Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

Quantitation Report (Not Reviewed)

Data File : BE101122.D
Acq On : 22 Jan 2020 19:45
Operator : CG/JU
Sample : L1179-05RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-MW-19

Quant Time: Jan 23 04:08:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3311	0.40	ng		-0.02
7) Naphthalene-d8	10.50	136	15543	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	22109	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	20573	0.40	ng		0.00
27) Chrysene-d12	21.28	240	18049	0.40	ng		0.00
34) Perylene-d12	23.70	264	20033	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	20118	2.70	ng		-0.02
5) Phenol-d6	6.92	99	3212	0.34	ng		0.00
8) Nitrobenzene-d5	8.82	82	12928	1.16	ng		-0.05
11) 2-Methylnaphthalene-d10	12.09	152	8643	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	1598	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	11238	0.13	ng		-0.01
25) Fluoranthene-d10	19.15	212	76891	0.27	ng		0.02
29) Terphenyl-d14	19.73	244	16014	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1167	0.032	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	36196	7.867	ng	#	1
6) bis(2-Chloroethyl)ether	7.06	93	1336426	119.021	ng	#	1
9) Naphthalene	10.56	128	63516692	368.033	ng	#	90
12) 2-Methylnaphthalene	12.17	142	920661	35.267	ng		99
16) Acenaphthylene	14.08	152	42390	0.471	ng	#	90
17) Acenaphthene	14.41	154	104958	1.629	ng		95
18) Fluorene	15.39	166	680363	8.351	ng		99
22) Pentachlorophenol	16.71	266	63	0.266	ng		86
23) Phenanthrene	17.13	178	747927	13.313	ng		98
24) Anthracene	17.13	178	747927	14.109	ng		98
26) Fluoranthene	19.18	202	125183	1.779	ng		100
28) Pyrene	19.53	202	75765	1.128	ng	#	95
30) Benzo(a)anthracene	21.26	228	6421	0.125	ng	#	73
31) Chrysene	21.31	228	4760	0.062	ng	#	55
32) Bis(2-ethylhexyl)phthalate	21.20	149	33668	0.392	ng		99
35) Benzo(b)fluoranthene	22.96	252	3008	0.054	ng	#	1
36) Benzo(k)fluoranthene	22.96	252	3008	0.037	ng	#	1
37) Benzo(a)pyrene	23.59	252	2194	0.040	ng	#	1

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

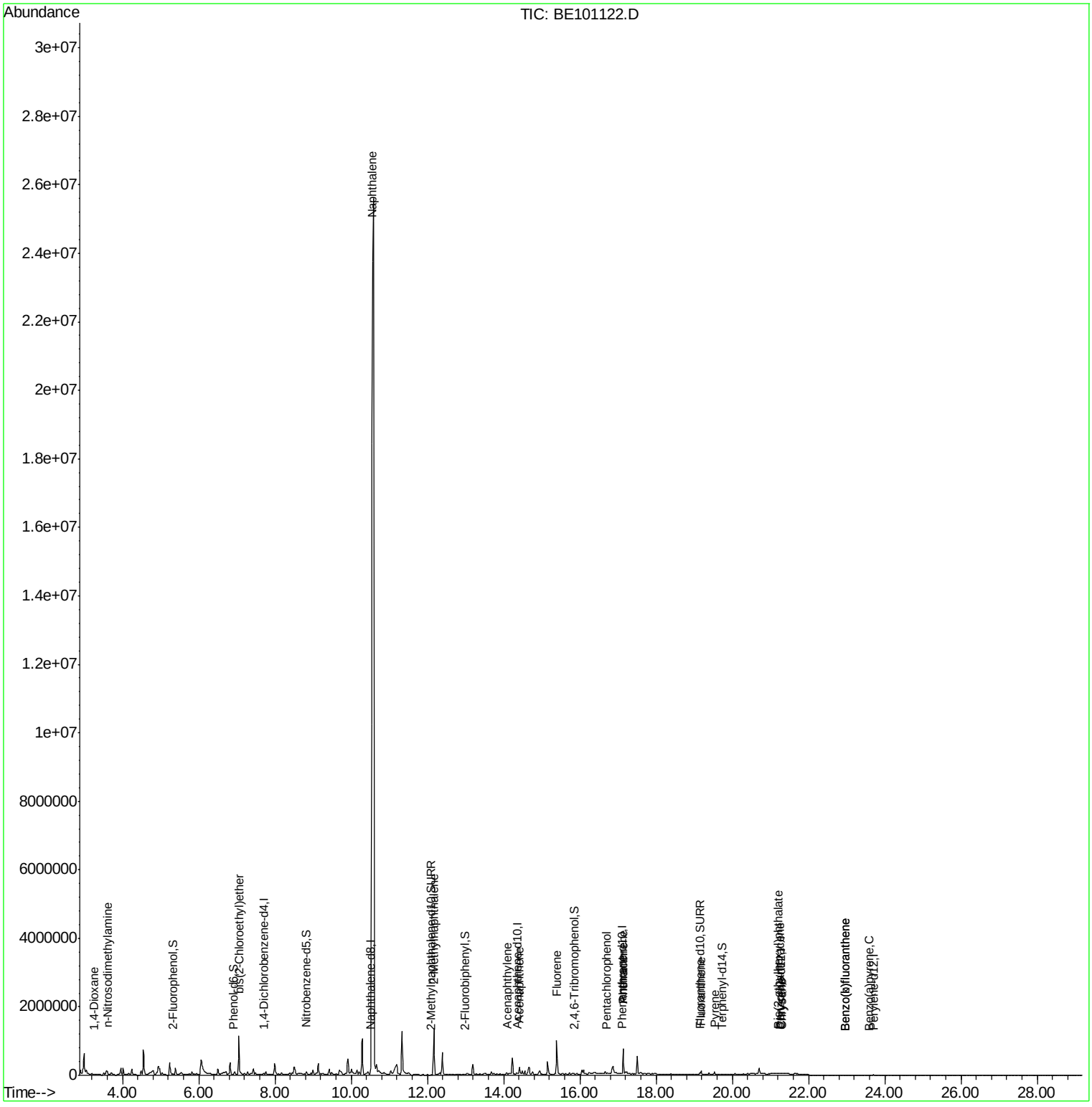
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

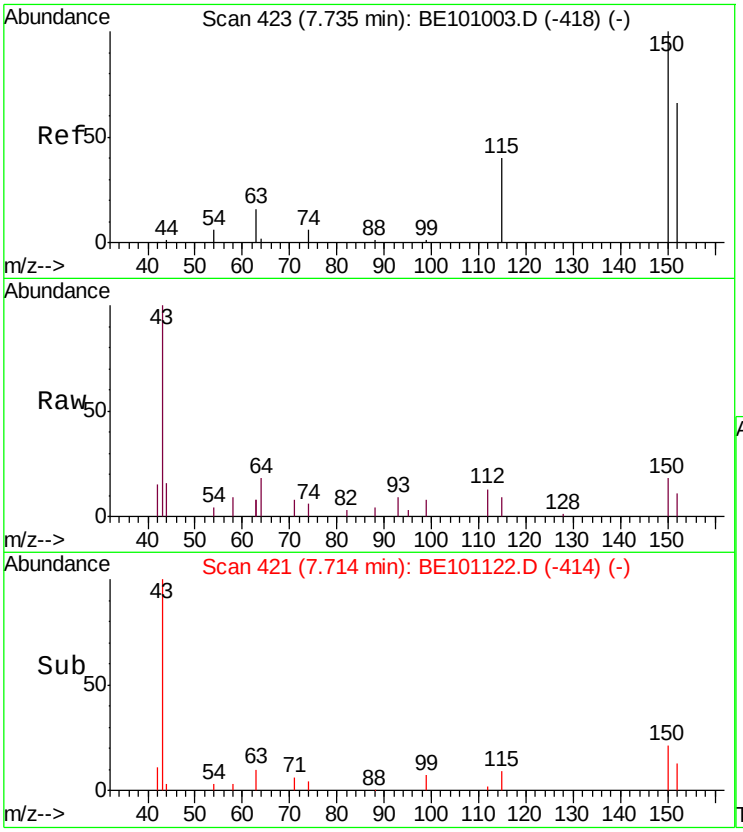
Quantitation Report (Not Reviewed)

Data File : BE101122.D
Acq On : 22 Jan 2020 19:45
Operator : CG/JU
Sample : L1179-05RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Quant Time: Jan 23 04:08:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



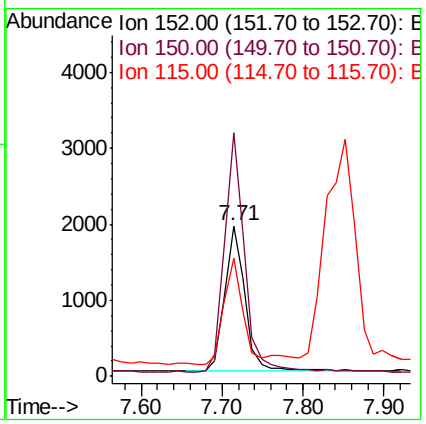


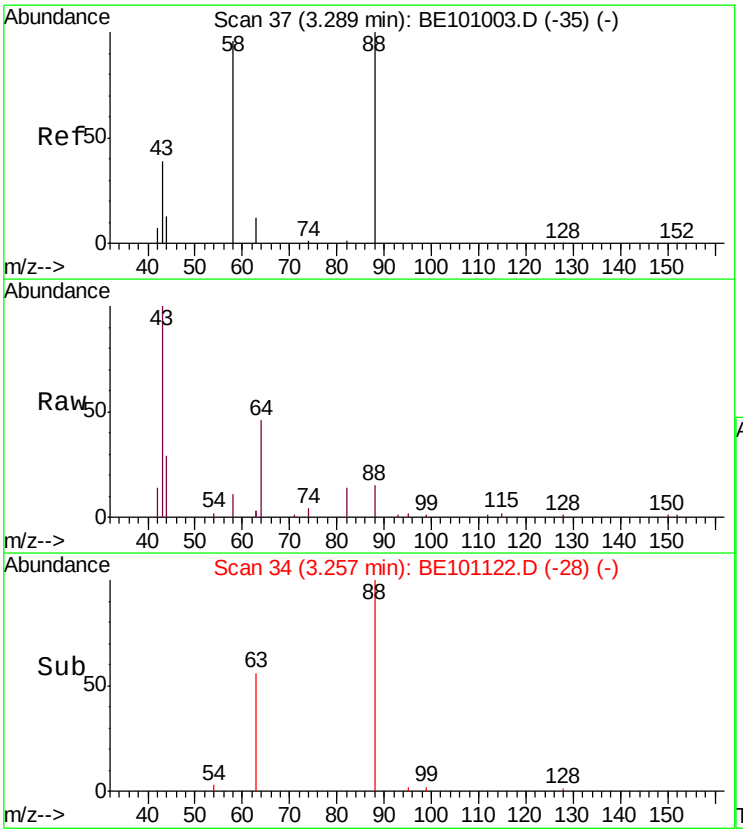
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:152 Resp: 3311

