Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098833.D
Acq On : 8 Mar 2019 12:29
Operator : JU/SJ
Sample : K1655-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A0C1-TWPMSD

Quant Time: Mar 08 13:03:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	967	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3960	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2635	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	6517	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	7951	0.40	ng		-0.01
34) Perylene-d12	23.90	264	7747	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	321	0.11	ng		0.01
5) Phenol-d6	6.97	99	342	0.08	ng		-0.01
8) Nitrobenzene-d5	8.95	82	1432	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	2869	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	408	0.31	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4738	0.43	ng		-0.01
25) Fluoranthene-d10	19.24	212	39305	0.38	ng		0.00
29) Terphenyl-d14	19.84	244	10106	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	674	0.348	ng	#	61
3) n-Nitrosodimethylamine	3.63	42	272	0.112	ng	#	14
6) bis(2-Chloroethyl)ether	7.22	93	997	0.316	ng	#	78
9) Naphthalene	10.63	128	16853	0.372	ng		100
10) Hexachlorobutadiene	10.91	225	874	0.291	ng		98
12) 2-Methylnaphthalene	12.27	142	2890	0.393	ng		99
16) Acenaphthylene	14.17	152	4444	0.328	ng		97
17) Acenaphthene	14.51	154	2691	0.335	ng		99
18) Fluorene	15.50	166	3900	0.336	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	1349	0.382	ng		89
21) Hexachlorobenzene	16.52	284	1363	0.325	ng		98
22) Pentachlorophenol	16.88	266	741	0.783	ng	#	80
23) Phenanthrene	17.25	178	7079	0.382	ng		96
24) Anthracene	17.35	178	5897	0.372	ng		98
26) Fluoranthene	19.27	202	8906	0.341	ng		99
28) Pyrene	19.63	202	9245	0.380	ng		99
30) Benzo(a)anthracene	21.38	228	8847	0.357	ng		99
31) Chrysene	21.43	228	9170	0.345	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	18811	0.356	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	8217	0.293	ng		99
35) Benzo(b)fluoranthene	23.18	252	9119	0.358	ng		98
36) Benzo(k)fluoranthene	23.18	252	9119	0.342	ng		100
37) Benzo(a)pyrene	23.78	252	7710	0.316	ng		97
38) Dibenzo(a,h)anthracene	26.56	278	6744	0.292	ng		98
39) Benzo(g,h,i)perylene	27.34	276	6719	0.278	ng		98

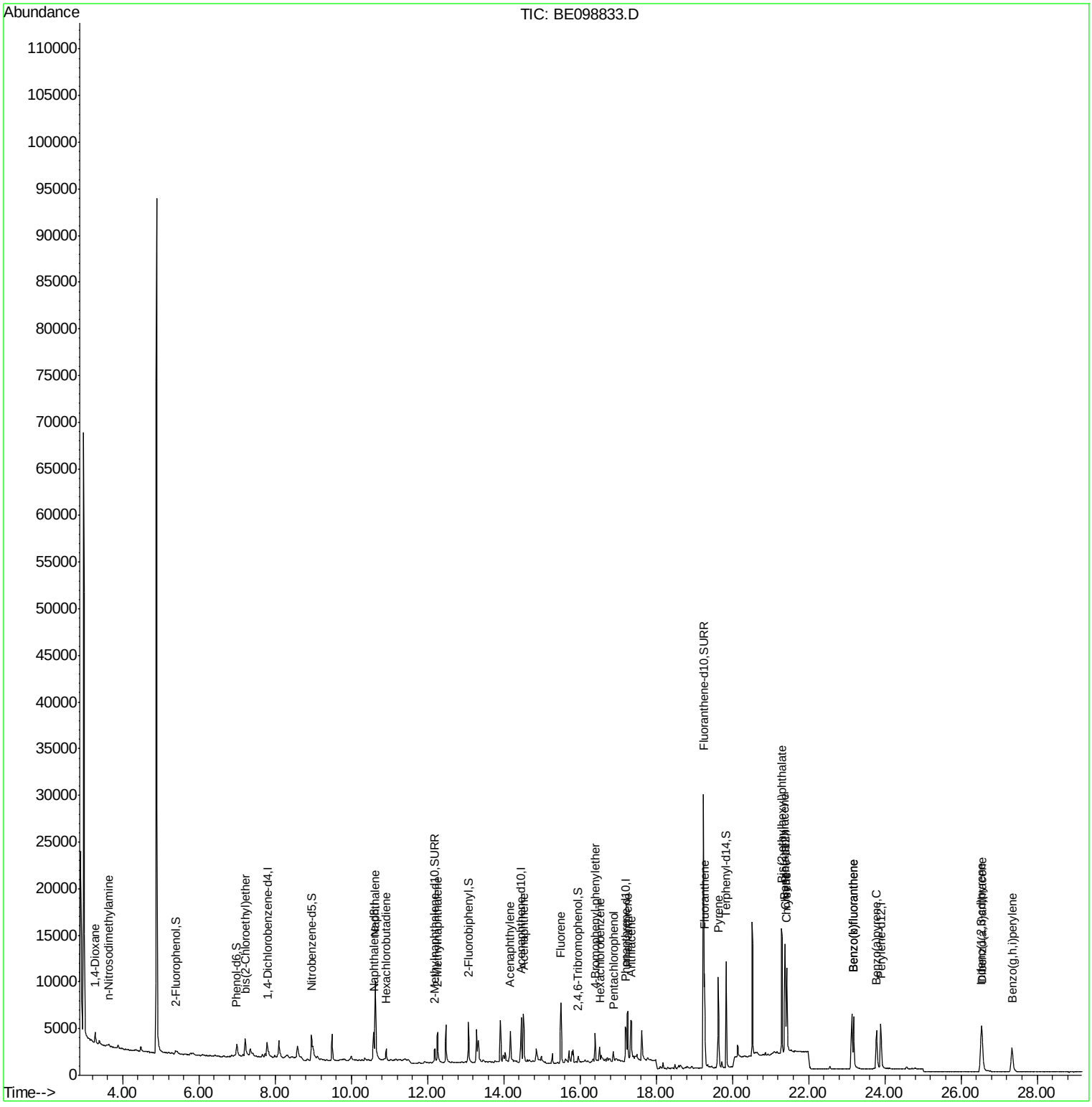
(#) = qualifier out of range (m) = manual integration (+) = signals summed

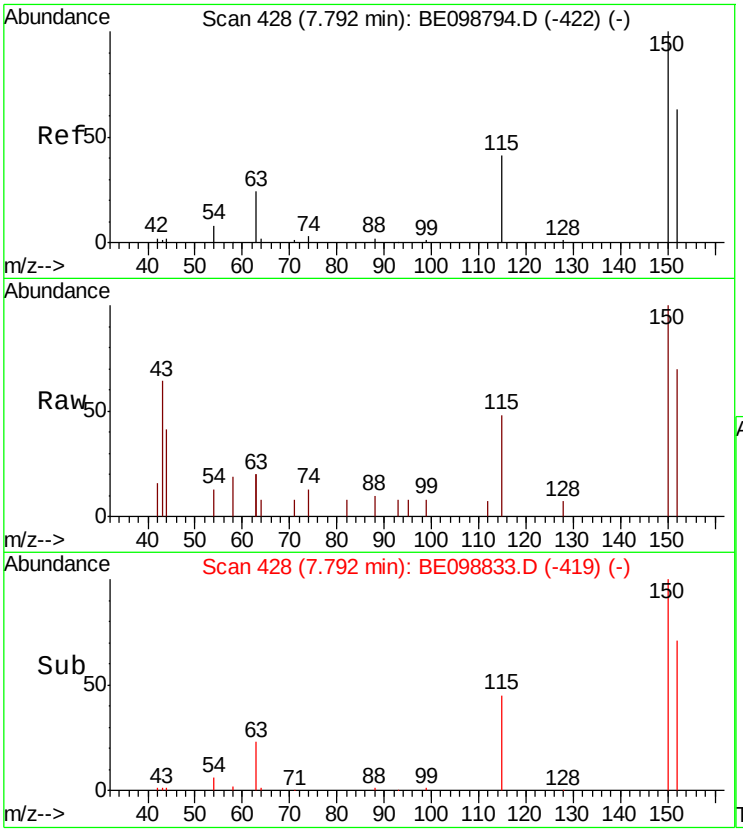
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098833.D
Acq On : 8 Mar 2019 12:29
Operator : JU/SJ
Sample : K1655-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Quant Time: Mar 08 13:03:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



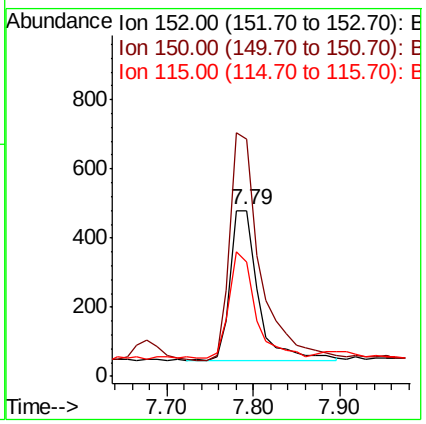


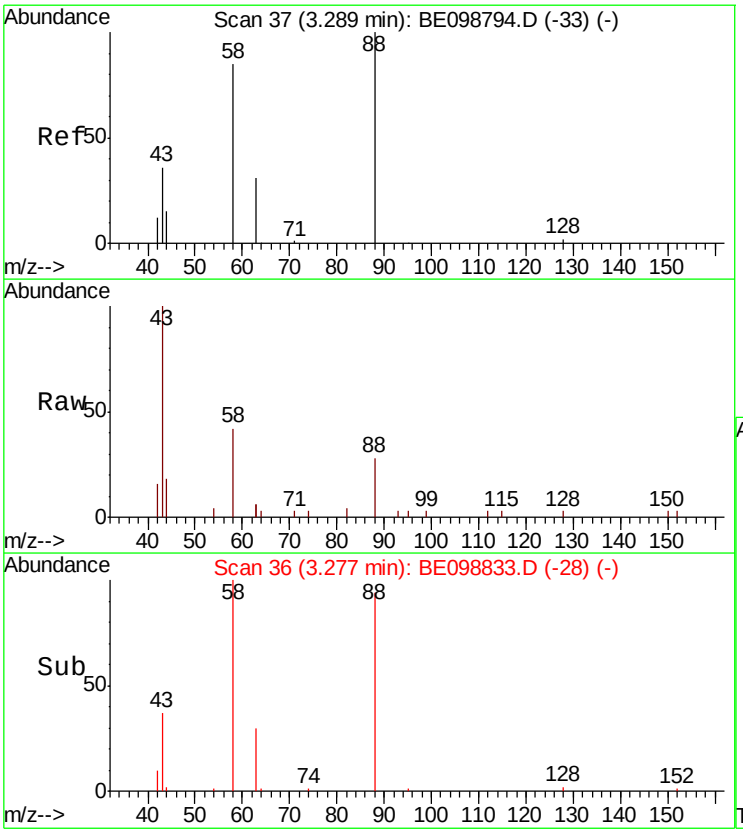
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:152 Resp: 967

