Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101041.D
Acq On : 13 Jan 2020 16:57
Operator : JU
Sample : PB125976BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 13 17:36:59 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	3276	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14313	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7903	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16952	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14835	0.40	ng	-0.01
34) Perylene-d12	23.69	264	15716	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1338	0.18	ng	0.00
5) Phenol-d6	6.92	99	1142	0.12	ng	0.00
8) Nitrobenzene-d5	8.87	82	2911	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11524	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	544	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	14713	0.49	ng	-0.01
25) Fluoranthene-d10	19.13	212	75799	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	15159	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1538	0.102	ng	# 53
3) n-Nitrosodimethylamine	3.61	42	1149	0.252	ng	# 75
6) bis(2-Chloroethyl)ether	7.16	93	3480	0.313	ng	99
9) Naphthalene	10.55	128	62408	0.393	ng	100
10) Hexachlorobutadiene	10.85	225	2445	0.363	ng	99
12) 2-Methylnaphthalene	12.18	142	9007	0.375	ng	98
16) Acenaphthylene	14.08	152	9768	0.303	ng	100
17) Acenaphthene	14.43	154	8565	0.372	ng	98
18) Fluorene	15.39	166	10801	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	2836	0.343	ng	93
21) Hexachlorobenzene	16.41	284	3366	0.371	ng	99
22) Pentachlorophenol	16.76	266	991	0.562	ng	86
23) Phenanthrene	17.13	178	17296	0.374	ng	99
24) Anthracene	17.23	178	15121	0.346	ng	97
26) Fluoranthene	19.16	202	20518	0.354	ng	99
28) Pyrene	19.52	202	20712	0.375	ng	99
30) Benzo(a)anthracene	21.26	228	12490	0.295	ng	99
31) Chrysene	21.31	228	26996	0.429	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	24581	0.348	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	18365	0.369	ng	97
35) Benzo(b)fluoranthene	22.95	252	15814	0.359	ng	100
36) Benzo(k)fluoranthene	23.00	252	24910	0.390	ng	97
37) Benzo(a)pyrene	23.59	252	16093	0.377	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	12916	0.329	ng	98
39) Benzo(g,h,i)perylene	27.01	276	19244	0.399	ng	99

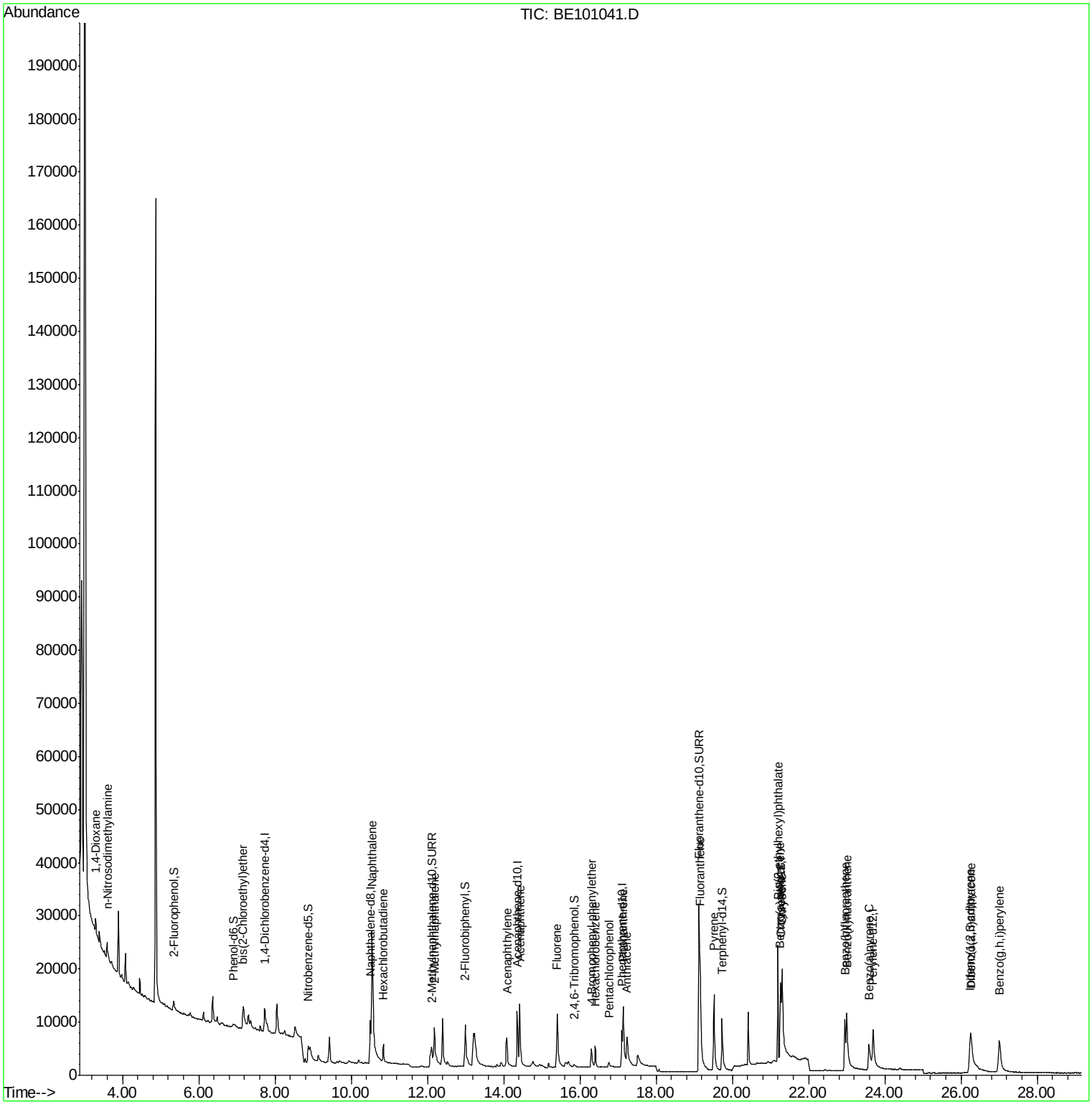
(#) = qualifier out of range (m) = manual integration (+) = signals summed

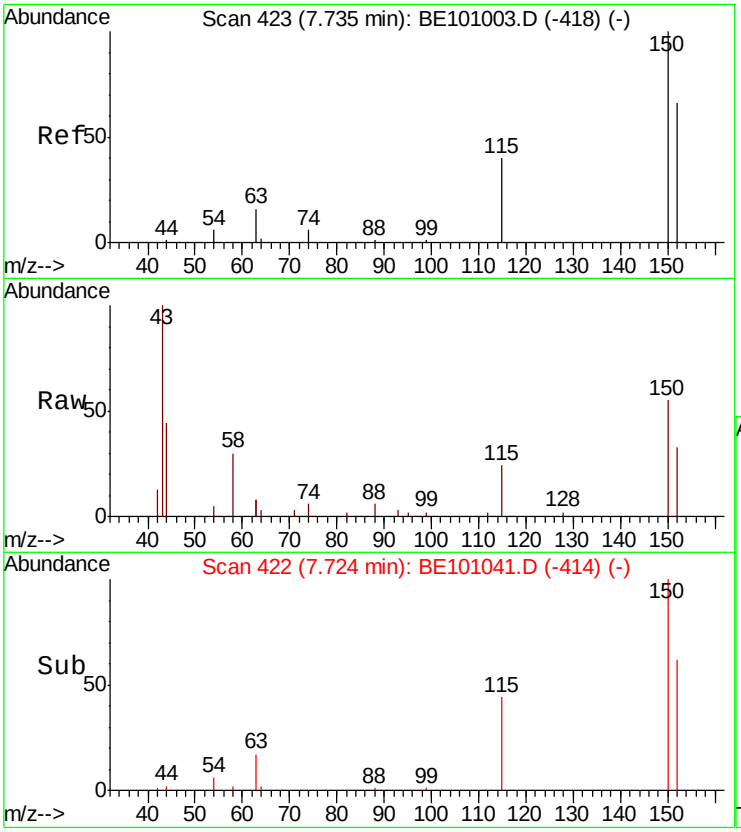
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101041.D
Acq On : 13 Jan 2020 16:57
Operator : JU
Sample : PB125976BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 13 17:36:59 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



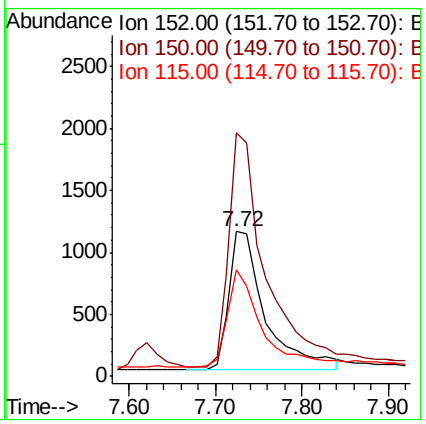


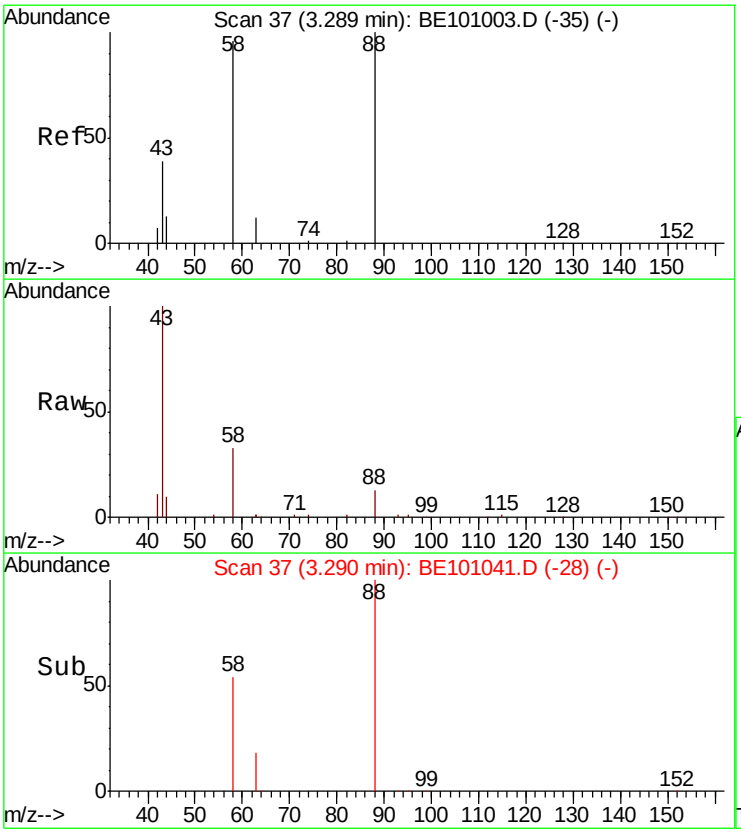
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3276

