Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101003.D
Acq On : 8 Jan 2020 14:39
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 08 18:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:14:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3210	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	14047	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8524	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19058	0.40	ng	0.00
27) Chrysene-d12	21.28	240	16547	0.40	ng	0.00
34) Perylene-d12	23.70	264	16977	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2862	0.53	ng	0.00
5) Phenol-d6	6.92	99	3257	0.43	ng	0.00
8) Nitrobenzene-d5	8.87	82	3597	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	10754	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	832	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13101	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	102245	0.44	ng	0.00
29) Terphenyl-d14	19.74	244	16491	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	3037	0.268	ng	100
3) n-Nitrosodimethylamine	3.61	42	1539	0.581	ng	100
6) bis(2-Chloroethyl)ether	7.16	93	3979	0.343	ng	100
9) Naphthalene	10.55	128	63800	0.427	ng	100
10) Hexachlorobutadiene	10.85	225	2744	0.416	ng	100
12) 2-Methylnaphthalene	12.18	142	9293	0.411	ng	100
16) Acenaphthylene	14.08	152	12521	0.393	ng	100
17) Acenaphthene	14.43	154	9661	0.417	ng	100
18) Fluorene	15.41	166	12305	0.427	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	3539	0.423	ng	100
21) Hexachlorobenzene	16.41	284	4114	0.416	ng	100
22) Pentachlorophenol	16.76	266	769	0.521	ng	100
23) Phenanthrene	17.13	178	20516	0.418	ng	100
24) Anthracene	17.23	178	18622	0.375	ng	100
26) Fluoranthene	19.16	202	24453	0.365	ng	100
28) Pyrene	19.52	202	25265	0.436	ng	100
30) Benzo(a)anthracene	21.26	228	18136	0.448	ng	100
31) Chrysene	21.32	228	28885	0.383	ng	100
32) Bis(2-ethylhexyl)phthalate	21.20	149	27389	0.307	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	21587	0.380	ng	100
35) Benzo(b)fluoranthene	22.96	252	17778	0.497	ng	100
36) Benzo(k)fluoranthene	23.01	252	23275	0.343	ng	100
37) Benzo(a)pyrene	23.59	252	17833	0.427	ng	100
38) Dibenzo(a,h)anthracene	26.28	278	15636	0.414	ng	100
39) Benzo(g,h,i)perylene	27.03	276	21395	0.480	ng	100

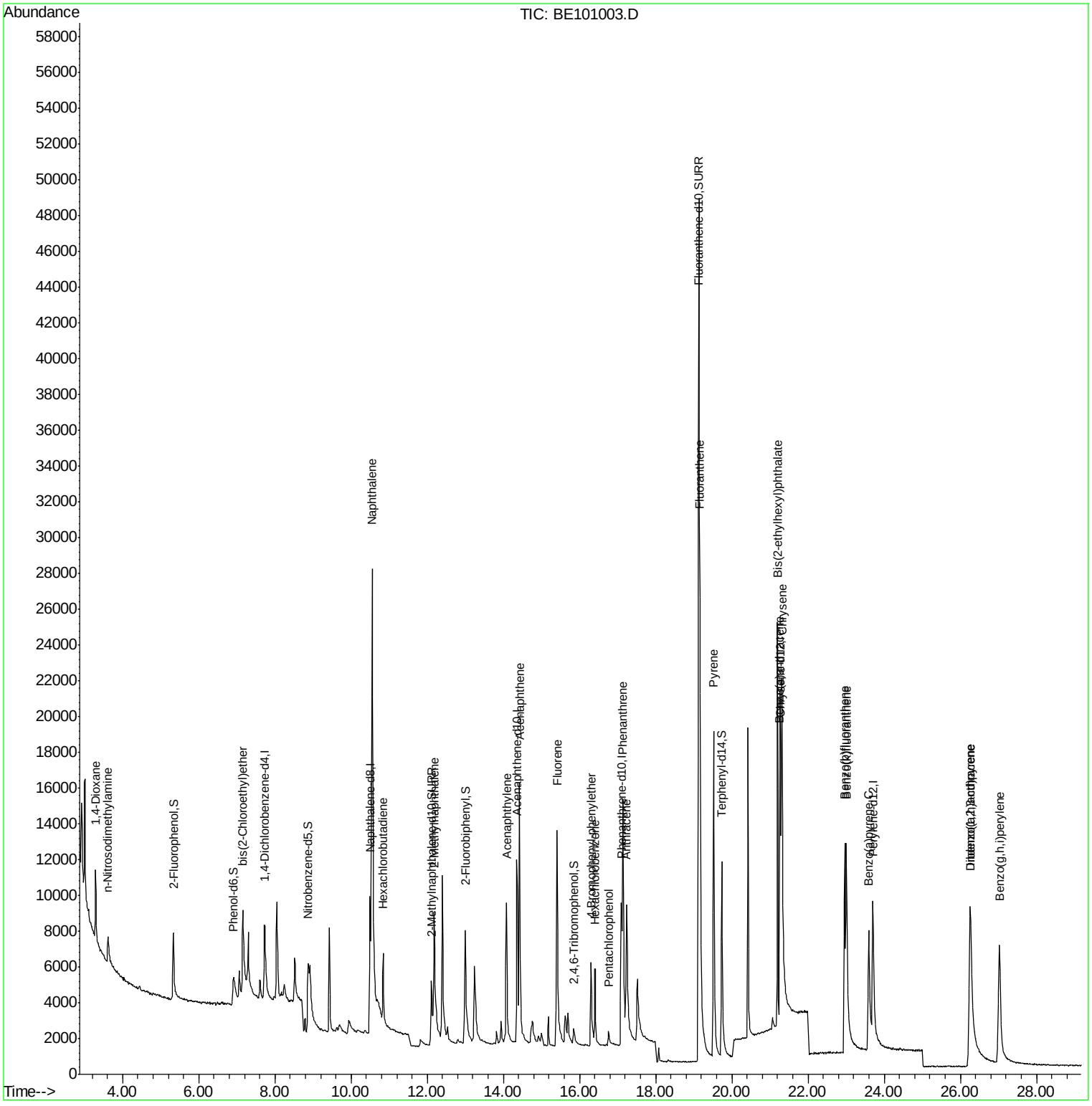
(#) = qualifier out of range (m) = manual integration (+) = signals summed