Ion	Ratio	Lower	Upper
152	100		
150	143.6	122.5	183.7
115	68.7	57.4	86.2

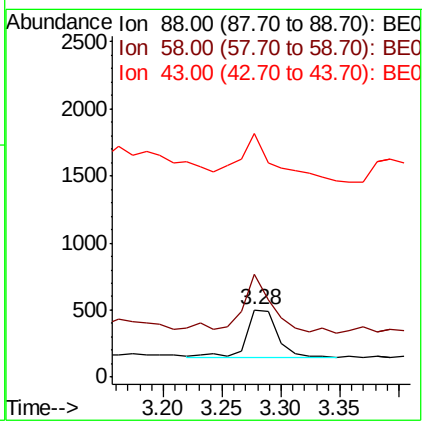


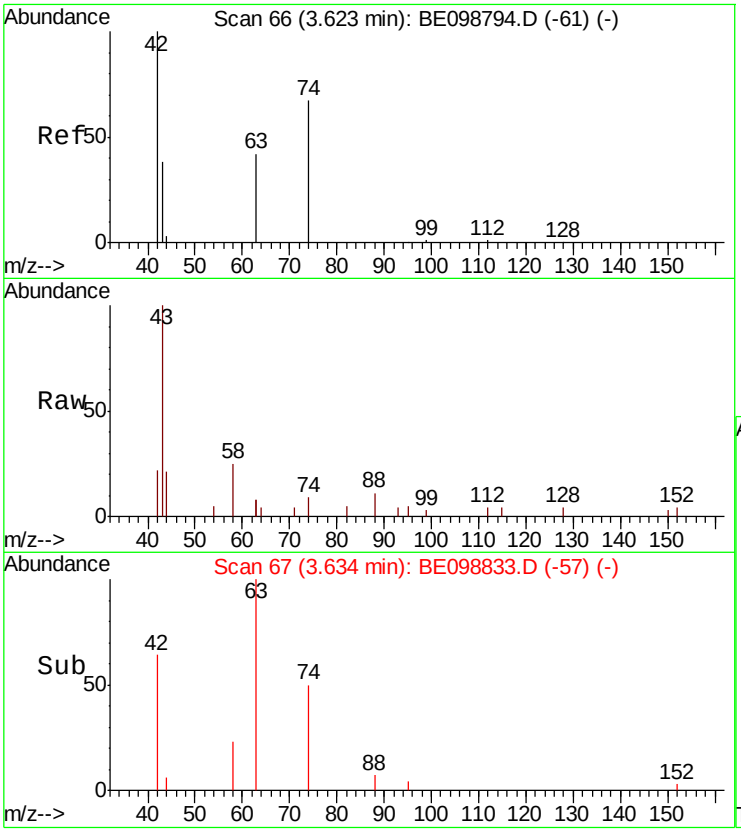


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion: 88 Resp: 674

Ion	Ratio	Lower	Upper
88	100		
58	111.3	75.8	113.6
43	107.7	41.8	62.8#



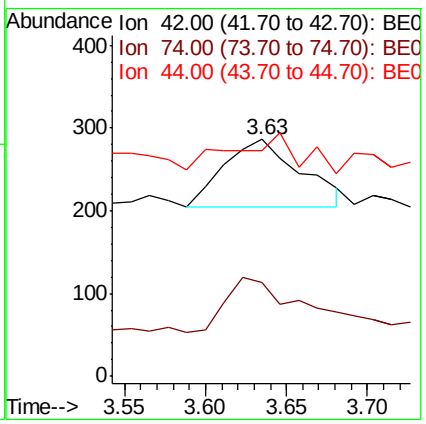


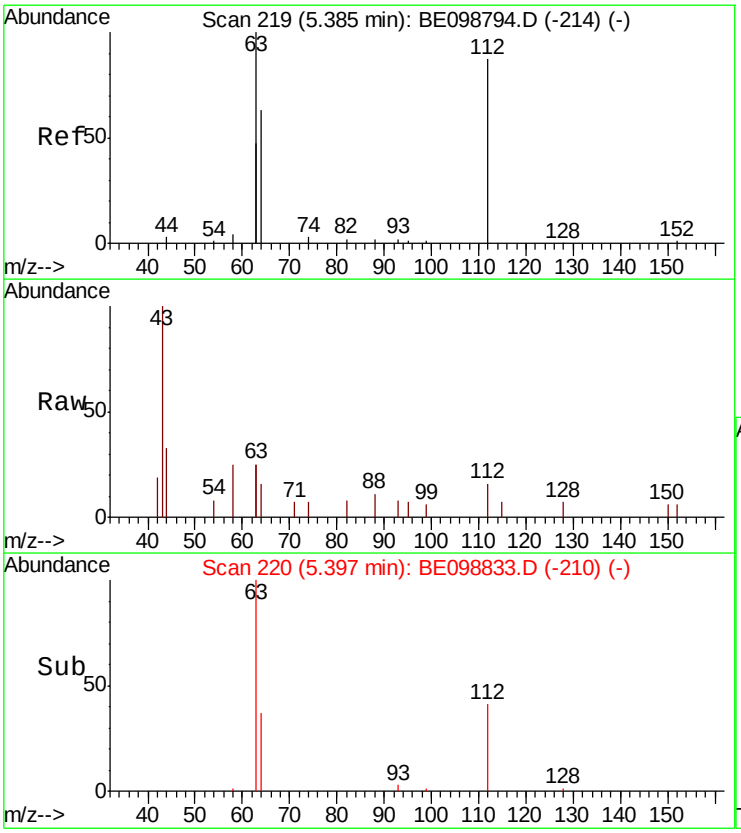
#3
n-Nitrosodimethylamine
Concen: 0.112 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion: 42 Resp: 272

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	50.7	0.0	0.0#

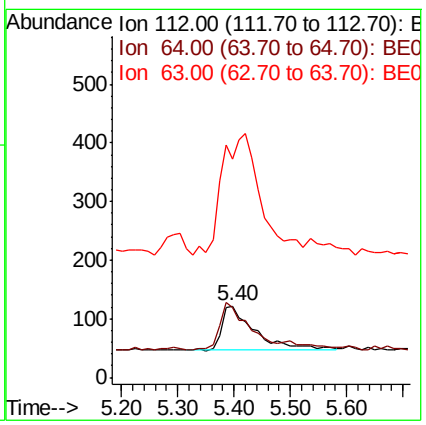


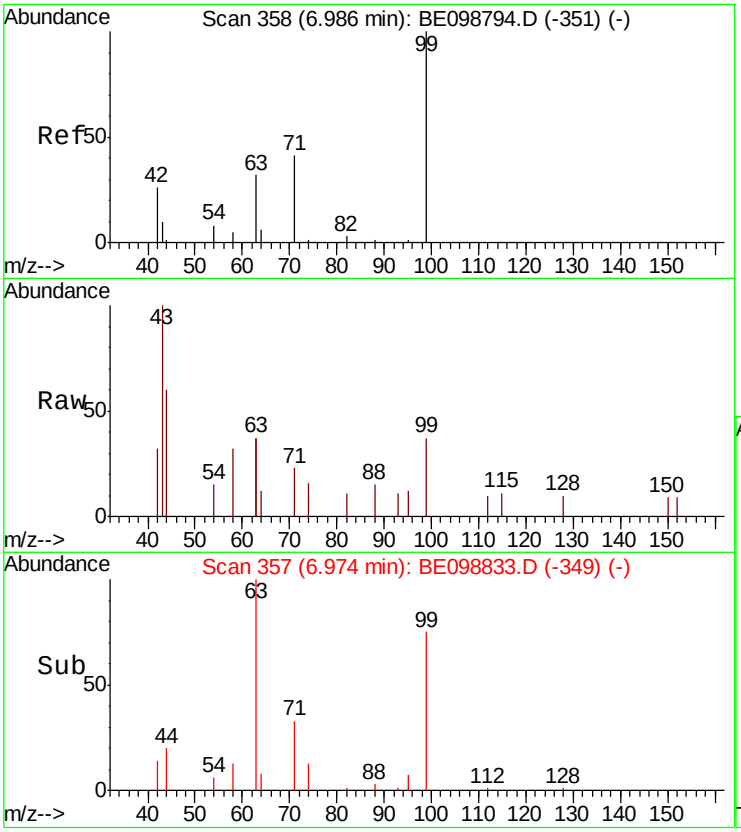


#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:112 Resp: 321

Ion	Ratio	Lower	Upper
112	100		
64	89.1	57.9	86.9#
63	0.0	158.3	237.5#



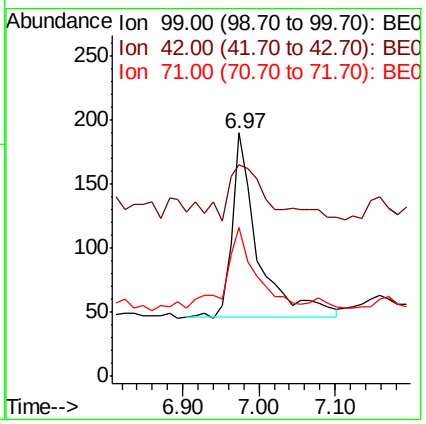


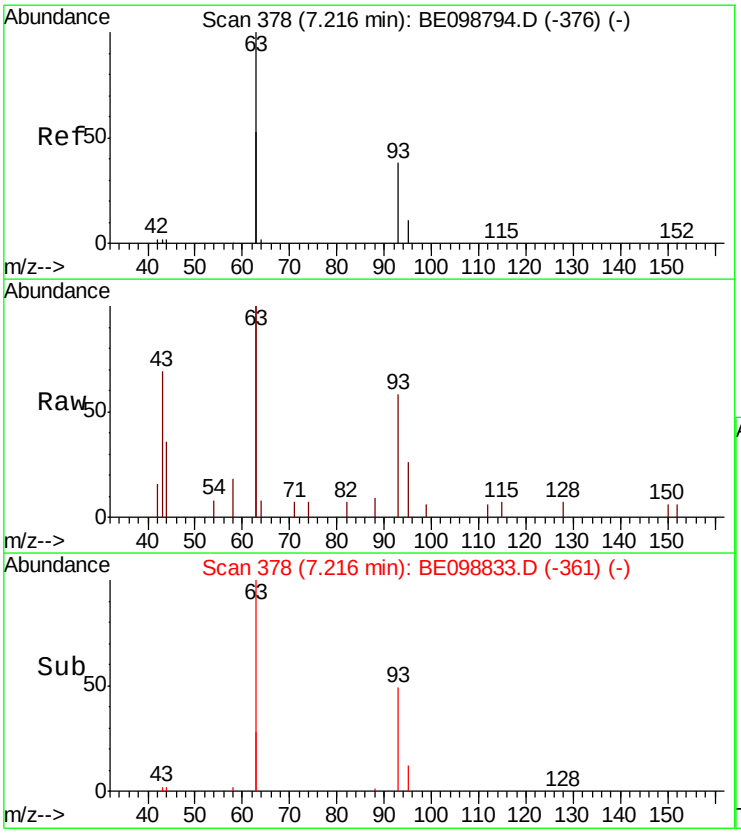
#5
Phenol-d6
Concen: 0.084 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion: 99 Resp: 342

Ion	Ratio	Lower	Upper
99	100		
42	30.1	24.2	36.2
71	50.3	35.7	53.5

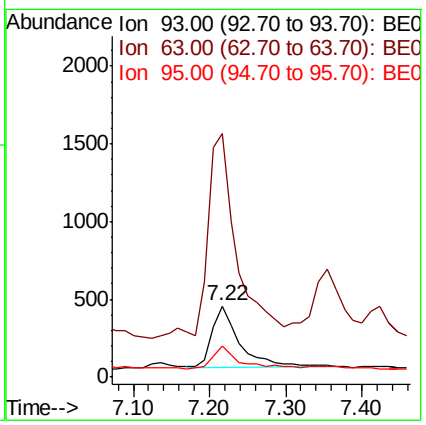


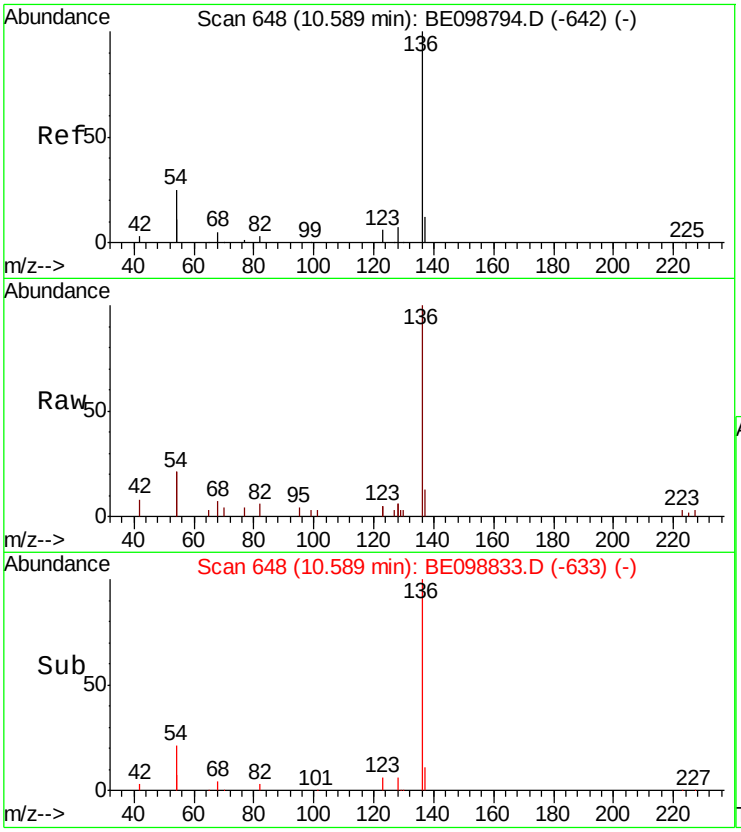


#6
bis(2-Chloroethyl)ether
Concen: 0.316 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion: 93 Resp: 997

Ion	Ratio	Lower	Upper
93	100		
63	354.6	247.5	371.3
95	34.8	21.8	32.8#



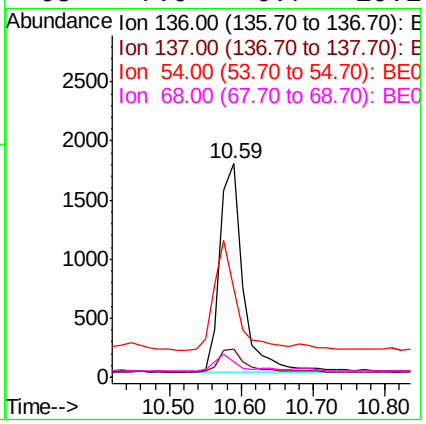


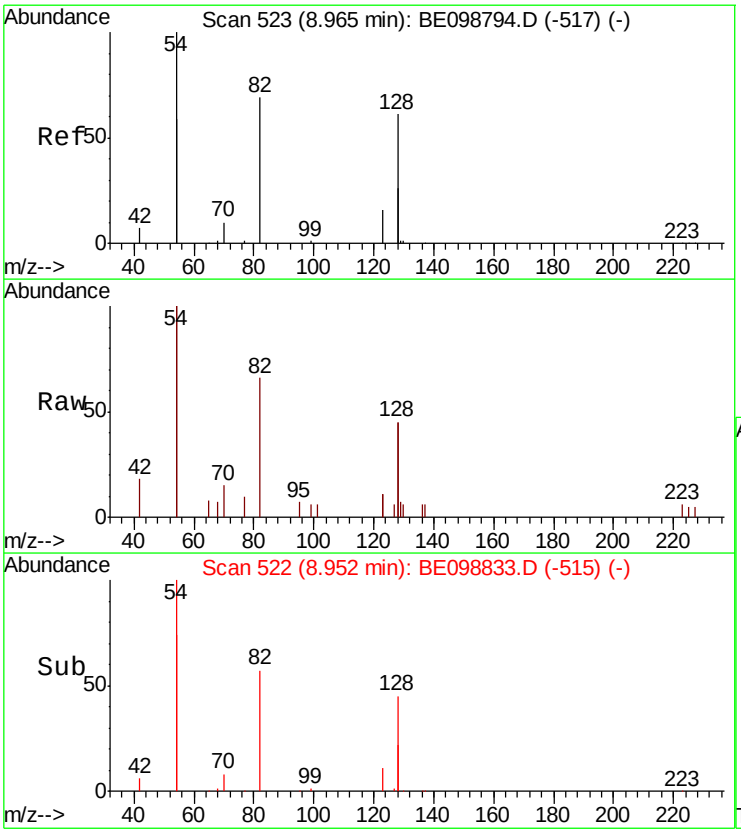
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:136 Resp: 3960

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.4	17.0
54	41.5	39.3	58.9
68	7.0	6.7	10.1

