Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101052.D
Acq On : 14 Jan 2020 15:22
Operator : JU
Sample : L1103-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 14 20:42:10 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	7.72	152	3930	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	16978	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	9091	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19316	0.40	ng		0.00
27) Chrysene-d12	21.27	240	21055	0.40	ng		-0.01
34) Perylene-d12	23.69	264	25253	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3166	0.36	ng		0.00
5) Phenol-d6	6.91	99	5212	0.47	ng		-0.01
8) Nitrobenzene-d5	8.87	82	3875	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	9402	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	657	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	13224	0.38	ng		-0.01
25) Fluoranthene-d10	19.12	212	84483	0.31	ng		-0.01
29) Terphenyl-d14	19.72	244	16071	0.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3250	0.317	ng	#	62
3) n-Nitrosodimethylamine	3.60	42	1808	0.331	ng	#	95
6) bis(2-Chloroethyl)ether	7.16	93	4273	0.321	ng		87
9) Naphthalene	10.55	128	74943	0.398	ng		100
10) Hexachlorobutadiene	10.85	225	2669	0.334	ng		97
12) 2-Methylnaphthalene	12.17	142	10538	0.370	ng		99
16) Acenaphthylene	14.07	152	15146	0.409	ng		99
17) Acenaphthene	14.41	154	9418	0.355	ng		100
18) Fluorene	15.39	166	11787	0.352	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	3386	0.359	ng		92
21) Hexachlorobenzene	16.40	284	3280	0.317	ng		97
22) Pentachlorophenol	16.75	266	424	0.367	ng		96
23) Phenanthrene	17.13	178	22765	0.432	ng		99
24) Anthracene	17.23	178	19468	0.391	ng		98
26) Fluoranthene	19.15	202	36032	0.545	ng		100
28) Pyrene	19.51	202	40252	0.514	ng		99
30) Benzo(a)anthracene	21.26	228	33651	0.560	ng		94
31) Chrysene	21.31	228	36036	0.404	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	69876	0.698	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	36357	0.515	ng		96
35) Benzo(b)fluoranthene	22.95	252	36452	0.515	ng		99
36) Benzo(k)fluoranthene	22.95	252	36452	0.355	ng		99
37) Benzo(a)pyrene	23.58	252	34128	0.498	ng		98
38) Dibenzo(a,h)anthracene	26.25	278	21810	0.346	ng		96
39) Benzo(g,h,i)perylene	27.00	276	34960	0.451	ng		99

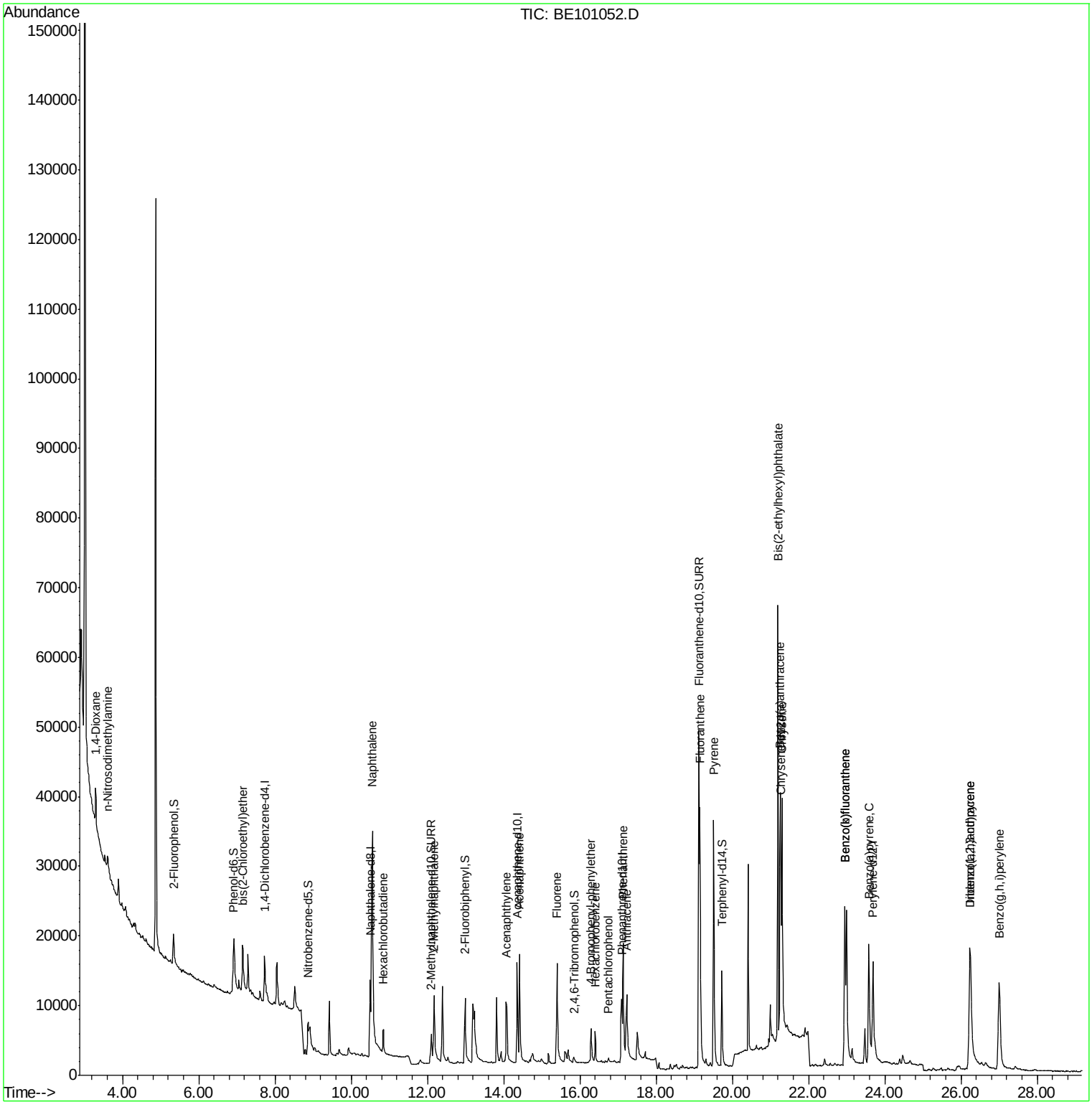
(#) = qualifier out of range (m) = manual integration (+) = signals summed

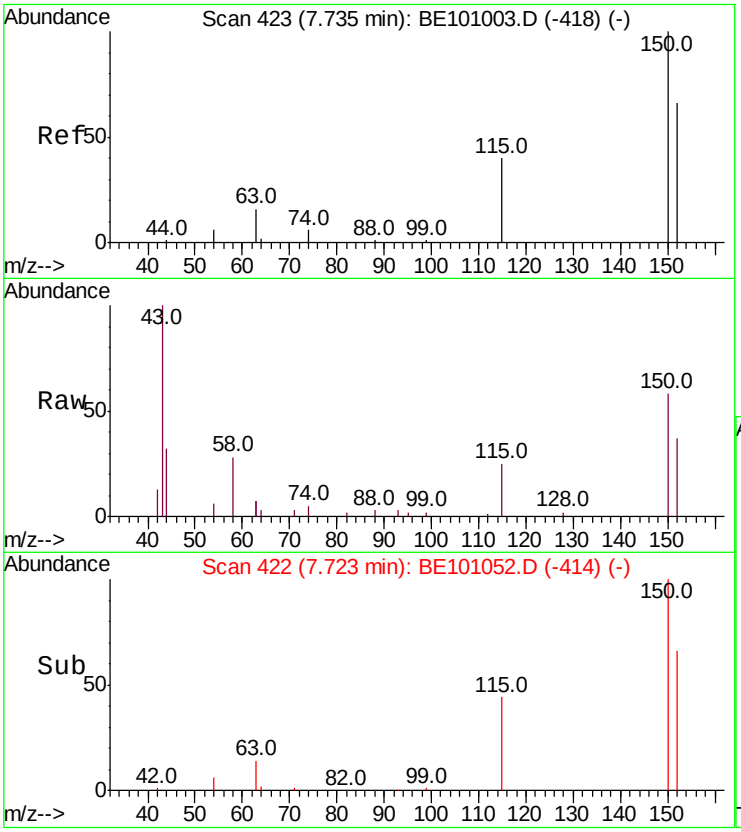
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
Data File : BE101052.D
Acq On : 14 Jan 2020 15:22
Operator : JU
Sample : L1103-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 14 20:42:10 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



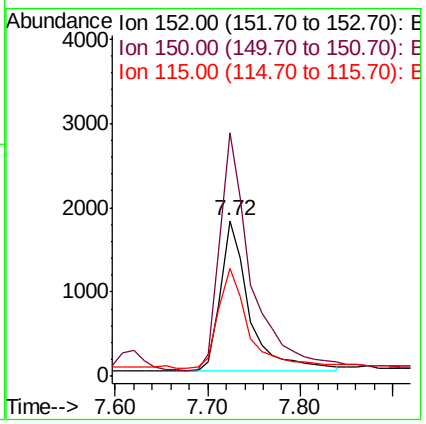


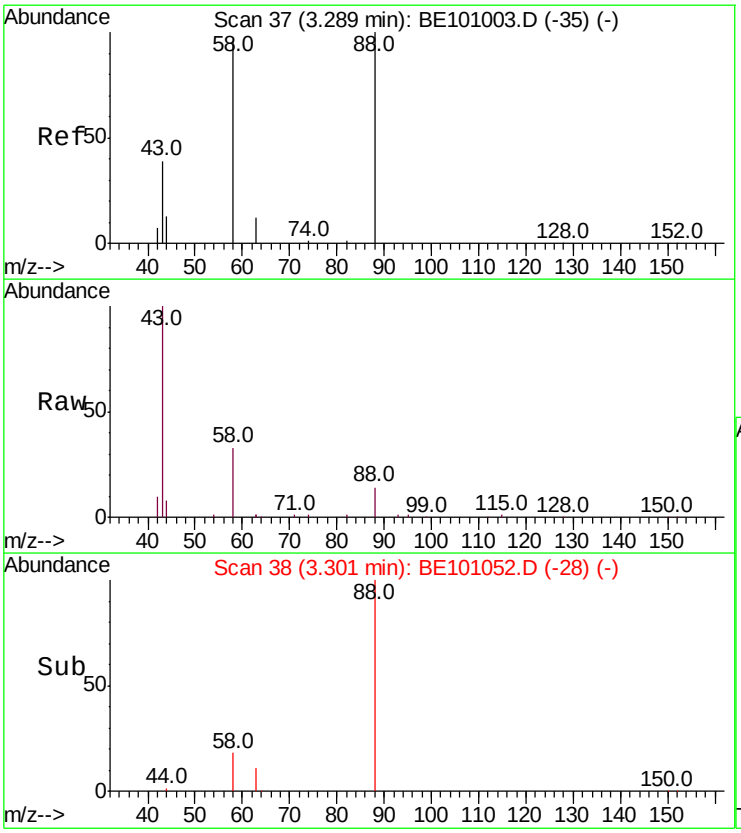
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3930

Ion	Ratio	Lower	Upper
152	100		
150	156.4	120.3	180.5
115	69.3	51.7	77.5

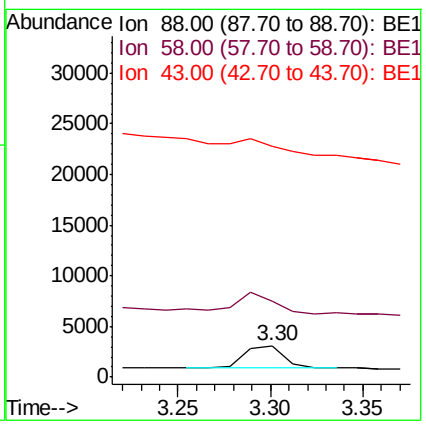


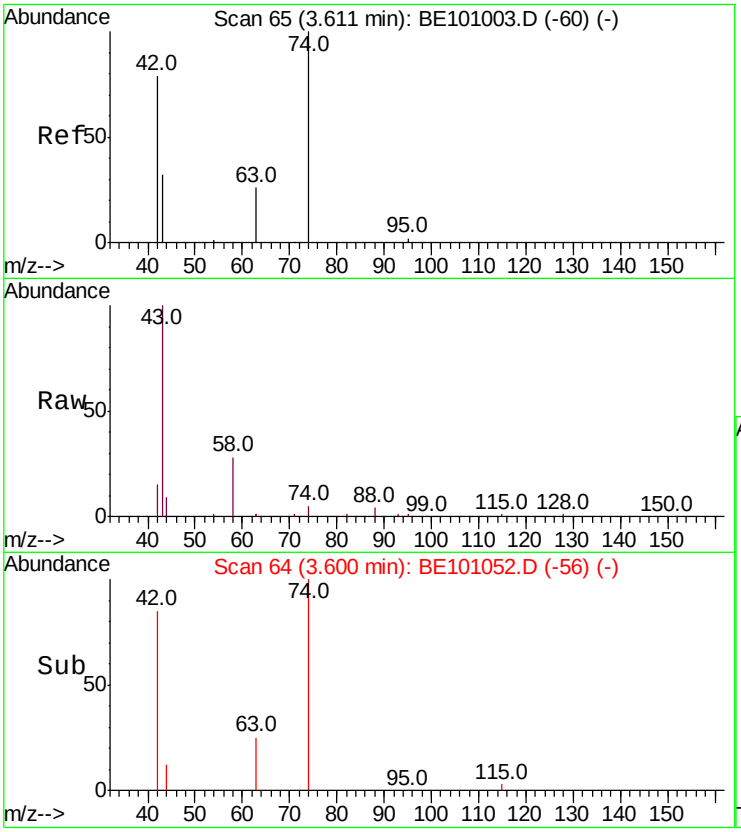


#2
1,4-Dioxane
Concen: 0.317 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion: 88 Resp: 3250

