Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
Data File : BE098994.D
Acq On : 18 Mar 2019 10:59
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 19 01:42:20 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	7.80	152	803	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3715	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2483	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6079	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6625	0.40	ng		0.00
34) Perylene-d12	23.90	264	6264	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	738	0.31	ng		0.04
5) Phenol-d6	7.00	99	1218	0.36	ng		0.01
8) Nitrobenzene-d5	8.98	82	1667	0.43	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	2694	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	320	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	5672	0.55	ng		0.00
25) Fluoranthene-d10	19.24	212	32459	0.33	ng		0.00
29) Terphenyl-d14	19.84	244	19812	1.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	638	0.412	ng		92
3) n-Nitrosodimethylamine	3.67	42	207	0.102	ng	#	98
6) bis(2-Chloroethyl)ether	7.24	93	828	0.316	ng		86
9) Naphthalene	10.64	128	17162	0.403	ng		100
10) Hexachlorobutadiene	10.91	225	1108	0.394	ng		97
12) 2-Methylnaphthalene	12.27	142	2609	0.378	ng		98
16) Acenaphthylene	14.18	152	4992	0.391	ng		97
17) Acenaphthene	14.51	154	3008	0.397	ng		98
18) Fluorene	15.50	166	4042	0.370	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1287	0.391	ng	#	83
21) Hexachlorobenzene	16.52	284	1575	0.402	ng		95
22) Pentachlorophenol	16.87	266	9	0.271	ng		87
23) Phenanthrene	17.25	178	6529	0.378	ng		100
24) Anthracene	17.35	178	4874	0.330	ng		99
26) Fluoranthene	19.28	202	8550	0.351	ng		99
28) Pyrene	19.64	202	8580	0.423	ng		99
30) Benzo(a)anthracene	21.38	228	7508	0.363	ng		99
31) Chrysene	21.44	228	8621	0.390	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11936	0.271	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	6841	0.293	ng	#	90
35) Benzo(b)fluoranthene	23.18	252	8923	0.433	ng		97
36) Benzo(k)fluoranthene	23.18	252	9581	0.444	ng		99
37) Benzo(a)pyrene	23.79	252	7886	0.399	ng	#	95
38) Dibenzo(a,h)anthracene	26.57	278	5442	0.291	ng	#	92
39) Benzo(g,h,i)perylene	27.34	276	6313	0.323	ng	#	93

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

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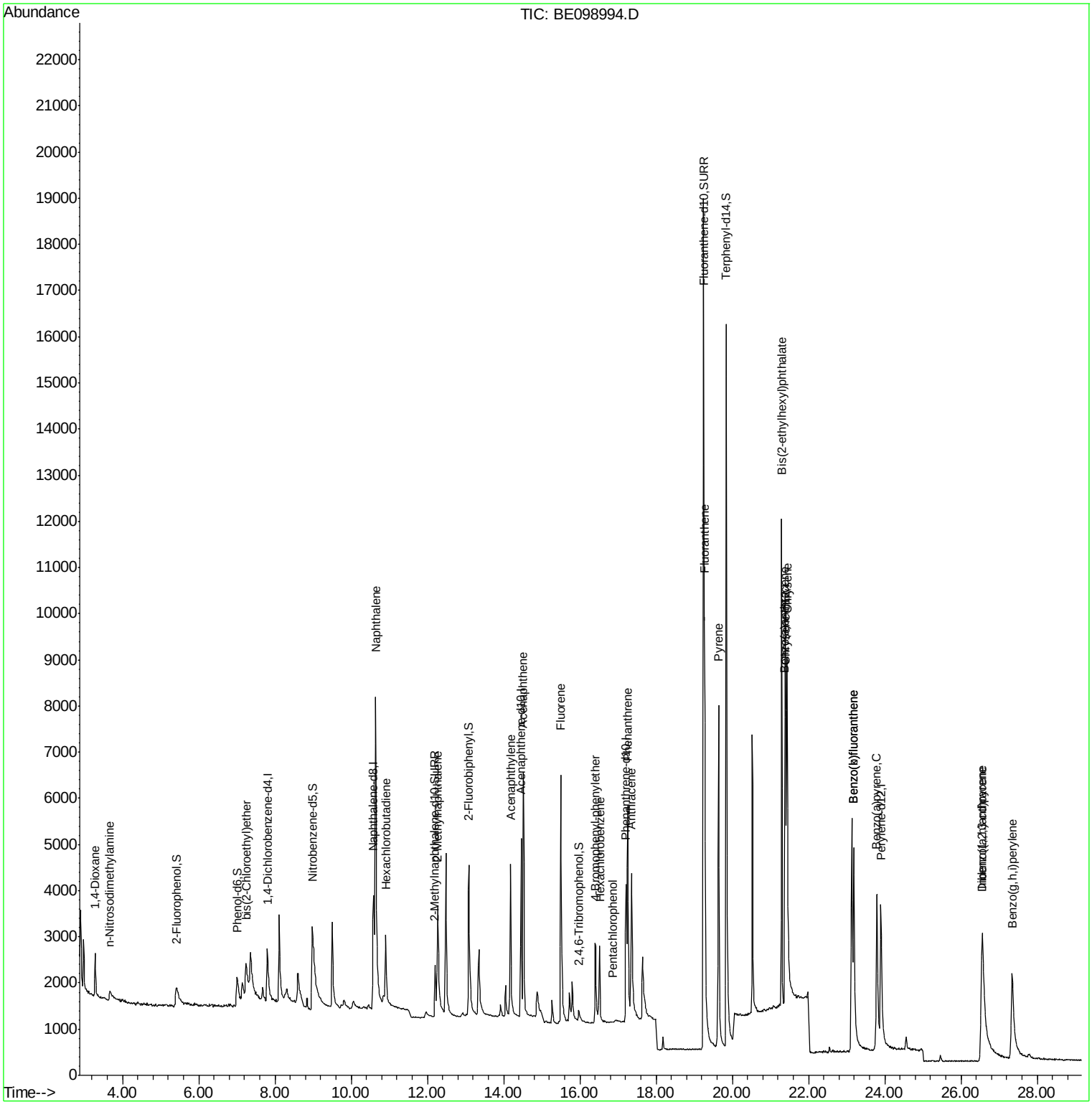
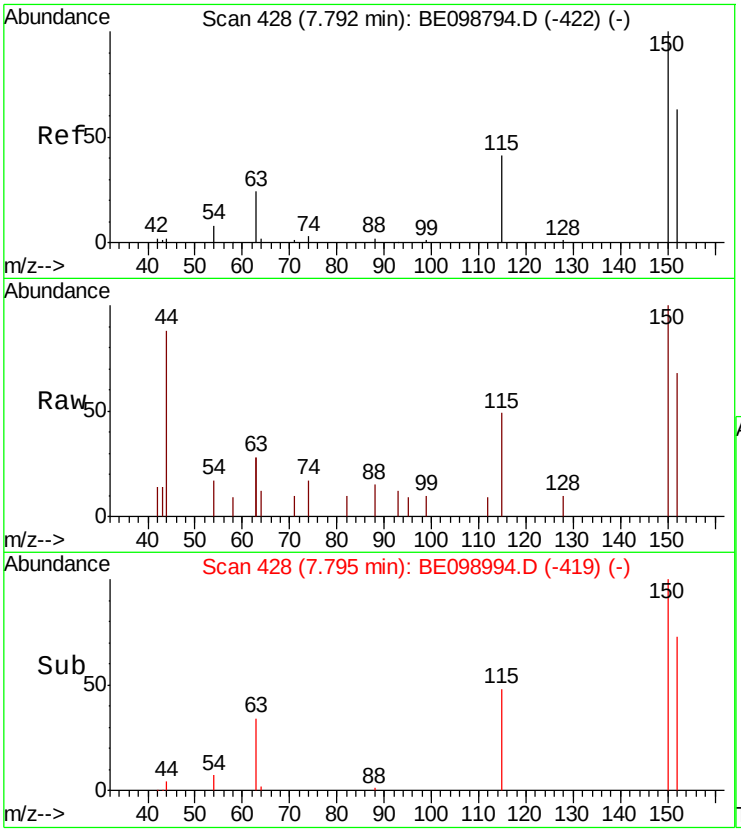
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 19 01:42:20 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



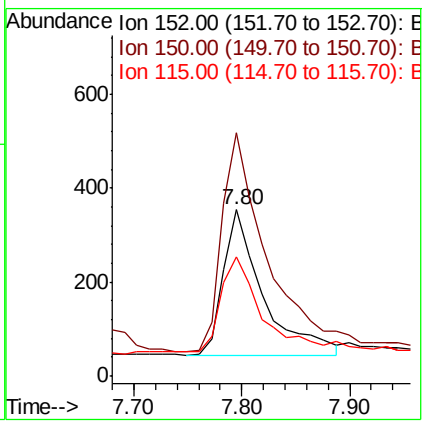


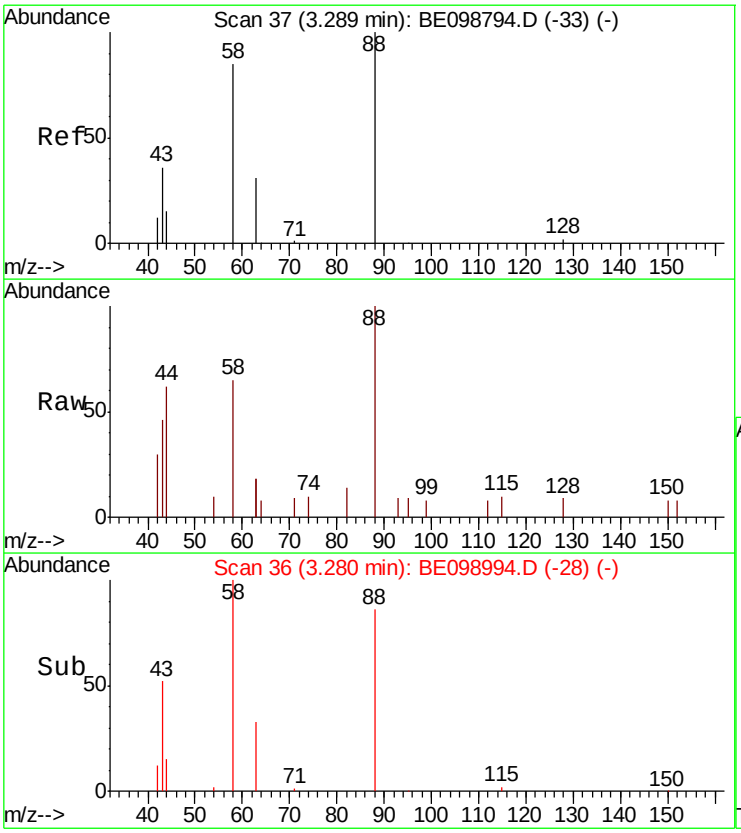
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 803

