Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098316.D
Acq On : 11 Dec 2018 2:12
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 11 03:22:28 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	1639	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	7037	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	4042	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	10105	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	12253	0.40	ng		0.00
34) Perylene-d12	24.01	264	11842	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	1687	0.44	ng		0.00
5) Phenol-d6	7.04	99	2287	0.42	ng		0.00
8) Nitrobenzene-d5	9.02	82	2628	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4347	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	603	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6684	0.39	ng		0.00
25) Fluoranthene-d10	19.31	212	50073	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	9981	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1111	0.392	ng		98
3) n-Nitrosodimethylamine	3.68	42	1066	0.418	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	2053	0.398	ng		92
9) Naphthalene	10.71	128	27114	0.383	ng		99
10) Hexachlorobutadiene	10.99	225	1763	0.391	ng		99
12) 2-Methylnaphthalene	12.34	142	4139	0.360	ng		99
16) Acenaphthylene	14.24	152	7240	0.382	ng		98
17) Acenaphthene	14.59	154	4317	0.380	ng		98
18) Fluorene	15.57	166	5586	0.367	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	2071	0.381	ng	#	85
21) Hexachlorobenzene	16.58	284	2291	0.392	ng		98
22) Pentachlorophenol	16.94	266	563	0.565	ng		95
23) Phenanthrene	17.32	178	9500	0.387	ng		99
24) Anthracene	17.41	178	8188	0.374	ng		100
26) Fluoranthene	19.34	202	12483	0.384	ng		100
28) Pyrene	19.70	202	12999	0.338	ng		99
30) Benzo(a)anthracene	21.45	228	13120	0.376	ng		98
31) Chrysene	21.50	228	13997	0.383	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	25782	0.364	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14350	0.395	ng		98
35) Benzo(b)fluoranthene	23.23	252	12166	0.376	ng		97
36) Benzo(k)fluoranthene	23.28	252	13767	0.365	ng		98
37) Benzo(a)pyrene	23.89	252	12407	0.371	ng		97
38) Dibenzo(a,h)anthracene	26.73	278	11818	0.375	ng		99
39) Benzo(g,h,i)perylene	27.53	276	12111	0.382	ng		100

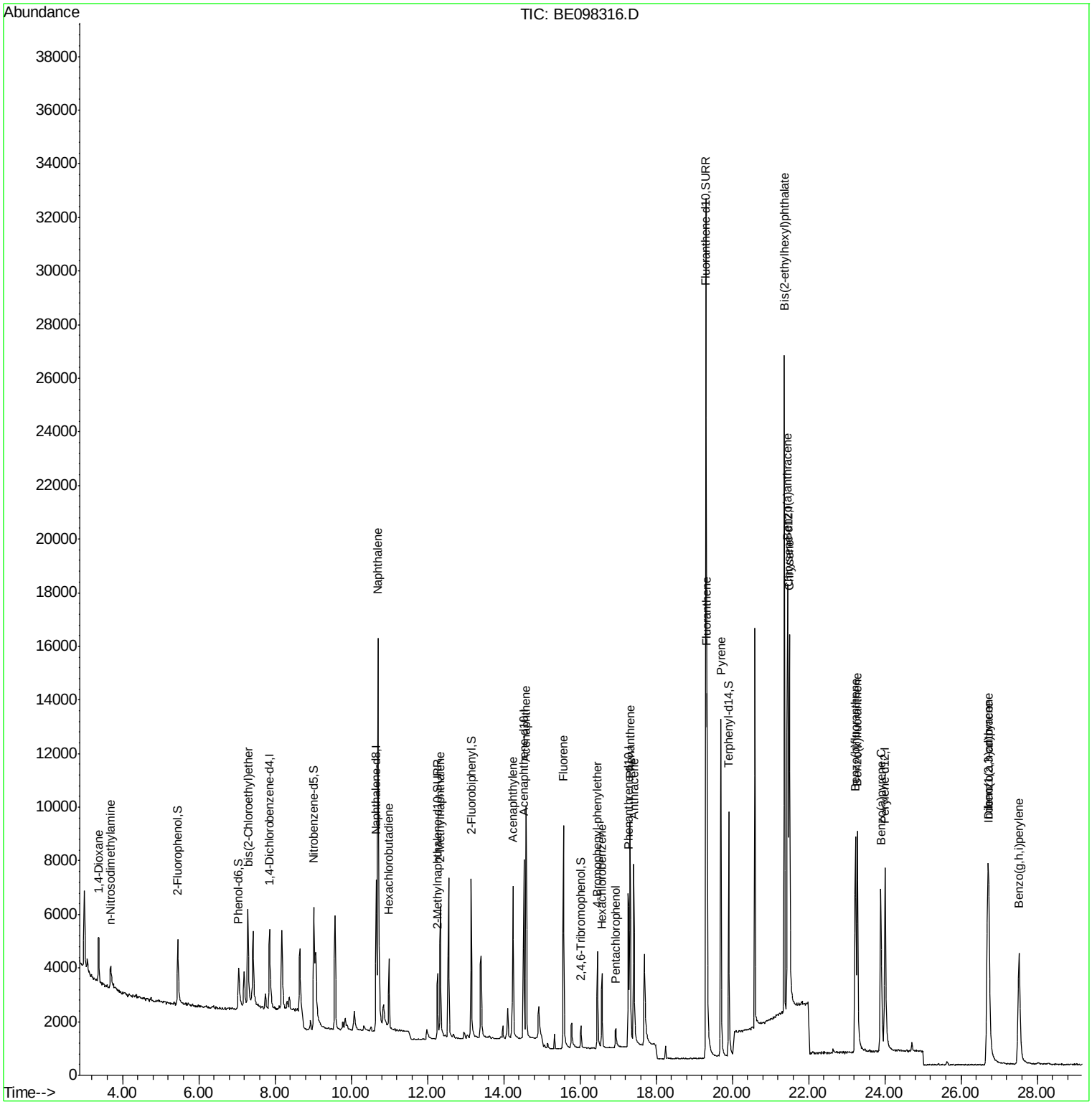
(#) = qualifier out of range (m) = manual integration (+) = signals summed

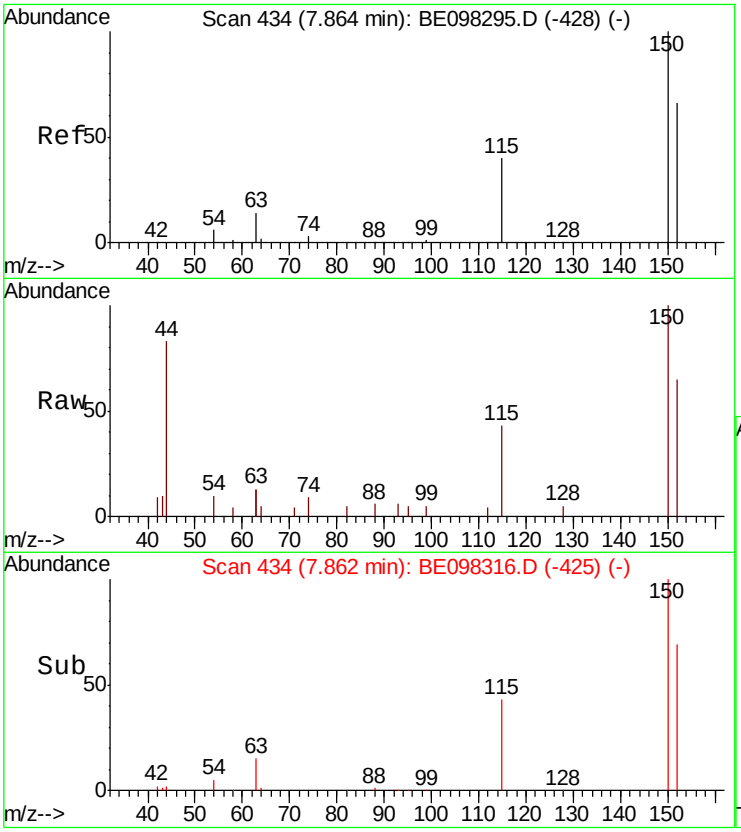
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098316.D
Acq On : 11 Dec 2018 2:12
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 11 03:16:59 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



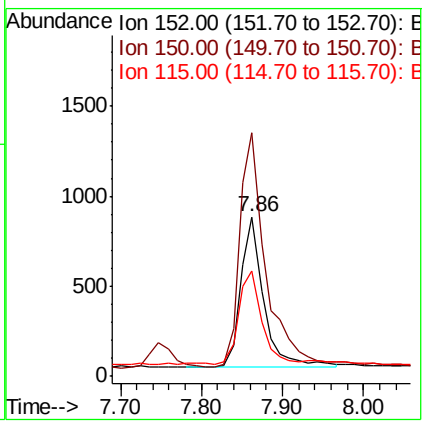


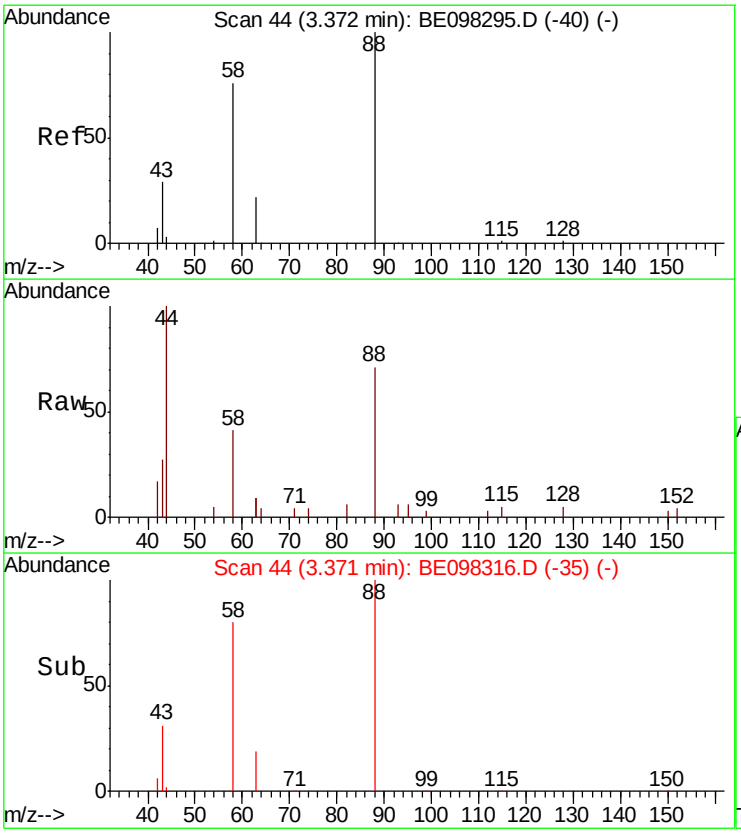
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1639

