Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122618\
Data File : BE098559.D
Acq On : 26 Dec 2018 10:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 26 11:00:49 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	7.85	152	779	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	3432	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	2403	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	6242	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	7621	0.40	ng		-0.01
34) Perylene-d12	23.98	264	7313	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	758	0.42	ng		0.00
5) Phenol-d6	7.04	99	1139	0.44	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1208	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2361	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	403	0.46	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	3938	0.39	ng		-0.01
25) Fluoranthene-d10	19.29	212	35472	0.44	ng		-0.02
29) Terphenyl-d14	19.89	244	6788	0.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	565	0.419	ng		98
3) n-Nitrosodimethylamine	3.70	42	309	0.255	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	888	0.362	ng		83
9) Naphthalene	10.69	128	14388	0.417	ng		99
10) Hexachlorobutadiene	10.98	225	1012	0.460	ng		97
12) 2-Methylnaphthalene	12.32	142	2331	0.415	ng		97
16) Acenaphthylene	14.23	152	4127	0.367	ng		98
17) Acenaphthene	14.57	154	2624	0.388	ng		95
18) Fluorene	15.56	166	3587	0.396	ng		98
20) 4-Bromophenyl-phenylether	16.45	248	1295	0.385	ng		87
21) Hexachlorobenzene	16.57	284	1582	0.438	ng		96
22) Pentachlorophenol	16.93	266	323	0.531	ng		93
23) Phenanthrene	17.30	178	6185	0.408	ng		100
24) Anthracene	17.40	178	4952	0.366	ng		100
26) Fluoranthene	19.32	202	8747	0.436	ng		98
28) Pyrene	19.68	202	8887	0.372	ng		99
30) Benzo(a)anthracene	21.43	228	8358	0.385	ng		98
31) Chrysene	21.49	228	8986	0.395	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	14908	0.338	ng		99
33) Indeno(1,2,3-cd)pyrene	26.66	276	9569	0.423	ng		97
35) Benzo(b)fluoranthene	23.20	252	8041	0.402	ng		98
36) Benzo(k)fluoranthene	23.26	252	9115	0.391	ng		98
37) Benzo(a)pyrene	23.87	252	8326	0.403	ng	#	97
38) Dibenzo(a,h)anthracene	26.68	278	7618	0.392	ng		96
39) Benzo(g,h,i)perylene	27.48	276	7952	0.406	ng		96

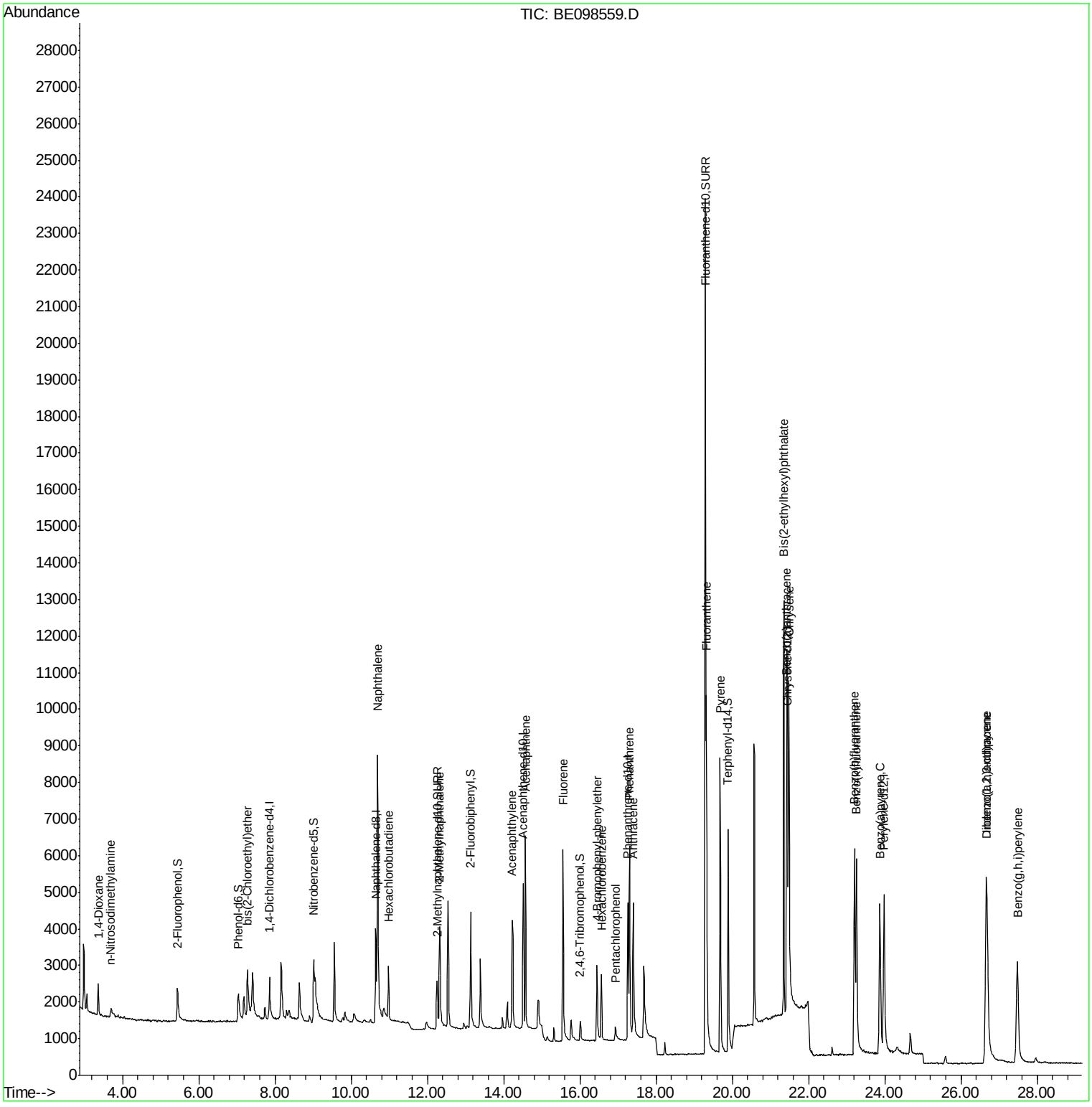
(#) = qualifier out of range (m) = manual integration (+) = signals summed

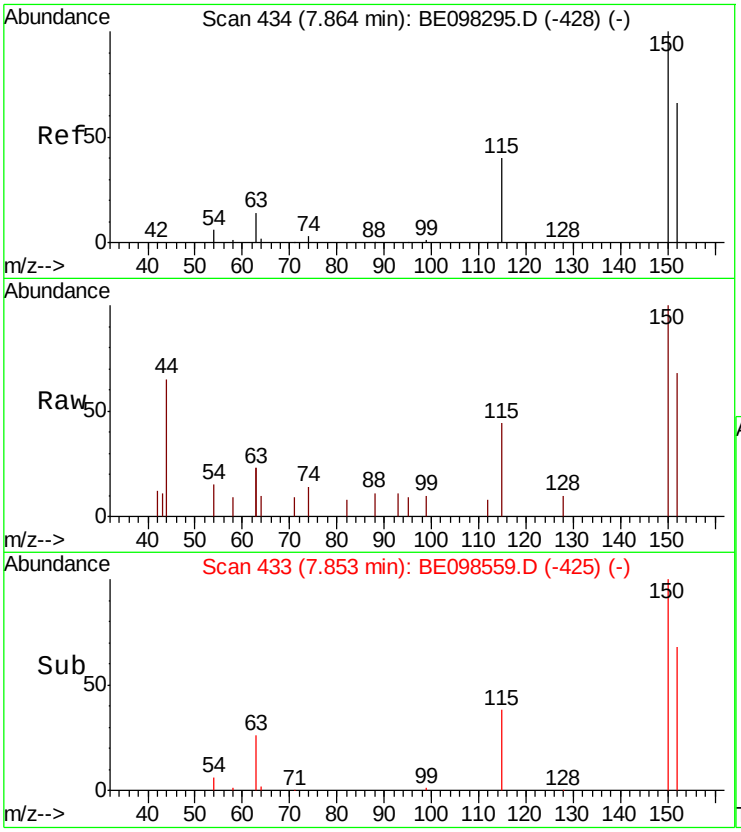
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122618\
Data File : BE098559.D
Acq On : 26 Dec 2018 10:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 26 11:00:49 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



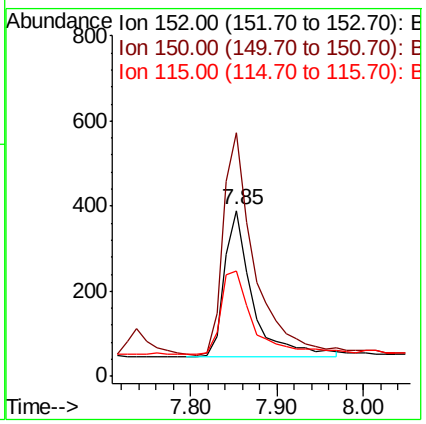


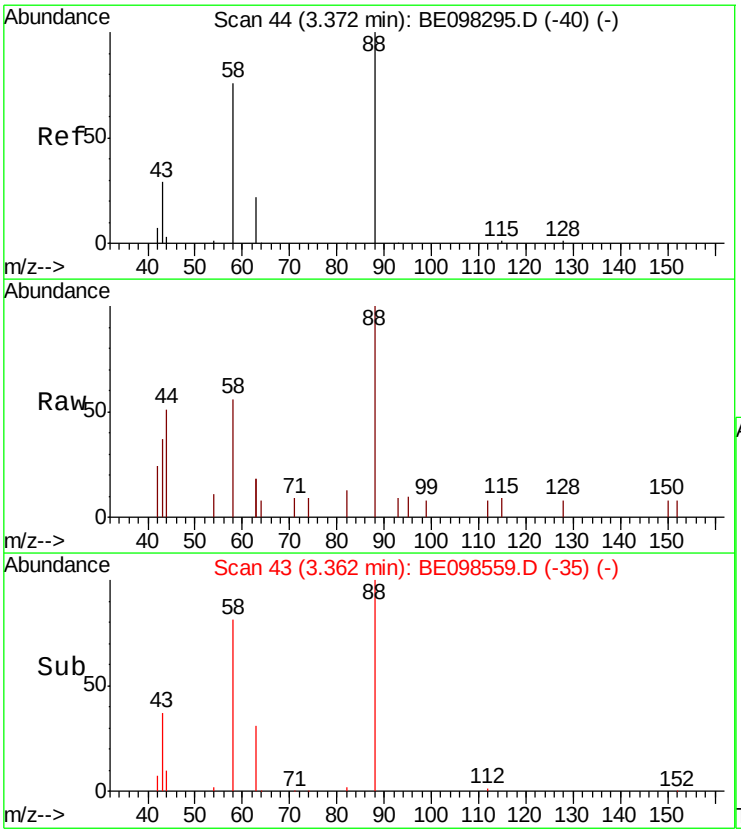
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 779