Ion	Ratio	Lower	Upper
152	100		
150	146.3	122.5	183.7
115	71.5	57.4	86.2

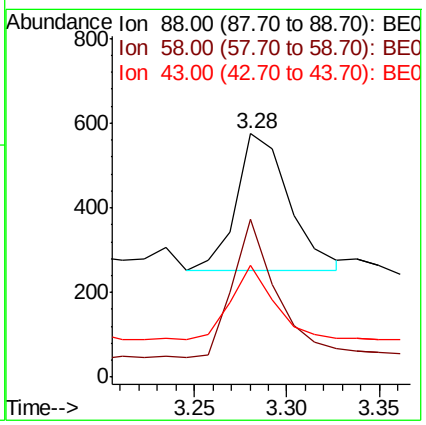


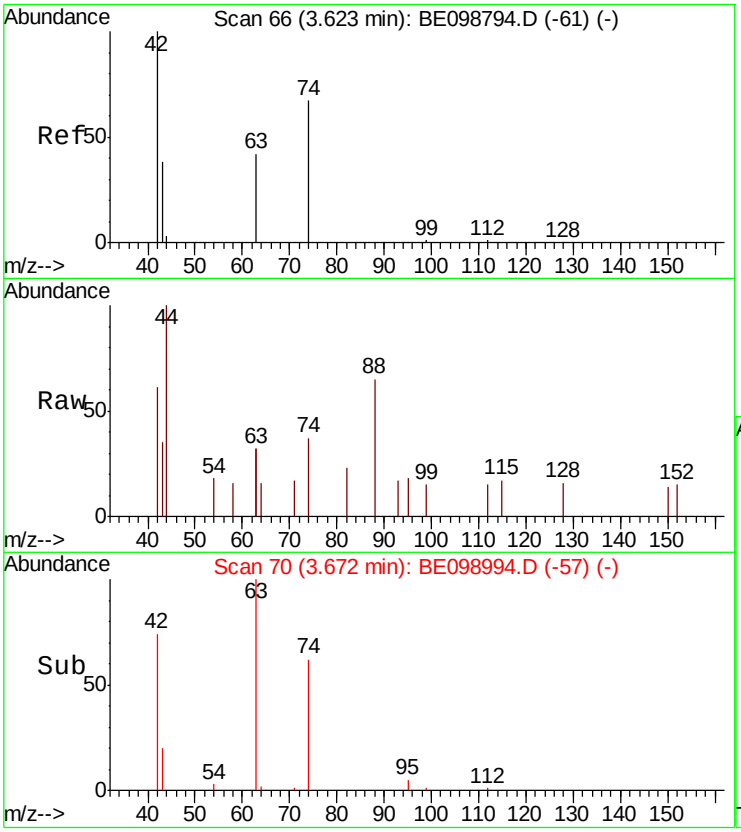


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion: 88 Resp: 638

Ion	Ratio	Lower	Upper
88	100		
58	86.8	75.8	113.6
43	45.9	41.8	62.8



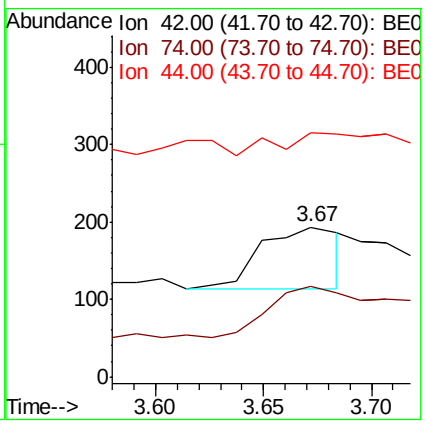


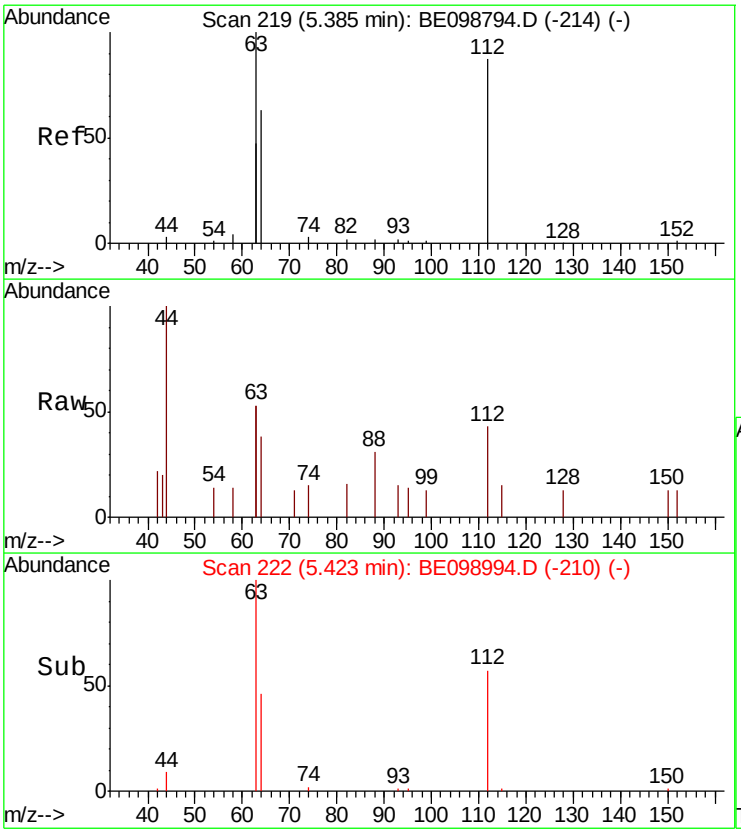
#3
n-Nitrosodimethylamine
Concen: 0.102 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.05 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 207

Ion	Ratio	Lower	Upper
42	100		
74	72.9	57.0	85.4
44	0.0	0.0	0.0

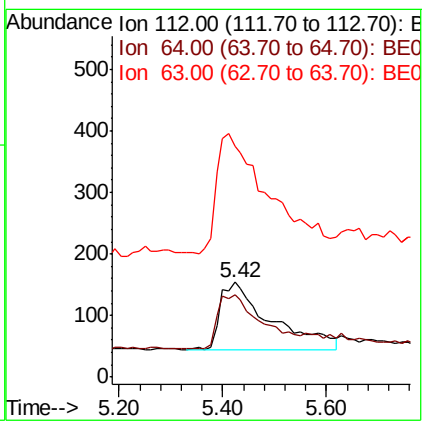


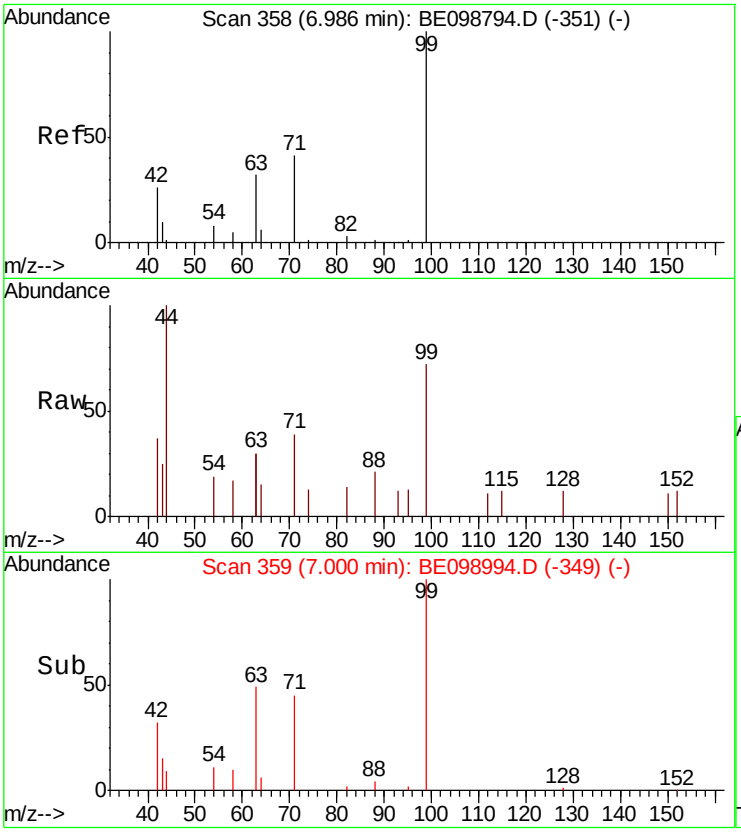


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:112 Resp: 738

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.9	86.9
63	184.4	158.3	237.5



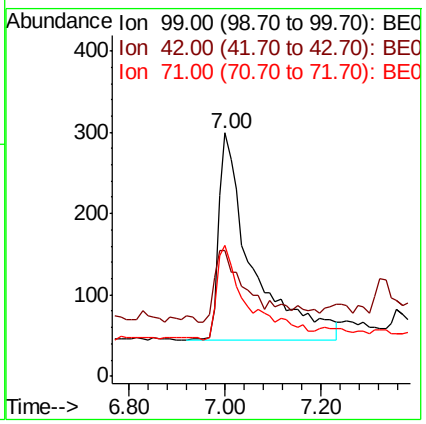


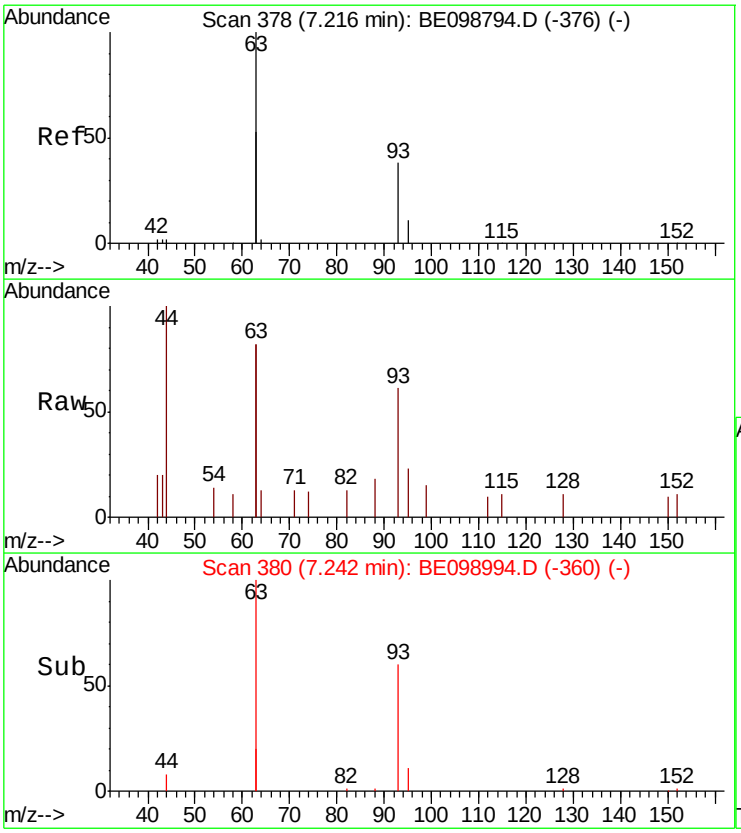
#5
Phenol-d6
Concen: 0.359 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1218

Ion	Ratio	Lower	Upper
99	100		
42	30.2	24.2	36.2
71	44.5	35.7	53.5

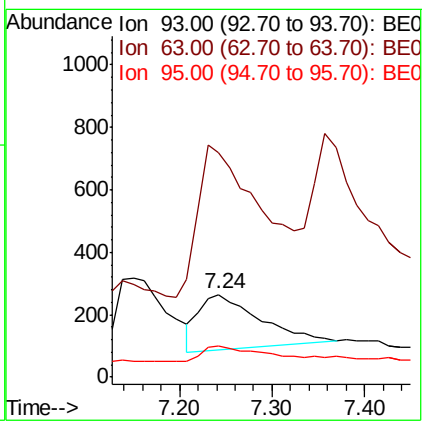


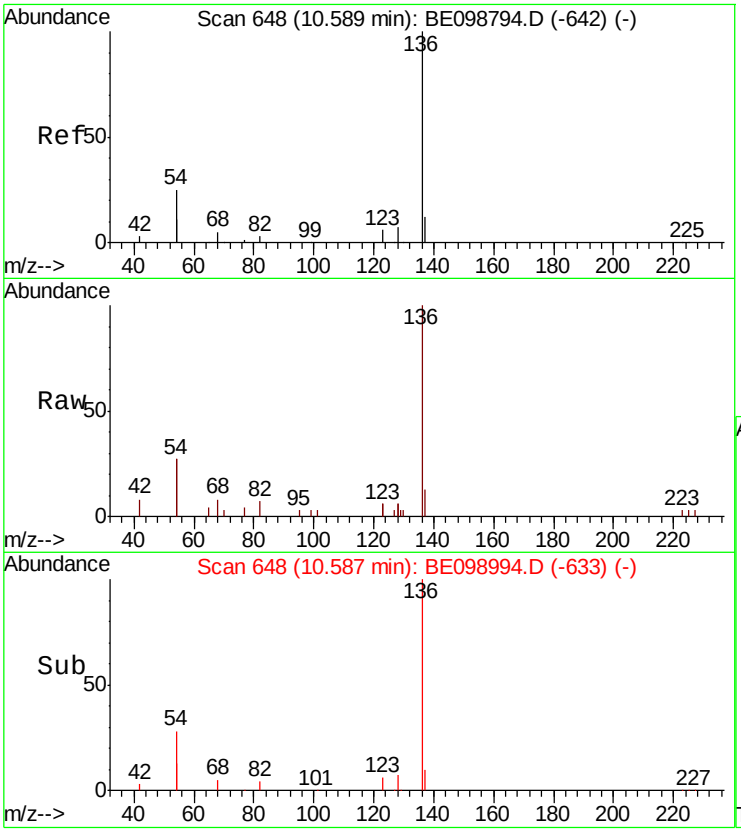


#6
bis(2-Chloroethyl)ether
Concen: 0.316 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.03 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion: 93 Resp: 828

Ion	Ratio	Lower	Upper
93	100		
63	281.3	247.5	371.3
95	31.9	21.8	32.8



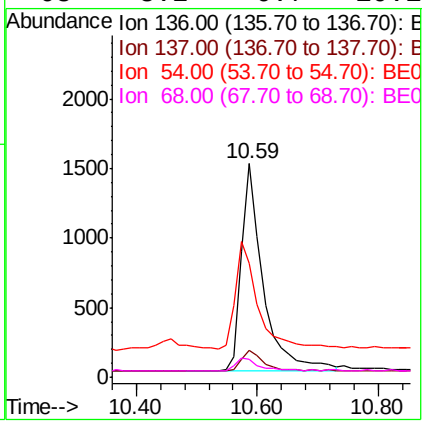


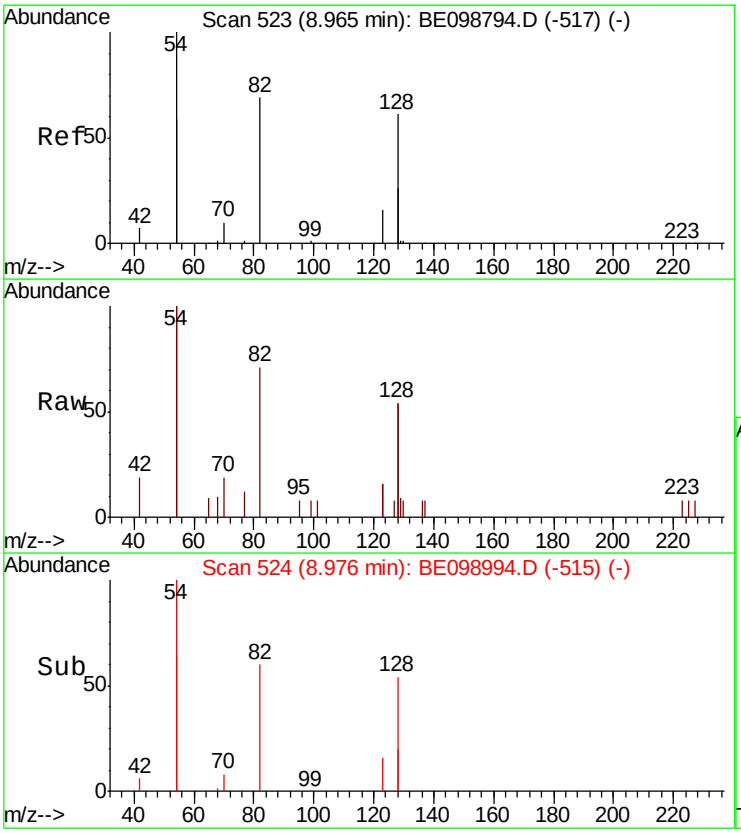
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3715

Ion	Ratio	Lower	Upper
136	100		
137	12.8	11.4	17.0
54	53.3	39.3	58.9
68	8.2	6.7	10.1