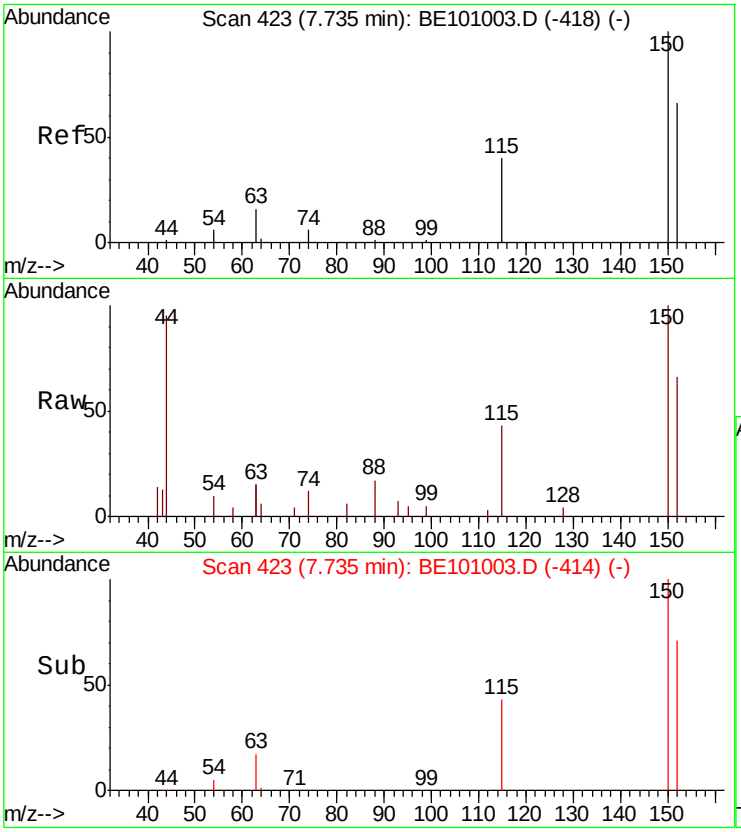
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
Data File : BE101003.D
Acq On : 8 Jan 2020 14:39
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 08 18:21:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:14:32 2020
Response via : Initial Calibration



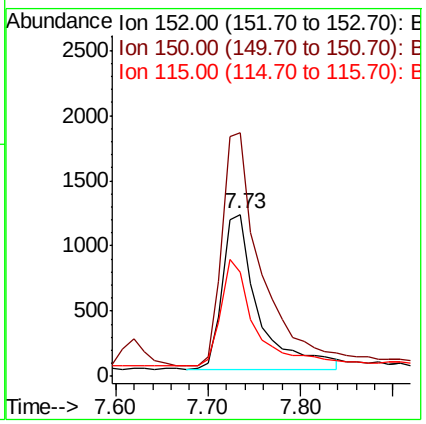


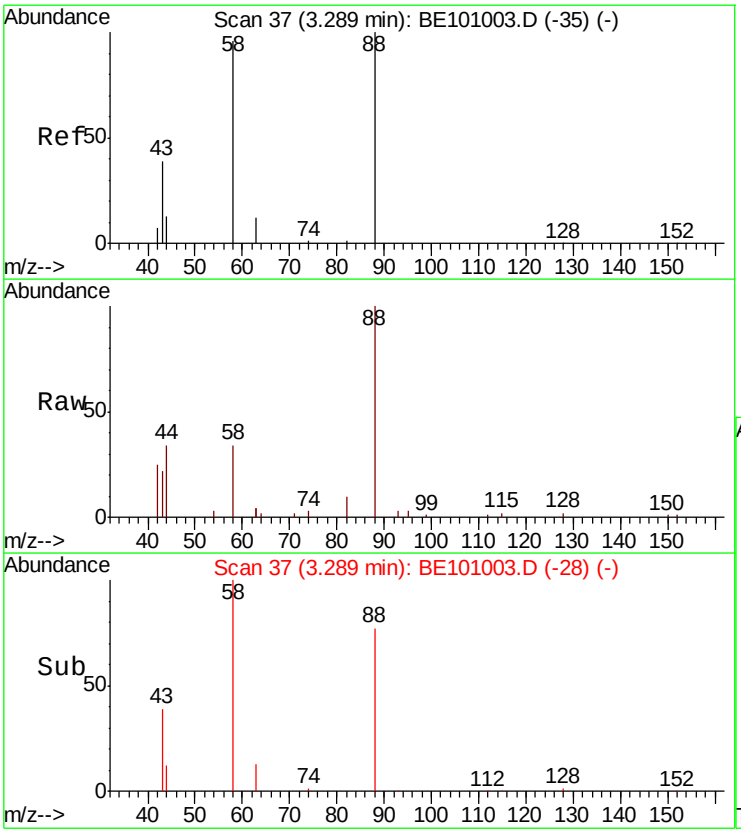
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3210