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.2	186.4
115	65.8	53.9	80.9

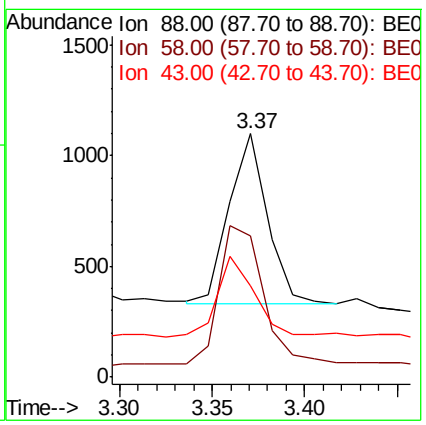


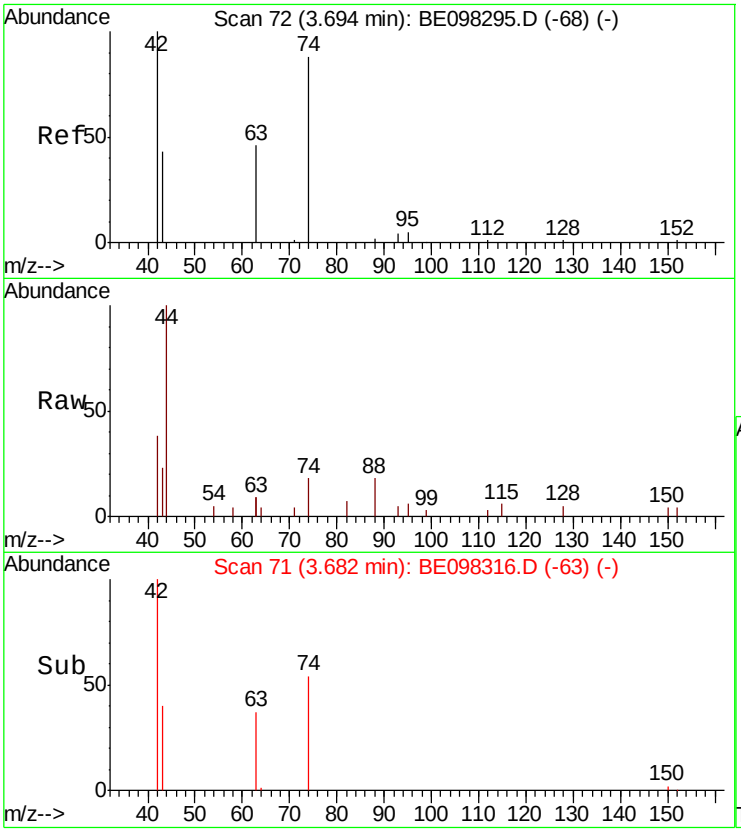


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion: 88 Resp: 1111

Ion	Ratio	Lower	Upper
88	100		
58	96.5	75.0	112.6
43	48.6	38.3	57.5



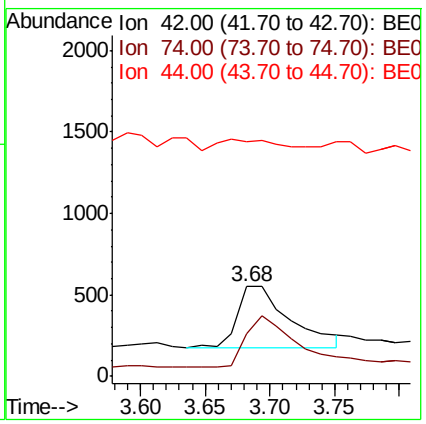


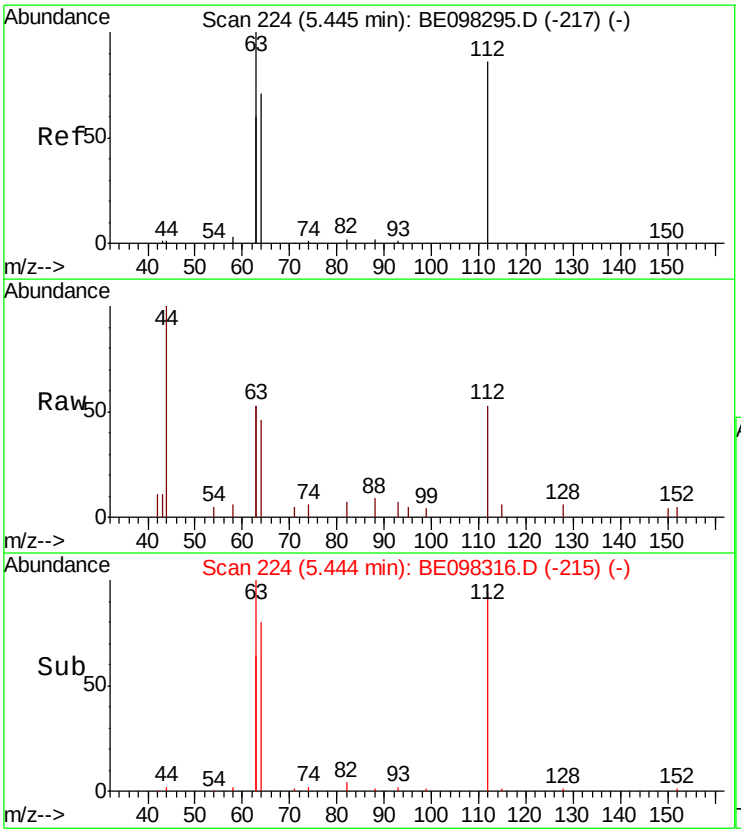
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1066

Ion	Ratio	Lower	Upper
42	100		
74	80.3	0.0	0.0#
44	0.0	0.0	0.0

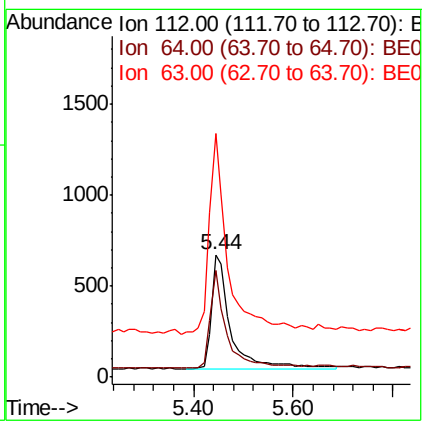


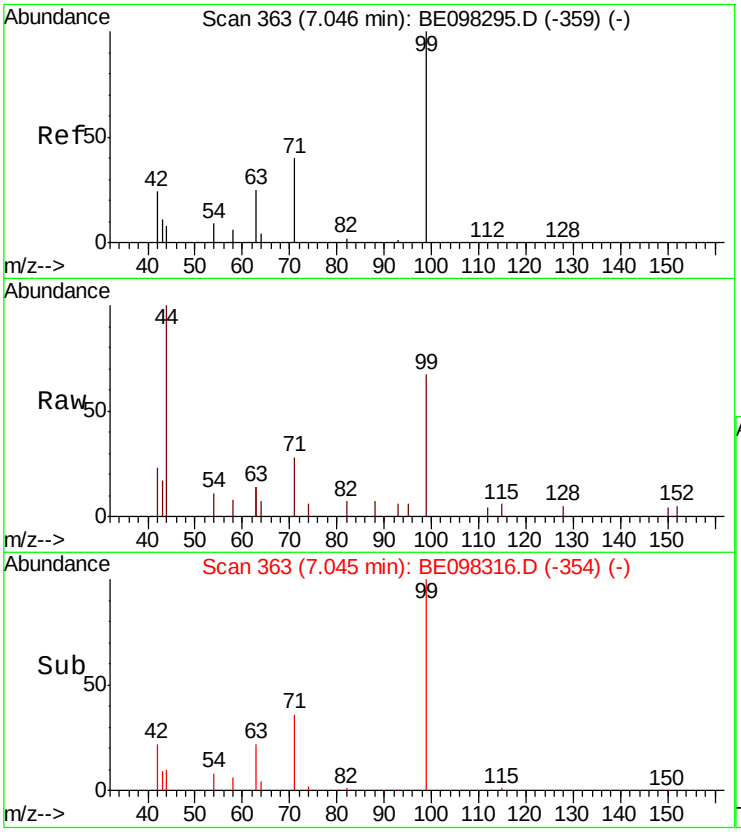


#4
2-Fluorophenol
Concen: 0.440 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:112 Resp: 1687

Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.8	89.8
63	172.4	133.7	200.5



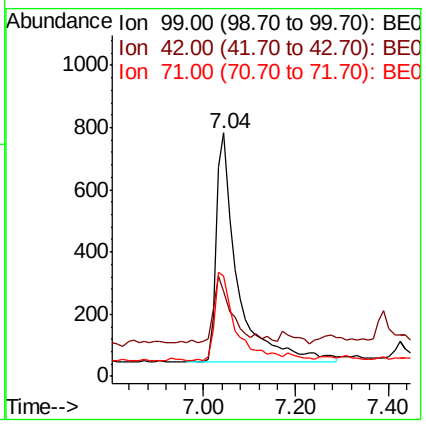


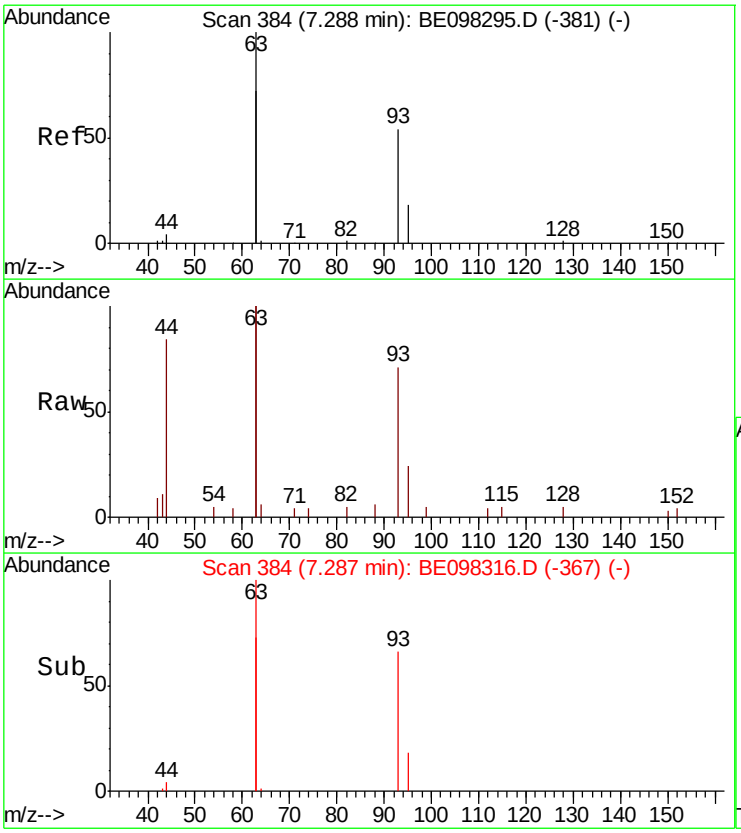
#5
Phenol-d6
Concen: 0.421 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2287

Ion	Ratio	Lower	Upper
99	100		
42	23.5	26.3	39.5#
71	37.0	33.6	50.4

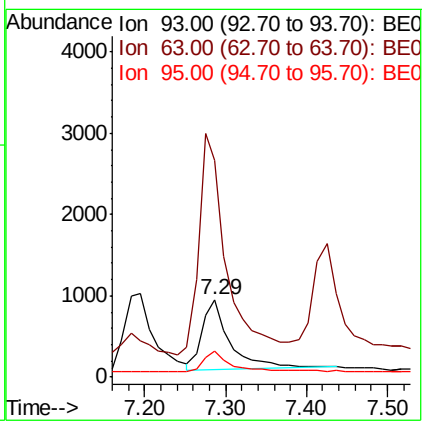


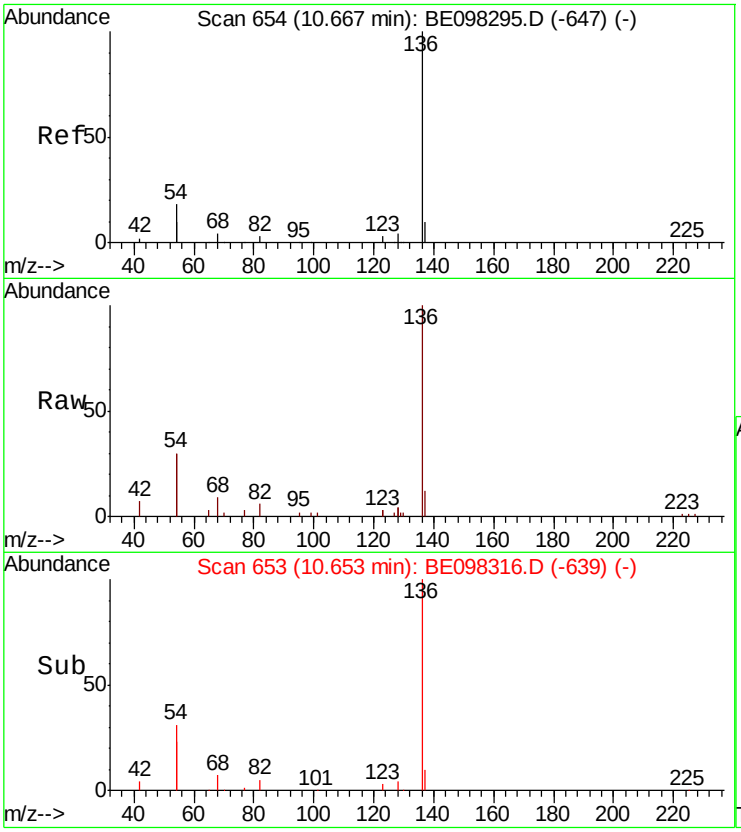


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion: 93 Resp: 2053

Ion	Ratio	Lower	Upper
93	100		
63	312.8	264.4	396.6
95	31.1	26.6	40.0



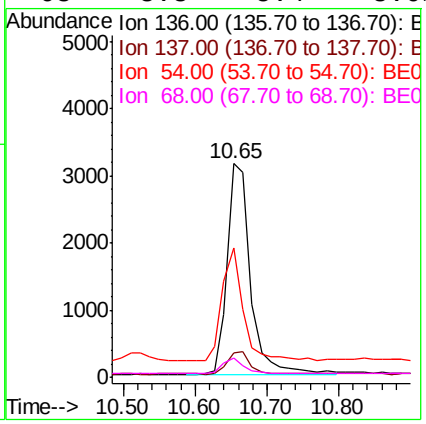


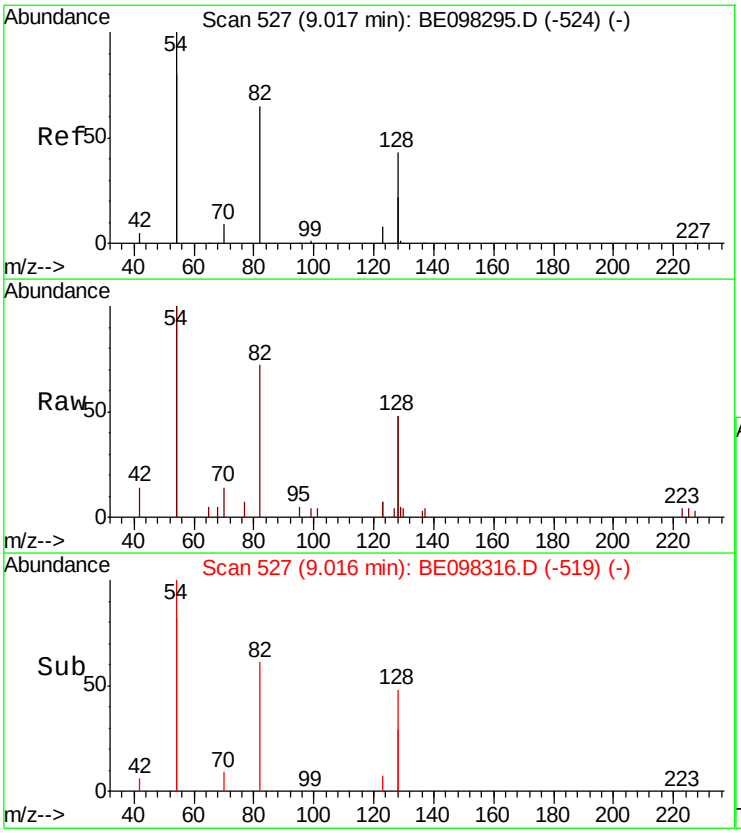
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7037

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	60.7	28.4	42.6#
68	8.8	5.4	8.0#

