Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100153.D
Acq On : 22 Jun 2019 3:25
Operator : JU/SJ
Sample : K3428-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-013-SW162-061319

Quant Time: Jun 22 04:40:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	869	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	3328	0.40	ng		-0.01
13) Acenaphthene-d10	14.40	164	2720	0.40	ng		-0.01
19) Phenanthrene-d10	17.15	188	7637	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	10183	0.40	ng		0.00
34) Perylene-d12	23.84	264	11857	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	629	0.35	ng		-0.01
5) Phenol-d6	6.91	99	958	0.39	ng		-0.02
8) Nitrobenzene-d5	8.89	82	1039	0.32	ng		-0.03
11) 2-Methylnaphthalene-d10	12.14	152	147	0.02	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	542	0.36	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	2721	0.25	ng		-0.01
25) Fluoranthene-d10	19.19	212	1595	0.01	ng		0.00
29) Terphenyl-d14	19.79	244	4370	0.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	51	0.037	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	21	0.364	ng	#	100
6) bis(2-Chloroethyl)ether	7.17	93	6	0.036	ng	#	1
9) Naphthalene	10.58	128	6421	0.178	ng		100
12) 2-Methylnaphthalene	12.21	142	1118	0.188	ng		97
16) Acenaphthylene	14.13	152	6739	0.522	ng		99
17) Acenaphthene	14.47	154	1219	0.169	ng		93
18) Fluorene	15.45	166	4063	0.378	ng	#	92
22) Pentachlorophenol	16.81	266	95	0.301	ng		98
23) Phenanthrene	17.19	178	83918	4.586	ng		98
24) Anthracene	17.28	178	14434	0.935	ng		98
26) Fluoranthene	19.22	202	269849	9.187	ng		99
28) Pyrene	19.59	202	269913	10.313	ng	#	95
30) Benzo(a)anthracene	21.33	228	210467	6.948	ng		98
31) Chrysene	21.38	228	214764	6.101	ng		97
32) Bis(2-ethylhexyl)phthalate	21.25	149	149181	5.219	ng		99
33) Indeno(1,2,3-cd)pyrene	26.48	276	163167	4.120	ng	#	98
35) Benzo(b)fluoranthene	23.07	252	319903	9.194	ng	#	97
36) Benzo(k)fluoranthene	23.26	252	45094	1.139	ng		93
37) Benzo(a)pyrene	23.72	252	222756	6.632	ng	#	95
38) Dibenzo(a,h)anthracene	26.49	278	40247	1.169	ng		95
39) Benzo(g,h,i)perylene	27.30	276	166806	4.663	ng	#	95

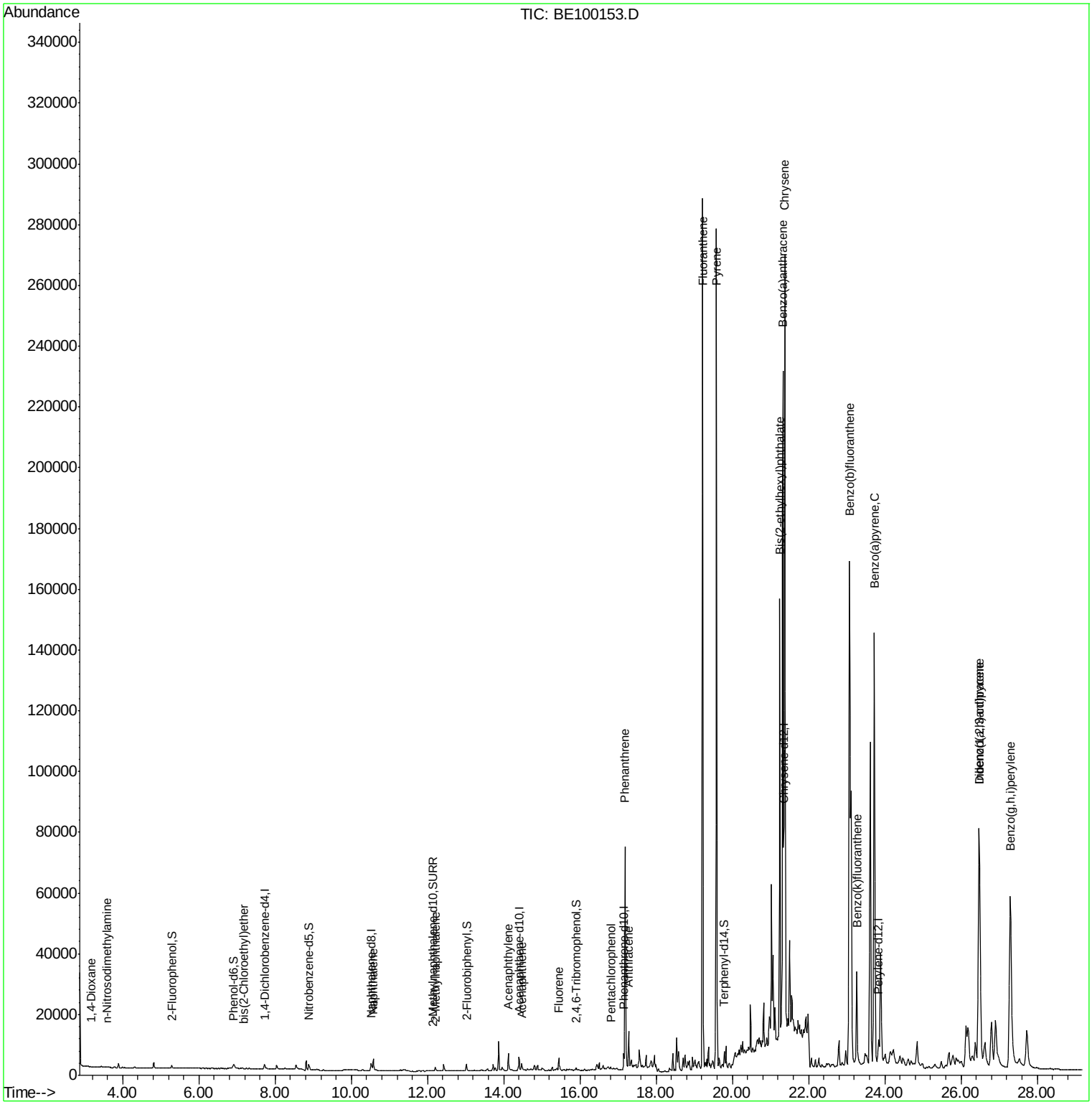
(#) = qualifier out of range (m) = manual integration (+) = signals summed

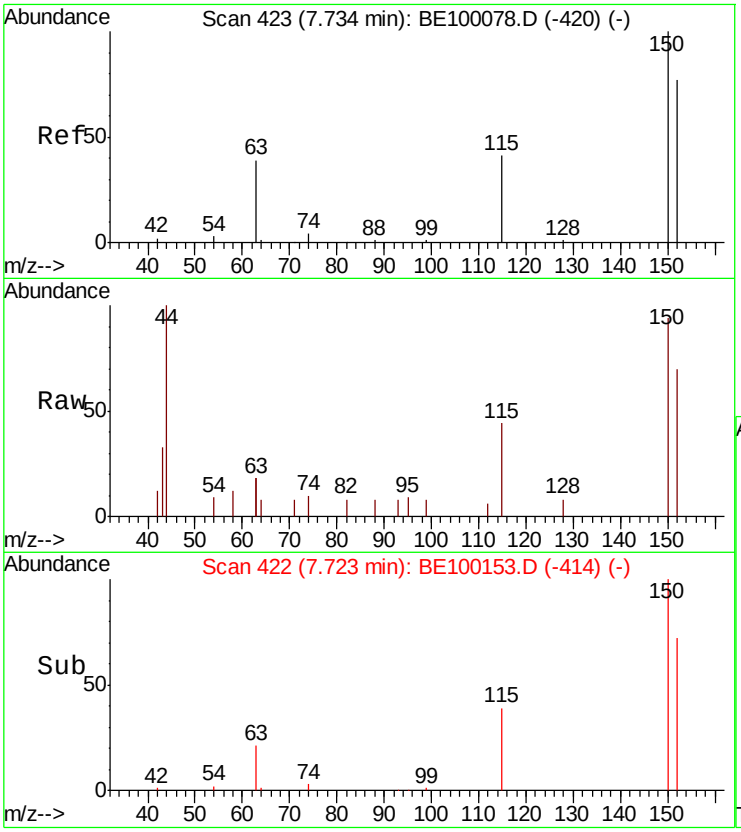
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100153.D
Acq On : 22 Jun 2019 3:25
Operator : JU/SJ
Sample : K3428-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Quant Time: Jun 22 04:40:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



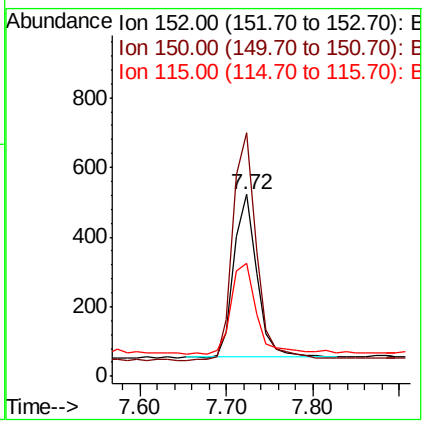


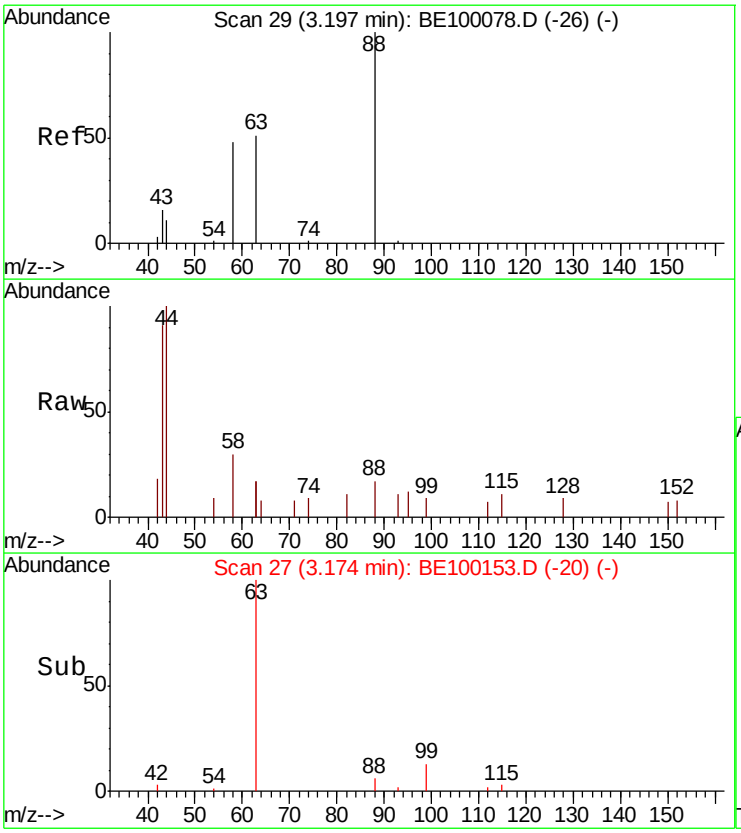
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
150	133.7	99.8	149.8
115	62.3	51.3	76.9

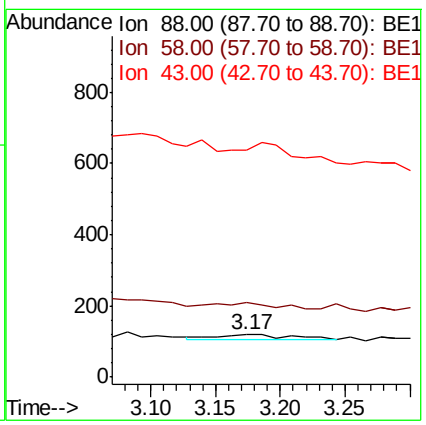


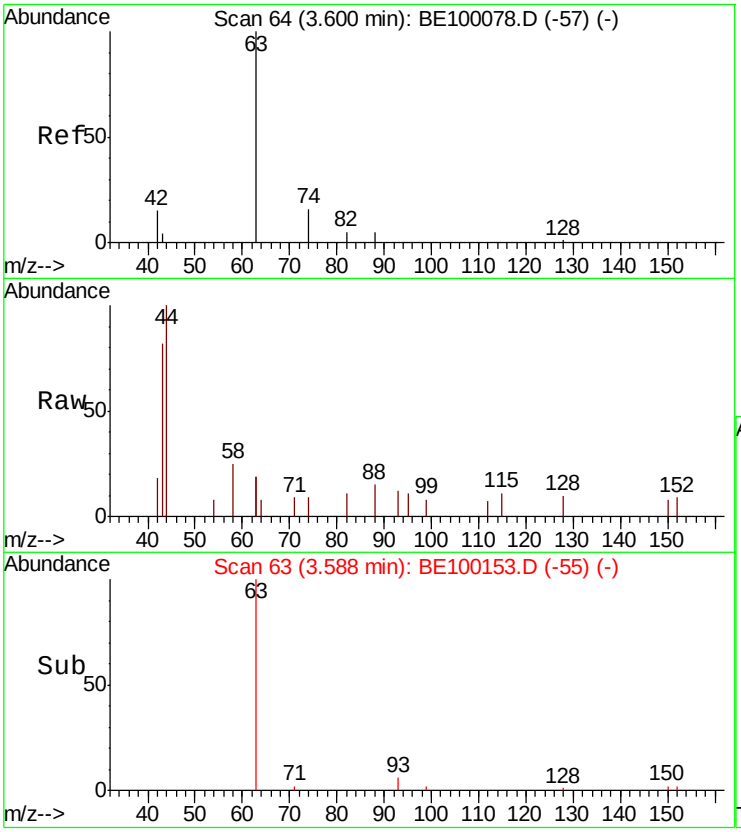


#2
1,4-Dioxane
Concen: 0.037 ng
RT: 3.17 min Scan# 27
Delta R.T. -0.02 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.1	76.7#
43	276.5	21.7	32.5#



