Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101038.D
Acq On : 13 Jan 2020 14:46
Operator : JU
Sample : K3591-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 13 16:37:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3131	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13953	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8744	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19052	0.40	ng		0.00
27) Chrysene-d12	21.28	240	13499	0.40	ng		0.00
34) Perylene-d12	23.70	264	13783	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2146	0.30	ng		0.00
5) Phenol-d6	6.92	99	2198	0.25	ng		0.00
8) Nitrobenzene-d5	8.89	82	2270	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.12	152	8442	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	459	0.19	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12635	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	72127	0.27	ng		0.00
29) Terphenyl-d14	19.74	244	14688	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1121	0.140	ng	#	70
3) n-Nitrosodimethylamine	3.61	42	271	0.062	ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	643	0.061	ng		84
9) Naphthalene	10.56	128	13640	0.088	ng	#	97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng		98
12) 2-Methylnaphthalene	12.19	142	1944	0.083	ng		97
16) Acenaphthylene	14.08	152	2057	0.058	ng		97
17) Acenaphthene	14.43	154	2006	0.079	ng		99
18) Fluorene	15.41	166	2409	0.075	ng		95
20) 4-Bromophenyl-phenylether	16.32	248	659	0.071	ng		89
21) Hexachlorobenzene	16.41	284	819	0.080	ng		98
22) Pentachlorophenol	16.76	266	251	0.100	ng		91
23) Phenanthrene	17.15	178	3929	0.076	ng		97
24) Anthracene	17.15	178	3929	0.080	ng		96
26) Fluoranthene	19.16	202	4686	0.072	ng		100
28) Pyrene	19.52	202	4534	0.090	ng		99
30) Benzo(a)anthracene	21.32	228	4054	0.105	ng		92
31) Chrysene	21.32	228	5447	0.095	ng		95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5339	0.083	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.25	276	3108	0.069	ng	#	76
35) Benzo(b)fluoranthene	22.96	252	2582	0.067	ng	#	84
36) Benzo(k)fluoranthene	23.01	252	3706	0.066	ng	#	81
37) Benzo(a)pyrene	23.60	252	2697	0.072	ng	#	73
38) Dibenzo(a,h)anthracene	26.27	278	799	0.023	ng	#	64
39) Benzo(g,h,i)perylene	27.02	276	3312	0.078	ng	#	89

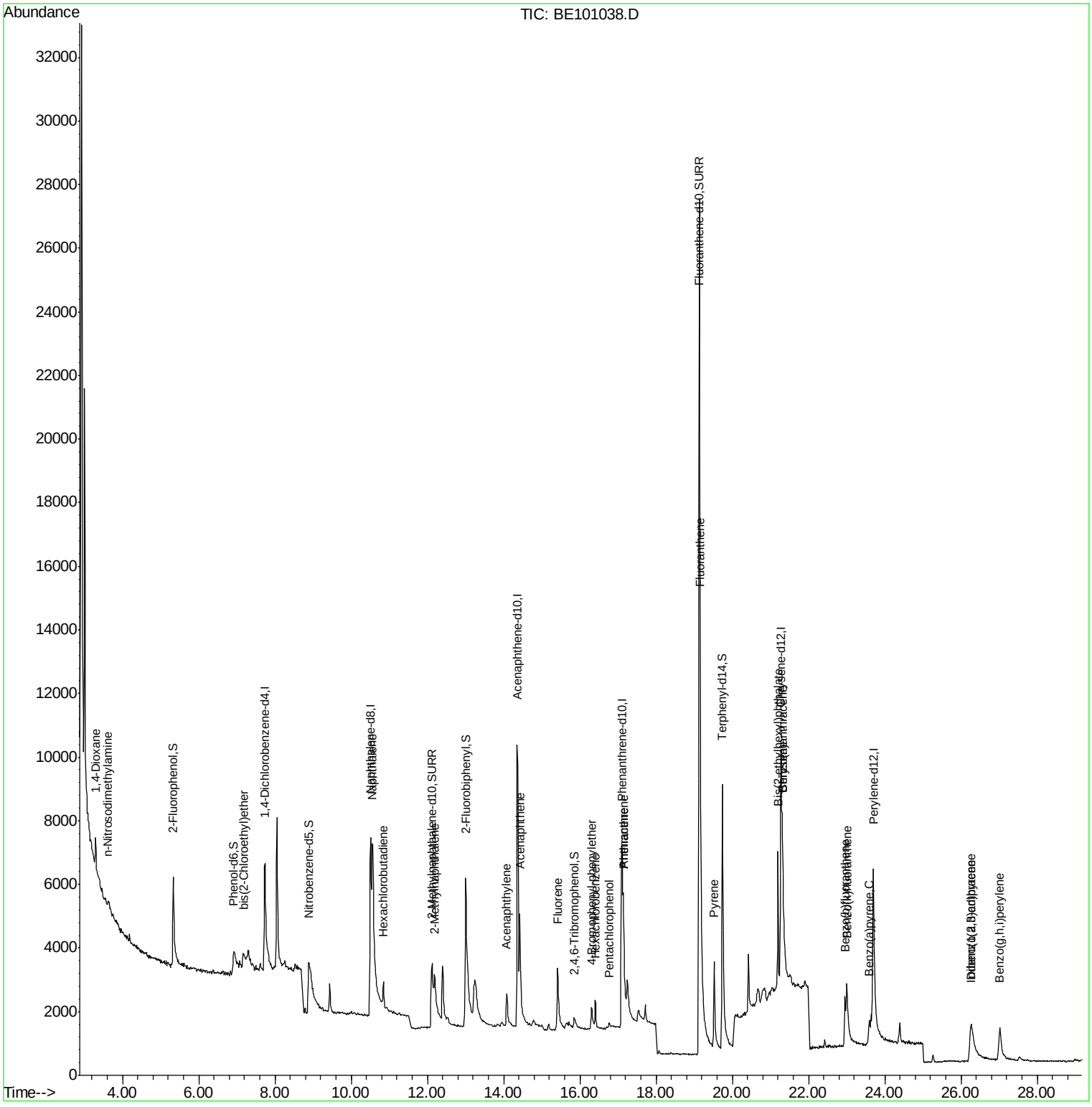
(#) = qualifier out of range (m) = manual integration (+) = signals summed

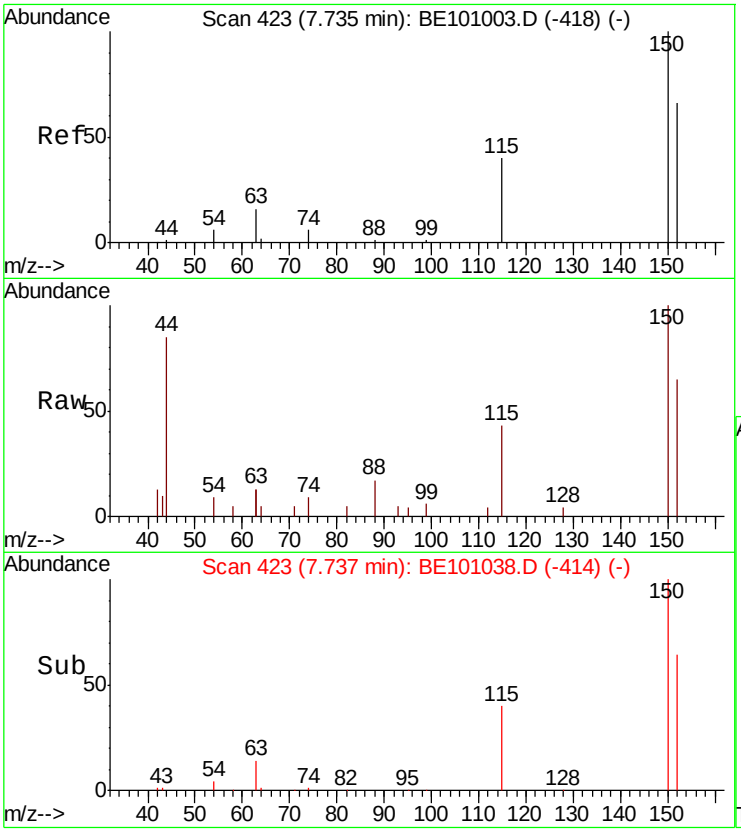
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101038.D
Acq On : 13 Jan 2020 14:46
Operator : JU
Sample : K3591-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 13 16:37:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:31:01 2020
Response via : Initial Calibration



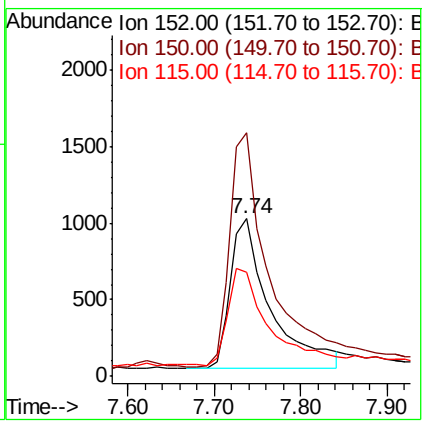


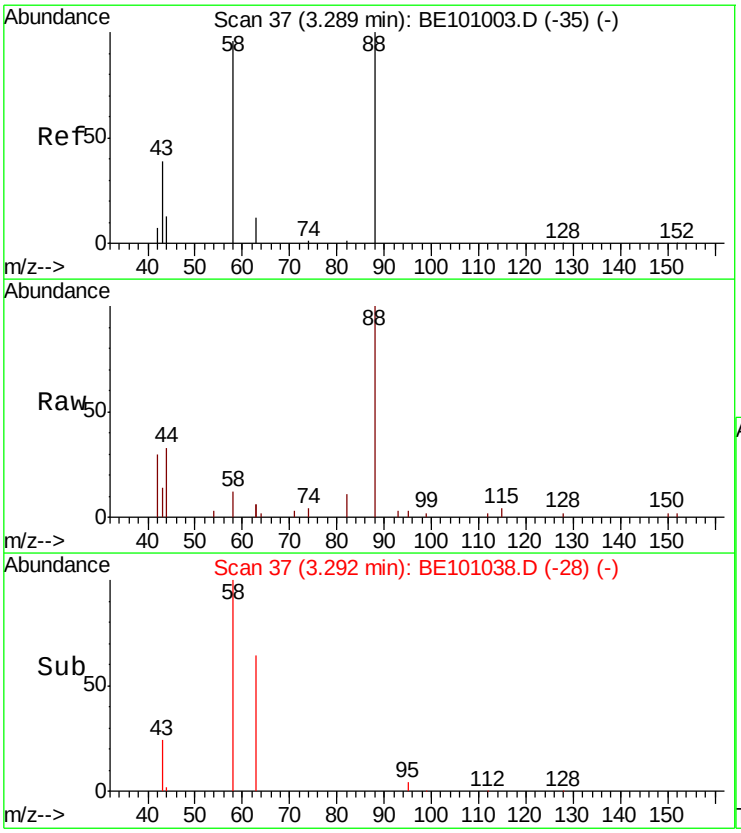
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3131

Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.3	180.5
115	66.0	51.7	77.5

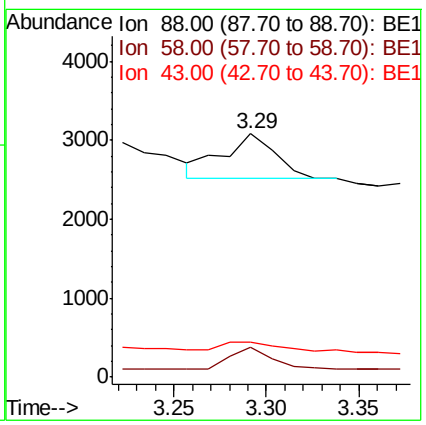


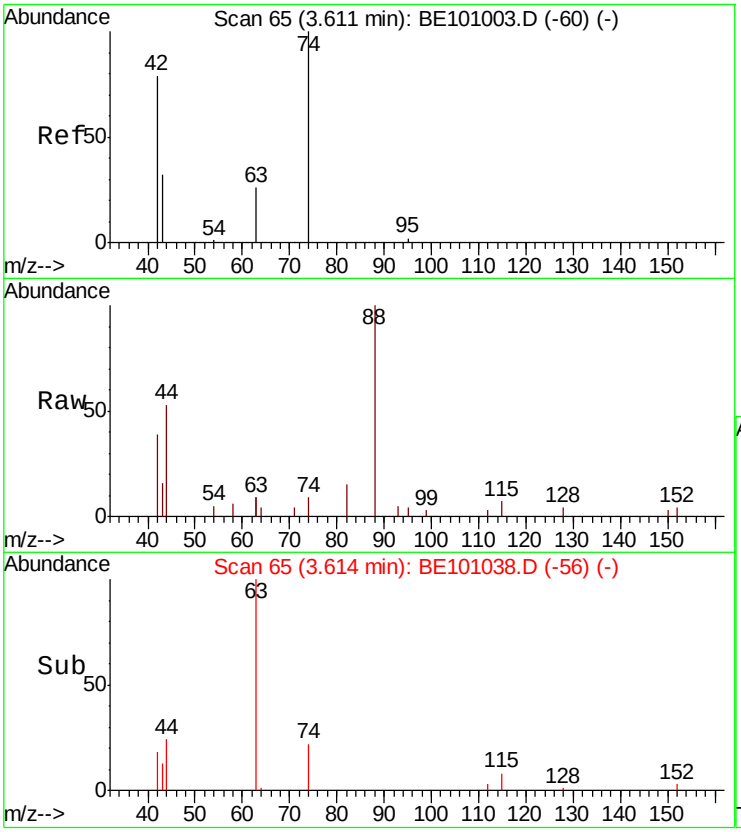


#2
1,4-Dioxane
Concen: 0.140 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion: 88 Resp: 1121