Ion	Ratio	Lower	Upper
152	100		
150	161.6	120.3	180.5
115	78.1	51.7	77.5#

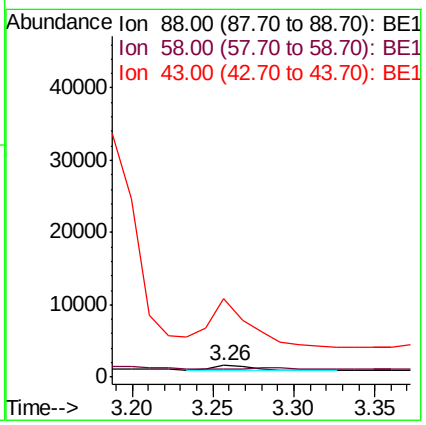


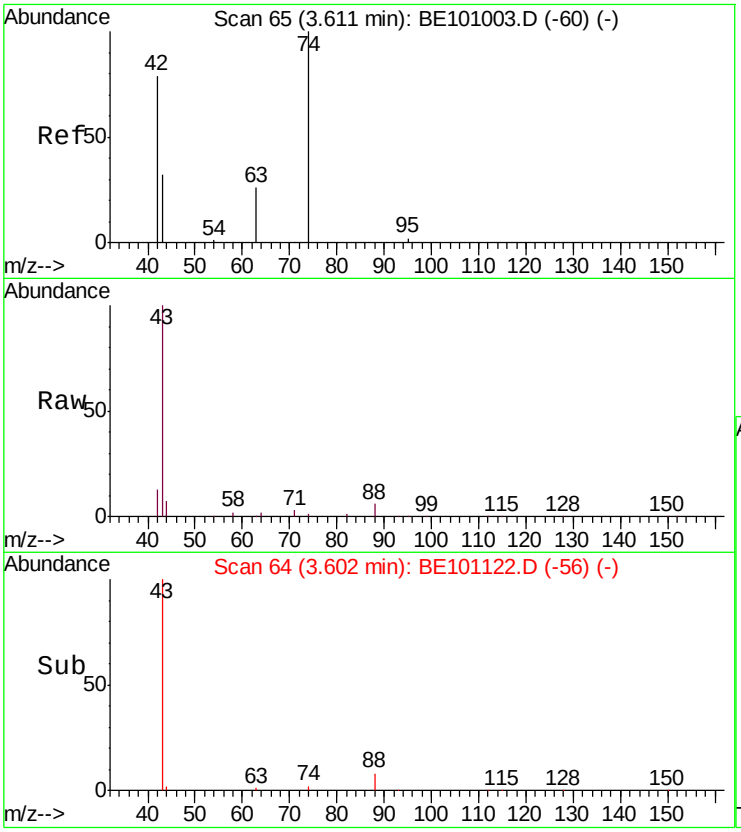


#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.03 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion: 88 Resp: 1167

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.0	79.4#
43	950.1	23.4	35.2#



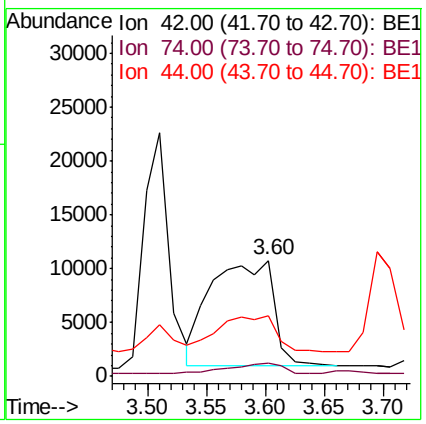


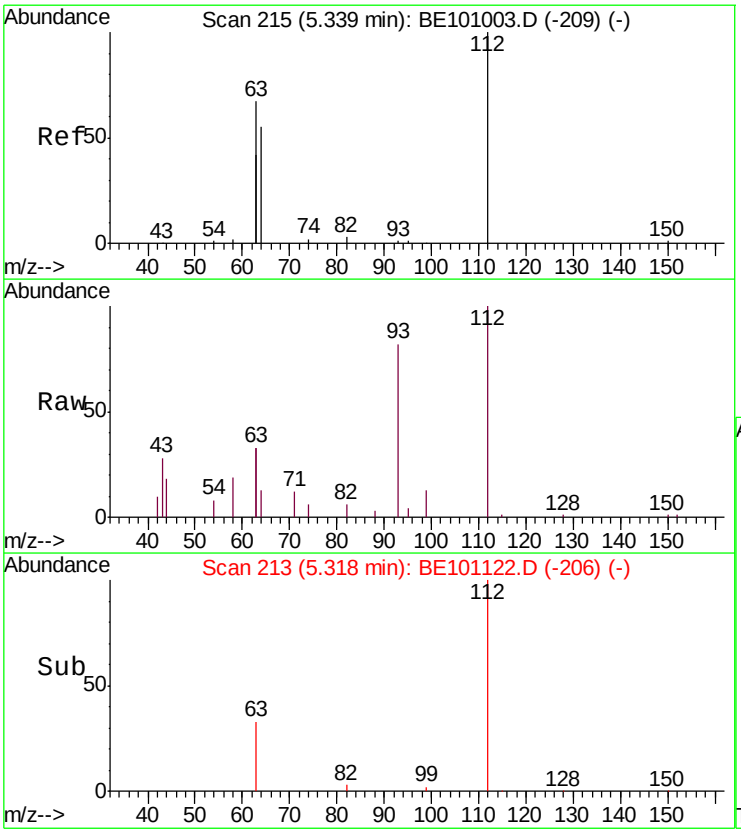
#3
n-Nitrosodimethylamine
Concen: 7.867 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion: 42 Resp: 36196

Ion	Ratio	Lower	Upper
42	100		
74	8.5	105.7	158.5#
44	31.0	10.0	15.0#

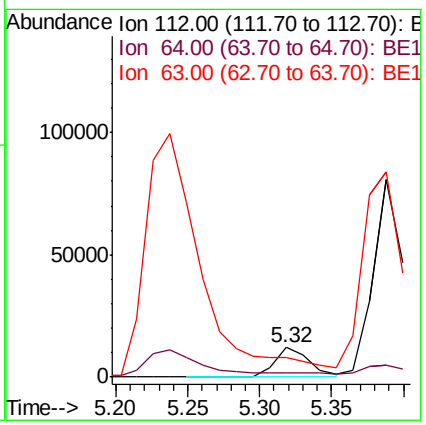


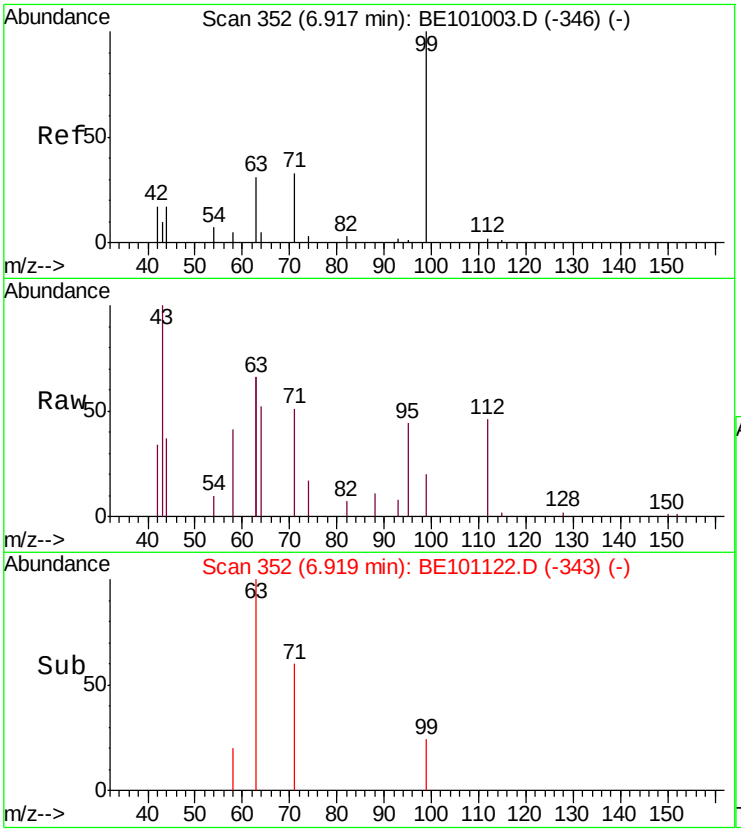


#4
2-Fluorophenol
Concen: 2.700 ng
RT: 5.32 min Scan# 213
Delta R.T. -0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:112 Resp: 20118

Ion	Ratio	Lower	Upper
112	100		
64	4.2	53.6	80.4#
63	0.0	114.6	172.0#



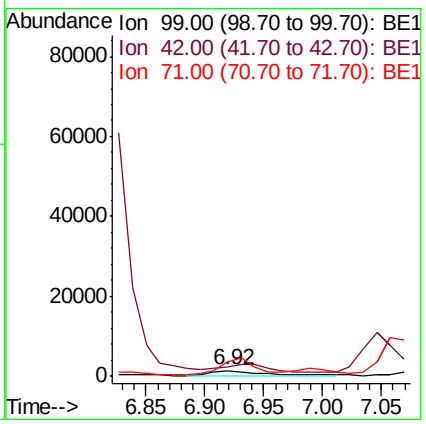


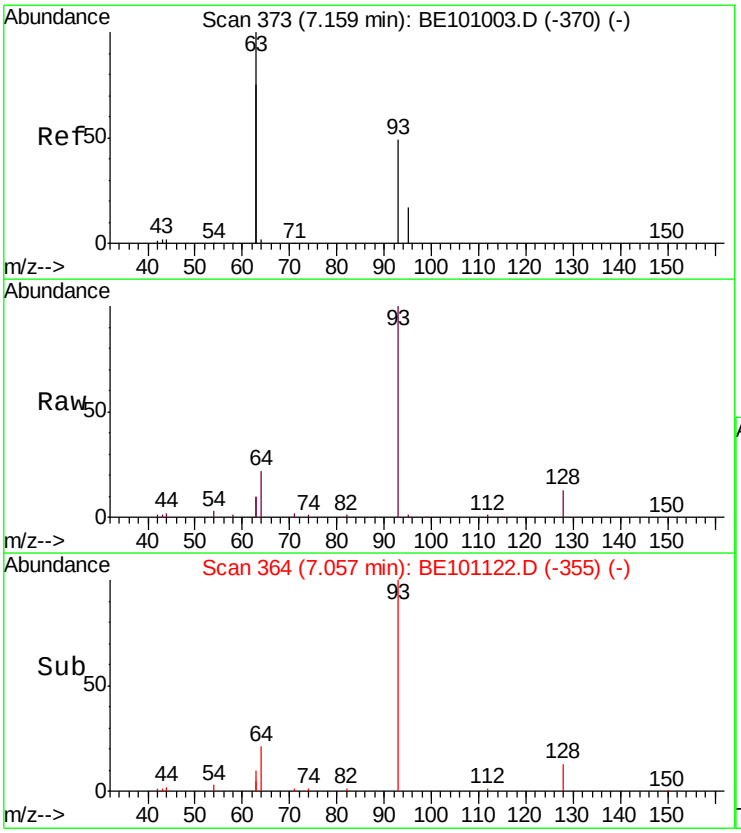
#5
Phenol-d6
Concen: 0.341 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion: 99 Resp: 3212

Ion	Ratio	Lower	Upper
99	100		
42	157.1	18.3	27.5#
71	252.0	28.0	42.0#

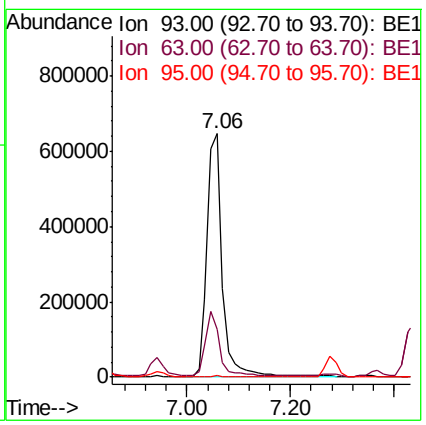


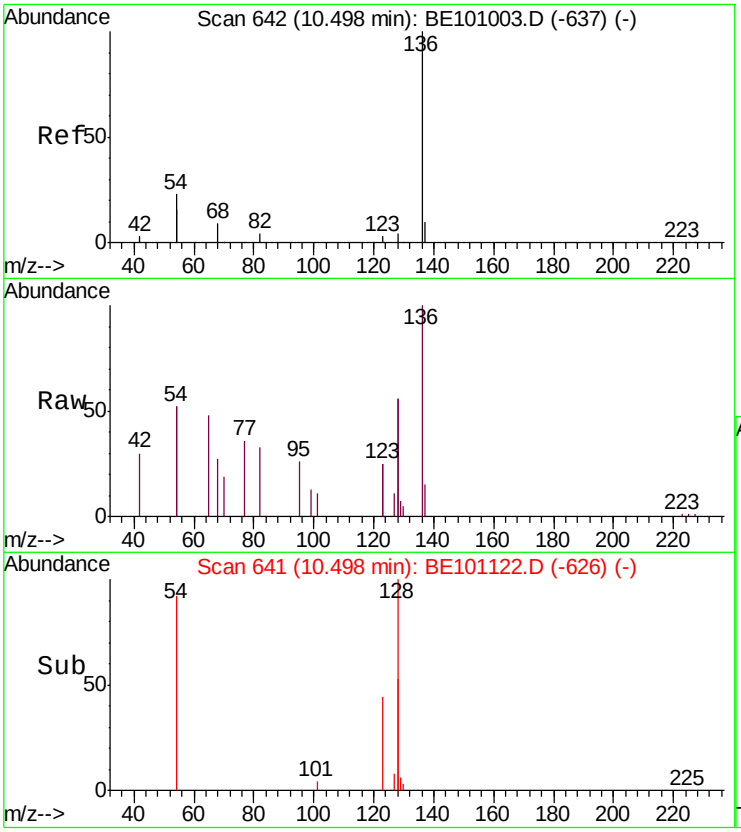


#6
bis(2-Chloroethyl)ether
Concen: 119.021 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.10 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion: 93 Resp: 1336426

