Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098975.D
Acq On : 15 Mar 2019 17:22
Operator : JU/SJ
Sample : K1900-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW309D-20190313MSD

Quant Time: Mar 16 00:51:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	884	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3879	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2528	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	6334	0.40	ng		-0.02
27) Chrysene-d12	21.39	240	7103	0.40	ng		-0.01
34) Perylene-d12	23.89	264	6776	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	403	0.15	ng		0.03
5) Phenol-d6	7.02	99	388	0.10	ng		0.03
8) Nitrobenzene-d5	8.96	82	1478	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	3548	0.49	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	469	0.37	ng		-0.02
15) 2-Fluorobiphenyl	13.07	172	4582	0.44	ng		-0.01
25) Fluoranthene-d10	19.24	212	34314	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	7120	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	665	0.384	ng	#	70
3) n-Nitrosodimethylamine	3.57	42	65	0.029	ng	#	14
6) bis(2-Chloroethyl)ether	7.23	93	1151	0.399	ng		80
9) Naphthalene	10.63	128	17408	0.392	ng		100
10) Hexachlorobutadiene	10.91	225	977	0.332	ng		99
12) 2-Methylnaphthalene	12.27	142	2959	0.411	ng		97
16) Acenaphthylene	14.17	152	4853	0.373	ng		96
17) Acenaphthene	14.51	154	2981	0.386	ng		98
18) Fluorene	15.50	166	4157	0.374	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	1336	0.389	ng		93
21) Hexachlorobenzene	16.52	284	1518	0.372	ng		98
22) Pentachlorophenol	16.88	266	764	0.814	ng	#	81
23) Phenanthrene	17.25	178	6835	0.380	ng		100
24) Anthracene	17.35	178	5433	0.353	ng		99
26) Fluoranthene	19.27	202	9053	0.356	ng		99
28) Pyrene	19.63	202	9401	0.433	ng		100
30) Benzo(a)anthracene	21.38	228	8521	0.384	ng		98
31) Chrysene	21.43	228	9644	0.407	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	17107	0.363	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8032	0.321	ng		99
35) Benzo(b)fluoranthene	23.18	252	9691	0.435	ng		97
36) Benzo(k)fluoranthene	23.18	252	9691	0.415	ng		99
37) Benzo(a)pyrene	23.79	252	8408	0.394	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	6261	0.310	ng		98
39) Benzo(g,h,i)perylene	27.34	276	7033	0.333	ng		96

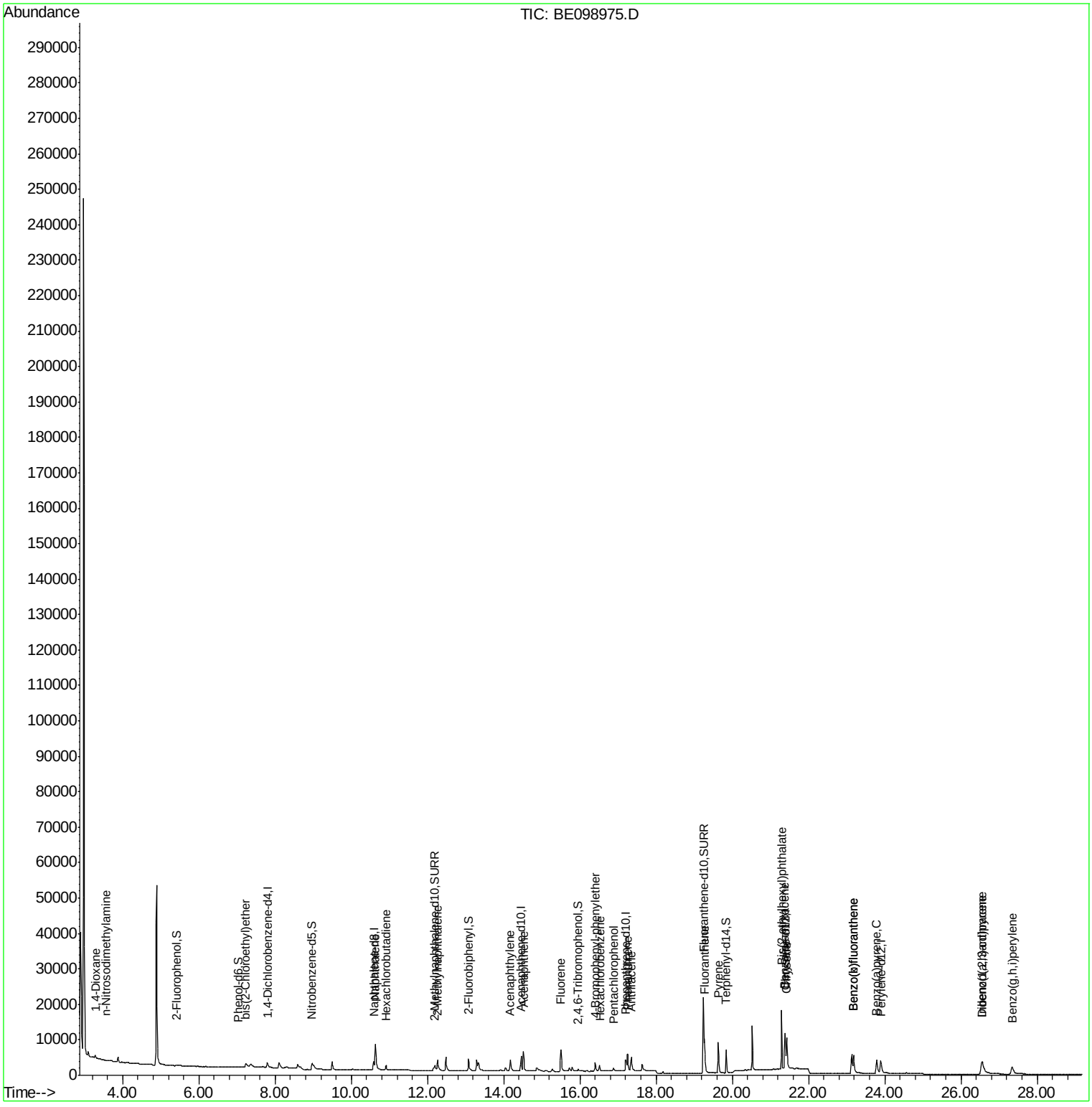
(#) = qualifier out of range (m) = manual integration (+) = signals summed

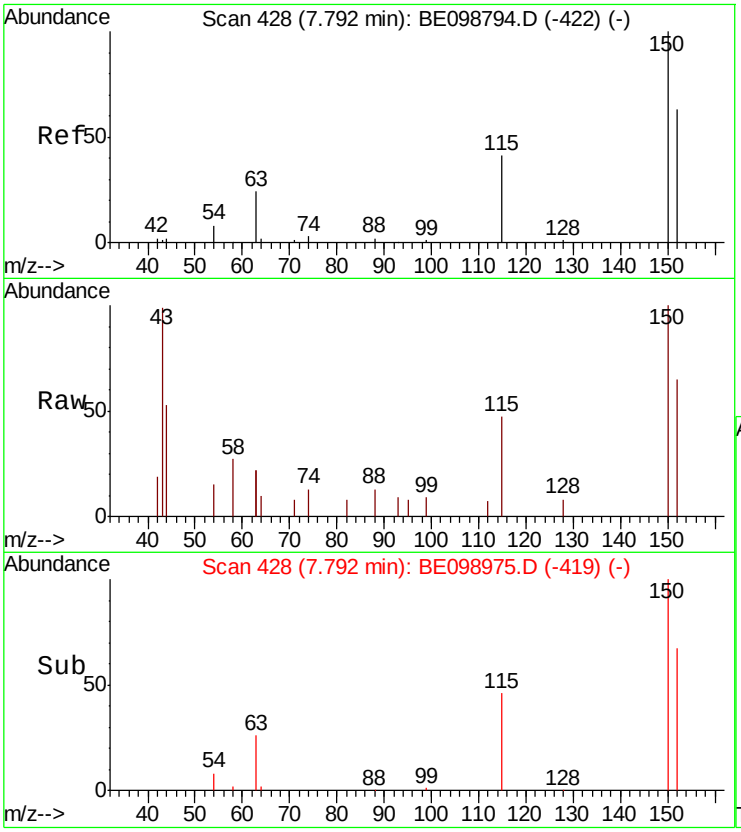
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098975.D
Acq On : 15 Mar 2019 17:22
Operator : JU/SJ
Sample : K1900-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Quant Time: Mar 16 00:51:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



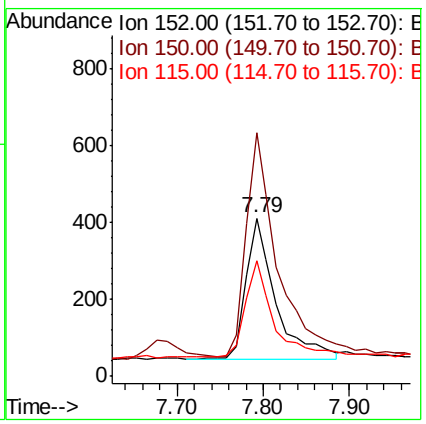


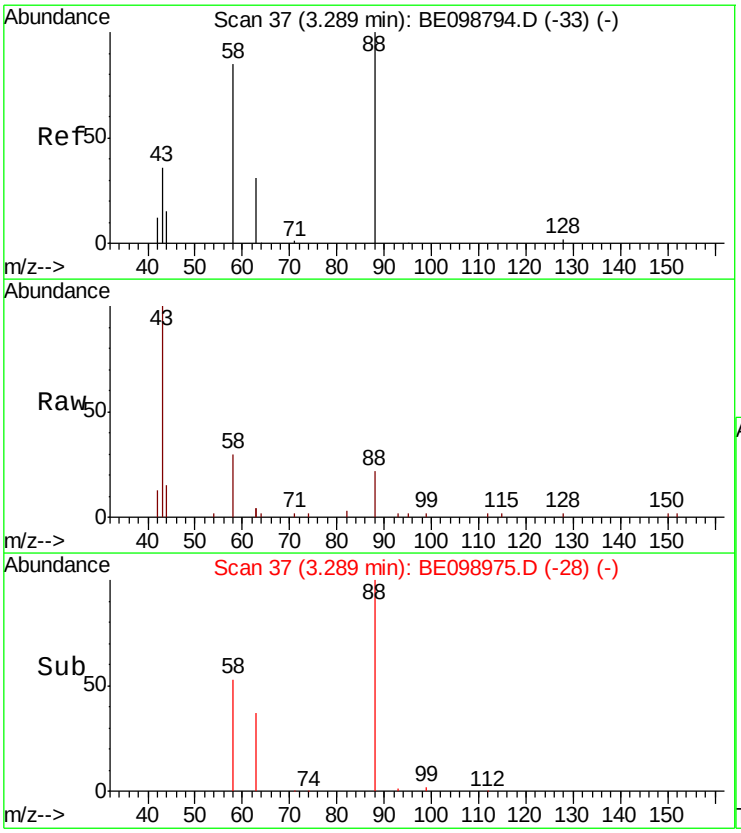
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:152 Resp: 884