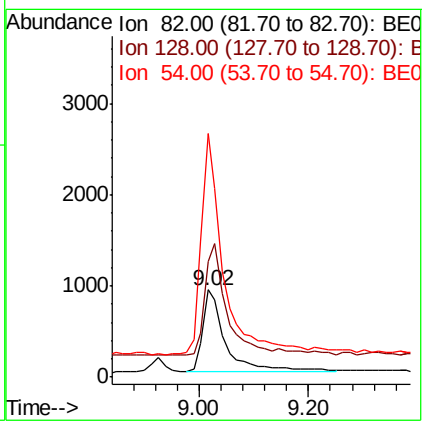


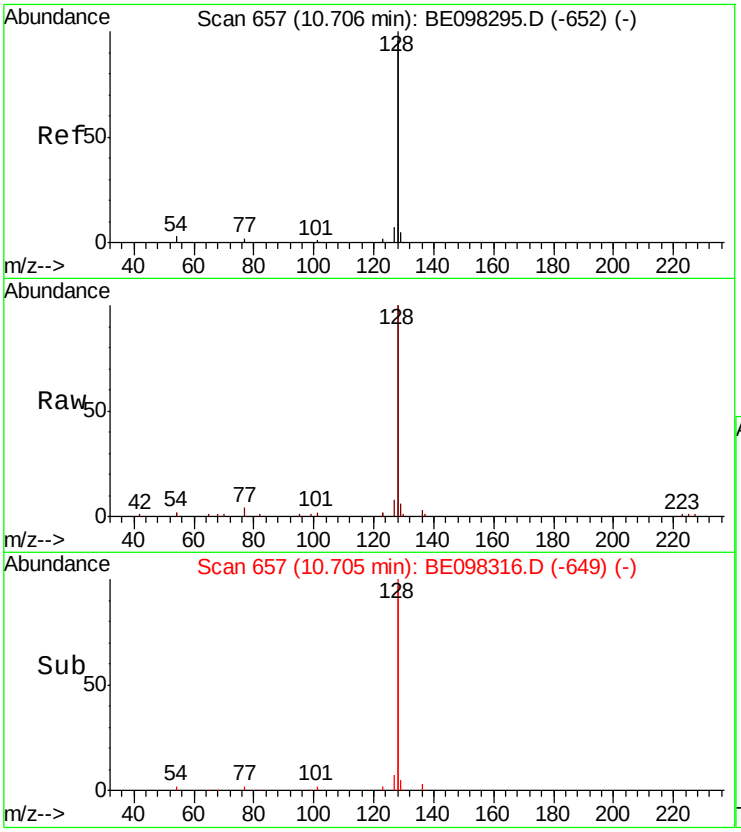


#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion: 82 Resp: 2628

Ion	Ratio	Lower	Upper
82	100		
128	133.0	102.4	153.6
54	278.7	221.8	332.8



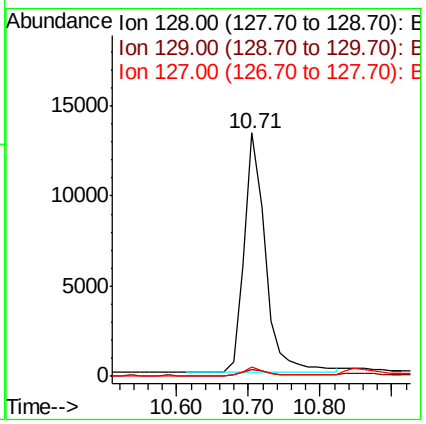


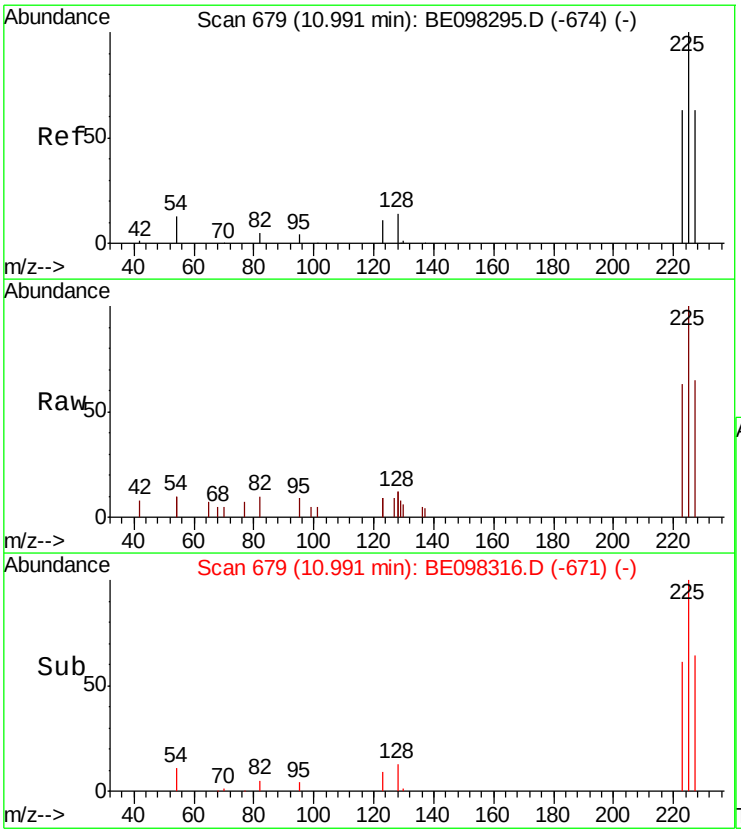
#9
Naphthalene
Concen: 0.383 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 27114

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.8	2.7	4.1

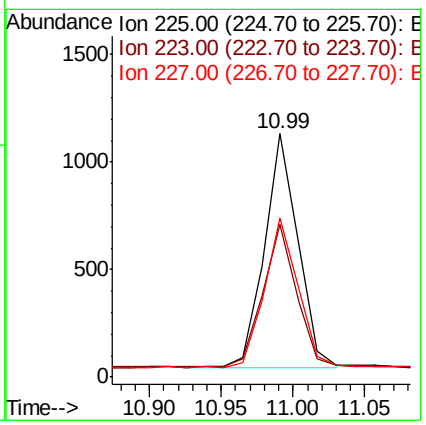


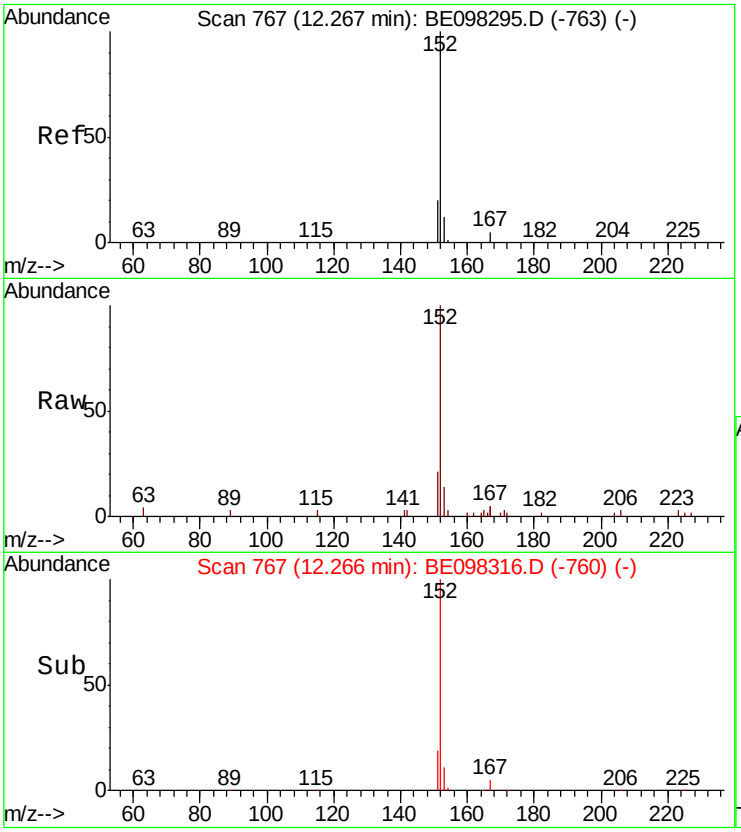


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:225 Resp: 1763

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.4	74.0
227	64.3	52.0	78.0



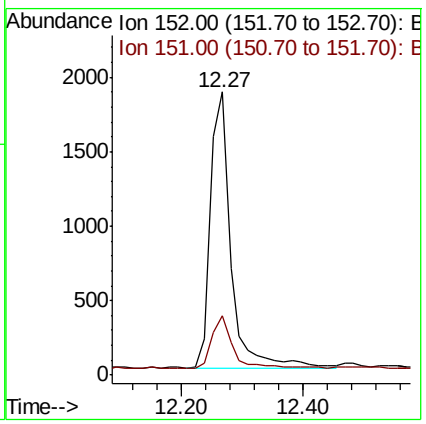


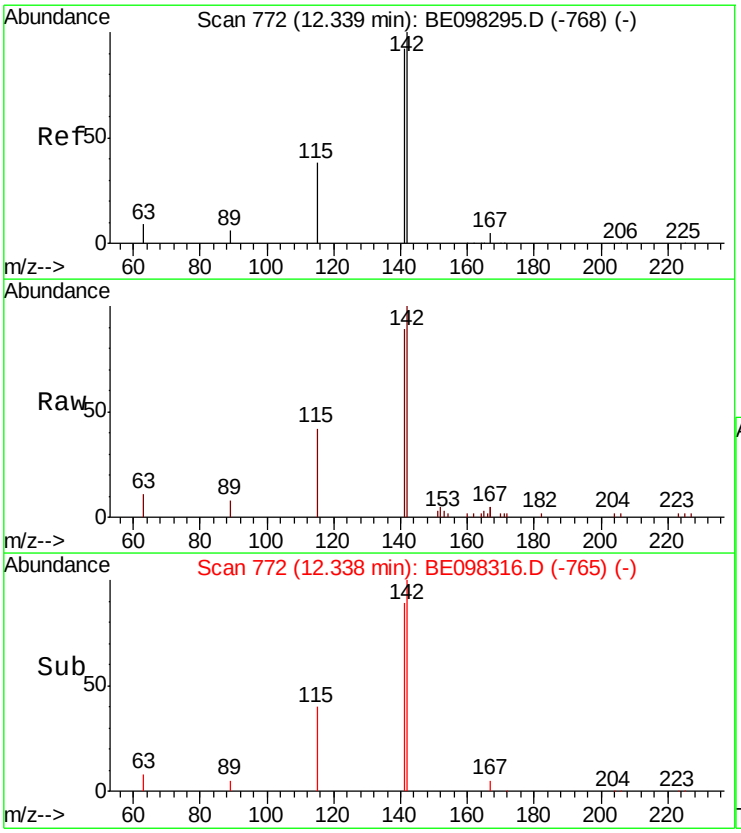
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4347

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4

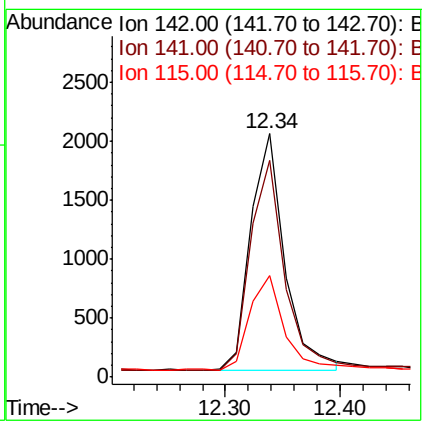


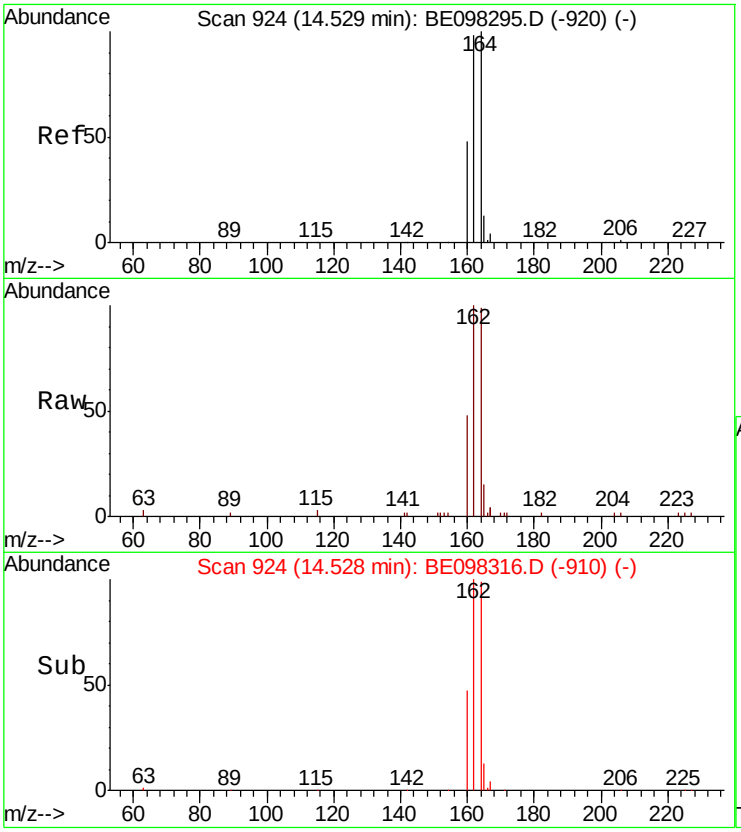


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:142 Resp: 4139

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	41.6	32.2	48.2



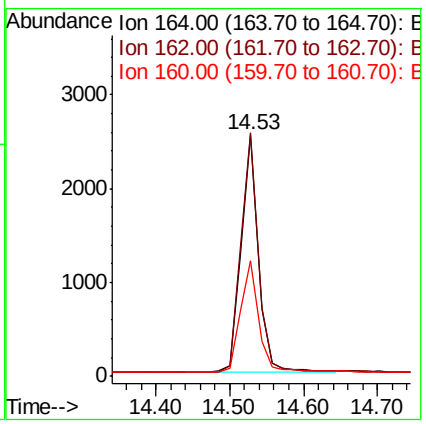


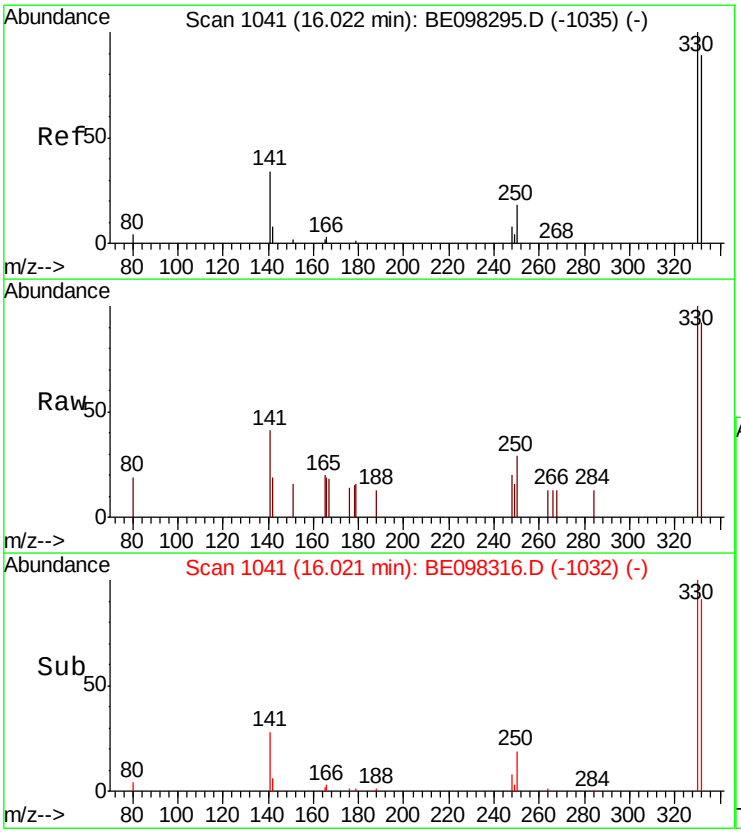
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4042