Ion	Ratio	Lower	Upper
88	100		
58	38.9	53.0	79.4#
43	18.5	23.4	35.2#



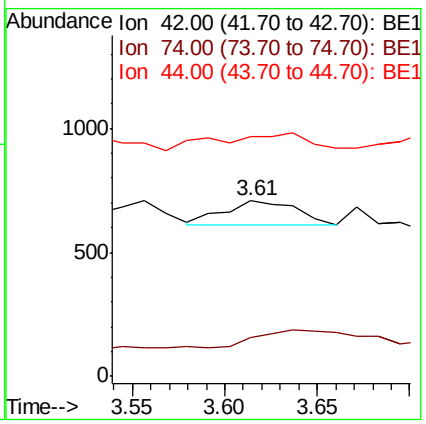


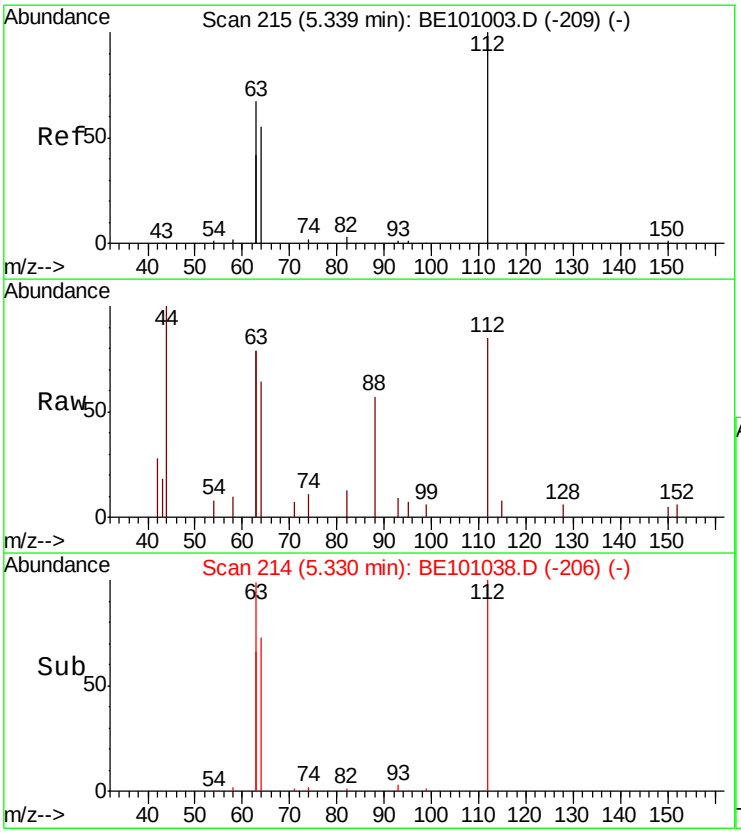
#3
n-Nitrosodimethylamine
Concen: 0.062 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 271

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

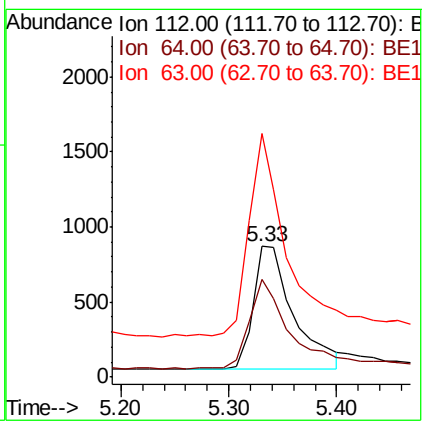


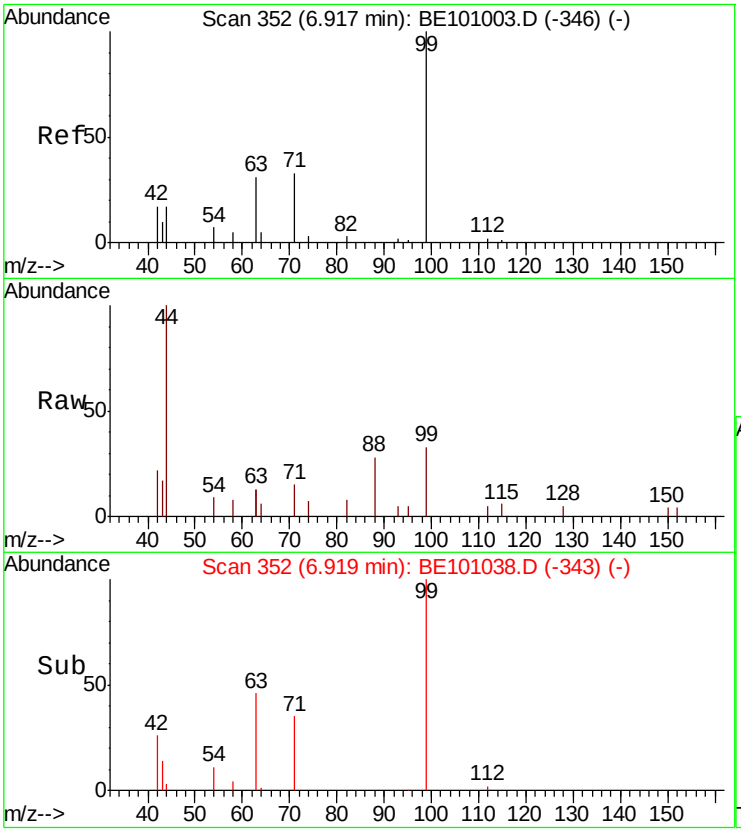


#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:112 Resp: 2146

Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.6	80.4
63	151.7	114.6	172.0



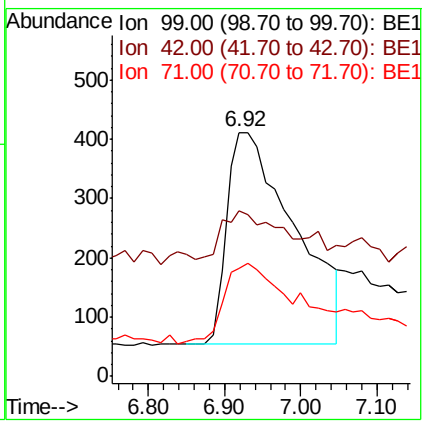


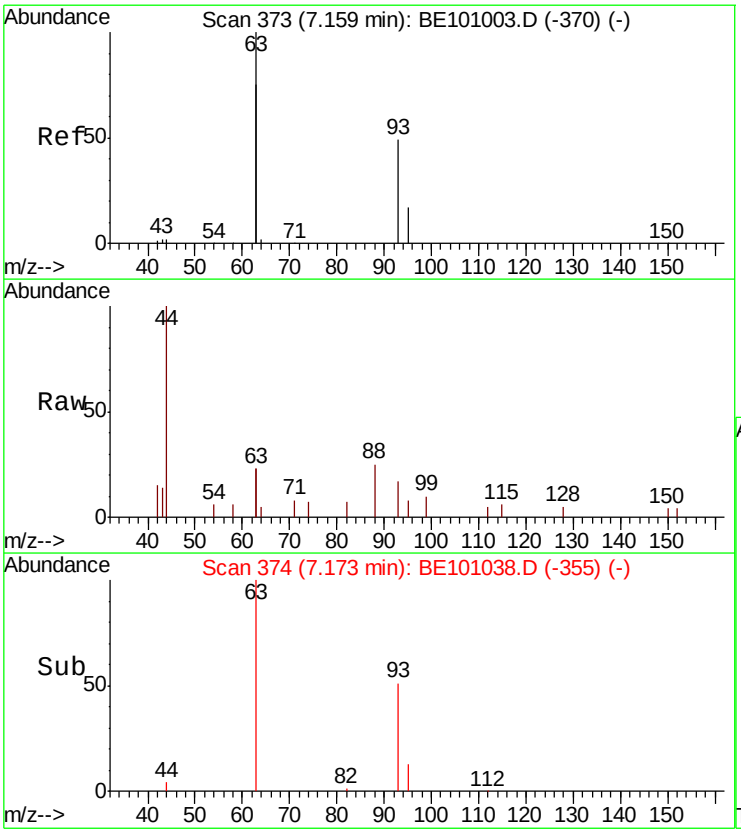
#5
Phenol-d6
Concen: 0.247 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2198

Ion	Ratio	Lower	Upper
99	100		
42	18.6	18.3	27.5
71	38.0	28.0	42.0

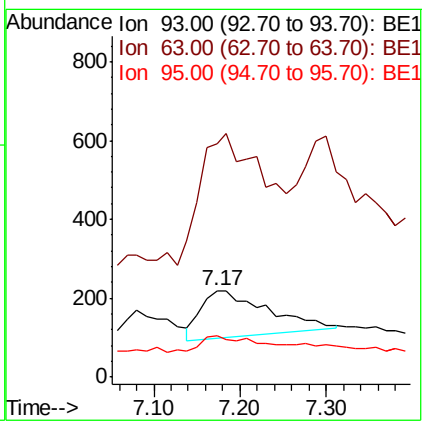


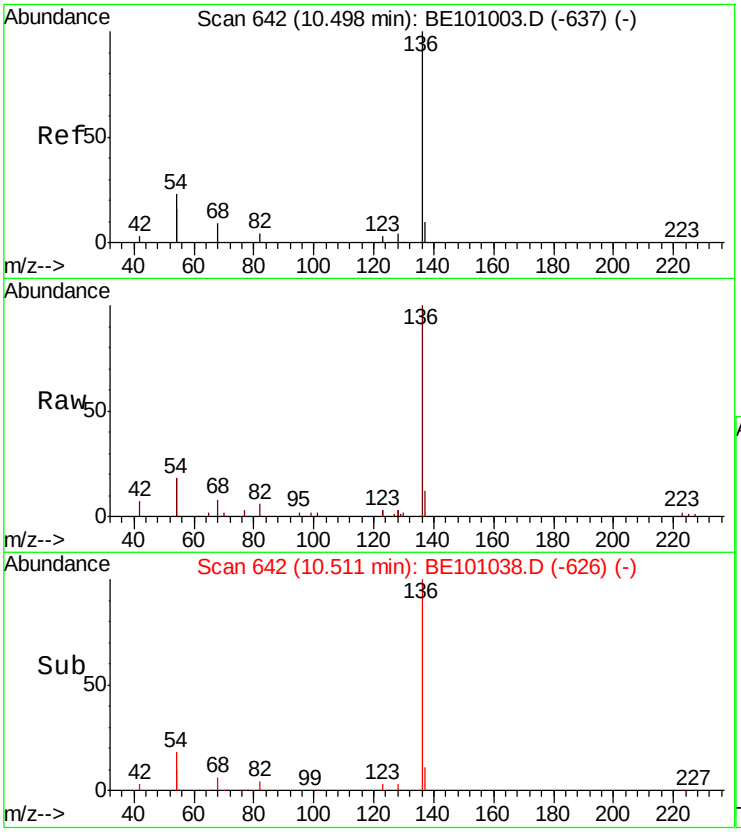


#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion: 93 Resp: 643

Ion	Ratio	Lower	Upper
93	100		
63	261.0	233.9	350.9
95	24.4	23.5	35.3



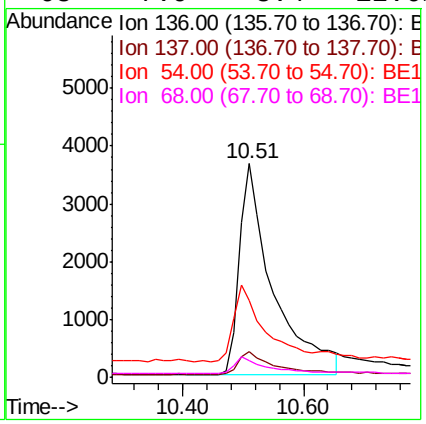


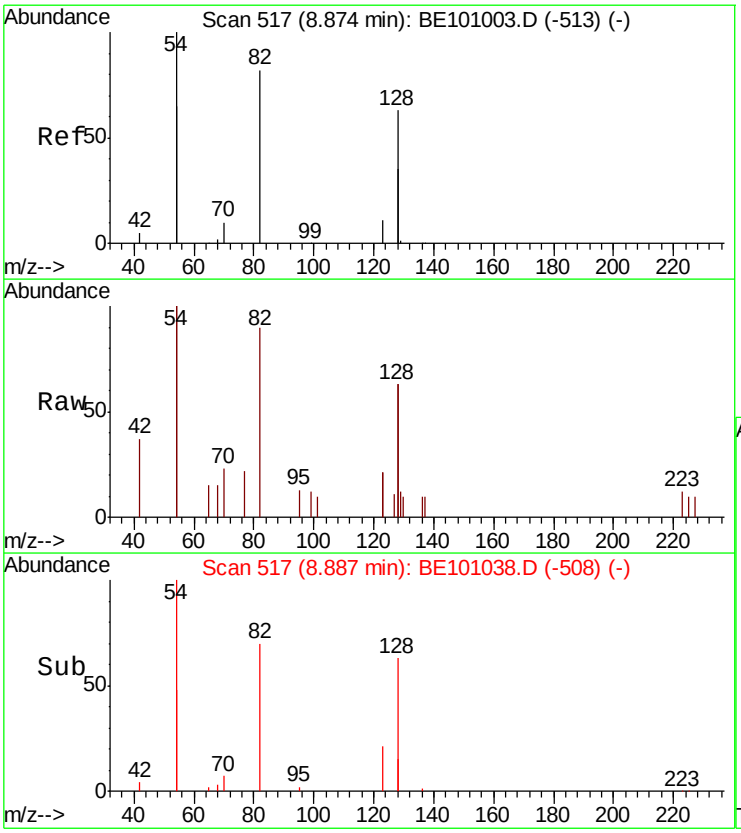
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13953

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	36.1	36.8	55.2#
68	7.9	8.4	12.6#