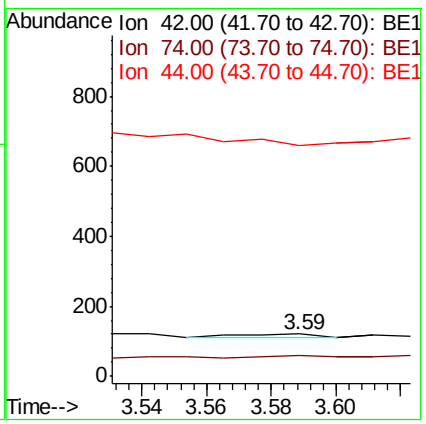


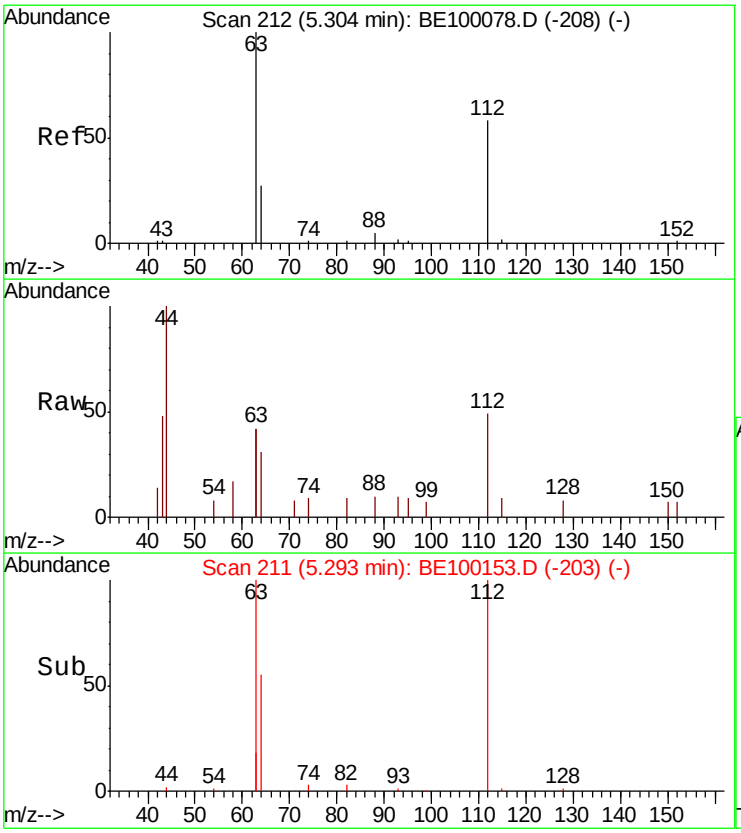
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	38.1	0.0	0.0#
44	0.0	0.0	0.0

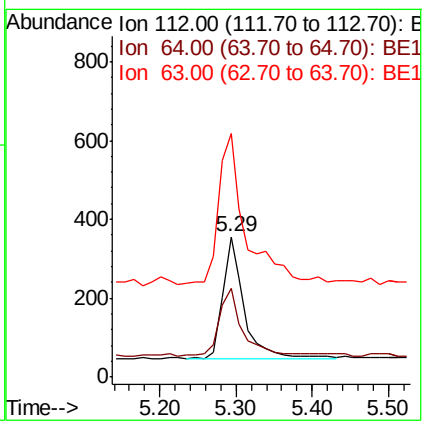


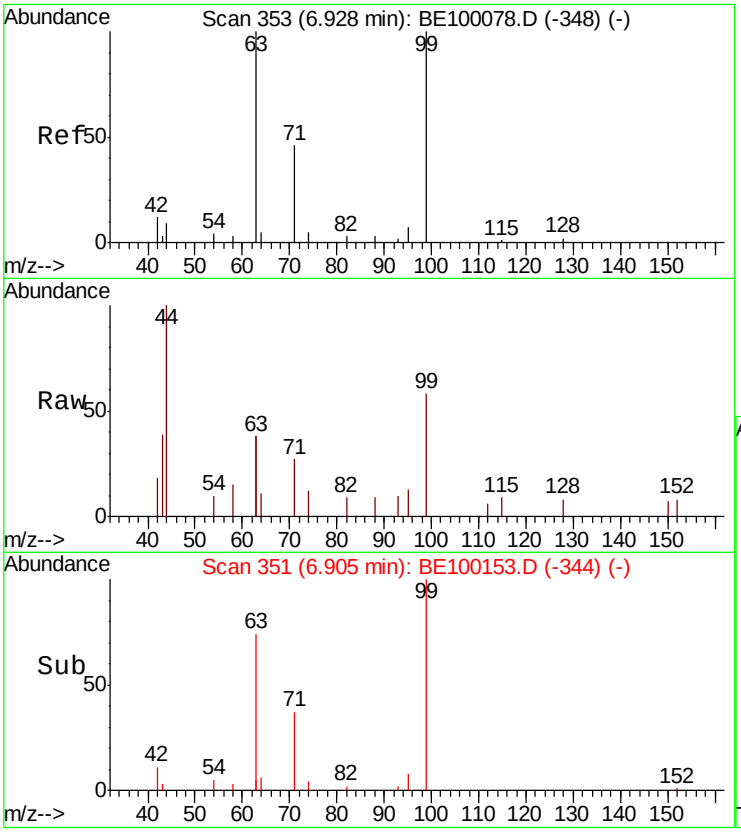


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:112 Resp: 629

Ion	Ratio	Lower	Upper
112	100		
64	55.6	22.0	33.0#
63	156.0	121.8	182.6



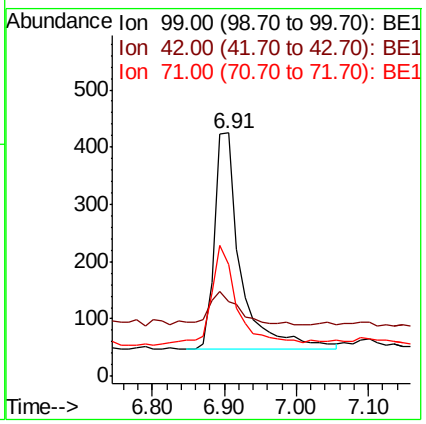


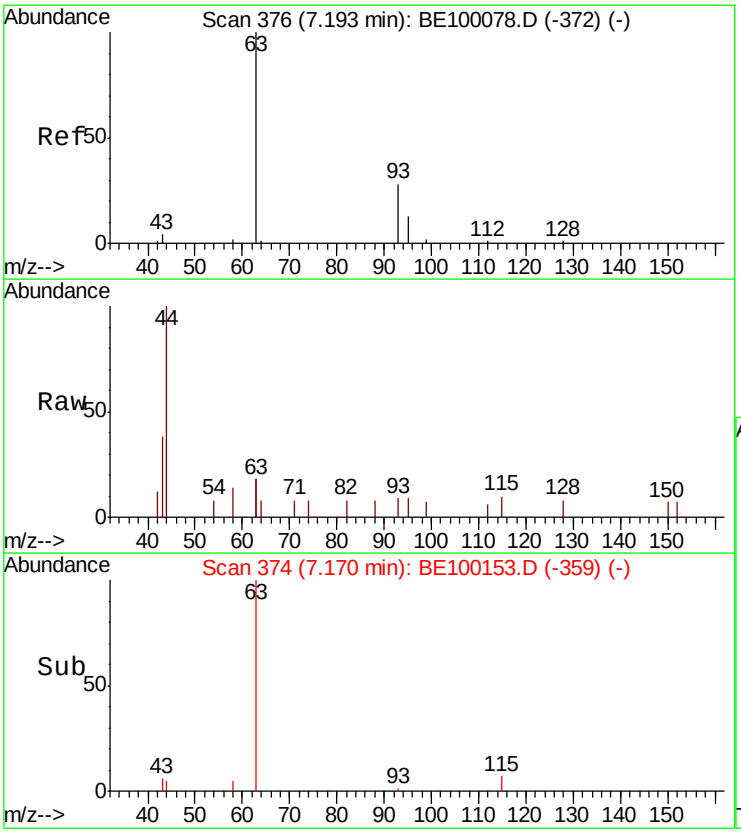
#5
Phenol-d6
Concen: 0.387 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion: 99 Resp: 958

Ion	Ratio	Lower	Upper
99	100		
42	14.9	0.0	0.0#
71	41.1	37.6	56.4

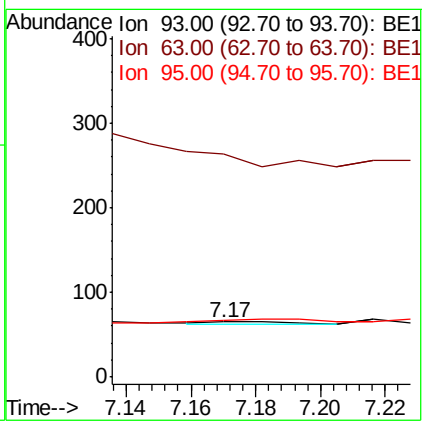


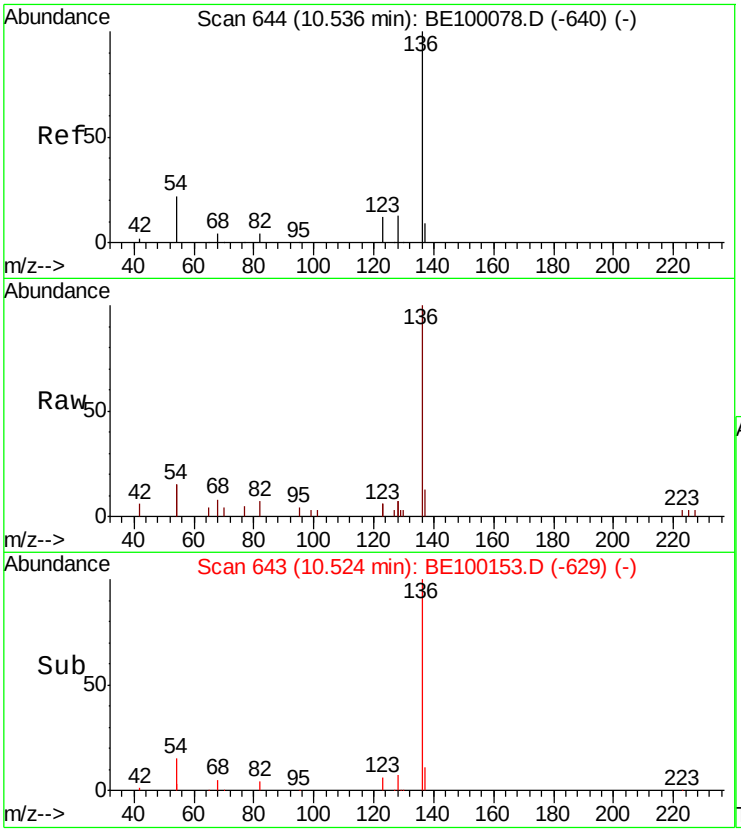


#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion: 93 Resp: 6

Ion	Ratio	Lower	Upper
93	100		
63	0.0	200.0	300.0#
95	583.3	24.0	36.0#



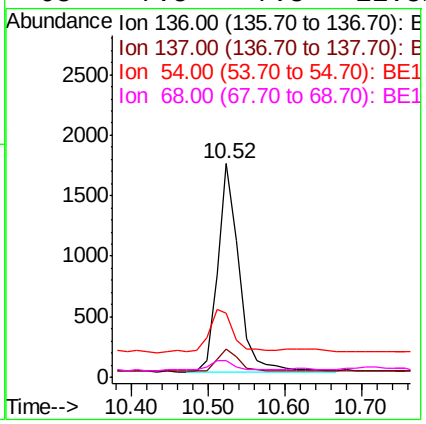


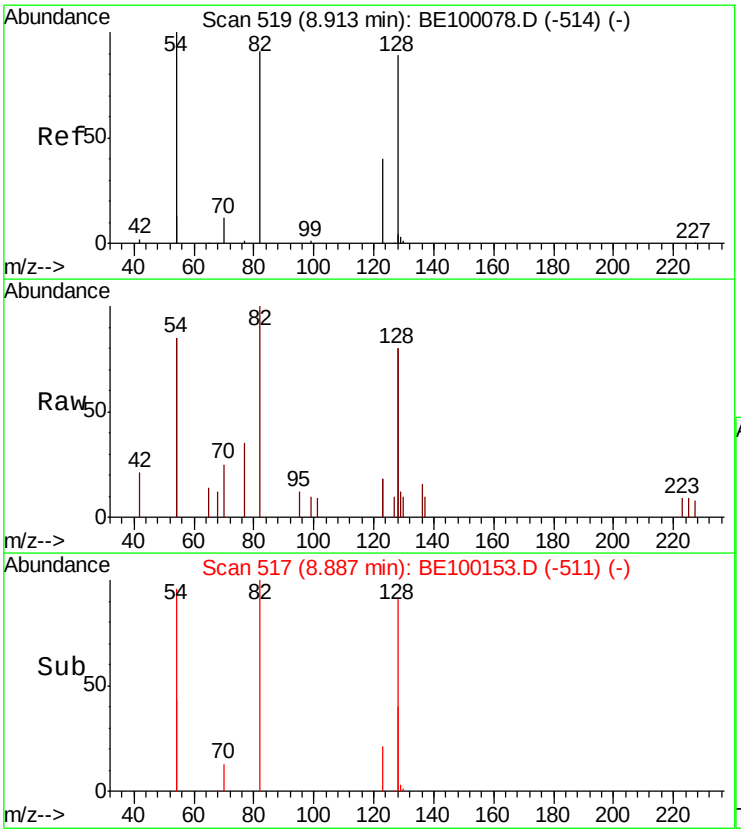
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:136 Resp: 3328

Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.6	17.4
54	29.8	33.9	50.9#
68	7.5	7.8	11.8#

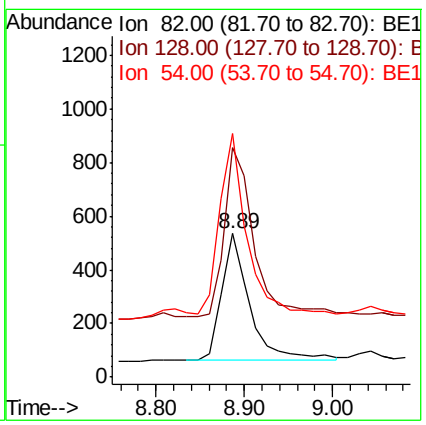


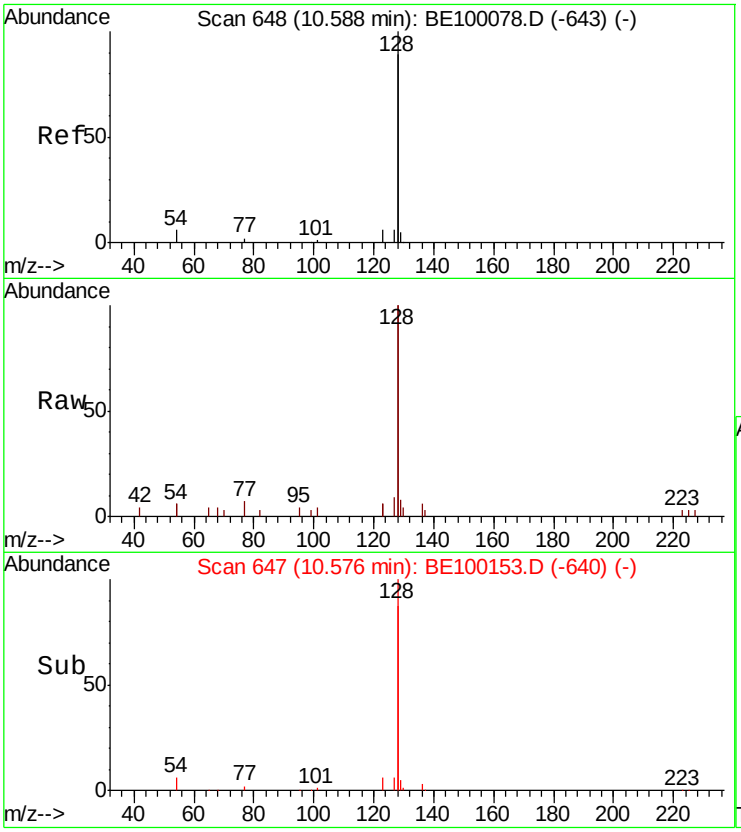


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.89 min Scan# 517
Delta R.T. -0.03 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion: 82 Resp: 1039

Ion	Ratio	Lower	Upper
82	100		
128	160.3	128.0	192.0
54	170.0	143.4	215.0



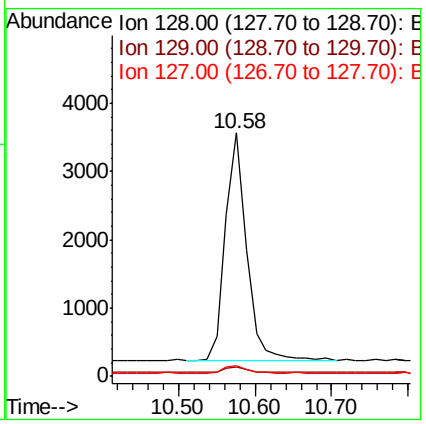


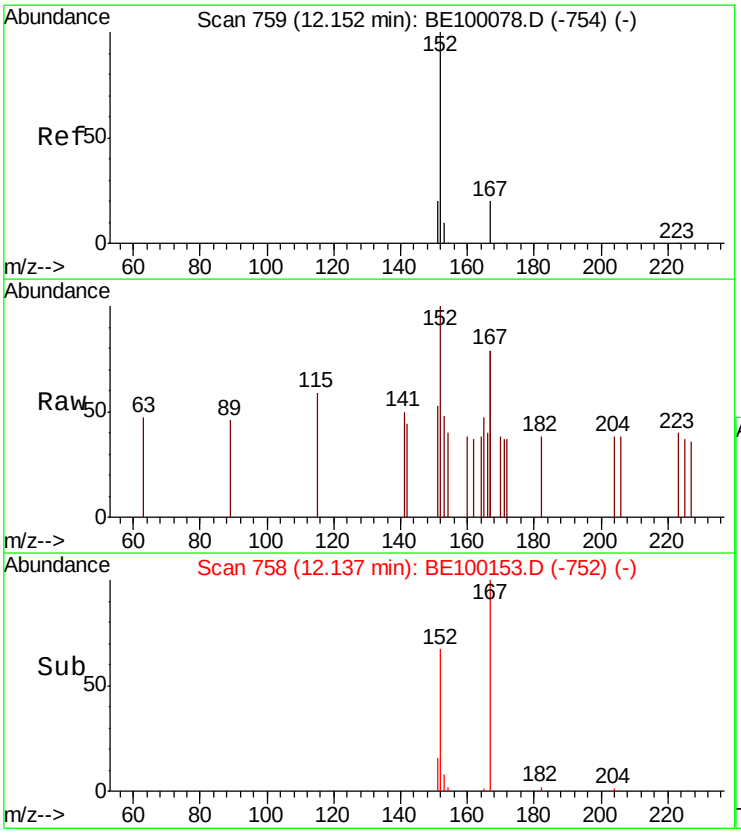
#9
Naphthalene
Concen: 0.178 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:128 Resp: 6421

Ion	Ratio	Lower	Upper
128	100		
129	4.1	3.1	4.7
127	4.3	3.4	5.2

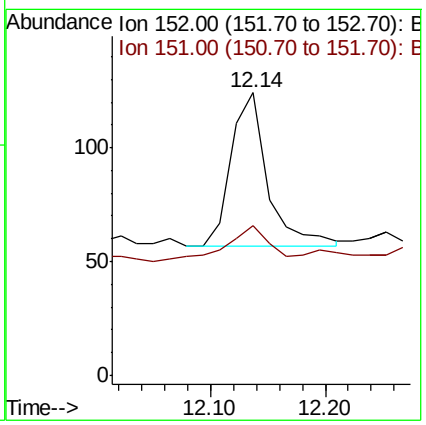


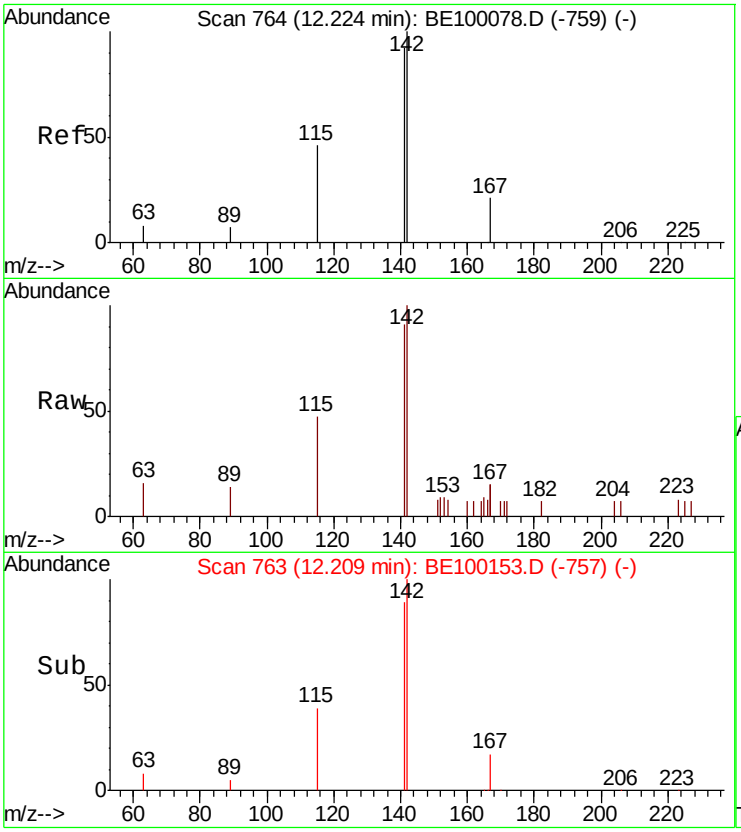


#11
2-Methylnaphthalene-d10
Concen: 0.023 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:152 Resp: 147

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.3	24.5



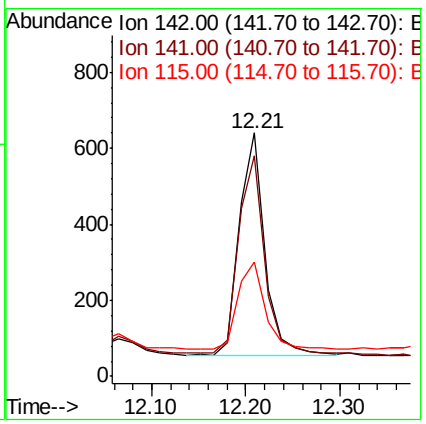


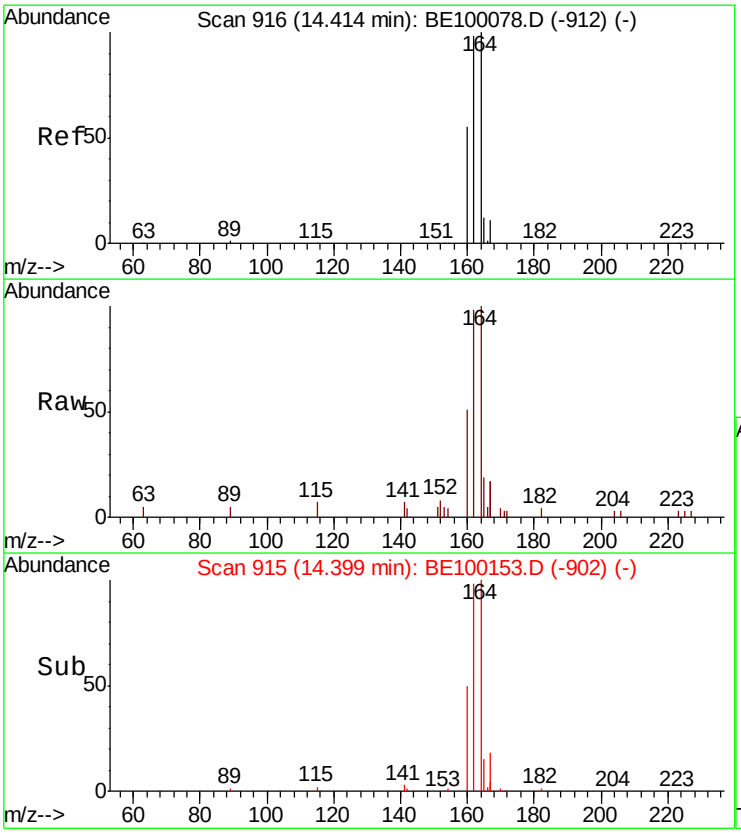
#12
2-Methylnaphthalene
Concen: 0.188 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:142 Resp: 1118

