Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098797.D
Acq On : 6 Mar 2019 13:58
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Mar 06 14:37:35 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 13:20:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	934	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3399	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2178	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5597	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7754	0.40	ng		-0.01
34) Perylene-d12	23.91	264	7120	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	8551	3.43	ng		0.00
5) Phenol-d6	6.97	99	12289	3.46	ng		-0.02
8) Nitrobenzene-d5	8.94	82	13049	4.84	ng		-0.03
11) 2-Methylnaphthalene-d10	12.18	152	21220	3.79	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	4402	4.65	ng		-0.02
15) 2-Fluorobiphenyl	13.07	172	30470	3.42	ng		-0.01
25) Fluoranthene-d10	19.24	212	295699	4.27	ng		0.00
29) Terphenyl-d14	19.84	244	62154	3.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	4664	2.532	ng		98
3) n-Nitrosodimethylamine	3.60	42	7686	5.690	ng	#	97
6) bis(2-Chloroethyl)ether	7.21	93	9664	3.603	ng	#	80
9) Naphthalene	10.63	128	128521	3.797	ng		98
10) Hexachlorobutadiene	10.91	225	8149	3.364	ng		98
12) 2-Methylnaphthalene	12.25	142	22448	4.000	ng		99
16) Acenaphthylene	14.18	152	39759	4.215	ng		97
17) Acenaphthene	14.53	154	22215	3.754	ng		98
18) Fluorene	15.50	166	31714	4.120	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	11035	3.722	ng		87
21) Hexachlorobenzene	16.52	284	11904	3.327	ng		98
22) Pentachlorophenol	16.88	266	3700	3.531	ng	#	77
23) Phenanthrene	17.25	178	53579	4.040	ng		99
24) Anthracene	17.33	178	50520	4.448	ng		99
26) Fluoranthene	19.27	202	74589	4.371	ng		99
28) Pyrene	19.63	202	76222	3.570	ng		99
30) Benzo(a)anthracene	21.38	228	81752	3.923	ng		99
31) Chrysene	21.44	228	84686	3.920	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	170159	3.848	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	90614	4.066	ng		99
35) Benzo(b)fluoranthene	23.13	252	79530	4.095	ng		98
36) Benzo(k)fluoranthene	23.13	252	79530	3.747	ng		96
37) Benzo(a)pyrene	23.79	252	75694	3.967	ng	#	94
38) Dibenzo(a,h)anthracene	26.55	278	73633	4.358	ng		95
39) Benzo(g,h,i)perylene	27.34	276	74210	4.008	ng		96

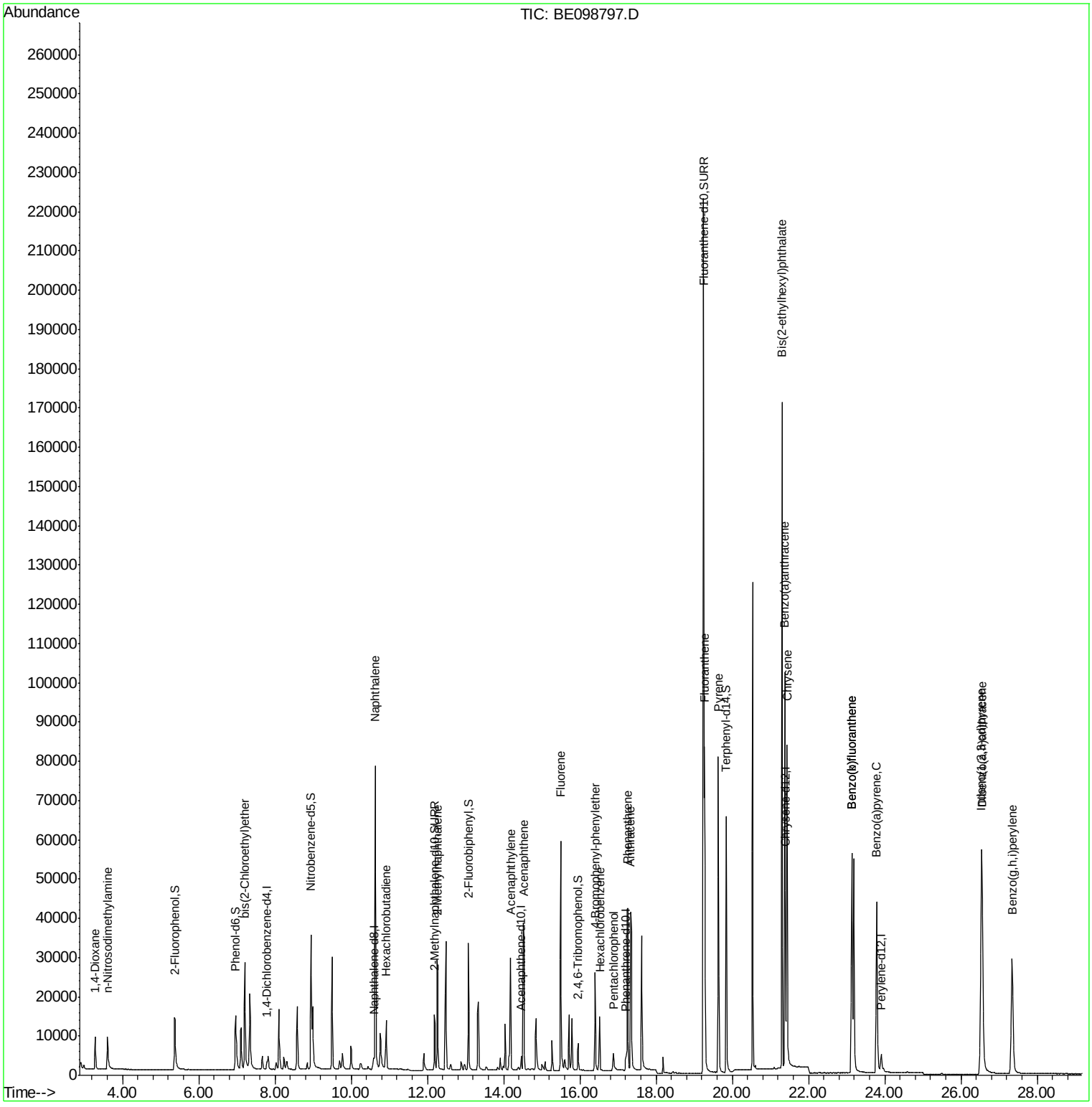
(#) = qualifier out of range (m) = manual integration (+) = signals summed

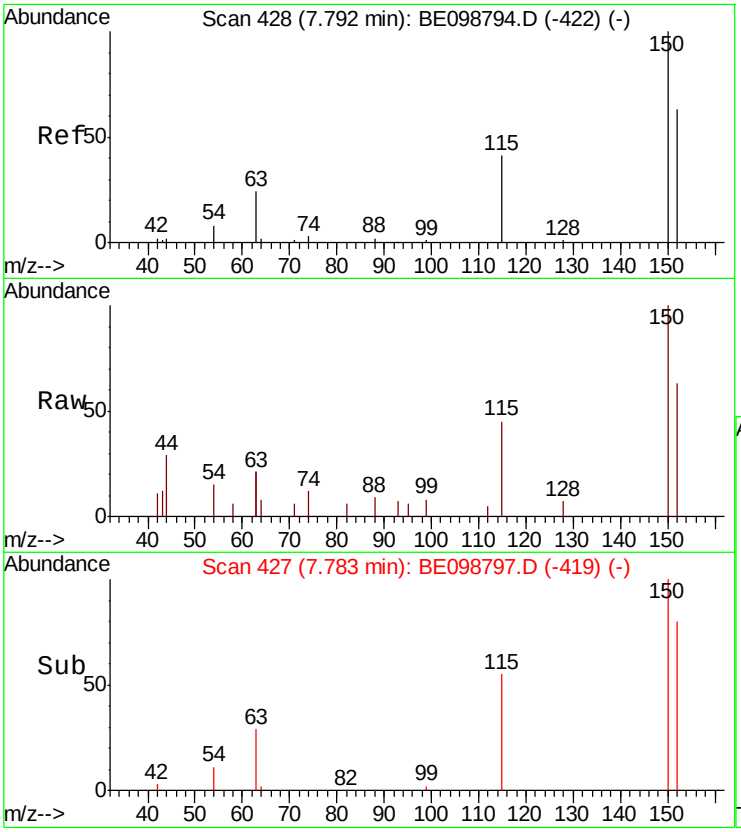
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098797.D
Acq On : 6 Mar 2019 13:58
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 06 14:37:35 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 13:20:41 2019
Response via : Initial Calibration



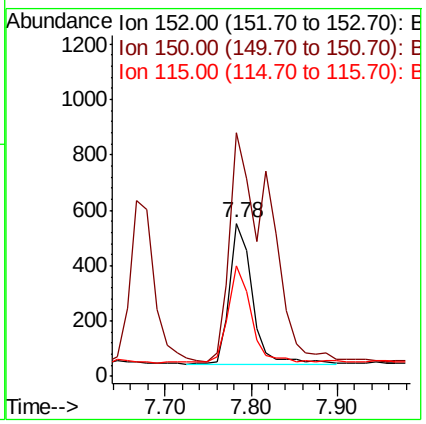


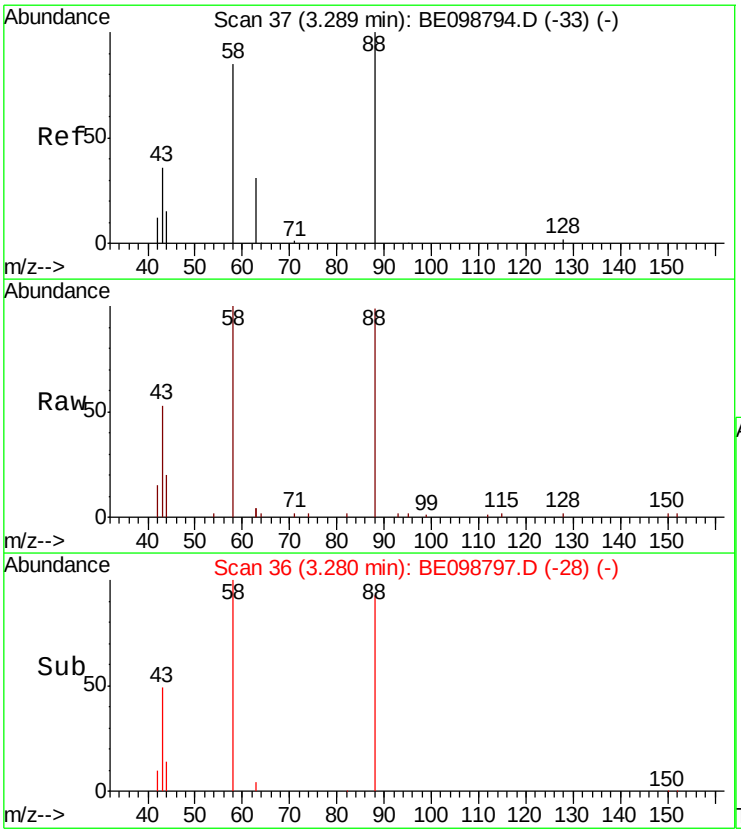
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 934

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.5	183.7
115	71.8	57.4	86.2

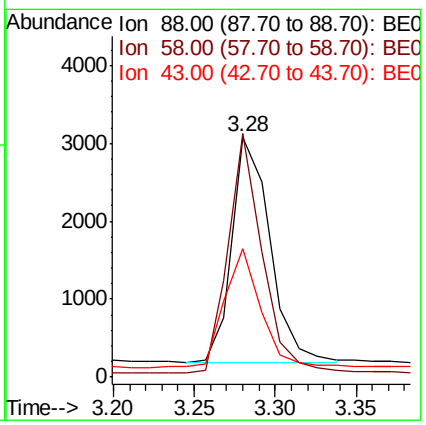


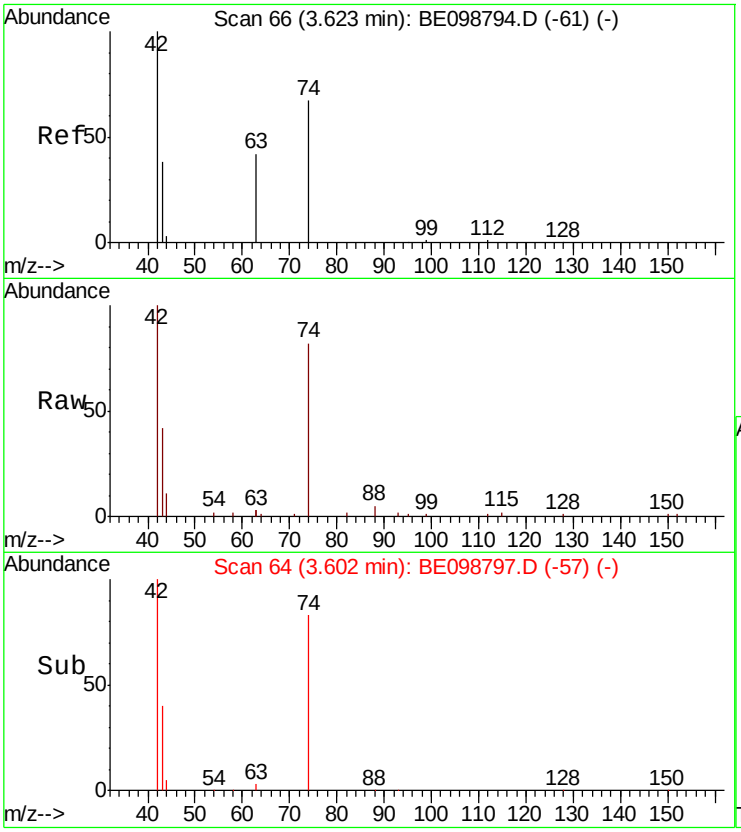


#2
1,4-Dioxane
Concen: 2.532 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion: 88 Resp: 4664