Ion	Ratio	Lower	Upper
164	100		
162	100.9	77.6	116.4
160	47.9	36.0	54.0

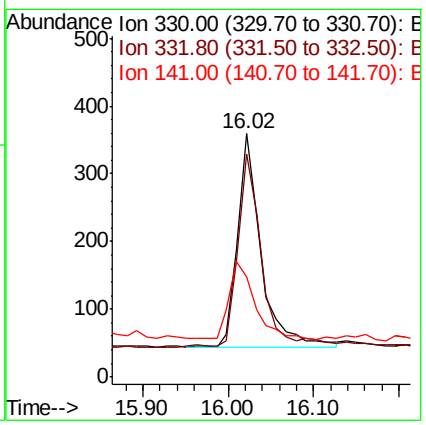


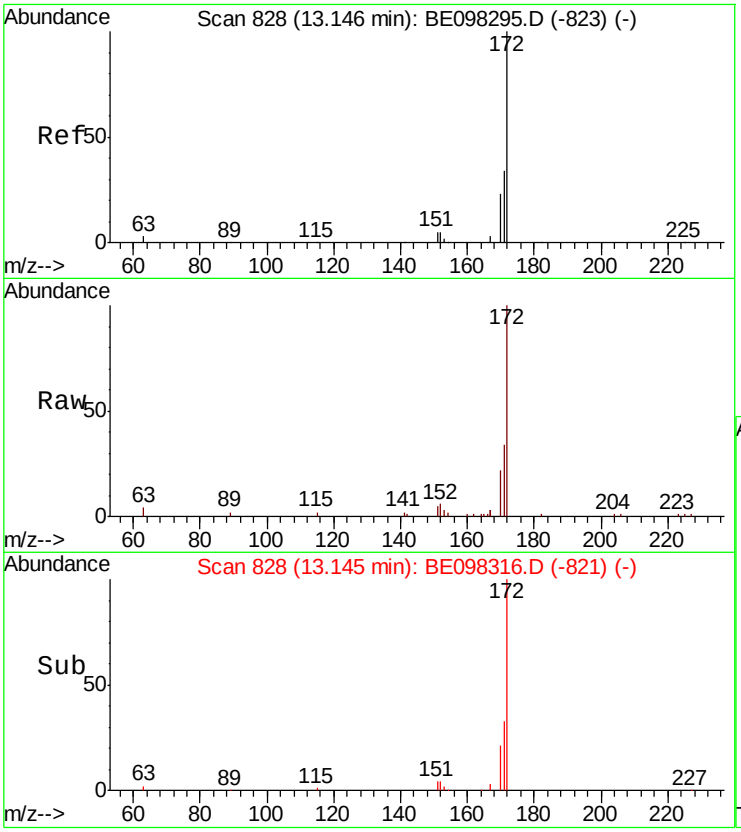


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:330 Resp: 603

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	40.3	39.0	58.4



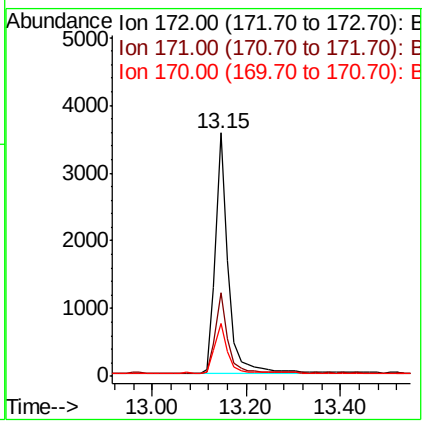


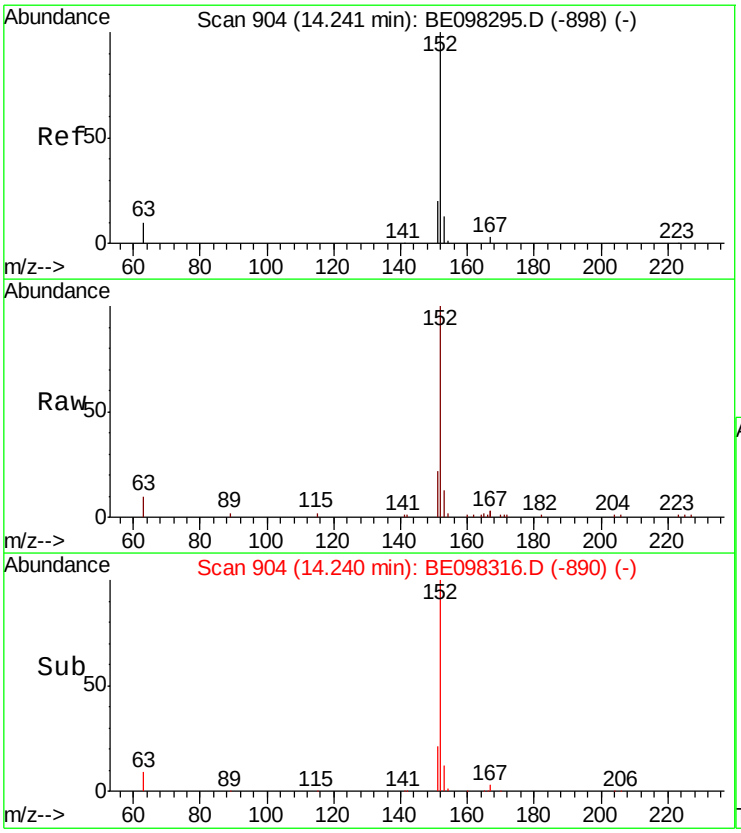
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 6684

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.5	41.3
170	22.0	19.6	29.4

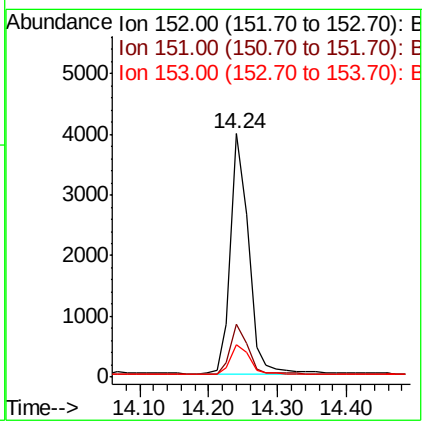


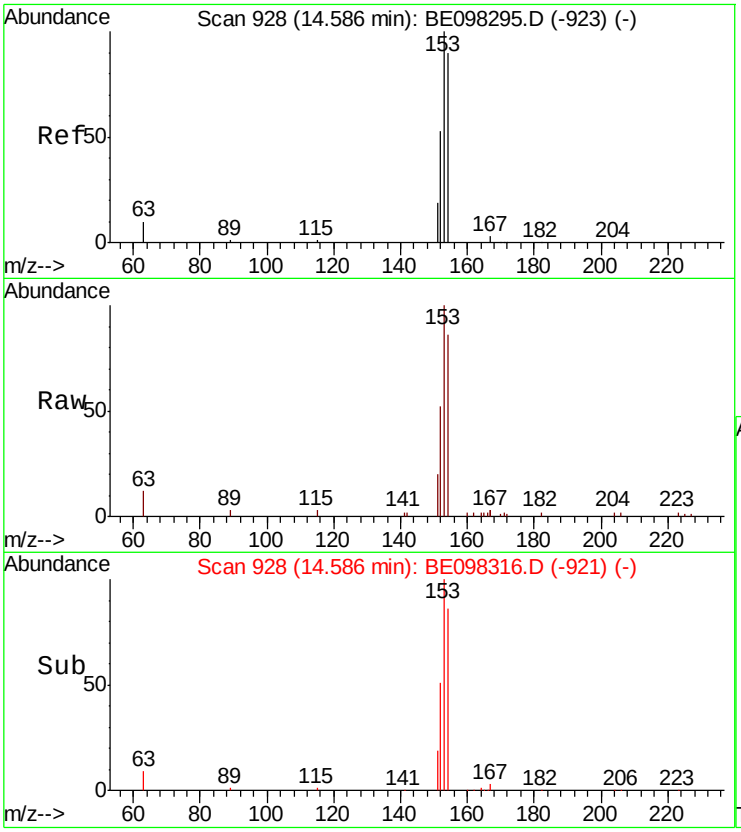


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:152 Resp: 7240

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.1	10.6	16.0



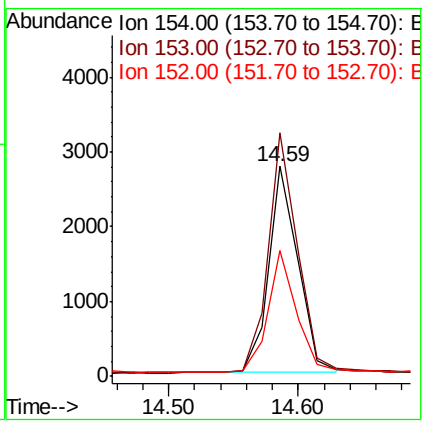


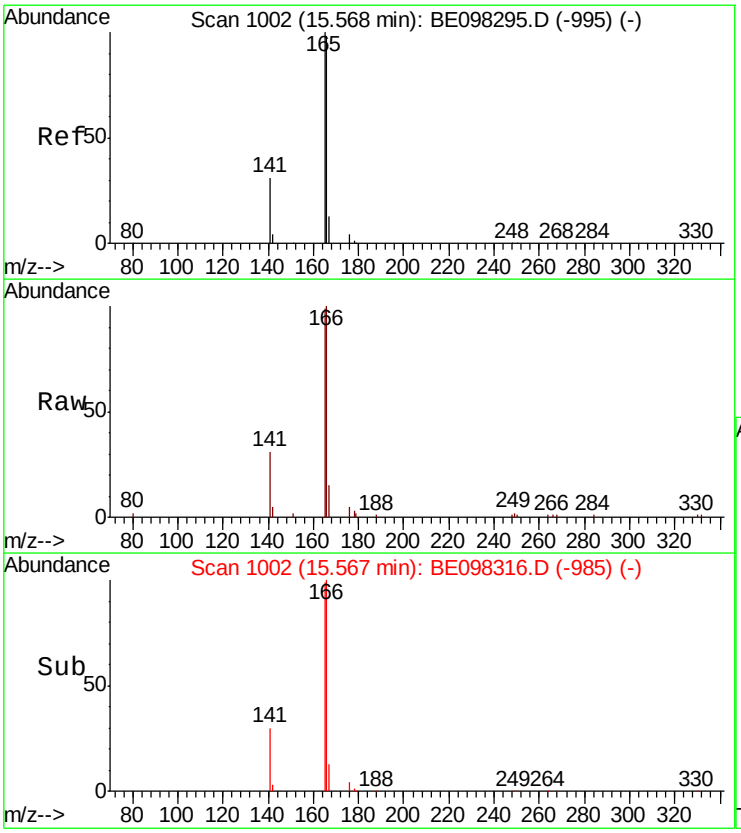
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4317

Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.8	137.6
152	58.0	45.5	68.3

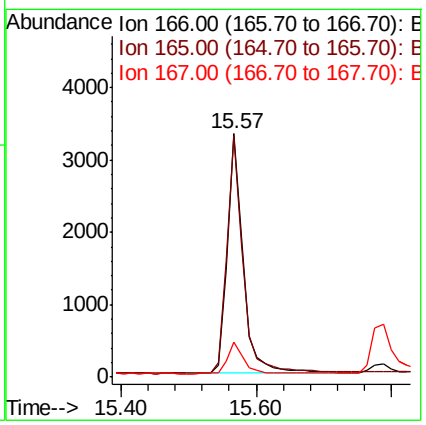


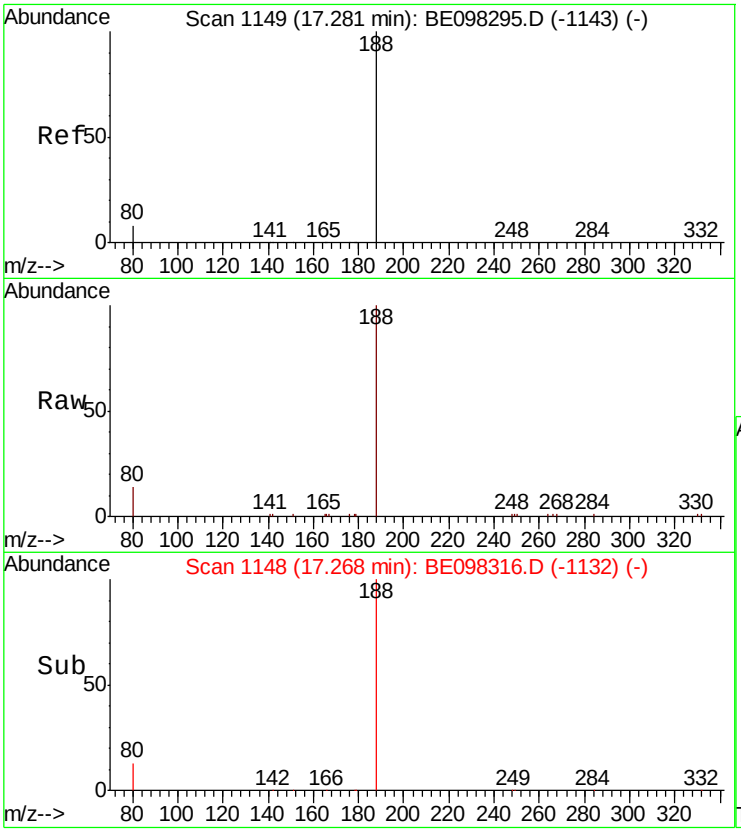


#18
Fluorene
Concen: 0.367 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:166 Resp: 5586

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.3	118.9
167	13.9	11.3	16.9



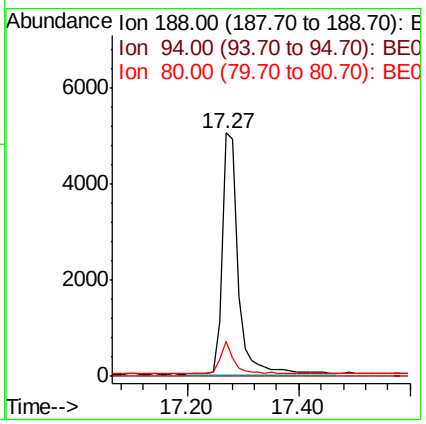


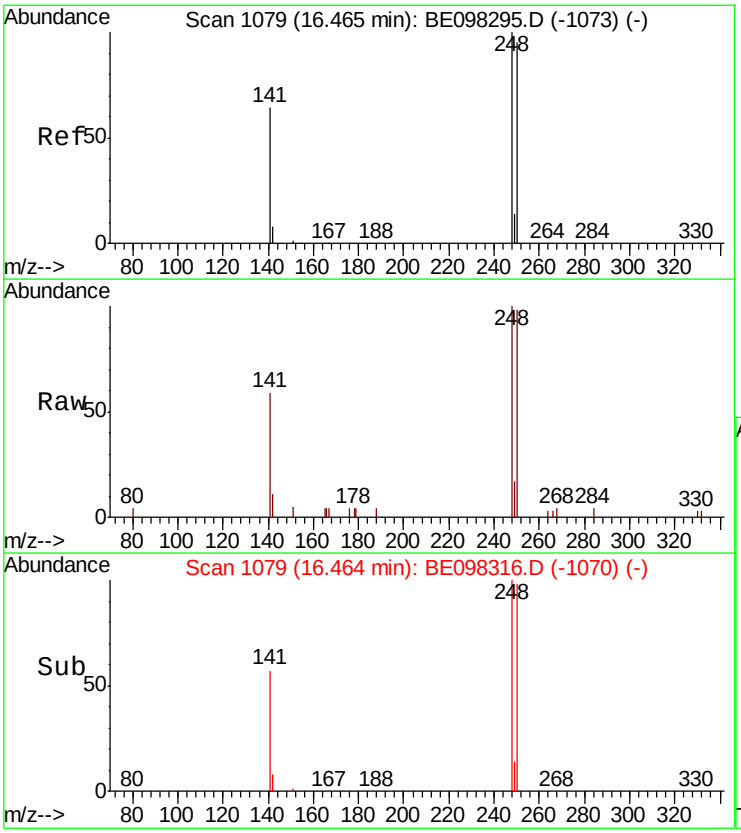
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 10105

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	7.2	10.8#

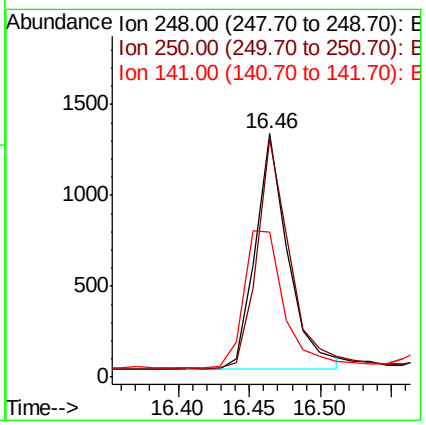


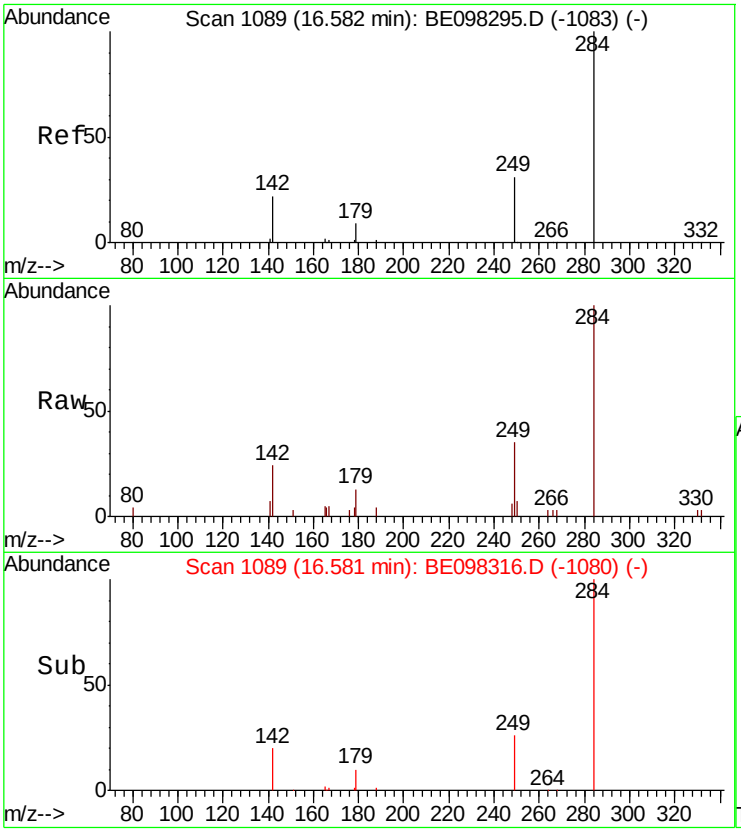


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:248 Resp: 2071

Ion	Ratio	Lower	Upper
248	100		
250	98.2	71.0	106.6
141	59.4	62.1	93.1#



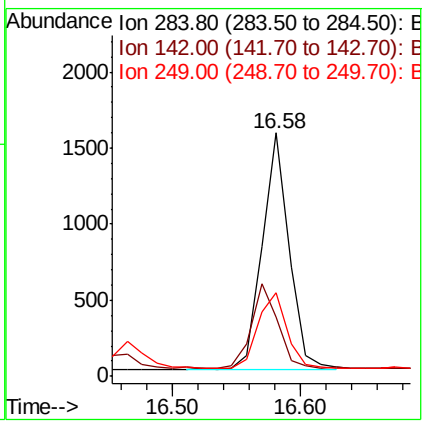


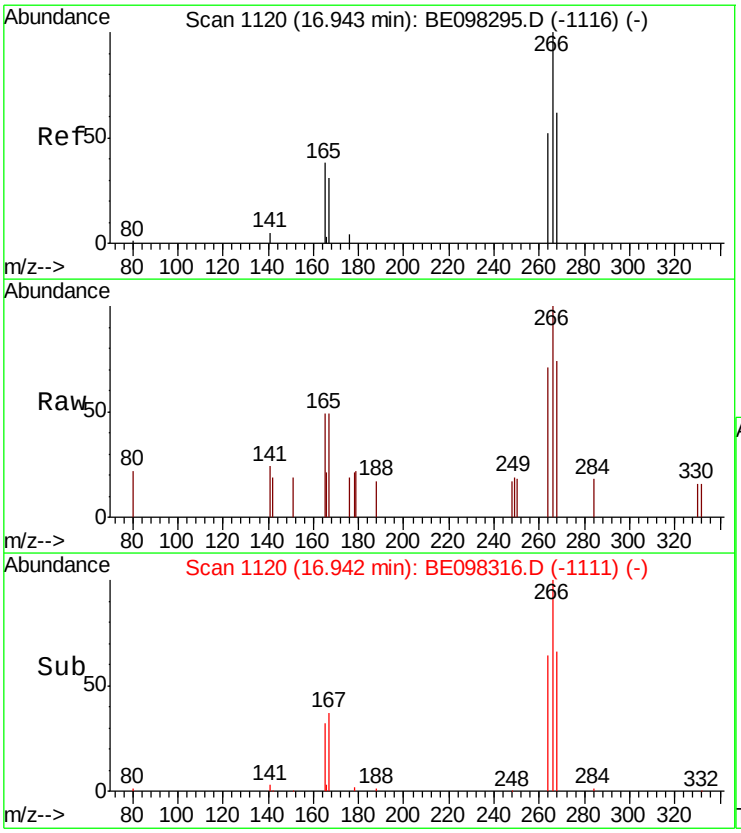
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2291

Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.3	39.5
249	33.5	26.0	39.0

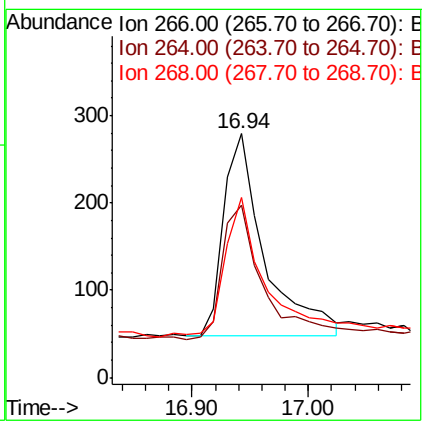


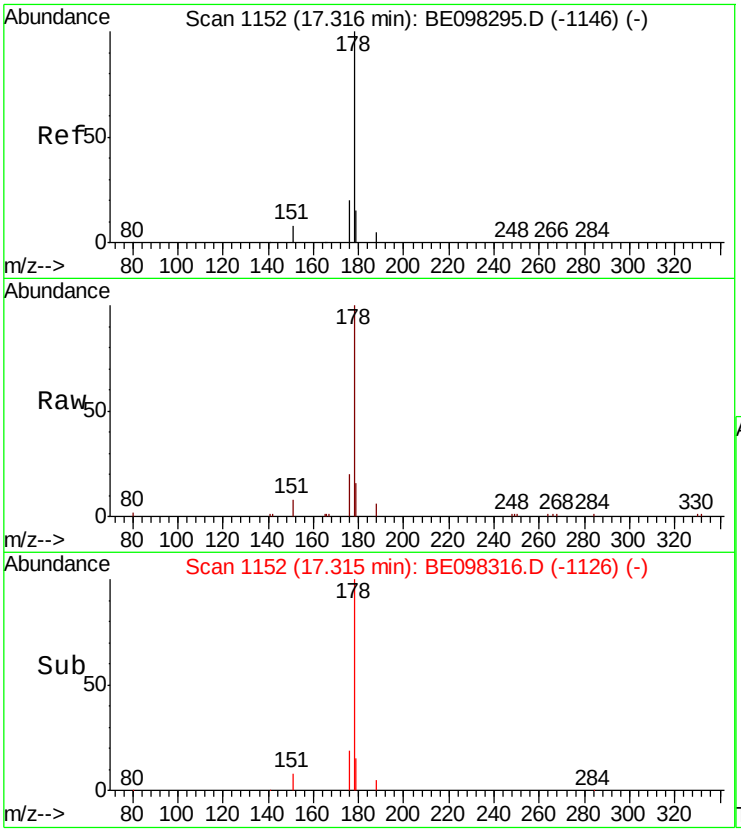


#22
Pentachlorophenol
Concen: 0.565 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:266 Resp: 563

Ion	Ratio	Lower	Upper
266	100		
264	71.0	59.0	88.4
268	73.8	55.1	82.7



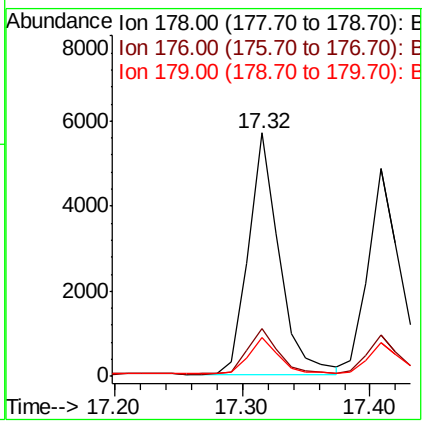


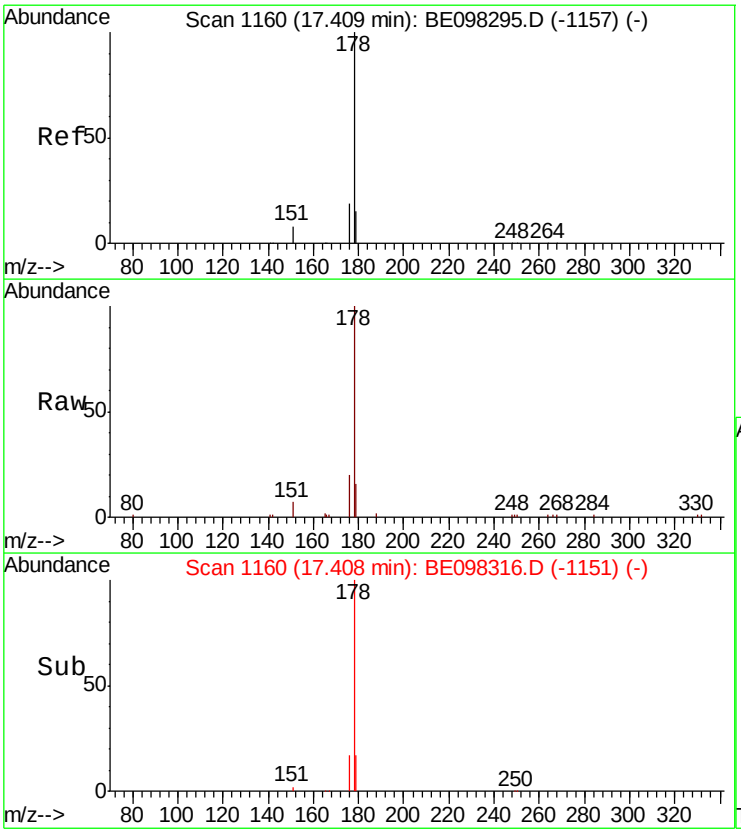
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 9500

