Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101007.D
Acq On : 8 Jan 2020 17:08
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 08 18:20:41 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 18:14:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4728	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	18903	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	11322	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	24240	0.40	ng		0.00
27) Chrysene-d12	21.27	240	24746	0.40	ng		-0.01
34) Perylene-d12	23.70	264	23051	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	45732	5.72	ng		0.00
5) Phenol-d6	6.90	99	72117	6.43	ng		-0.02
8) Nitrobenzene-d5	8.86	82	76468	8.44	ng		-0.01
11) 2-Methylnaphthalene-d10	12.09	152	167279	6.02	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	19312	7.77	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	200005	4.97	ng		-0.01
25) Fluoranthene-d10	19.13	212	1704589	5.79	ng		0.00
29) Terphenyl-d14	19.73	244	283135	4.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	34728	2.080	ng		91
3) n-Nitrosodimethylamine	3.59	42	30450	7.803	ng	#	90
6) bis(2-Chloroethyl)ether	7.15	93	69677	4.077	ng		88
9) Naphthalene	10.55	128	961930	4.786	ng		100
10) Hexachlorobutadiene	10.85	225	39177	4.411	ng		98
12) 2-Methylnaphthalene	12.17	142	159270	5.230	ng		99
16) Acenaphthylene	14.08	152	255723	6.043	ng		100
17) Acenaphthene	14.41	154	163318	5.312	ng		96
18) Fluorene	15.39	166	208217	5.434	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	60386	5.674	ng		99
21) Hexachlorobenzene	16.40	284	61839	4.920	ng		99
22) Pentachlorophenol	16.75	266	21929	11.681	ng		86
23) Phenanthrene	17.14	178	330084	5.283	ng		99
24) Anthracene	17.23	178	331314	5.244	ng		100
26) Fluoranthene	19.16	202	424955	4.988	ng		99
28) Pyrene	19.52	202	421145	4.865	ng		100
30) Benzo(a)anthracene	21.26	228	368835	6.089	ng		97
31) Chrysene	21.31	228	458575	4.066	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	699369	5.249	ng		100
33) Indeno(1,2,3-cd)pyrene	26.24	276	407341	4.798	ng	#	93
35) Benzo(b)fluoranthene	22.95	252	357821	7.374	ng		97
36) Benzo(k)fluoranthene	23.00	252	430891	4.683	ng		96
37) Benzo(a)pyrene	23.59	252	335157	5.916	ng	#	94
38) Dibenzo(a,h)anthracene	26.26	278	328086	6.391	ng		93
39) Benzo(g,h,i)perylene	27.02	276	354163	5.857	ng		99

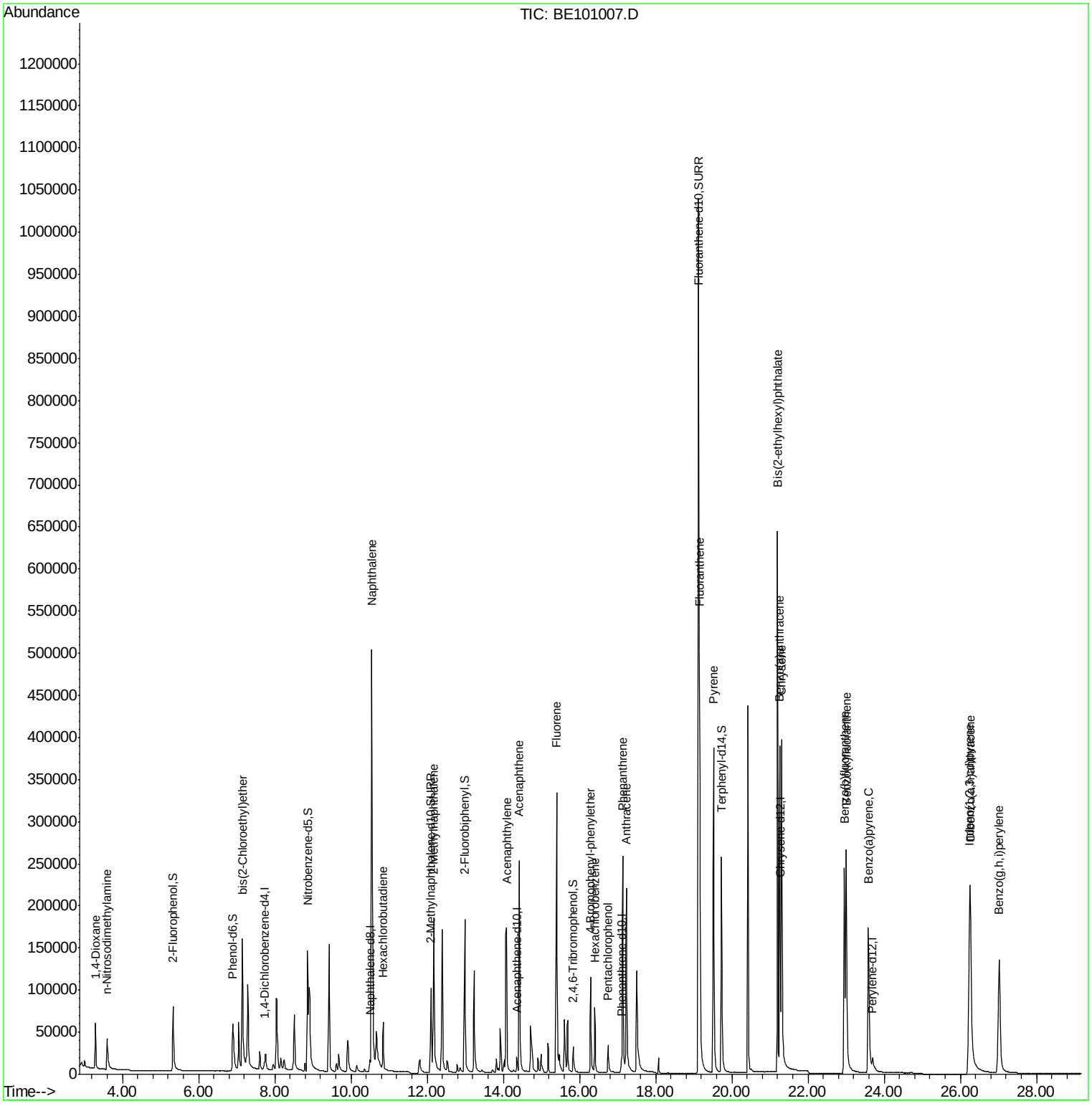
(#) = qualifier out of range (m) = manual integration (+) = signals summed

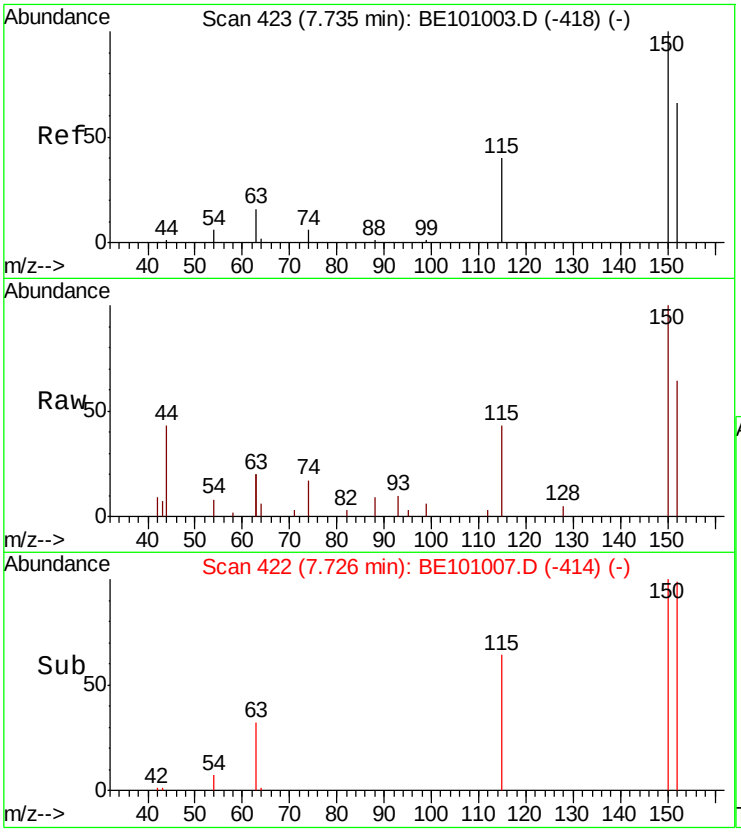
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101007.D
Acq On : 8 Jan 2020 17:08
Operator : JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 08 18:20:41 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 18:14:32 2020
Response via : Initial Calibration



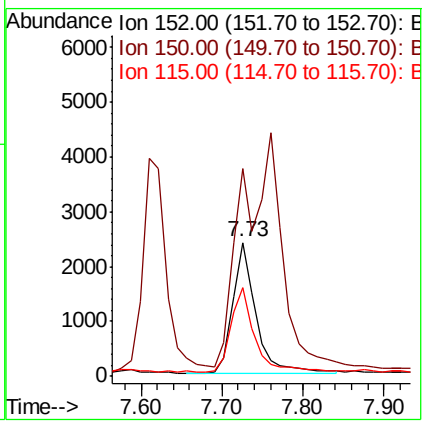


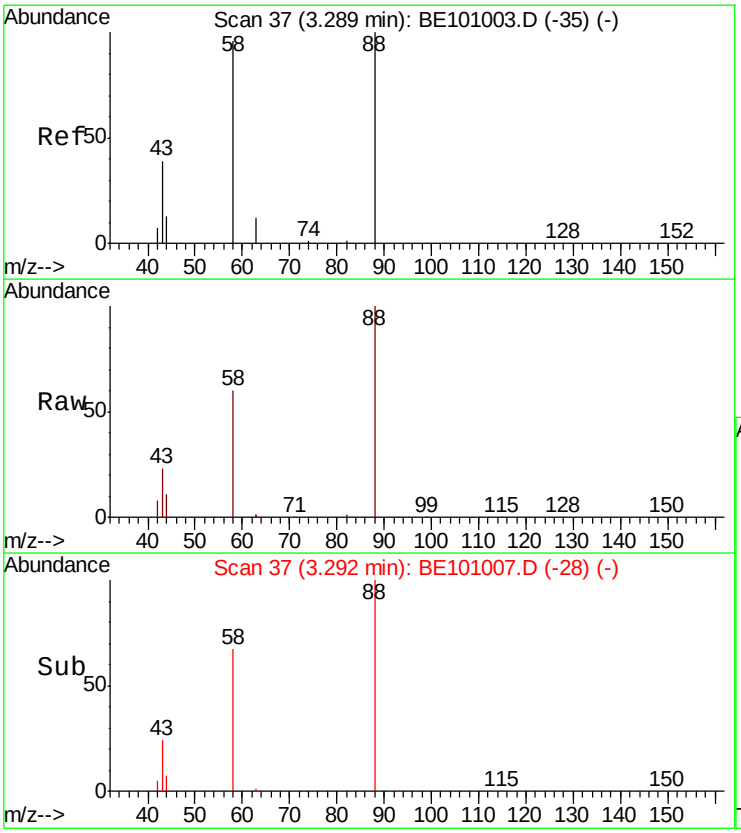
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4728

Ion	Ratio	Lower	Upper
152	100		
150	155.5	120.3	180.5
115	66.1	51.7	77.5

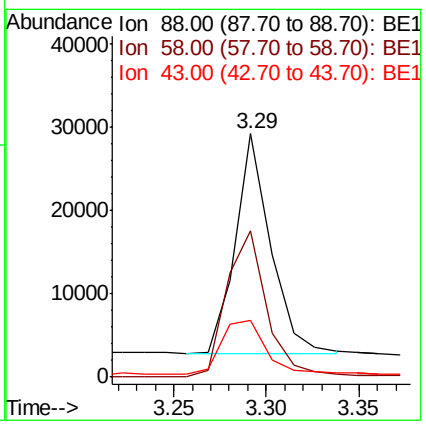


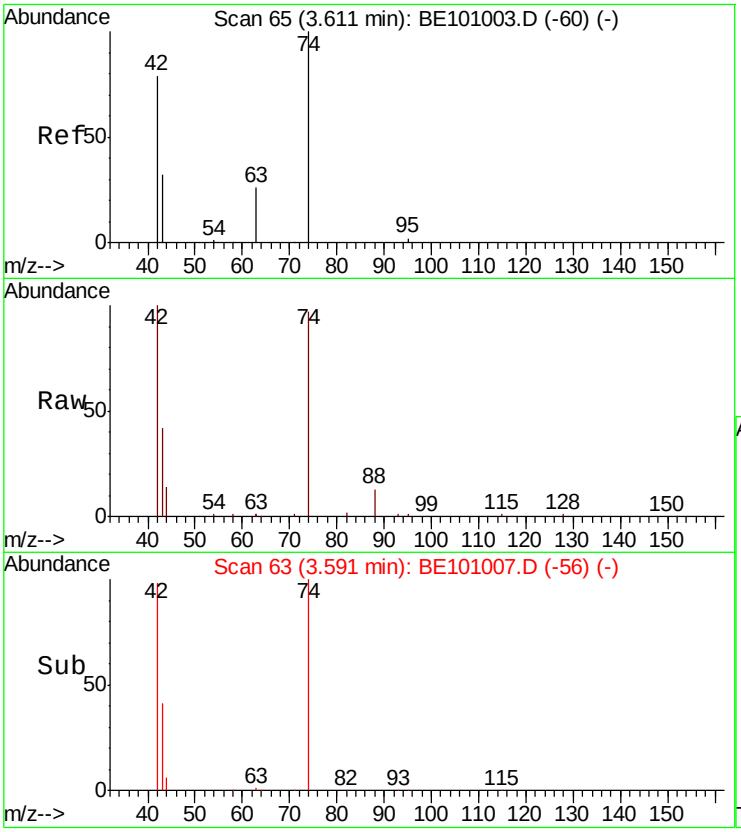


#2
1,4-Dioxane
Concen: 2.080 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion: 88 Resp: 34728