Ion	Ratio	Lower	Upper
152	100		
150	168.1	120.3	180.5
115	73.7	51.7	77.5

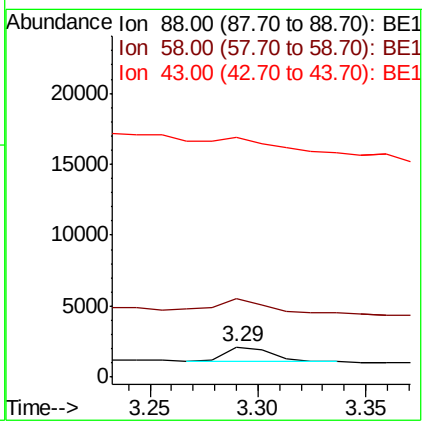


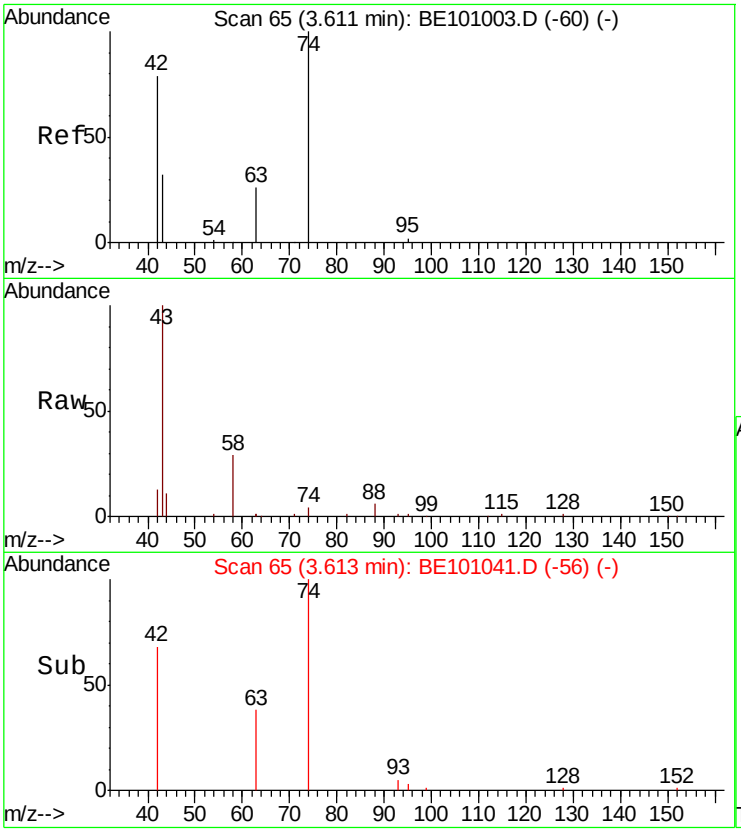


#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion: 88 Resp: 1538

Ion	Ratio	Lower	Upper
88	100		
58	101.1	53.0	79.4#
43	0.0	23.4	35.2#



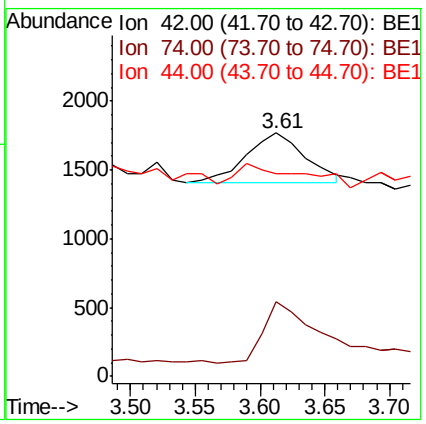


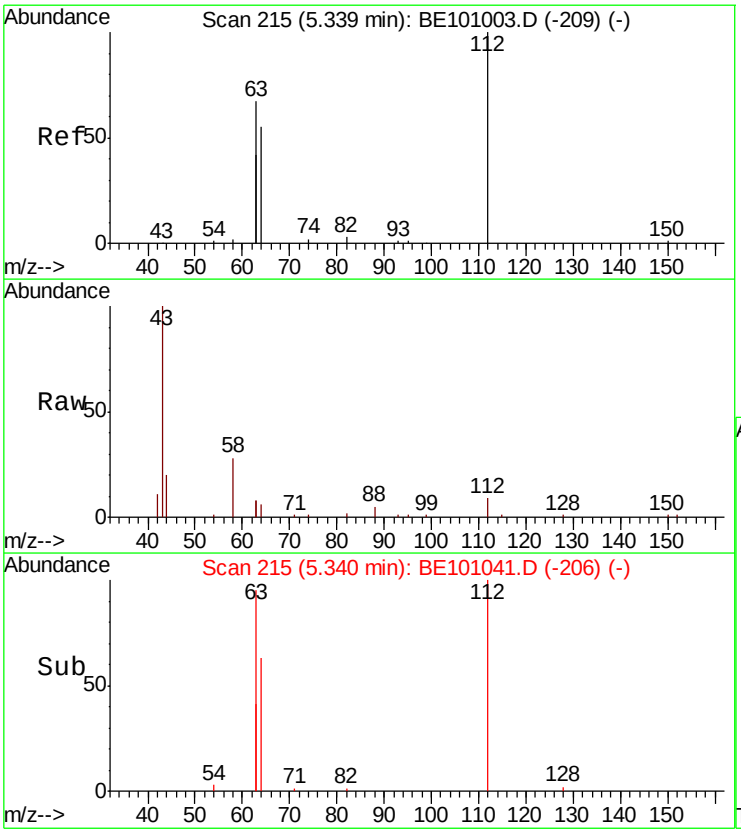
#3
n-Nitrosodimethylamine
Concen: 0.252 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1149

Ion	Ratio	Lower	Upper
42	100		
74	104.0	105.7	158.5#
44	0.0	10.0	15.0#

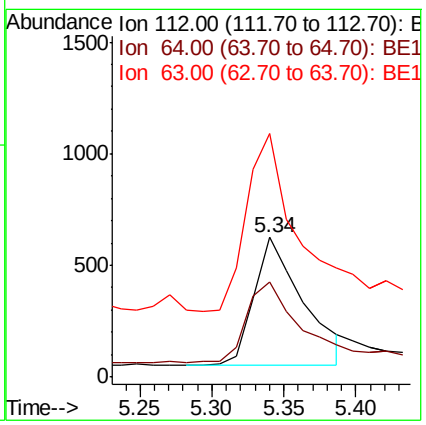


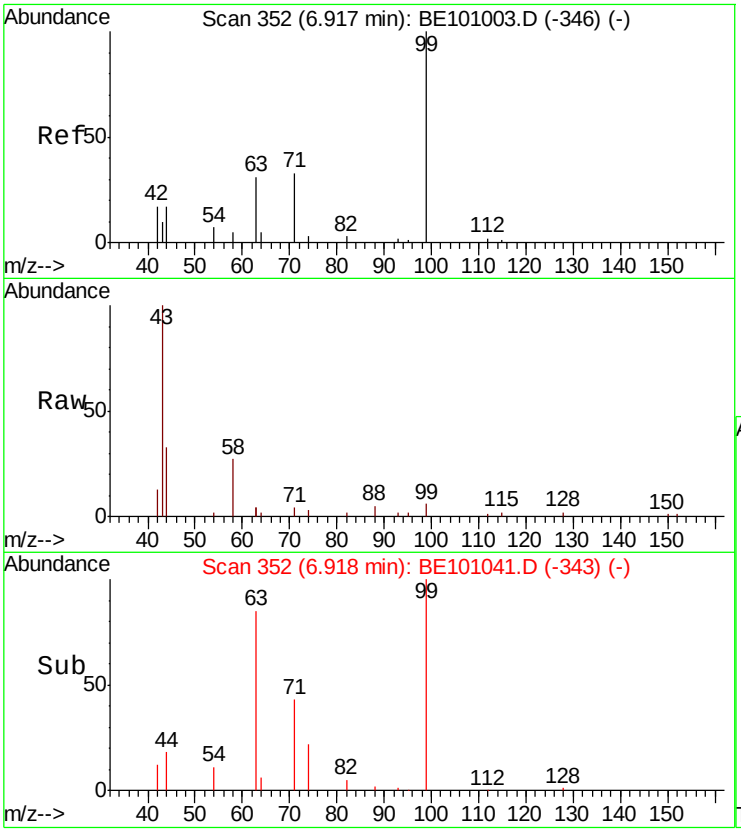


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:112 Resp: 1338

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.6	80.4
63	143.6	114.6	172.0



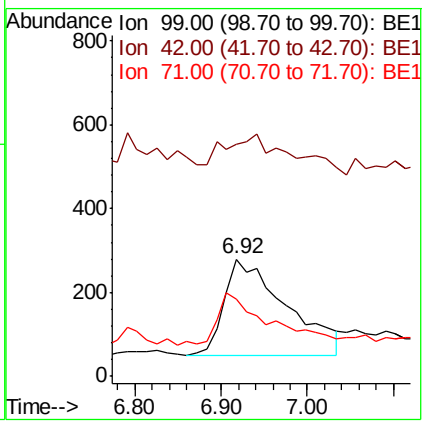


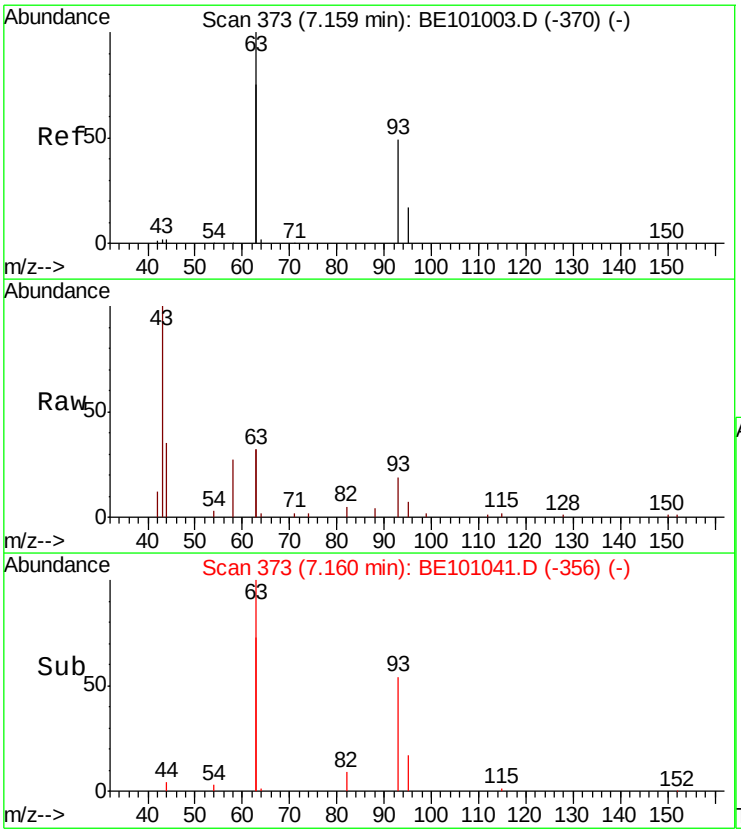
#5
Phenol-d6
Concen: 0.122 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1142

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	43.2	28.0	42.0#

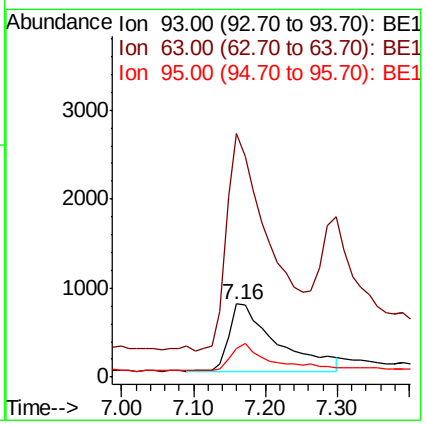


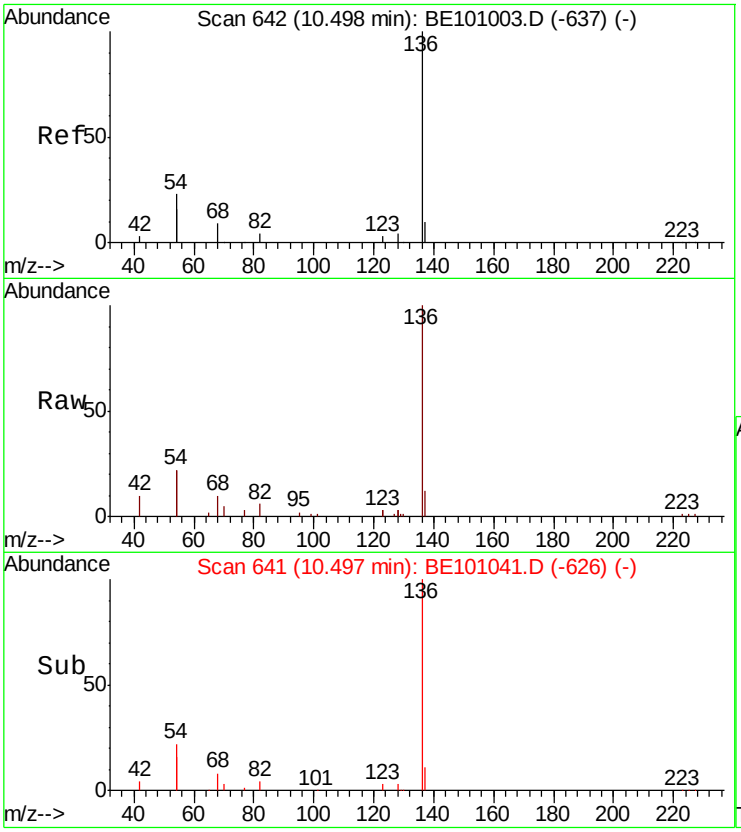


#6
bis(2-Chloroethyl)ether
Concen: 0.313 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion: 93 Resp: 3480

Ion	Ratio	Lower	Upper
93	100		
63	290.7	233.9	350.9
95	32.9	23.5	35.3



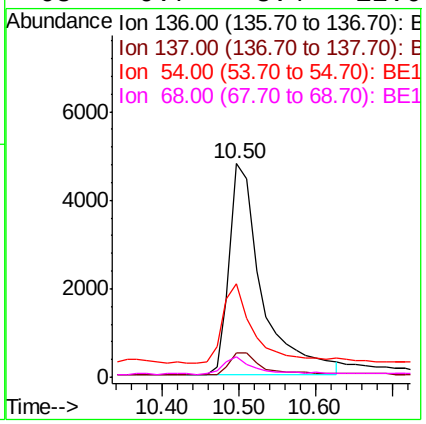


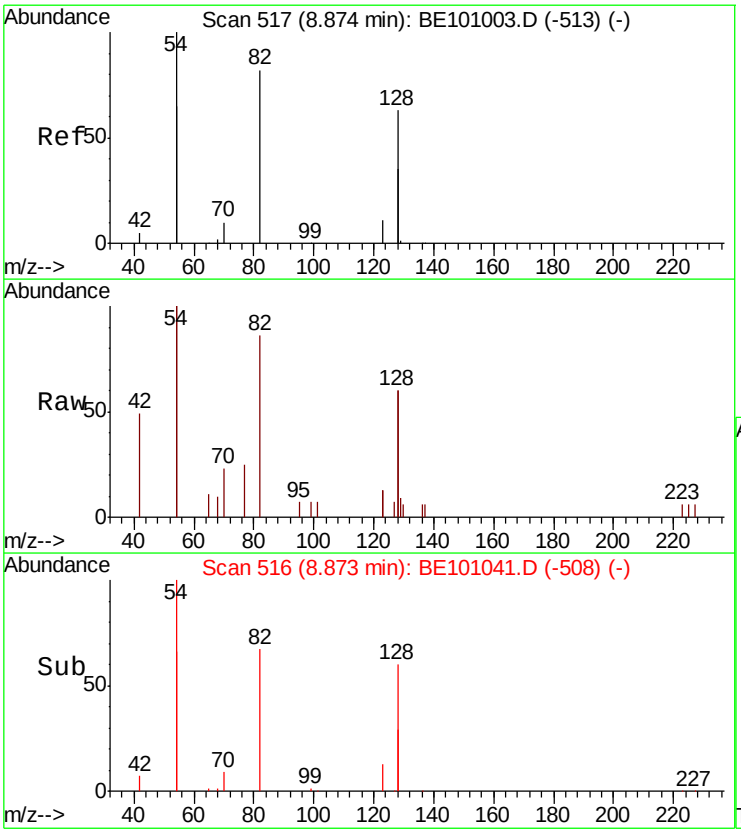
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14313

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	43.9	36.8	55.2
68	9.7	8.4	12.6