Ion	Ratio	Lower	Upper
93	100		
63	23.7	233.9	350.9#
95	0.5	23.5	35.3#



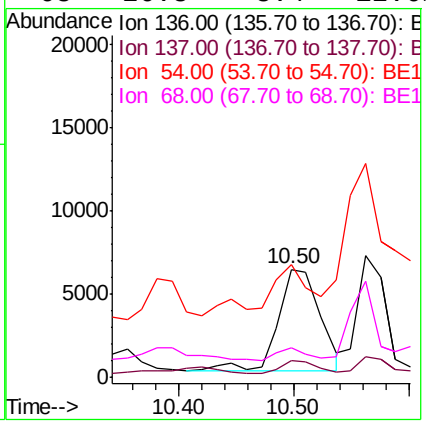


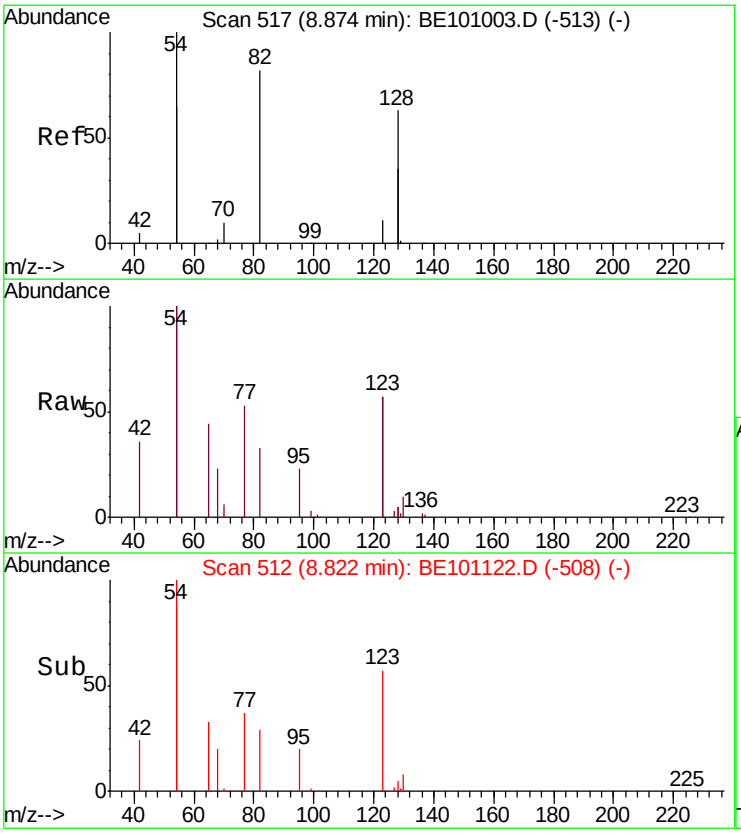
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:136 Resp: 15543

Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.3	13.9#
54	104.3	36.8	55.2#
68	26.8	8.4	12.6#

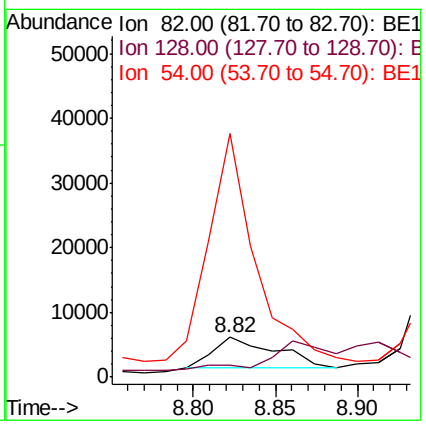


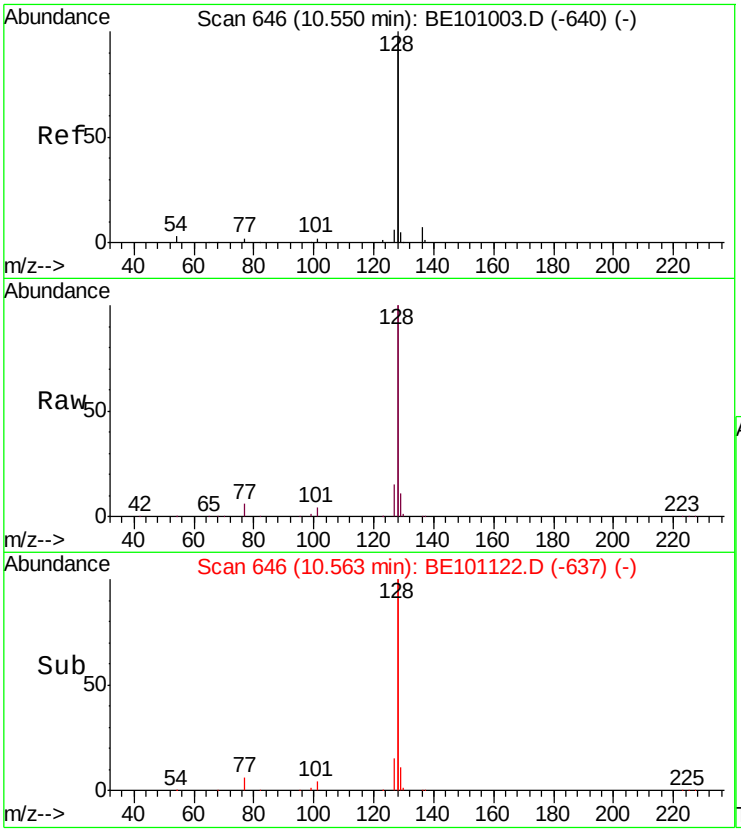


#8
Nitrobenzene-d5
Concen: 1.163 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.05 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion: 82 Resp: 12928

Ion	Ratio	Lower	Upper
82	100		
128	31.3	109.8	164.6#
54	615.2	174.5	261.7#



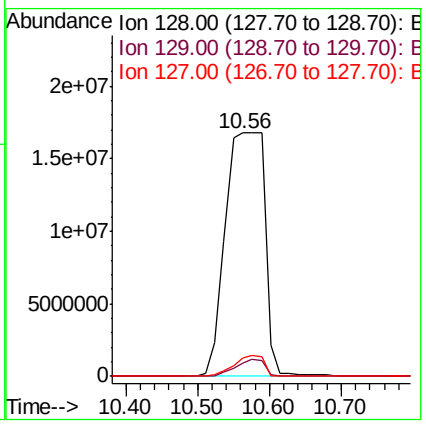


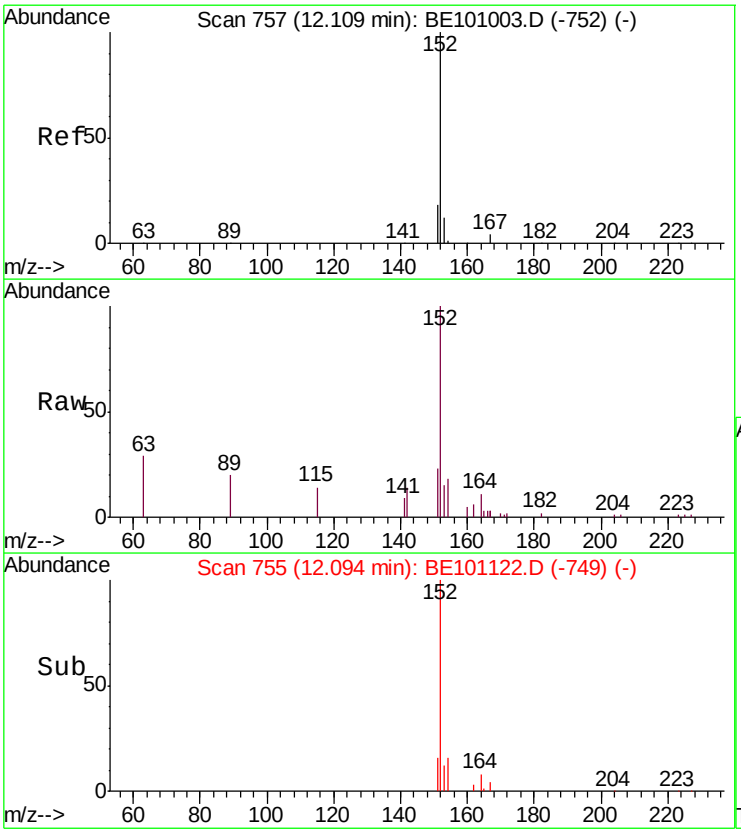
#9
Naphthalene
Concen: 368.033 ng
RT: 10.56 min Scan# 646
Delta R.T. 0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:128 Resp:63516692