Ion	Ratio	Lower	Upper
152	100		
150	150.4	120.3	180.5
115	64.6	51.7	77.5

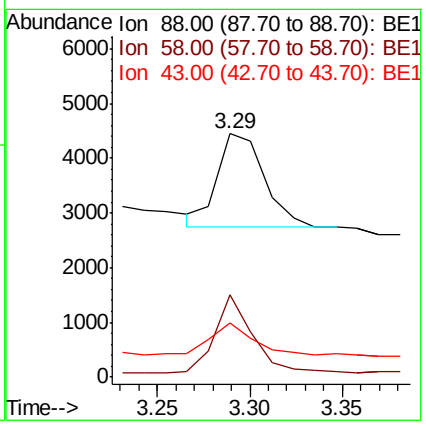


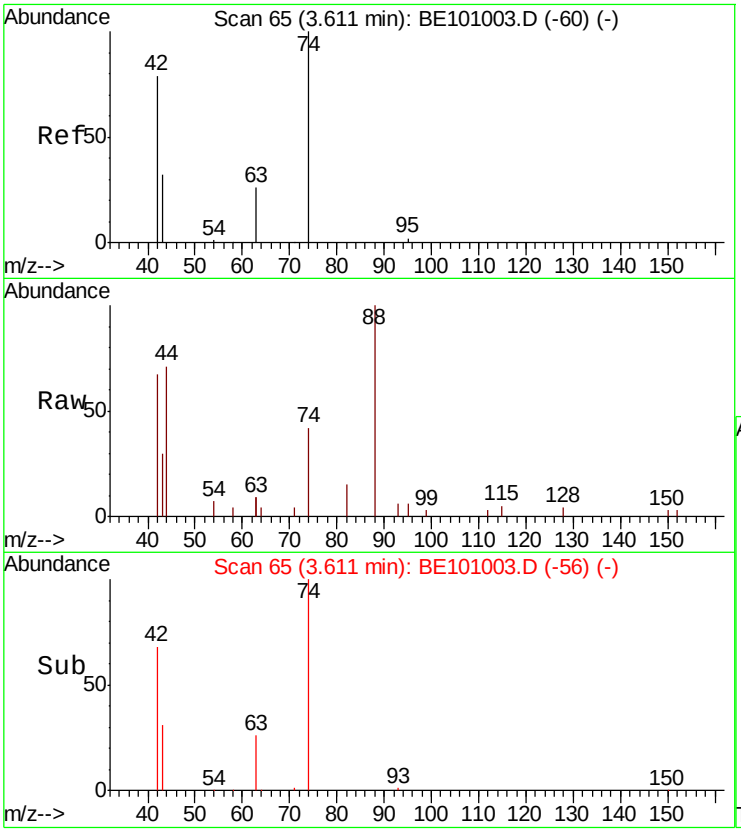


#2
1,4-Dioxane
Concen: 0.268 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion: 88 Resp: 3037

Ion	Ratio	Lower	Upper
88	100		
58	66.2	53.0	79.4
43	29.3	23.4	35.2



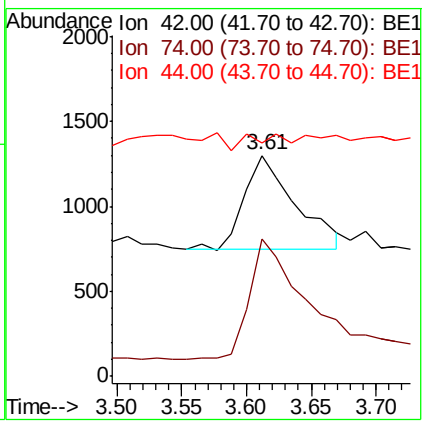


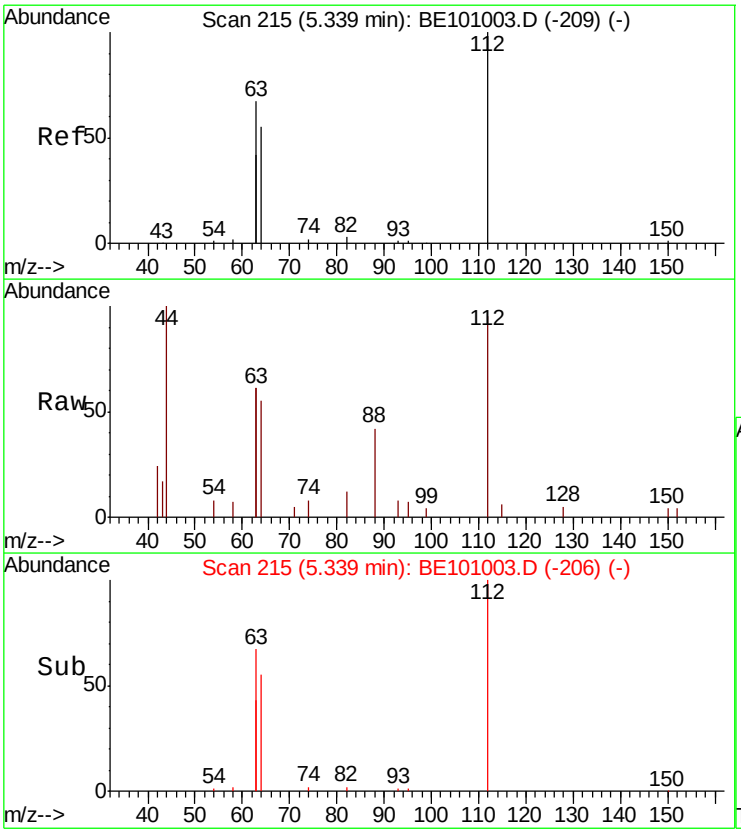
#3
n-Nitrosodimethylamine
Concen: 0.581 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1539