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.1	111.1
115	47.0	40.9	61.3

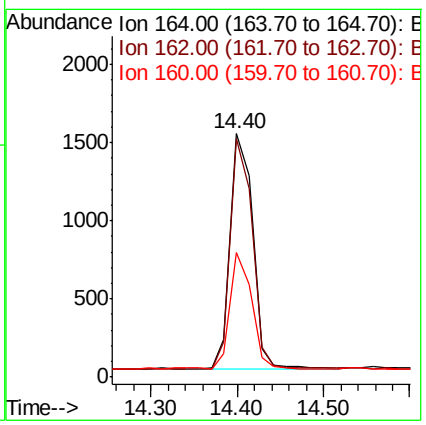


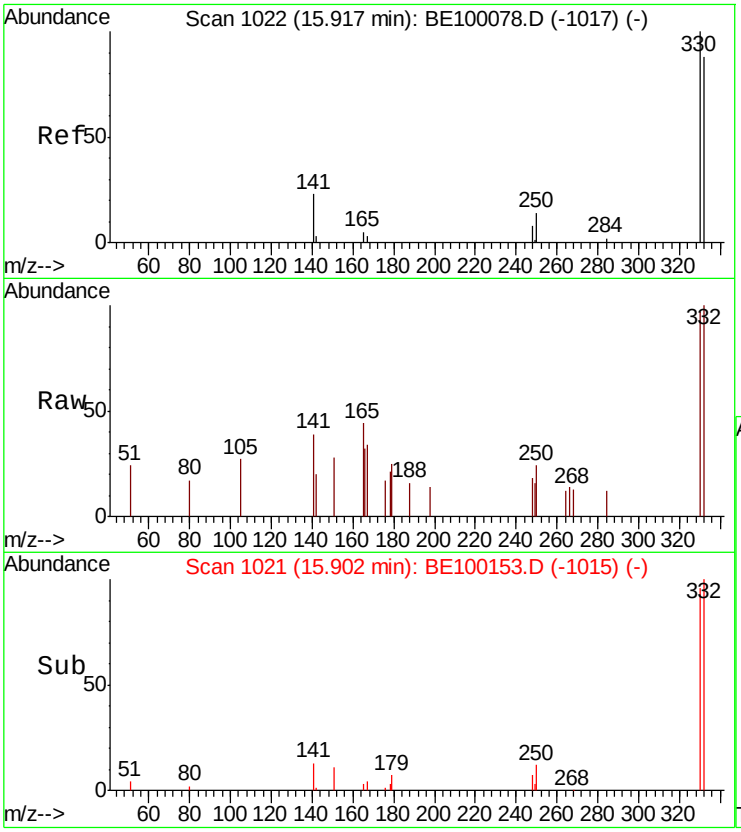


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:164 Resp: 2720

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.2	117.2
160	51.4	45.6	68.4



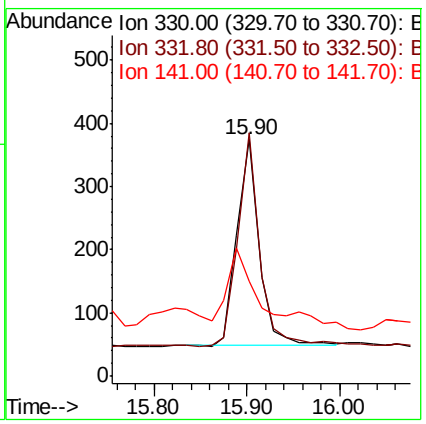


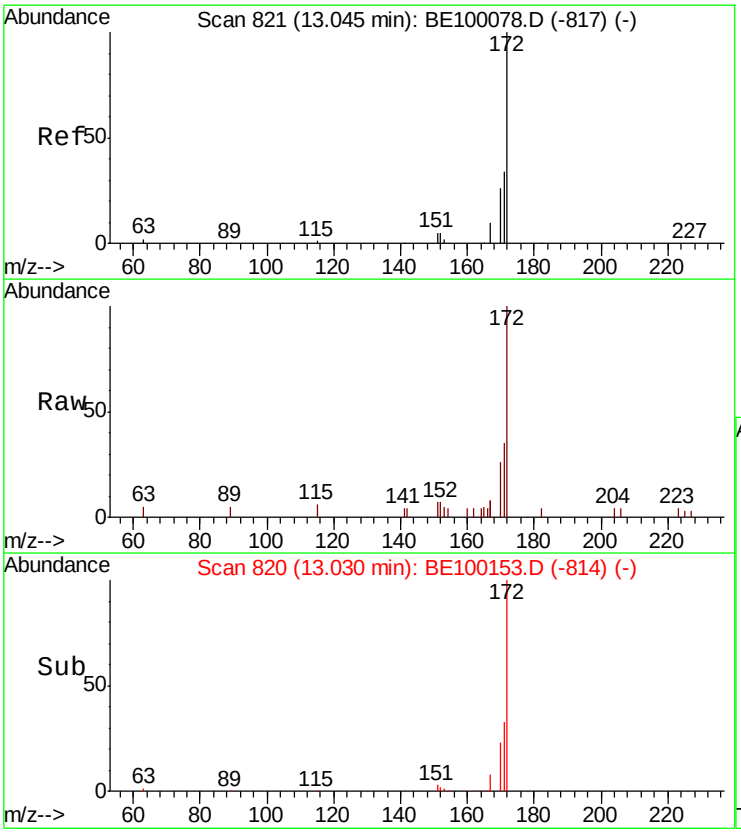
#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:330 Resp: 542

Ion	Ratio	Lower	Upper
330	100		
332	103.5	73.3	109.9
141	59.4	22.2	33.2#

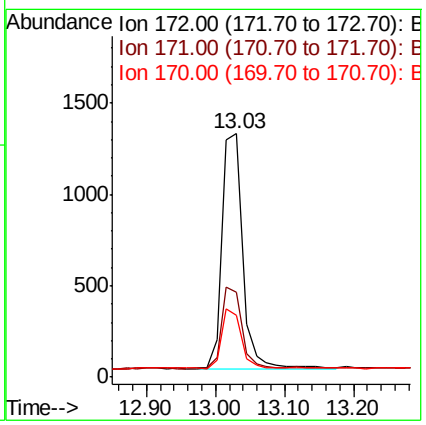


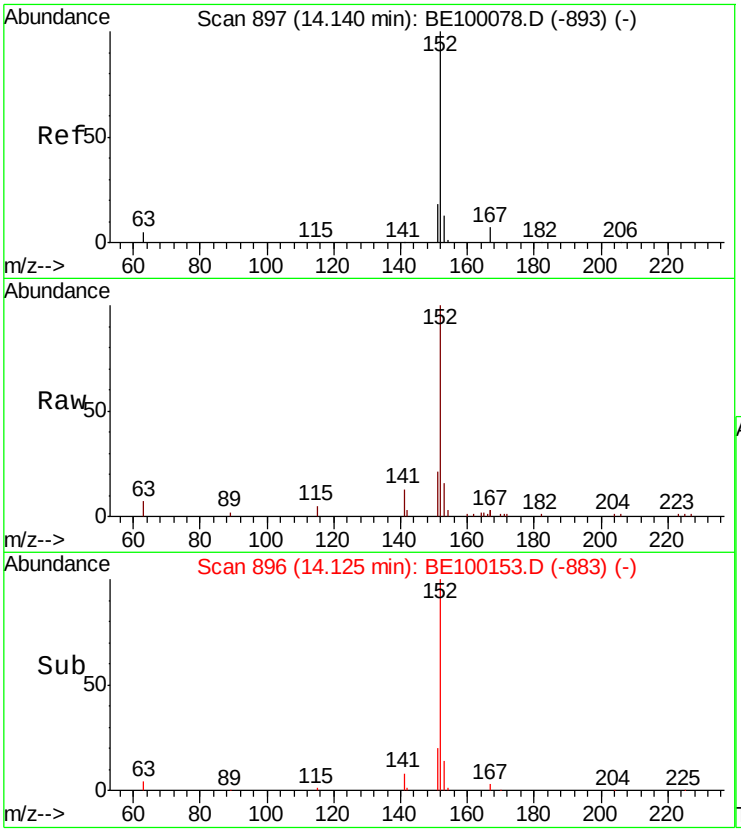


#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:172 Resp: 2721

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.8
170	25.6	23.2	34.8



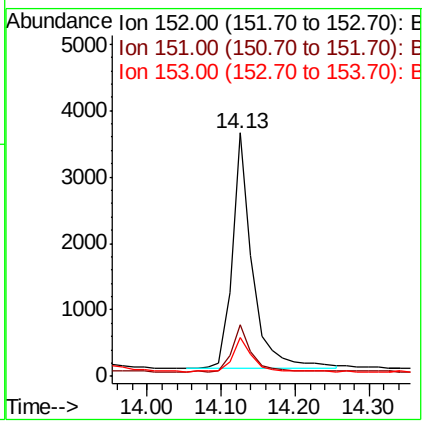


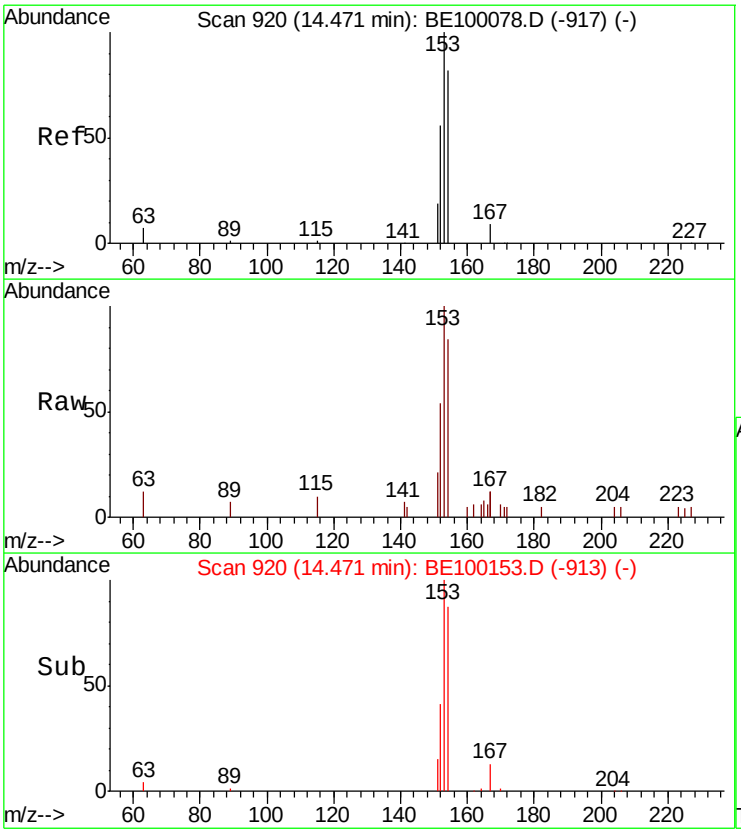
#16
Acenaphthylene
Concen: 0.522 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:152 Resp: 6739

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	14.0	10.1	15.1

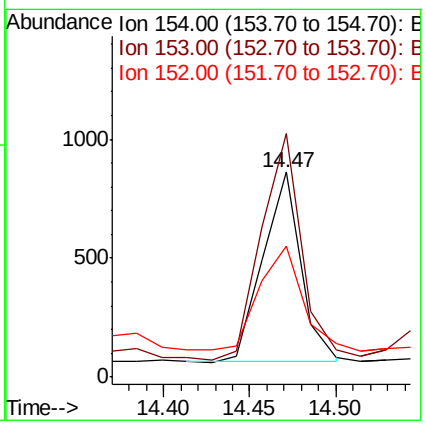


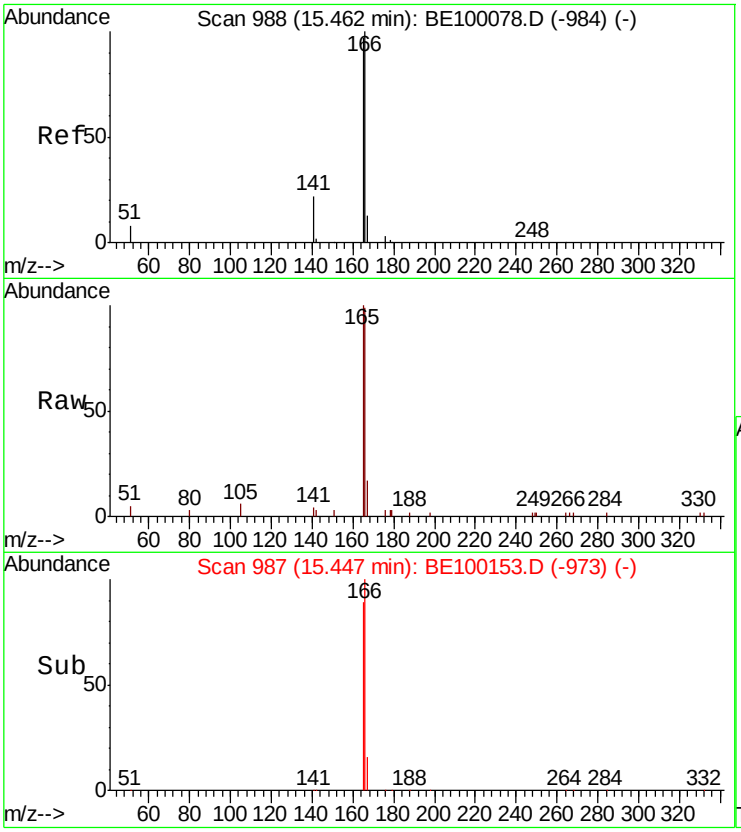


#17
Acenaphthene
Concen: 0.169 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:154 Resp: 1219

