Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098608.D
Acq On : 2 Jan 2019 15:16
Operator : SJ/JU
Sample : PB116077BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 02 17:35:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1081	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4459	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	2527	0.40	ng		0.02
19) Phenanthrene-d10	17.22	188	5466	0.40	ng		0.00
27) Chrysene-d12	21.41	240	5832	0.40	ng		0.00
34) Perylene-d12	23.93	264	6875	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	826	0.33	ng		0.01
5) Phenol-d6	7.00	99	1065	0.30	ng		0.01
8) Nitrobenzene-d5	8.96	82	1047	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1986	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	215	0.23	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	2529	0.24	ng		0.02
25) Fluoranthene-d10	19.26	212	16273	0.23	ng		0.01
29) Terphenyl-d14	19.85	244	3085	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	667	0.357	ng	#	73
3) n-Nitrosodimethylamine	3.65	42	487	0.289	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	697	0.205	ng		96
9) Naphthalene	10.65	128	10822	0.241	ng		100
10) Hexachlorobutadiene	10.94	225	712	0.249	ng		95
12) 2-Methylnaphthalene	12.28	142	1736	0.238	ng		95
16) Acenaphthylene	14.20	152	2762	0.233	ng		99
17) Acenaphthene	14.54	154	1582	0.222	ng		97
18) Fluorene	15.52	166	2043	0.215	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	664	0.226	ng		92
21) Hexachlorobenzene	16.53	284	750	0.237	ng	#	93
22) Pentachlorophenol	16.90	266	107	0.229	ng		93
23) Phenanthrene	17.27	178	3131	0.236	ng		99
24) Anthracene	17.36	178	2850	0.241	ng		100
26) Fluoranthene	19.29	202	3896	0.222	ng		95
28) Pyrene	19.65	202	3926	0.215	ng		98
30) Benzo(a)anthracene	21.40	228	4157	0.250	ng	#	87
31) Chrysene	21.45	228	4063	0.234	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.32	149	10033	0.297	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.57	276	5641	0.326	ng	#	87
35) Benzo(b)fluoranthene	23.15	252	4509	0.240	ng	#	60
36) Benzo(k)fluoranthene	23.21	252	4466	0.204	ng	#	54
37) Benzo(a)pyrene	23.81	252	4649	0.240	ng	#	54
38) Dibenzo(a,h)anthracene	26.60	278	4677	0.256	ng	#	74
39) Benzo(g,h,i)perylene	27.39	276	4772	0.259	ng	#	88

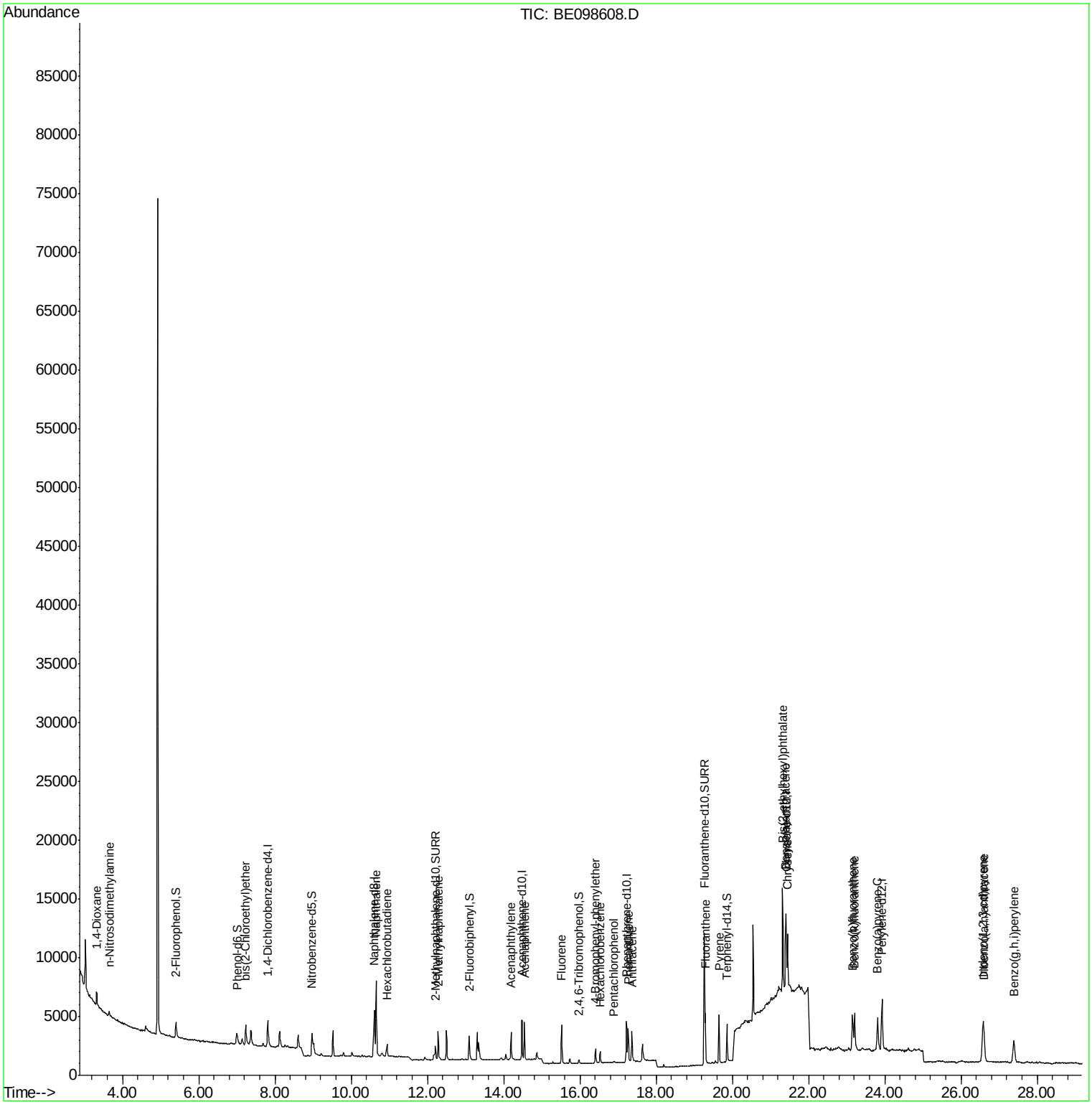
(#) = qualifier out of range (m) = manual integration (+) = signals summed

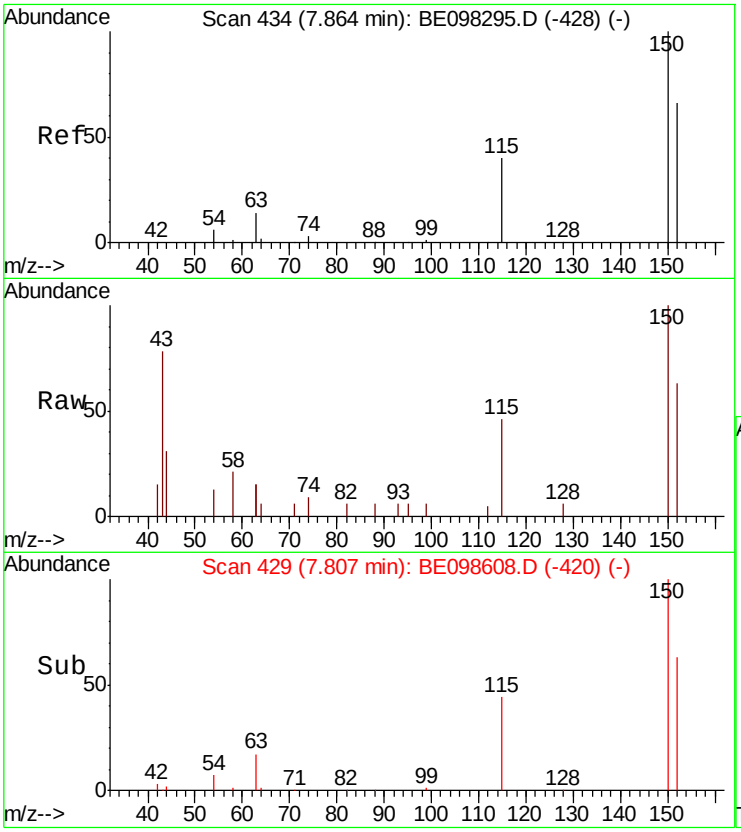
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098608.D
Acq On : 2 Jan 2019 15:16
Operator : SJ/JU
Sample : PB116077BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 02 17:35:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration



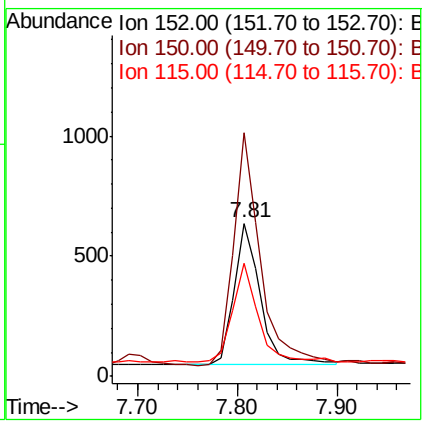


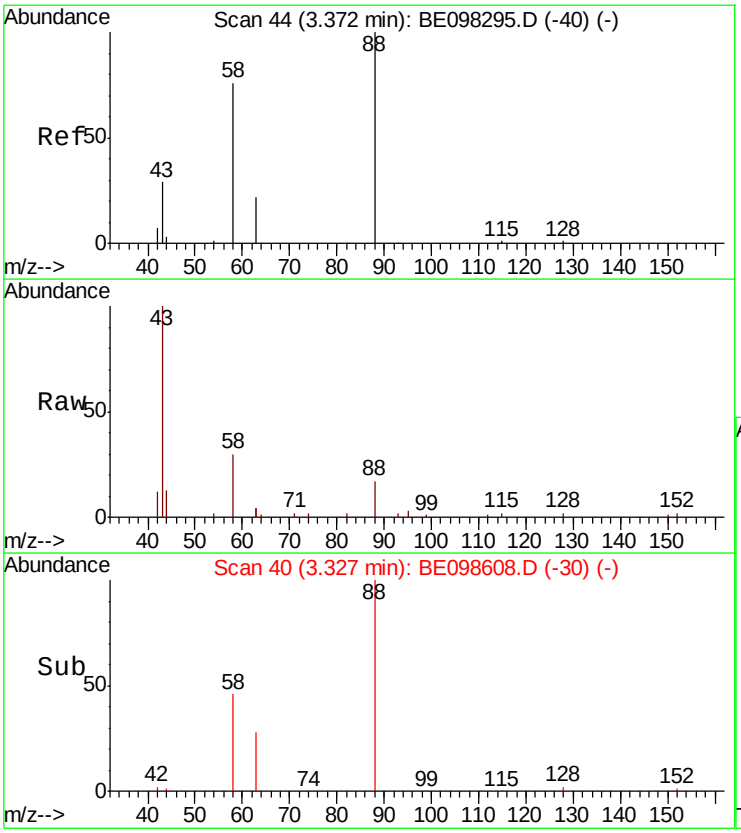
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1081

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.4
115	73.9	53.9	80.9

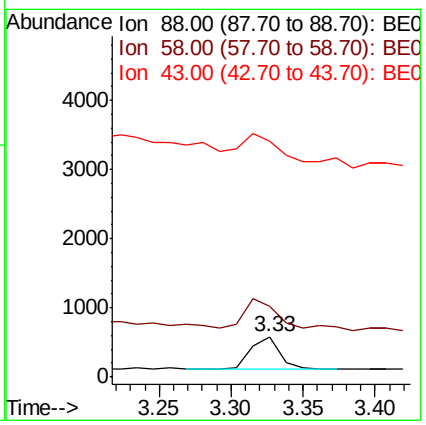


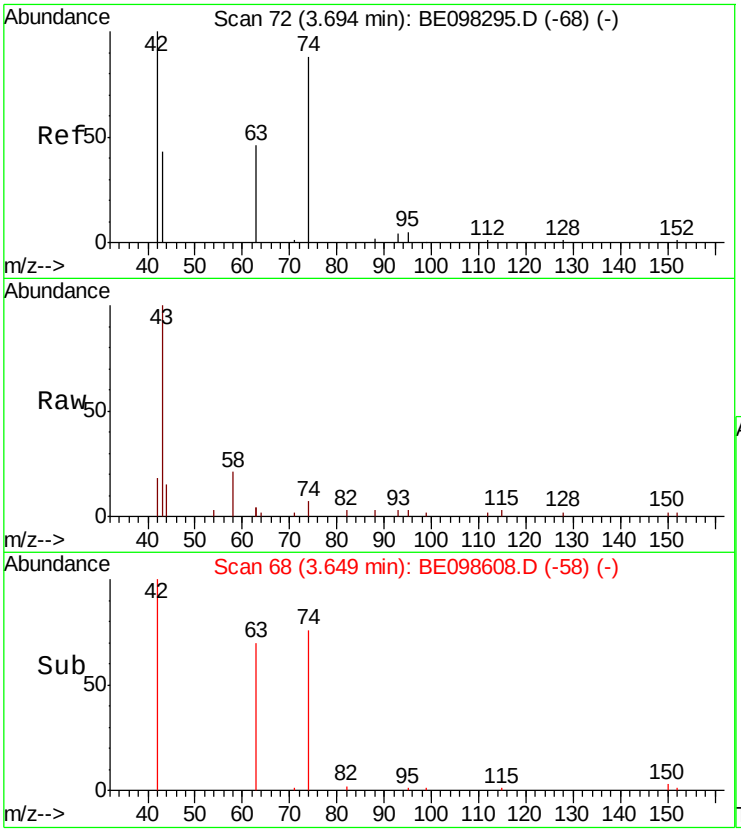


#2
1,4-Dioxane
Concen: 0.357 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 88 Resp: 667