Ion	Ratio	Lower	Upper
152	100		
150	147.0	124.2	186.4
115	64.0	53.9	80.9

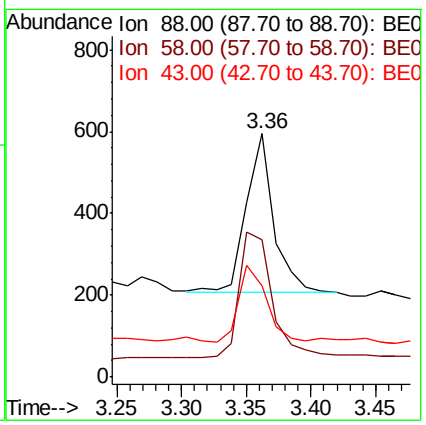


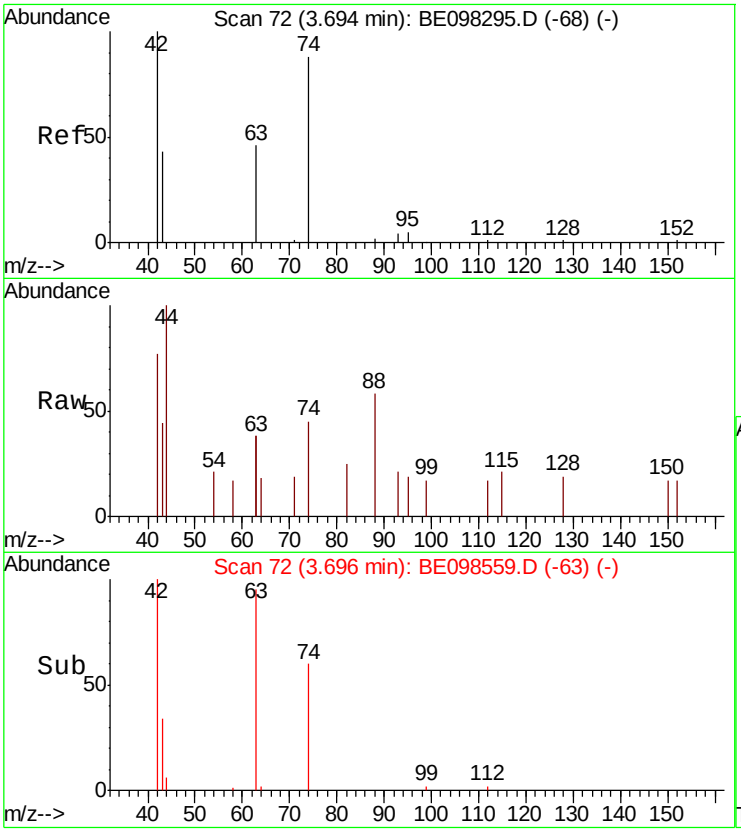


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion: 88 Resp: 565

Ion	Ratio	Lower	Upper
88	100		
58	96.3	75.0	112.6
43	48.8	38.3	57.5



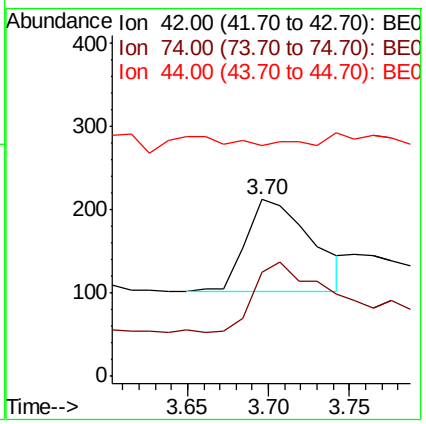


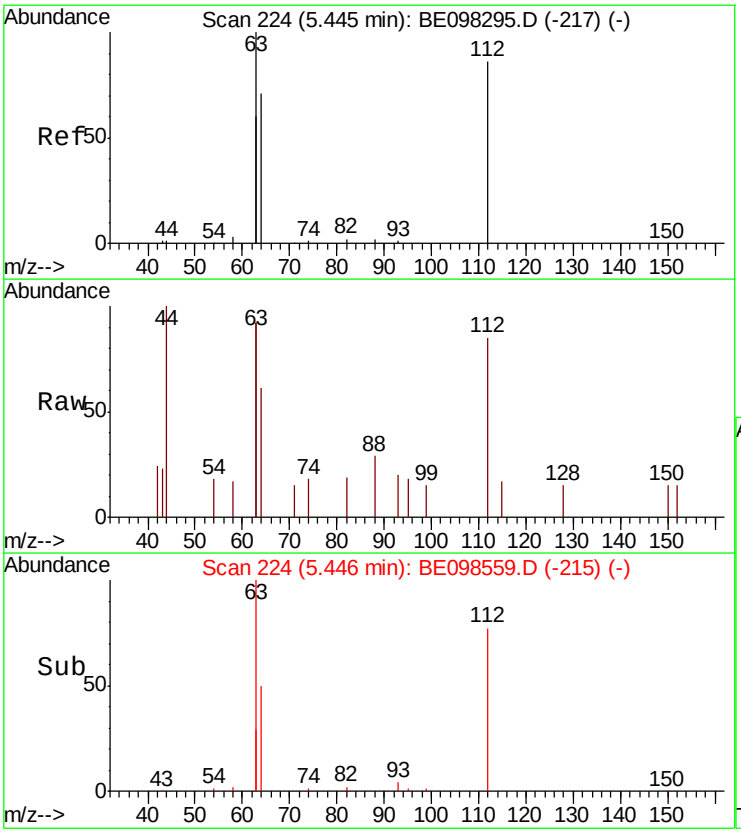
#3
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 309

Ion	Ratio	Lower	Upper
42	100		
74	77.3	0.0	0.0#
44	0.0	0.0	0.0

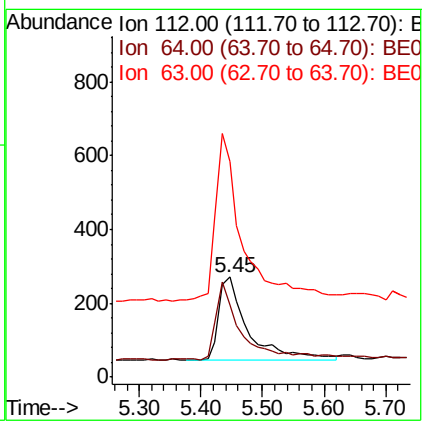


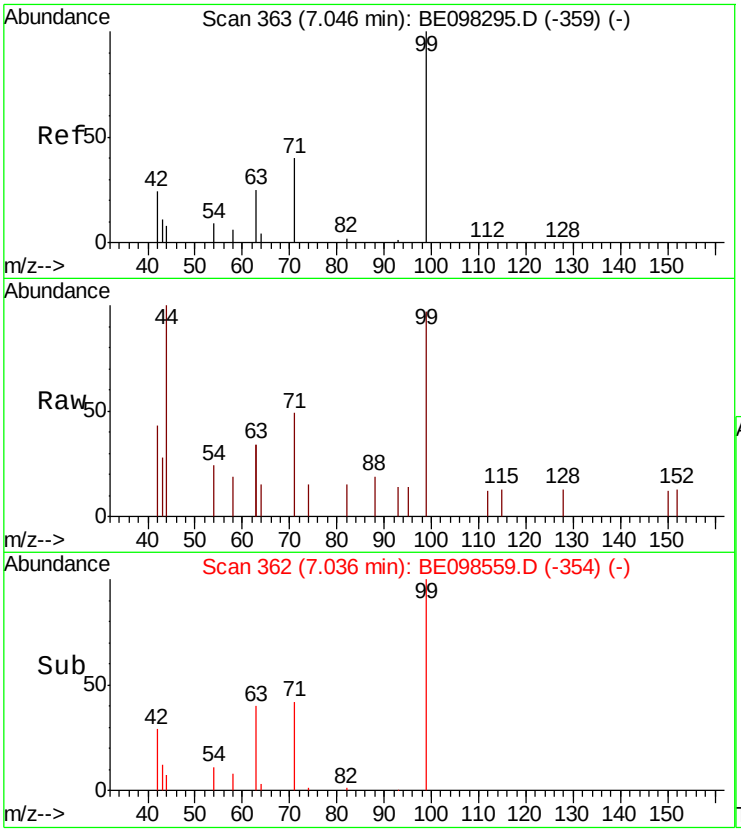


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:112 Resp: 758

Ion	Ratio	Lower	Upper
112	100		
64	78.1	59.8	89.8
63	175.1	133.7	200.5



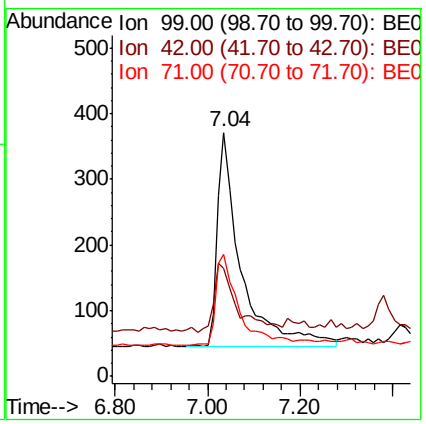


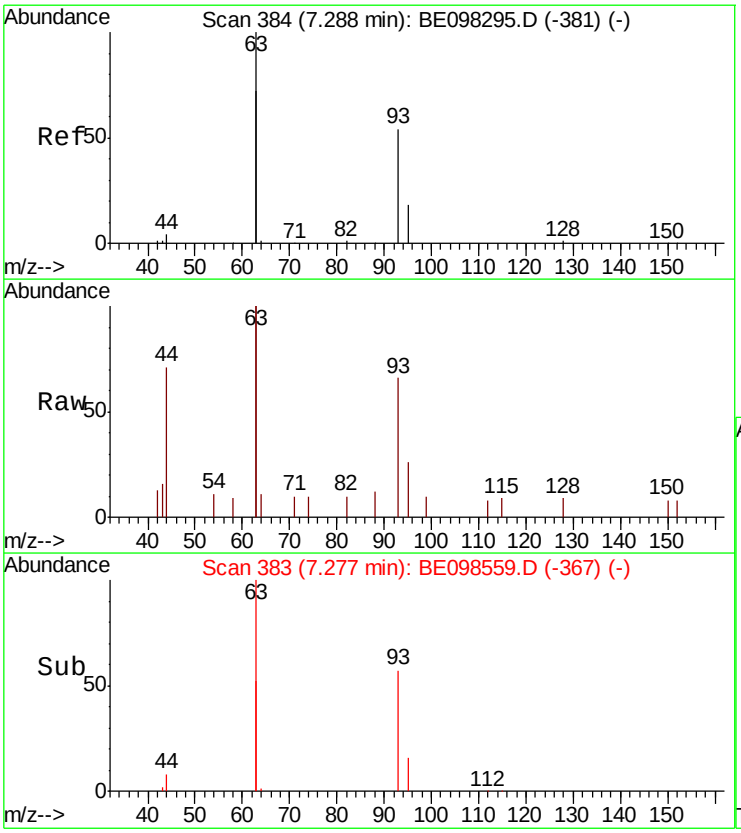
#5
Phenol-d6
Concen: 0.441 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1139

Ion	Ratio	Lower	Upper
99	100		
42	31.5	26.3	39.5
71	41.9	33.6	50.4

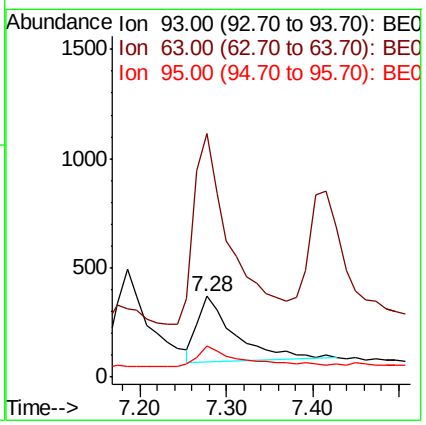


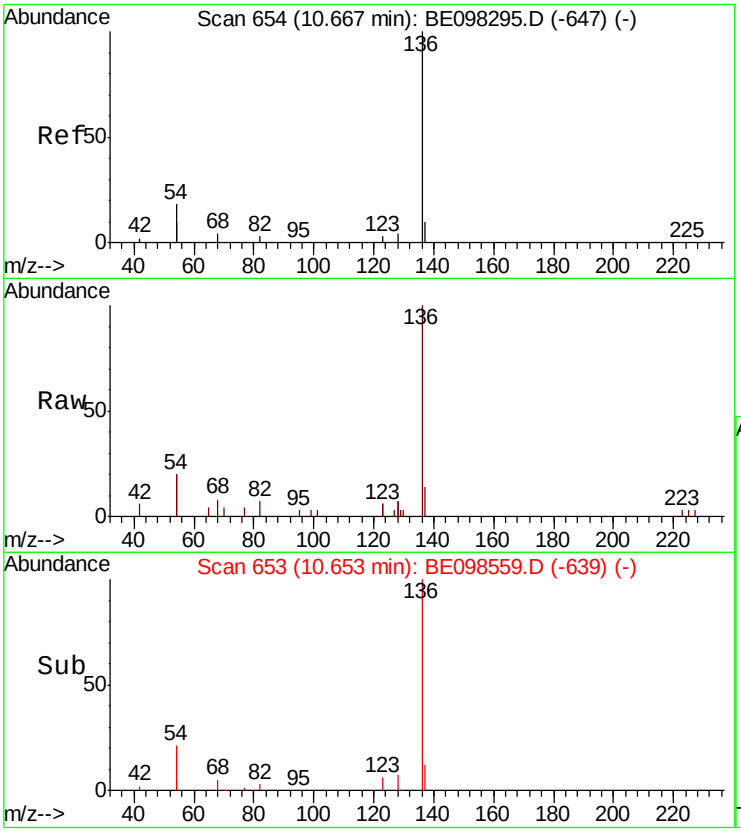


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion: 93 Resp: 888

Ion	Ratio	Lower	Upper
93	100		
63	293.2	264.4	396.6
95	36.9	26.6	40.0



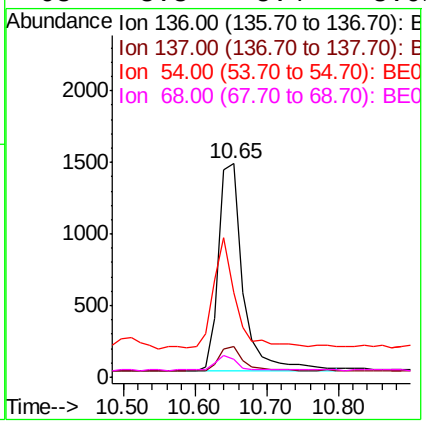


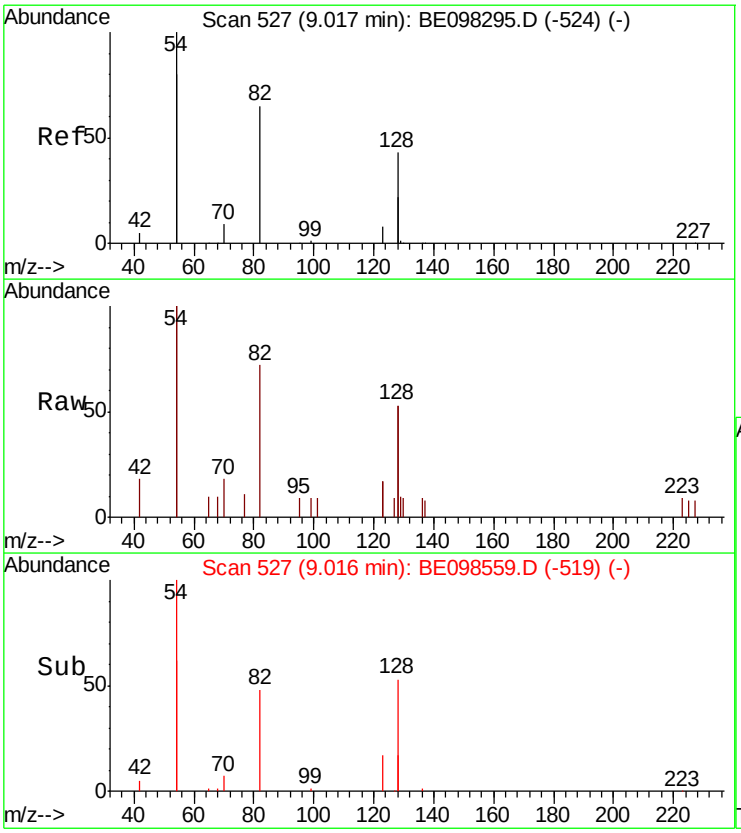
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3432

Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.2	13.8#
54	39.8	28.4	42.6
68	8.3	5.4	8.0#

