Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098273.D
Acq On : 29 Nov 2018 14:36
Operator : SJ/JU
Sample : PB115083BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 29 16:15:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1821	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7382	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4168	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9545	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12193	0.40	ng	0.00
34) Perylene-d12	24.01	264	12418	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1484	0.31	ng	0.01
5) Phenol-d6	7.04	99	1766	0.26	ng	0.00
8) Nitrobenzene-d5	9.02	82	2071	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3809	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	429	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4726	0.27	ng	0.00
25) Fluoranthene-d10	19.32	212	31756	0.25	ng	0.00
29) Terphenyl-d14	19.91	244	8453	0.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	987	0.299	ng	# 49
3) n-Nitrosodimethylamine	3.68	42	982	0.281	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1463	0.232	ng	88
9) Naphthalene	10.71	128	21719	0.293	ng	99
10) Hexachlorobutadiene	10.99	225	1256	0.264	ng	99
12) 2-Methylnaphthalene	12.34	142	3566	0.290	ng	99
16) Acenaphthylene	14.25	152	5598	0.288	ng	99
17) Acenaphthene	14.60	154	3265	0.282	ng	100
18) Fluorene	15.57	166	4368	0.284	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1441	0.267	ng	88
21) Hexachlorobenzene	16.58	284	1500	0.268	ng	98
22) Pentachlorophenol	16.94	266	480	0.307	ng	97
23) Phenanthrene	17.32	178	6526	0.275	ng	99
24) Anthracene	17.41	178	6044	0.274	ng	99
26) Fluoranthene	19.34	202	8429	0.261	ng	99
28) Pyrene	19.71	202	8652	0.256	ng	99
30) Benzo(a)anthracene	21.45	228	9850	0.274	ng	100
31) Chrysene	21.51	228	10026	0.275	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	22332	0.260	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	11524	0.313	ng	98
35) Benzo(b)fluoranthene	23.23	252	10295	0.283	ng	99
36) Benzo(k)fluoranthene	23.28	252	10972	0.287	ng	99
37) Benzo(a)pyrene	23.90	252	10048	0.286	ng	99
38) Dibenzo(a,h)anthracene	26.73	278	9661	0.291	ng	98
39) Benzo(g,h,i)perylene	27.54	276	9928	0.298	ng	98

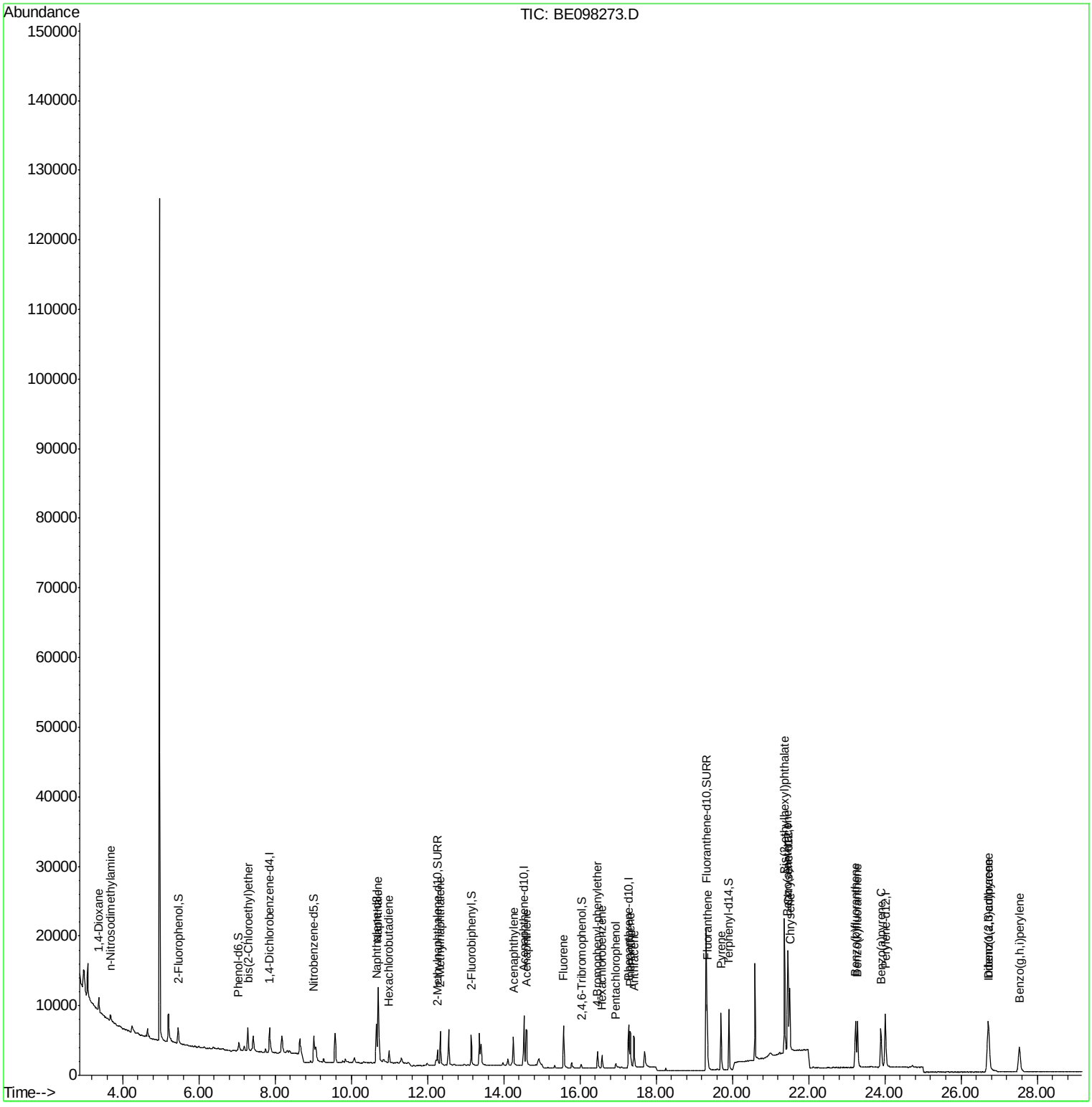
(#) = qualifier out of range (m) = manual integration (+) = signals summed

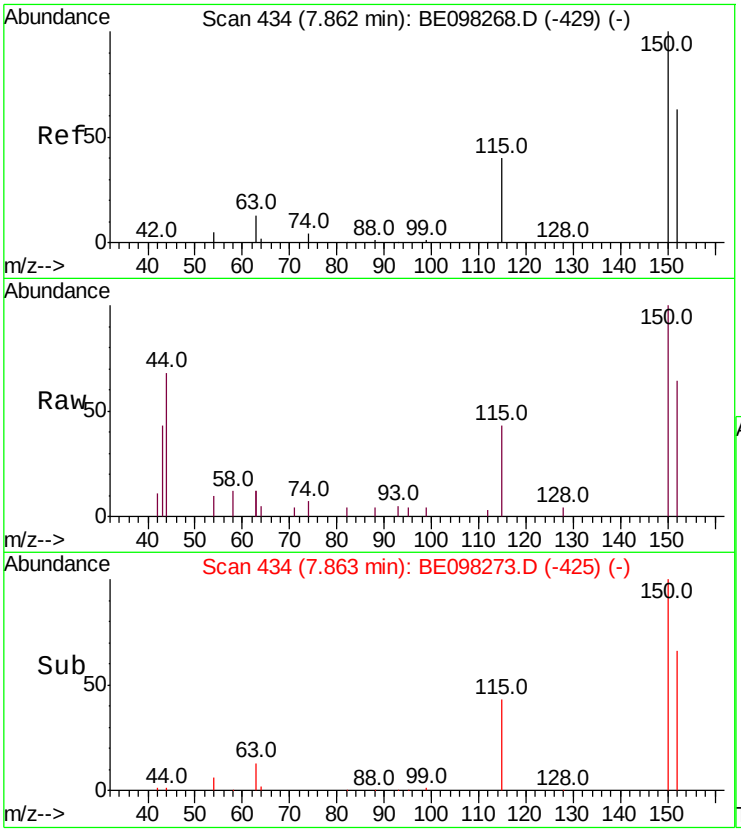
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
Data File : BE098273.D
Acq On : 29 Nov 2018 14:36
Operator : SJ/JU
Sample : PB115083BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 29 16:15:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration



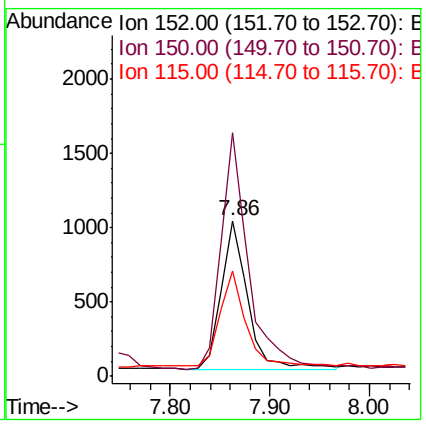


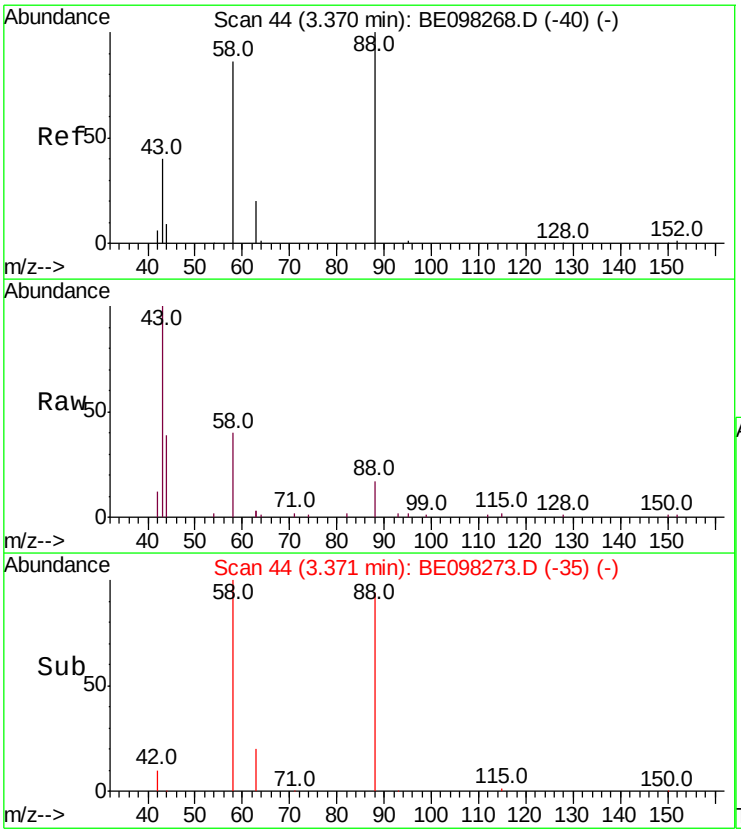
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1821