Ion	Ratio	Lower	Upper
128	100		
129	5.7	2.3	3.5#
127	7.4	2.7	4.1#

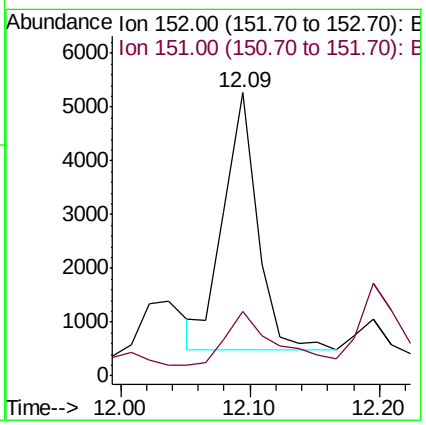


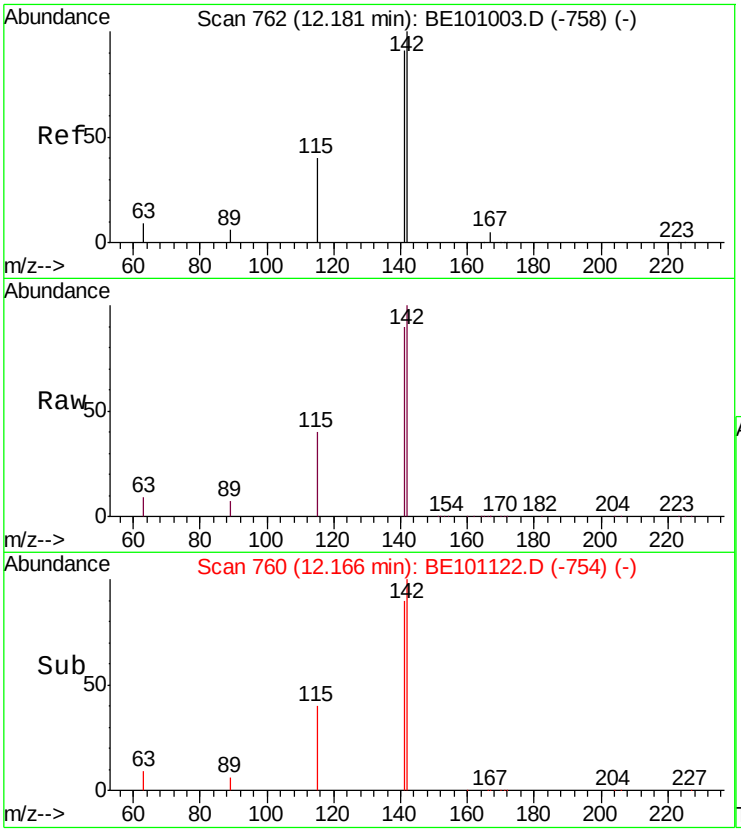


#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:152 Resp: 8643

Ion	Ratio	Lower	Upper
152	100		
151	29.9	15.0	22.6#



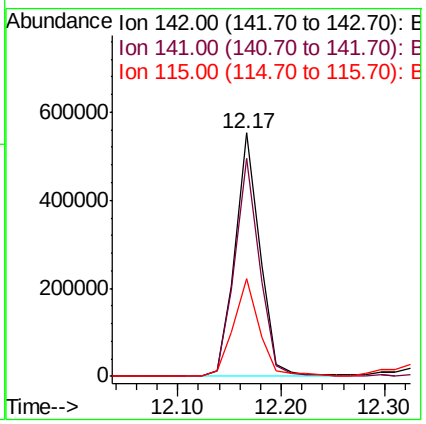


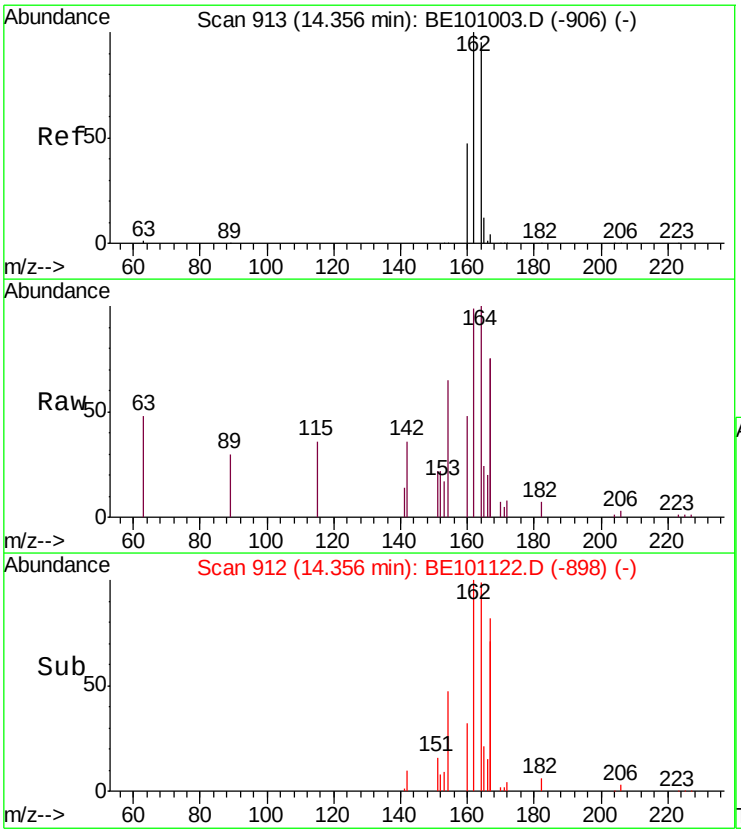
#12
2-Methylnaphthalene
Concen: 35.267 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:142 Resp: 920661

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.5	108.7
115	40.0	33.0	49.6

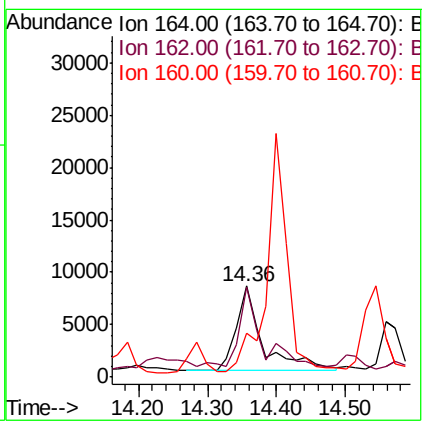


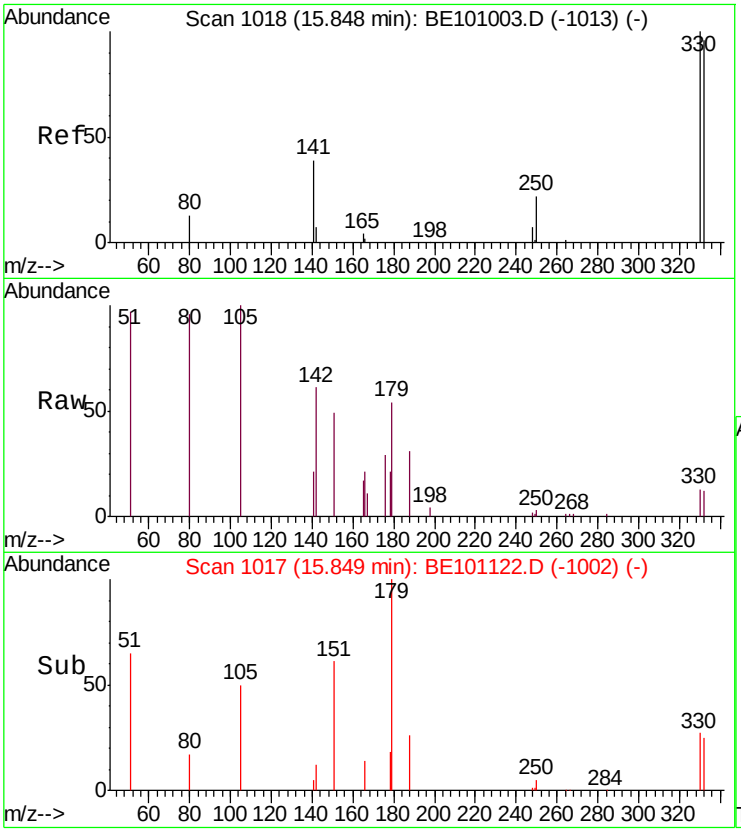


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:164 Resp: 22109

Ion	Ratio	Lower	Upper
164	100		
162	99.4	84.1	126.1
160	47.8	40.4	60.6



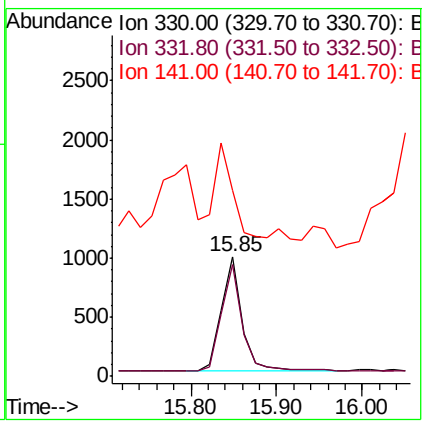


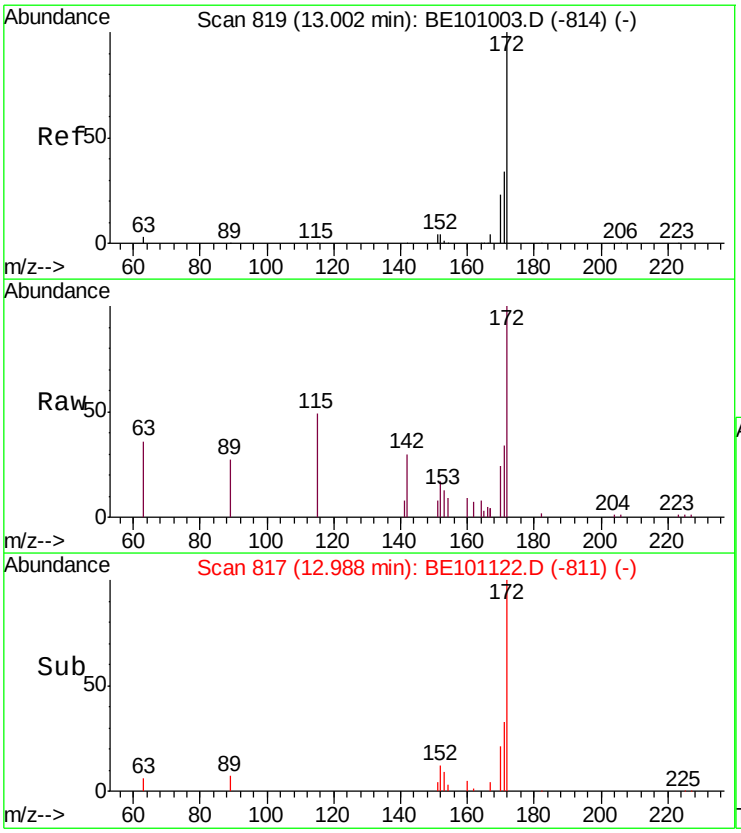
#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:330 Resp: 1598

Ion	Ratio	Lower	Upper
330	100		
332	92.4	78.4	117.6
141	77.6	37.0	55.4#

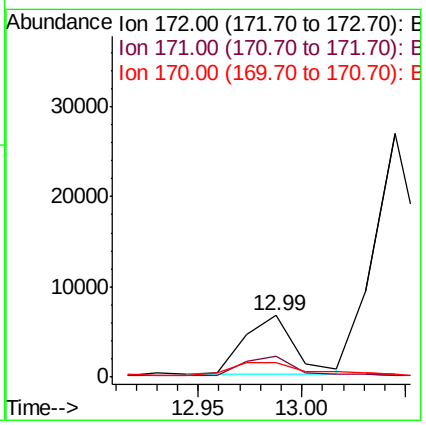


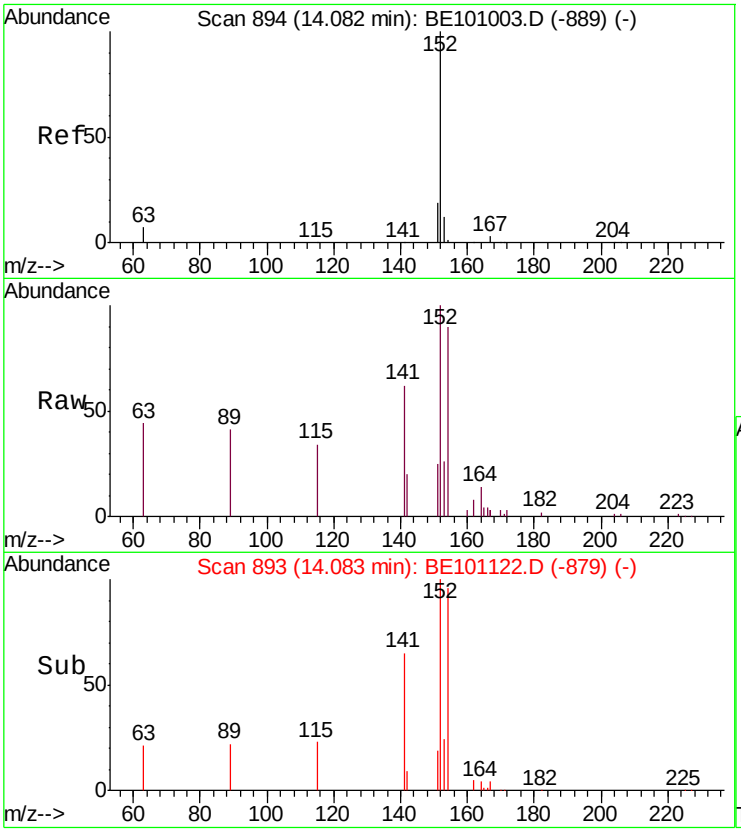


#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:172 Resp: 11238

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.2	42.2
170	24.2	18.9	28.3



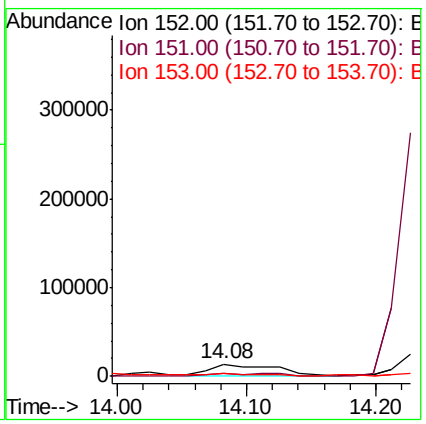


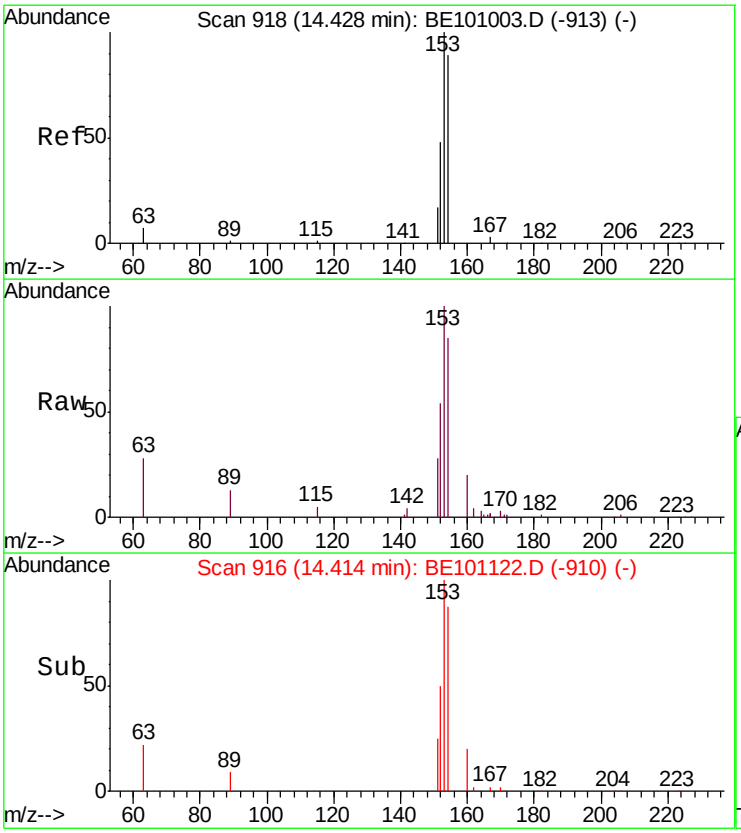
#16
Acenaphthylene
Concen: 0.471 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:152 Resp: 42390