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.5	183.7
115	73.2	57.4	86.2

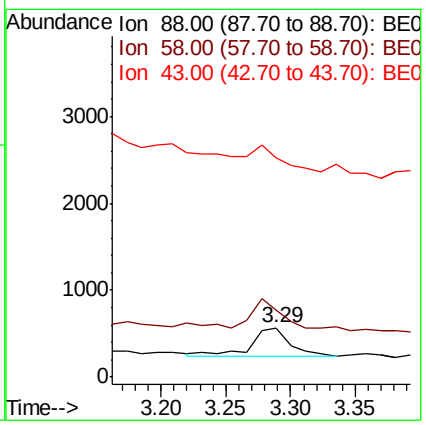


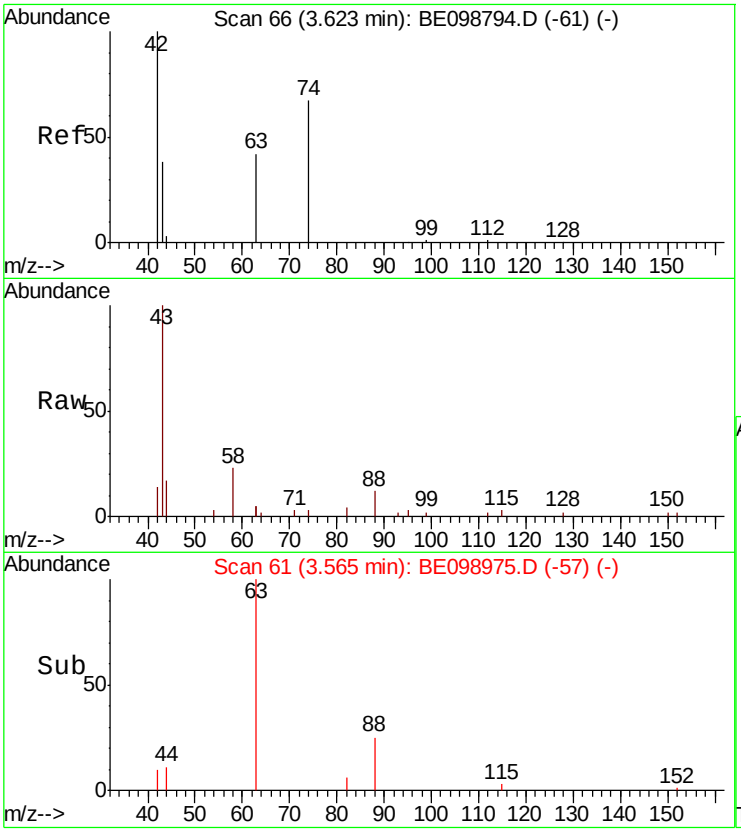


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion: 88 Resp: 665

Ion	Ratio	Lower	Upper
88	100		
58	100.3	75.8	113.6
43	0.0	41.8	62.8#



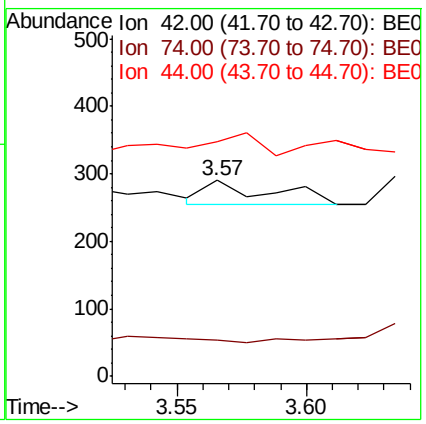


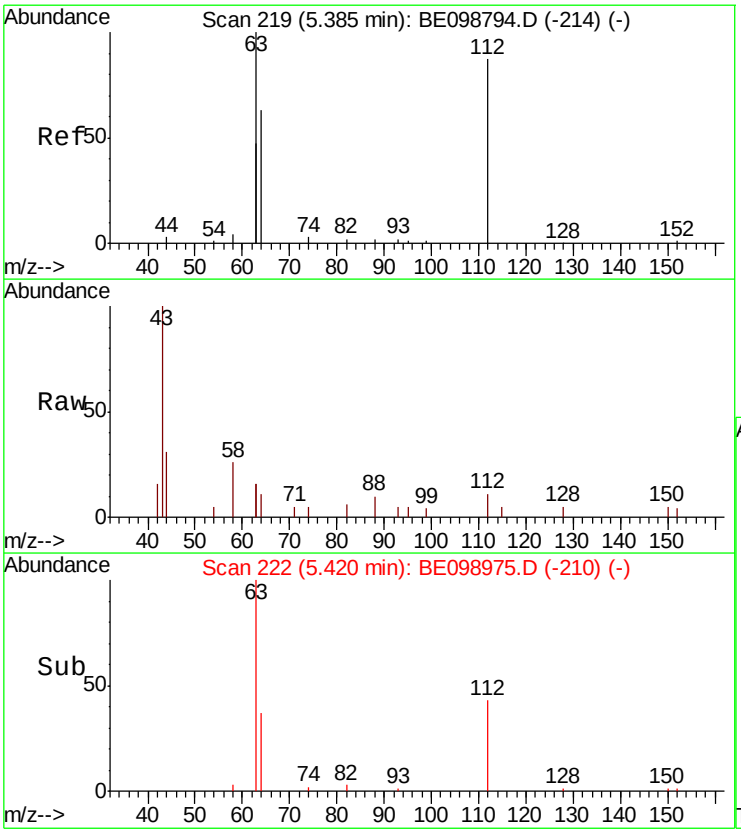
#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.06 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	56.9	0.0	0.0#

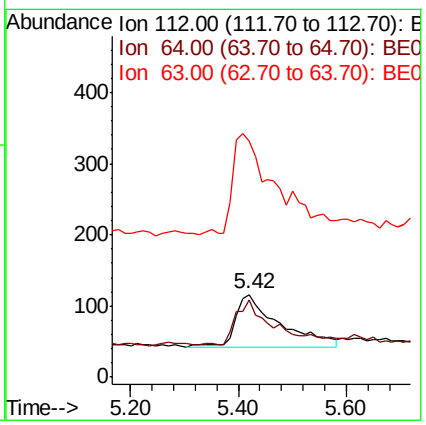


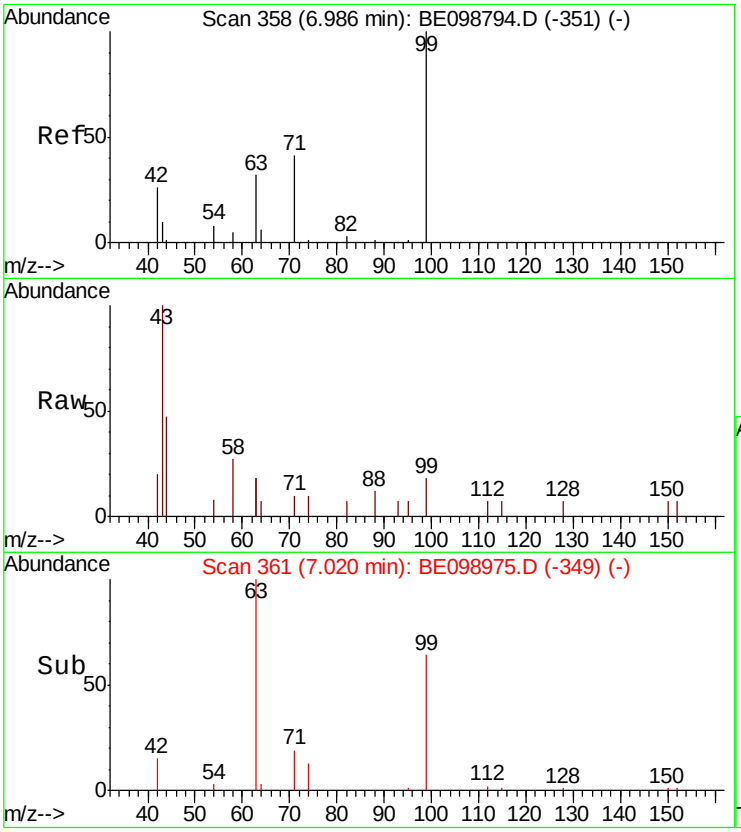


#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.03 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:112 Resp: 403

Ion	Ratio	Lower	Upper
112	100		
64	76.4	57.9	86.9
63	203.7	158.3	237.5



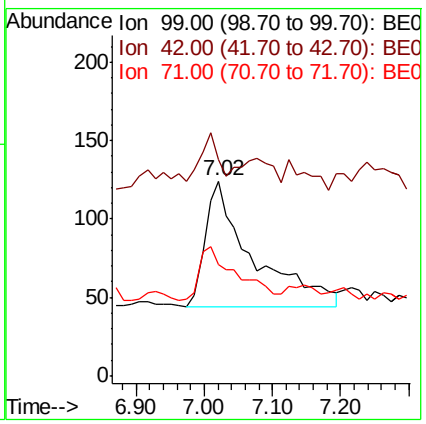


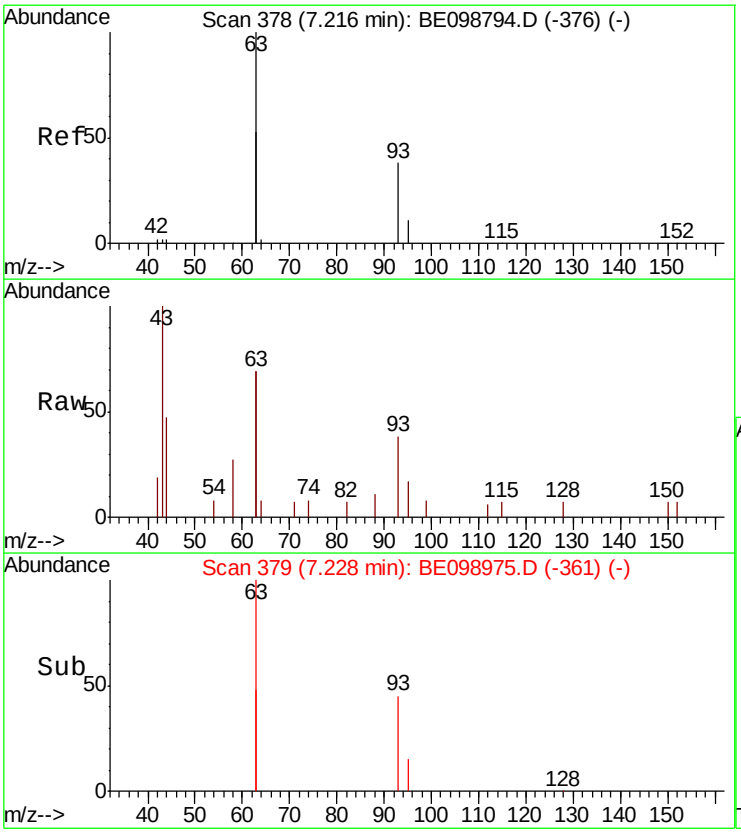
#5
Phenol-d6
Concen: 0.104 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.03 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion: 99 Resp: 388

Ion	Ratio	Lower	Upper
99	100		
42	14.2	24.2	36.2#
71	33.2	35.7	53.5#

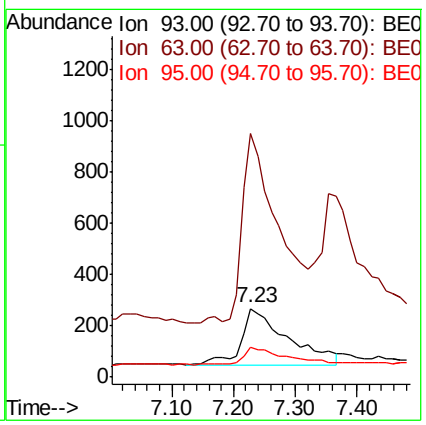


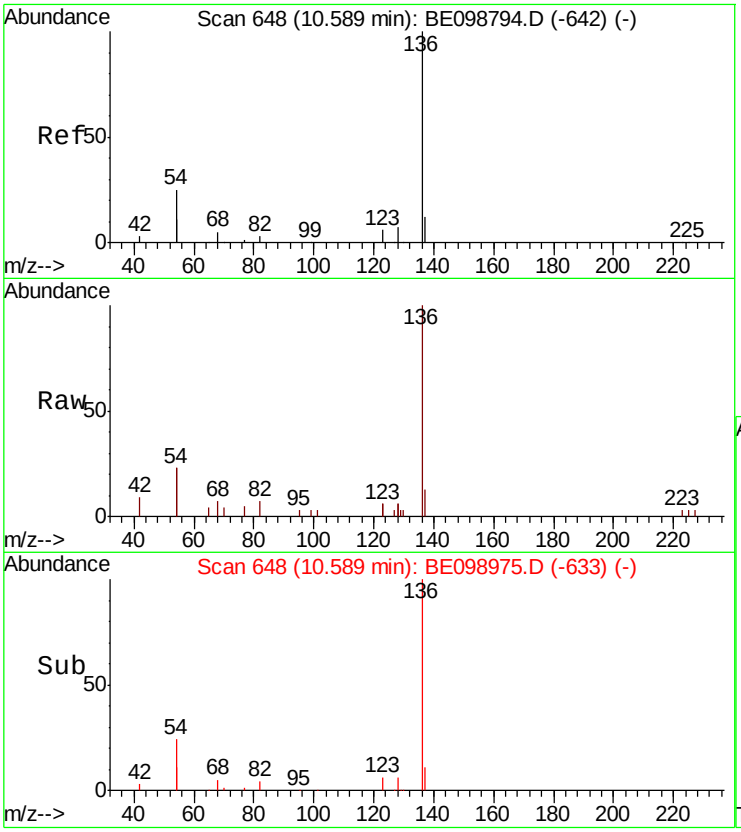


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion: 93 Resp: 1151

Ion	Ratio	Lower	Upper
93	100		
63	266.7	247.5	371.3
95	25.5	21.8	32.8



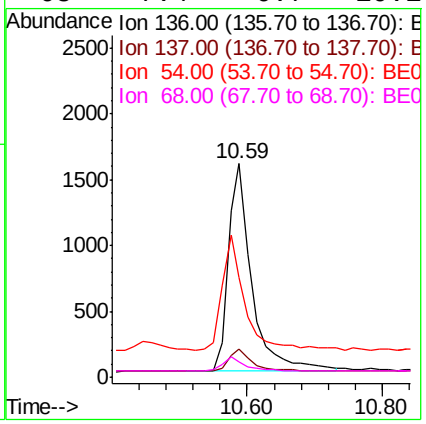


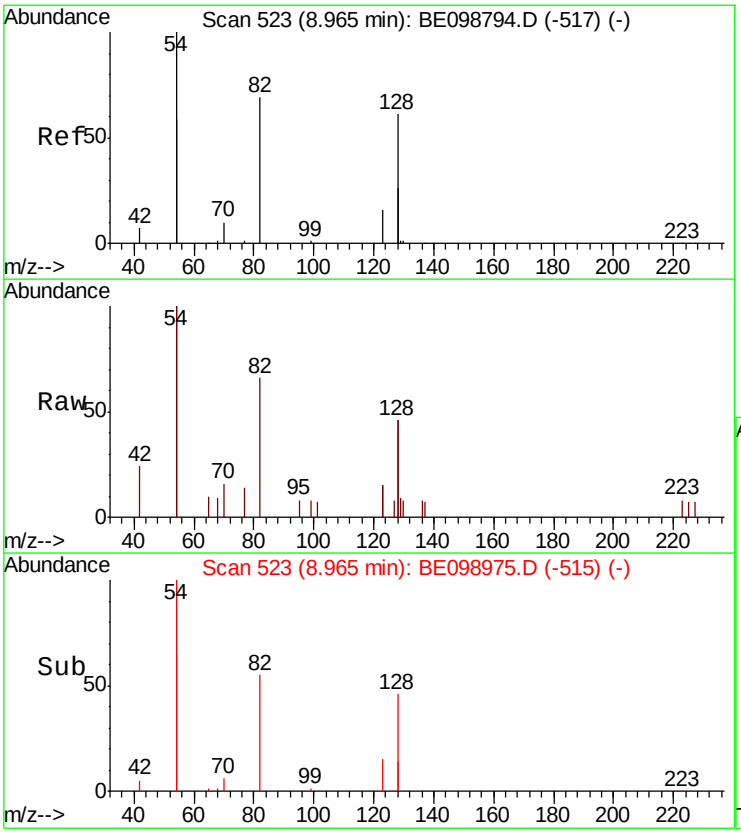
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:136 Resp: 3879

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.4	17.0
54	47.0	39.3	58.9
68	7.4	6.7	10.1