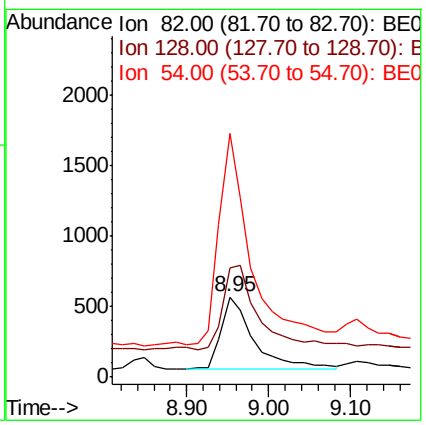


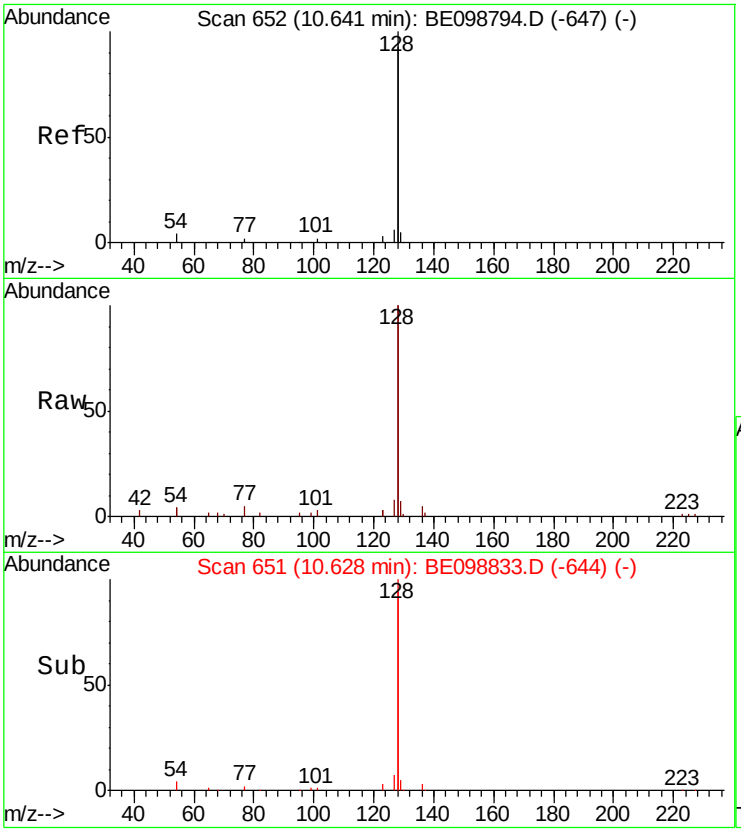


#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion: 82 Resp: 1432

Ion	Ratio	Lower	Upper
82	100		
128	136.6	123.8	185.8
54	304.6	203.4	305.2



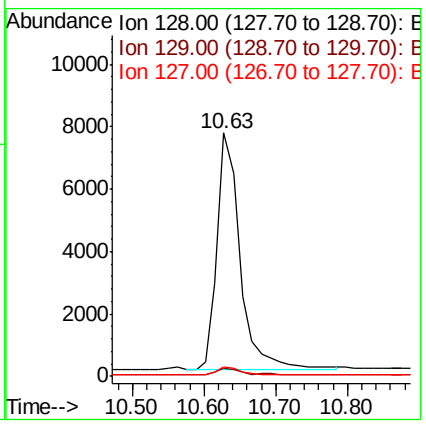


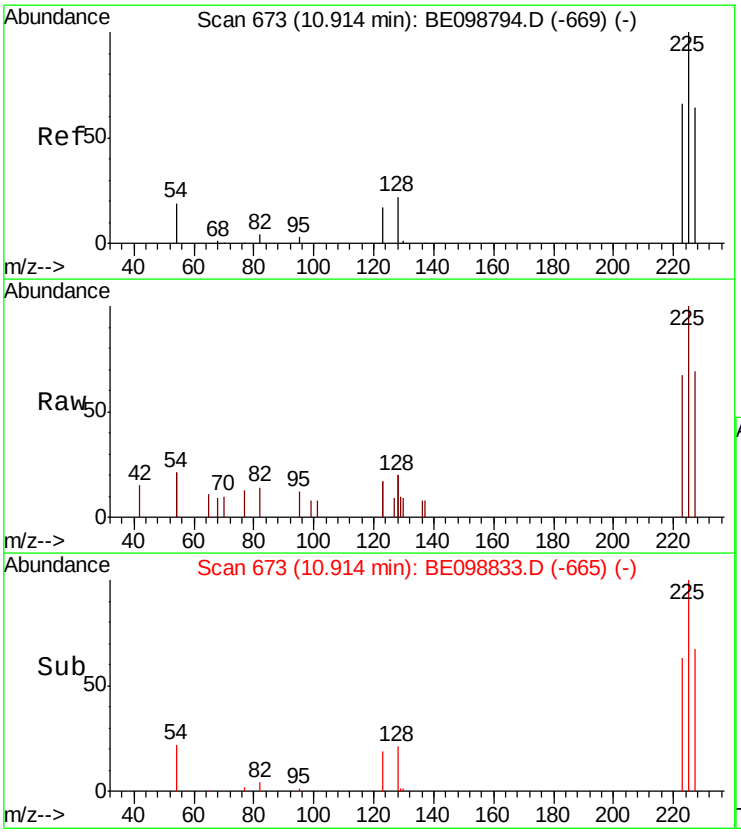
#9
Naphthalene
Concen: 0.372 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:128 Resp: 16853

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	4.1	3.1	4.7

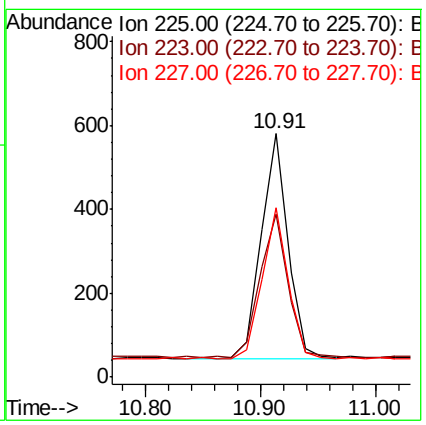


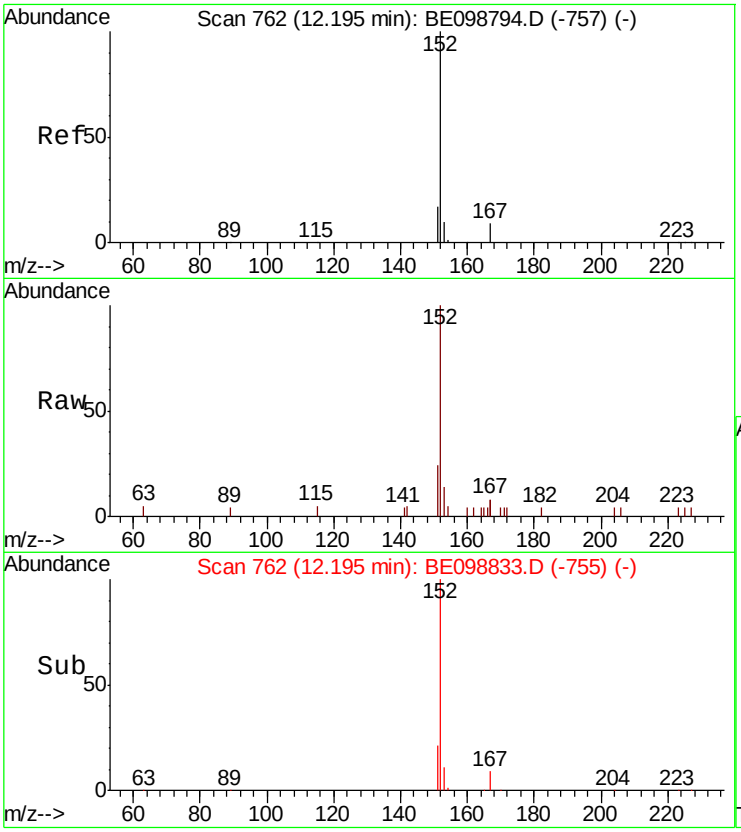


#10
Hexachlorobutadiene
Concen: 0.291 ng
RT: 10.91 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:225 Resp: 874

Ion	Ratio	Lower	Upper
225	100		
223	66.9	51.1	76.7
227	65.3	51.6	77.4



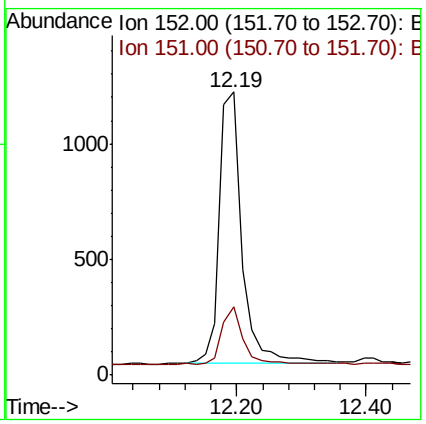


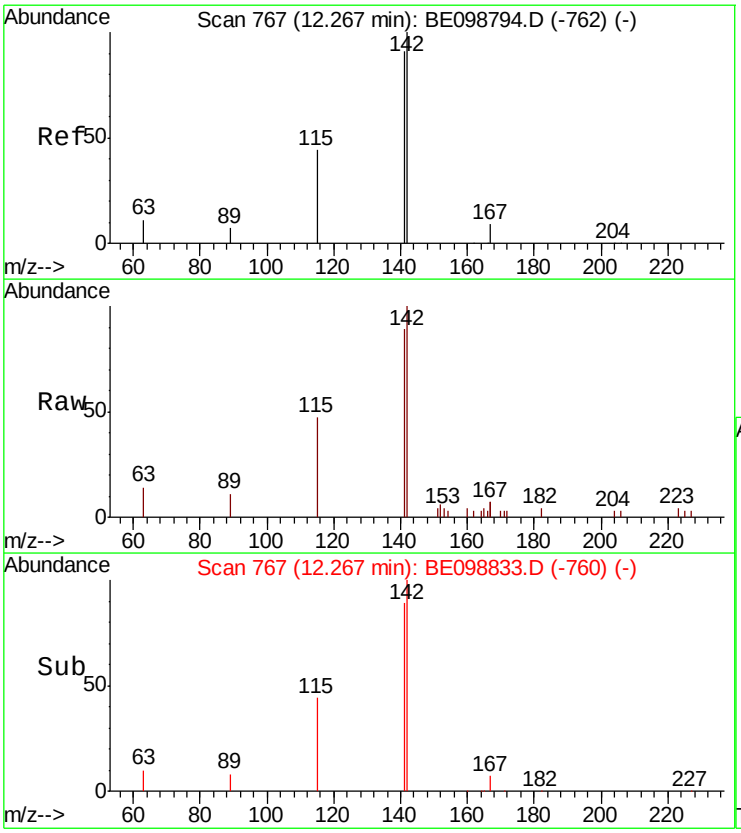
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:152 Resp: 2869

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7

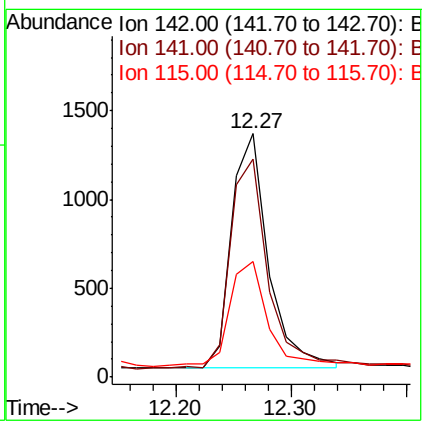


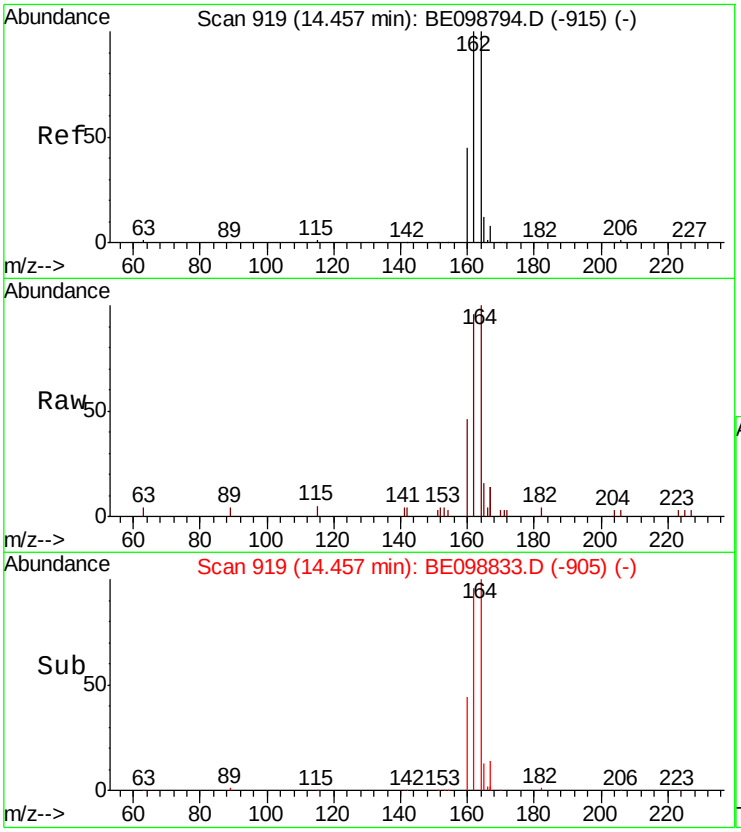


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:142 Resp: 2890

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8
115	47.3	37.4	56.2



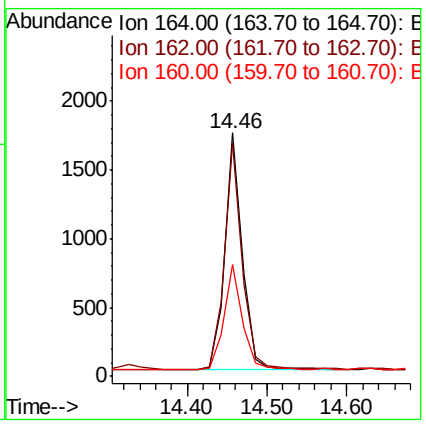


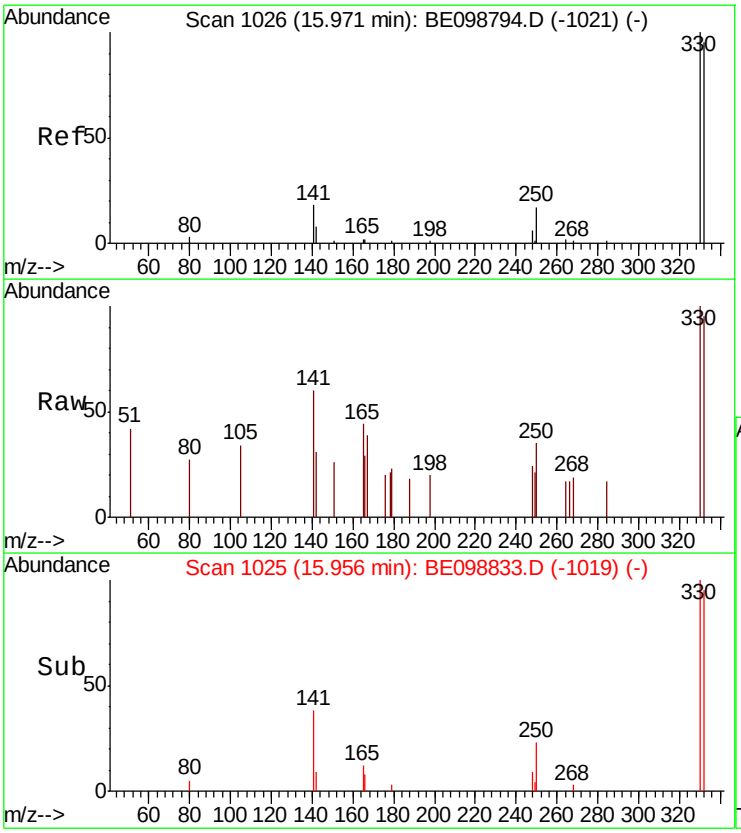
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:164 Resp: 2635