Ion	Ratio	Lower	Upper
152	100		
151	24.9	15.5	23.3#
153	15.7	10.4	15.6#

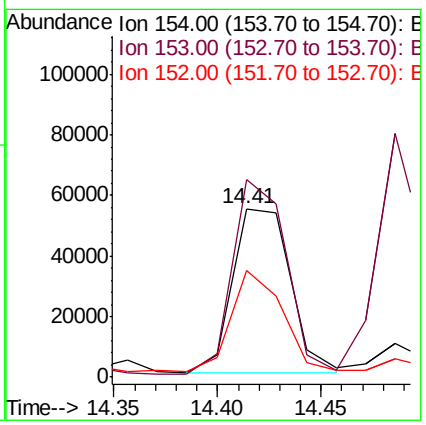


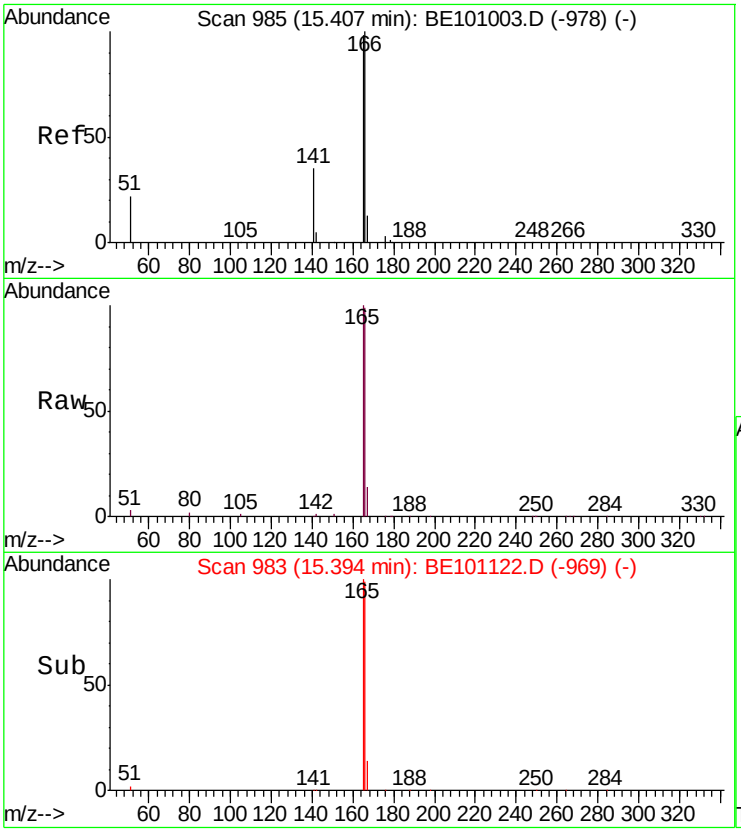


#17
Acenaphthene
Concen: 1.629 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:154 Resp: 104958

Ion	Ratio	Lower	Upper
154	100		
153	111.5	93.6	140.4
152	55.3	46.3	69.5



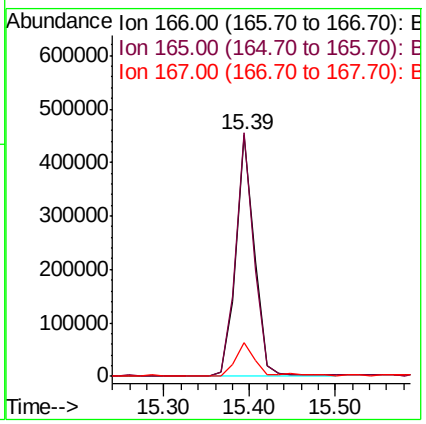


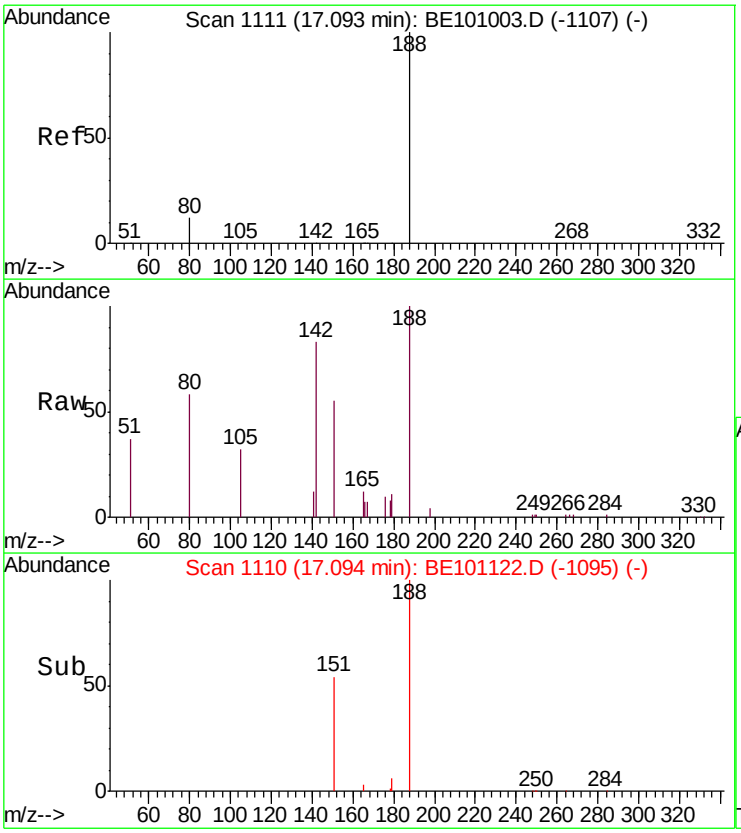
#18
Fluorene
Concen: 8.351 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:166 Resp: 680363

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.8	11.0	16.6

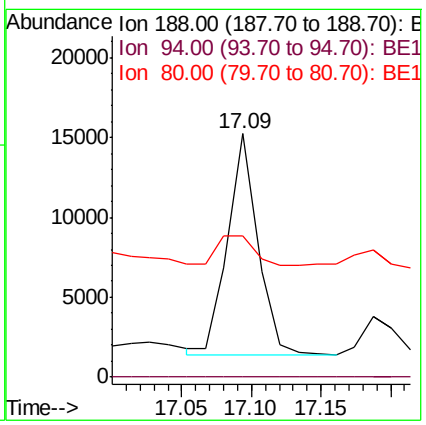


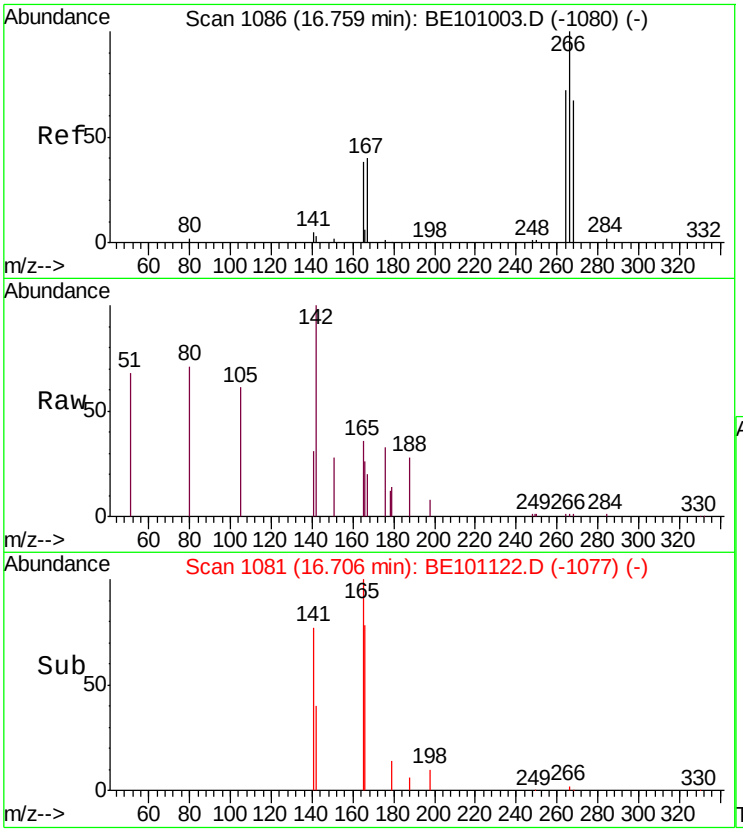


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:188 Resp: 20573

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	57.7	10.8	16.2#



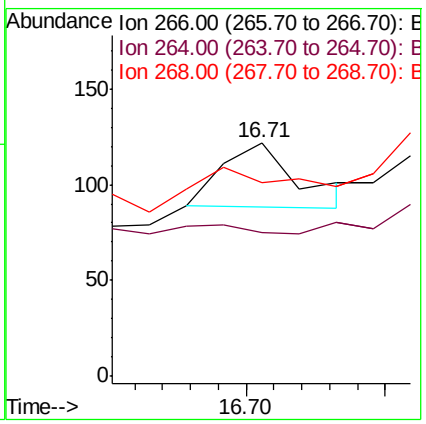


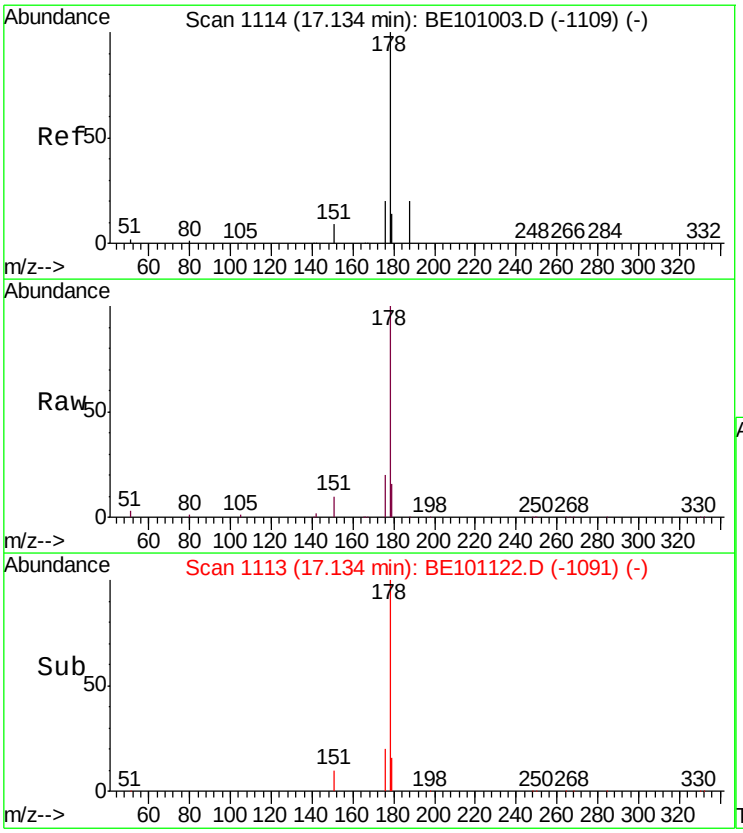
#22
Pentachlorophenol
Concen: 0.266 ng
RT: 16.71 min Scan# 1081
Delta R.T. -0.05 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
264	61.5	61.0	91.4
268	82.8	58.5	87.7