Ion	Ratio	Lower	Upper
88	100		
58	90.2	53.0	79.4#
43	0.0	23.4	35.2#



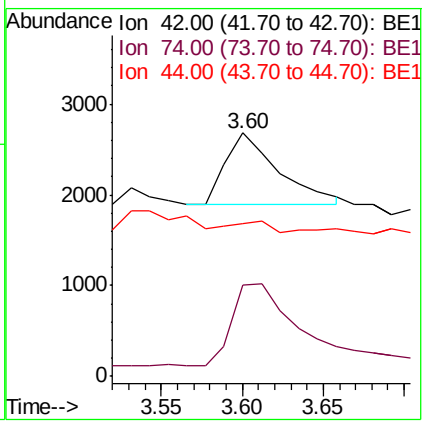


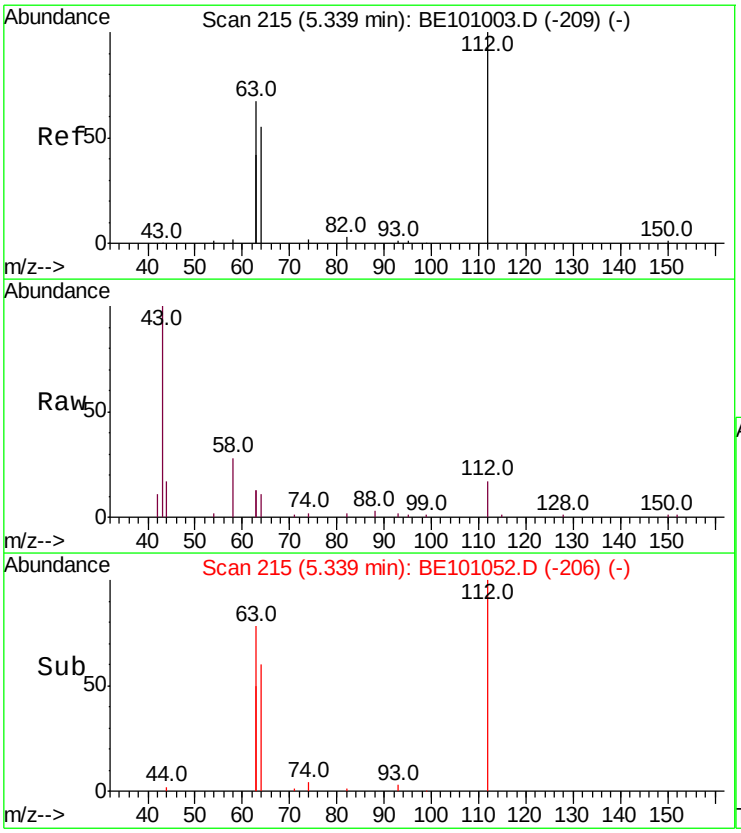
#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1808

Ion	Ratio	Lower	Upper
42	100		
74	136.3	105.7	158.5
44	6.5	10.0	15.0#

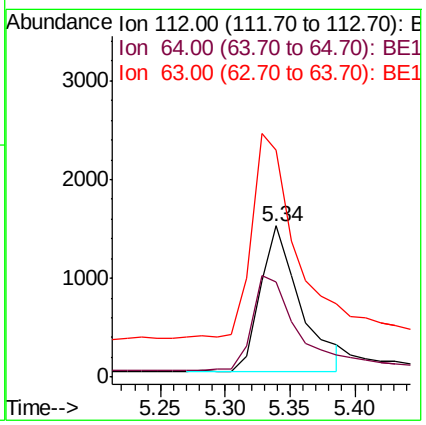


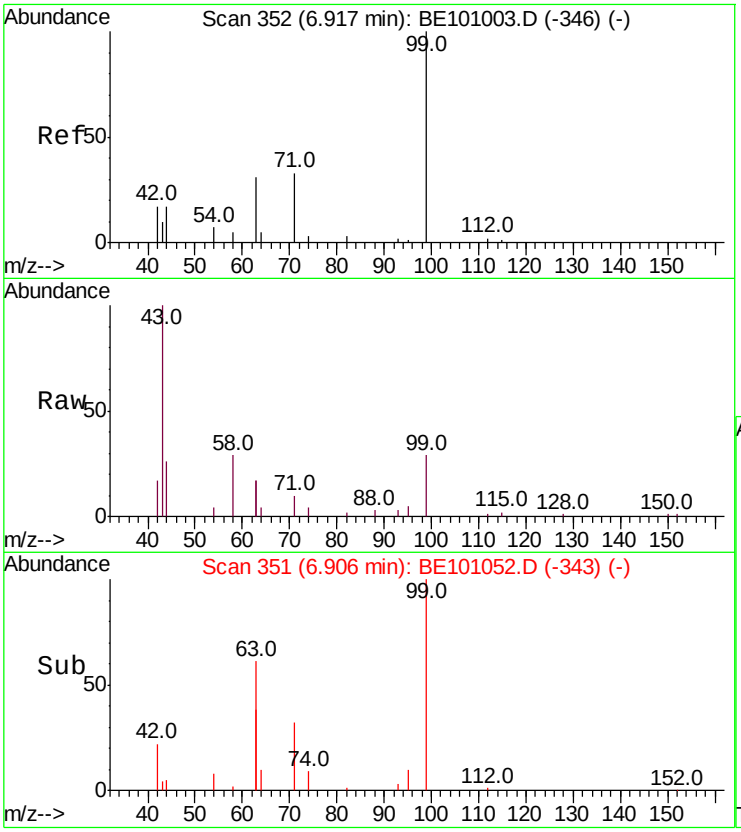


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:112 Resp: 3166

Ion	Ratio	Lower	Upper
112	100		
64	72.4	53.6	80.4
63	152.1	114.6	172.0



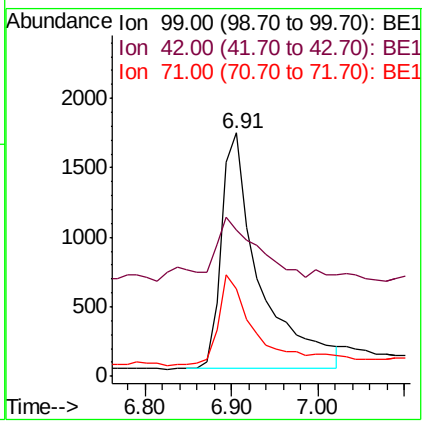


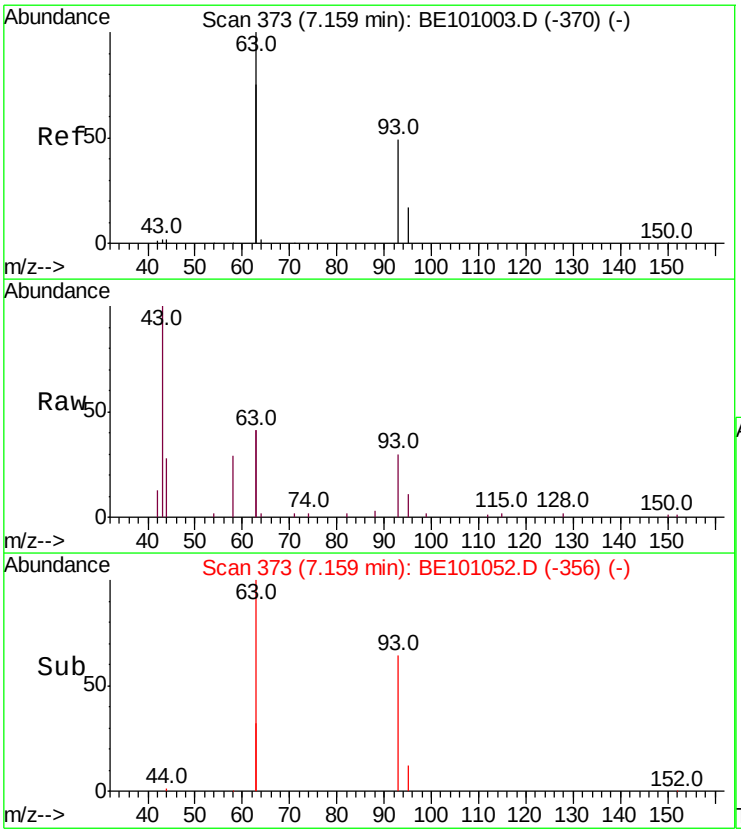
#5
Phenol-d6
Concen: 0.466 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5212

Ion	Ratio	Lower	Upper
99	100		
42	26.2	18.3	27.5
71	39.2	28.0	42.0

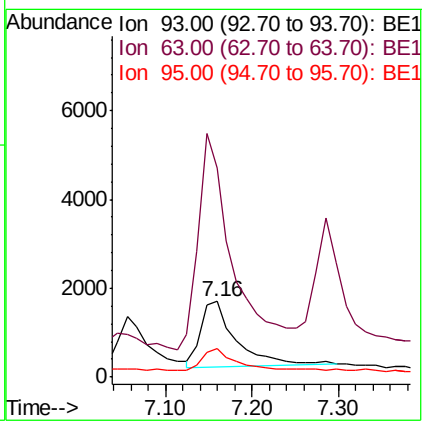


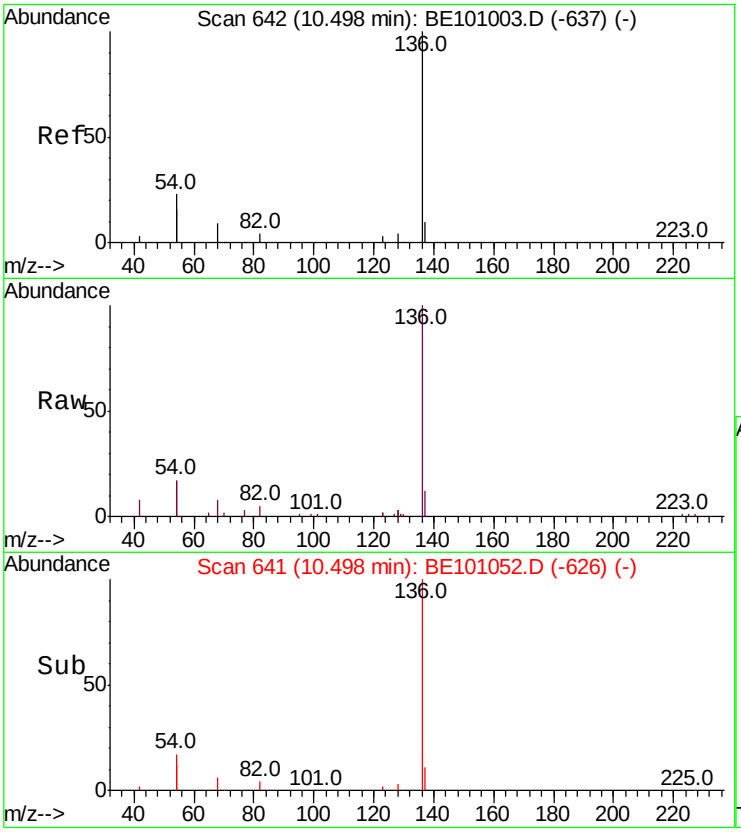


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion: 93 Resp: 4273

Ion	Ratio	Lower	Upper
93	100		
63	318.1	233.9	350.9
95	33.5	23.5	35.3



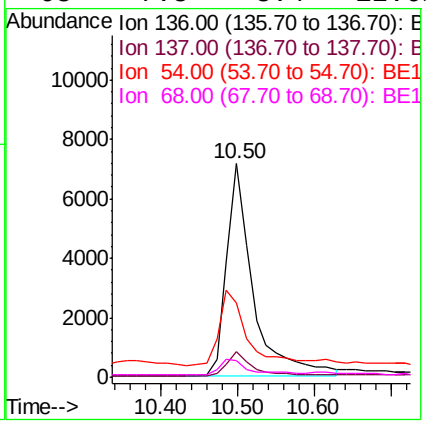


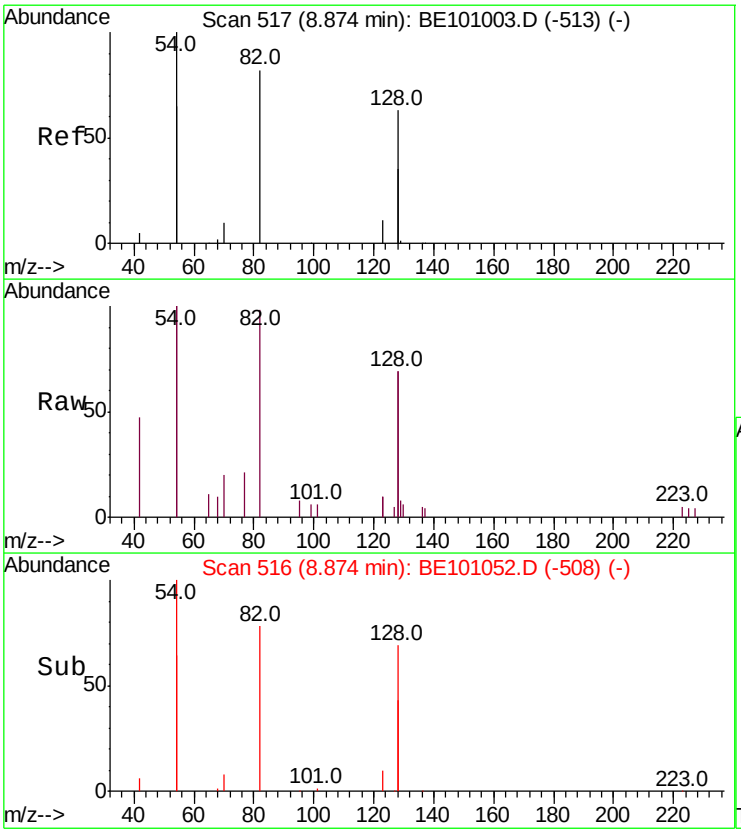
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16978

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	34.5	36.8	55.2#
68	7.8	8.4	12.6#