Ion	Ratio	Lower	Upper
88	100		
58	96.4	75.8	113.6
43	50.3	41.8	62.8



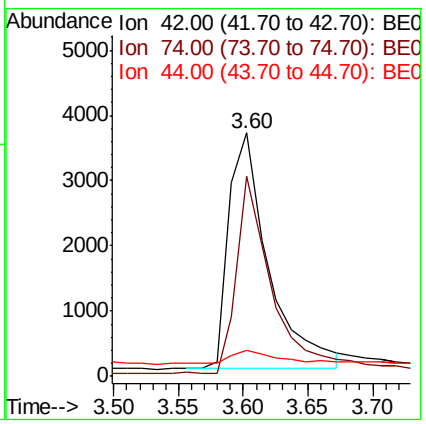


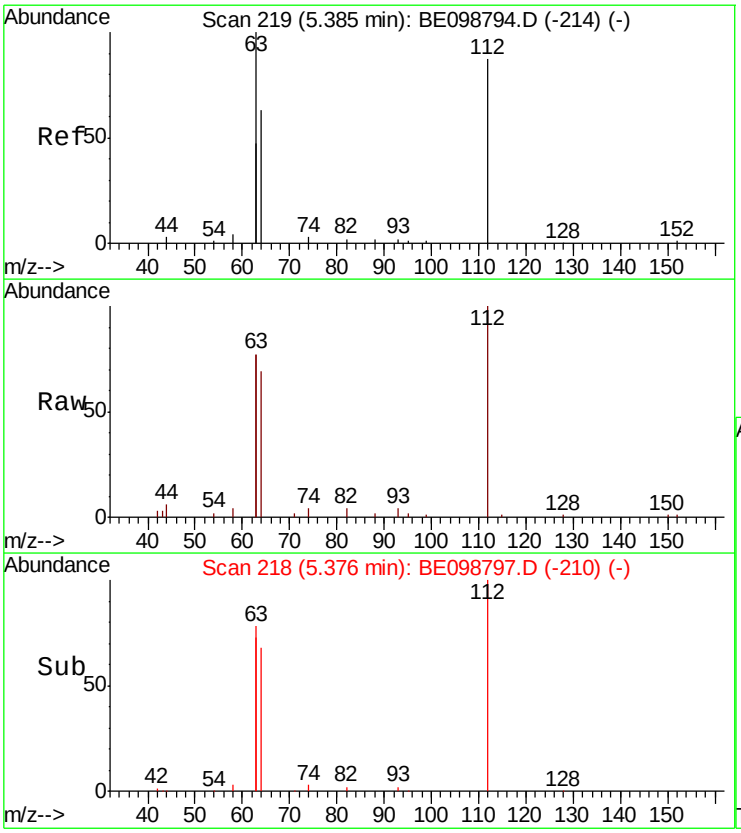
#3
n-Nitrosodimethylamine
Concen: 5.690 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 7686

Ion	Ratio	Lower	Upper
42	100		
74	73.6	57.0	85.4
44	6.3	0.0	0.0#

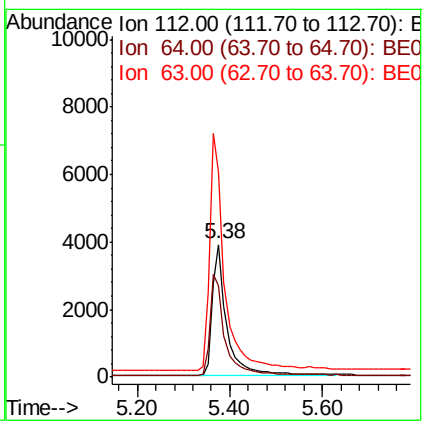


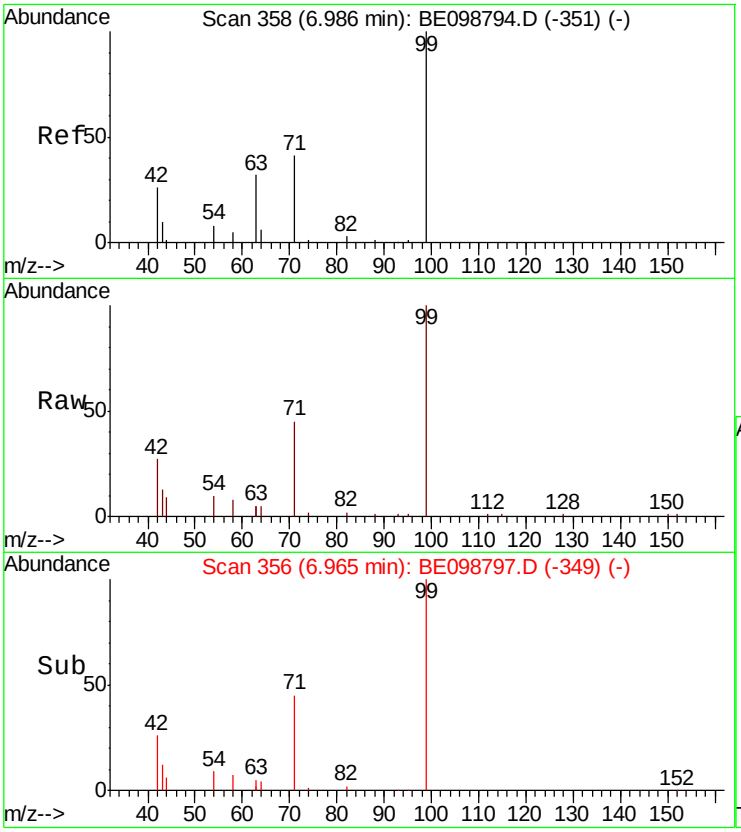


#4
2-Fluorophenol
Concen: 3.432 ng
RT: 5.38 min Scan# 218
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:112 Resp: 8551

Ion	Ratio	Lower	Upper
112	100		
64	81.2	57.9	86.9
63	184.9	158.3	237.5



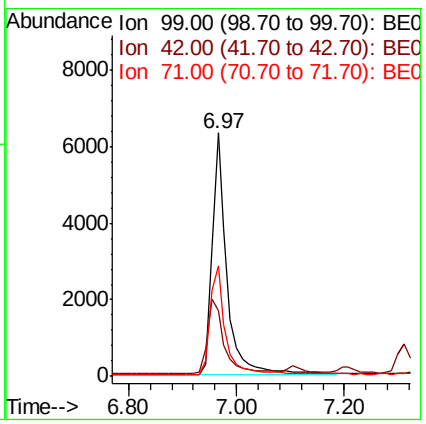


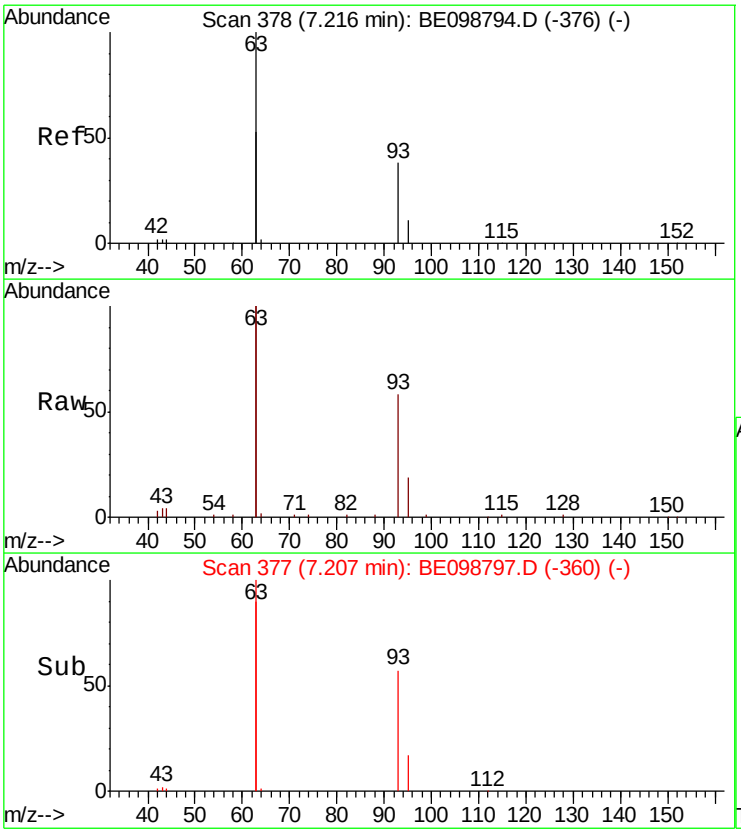
#5
Phenol-d6
Concen: 3.464 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 12289

Ion	Ratio	Lower	Upper
99	100		
42	33.7	24.2	36.2
71	47.3	35.7	53.5

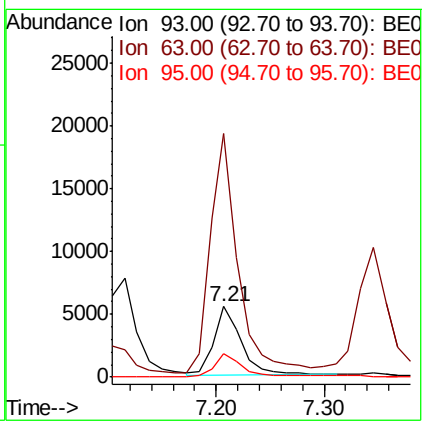


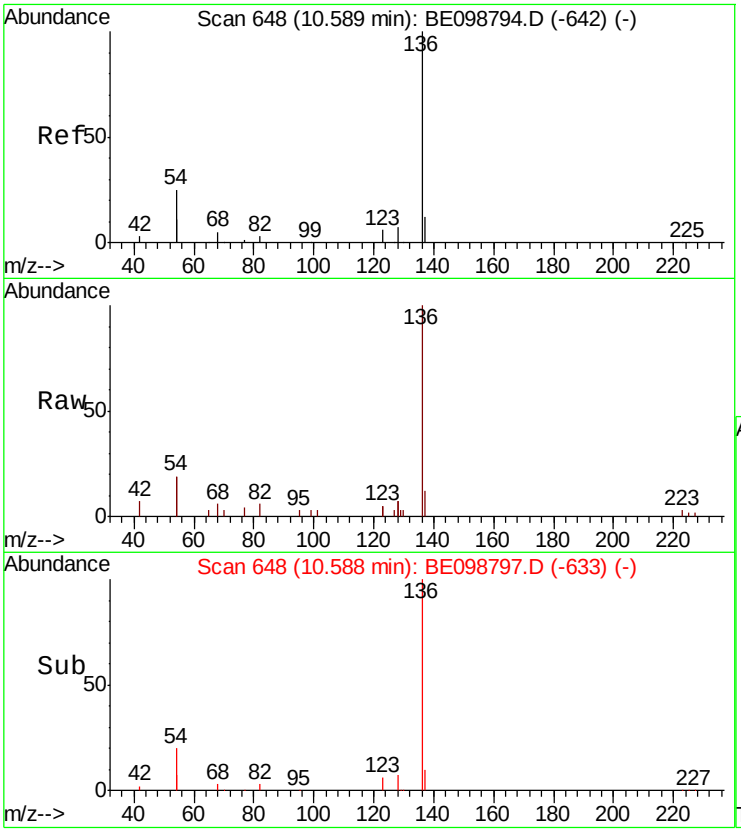


#6
bis(2-Chloroethyl)ether
Concen: 3.603 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion: 93 Resp: 9664

Ion	Ratio	Lower	Upper
93	100		
63	351.3	247.5	371.3
95	32.9	21.8	32.8#



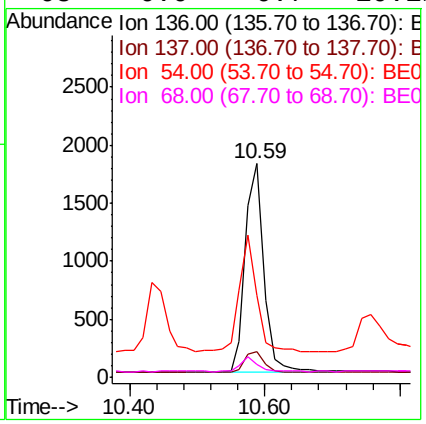


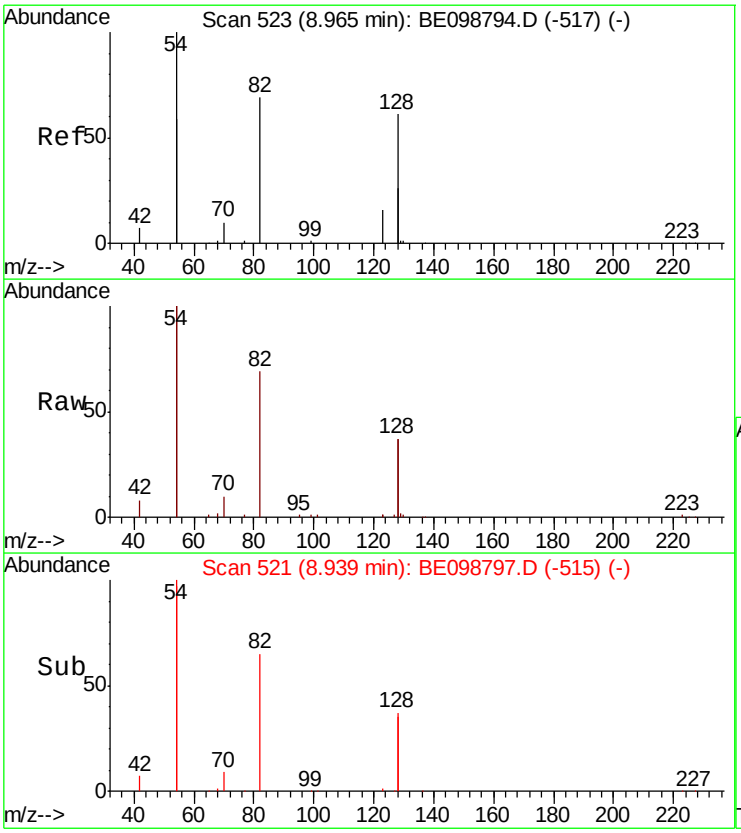
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 3399

Ion	Ratio	Lower	Upper
136	100		
137	12.2	11.4	17.0
54	38.2	39.3	58.9#
68	6.0	6.7	10.1#