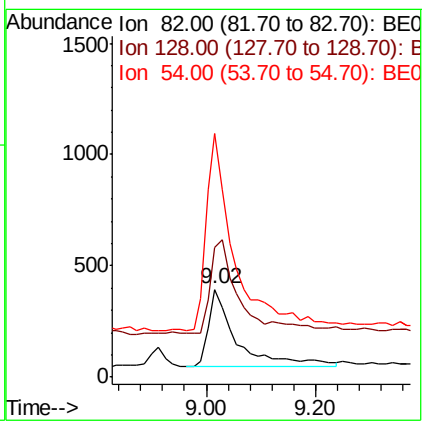


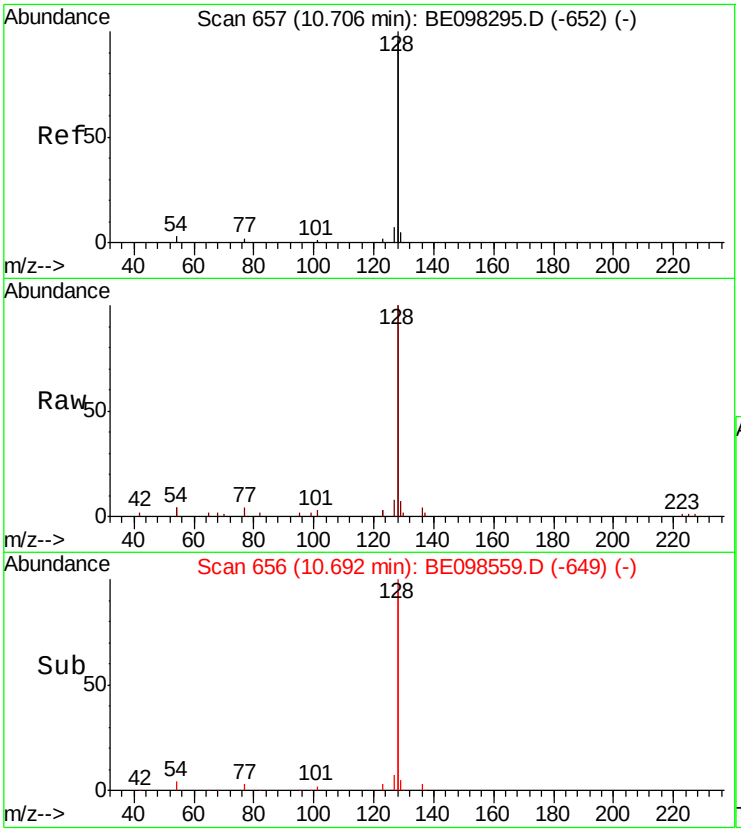


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion: 82 Resp: 1208

Ion	Ratio	Lower	Upper
82	100		
128	147.8	102.4	153.6
54	277.0	221.8	332.8

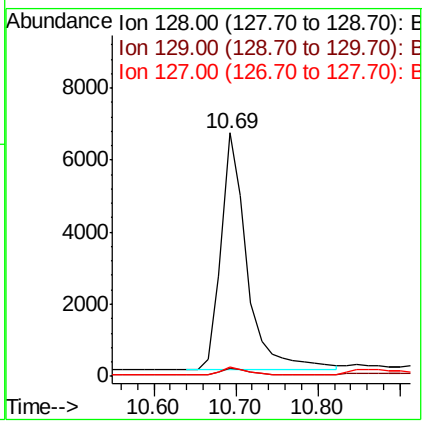




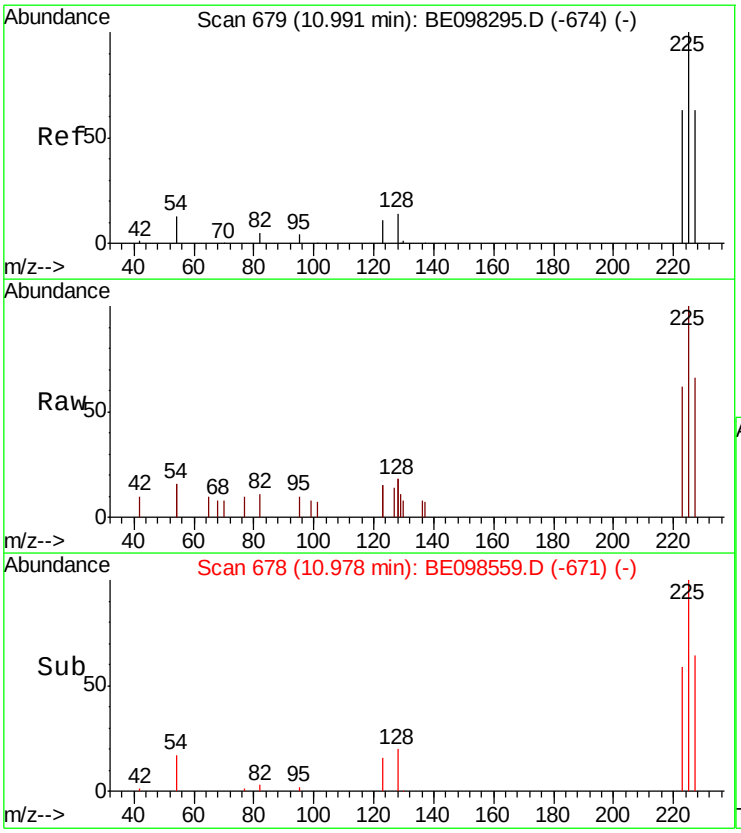
#9
Naphthalene
Concen: 0.417 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:128 Resp: 14388

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



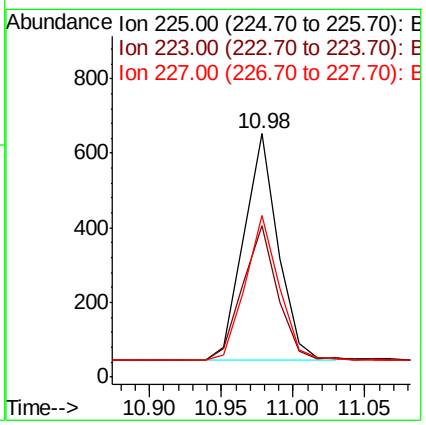
Instrument :
BNA_E
ClientSampleId :

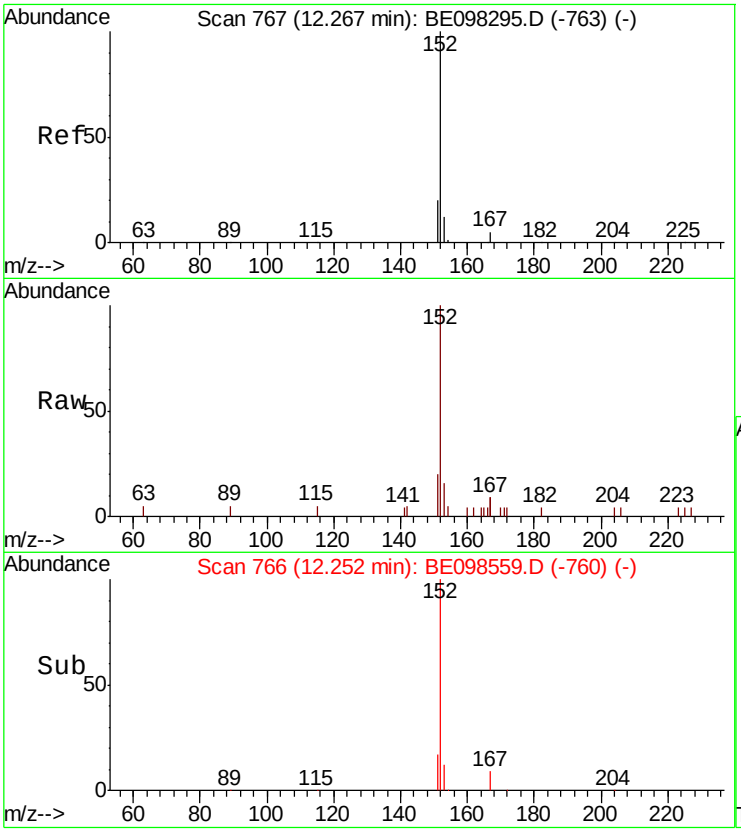


#10
Hexachlorobutadiene
Concen: 0.460 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:225 Resp: 1012

Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.4	74.0
227	63.1	52.0	78.0



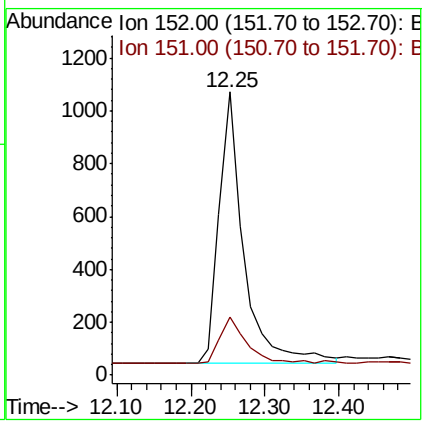


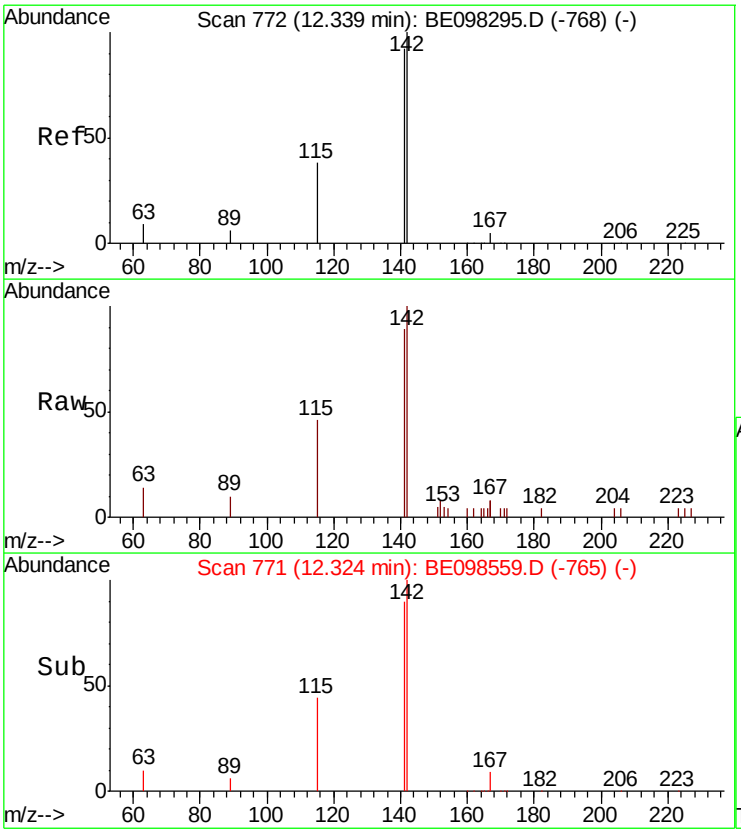
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2361

Ion	Ratio	Lower	Upper
152	100		
151	17.5	16.2	24.4

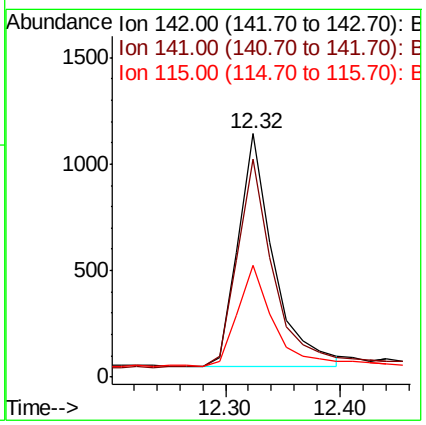


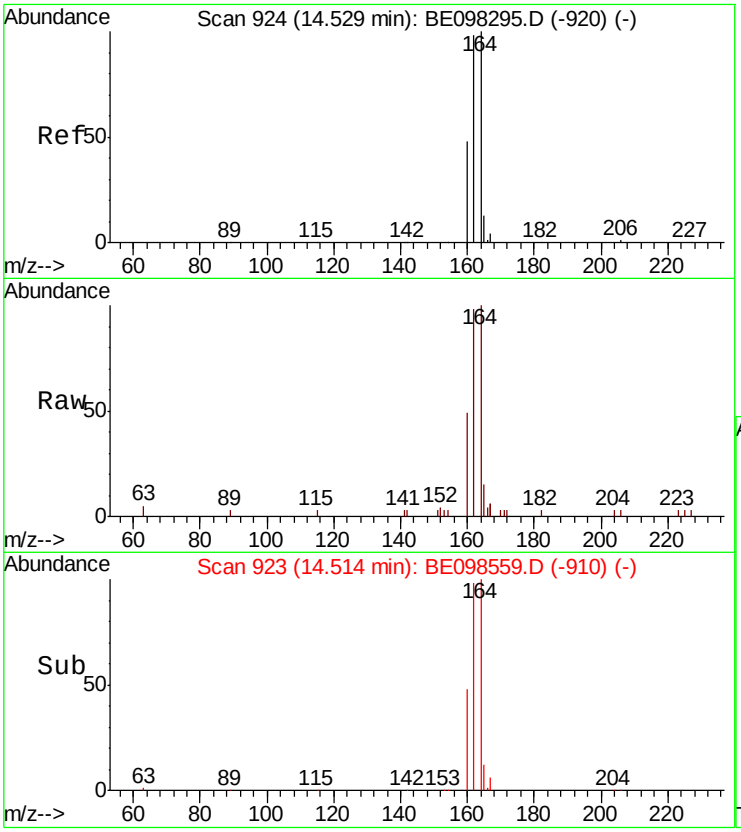


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:142 Resp: 2331

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	46.1	32.2	48.2



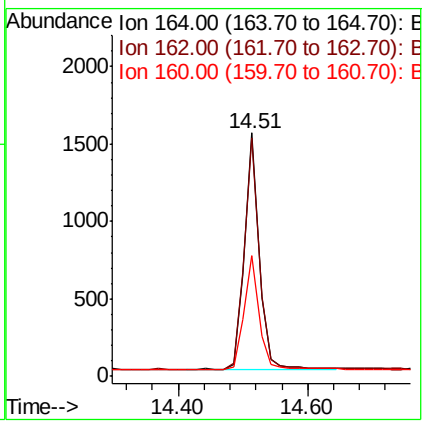


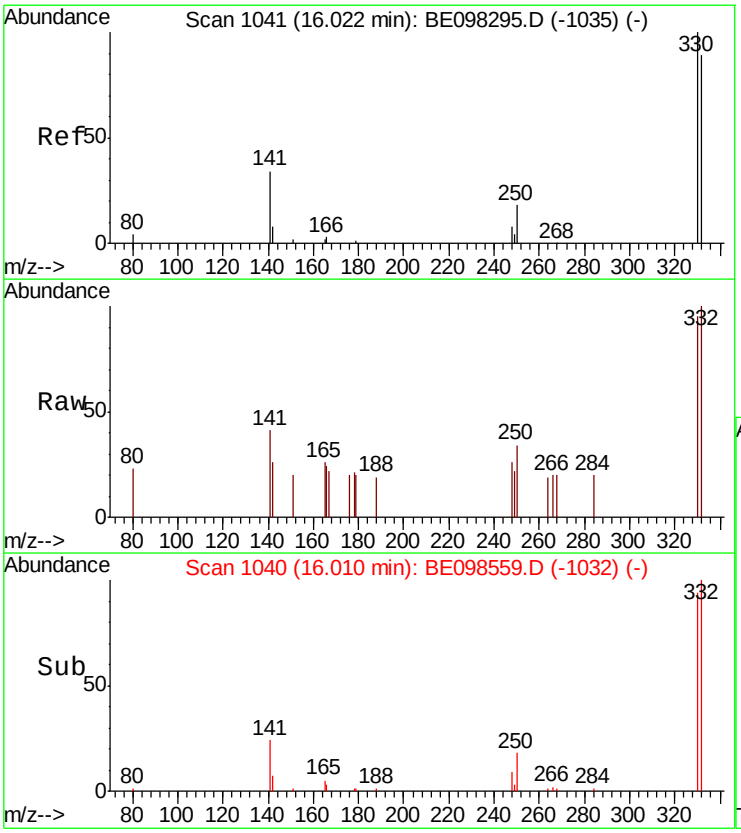
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2403

Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.6	116.4
160	49.3	36.0	54.0

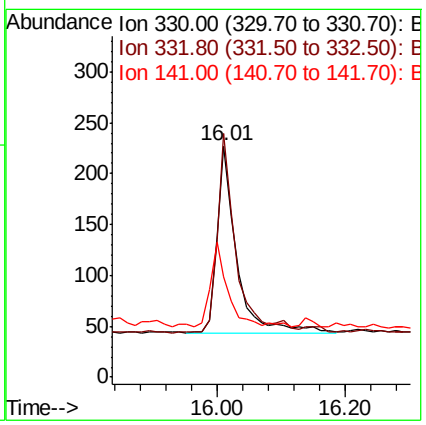


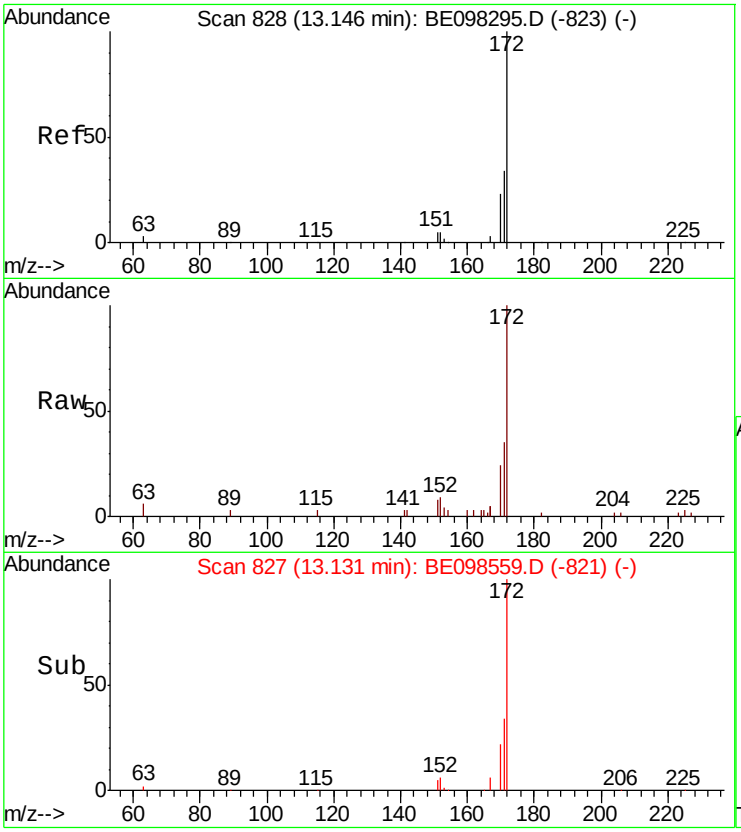


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:330 Resp: 403

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	39.0	39.0	58.4#



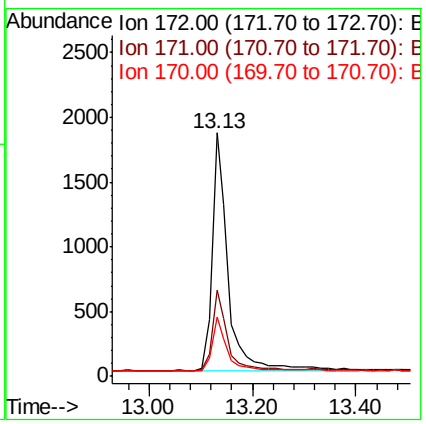


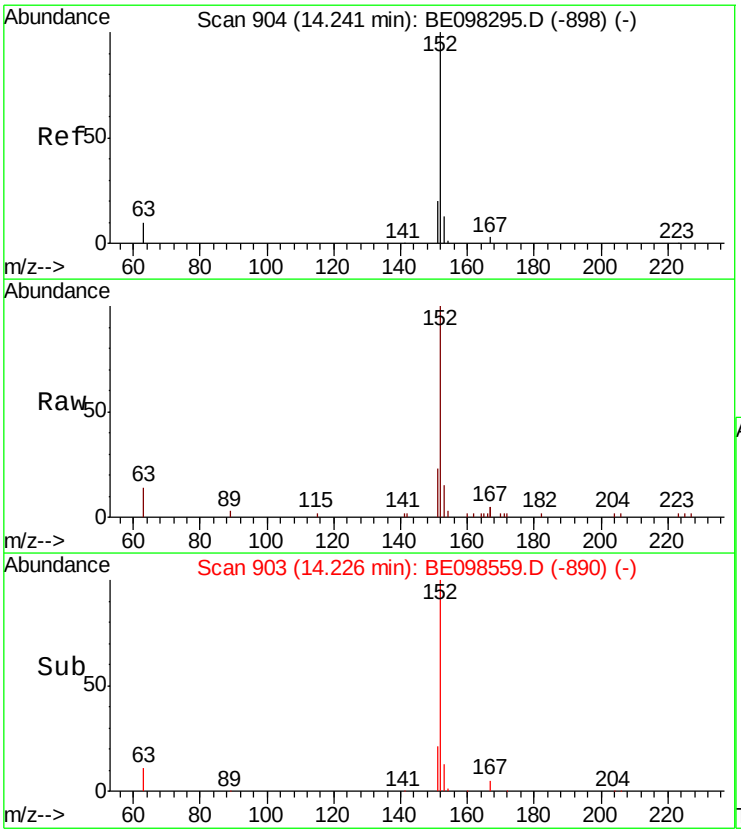
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3938

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	24.2	19.6	29.4

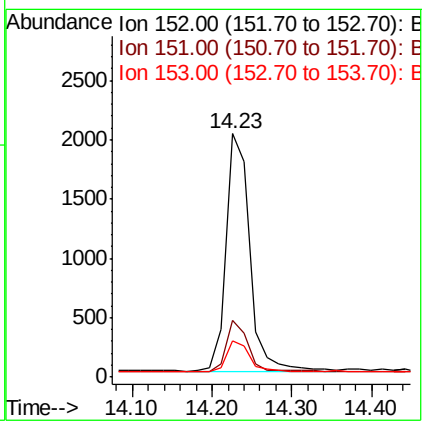


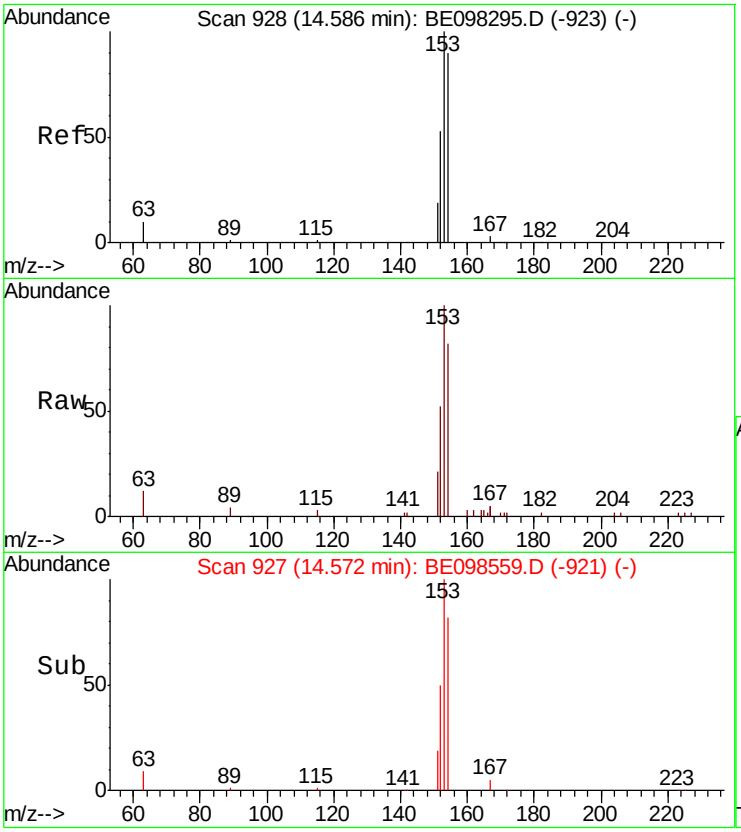


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:152 Resp: 4127

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	12.2	10.6	16.0



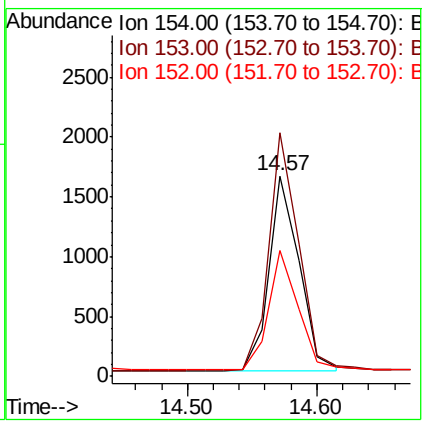


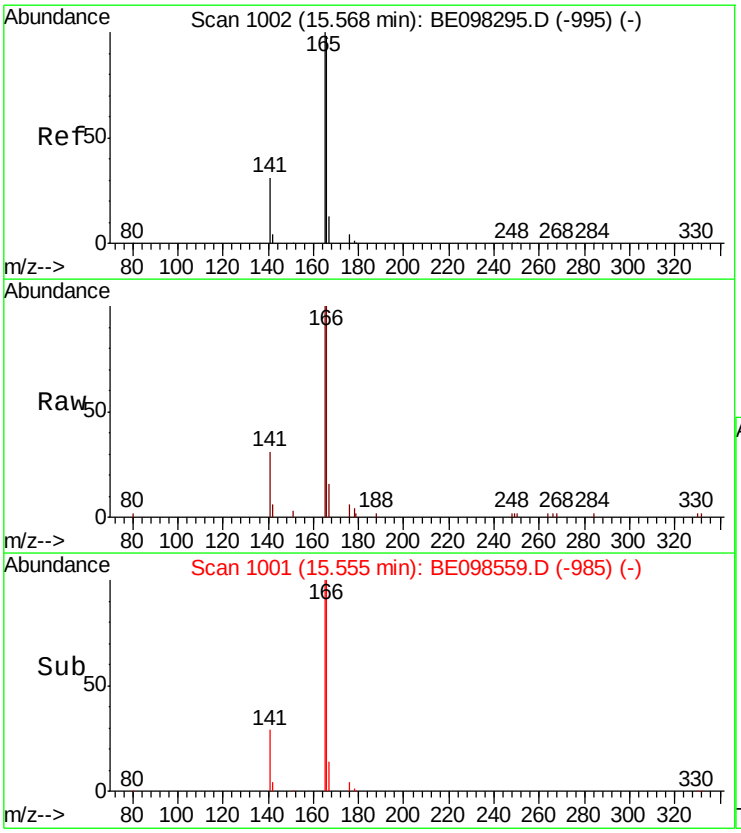
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2624