Ion	Ratio	Lower	Upper
164	100		
162	96.0	80.2	120.2
160	45.7	37.8	56.8

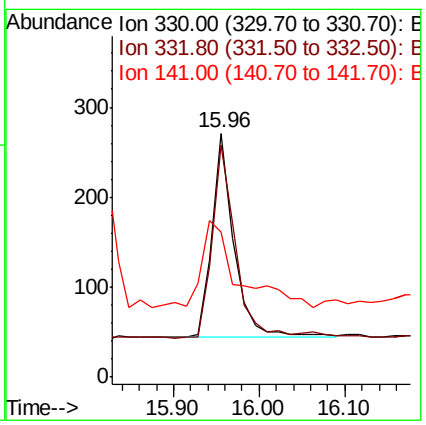


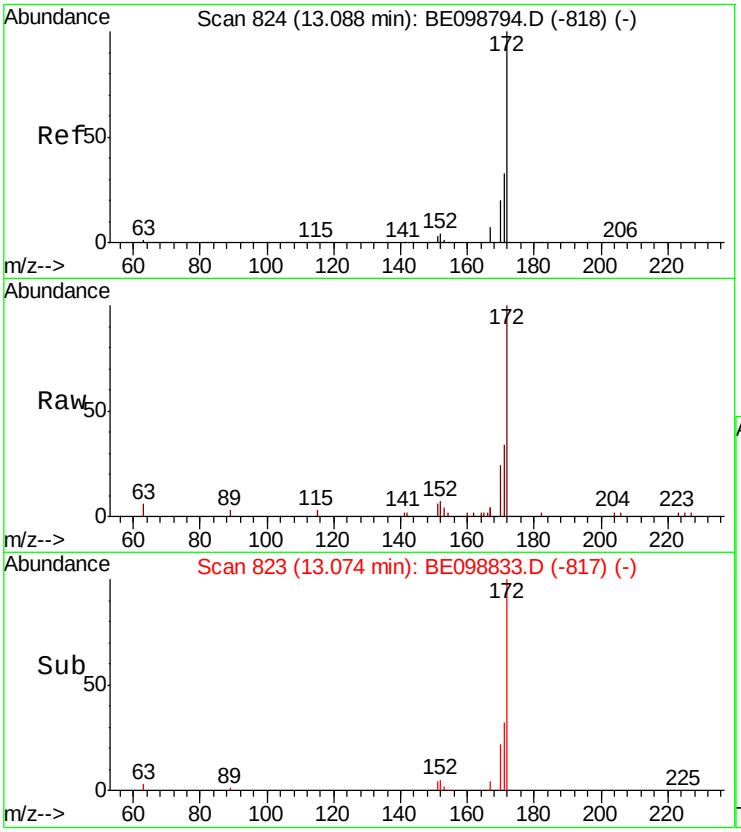


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:330 Resp: 408

Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.6	116.4
141	66.7	31.0	46.4#



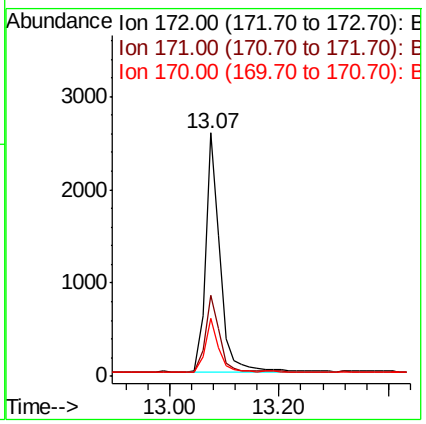


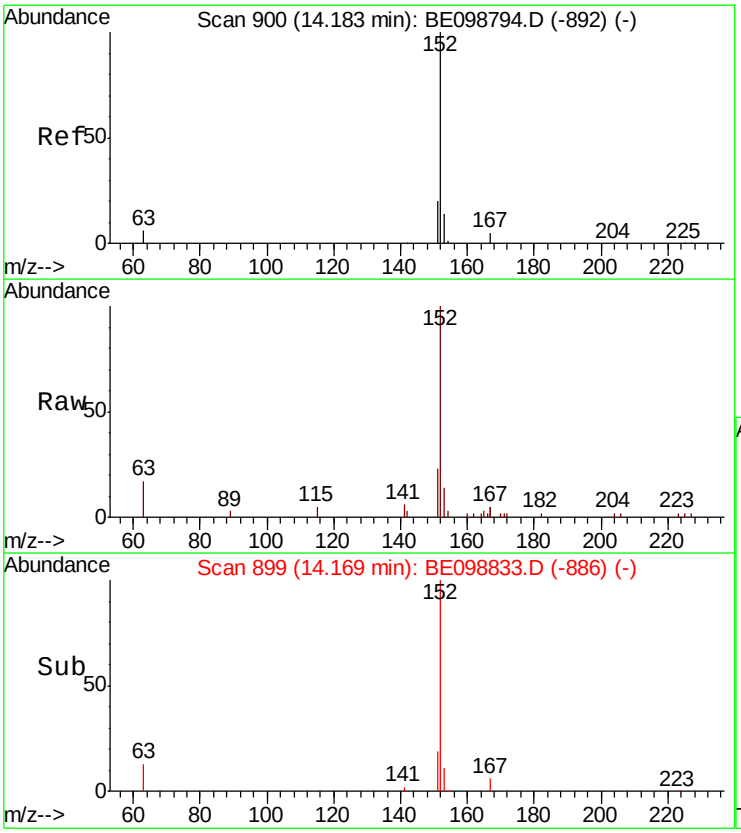
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:172 Resp: 4738

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.0	42.0
170	23.8	17.7	26.5

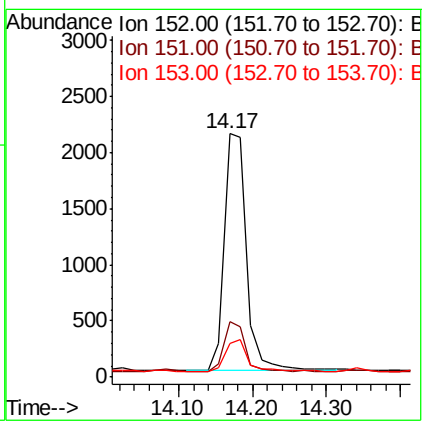


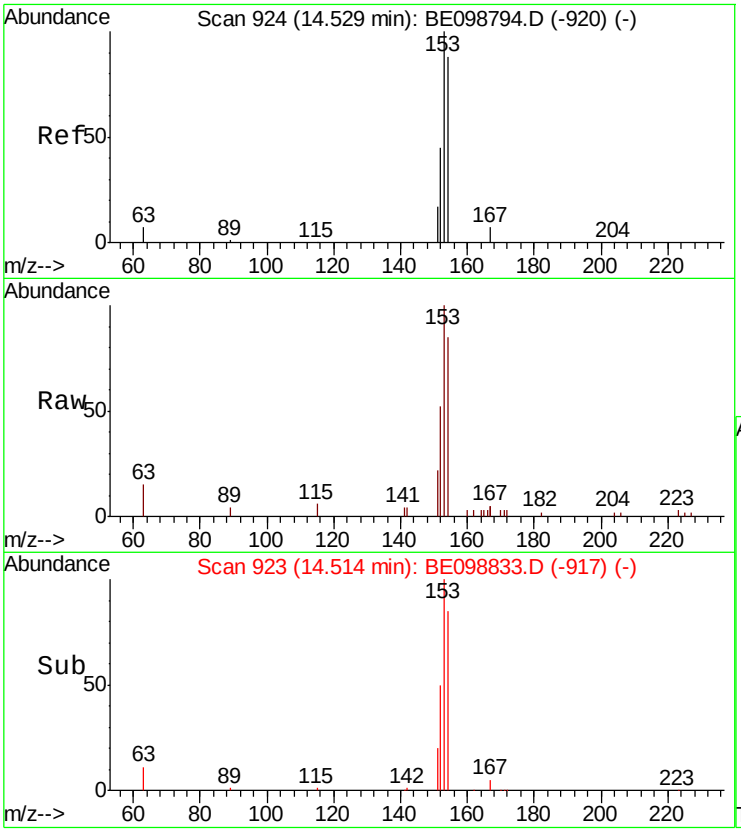


#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:152 Resp: 4444

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.0	25.6
153	13.3	11.2	16.8



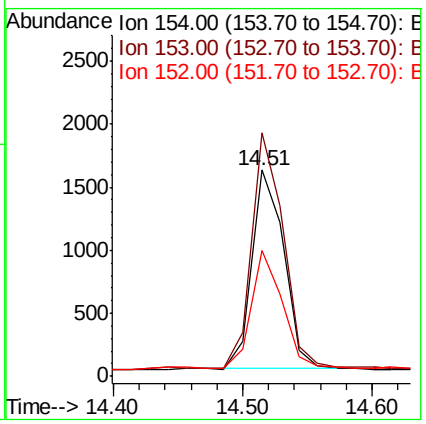


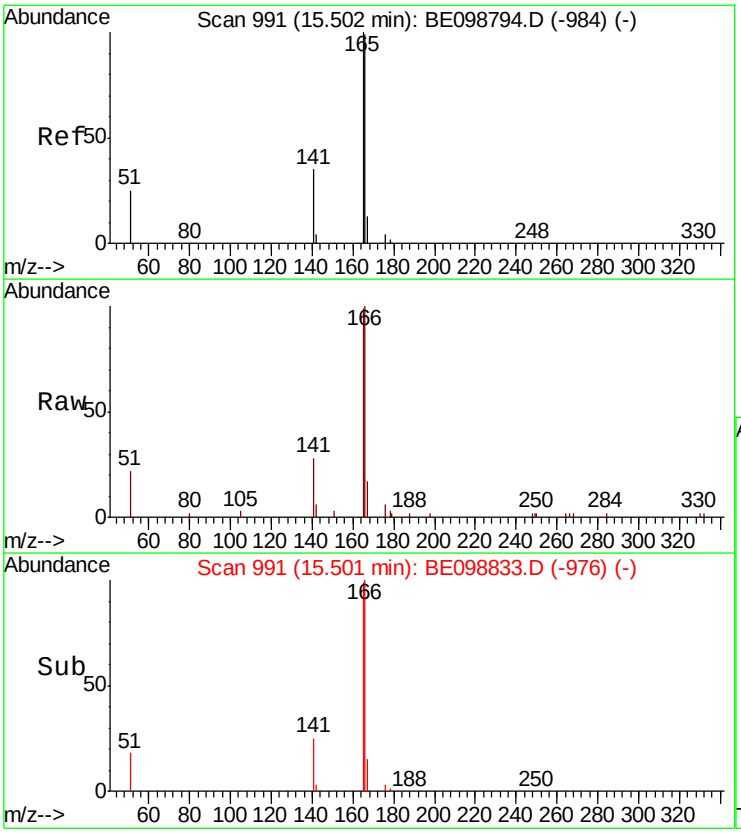
#17
Acenaphthene
Concen: 0.335 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:154 Resp: 2691