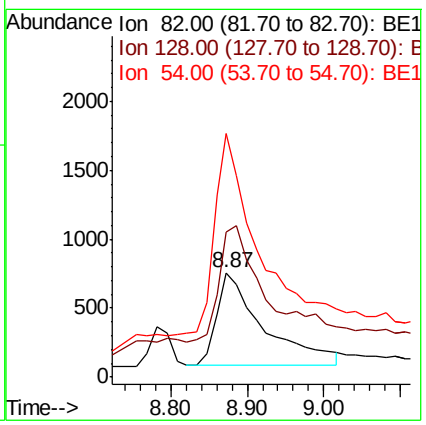


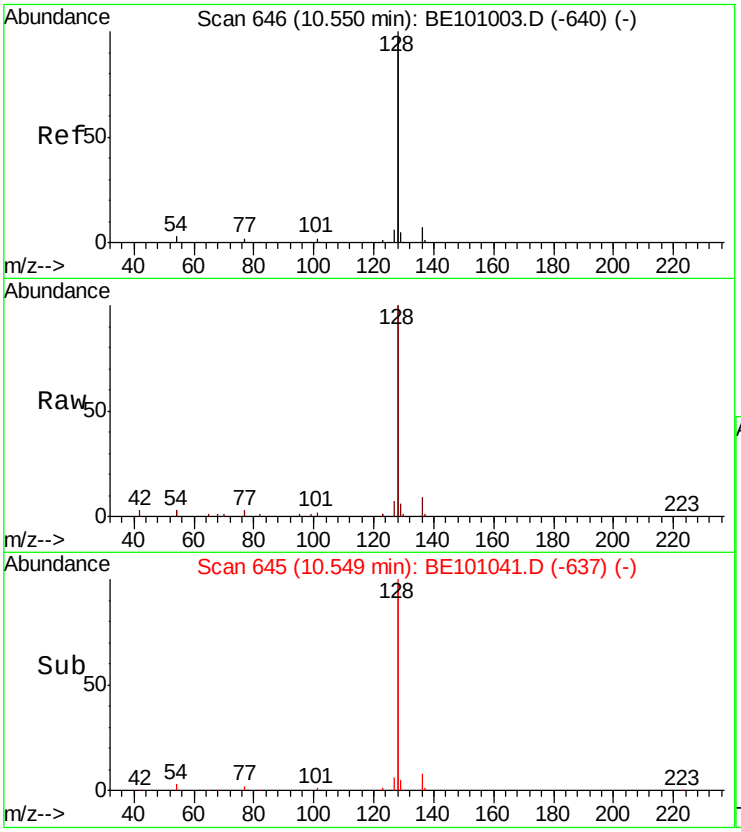


#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion: 82 Resp: 2911

Ion	Ratio	Lower	Upper
82	100		
128	138.6	109.8	164.6
54	232.7	174.5	261.7



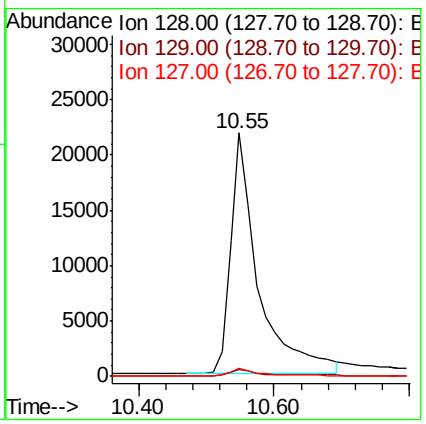


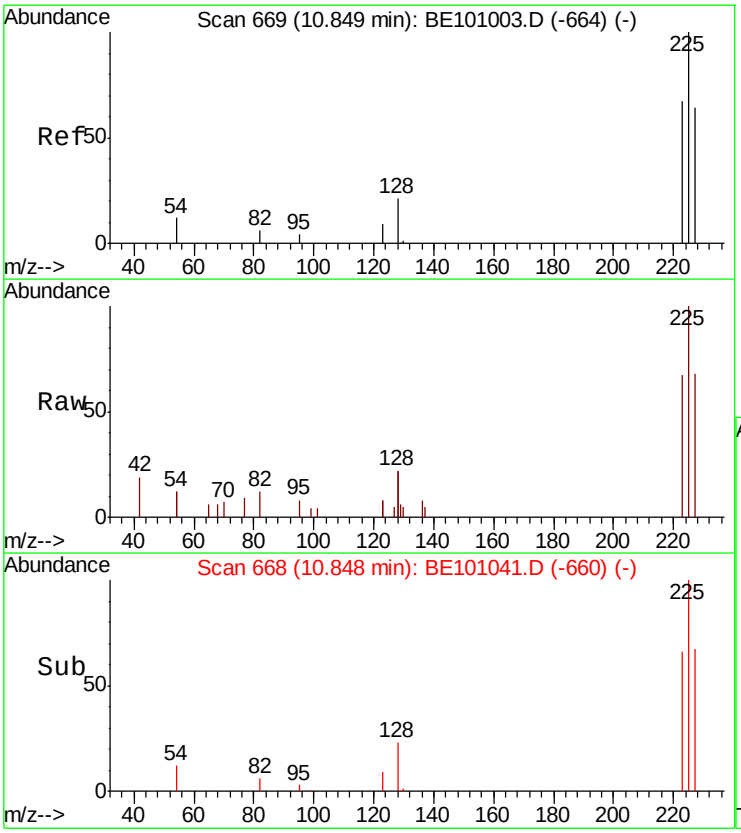
#9
Naphthalene
Concen: 0.393 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 62408

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

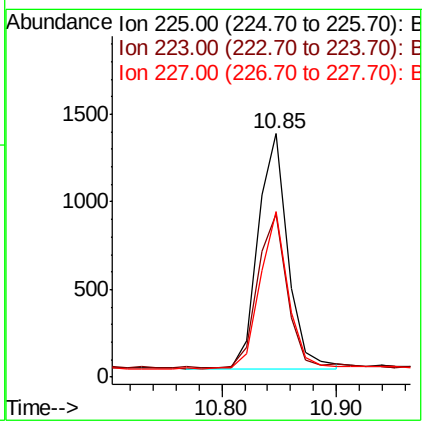


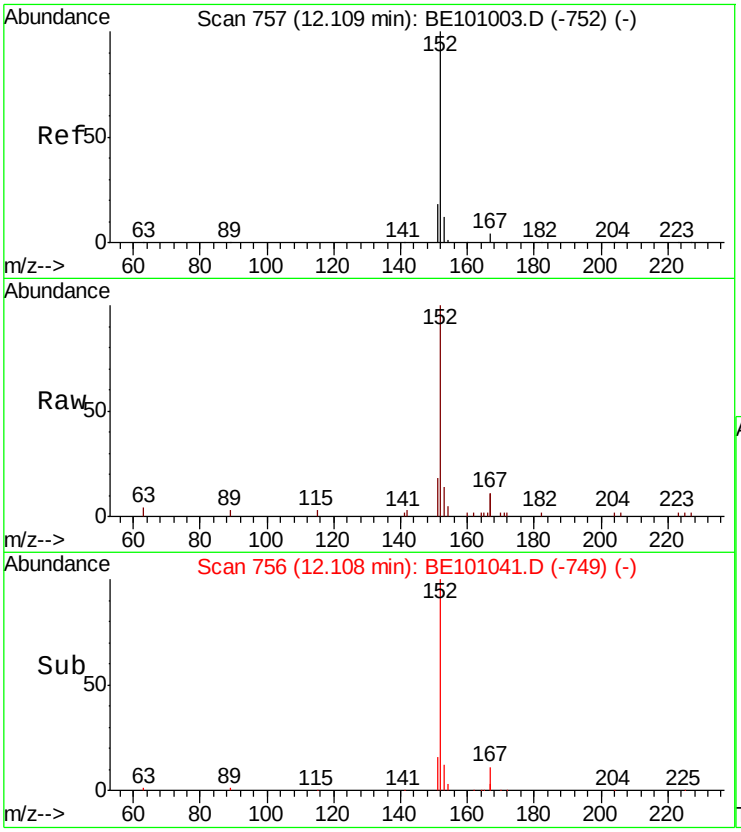


#10
Hexachlorobutadiene
Concen: 0.363 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:225 Resp: 2445

Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.2	78.4
227	62.6	49.9	74.9



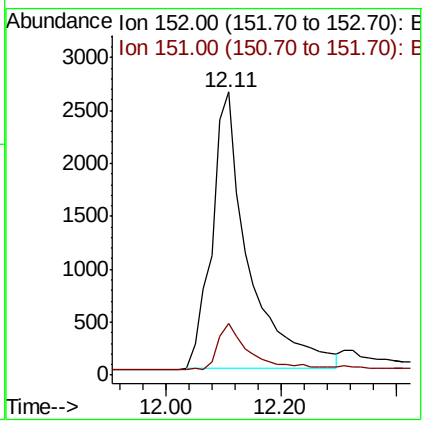


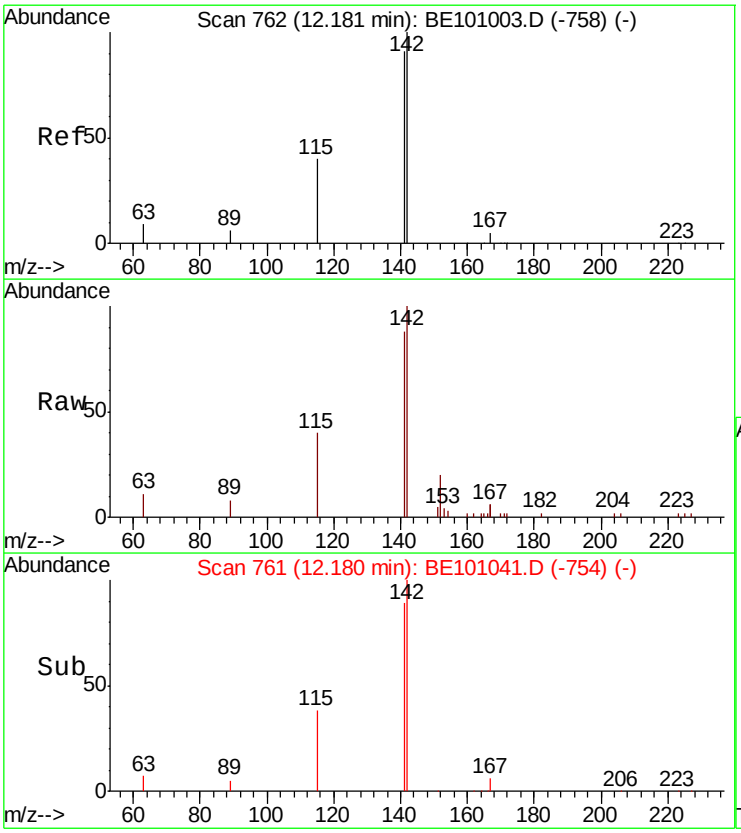
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11524

Ion	Ratio	Lower	Upper
152	100		
151	14.5	15.0	22.6#

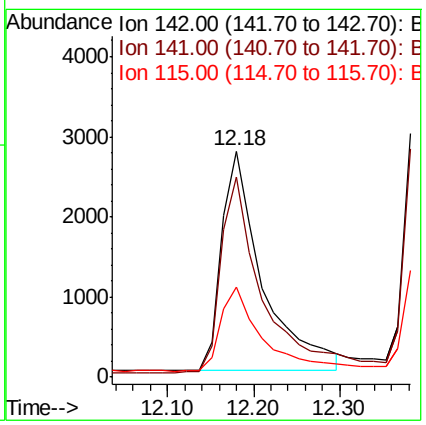


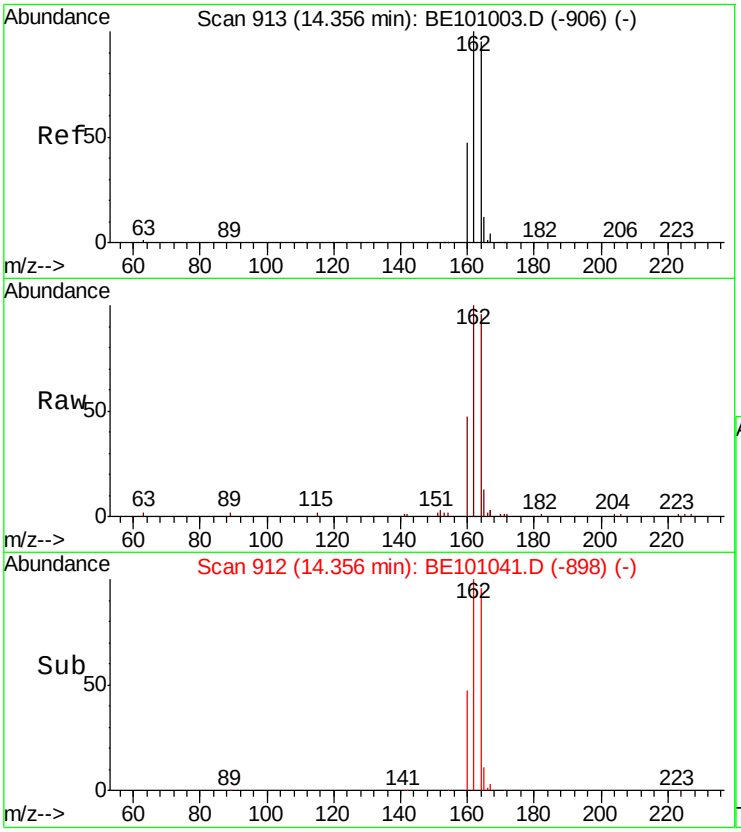


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:142 Resp: 9007

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.5	108.7
115	39.6	33.0	49.6



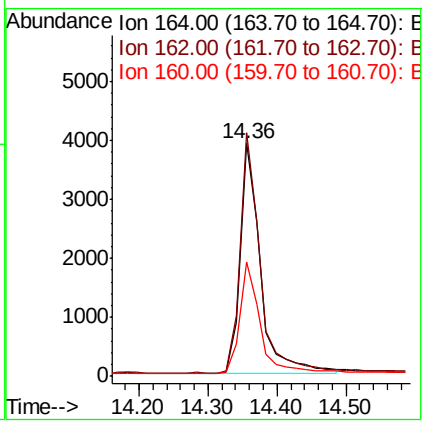


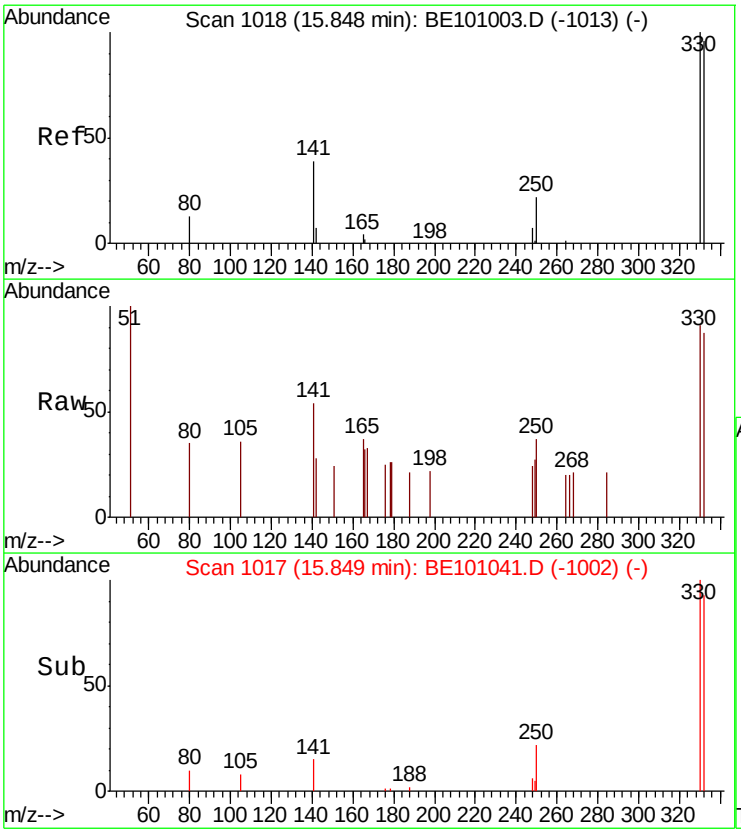
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7903