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	67.8	53.9	80.9

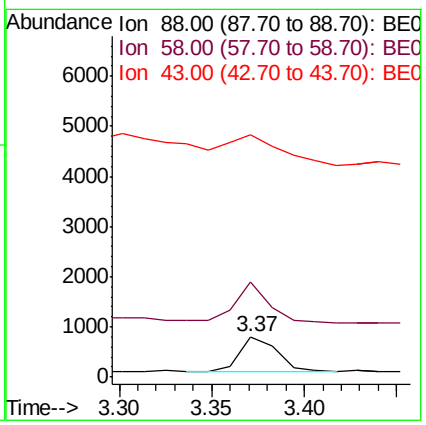


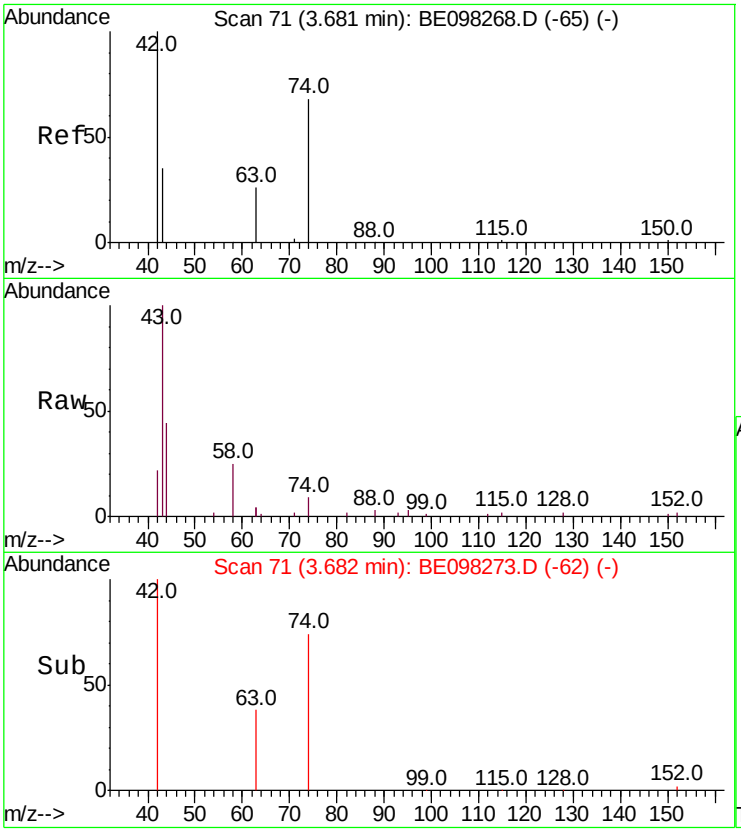


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion: 88 Resp: 987

Ion	Ratio	Lower	Upper
88	100		
58	112.5	75.0	112.6
43	124.4	38.3	57.5#



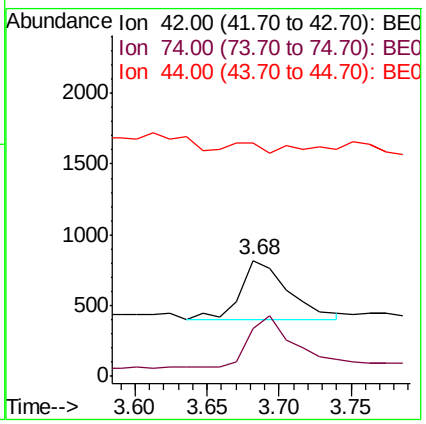


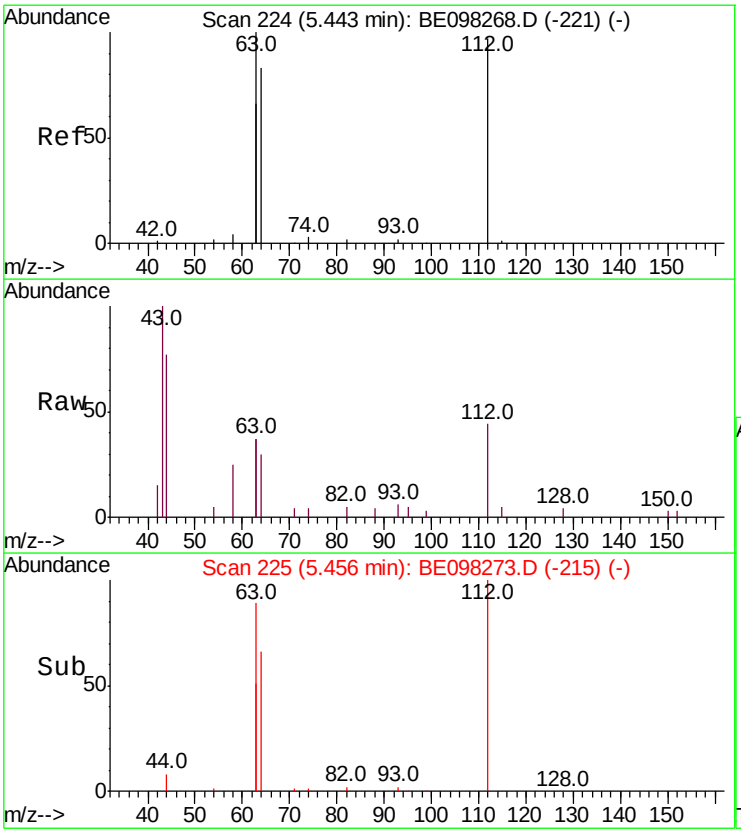
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 982

Ion	Ratio	Lower	Upper
42	100		
74	80.4	0.0	0.0#
44	0.0	0.0	0.0

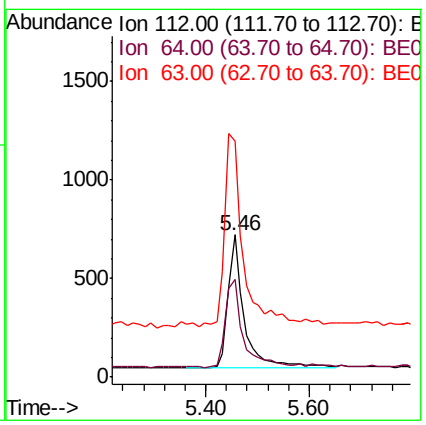


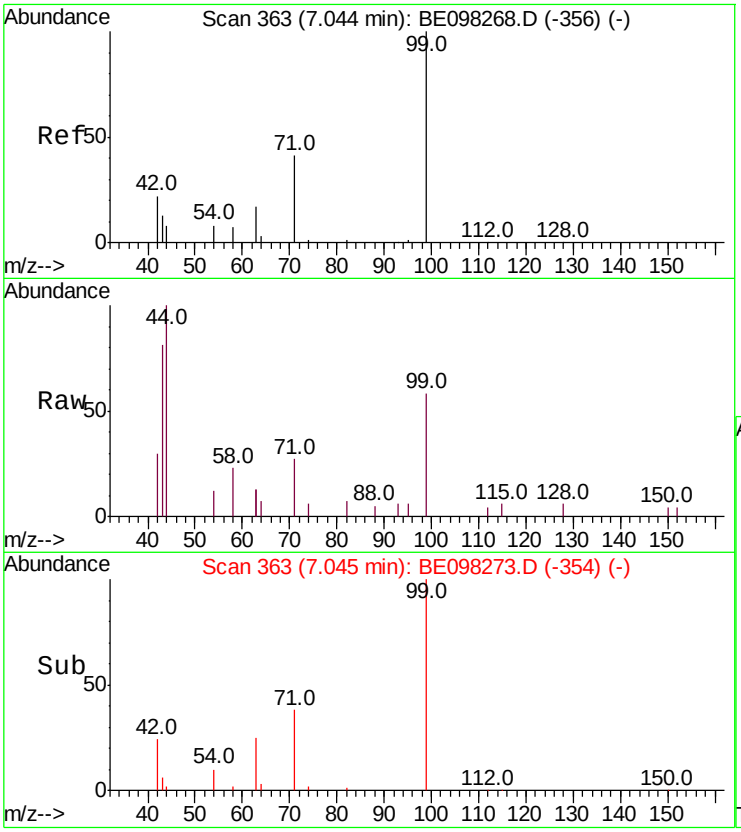


#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:112 Resp: 1484

Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.8	89.8
63	162.1	133.7	200.5



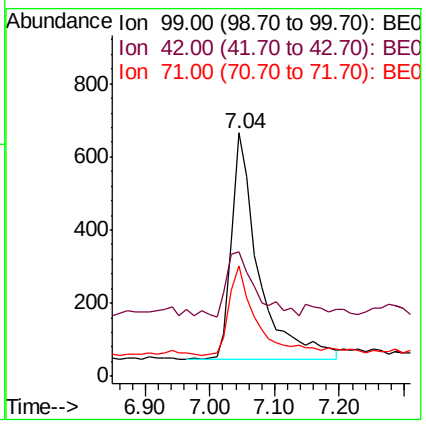


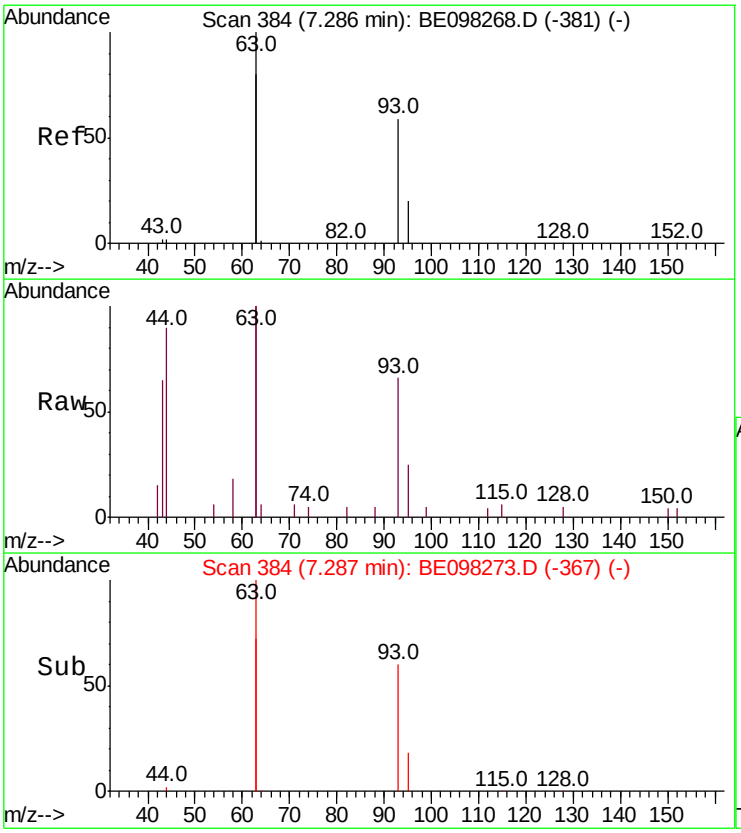
#5
Phenol-d6
Concen: 0.258 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1766

Ion	Ratio	Lower	Upper
99	100		
42	28.1	26.3	39.5
71	43.1	33.6	50.4

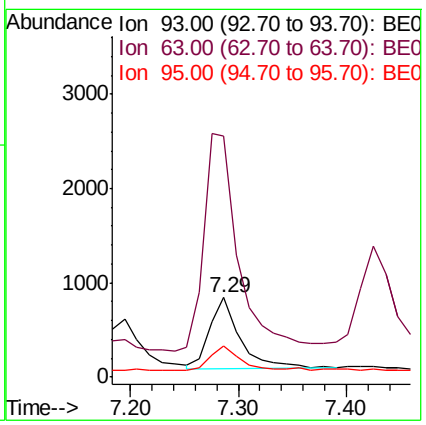


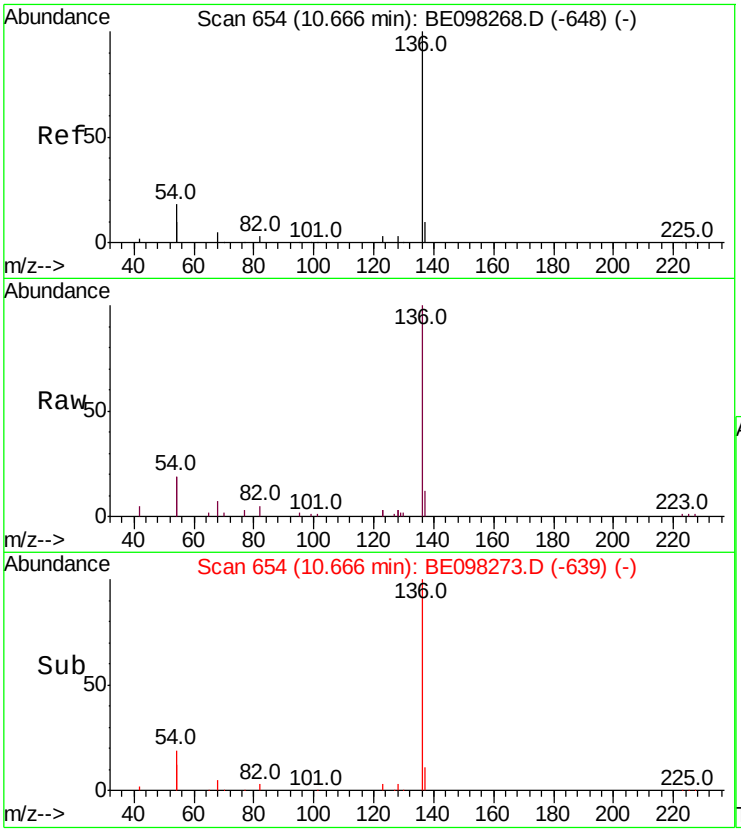


#6
bis(2-Chloroethyl)ether
Concen: 0.232 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion: 93 Resp: 1463

Ion	Ratio	Lower	Upper
93	100		
63	356.0	264.4	396.6
95	36.0	26.6	40.0



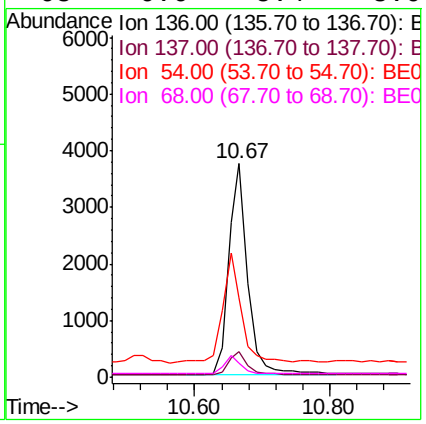


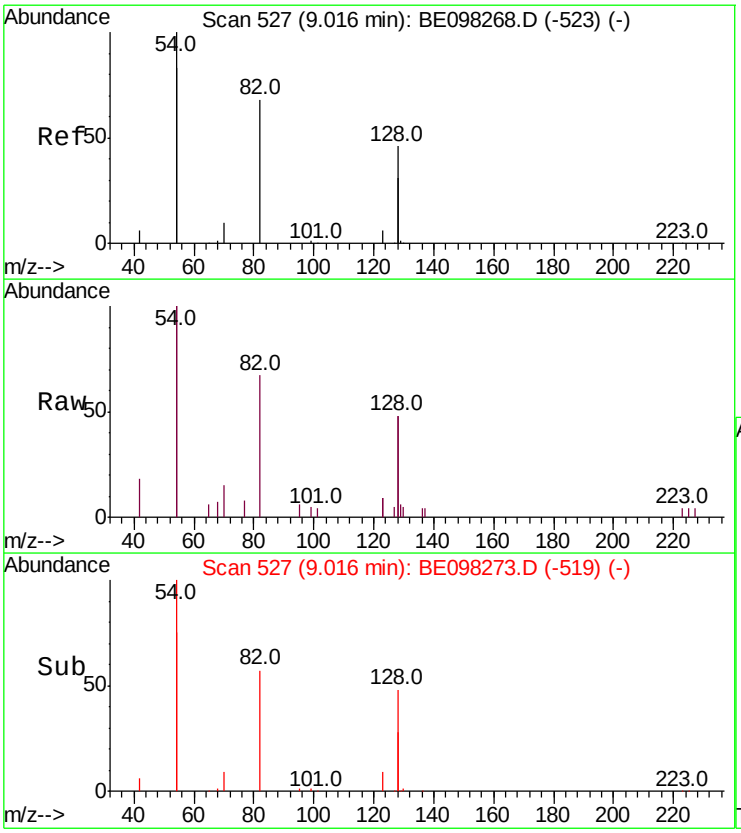
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7382

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	37.2	28.4	42.6
68	6.6	5.4	8.0