Ion	Ratio	Lower	Upper
154	100		
153	120.0	91.8	137.6
152	60.7	45.5	68.3

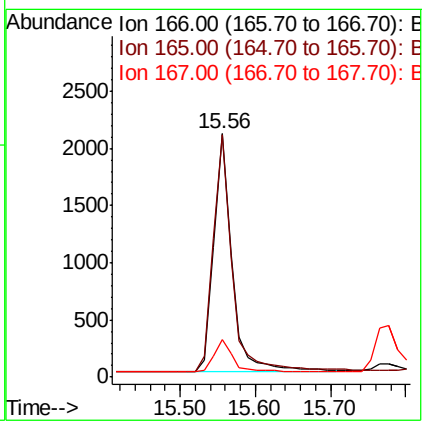


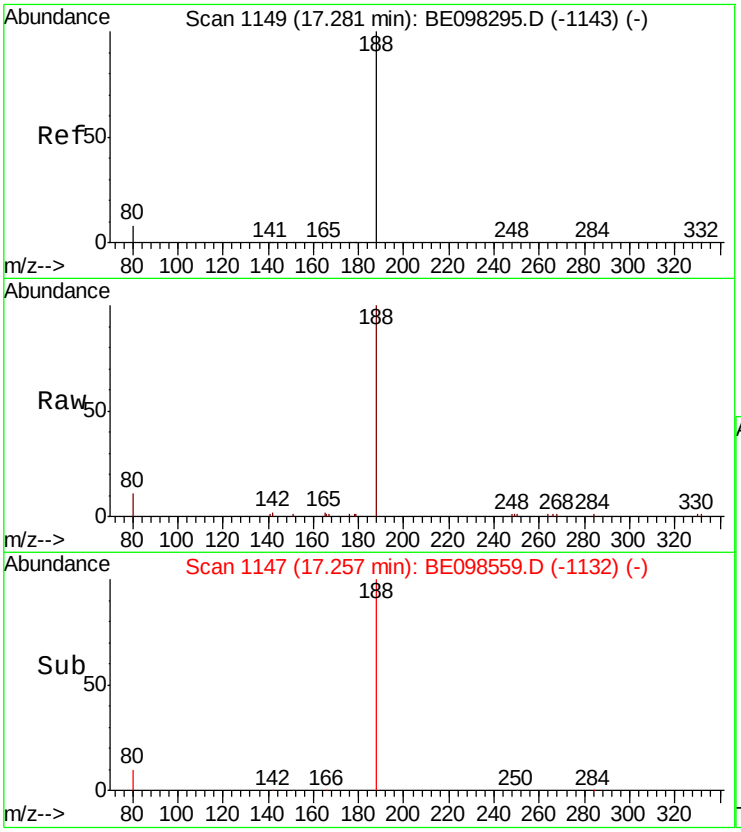


#18
Fluorene
Concen: 0.396 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:166 Resp: 3587

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.3	118.9
167	13.8	11.3	16.9



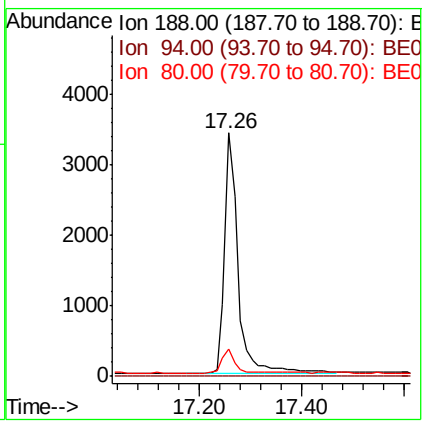


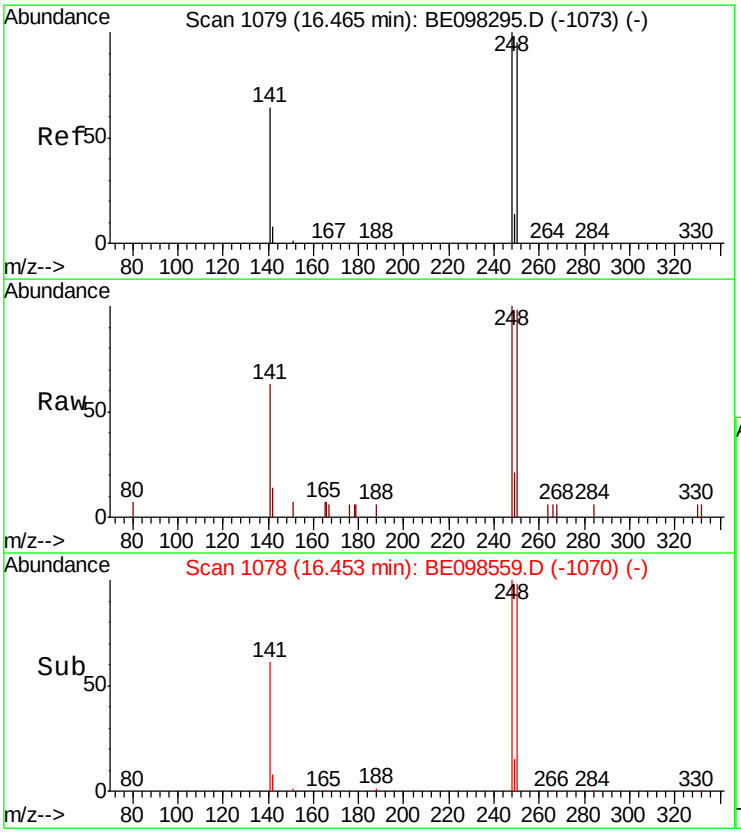
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6242

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.2	10.8#

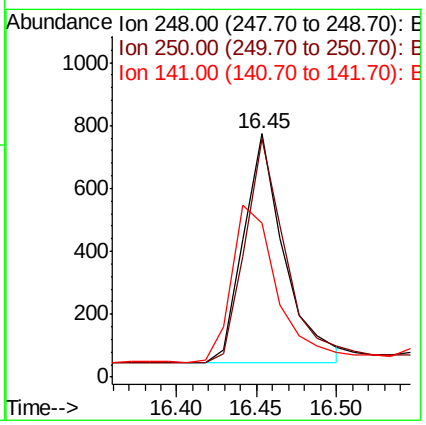


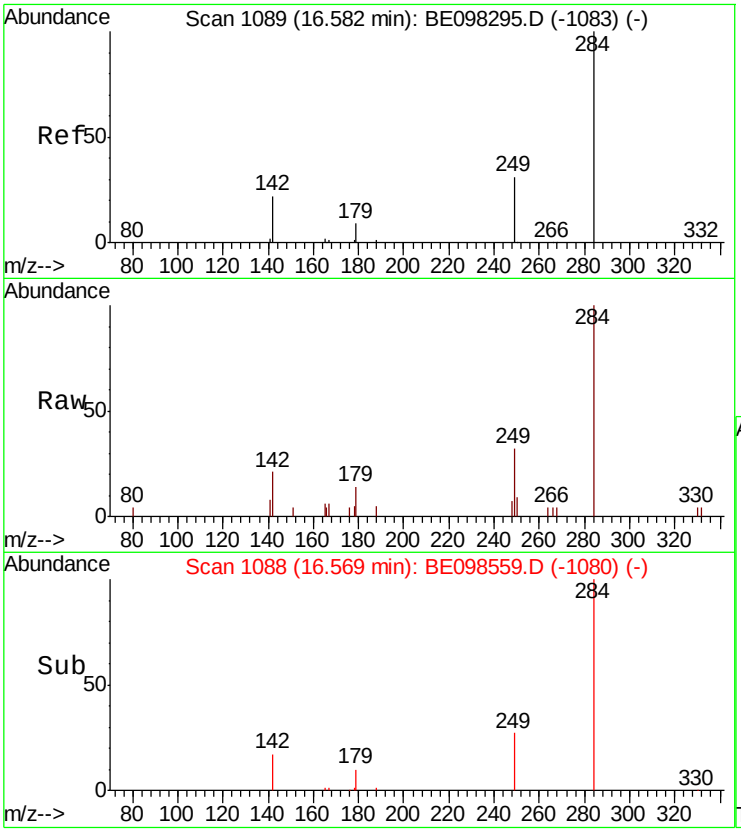


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:248 Resp: 1295

Ion	Ratio	Lower	Upper
248	100		
250	97.8	71.0	106.6
141	63.4	62.1	93.1



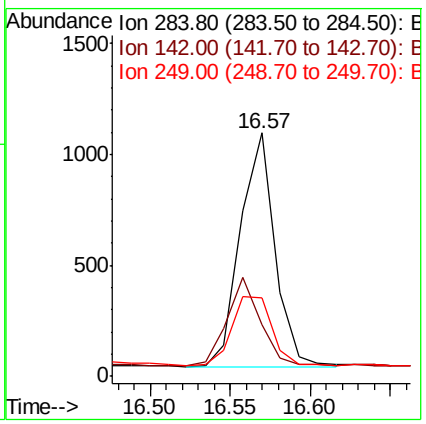


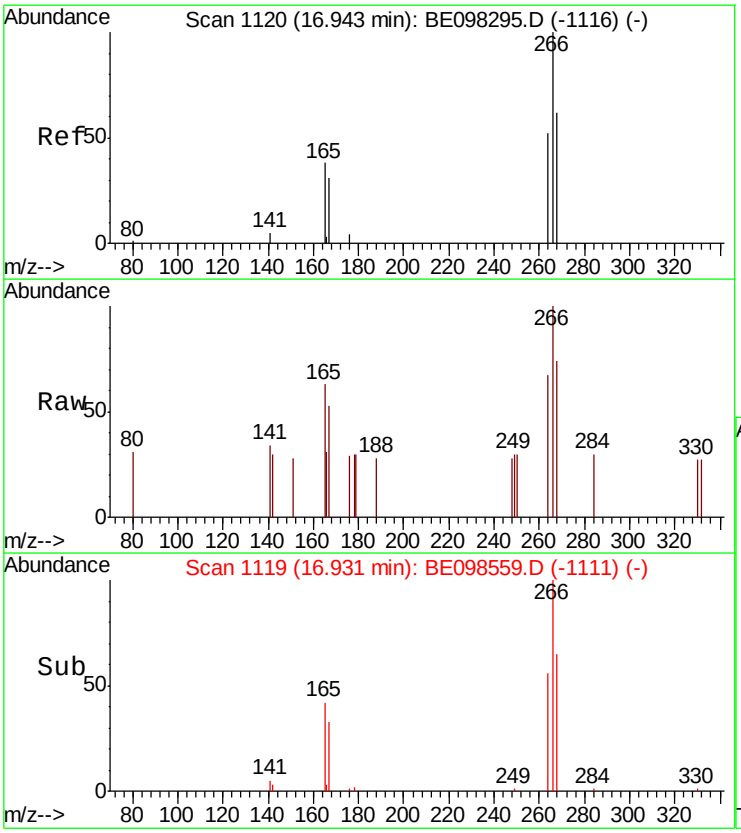
#21
Hexachlorobenzene
Concen: 0.438 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1582

Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.3	39.5
249	34.3	26.0	39.0

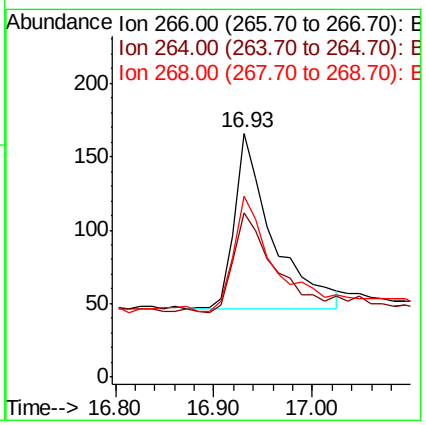


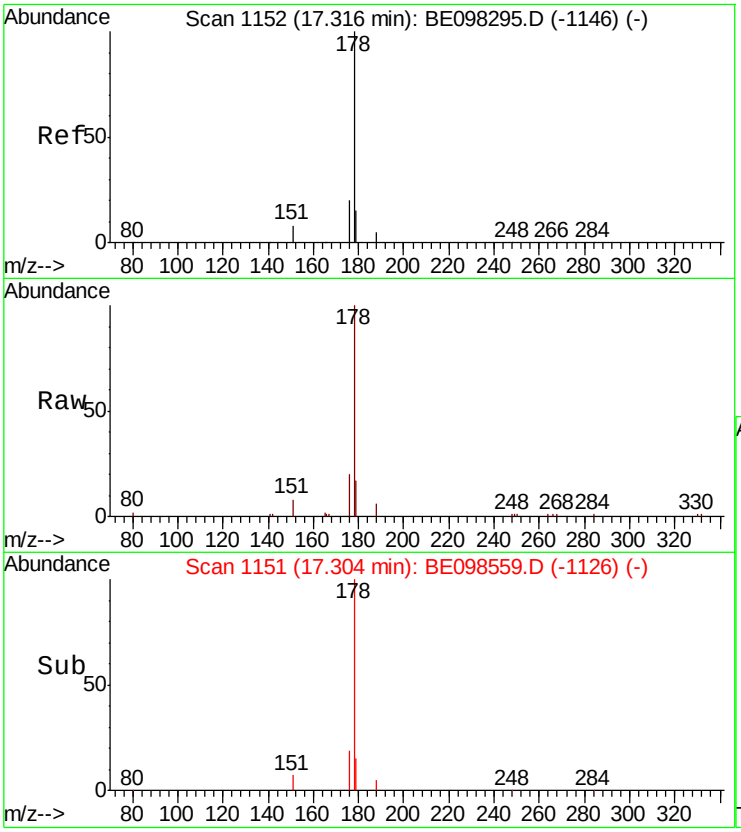


#22
Pentachlorophenol
Concen: 0.531 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:266 Resp: 323

Ion	Ratio	Lower	Upper
266	100		
264	67.5	59.0	88.4
268	74.1	55.1	82.7



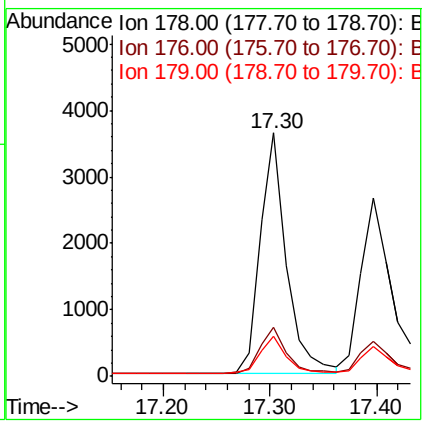


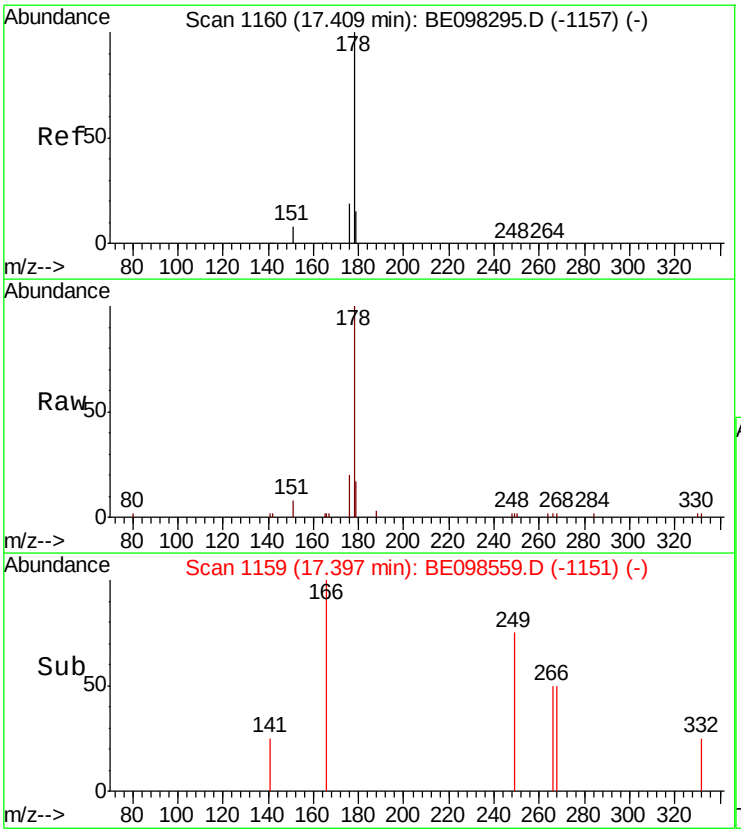
#23
Phenanthrene
Concen: 0.408 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6185