Ion	Ratio	Lower	Upper
88	100		
58	94.5	75.0	112.6
43	100.6	38.3	57.5#



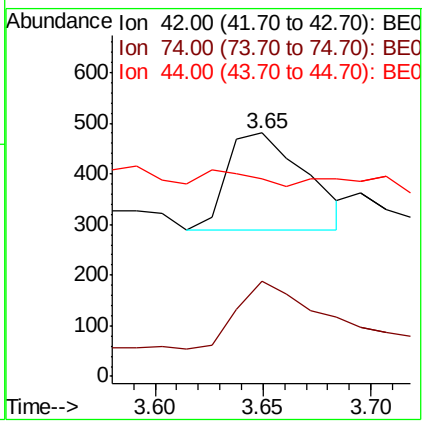


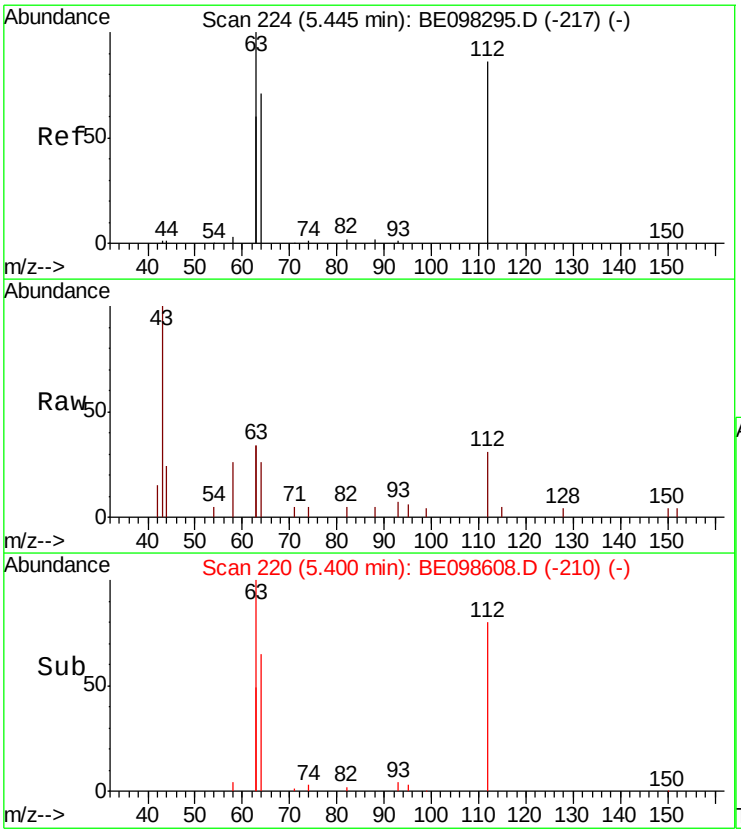
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 487

Ion	Ratio	Lower	Upper
42	100		
74	74.5	0.0	0.0#
44	0.0	0.0	0.0

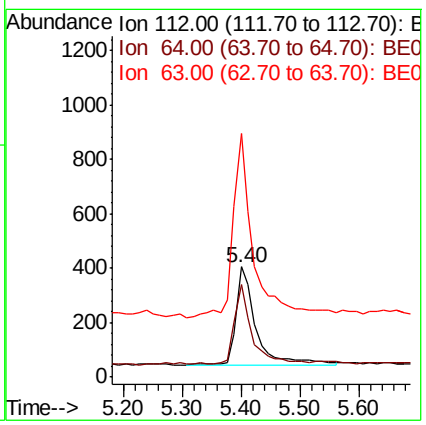


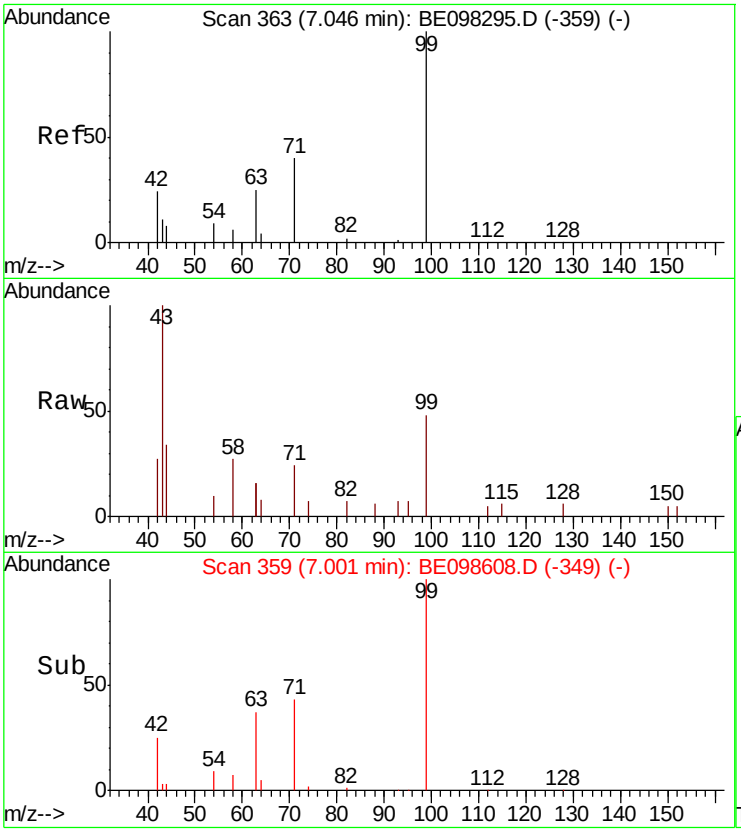


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:112 Resp: 826

Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.8	89.8
63	189.7	133.7	200.5



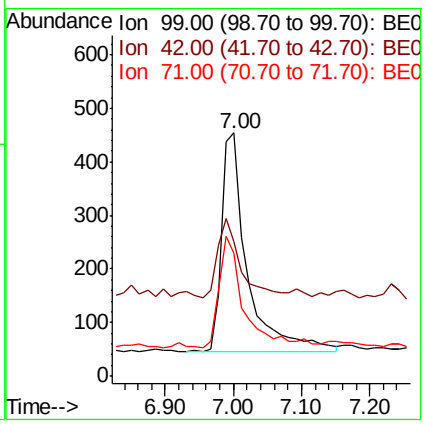


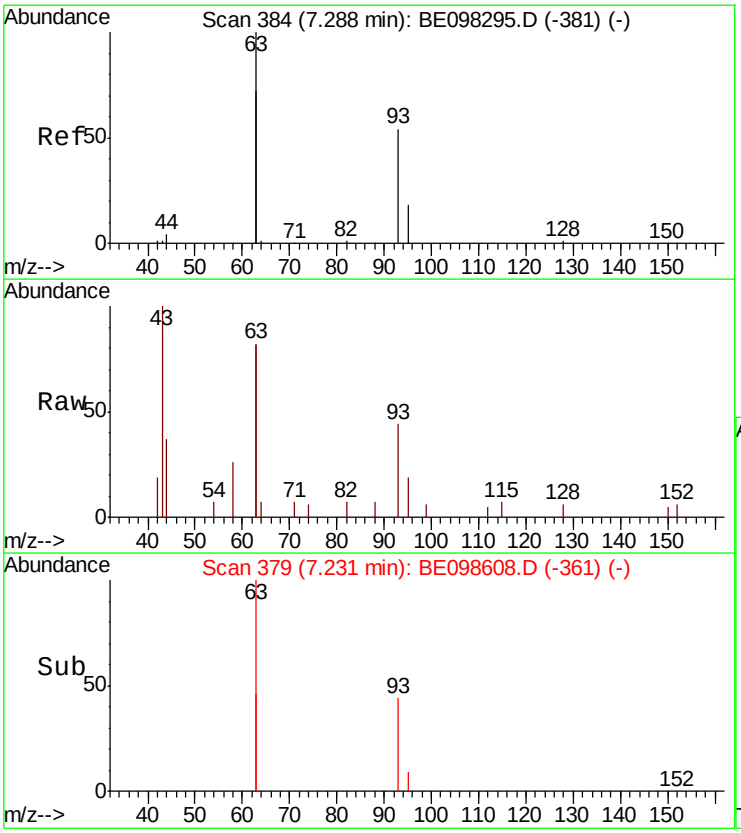
#5
Phenol-d6
Concen: 0.297 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1065

Ion	Ratio	Lower	Upper
99	100		
42	31.8	26.3	39.5
71	50.9	33.6	50.4#

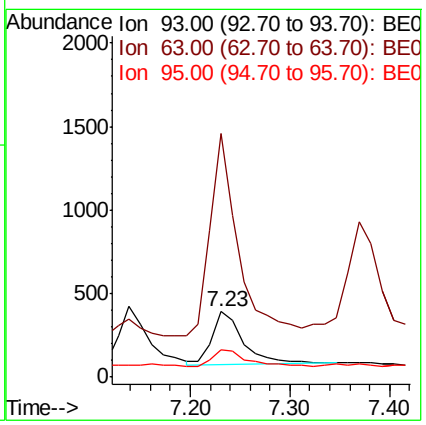


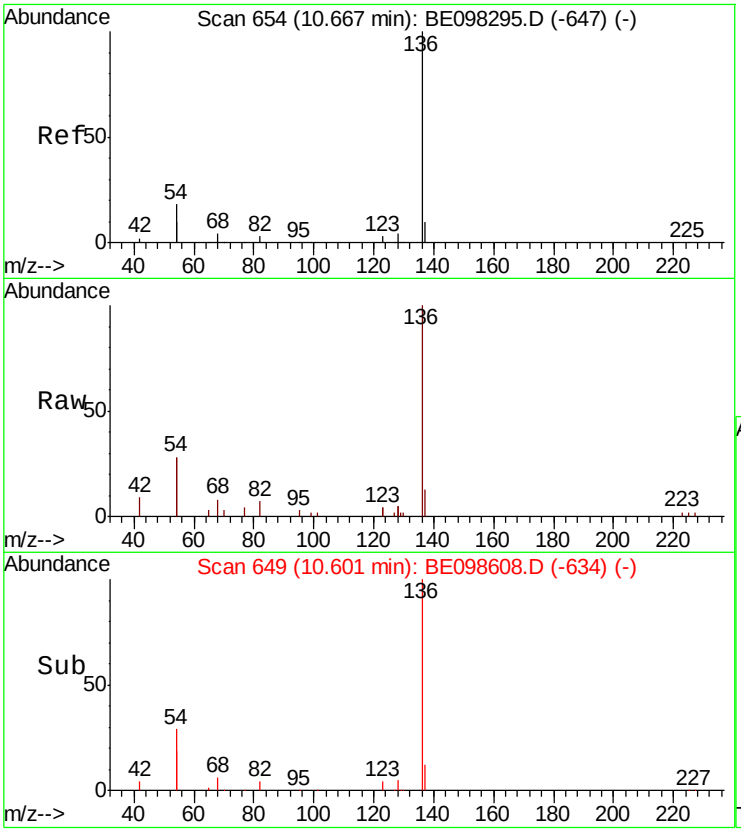


#6
bis(2-Chloroethyl)ether
Concen: 0.205 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 93 Resp: 697

Ion	Ratio	Lower	Upper
93	100		
63	339.6	264.4	396.6
95	34.3	26.6	40.0



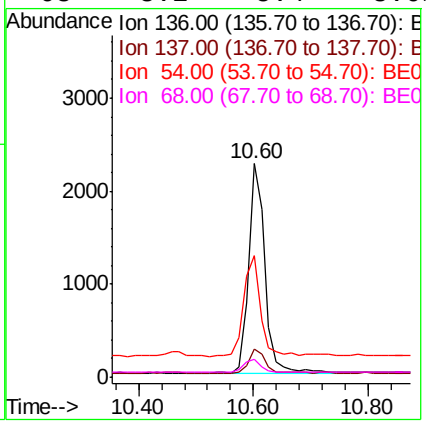


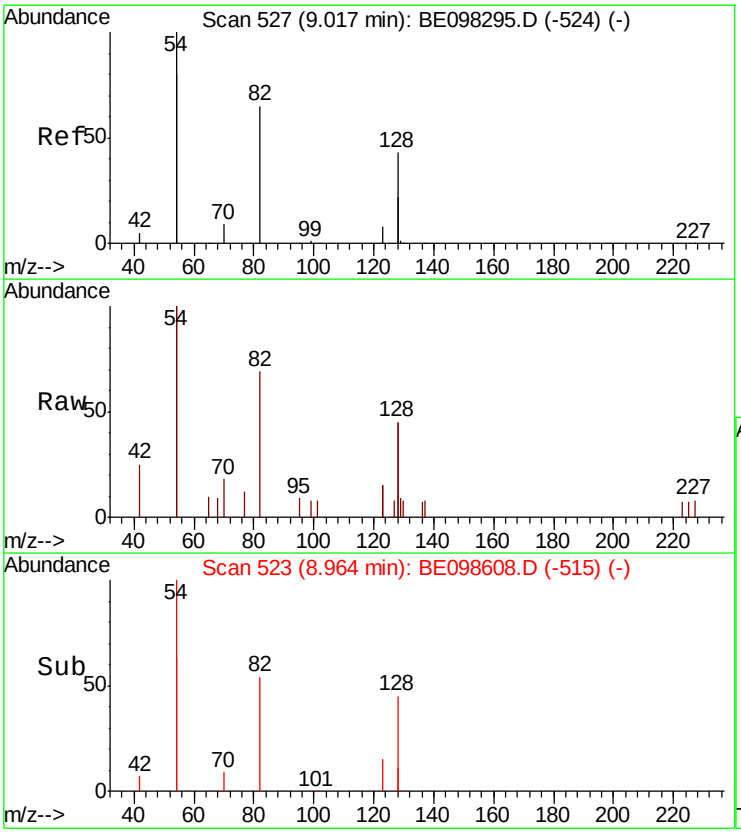
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4459

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	56.9	28.4	42.6#
68	8.2	5.4	8.0#

