Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098981.D
Acq On : 15 Mar 2019 21:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 16 00:52:44 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	888	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3917	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2592	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	6178	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6801	0.40	ng		0.00
34) Perylene-d12	23.90	264	6600	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	845	0.32	ng		0.02
5) Phenol-d6	7.00	99	1244	0.33	ng		0.01
8) Nitrobenzene-d5	8.98	82	1288	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2835	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	352	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4005	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	33754	0.34	ng		0.00
29) Terphenyl-d14	19.85	244	6382	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	784	0.469	ng		96
3) n-Nitrosodimethylamine	3.66	42	339	0.152	ng	#	72
6) bis(2-Chloroethyl)ether	7.24	93	886	0.306	ng		98
9) Naphthalene	10.64	128	17574	0.392	ng		100
10) Hexachlorobutadiene	10.91	225	1113	0.375	ng		99
12) 2-Methylnaphthalene	12.27	142	2707	0.372	ng		99
16) Acenaphthylene	14.18	152	4947	0.371	ng		98
17) Acenaphthene	14.51	154	2929	0.370	ng		97
18) Fluorene	15.50	166	4130	0.362	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1322	0.395	ng	#	80
21) Hexachlorobenzene	16.52	284	1554	0.390	ng		98
22) Pentachlorophenol	16.89	266	147	0.373	ng		96
23) Phenanthrene	17.26	178	6585	0.375	ng		99
24) Anthracene	17.35	178	4865	0.324	ng		98
26) Fluoranthene	19.27	202	8436	0.340	ng		100
28) Pyrene	19.64	202	8572	0.412	ng		100
30) Benzo(a)anthracene	21.38	228	7647	0.360	ng		100
31) Chrysene	21.44	228	8677	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14481	0.321	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	8352	0.348	ng		96
35) Benzo(b)fluoranthene	23.18	252	8459	0.390	ng		98
36) Benzo(k)fluoranthene	23.18	252	8459	0.372	ng		99
37) Benzo(a)pyrene	23.79	252	8255	0.397	ng	#	83
38) Dibenzo(a,h)anthracene	26.57	278	6173	0.314	ng		96
39) Benzo(g,h,i)perylene	27.34	276	7206	0.350	ng		99

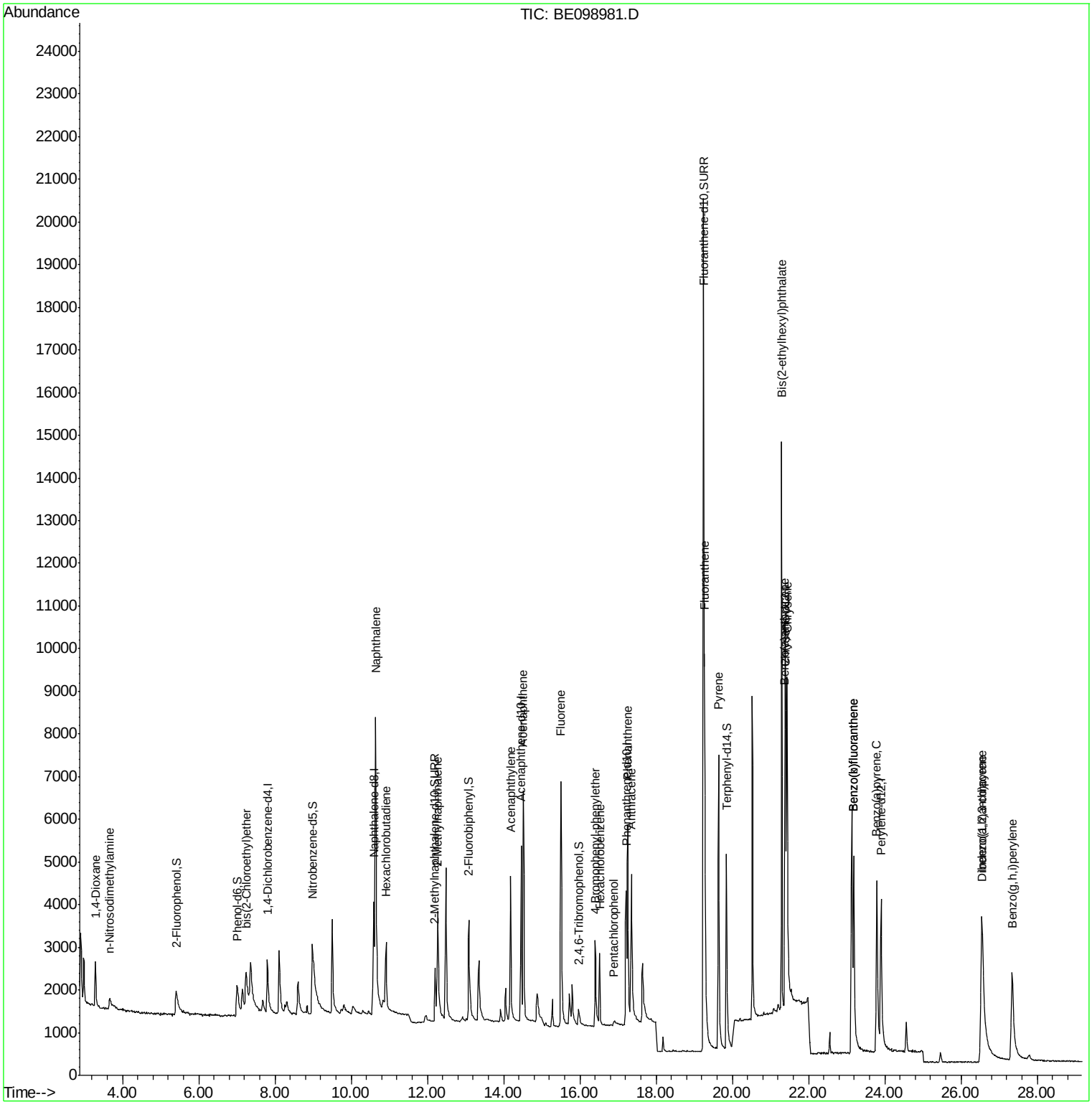
(#) = qualifier out of range (m) = manual integration (+) = signals summed

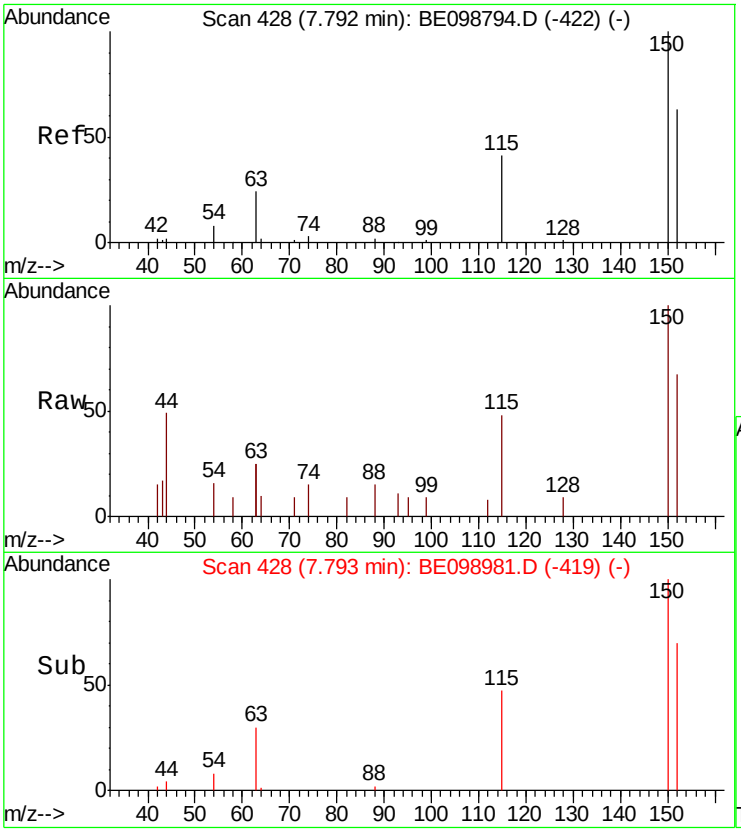
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
Data File : BE098981.D
Acq On : 15 Mar 2019 21:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 16 00:52:44 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



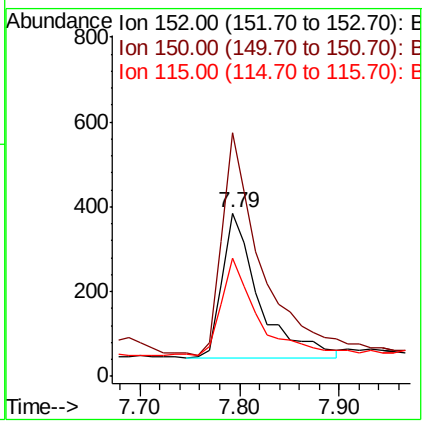


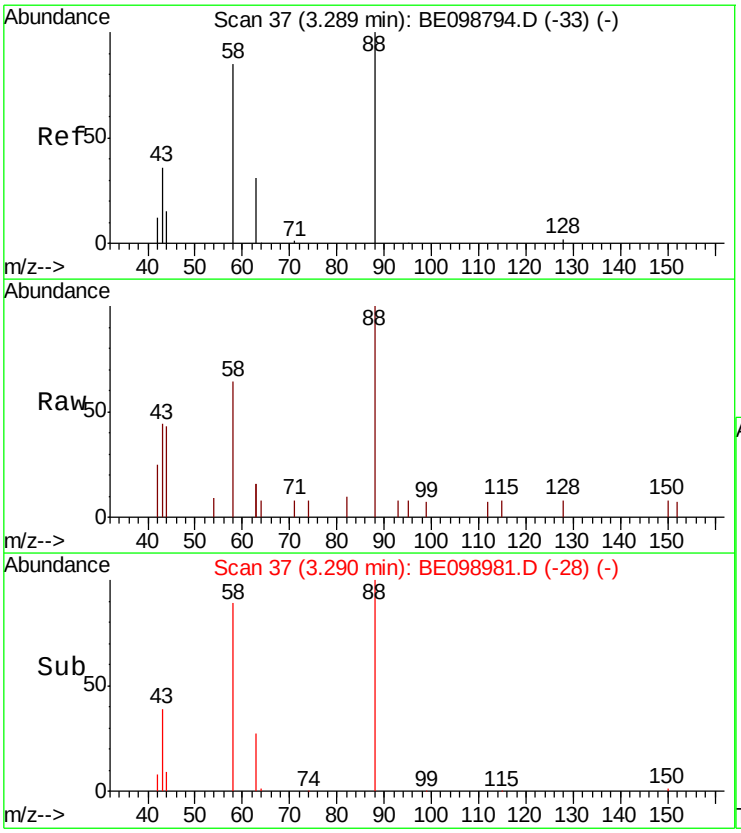
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
150	149.1	122.5	183.7
115	72.2	57.4	86.2

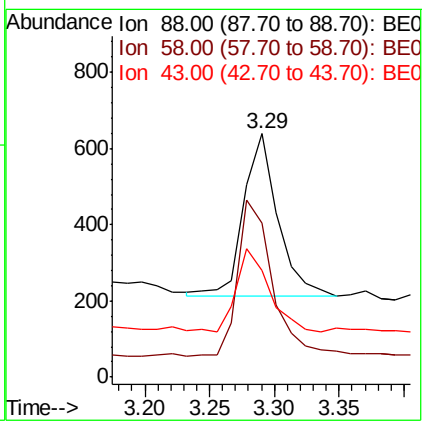


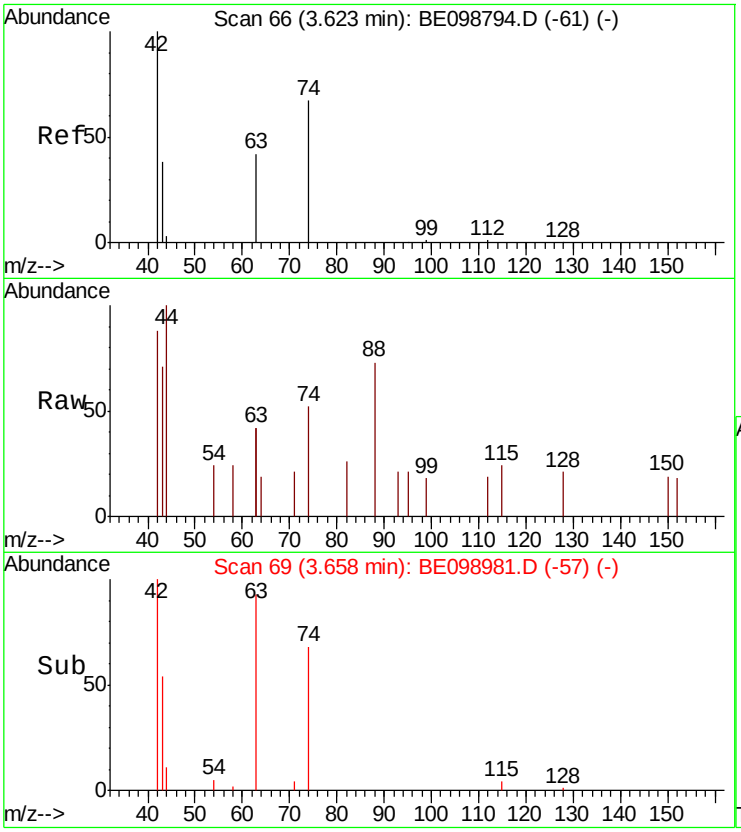


#2
1,4-Dioxane
Concen: 0.469 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion: 88 Resp: 784