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.3	18.5

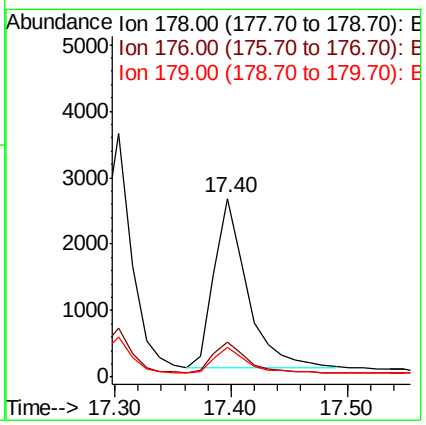


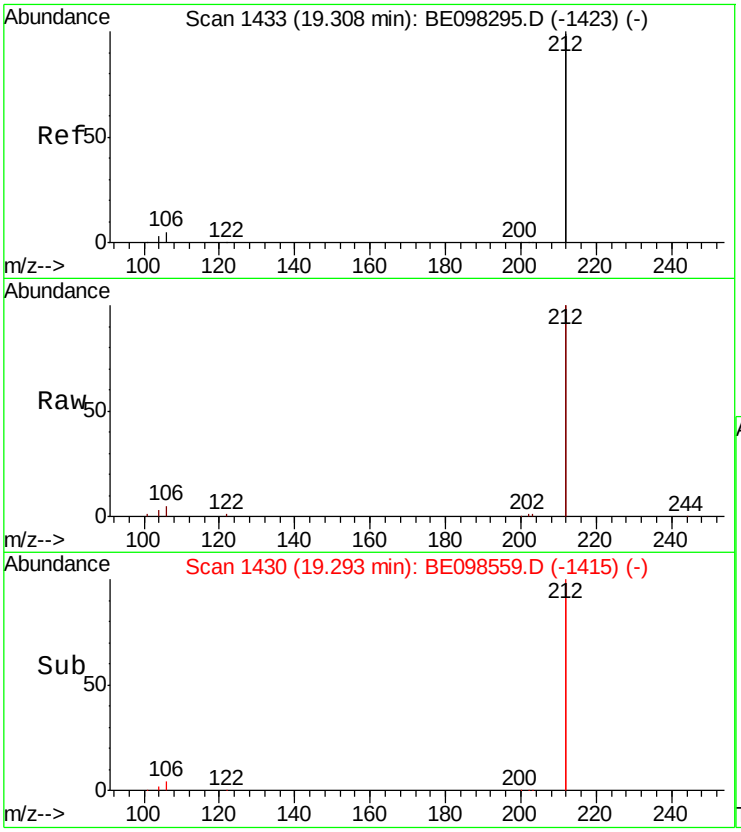


#24
Anthracene
Concen: 0.366 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:178 Resp: 4952

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.3	18.5



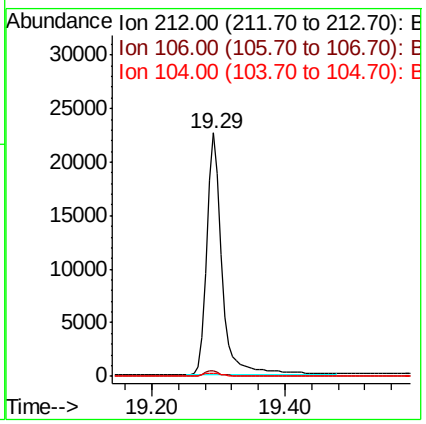


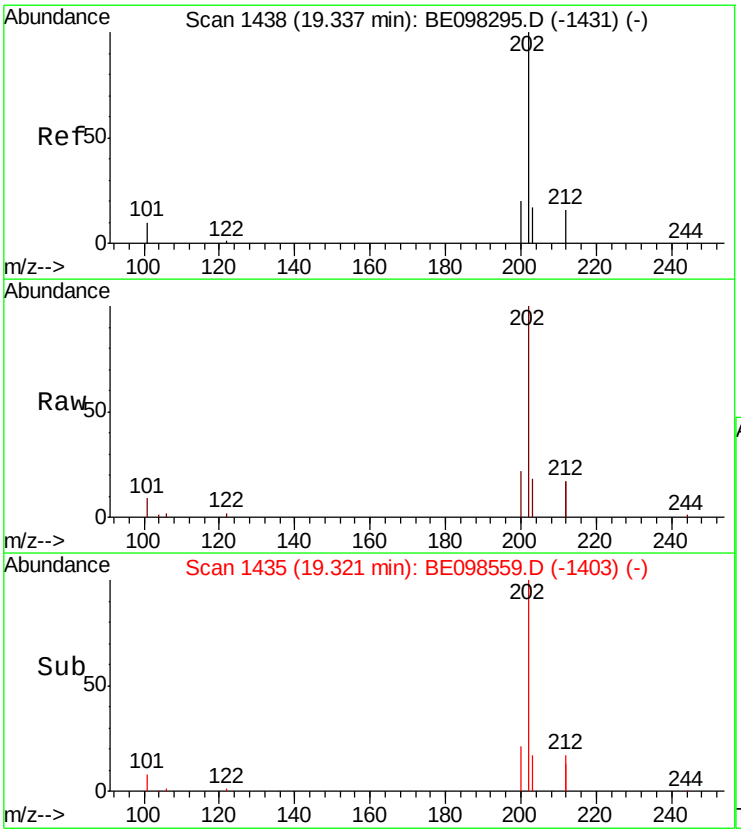
#25
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35472

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

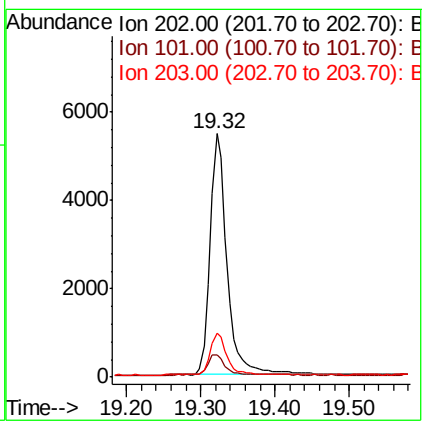


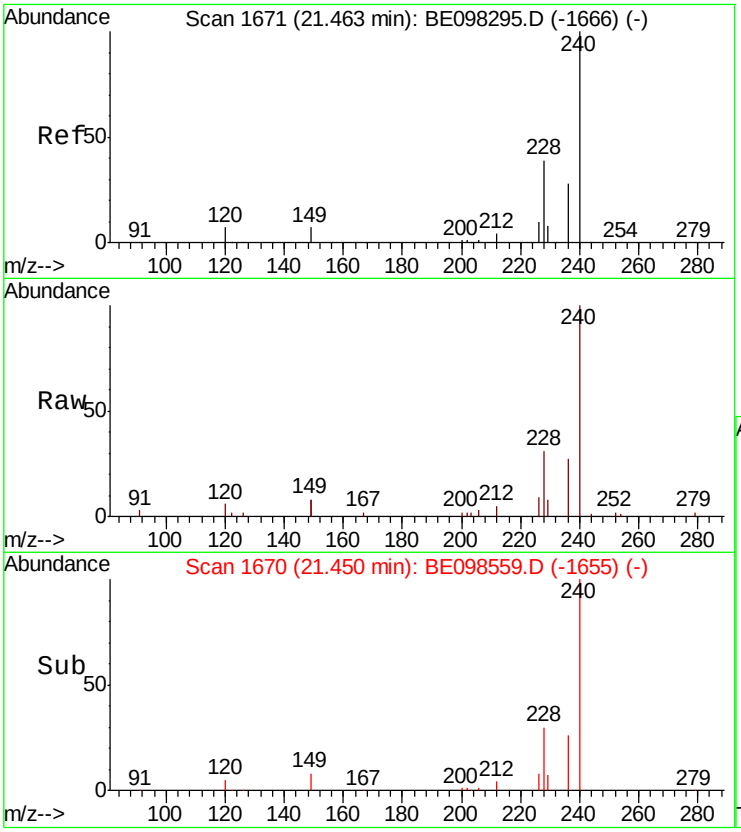


#26
Fluoranthene
Concen: 0.436 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:202 Resp: 8747

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.0	12.0
203	16.8	13.8	20.6



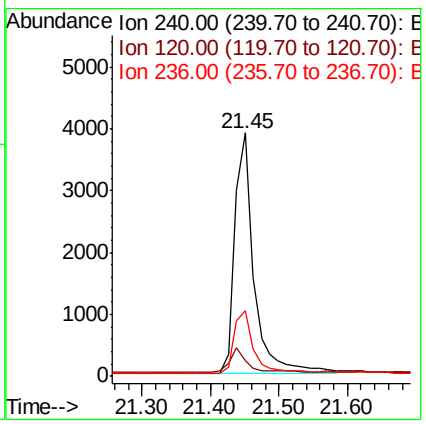


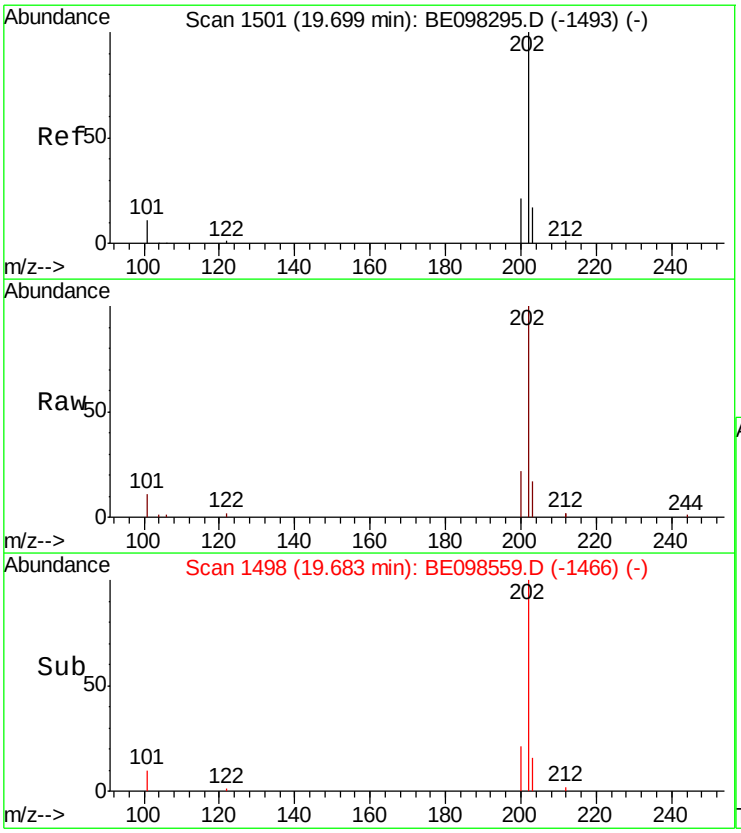
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7621

Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	27.2	22.7	34.1

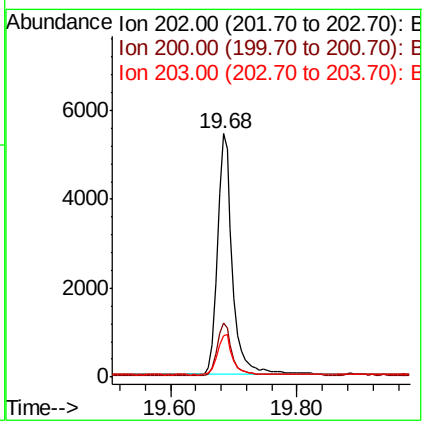


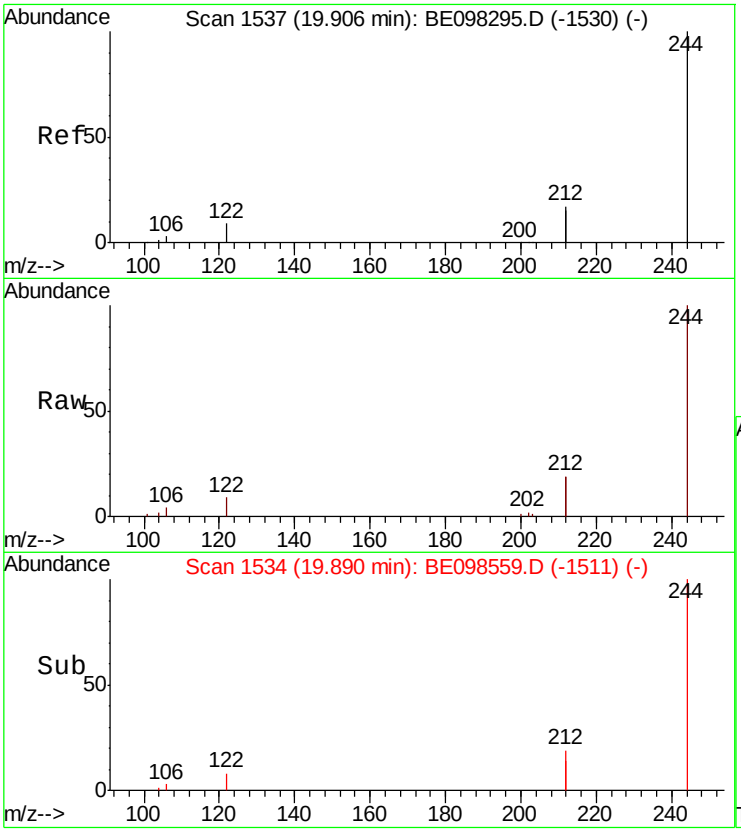


#28
Pyrene
Concen: 0.372 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:202 Resp: 8887