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.1	12.3	18.5

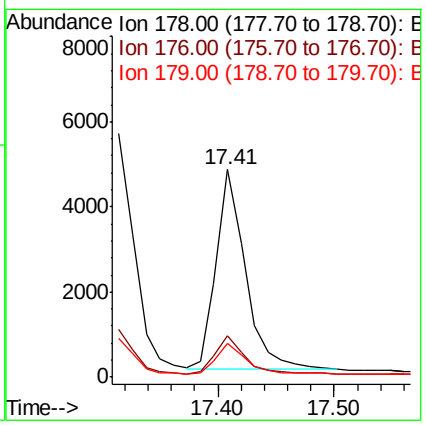


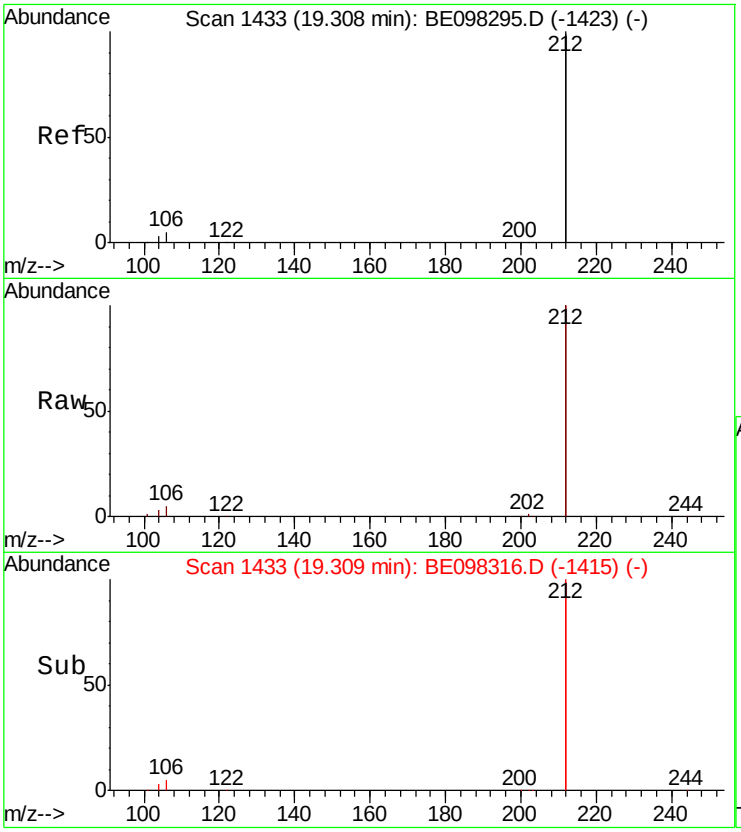


#24
Anthracene
Concen: 0.374 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:178 Resp: 8188

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



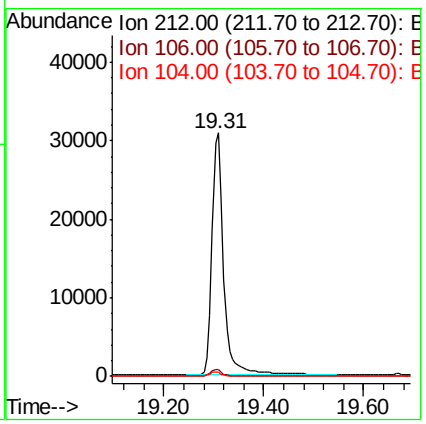


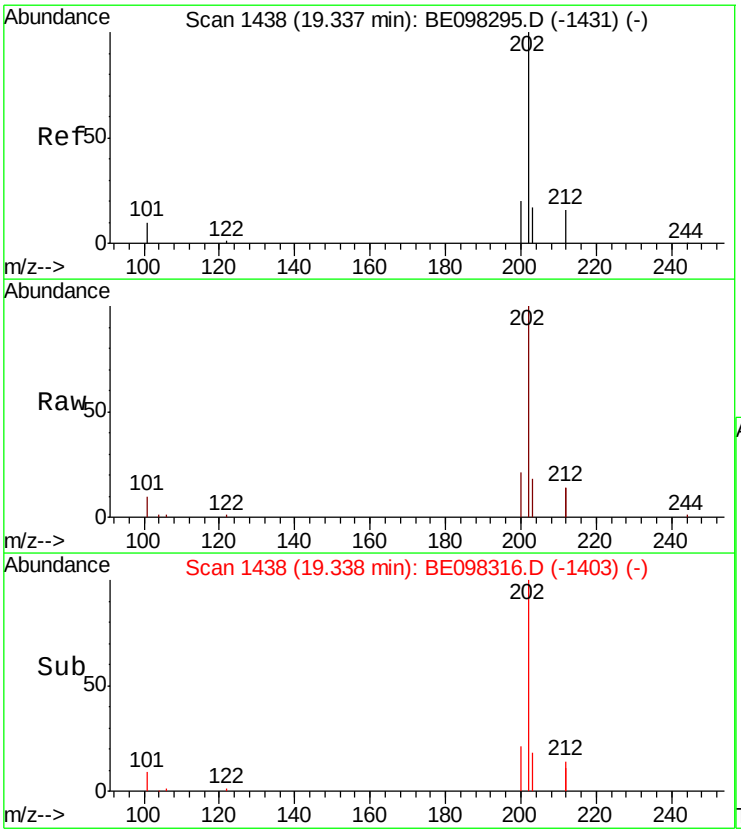
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 50073

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.6	1.3	1.9

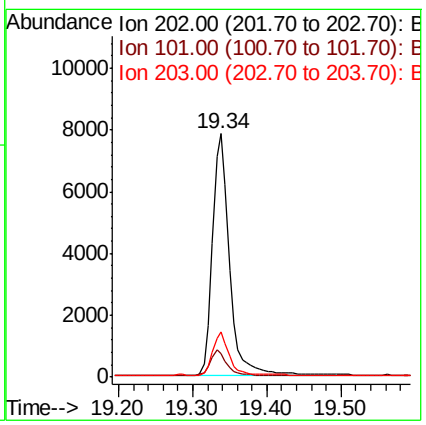


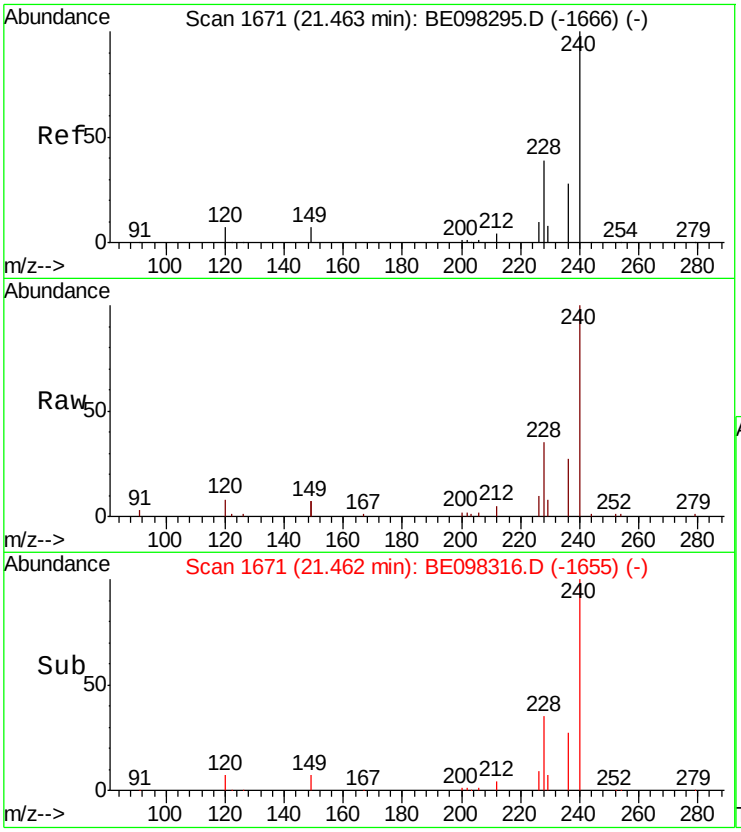


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:202 Resp: 12483

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
203	17.1	13.8	20.6



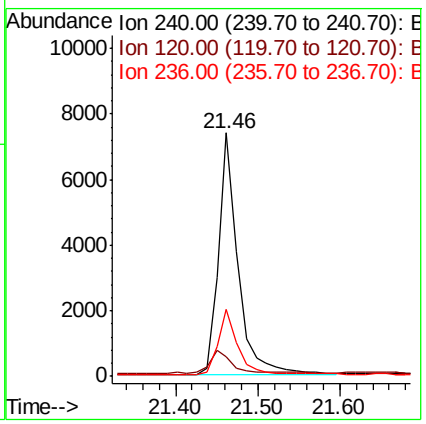


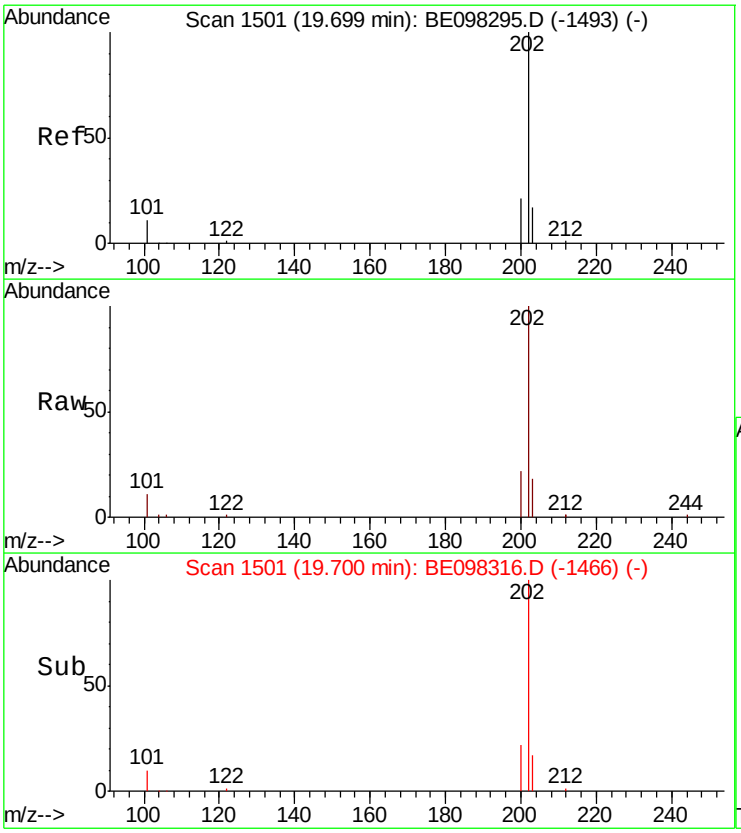
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12253

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	27.3	22.7	34.1

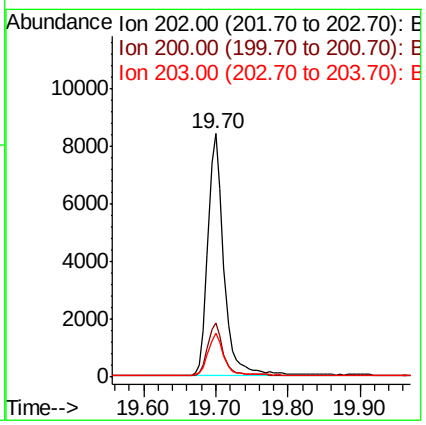


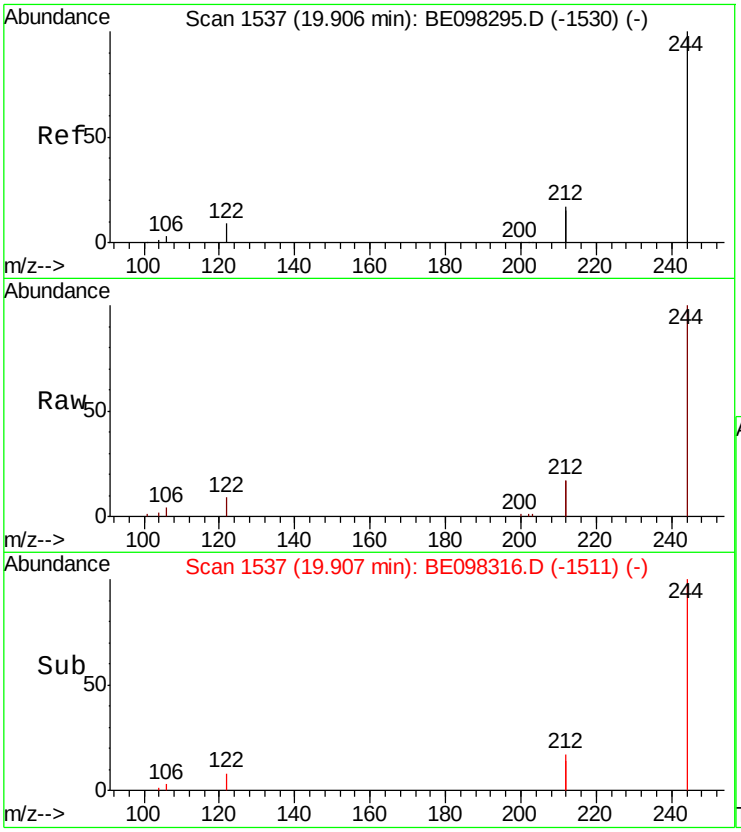


#28
Pyrene
Concen: 0.338 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:202 Resp: 12999