Ion	Ratio	Lower	Upper
42	100		
74	132.1	105.7	158.5
44	12.5	10.0	15.0

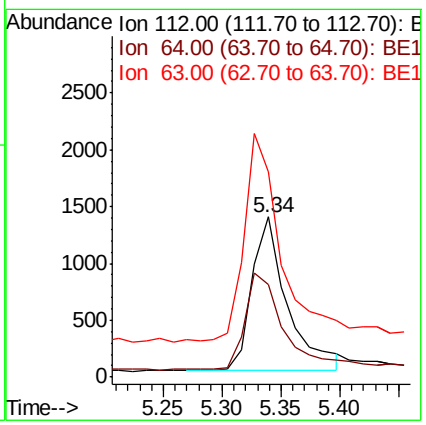


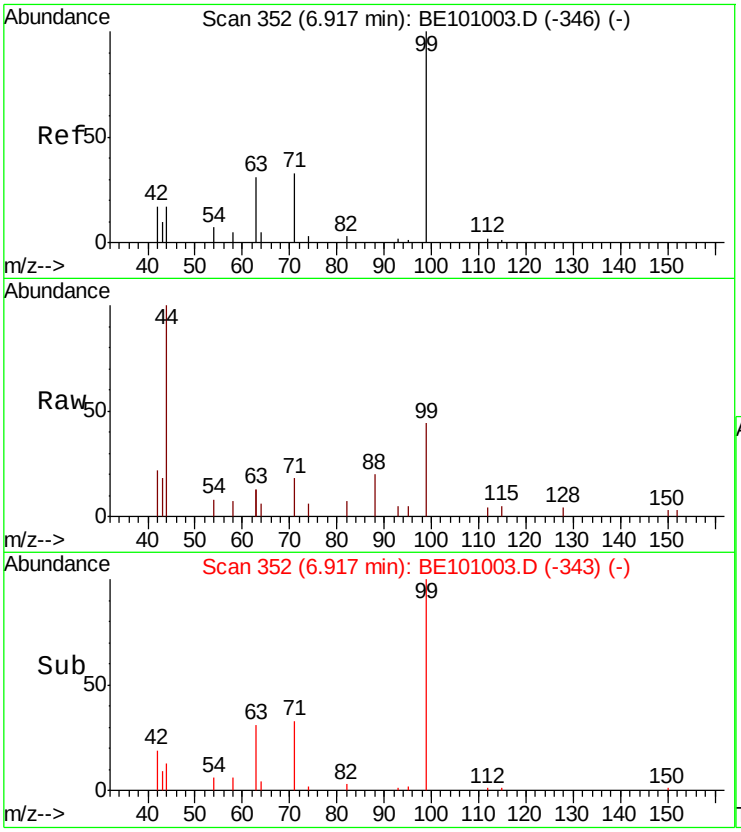


#4
2-Fluorophenol
Concen: 0.527 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:112 Resp: 2862

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.6	80.4
63	143.3	114.6	172.0



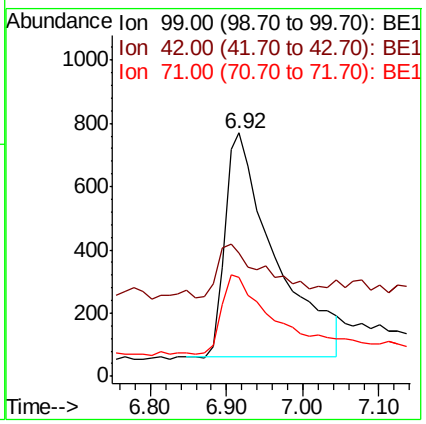


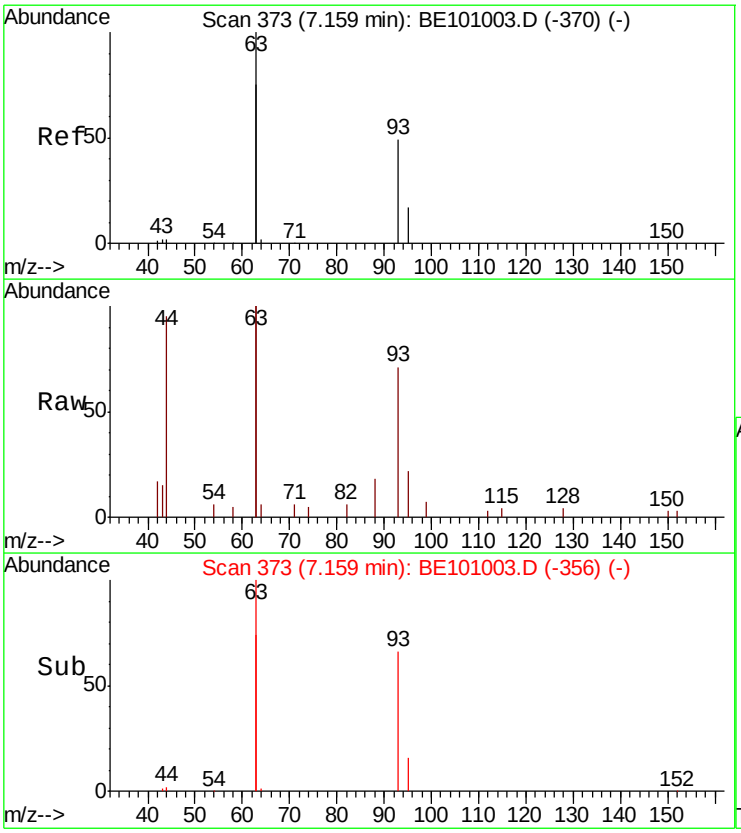
#5
Phenol-d6
Concen: 0.427 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3257