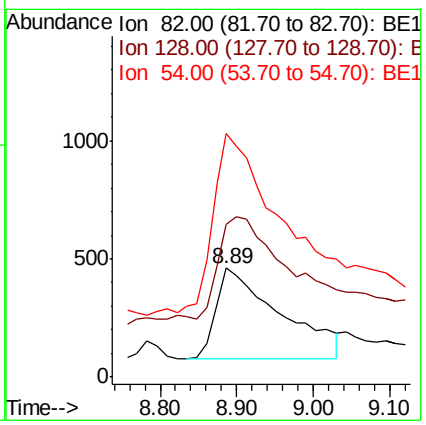


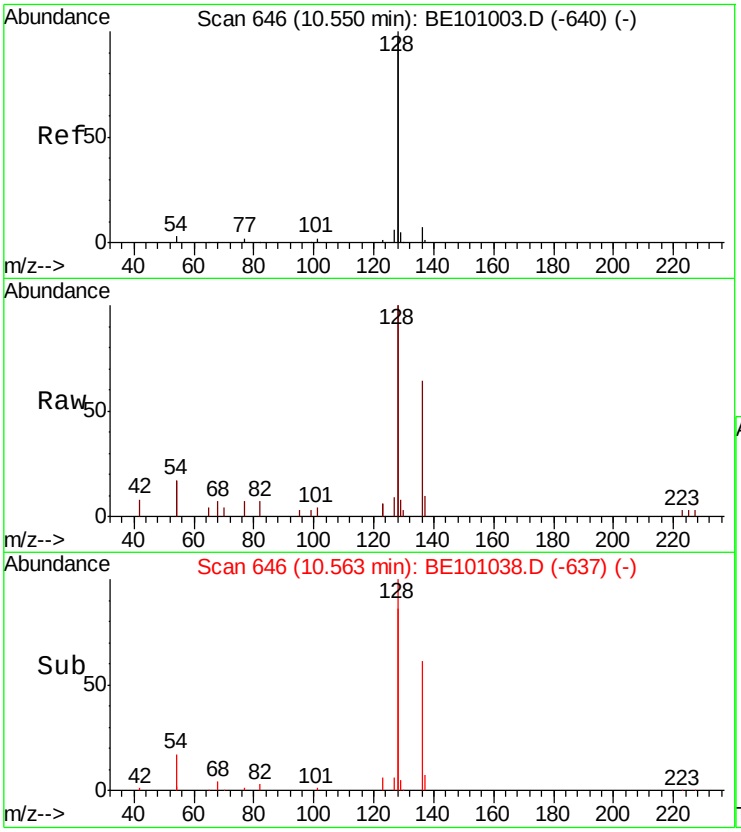


#8
Nitrobenzene-d5
Concen: 0.227 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion: 82 Resp: 2270

Ion	Ratio	Lower	Upper
82	100		
128	140.1	109.8	164.6
54	223.4	174.5	261.7



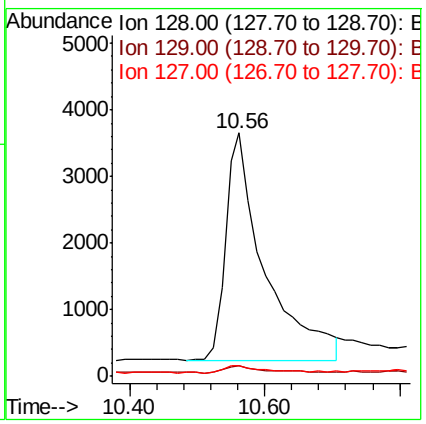


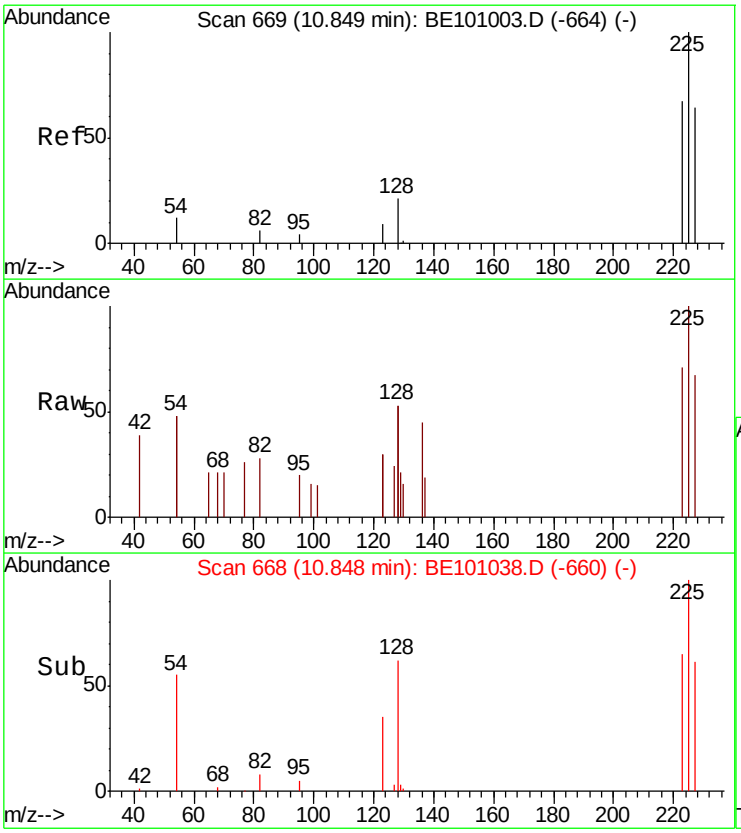
#9
Naphthalene
Concen: 0.088 ng
RT: 10.56 min Scan# 646
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13640

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.3	3.5#
127	4.3	2.7	4.1#

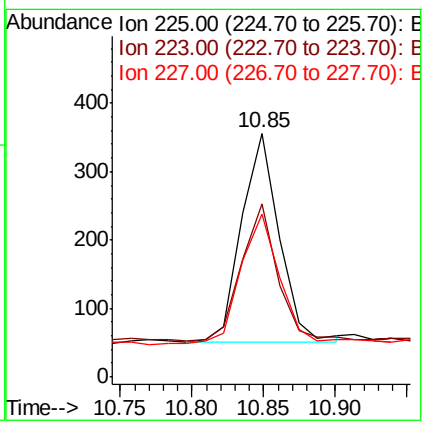


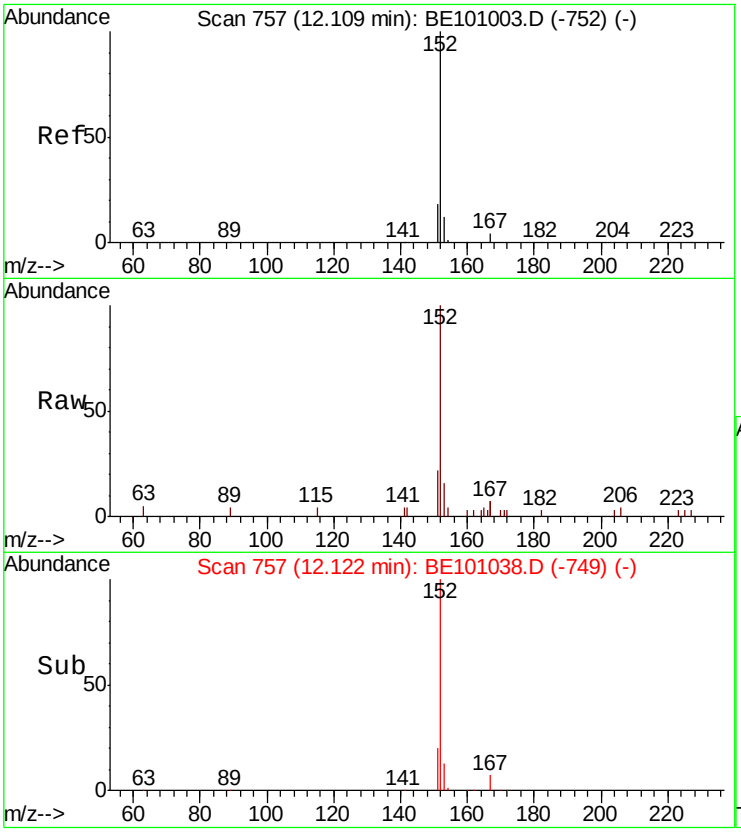


#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:225 Resp: 556

Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	63.8	49.9	74.9



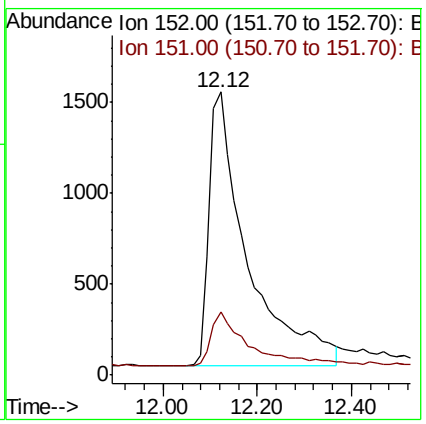


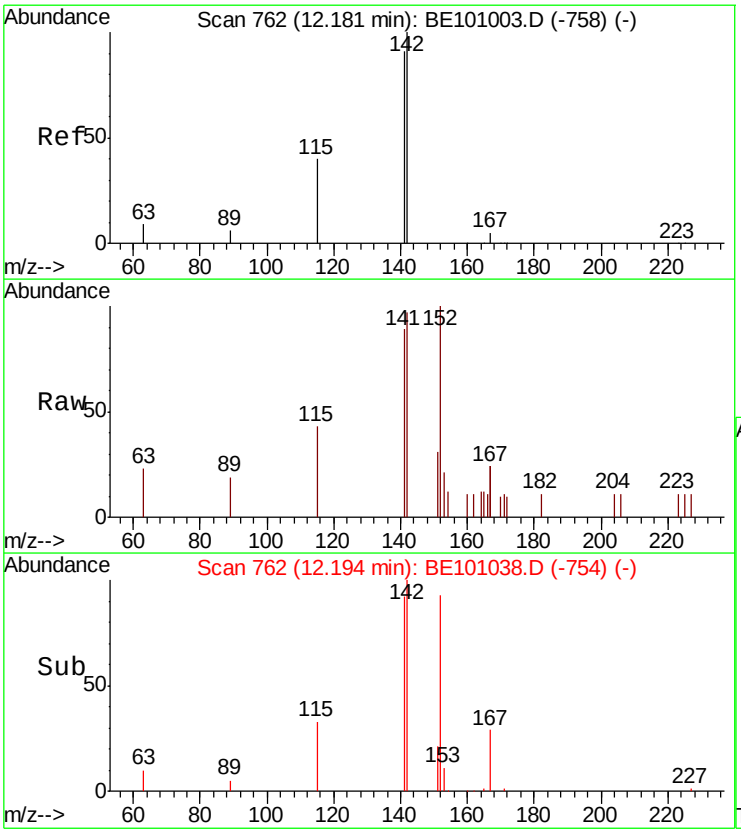
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8442

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

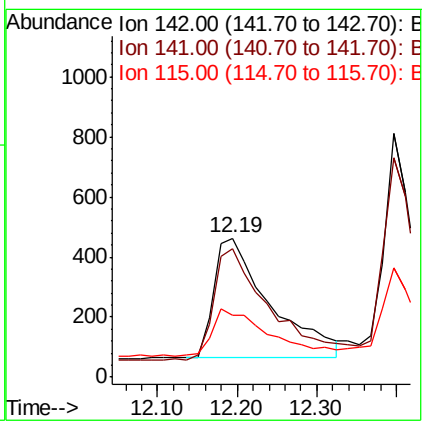


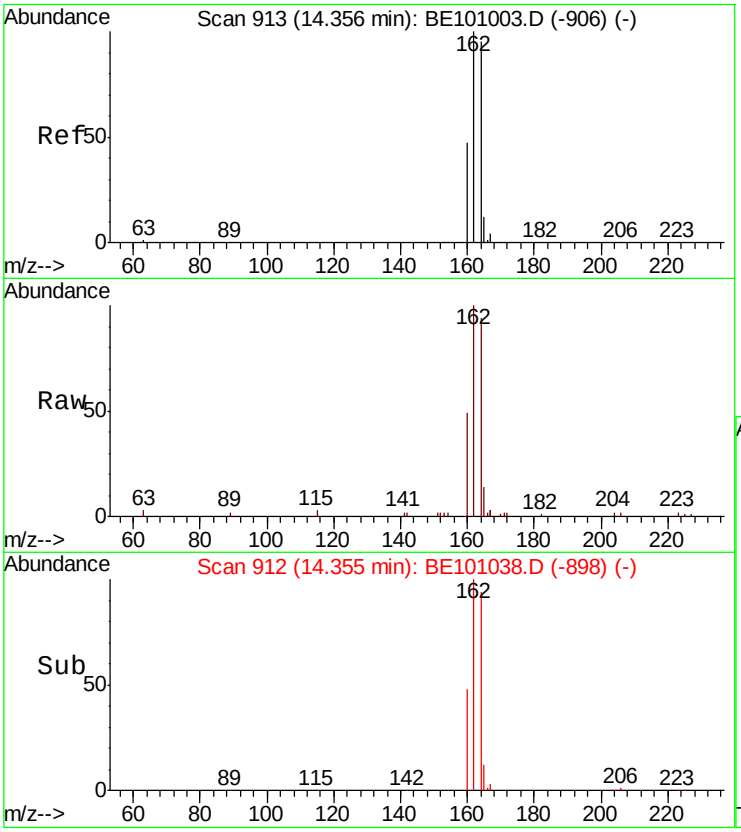


#12
2-Methylnaphthalene
Concen: 0.083 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:142 Resp: 1944