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.1	126.1
160	49.3	40.4	60.6

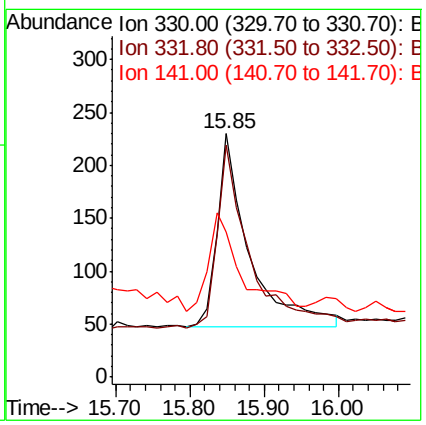


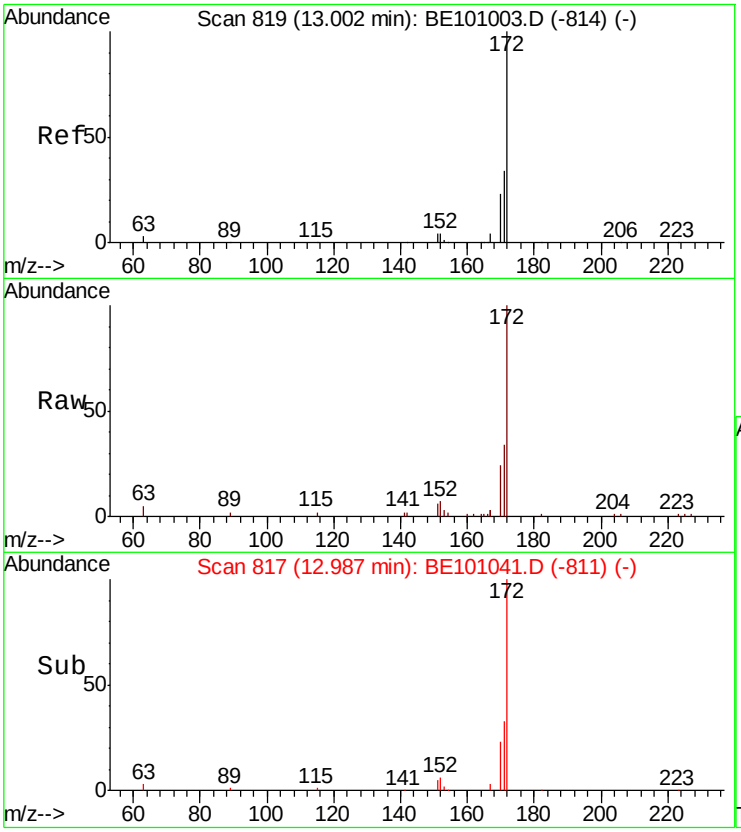


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.4	117.6
141	53.7	37.0	55.4



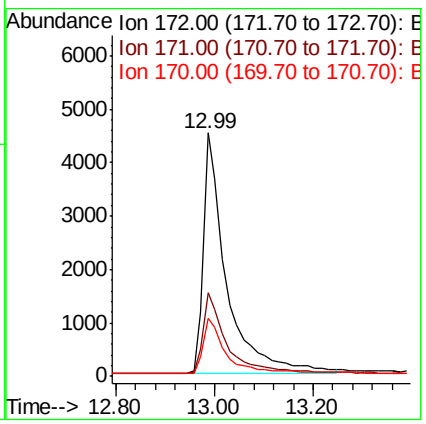


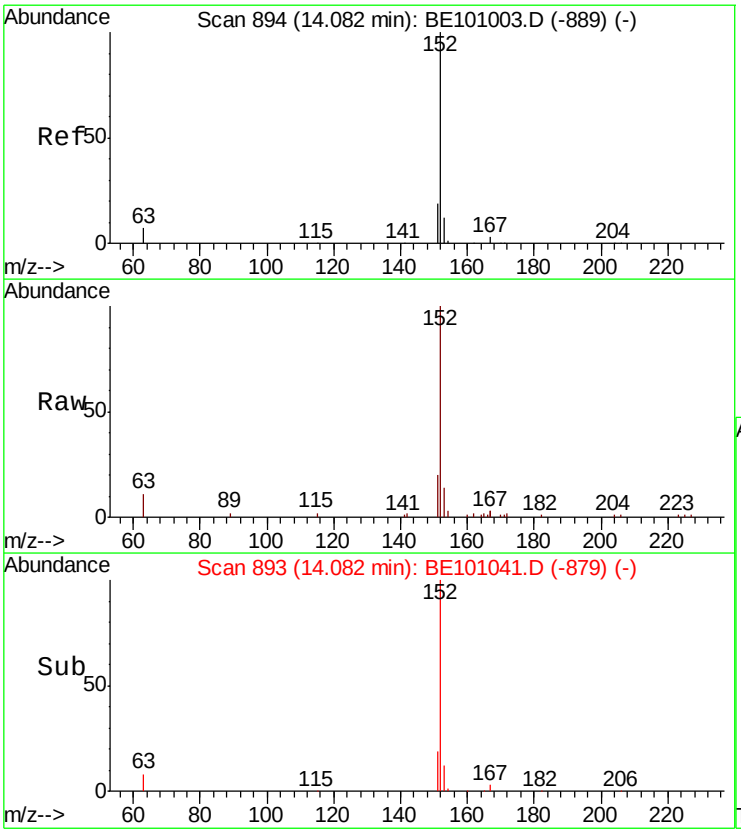
#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14713

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	24.0	18.9	28.3

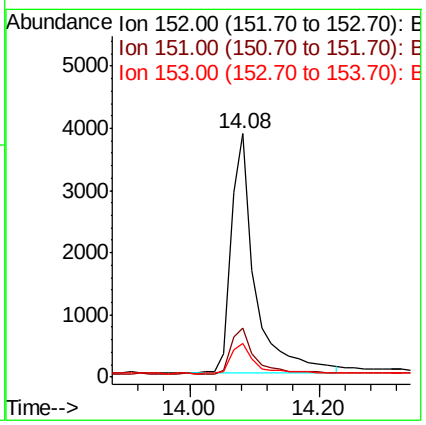


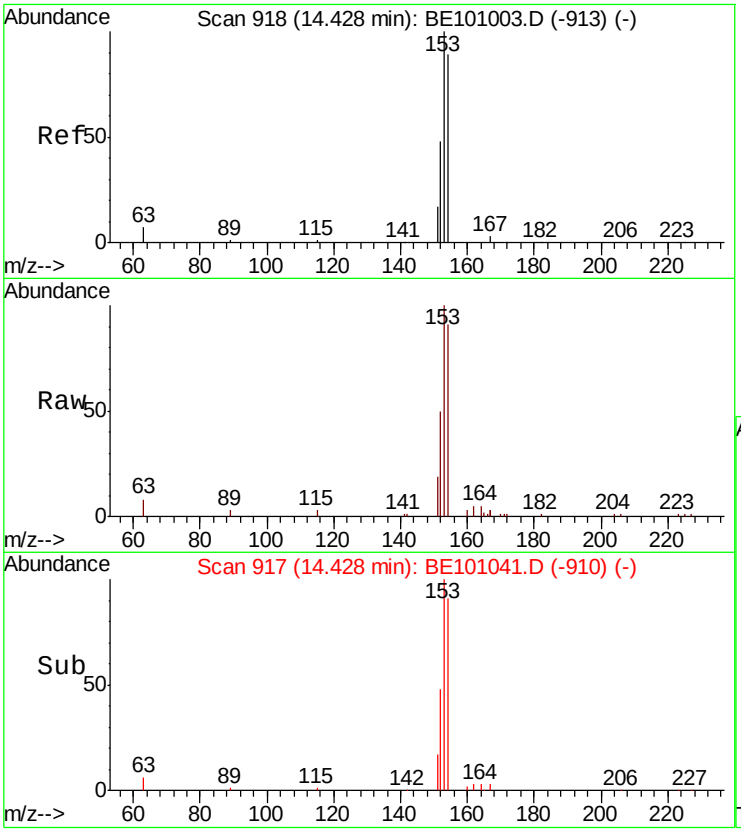


#16
Acenaphthylene
Concen: 0.303 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:152 Resp: 9768

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.4	15.6



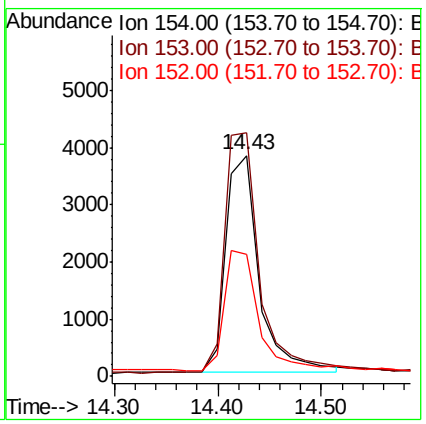


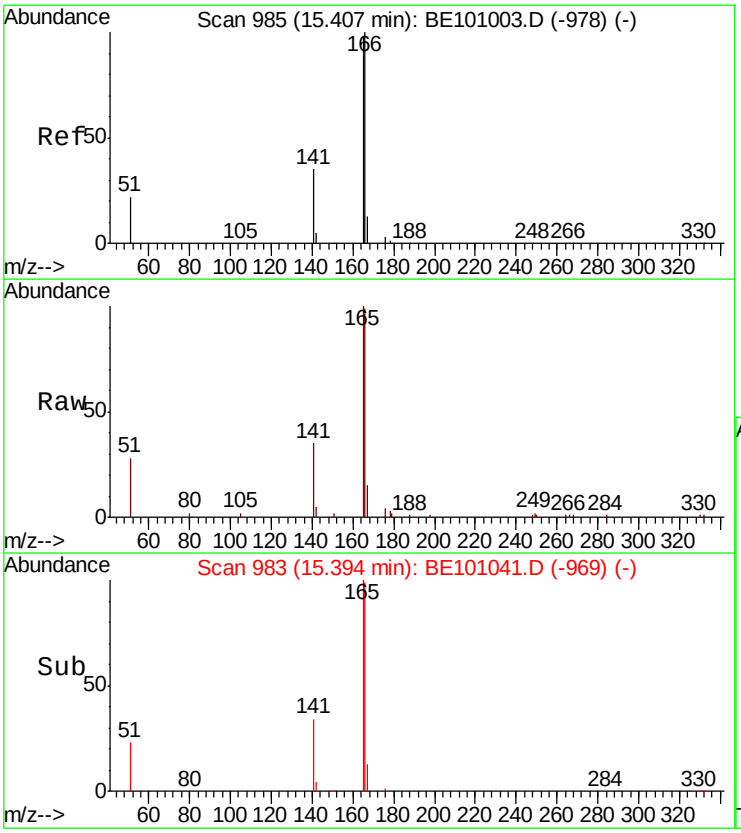
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8565

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.6	140.4
152	56.6	46.3	69.5

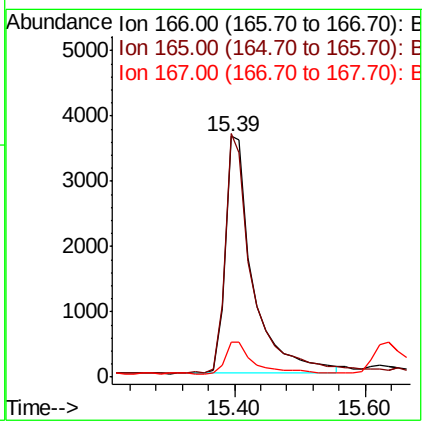


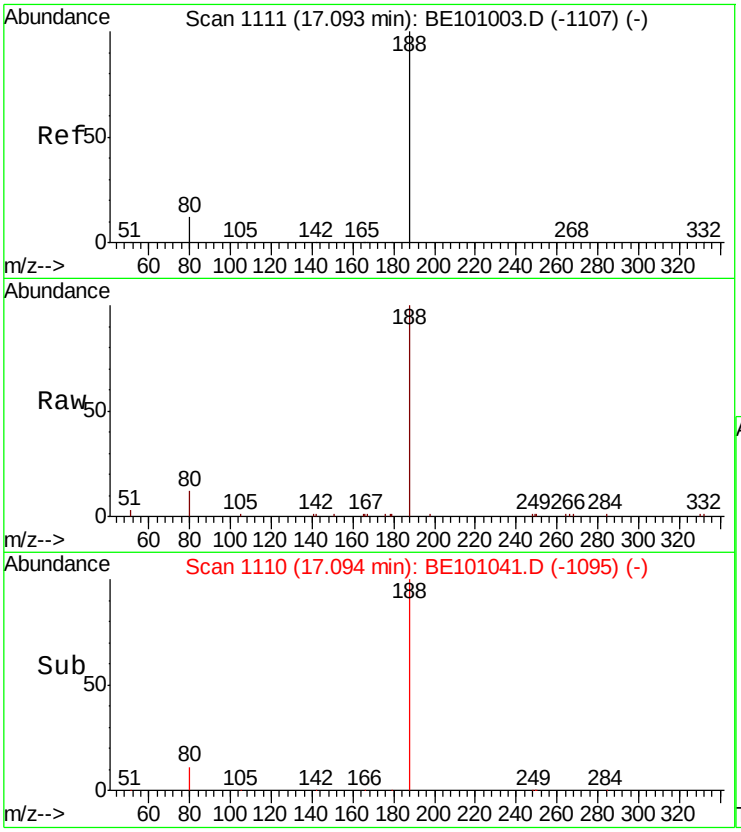


#18
Fluorene
Concen: 0.371 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:166 Resp: 10801