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.3	27.5
71	35.0	28.0	42.0

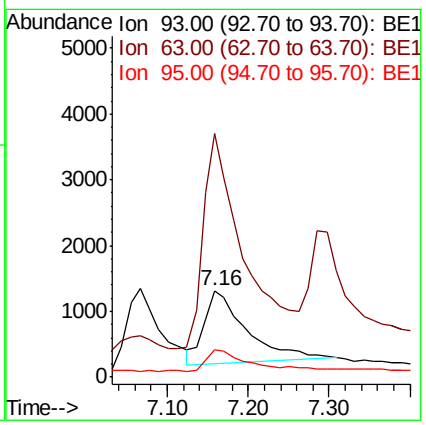


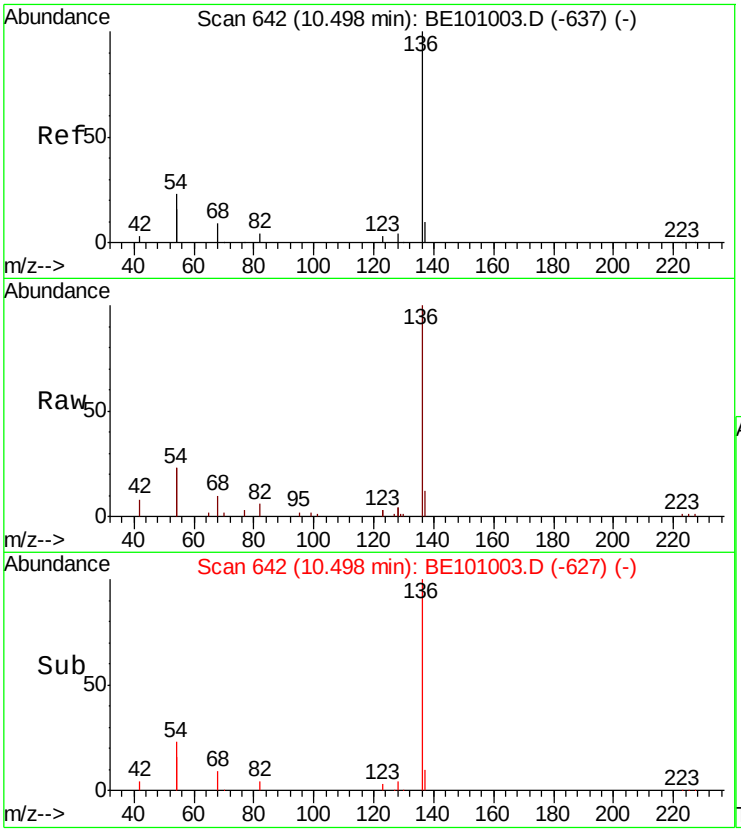


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion: 93 Resp: 3979

Ion	Ratio	Lower	Upper
93	100		
63	292.4	233.9	350.9
95	29.4	23.5	35.3



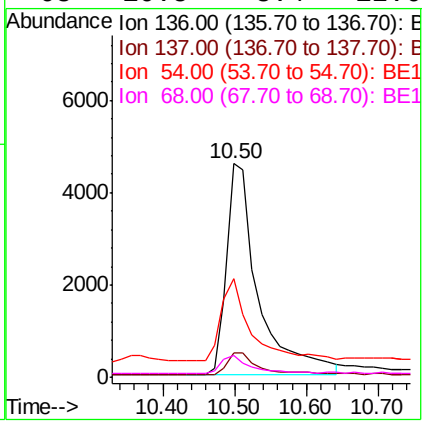


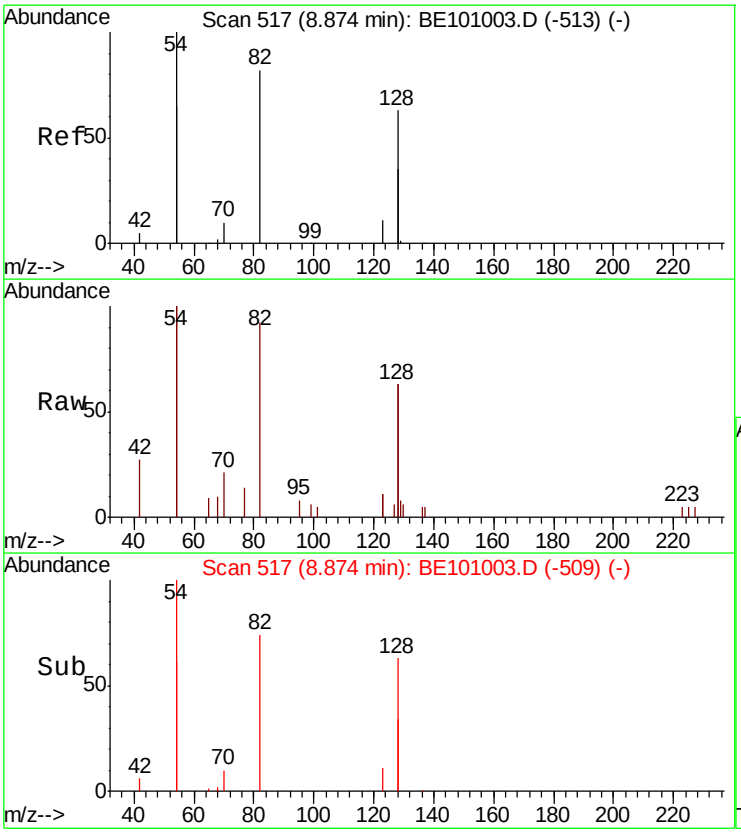
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 642
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14047

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	46.0	36.8	55.2
68	10.5	8.4	12.6

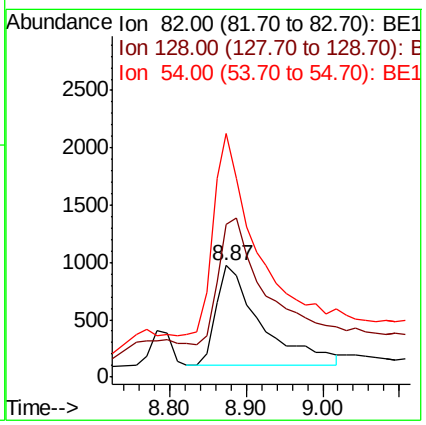


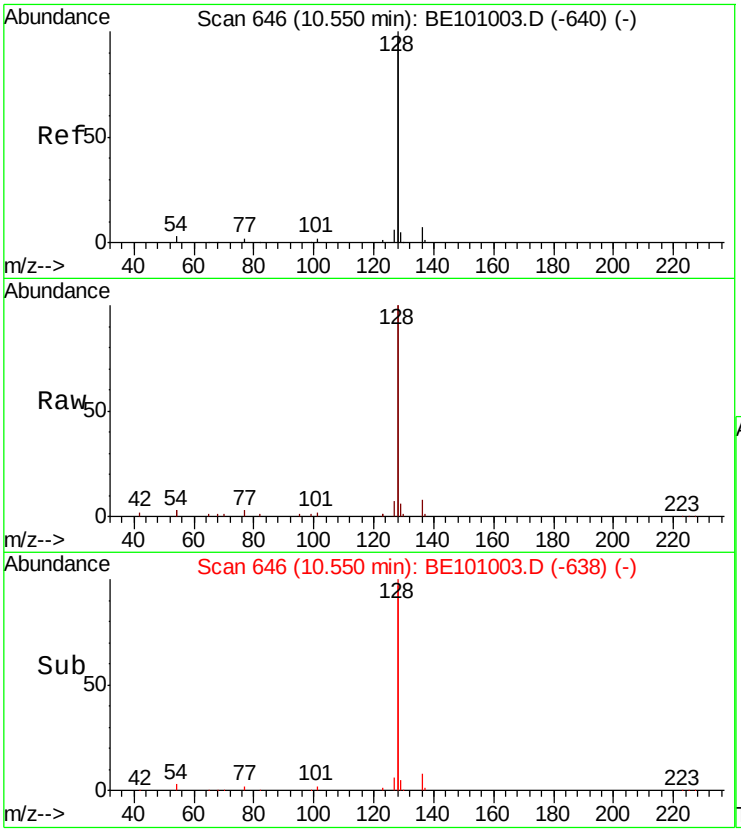


#8
Nitrobenzene-d5
Concen: 0.534 ng
RT: 8.87 min Scan# 517
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion: 82 Resp: 3597