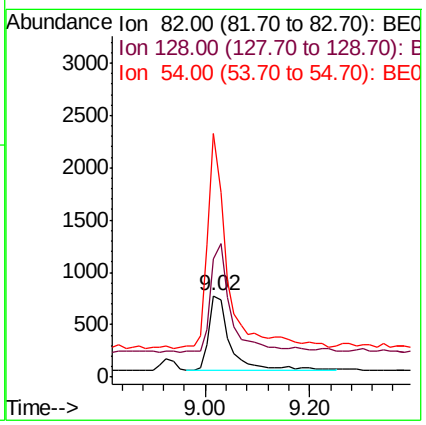


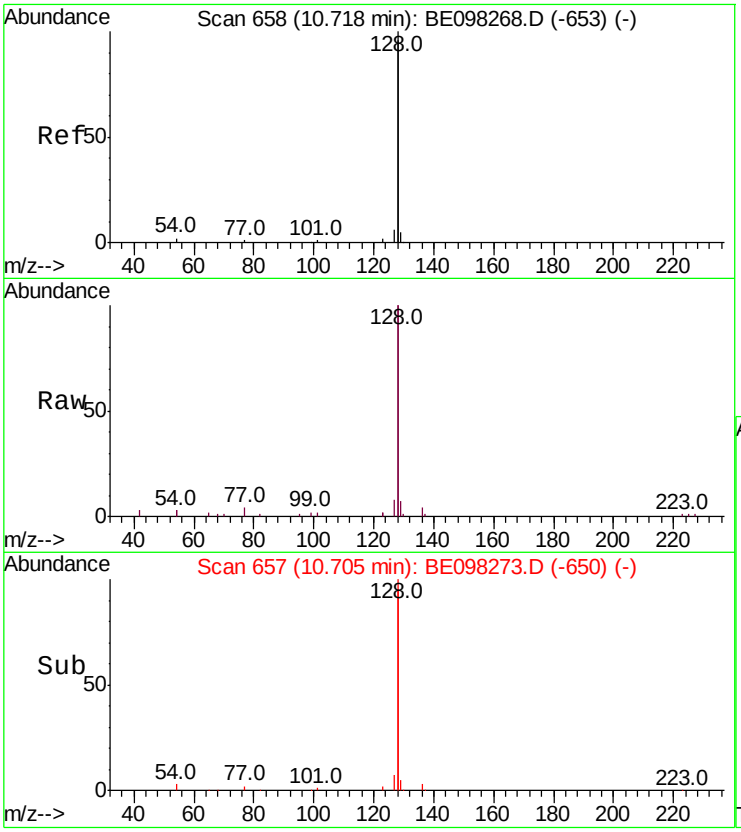


#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion: 82 Resp: 2071

Ion	Ratio	Lower	Upper
82	100		
128	145.5	102.4	153.6
54	300.1	221.8	332.8



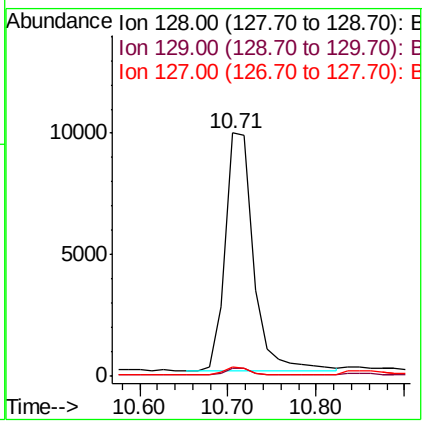


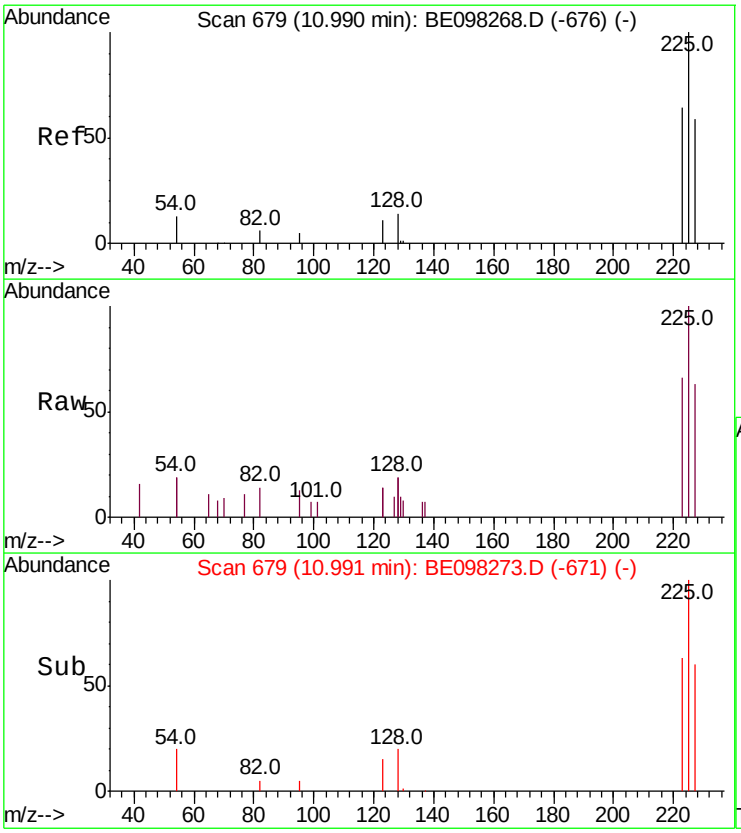
#9
Naphthalene
Concen: 0.293 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21719

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.8	2.7	4.1

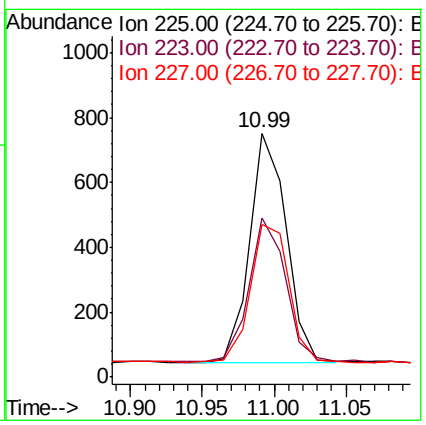


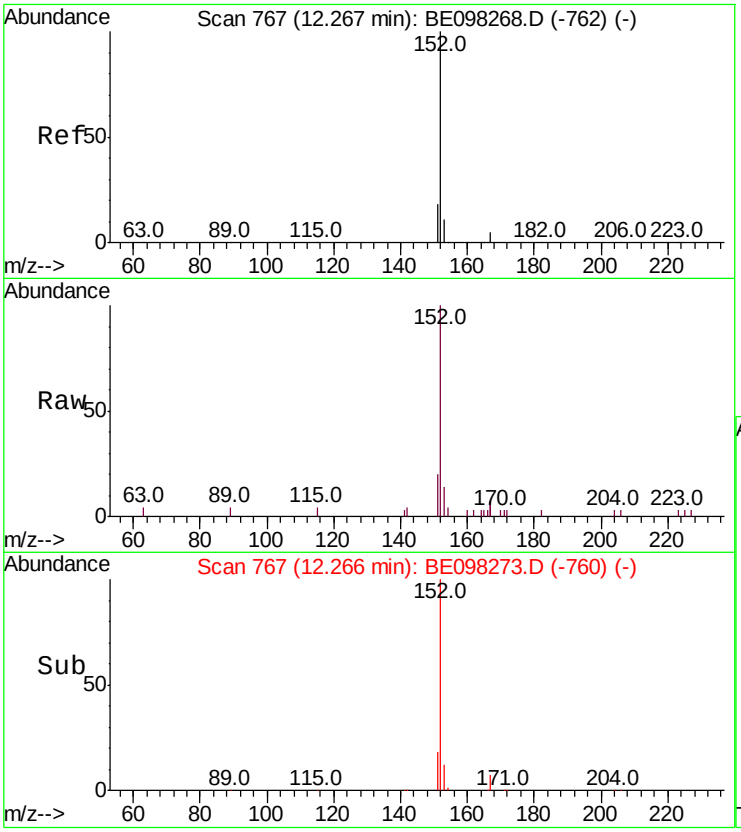


#10
Hexachlorobutadiene
Concen: 0.264 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:225 Resp: 1256

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	64.1	52.0	78.0



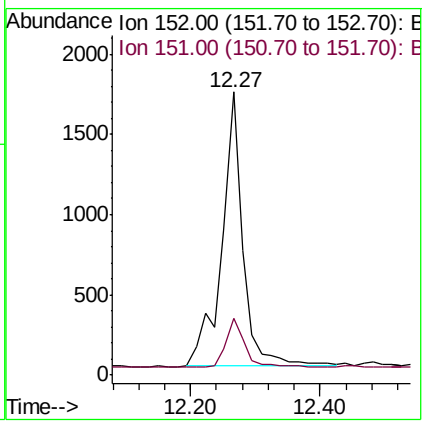


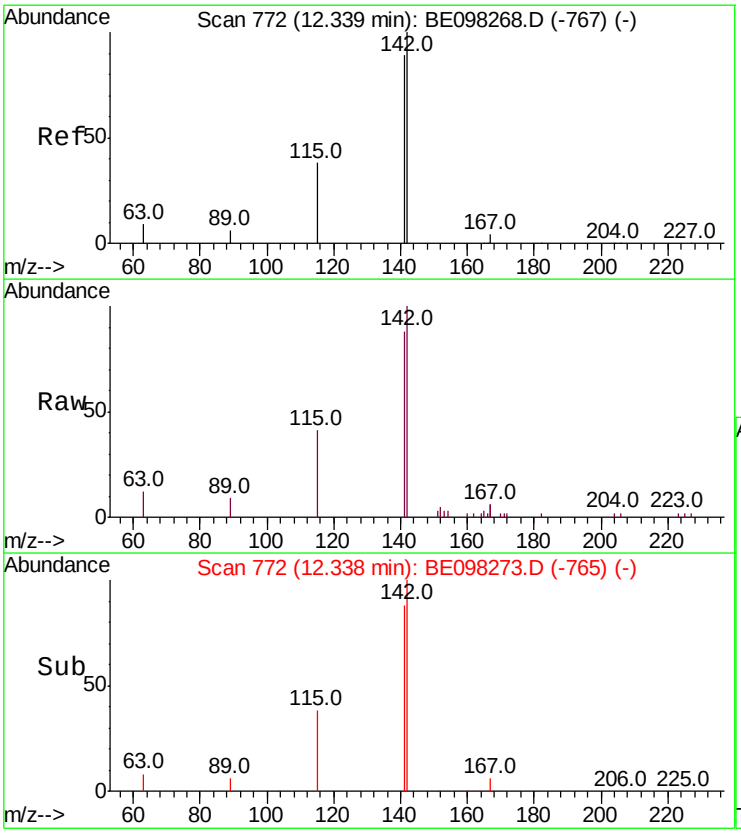
#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3809

Ion	Ratio	Lower	Upper
152	100		
151	15.9	16.2	24.4#

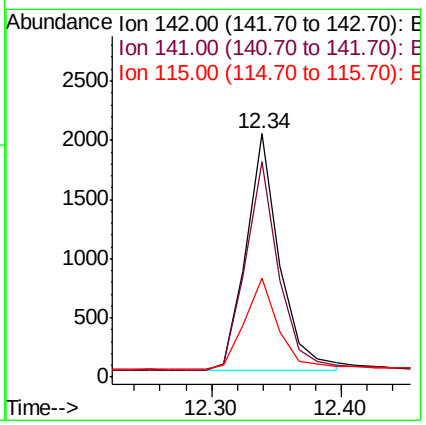


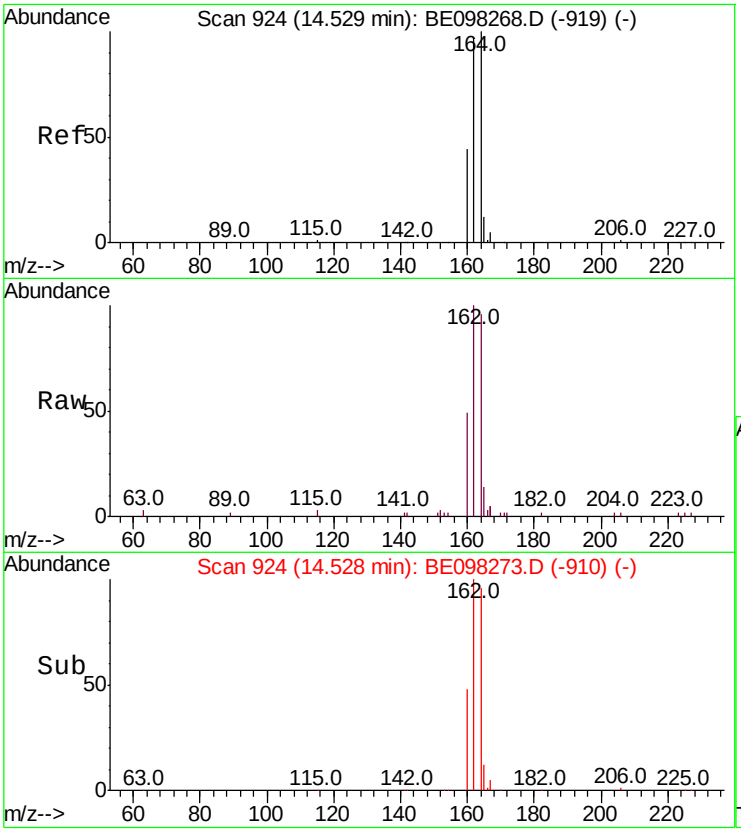


#12
2-Methylnaphthalene
Concen: 0.290 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:142 Resp: 3566