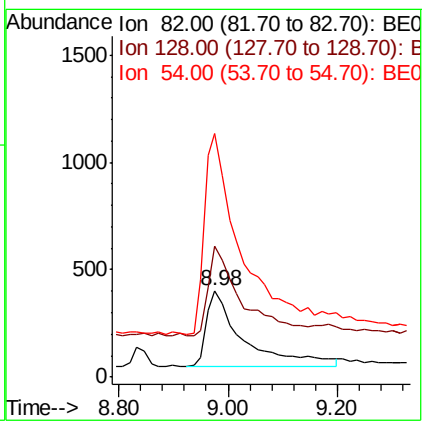


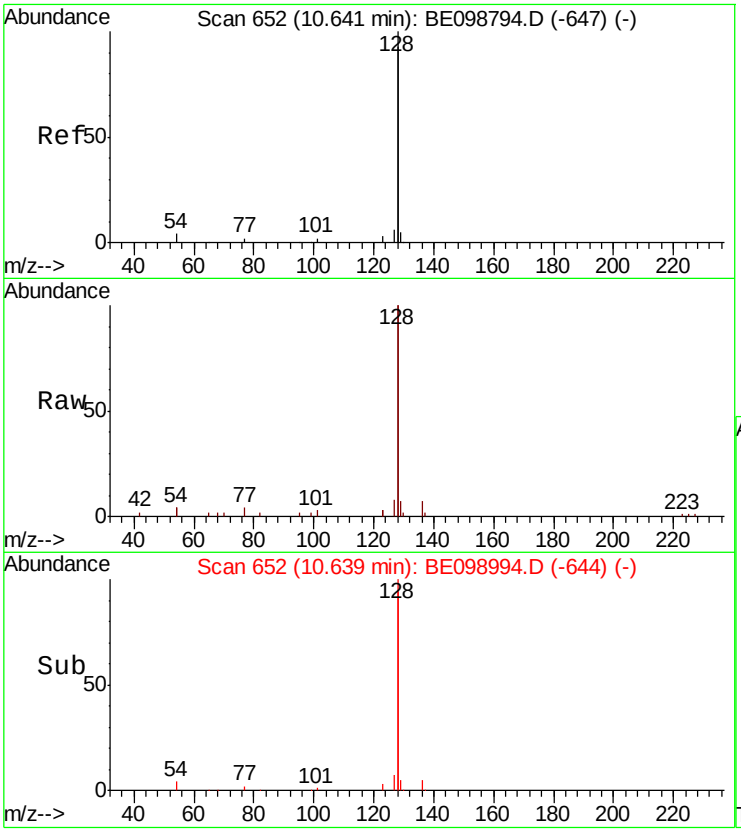


#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion: 82 Resp: 1667

Ion	Ratio	Lower	Upper
82	100		
128	151.7	123.8	185.8
54	282.1	203.4	305.2



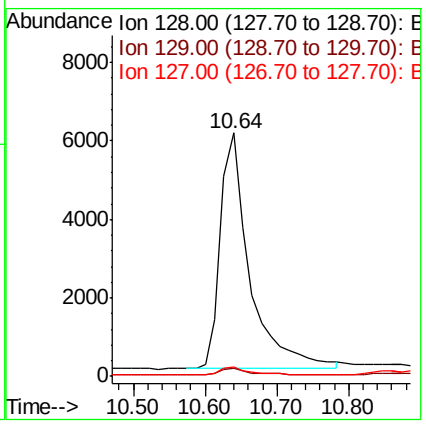


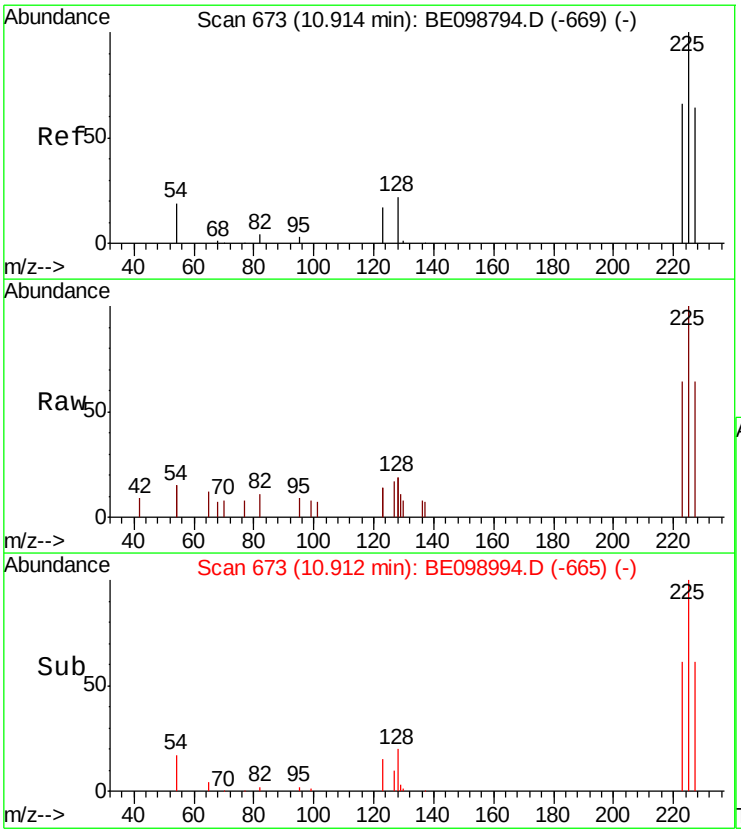
#9
Naphthalene
Concen: 0.403 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17162

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

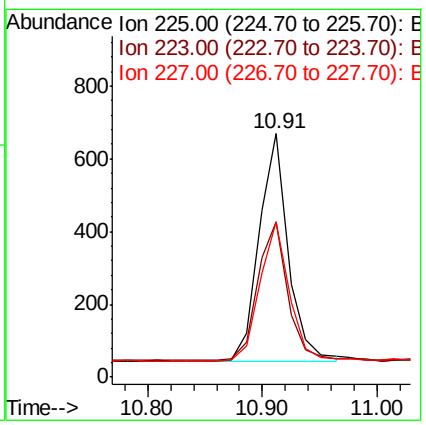


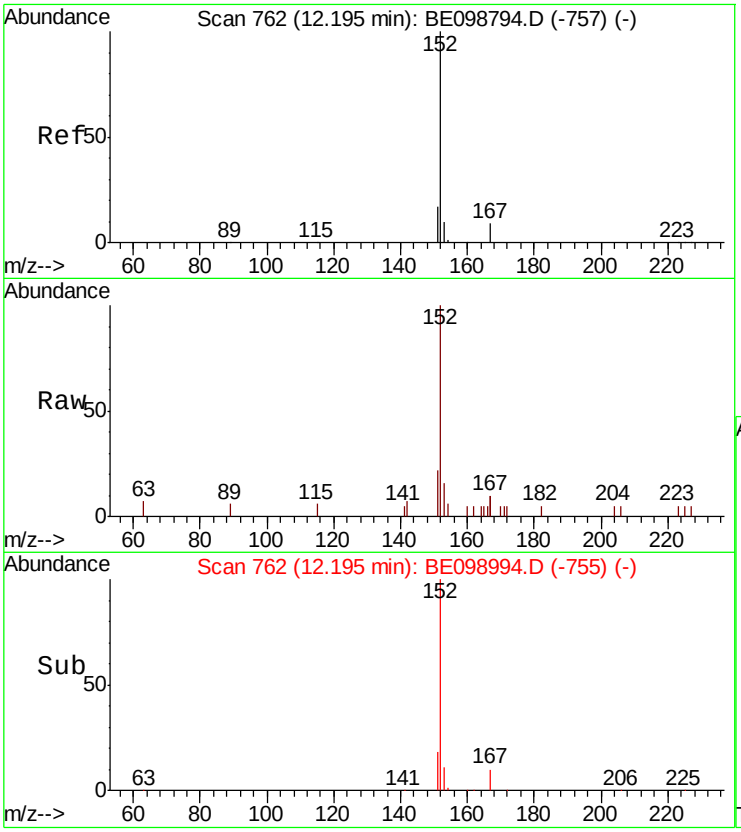


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:225 Resp: 1108

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	61.8	51.6	77.4



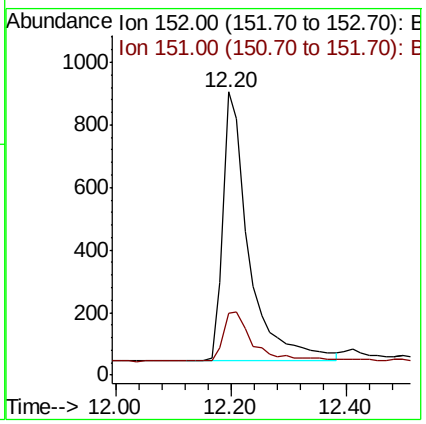


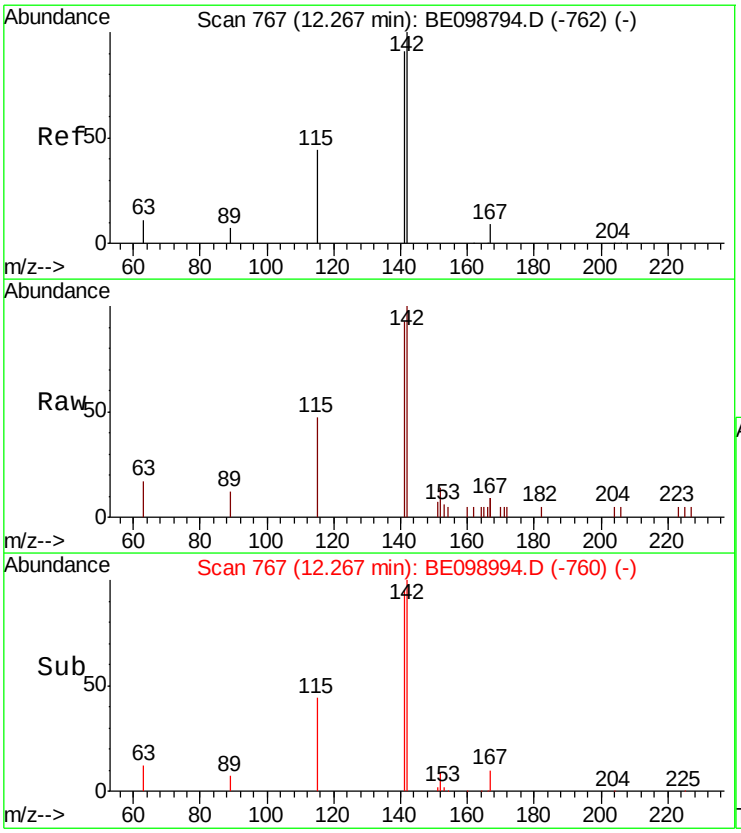
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2694

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7

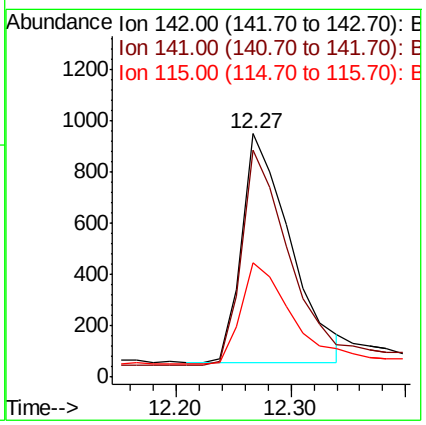


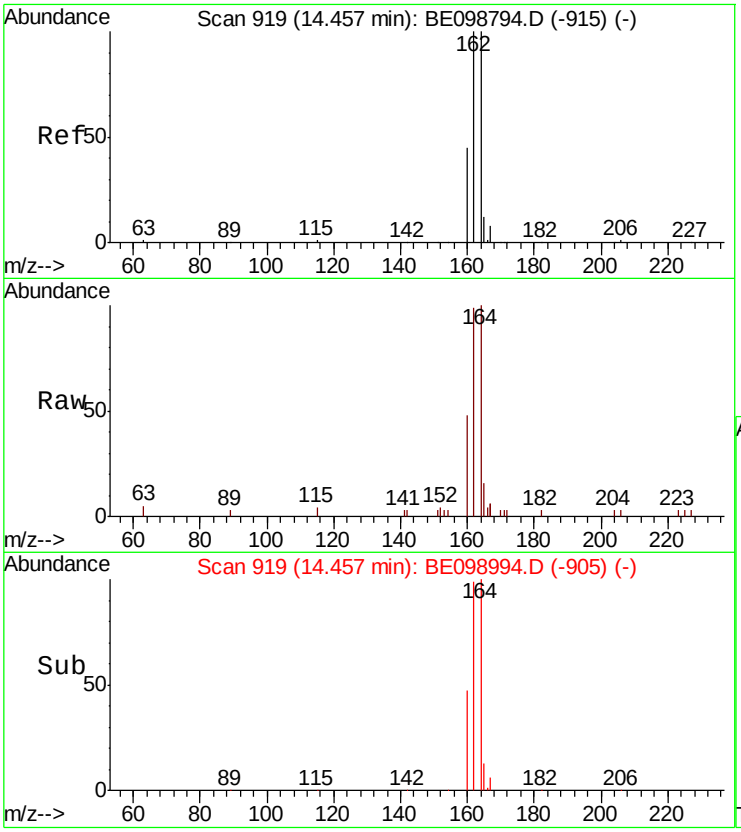


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:142 Resp: 2609

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	108.8
115	46.9	37.4	56.2



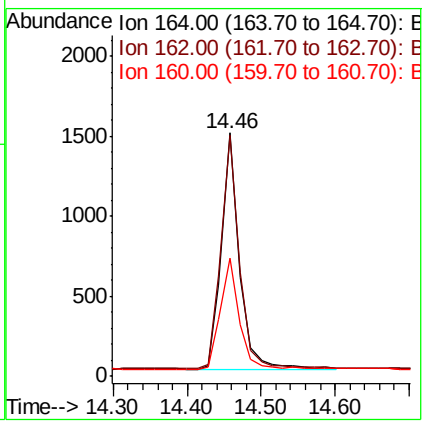


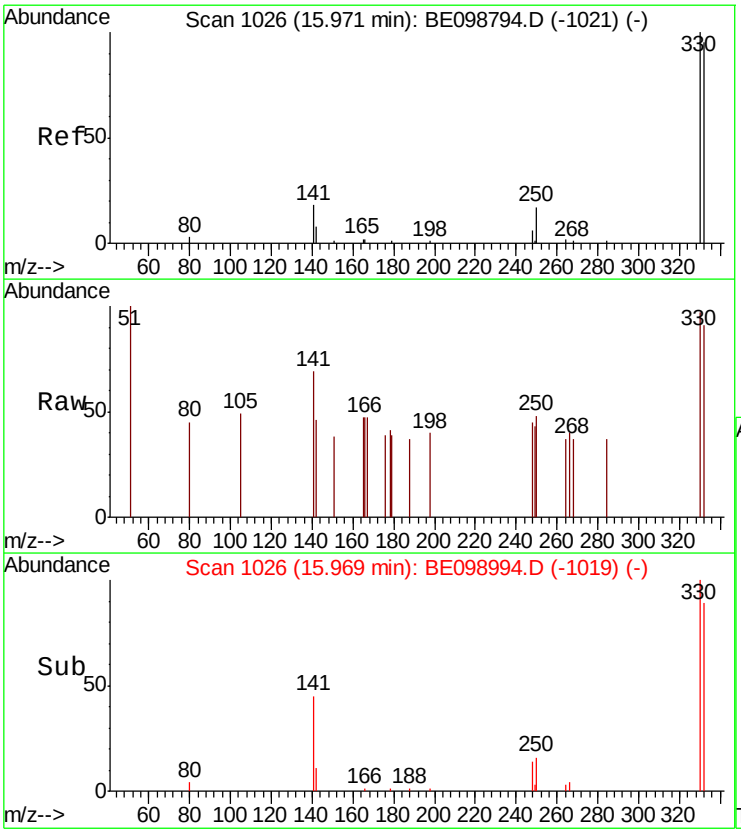
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2483