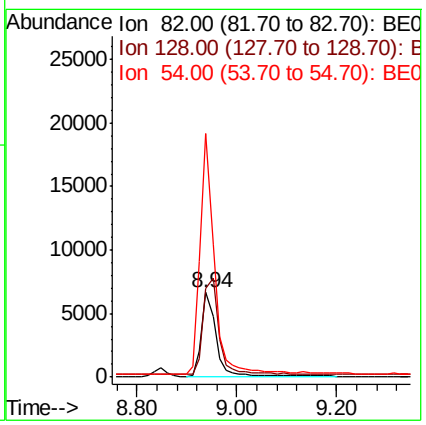


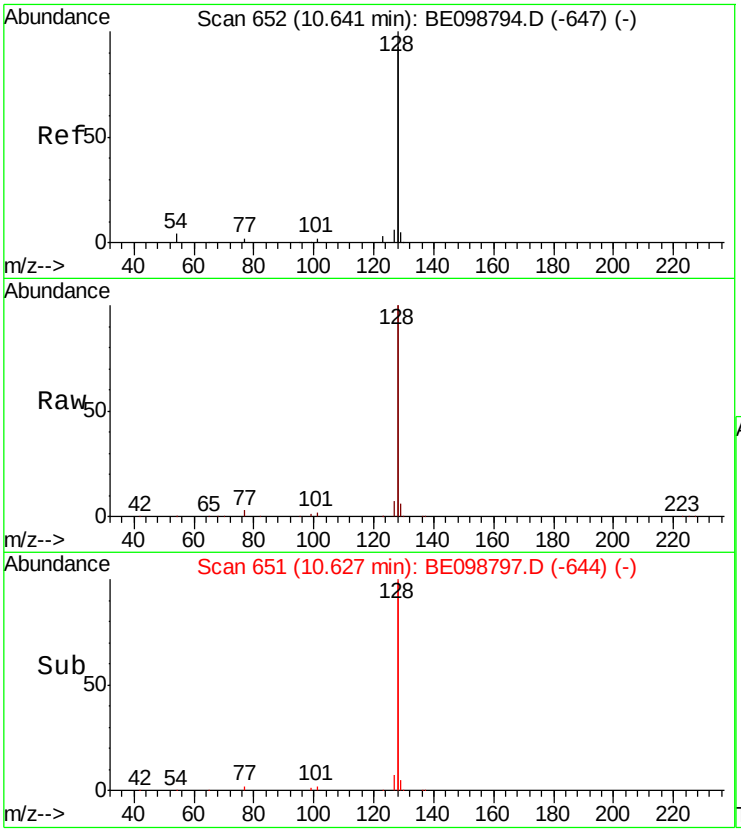


#8
Nitrobenzene-d5
Concen: 4.840 ng
RT: 8.94 min Scan# 521
Delta R.T. -0.03 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion: 82 Resp: 13049

Ion	Ratio	Lower	Upper
82	100		
128	105.9	123.8	185.8#
54	288.8	203.4	305.2



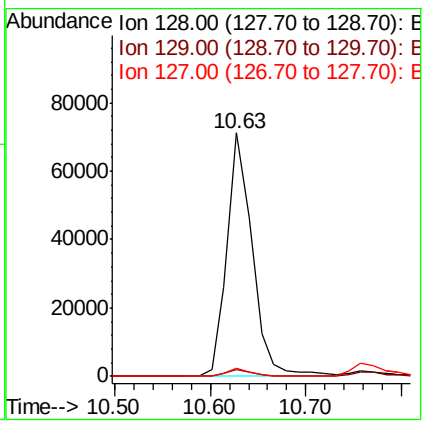


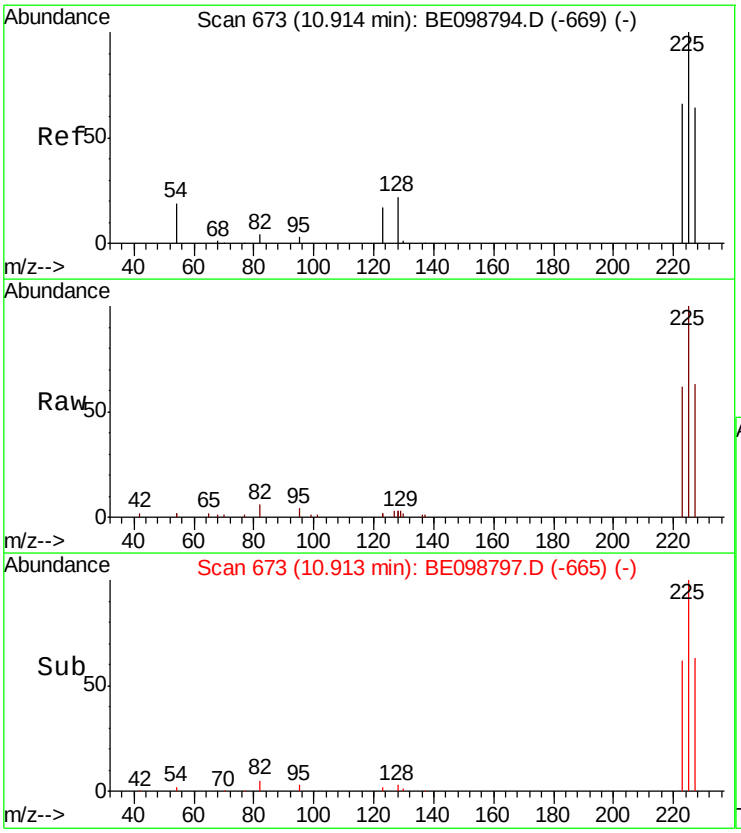
#9
Naphthalene
Concen: 3.797 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 128521

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.4	3.1	4.7

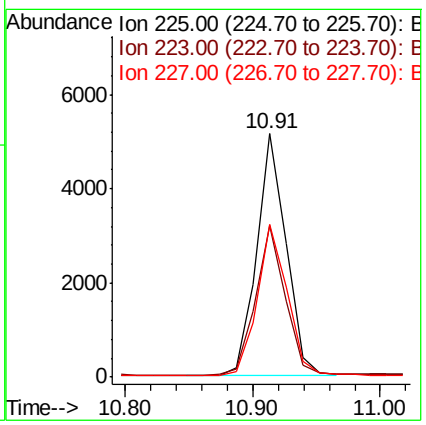


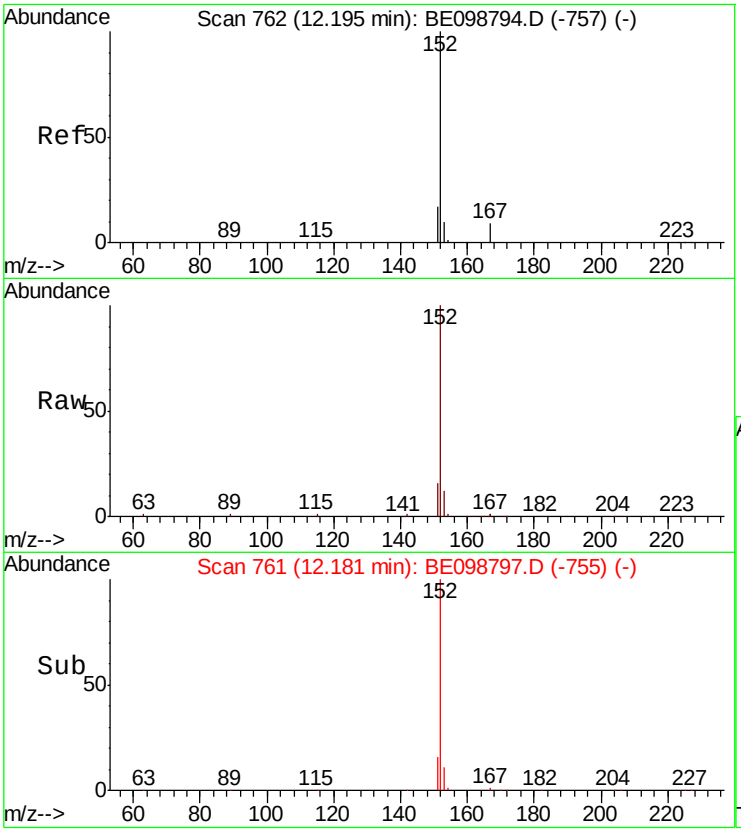


#10
Hexachlorobutadiene
Concen: 3.364 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:225 Resp: 8149

Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	63.0	51.6	77.4



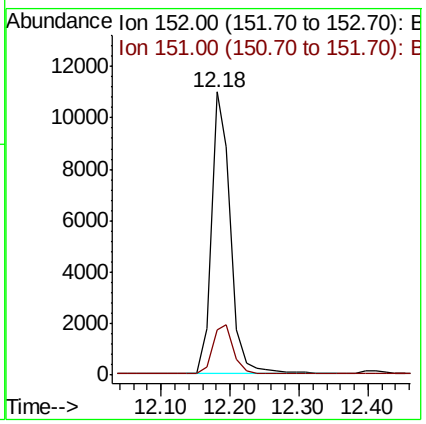


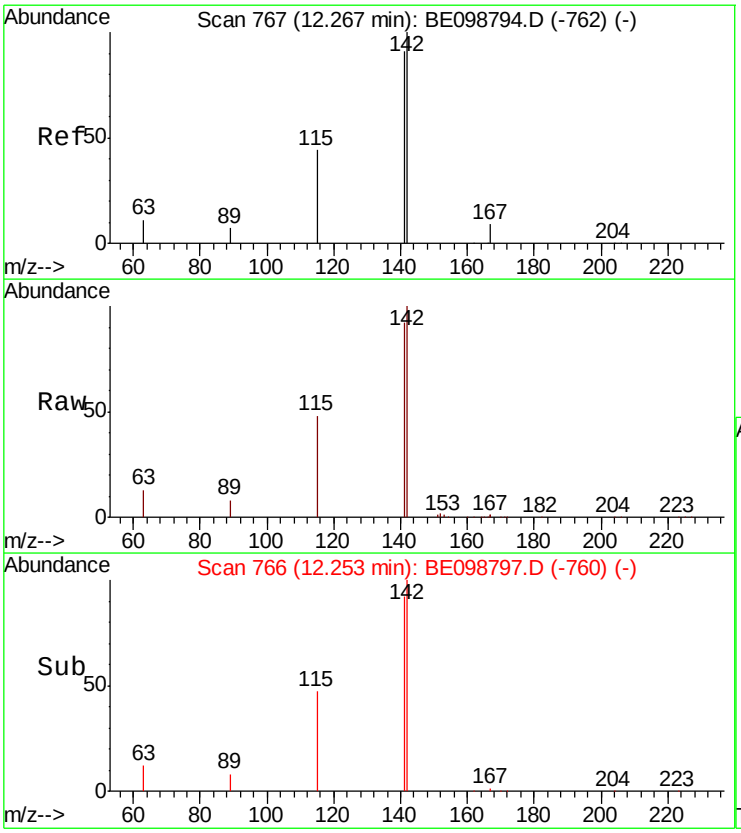
#11
2-Methylnaphthalene-d10
Concen: 3.794 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 21220

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7

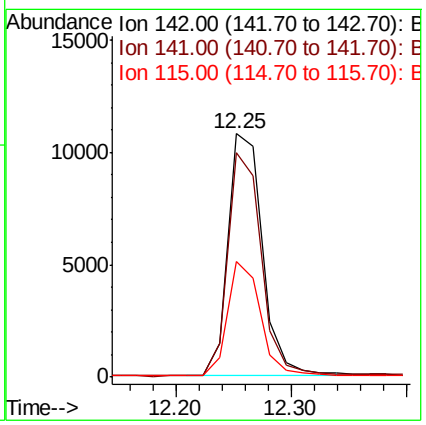


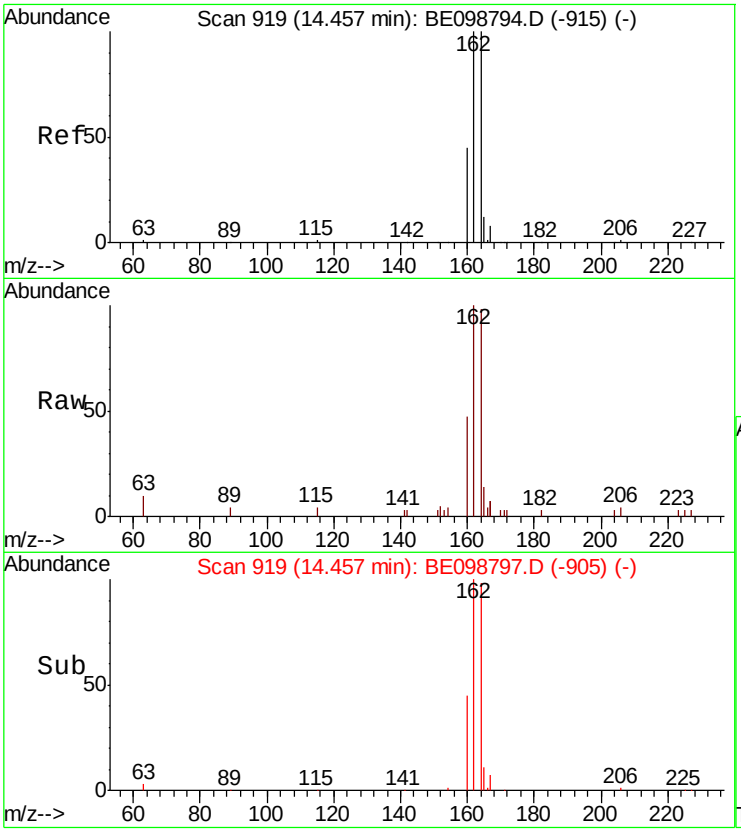


#12
2-Methylnaphthalene
Concen: 4.000 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:142 Resp: 22448