Ion	Ratio	Lower	Upper
82	100		
128	137.2	109.8	164.6
54	218.1	174.5	261.7



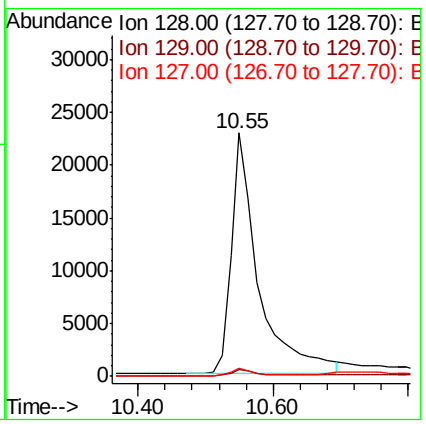


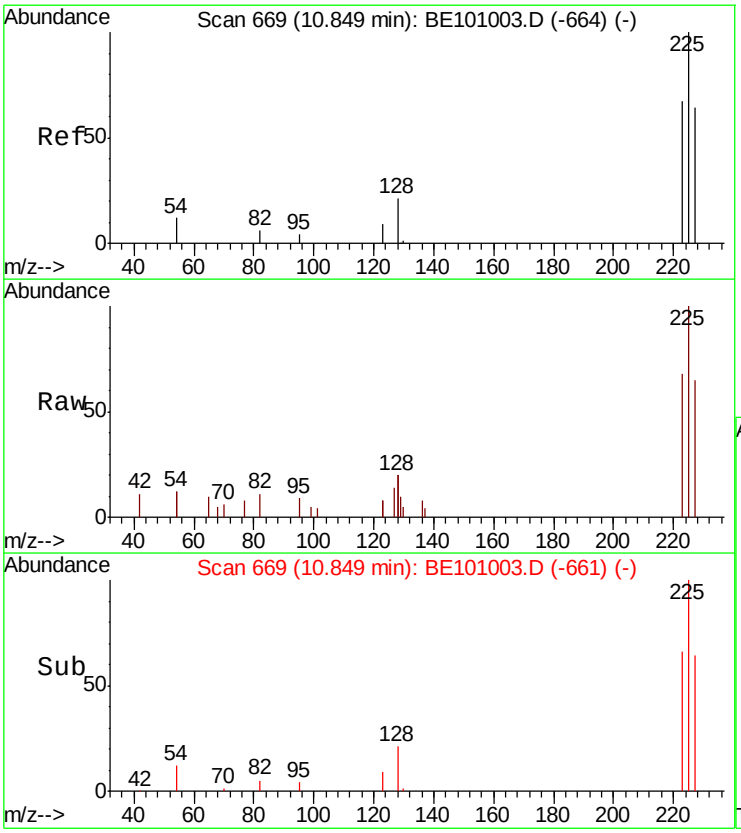
#9
Naphthalene
Concen: 0.427 ng
RT: 10.55 min Scan# 646
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 63800

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

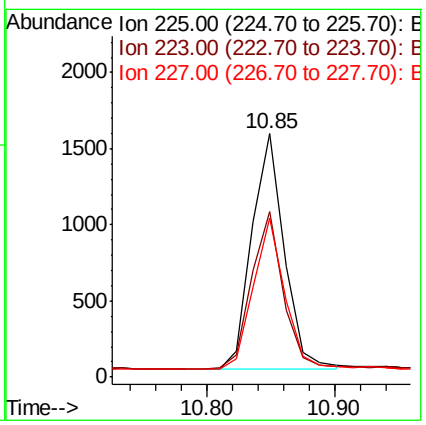


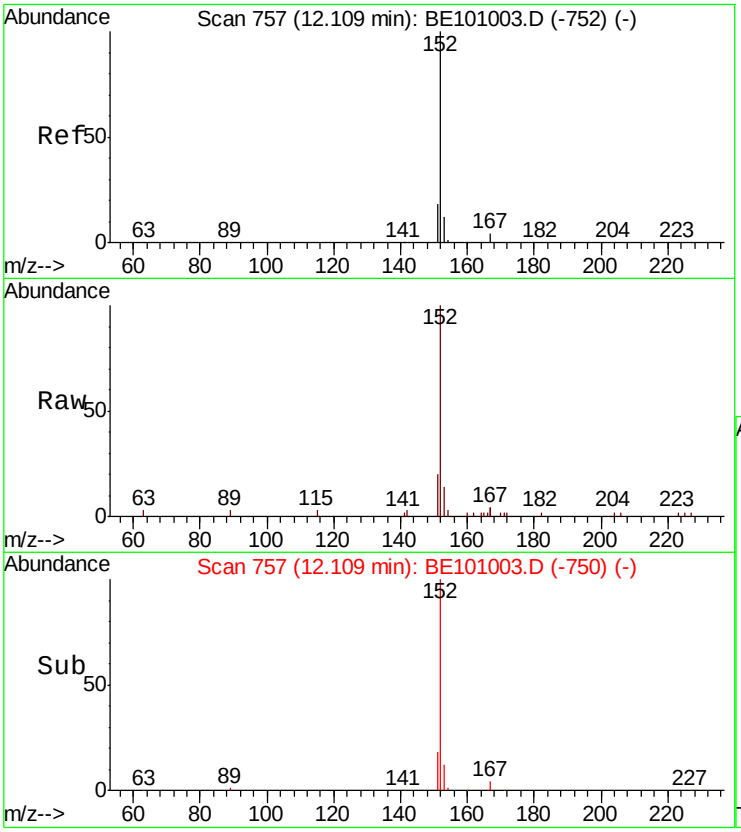


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.85 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:225 Resp: 2744

Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	62.4	49.9	74.9



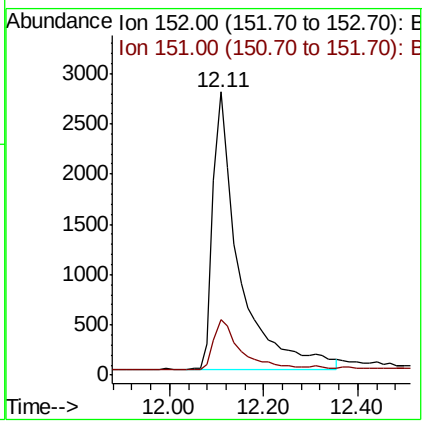


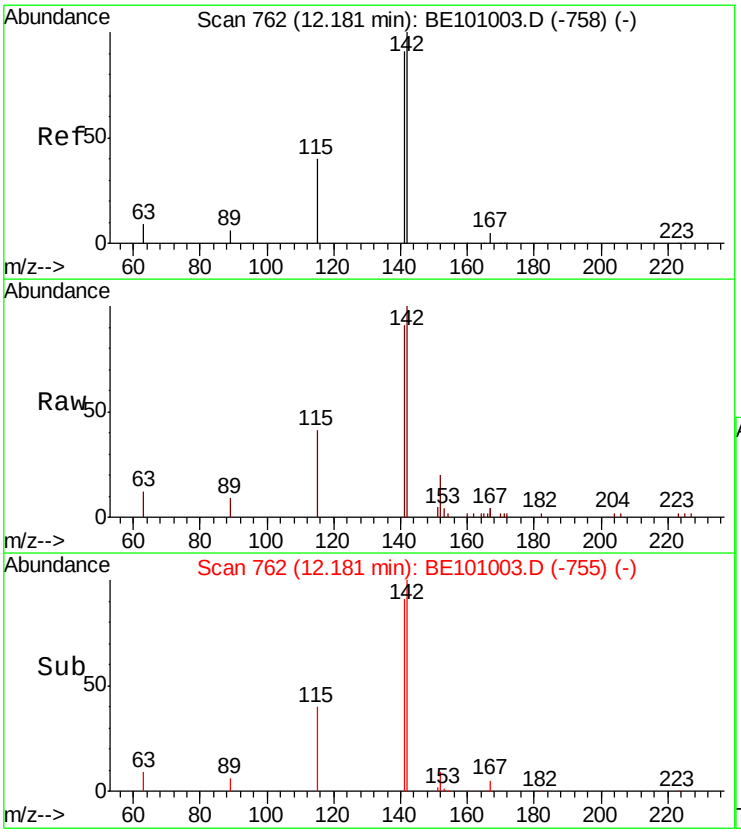
#11
2-Methylnaphthalene-d10
Concen: 0.521 ng
RT: 12.11 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10754

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.6

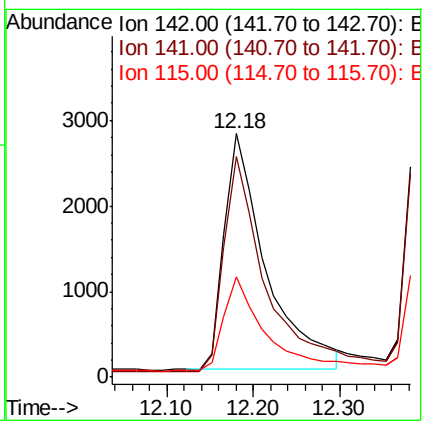


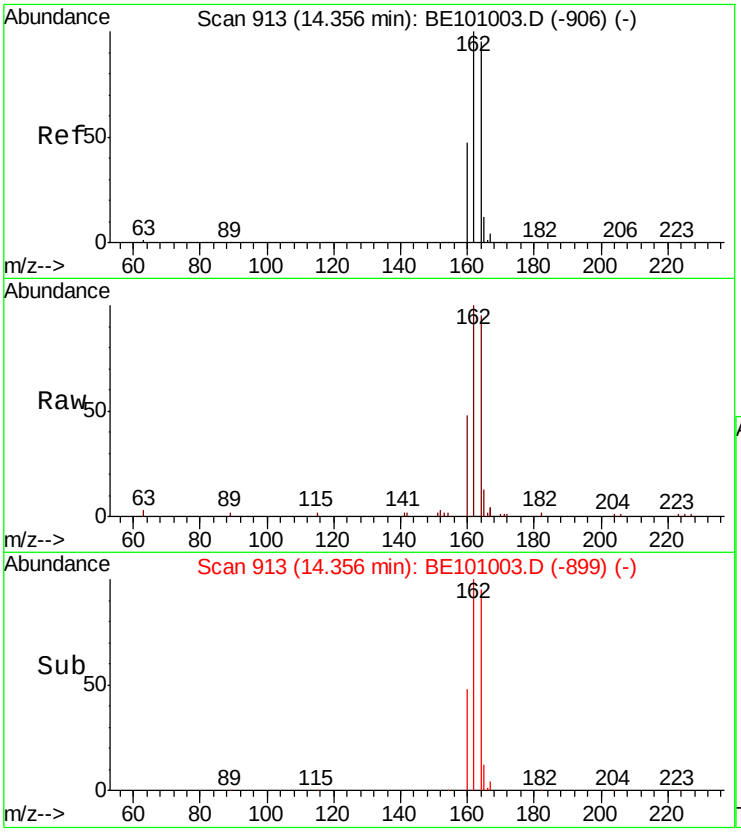


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.18 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:142 Resp: 9293