Ion	Ratio	Lower	Upper
88	100		
58	97.4	75.8	113.6
43	48.5	41.8	62.8



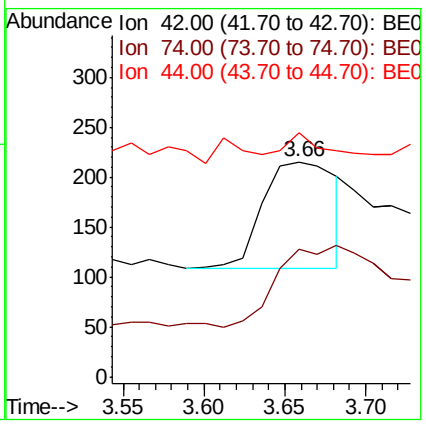


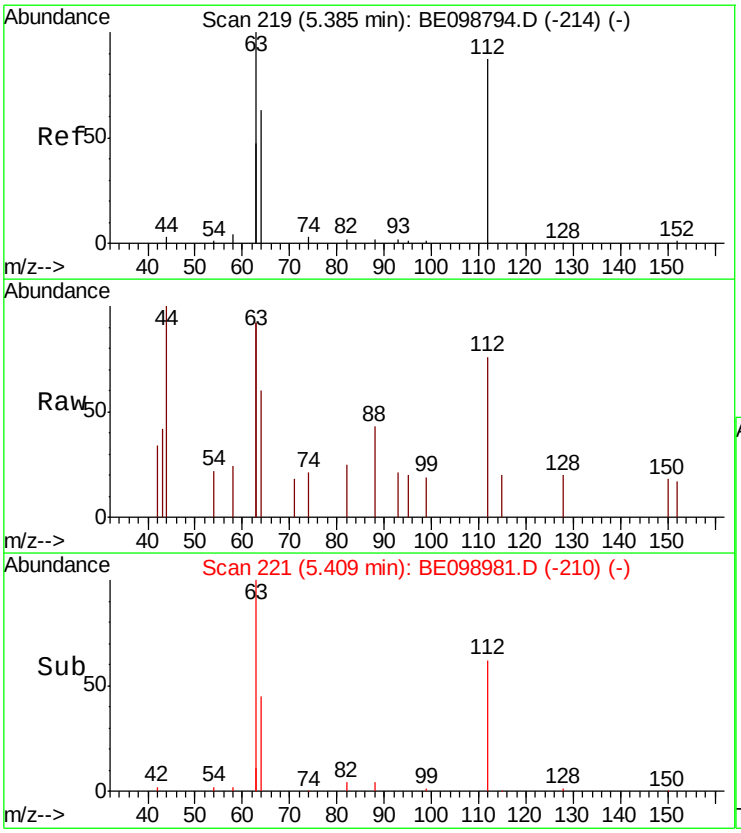
#3
n-Nitrosodimethylamine
Concen: 0.152 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
74	48.1	57.0	85.4#
44	7.1	0.0	0.0#

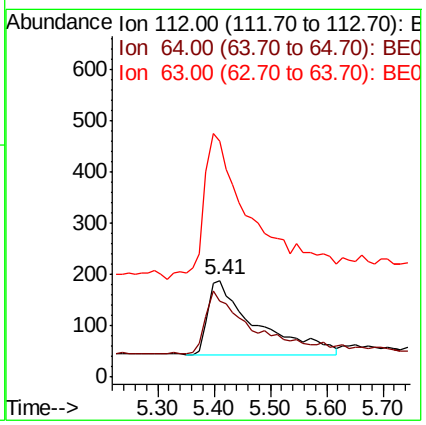


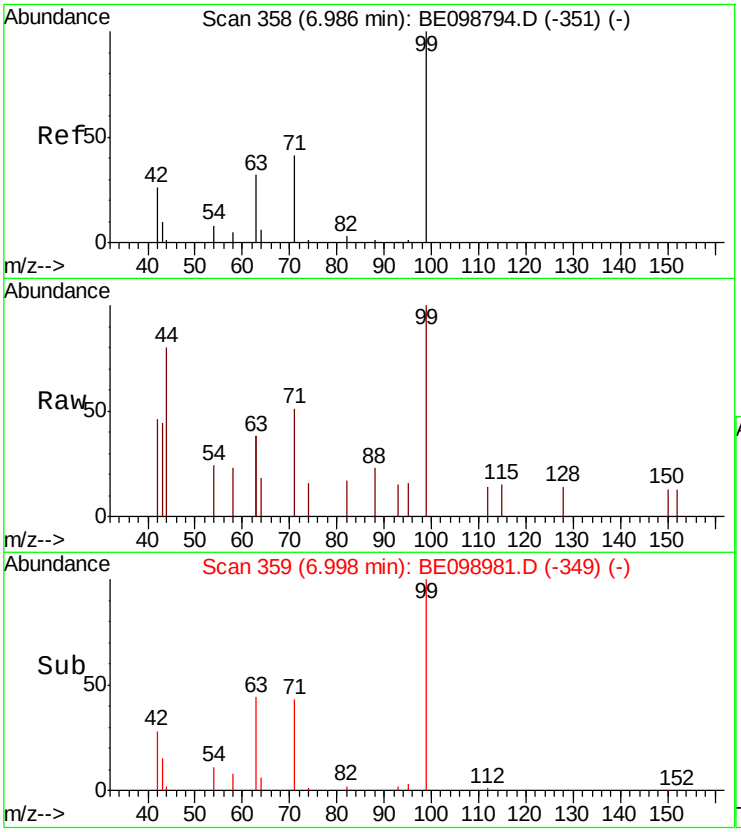


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:112 Resp: 845

Ion	Ratio	Lower	Upper
112	100		
64	87.5	57.9	86.9#
63	203.3	158.3	237.5



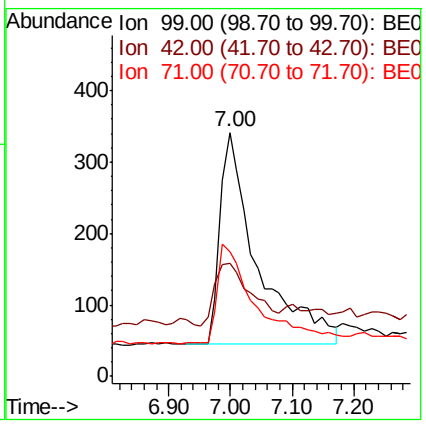


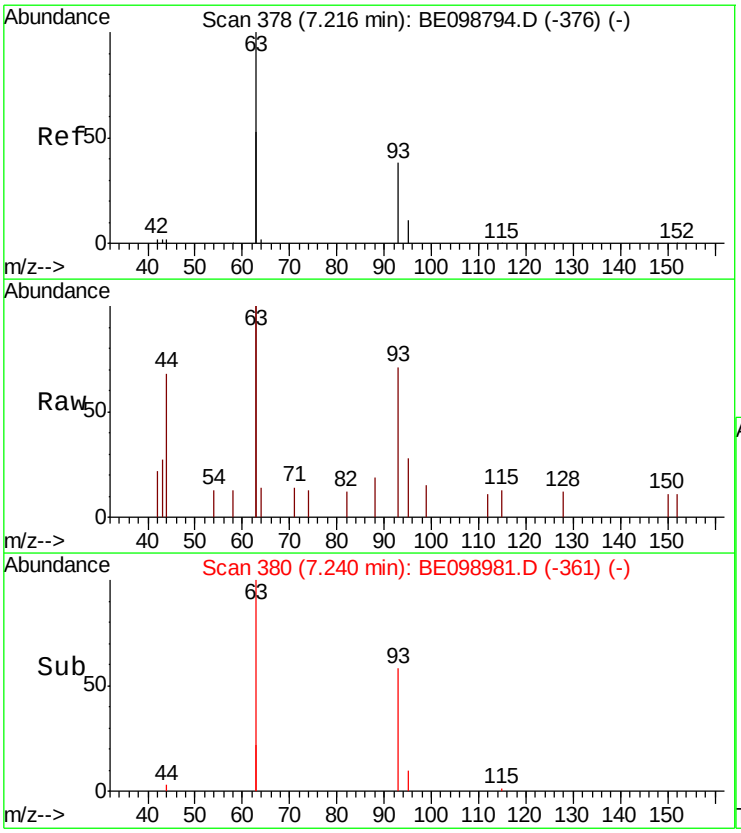
#5
Phenol-d6
Concen: 0.332 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1244

Ion	Ratio	Lower	Upper
99	100		
42	29.3	24.2	36.2
71	49.8	35.7	53.5

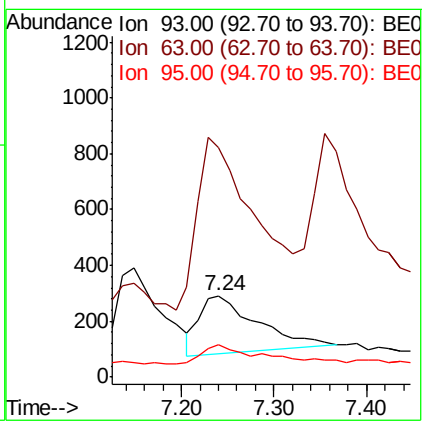


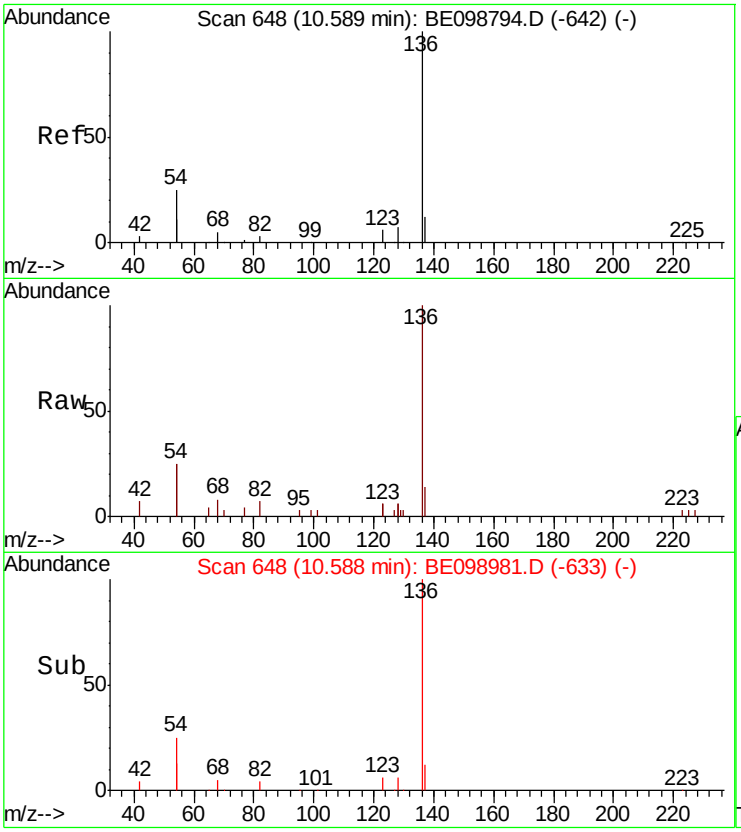


#6
bis(2-Chloroethyl)ether
Concen: 0.306 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion: 93 Resp: 886

Ion	Ratio	Lower	Upper
93	100		
63	307.0	247.5	371.3
95	32.4	21.8	32.8



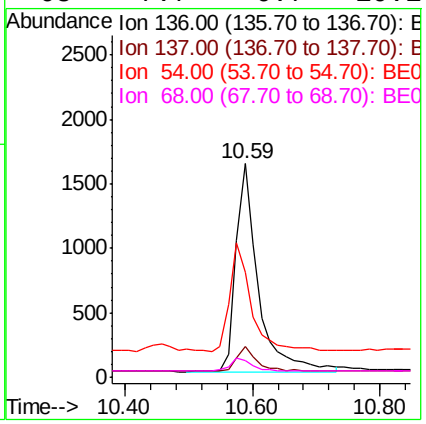


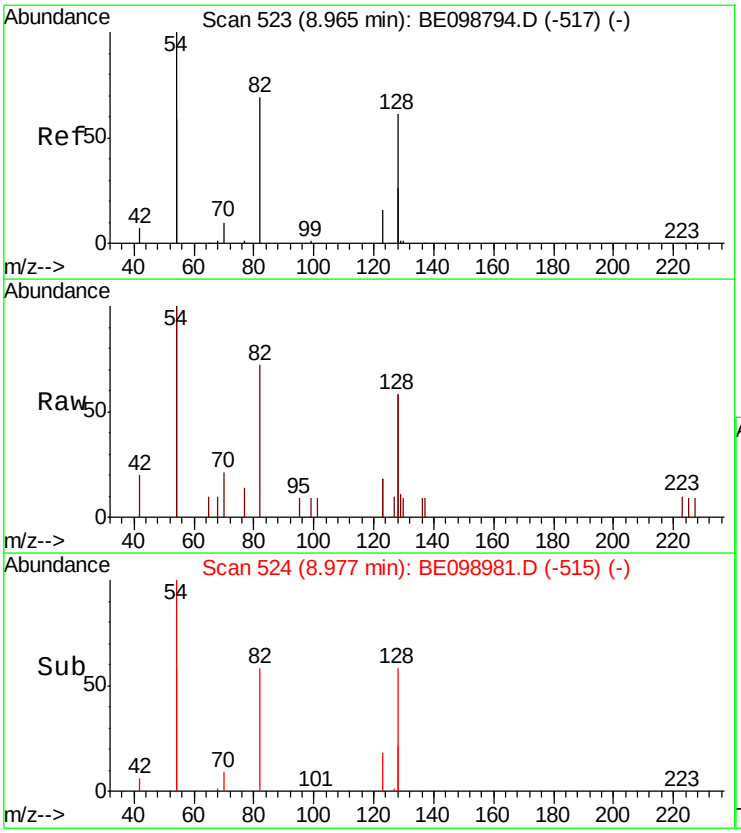
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3917

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.4	17.0
54	49.4	39.3	58.9
68	7.7	6.7	10.1