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.2
160	48.3	37.8	56.8

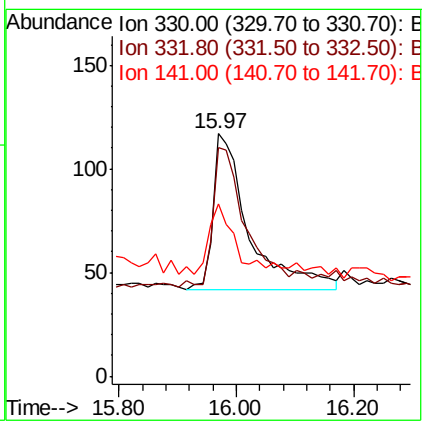


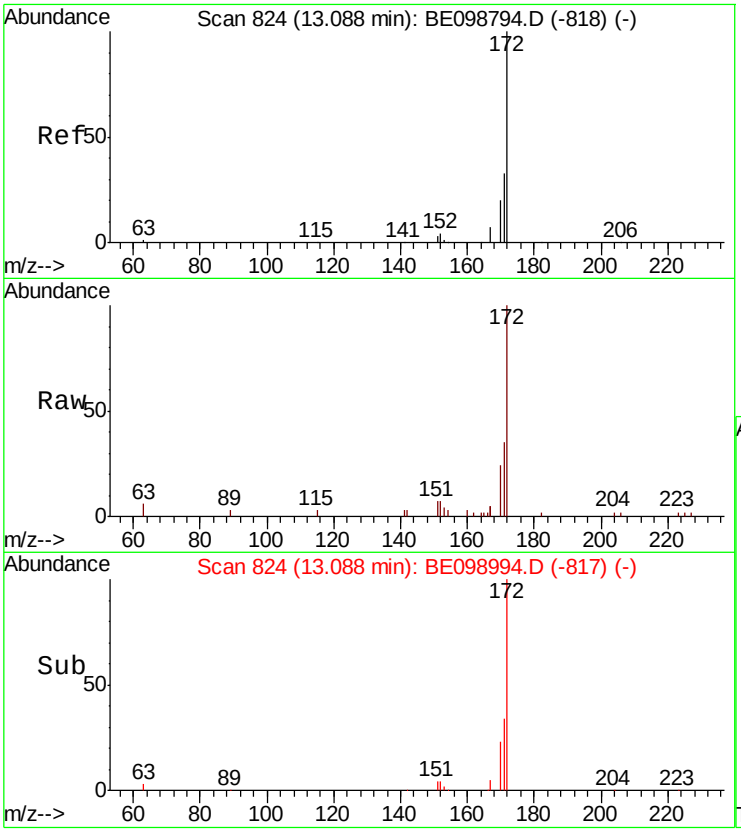


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	87.5	77.6	116.4
141	35.3	31.0	46.4



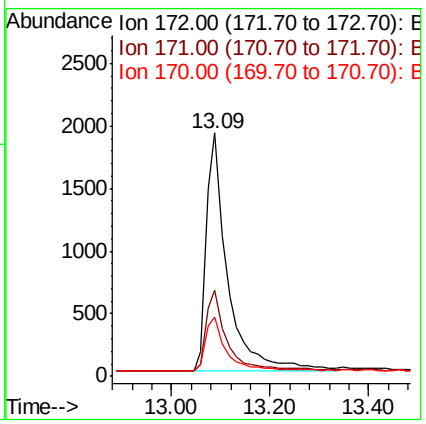


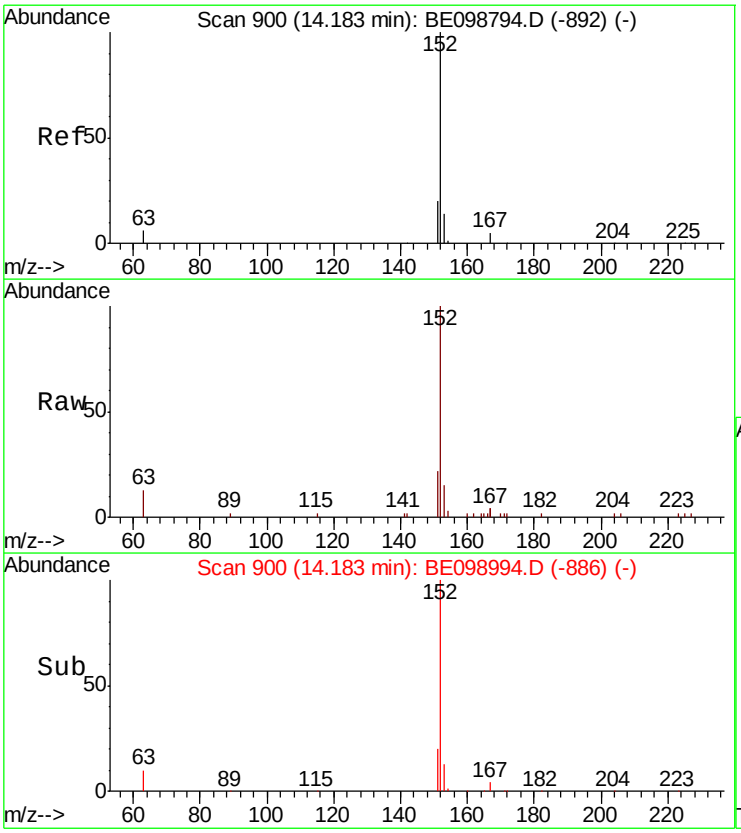
#15
2-Fluorobiphenyl
Concen: 0.552 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5672

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	24.4	17.7	26.5

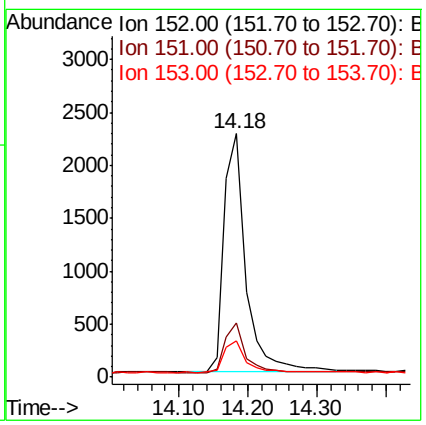


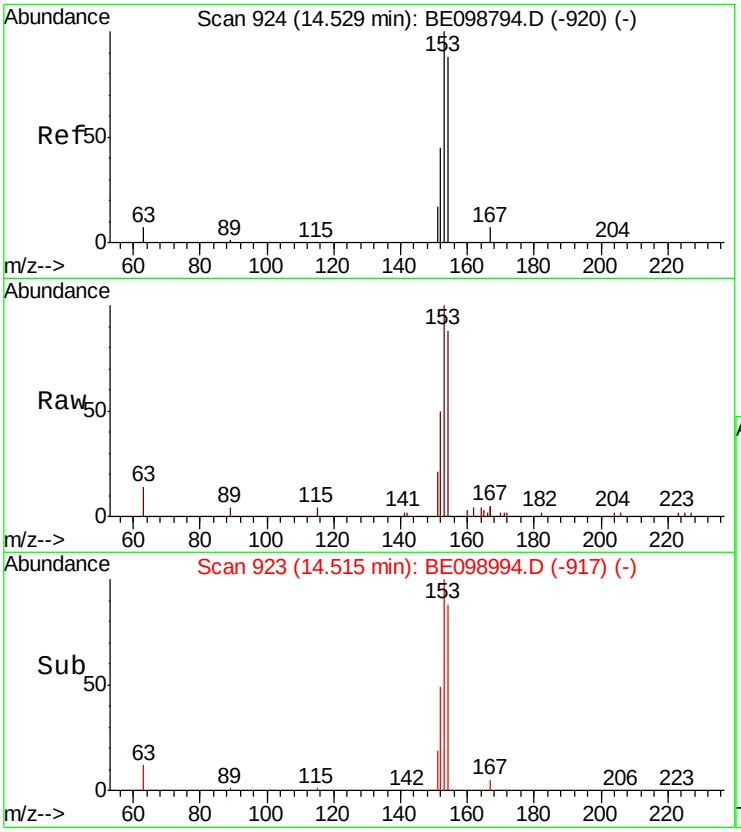


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:152 Resp: 4992

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.3	11.2	16.8



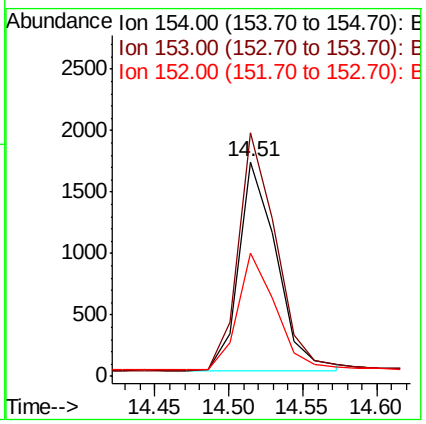


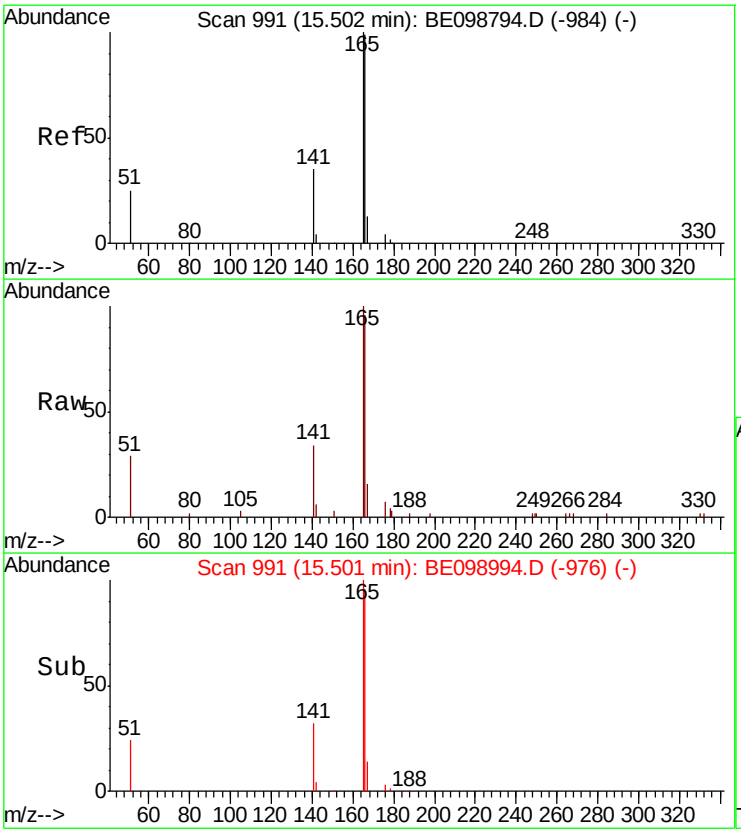
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3008

Ion	Ratio	Lower	Upper
154	100		
153	114.8	94.2	141.4
152	55.9	45.0	67.4

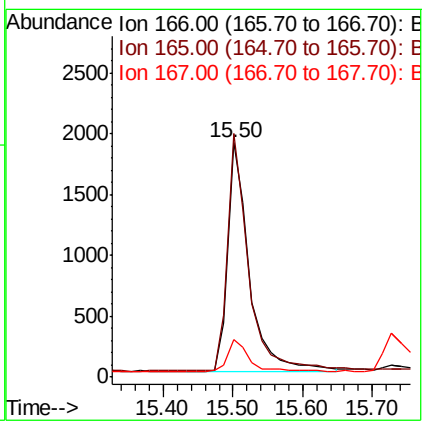


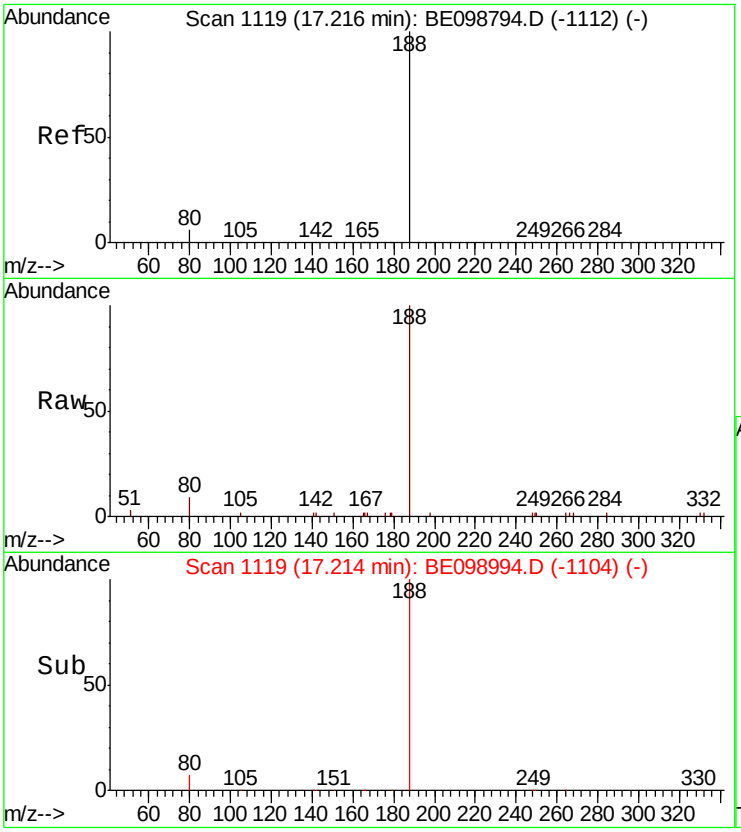


#18
Fluorene
Concen: 0.370 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:166 Resp: 4042