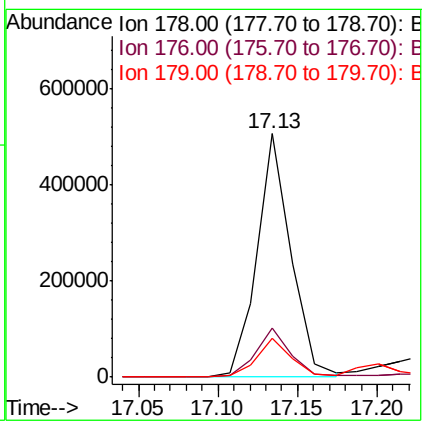


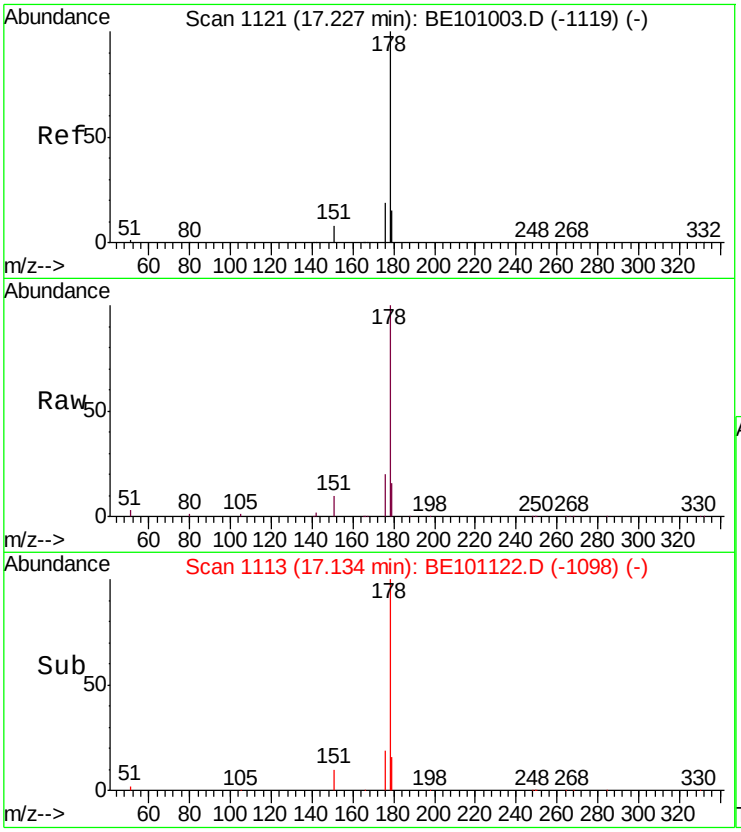


#23
Phenanthrene
Concen: 13.313 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:178 Resp: 747927

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.2	12.0	18.0



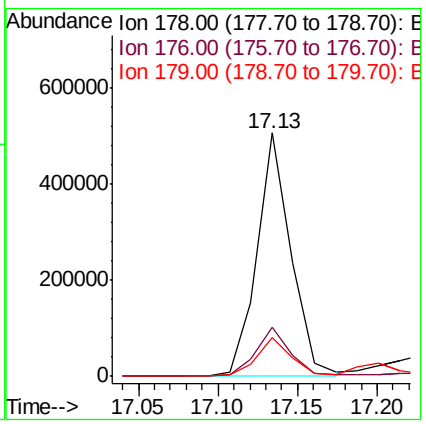


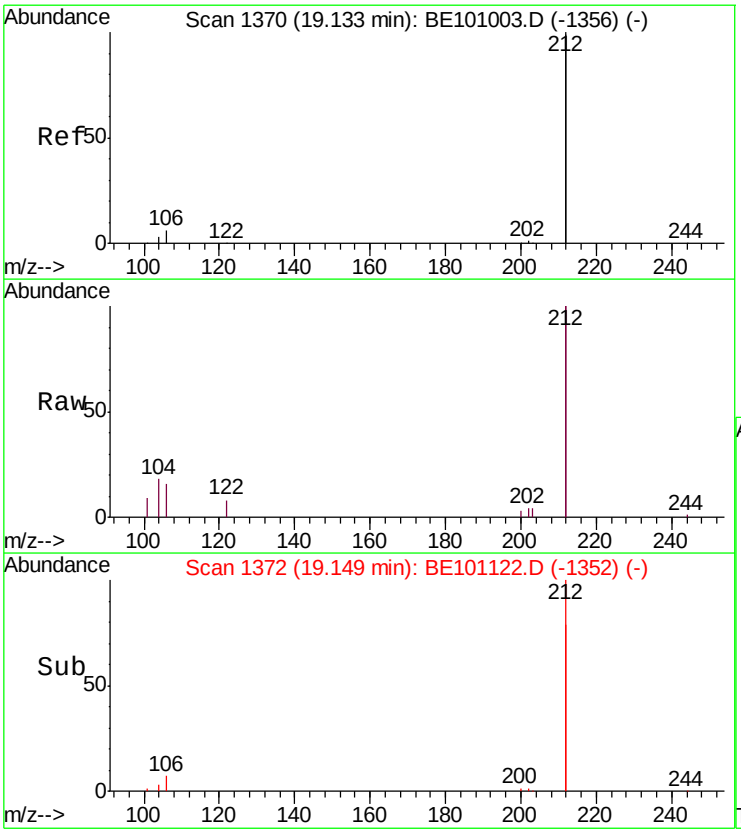
#24
Anthracene
Concen: 14.109 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:178 Resp: 747927

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	16.2	12.4	18.6

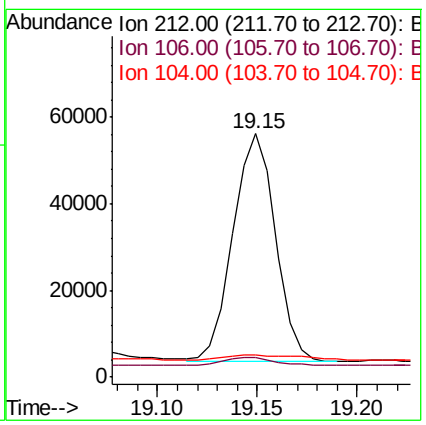


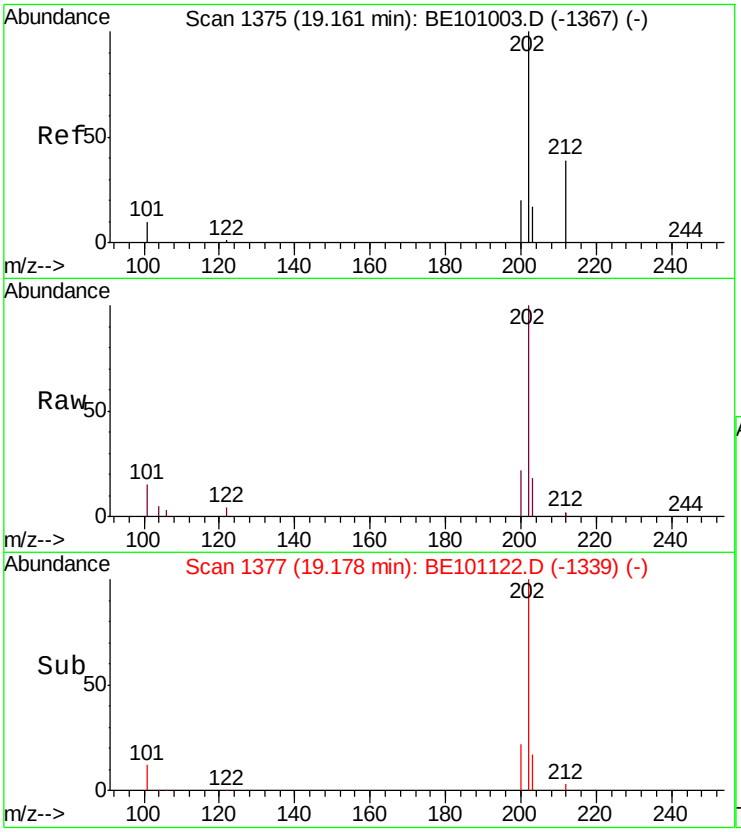


#25
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:212 Resp: 76891

Ion	Ratio	Lower	Upper
212	100		
106	4.4	2.6	3.8#
104	5.1	1.4	2.0#



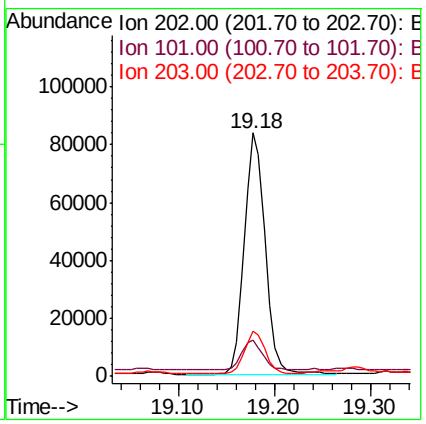


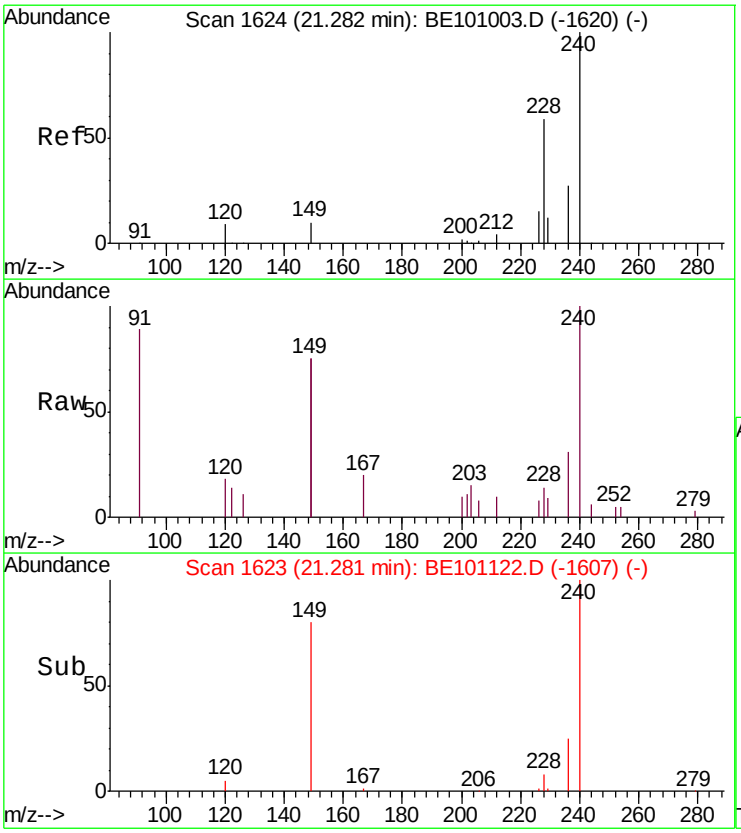
#26
Fluoranthene
Concen: 1.779 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:202 Resp: 125183