Ion	Ratio	Lower	Upper
154	100		
153	126.4	95.5	143.3
152	62.9	54.9	82.3



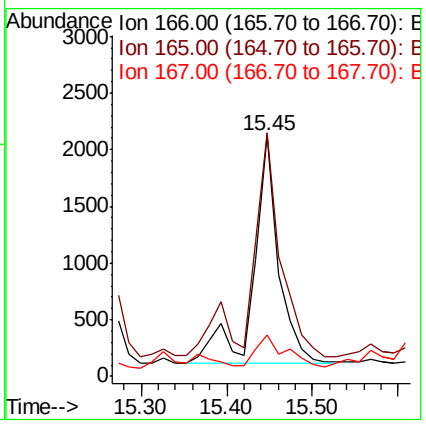


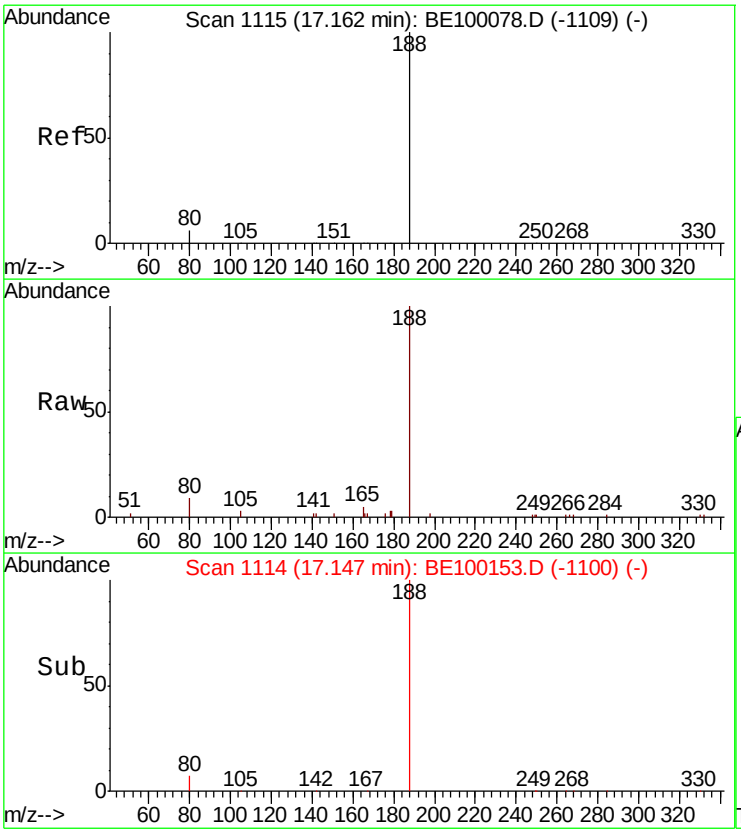
#18
Fluorene
Concen: 0.378 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:166 Resp: 4063

Ion	Ratio	Lower	Upper
166	100		
165	92.1	79.8	119.8
167	16.4	10.2	15.4#

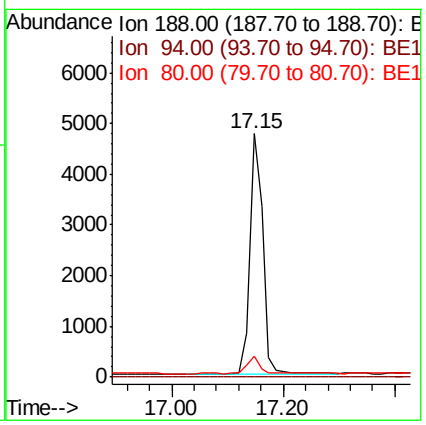


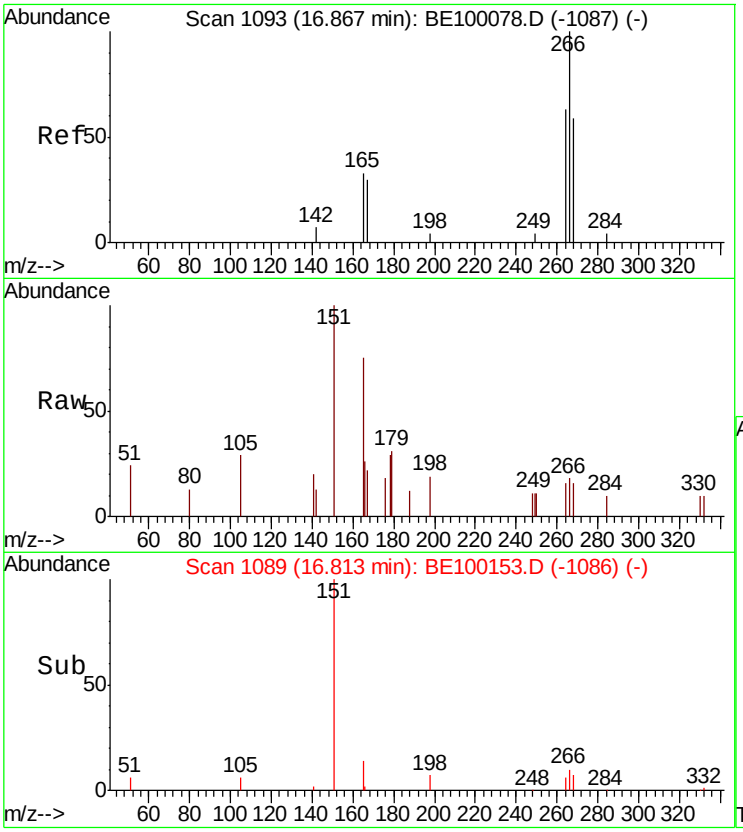


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:188 Resp: 7637

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.3	9.5



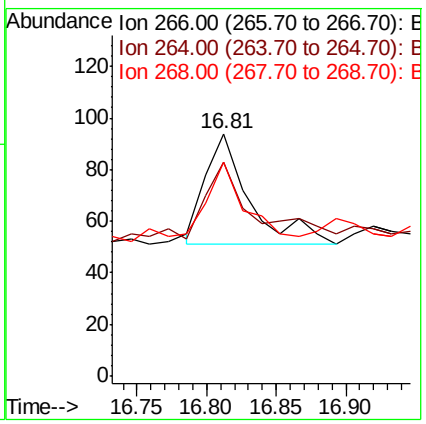


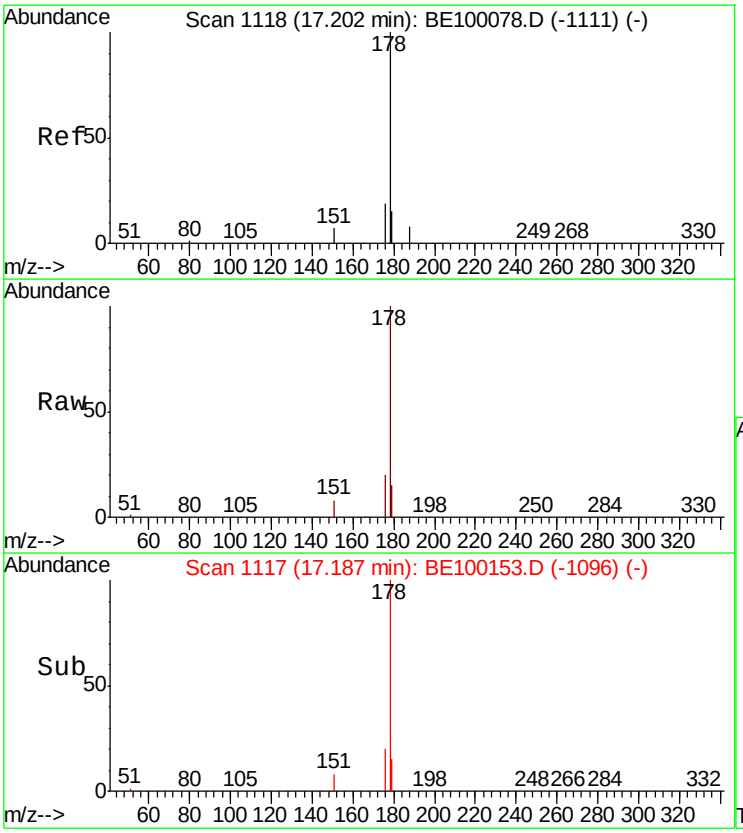
#22
Pentachlorophenol
Concen: 0.301 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:266 Resp: 95

Ion	Ratio	Lower	Upper
266	100		
264	88.3	67.8	101.6
268	88.3	70.0	105.0

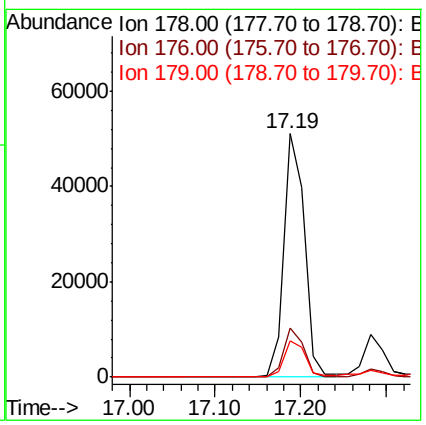


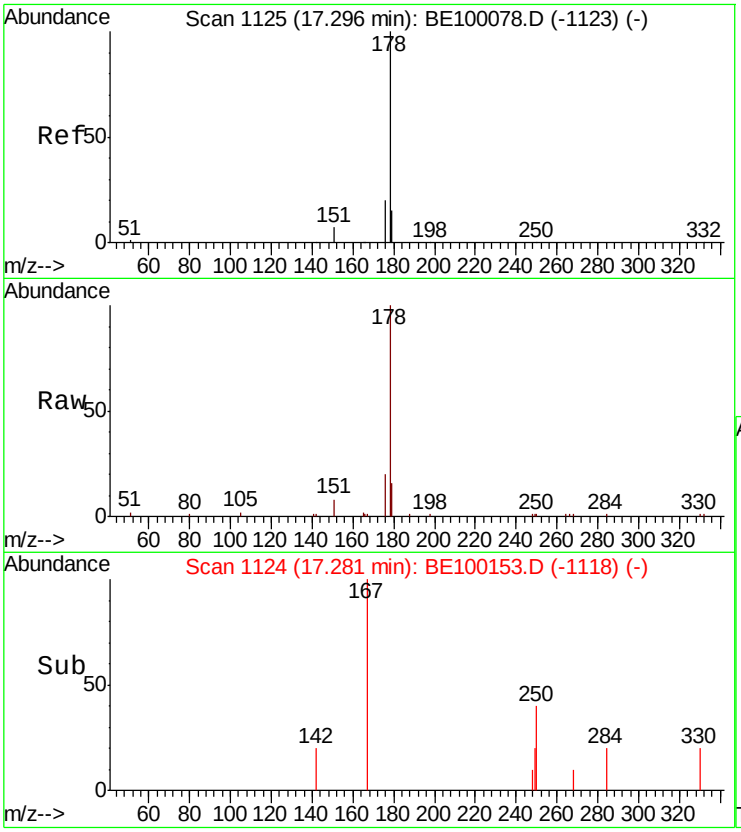


#23
Phenanthrene
Concen: 4.586 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:178 Resp: 83918

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.3	13.1	19.7



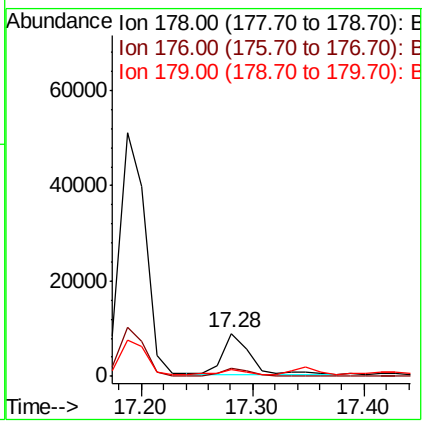


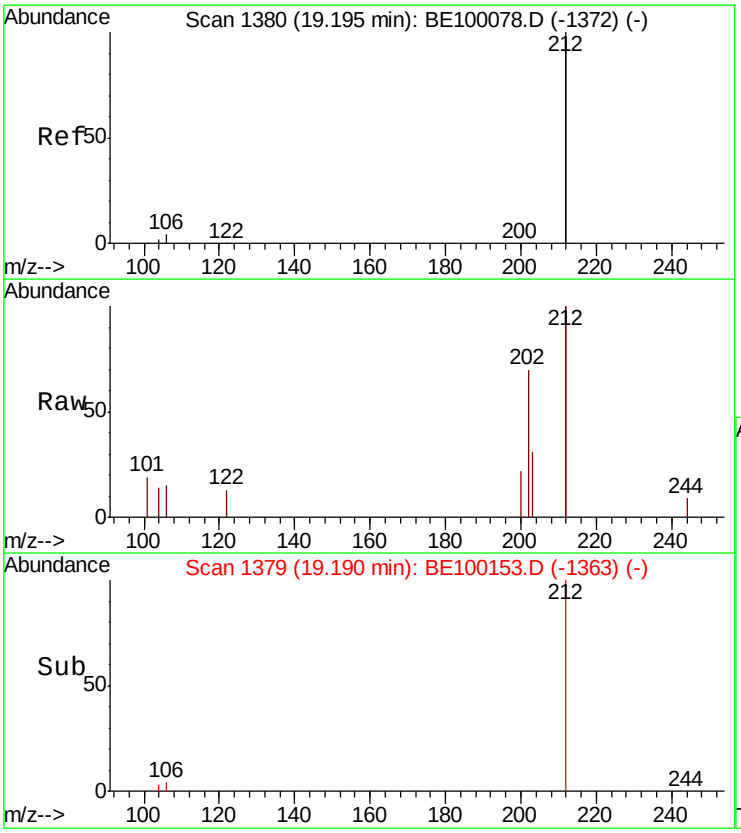
#24
Anthracene
Concen: 0.935 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:178 Resp: 14434