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.5	108.7
115	44.5	33.0	49.6



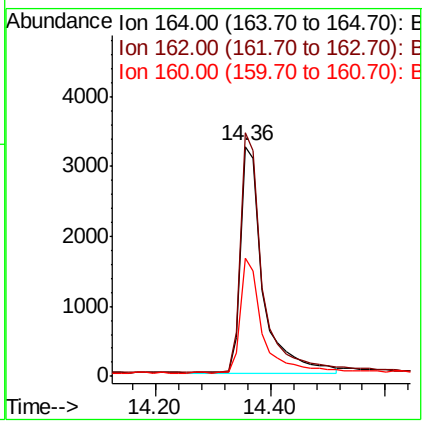


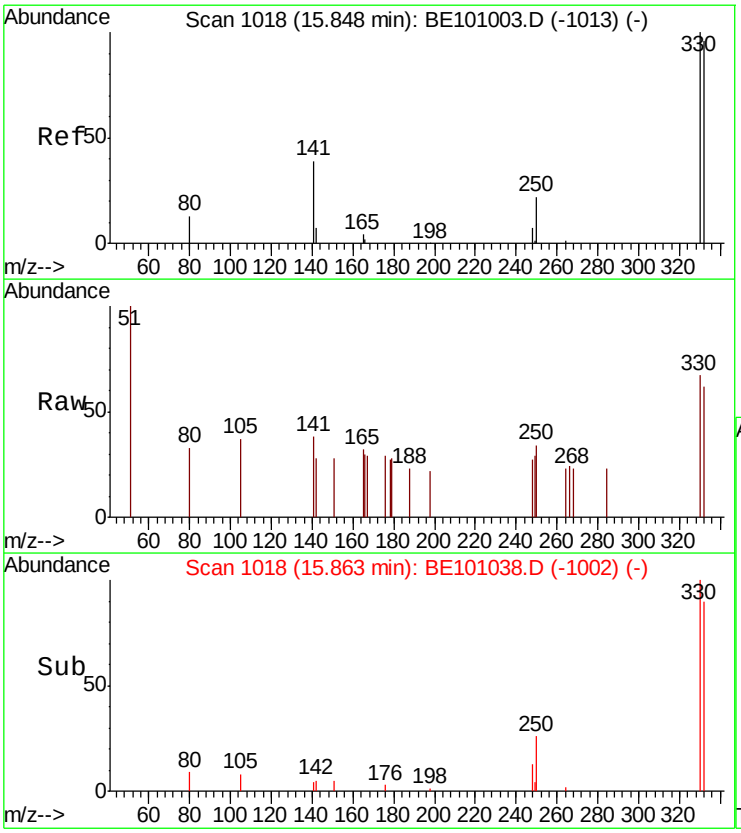
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8744

Ion	Ratio	Lower	Upper
164	100		
162	106.1	84.1	126.1
160	51.6	40.4	60.6

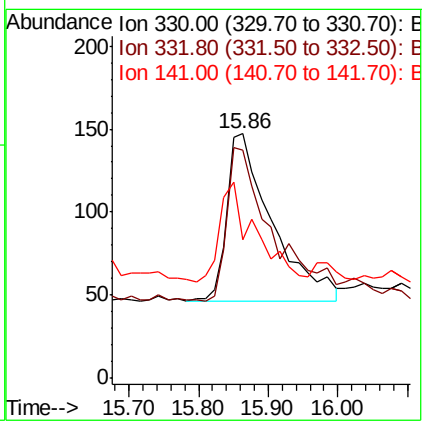


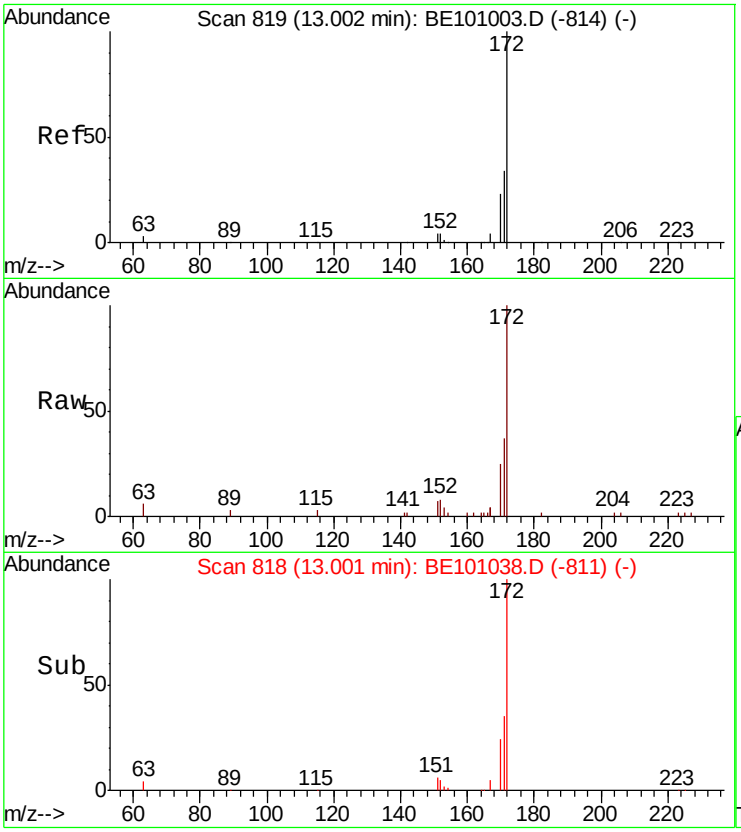


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	46.2	37.0	55.4



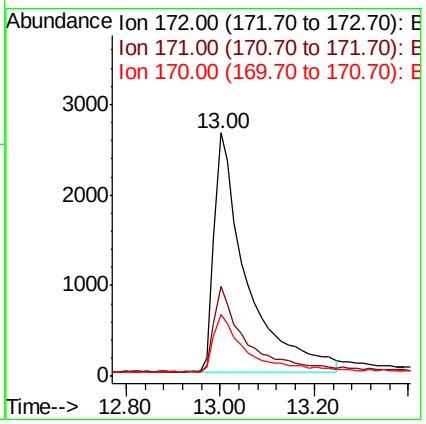


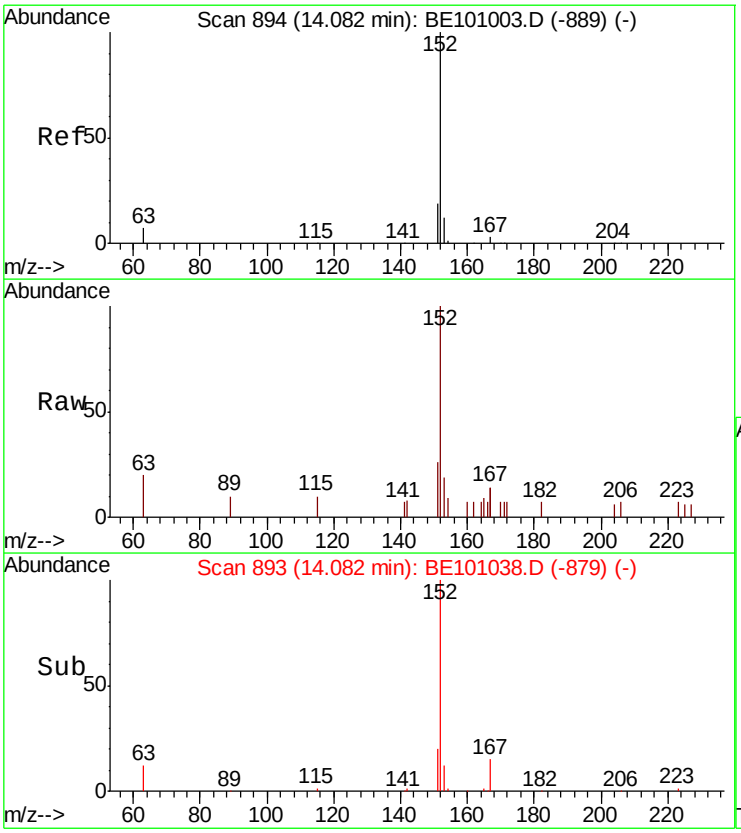
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12635

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.2
170	25.4	18.9	28.3

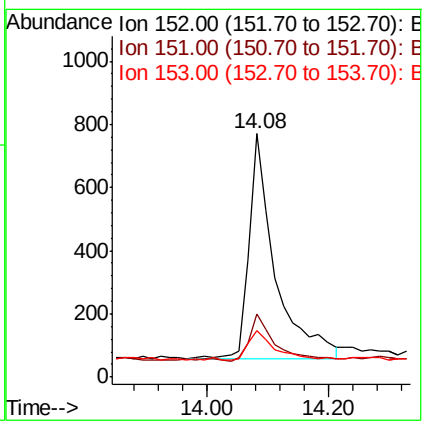


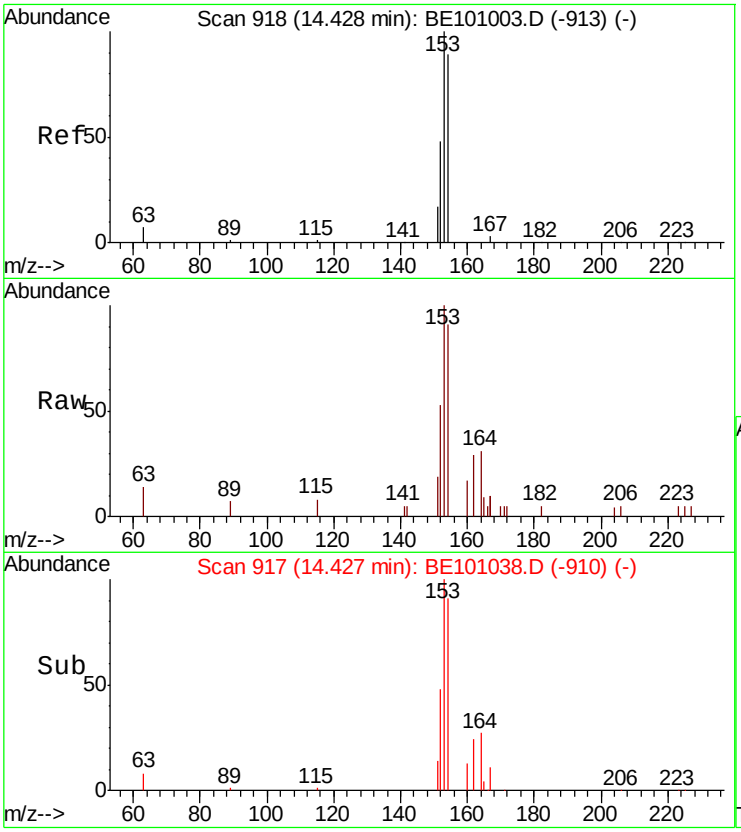


#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:152 Resp: 2057

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3
153	14.7	10.4	15.6



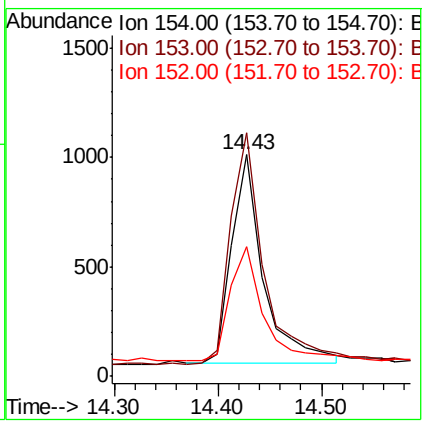


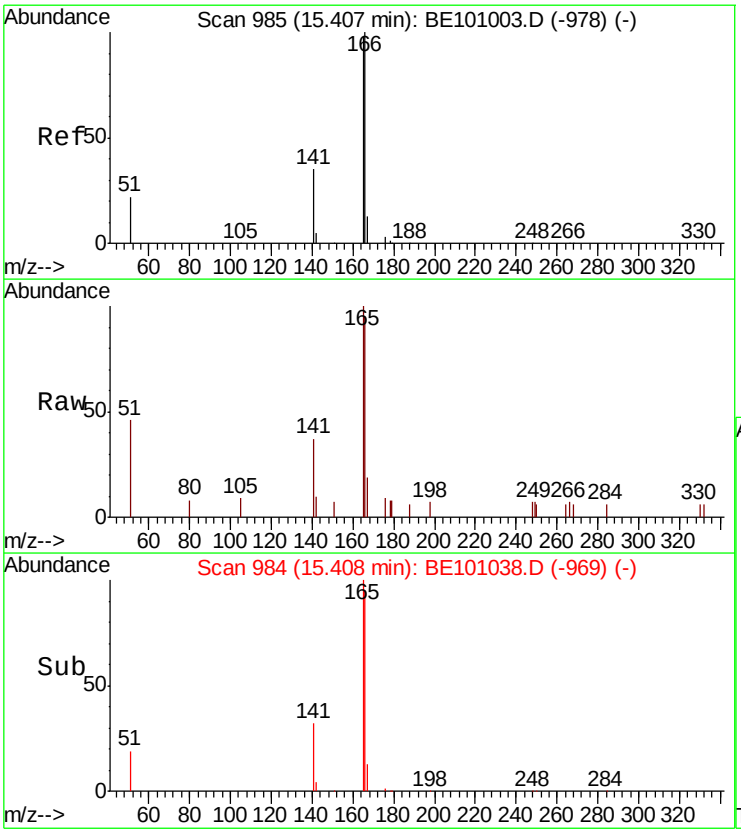
#17
Acenaphthene
Concen: 0.079 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2006

Ion	Ratio	Lower	Upper
154	100		
153	119.0	93.6	140.4
152	57.3	46.3	69.5

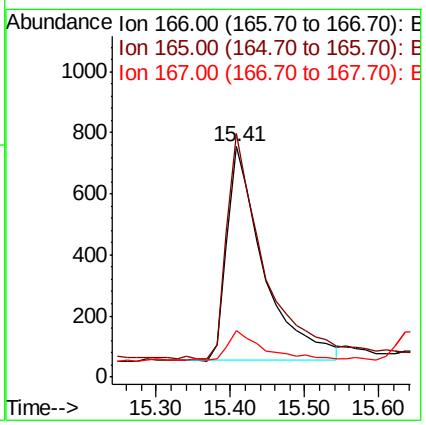


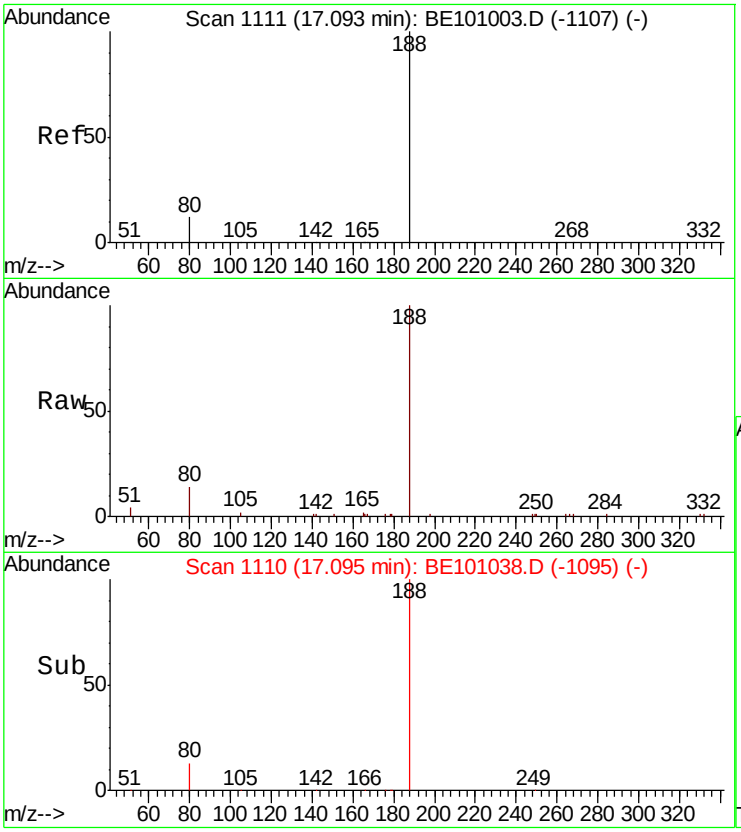


#18
Fluorene
Concen: 0.075 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:166 Resp: 2409