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	40.5	32.2	48.2



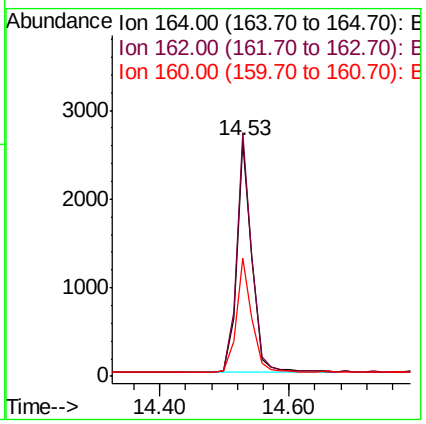


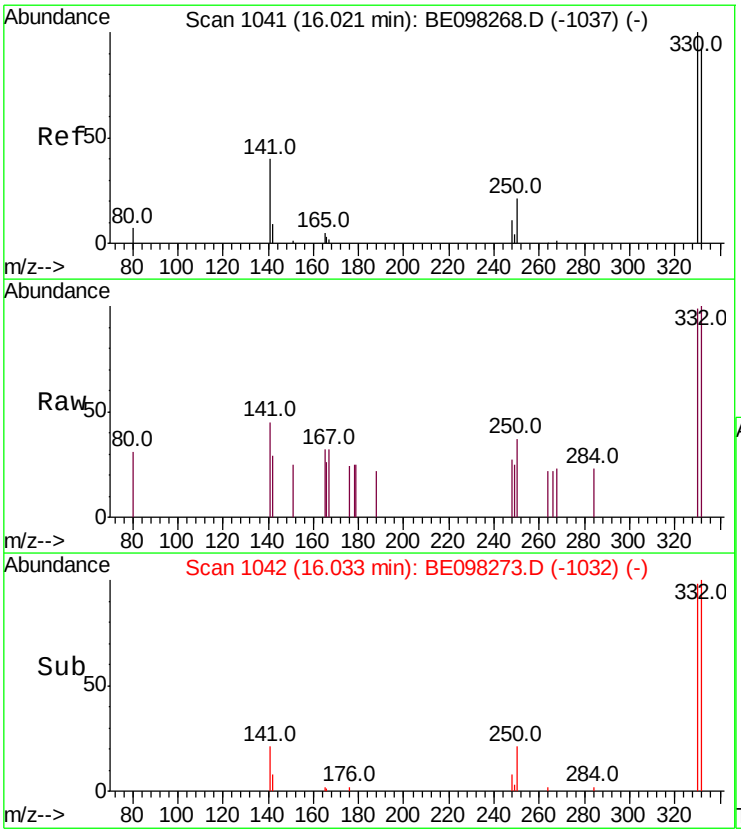
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4168

Ion	Ratio	Lower	Upper
164	100		
162	103.7	77.6	116.4
160	50.6	36.0	54.0

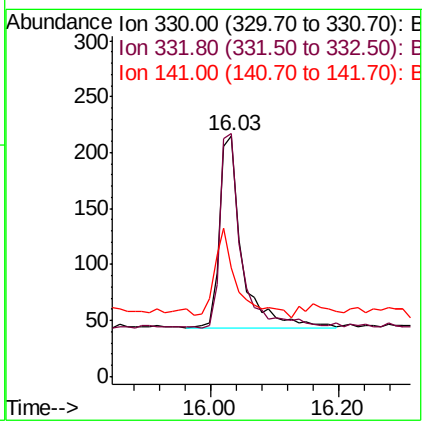


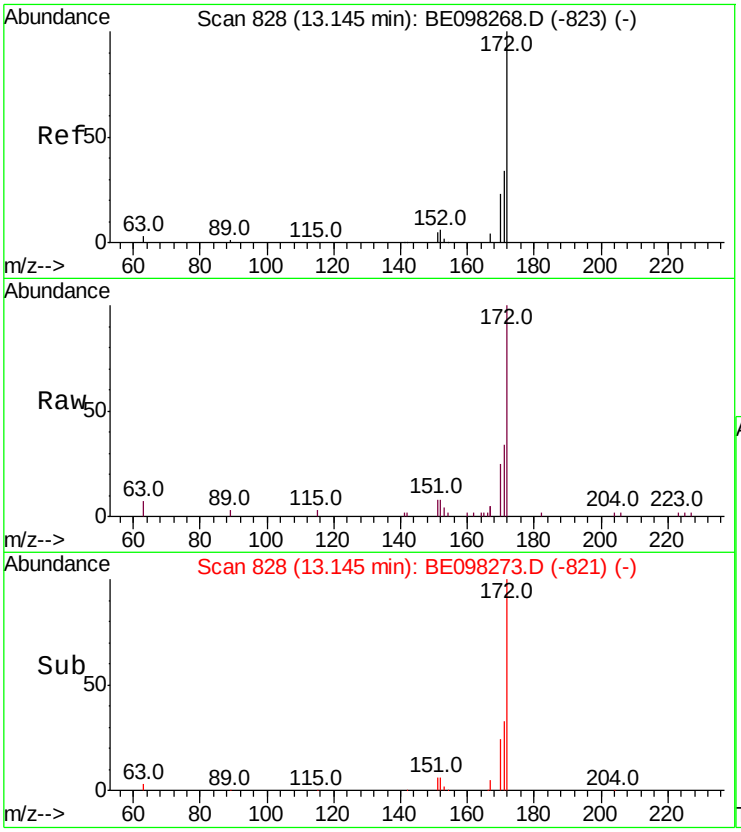


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:330 Resp: 429

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	45.2	39.0	58.4



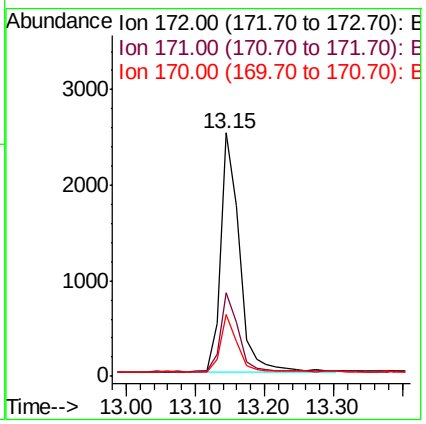


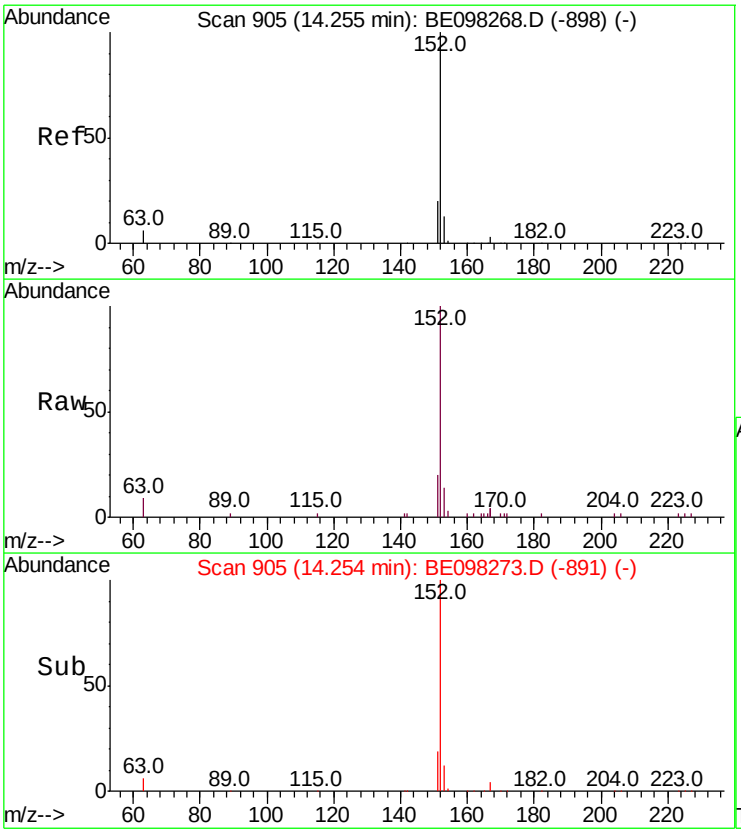
#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4726

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	25.3	19.6	29.4

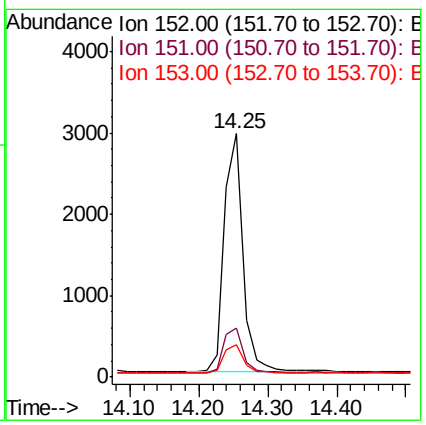


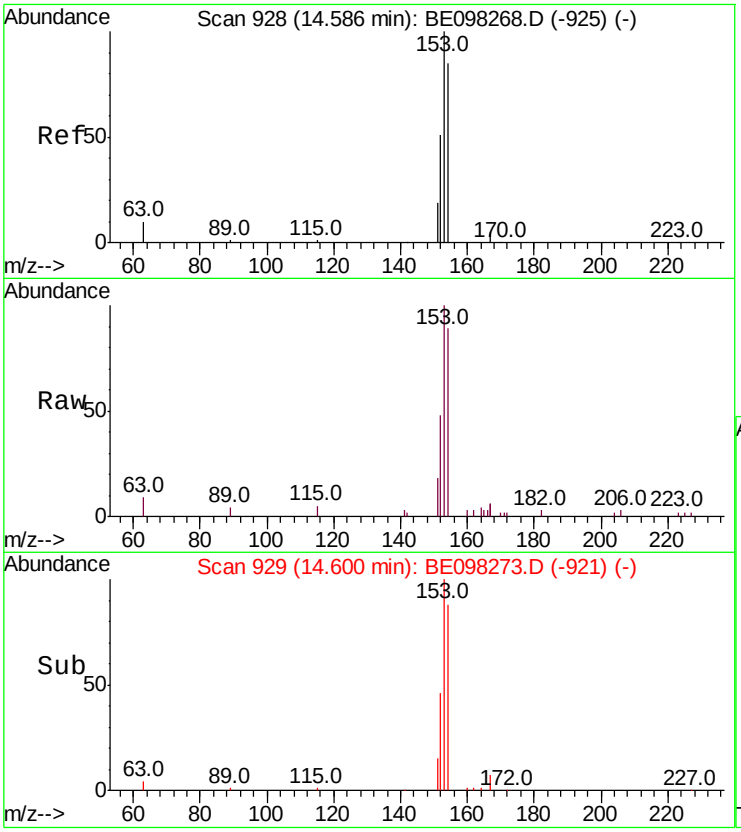


#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:152 Resp: 5598

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.7	10.6	16.0



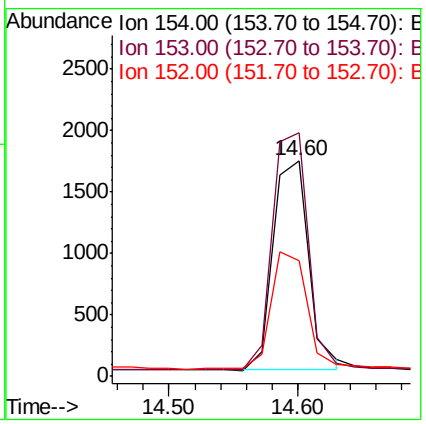


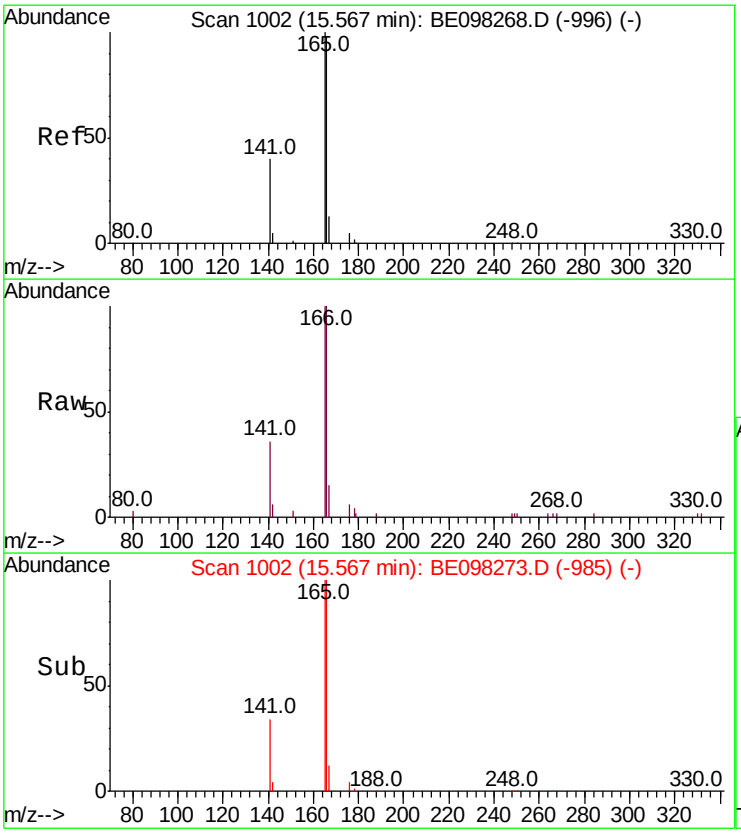
#17
Acenaphthene
Concen: 0.282 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3265

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.8	137.6
152	56.8	45.5	68.3

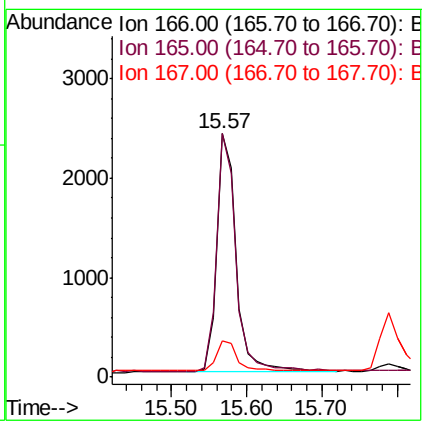


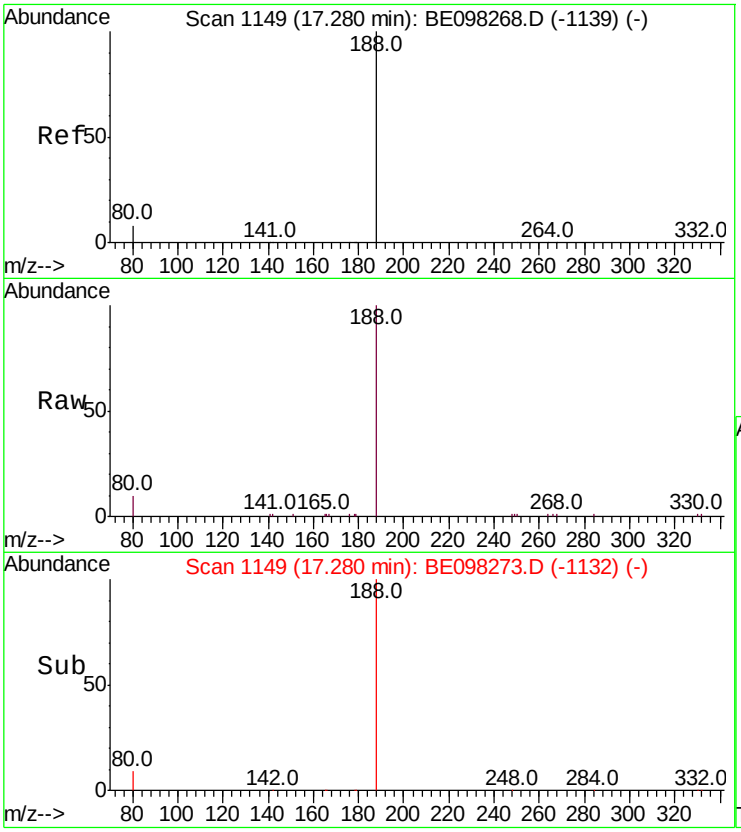


#18
Fluorene
Concen: 0.284 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:166 Resp: 4368

