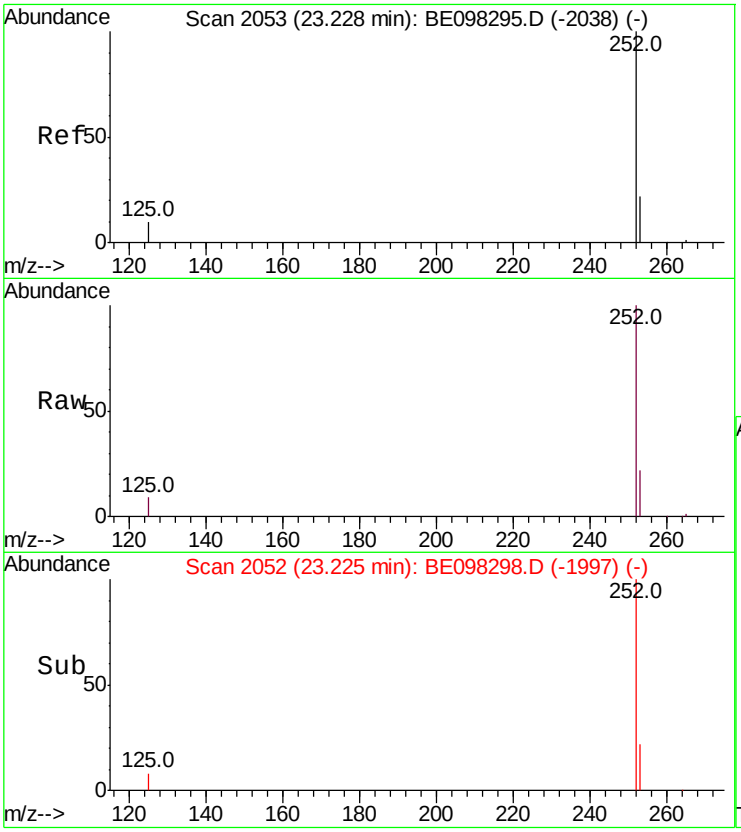


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:264 Resp: 11714

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	28.8	25.2	37.8



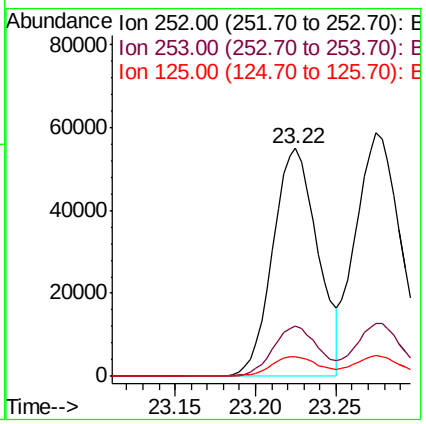


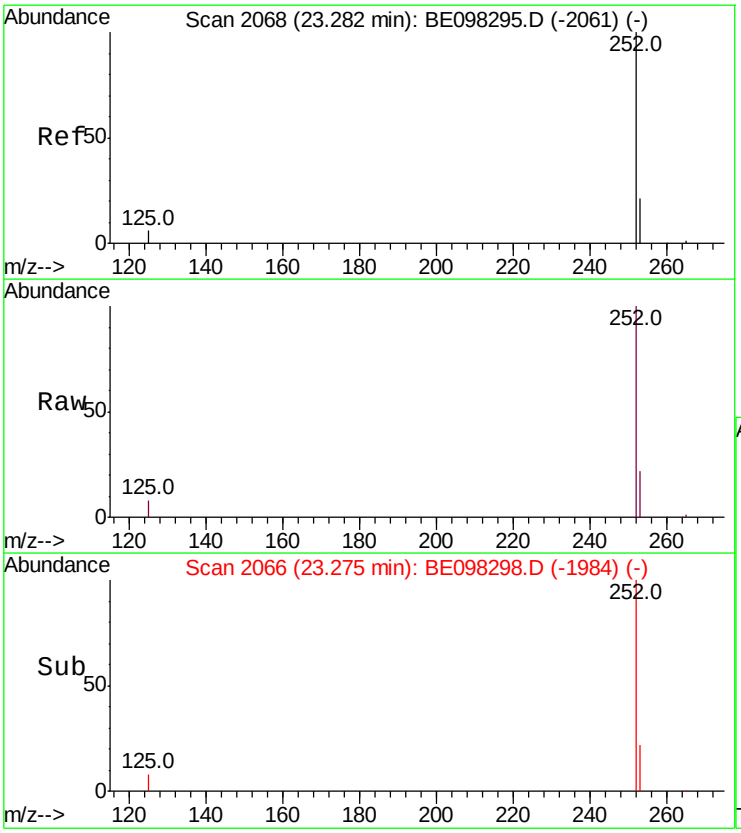
#35
Benzo(b)fluoranthene
Concen: 3.099 ng
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 106429