Ion	Ratio	Lower	Upper
88	100		
58	75.3	53.0	79.4
43	30.4	23.4	35.2



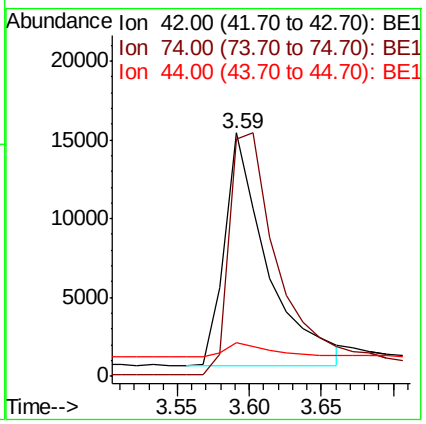


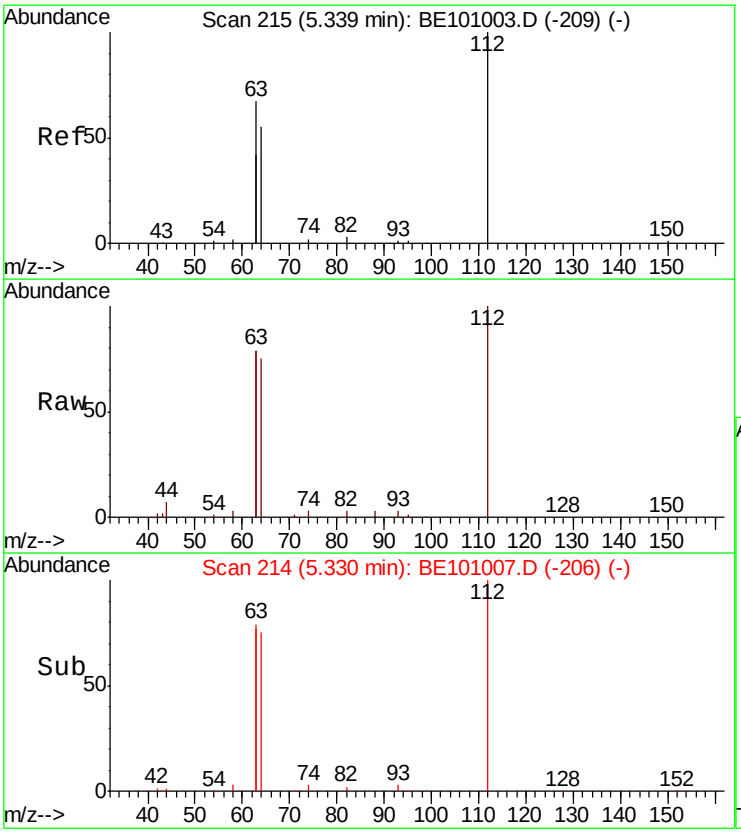
#3
n-Nitrosodimethylamine
Concen: 7.803 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 30450

Ion	Ratio	Lower	Upper
42	100		
74	120.3	105.7	158.5
44	6.9	10.0	15.0#

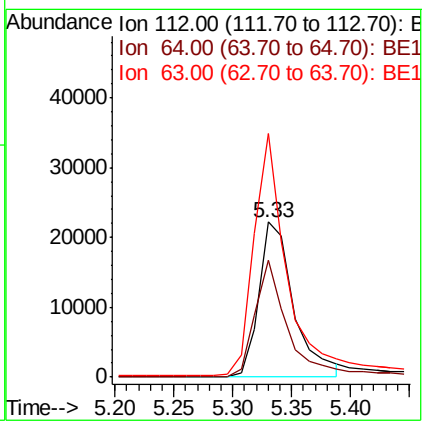


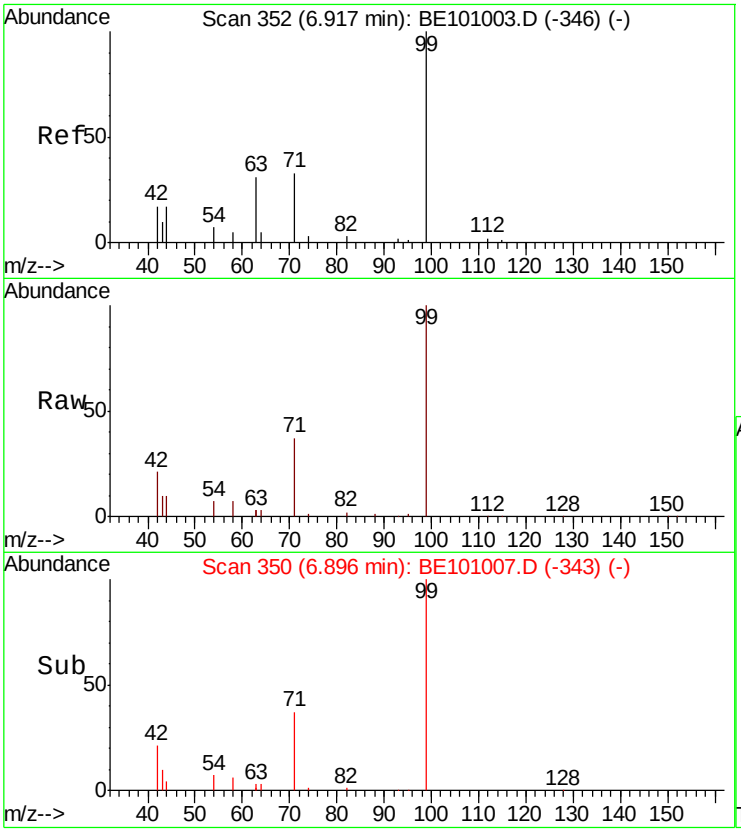


#4
2-Fluorophenol
Concen: 5.721 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:112 Resp: 45732

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.6	80.4
63	143.4	114.6	172.0



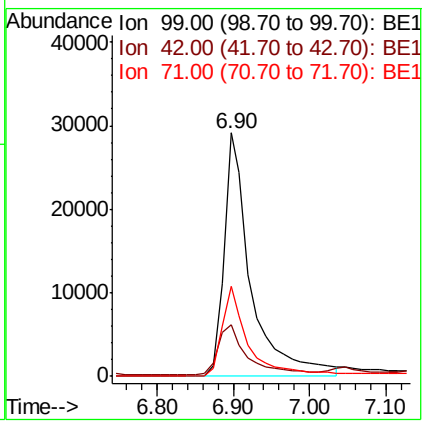


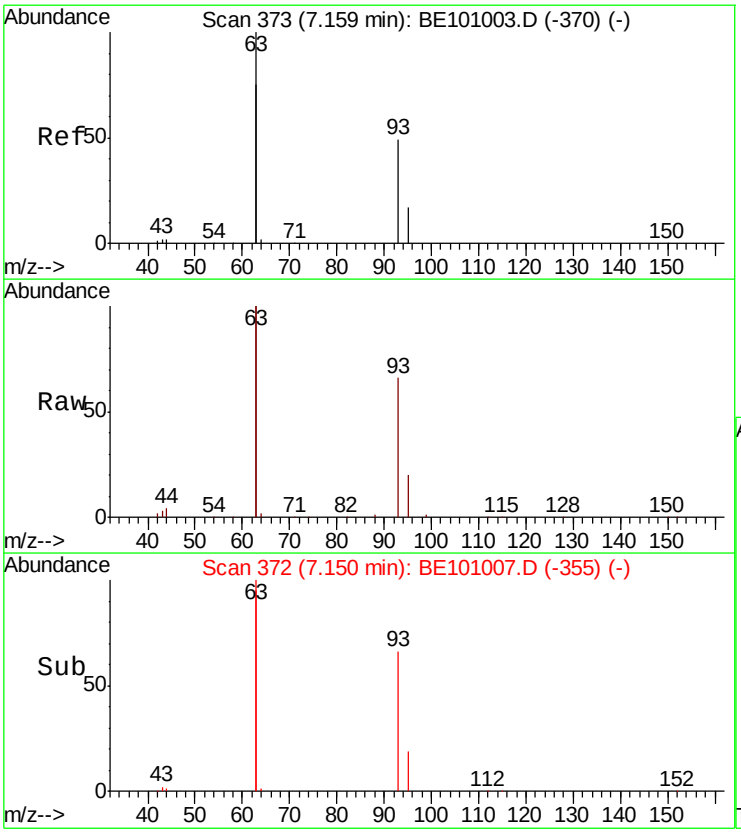
#5
Phenol-d6
Concen: 6.426 ng
RT: 6.90 min Scan# 350
Delta R.T. -0.02 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 72117

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.3	27.5
71	35.3	28.0	42.0

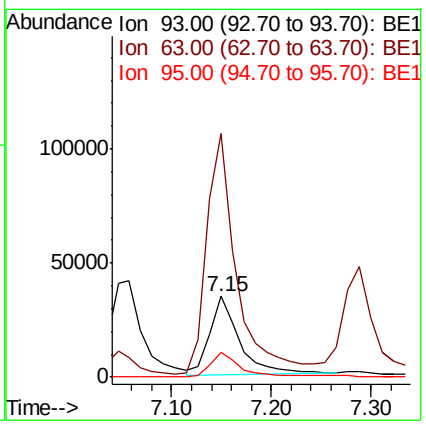


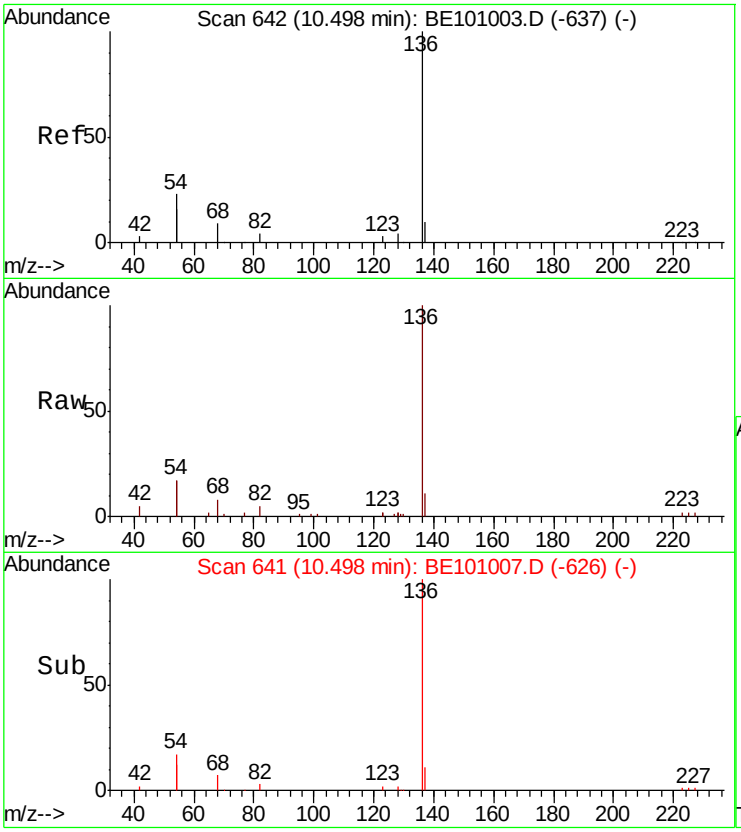


#6
bis(2-Chloroethyl)ether
Concen: 4.077 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion: 93 Resp: 69677

Ion	Ratio	Lower	Upper
93	100		
63	316.8	233.9	350.9
95	33.3	23.5	35.3



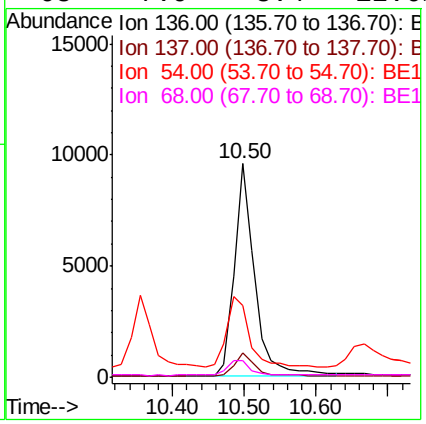


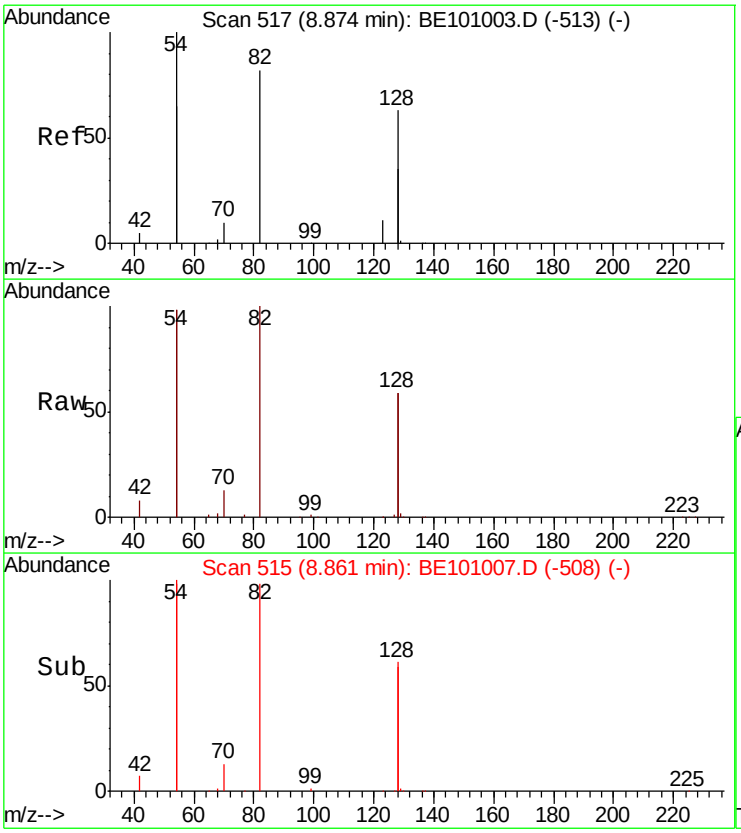
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 18903

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	33.5	36.8	55.2#
68	7.9	8.4	12.6#