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.3	11.3	16.9



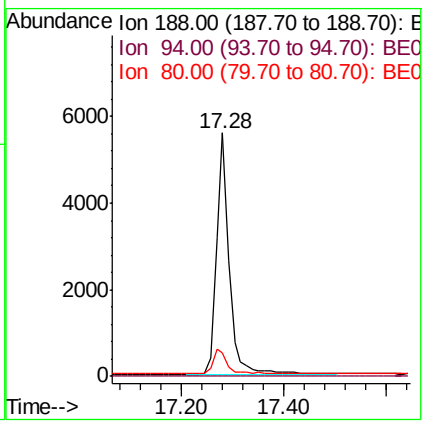


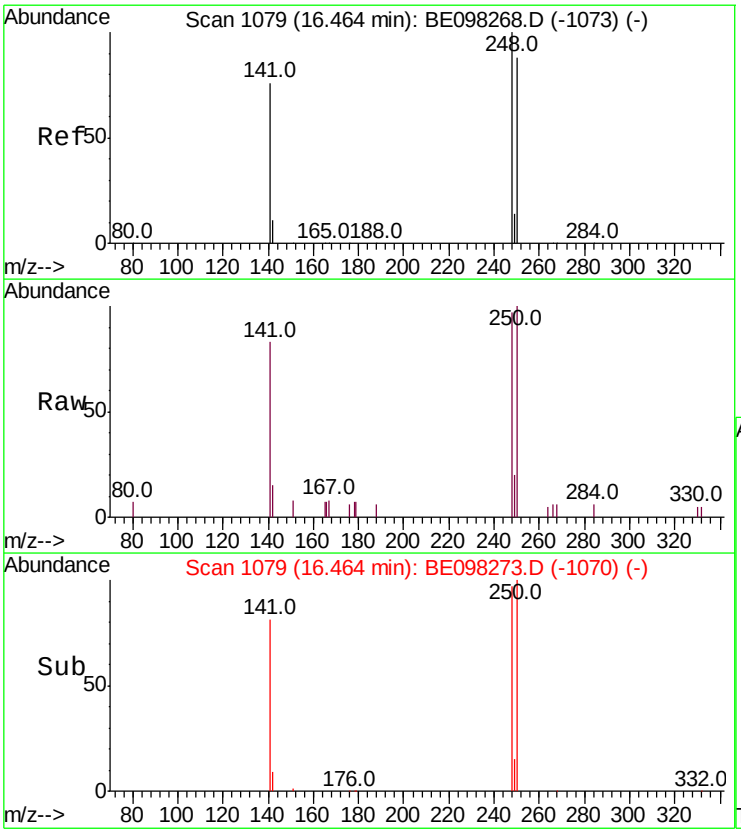
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9545

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.2	10.8

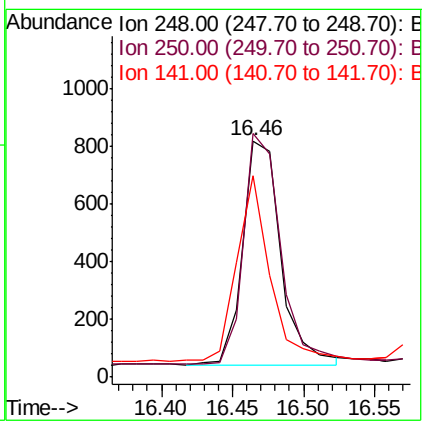


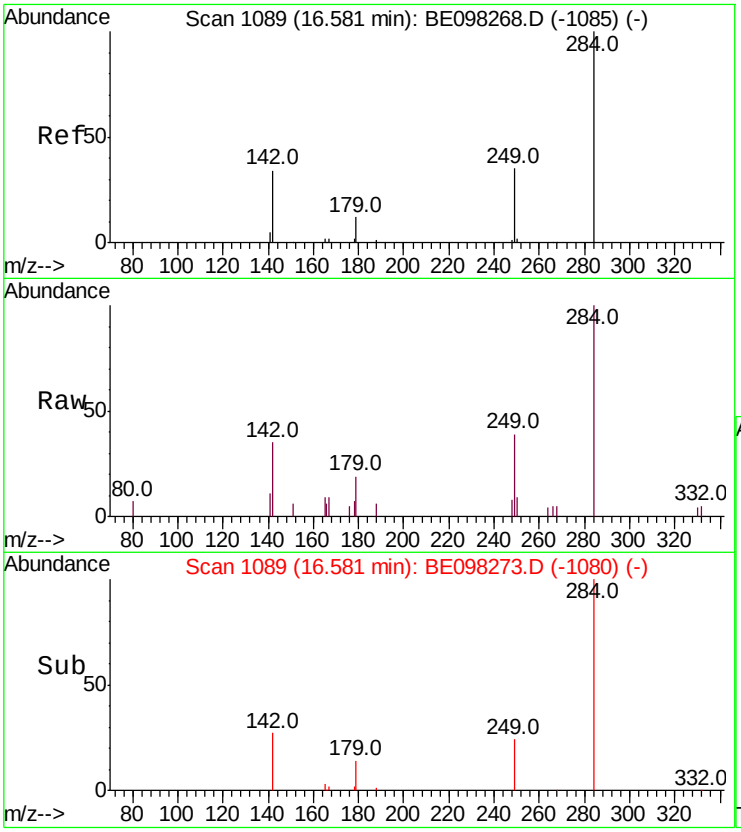


#20
4-Bromophenyl-phenylether
Concen: 0.267 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:248 Resp: 1441

Ion	Ratio	Lower	Upper
248	100		
250	103.0	71.0	106.6
141	85.0	62.1	93.1



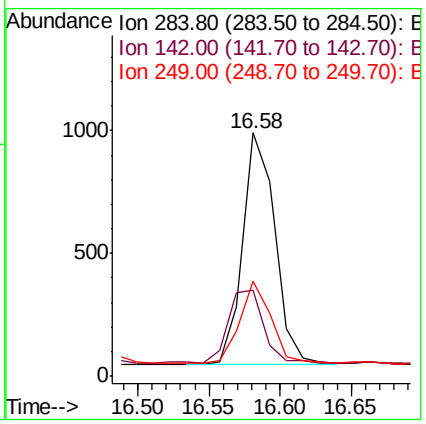


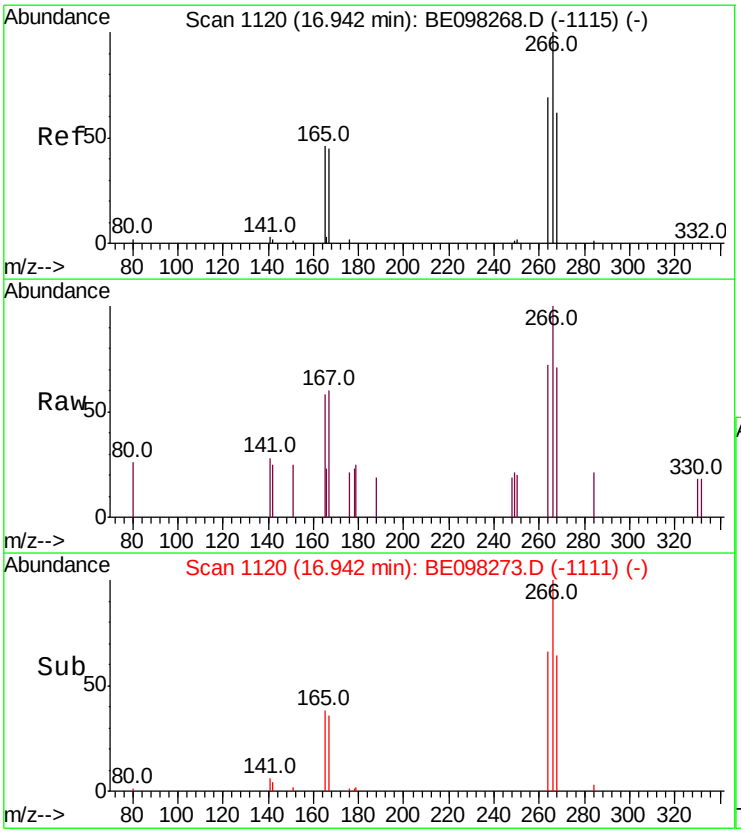
#21
Hexachlorobenzene
Concen: 0.268 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1500

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.3	39.5
249	33.9	26.0	39.0

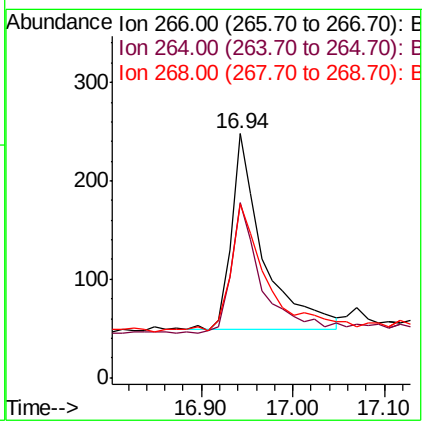


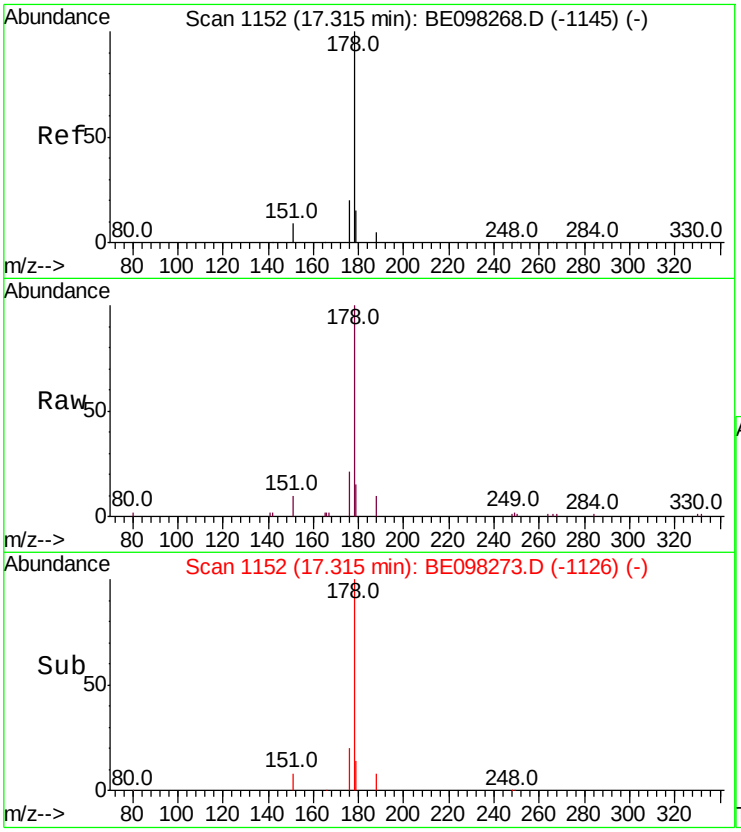


#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:266 Resp: 480

Ion	Ratio	Lower	Upper
266	100		
264	71.8	59.0	88.4
268	71.4	55.1	82.7



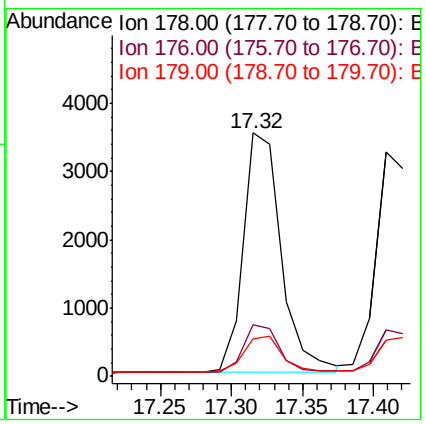


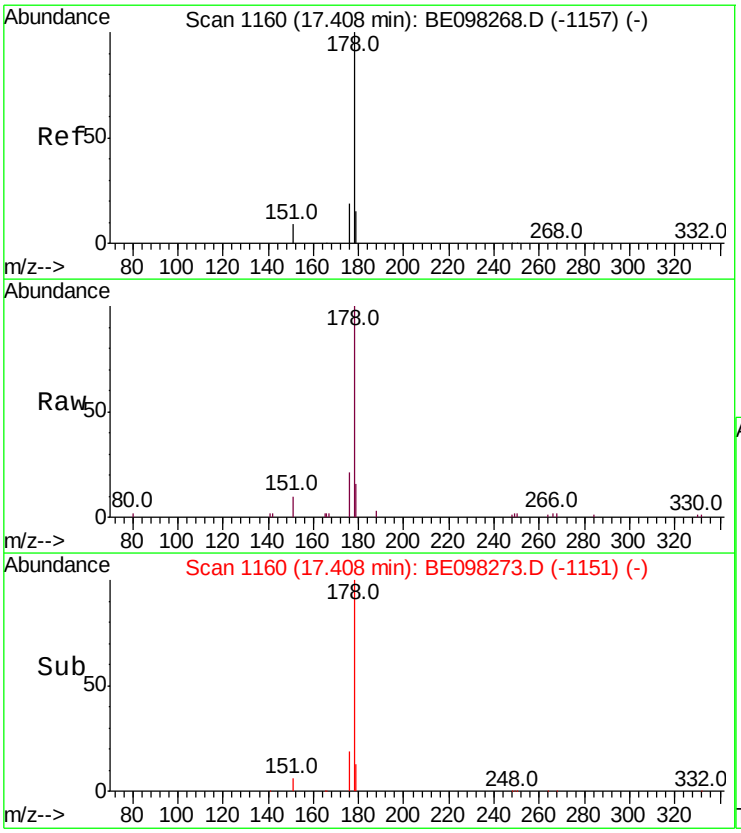
#23
Phenanthrene
Concen: 0.275 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6526