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	14.0	11.0	16.6



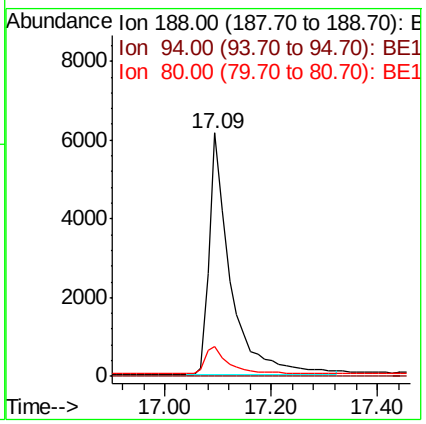


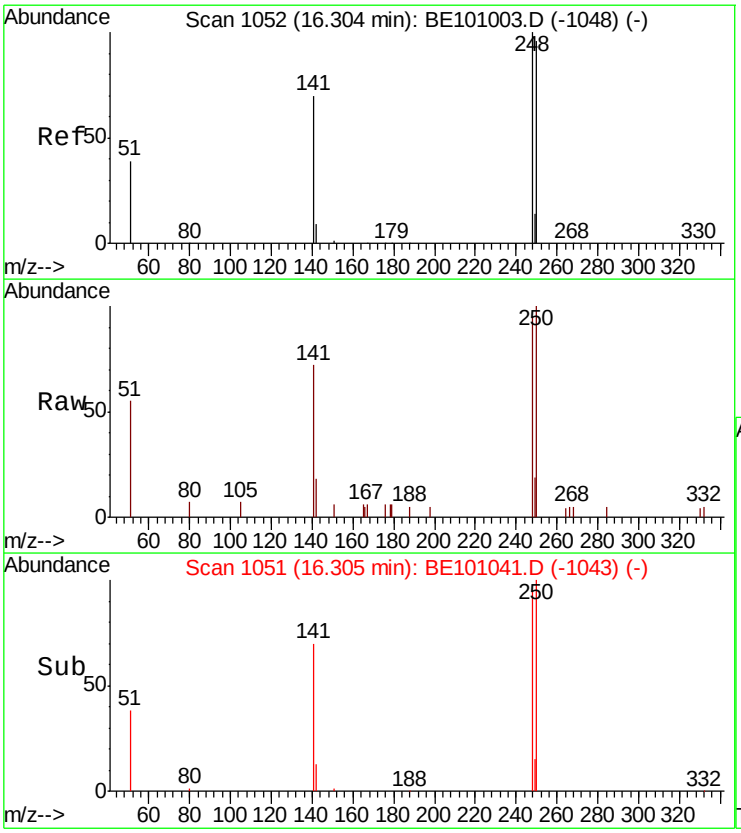
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16952

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	10.8	16.2

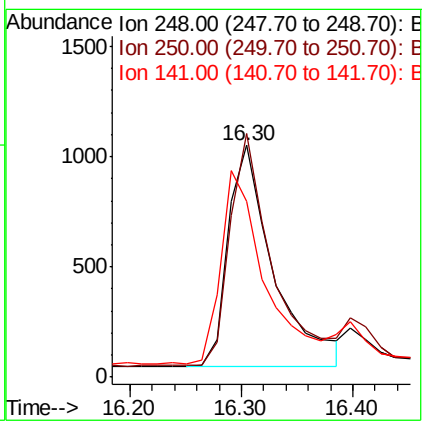


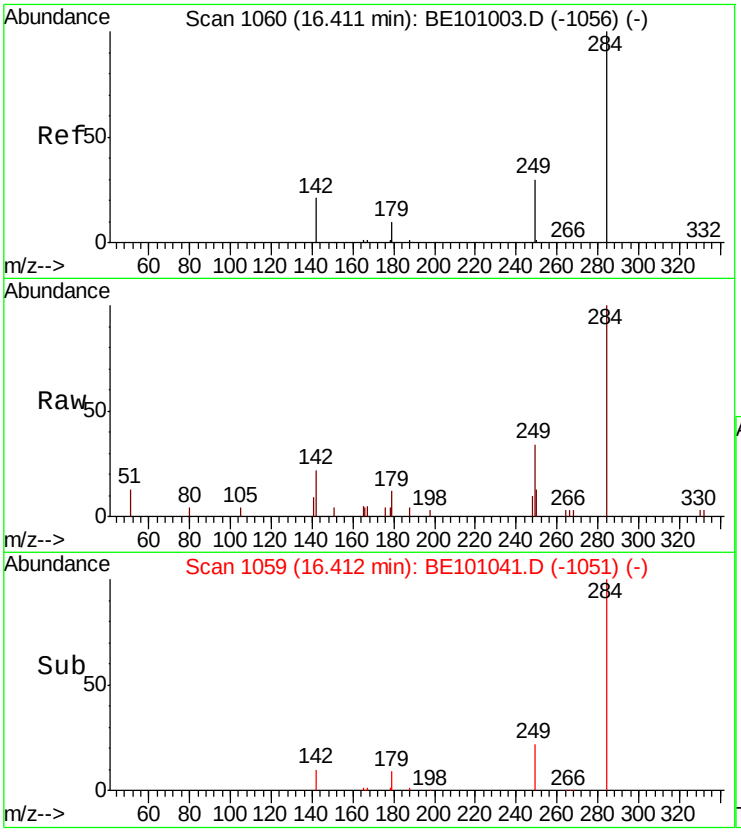


#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:248 Resp: 2836

Ion	Ratio	Lower	Upper
248	100		
250	104.9	76.6	115.0
141	76.0	57.7	86.5



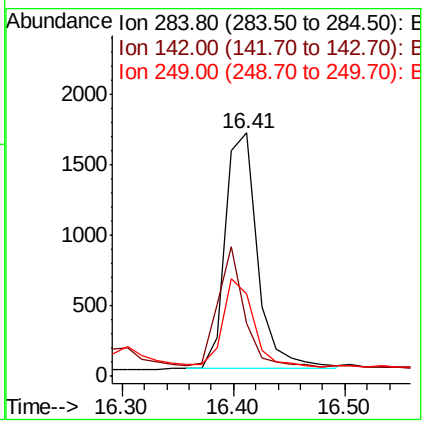


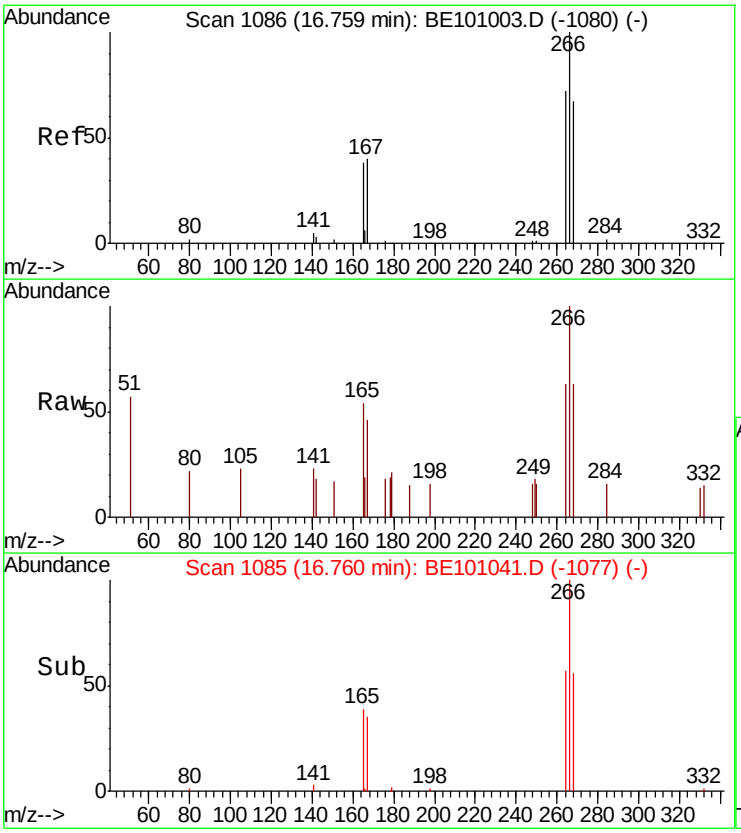
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3366

Ion	Ratio	Lower	Upper
284	100		
142	41.4	34.0	51.0
249	34.6	28.2	42.4

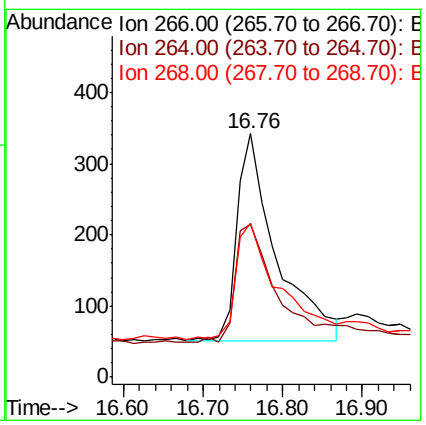


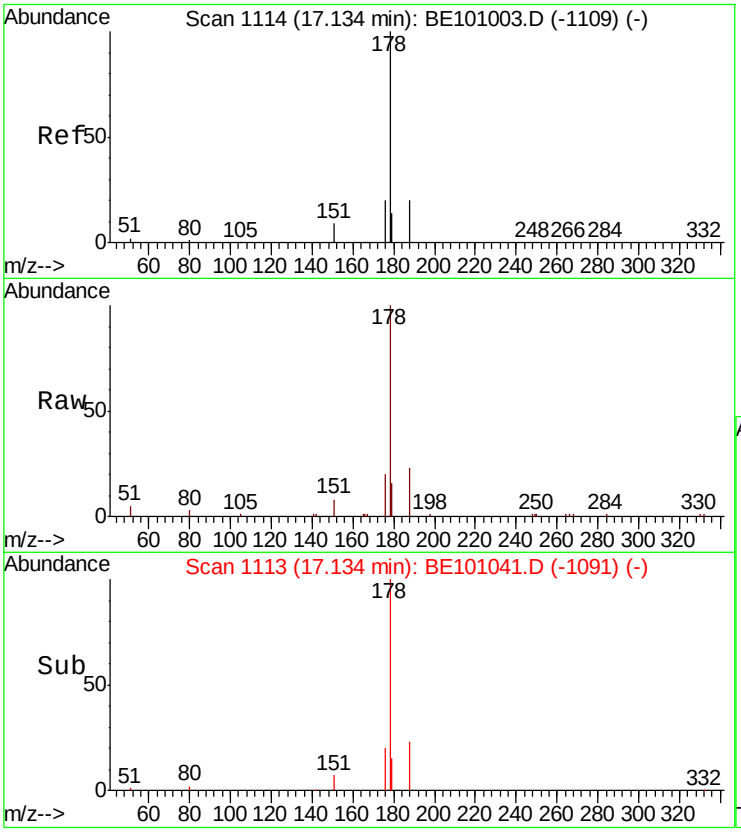


#22
Pentachlorophenol
Concen: 0.562 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:266 Resp: 991

Ion	Ratio	Lower	Upper
266	100		
264	62.9	61.0	91.4
268	63.2	58.5	87.7



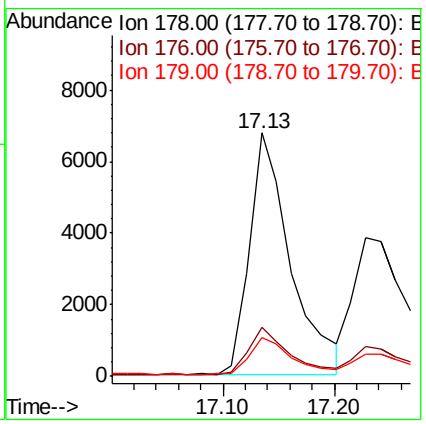


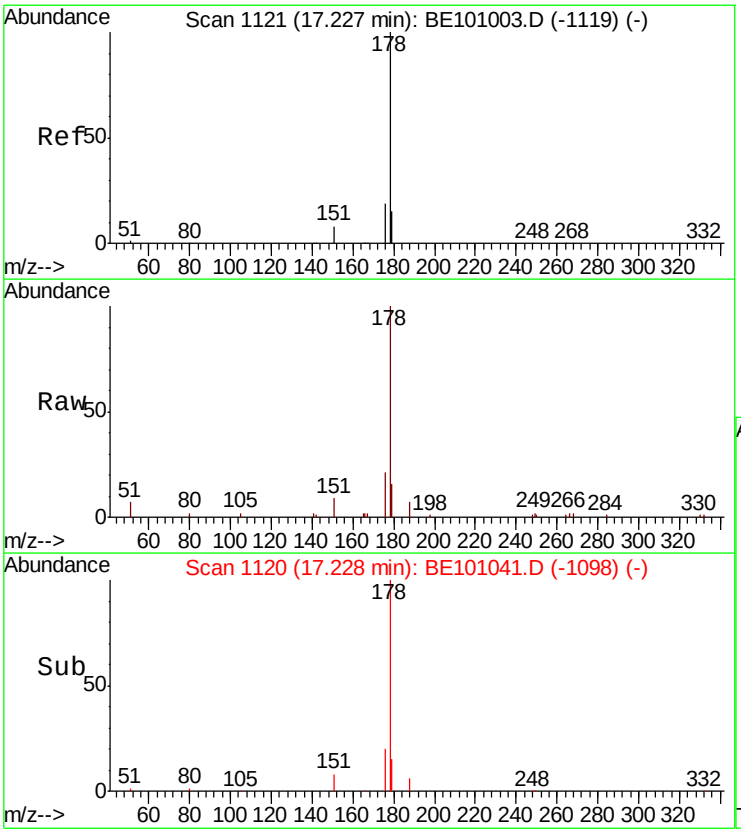
#23
Phenanthrene
Concen: 0.374 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17296