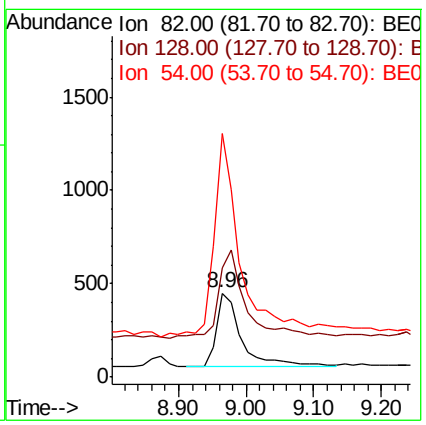


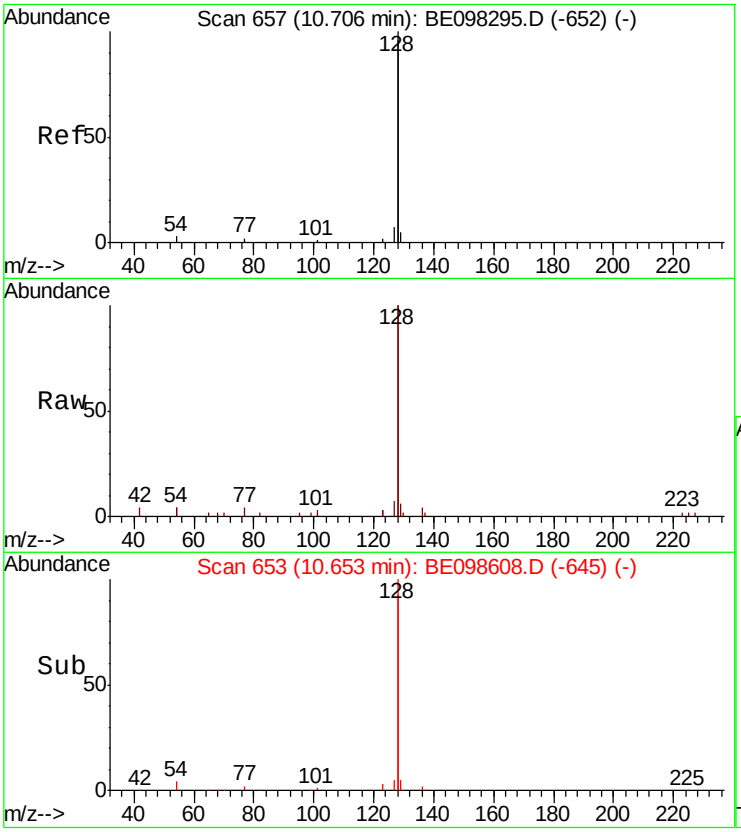


#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 82 Resp: 1047

Ion	Ratio	Lower	Upper
82	100		
128	129.0	102.4	153.6
54	289.1	221.8	332.8



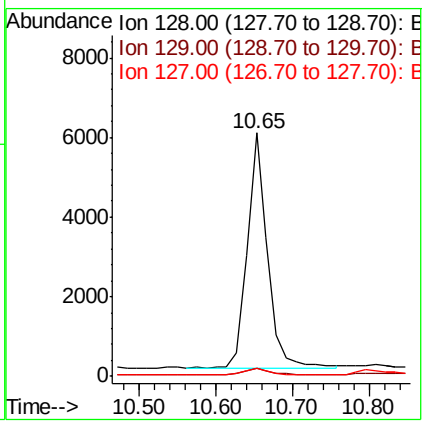


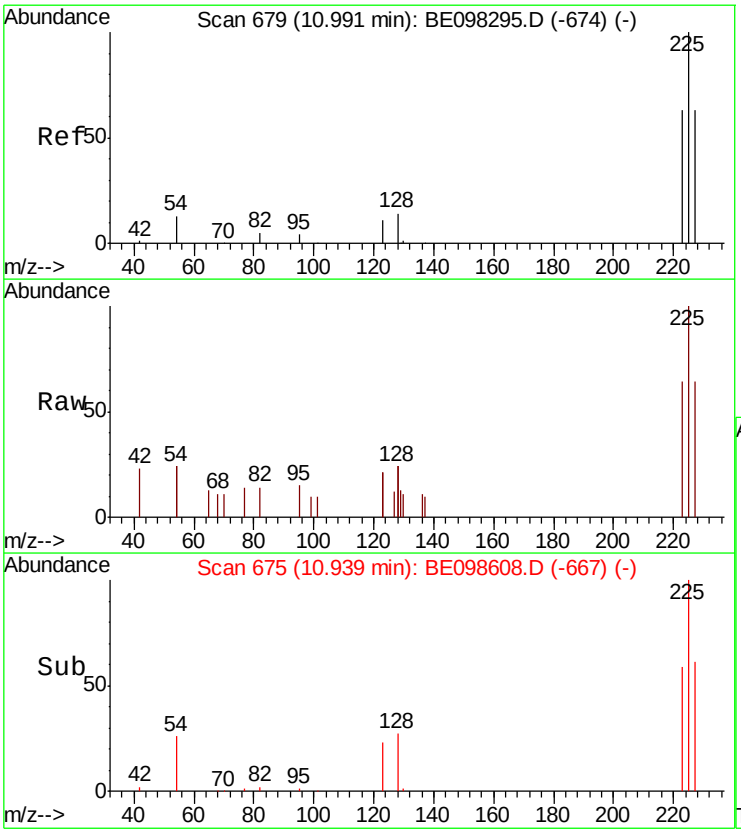
#9
Naphthalene
Concen: 0.241 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 10822

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.5	2.7	4.1

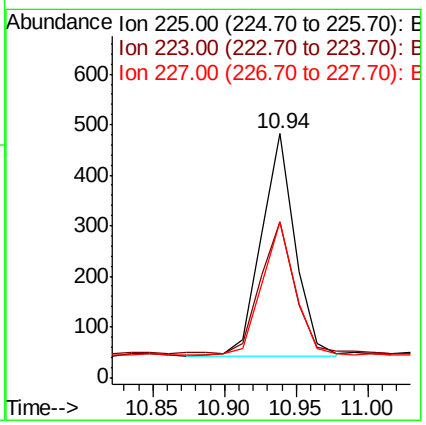


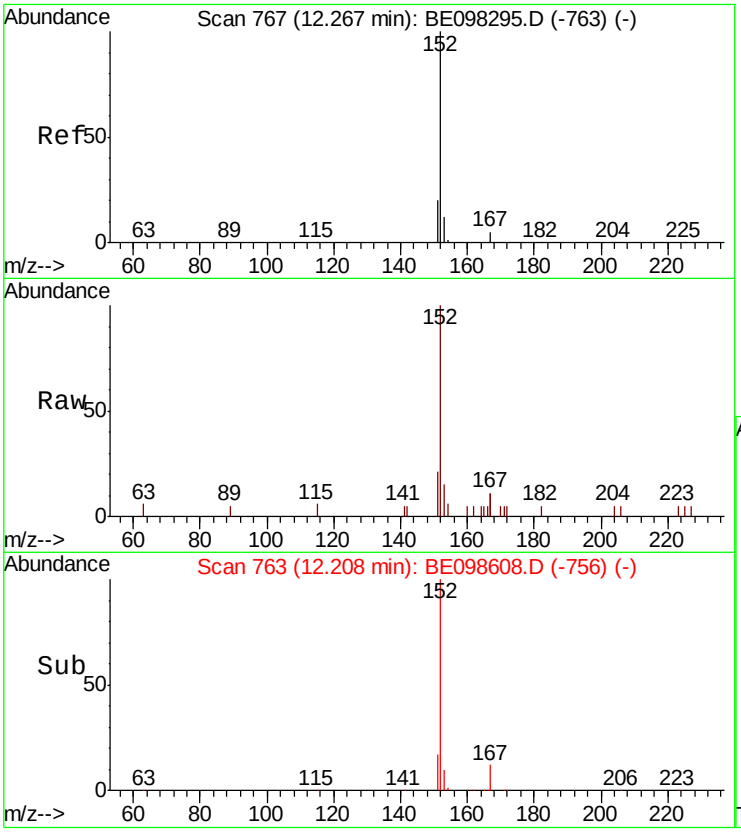


#10
Hexachlorobutadiene
Concen: 0.249 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:225 Resp: 712

Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.4	74.0
227	59.4	52.0	78.0



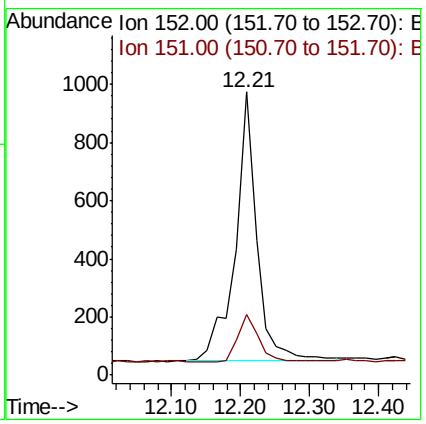


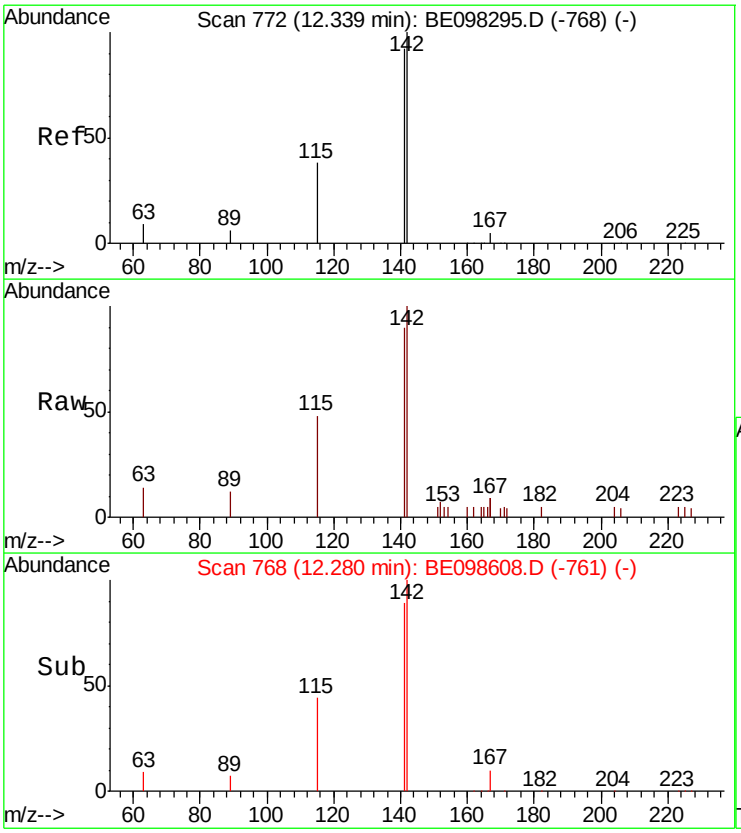
#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1986

Ion	Ratio	Lower	Upper
152	100		
151	17.1	16.2	24.4

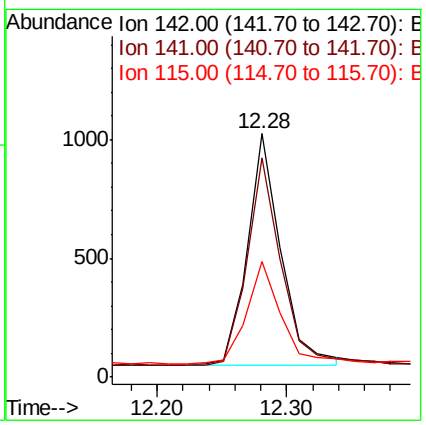


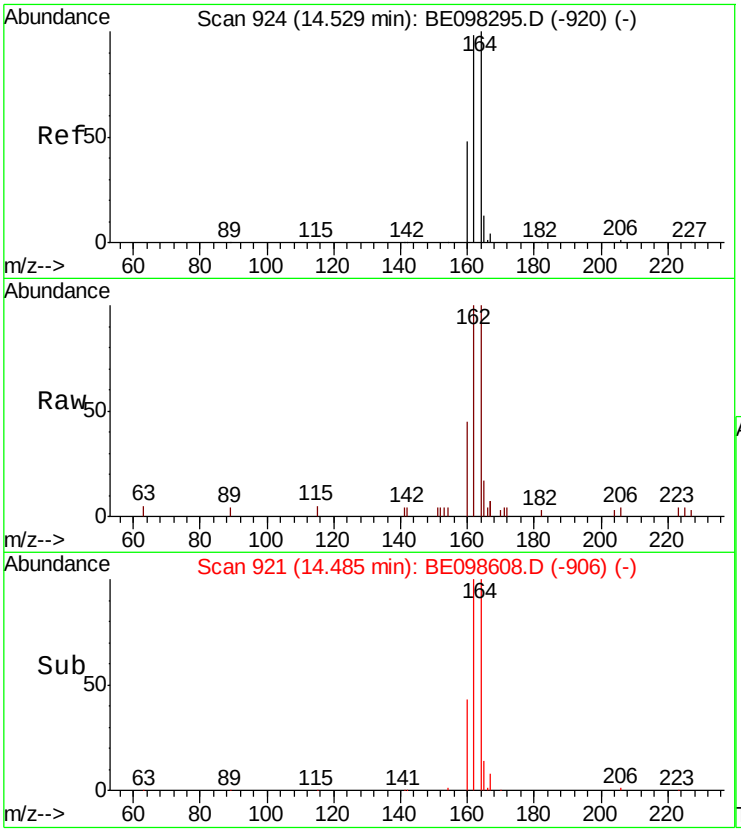


#12
2-Methylnaphthalene
Concen: 0.238 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:142 Resp: 1736