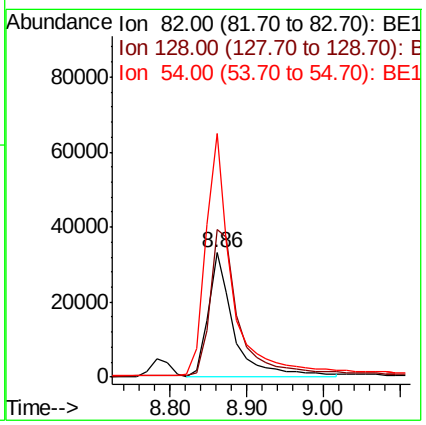


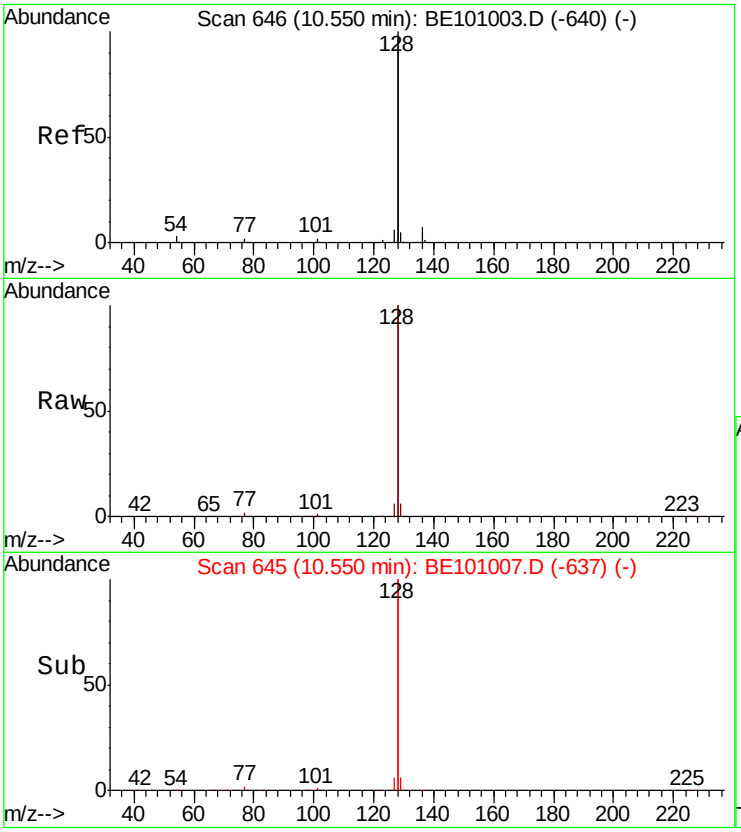


#8
Nitrobenzene-d5
Concen: 8.443 ng
RT: 8.86 min Scan# 515
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion: 82 Resp: 76468

Ion	Ratio	Lower	Upper
82	100		
128	118.5	109.8	164.6
54	195.9	174.5	261.7



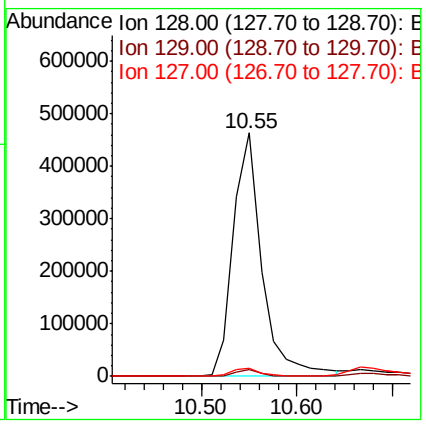


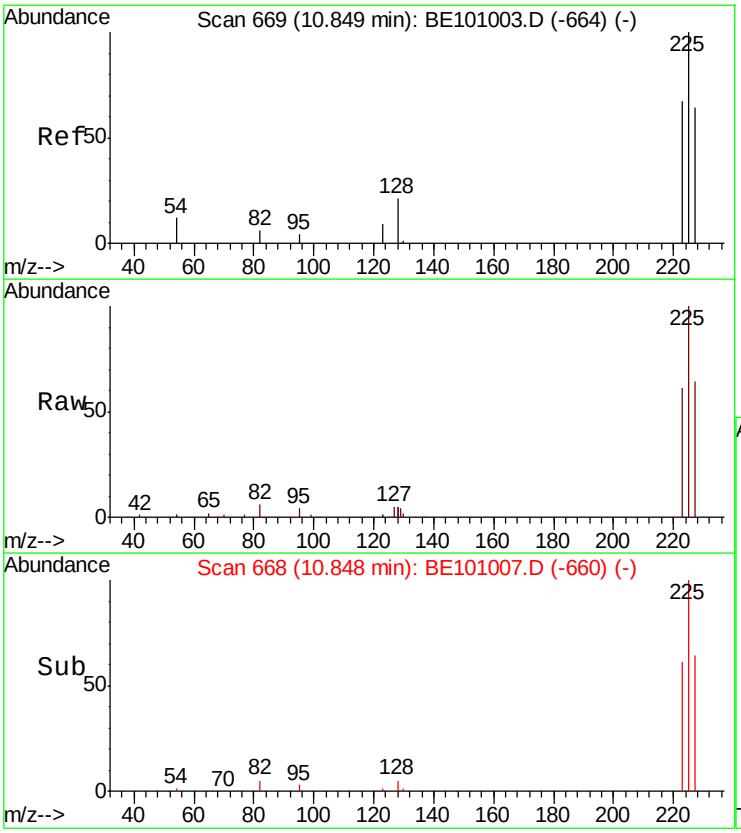
#9
Naphthalene
Concen: 4.786 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 961930

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.2	2.7	4.1

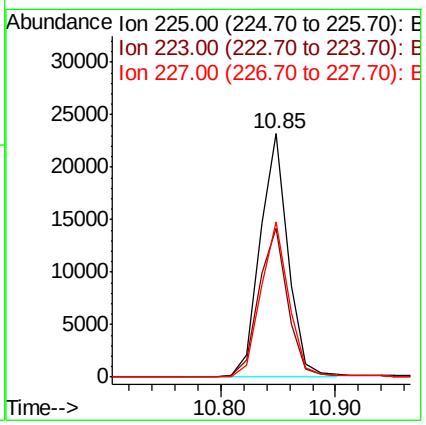


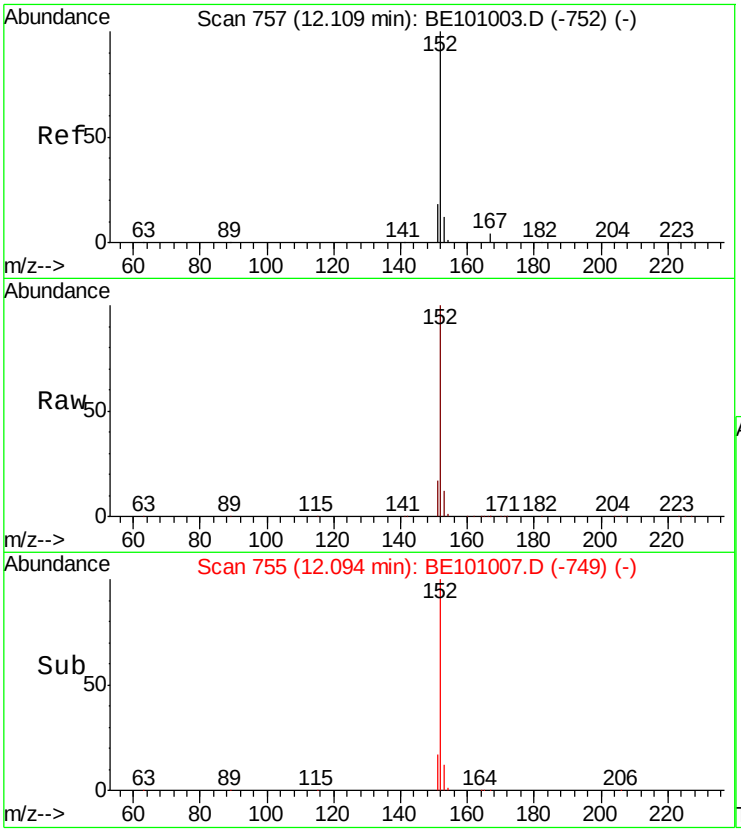


#10
Hexachlorobutadiene
Concen: 4.411 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:225 Resp: 39177

Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.4
227	63.7	49.9	74.9



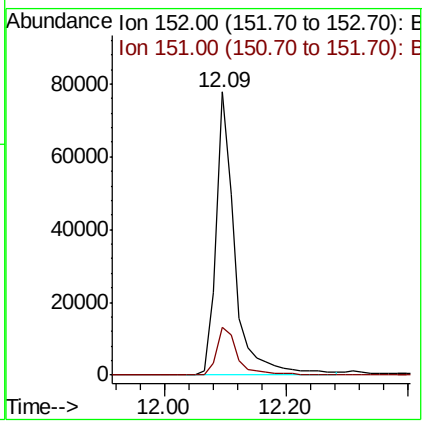


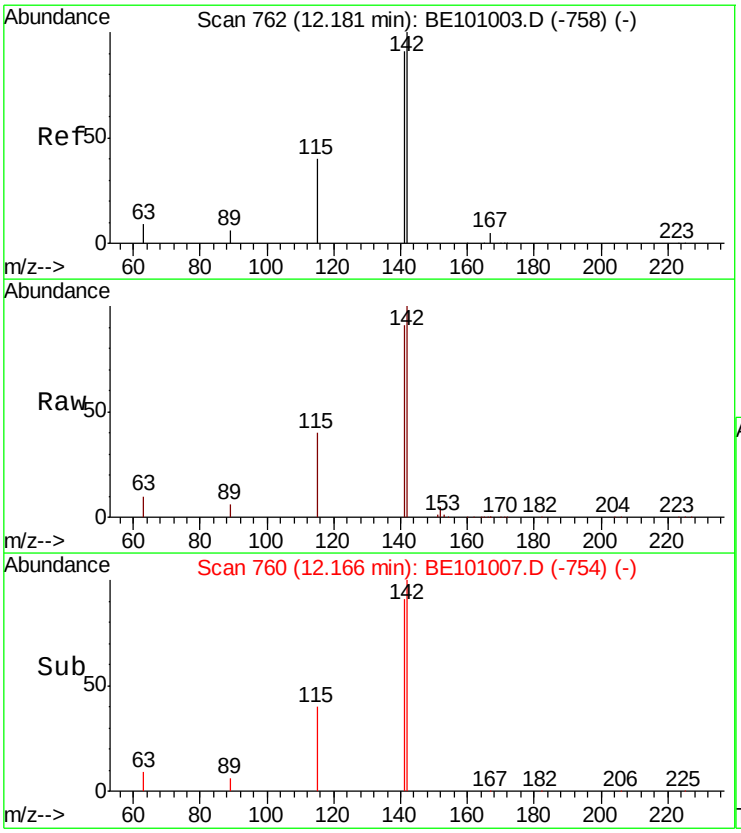
#11
2-Methylnaphthalene-d10
Concen: 6.024 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 167279

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

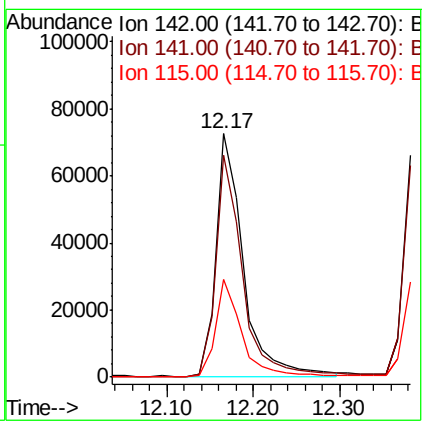


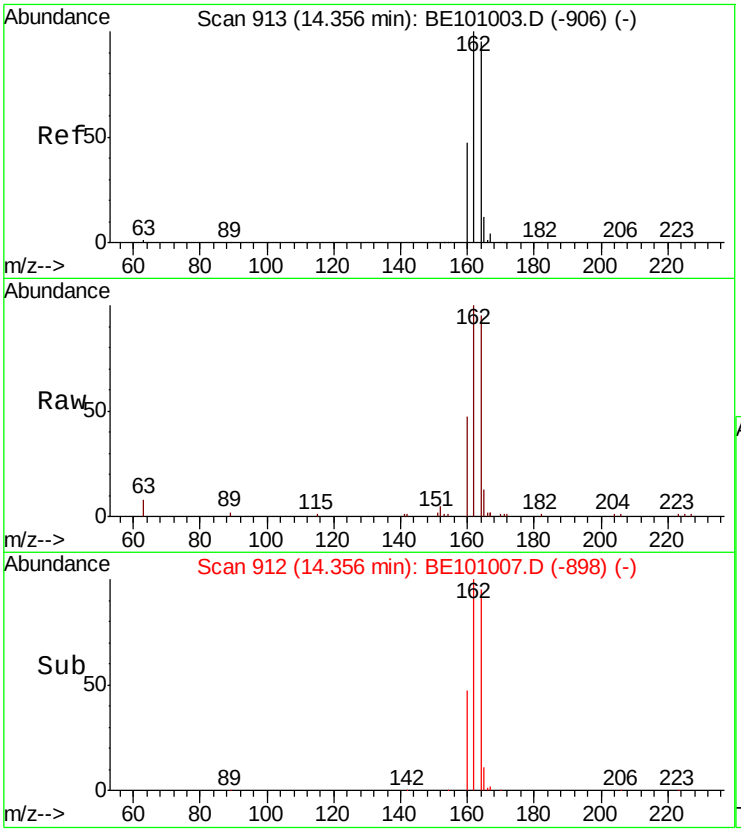


#12
2-Methylnaphthalene
Concen: 5.230 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:142 Resp: 159270