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.3	118.9
167	13.6	10.5	15.7



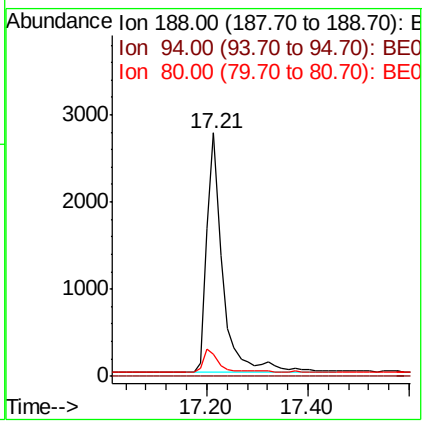


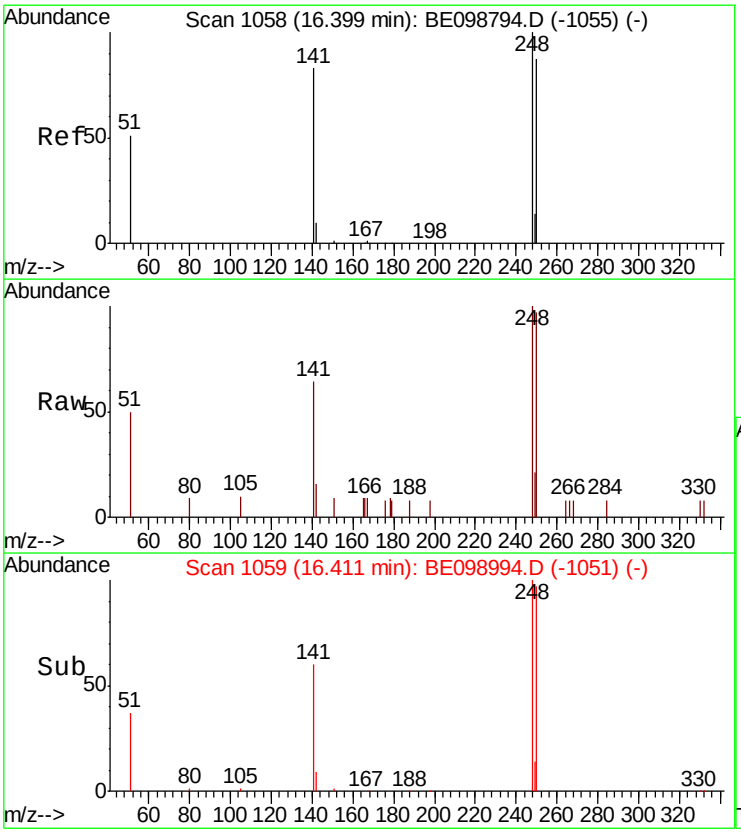
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6079

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5

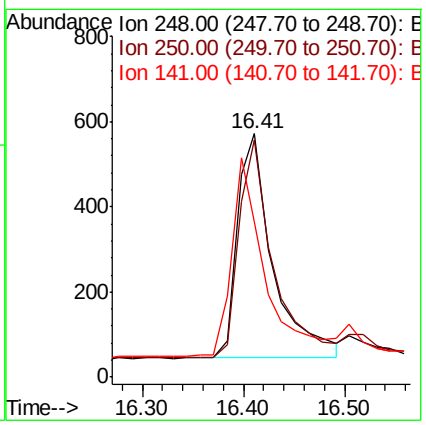


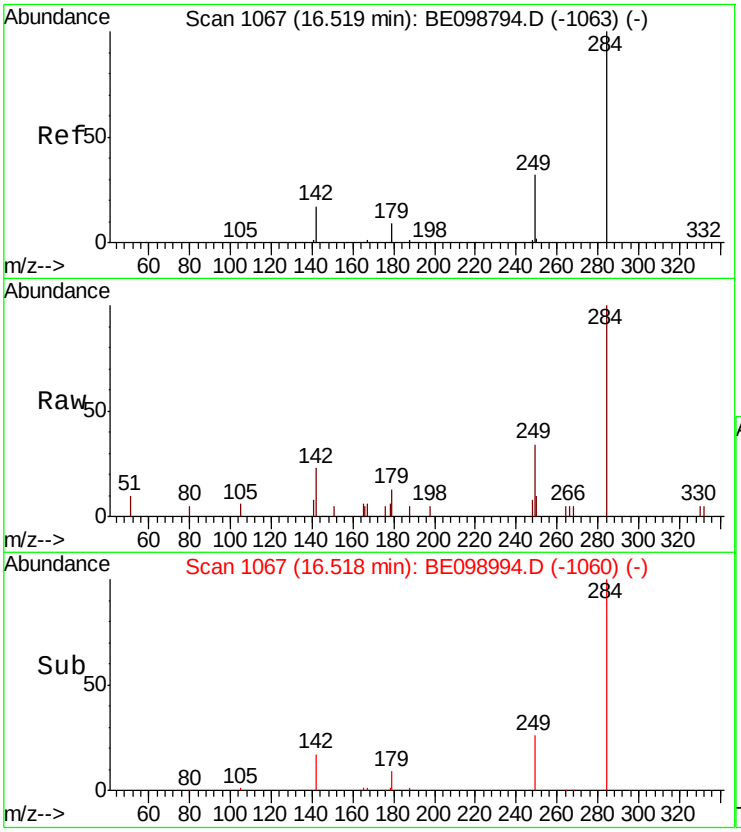


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:248 Resp: 1287

Ion	Ratio	Lower	Upper
248	100		
250	97.2	70.6	105.8
141	63.6	68.6	102.8#



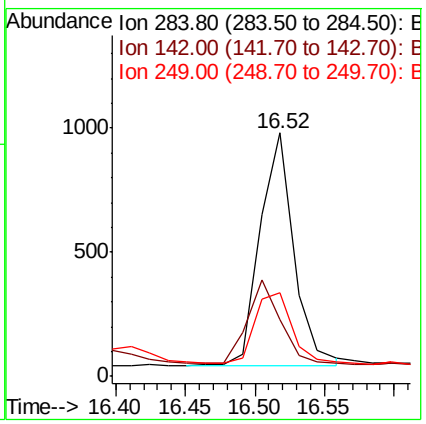


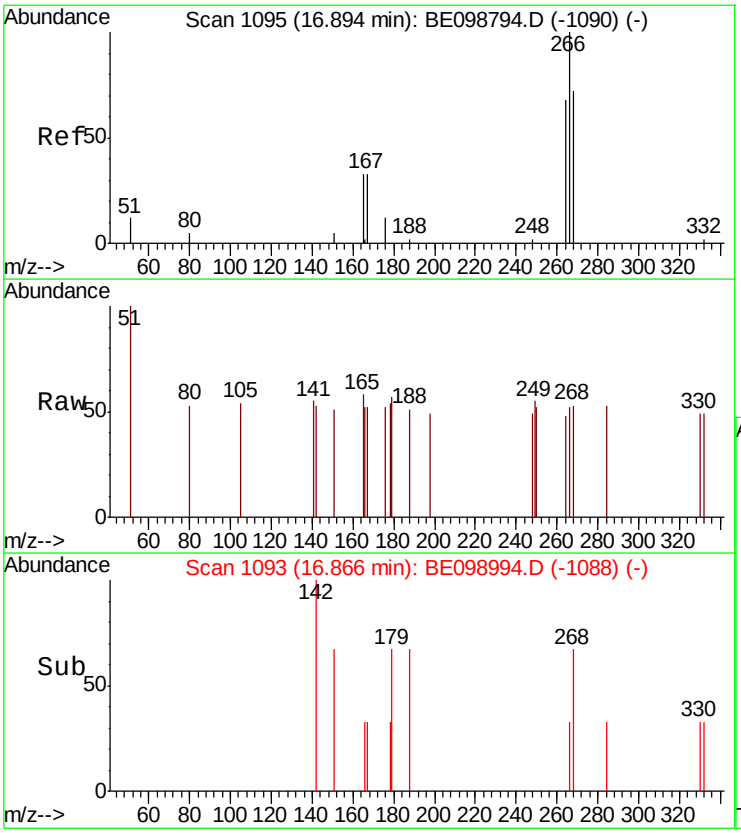
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1575

Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.7	43.1
249	32.8	29.6	44.4

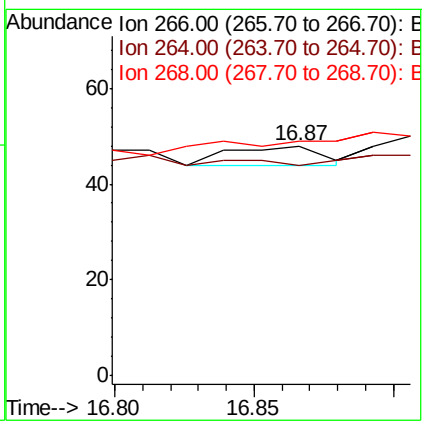


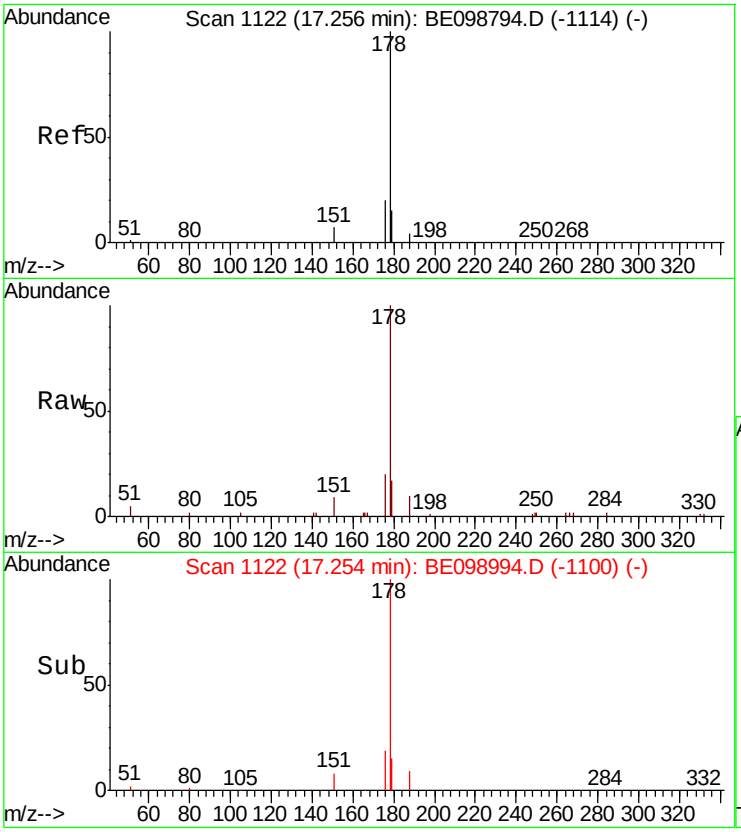


#22
Pentachlorophenol
Concen: 0.271 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	91.7	66.6	100.0
268	102.1	69.8	104.8



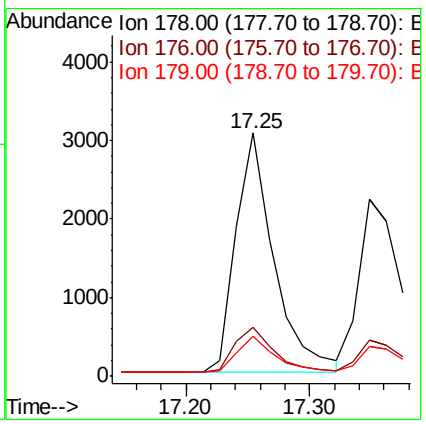


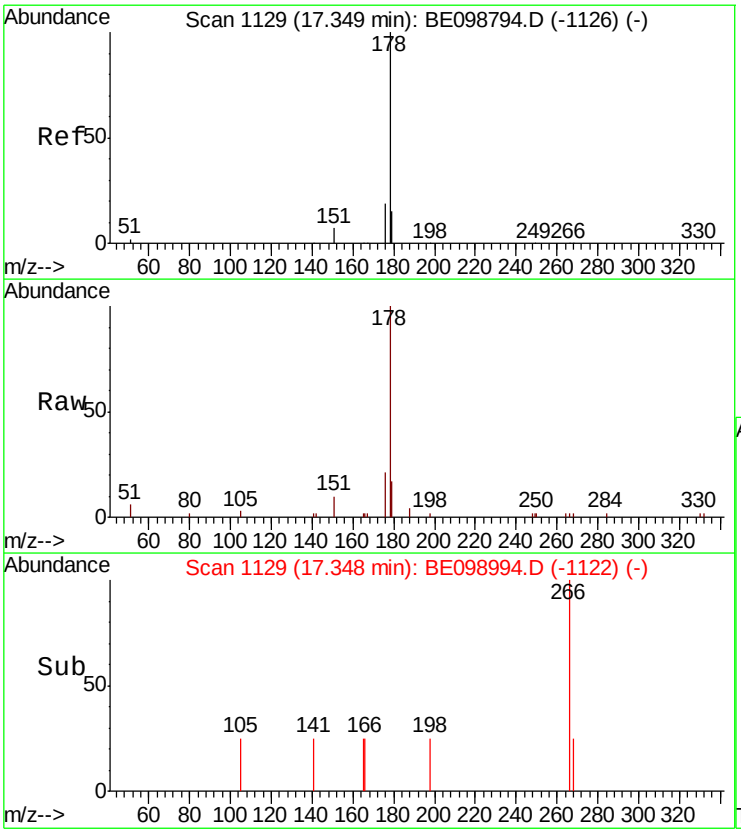
#23
Phenanthrene
Concen: 0.378 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6529