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.0	30.0
125	8.5	9.6	14.4#

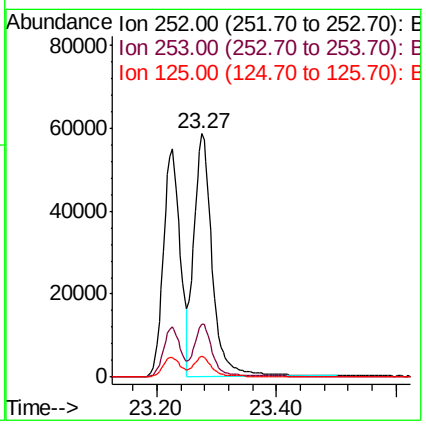


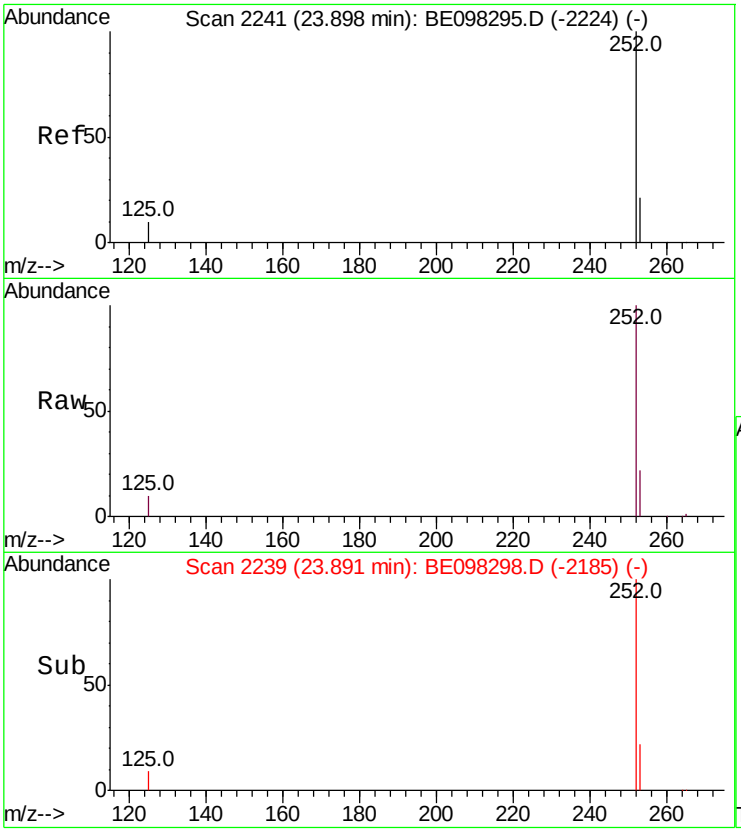


#36
Benzo(k)fluoranthene
Concen: 3.424 ng
RT: 23.27 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:252 Resp: 123474