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7
115	39.9	33.0	49.6



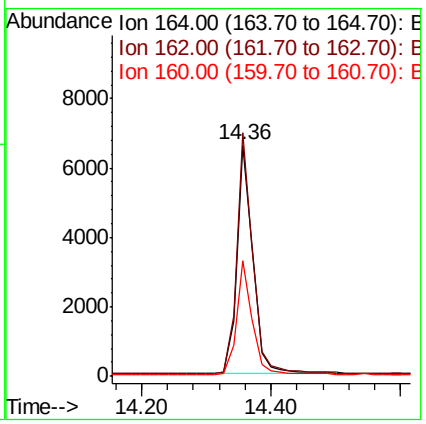


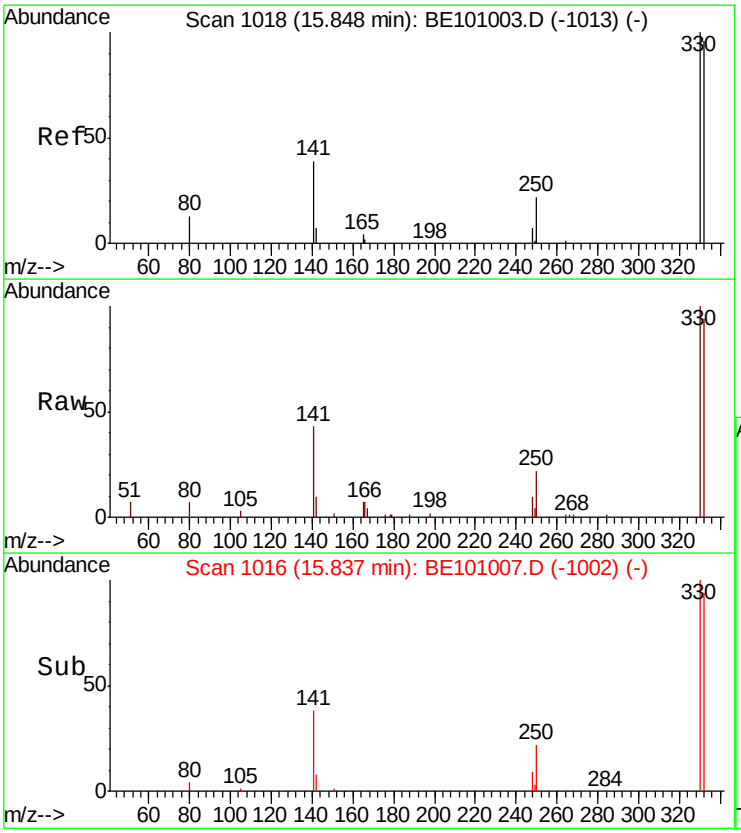
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11322

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.1	126.1
160	50.0	40.4	60.6

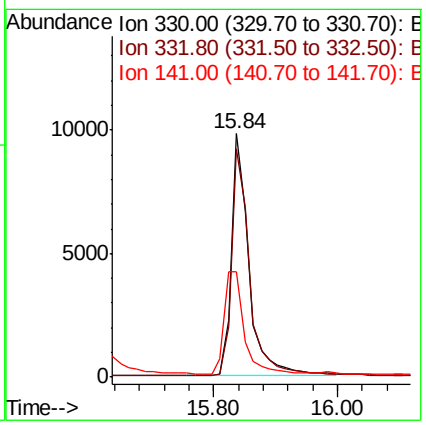


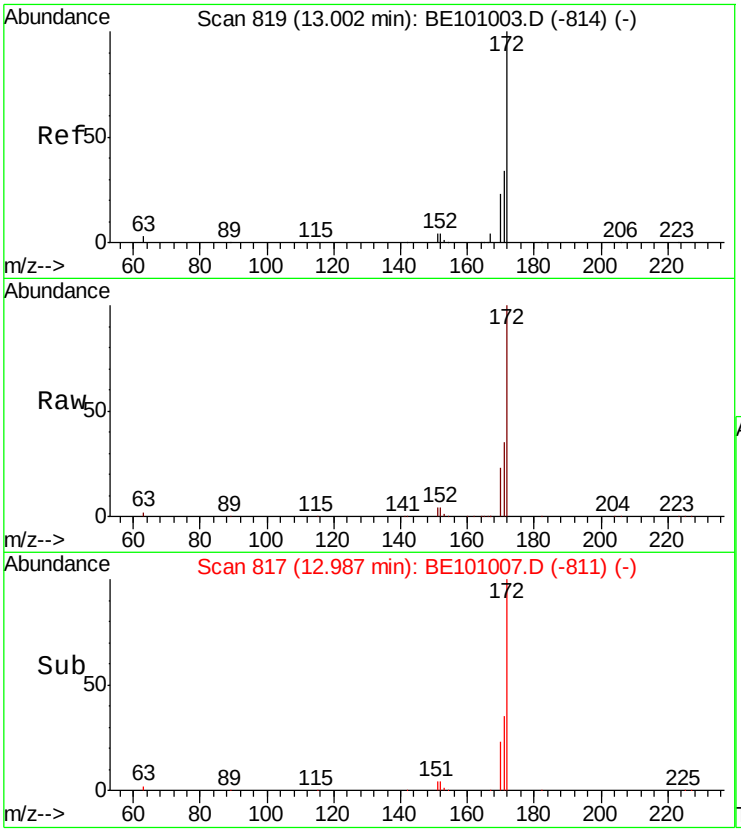


#14
2,4,6-Tribromophenol
Concen: 7.767 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:330 Resp: 19312

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	48.1	37.0	55.4



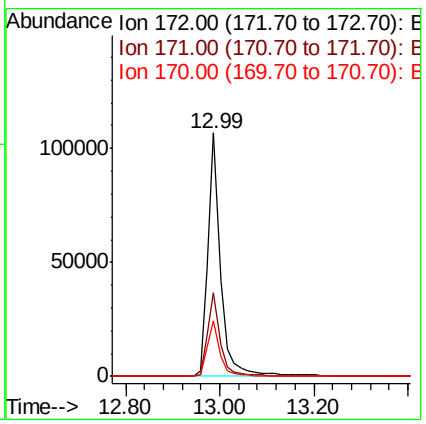


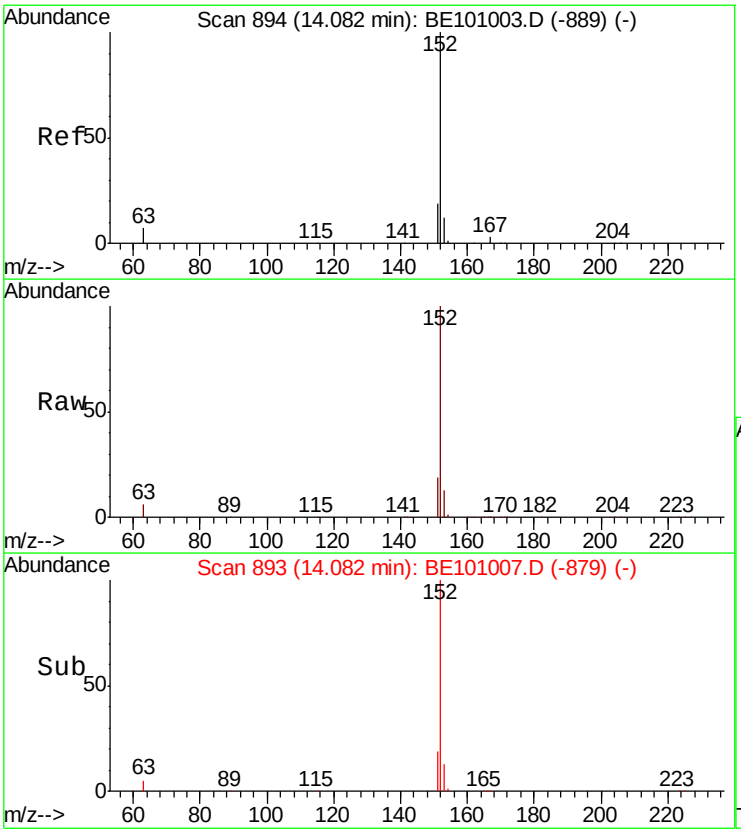
#15
2-Fluorobiphenyl
Concen: 4.971 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 200005

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.0	18.9	28.3

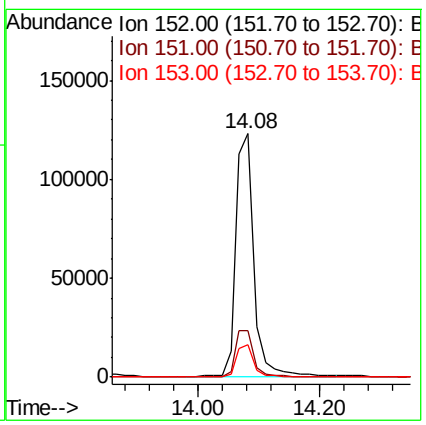


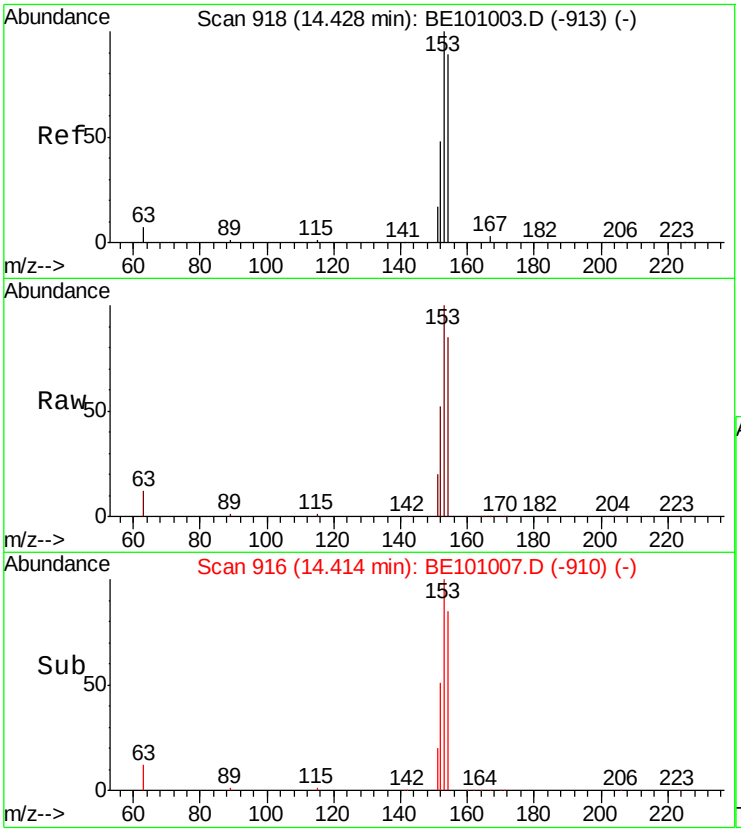


#16
Acenaphthylene
Concen: 6.043 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:152 Resp: 255723

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6



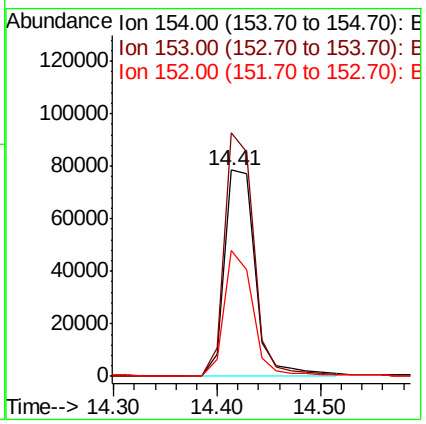


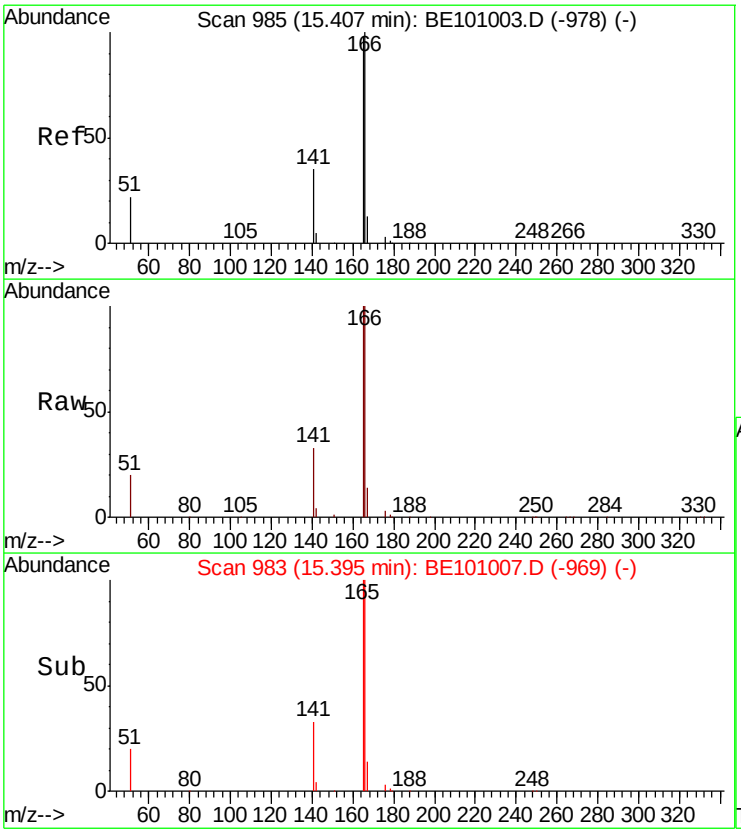
#17
Acenaphthene
Concen: 5.312 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 163318