Ion	Ratio	Lower	Upper
154	100		
153	117.9	94.2	141.4
152	57.5	45.0	67.4

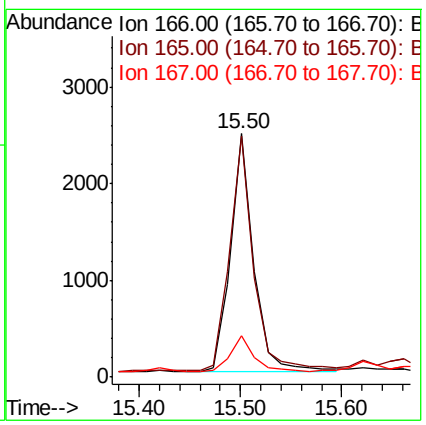


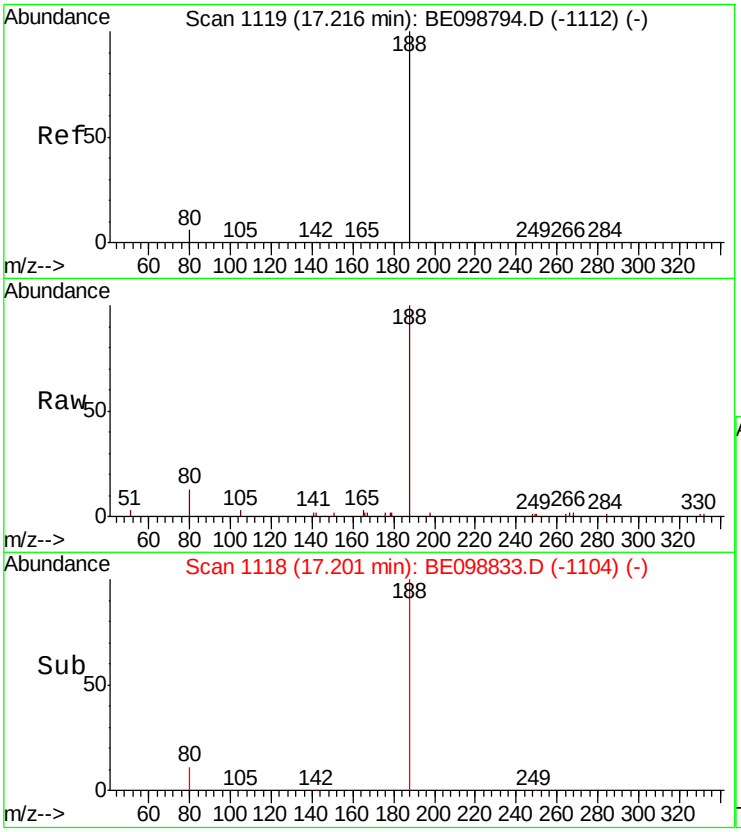


#18
Fluorene
Concen: 0.336 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:166 Resp: 3900

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.3	118.9
167	15.5	10.5	15.7



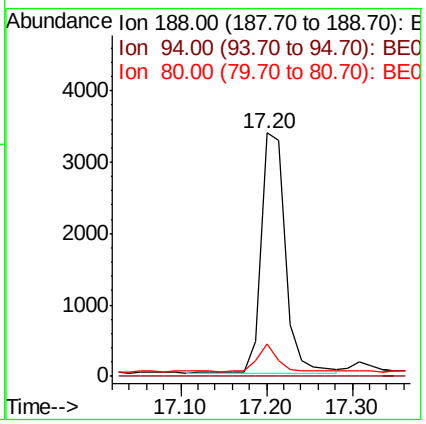


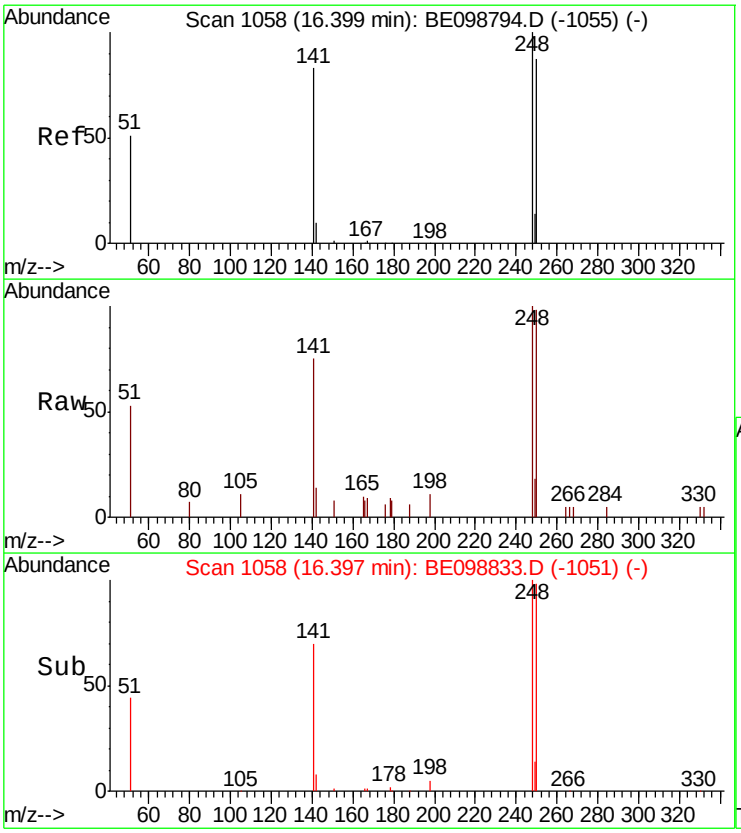
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:188 Resp: 6517

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	6.3	9.5#

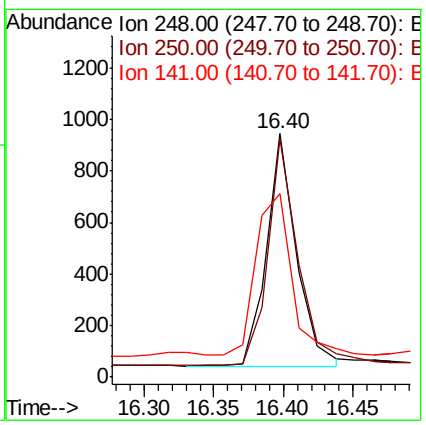


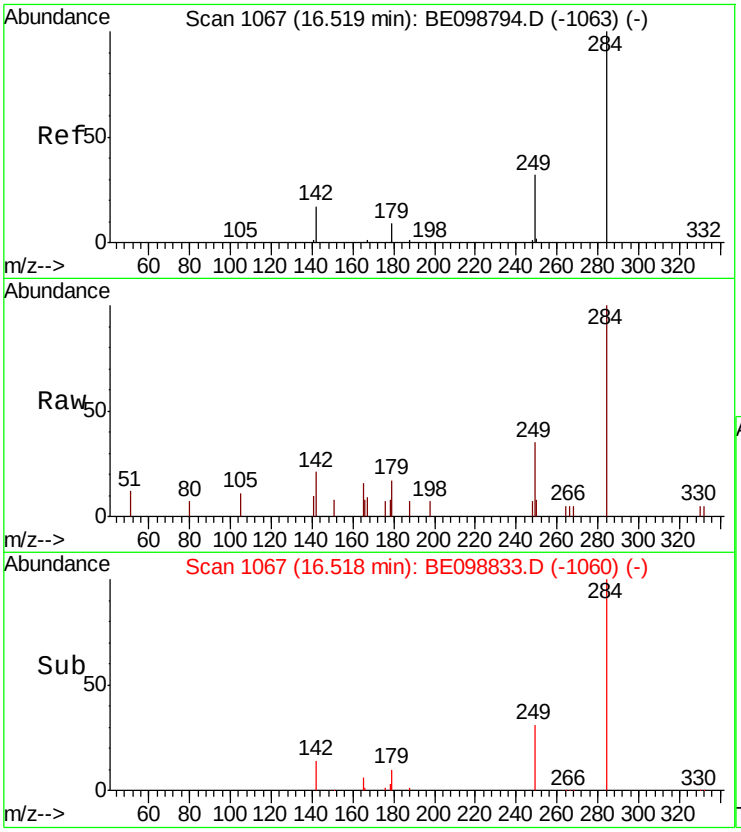


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:248 Resp: 1349

Ion	Ratio	Lower	Upper
248	100		
250	98.0	70.6	105.8
141	75.4	68.6	102.8



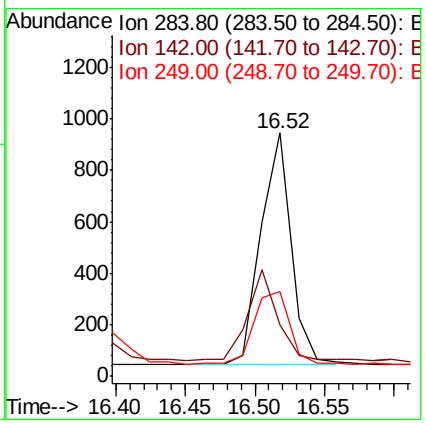


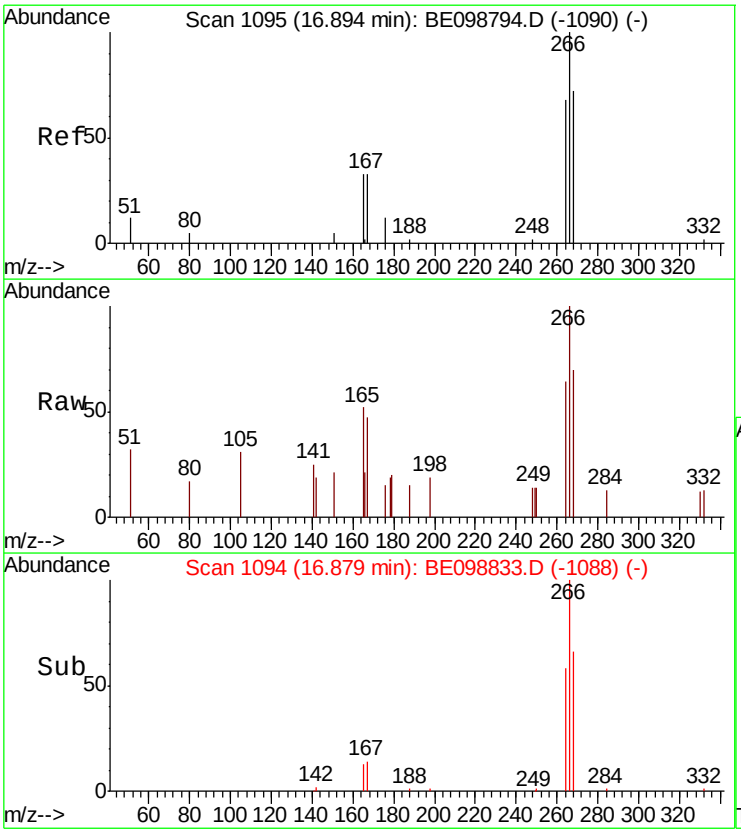
#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:284 Resp: 1363

Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.7	43.1
249	36.5	29.6	44.4

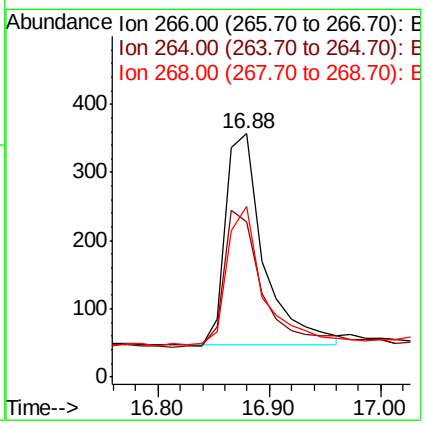


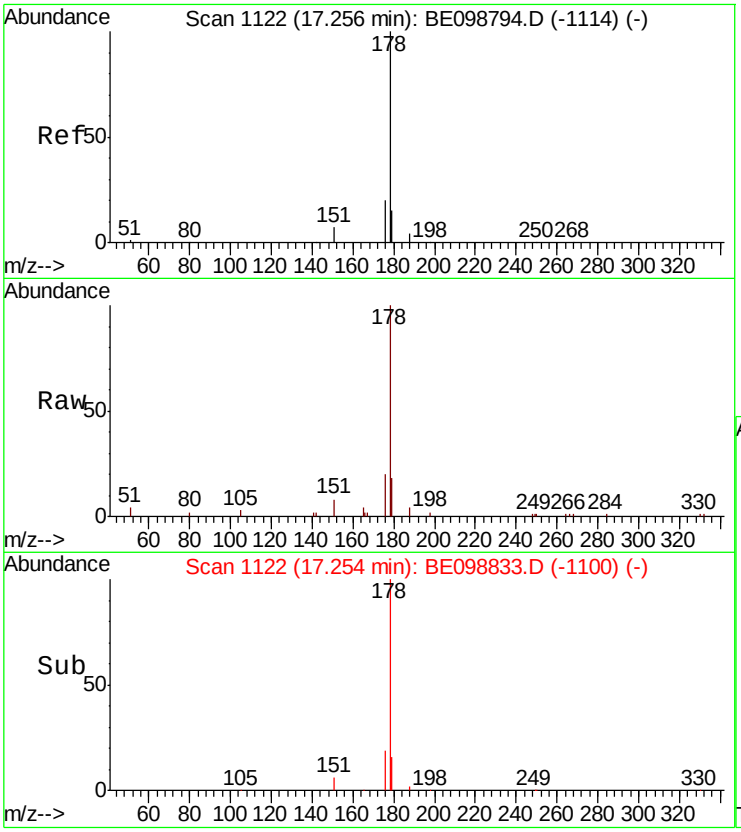


#22
Pentachlorophenol
Concen: 0.783 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:266 Resp: 741

Ion	Ratio	Lower	Upper
266	100		
264	63.6	66.6	100.0#
268	70.0	69.8	104.8



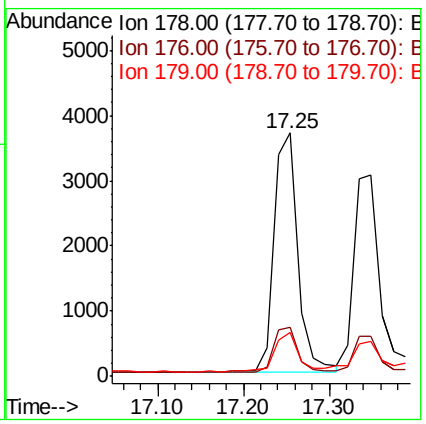


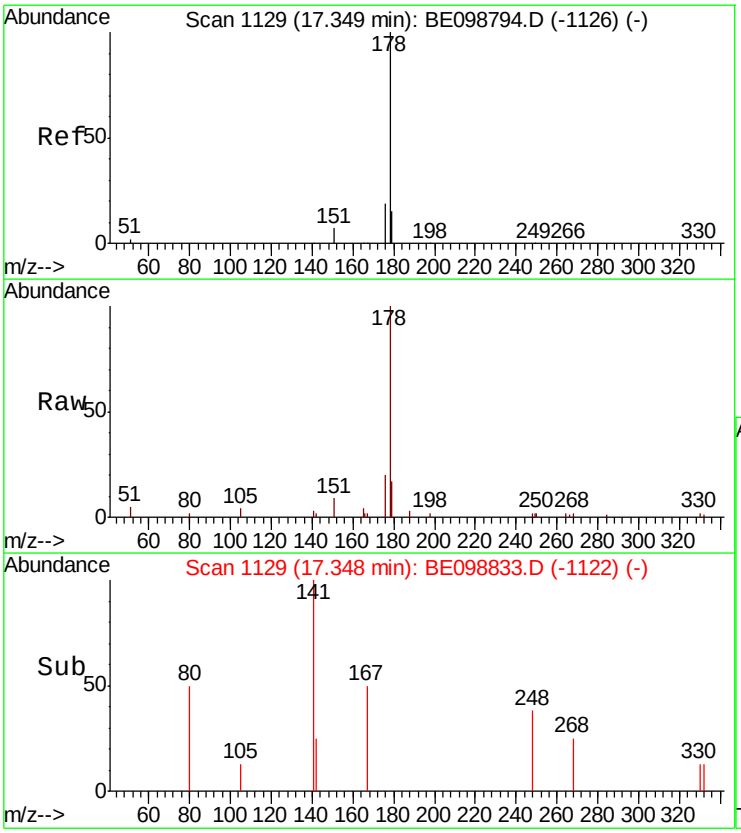
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:178 Resp: 7079