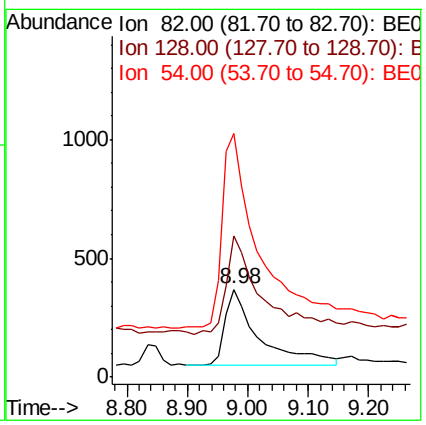


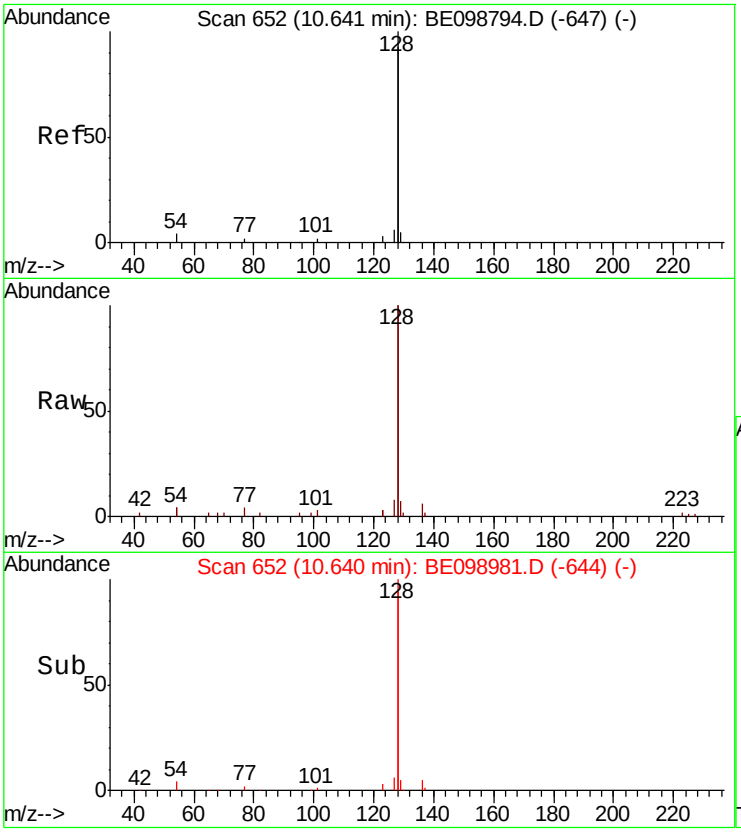


#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion: 82 Resp: 1288

Ion	Ratio	Lower	Upper
82	100		
128	161.1	123.8	185.8
54	277.3	203.4	305.2



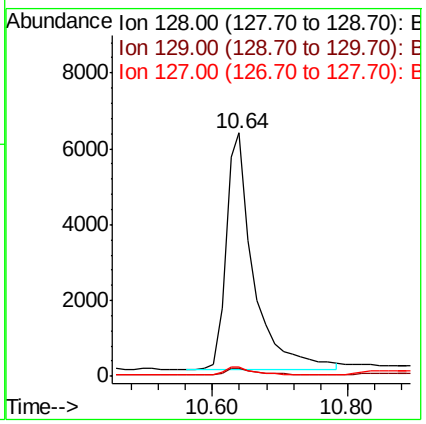


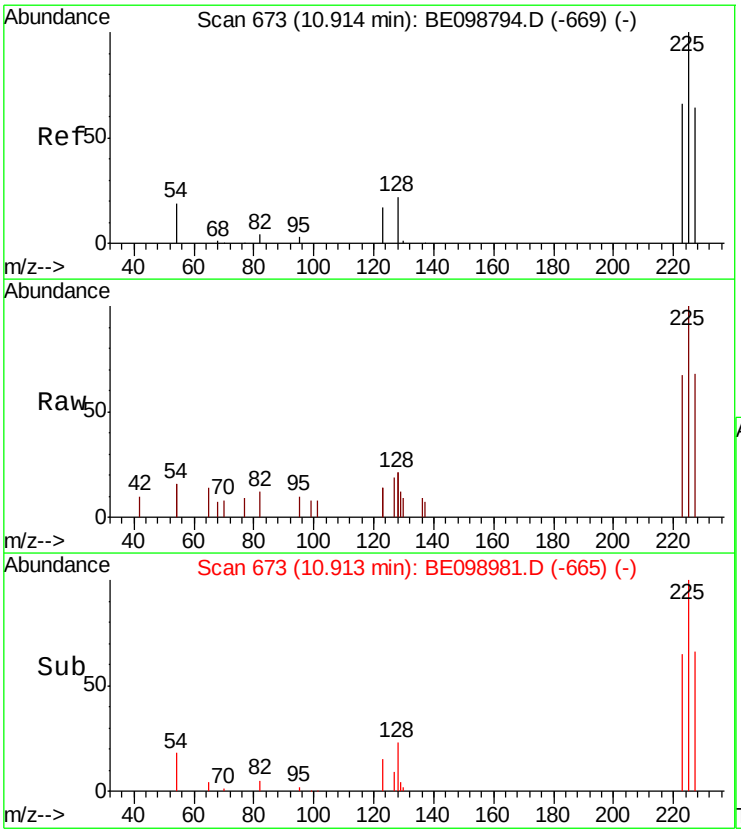
#9
Naphthalene
Concen: 0.392 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17574

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.9	3.1	4.7

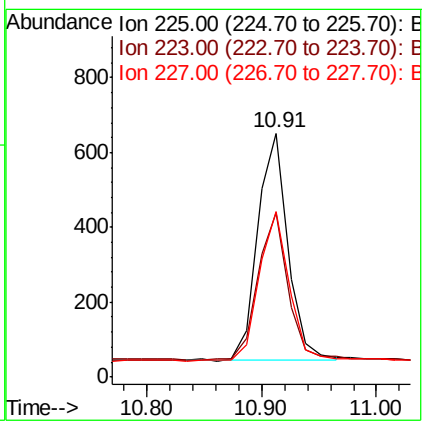


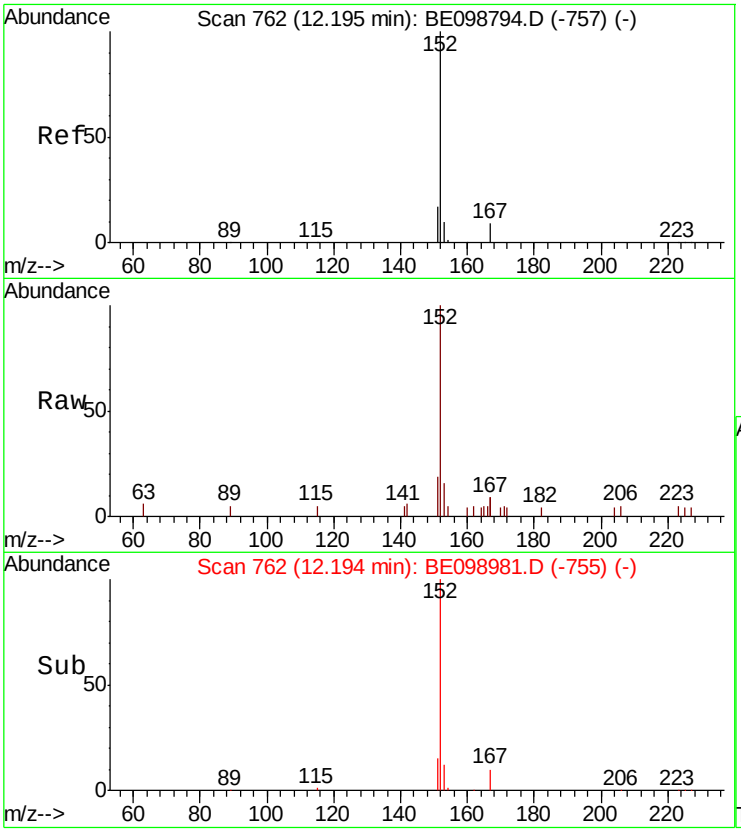


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:225 Resp: 1113

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.1	76.7
227	65.8	51.6	77.4



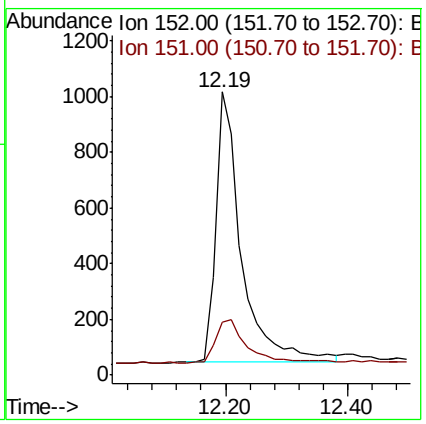


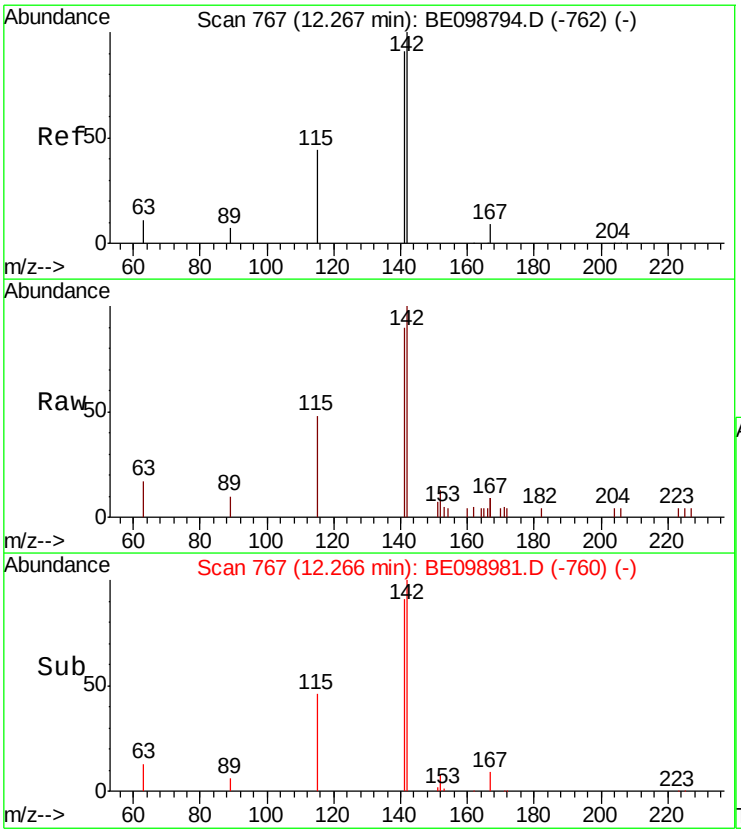
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2835

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7

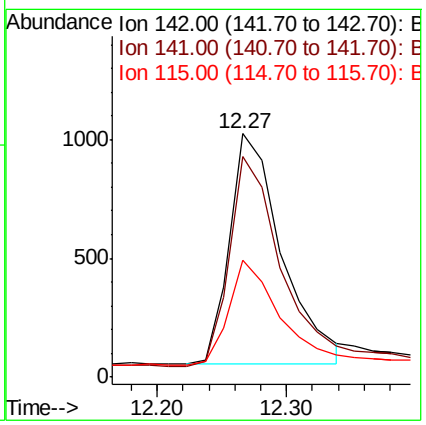


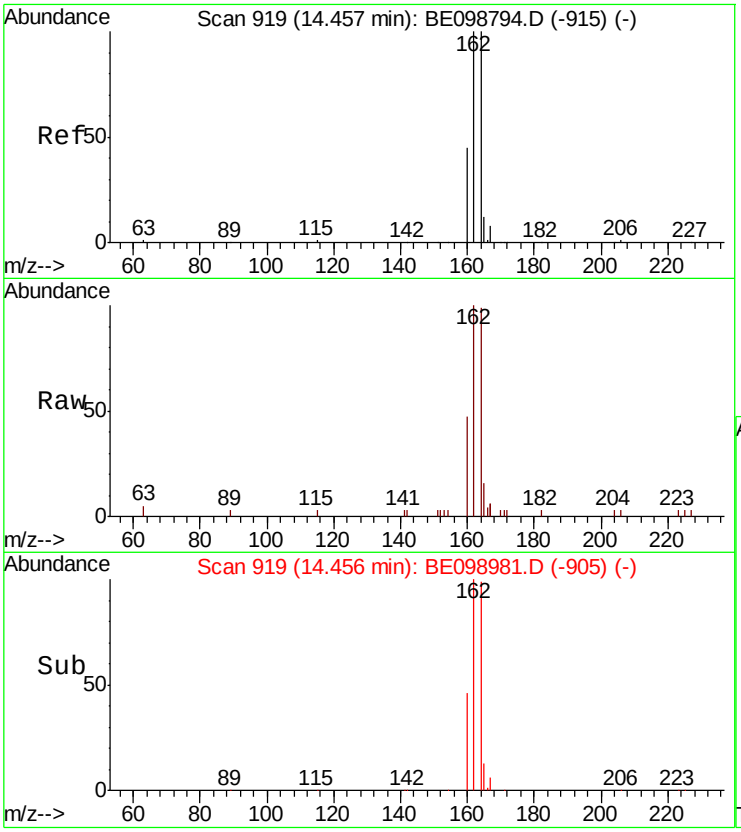


#12
2-Methylnaphthalene
Concen: 0.372 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:142 Resp: 2707