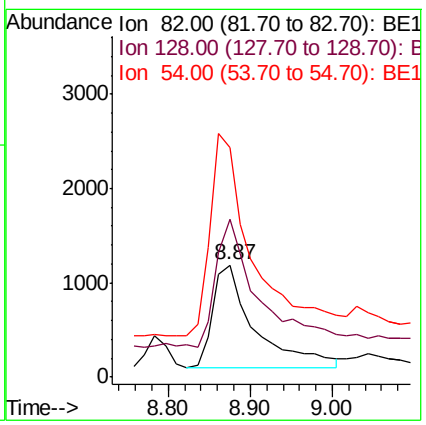


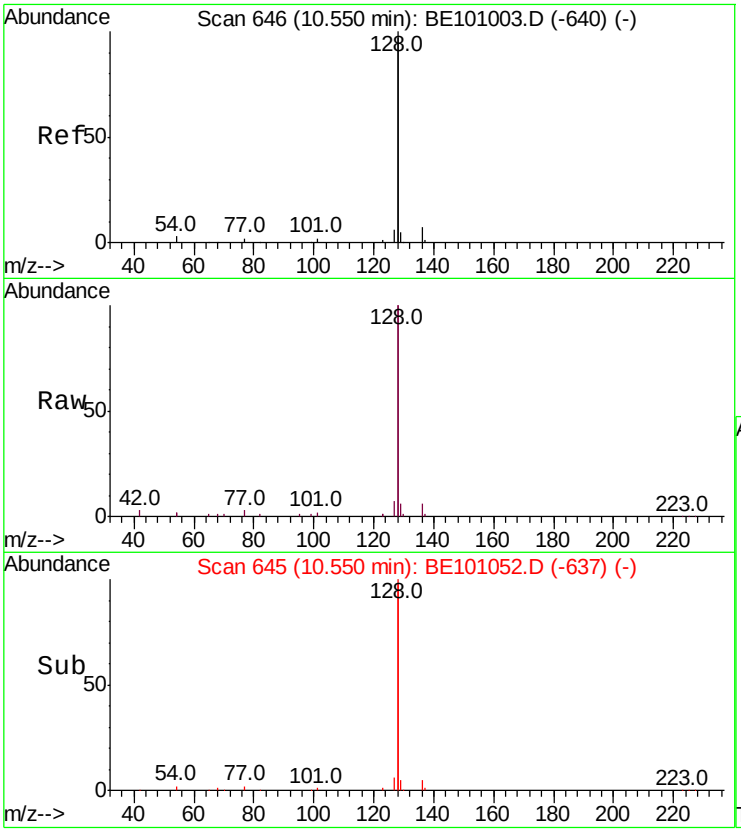


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.87 min Scan# 516
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion: 82 Resp: 3875

Ion	Ratio	Lower	Upper
82	100		
128	141.4	109.8	164.6
54	204.9	174.5	261.7



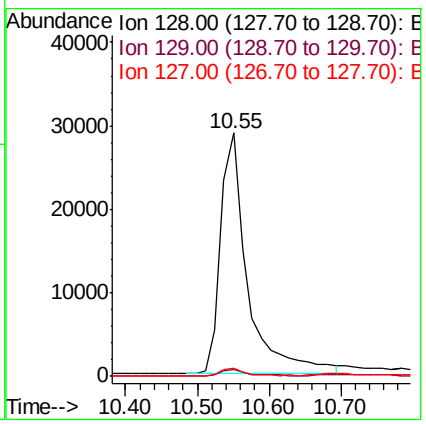


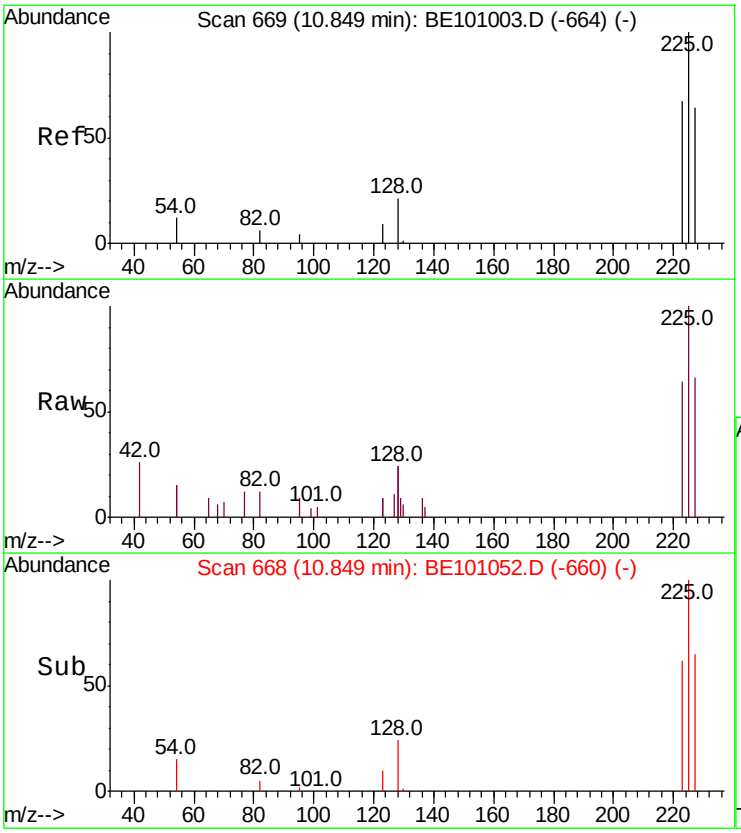
#9
Naphthalene
Concen: 0.398 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 74943

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.4	2.7	4.1

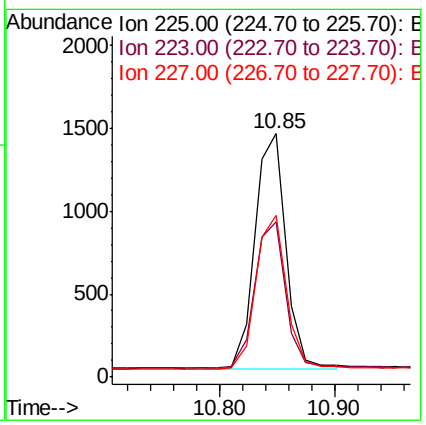


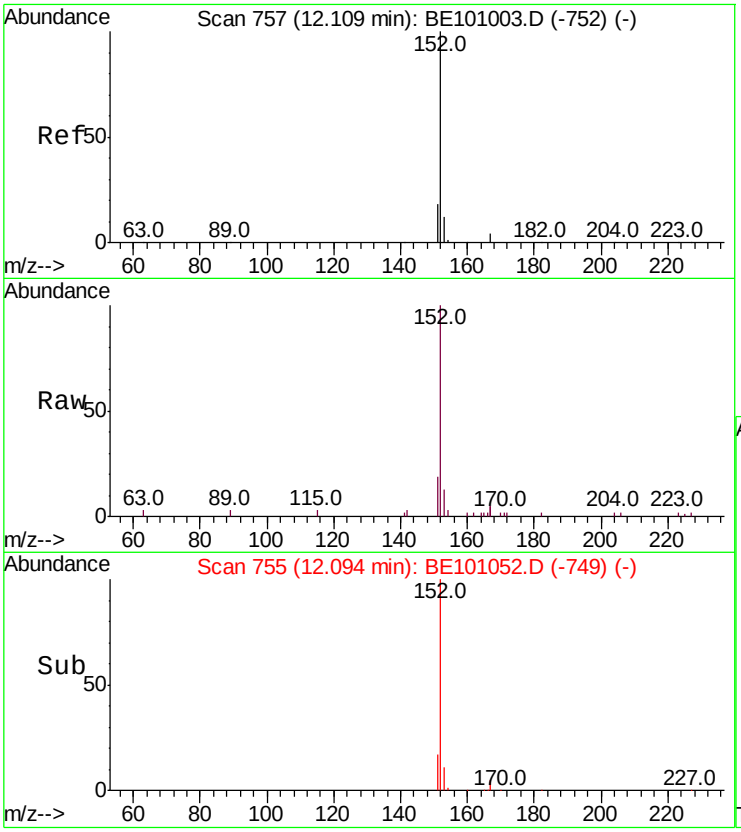


#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 10.85 min Scan# 668
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:225 Resp: 2669

Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.4
227	64.1	49.9	74.9



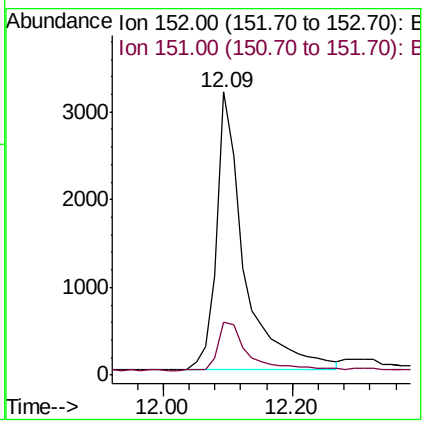


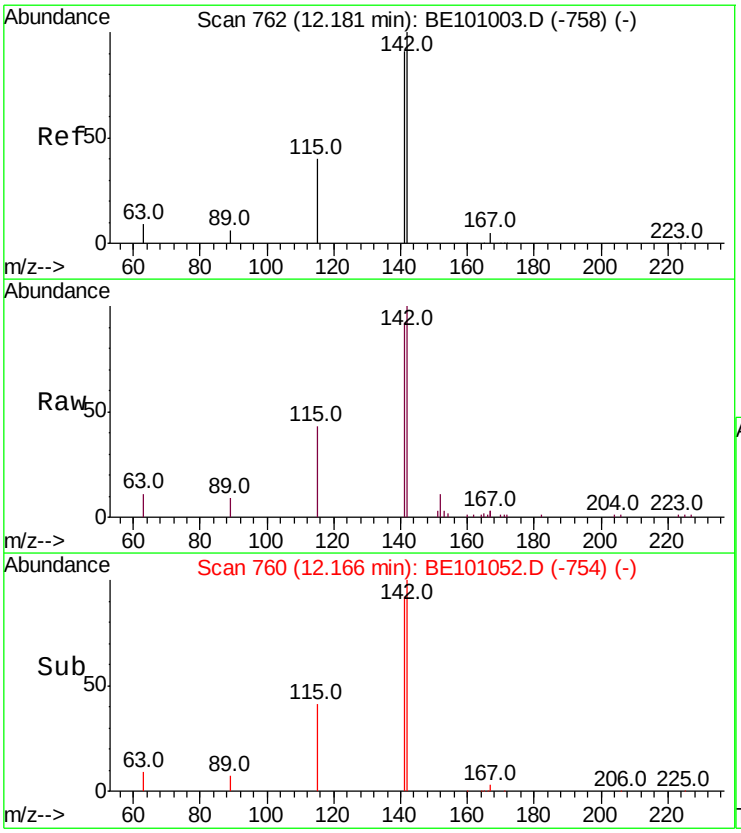
#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9402

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.6

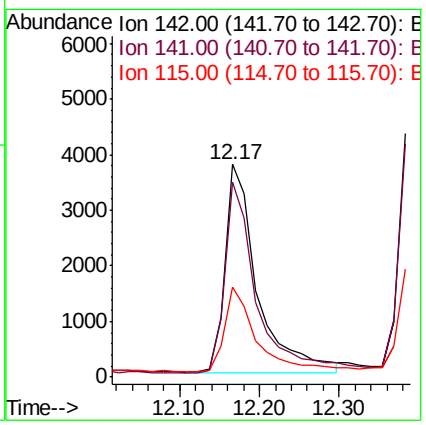


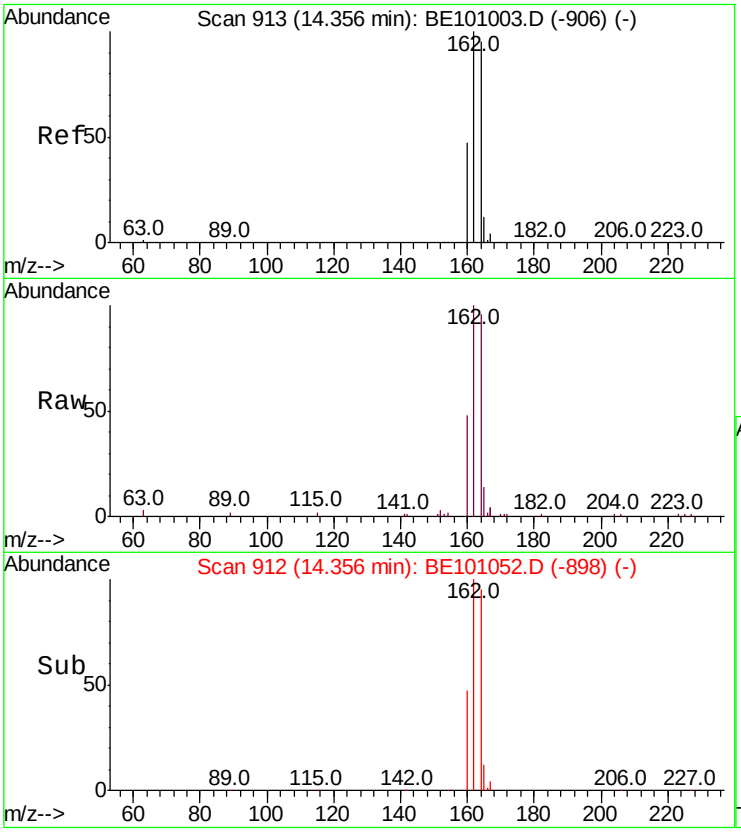


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:142 Resp: 10538

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.5	108.7
115	42.7	33.0	49.6



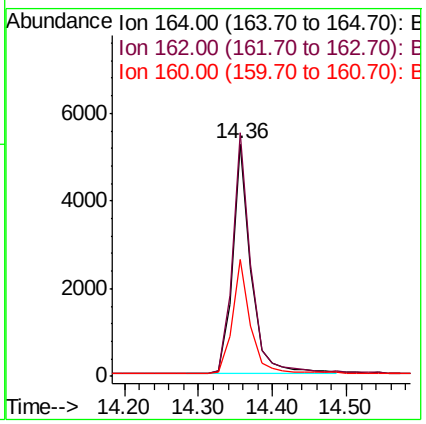


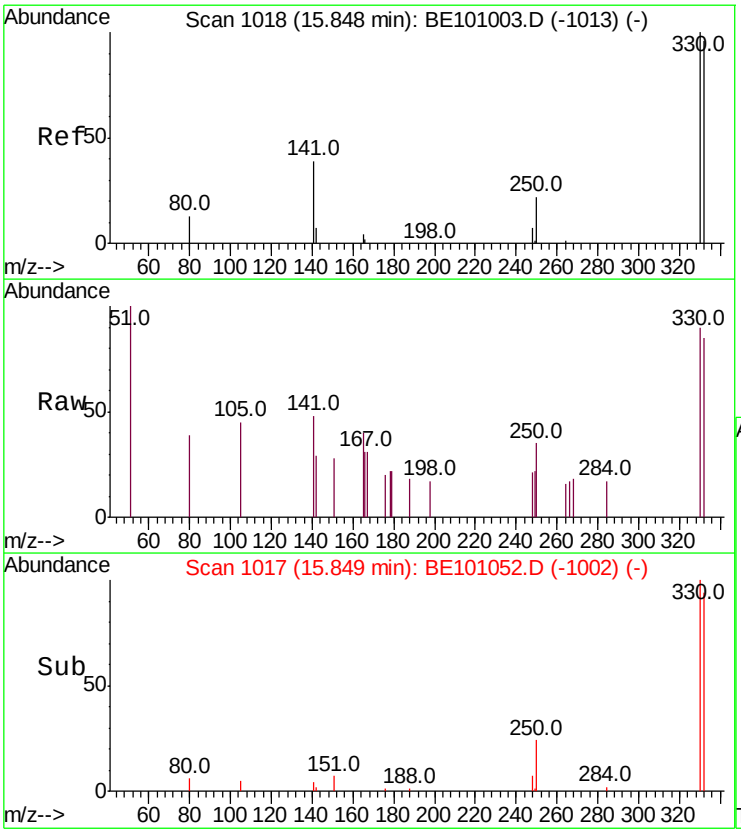
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9091

Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.1	126.1
160	50.0	40.4	60.6

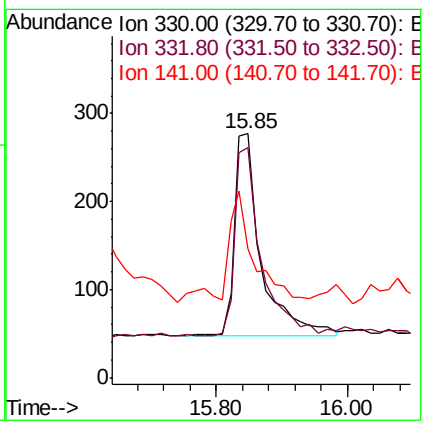


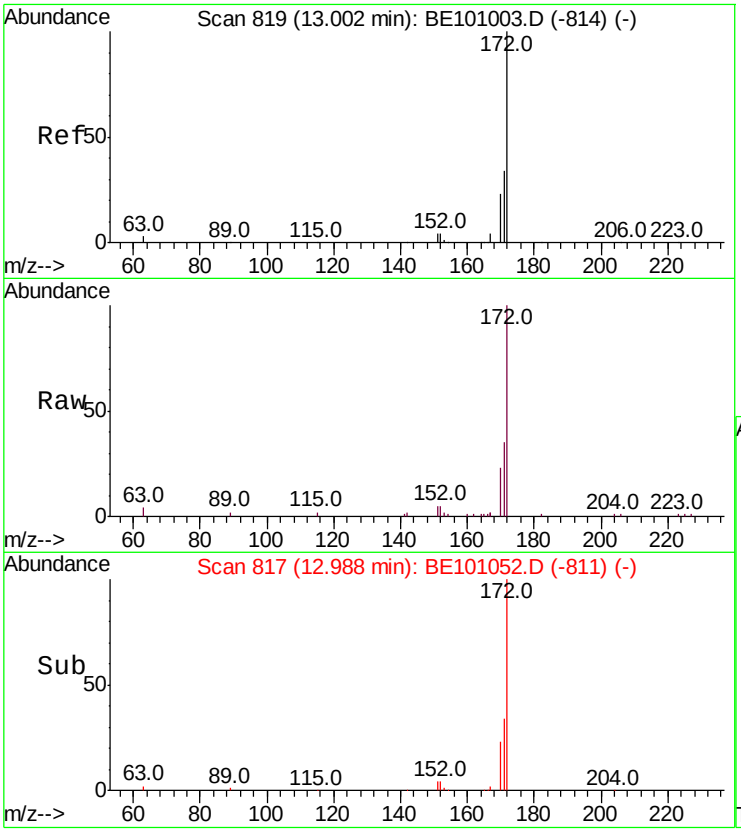


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:330 Resp: 657

Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	45.8	37.0	55.4



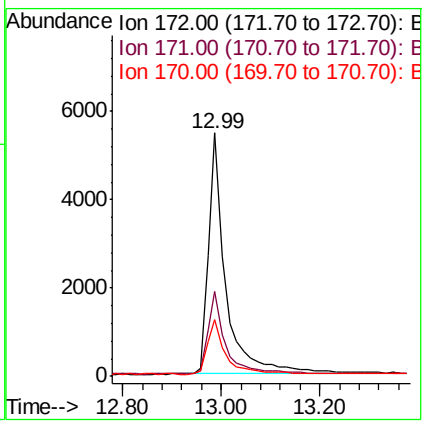


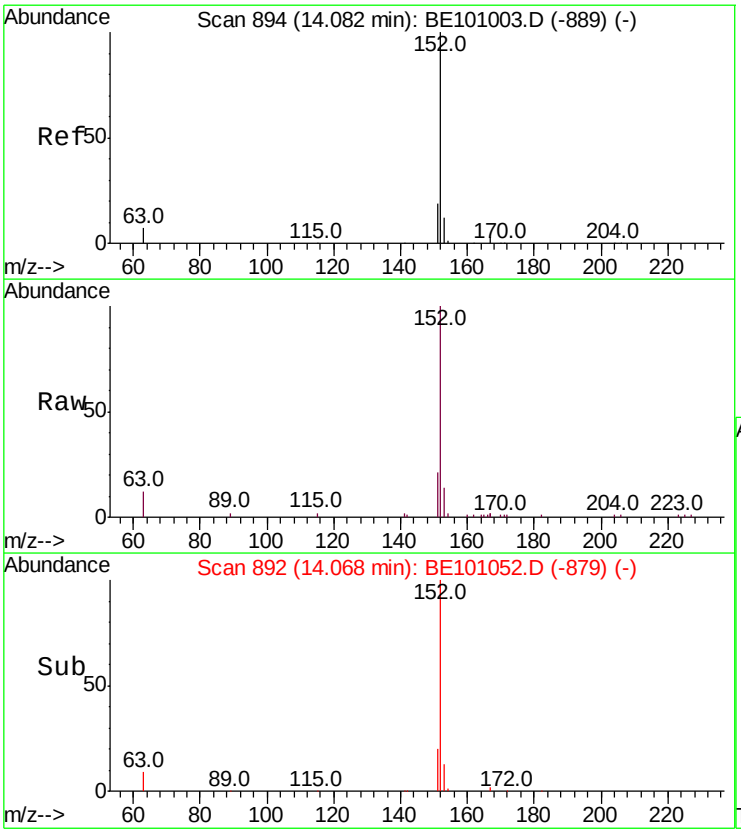
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13224

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.3	18.9	28.3

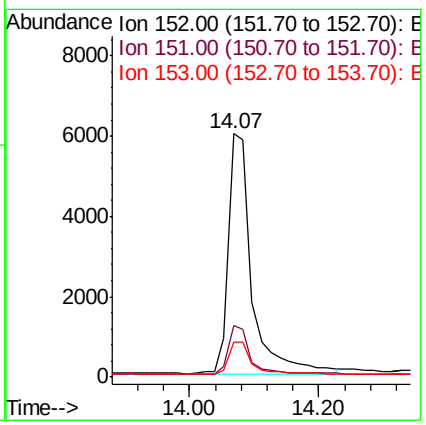


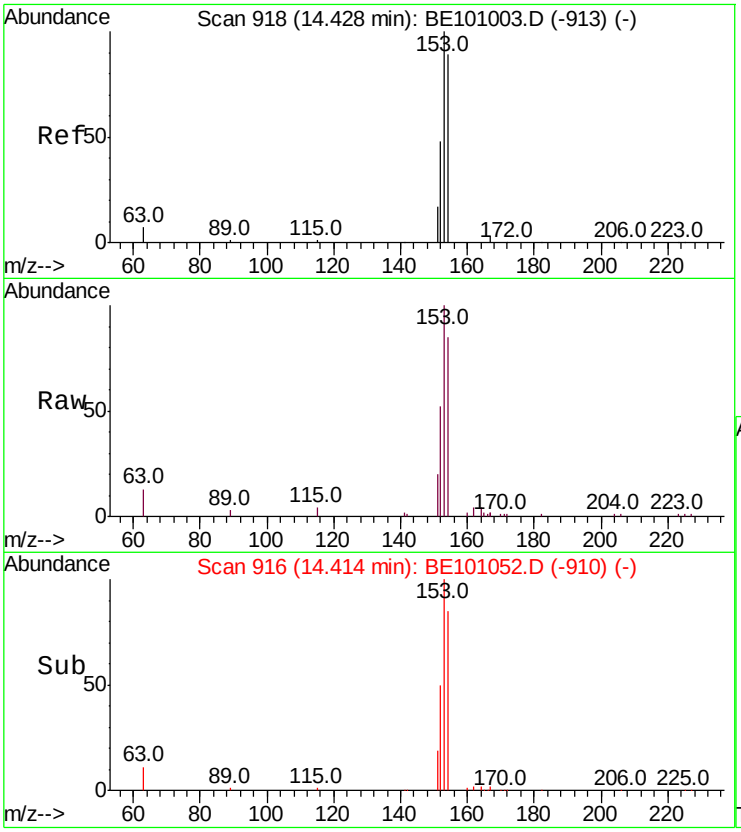


#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:152 Resp: 15146

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.7	10.4	15.6



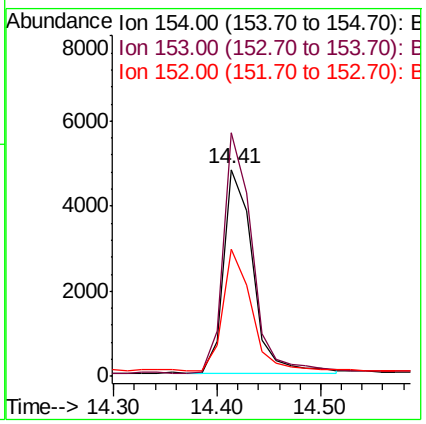


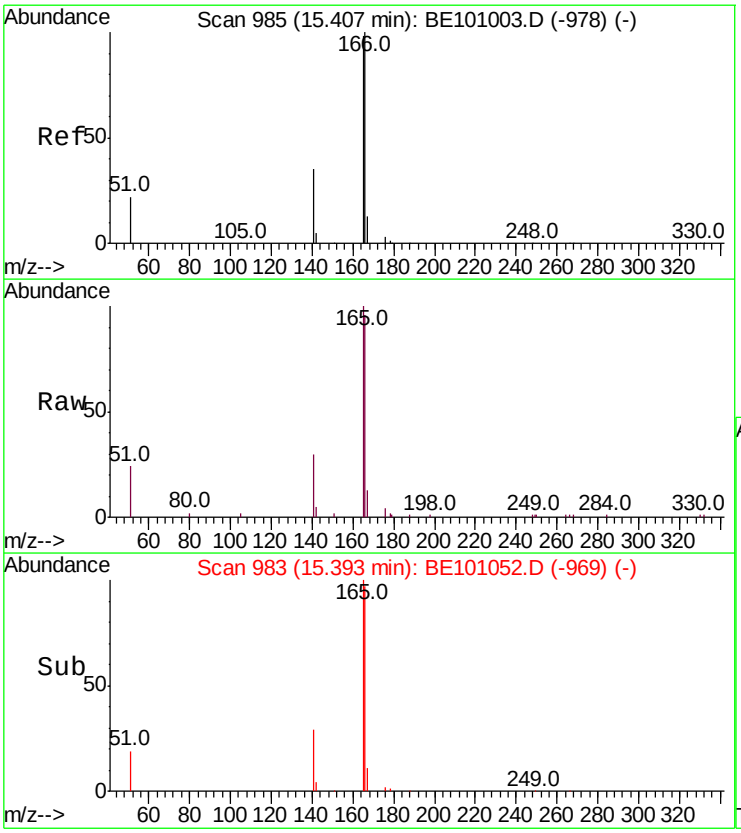
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9418