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	17.0	12.1	18.1

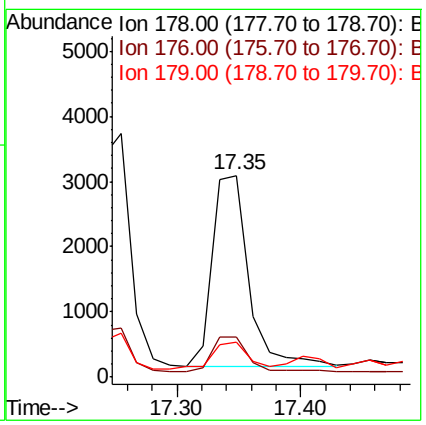


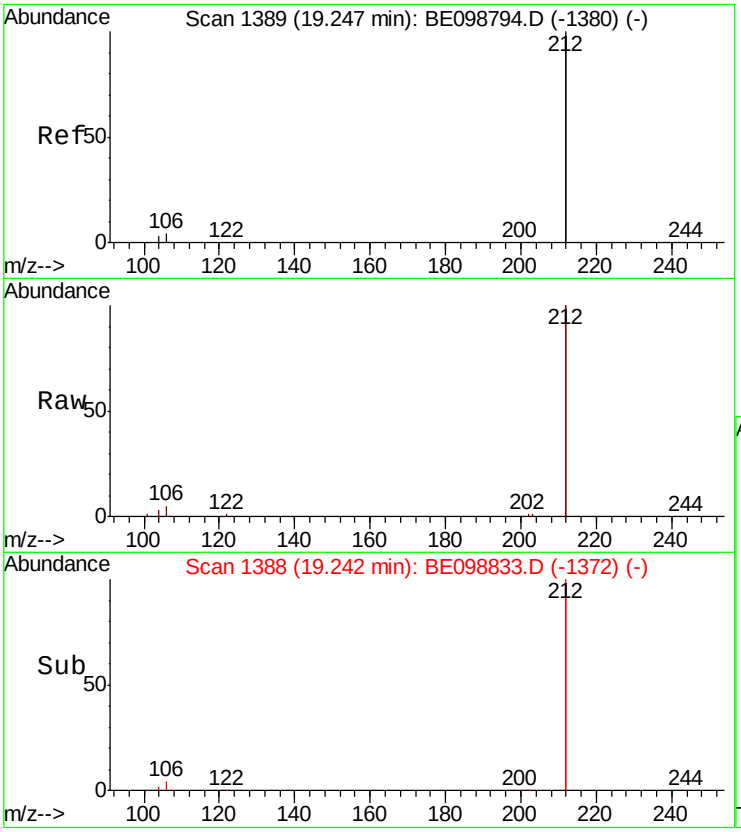


#24
Anthracene
Concen: 0.372 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:178 Resp: 5897

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	13.3	12.2	18.4



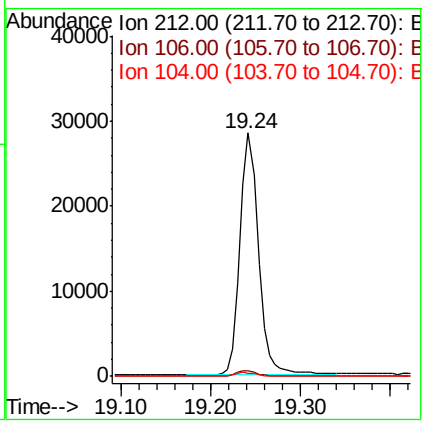


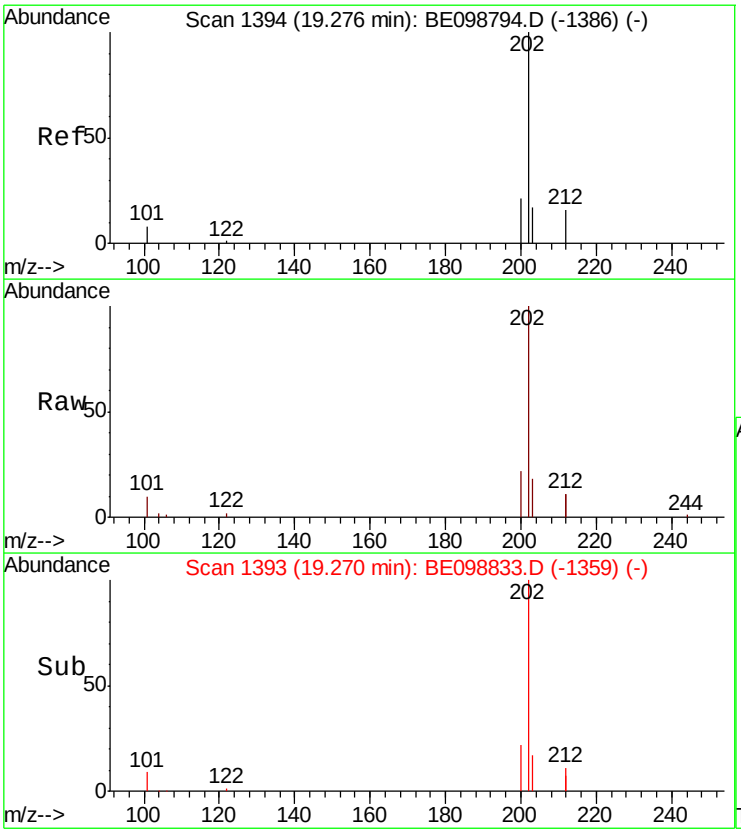
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:212 Resp: 39305

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

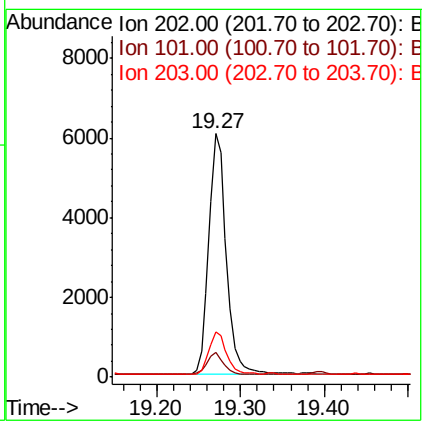


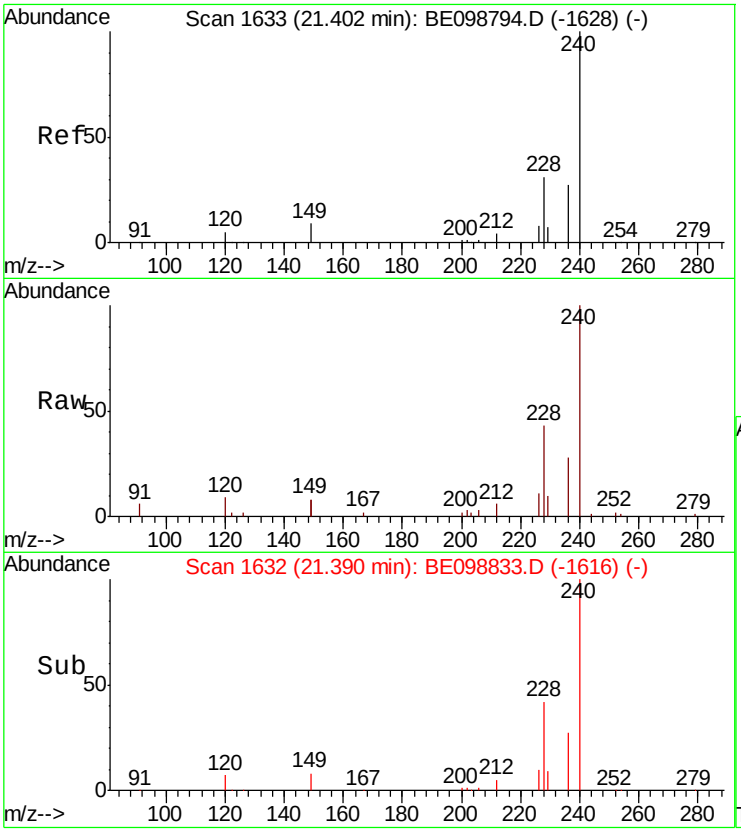


#26
Fluoranthene
Concen: 0.341 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:202 Resp: 8906

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	16.5	13.4	20.2



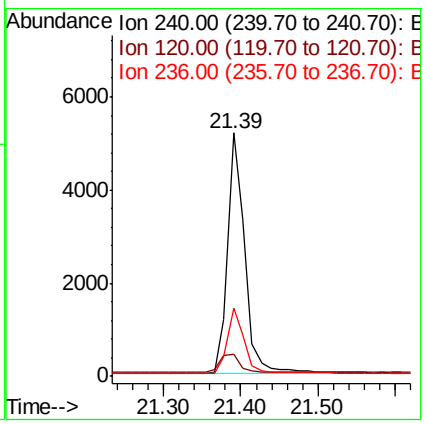


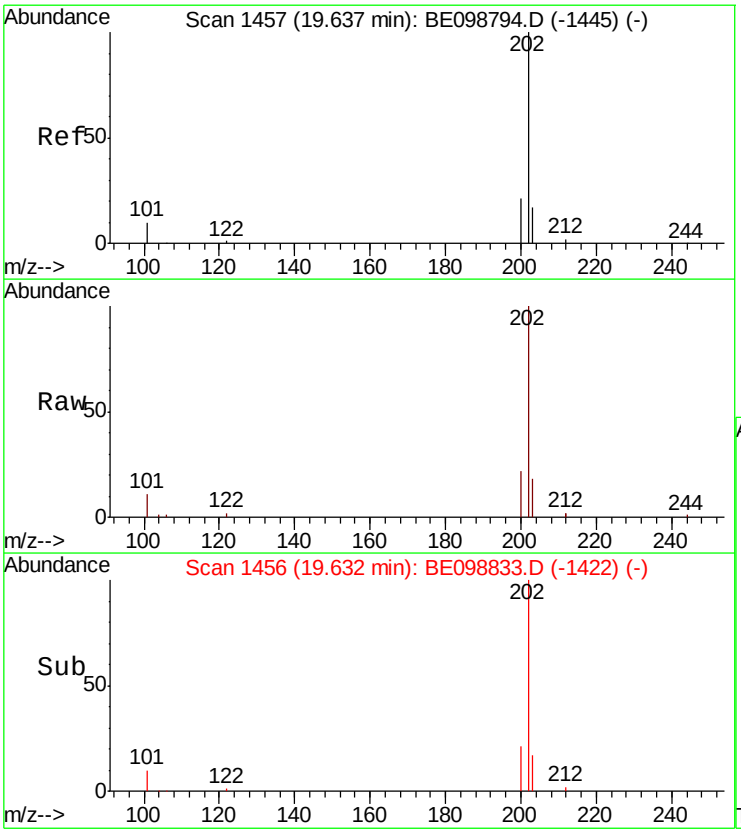
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:240 Resp: 7951

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.0	7.4#
236	27.9	22.7	34.1

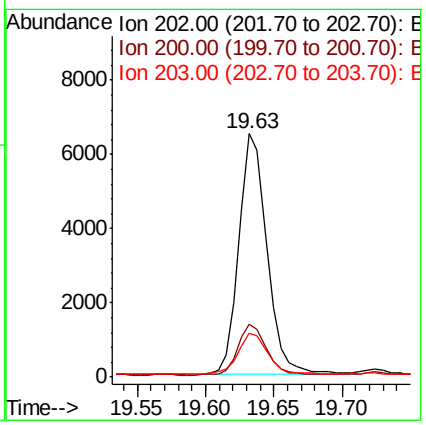


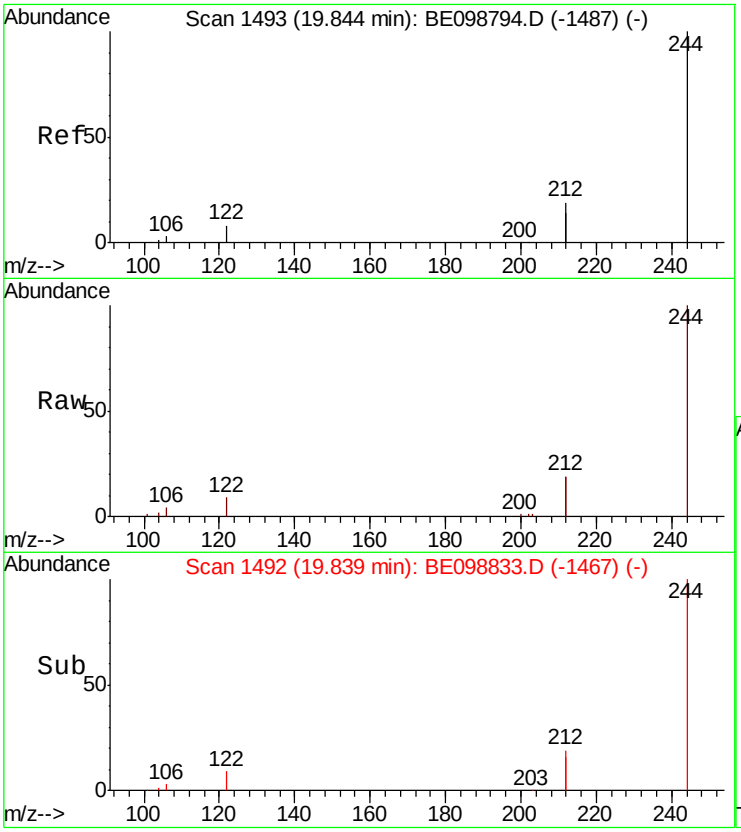


#28
Pyrene
Concen: 0.380 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:202 Resp: 9245