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	108.8
115	47.6	37.4	56.2



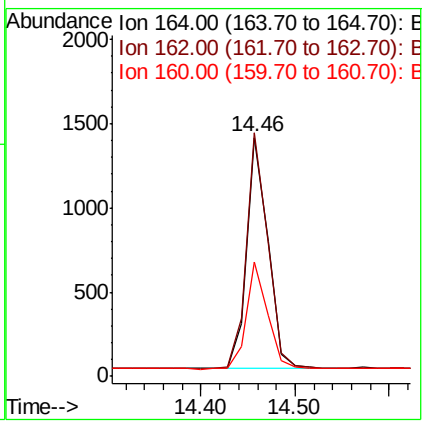


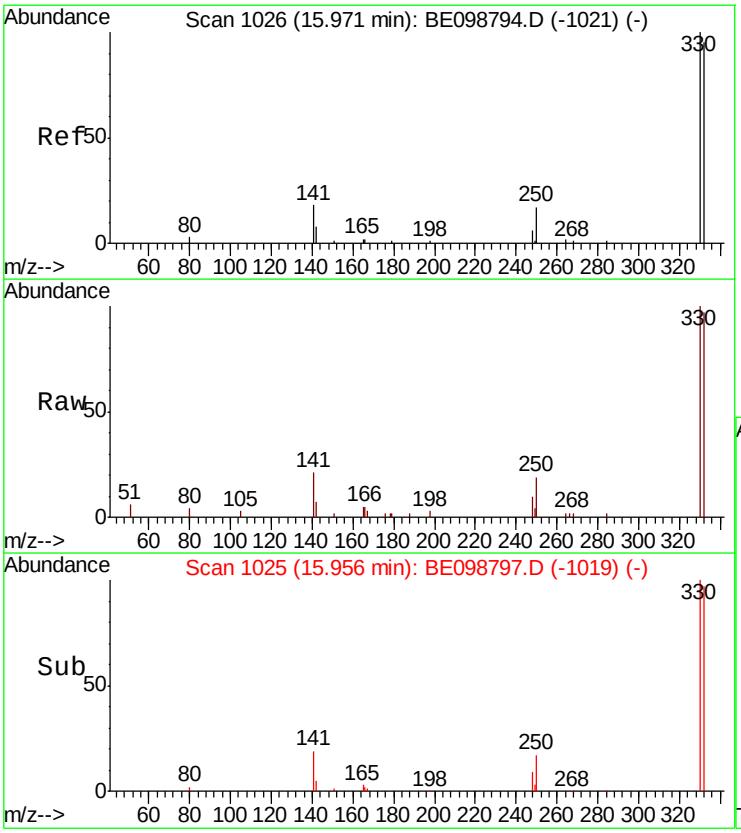
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 2178

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	47.8	37.8	56.8

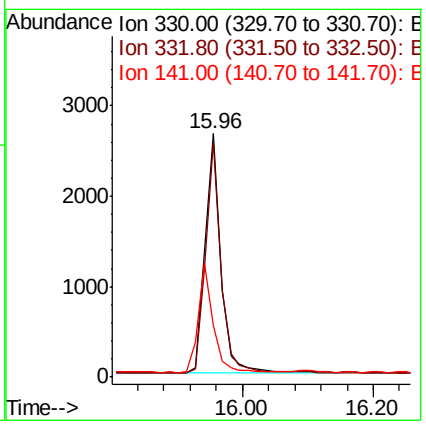


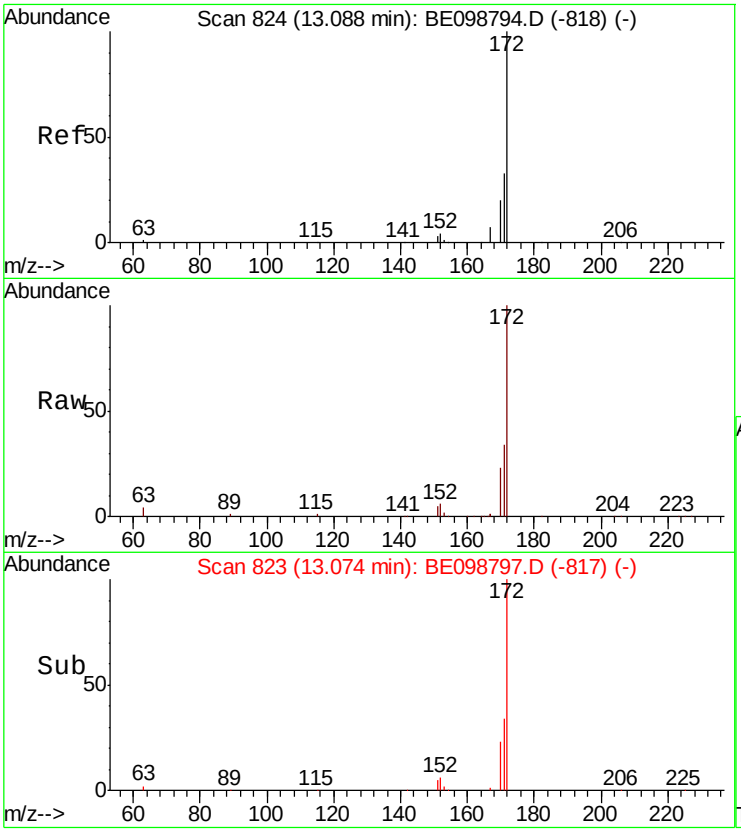


#14
2,4,6-Tribromophenol
Concen: 4.645 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:330 Resp: 4402

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	42.8	31.0	46.4



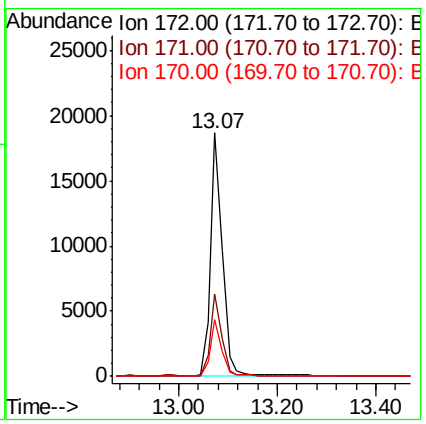


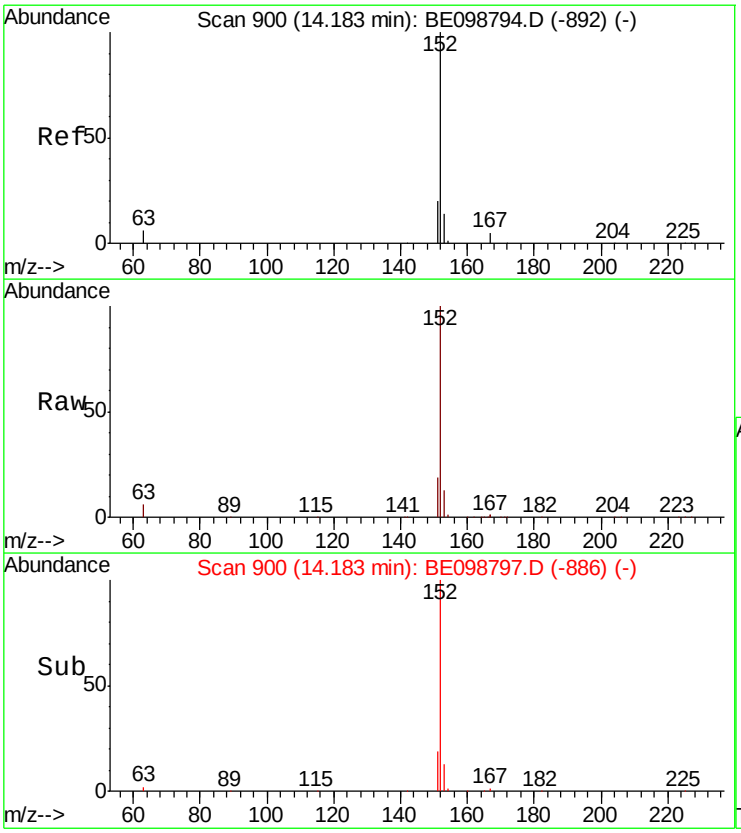
#15
2-Fluorobiphenyl
Concen: 3.416 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 30470

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	23.1	17.7	26.5

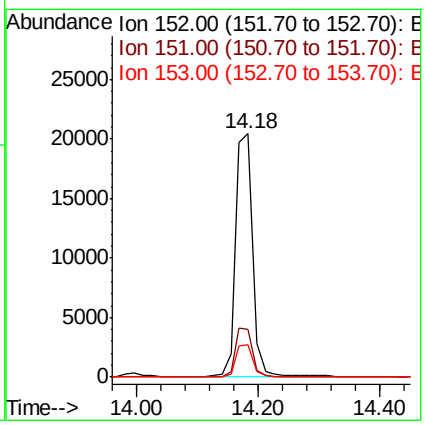


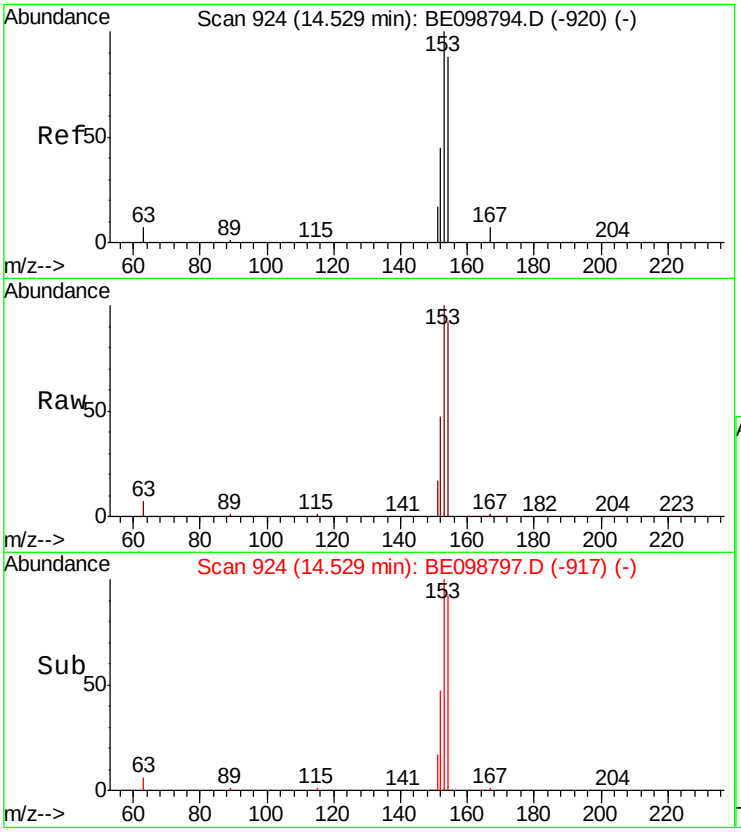


#16
Acenaphthylene
Concen: 4.215 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:152 Resp: 39759

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	12.9	11.2	16.8



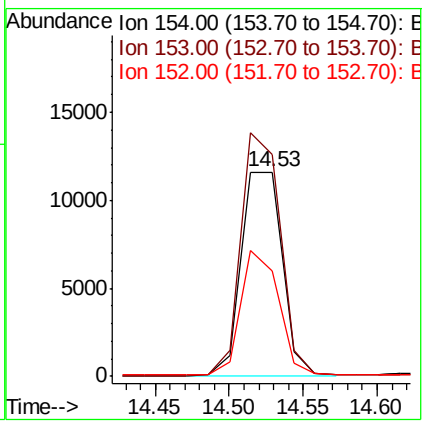


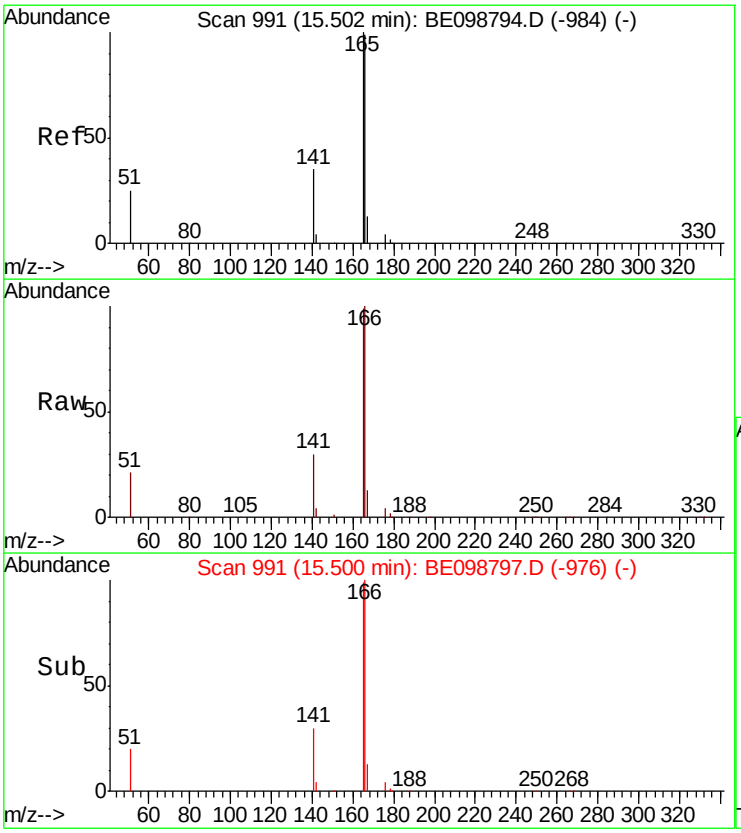
#17
Acenaphthene
Concen: 3.754 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 22215