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.3	12.1	18.1

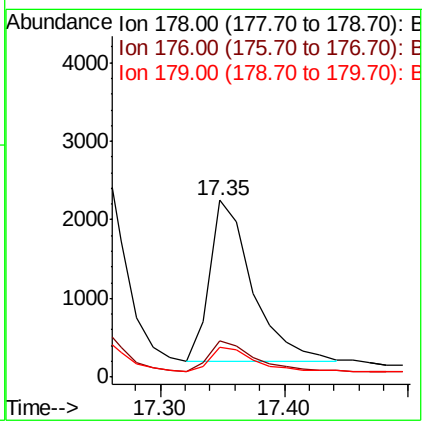


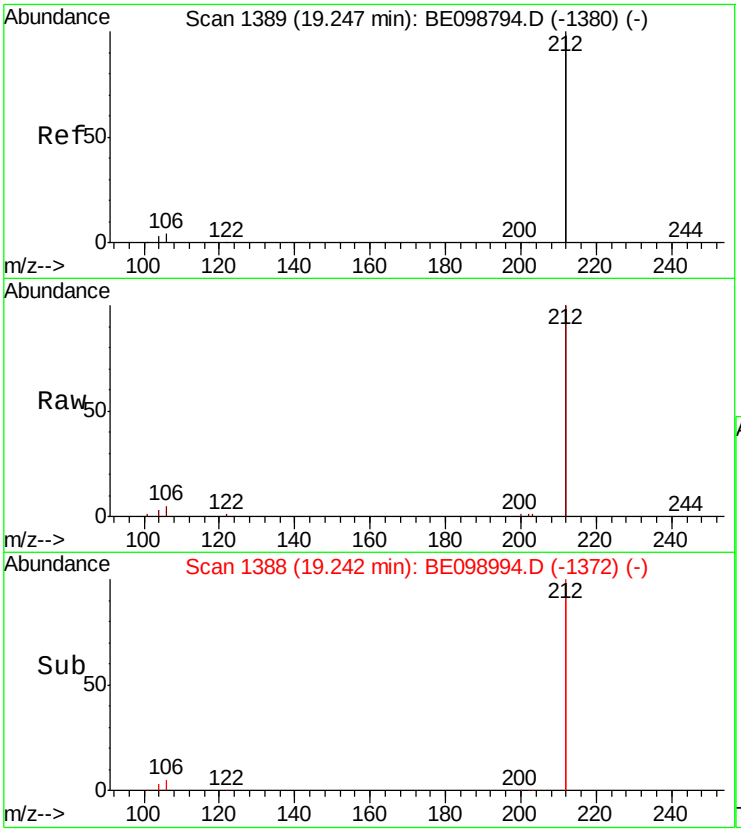


#24
Anthracene
Concen: 0.330 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:178 Resp: 4874

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.0	12.2	18.4



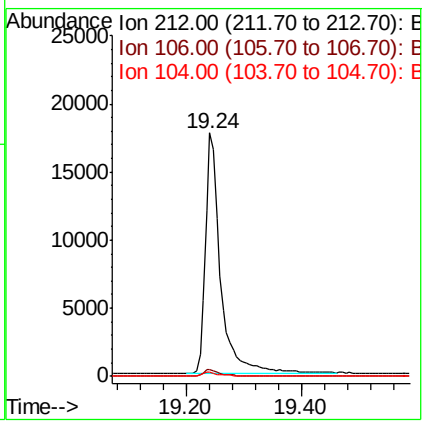


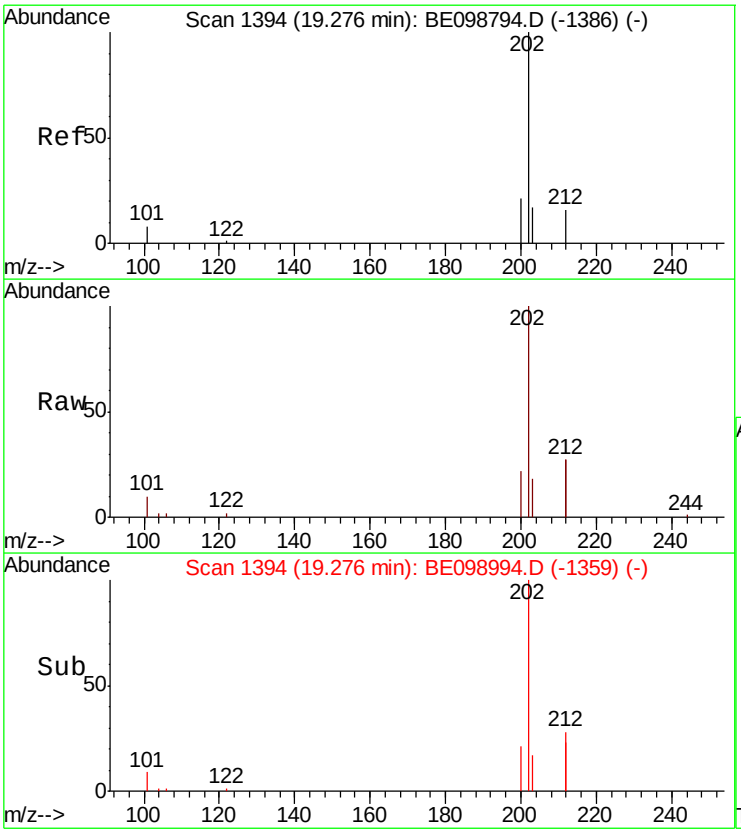
#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32459

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.5	1.0	1.6

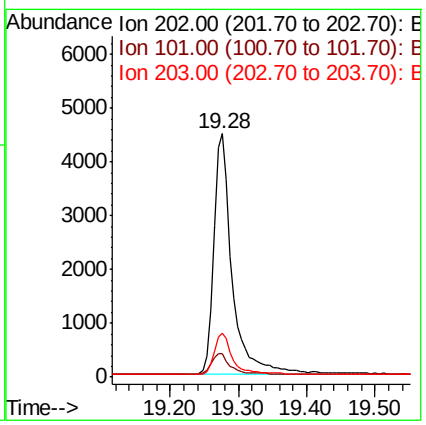


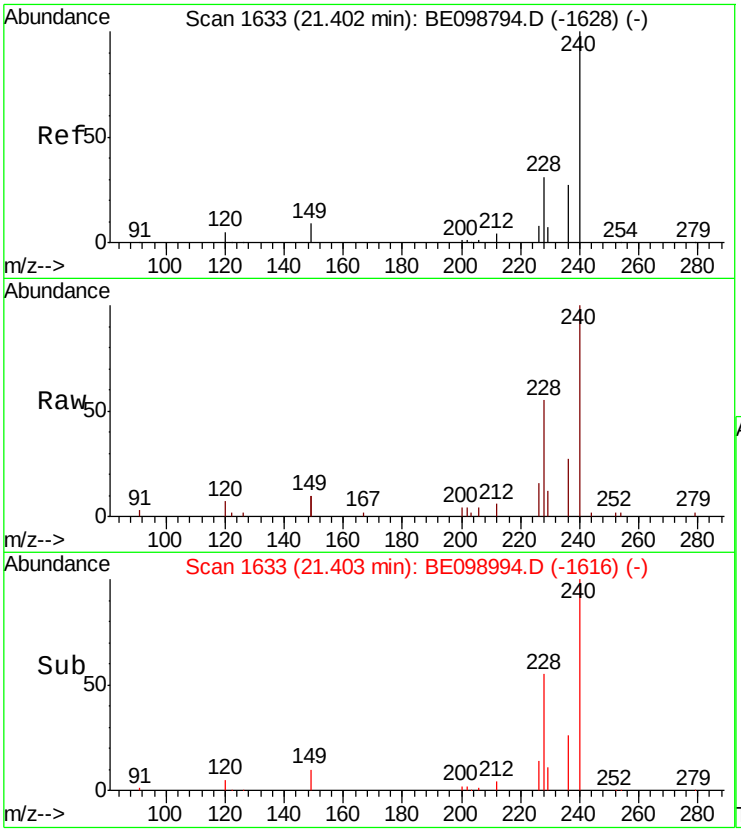


#26
Fluoranthene
Concen: 0.351 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:202 Resp: 8550

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.2	13.4	20.2



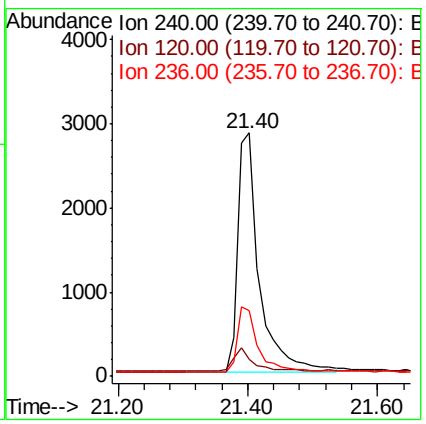


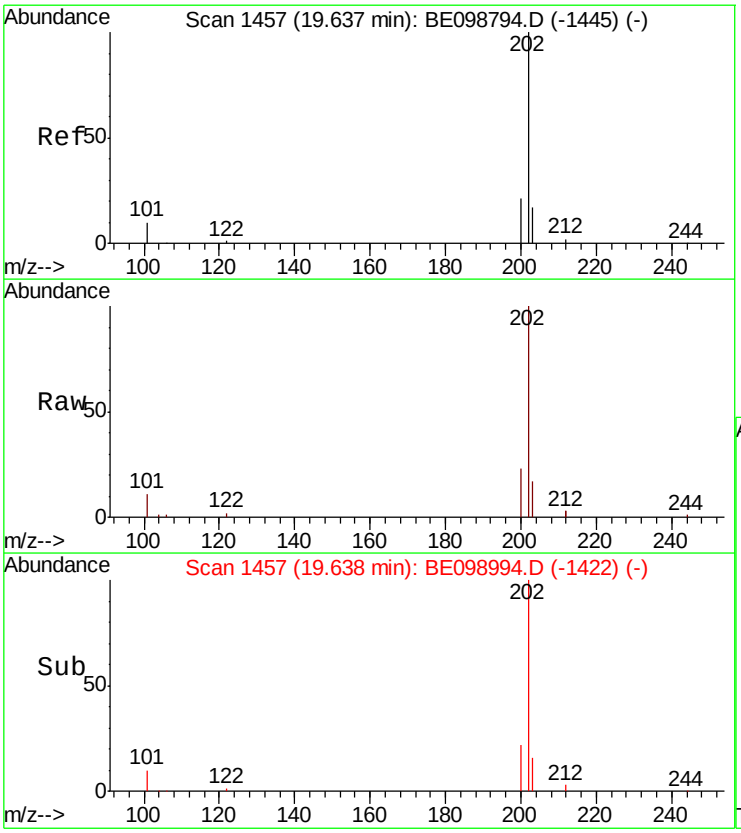
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6625

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.0	7.4
236	27.1	22.7	34.1

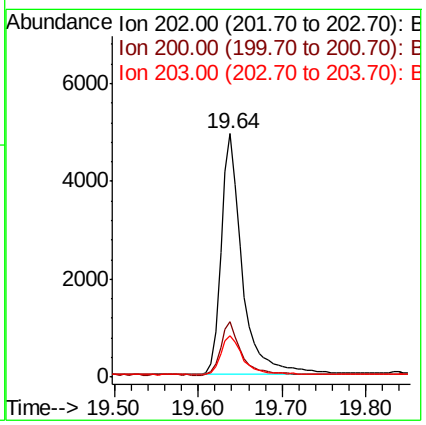


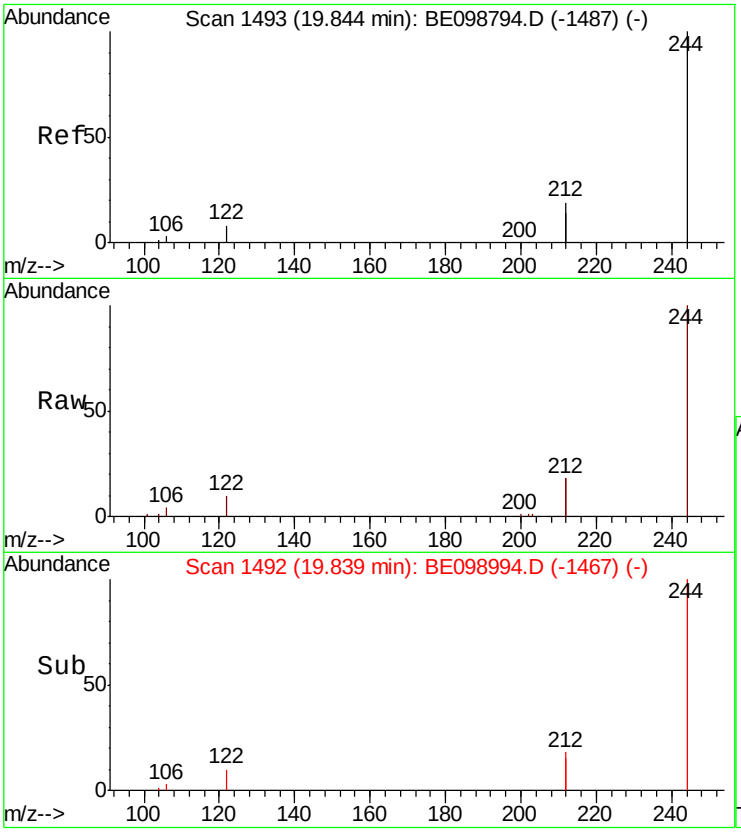


#28
Pyrene
Concen: 0.423 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:202 Resp: 8580