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	18.5	14.2	21.2



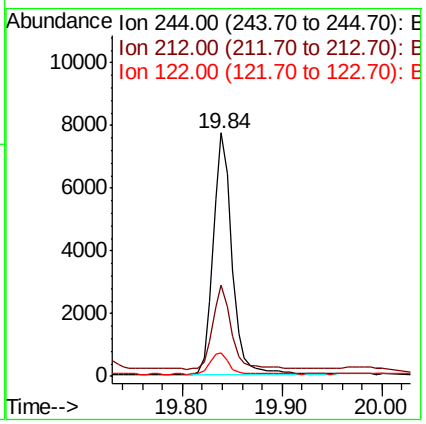


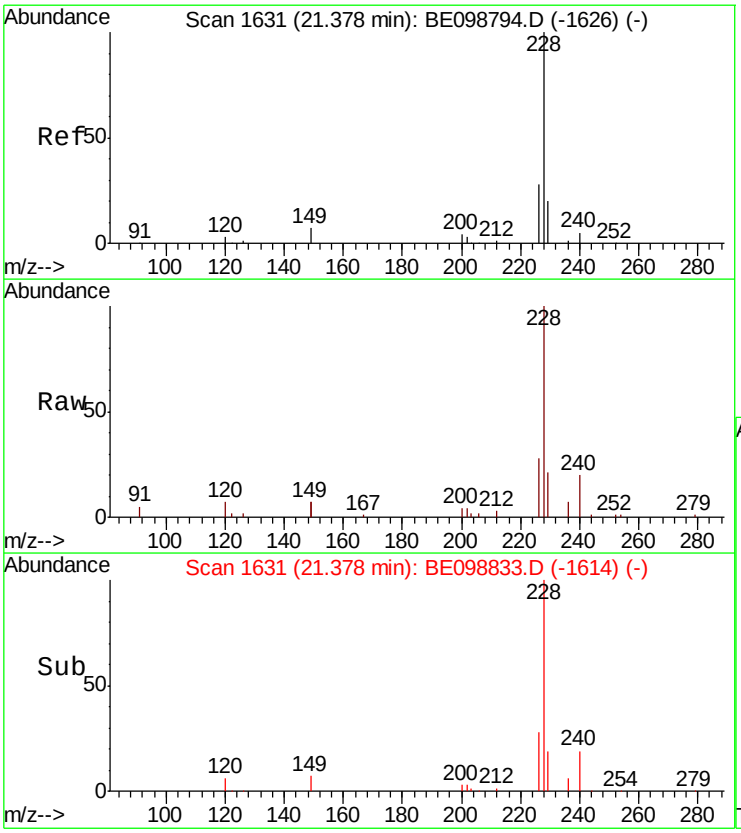
#29
Terphenyl-d14
Concen: 0.523 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:244 Resp: 10106

Ion	Ratio	Lower	Upper
244	100		
212	37.2	29.4	44.2
122	9.4	7.1	10.7

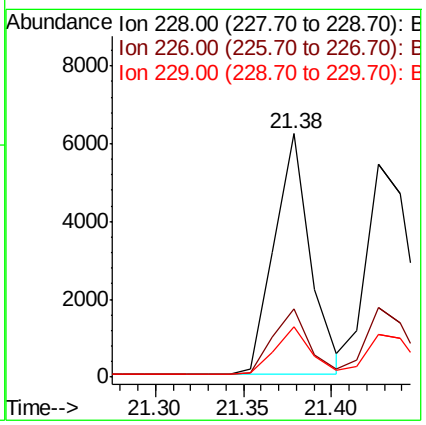


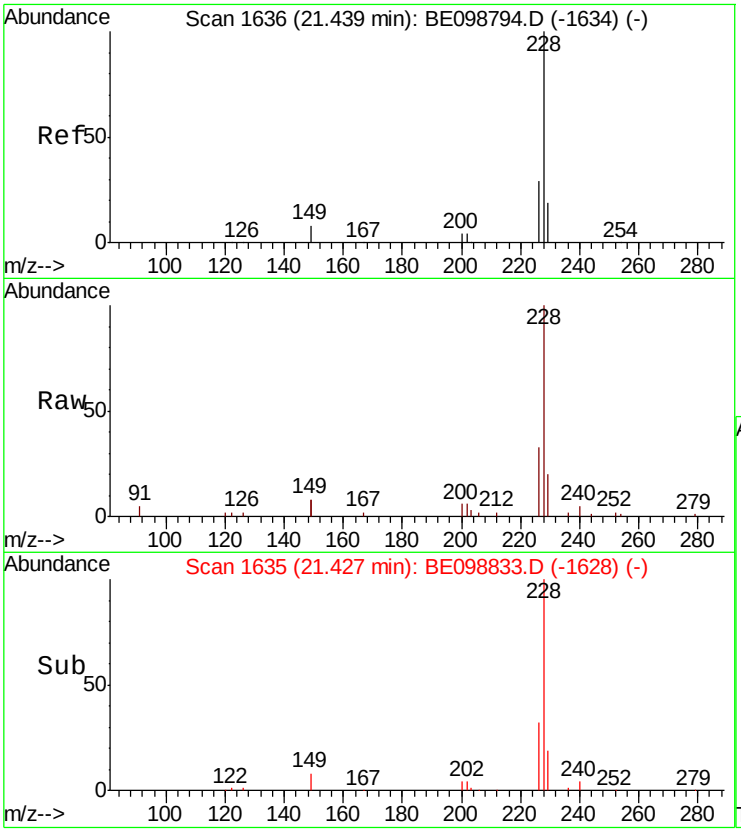


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:228 Resp: 8847

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	20.5	16.5	24.7



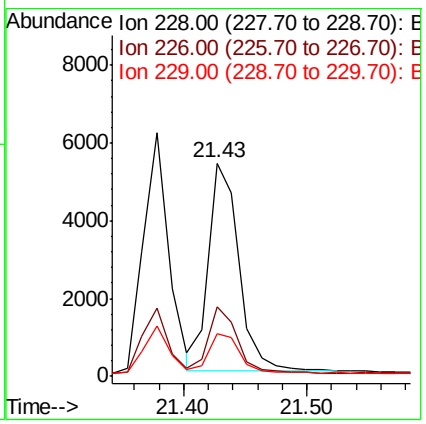


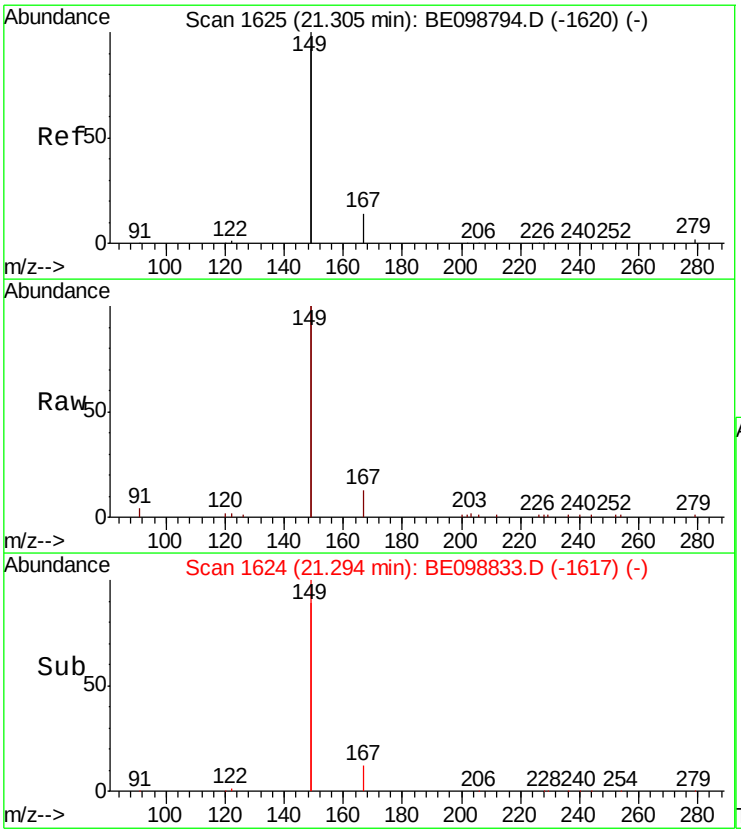
#31
Chrysene
Concen: 0.345 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:228 Resp: 9170

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.7	35.5
229	20.1	16.1	24.1

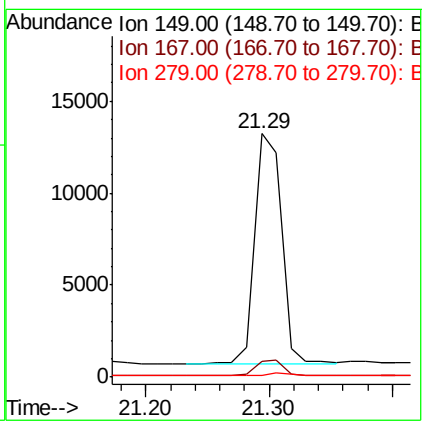


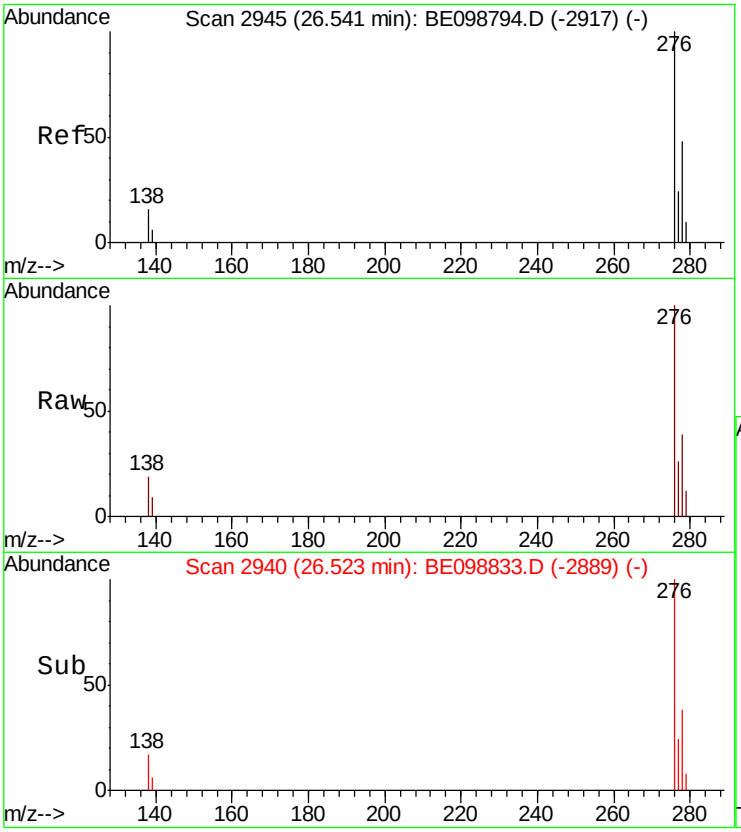


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:149 Resp: 18811

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



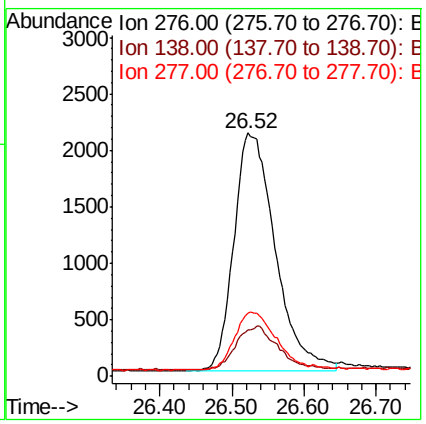


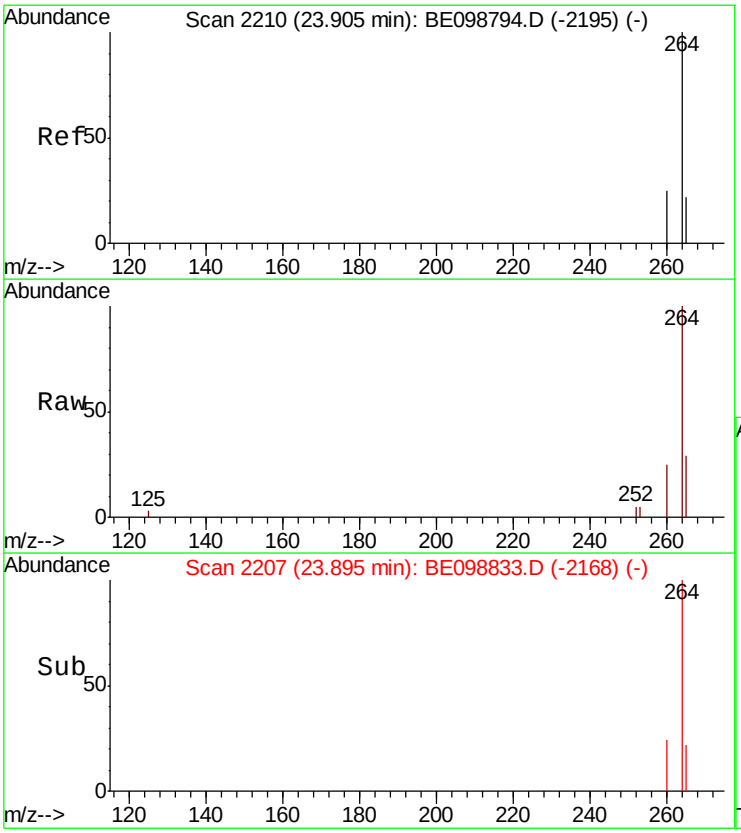
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:276 Resp: 8217