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	12.3	18.5

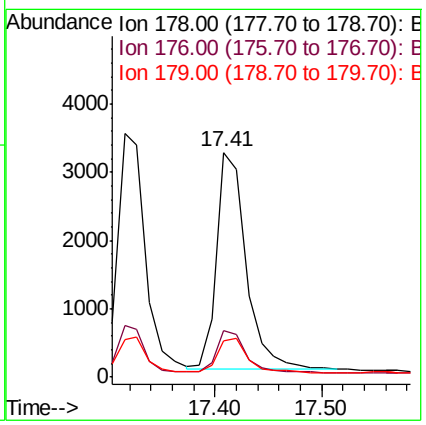


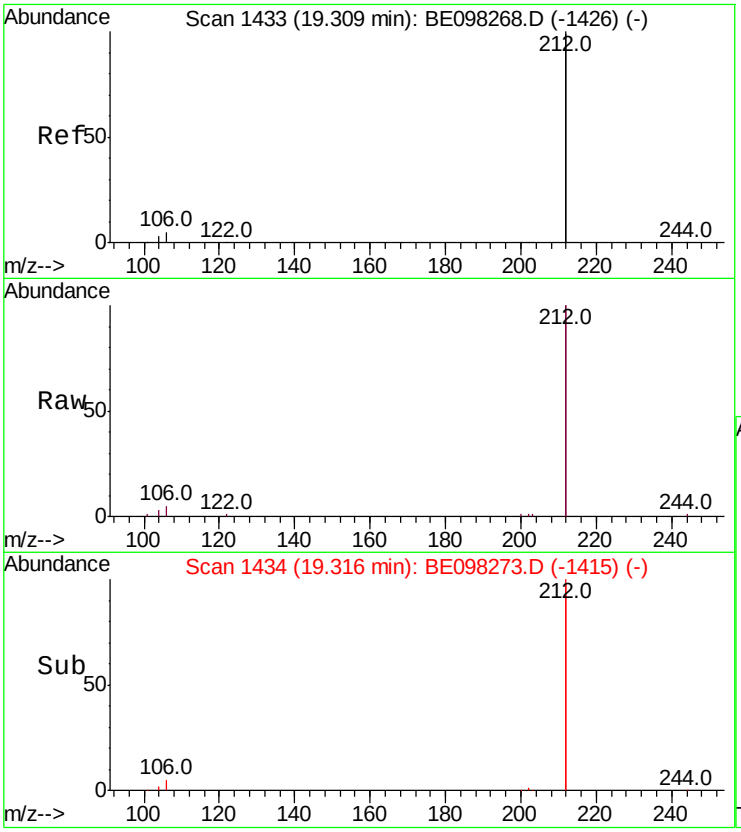


#24
Anthracene
Concen: 0.274 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:178 Resp: 6044

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.3	18.5



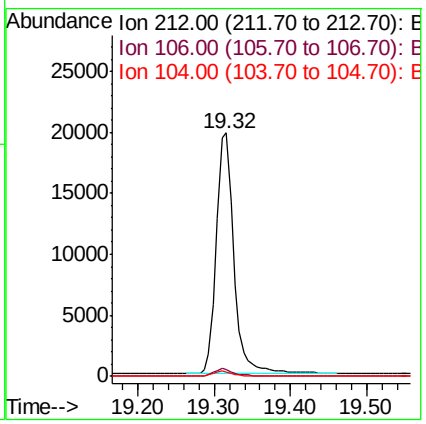


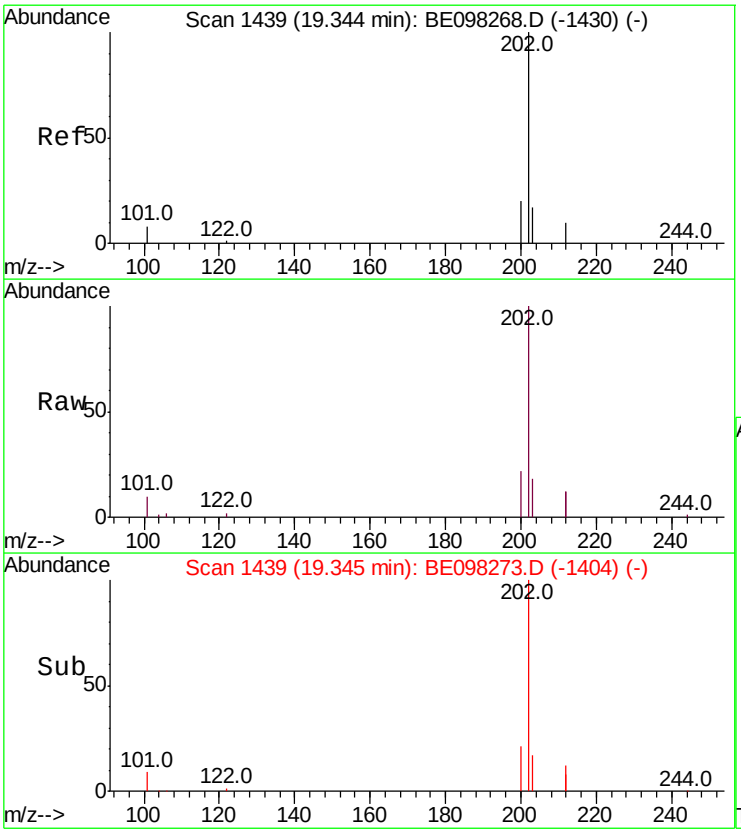
#25
Fluoranthene-d10
Concen: 0.247 ng
RT: 19.32 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31756

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

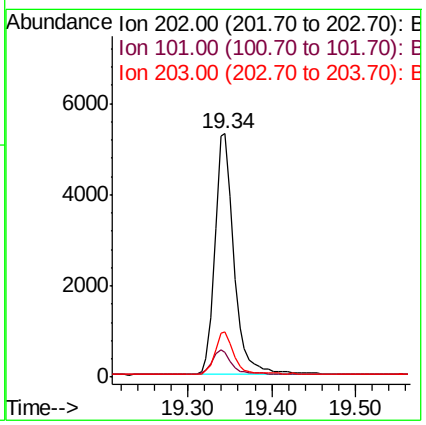


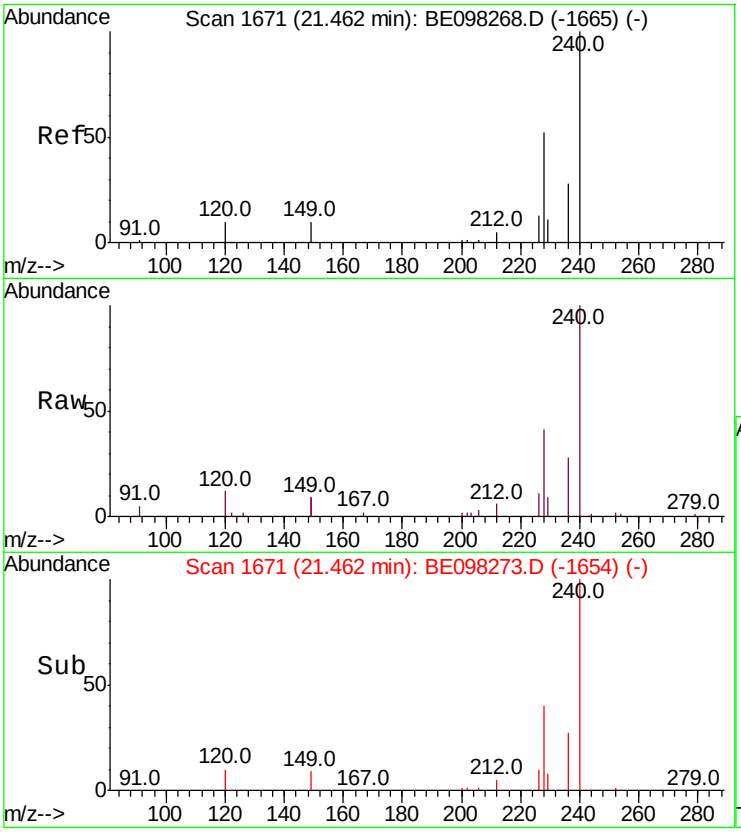


#26
Fluoranthene
Concen: 0.261 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:202 Resp: 8429

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
203	16.7	13.8	20.6



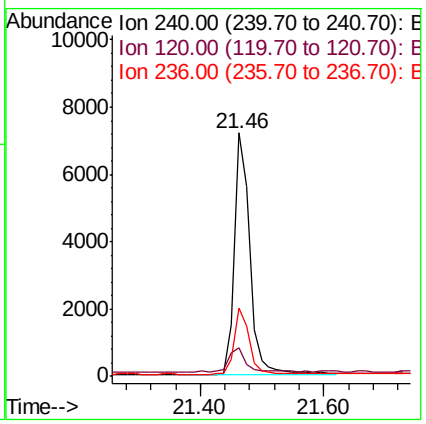


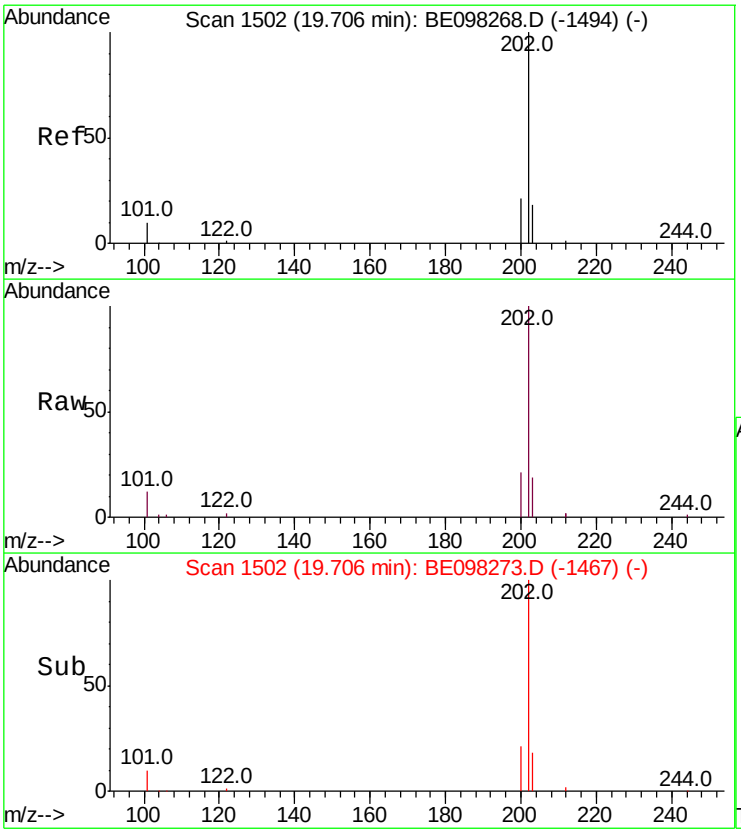
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 12193

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	28.1	22.7	34.1

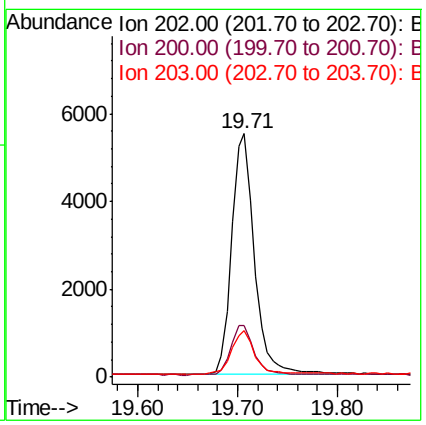


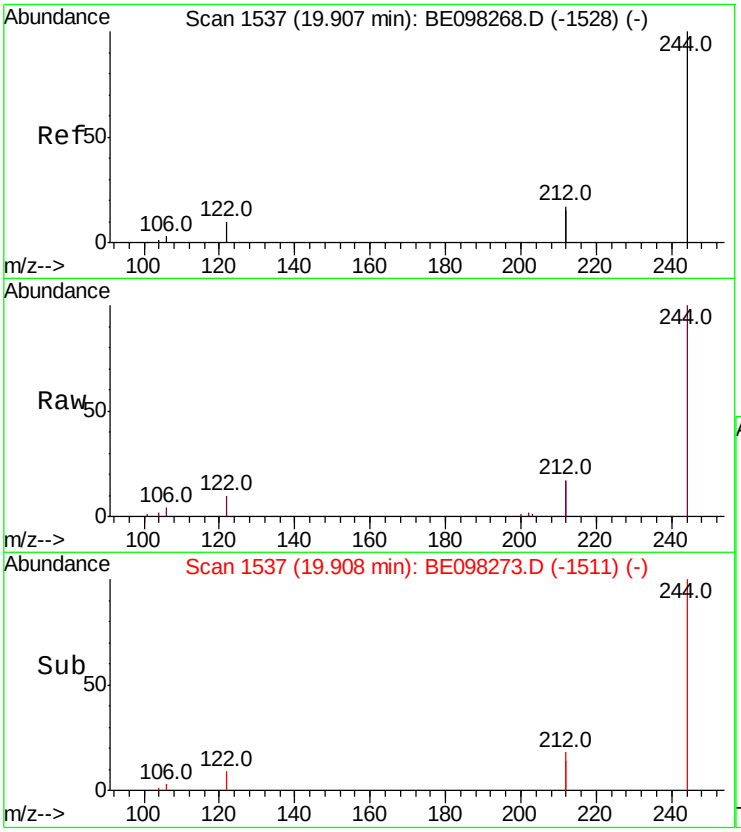


#28
Pyrene
Concen: 0.256 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:202 Resp: 8652