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	13.9	12.0	18.0

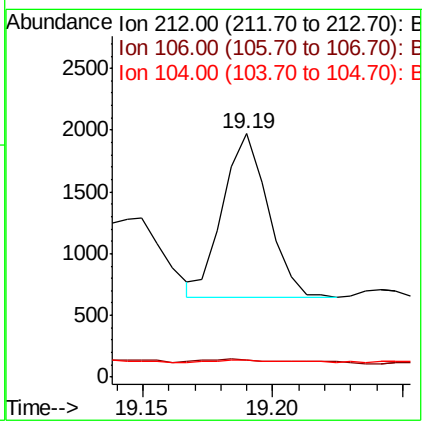


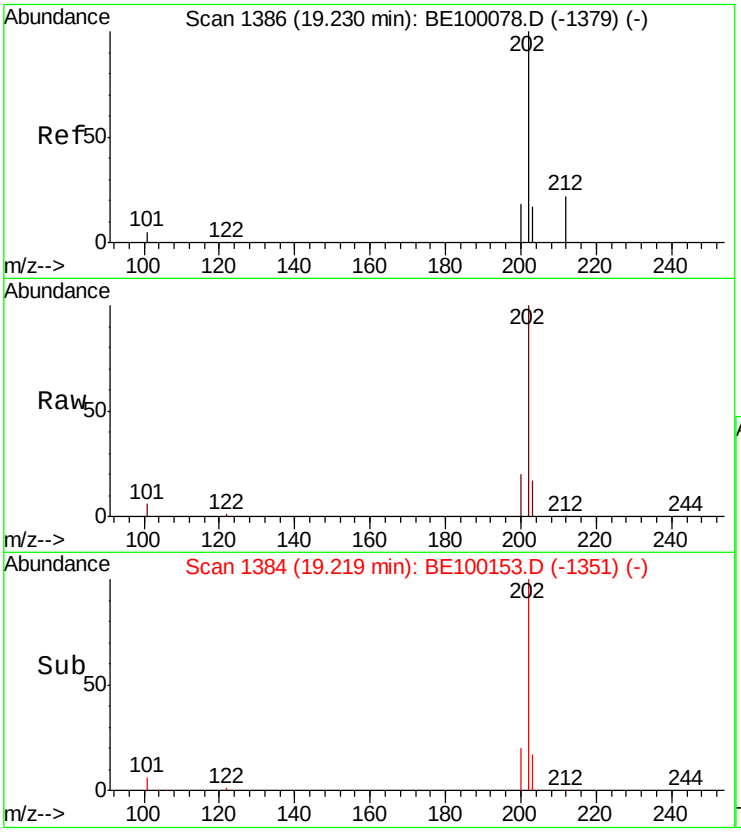


#25
Fluoranthene-d10
Concen: 0.015 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:212 Resp: 1595

Ion	Ratio	Lower	Upper
212	100		
106	3.4	1.4	2.0#
104	2.1	0.8	1.2#



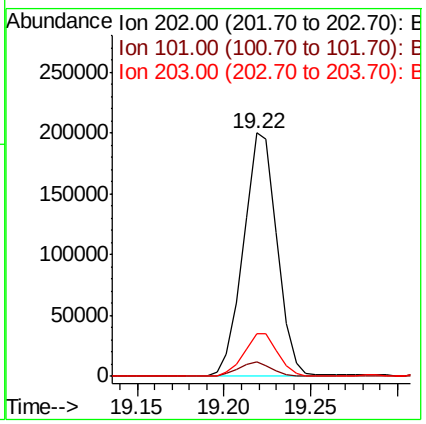


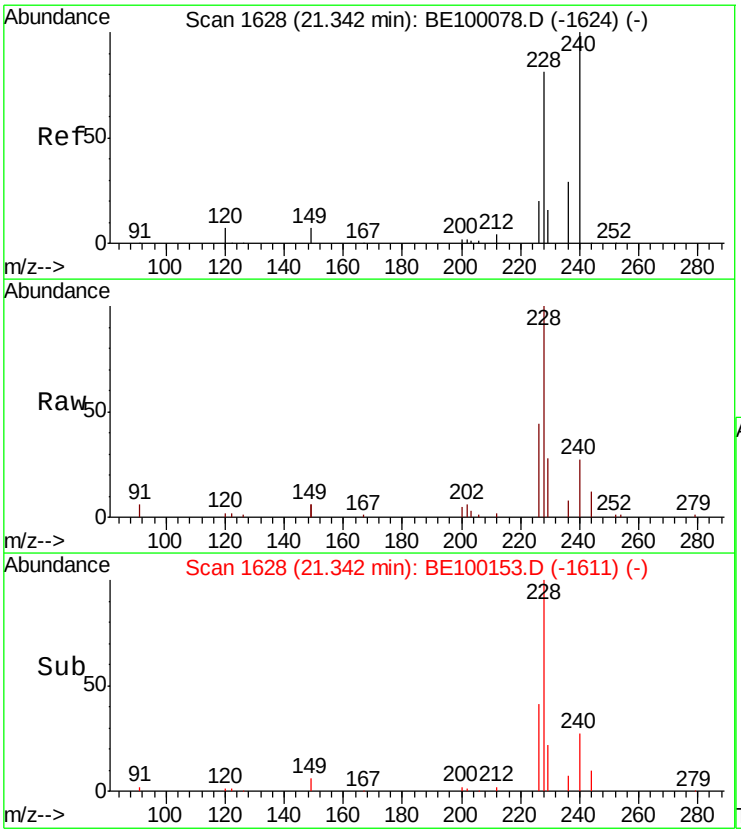
#26
Fluoranthene
Concen: 9.187 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:202 Resp: 269849

Ion	Ratio	Lower	Upper
202	100		
101	5.7	5.0	7.4
203	17.6	13.7	20.5

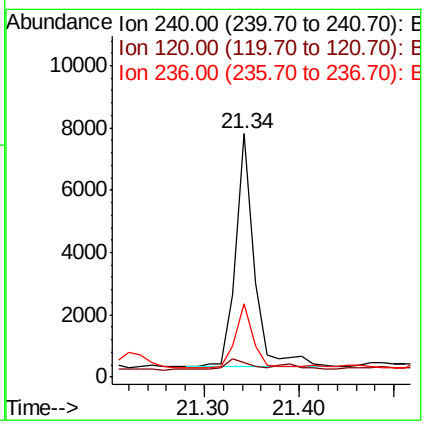


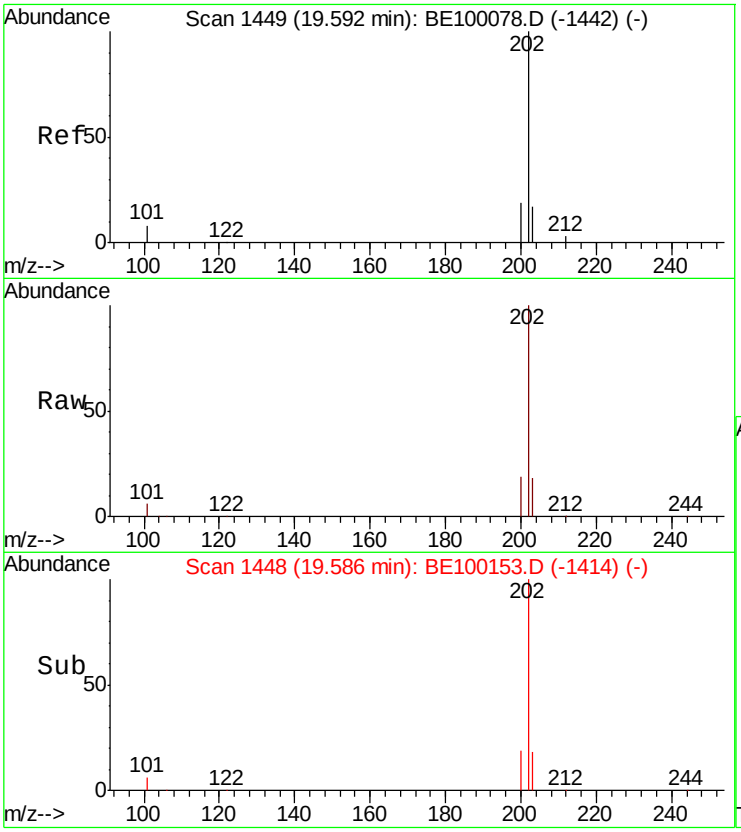


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:240 Resp: 10183

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.6	10.0#
236	30.1	23.8	35.6



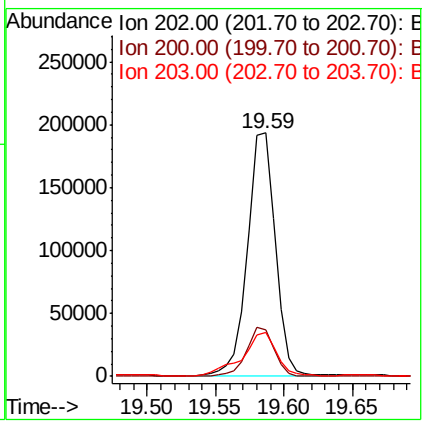


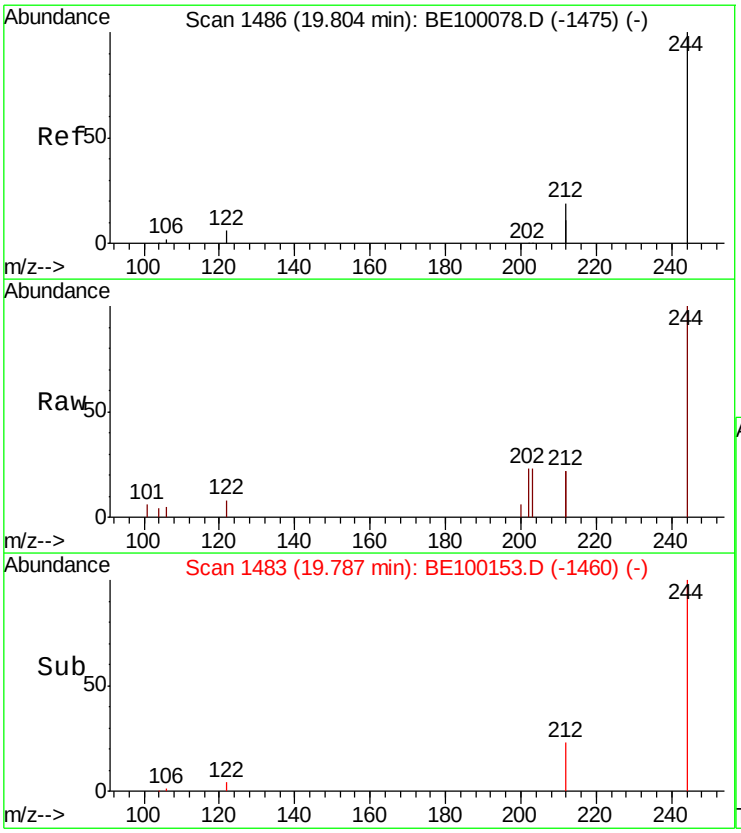
#28
Pyrene
Concen: 10.313 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:202 Resp: 269913

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	21.8	13.9	20.9#

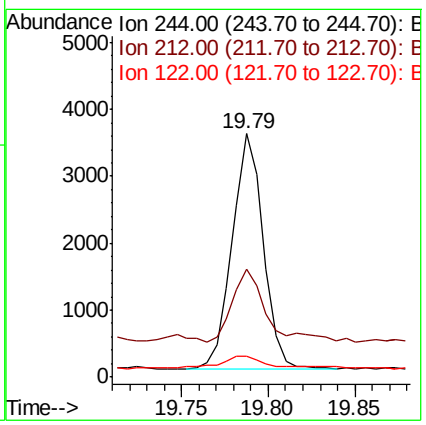


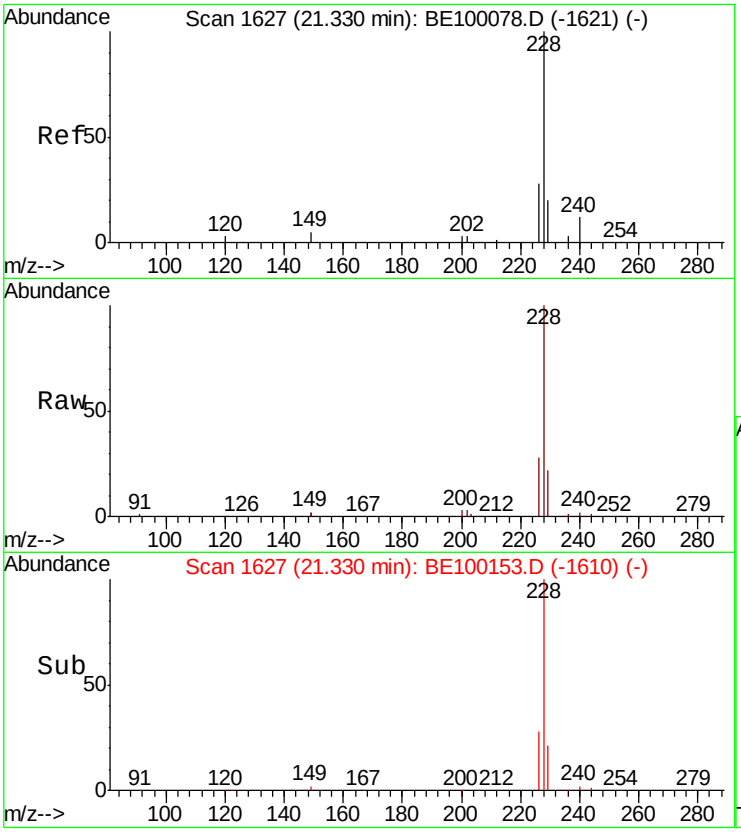


#29
Terphenyl-d14
Concen: 0.215 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:244 Resp: 4370