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.8	20.8
277	24.1	19.5	29.3

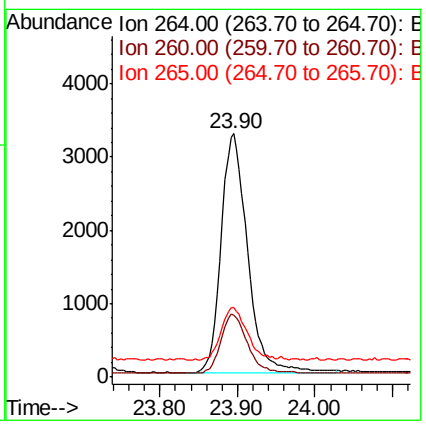


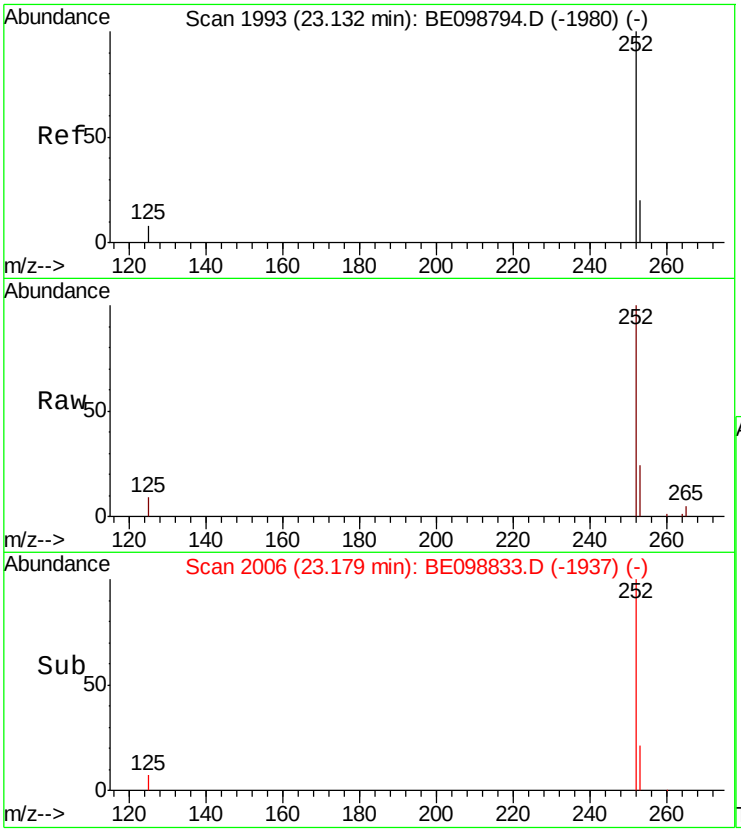


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:264 Resp: 7747

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.2	31.8
265	28.7	24.6	36.8



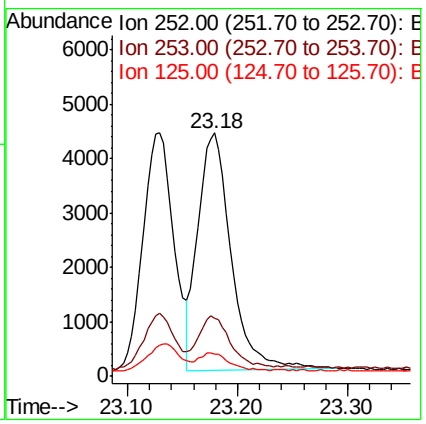


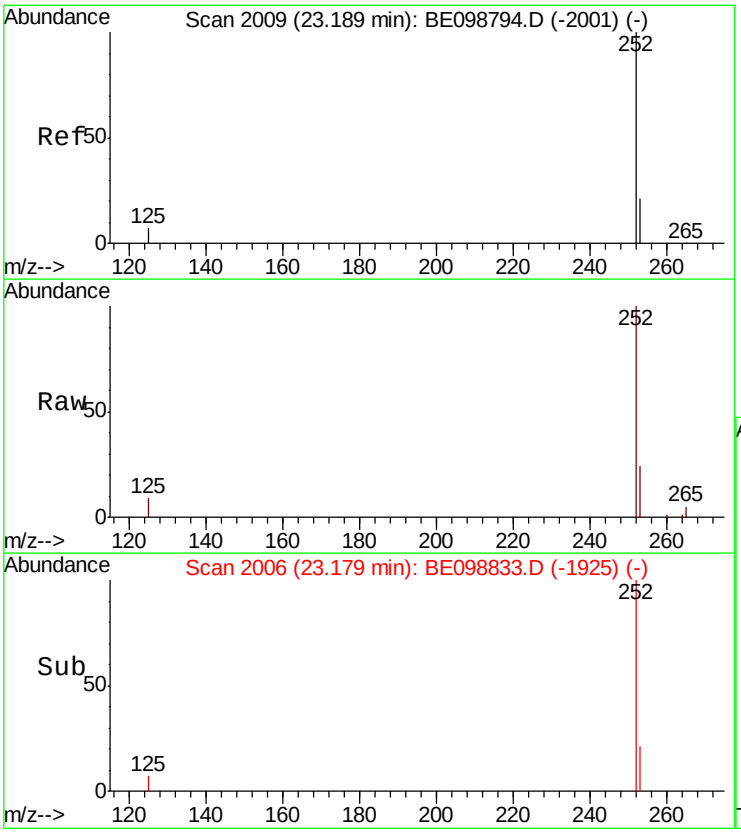
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:252 Resp: 9119

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	9.4	7.3	10.9

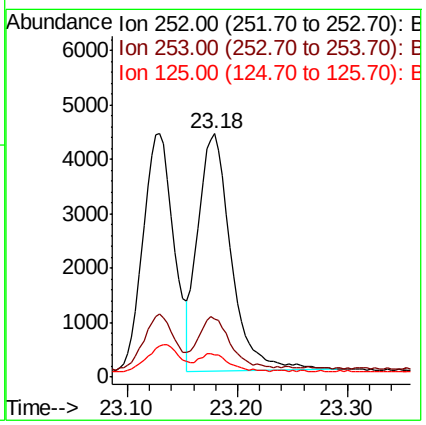


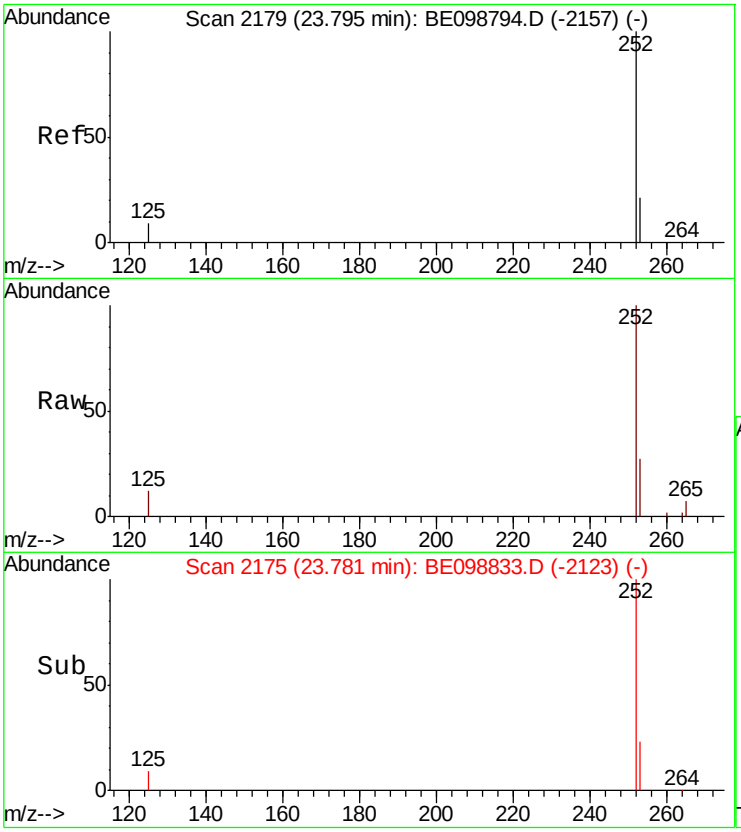


#36
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:252 Resp: 9119

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.3	28.9
125	9.4	7.5	11.3



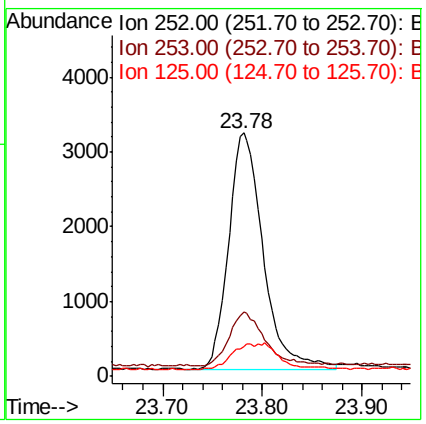


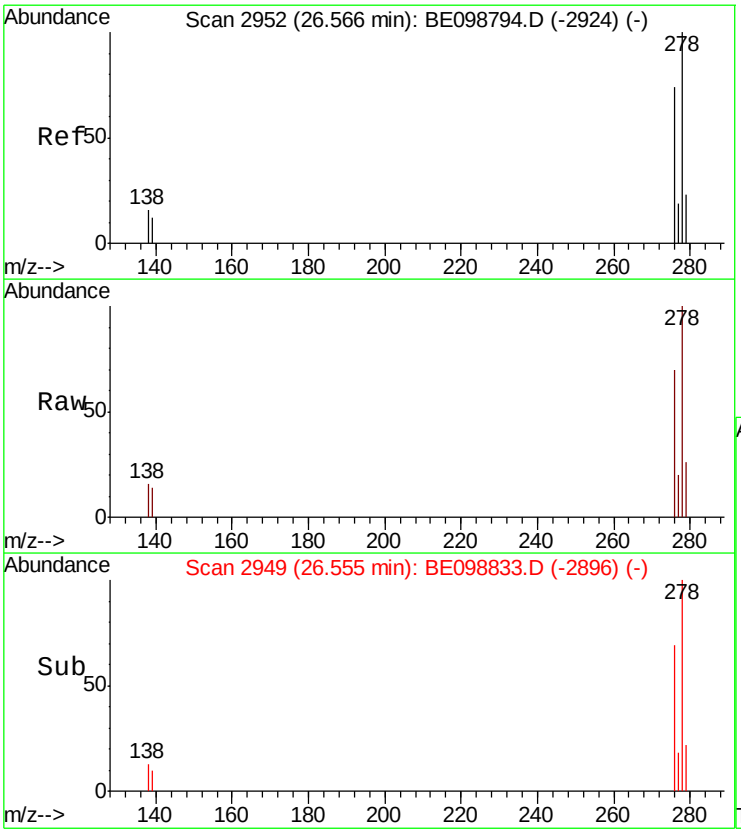
#37
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:252 Resp: 7710

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.9	29.9
125	12.2	9.0	13.4

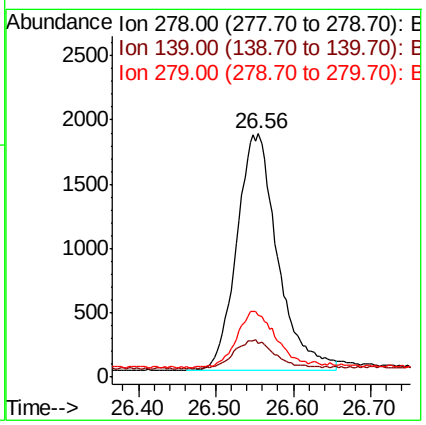


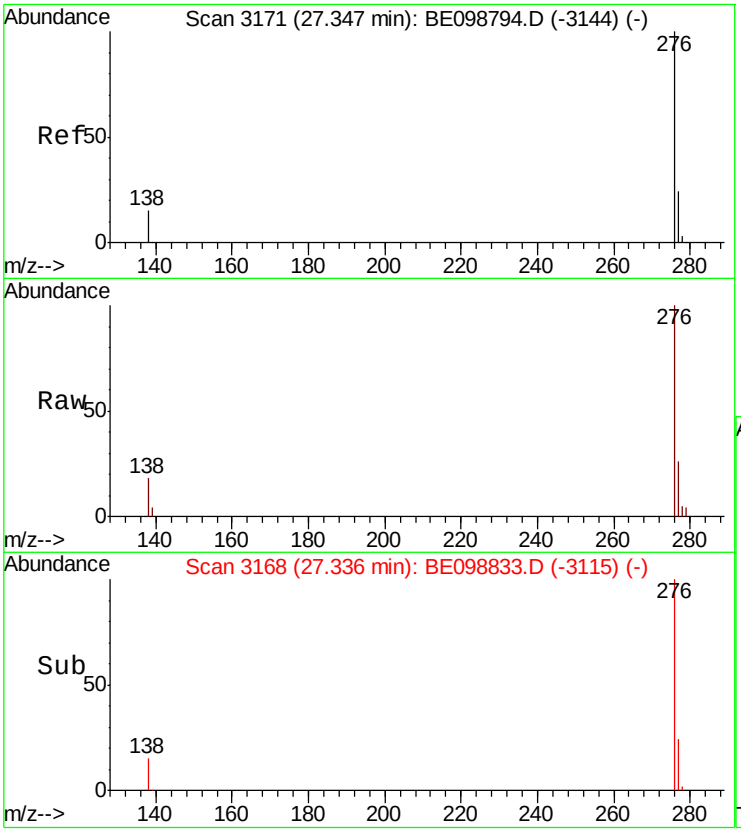


#38
Dibenzo(a,h)anthracene
Concen: 0.292 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Tgt Ion:278 Resp: 6744

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.8	17.6
279	25.6	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.278 ng
RT: 27.34 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BE098833.D
Acq: 8 Mar 2019 12:29

Instrument :
BNA_E
ClientSampleId :
A0C1-TWPMSD

Tgt Ion:276 Resp: 6719

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.4	30.6
138	18.2	13.6	20.4