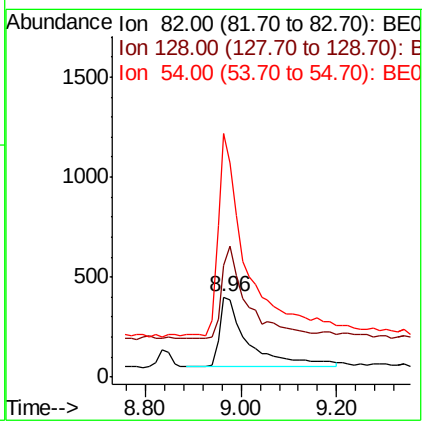


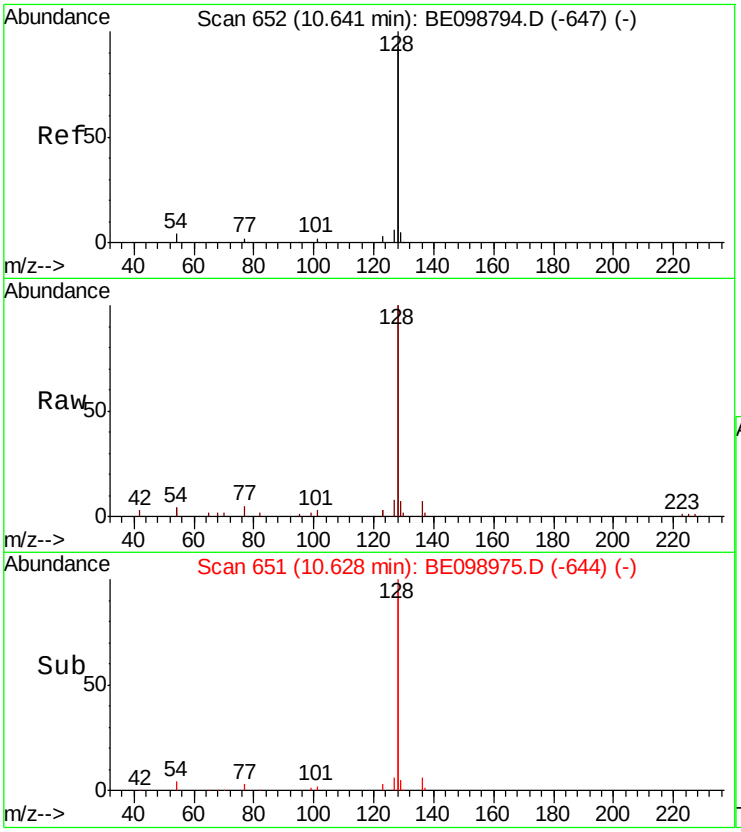


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion: 82 Resp: 1478

Ion	Ratio	Lower	Upper
82	100		
128	139.2	123.8	185.8
54	303.7	203.4	305.2



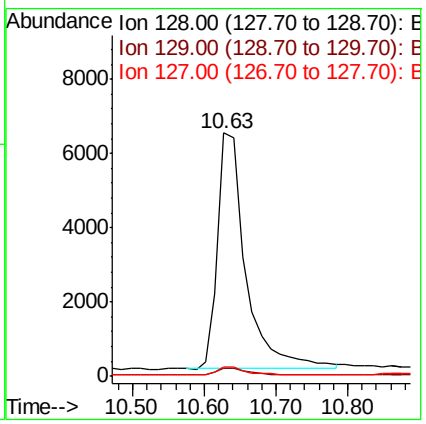


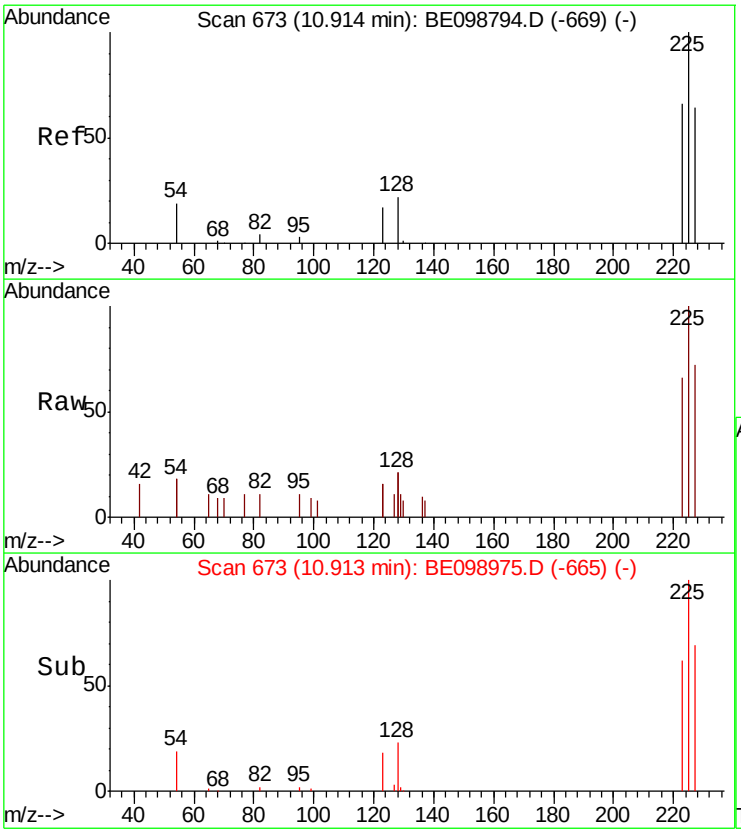
#9
Naphthalene
Concen: 0.392 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:128 Resp: 17408

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	4.0	3.1	4.7

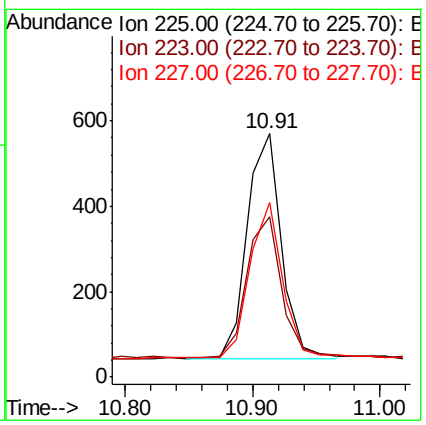


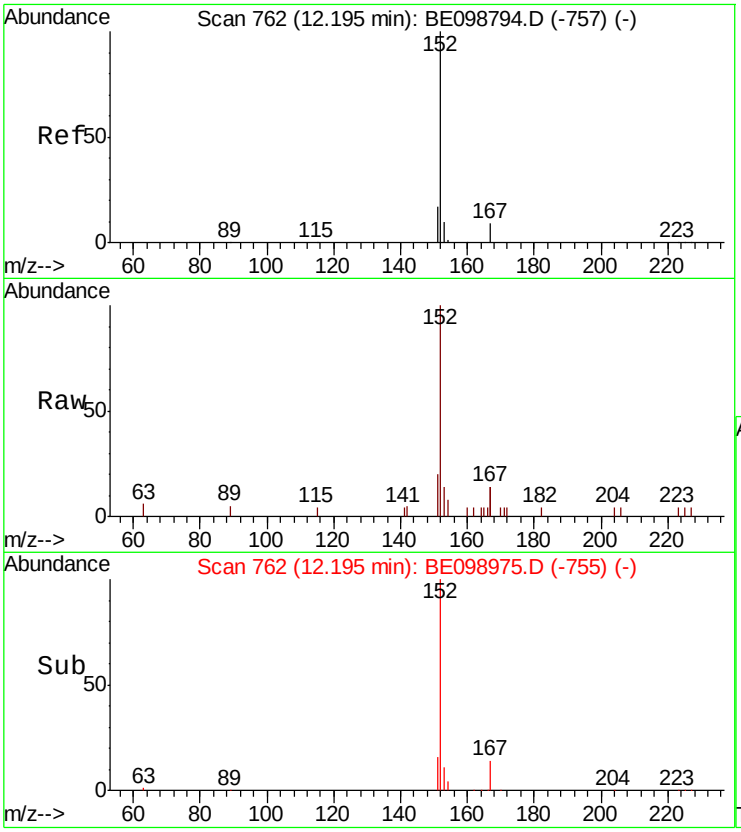


#10
Hexachlorobutadiene
Concen: 0.332 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:225 Resp: 977

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.1	76.7
227	65.6	51.6	77.4



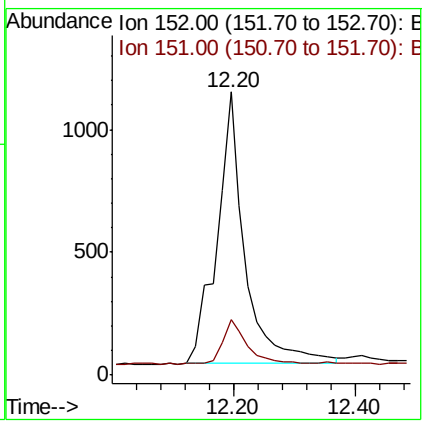


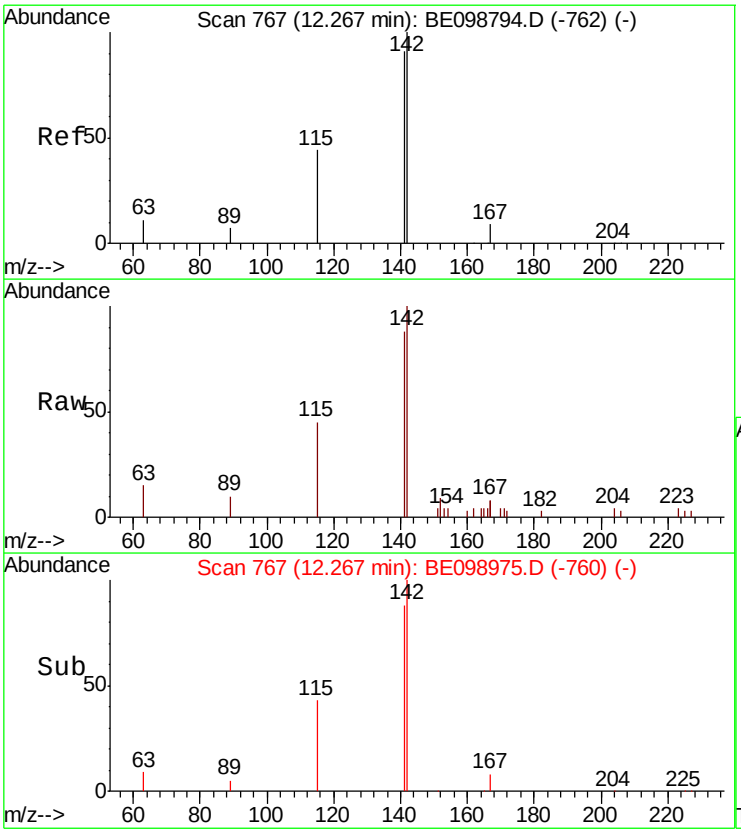
#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:152 Resp: 3548

Ion	Ratio	Lower	Upper
152	100		
151	13.9	16.5	24.7#

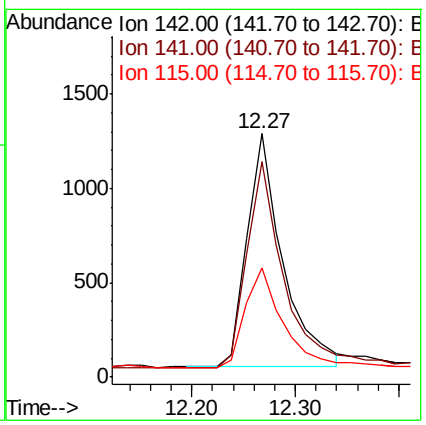


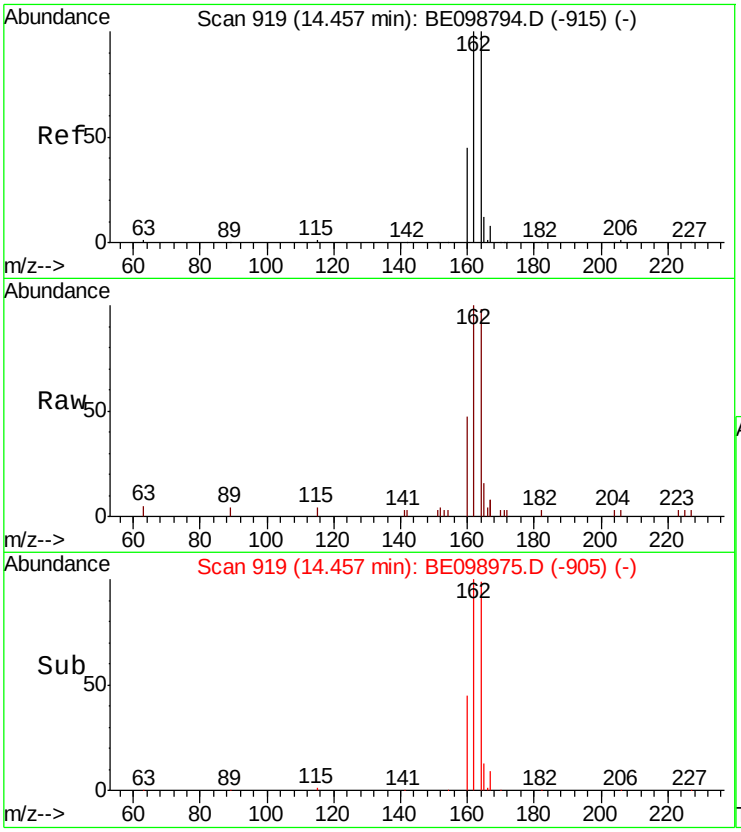


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:142 Resp: 2959

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	44.8	37.4	56.2



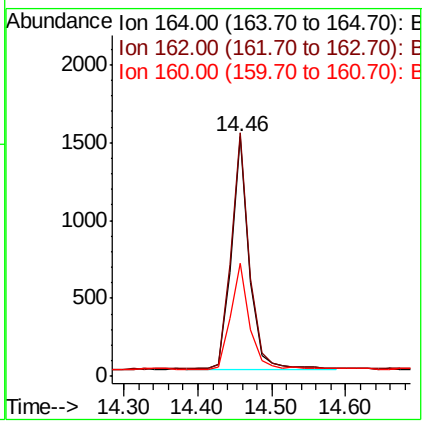


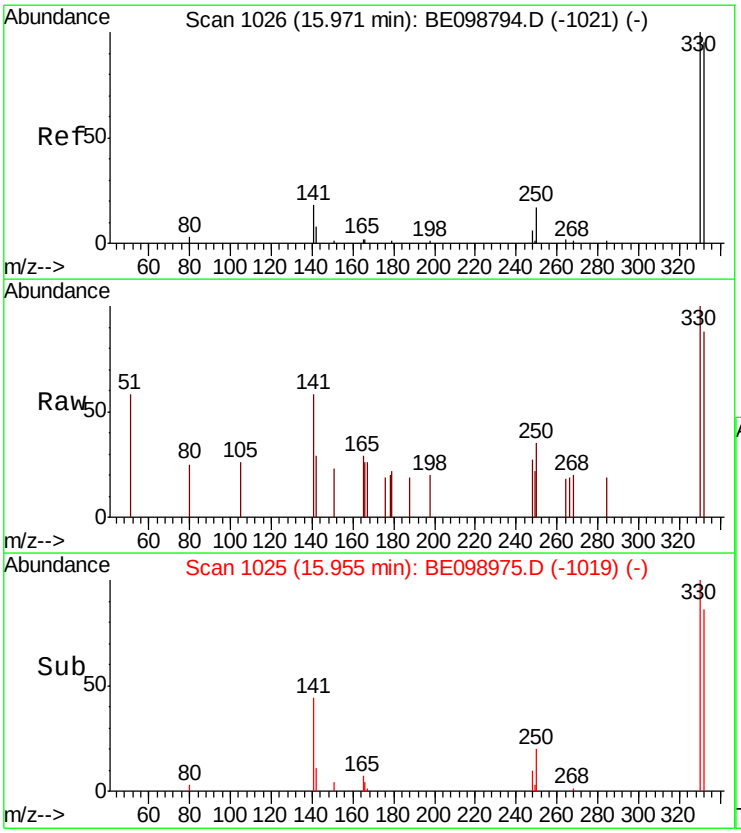
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:164 Resp: 2528