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.6	140.4
152	58.1	46.3	69.5

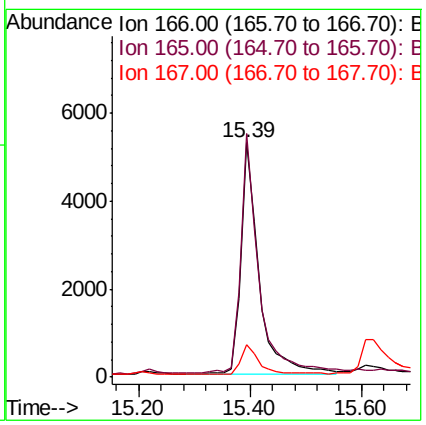


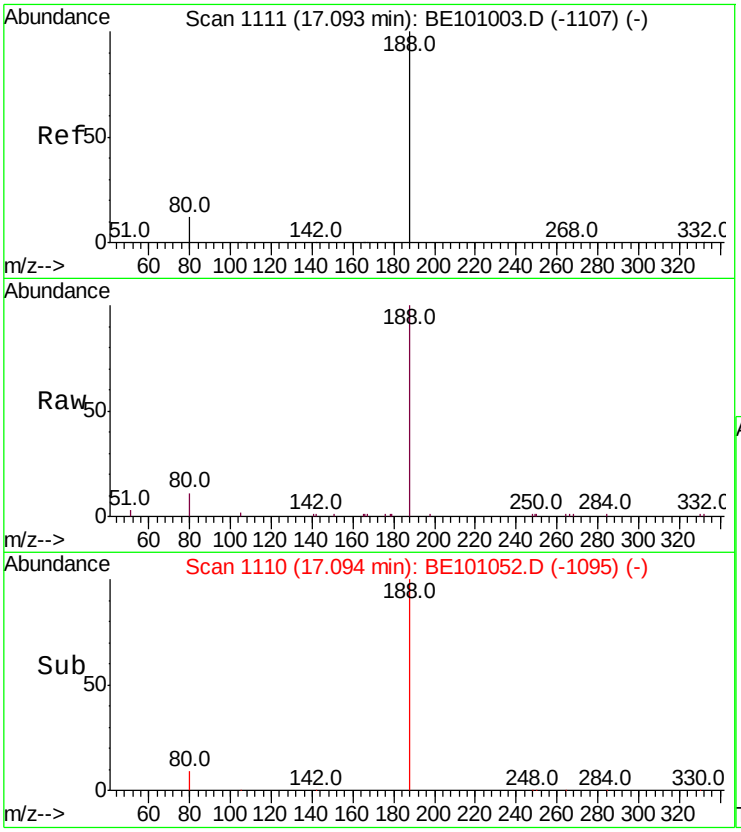


#18
Fluorene
Concen: 0.352 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:166 Resp: 11787

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.5	11.0	16.6



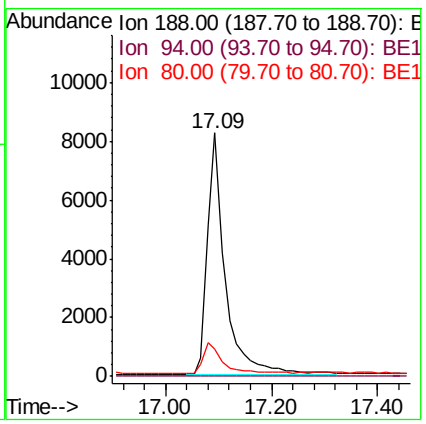


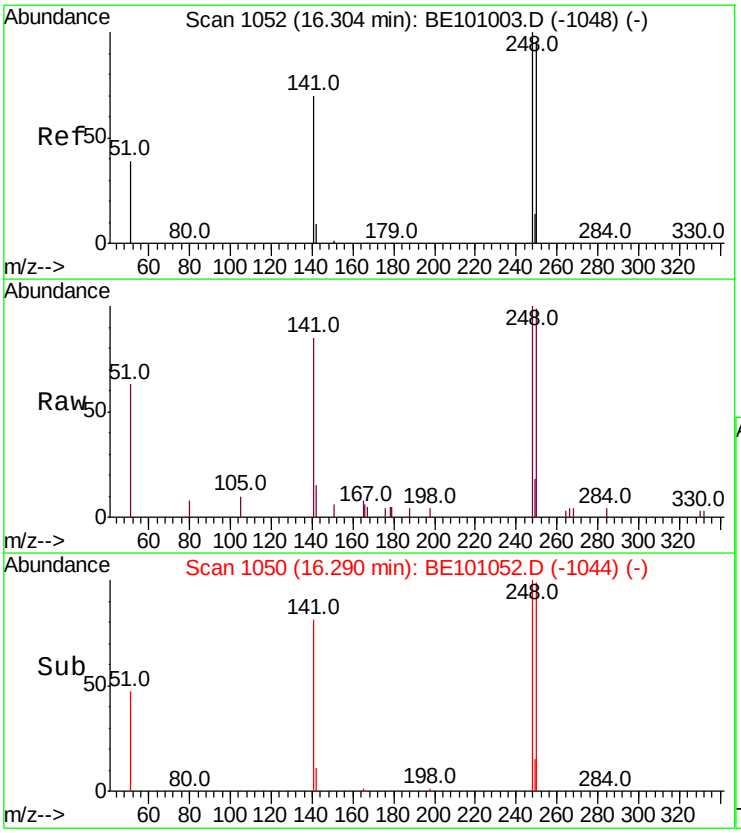
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19316

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	10.8	16.2

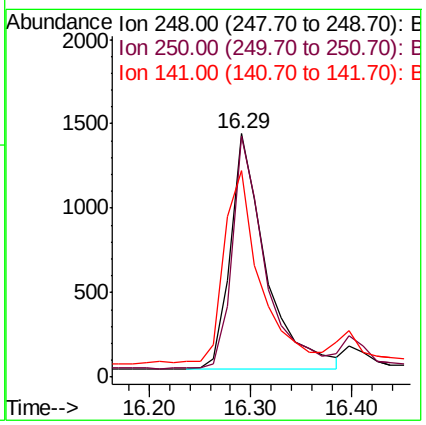


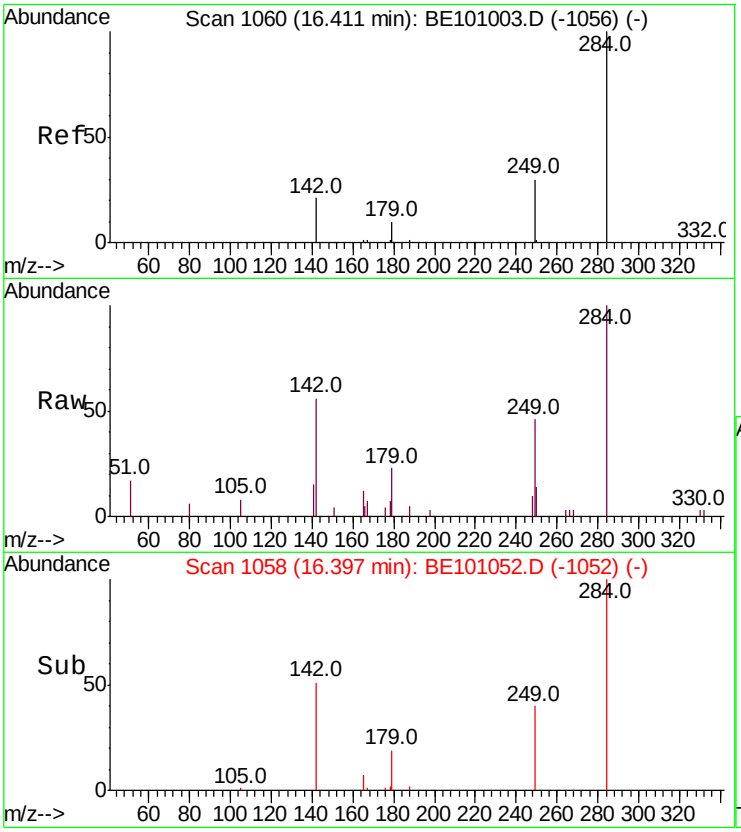


#20
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:248 Resp: 3386

Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.6	115.0
141	85.0	57.7	86.5



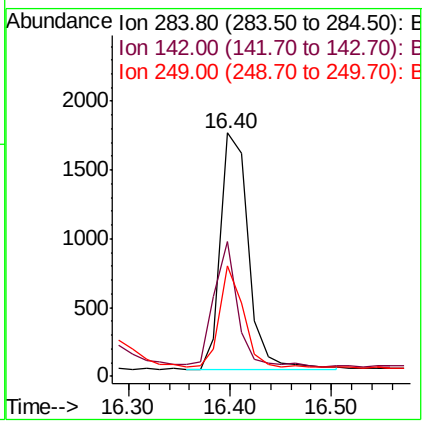


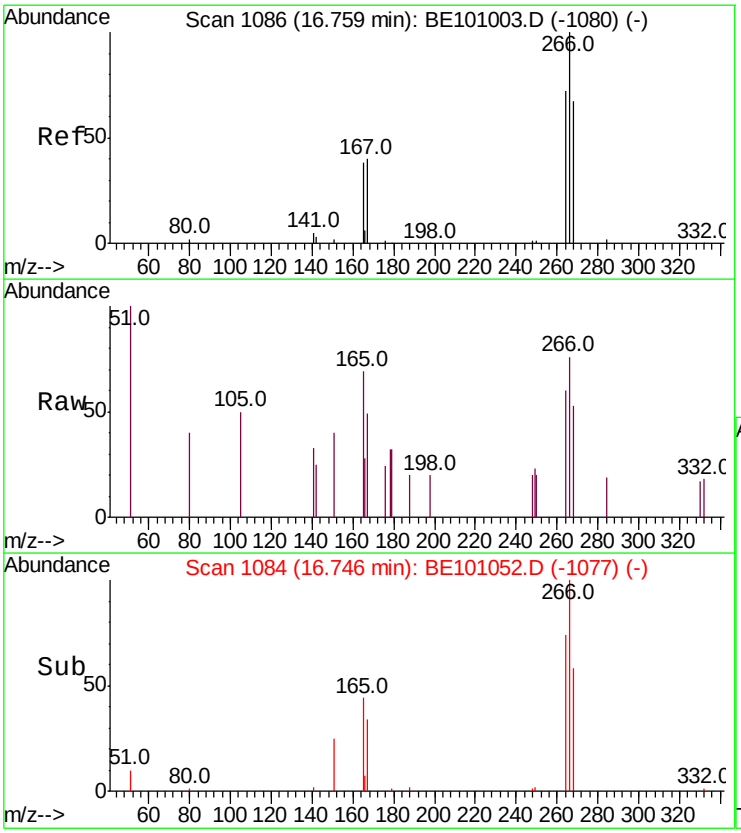
#21
Hexachlorobenzene
Concen: 0.317 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3280

Ion	Ratio	Lower	Upper
284	100		
142	45.0	34.0	51.0
249	36.3	28.2	42.4

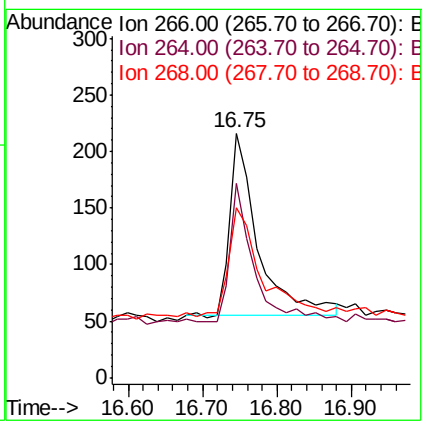


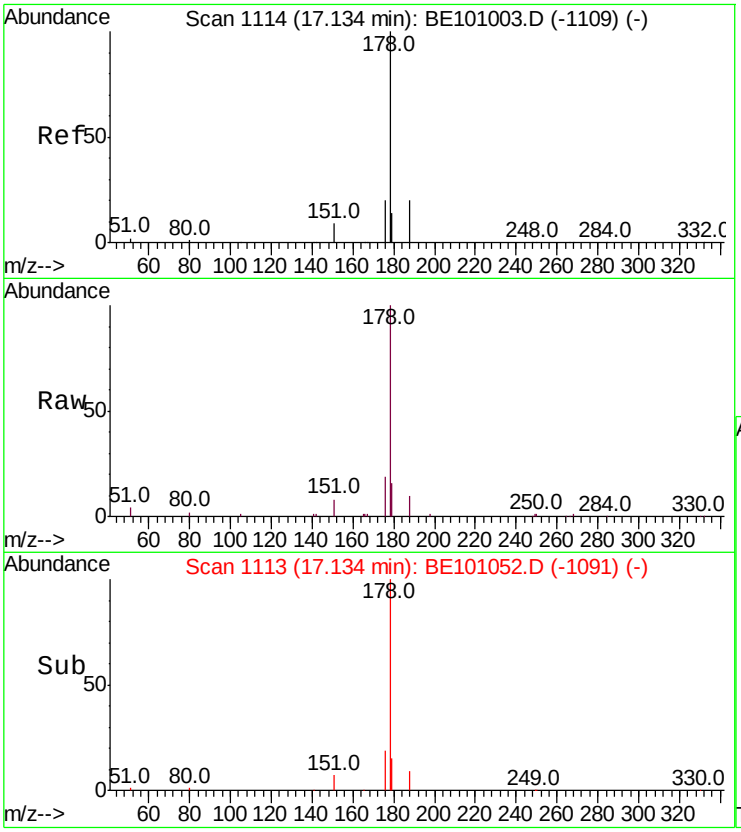


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:266 Resp: 424

Ion	Ratio	Lower	Upper
266	100		
264	79.6	61.0	91.4
268	69.4	58.5	87.7



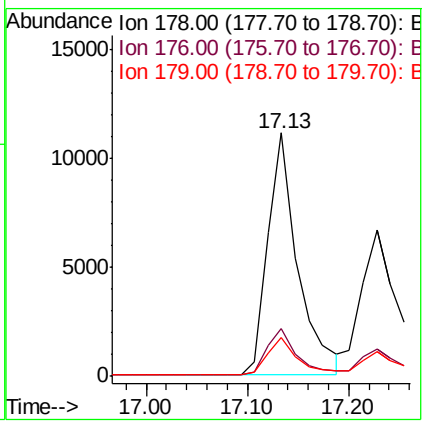


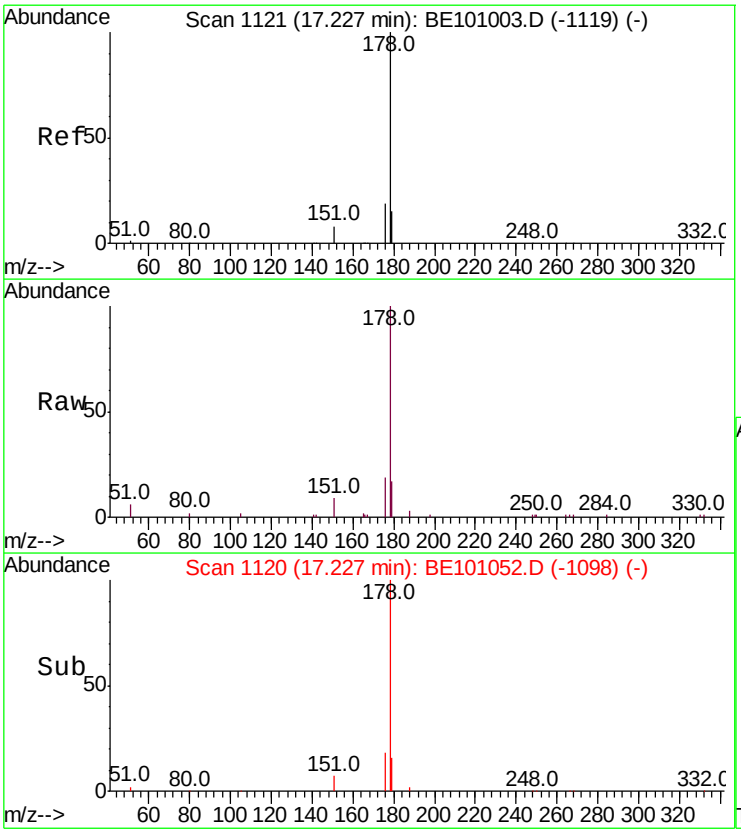
#23
Phenanthrene
Concen: 0.432 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 22765