Ion	Ratio	Lower	Upper
154	100		
153	111.8	93.6	140.4
152	55.4	46.3	69.5

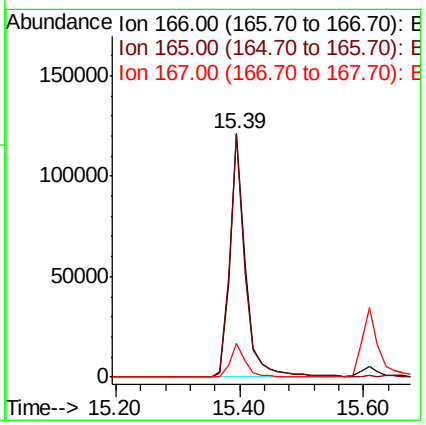


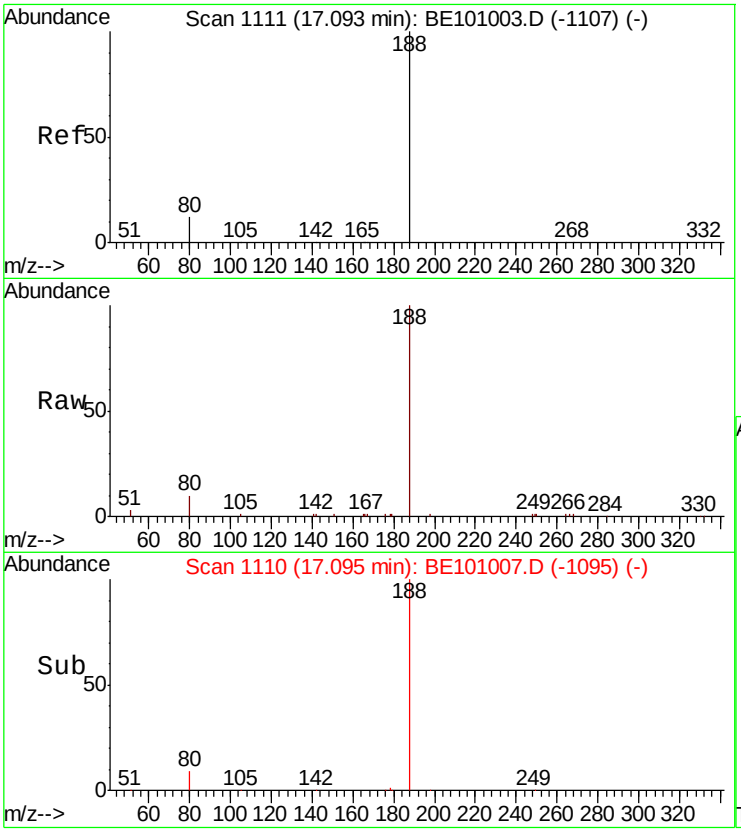


#18
Fluorene
Concen: 5.434 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:166 Resp: 208217

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.5	11.0	16.6



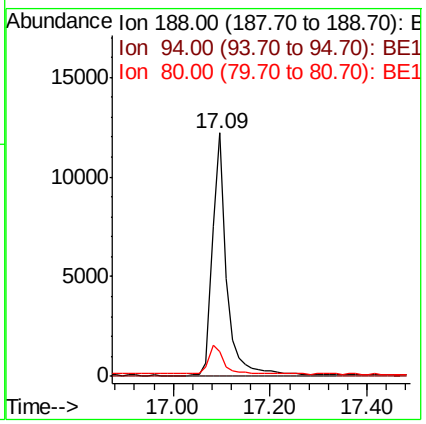


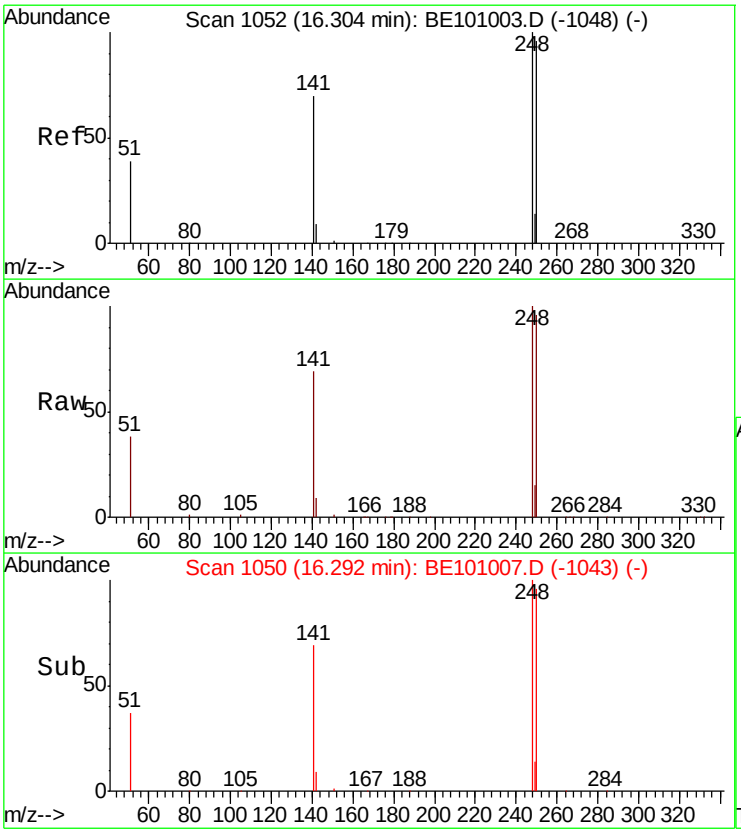
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24240

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	10.8	16.2#

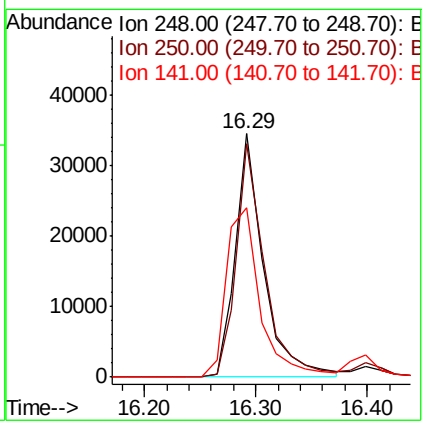


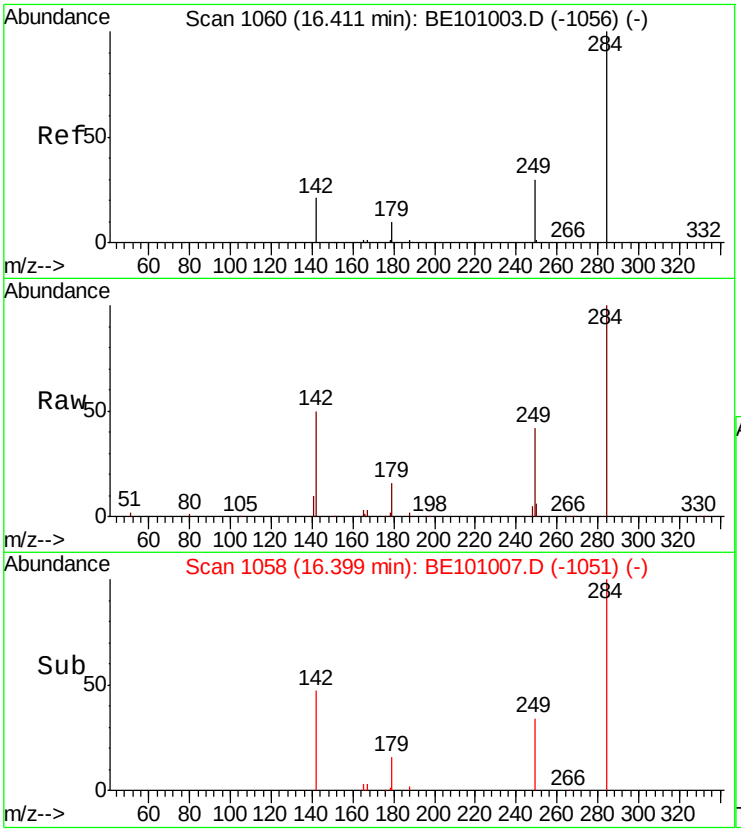


#20
4-Bromophenyl-phenylether
Concen: 5.674 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:248 Resp: 60386

Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	115.0
141	69.4	57.7	86.5



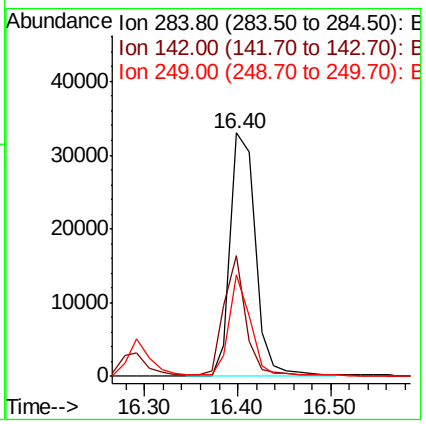


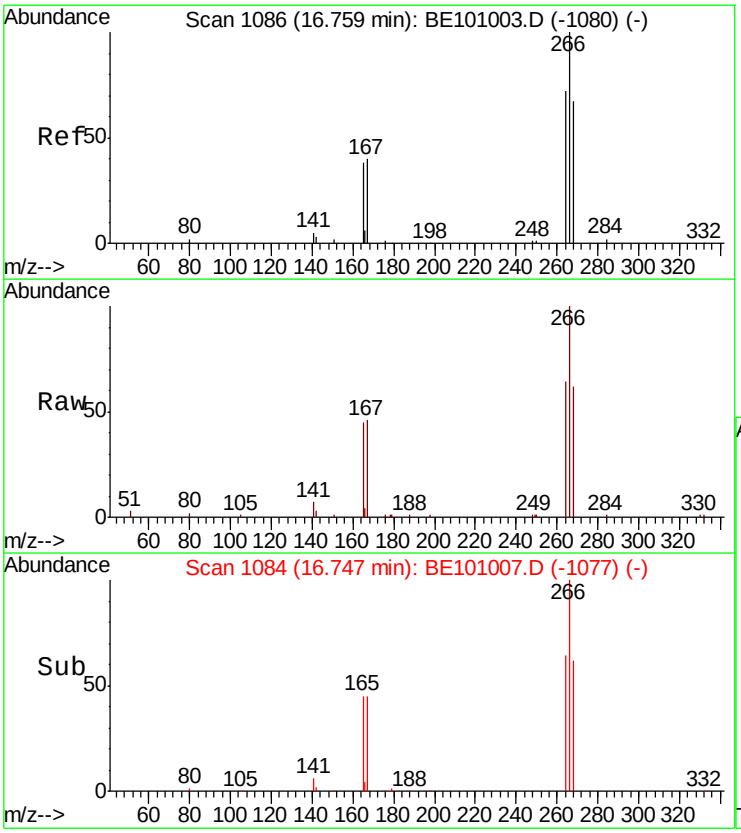
#21
Hexachlorobenzene
Concen: 4.920 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 61839

Ion	Ratio	Lower	Upper
284	100		
142	41.8	34.0	51.0
249	34.5	28.2	42.4

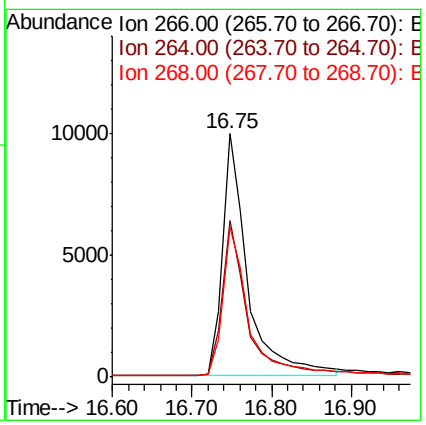


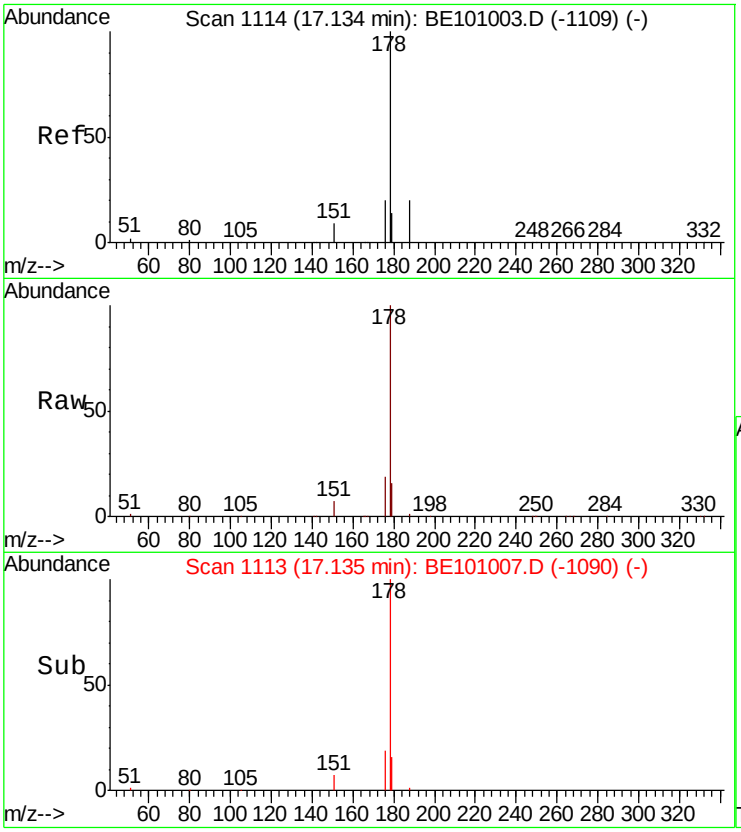


#22
Pentachlorophenol
Concen: 11.681 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:266 Resp: 21929

Ion	Ratio	Lower	Upper
266	100		
264	64.4	61.0	91.4
268	61.9	58.5	87.7



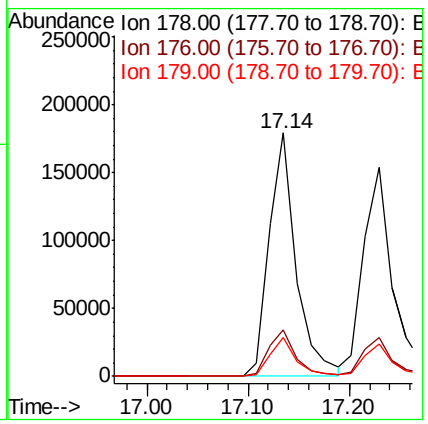


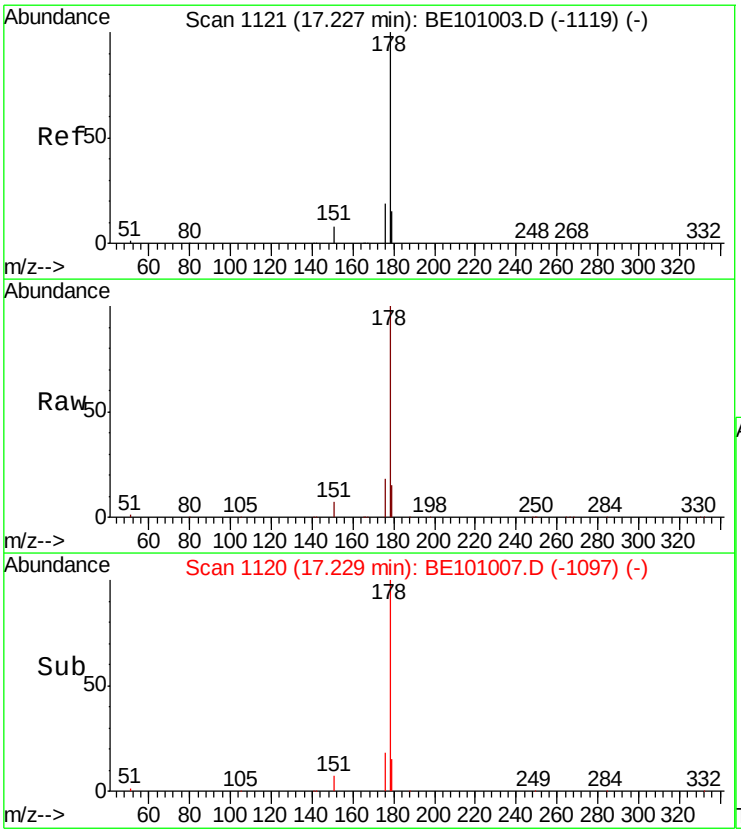
#23
Phenanthrene
Concen: 5.283 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 330084