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	47.4	37.8	56.8

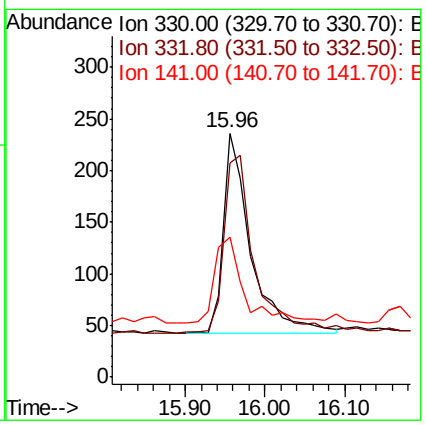


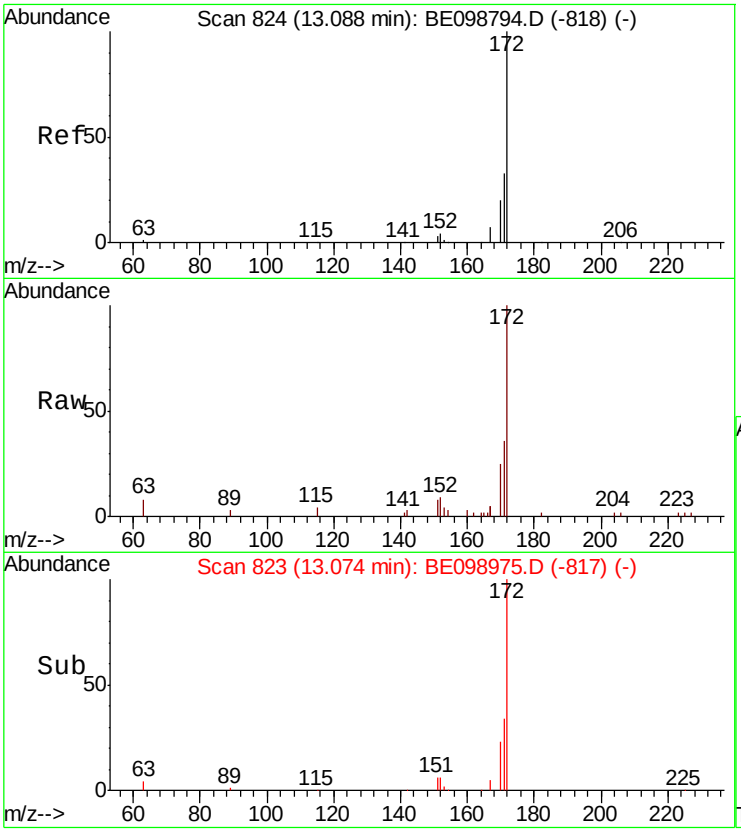


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:330 Resp: 469

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	46.7	31.0	46.4#



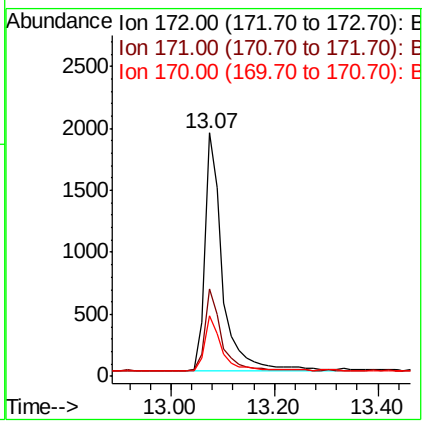


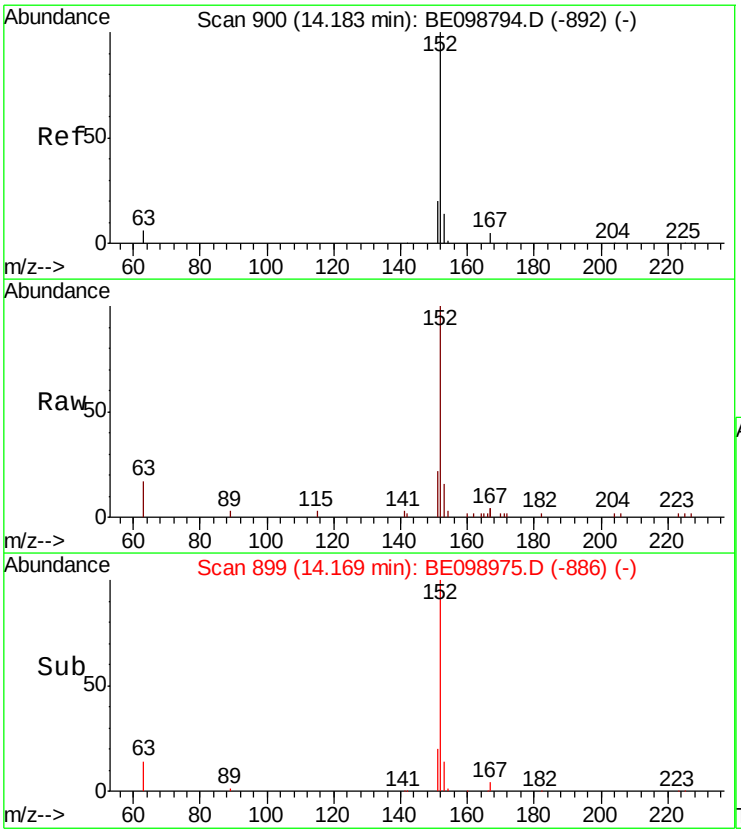
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:172 Resp: 4582

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	25.1	17.7	26.5

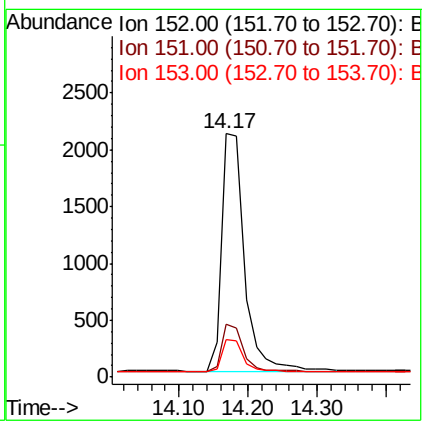


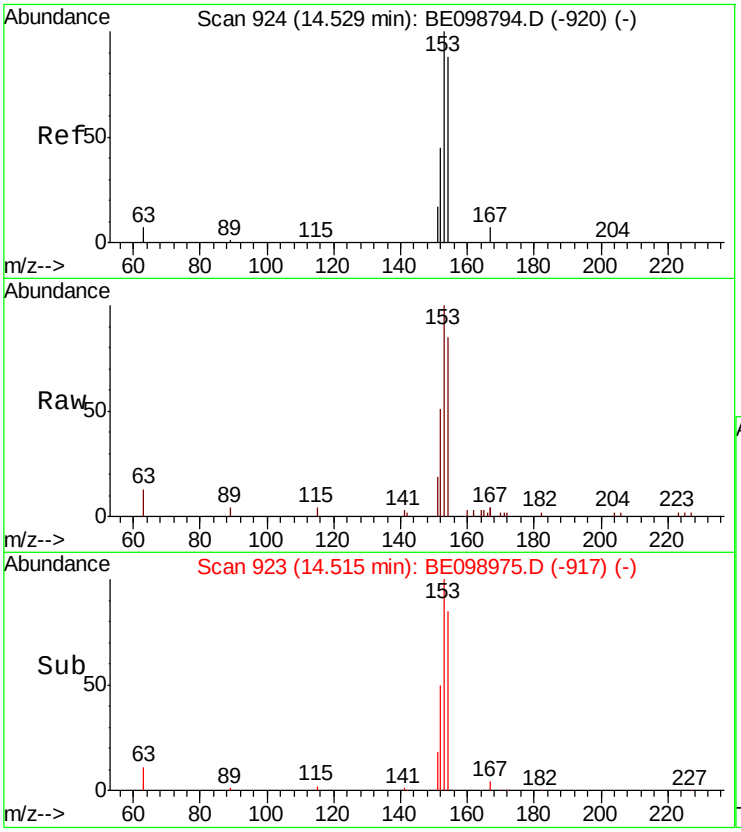


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:152 Resp: 4853

Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.0	25.6
153	12.7	11.2	16.8



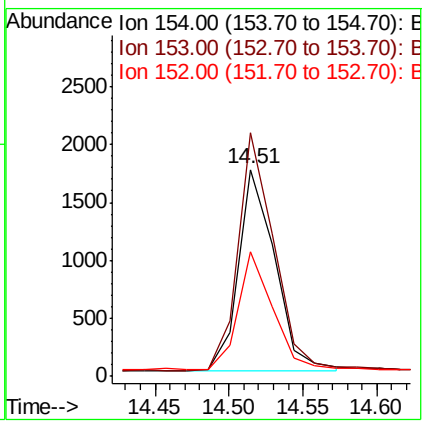


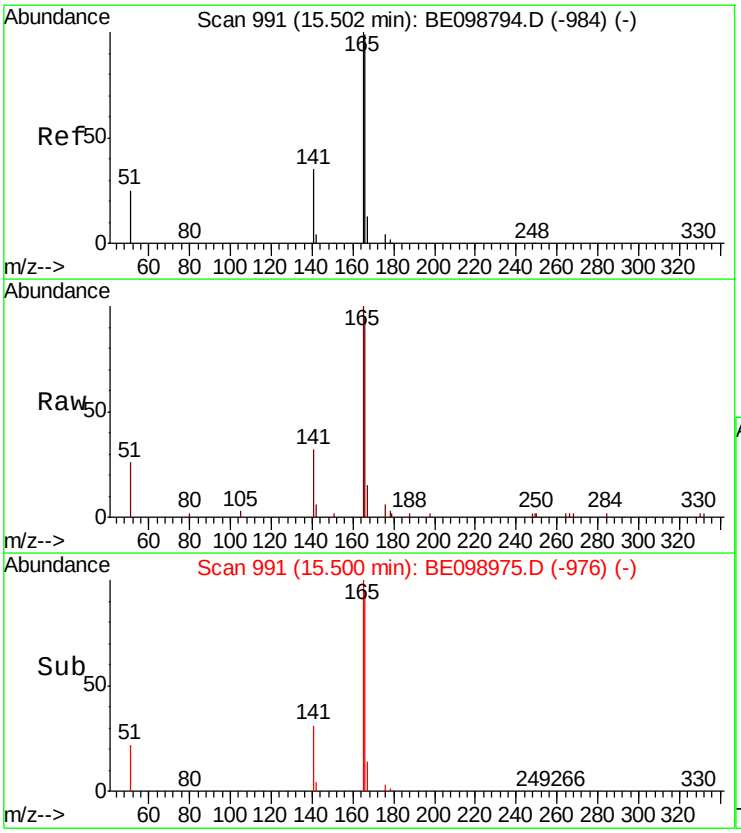
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:154 Resp: 2981

Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.2	141.4
152	55.2	45.0	67.4

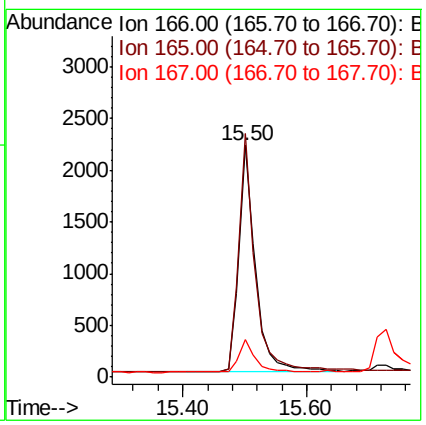


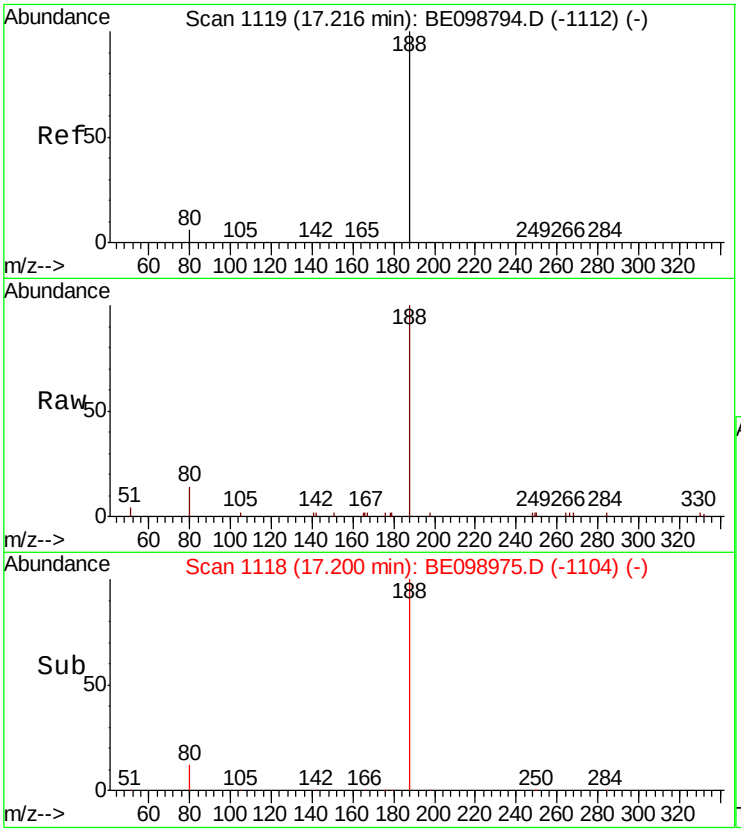


#18
Fluorene
Concen: 0.374 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:166 Resp: 4157

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.3	118.9
167	14.0	10.5	15.7



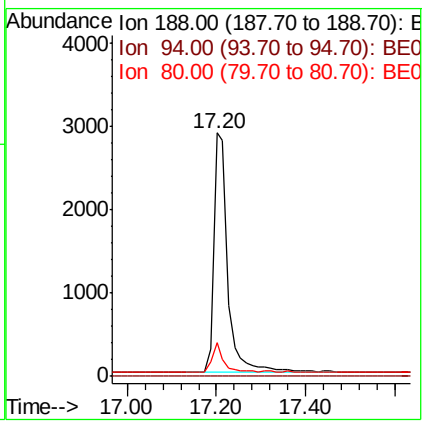


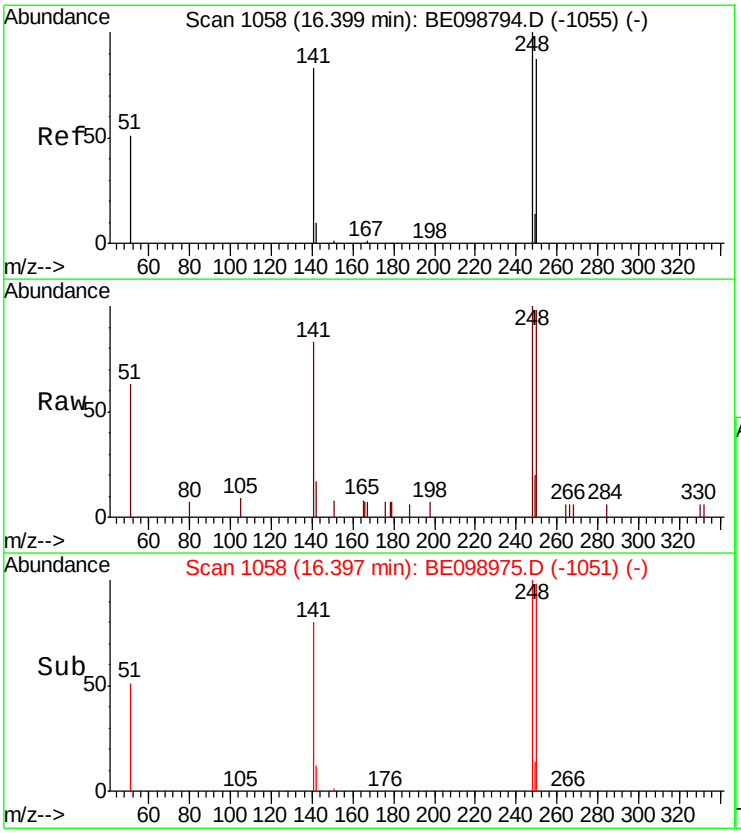
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:188 Resp: 6334

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	6.3	9.5#

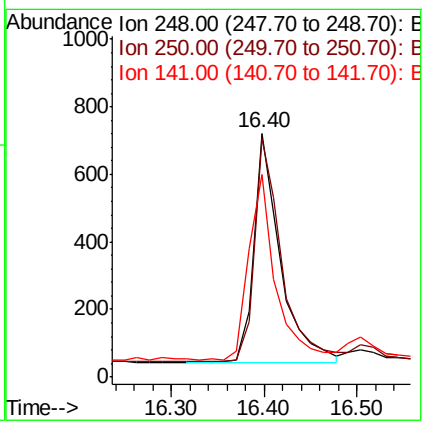


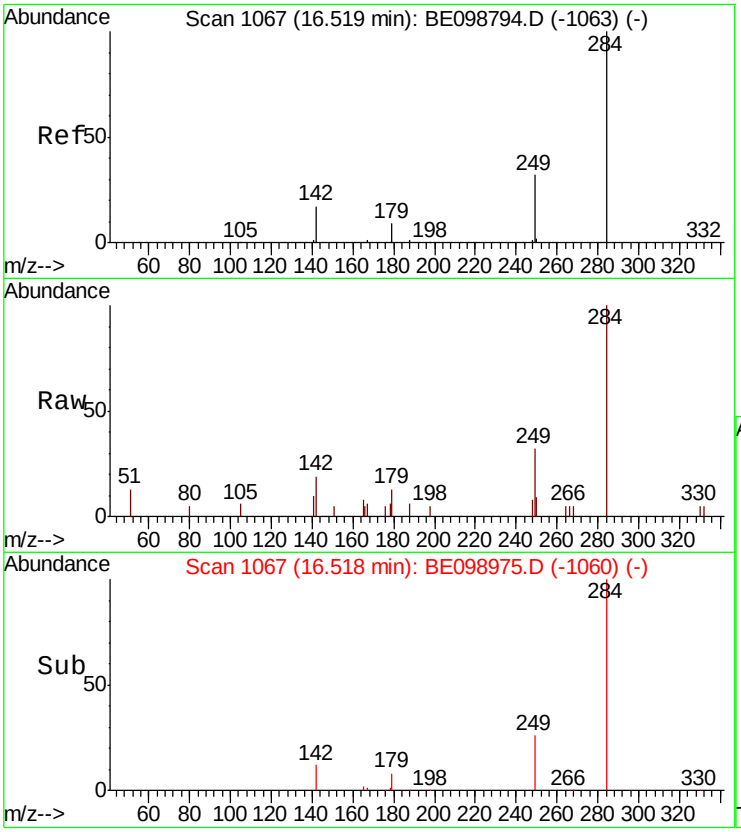


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:248 Resp: 1336

Ion	Ratio	Lower	Upper
248	100		
250	98.1	70.6	105.8
141	82.9	68.6	102.8



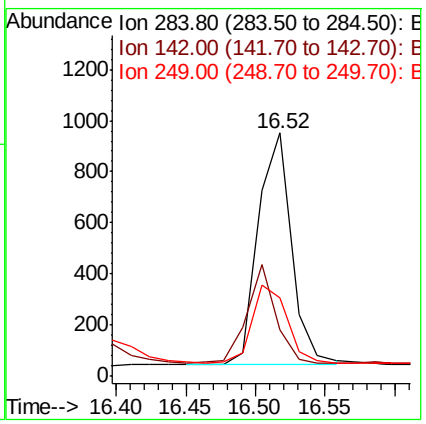


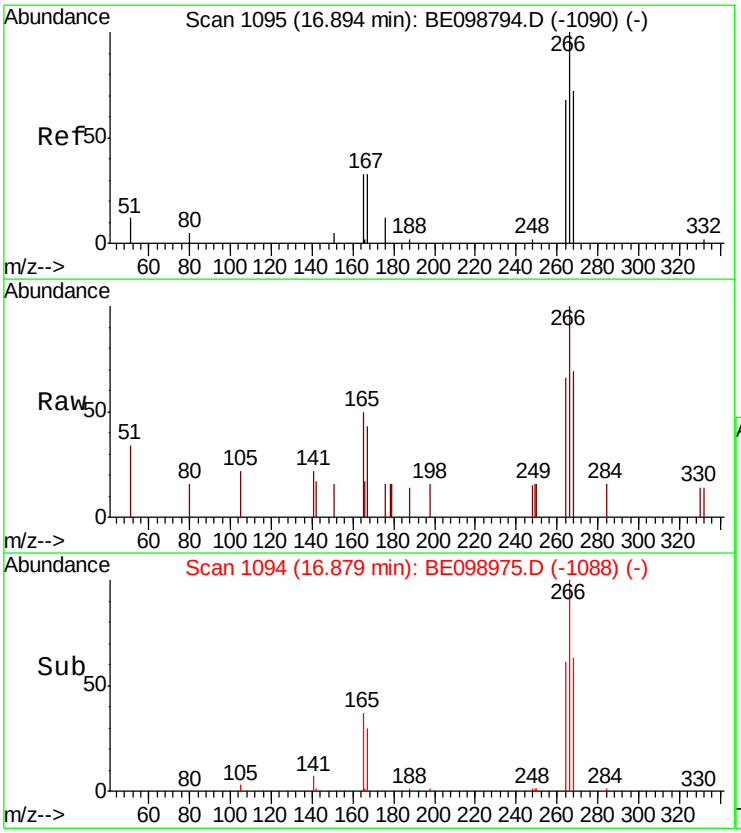
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:284 Resp: 1518

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.7	43.1
249	35.0	29.6	44.4

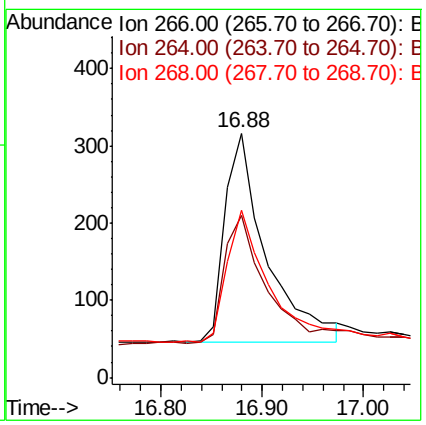


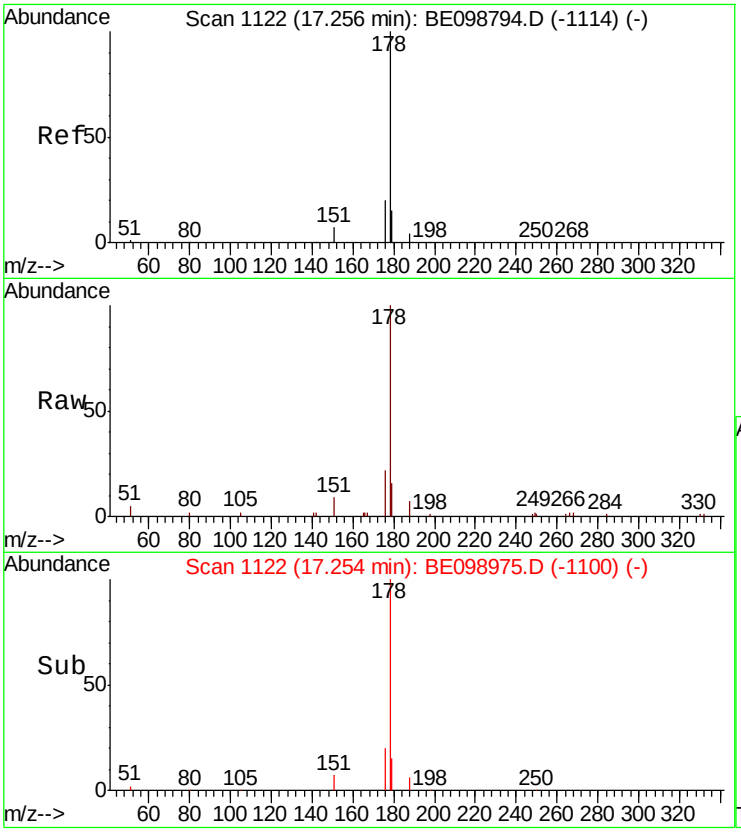


#22
Pentachlorophenol
Concen: 0.814 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:266 Resp: 764

Ion	Ratio	Lower	Upper
266	100		
264	66.5	66.6	100.0#
268	68.7	69.8	104.8#



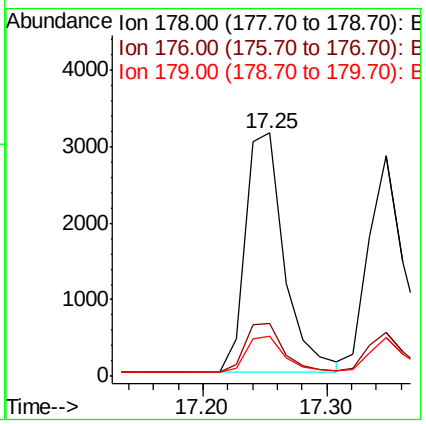


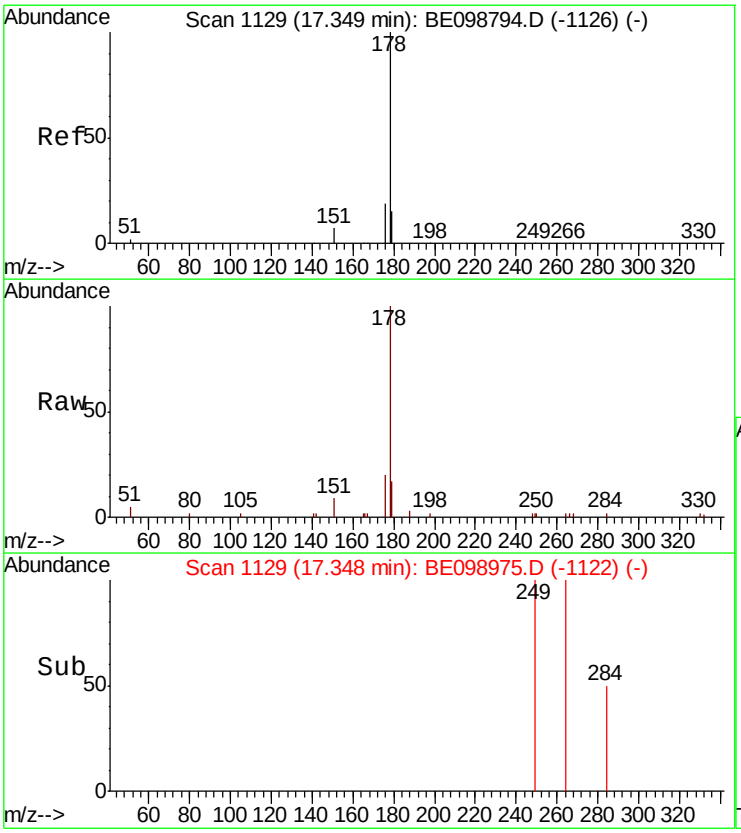
#23
Phenanthrene
Concen: 0.380 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:178 Resp: 6835