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8
115	47.9	37.4	56.2



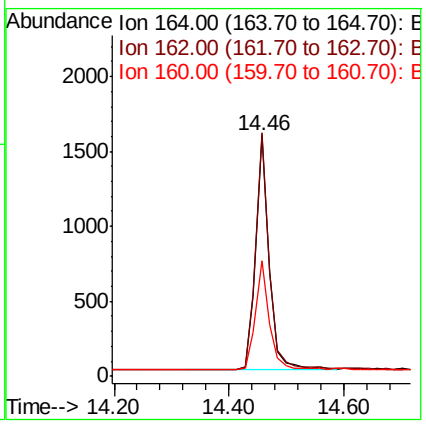


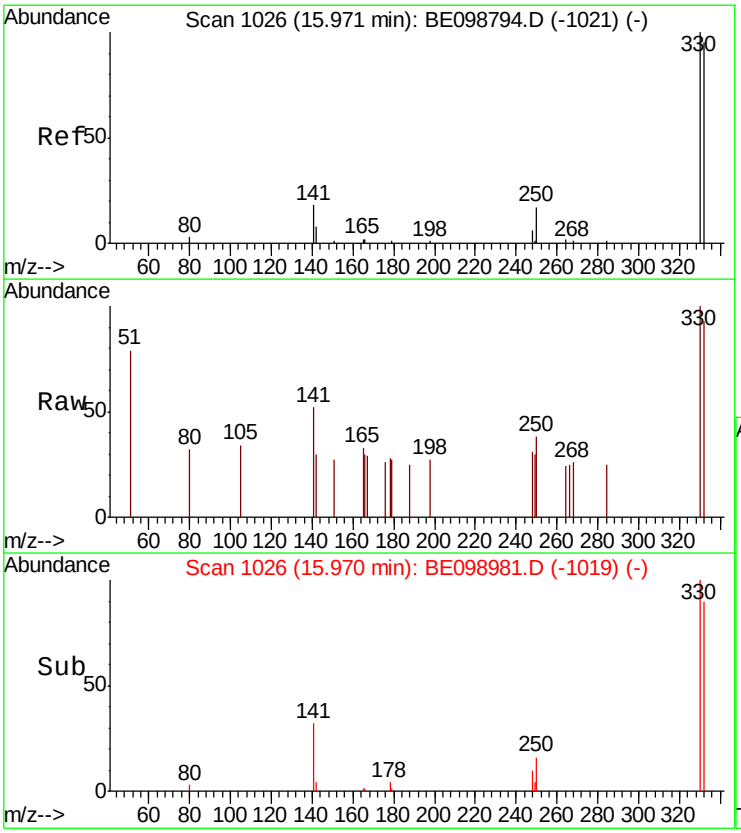
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2592

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	47.7	37.8	56.8

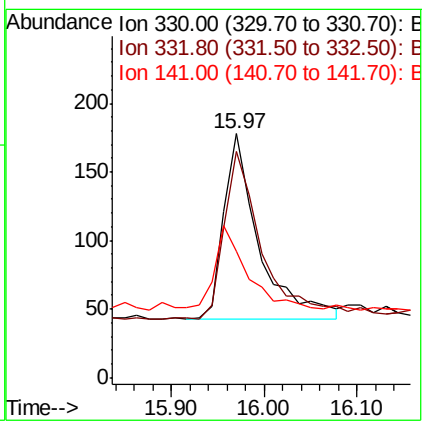


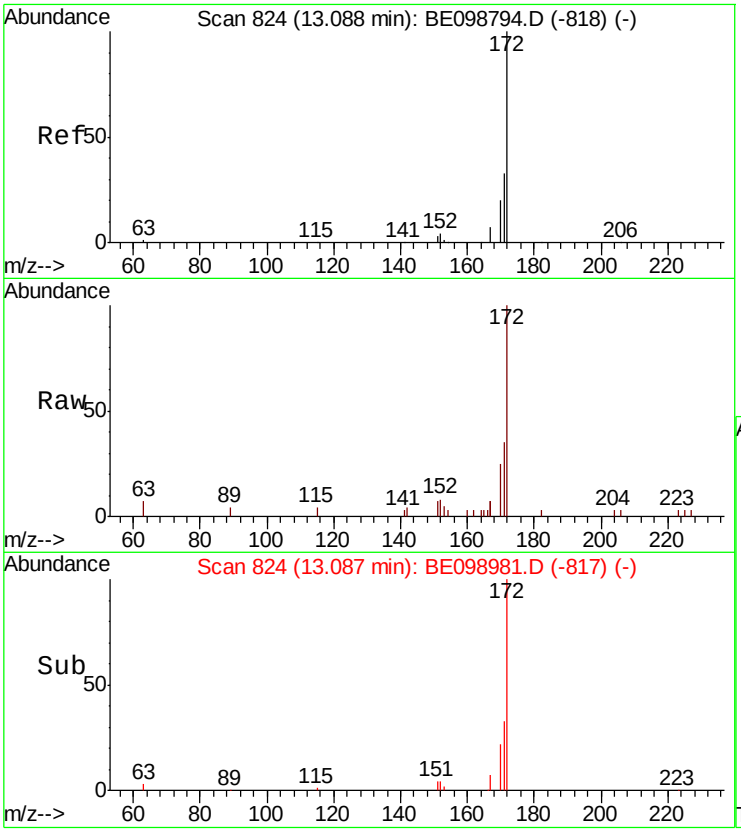


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:330 Resp: 352

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.6	116.4
141	41.5	31.0	46.4



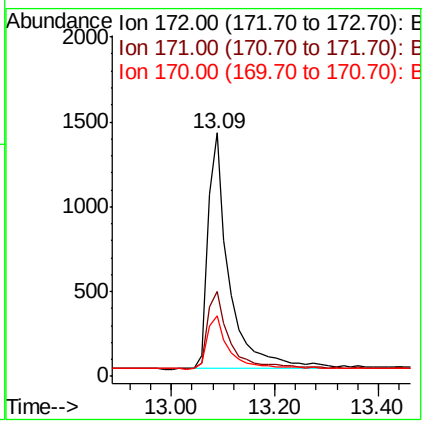


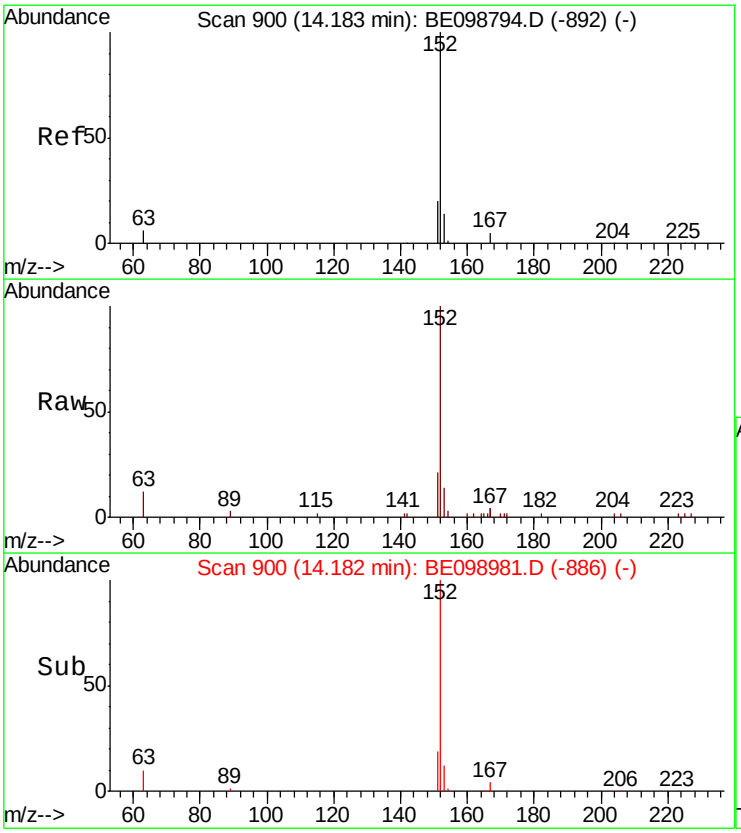
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4005

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	24.7	17.7	26.5

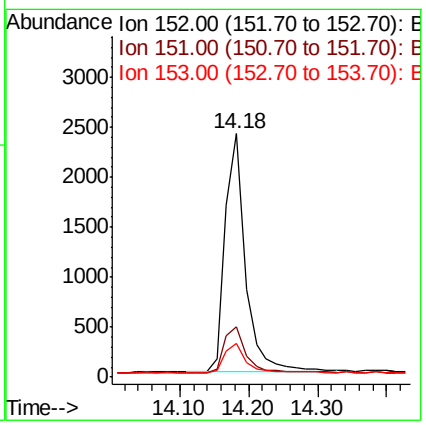


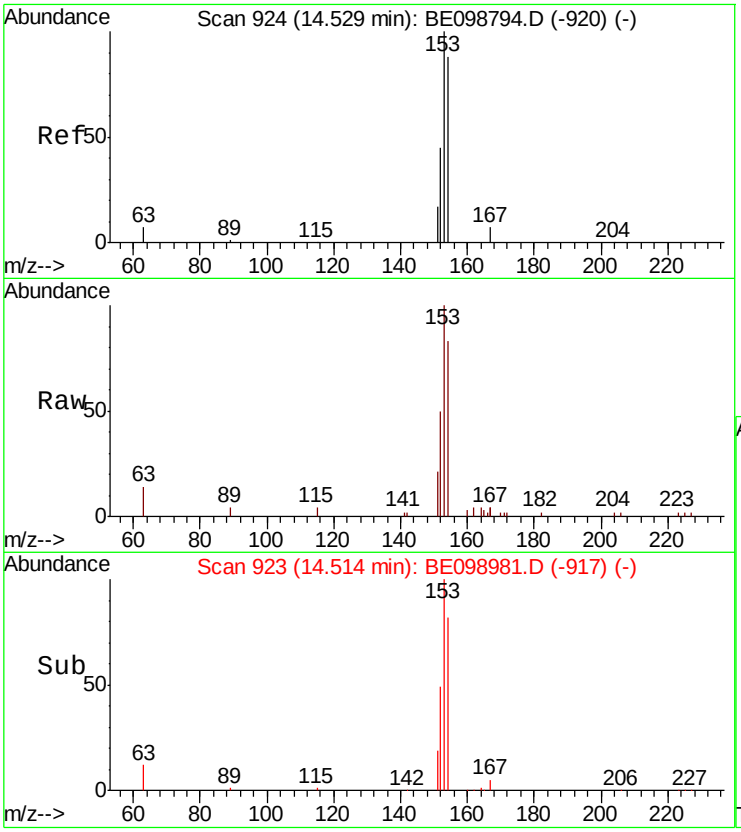


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:152 Resp: 4947

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	12.6	11.2	16.8



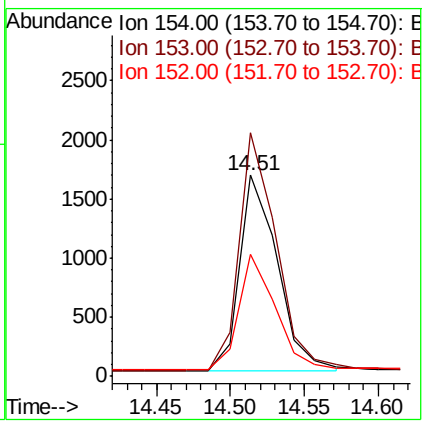


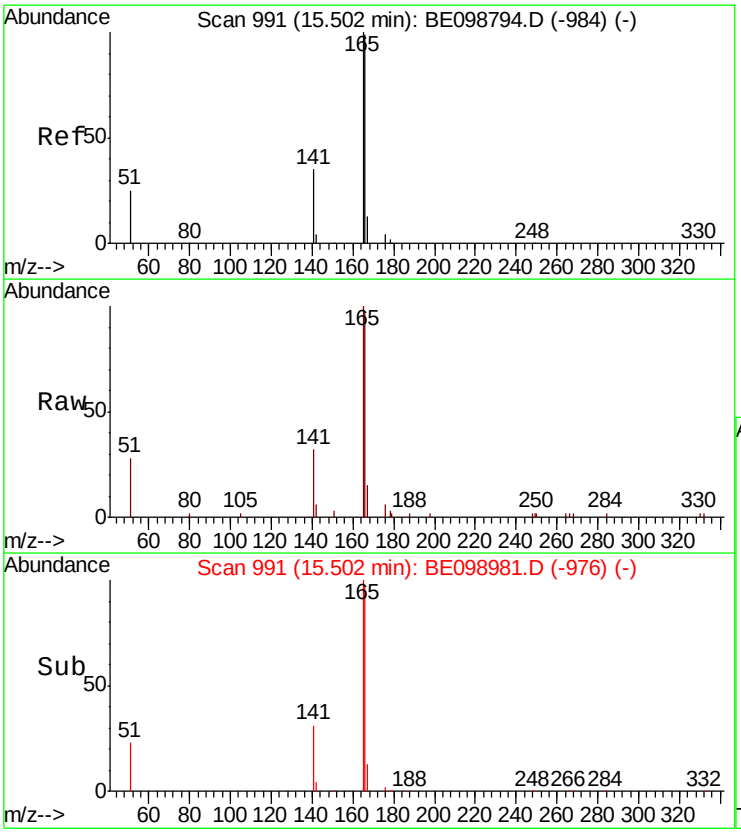
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2929