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.7	14.1	21.1



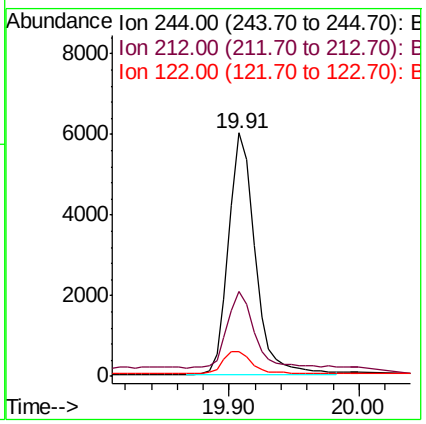


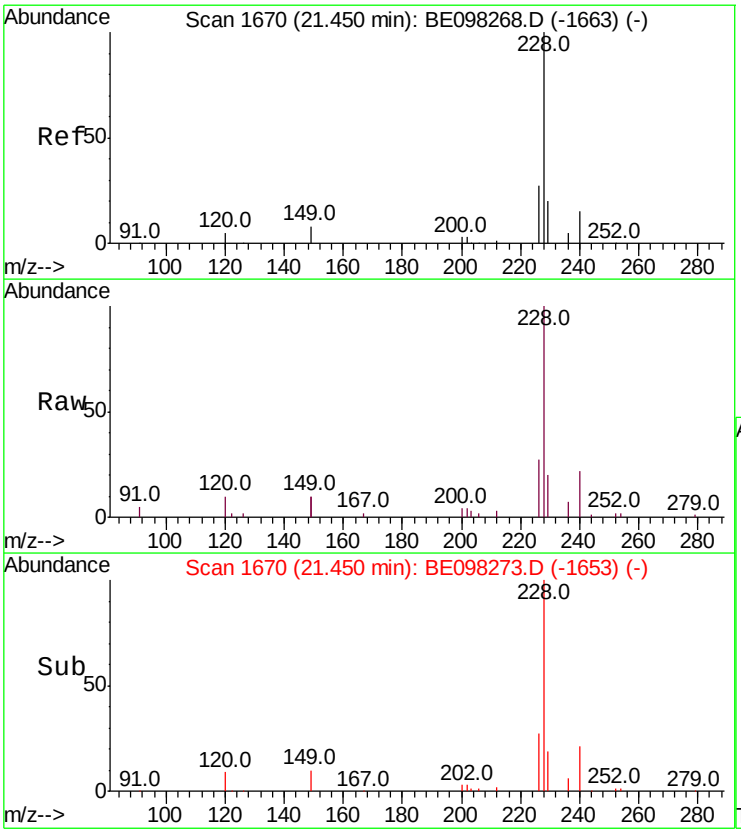
#29
Terphenyl-d14
Concen: 0.308 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8453

Ion	Ratio	Lower	Upper
244	100		
212	34.8	27.4	41.0
122	10.4	8.3	12.5

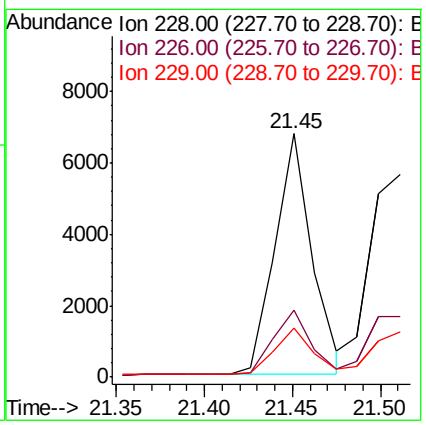


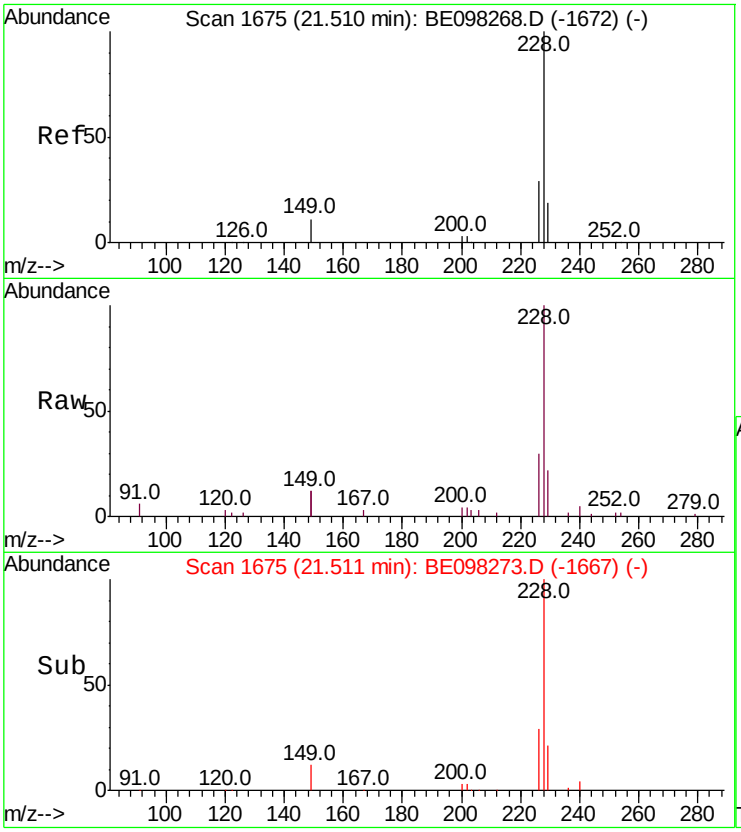


#30
Benzo(a)anthracene
Concen: 0.274 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:228 Resp: 9850

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.3	16.3	24.5



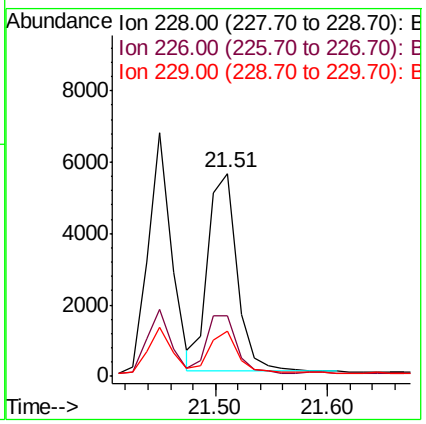


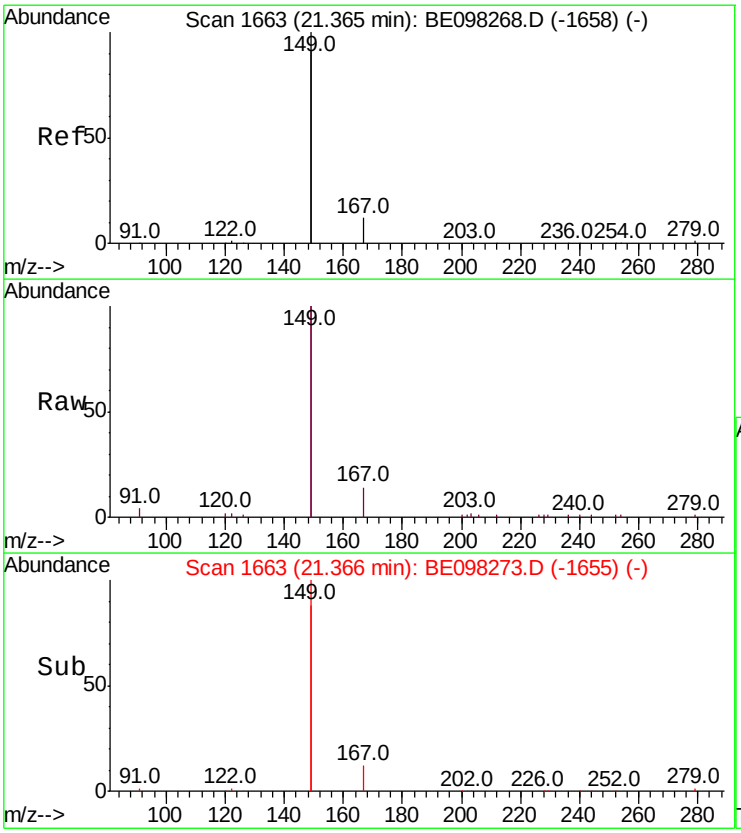
#31
Chrysene
Concen: 0.275 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10026

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	22.2	16.2	24.4

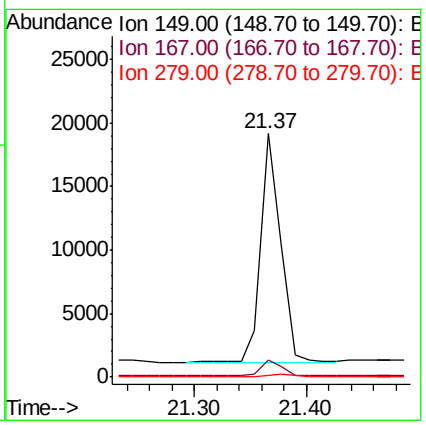


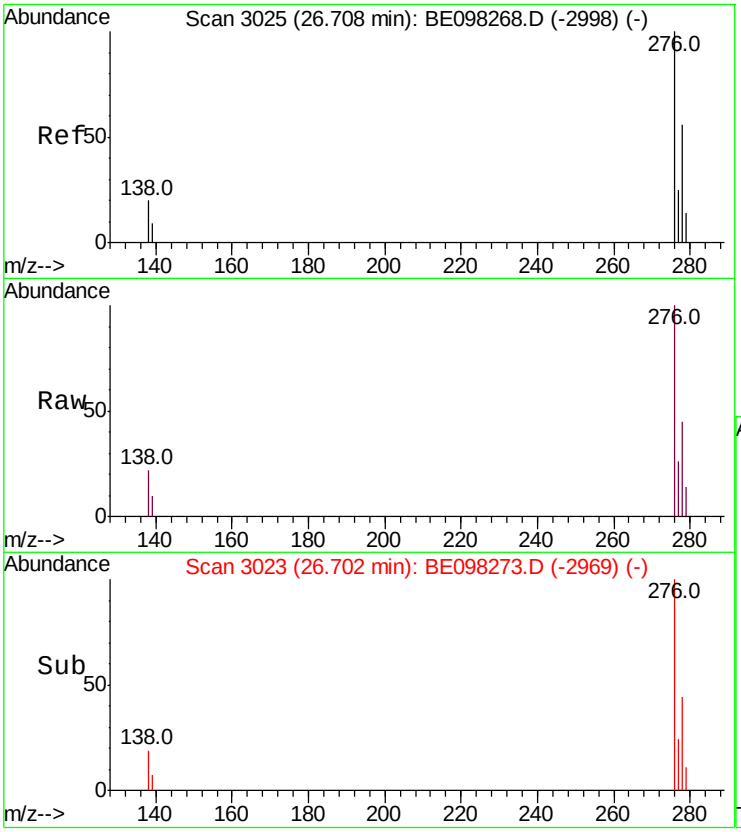


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:149 Resp: 22332

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	1.2	1.0	1.4



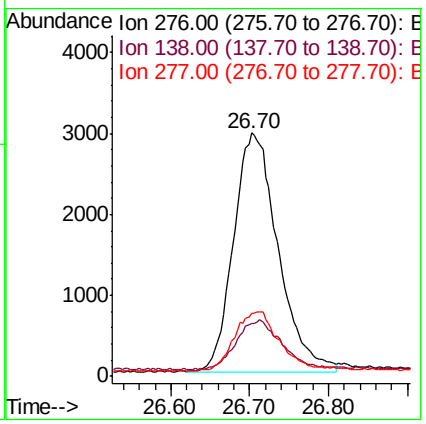


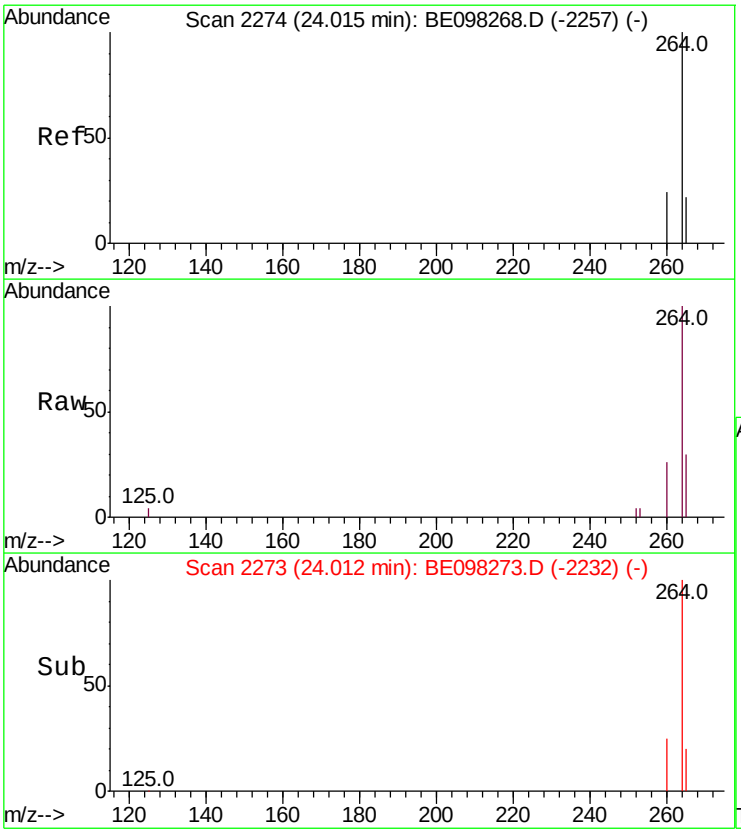
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.01 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11524