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.4	12.0	18.0

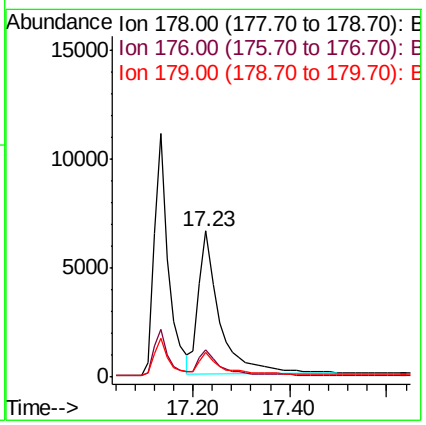


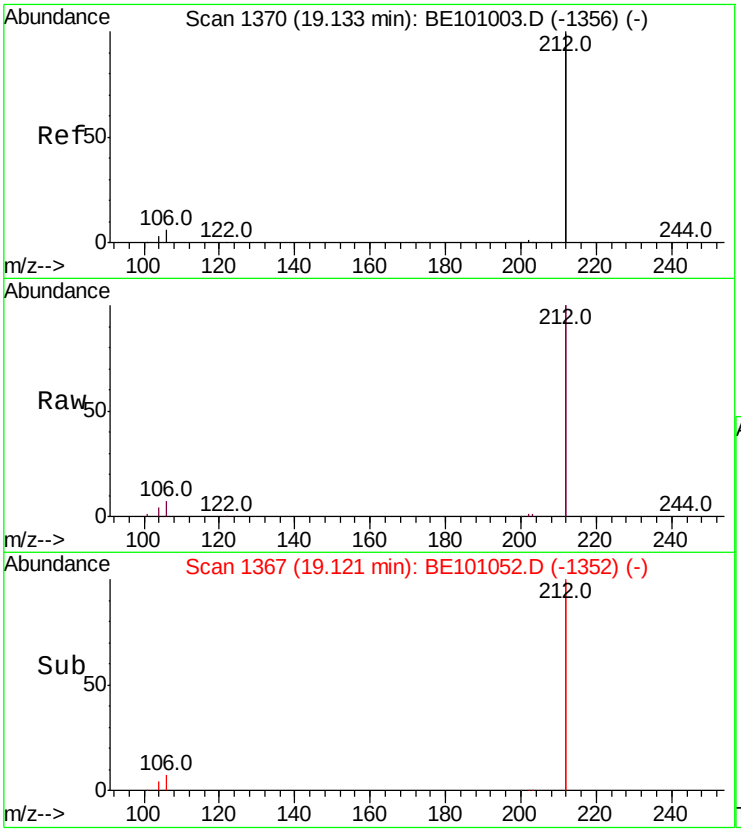


#24
Anthracene
Concen: 0.391 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:178 Resp: 19468

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	13.8	12.4	18.6



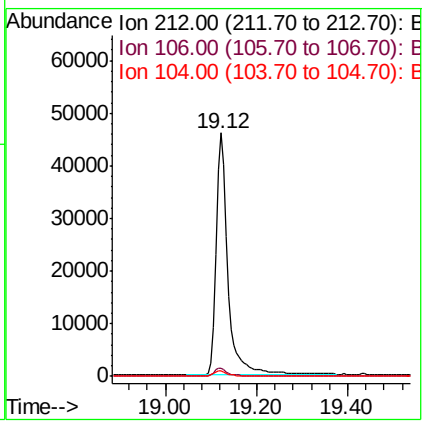


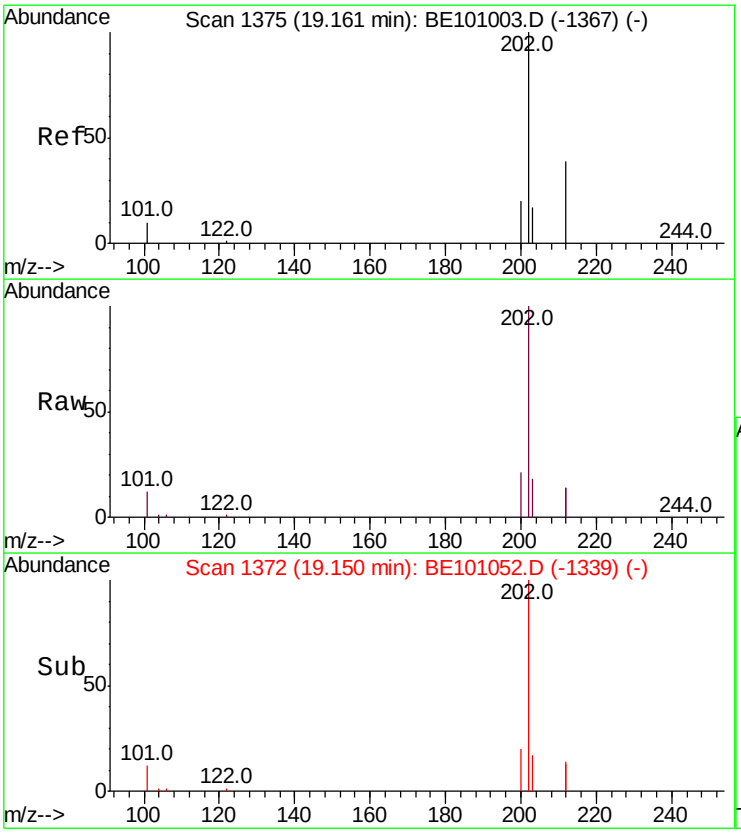
#25
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 84483

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	2.0	1.4	2.0

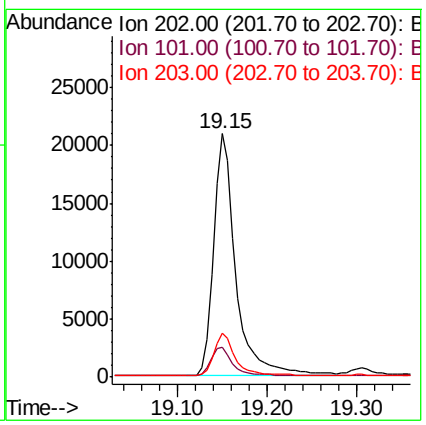


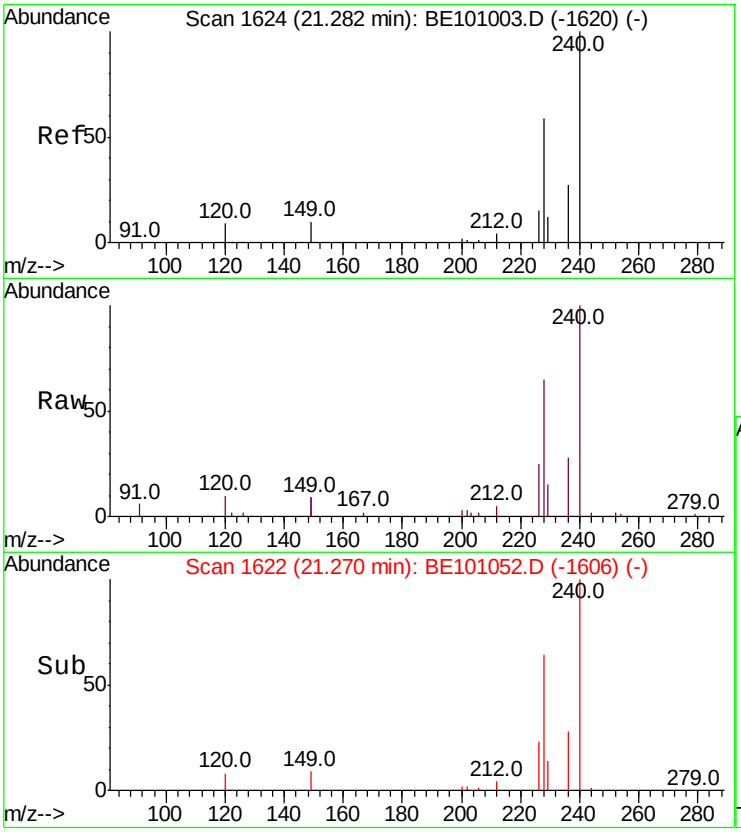


#26
Fluoranthene
Concen: 0.545 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:202 Resp: 36032

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.1	13.8	20.6



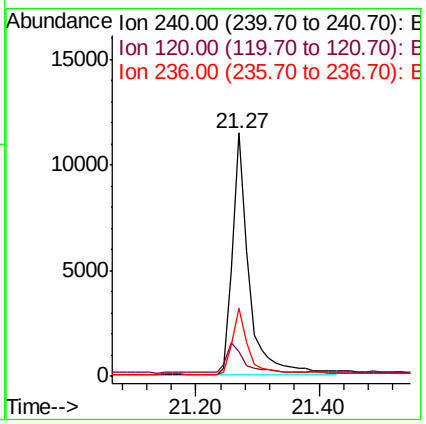


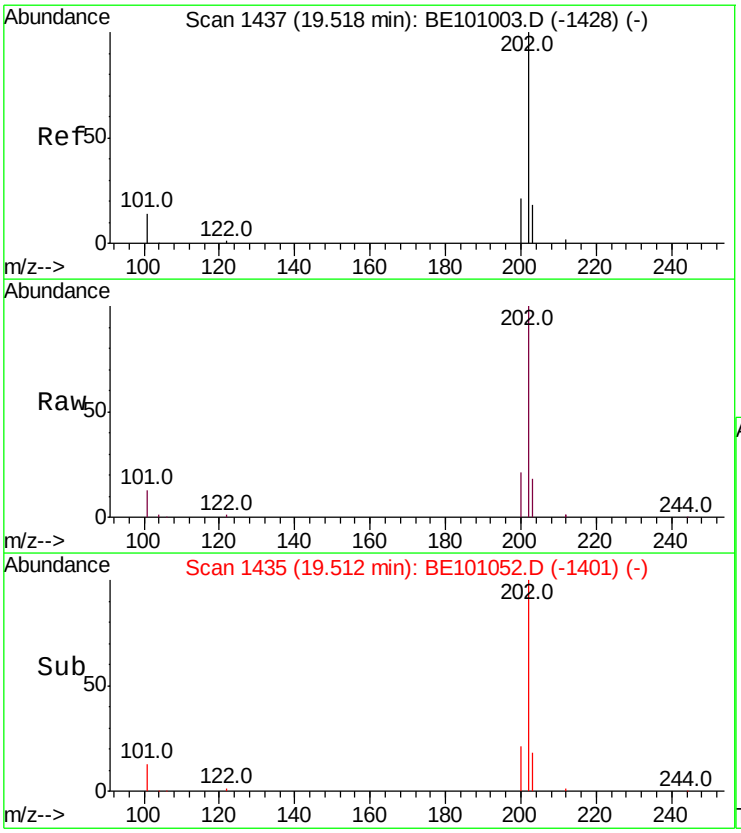
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21055

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	28.3	22.2	33.4

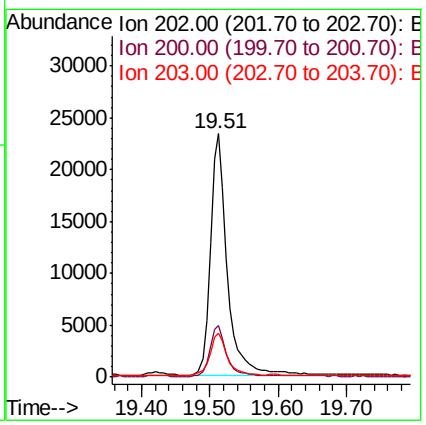


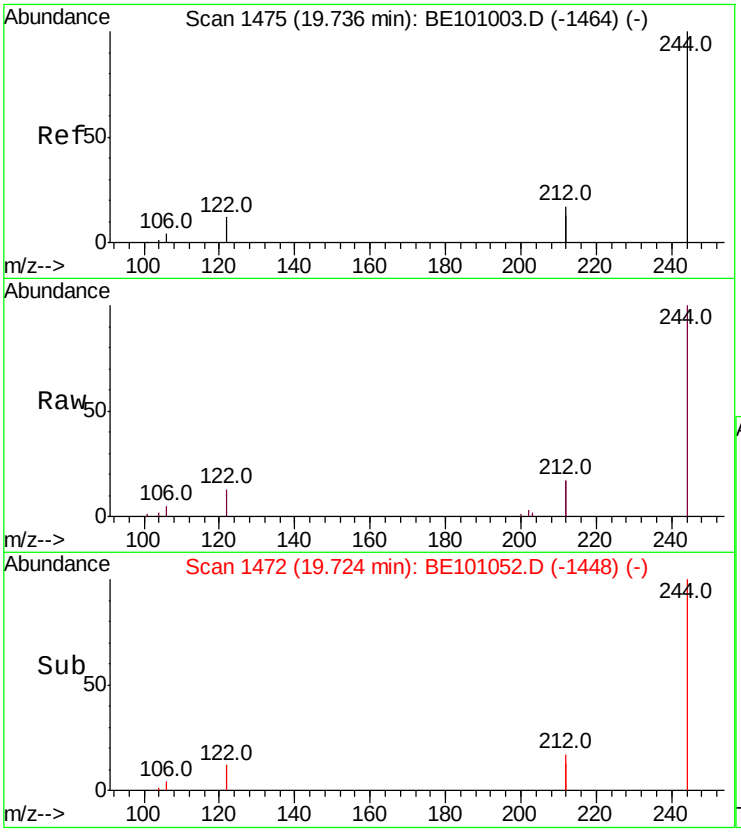


#28
Pyrene
Concen: 0.514 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:202 Resp: 40252