Ion	Ratio	Lower	Upper
154	100		
153	120.5	94.2	141.4
152	58.3	45.0	67.4

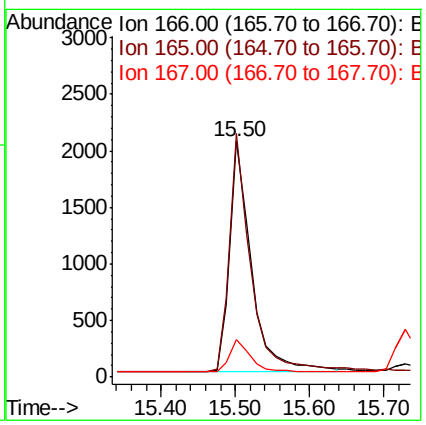


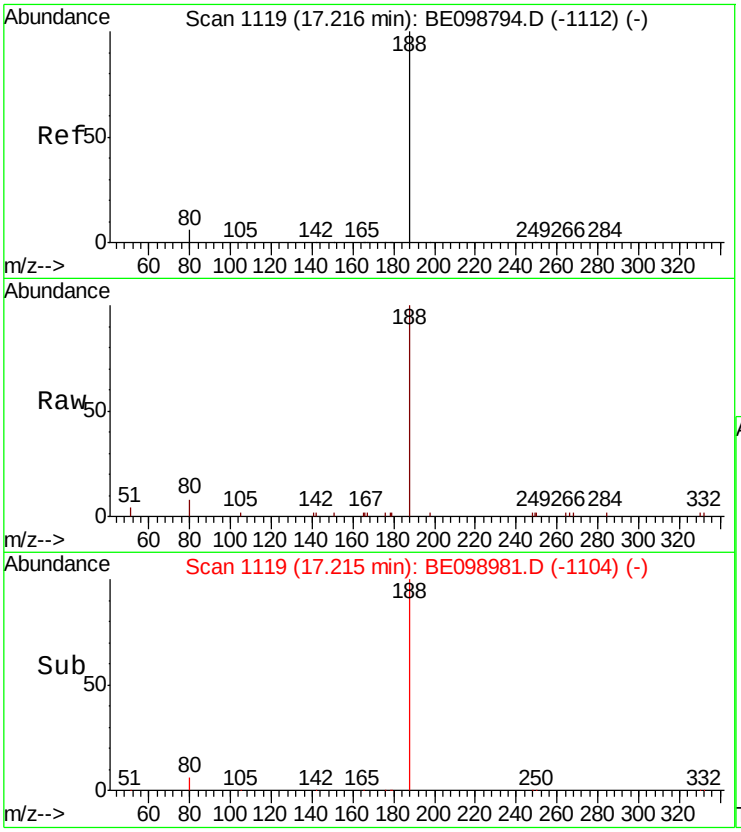


#18
Fluorene
Concen: 0.362 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:166 Resp: 4130

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.3	118.9
167	13.7	10.5	15.7



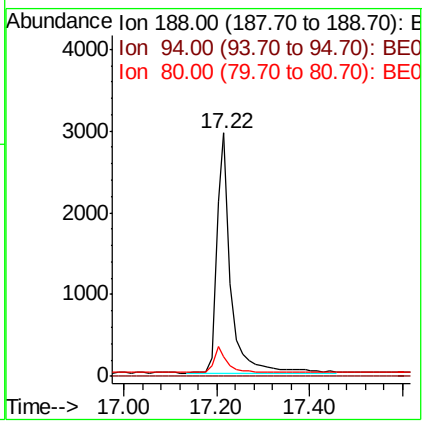


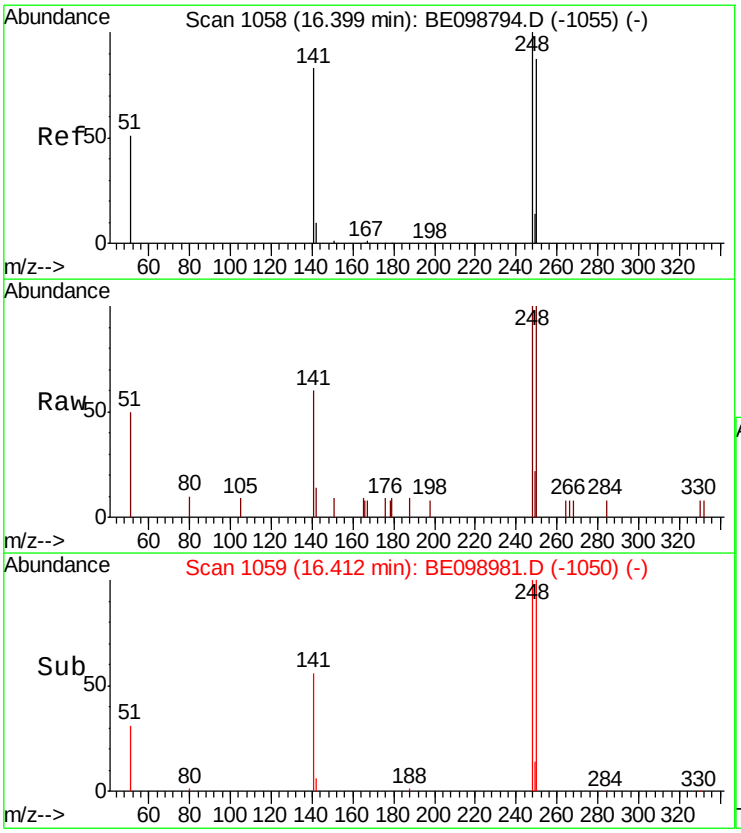
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6178

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.3	9.5

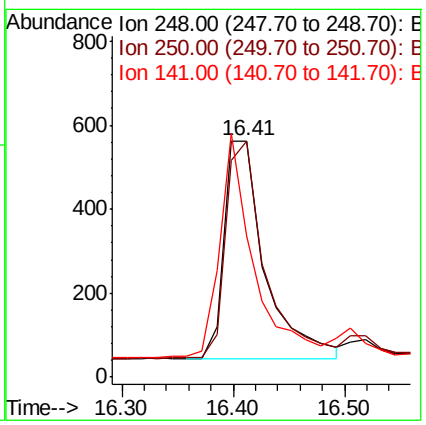


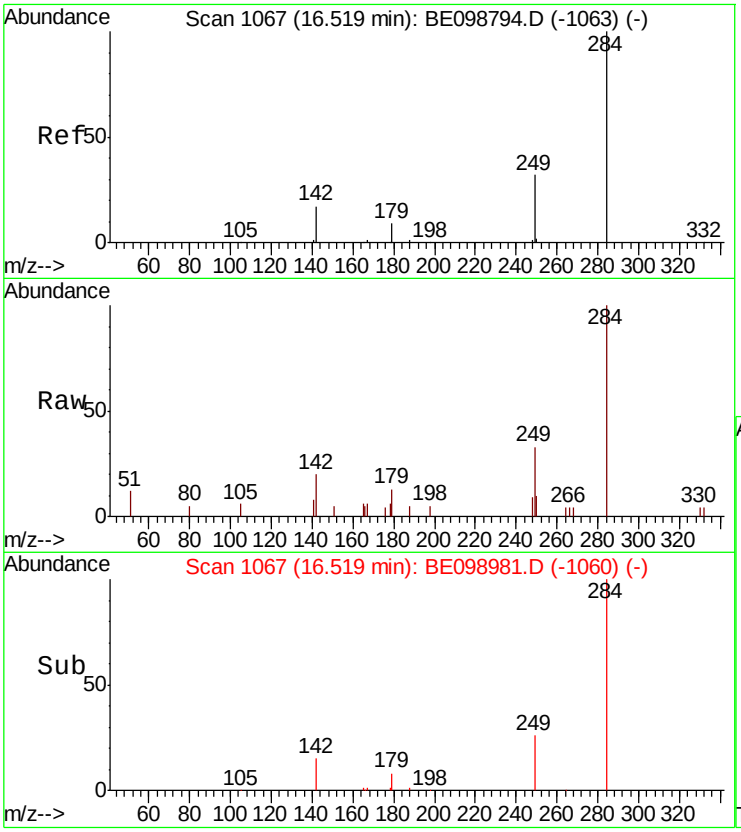


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:248 Resp: 1322

Ion	Ratio	Lower	Upper
248	100		
250	99.6	70.6	105.8
141	59.7	68.6	102.8#



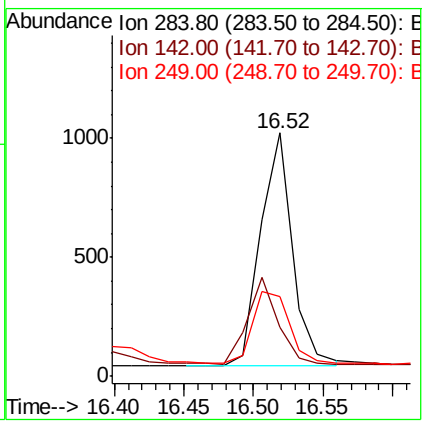


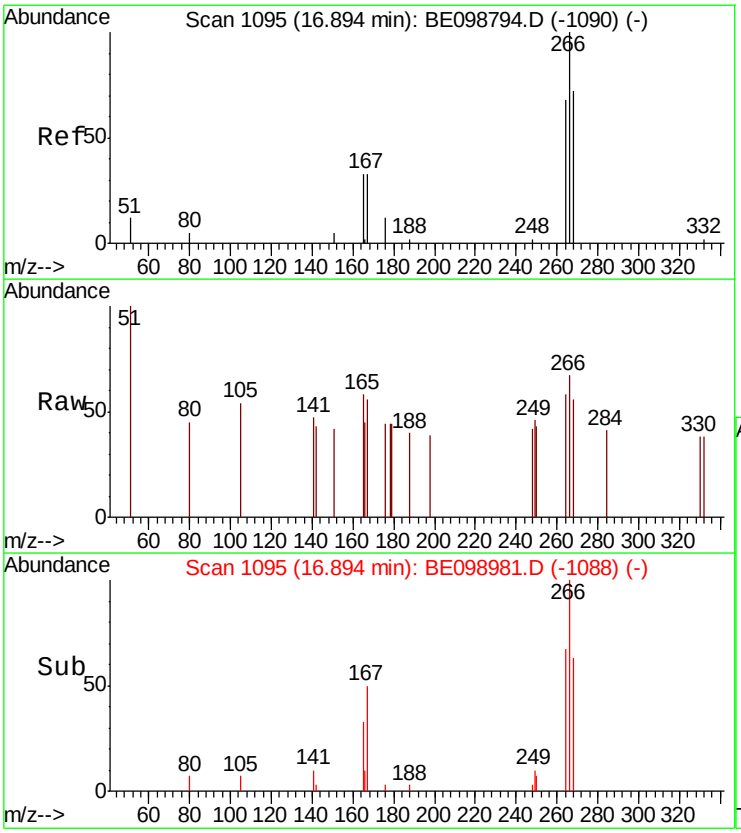
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1554

Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.7	43.1
249	34.7	29.6	44.4

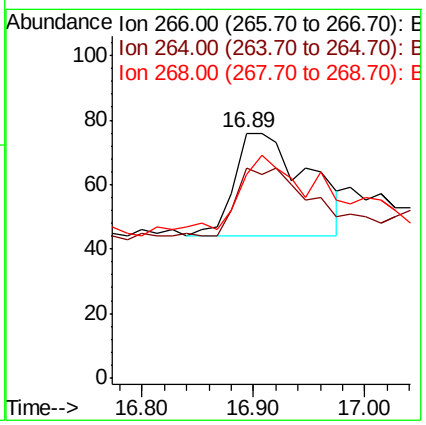


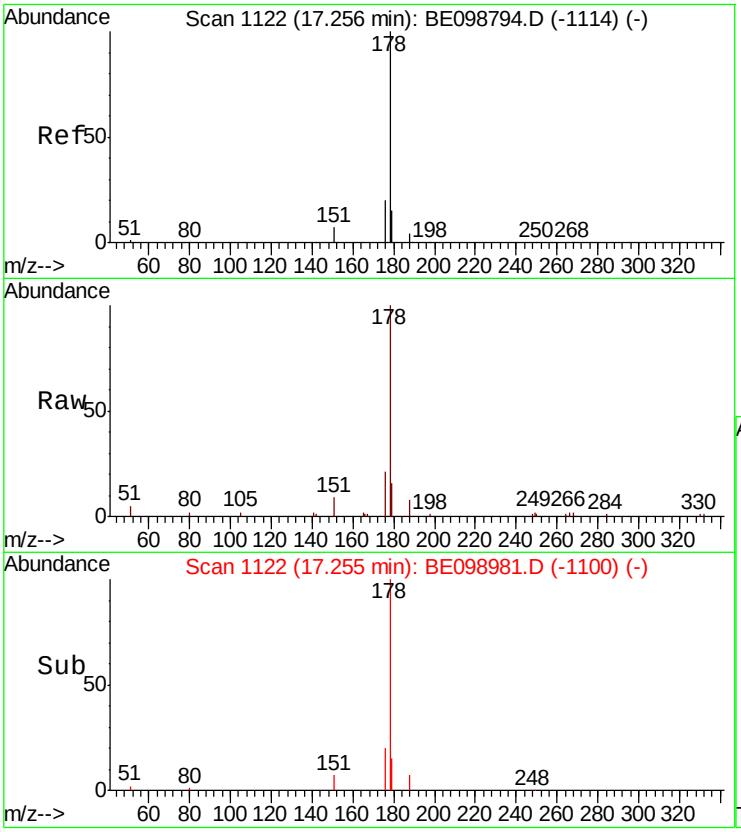


#22
Pentachlorophenol
Concen: 0.373 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:266 Resp: 147

Ion	Ratio	Lower	Upper
266	100		
264	85.5	66.6	100.0
268	82.9	69.8	104.8



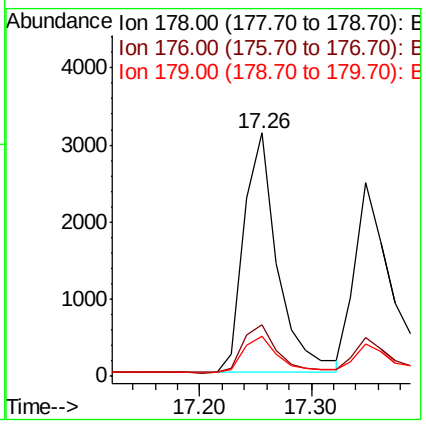


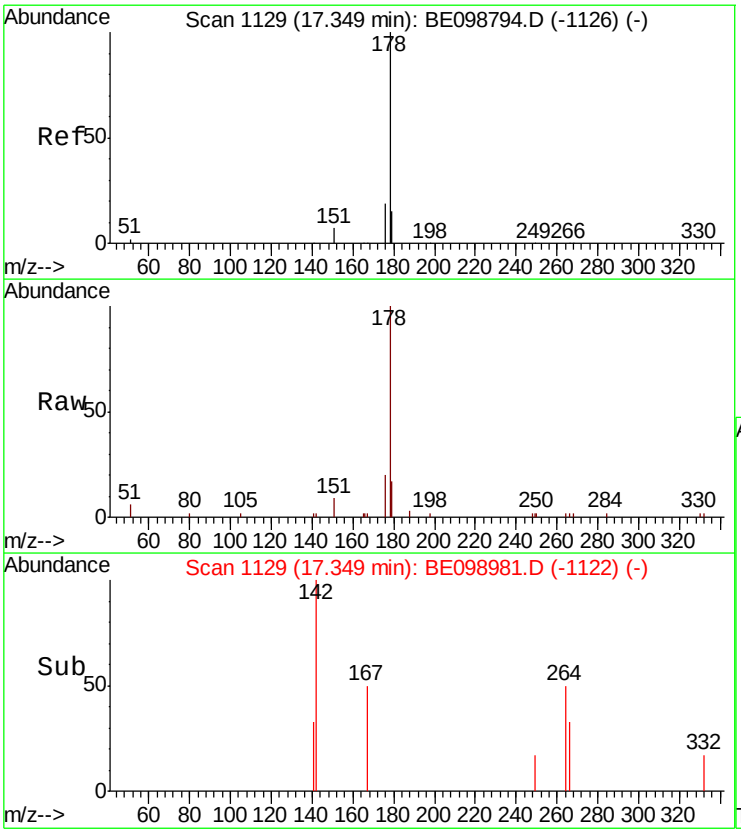
#23
Phenanthrene
Concen: 0.375 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6585