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.3	13.8	20.6

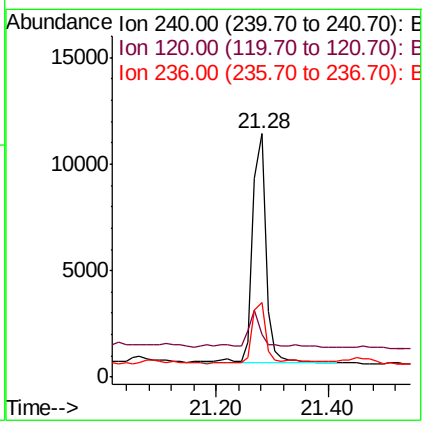


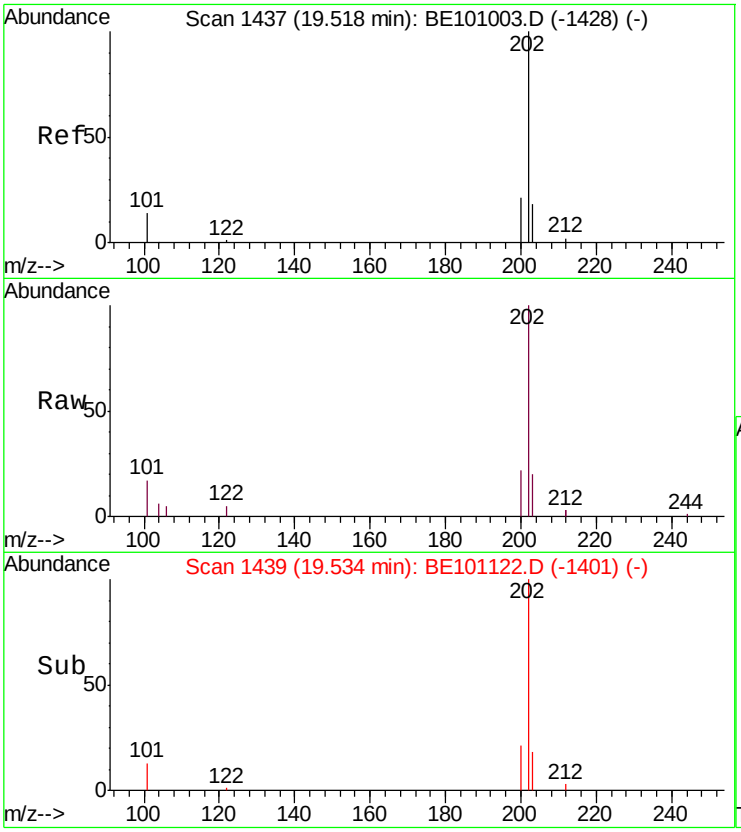


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:240 Resp: 18049

Ion	Ratio	Lower	Upper
240	100		
120	17.7	8.6	13.0#
236	30.7	22.2	33.4



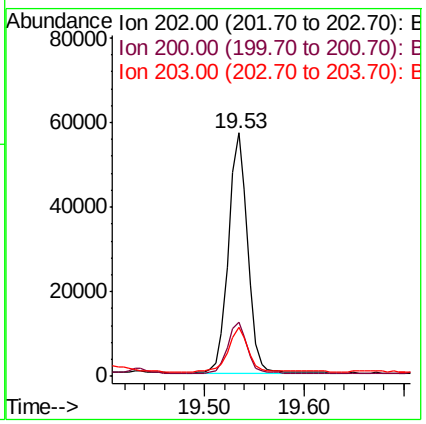


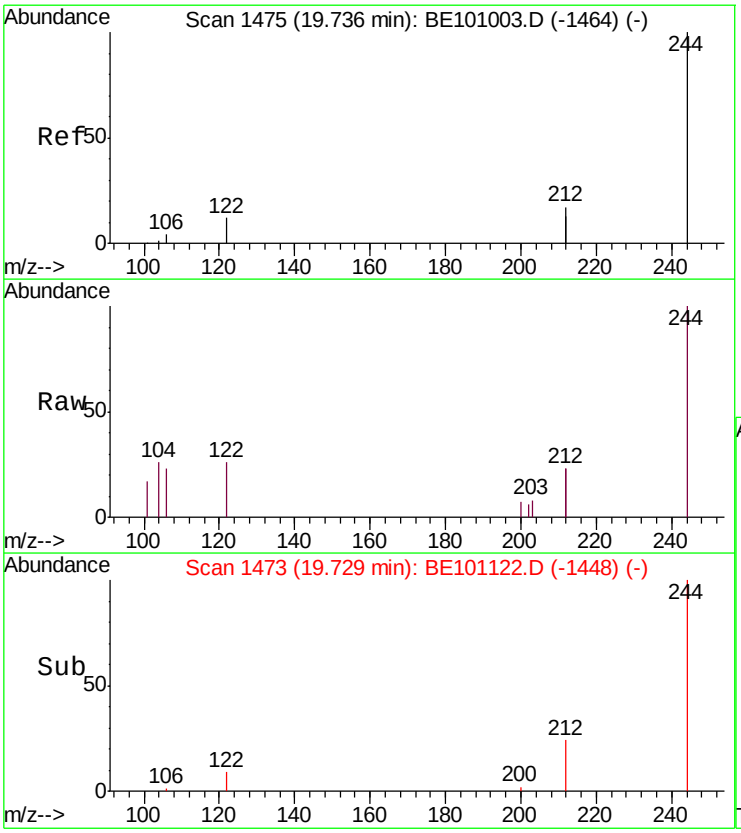
#28
Pyrene
Concen: 1.128 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:202 Resp: 75765

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.4
203	20.7	13.8	20.6#

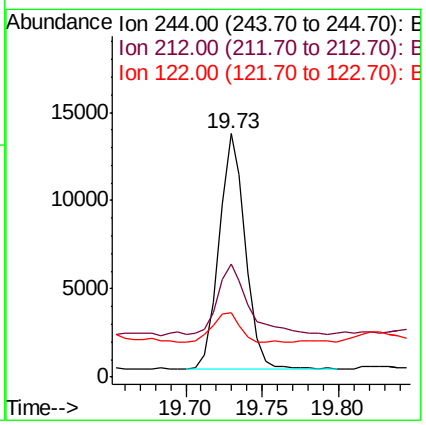


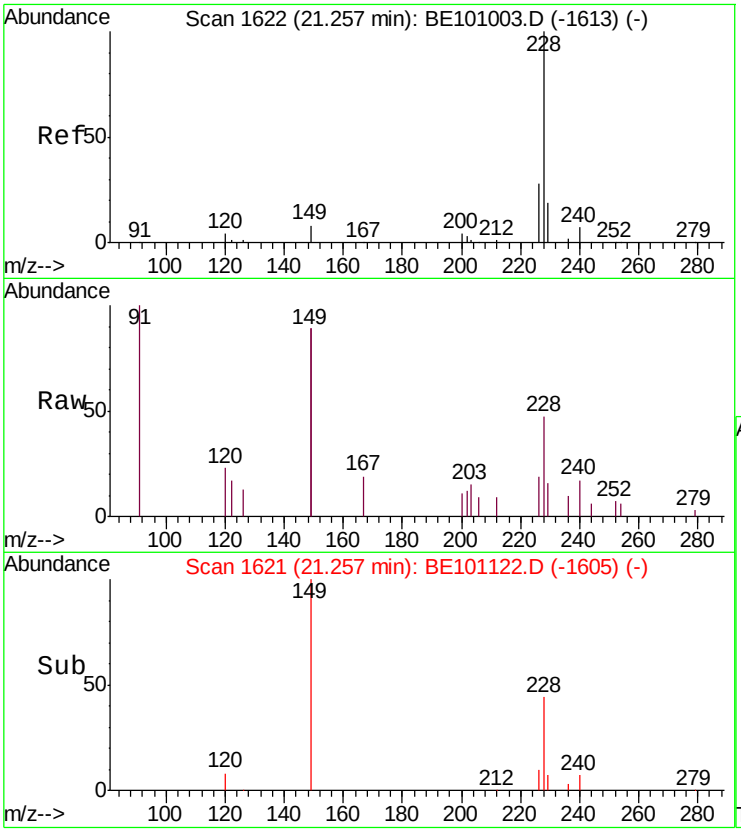


#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:244 Resp: 16014

Ion	Ratio	Lower	Upper
244	100		
212	46.3	27.2	40.8#
122	26.5	9.8	14.8#



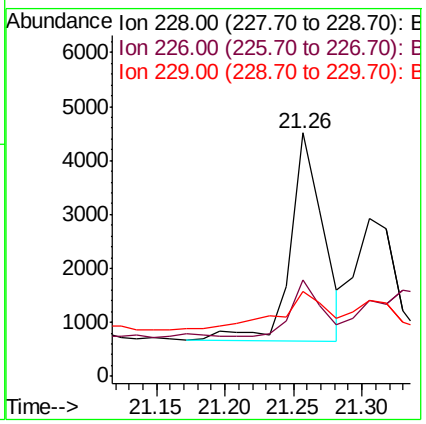


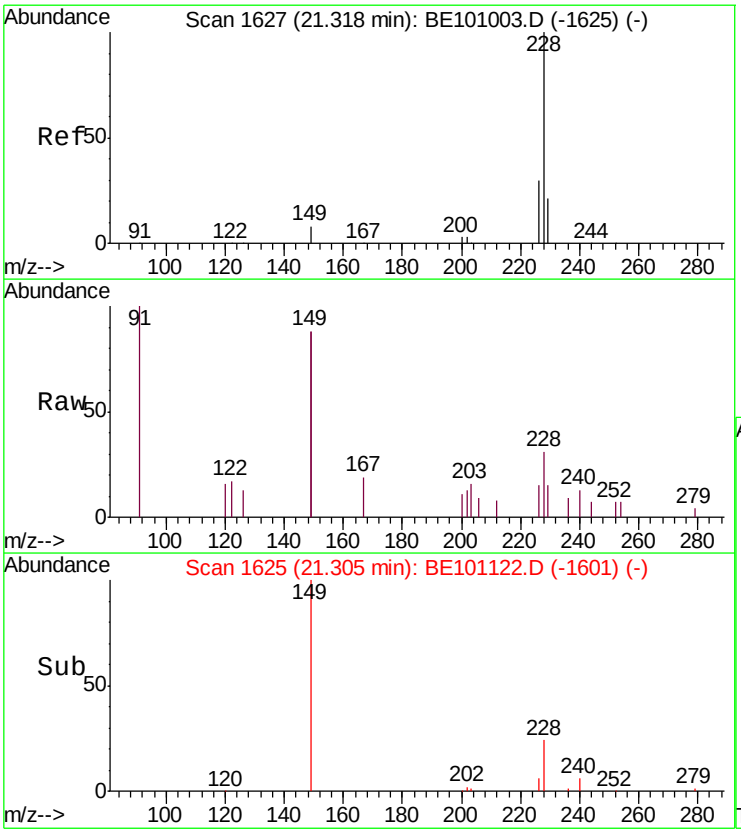
#30
Benzo(a)anthracene
Concen: 0.125 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:228 Resp: 6421

Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.7	34.1#
229	35.1	15.5	23.3#

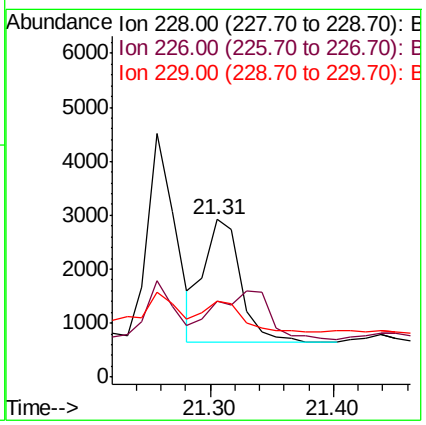


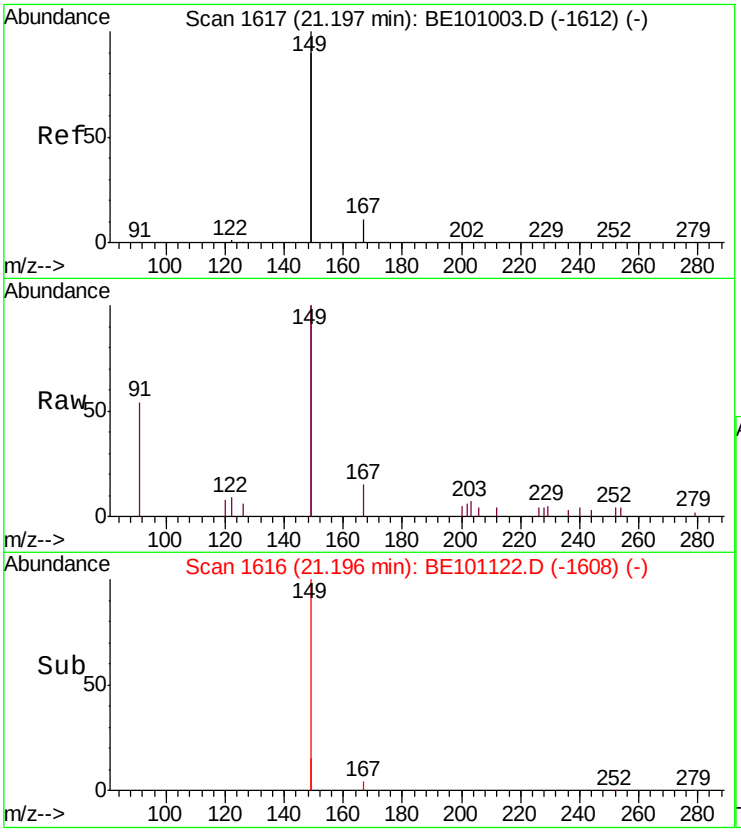


#31
Chrysene
Concen: 0.062 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:228 Resp: 4760