Ion	Ratio	Lower	Upper
244	100		
212	44.2	29.8	44.8
122	8.4	6.1	9.1



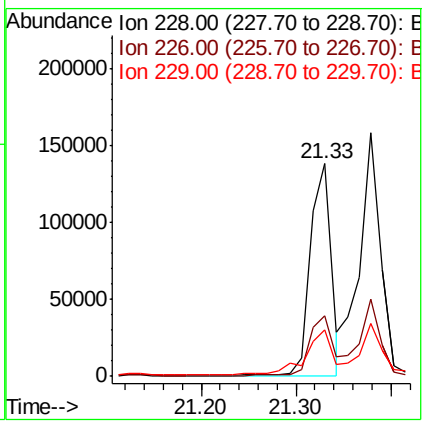


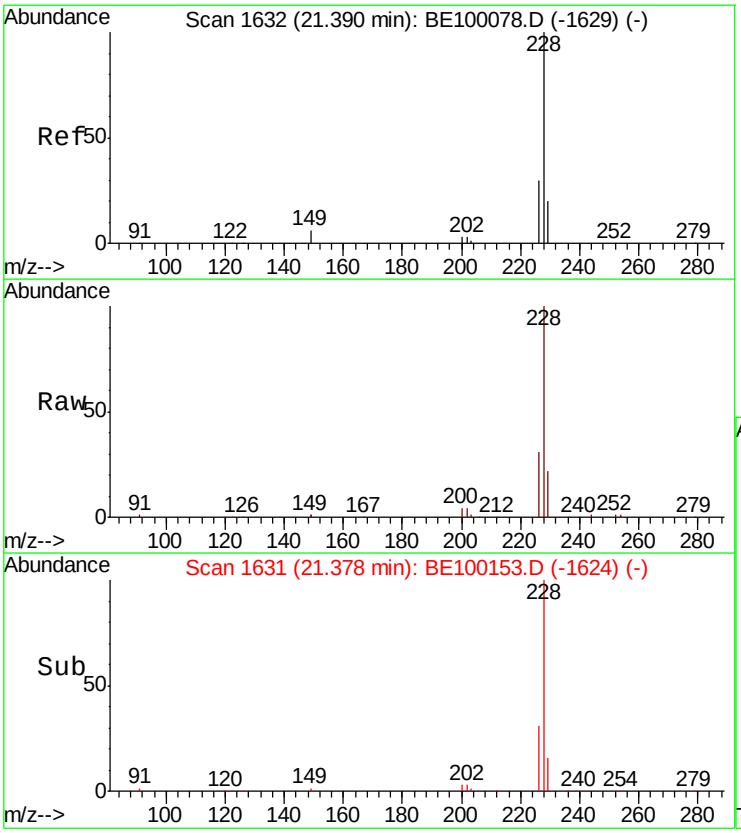
#30
Benzo(a)anthracene
Concen: 6.948 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:228 Resp: 210467

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	22.0	16.4	24.6

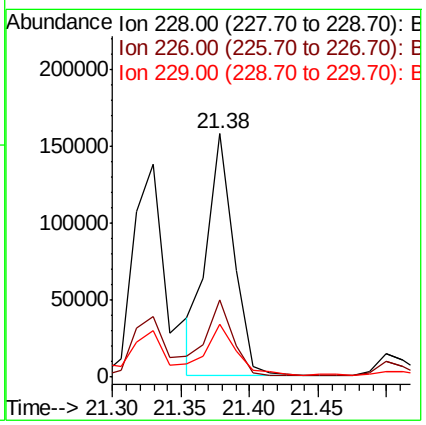


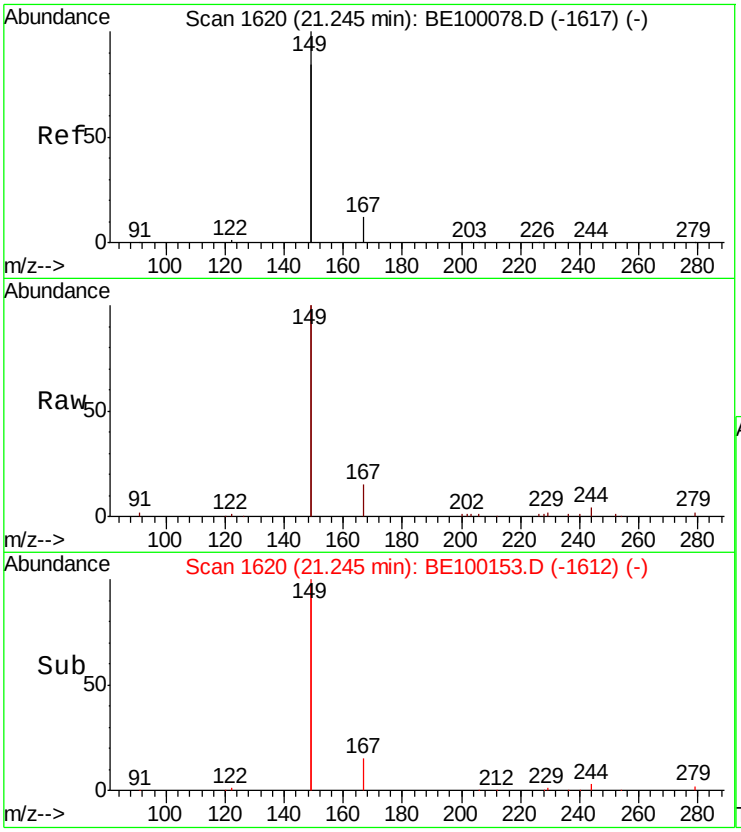


#31
Chrysene
Concen: 6.101 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:228 Resp: 214764

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.8	35.8
229	21.5	16.3	24.5



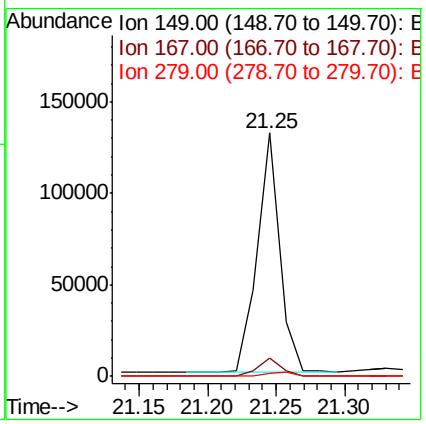


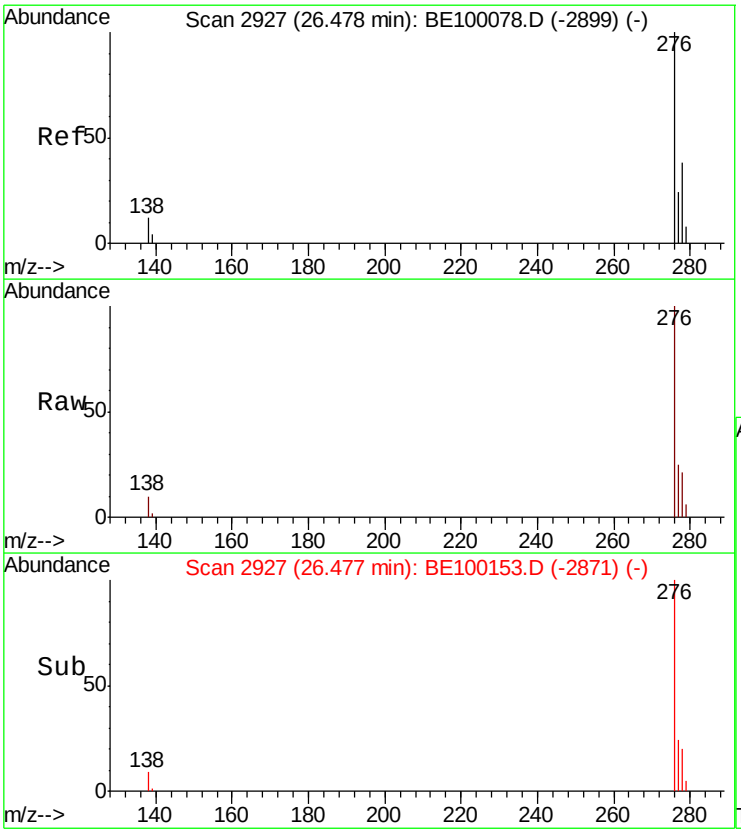
#32
Bis(2-ethylhexyl)phthalate
Concen: 5.219 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:149 Resp: 149181

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.6	1.1	1.7

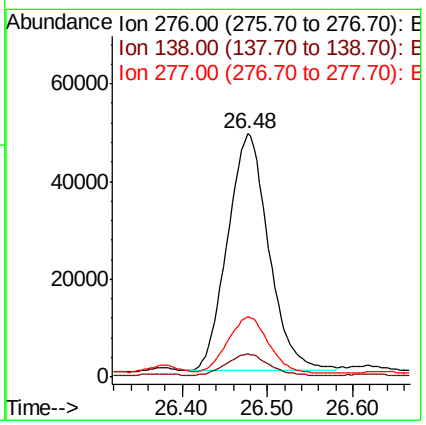


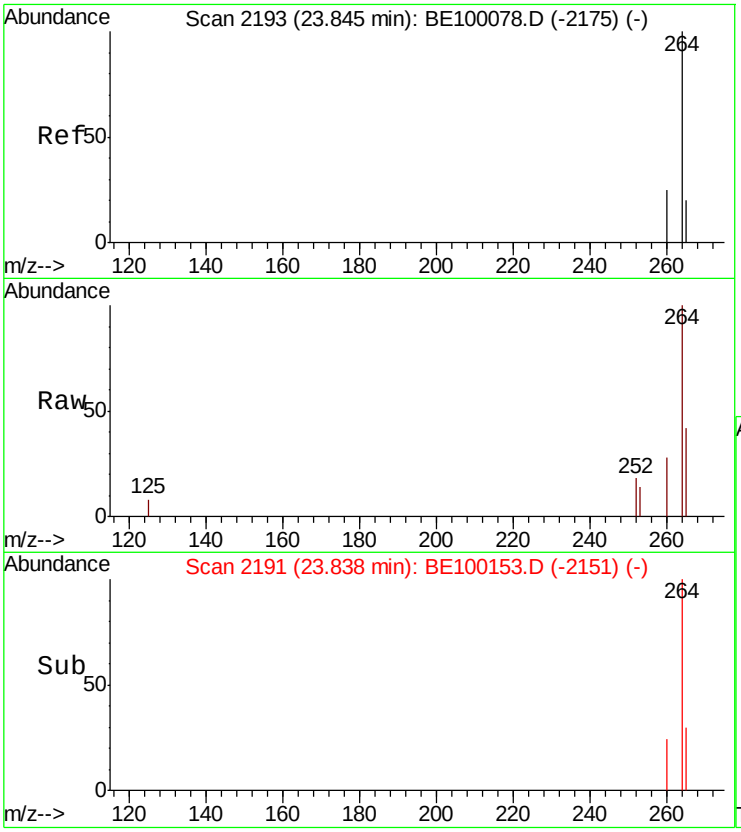


#33
Indeno(1,2,3-cd)pyrene
Concen: 4.120 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:276 Resp: 163167