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.1	14.2	21.2



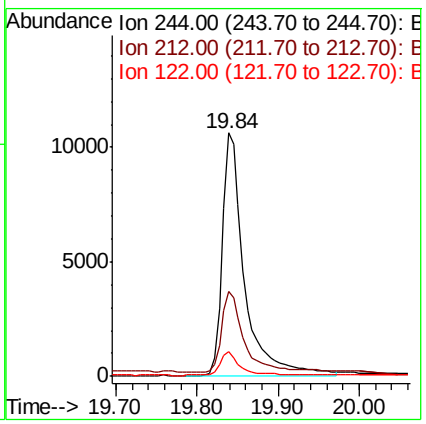


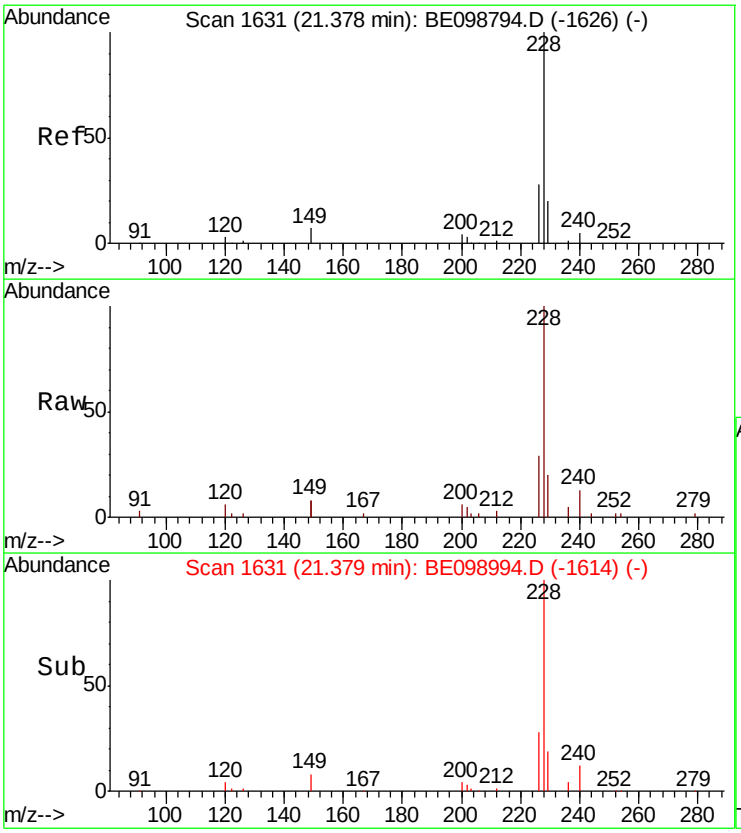
#29
Terphenyl-d14
Concen: 1.231 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 19812

Ion	Ratio	Lower	Upper
244	100		
212	35.0	29.4	44.2
122	10.0	7.1	10.7

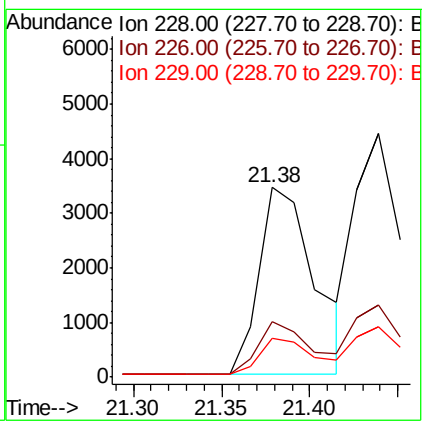


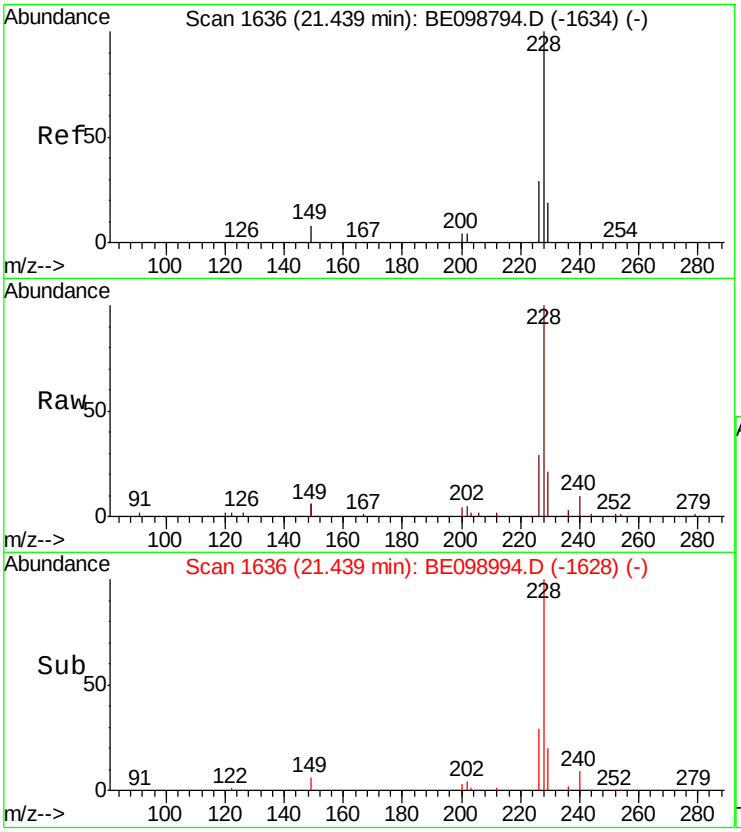


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:228 Resp: 7508

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.3	16.5	24.7



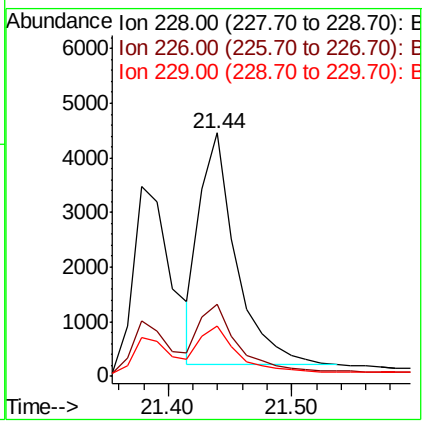


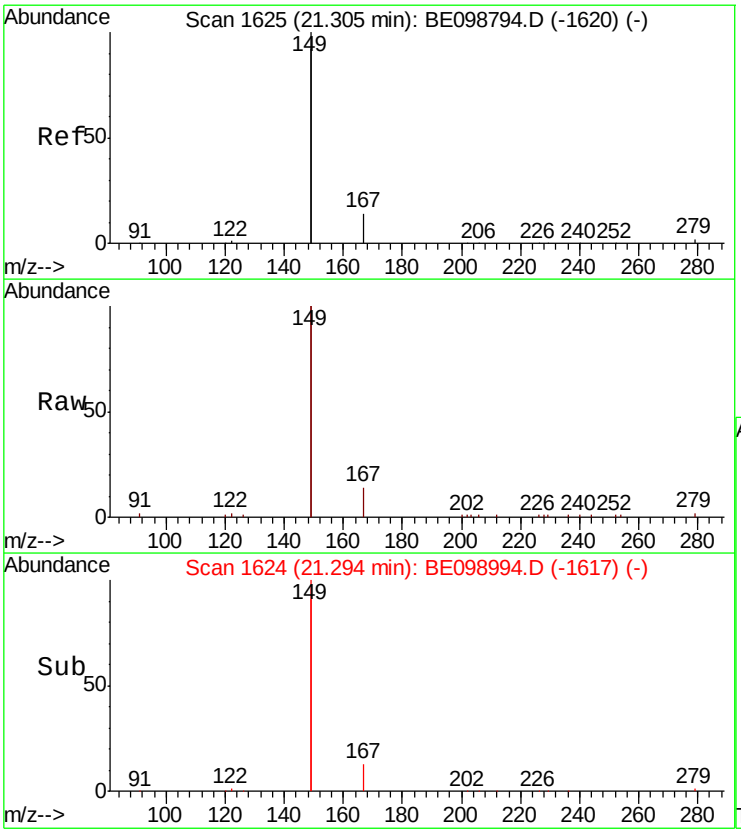
#31
Chrysene
Concen: 0.390 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8621

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	20.5	16.1	24.1

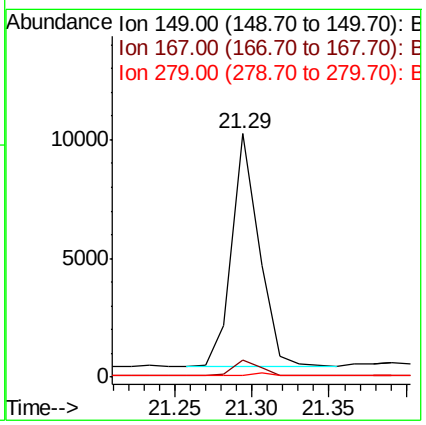


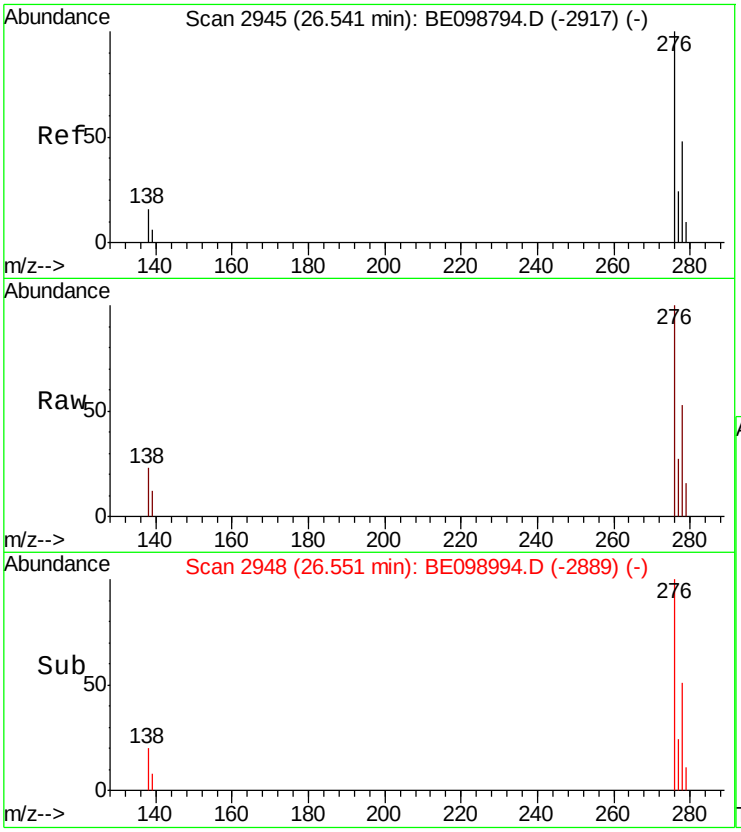


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.271 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:149 Resp: 11936

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.3	1.0	1.4



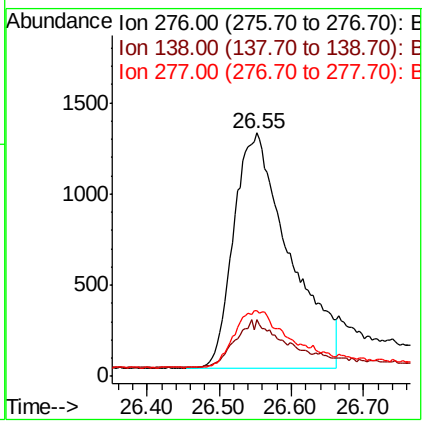


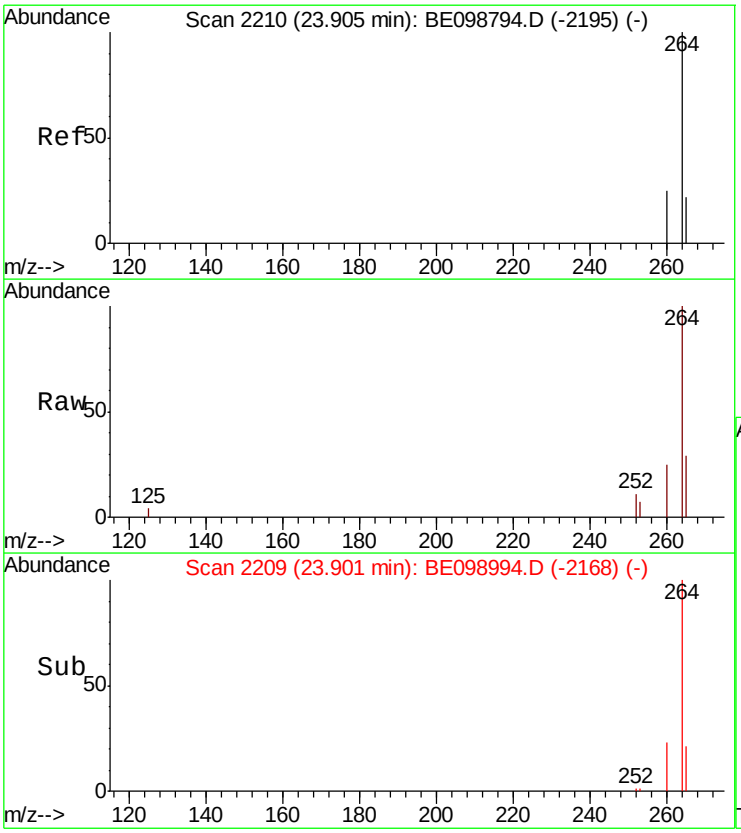
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6841