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.0	18.0

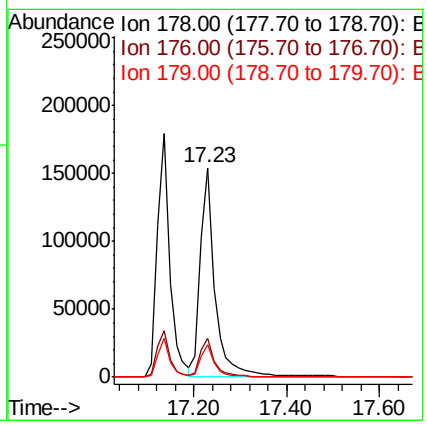


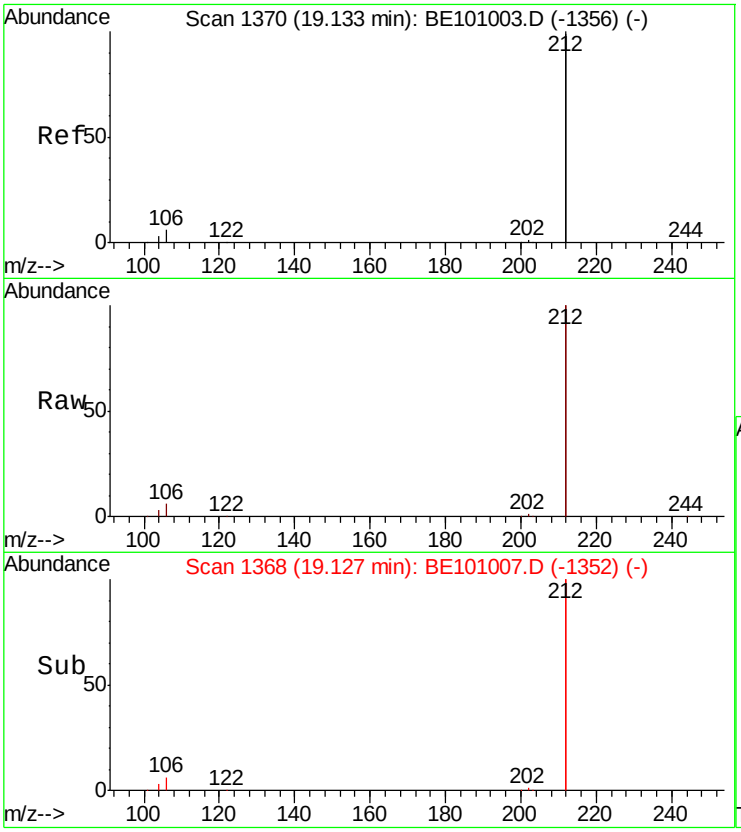


#24
Anthracene
Concen: 5.244 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:178 Resp: 331314

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.3	12.4	18.6



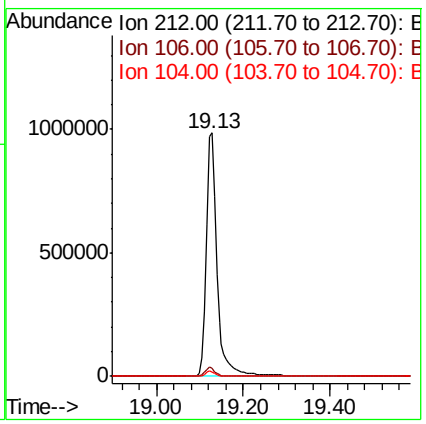


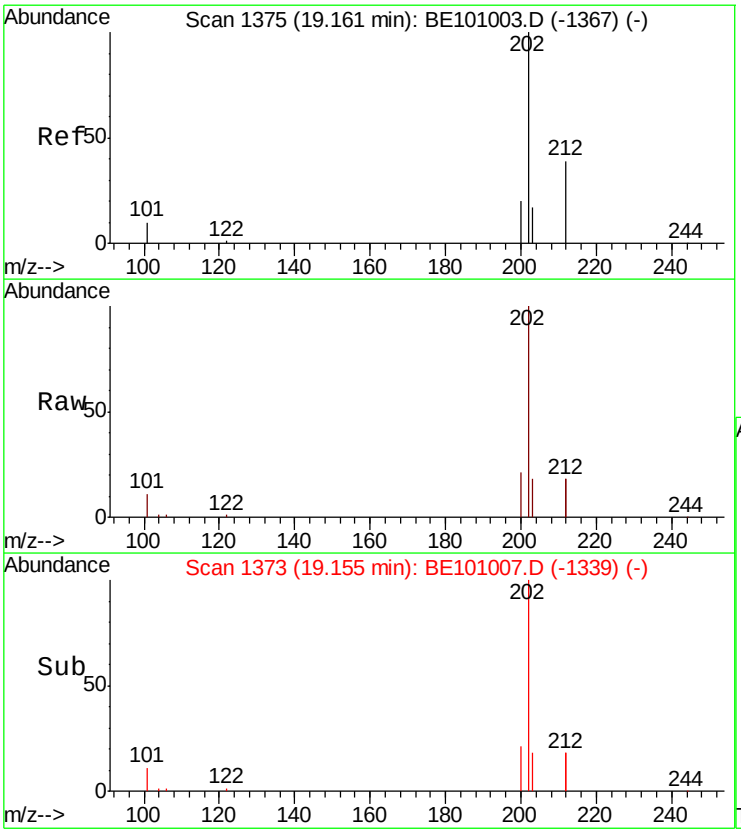
#25
Fluoranthene-d10
Concen: 5.795 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1704589

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	3.8
104	1.9	1.4	2.0

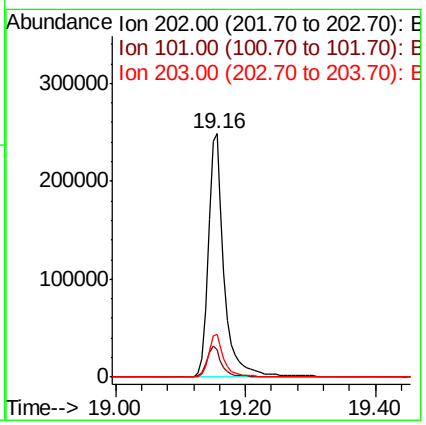


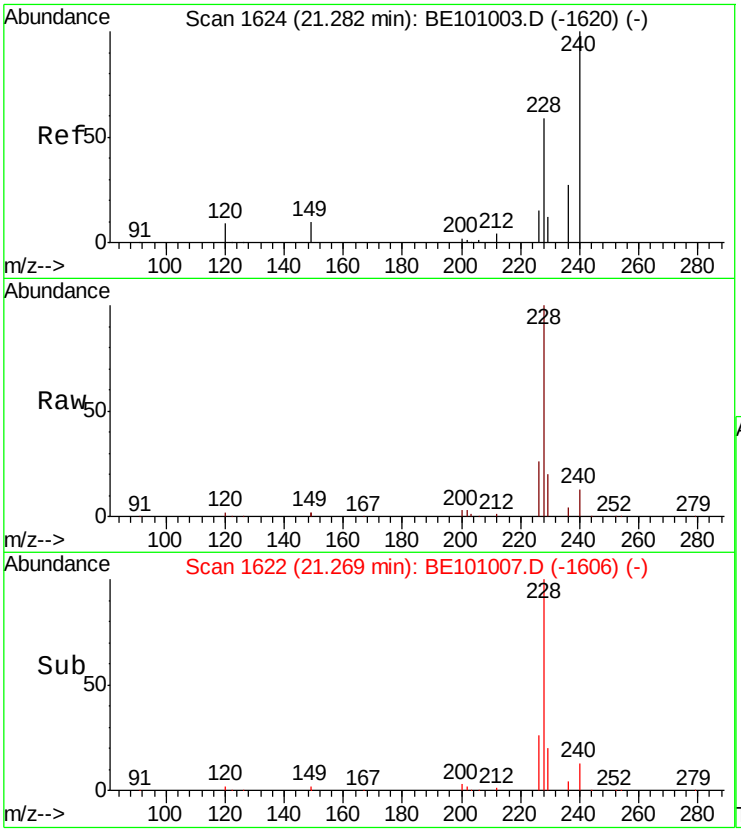


#26
Fluoranthene
Concen: 4.988 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:202 Resp: 424955

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.2	13.8	20.6



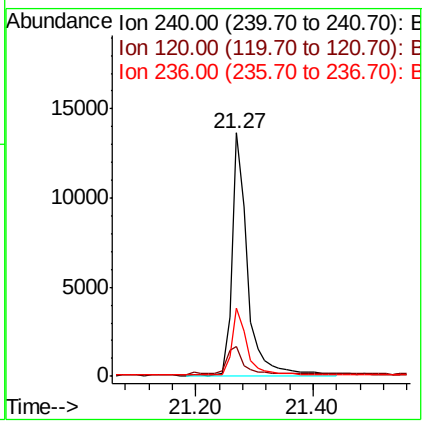


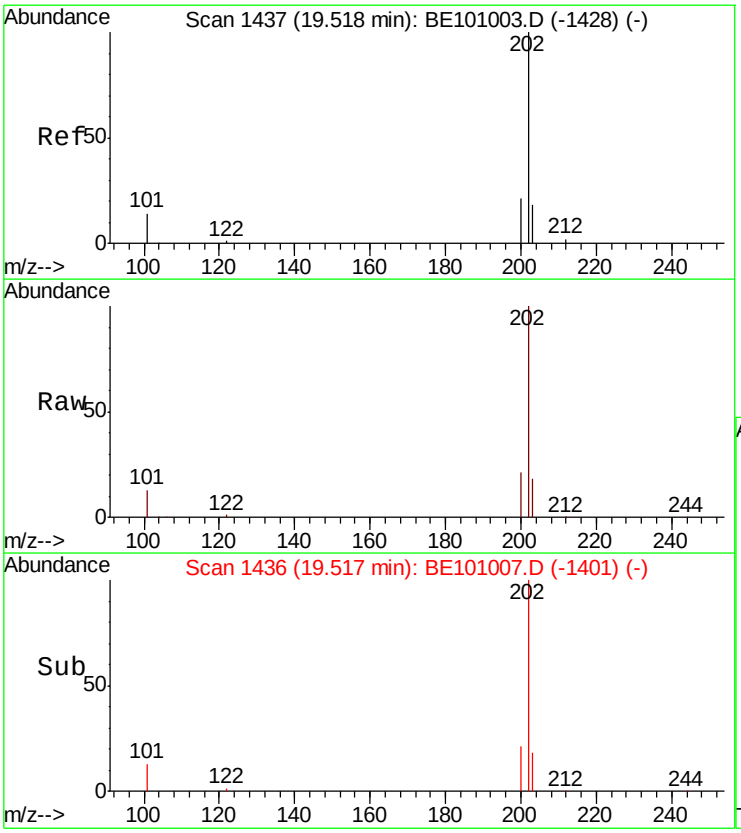
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 24746

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	27.9	22.2	33.4

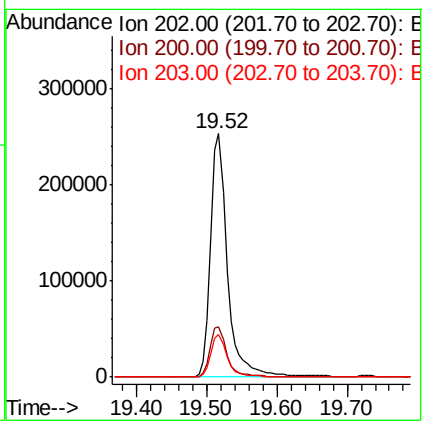


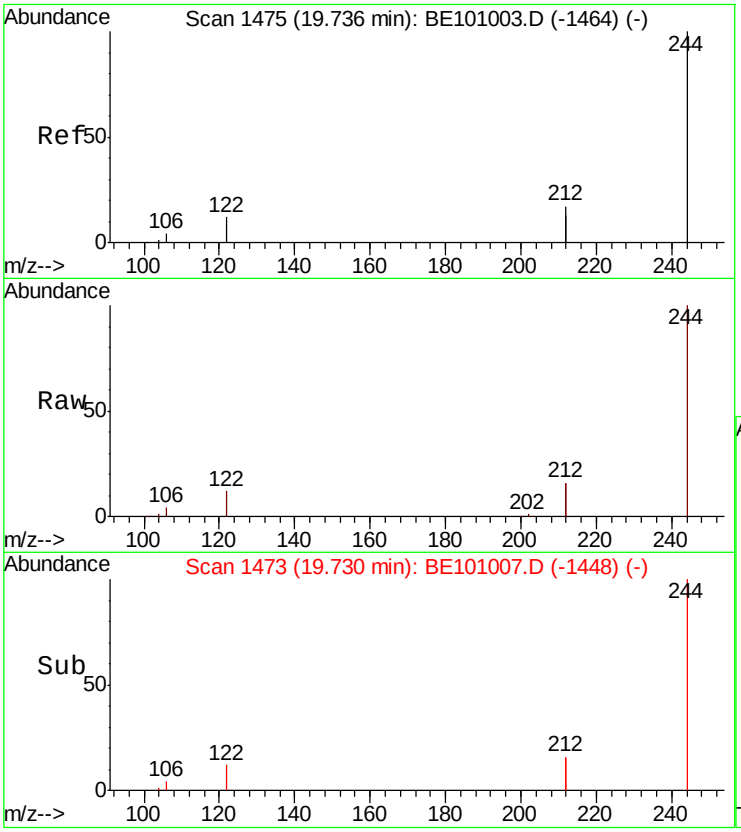


#28
Pyrene
Concen: 4.865 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:202 Resp: 421145