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.2	12.1	18.1

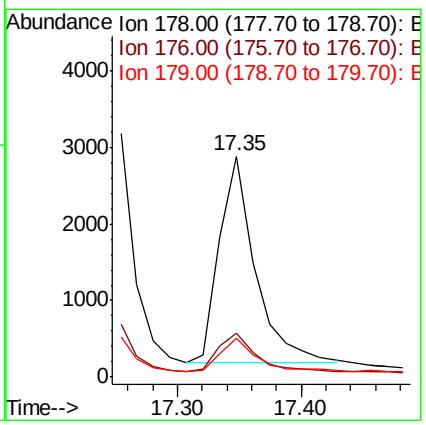


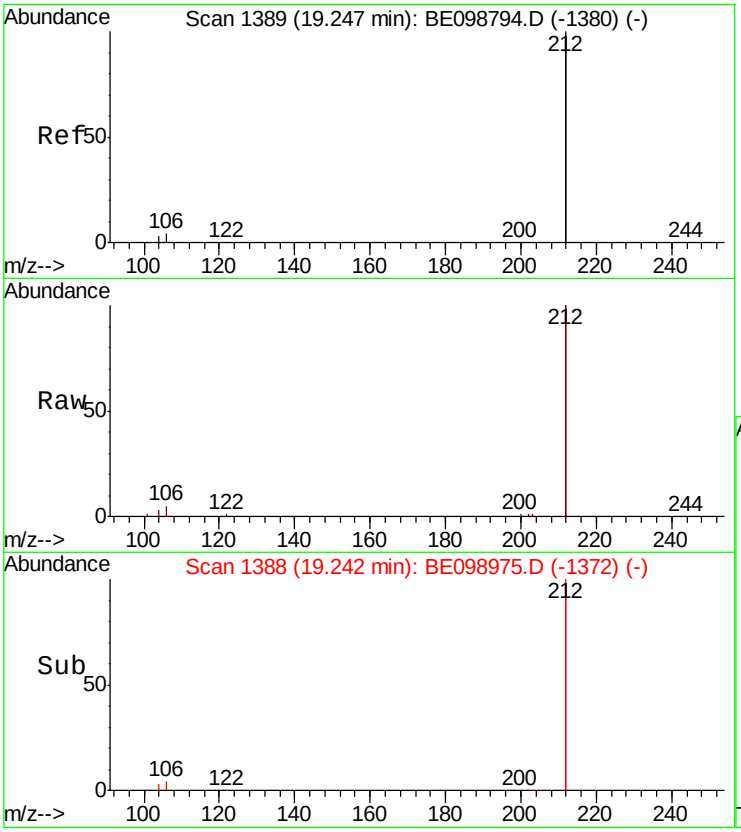


#24
Anthracene
Concen: 0.353 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:178 Resp: 5433

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.9	12.2	18.4



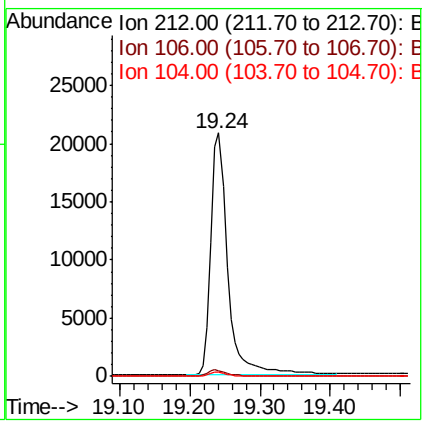


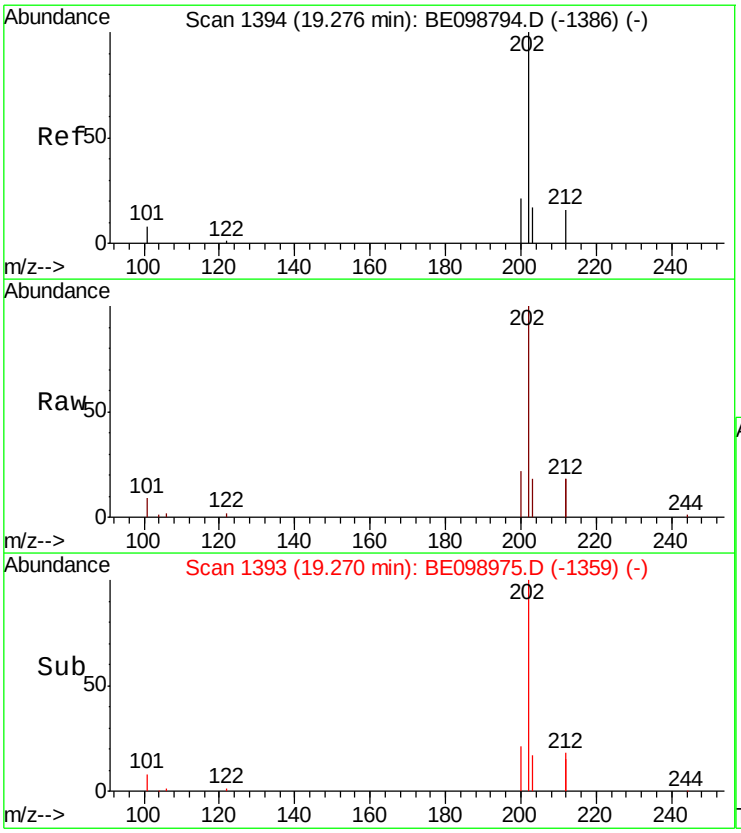
#25
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:212 Resp: 34314

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

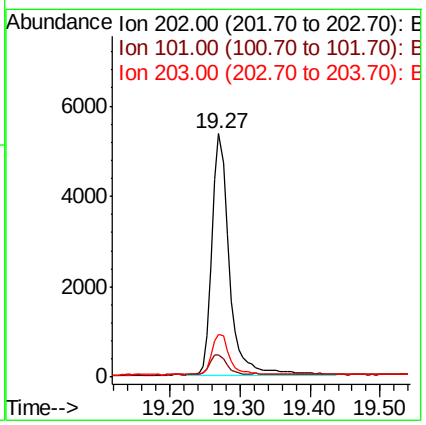


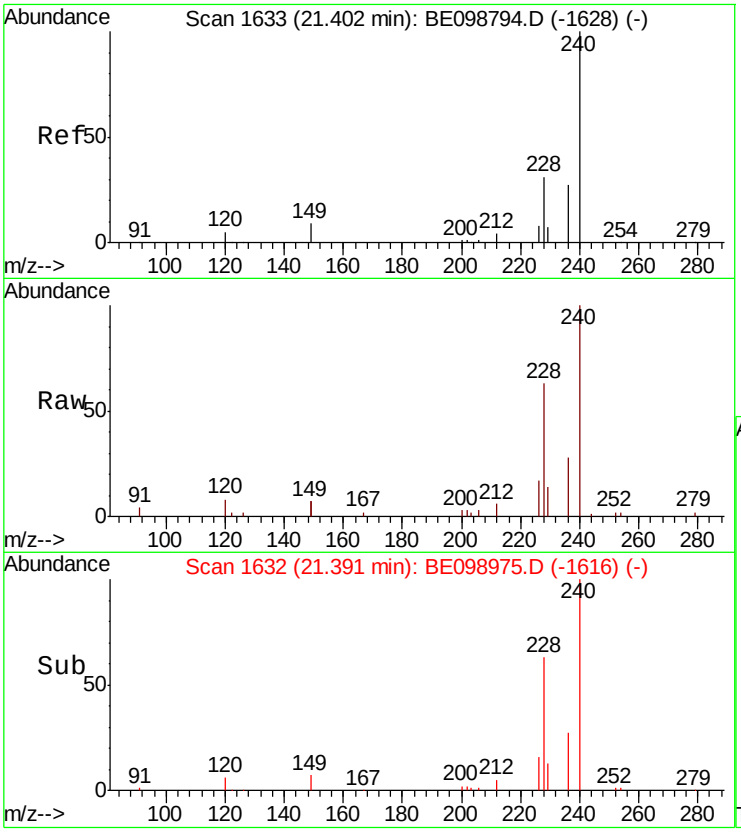


#26
Fluoranthene
Concen: 0.356 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:202 Resp: 9053

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.3	10.9
203	17.0	13.4	20.2



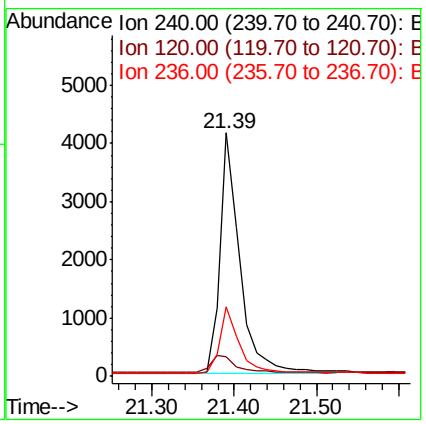


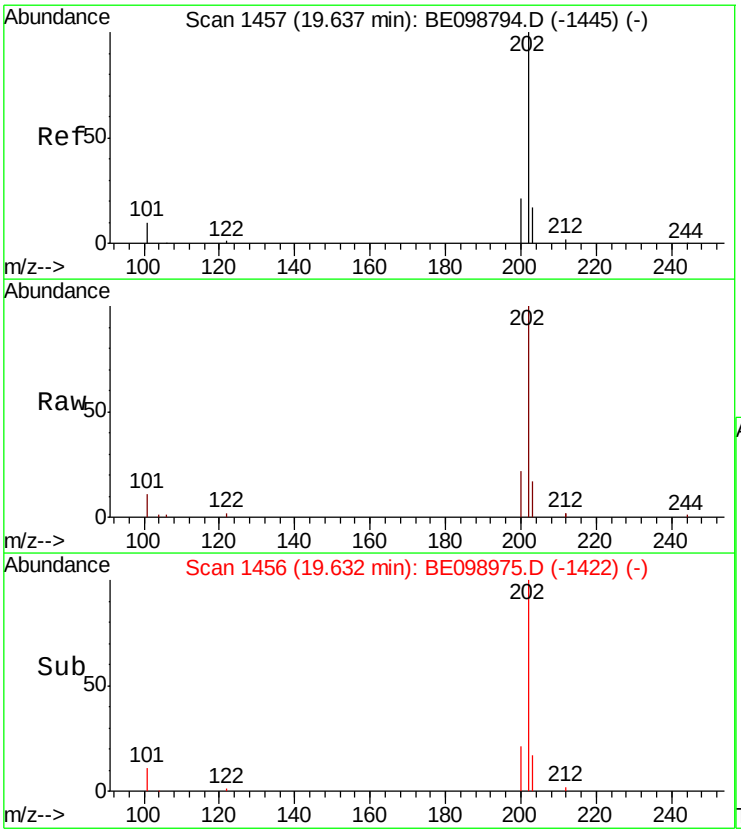
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:240 Resp: 7103

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.0	7.4#
236	28.3	22.7	34.1

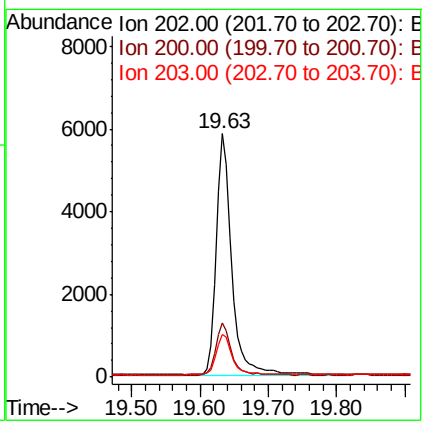


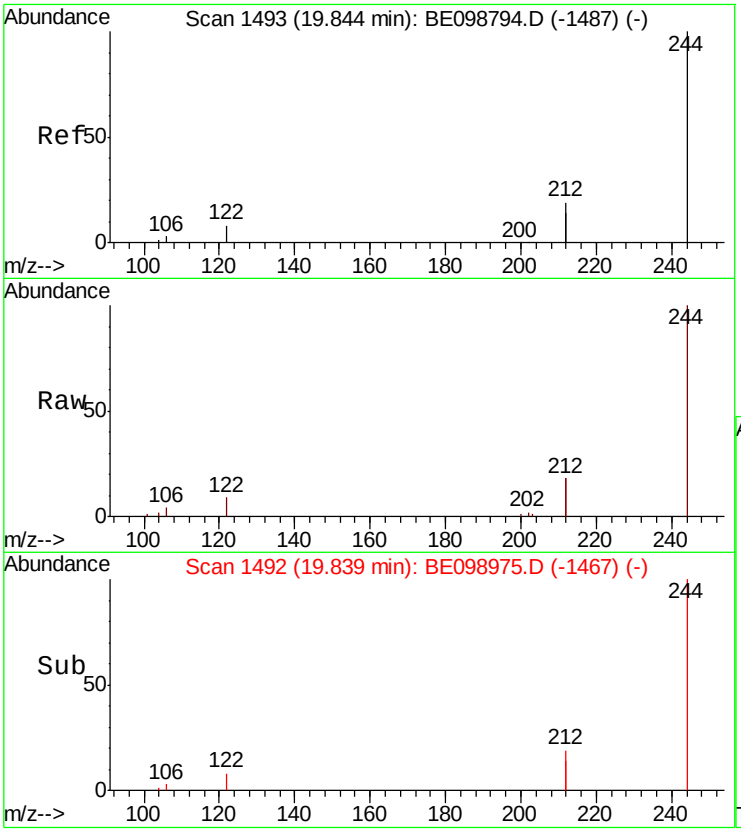


#28
Pyrene
Concen: 0.433 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:202 Resp: 9401