Ion	Ratio	Lower	Upper
276	100		
138	7.1	13.8	20.8#
277	24.9	19.5	29.3

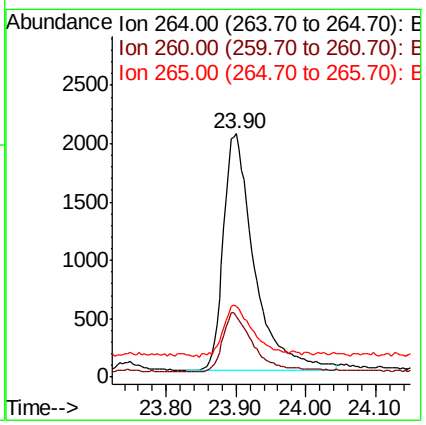


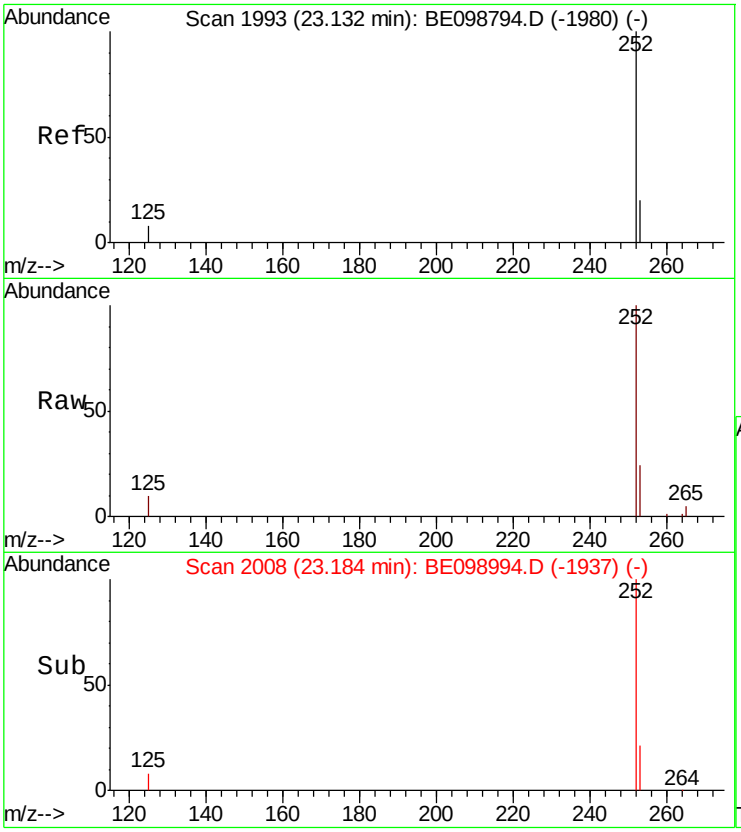


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:264 Resp: 6264

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.2	31.8
265	29.2	24.6	36.8



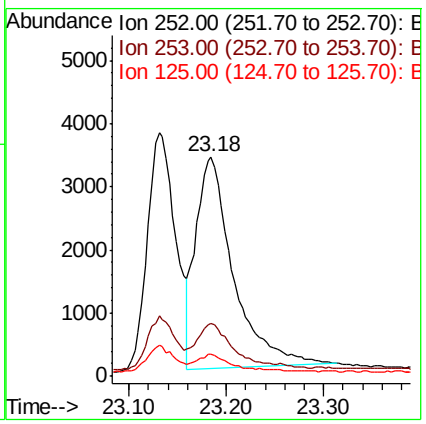


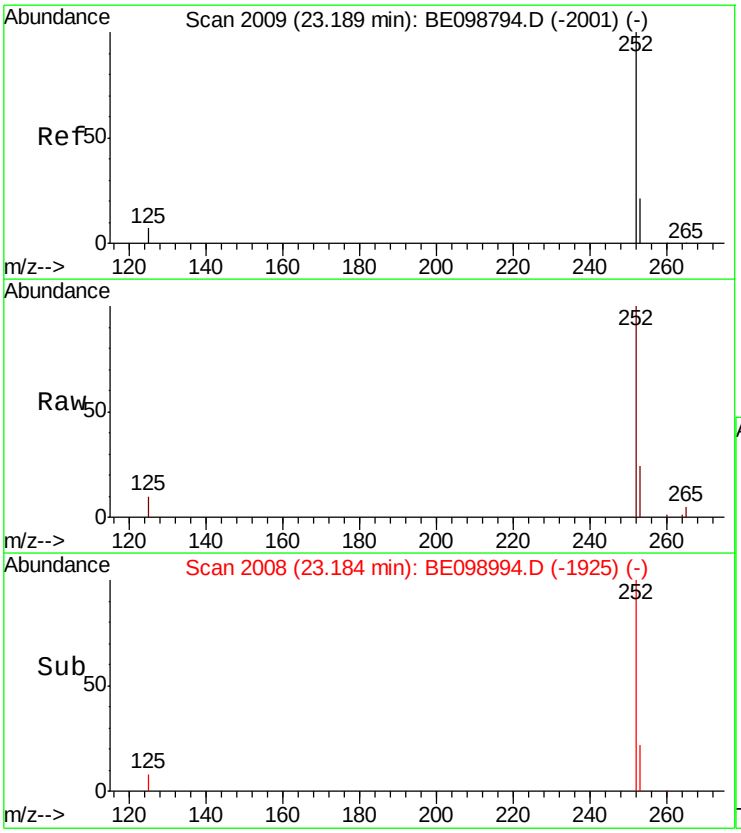
#35
Benzo(b)fluoranthene
Concen: 0.433 ng
RT: 23.18 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8923

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	10.1	7.3	10.9

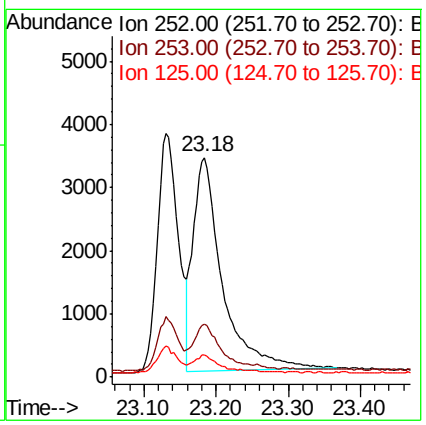


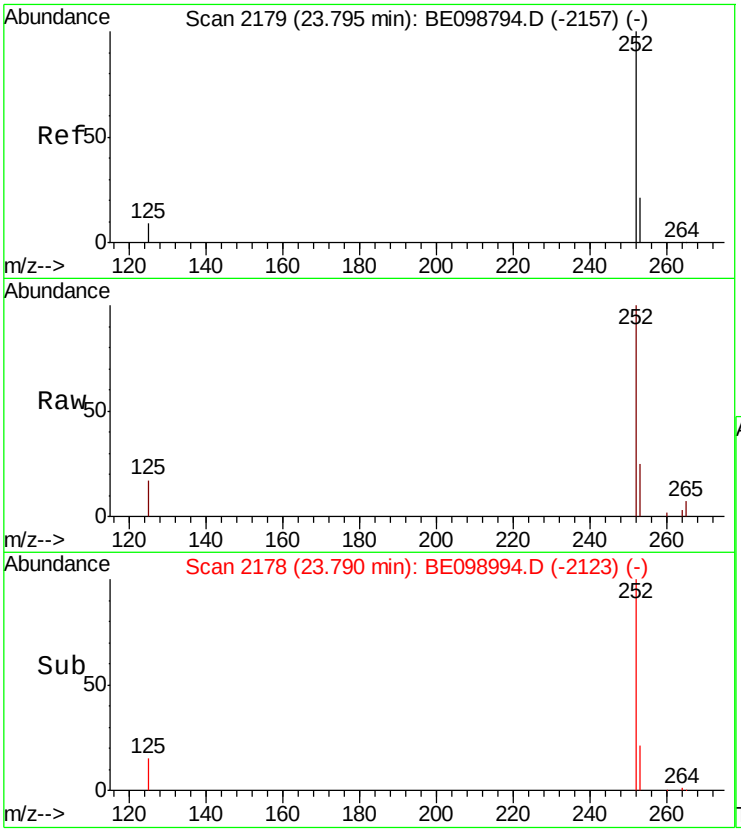


#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:252 Resp: 9581

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	10.1	7.5	11.3



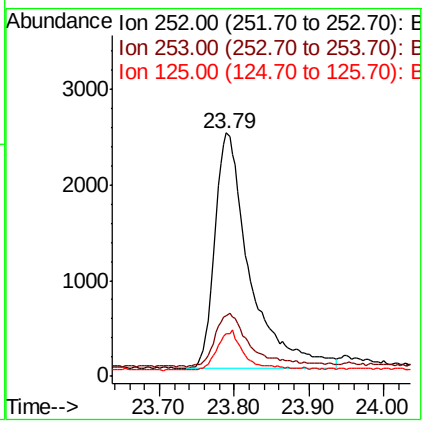


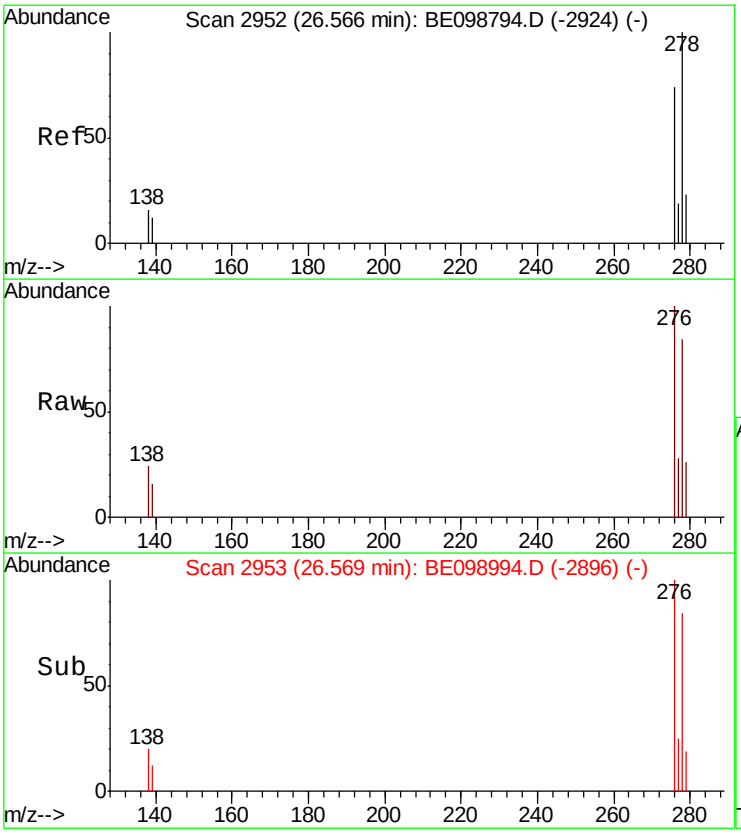
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7886

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.9	29.9
125	17.5	9.0	13.4#

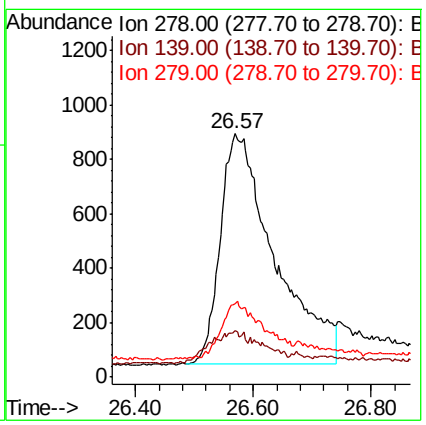


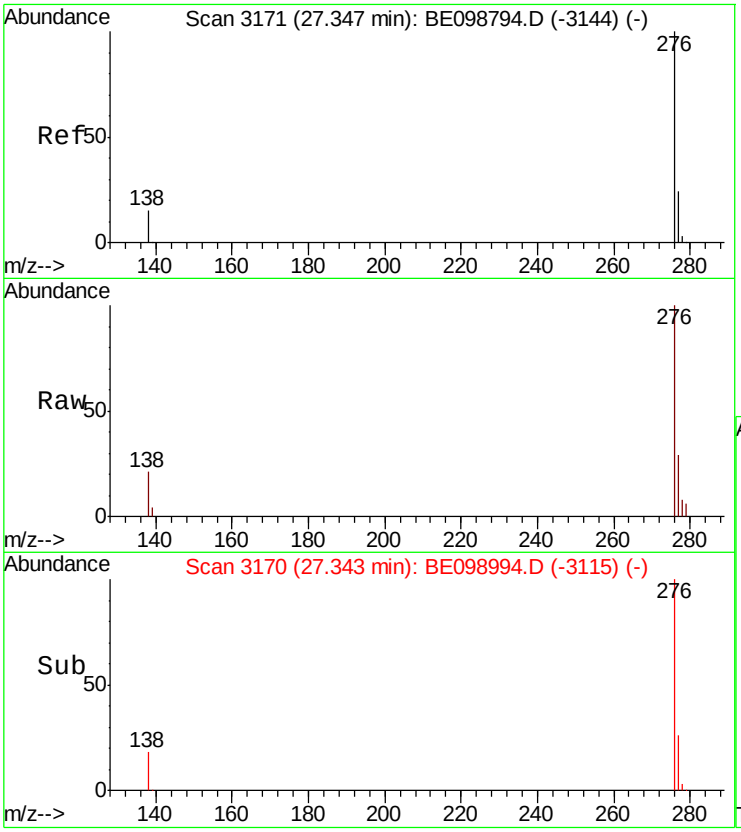


#38
Dibenzo(a,h)anthracene
Concen: 0.291 ng
RT: 26.57 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Tgt Ion:278 Resp: 5442

Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.8	17.6#
279	30.3	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 27.34 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BE098994.D
Acq: 18 Mar 2019 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6313

Ion	Ratio	Lower	Upper
276	100		
277	28.7	20.4	30.6
138	20.8	13.6	20.4#