Ion	Ratio	Lower	Upper
228	100		
226	48.1	23.5	35.3#
229	48.5	16.7	25.1#



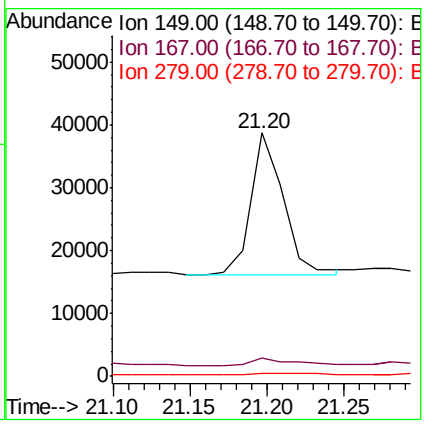


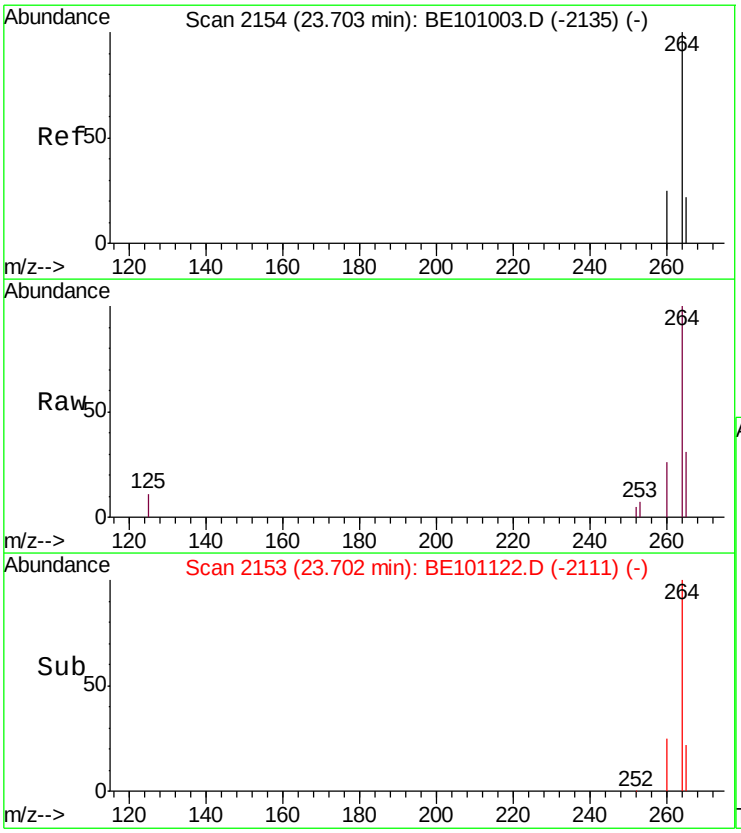
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:149 Resp: 33668

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.2	7.8
279	0.9	0.8	1.2

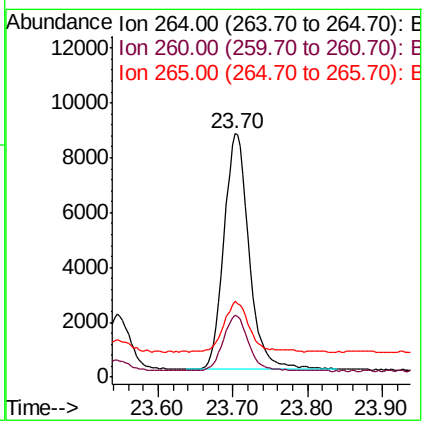


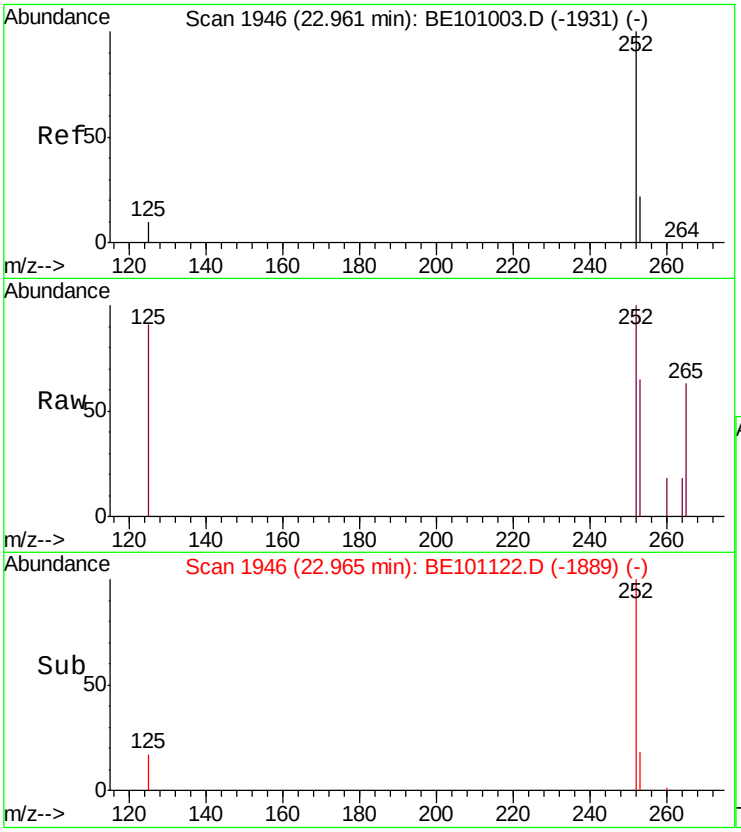


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:264 Resp: 20033

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.3	30.5
265	31.5	27.0	40.4



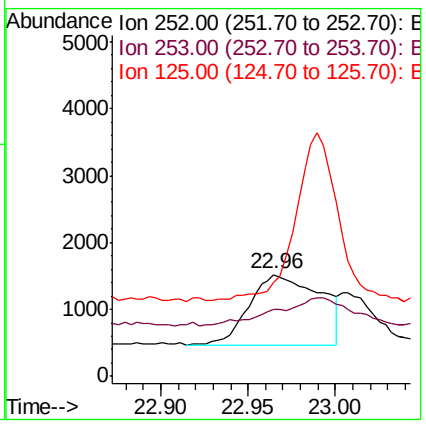


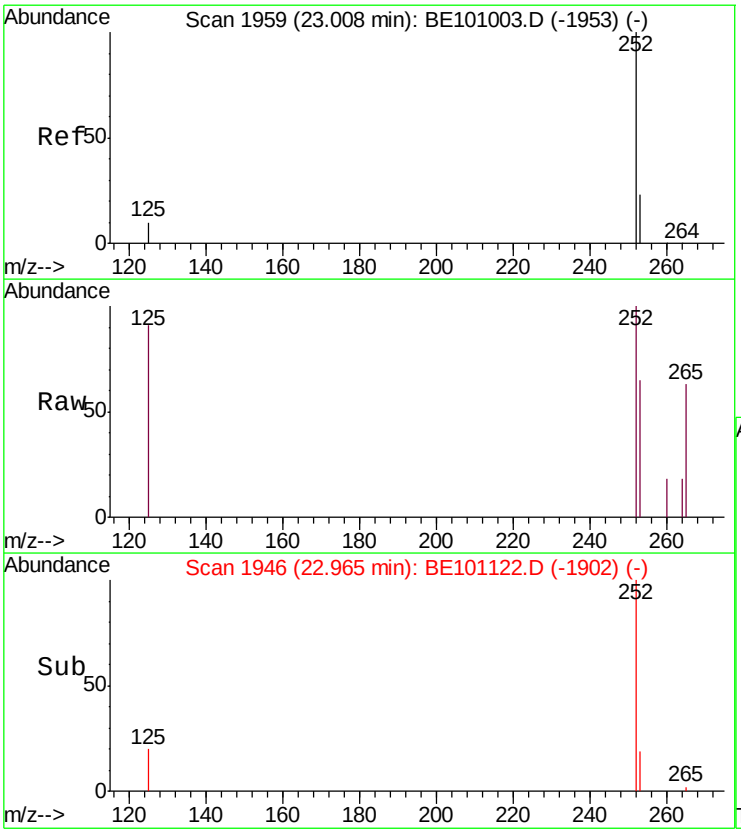
#35
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:252 Resp: 3008

Ion	Ratio	Lower	Upper
252	100		
253	65.2	18.5	27.7#
125	91.4	9.5	14.3#

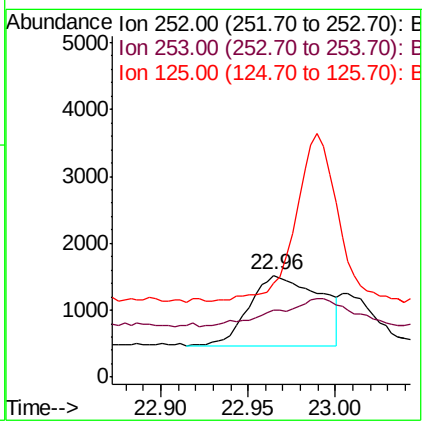


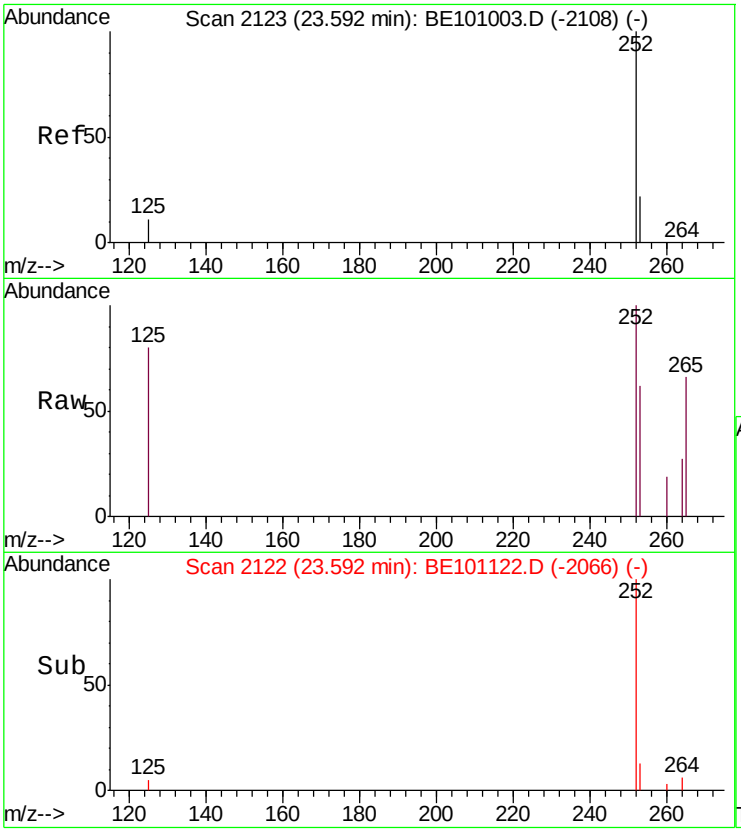


#36
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 22.96 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Tgt Ion:252 Resp: 3008

Ion	Ratio	Lower	Upper
252	100		
253	65.2	18.9	28.3#
125	91.4	10.1	15.1#





#37
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.59 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE101122.D
Acq: 22 Jan 2020 19:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:252 Resp: 2194

Ion	Ratio	Lower	Upper
252	100		
253	62.4	19.4	29.2#
125	80.4	11.8	17.6#