Ion	Ratio	Lower	Upper
166	100		
165	105.4	79.8	119.8
167	13.9	11.0	16.6



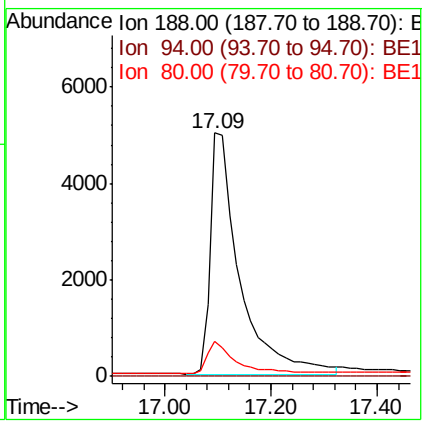


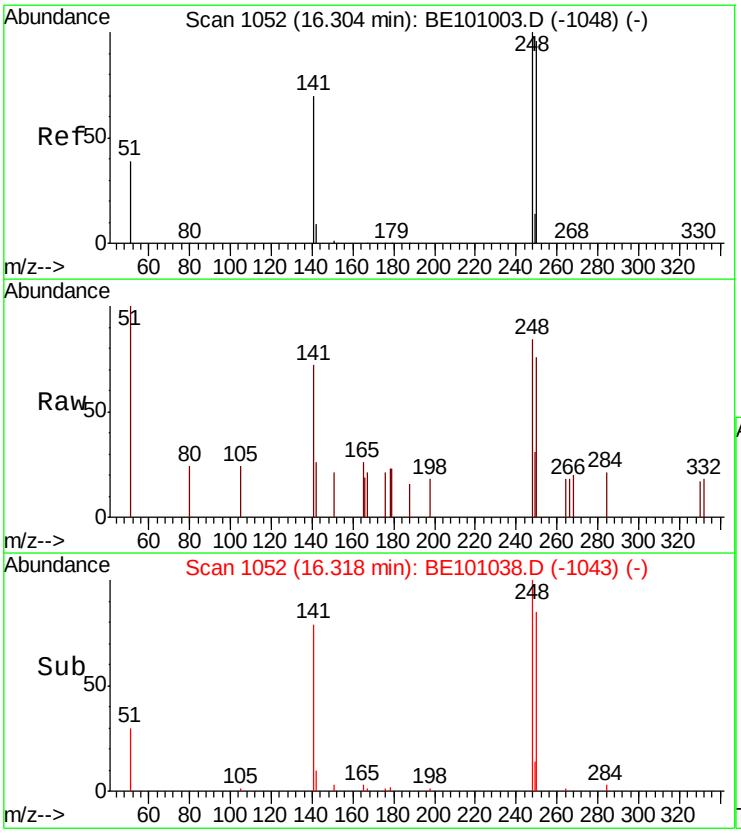
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19052

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.8	16.2

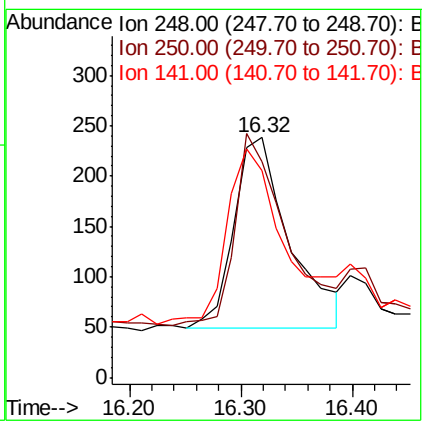


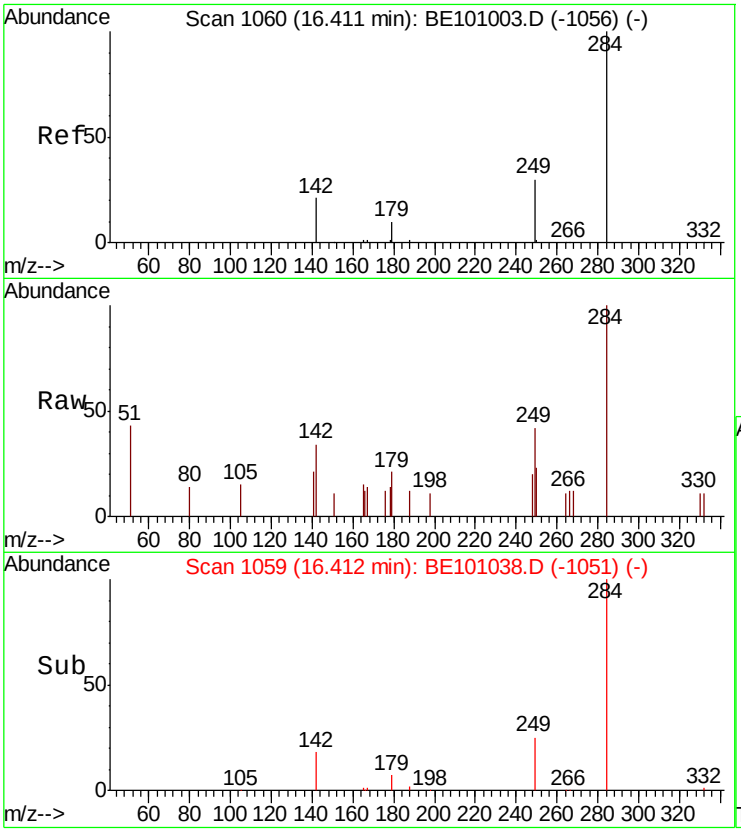


#20
4-Bromophenyl-phenylether
Concen: 0.071 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:248 Resp: 659

Ion	Ratio	Lower	Upper
248	100		
250	89.9	76.6	115.0
141	86.1	57.7	86.5



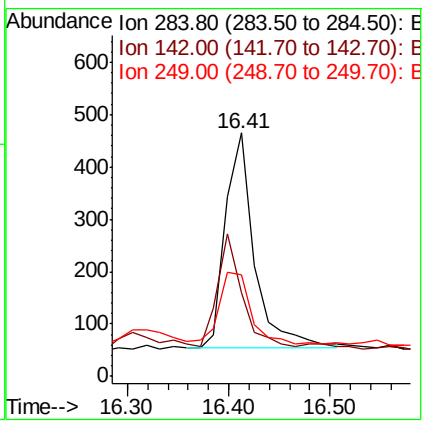


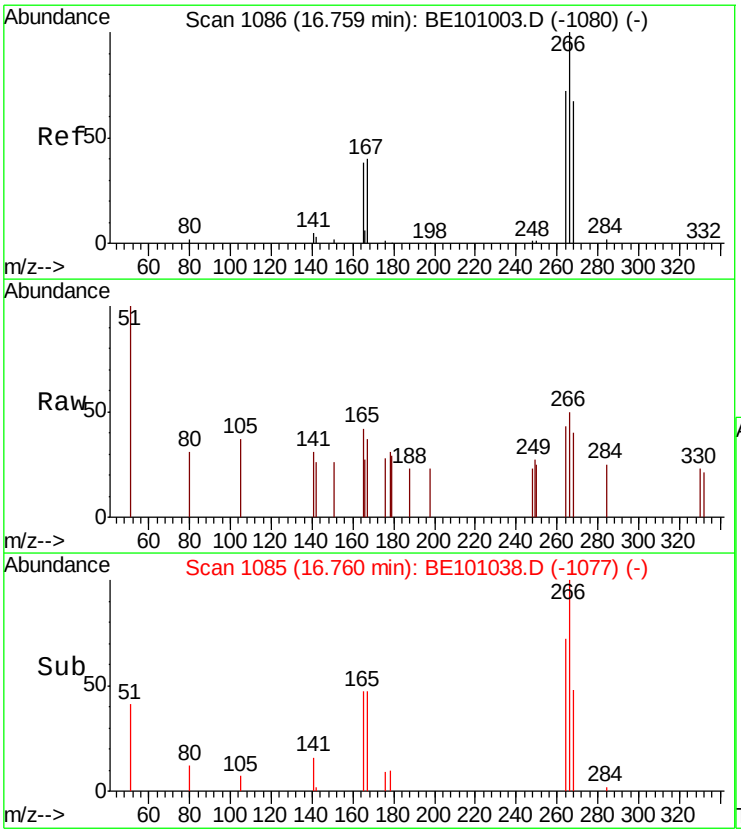
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 819

Ion	Ratio	Lower	Upper
284	100		
142	43.8	34.0	51.0
249	36.8	28.2	42.4

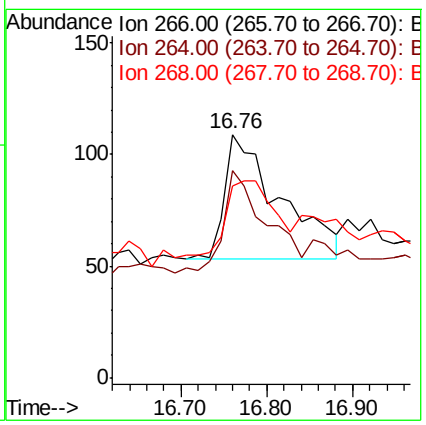


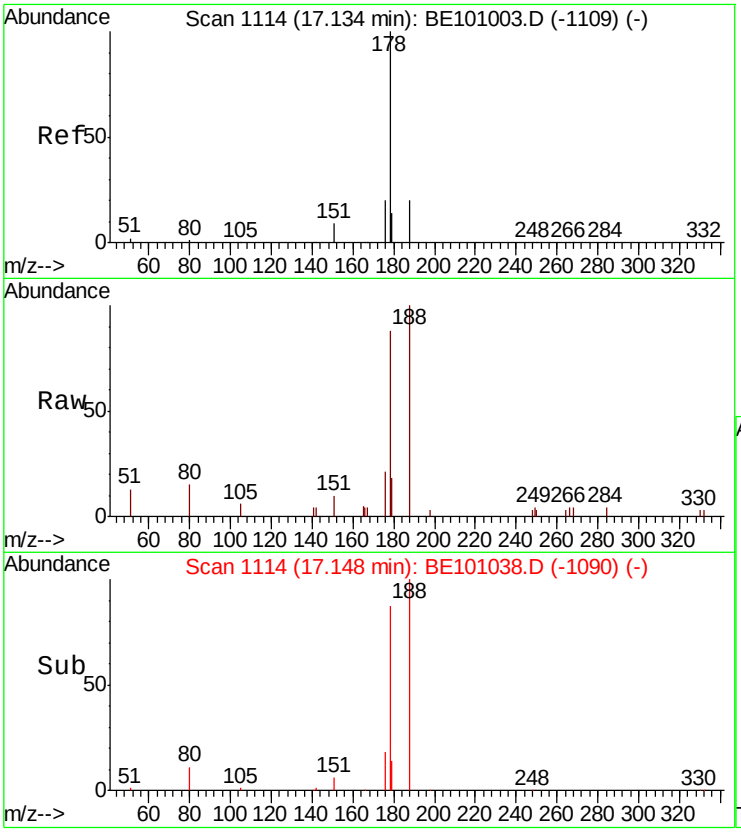


#22
Pentachlorophenol
Concen: 0.100 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:266 Resp: 251

Ion	Ratio	Lower	Upper
266	100		
264	85.3	61.0	91.4
268	78.9	58.5	87.7



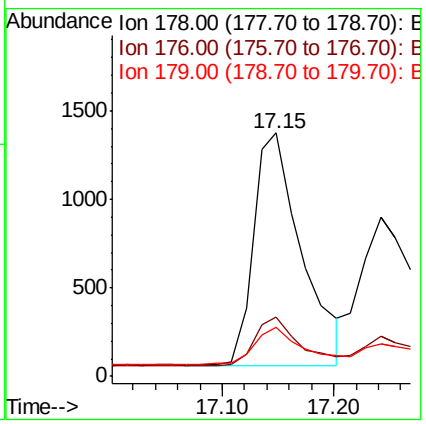


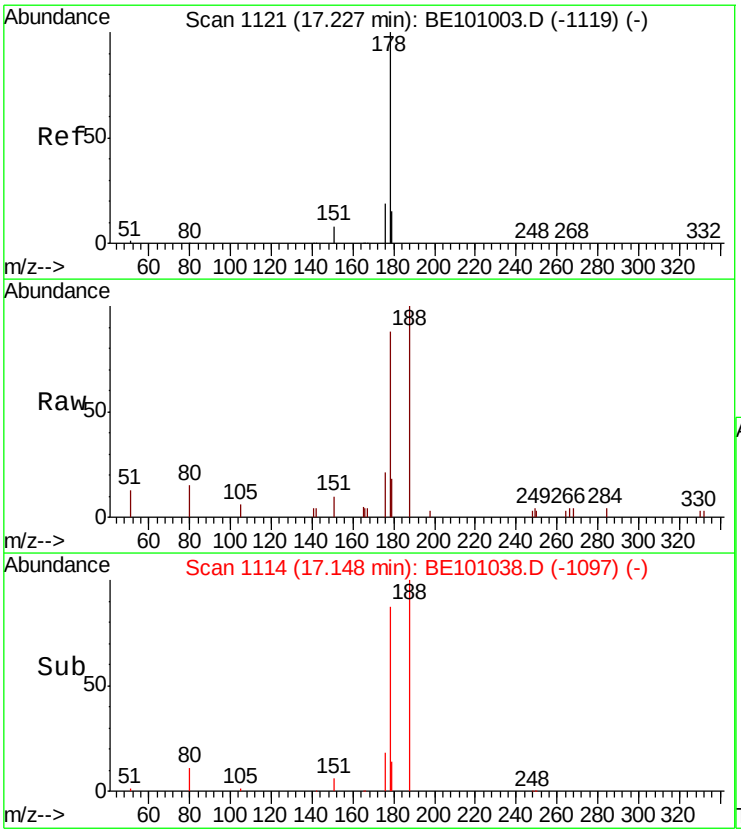
#23
Phenanthrene
Concen: 0.076 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3929