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	15.9	12.1	18.1

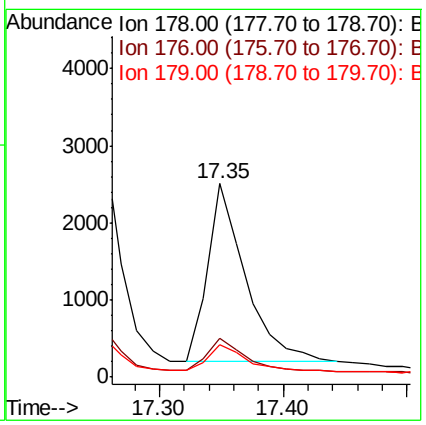


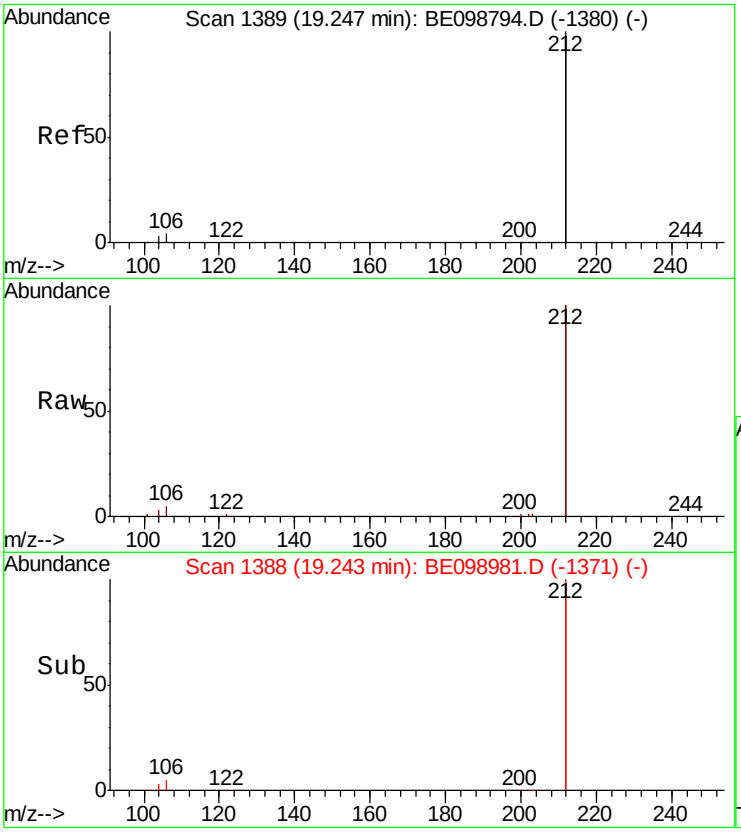


#24
Anthracene
Concen: 0.324 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:178 Resp: 4865

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	15.0	12.2	18.4



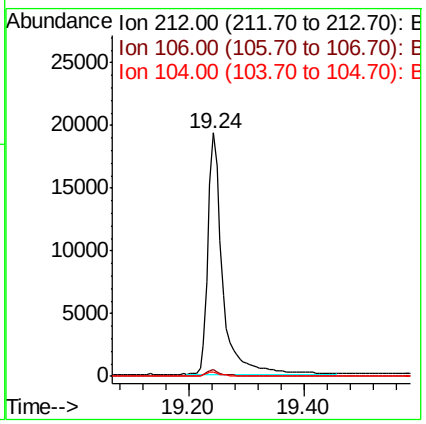


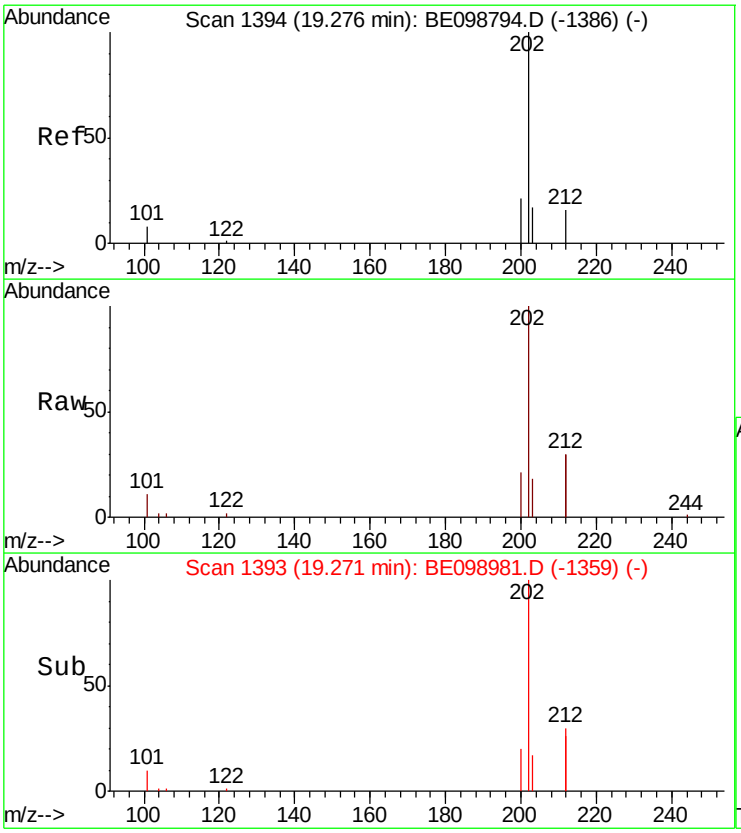
#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 33754

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

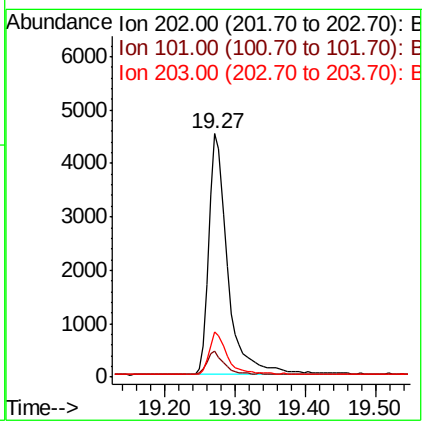


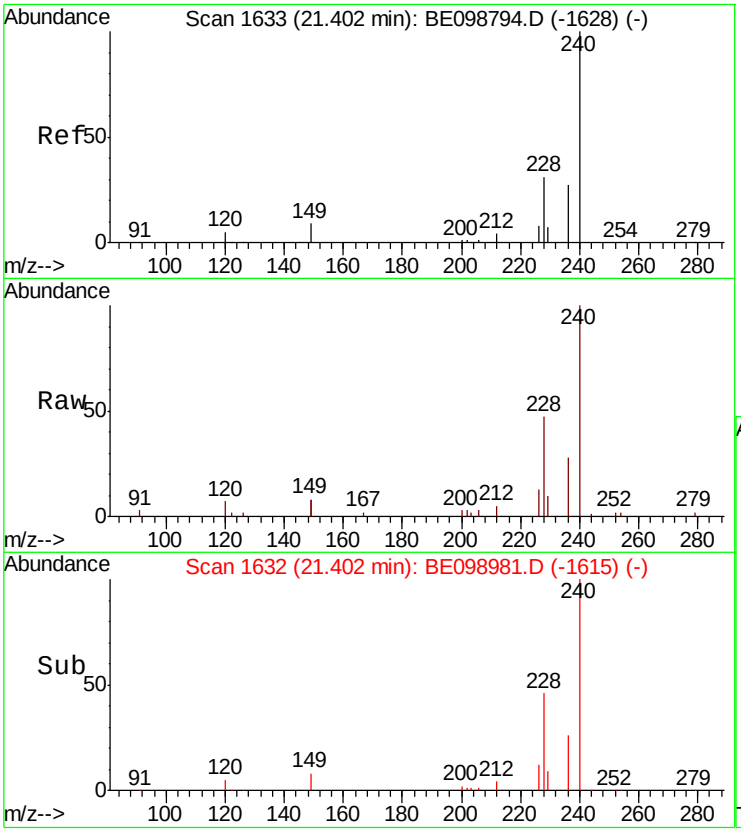


#26
Fluoranthene
Concen: 0.340 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:202 Resp: 8436

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.3	10.9
203	16.6	13.4	20.2



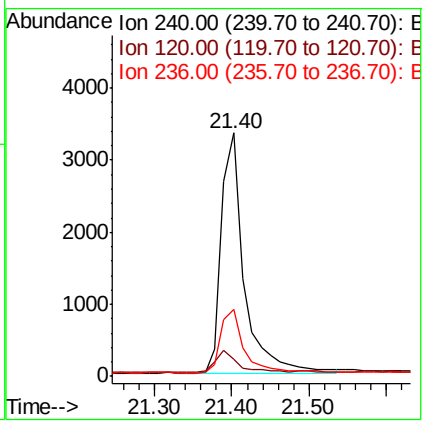


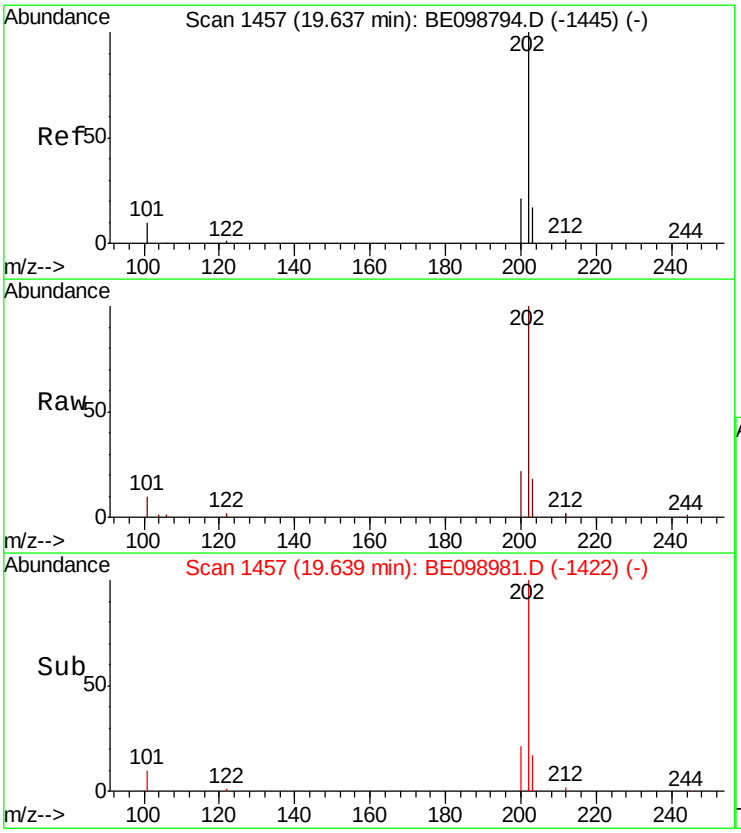
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 6801

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.0	7.4
236	27.6	22.7	34.1

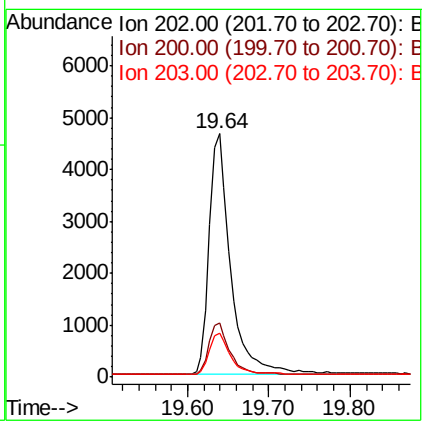


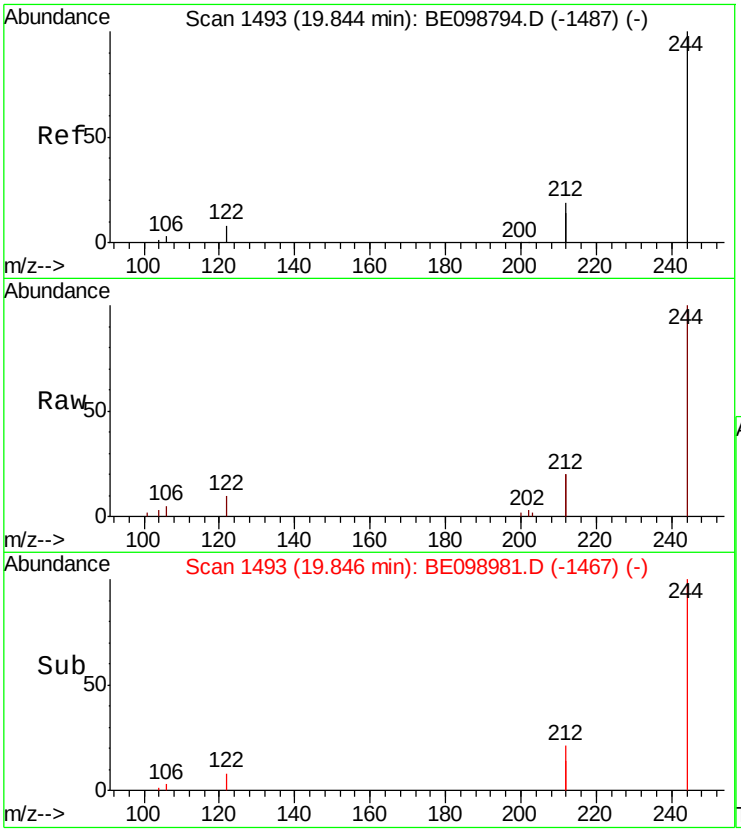


#28
Pyrene
Concen: 0.412 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:202 Resp: 8572