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.3	13.8	20.6



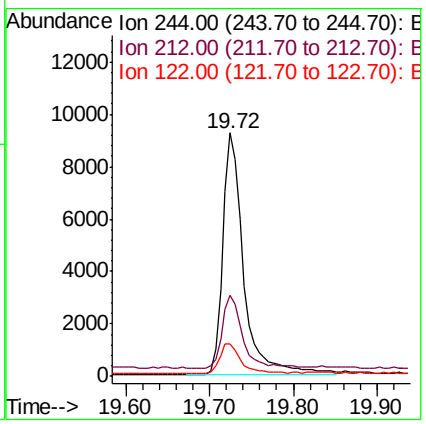


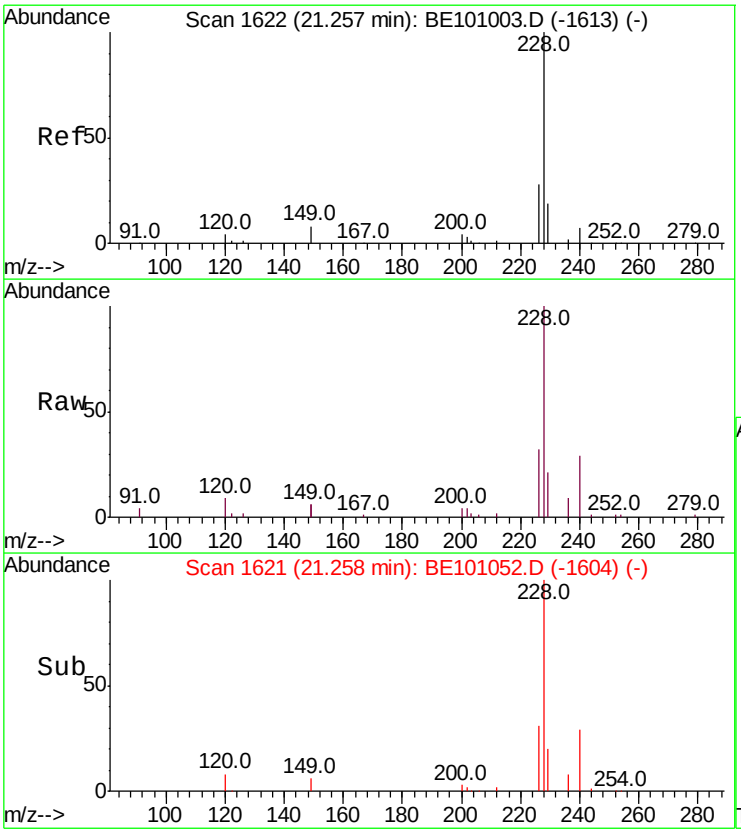
#29
Terphenyl-d14
Concen: 0.311 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16071

Ion	Ratio	Lower	Upper
244	100		
212	33.1	27.2	40.8
122	13.4	9.8	14.8

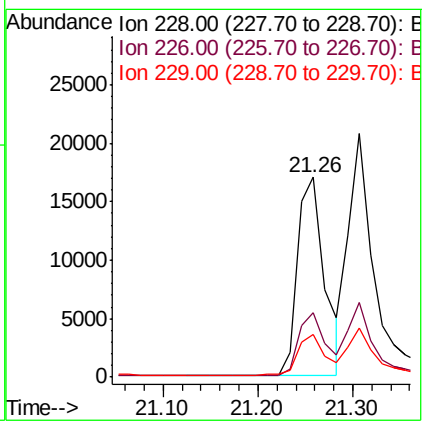


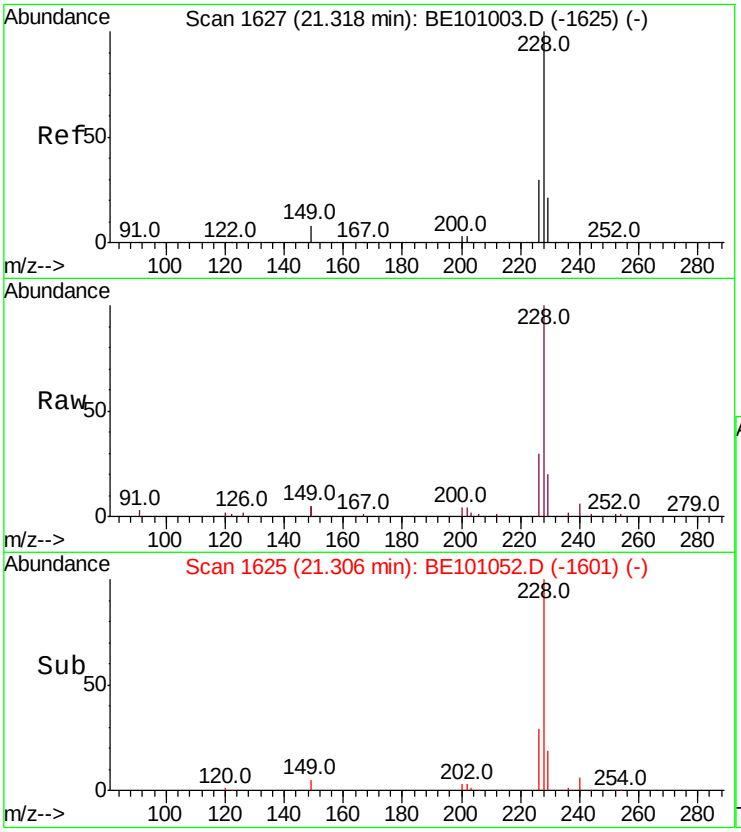


#30
Benzo(a)anthracene
Concen: 0.560 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:228 Resp: 33651

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.7	34.1
229	21.2	15.5	23.3



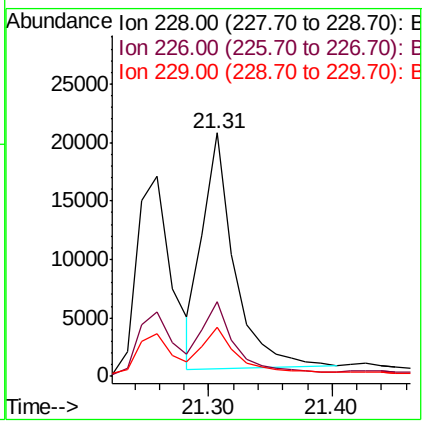


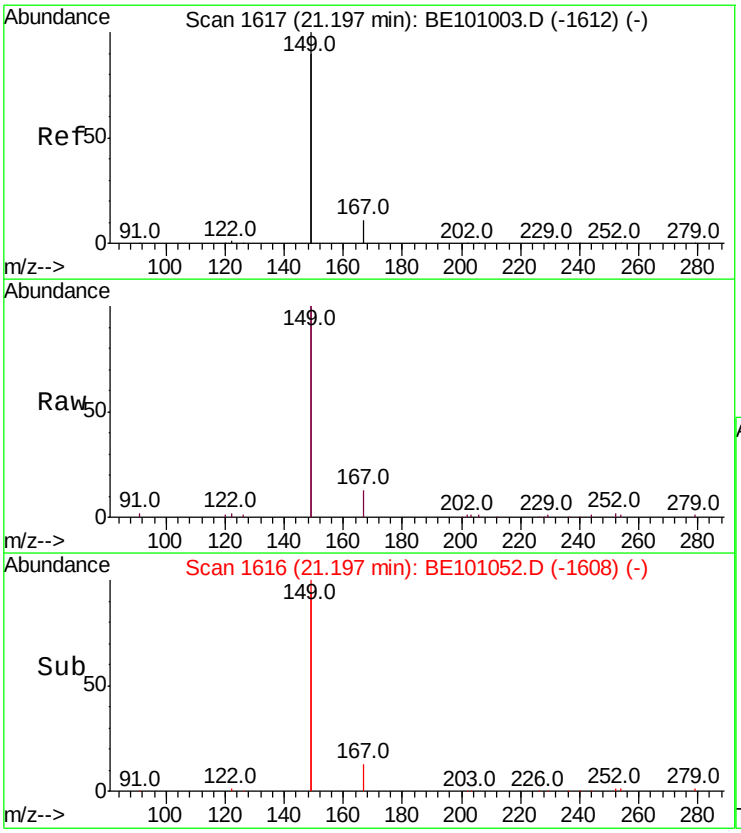
#31
Chrysene
Concen: 0.404 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 36036

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	20.3	16.7	25.1

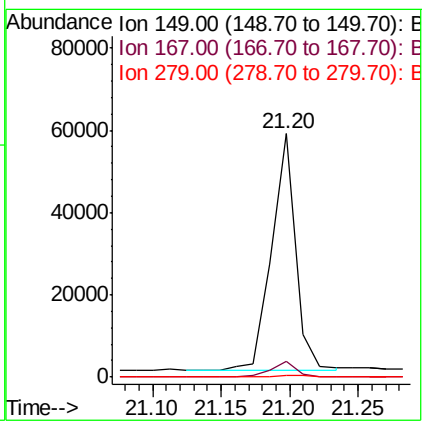


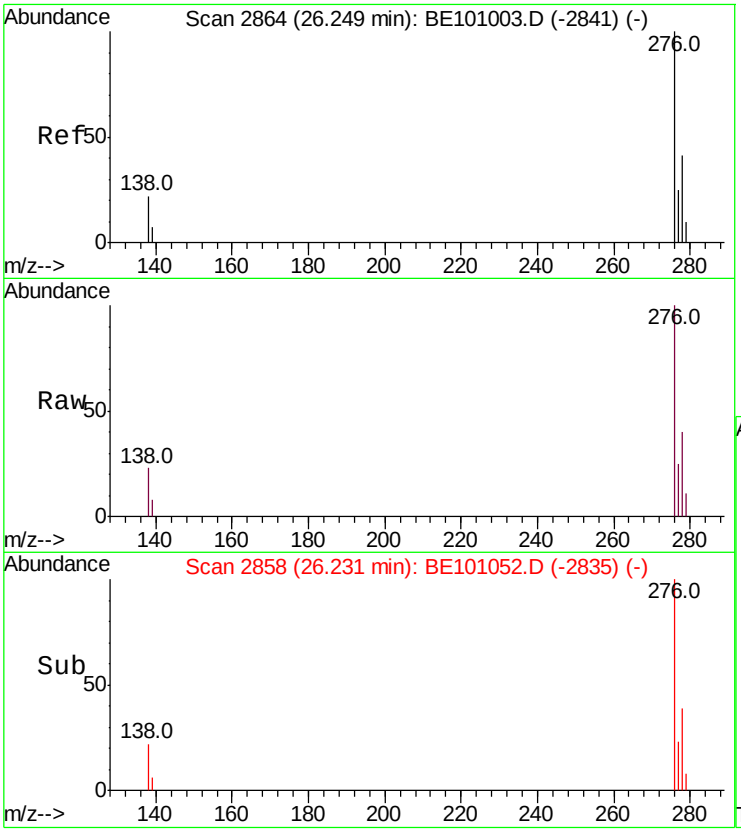


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.698 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:149 Resp: 69876

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	0.8	0.8	1.2#



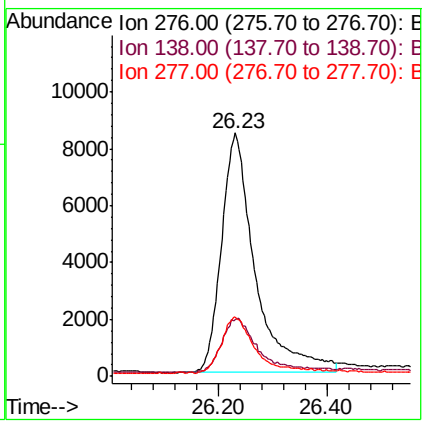


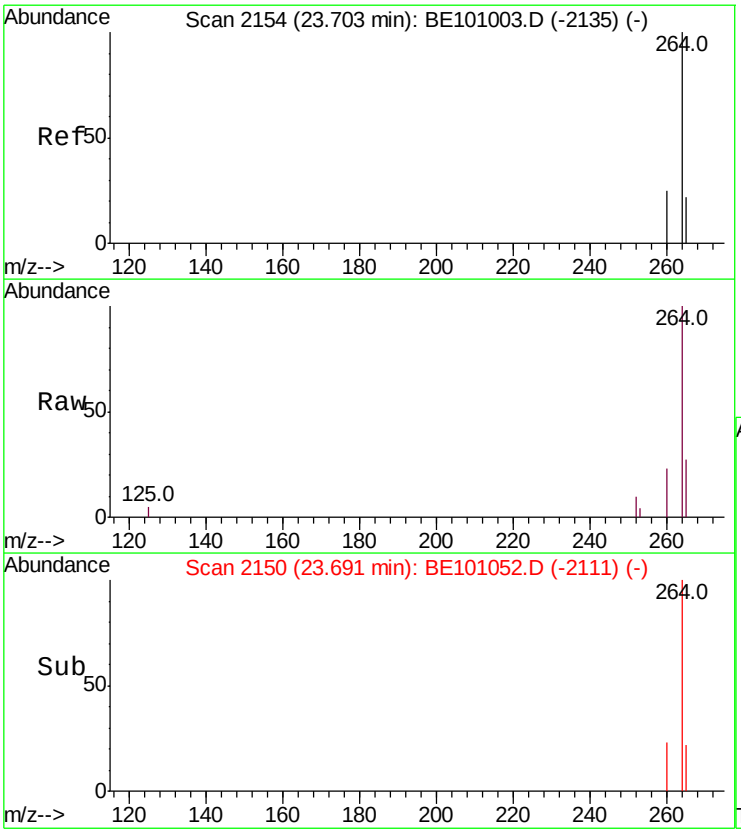
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.515 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36357