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.6	12.0	18.0

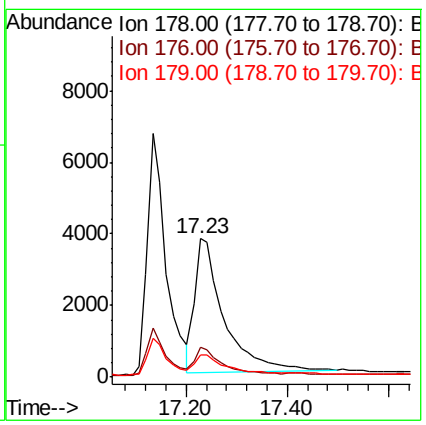


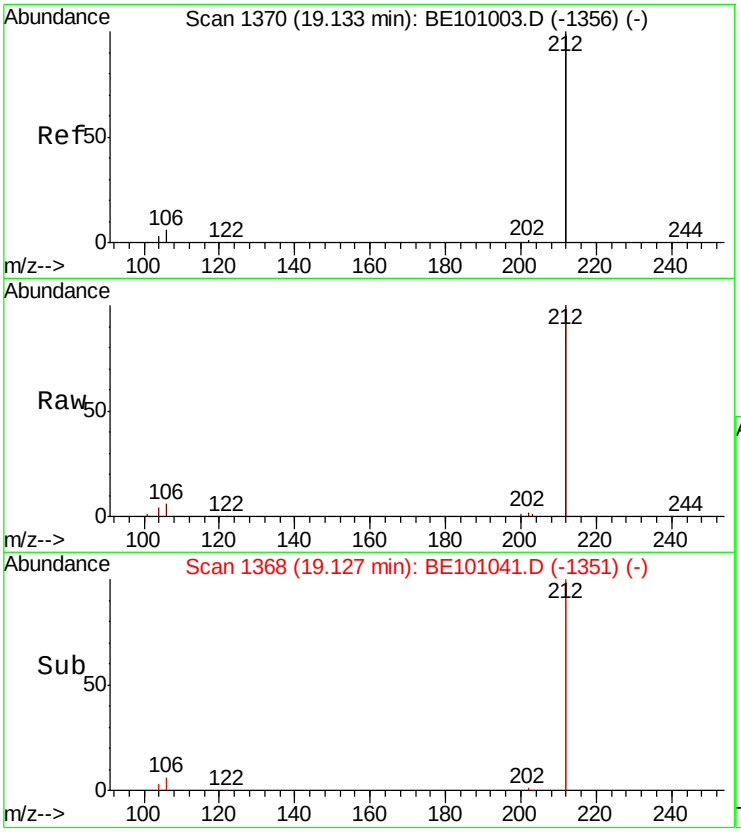


#24
Anthracene
Concen: 0.346 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:178 Resp: 15121

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.8	22.2
179	14.4	12.4	18.6



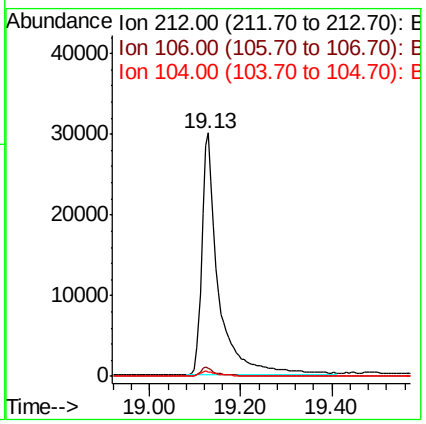


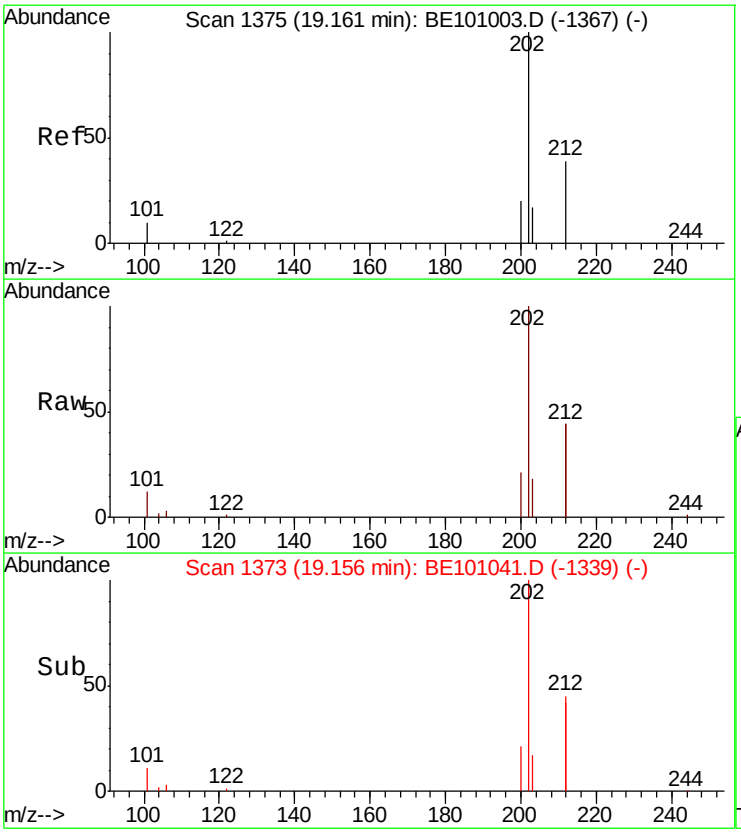
#25
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 75799

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.7	1.4	2.0

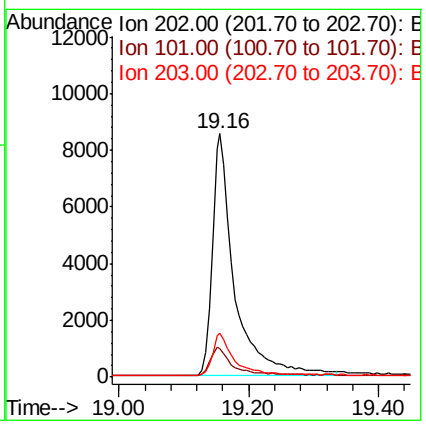


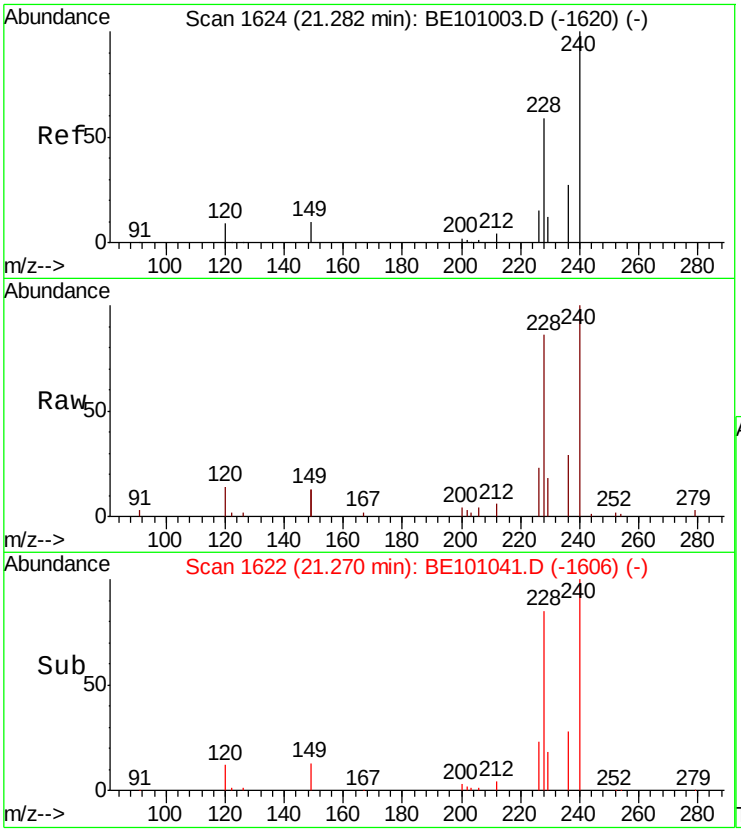


#26
Fluoranthene
Concen: 0.354 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:202 Resp: 20518

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
203	16.8	13.8	20.6



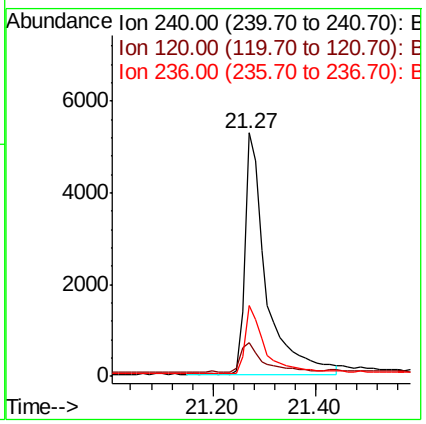


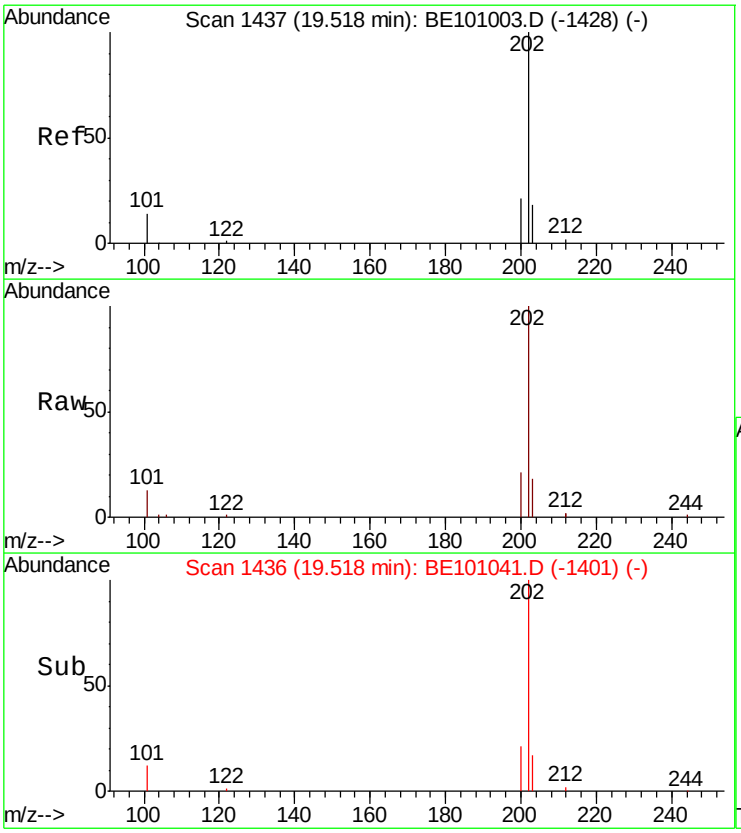
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 14835

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.6	13.0#
236	28.9	22.2	33.4

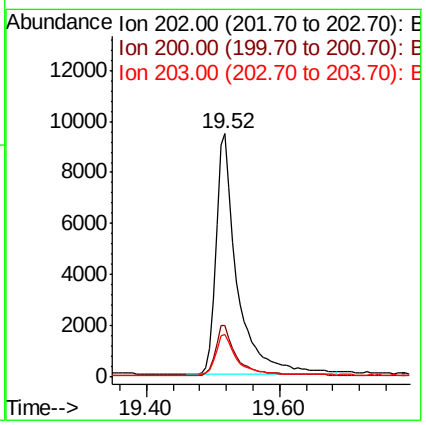


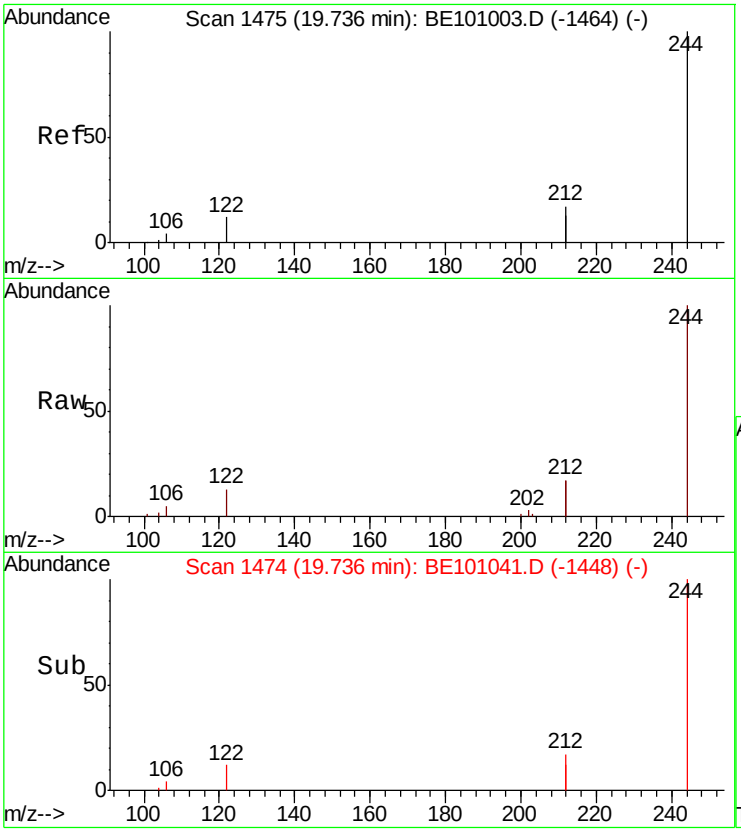


#28
Pyrene
Concen: 0.375 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:202 Resp: 20712