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.3	24.5
277	24.9	20.2	30.4

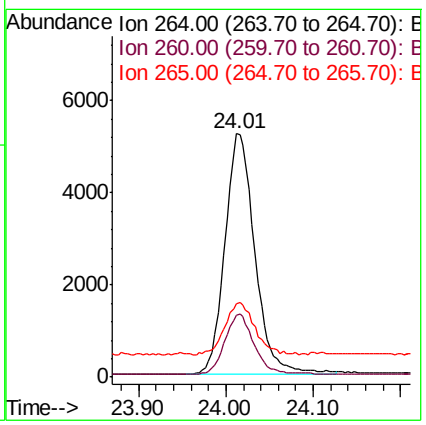


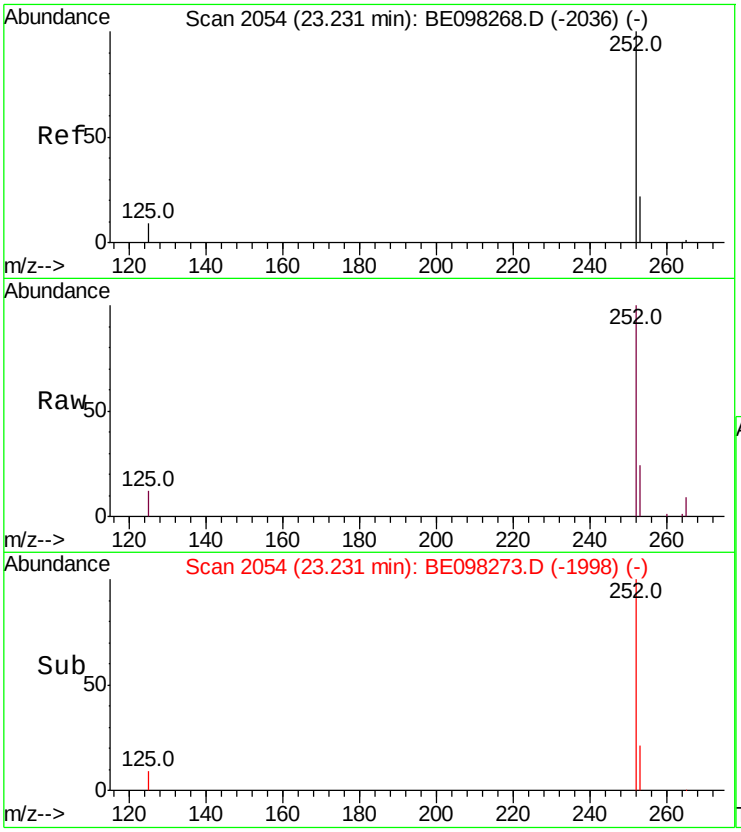


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:264 Resp: 12418

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	30.3	25.2	37.8



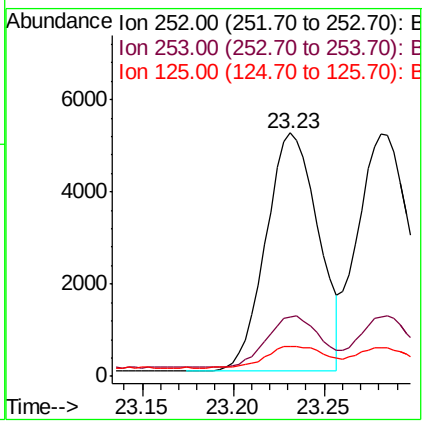


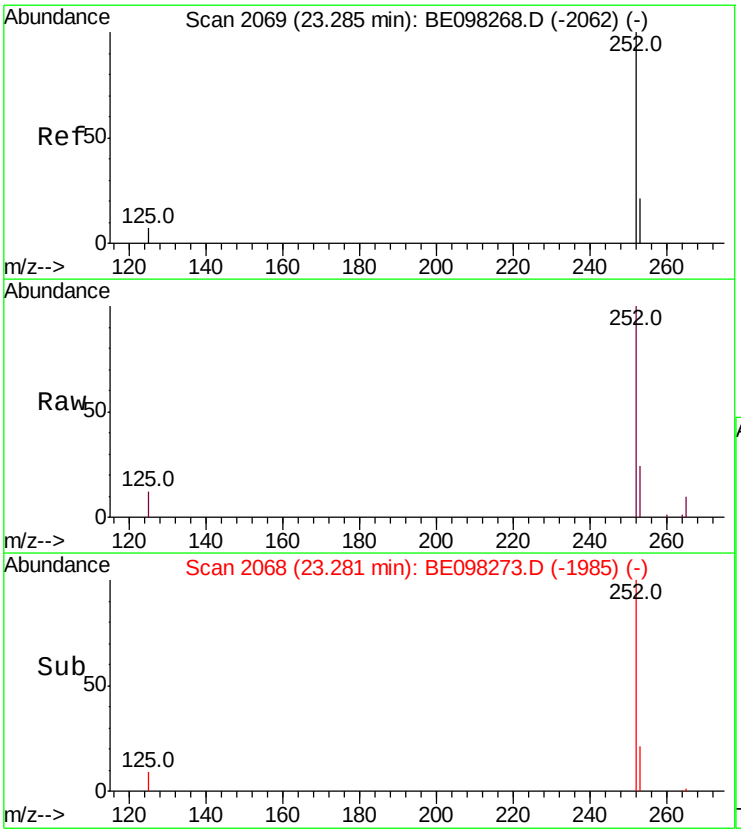
#35
Benzo(b)fluoranthene
Concen: 0.283 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10295

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.4	9.6	14.4

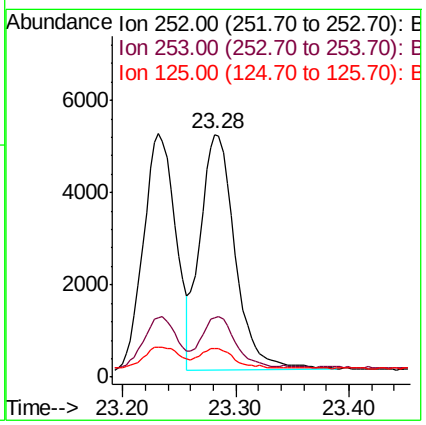


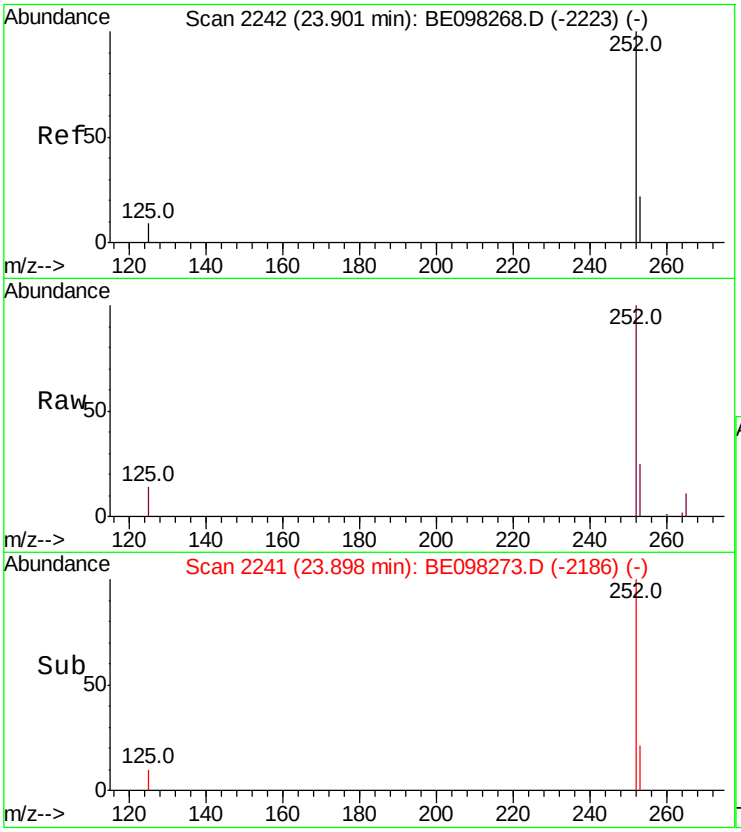


#36
Benzo(k)fluoranthene
Concen: 0.287 ng
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:252 Resp: 10972

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	11.9	9.1	13.7



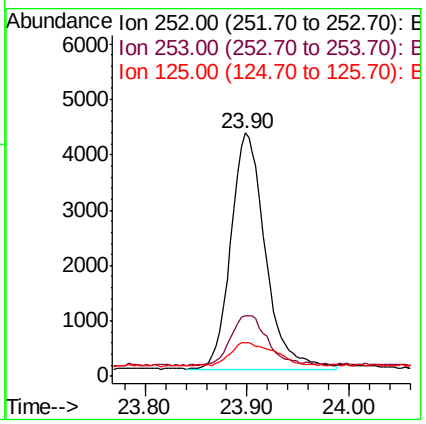


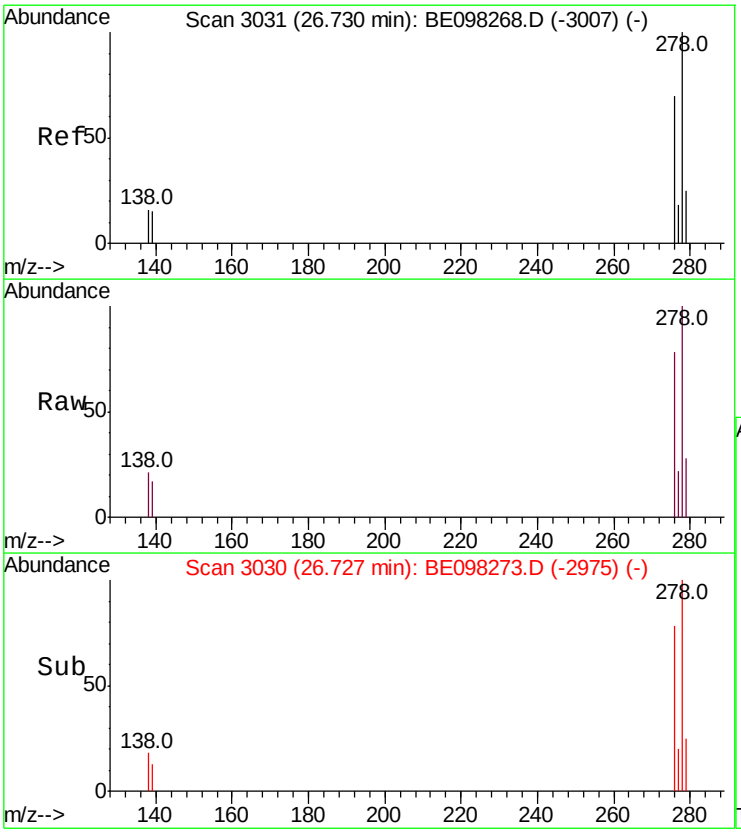
#37
Benzo(a)pyrene
Concen: 0.286 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10048

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	13.7	10.5	15.7

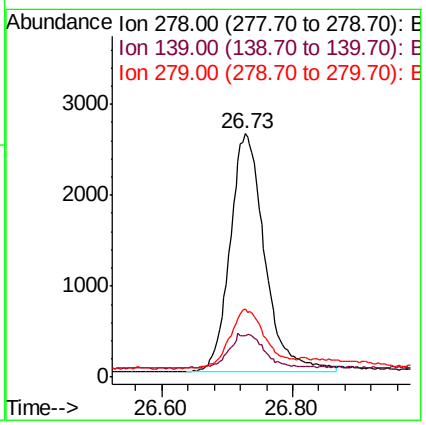


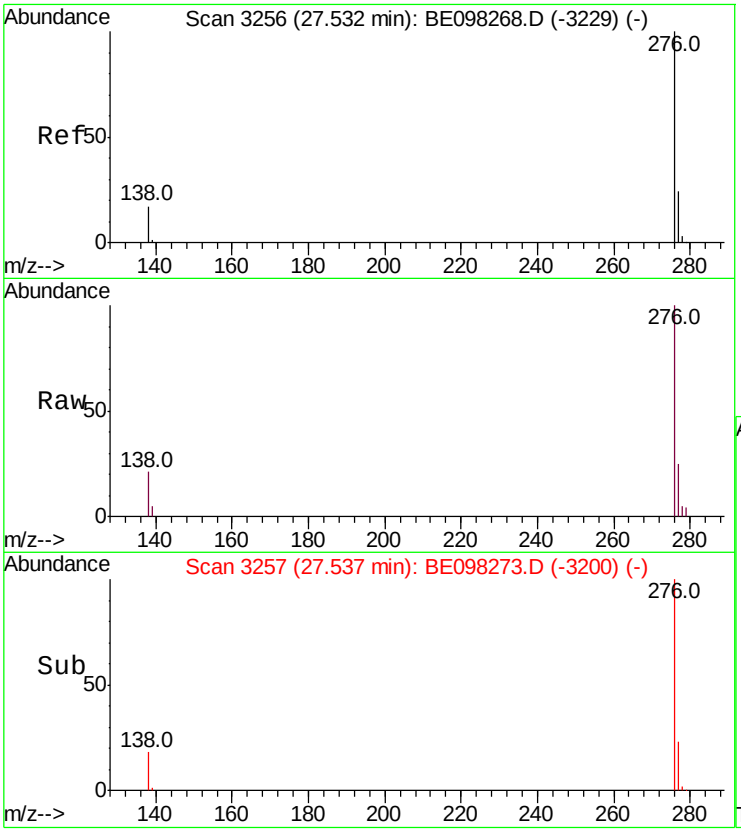


#38
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Tgt Ion:278 Resp: 9661

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.5	21.7
279	28.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.298 ng
RT: 27.54 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BE098273.D
Acq: 29 Nov 2018 14:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9928

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.8	31.2
138	20.8	15.8	23.6