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.5	13.8	20.6



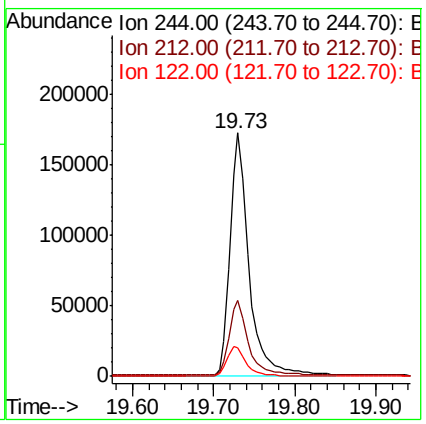


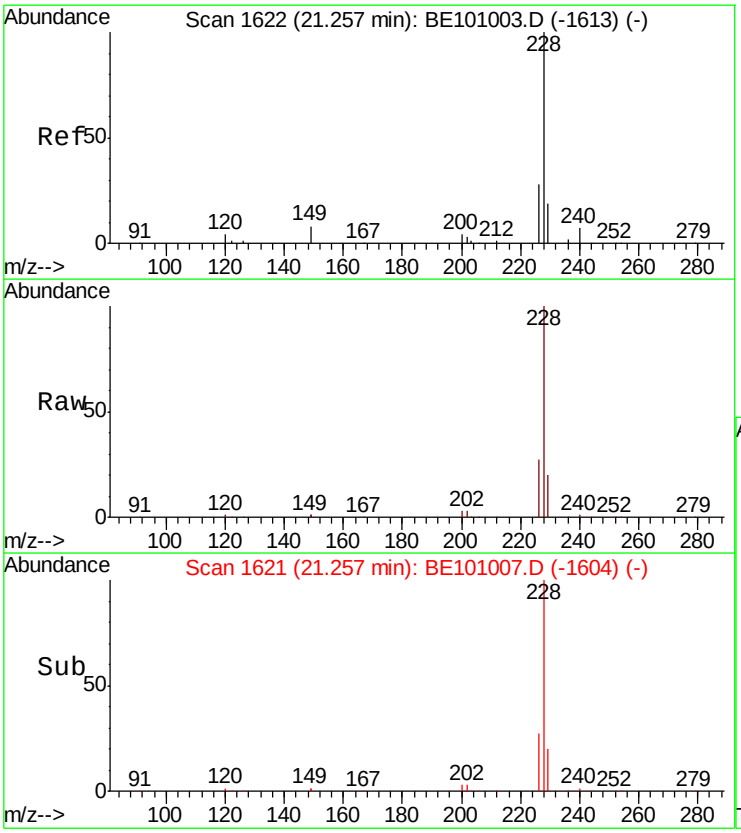
#29
Terphenyl-d14
Concen: 4.978 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 283135

Ion	Ratio	Lower	Upper
244	100		
212	31.1	27.2	40.8
122	11.9	9.8	14.8

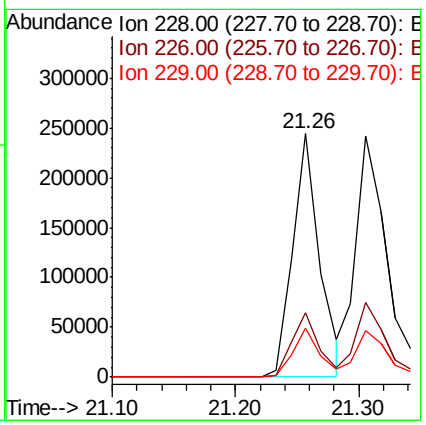


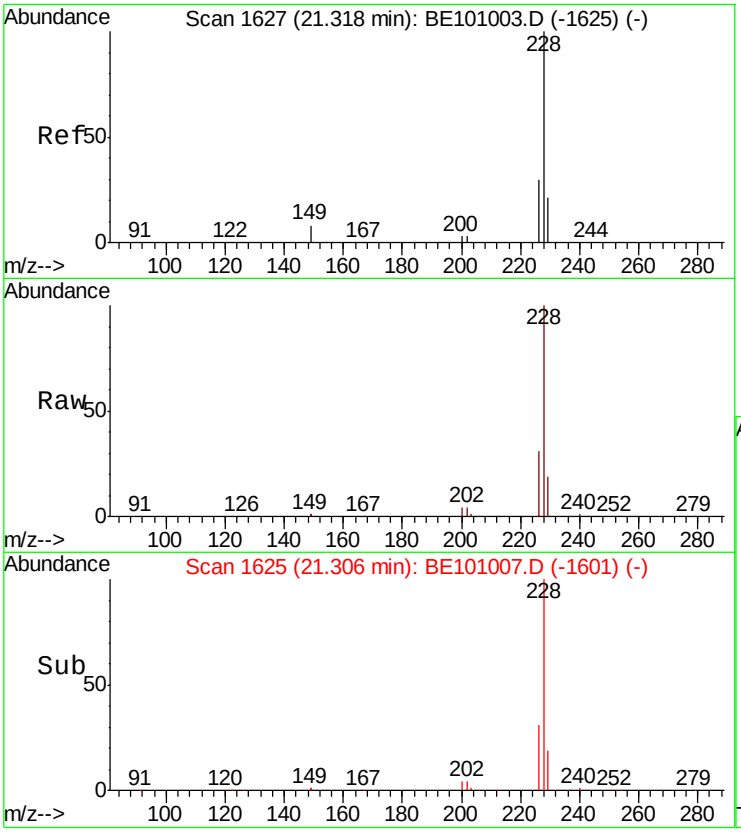


#30
Benzo(a)anthracene
Concen: 6.089 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:228 Resp: 368835

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.7	34.1
229	20.1	15.5	23.3



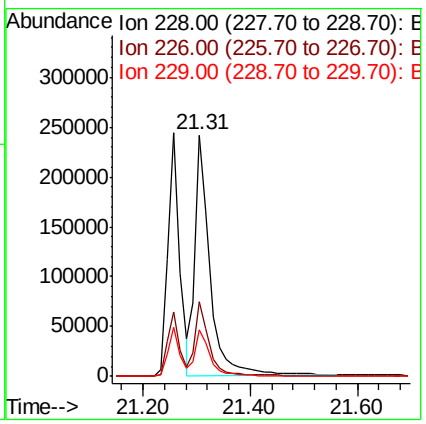


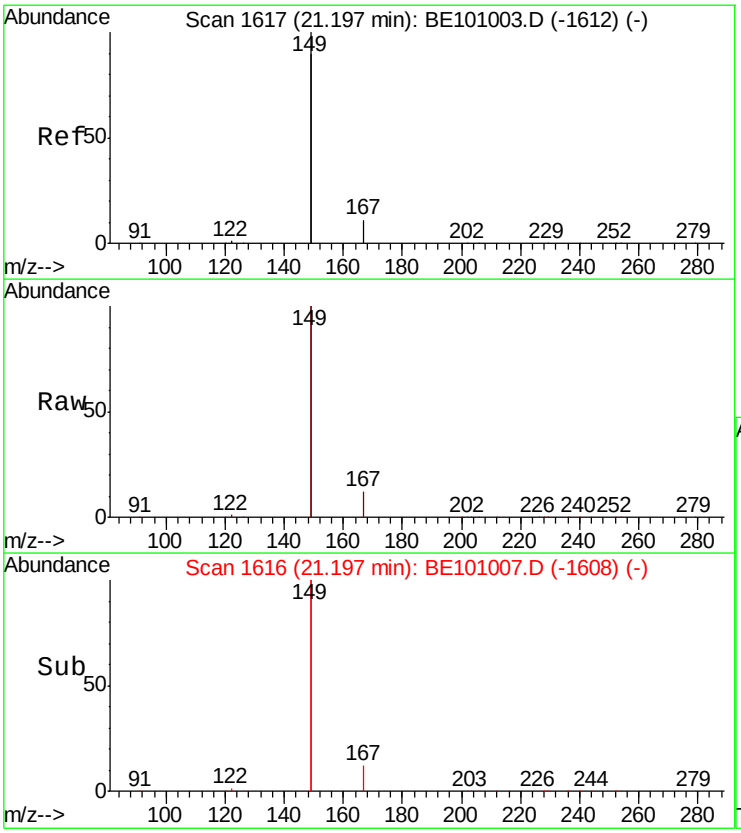
#31
Chrysene
Concen: 4.066 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 458575

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.5	35.3
229	19.5	16.7	25.1

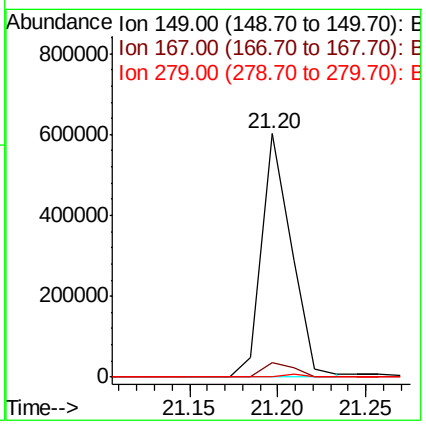


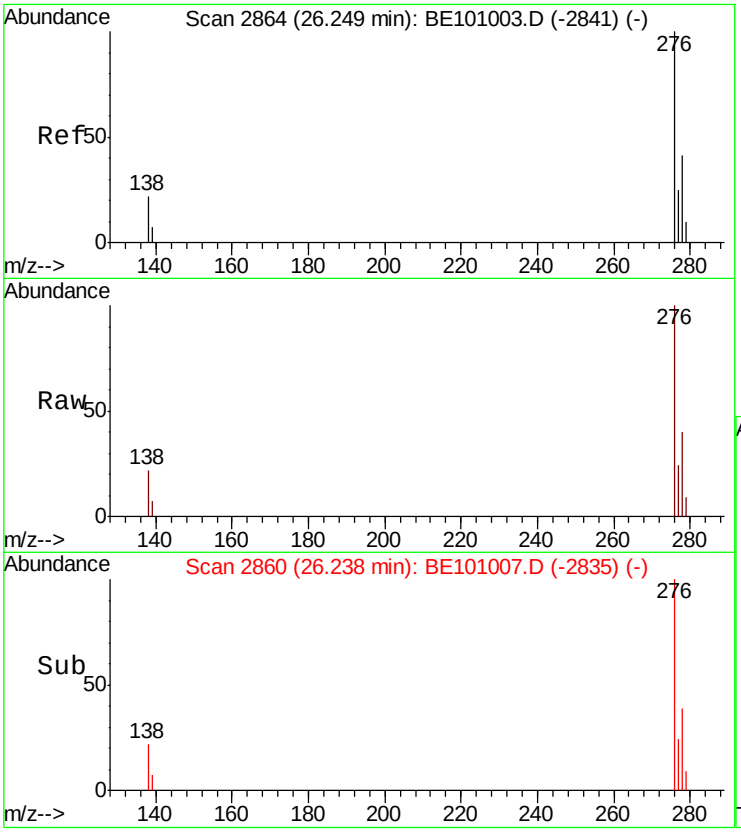


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.249 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:149 Resp: 699369

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.2	7.8
279	0.8	0.8	1.2



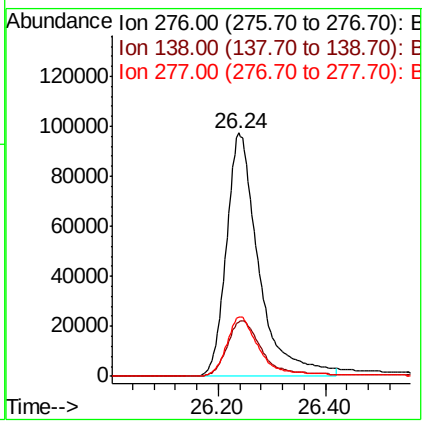


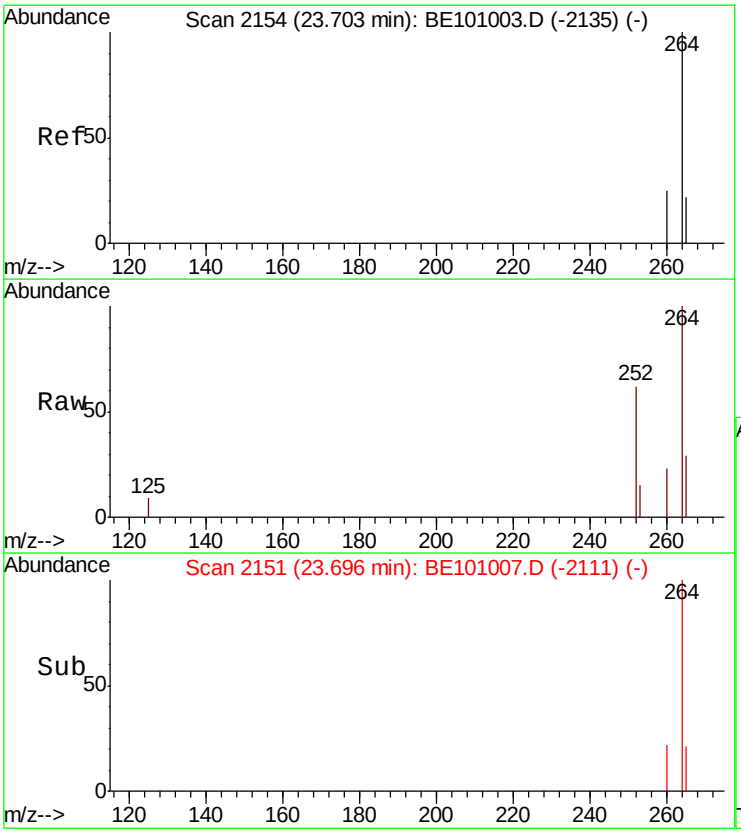
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.798 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 407341