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



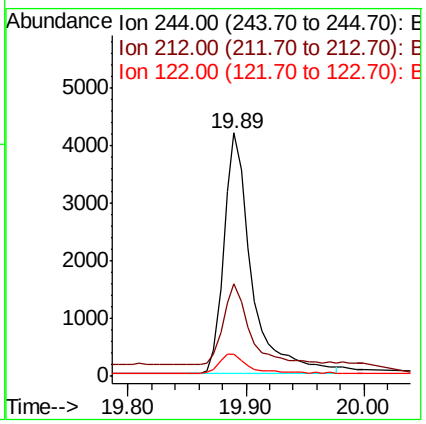


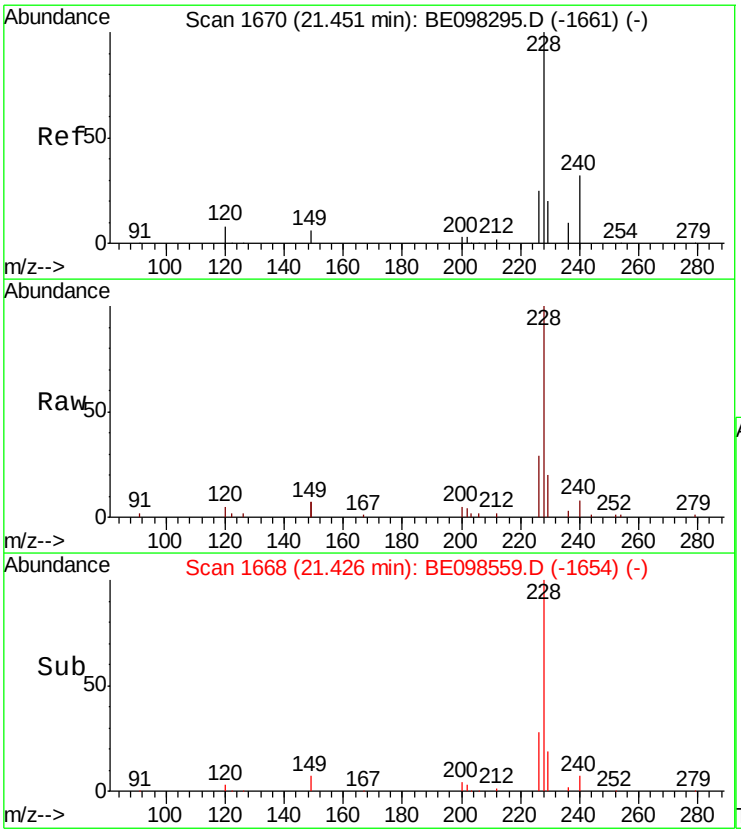
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6788

Ion	Ratio	Lower	Upper
244	100		
212	37.8	27.4	41.0
122	9.4	8.3	12.5

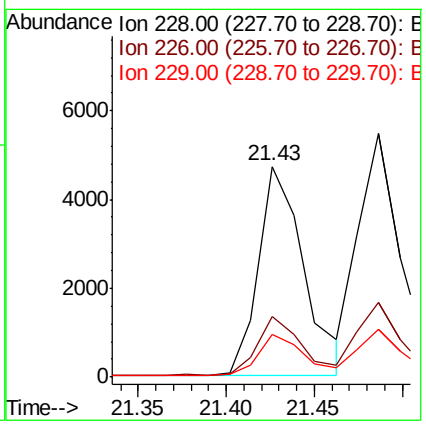


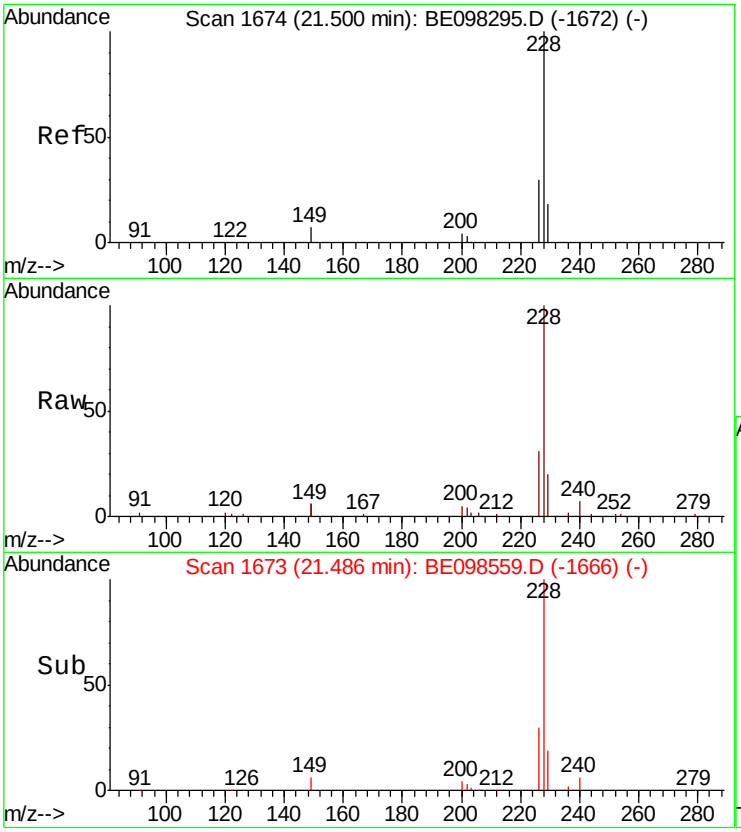


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.03 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:228 Resp: 8358

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	20.0	16.3	24.5



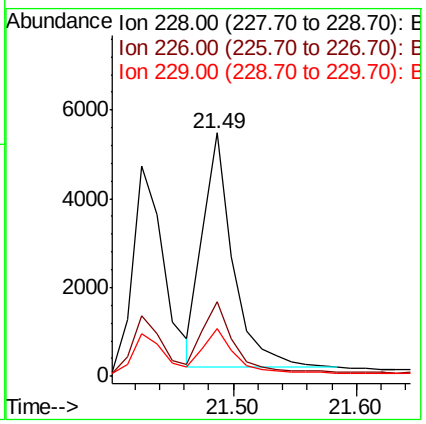


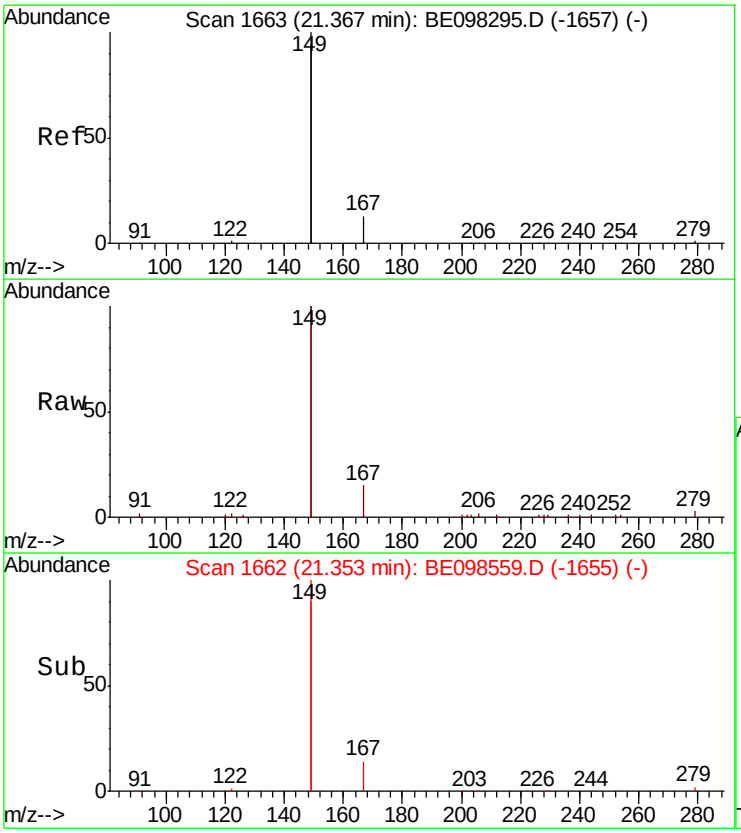
#31
Chrysene
Concen: 0.395 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8986

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.9	16.2	24.4

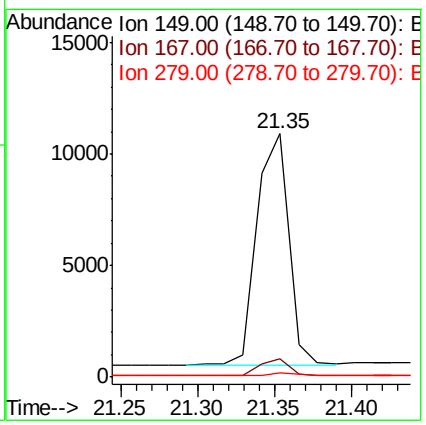


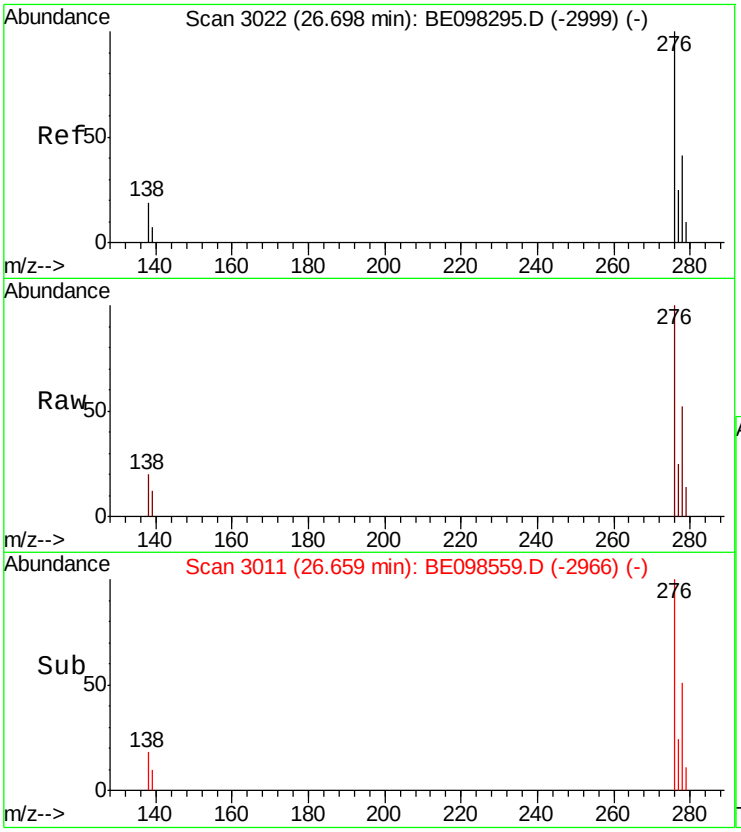


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.338 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:149 Resp: 14908

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.1	1.0	1.4



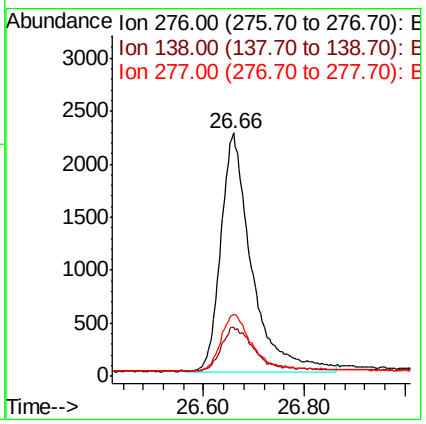


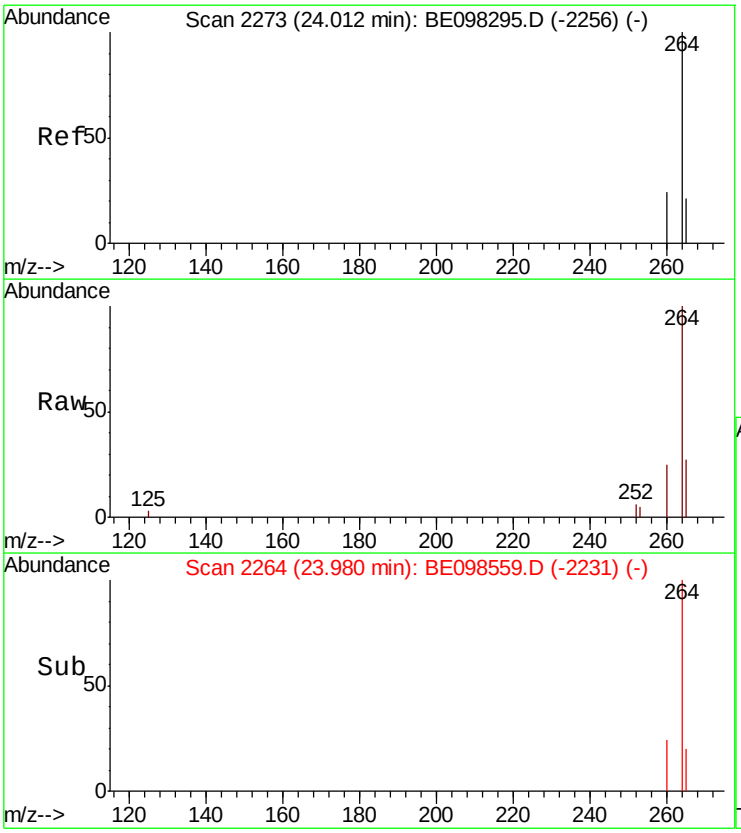
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 26.66 min Scan# 3011
Delta R.T. -0.04 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9569