Ion	Ratio	Lower	Upper
154	100		
153	114.4	94.2	141.4
152	56.4	45.0	67.4

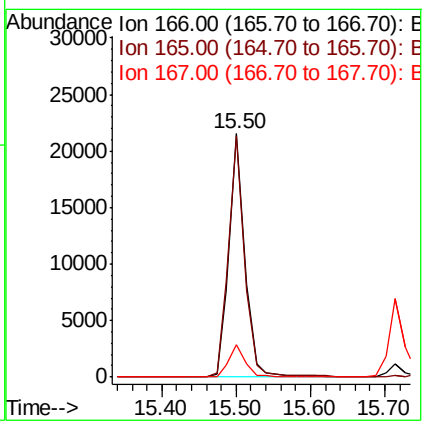


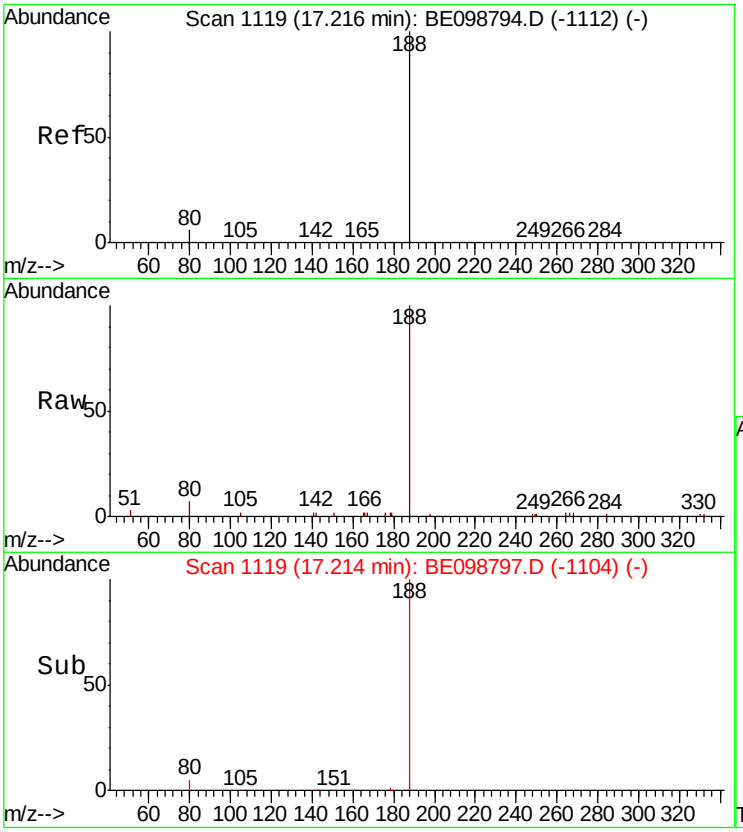


#18
Fluorene
Concen: 4.120 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:166 Resp: 31714

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.5	10.5	15.7



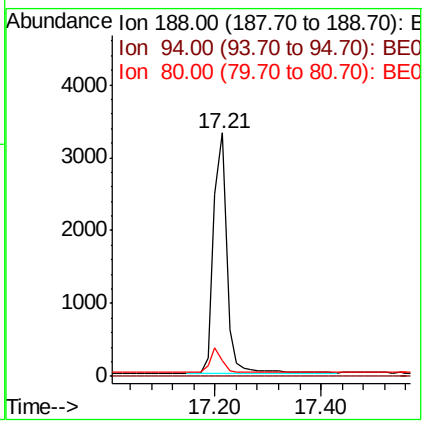


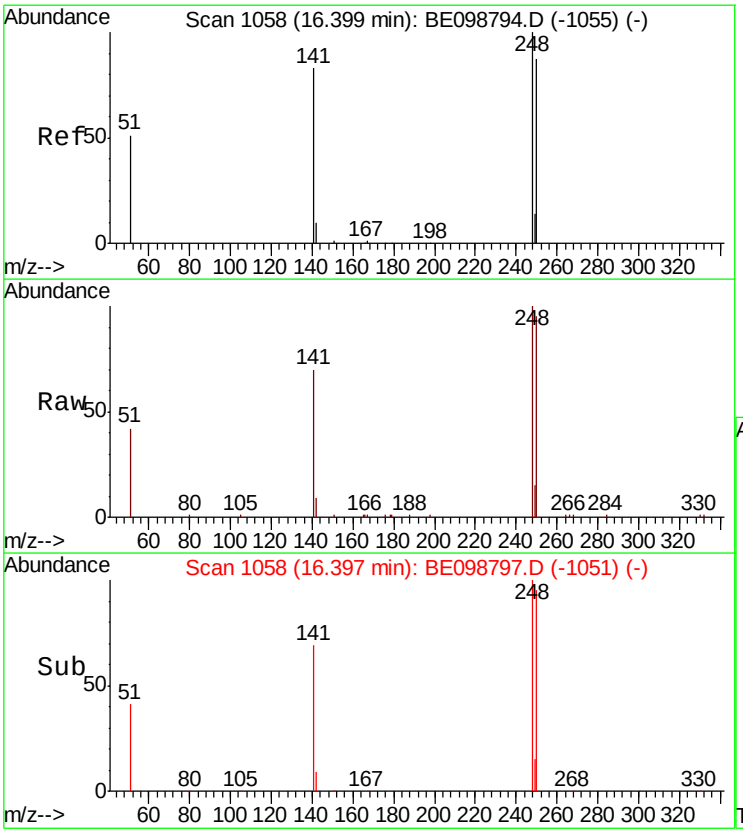
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 5597

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	6.3	9.5

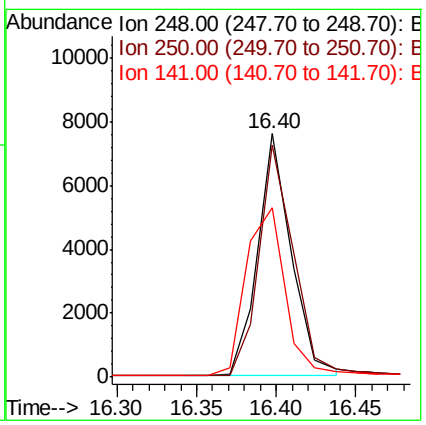


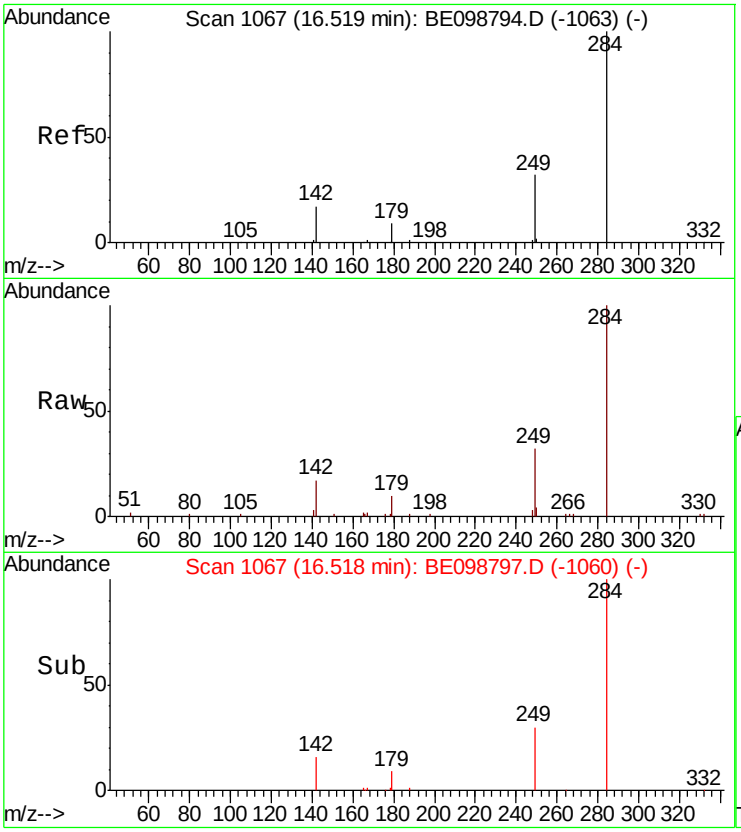


#20
4-Bromophenyl-phenylether
Concen: 3.722 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:248 Resp: 11035

Ion	Ratio	Lower	Upper
248	100		
250	95.4	70.6	105.8
141	69.8	68.6	102.8



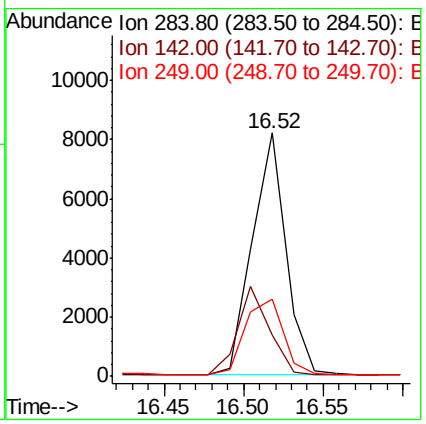


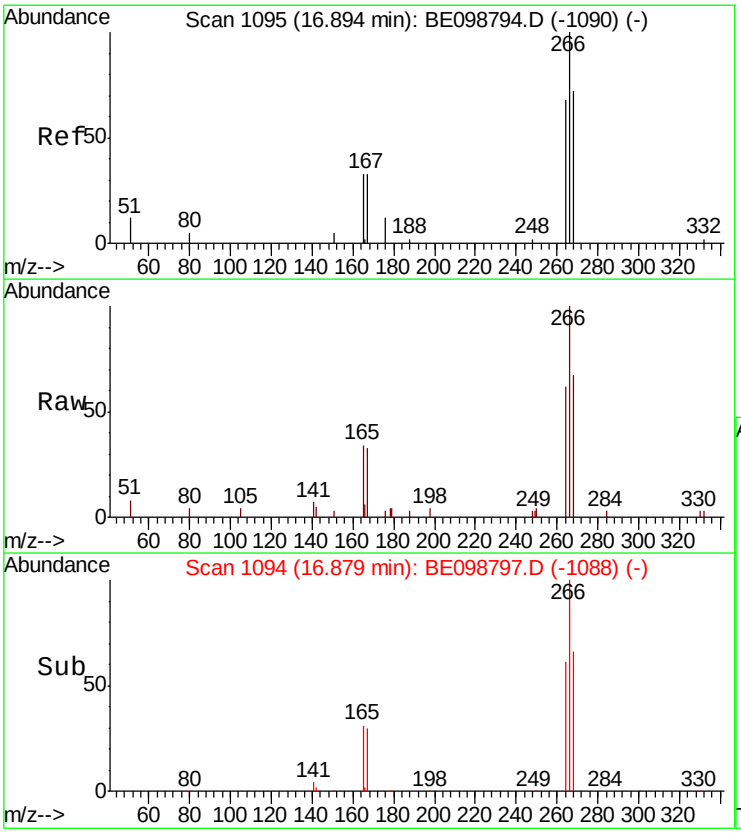
#21
Hexachlorobenzene
Concen: 3.327 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 11904

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.7	43.1
249	35.6	29.6	44.4

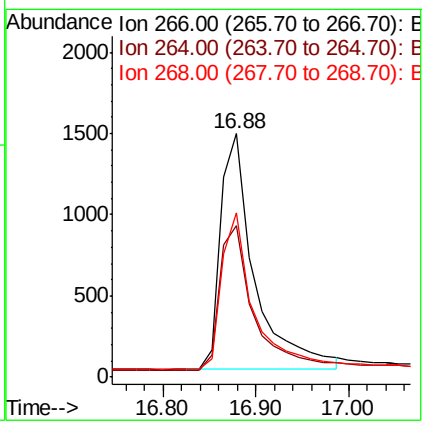


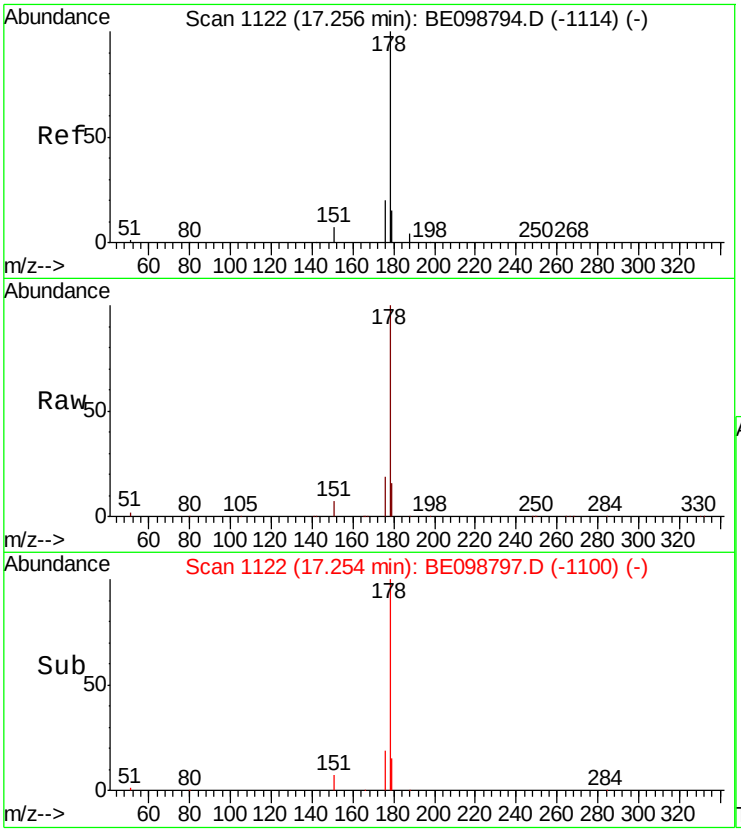


#22
Pentachlorophenol
Concen: 3.531 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:266 Resp: 3700

Ion	Ratio	Lower	Upper
266	100		
264	62.0	66.6	100.0#
268	67.3	69.8	104.8#



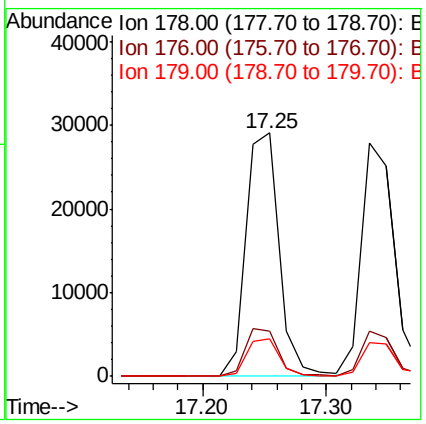


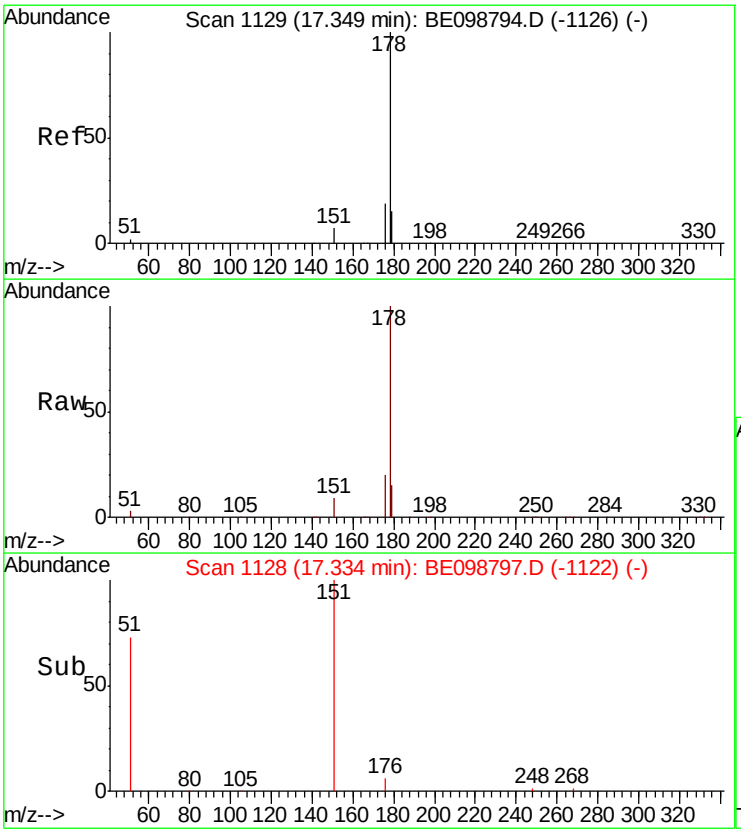
#23
Phenanthrene
Concen: 4.040 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 53579