Ion	Ratio	Lower	Upper
276	100		
138	23.6	16.1	24.1
277	23.1	18.1	27.1

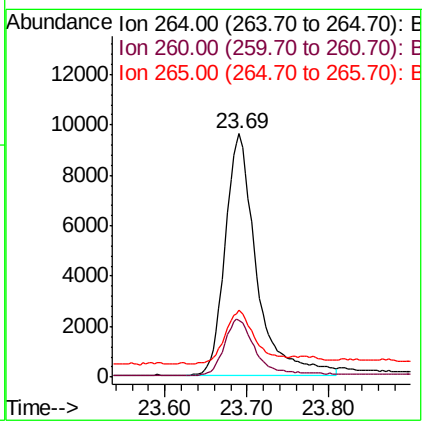


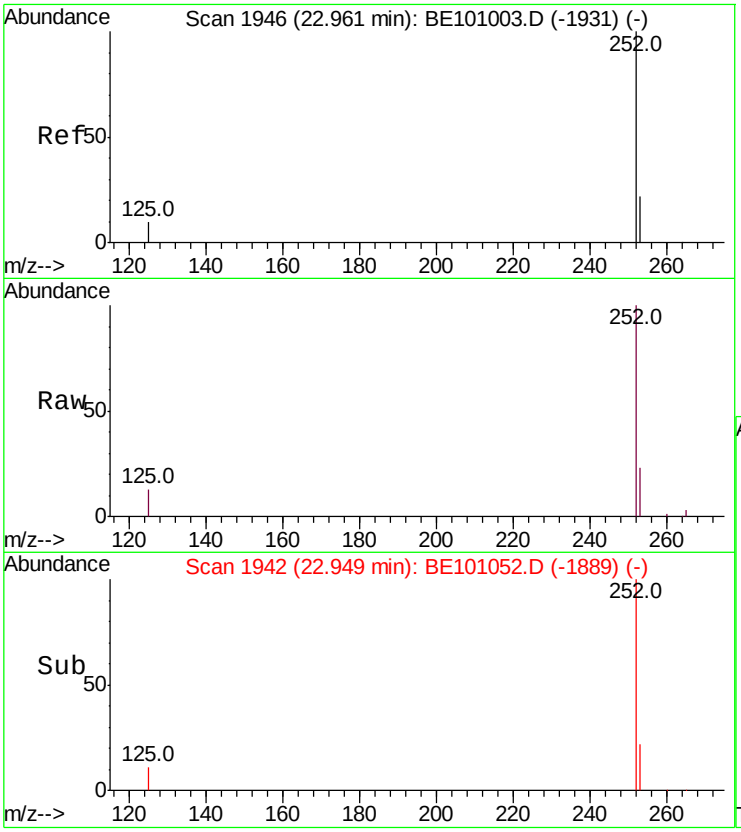


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:264 Resp: 25253

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.3	30.5
265	27.2	27.0	40.4



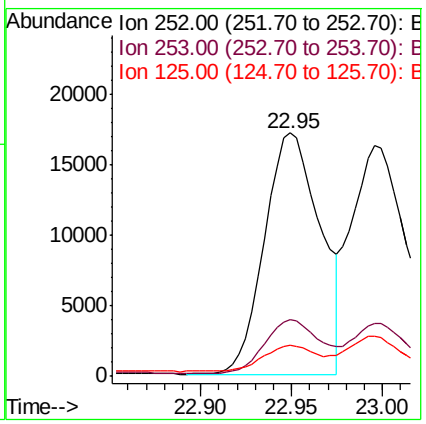


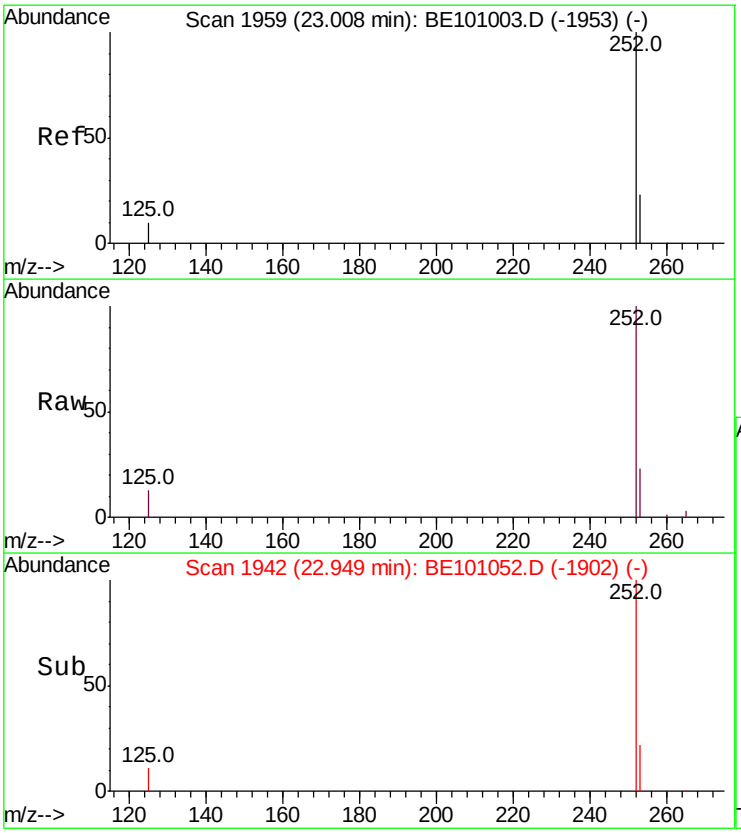
#35
Benzo(b)fluoranthene
Concen: 0.515 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36452

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	13.0	9.5	14.3

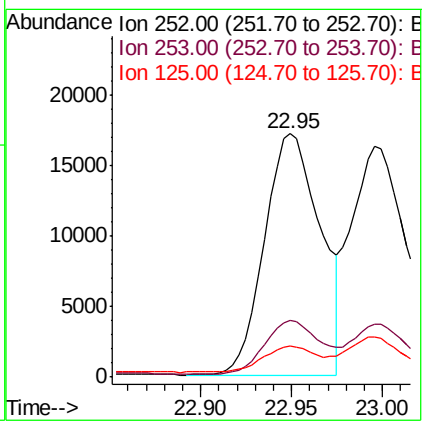


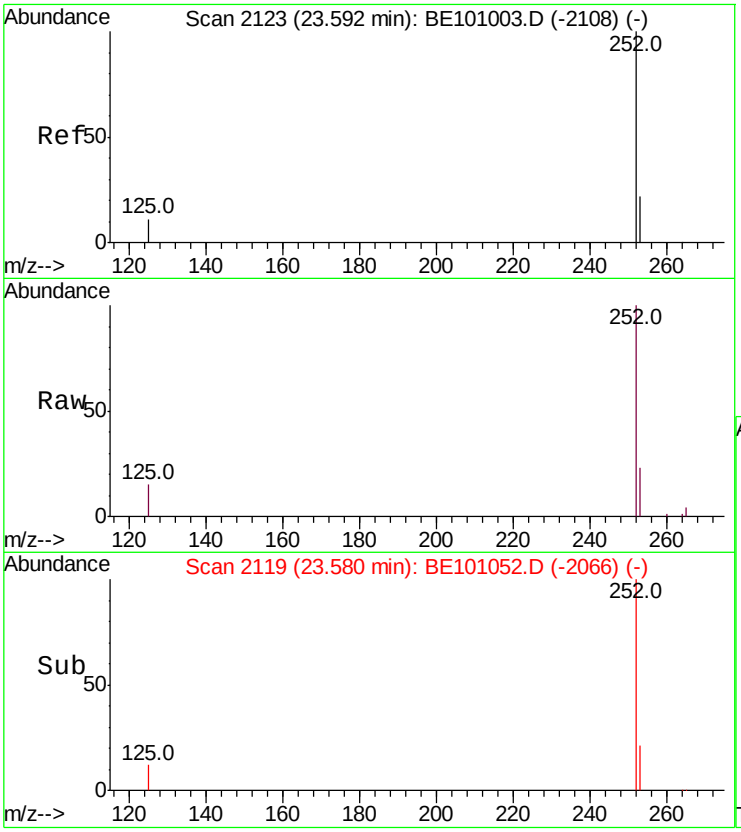


#36
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:252 Resp: 36452

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	13.0	10.1	15.1



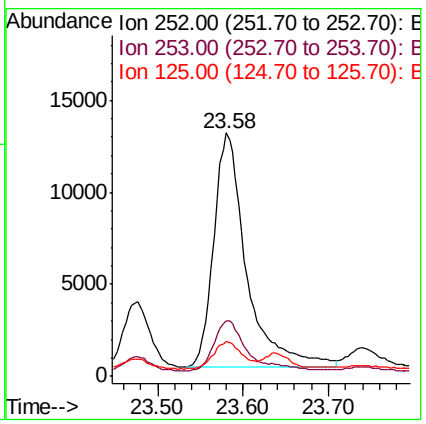


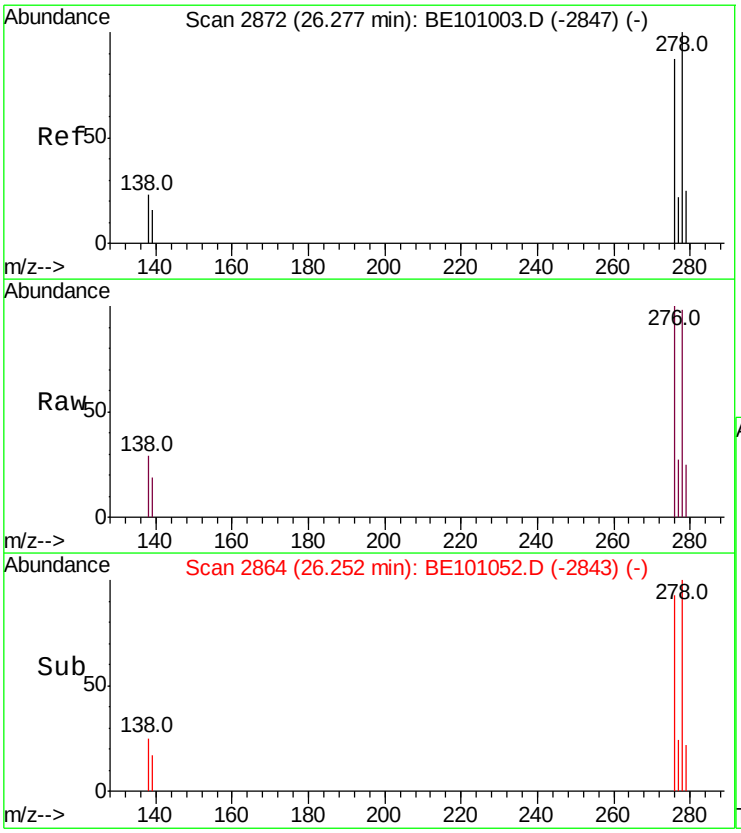
#37
Benzo(a)pyrene
Concen: 0.498 ng
RT: 23.58 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34128

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	14.6	11.8	17.6

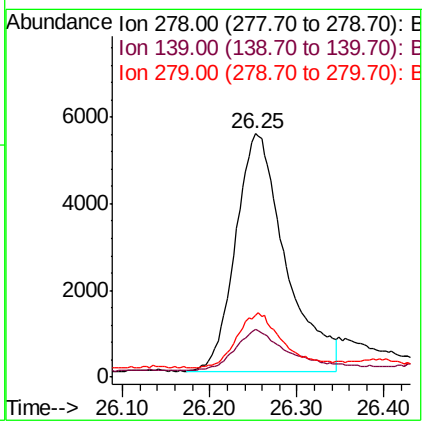


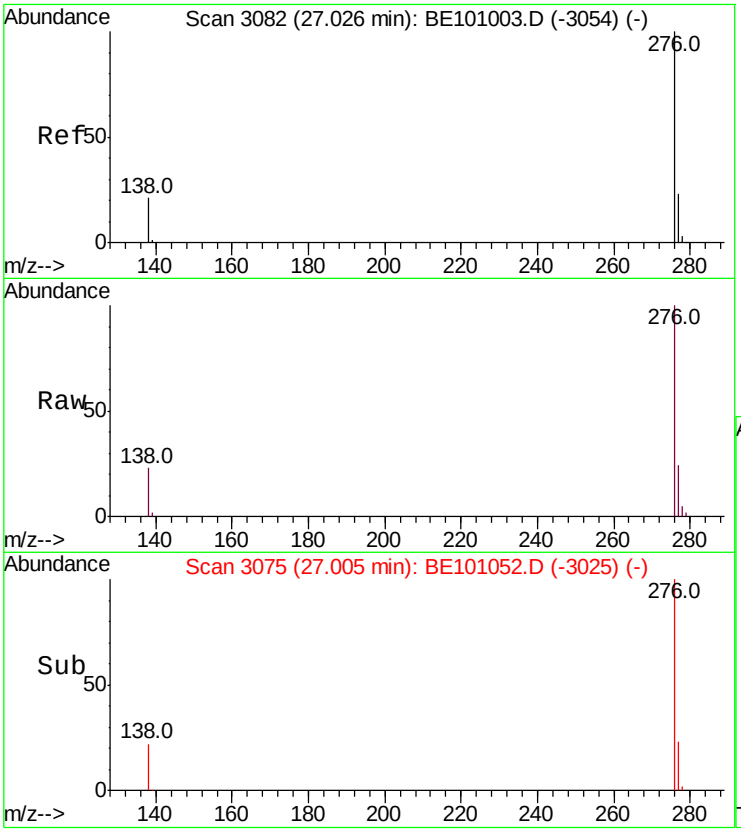


#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.25 min Scan# 2864
Delta R.T. -0.03 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Tgt Ion:278 Resp: 21810

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.0	22.4
279	25.5	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.451 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BE101052.D
Acq: 14 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34960

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	23.3	17.9	26.9