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	47.5	32.2	48.2



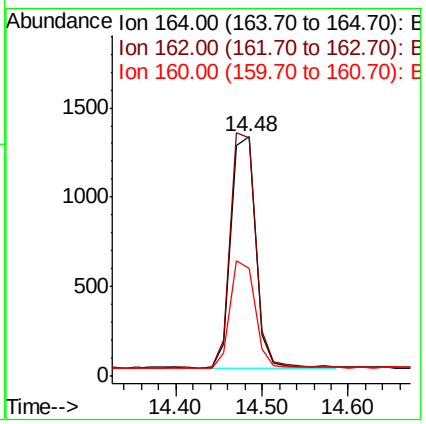


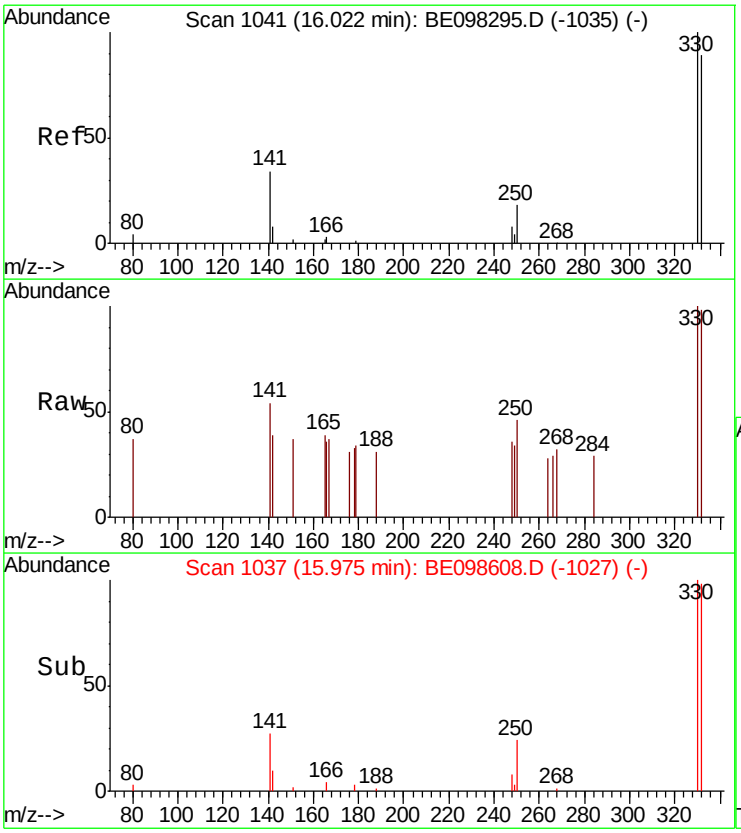
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2527

Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.6	116.4
160	45.3	36.0	54.0

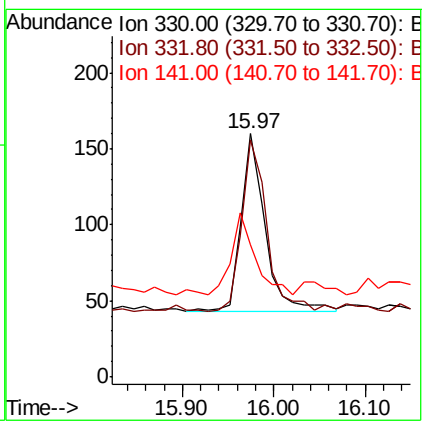


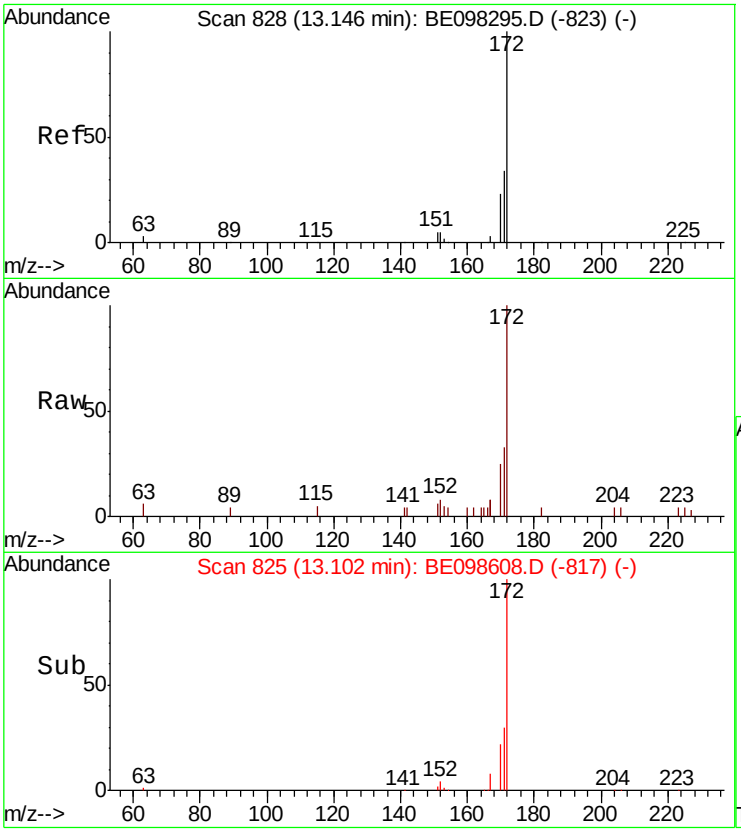


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.97 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	101.9	76.2	114.4
141	45.6	39.0	58.4



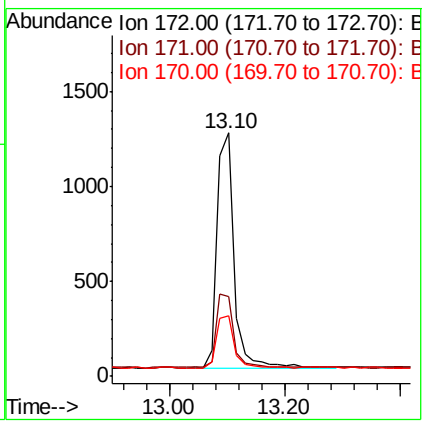


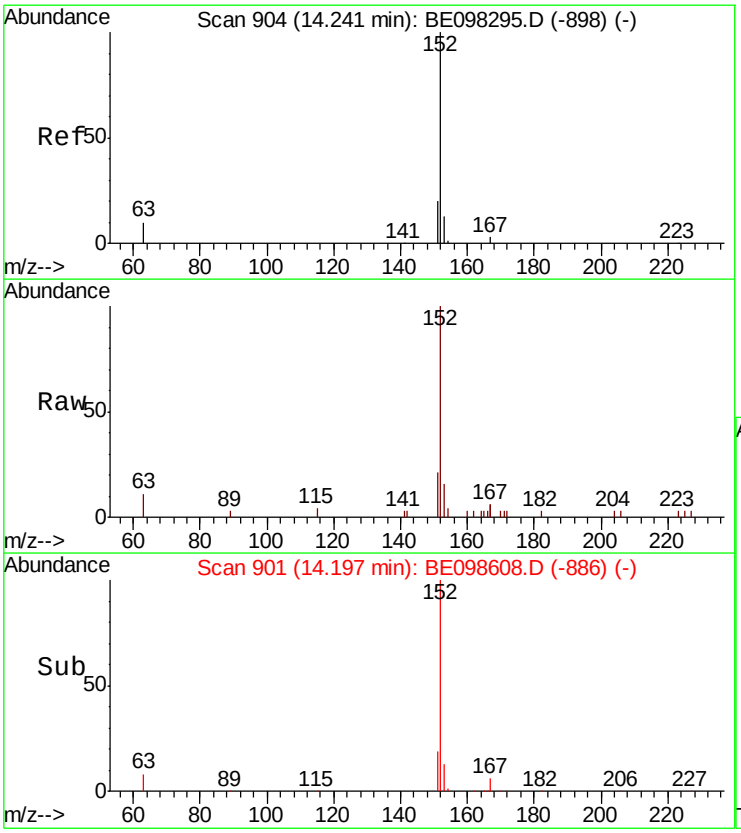
#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2529

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	24.8	19.6	29.4

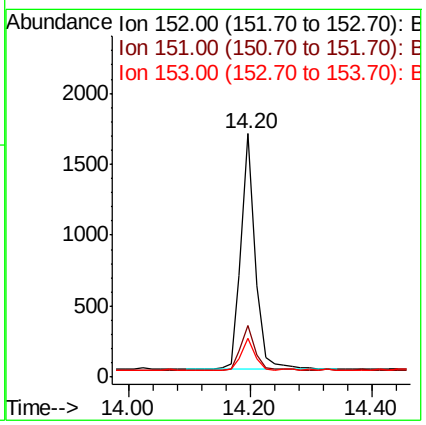


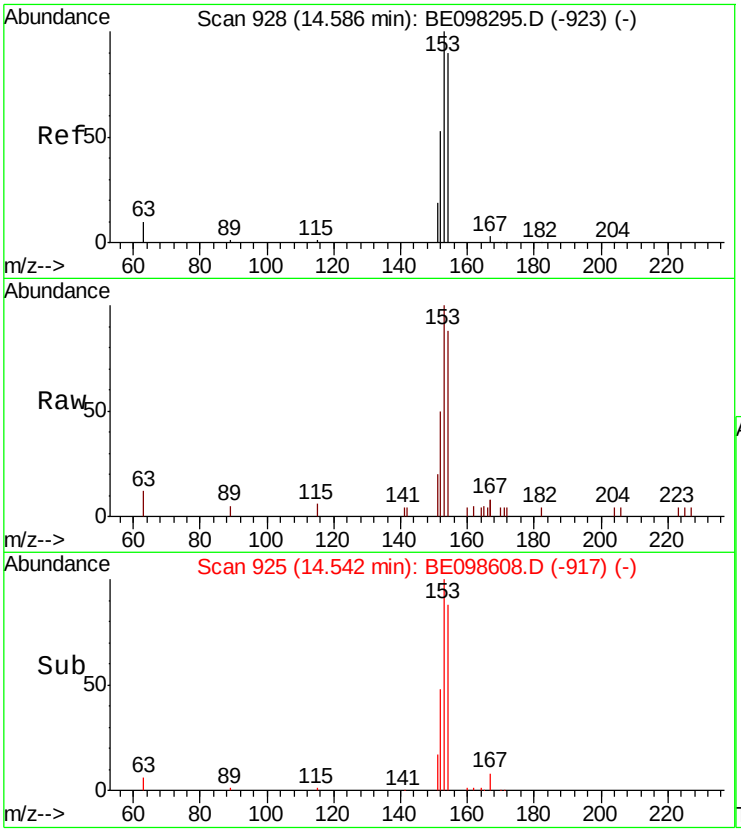


#16
Acenaphthylene
Concen: 0.233 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:152 Resp: 2762

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	14.0	10.6	16.0



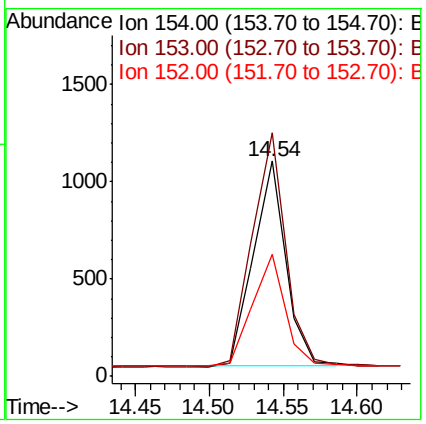


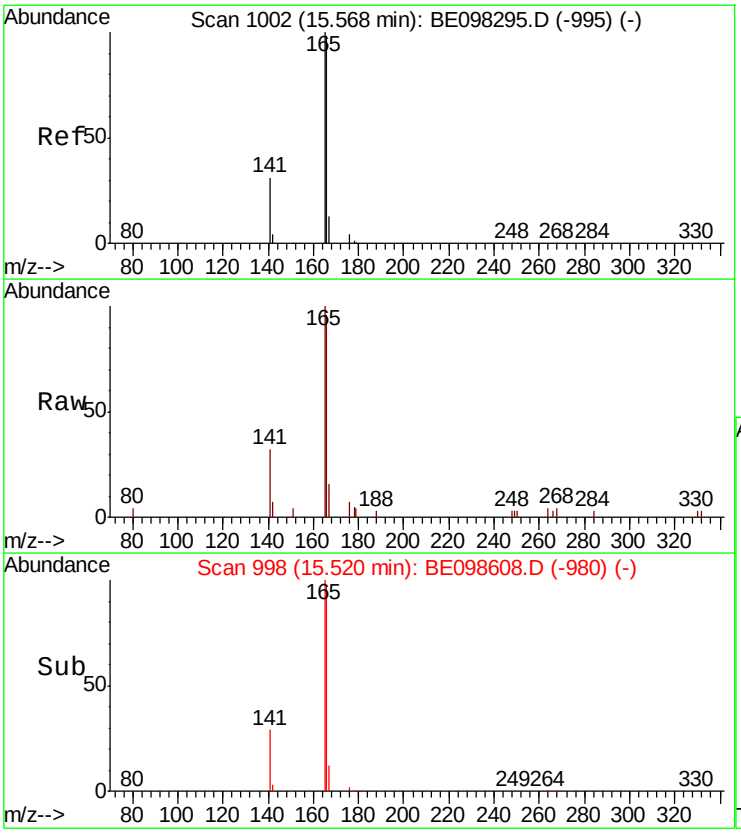
#17
Acenaphthene
Concen: 0.222 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1582

Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.8	137.6
152	55.4	45.5	68.3

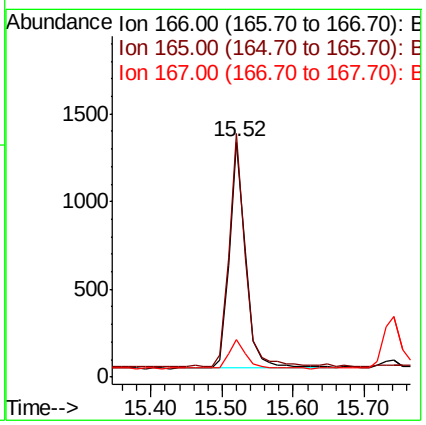


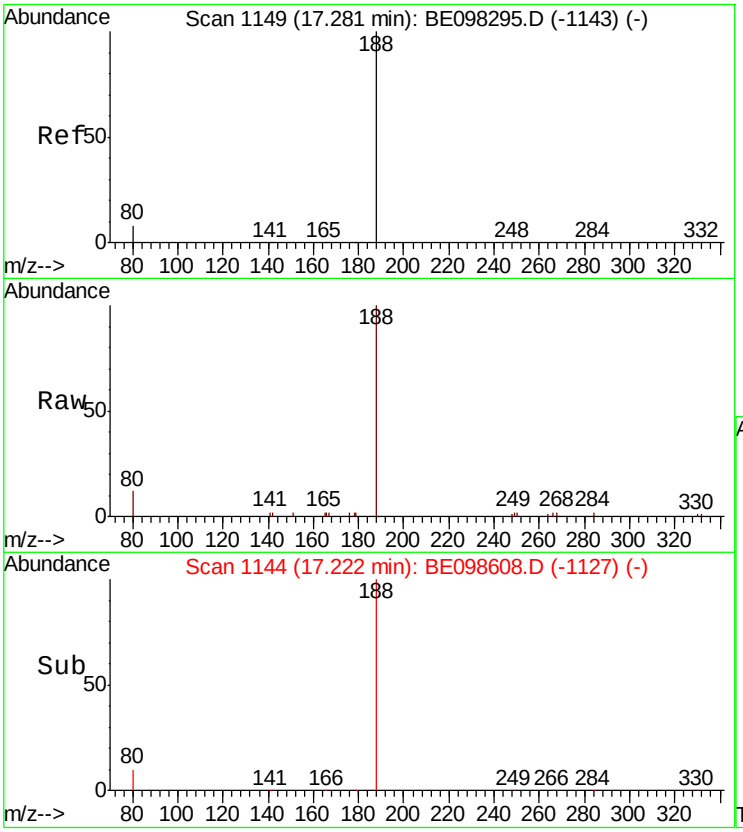


#18
Fluorene
Concen: 0.215 ng
RT: 15.52 min Scan# 998
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:166 Resp: 2043