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.6	14.2	21.2



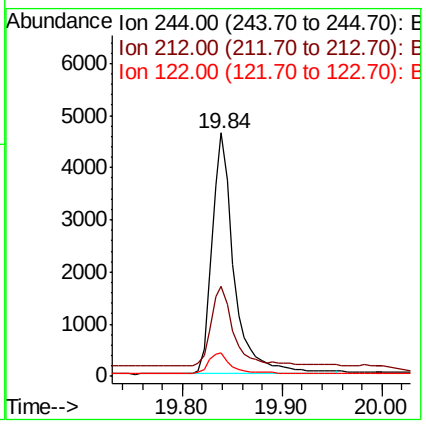


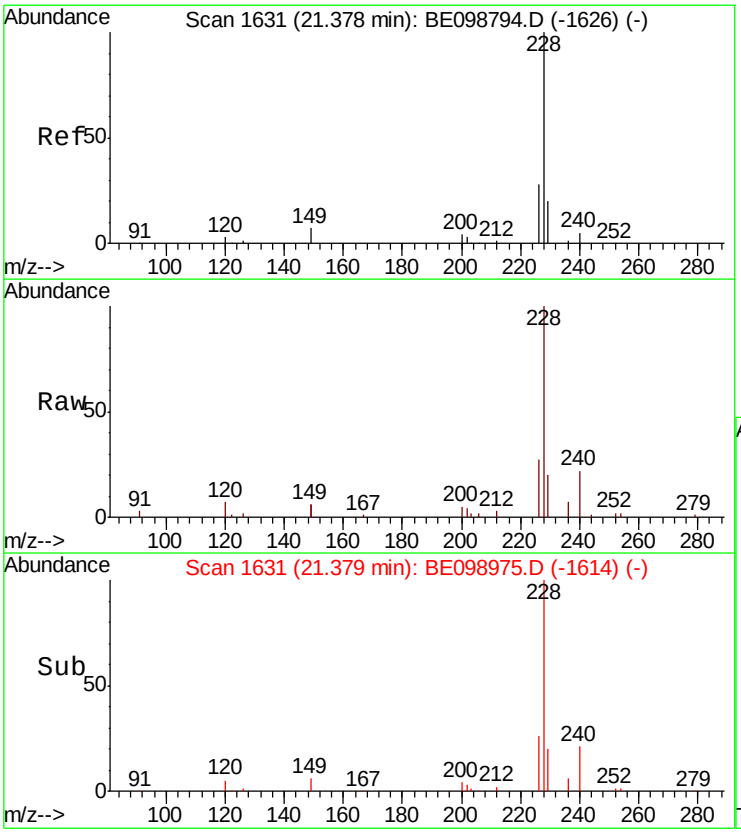
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:244 Resp: 7120

Ion	Ratio	Lower	Upper
244	100		
212	36.7	29.4	44.2
122	9.5	7.1	10.7

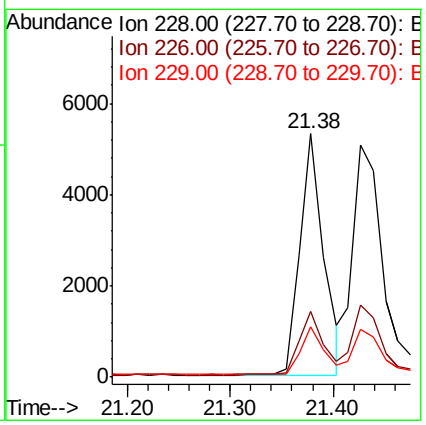


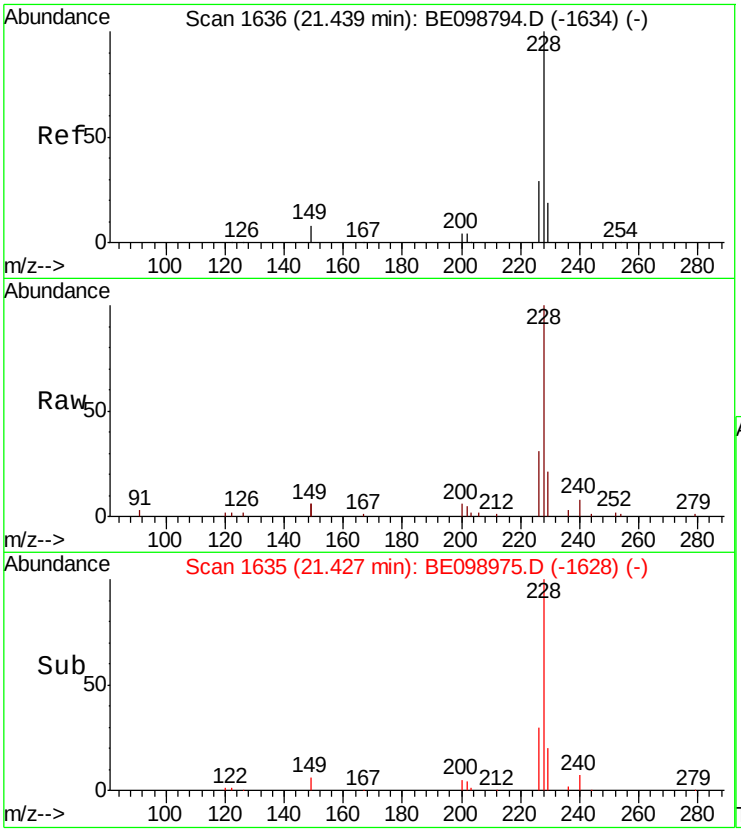


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:228 Resp: 8521

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	20.4	16.5	24.7



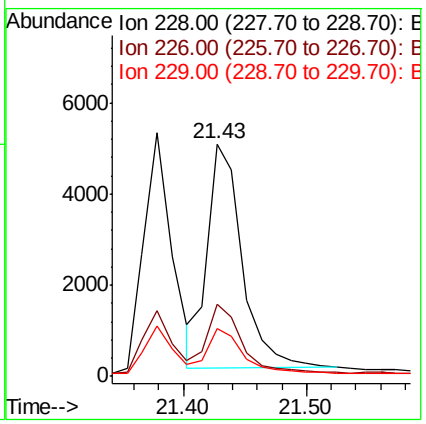


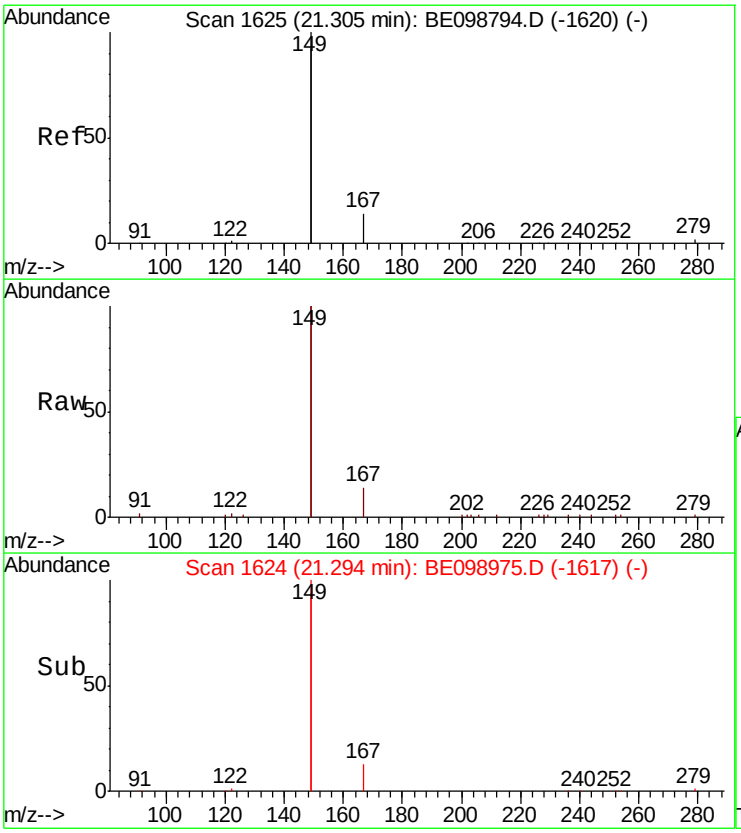
#31
Chrysene
Concen: 0.407 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:228 Resp: 9644

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	20.6	16.1	24.1

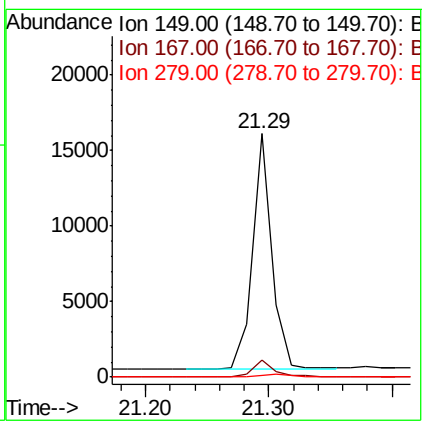


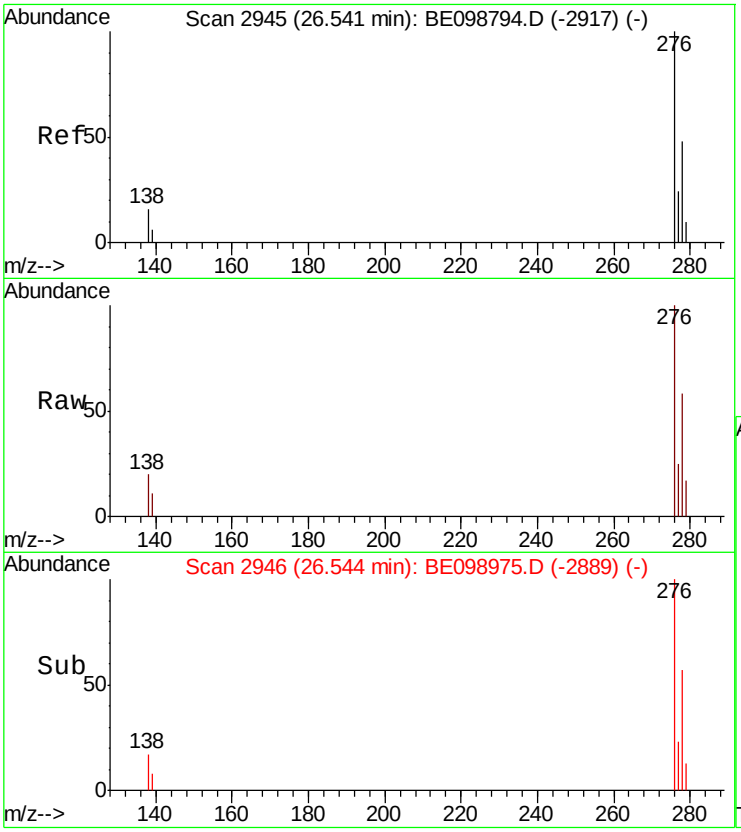


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:149 Resp: 17107

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4



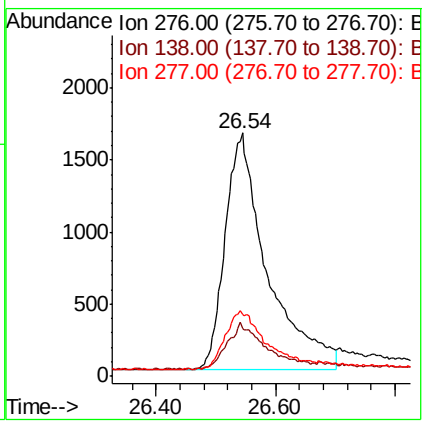


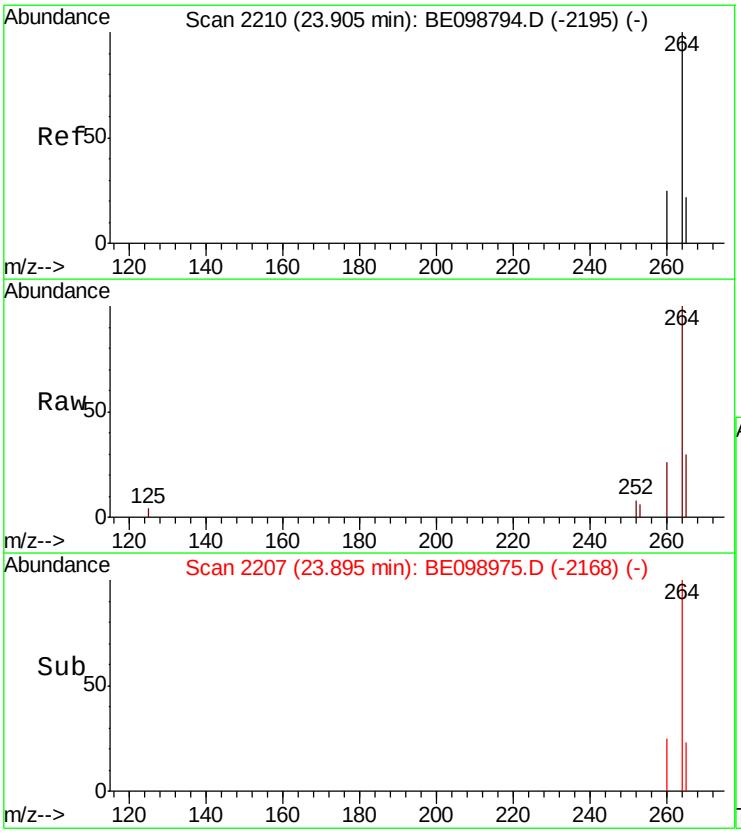
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:276 Resp: 8032