Ion	Ratio	Lower	Upper
276	100		
138	9.1	4.3	6.5#
277	24.0	19.4	29.0



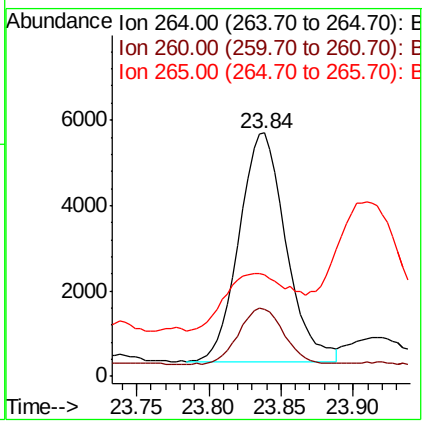


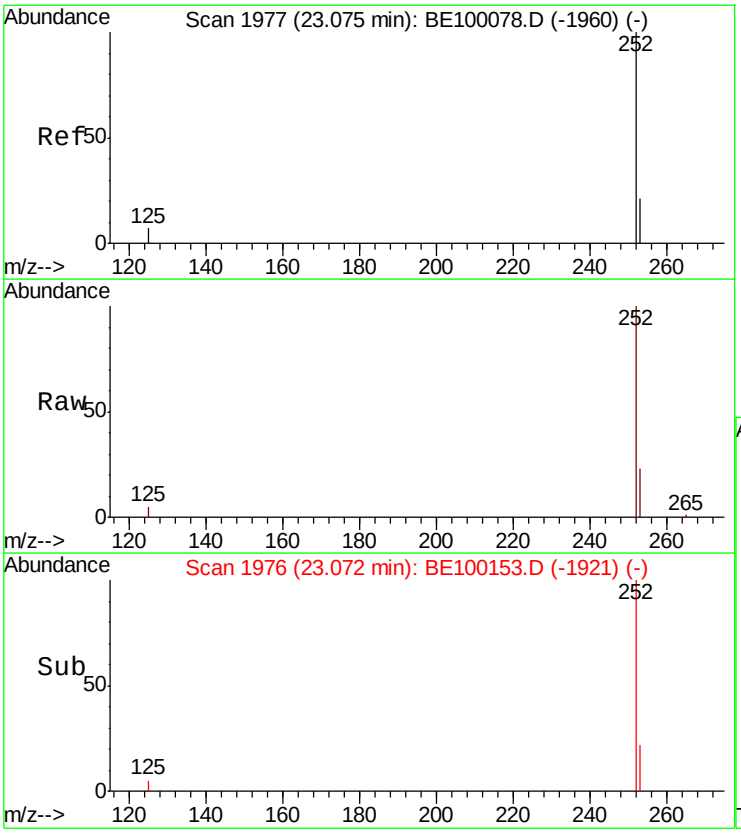
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:264 Resp: 11857

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.8	31.2
265	41.6	23.2	34.8#

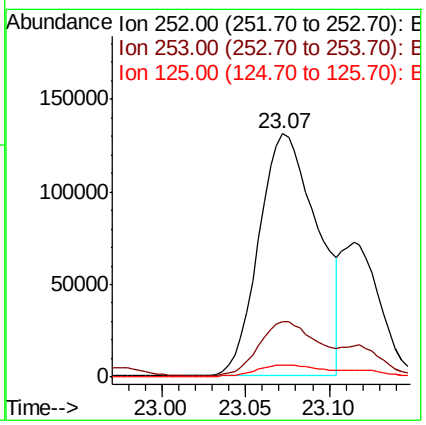


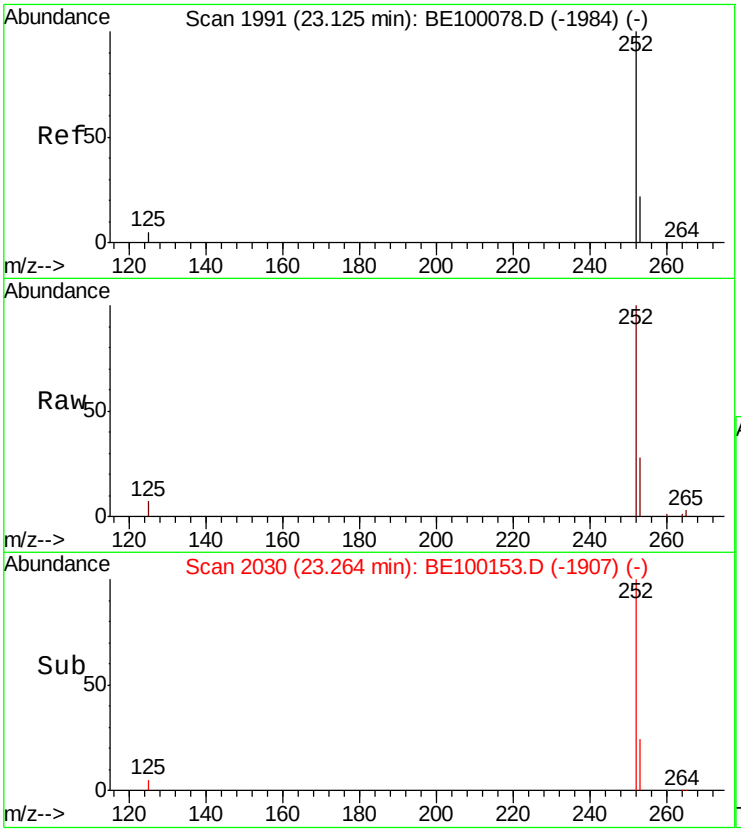


#35
Benzo(b)fluoranthene
Concen: 9.194 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:252 Resp: 319903

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	5.1	6.4	9.6#



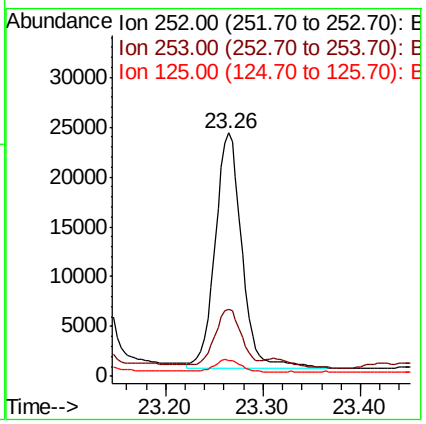


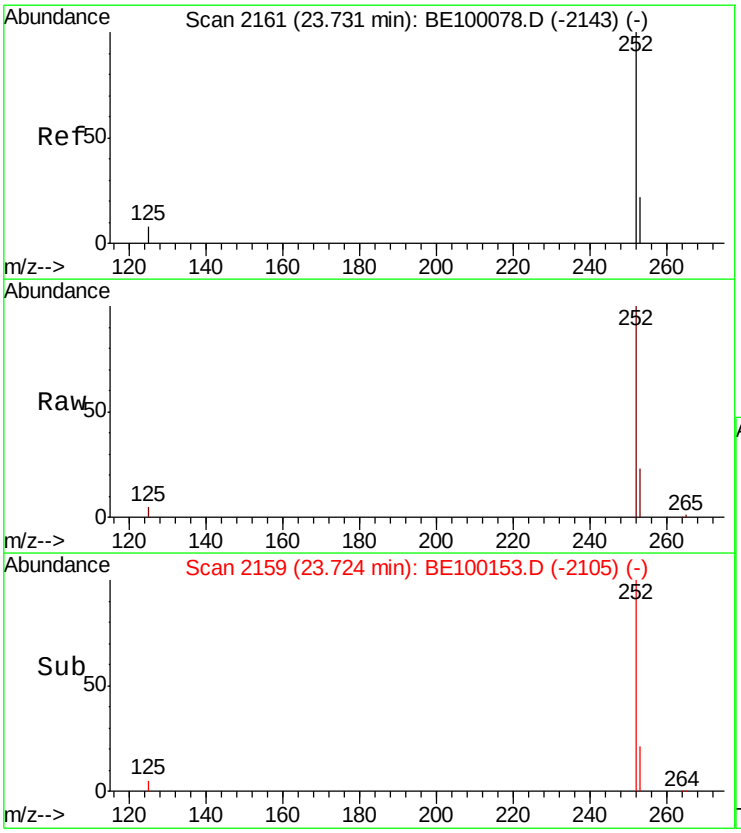
#36
Benzo(k)fluoranthene
Concen: 1.139 ng
RT: 23.26 min Scan# 2030
Delta R.T. 0.14 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:252 Resp: 45094

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.9	28.3
125	6.7	5.3	7.9

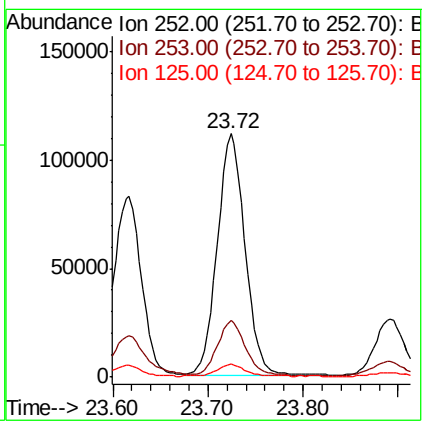


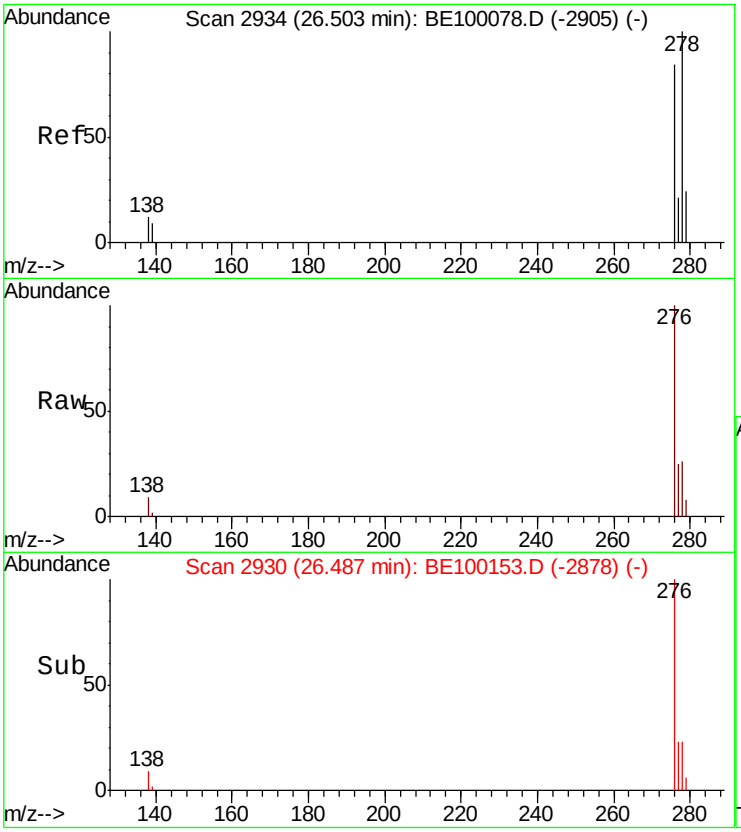


#37
Benzo(a)pyrene
Concen: 6.632 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:252 Resp: 222756

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	5.2	8.0	12.0#



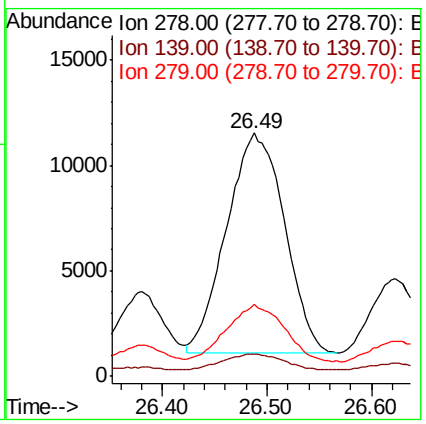


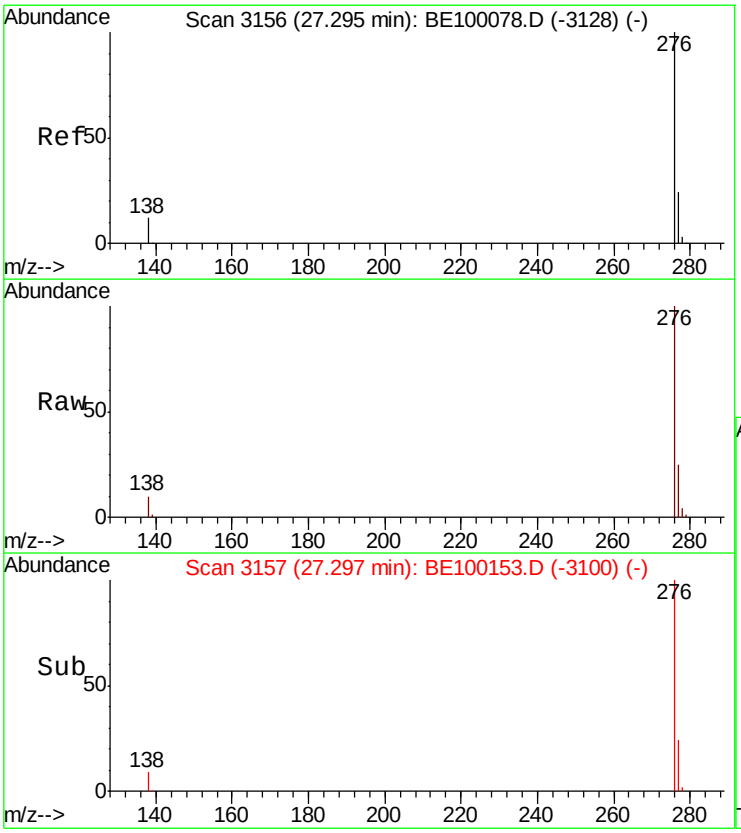
#38
Dibenzo(a,h)anthracene
Concen: 1.169 ng
RT: 26.49 min Scan# 2930
Delta R.T. -0.02 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319

Tgt Ion:278 Resp: 40247

Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.0	13.6
279	29.5	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 4.663 ng
RT: 27.30 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE100153.D
Acq: 22 Jun 2019 3:25

Tgt Ion:276 Resp: 166806

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.3	30.5
138	9.7	11.3	16.9#