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.3	118.9
167	13.7	11.3	16.9



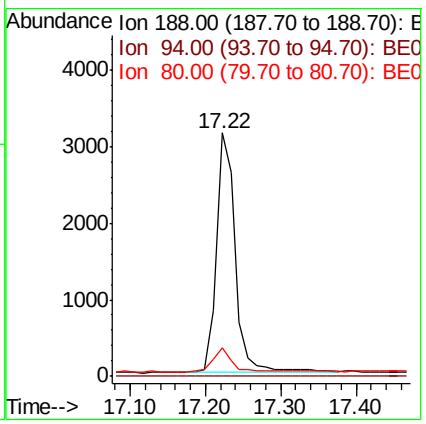


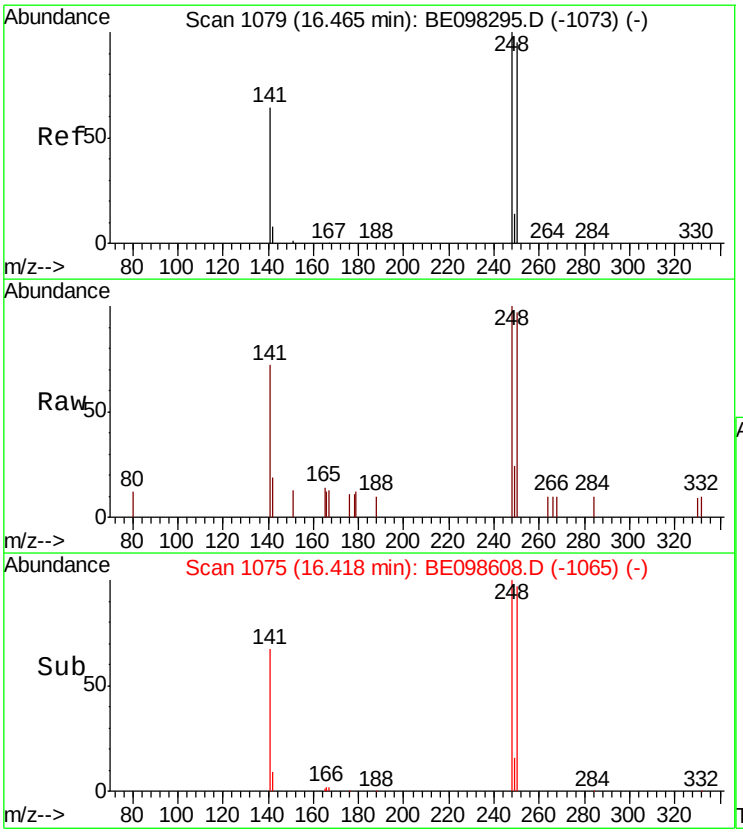
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5466

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	7.2	10.8#

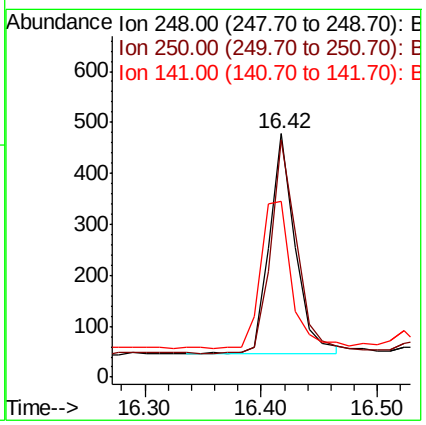


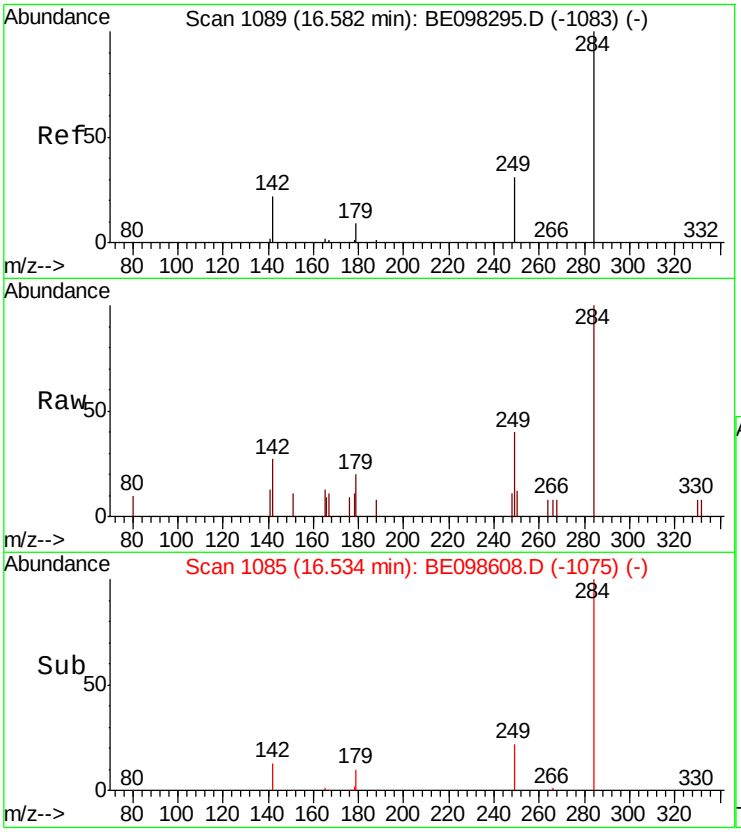


#20
4-Bromophenyl-phenylether
Concen: 0.226 ng
RT: 16.42 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:248 Resp: 664

Ion	Ratio	Lower	Upper
248	100		
250	97.5	71.0	106.6
141	72.2	62.1	93.1



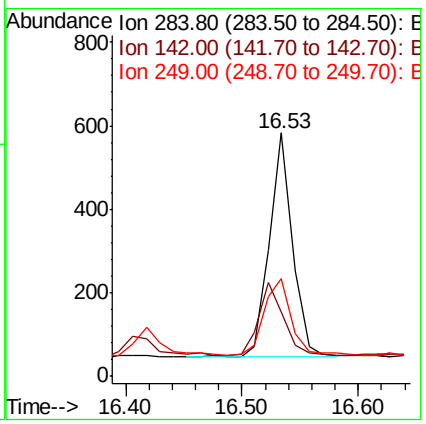


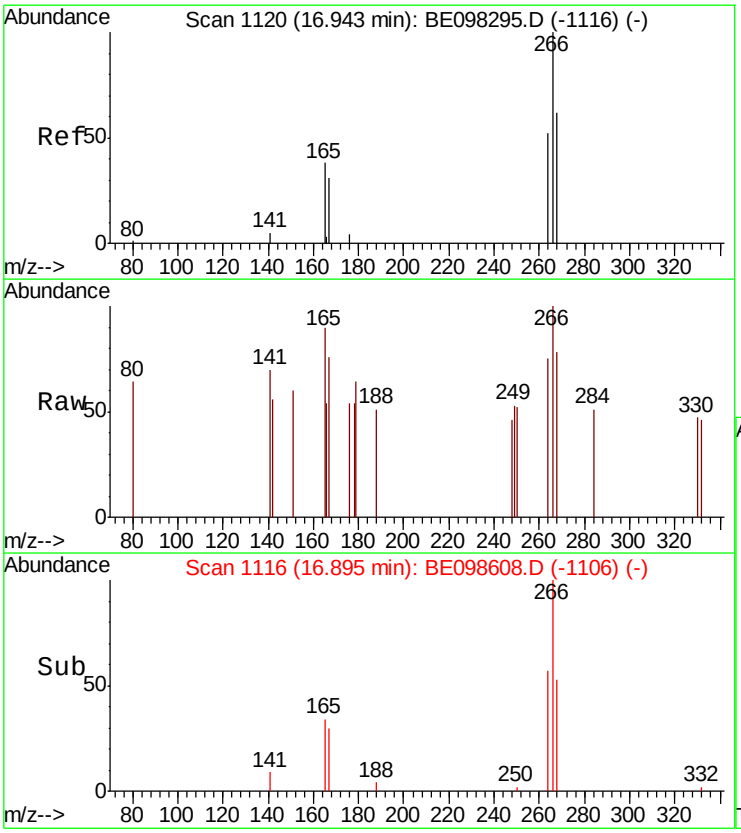
#21
Hexachlorobenzene
Concen: 0.237 ng
RT: 16.53 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 750

Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.3	39.5
249	39.2	26.0	39.0#

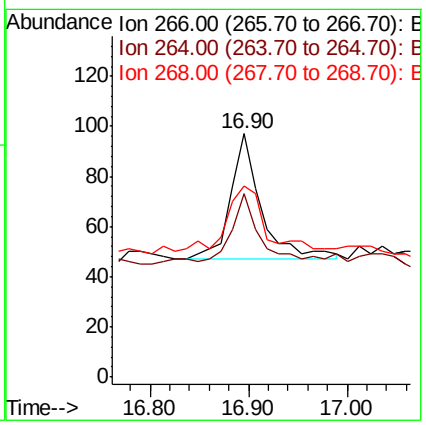


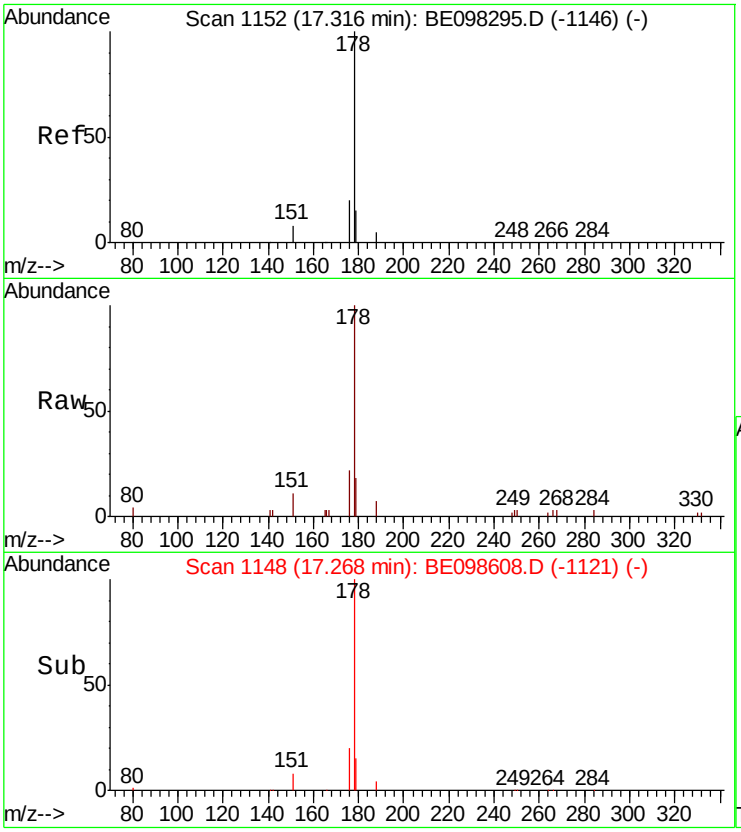


#22
Pentachlorophenol
Concen: 0.229 ng
RT: 16.90 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
264	75.3	59.0	88.4
268	78.4	55.1	82.7



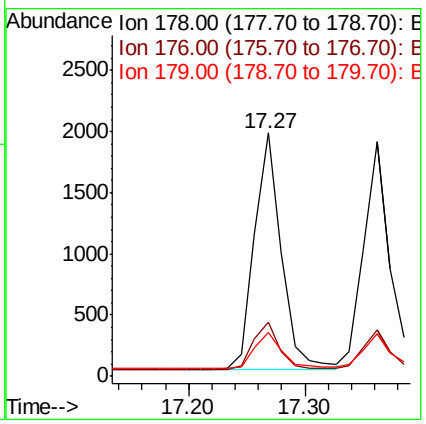


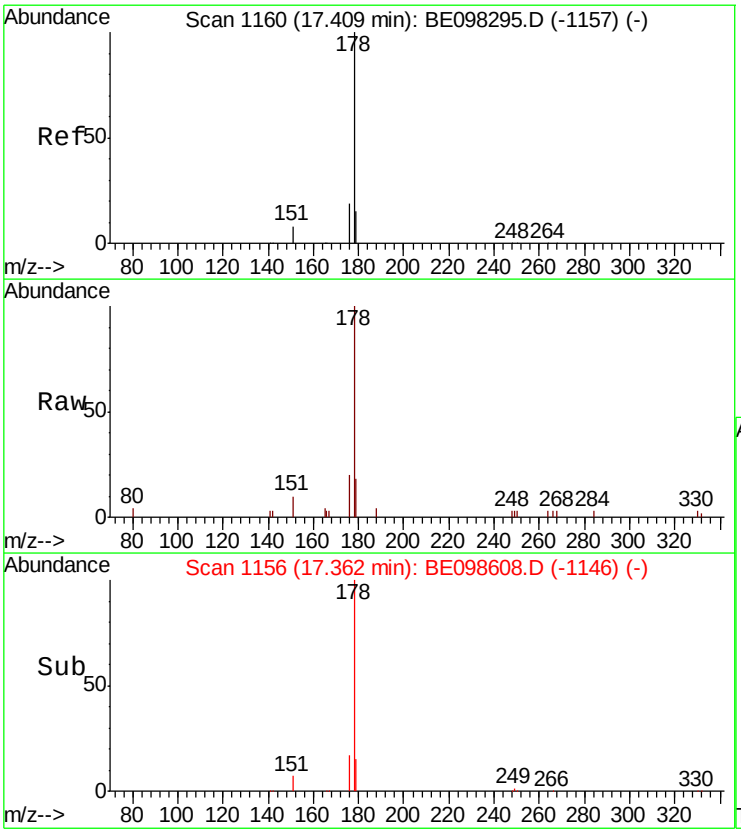
#23
Phenanthrene
Concen: 0.236 ng
RT: 17.27 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3131