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.8	20.8
277	23.5	19.5	29.3

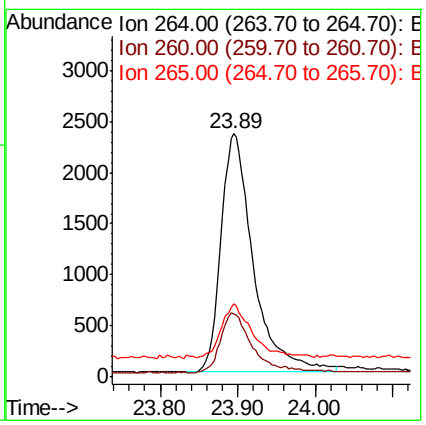


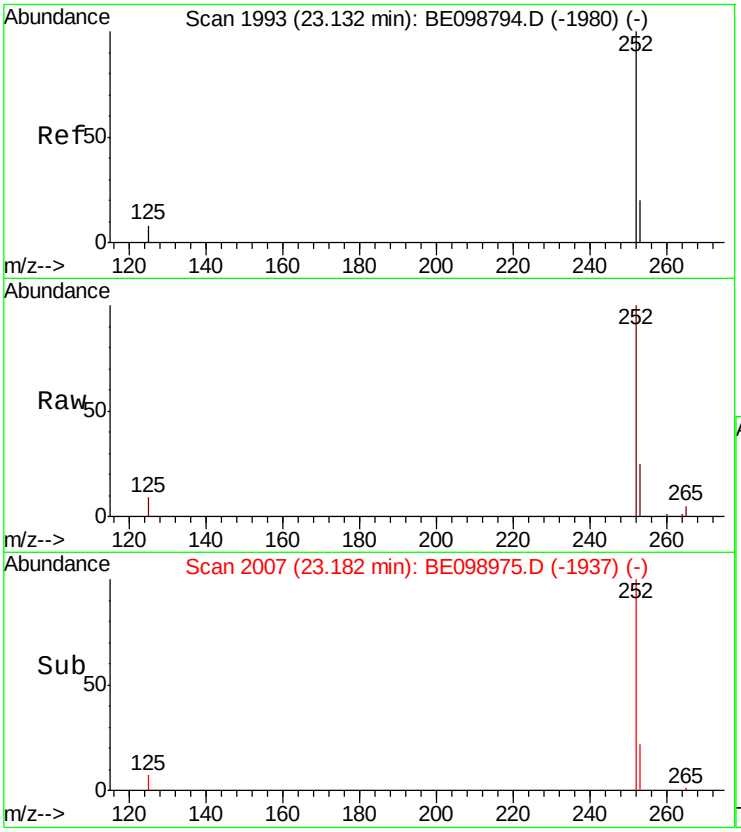


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:264 Resp: 6776

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	30.1	24.6	36.8



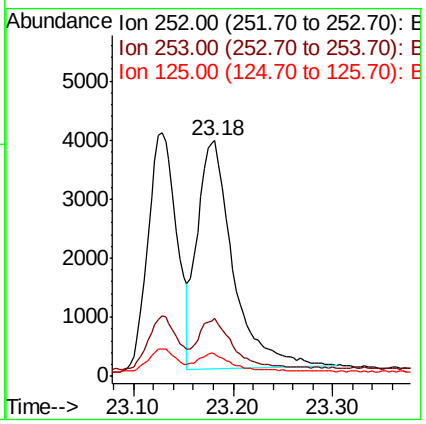


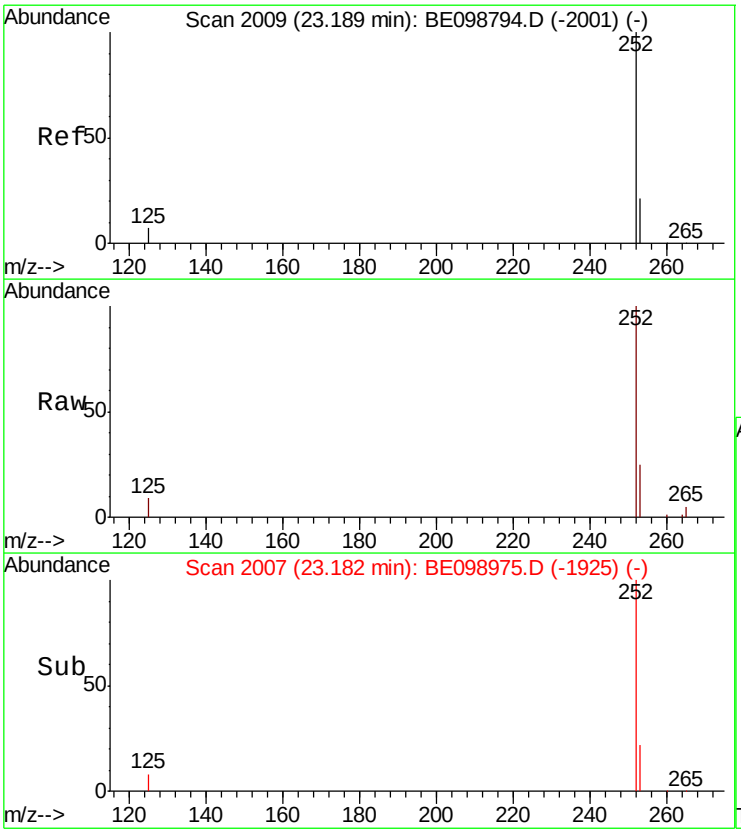
#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:252 Resp: 9691

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	9.3	7.3	10.9

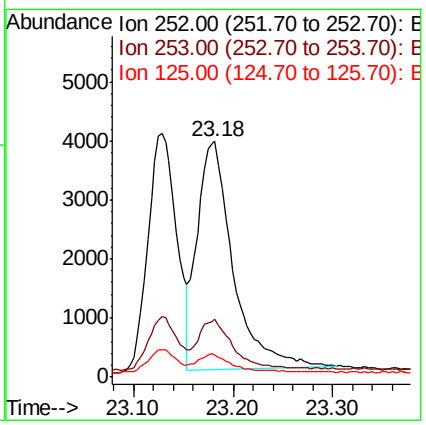


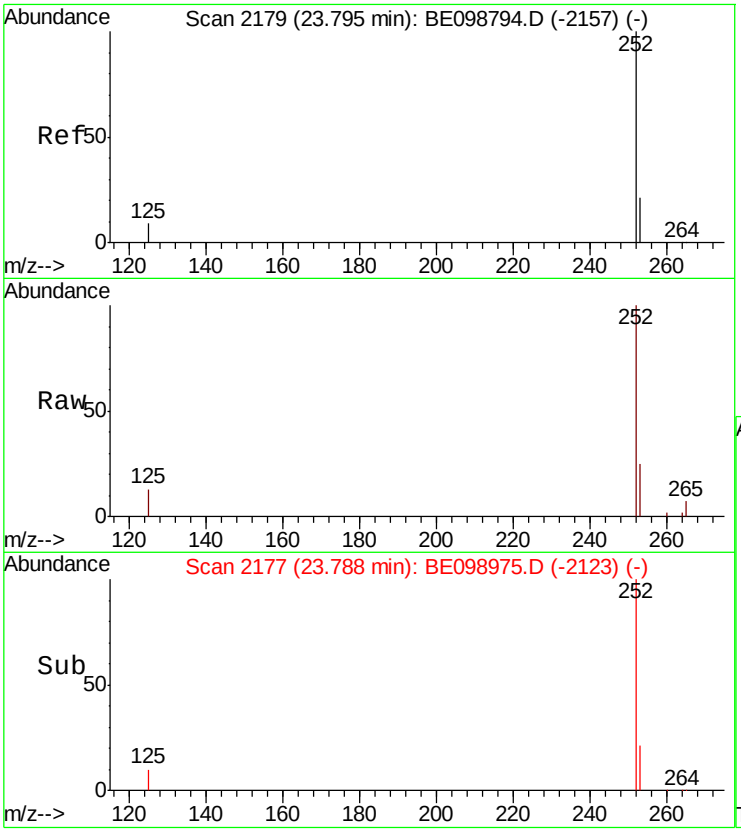


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:252 Resp: 9691

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.3	28.9
125	9.3	7.5	11.3



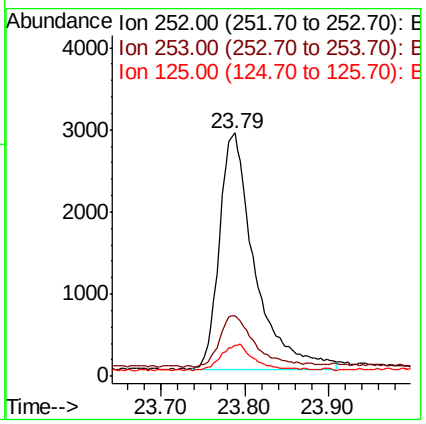


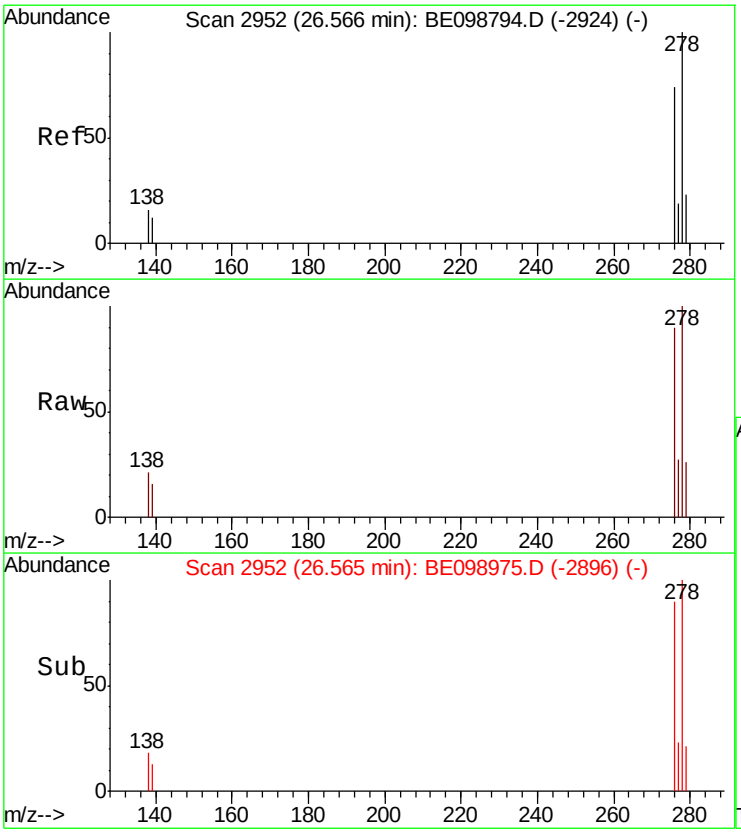
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:252 Resp: 8408

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.9	29.9
125	12.6	9.0	13.4

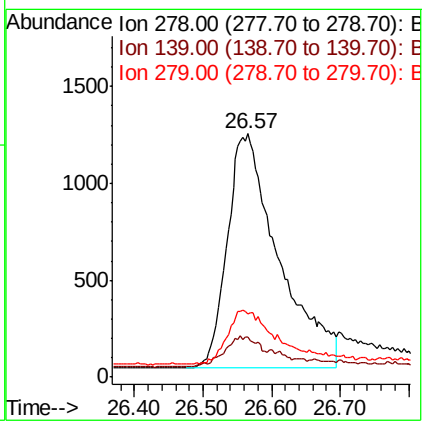


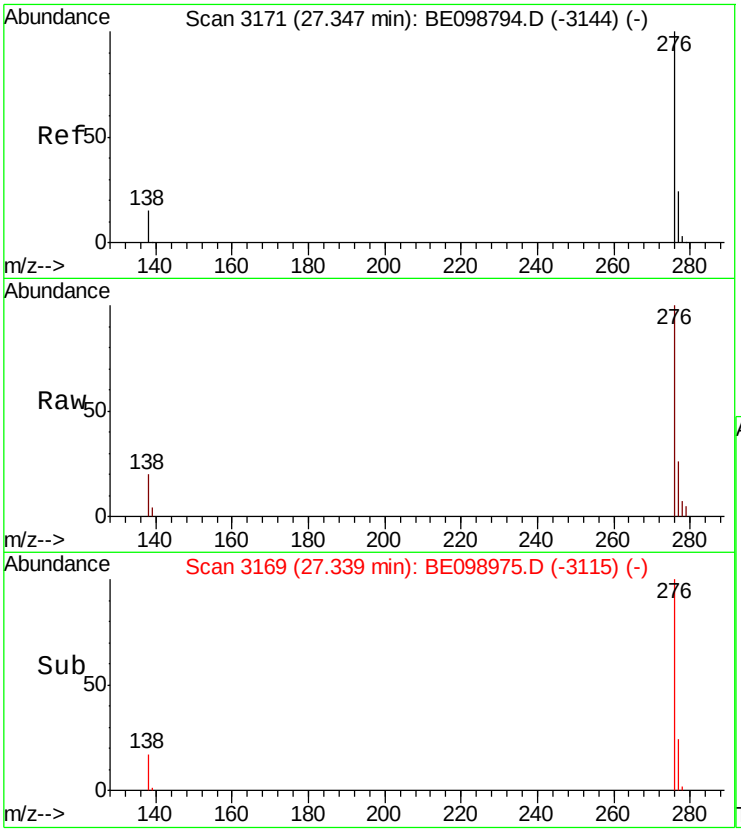


#38
Dibenzo(a,h)anthracene
Concen: 0.310 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.00 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Tgt Ion:278 Resp: 6261

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.8	17.6
279	26.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.333 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098975.D
Acq: 15 Mar 2019 17:22

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190313MSD

Tgt Ion:276 Resp: 7033

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.4	30.6
138	19.8	13.6	20.4