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.2	12.1	18.1

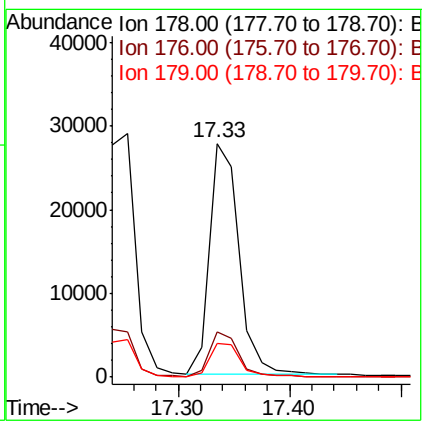


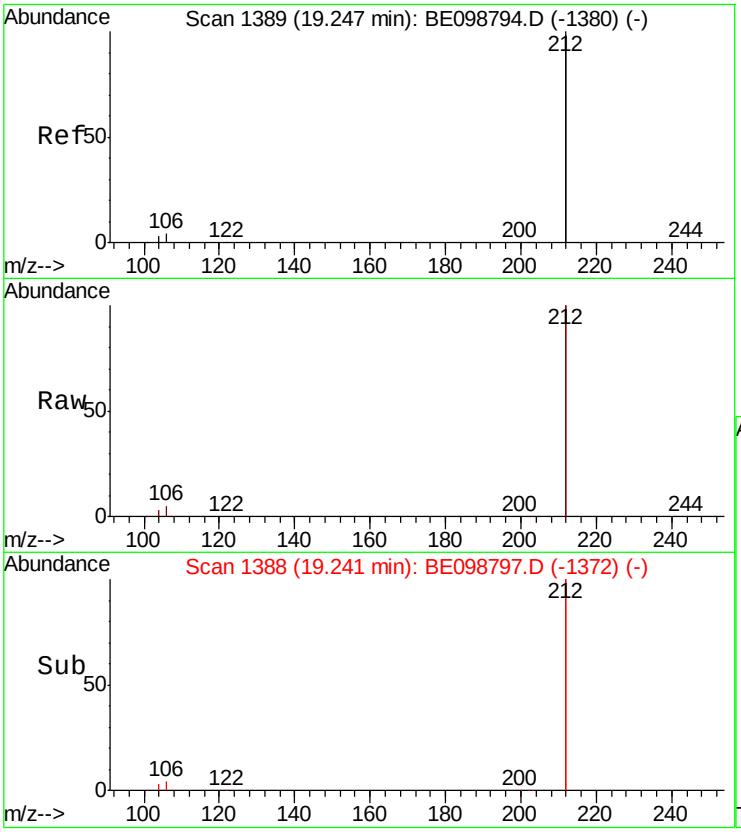


#24
Anthracene
Concen: 4.448 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:178 Resp: 50520

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.0	12.2	18.4



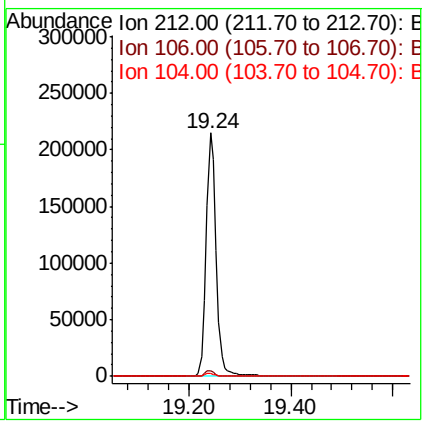


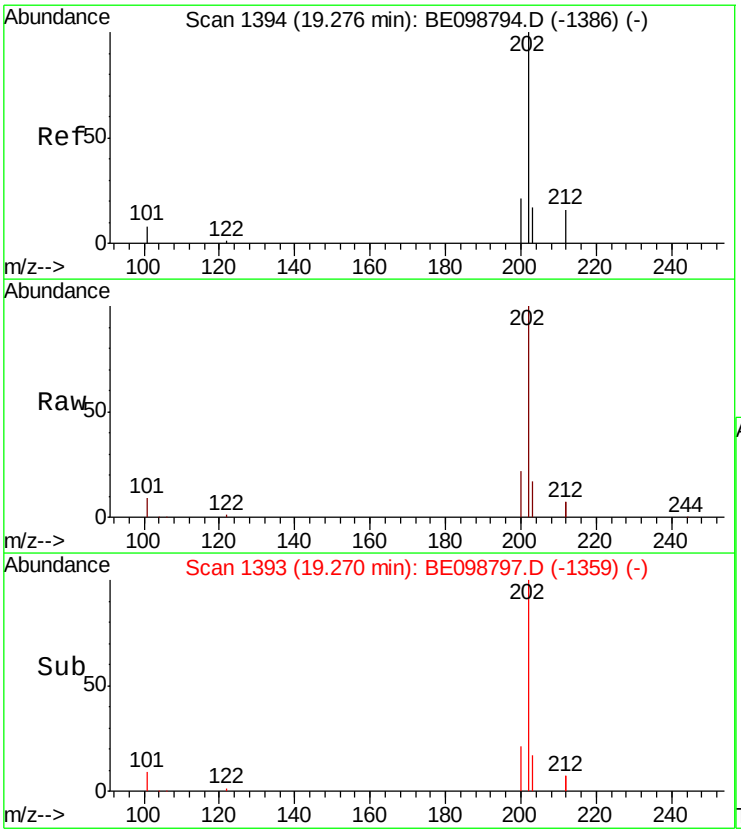
#25
Fluoranthene-d10
Concen: 4.265 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 295699

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

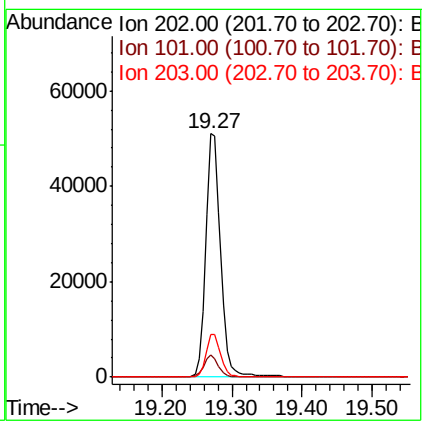


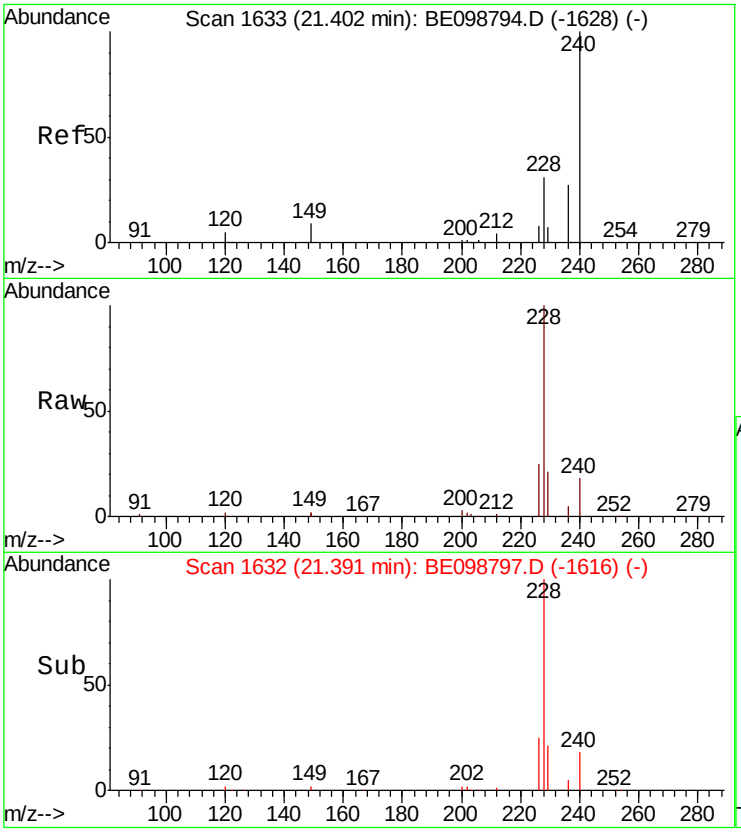


#26
Fluoranthene
Concen: 4.371 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:202 Resp: 74589

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	17.2	13.4	20.2



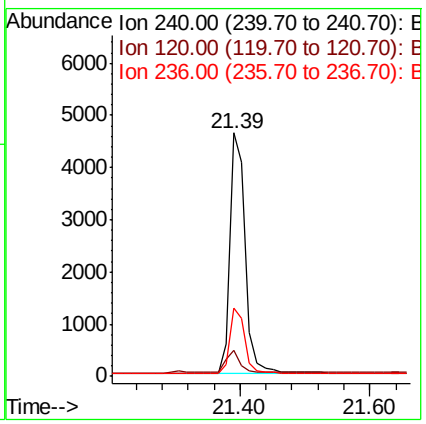


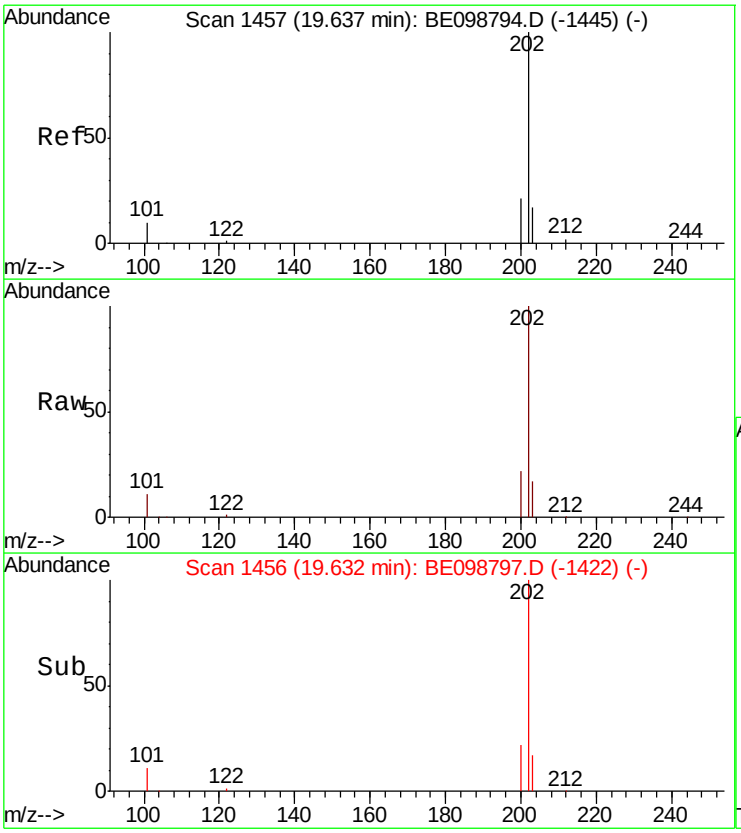
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 7754

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.0	7.4#
236	28.3	22.7	34.1

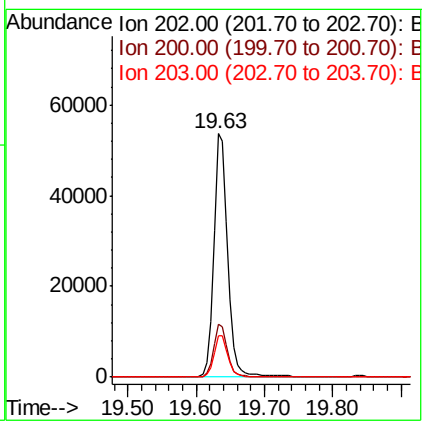


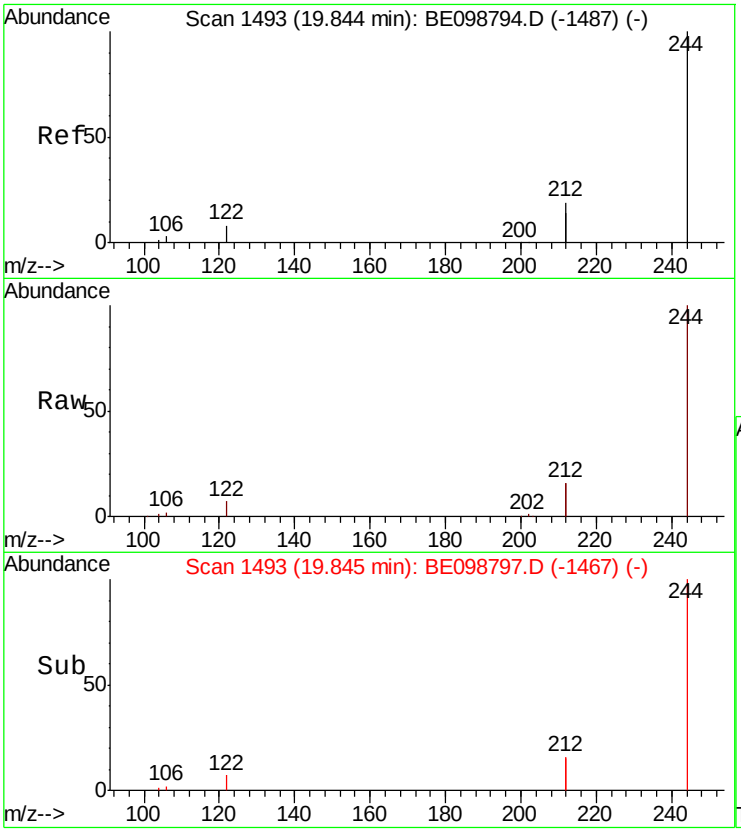


#28
Pyrene
Concen: 3.570 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:202 Resp: 76222