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

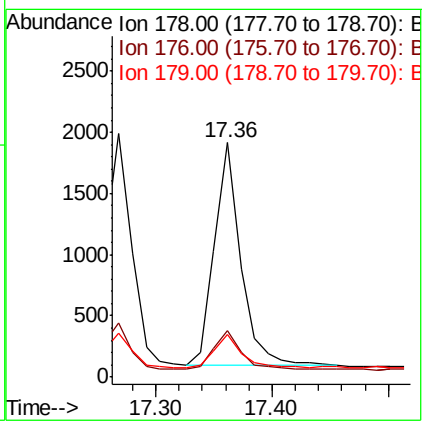


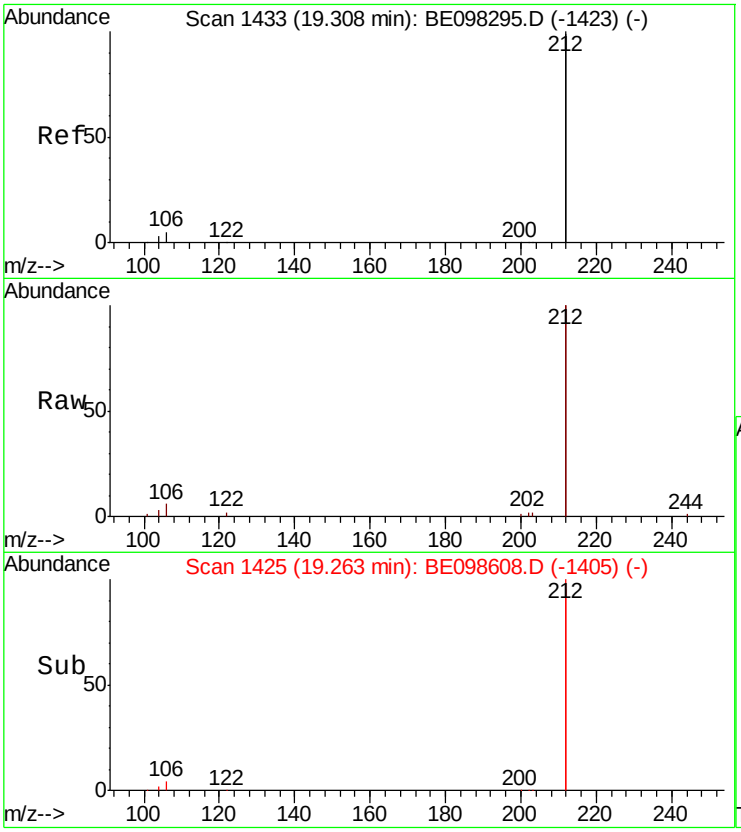


#24
Anthracene
Concen: 0.241 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:178 Resp: 2850

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5



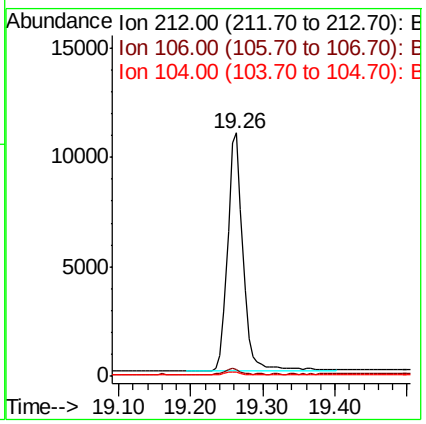


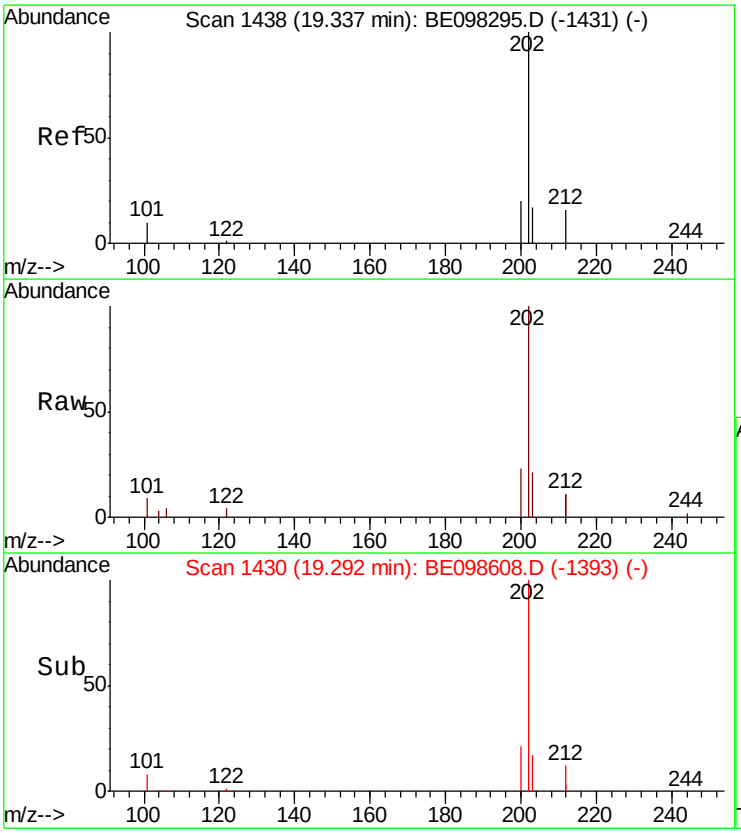
#25
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.26 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 16273

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.3	1.3	1.9

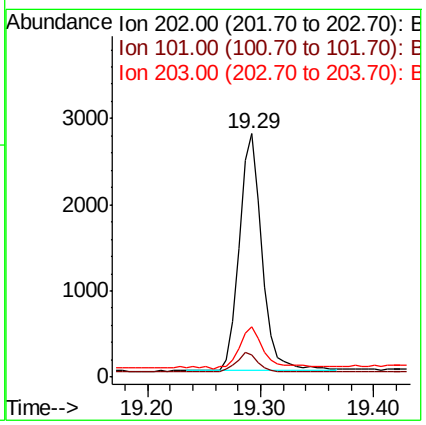


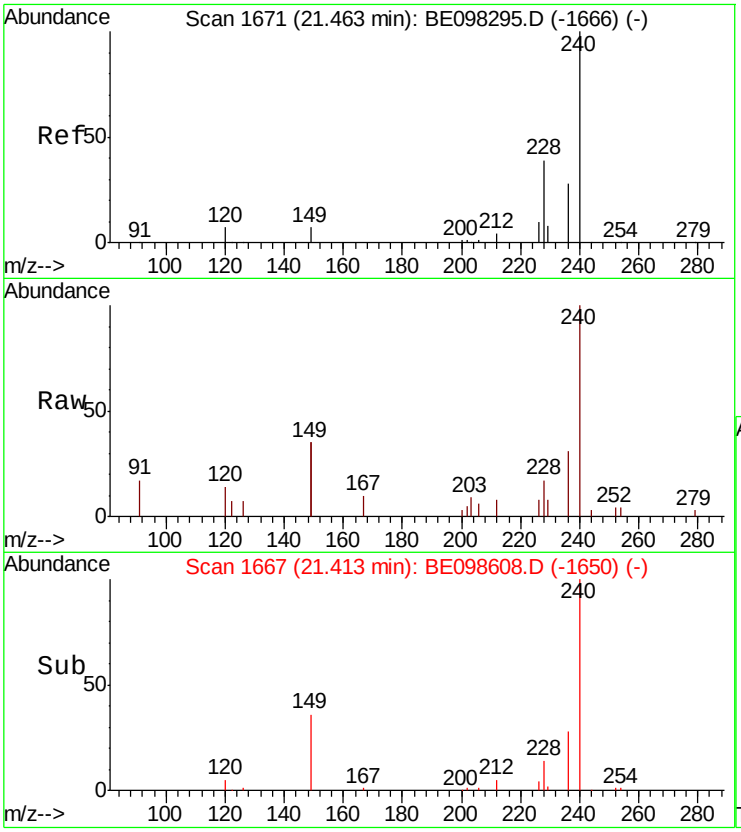


#26
Fluoranthene
Concen: 0.222 ng
RT: 19.29 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:202 Resp: 3896

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.0	12.0
203	19.1	13.8	20.6



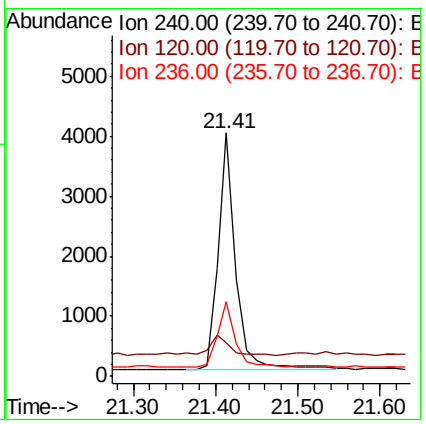


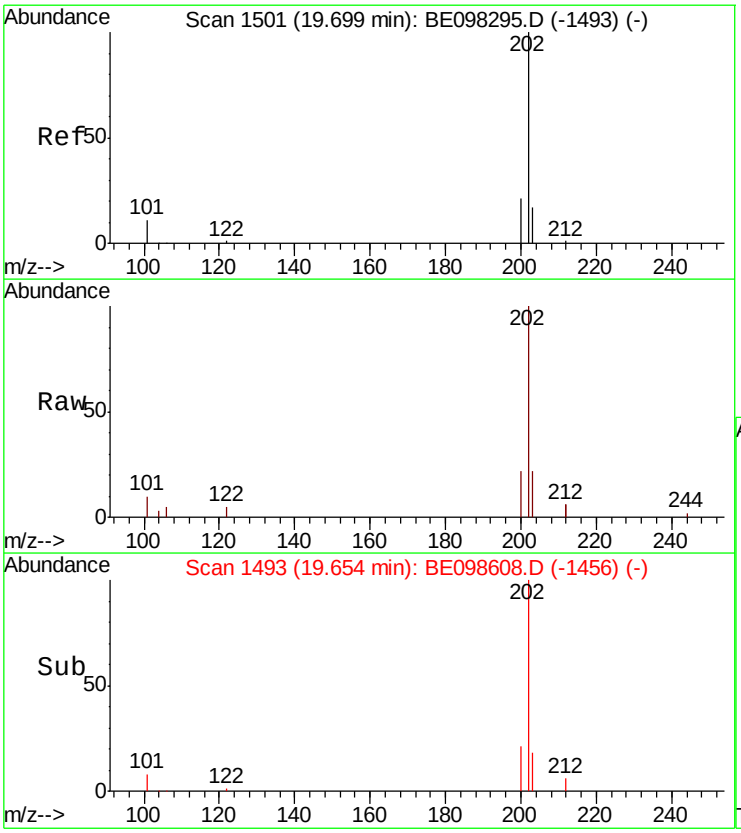
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5832

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	30.7	22.7	34.1

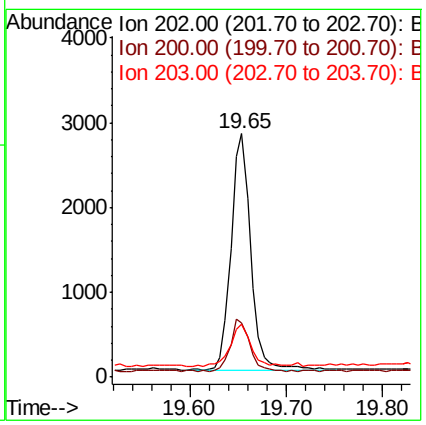


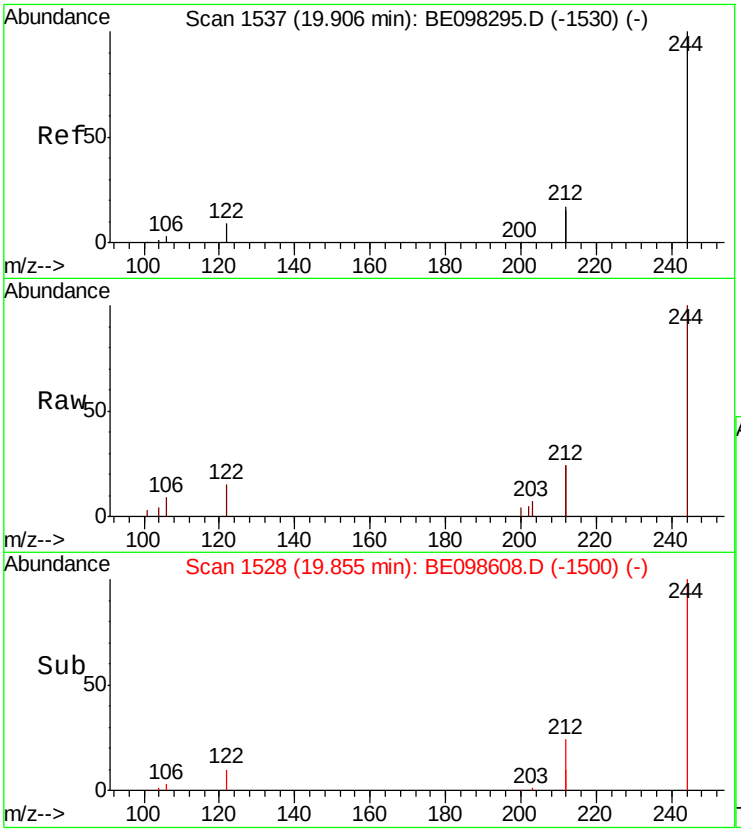


#28
Pyrene
Concen: 0.215 ng
RT: 19.65 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:202 Resp: 3926