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.8	13.8	20.6



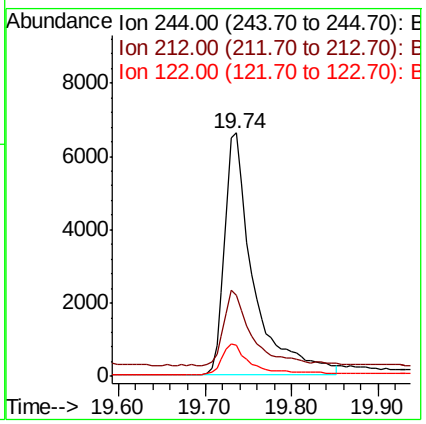


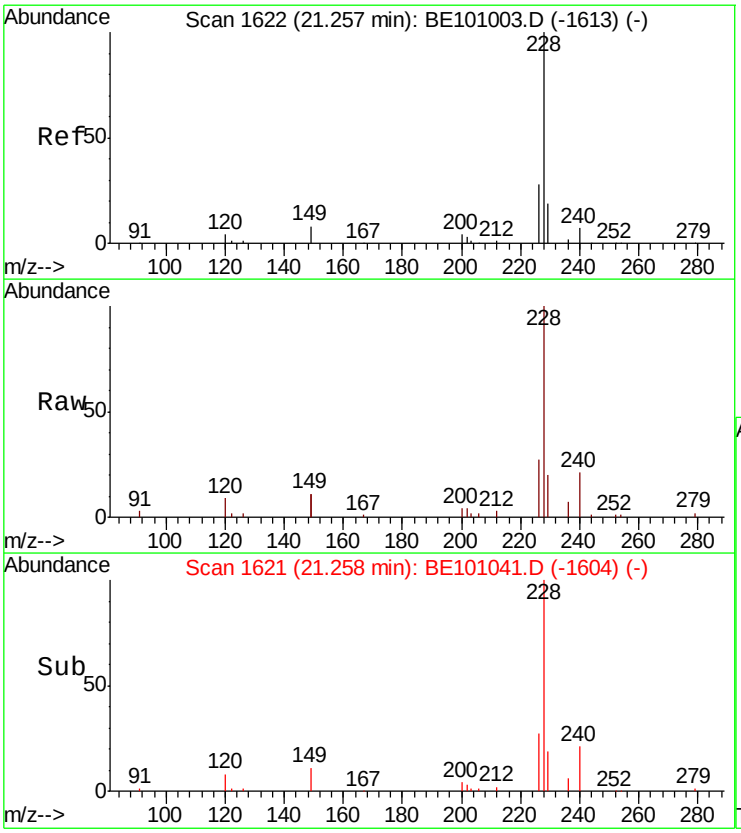
#29
Terphenyl-d14
Concen: 0.416 ng
RT: 19.74 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15159

Ion	Ratio	Lower	Upper
244	100		
212	33.3	27.2	40.8
122	12.6	9.8	14.8

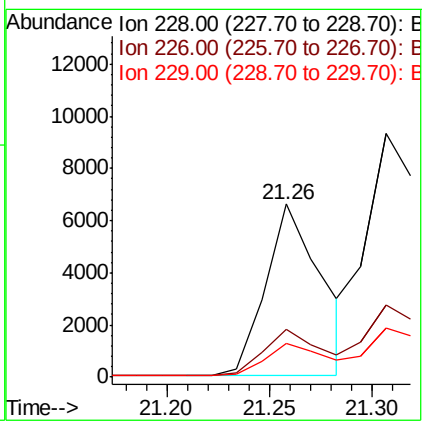


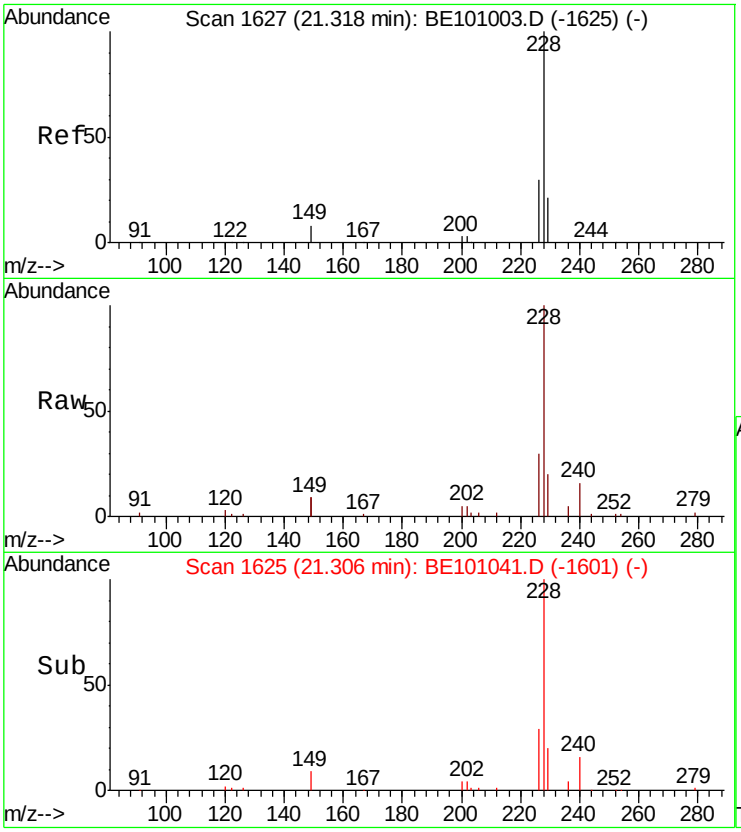


#30
Benzo(a)anthracene
Concen: 0.295 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:228 Resp: 12490

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	19.8	15.5	23.3



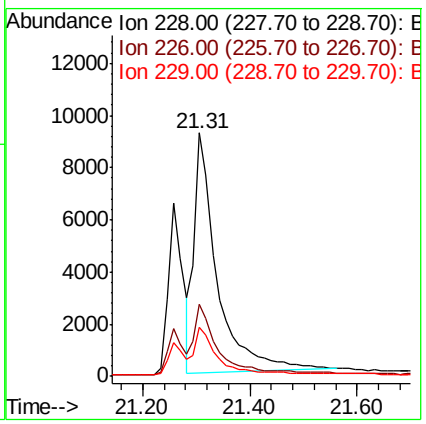


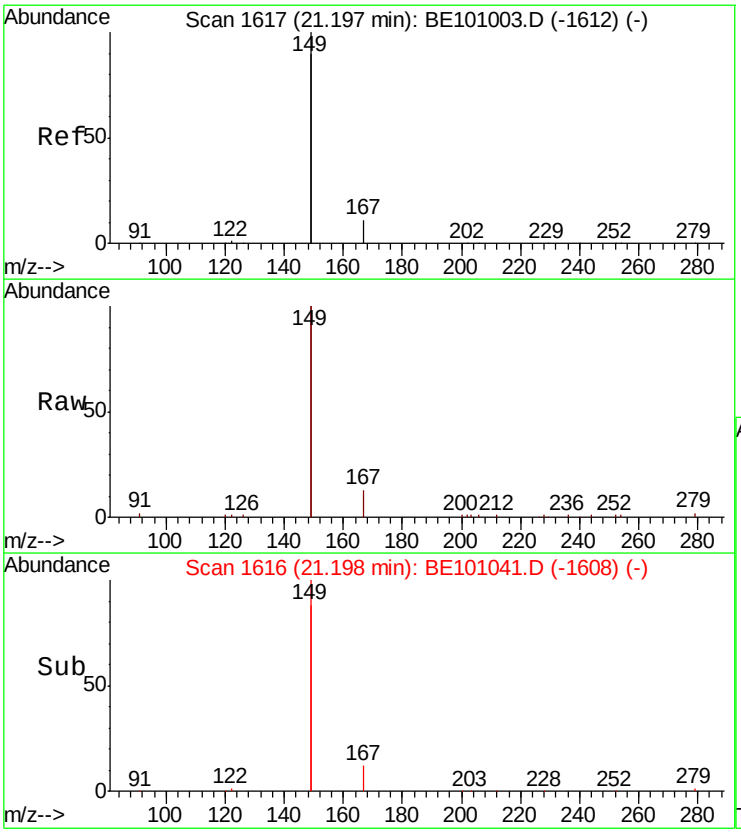
#31
Chrysene
Concen: 0.429 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26996

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	20.4	16.7	25.1

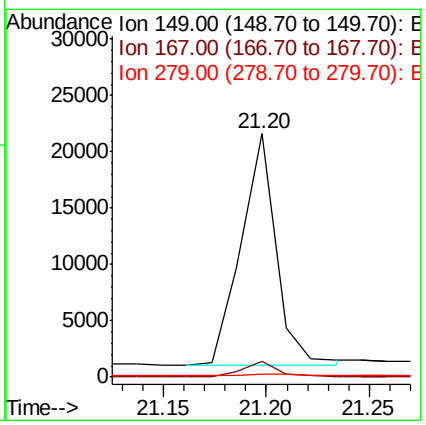


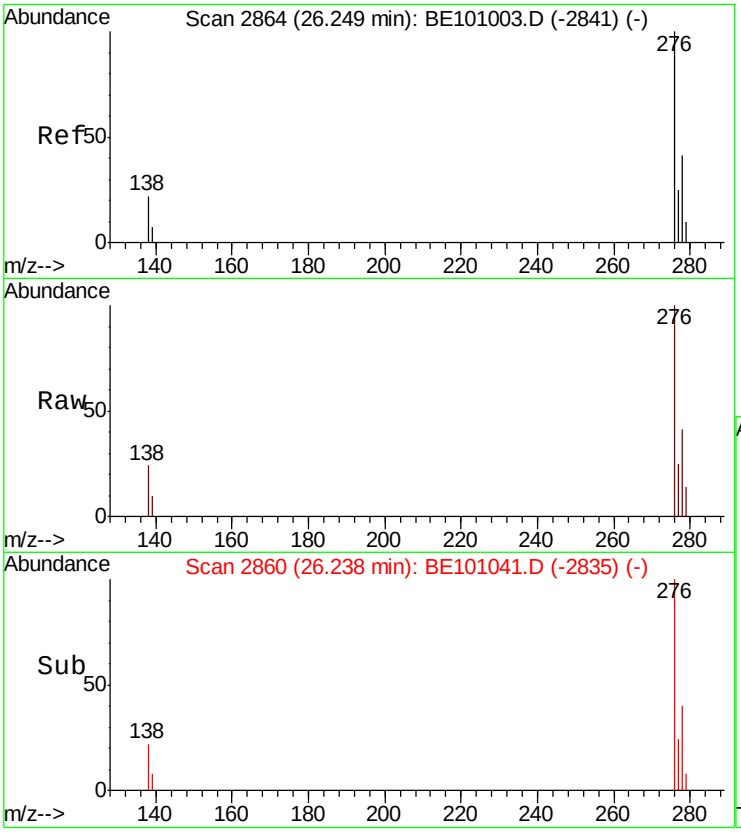


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:149 Resp: 24581

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	1.0	0.8	1.2



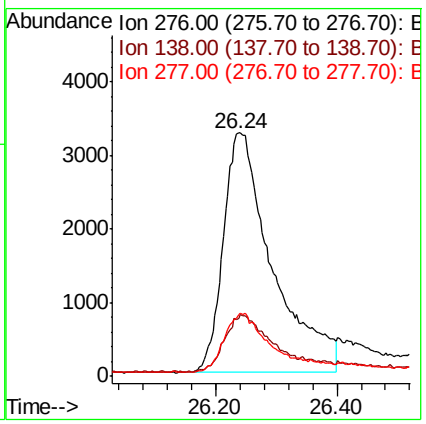


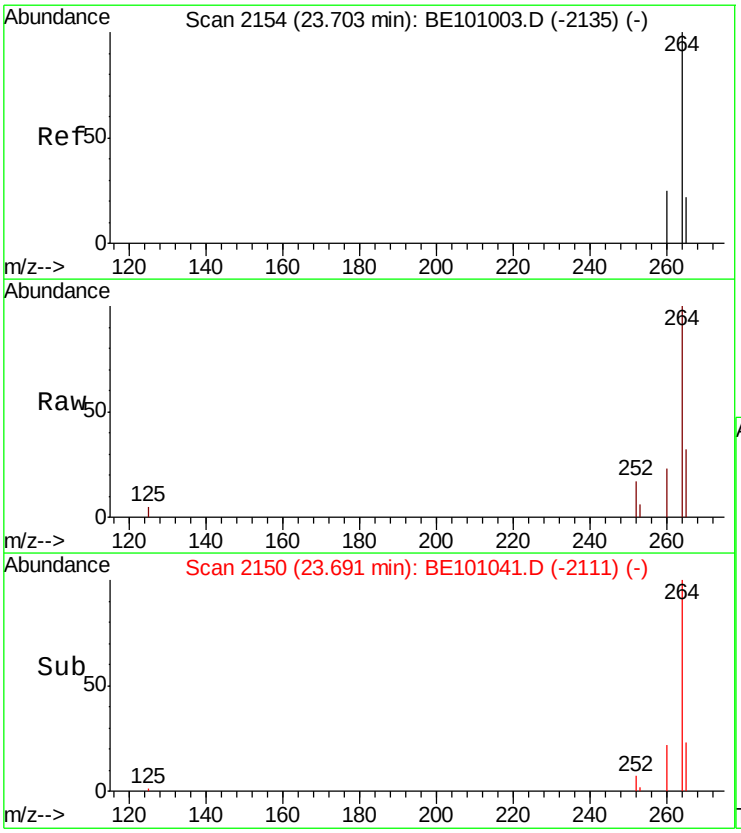
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18365

Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.1	24.1
277	23.6	18.1	27.1

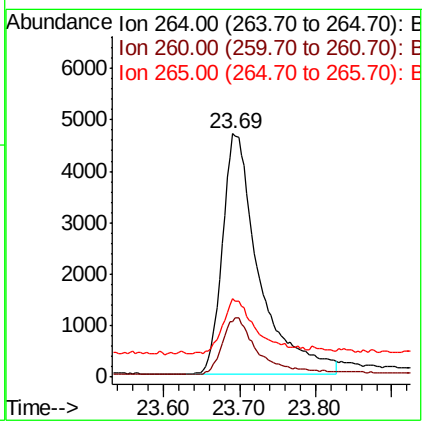


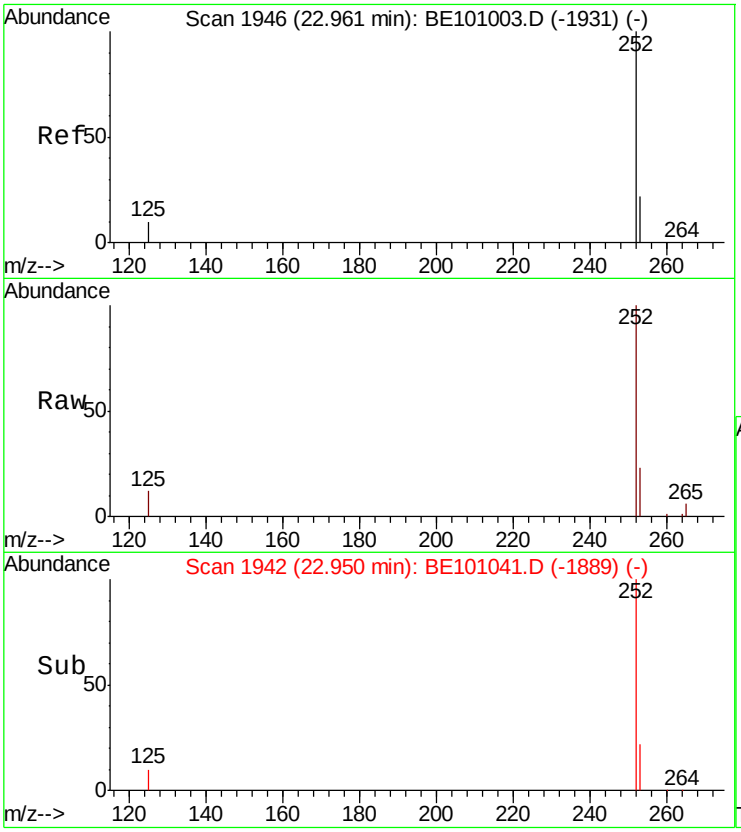


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:264 Resp: 15716

Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.3	30.5
265	32.1	27.0	40.4



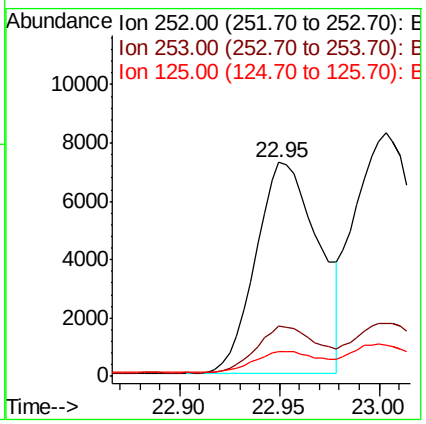


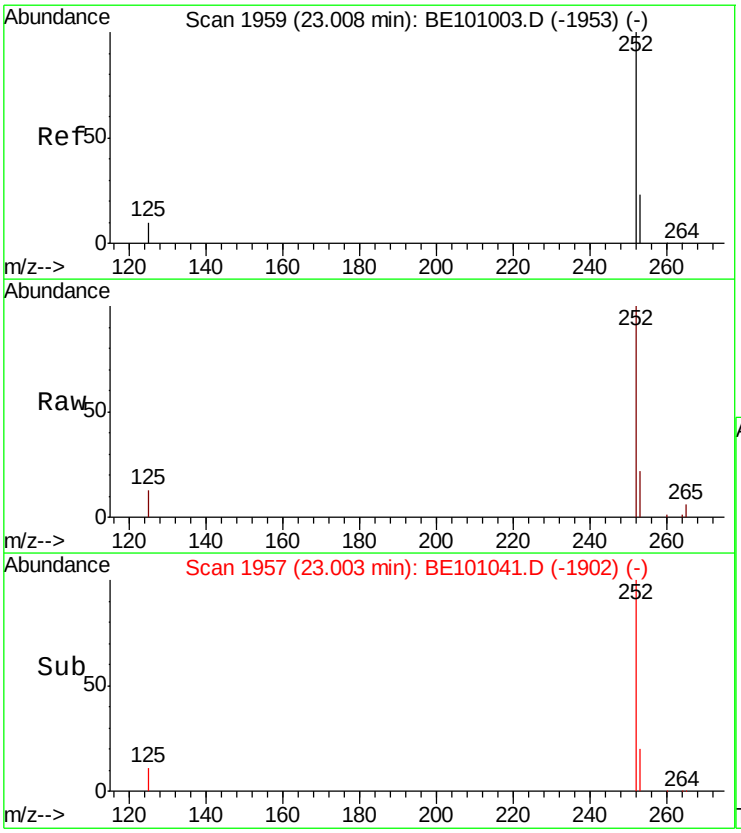
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15814

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.9	9.5	14.3

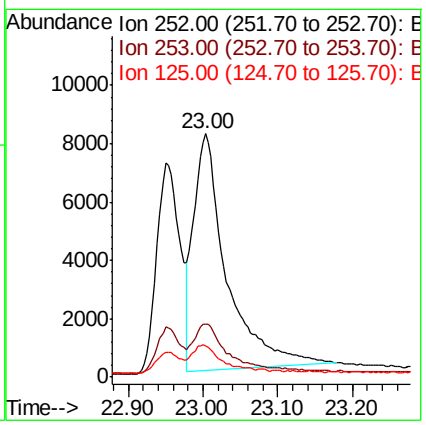


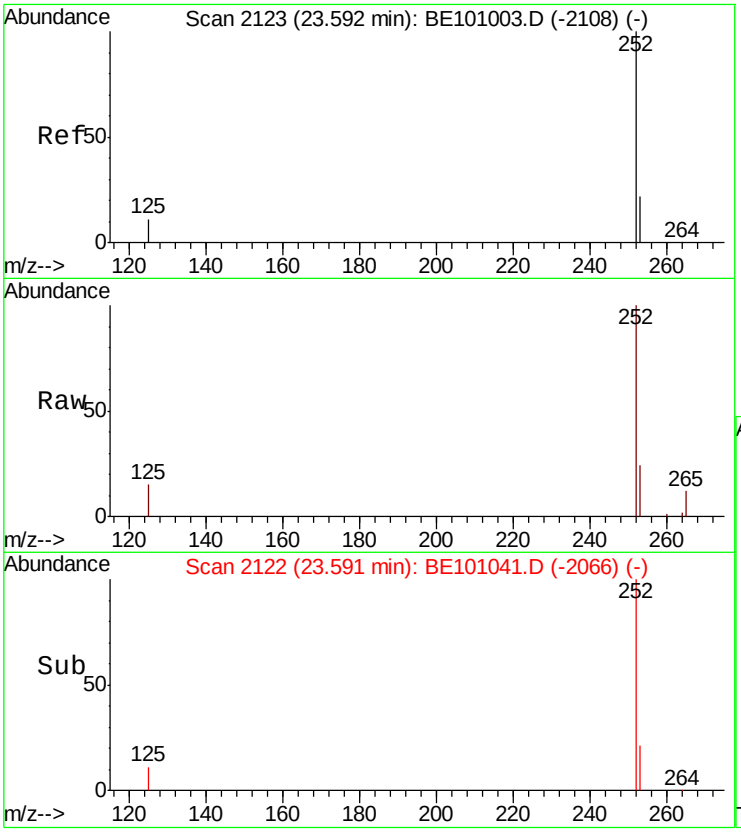


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:252 Resp: 24910

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.9	28.3
125	12.8	10.1	15.1



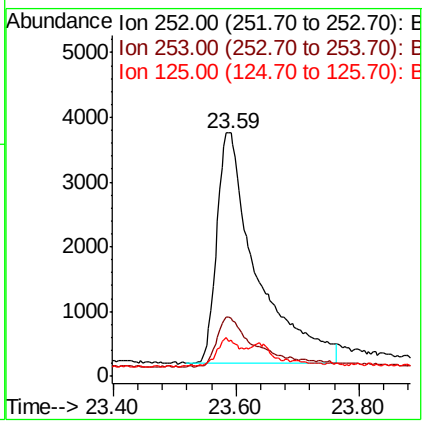


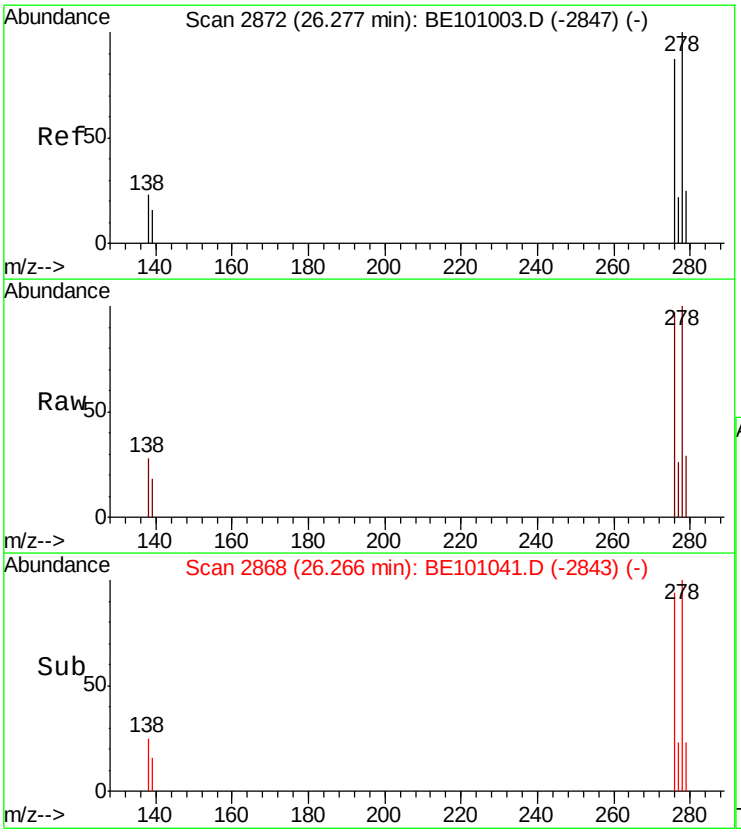
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.59 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16093

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	14.7	11.8	17.6

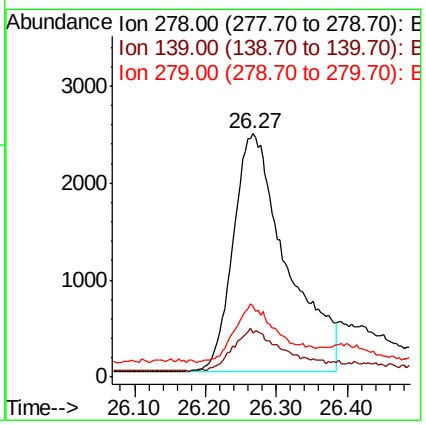


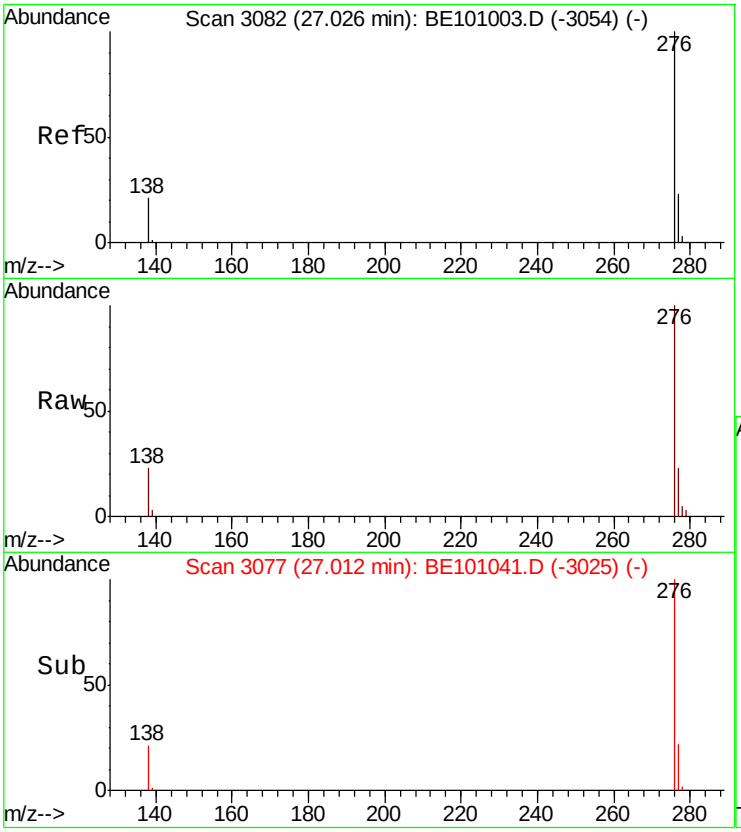


#38
Dibenzo(a,h)anthracene
Concen: 0.329 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Tgt Ion:278 Resp: 12916

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.0	22.4
279	29.2	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101041.D
Acq: 13 Jan 2020 16:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19244

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.2
138	22.8	17.9	26.9