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.4	14.2	21.2



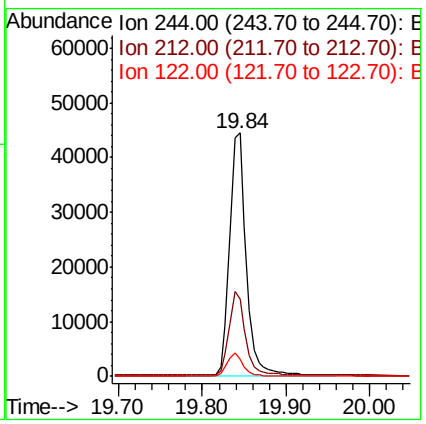


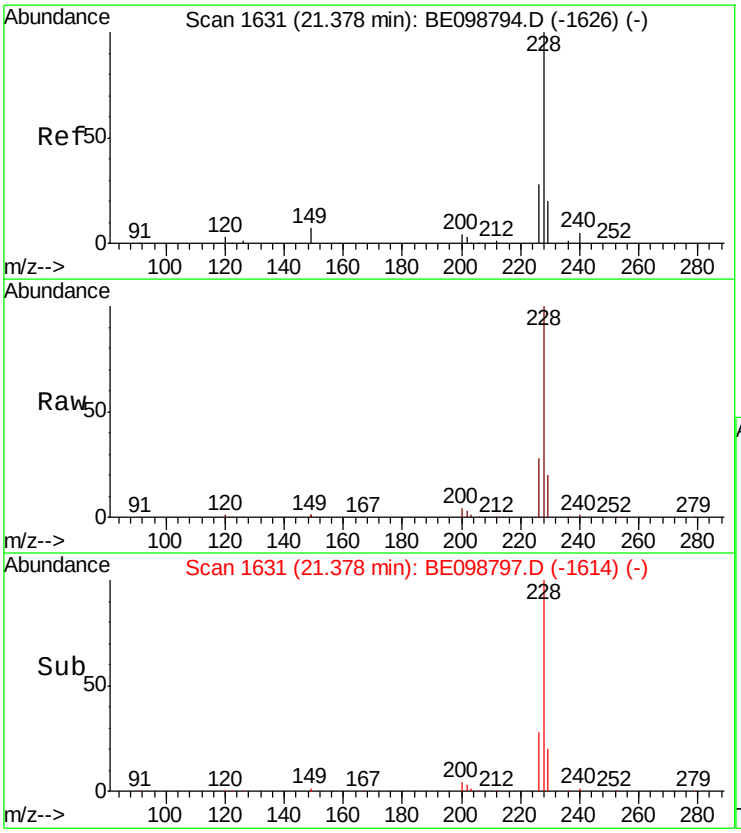
#29
Terphenyl-d14
Concen: 3.623 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 62154

Ion	Ratio	Lower	Upper
244	100		
212	31.9	29.4	44.2
122	7.2	7.1	10.7

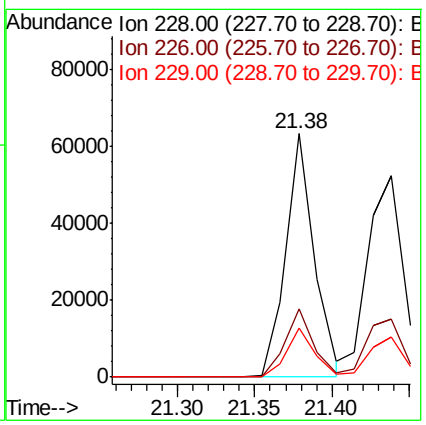


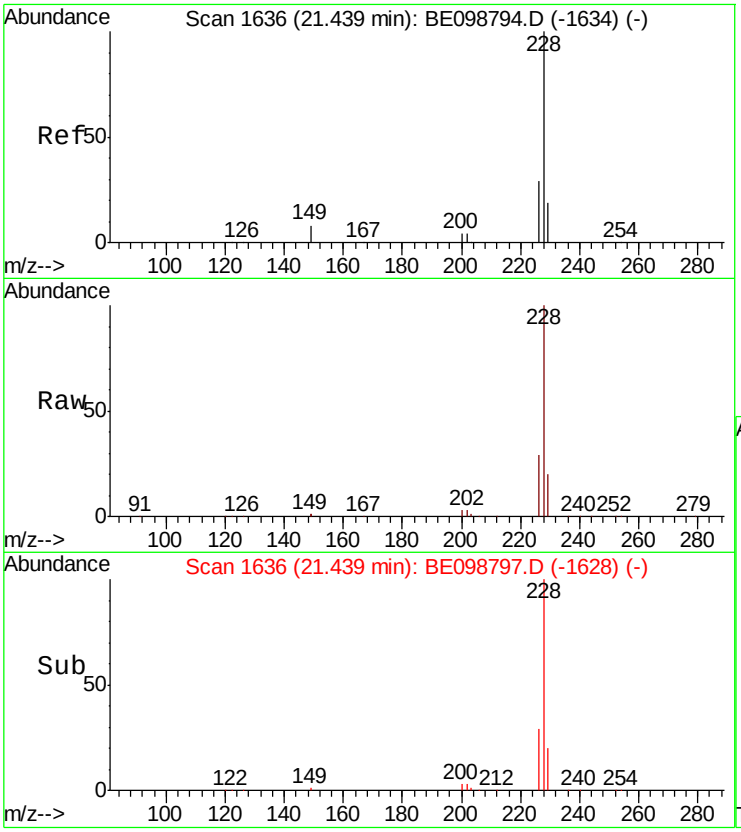


#30
Benzo(a)anthracene
Concen: 3.923 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:228 Resp: 81752

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	20.0	16.5	24.7



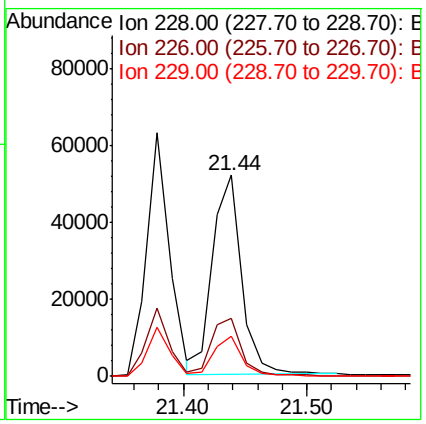


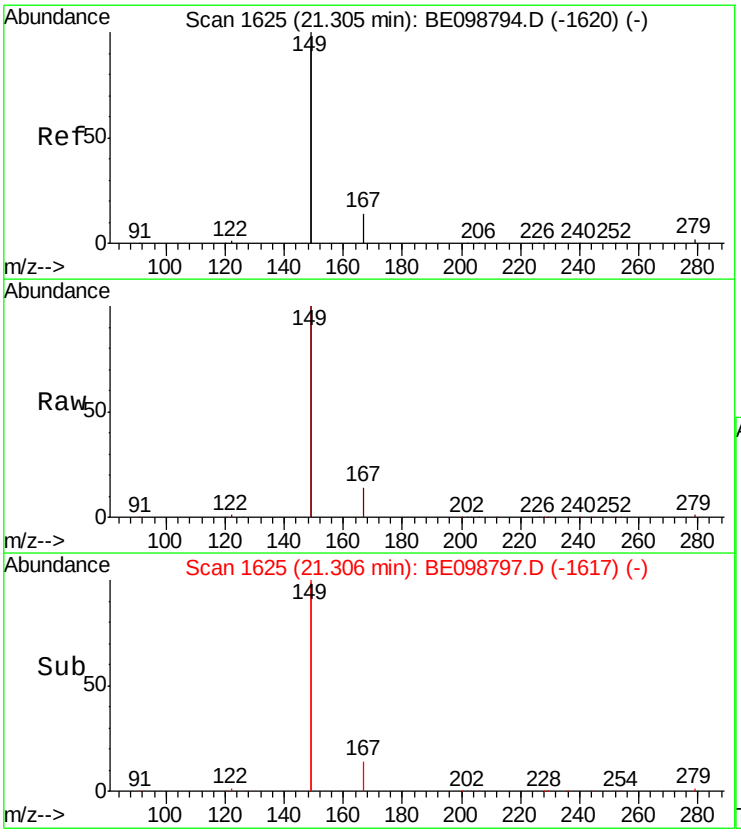
#31
Chrysene
Concen: 3.920 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 84686

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	20.1	16.1	24.1

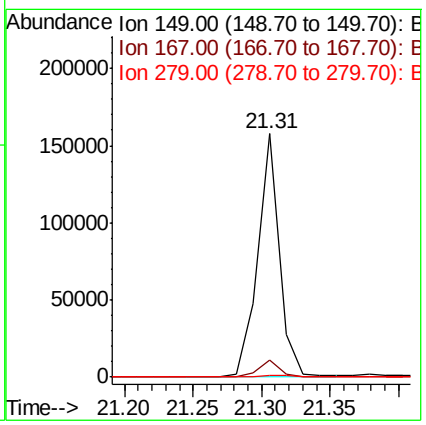


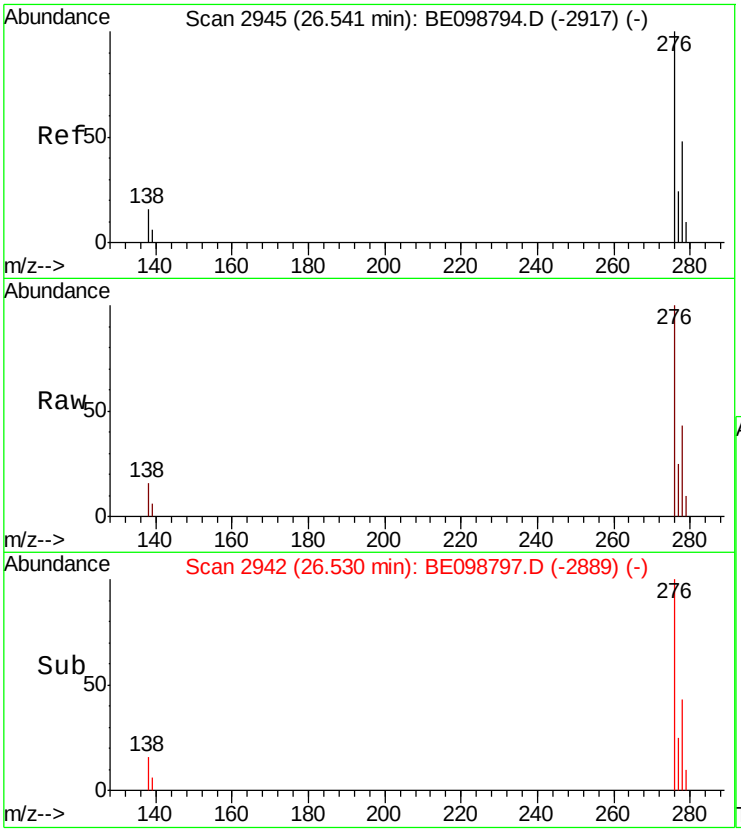


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.848 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:149 Resp: 170159

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



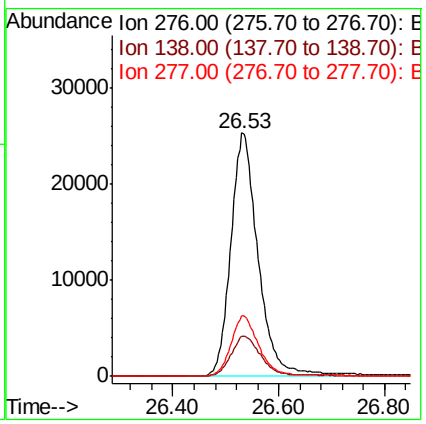


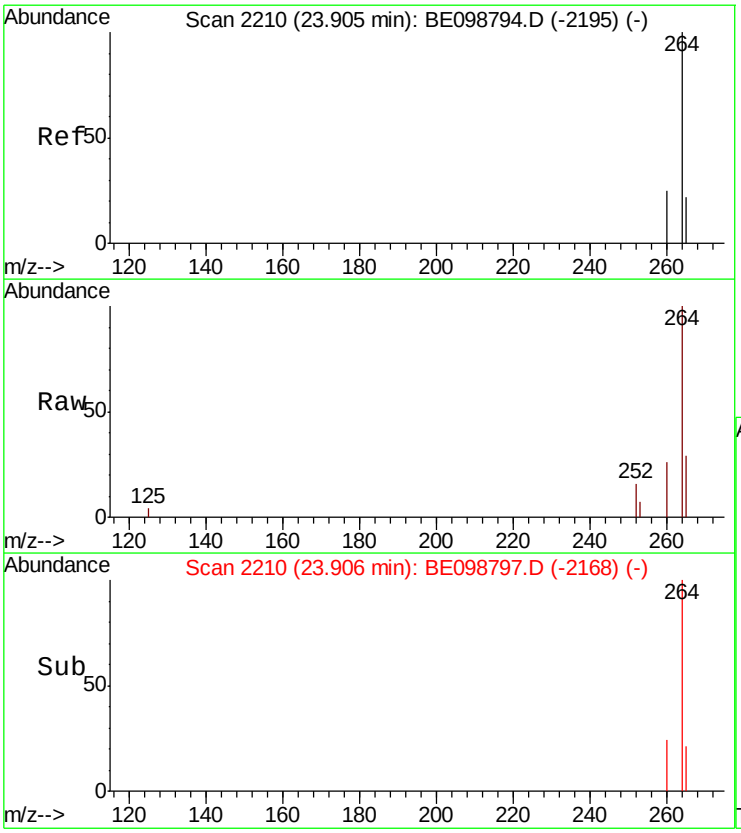
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.066 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 90614