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.3	24.5
277	24.1	20.2	30.4

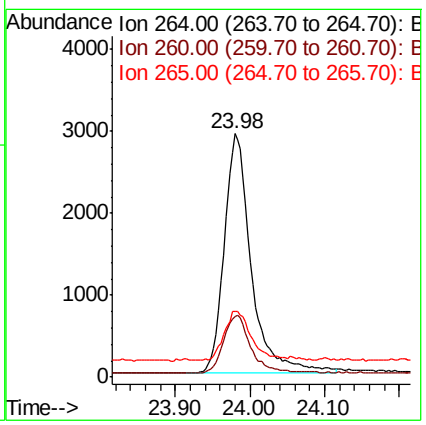


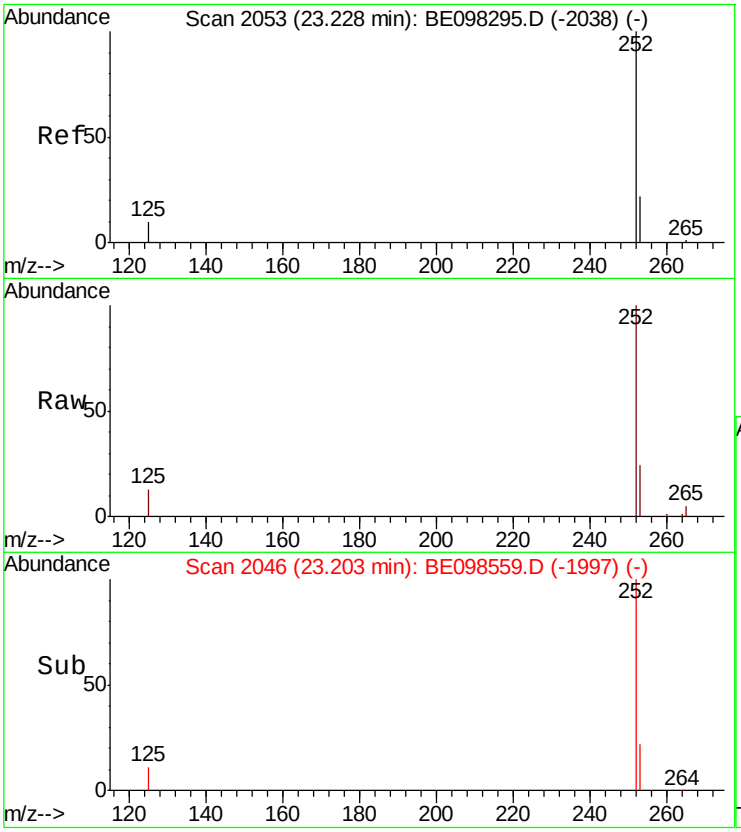


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:264 Resp: 7313

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	27.1	25.2	37.8



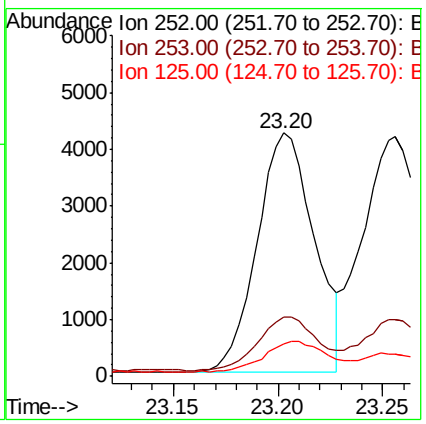


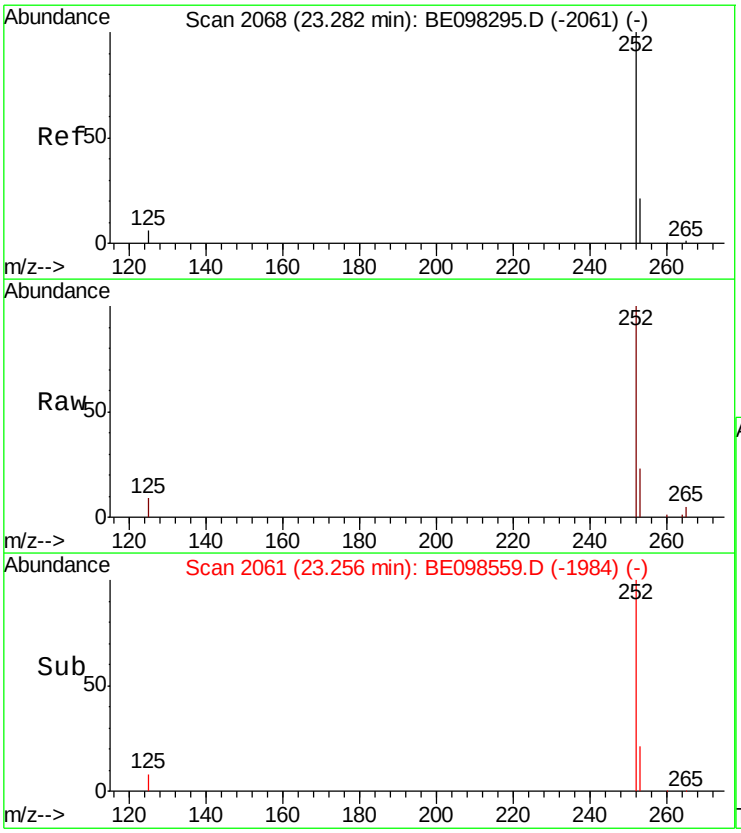
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.20 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8041

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	13.2	9.6	14.4

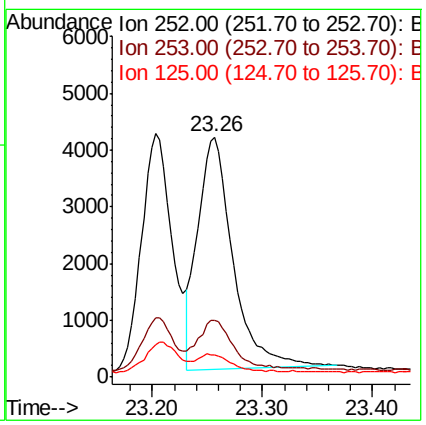


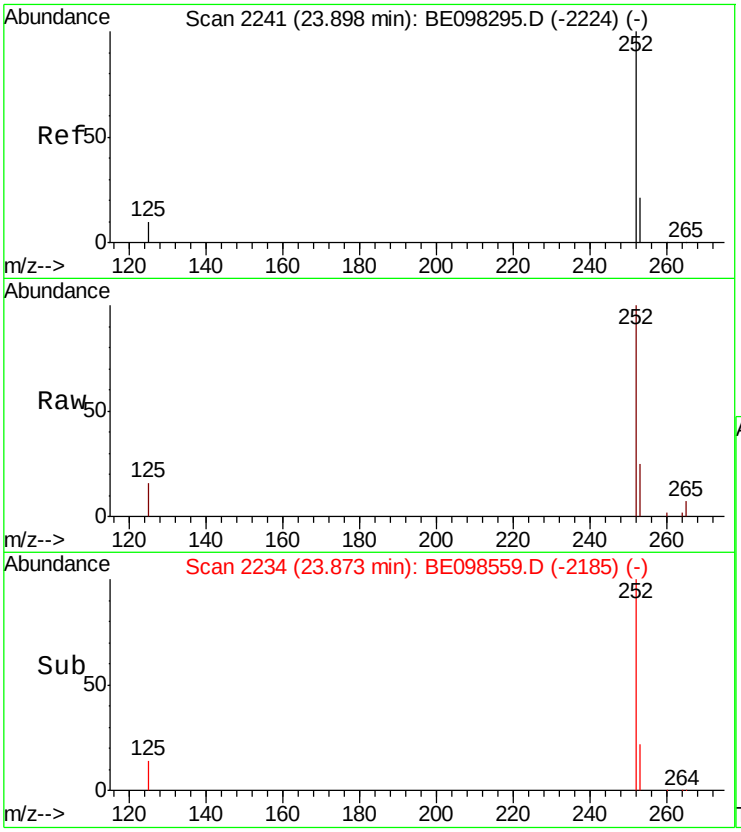


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:252 Resp: 9115

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	9.3	9.1	13.7



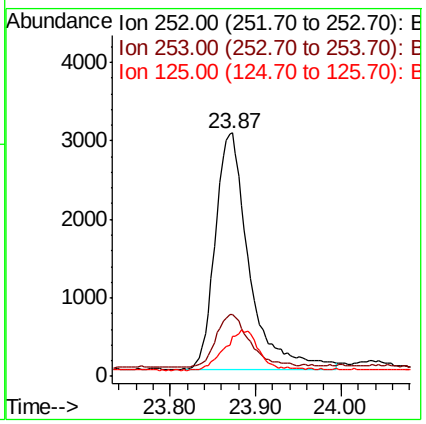


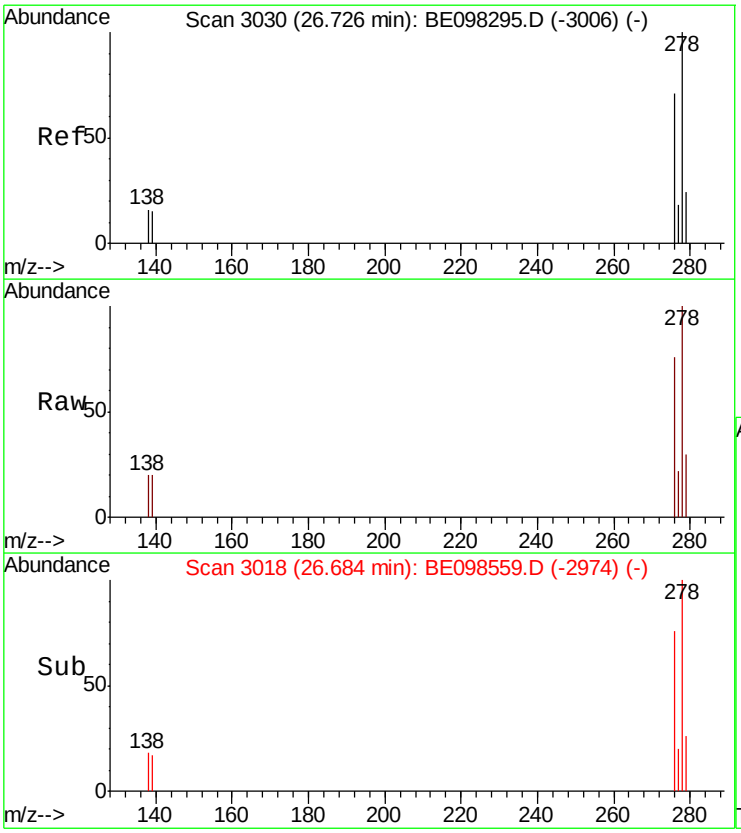
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.87 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8326

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	30.8
125	16.3	10.5	15.7#

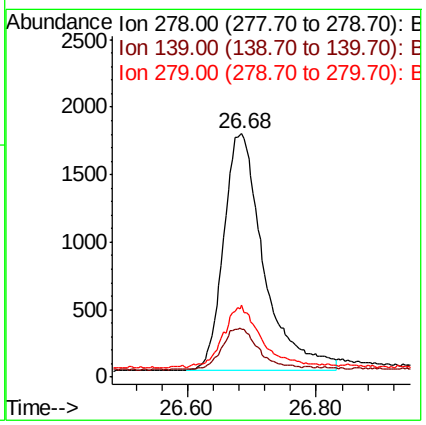


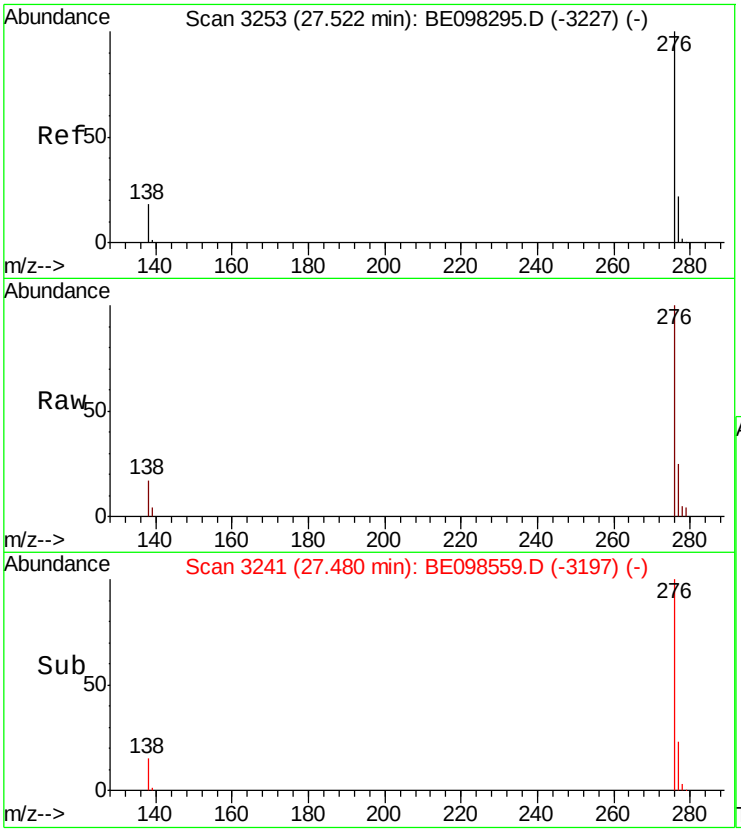


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.04 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Tgt Ion:278 Resp: 7618

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.5	21.7
279	29.7	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 27.48 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BE098559.D
Acq: 26 Dec 2018 10:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7952

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.8	31.2
138	17.3	15.8	23.6