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.3	14.2	21.2



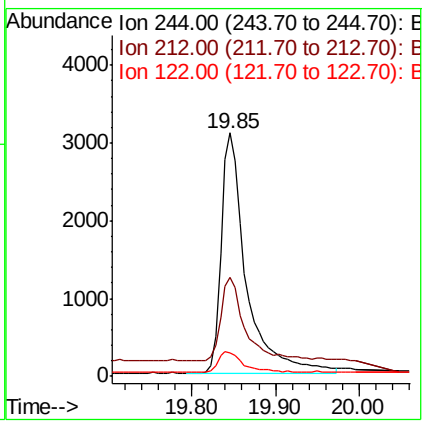


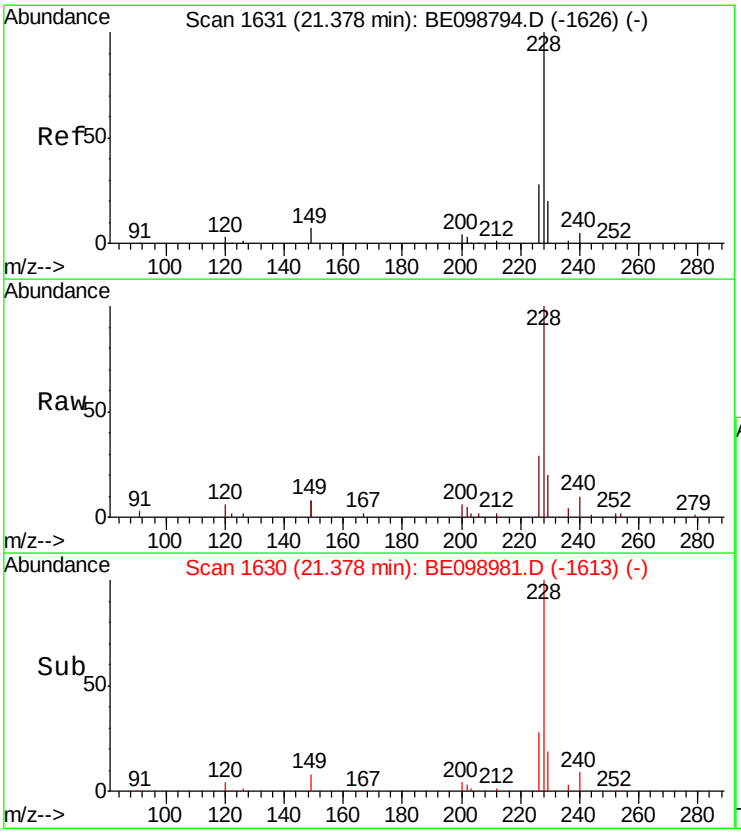
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6382

Ion	Ratio	Lower	Upper
244	100		
212	40.6	29.4	44.2
122	9.7	7.1	10.7

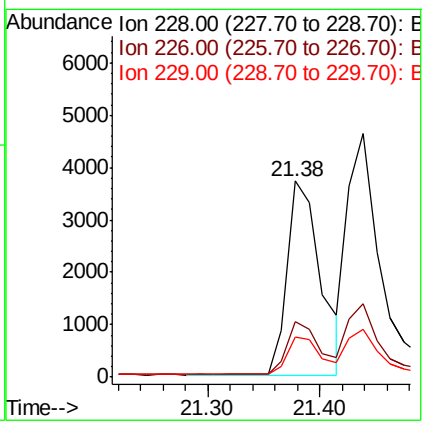


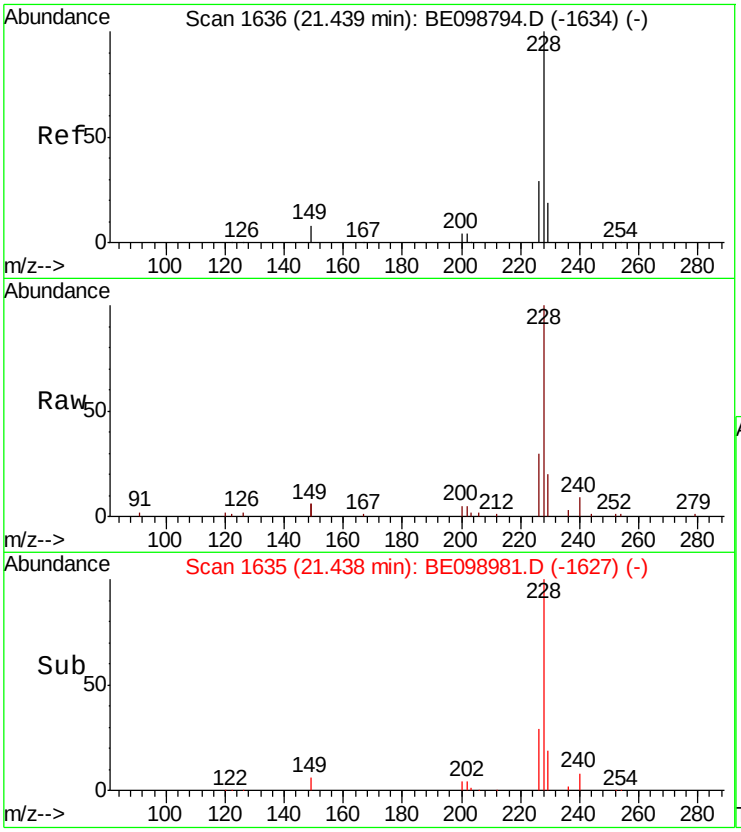


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:228 Resp: 7647

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	20.2	16.5	24.7



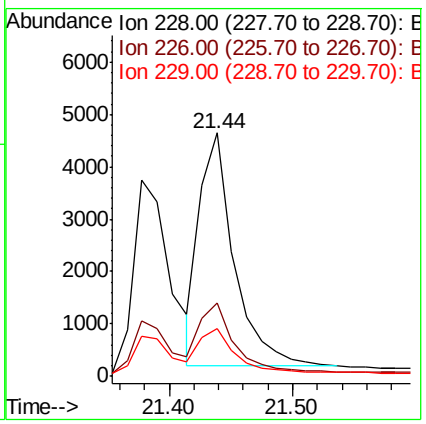


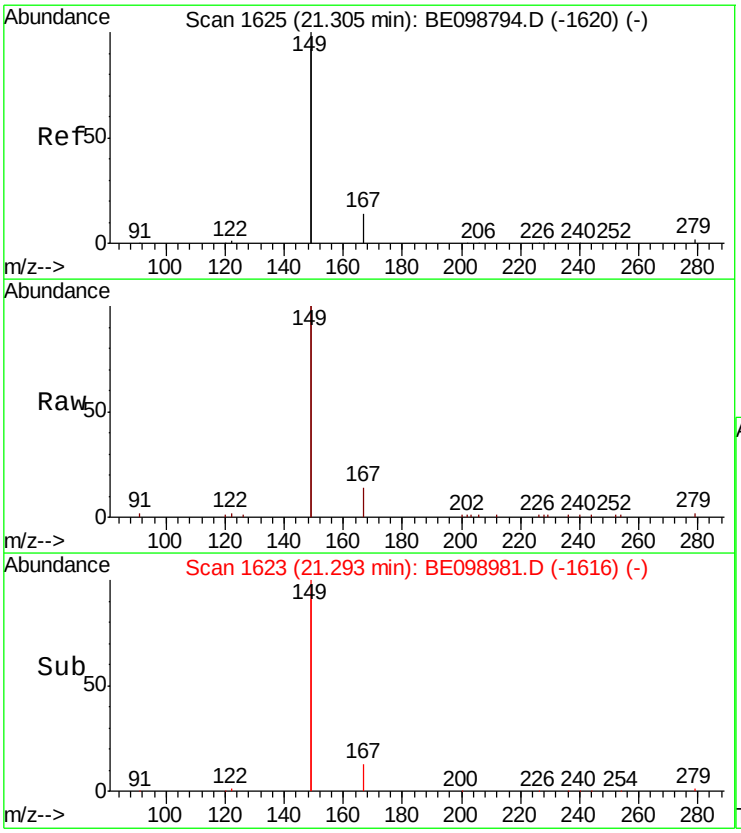
#31
Chrysene
Concen: 0.382 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 8677

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	19.8	16.1	24.1

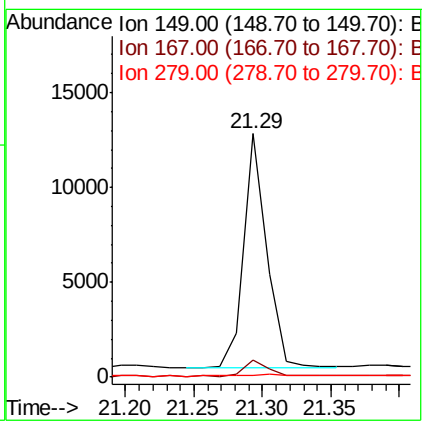


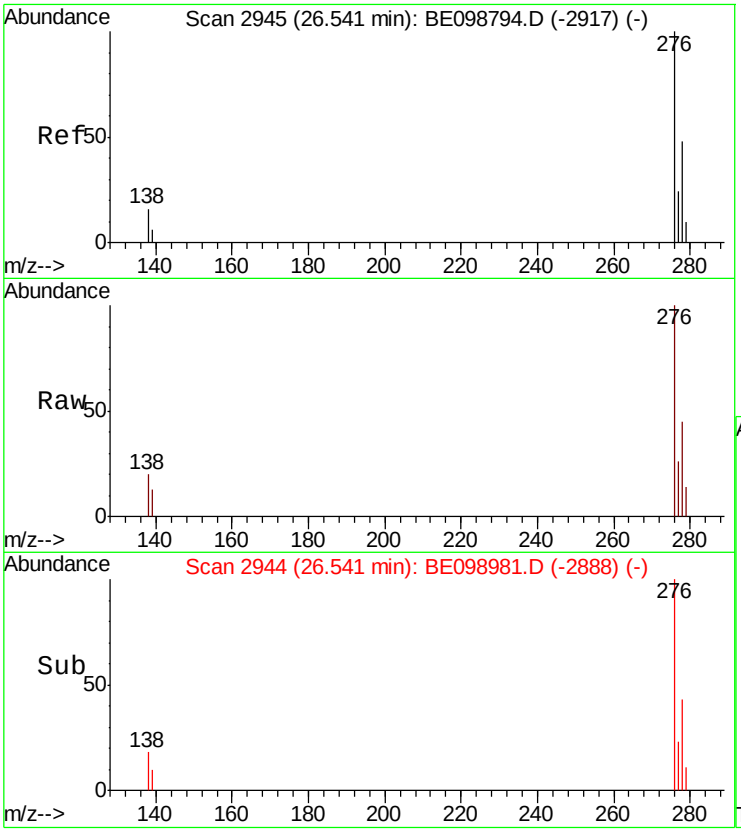


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.321 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:149 Resp: 14481

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.2	1.0	1.4



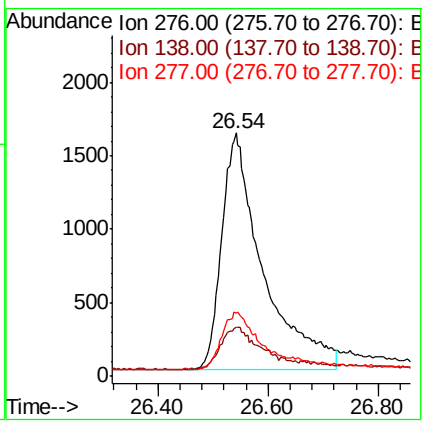


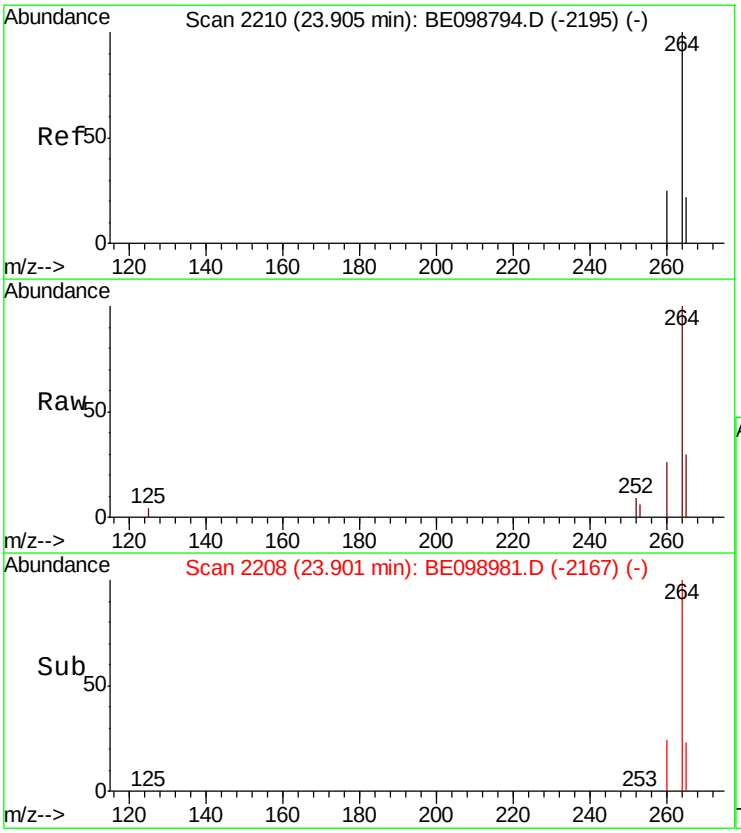
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8352