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.5	14.1	21.1



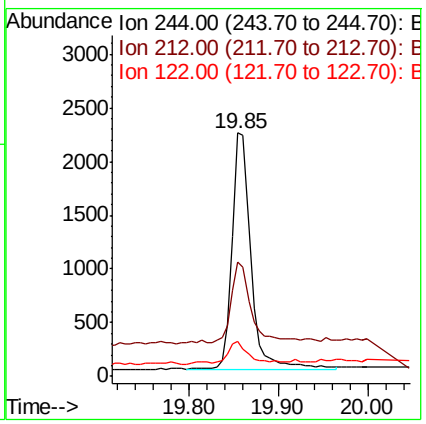


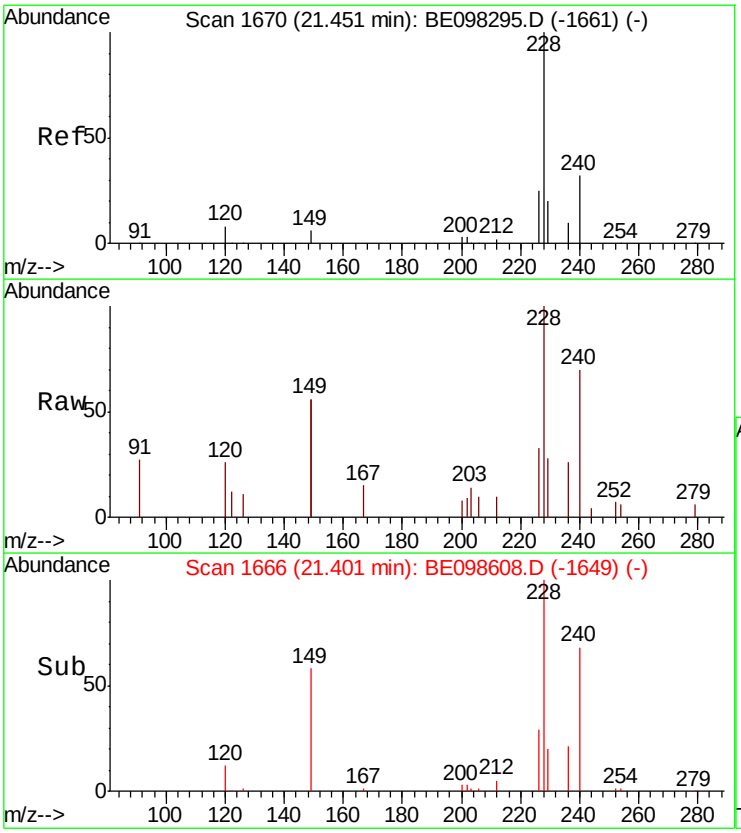
#29
Terphenyl-d14
Concen: 0.218 ng
RT: 19.85 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3085

Ion	Ratio	Lower	Upper
244	100		
212	47.1	27.4	41.0#
122	14.5	8.3	12.5#

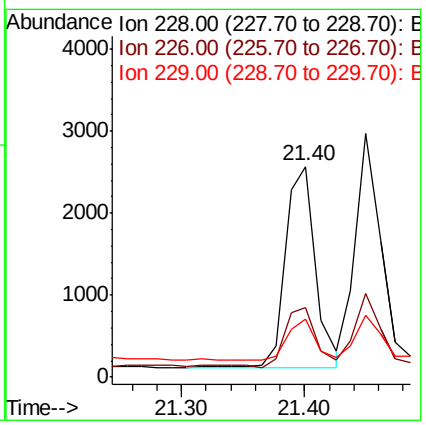


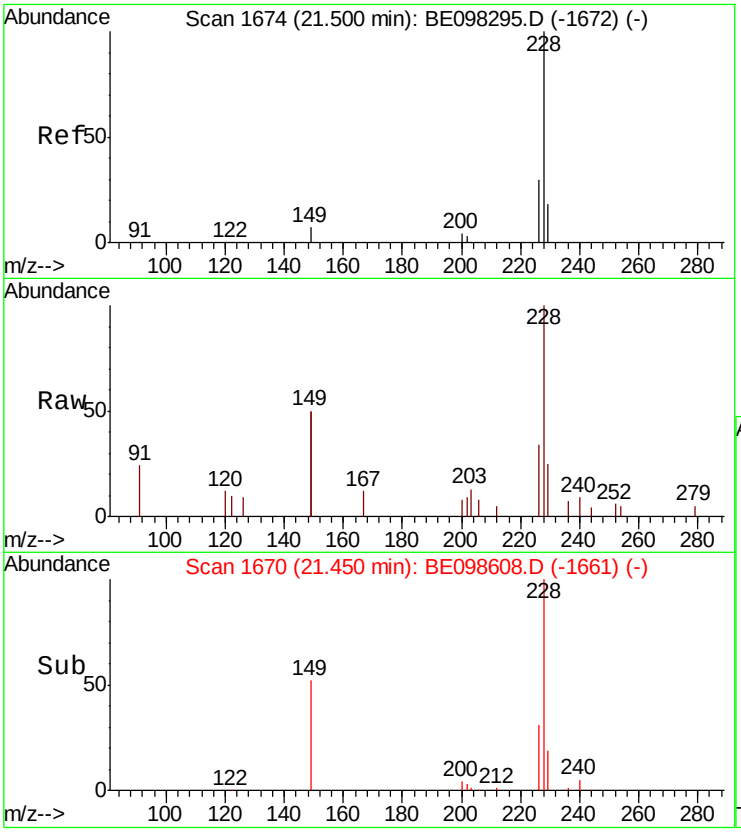


#30
Benzo(a)anthracene
Concen: 0.250 ng
RT: 21.40 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:228 Resp: 4157

Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.8	32.8#
229	27.8	16.3	24.5#



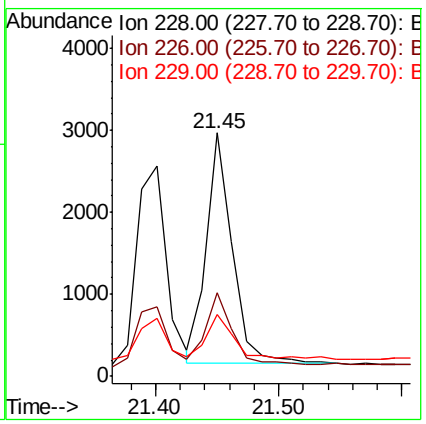


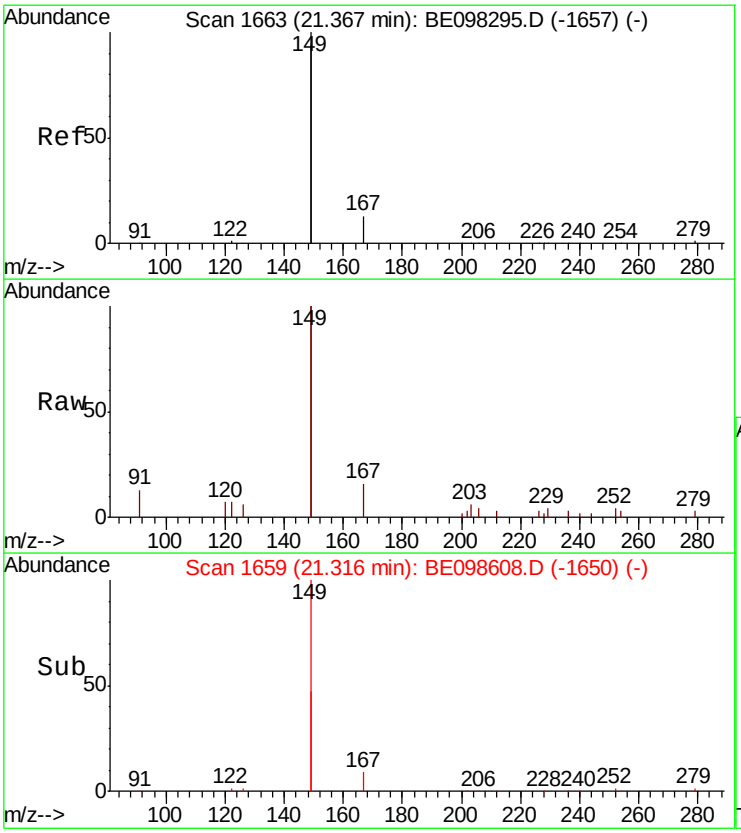
#31
Chrysene
Concen: 0.234 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4063

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	25.4	16.2	24.4#

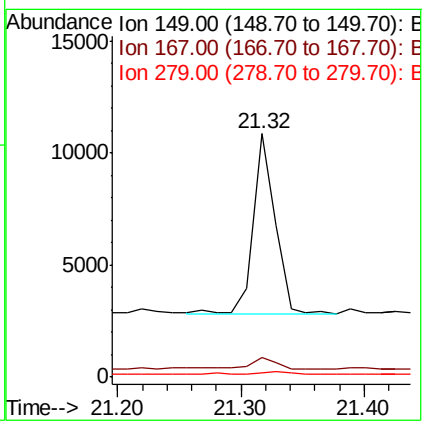


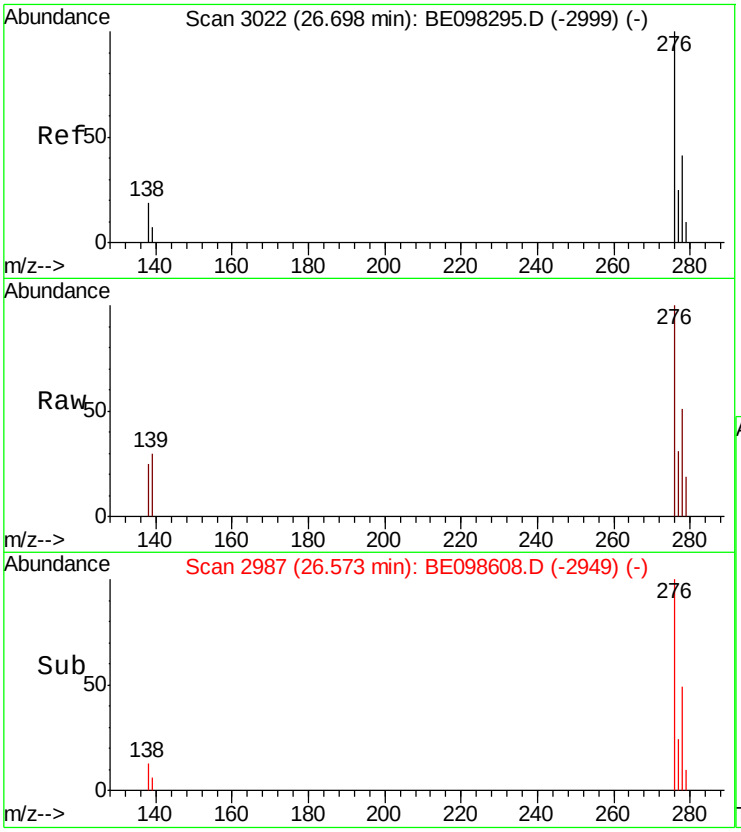


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 21.32 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:149 Resp: 10033

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	1.8	1.0	1.4#



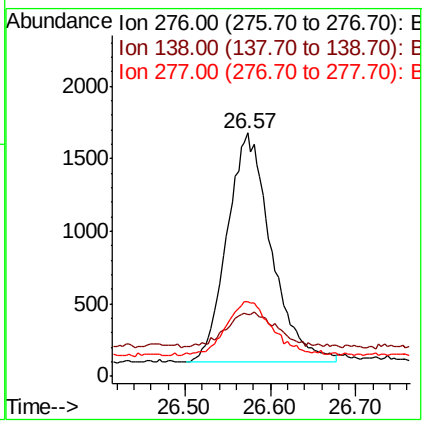


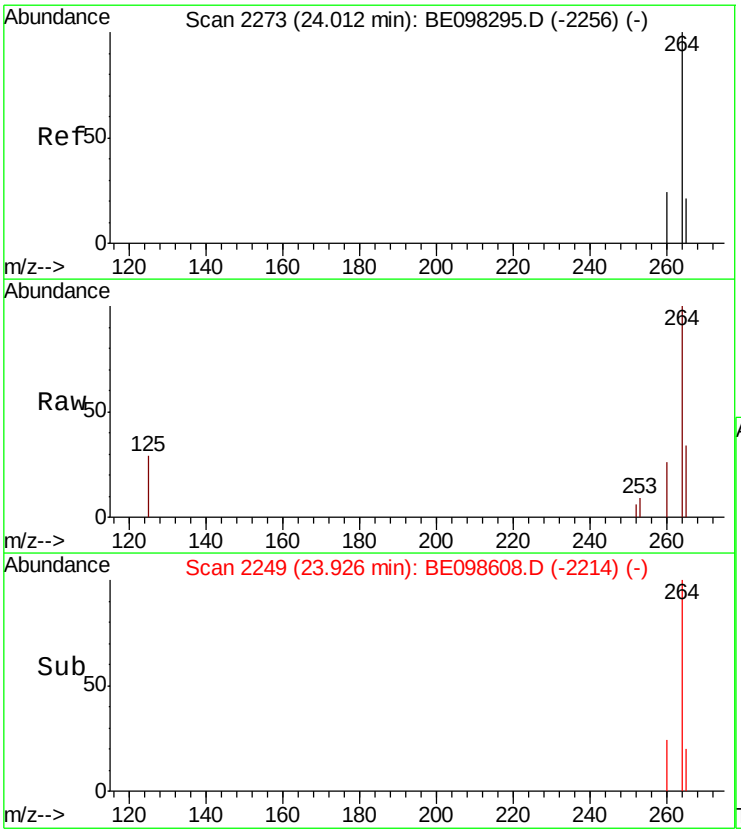
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.57 min Scan# 2987
Delta R.T. -0.06 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5641

Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.3	24.5#
277	23.9	20.2	30.4

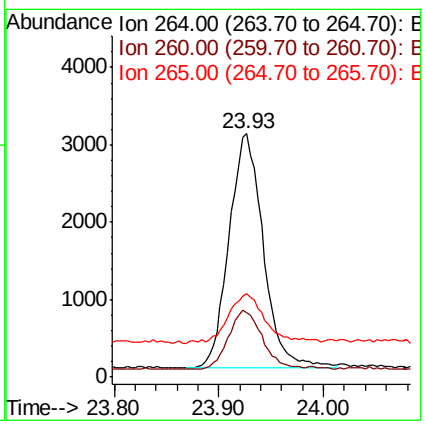


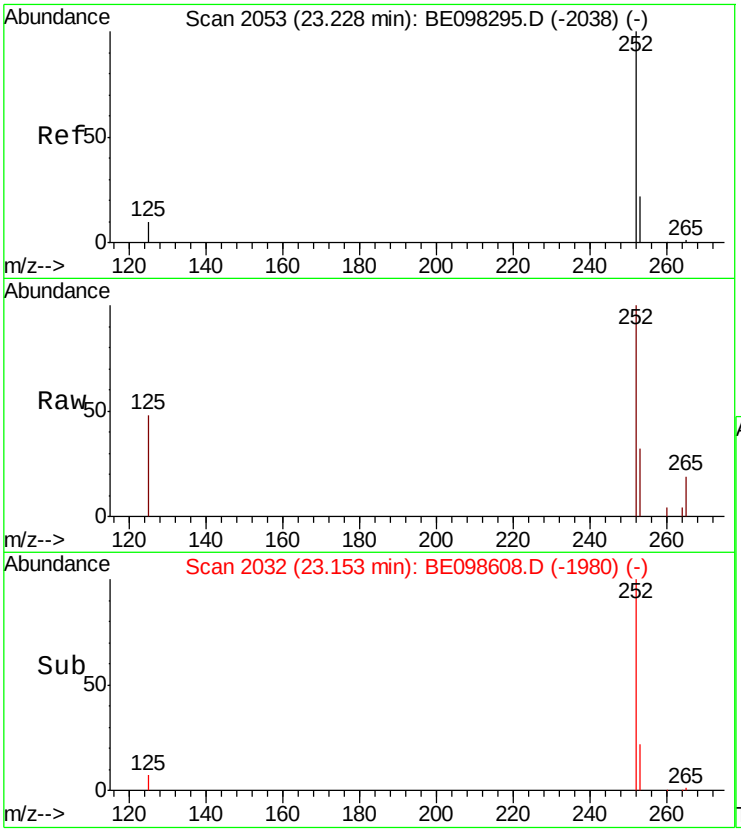


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2249
Delta R.T. -0.03 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:264 Resp: 6875

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	34.3	25.2	37.8



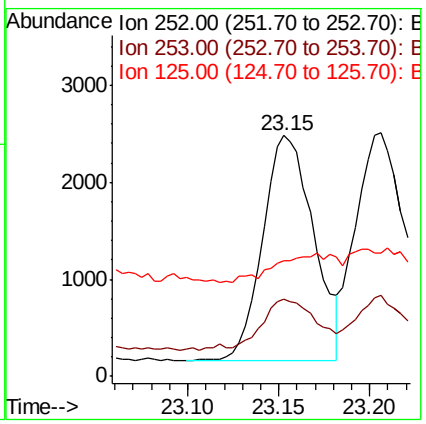


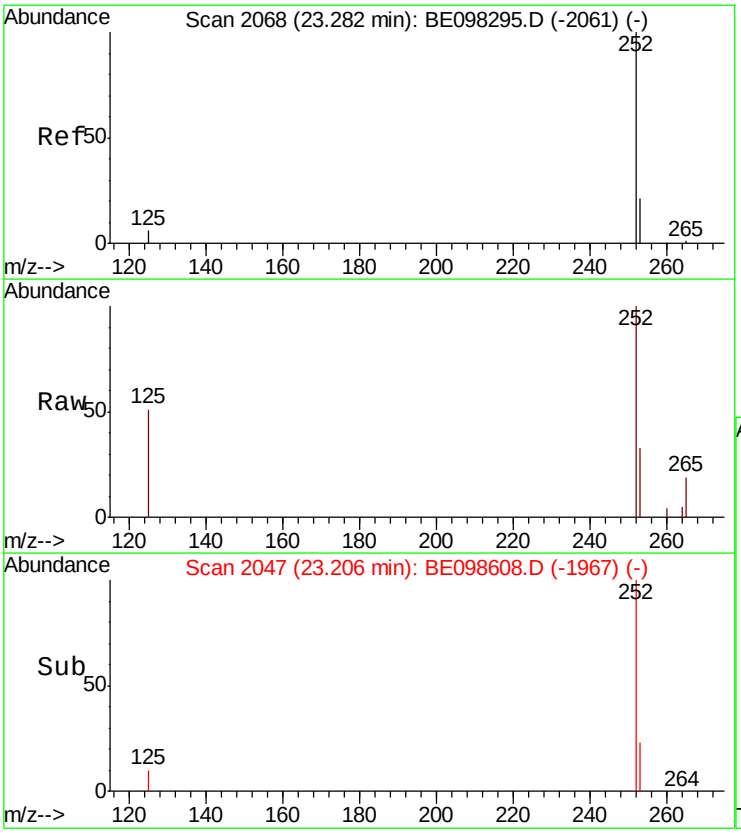
#35
Benzo(b)fluoranthene
Concen: 0.240 ng
RT: 23.15 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4509

Ion	Ratio	Lower	Upper
252	100		
253	32.3	20.0	30.0#
125	48.0	9.6	14.4#

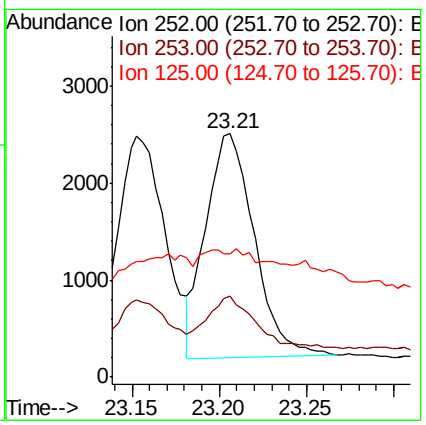


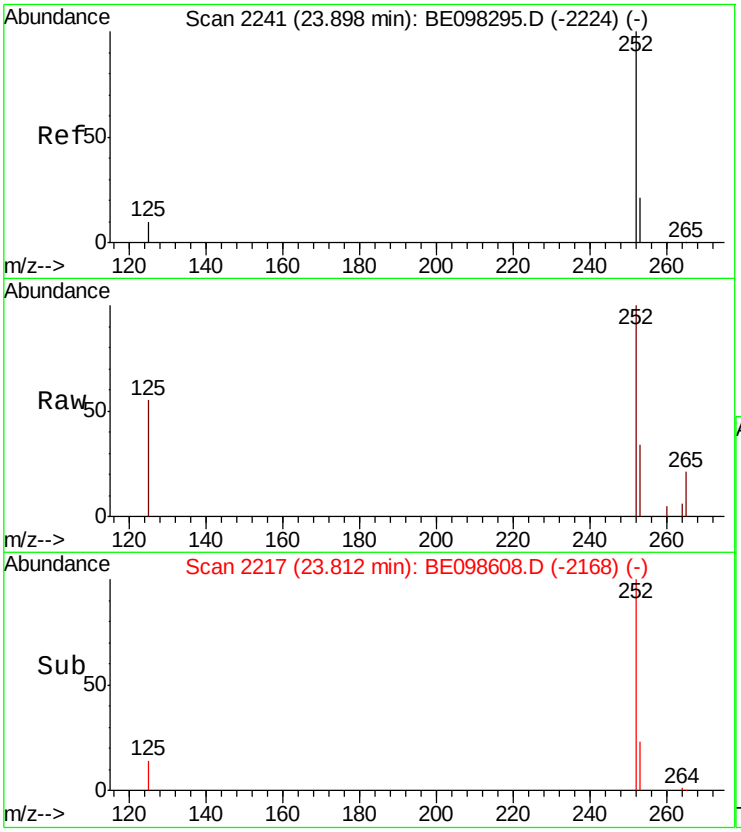


#36
Benzo(k)fluoranthene
Concen: 0.204 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:252 Resp: 4466

Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.0	28.6#
125	50.5	9.1	13.7#



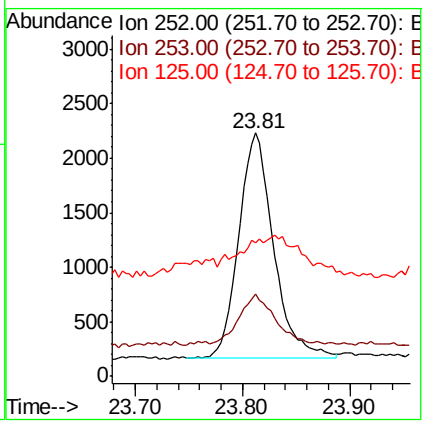


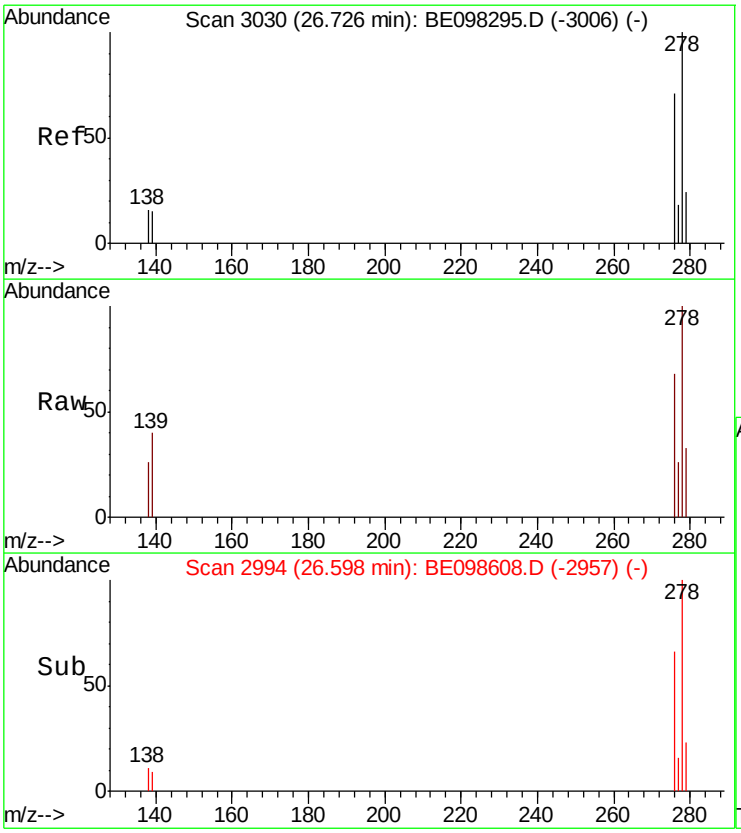
#37
Benzo(a)pyrene
Concen: 0.240 ng
RT: 23.81 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4649

Ion	Ratio	Lower	Upper
252	100		
253	33.7	20.6	30.8#
125	54.7	10.5	15.7#

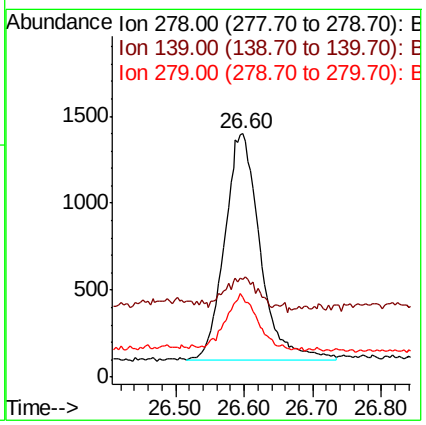


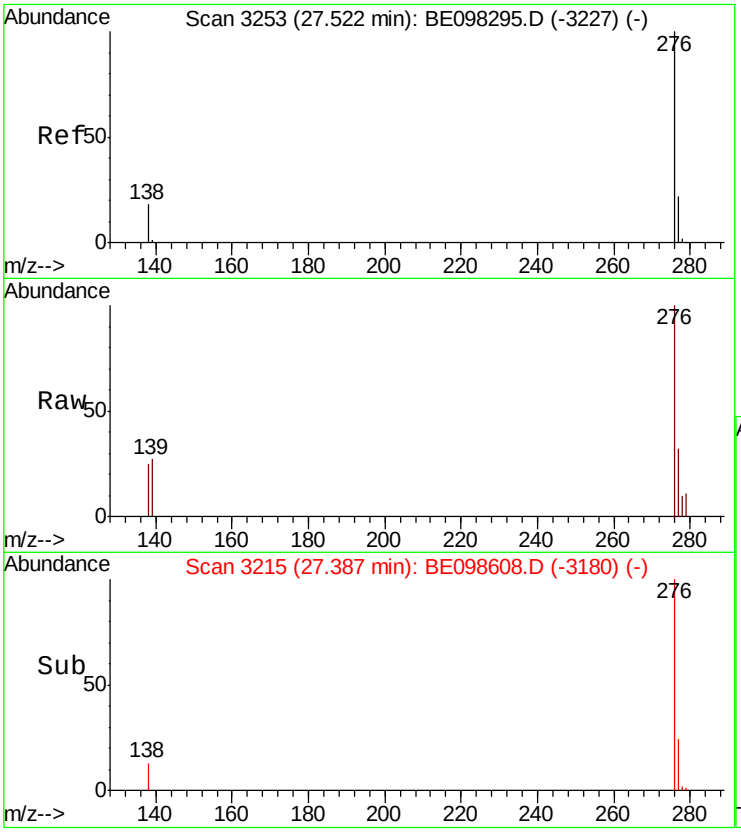


#38
Dibenzo(a,h)anthracene
Concen: 0.256 ng
RT: 26.60 min Scan# 2994
Delta R.T. -0.07 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Tgt Ion:278 Resp: 4677

Ion	Ratio	Lower	Upper
278	100		
139	40.3	14.5	21.7#
279	32.9	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.259 ng
RT: 27.39 min Scan# 3215
Delta R.T. -0.08 min
Lab File: BE098608.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4772

Ion	Ratio	Lower	Upper
276	100		
277	31.9	20.8	31.2#
138	25.5	15.8	23.6#