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.8	20.8
277	25.1	19.5	29.3

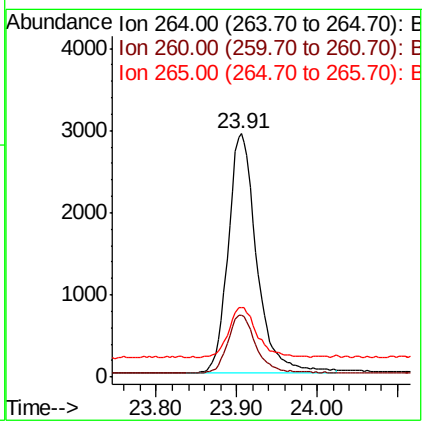


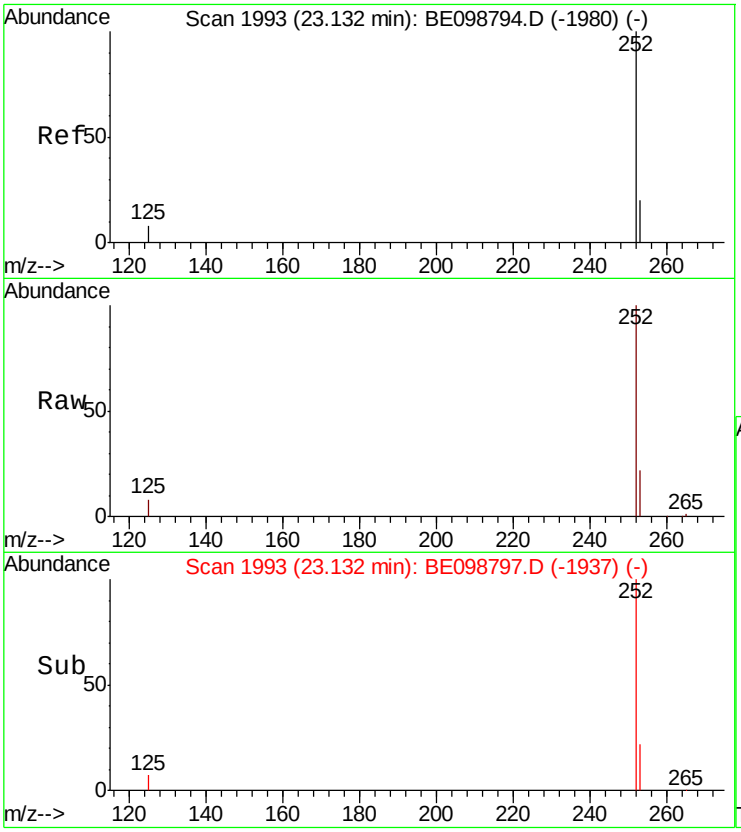


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:264 Resp: 7120

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.2	31.8
265	28.7	24.6	36.8



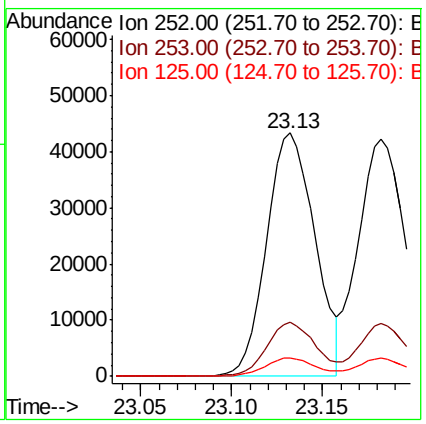


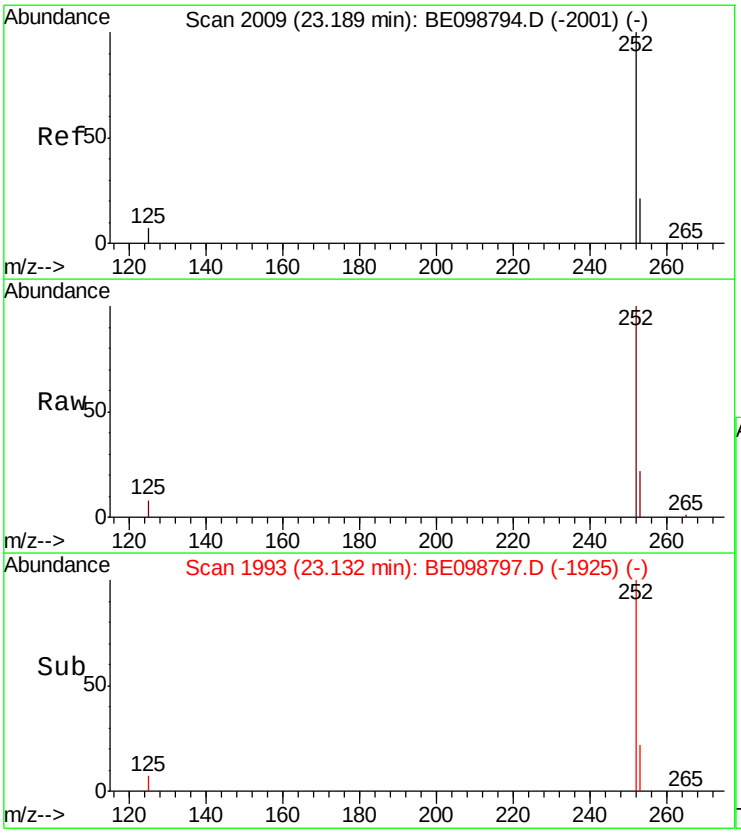
#35
Benzo(b)fluoranthene
Concen: 4.095 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 79530

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.6	7.3	10.9

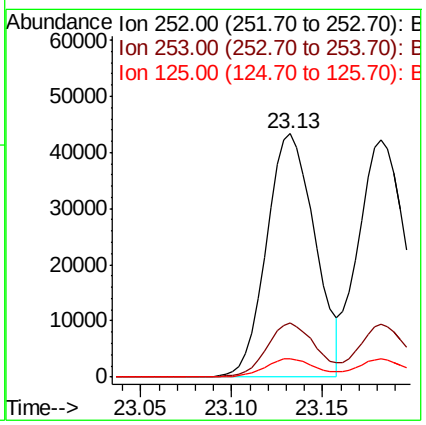


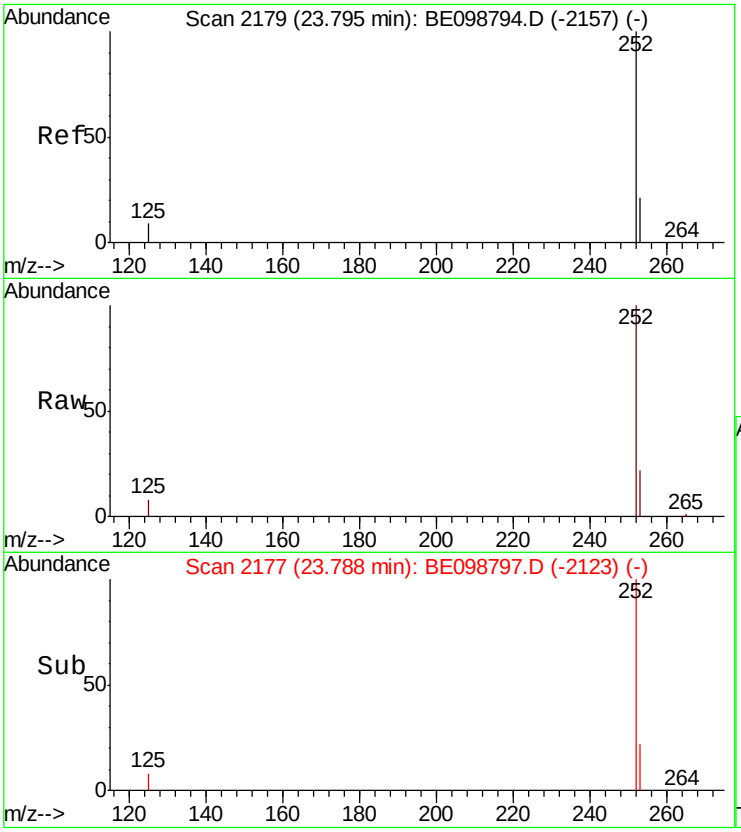


#36
Benzo(k)fluoranthene
Concen: 3.747 ng
RT: 23.13 min Scan# 1993
Delta R.T. -0.06 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:252 Resp: 79530

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.3	28.9
125	7.6	7.5	11.3



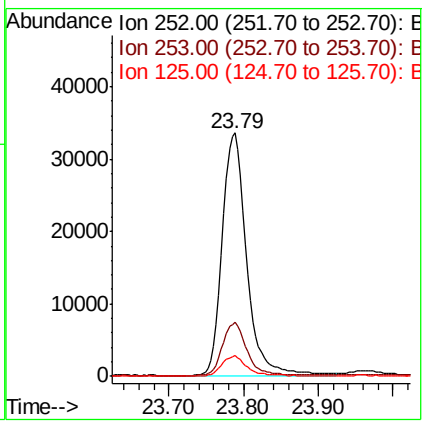


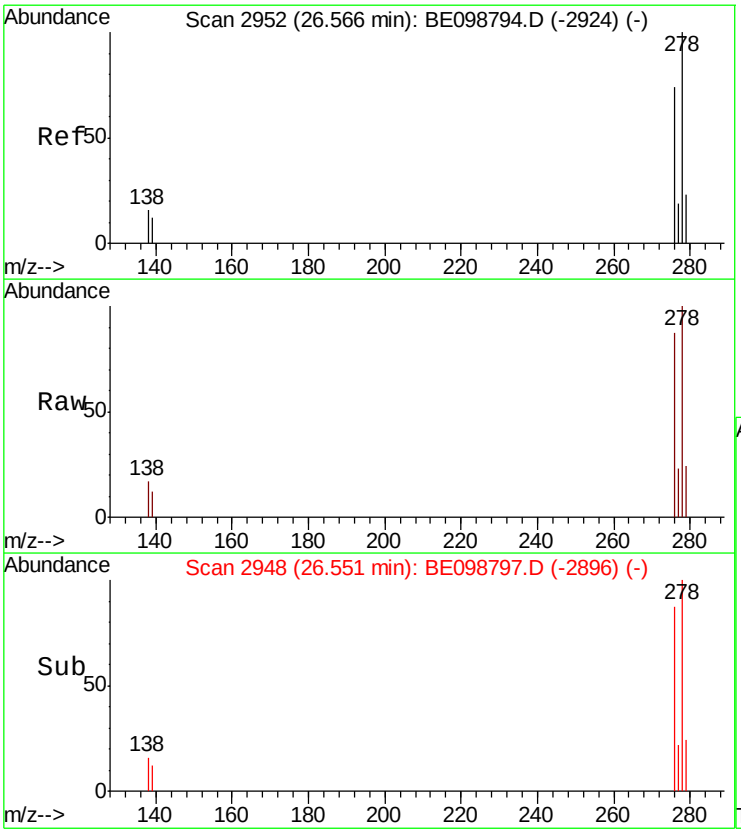
#37
Benzo(a)pyrene
Concen: 3.967 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 75694

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	8.4	9.0	13.4#

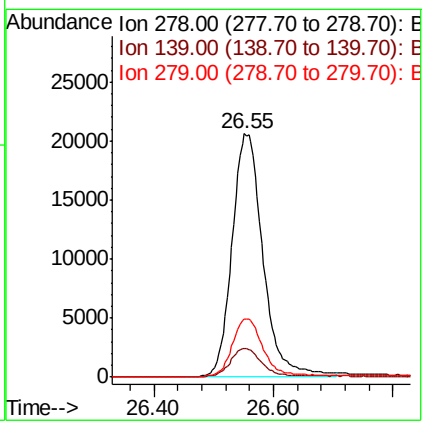


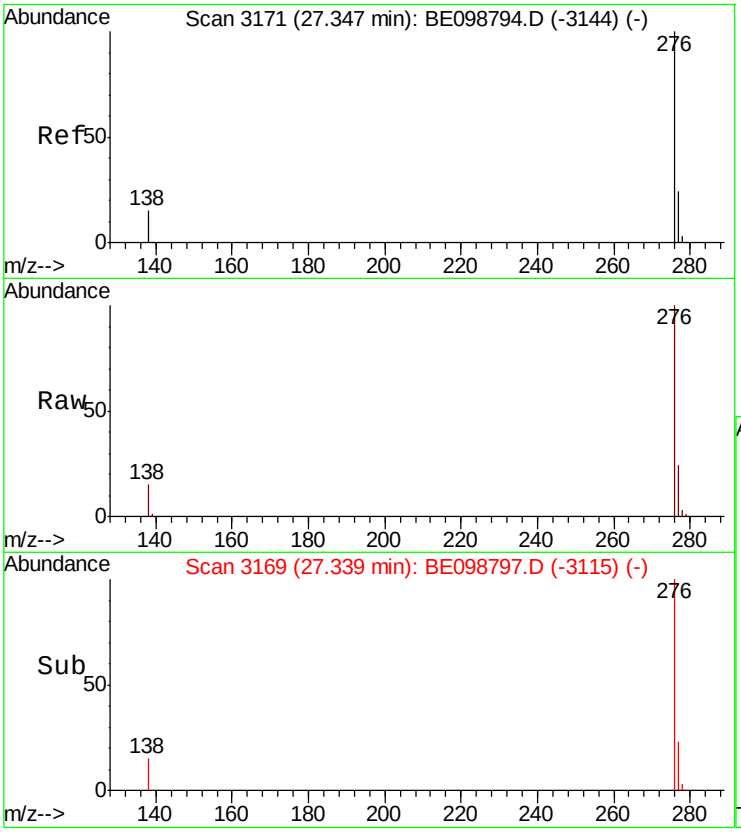


#38
Dibenzo(a,h)anthracene
Concen: 4.358 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Tgt Ion:278 Resp: 73633

Ion	Ratio	Lower	Upper
278	100		
139	11.8	11.8	17.6
279	24.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 4.008 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BE098797.D
Acq: 6 Mar 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 74210

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.4	30.6
138	15.5	13.6	20.4