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.6
125	8.4	9.1	13.7#



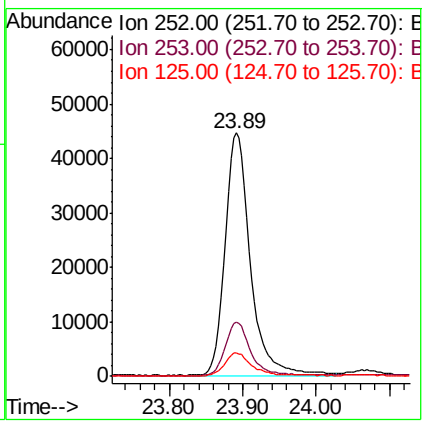


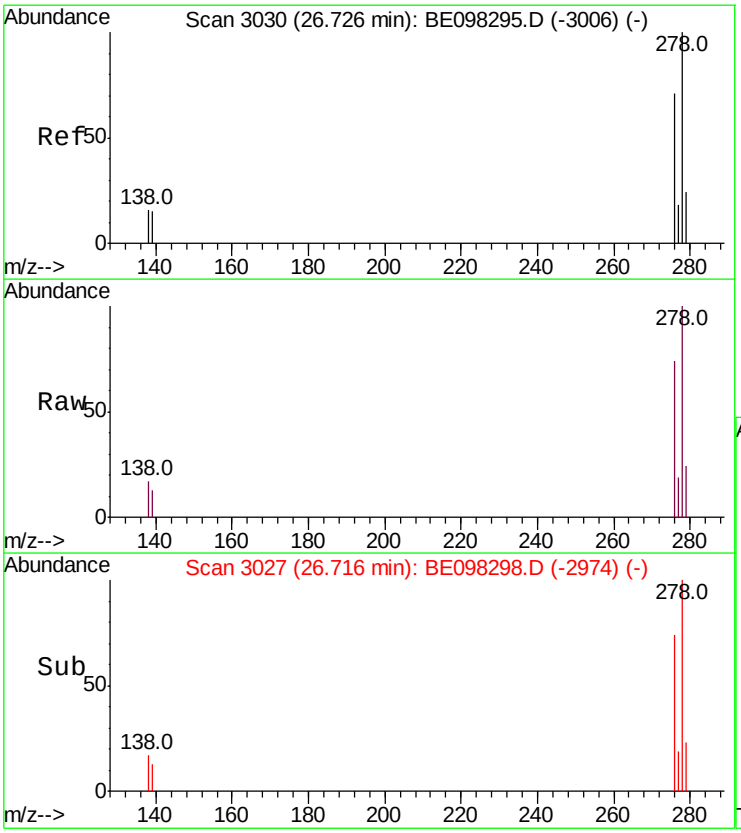
#37
Benzo(a)pyrene
Concen: 3.258 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 107773

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.6	30.8
125	9.5	10.5	15.7#

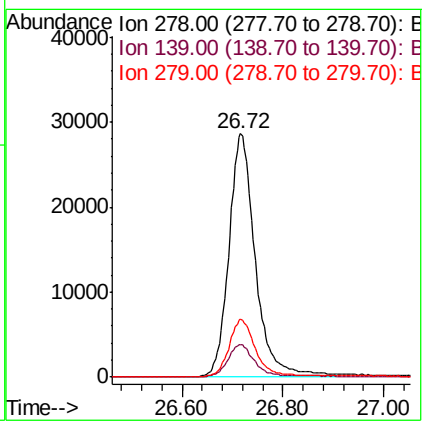


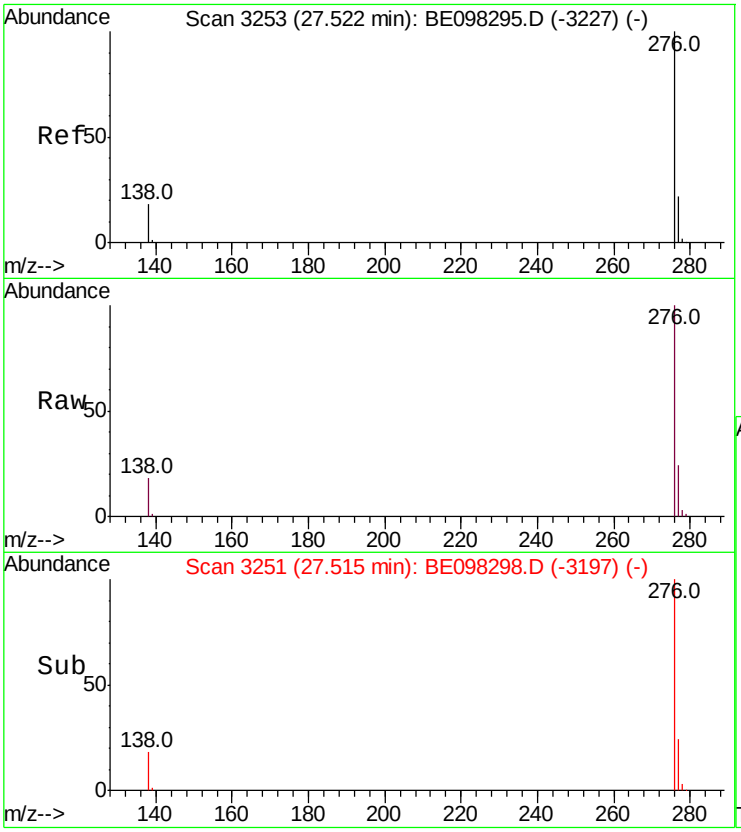


#38
Dibenzo(a,h)anthracene
Concen: 3.313 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Tgt Ion:278 Resp: 103923

Ion	Ratio	Lower	Upper
278	100		
139	13.3	14.5	21.7#
279	23.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 3.286 ng
RT: 27.52 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BE098298.D
Acq: 10 Dec 2018 14:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 103283

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.8	31.2
138	17.9	15.8	23.6