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.0	12.0	18.0

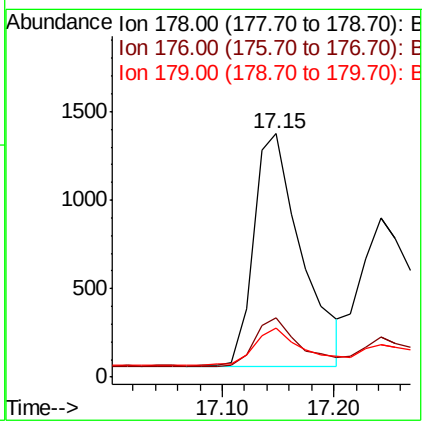


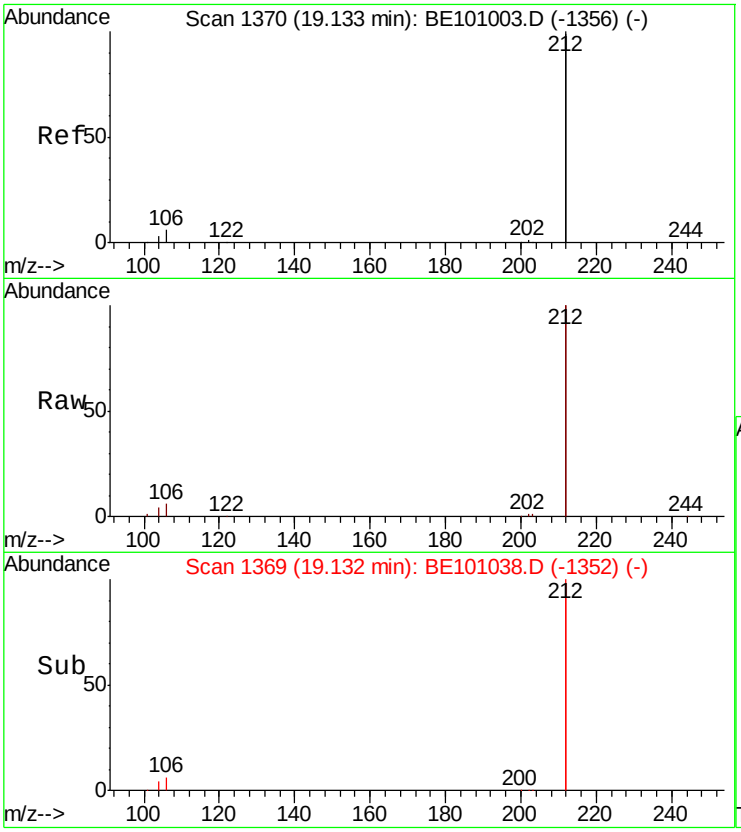


#24
Anthracene
Concen: 0.080 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:178 Resp: 3929

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.8	22.2
179	17.0	12.4	18.6



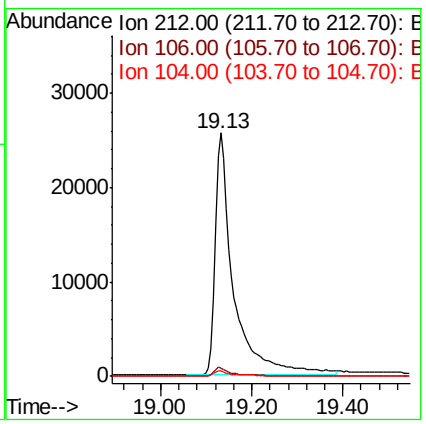


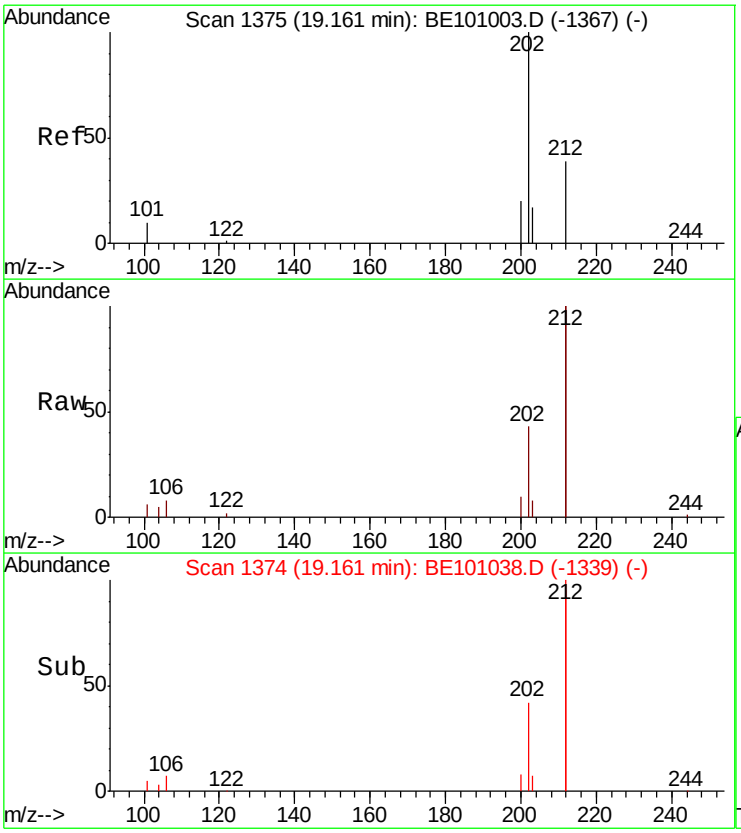
#25
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 72127

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

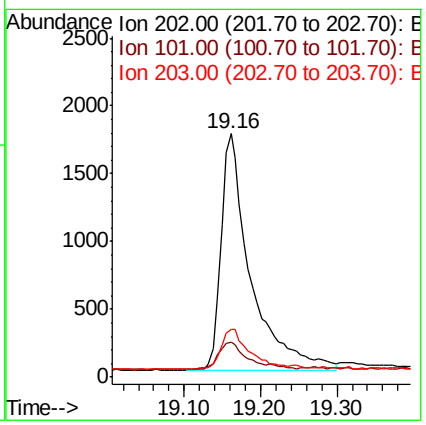


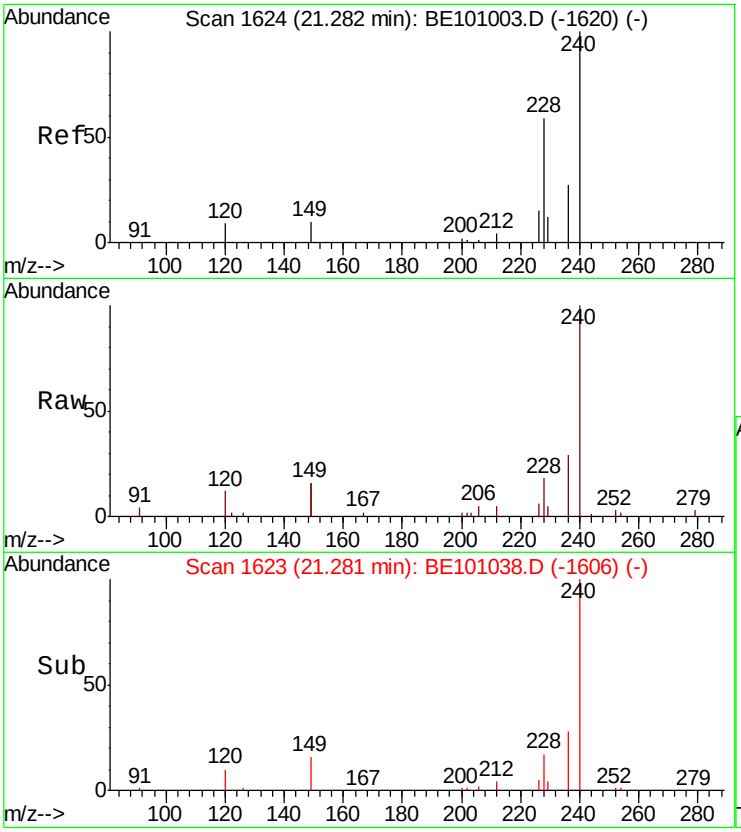


#26
Fluoranthene
Concen: 0.072 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:202 Resp: 4686

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
203	17.0	13.8	20.6



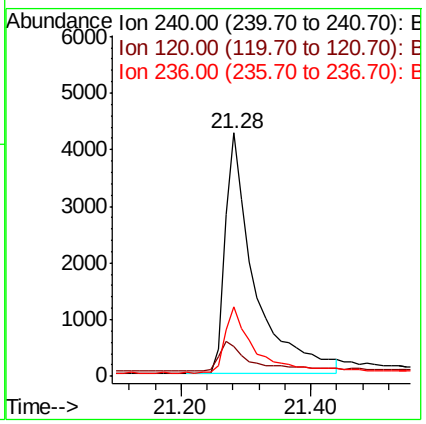


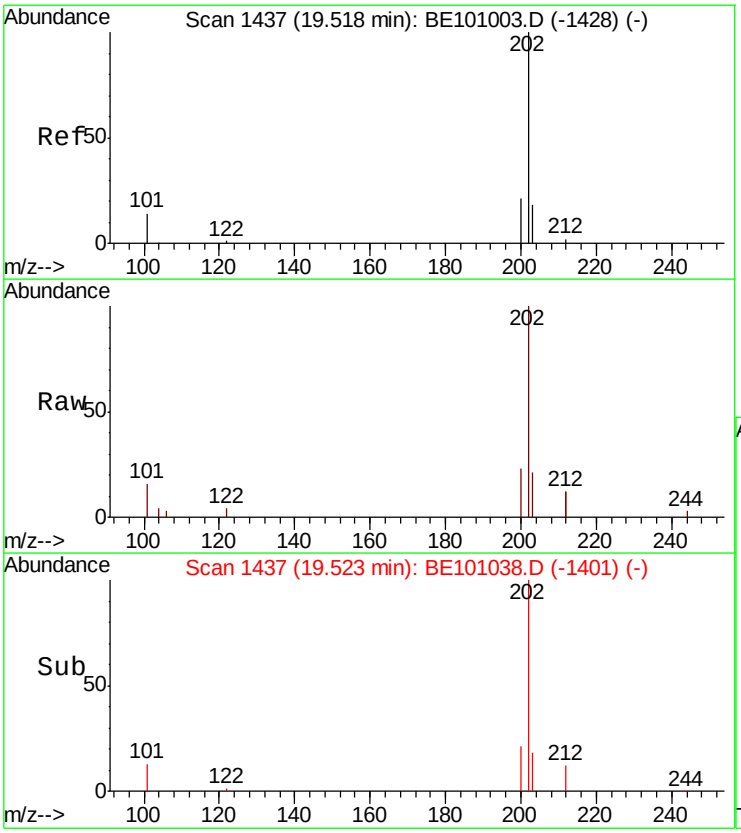
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13499

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.6	13.0
236	28.7	22.2	33.4

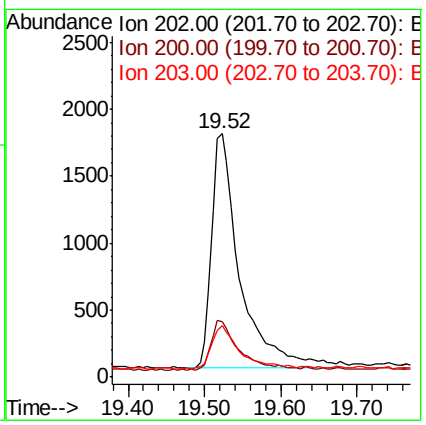


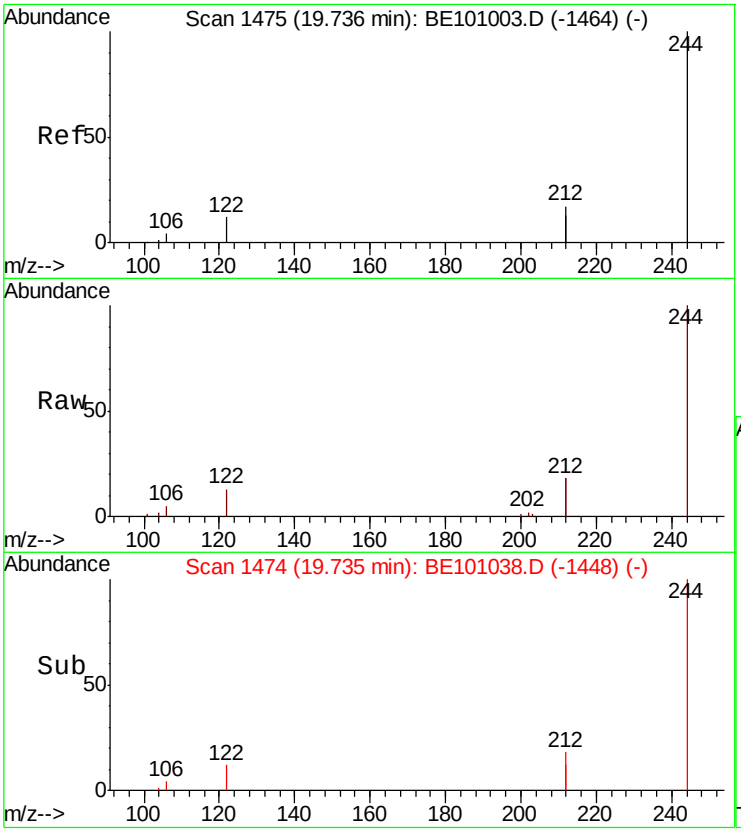


#28
Pyrene
Concen: 0.090 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:202 Resp: 4534