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.8	20.8
277	21.7	19.5	29.3

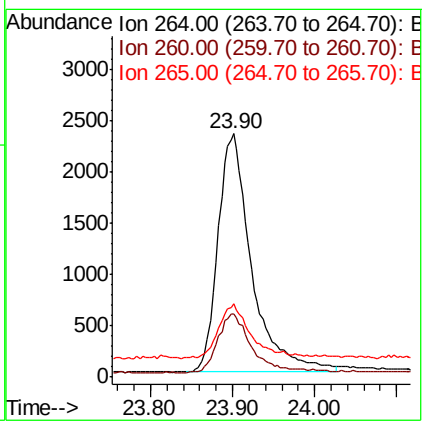


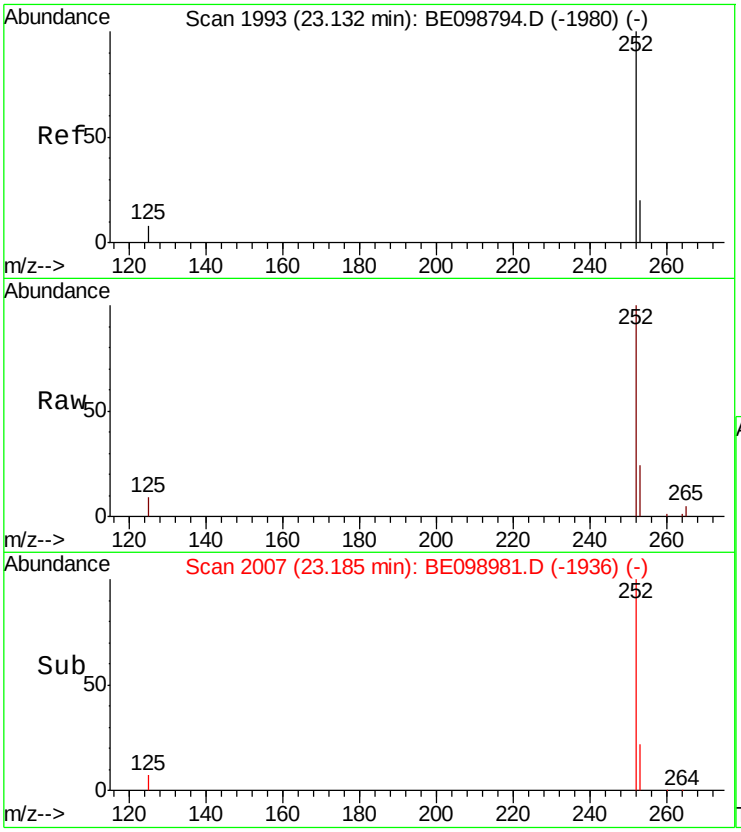


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:264 Resp: 6600

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	30.3	24.6	36.8



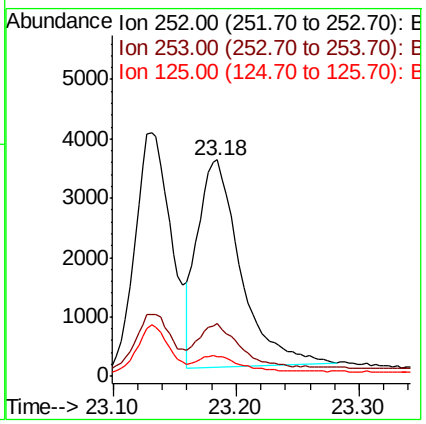


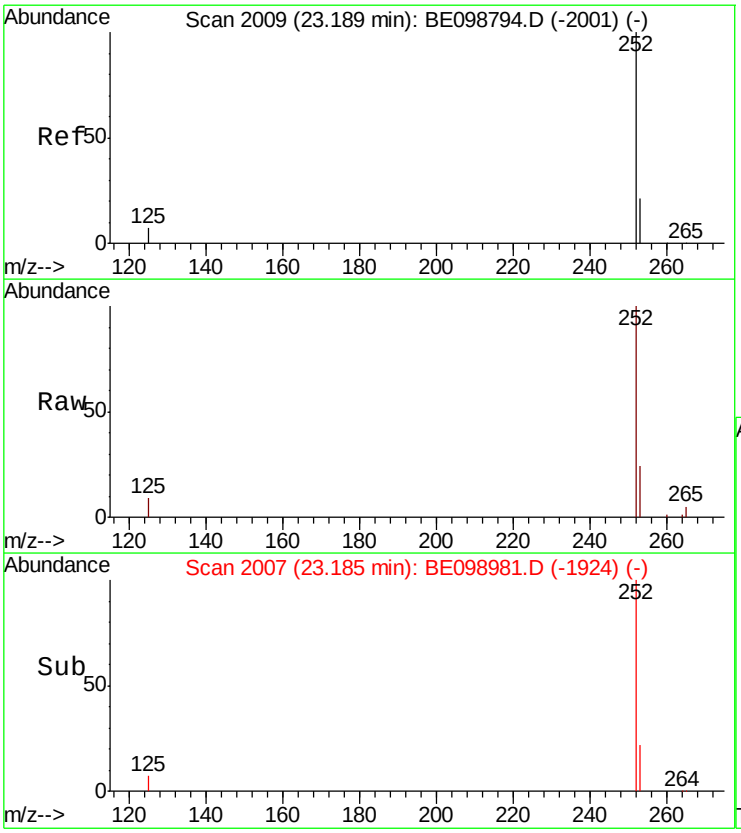
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8459

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	9.0	7.3	10.9

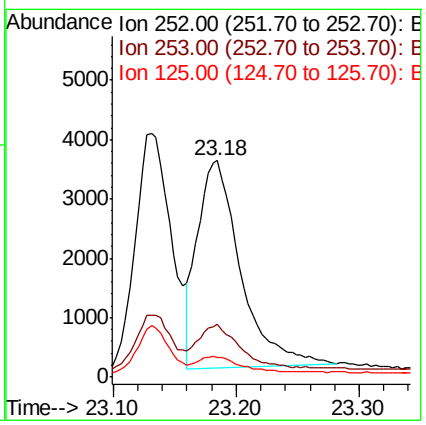


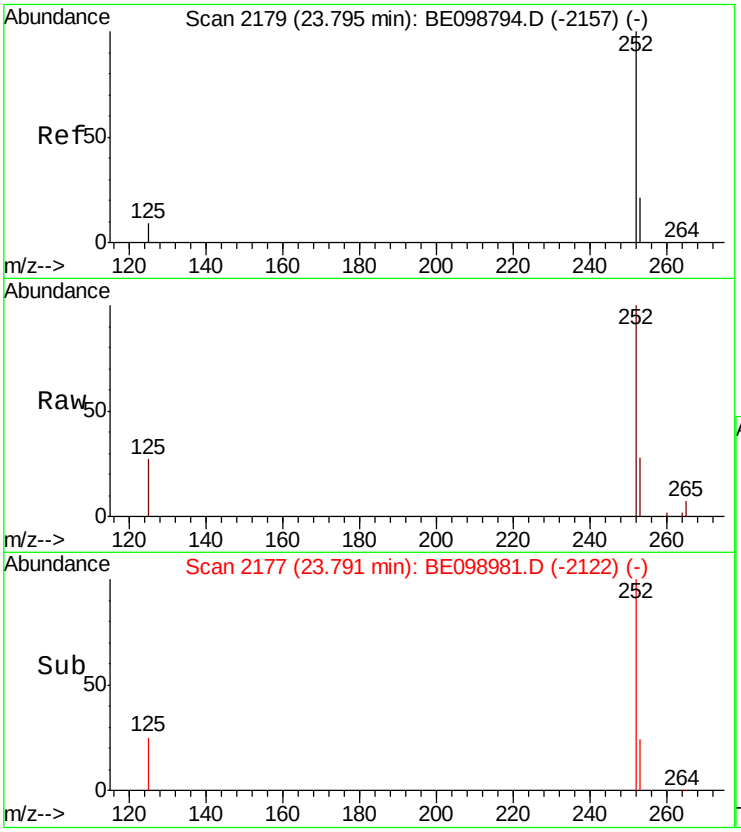


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:252 Resp: 8459

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	9.0	7.5	11.3



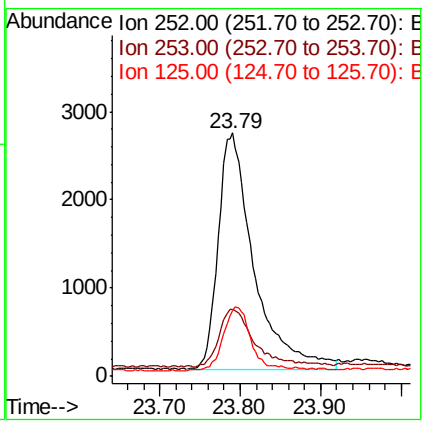


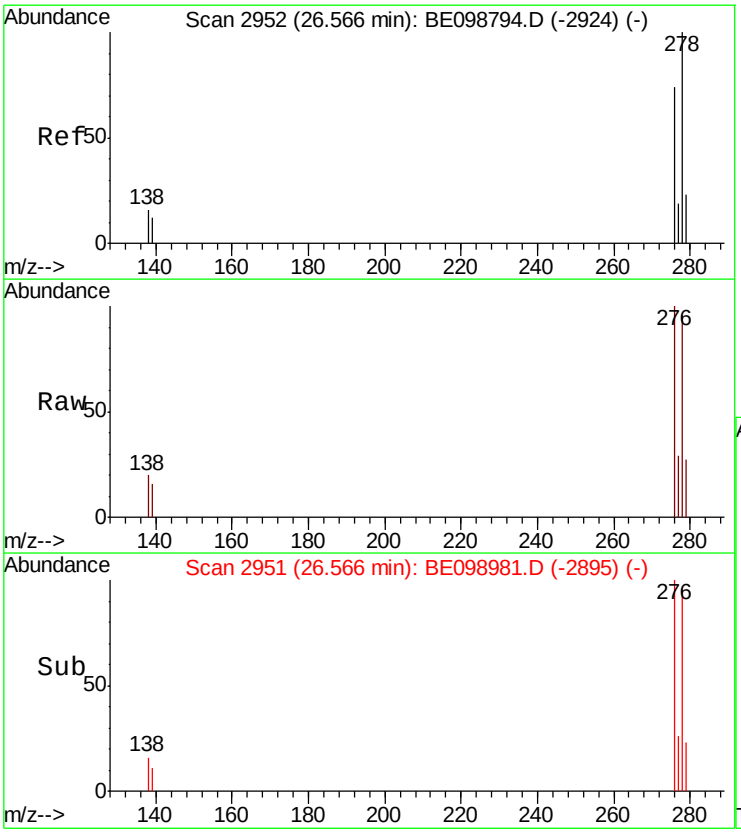
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8255

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.9	29.9
125	27.1	9.0	13.4#

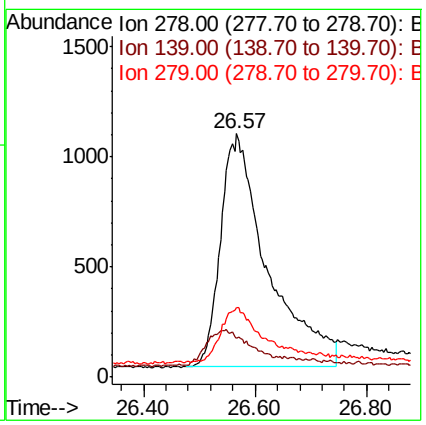


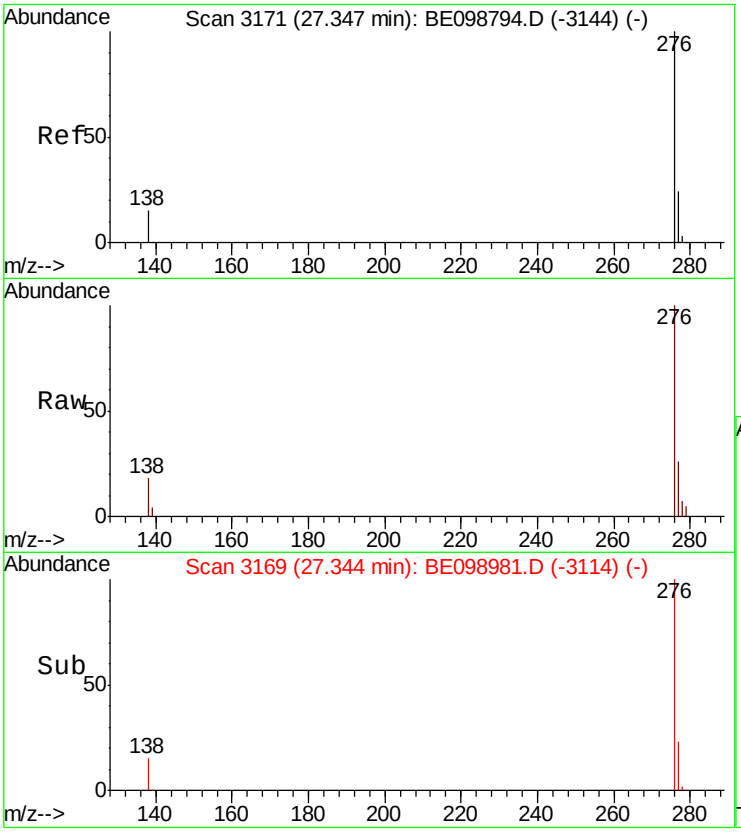


#38
Dibenzo(a,h)anthracene
Concen: 0.314 ng
RT: 26.57 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Tgt Ion:278 Resp: 6173

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.8	17.6
279	28.5	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BE098981.D
Acq: 15 Mar 2019 21:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7206

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.4	30.6
138	18.4	13.6	20.4