Ion	Ratio	Lower	Upper
276	100		
138	24.8	16.1	24.1#
277	24.9	18.1	27.1

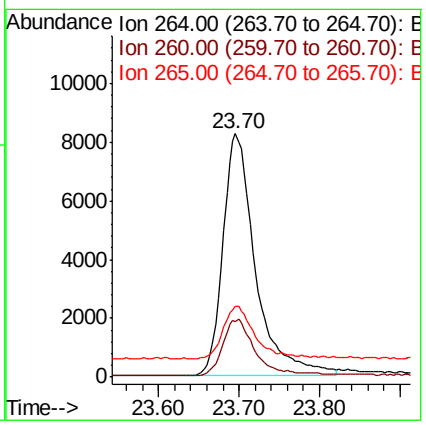


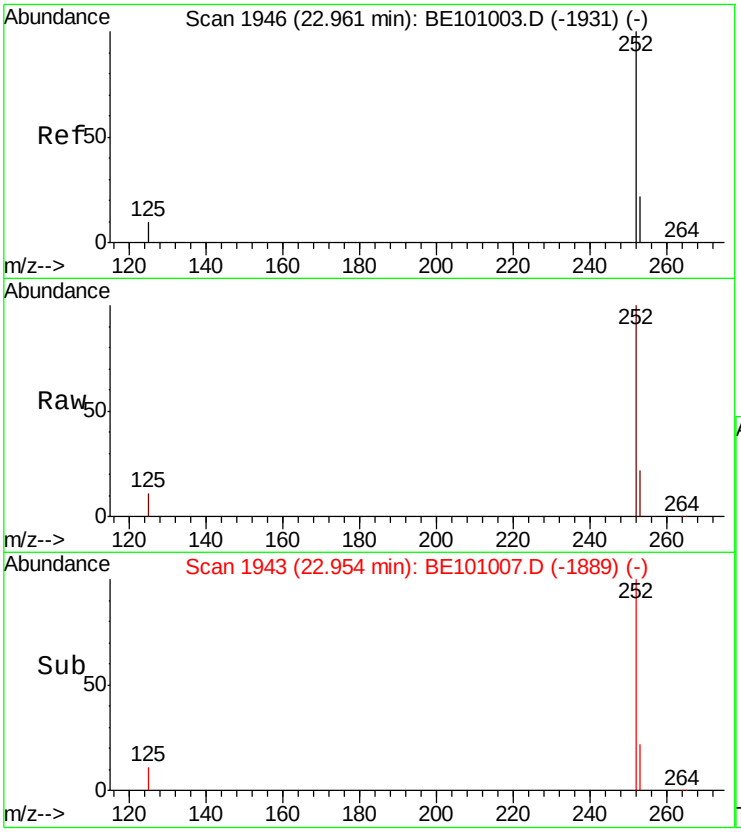


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:264 Resp: 23051

Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.3	30.5
265	28.9	27.0	40.4



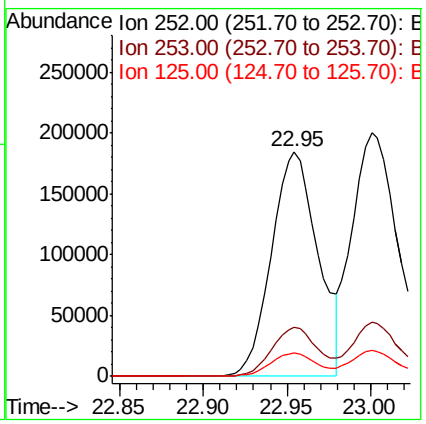


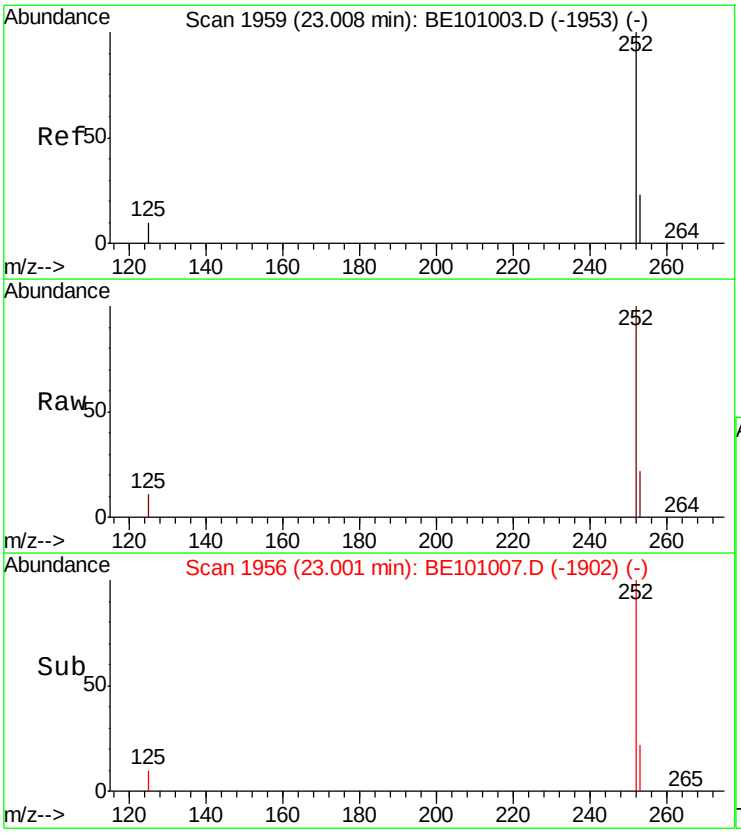
#35
Benzo(b)fluoranthene
Concen: 7.374 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 357821

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	10.6	9.5	14.3

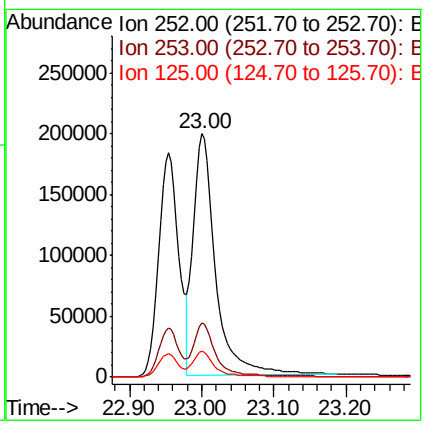


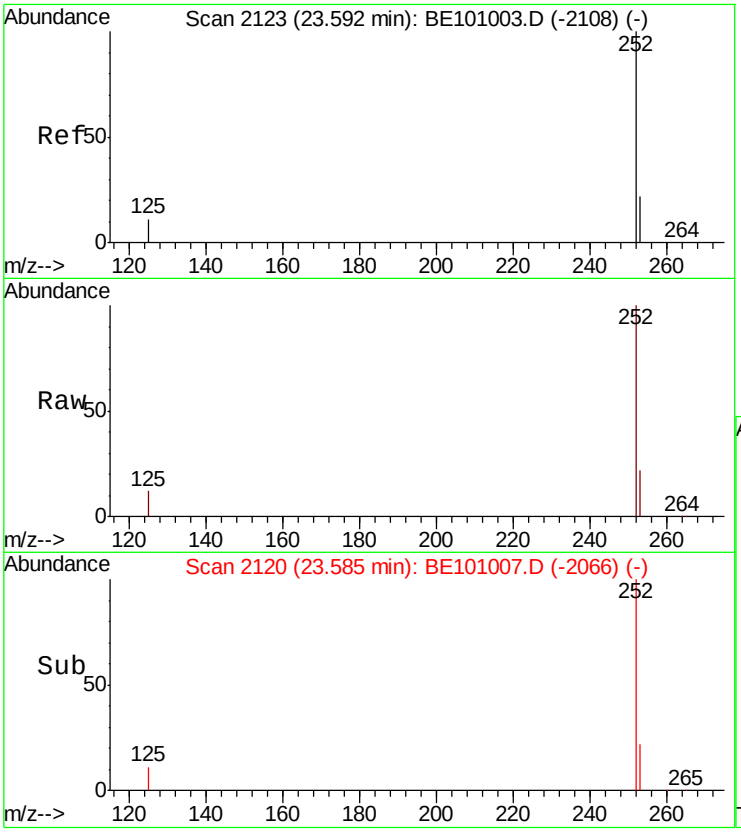


#36
Benzo(k)fluoranthene
Concen: 4.683 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:252 Resp: 430891

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	10.6	10.1	15.1



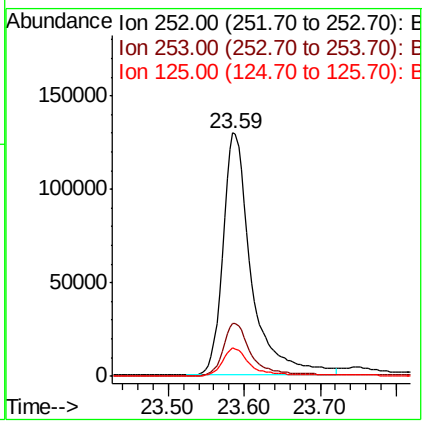


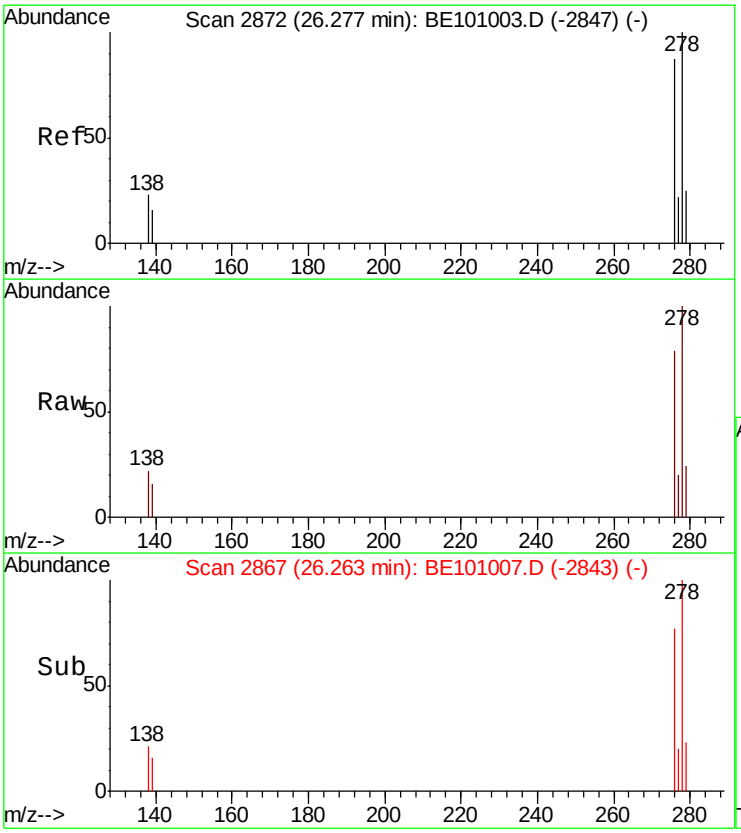
#37
Benzo(a)pyrene
Concen: 5.916 ng
RT: 23.59 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 335157

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.4	29.2
125	11.6	11.8	17.6#

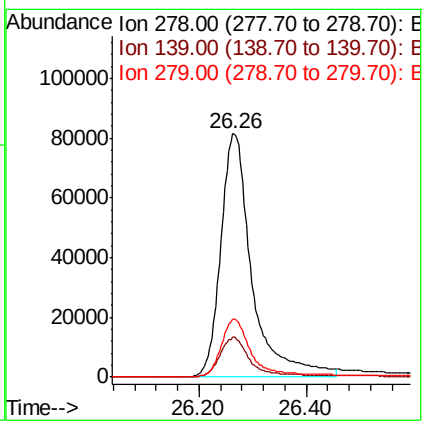


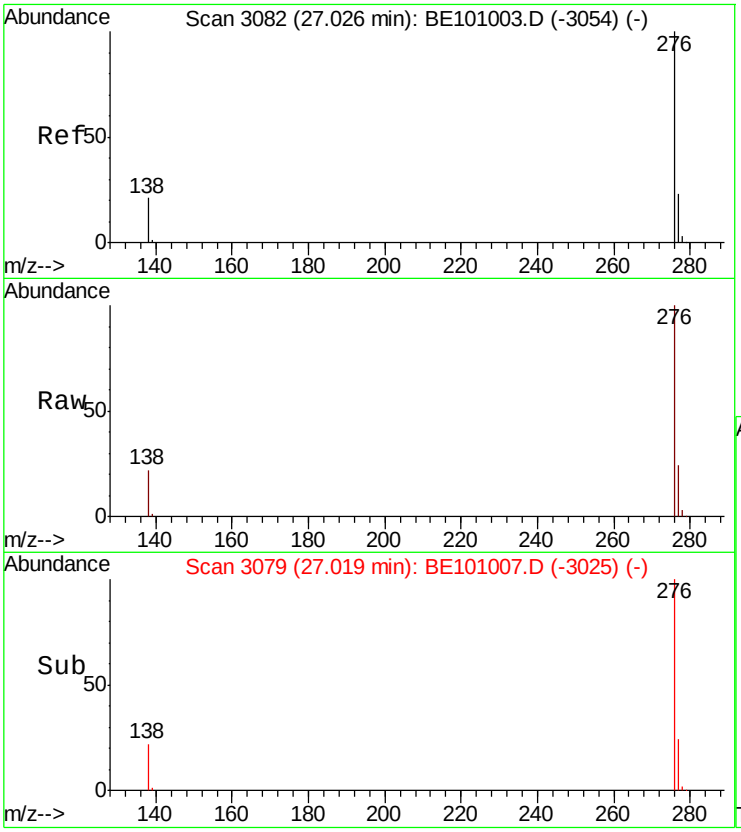


#38
Dibenzo(a,h)anthracene
Concen: 6.391 ng
RT: 26.26 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Tgt Ion:278 Resp: 328086

Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	23.6	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 5.857 ng
RT: 27.02 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BE101007.D
Acq: 8 Jan 2020 17:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 354163

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	21.8	17.9	26.9