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.2	13.8	20.6



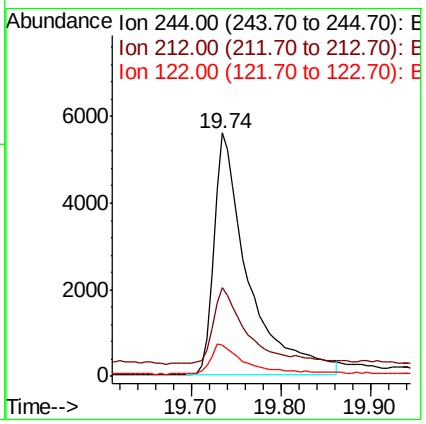


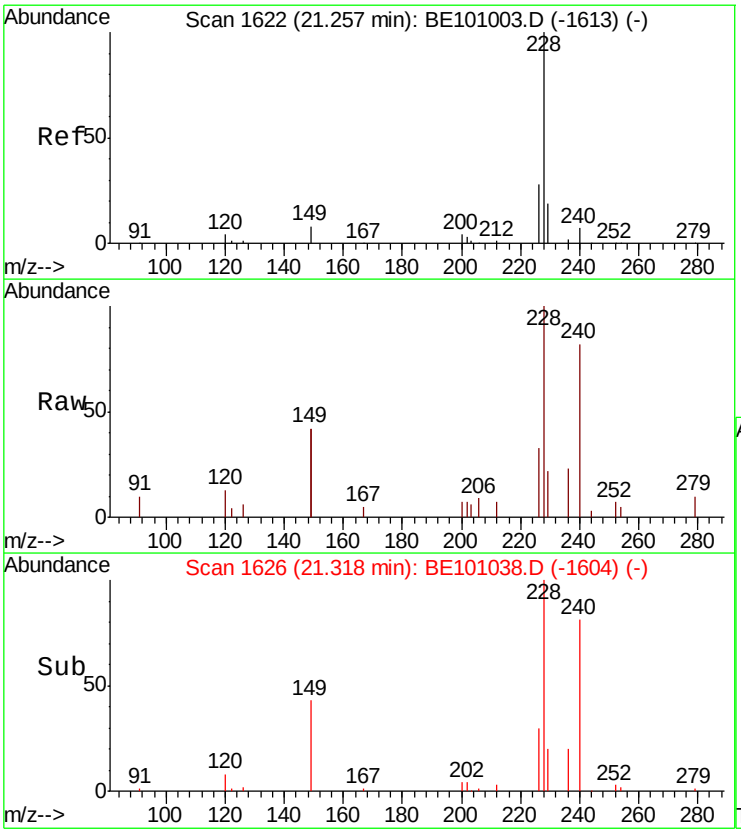
#29
Terphenyl-d14
Concen: 0.443 ng
RT: 19.74 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14688

Ion	Ratio	Lower	Upper
244	100		
212	36.4	27.2	40.8
122	12.9	9.8	14.8

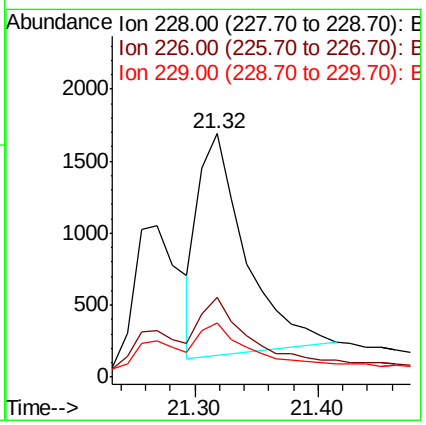


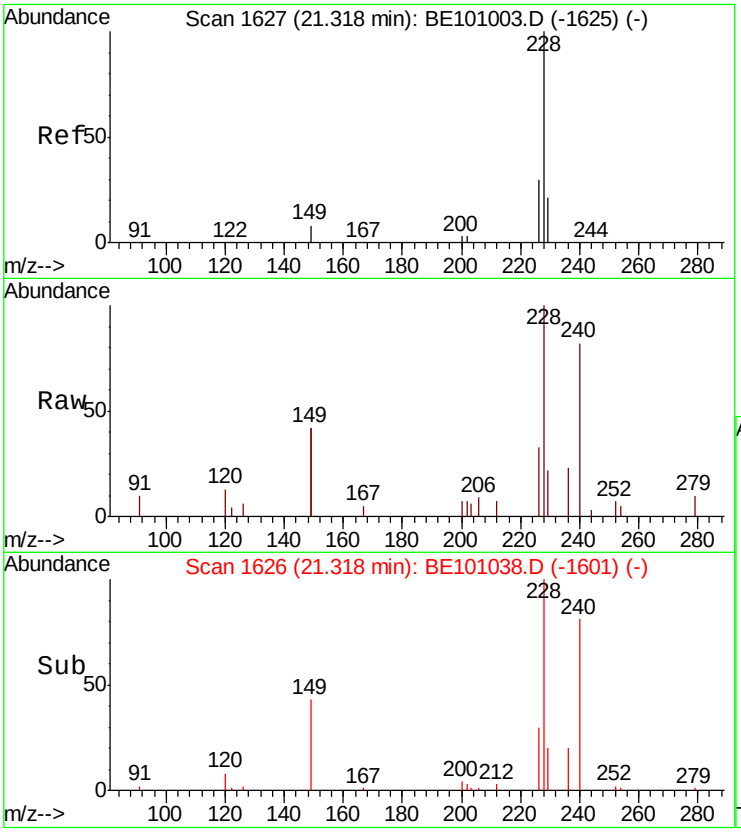


#30
Benzo(a)anthracene
Concen: 0.105 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.06 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:228 Resp: 4054

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.7	34.1
229	22.5	15.5	23.3



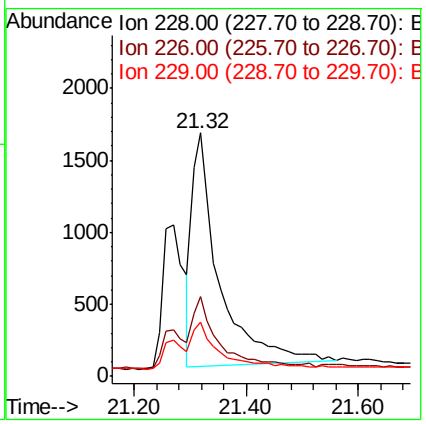


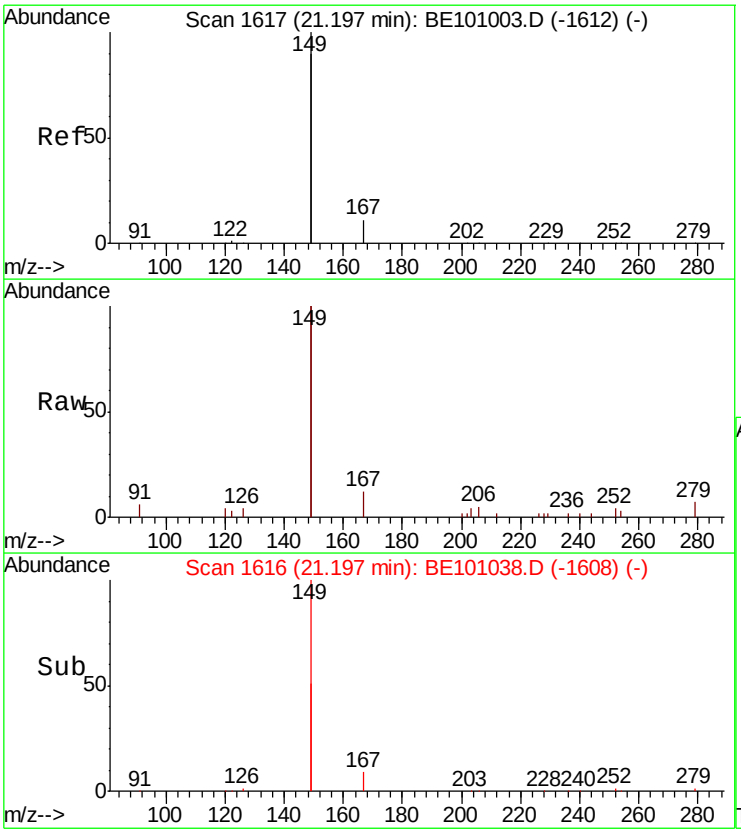
#31
Chrysene
Concen: 0.095 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5447

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.5	35.3
229	22.5	16.7	25.1

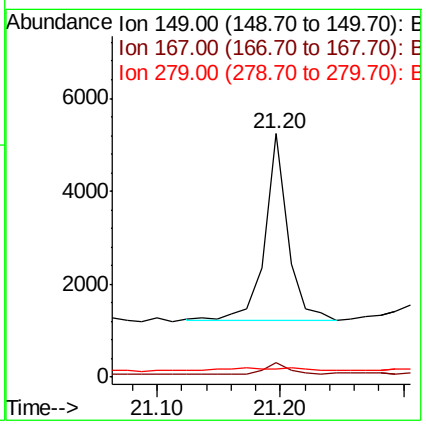


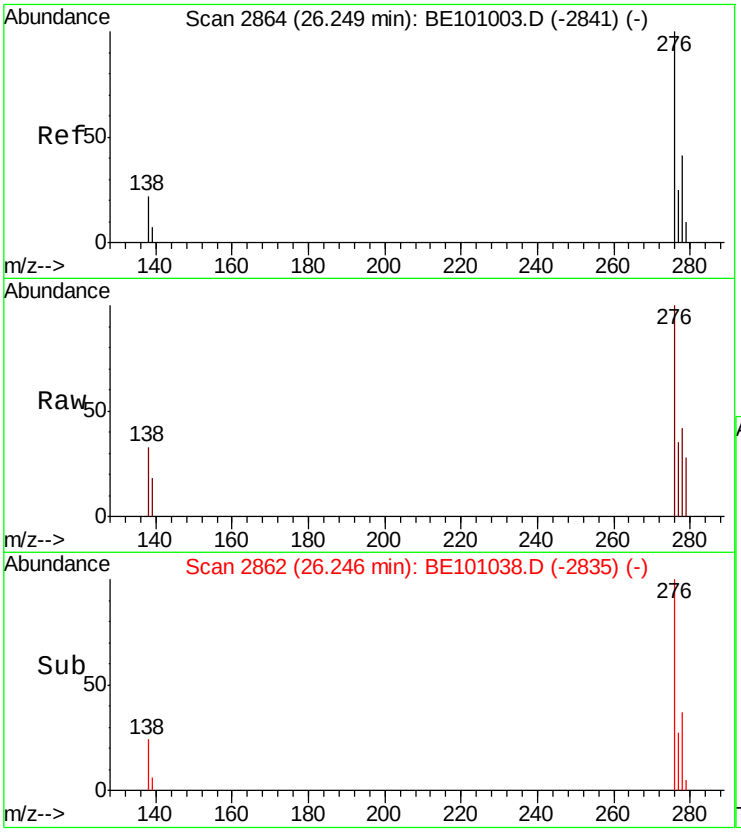


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:149 Resp: 5339

Ion	Ratio	Lower	Upper
149	100		
167	5.6	5.2	7.8
279	3.1	0.8	1.2#



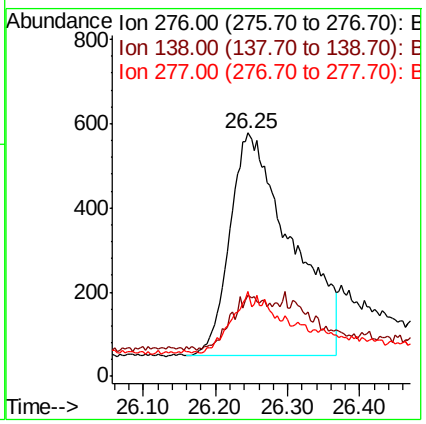


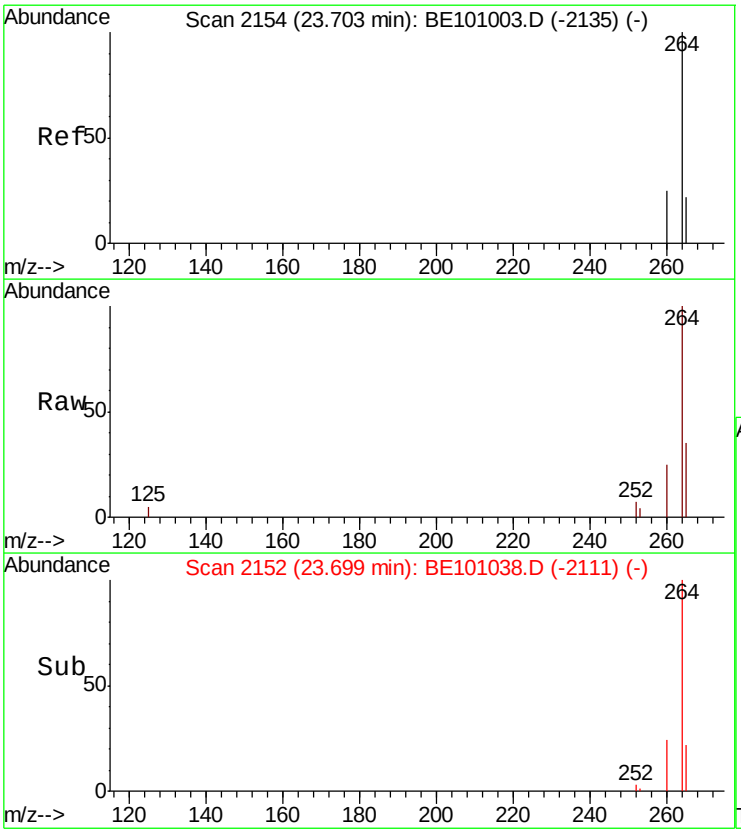
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3108