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.3	14.1	21.1



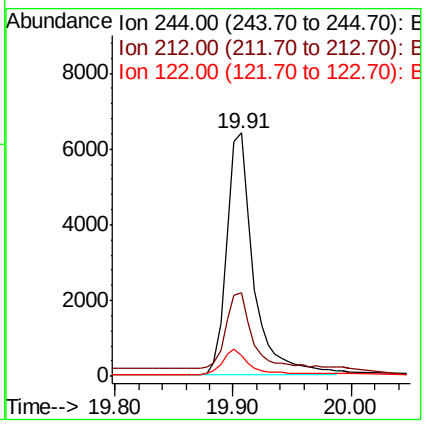


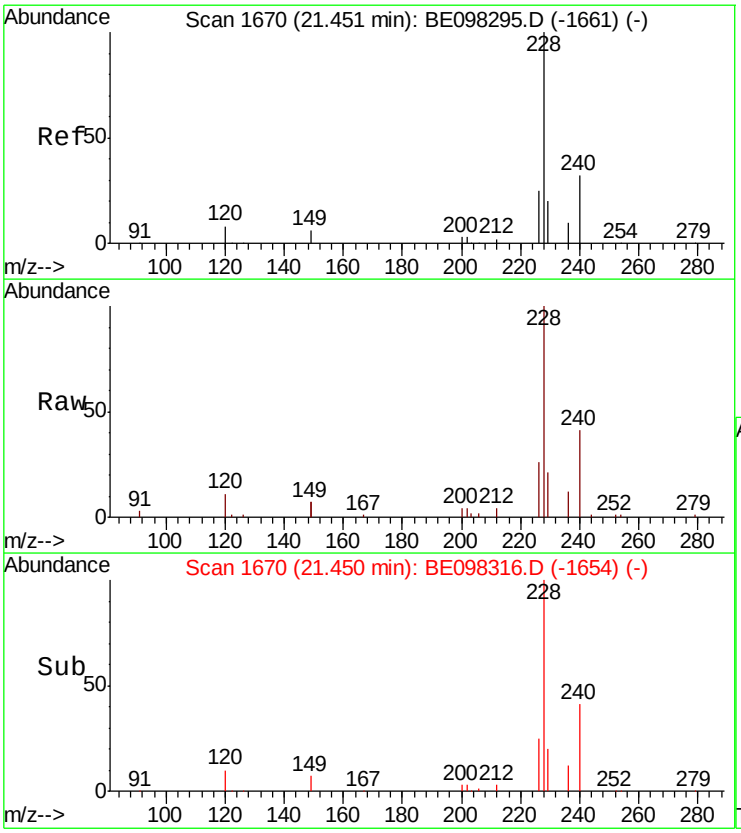
#29
Terphenyl-d14
Concen: 0.335 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9981

Ion	Ratio	Lower	Upper
244	100		
212	34.2	27.4	41.0
122	8.8	8.3	12.5

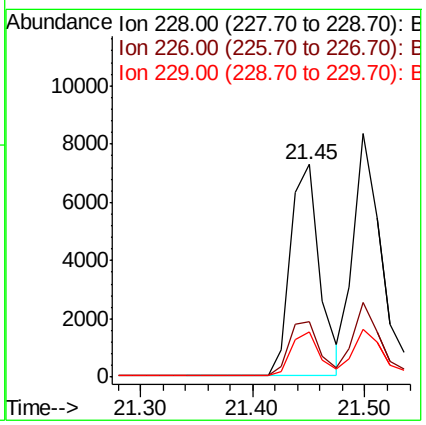


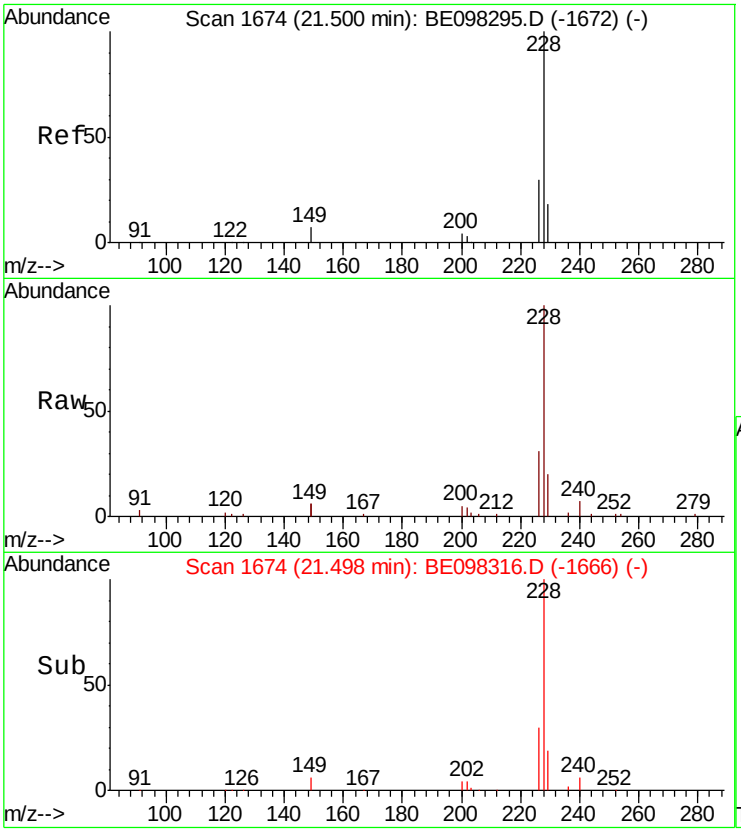


#30
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:228 Resp: 13120

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	21.0	16.3	24.5



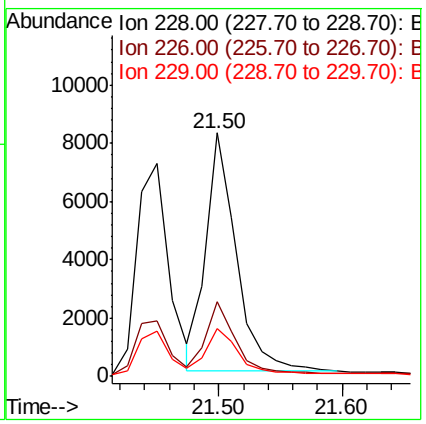


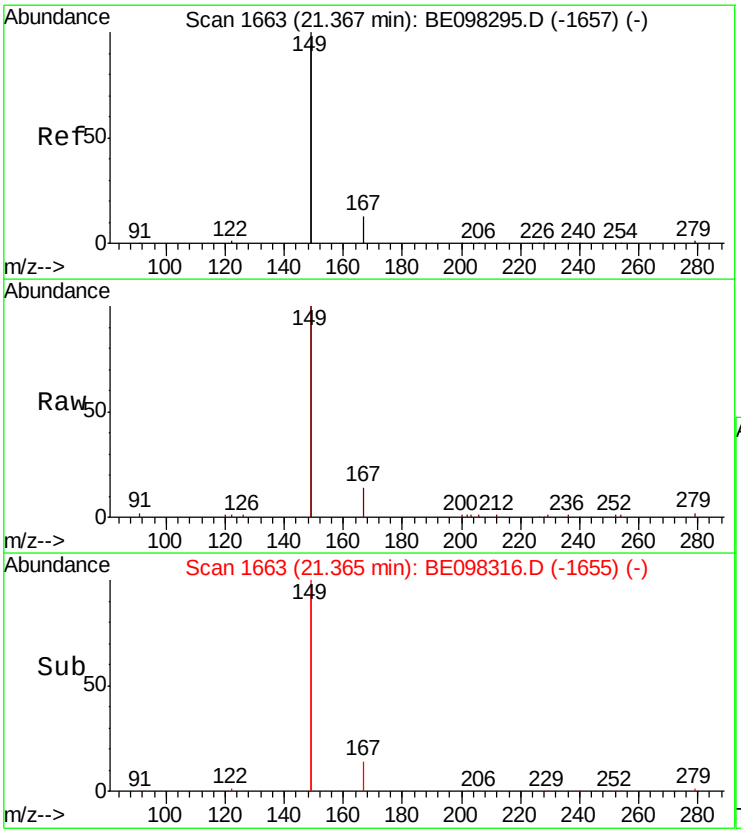
#31
Chrysene
Concen: 0.383 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 13997

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	19.8	16.2	24.4

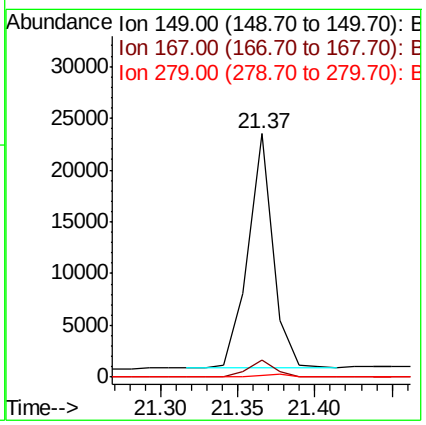


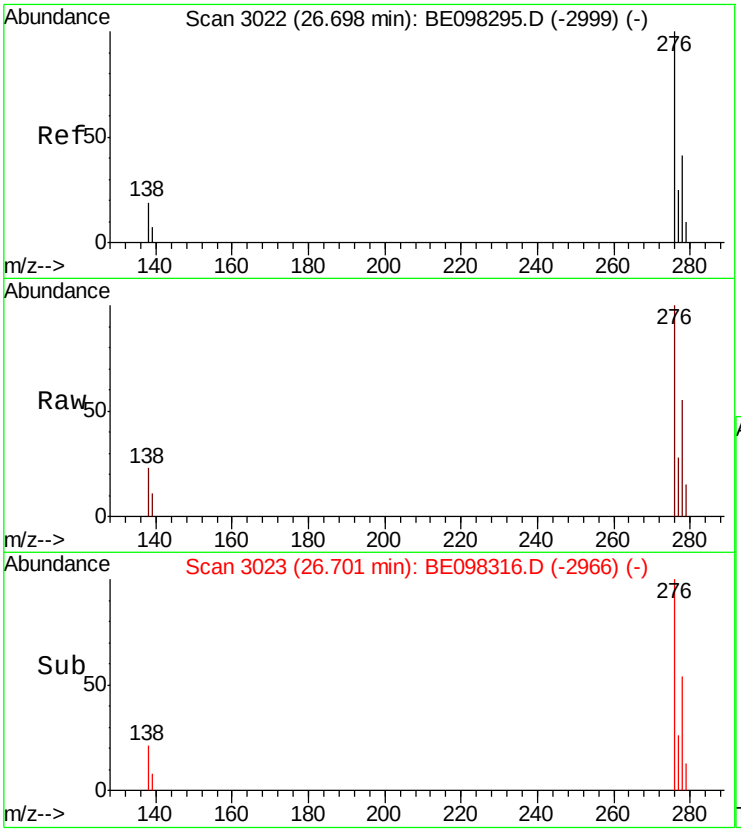


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:149 Resp: 25782

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.2	1.0	1.4



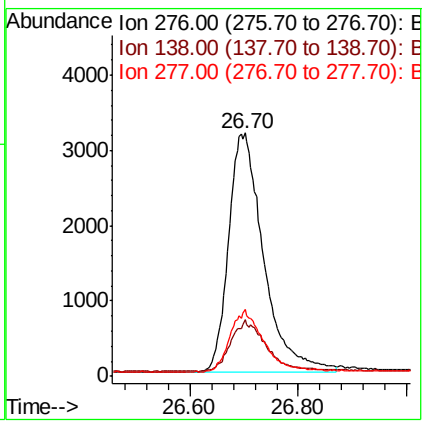


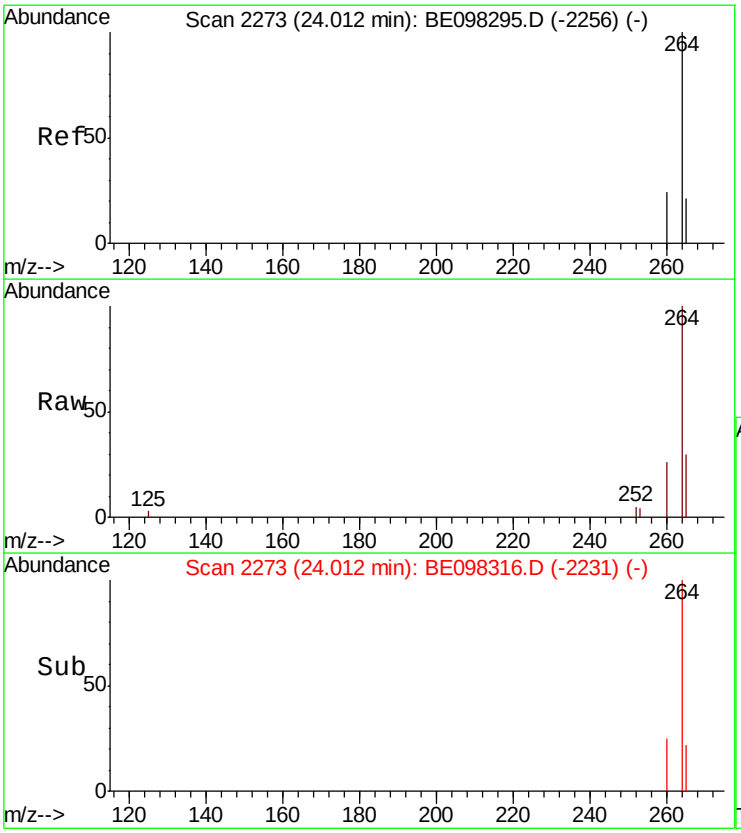
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14350

Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.3	24.5
277	24.4	20.2	30.4

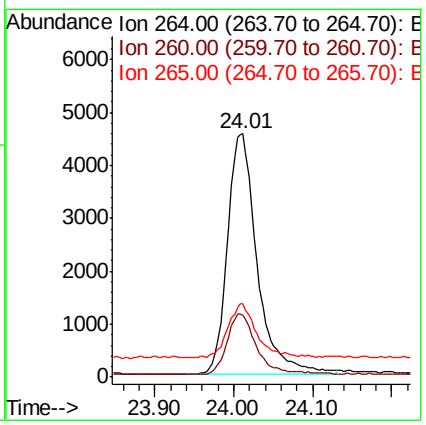


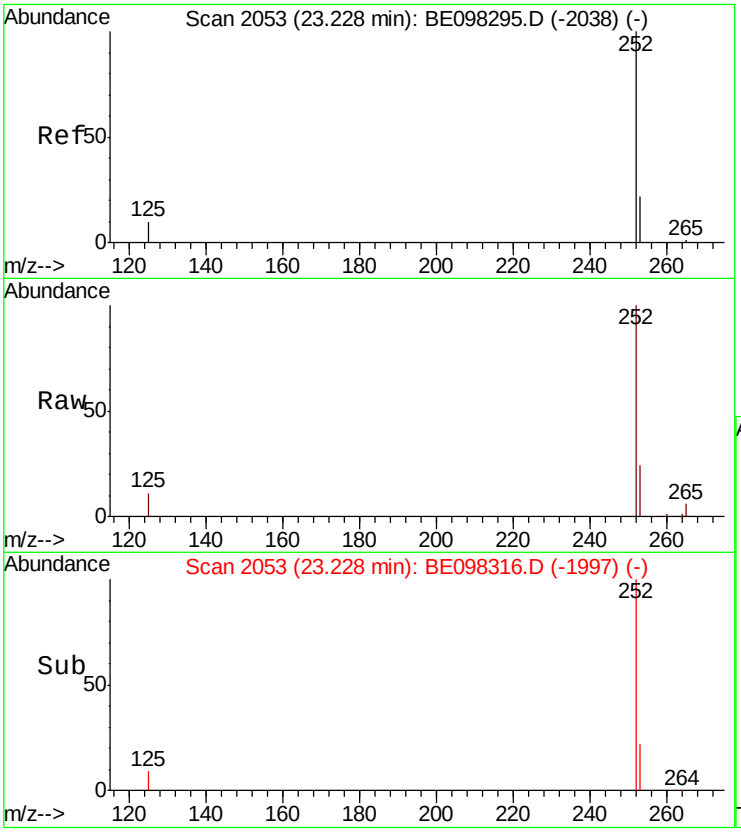


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:264 Resp: 11842

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	30.0	25.2	37.8



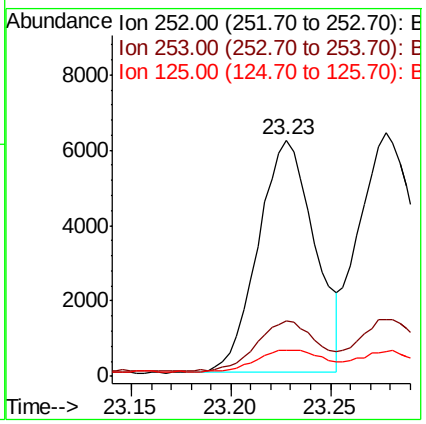


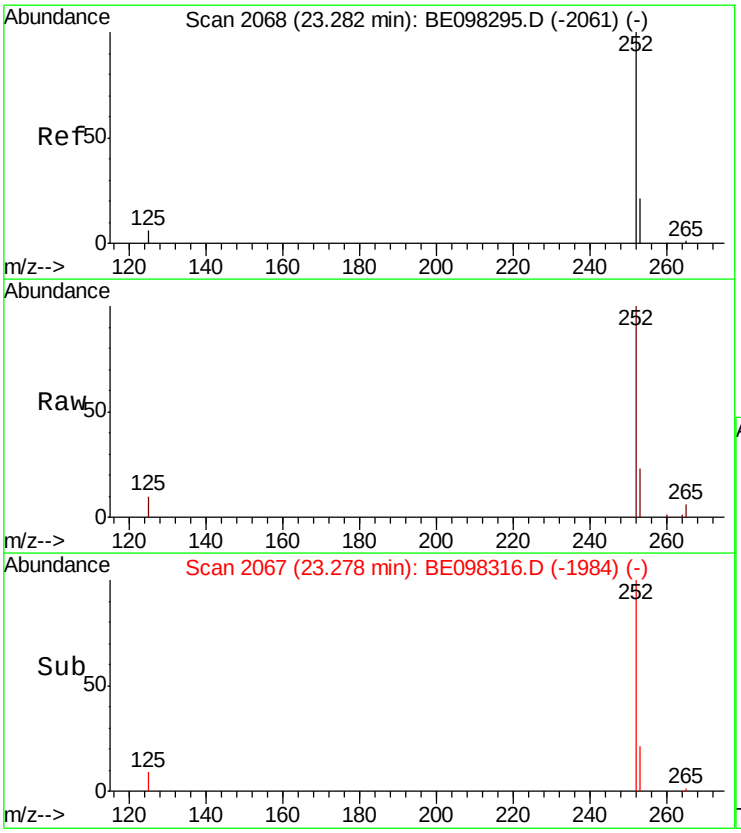
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12166

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	11.0	9.6	14.4

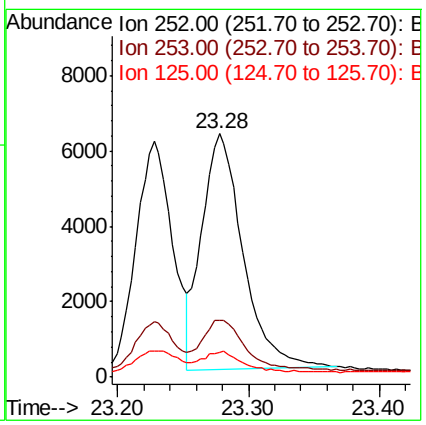


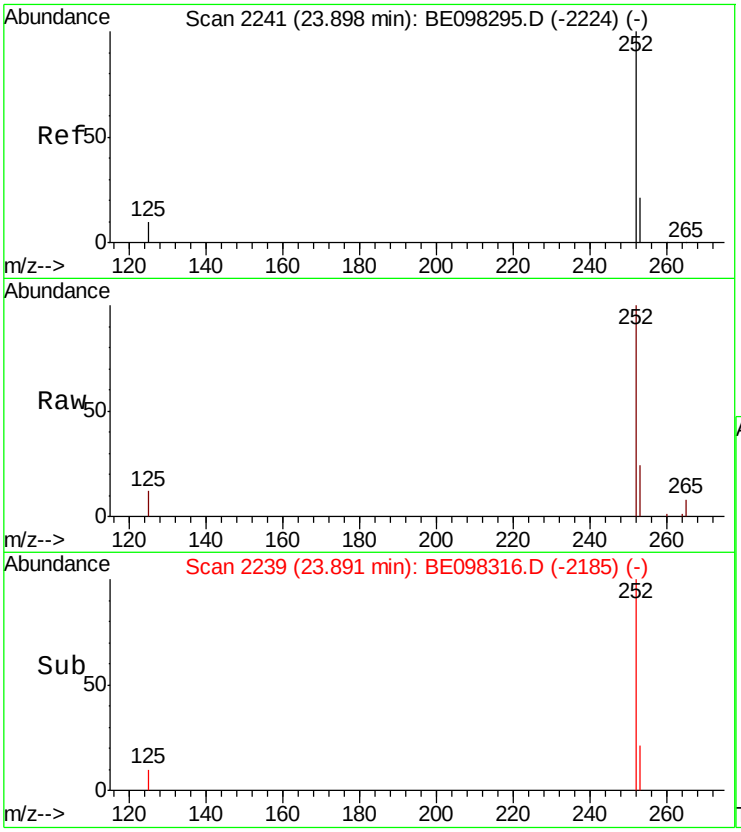


#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:252 Resp: 13767

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.6
125	10.4	9.1	13.7



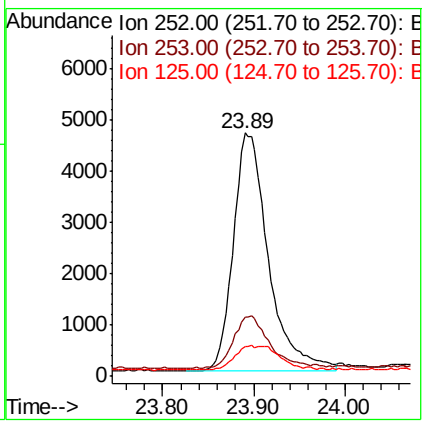


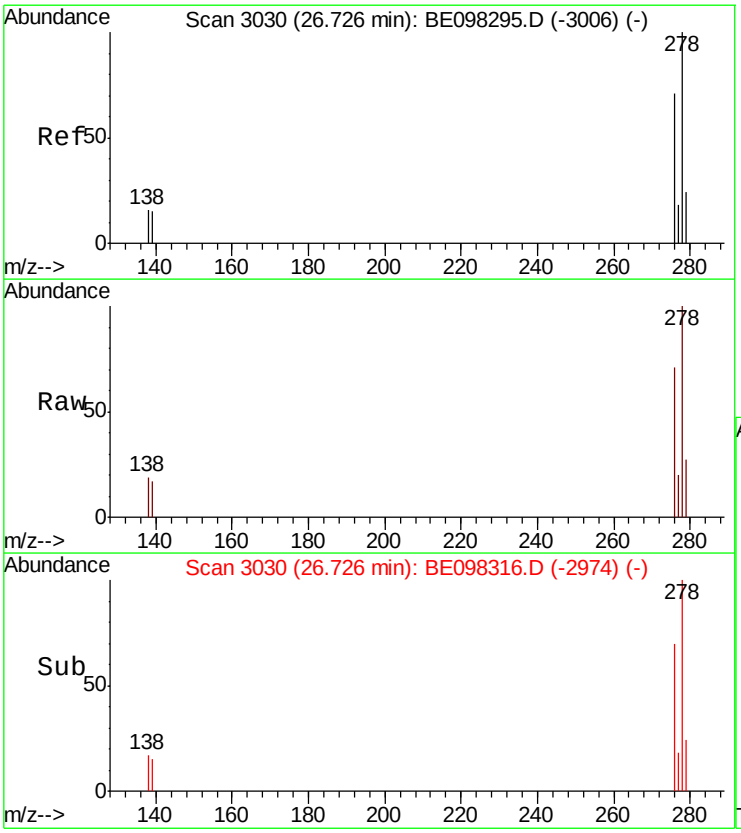
#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12407

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	30.8
125	12.1	10.5	15.7

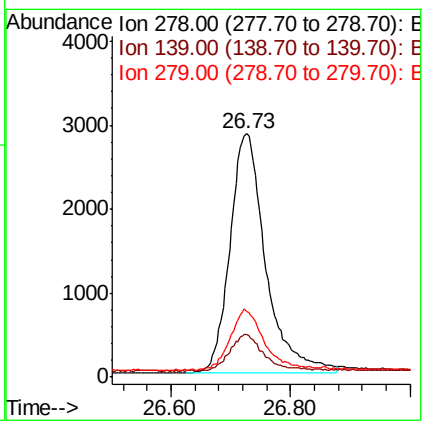


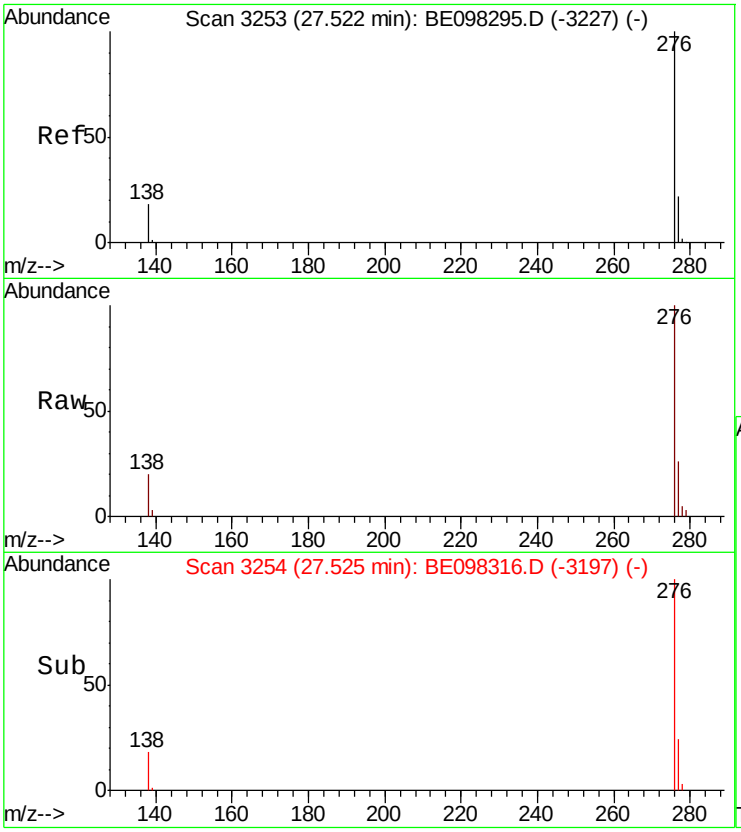


#38
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Tgt Ion:278 Resp: 11818

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	26.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 27.53 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE098316.D
Acq: 11 Dec 2018 2:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12111

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.8	31.2
138	20.1	15.8	23.6