Ion	Ratio	Lower	Upper
276	100		
138	11.0	16.1	24.1#
277	9.5	18.1	27.1#

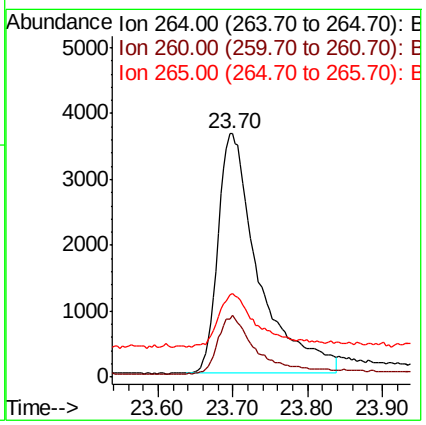


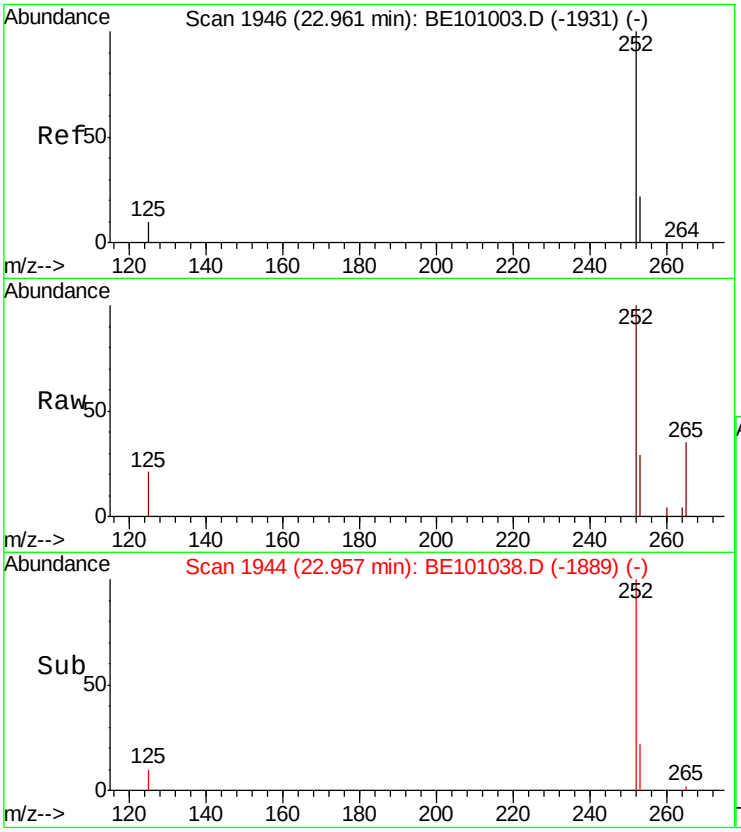


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:264 Resp: 13783

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.3	30.5
265	34.6	27.0	40.4



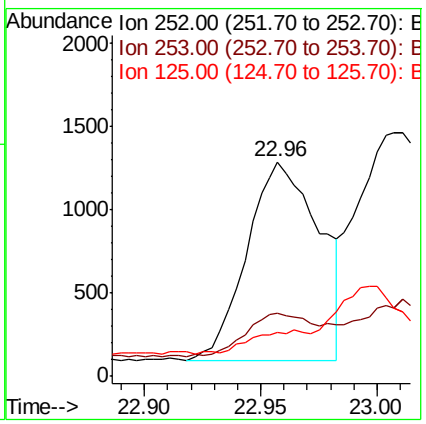


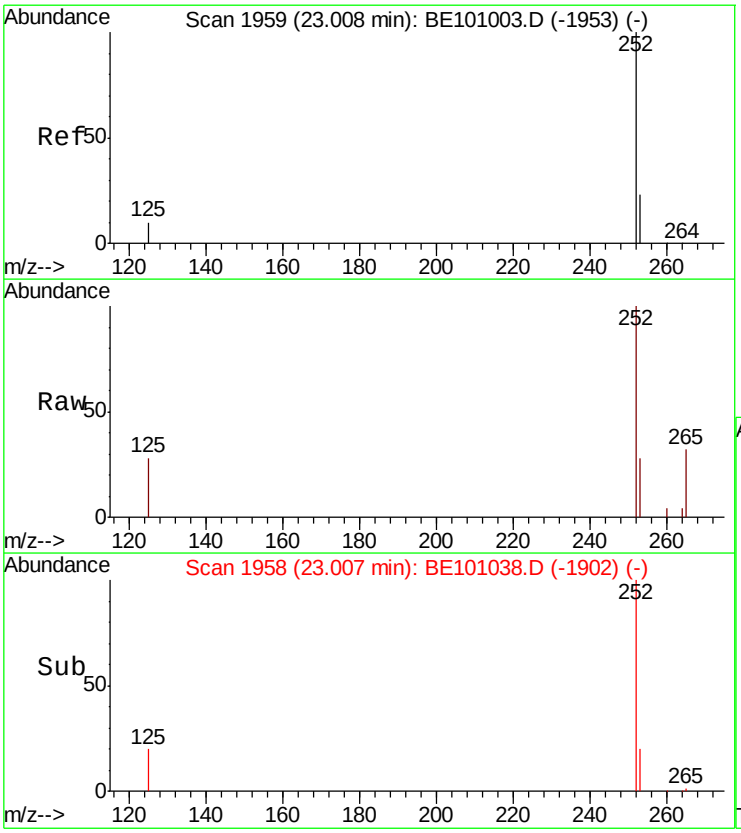
#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2582

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.5	27.7#
125	20.6	9.5	14.3#

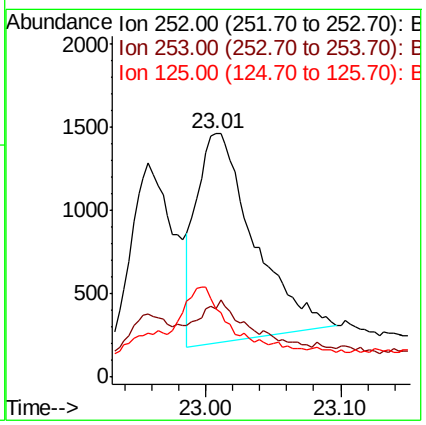


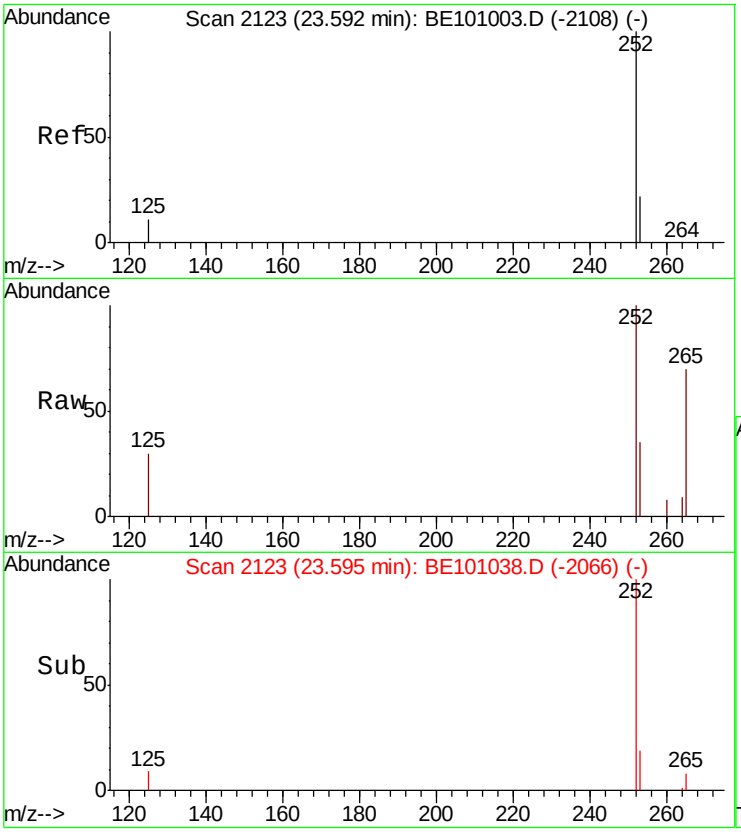


#36
Benzo(k)fluoranthene
Concen: 0.066 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:252 Resp: 3706

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.9	28.3
125	28.2	10.1	15.1#



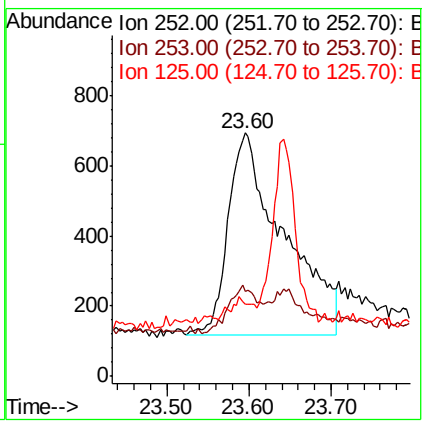


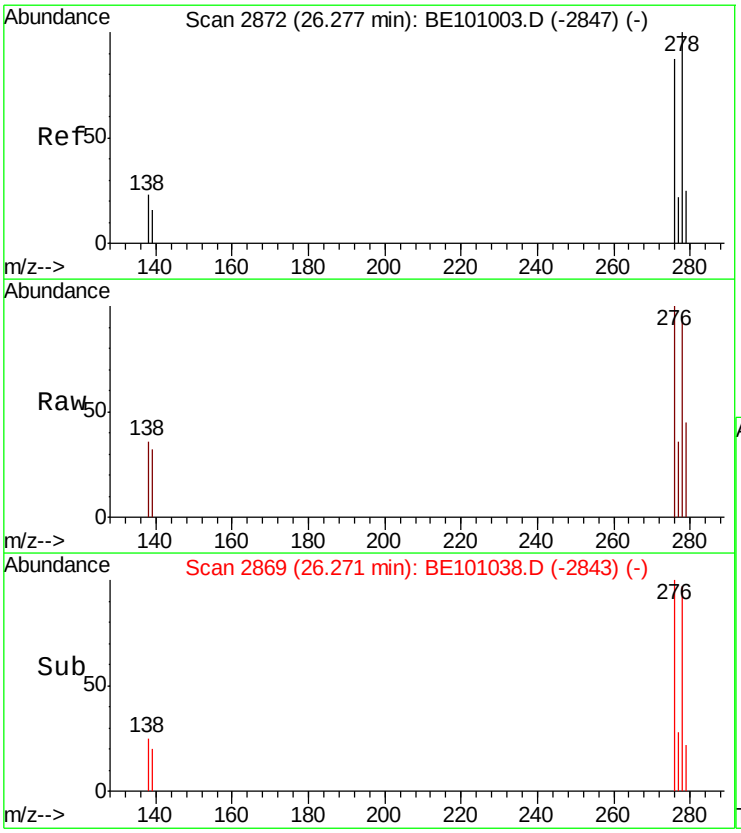
#37
Benzo(a)pyrene
Concen: 0.072 ng
RT: 23.60 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2697

Ion	Ratio	Lower	Upper
252	100		
253	34.9	19.4	29.2#
125	29.8	11.8	17.6#

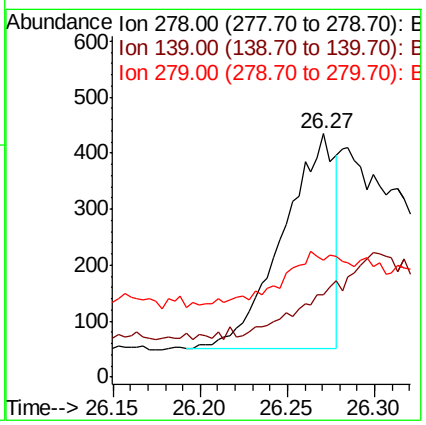


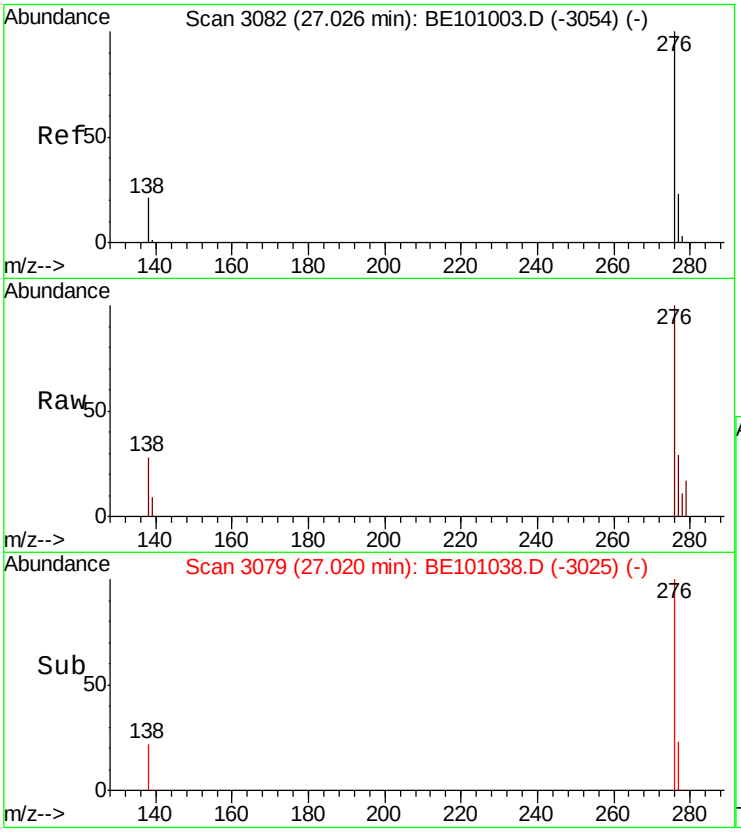


#38
Dibenzo(a,h)anthracene
Concen: 0.023 ng
RT: 26.27 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:278 Resp: 799

Ion	Ratio	Lower	Upper
278	100		
139	33.8	15.0	22.4#
279	48.0	22.6	33.8#





#39
Benzo(g,h,i)perylene
Concen: 0.078 ng
RT: 27.02 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3312

Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.4	29.2
138	28.5	17.9	26.9#