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7
115	41.3	33.0	49.6



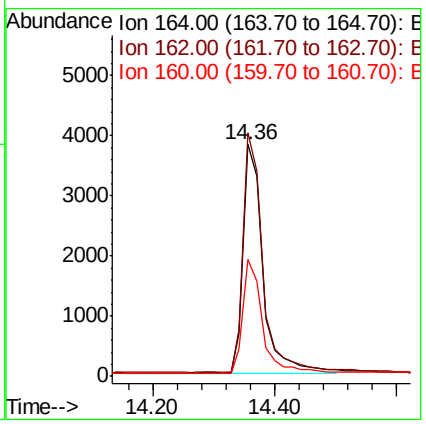


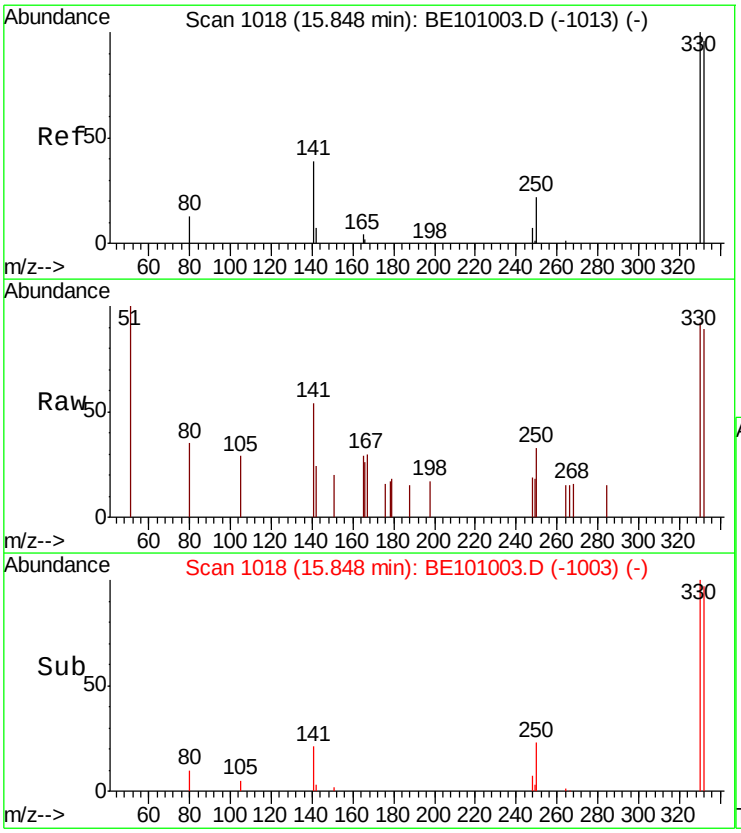
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8524

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.1	126.1
160	50.5	40.4	60.6

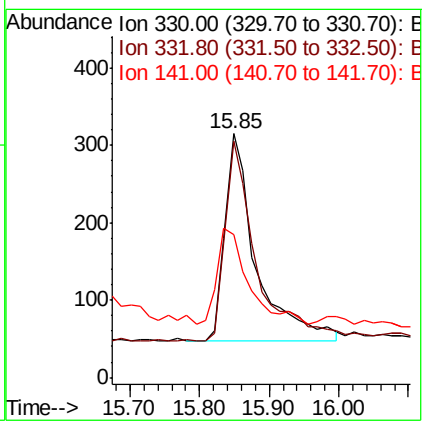


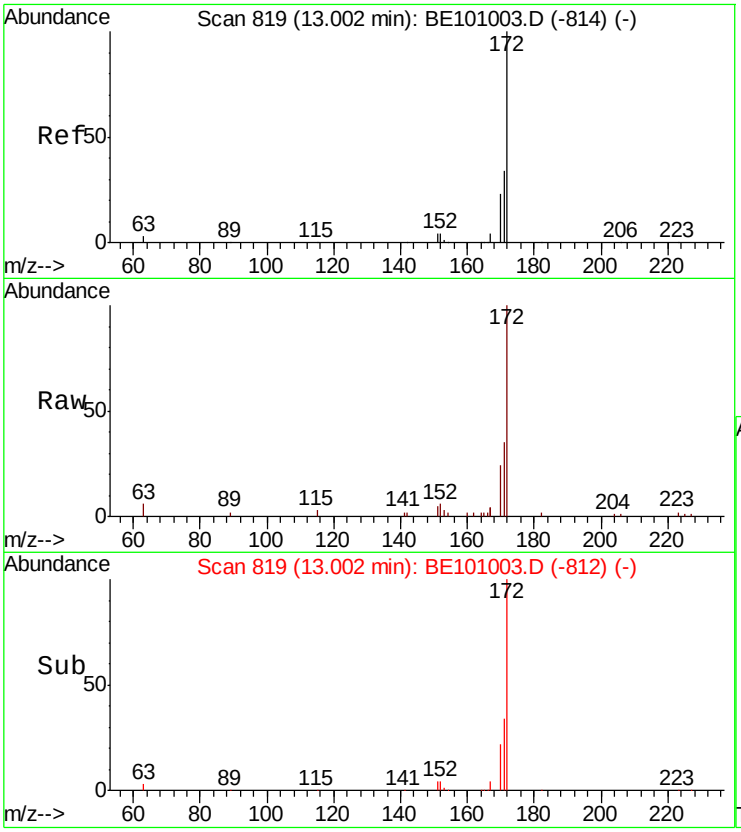


#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.85 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:330 Resp: 832

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.4	117.6
141	46.2	37.0	55.4



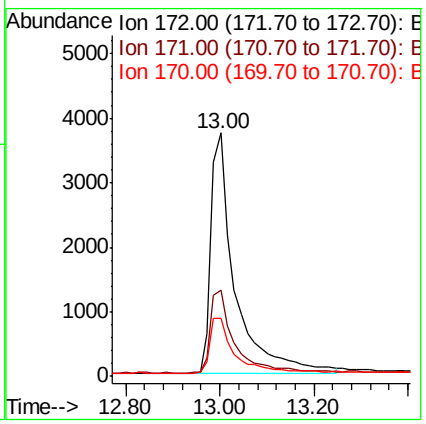


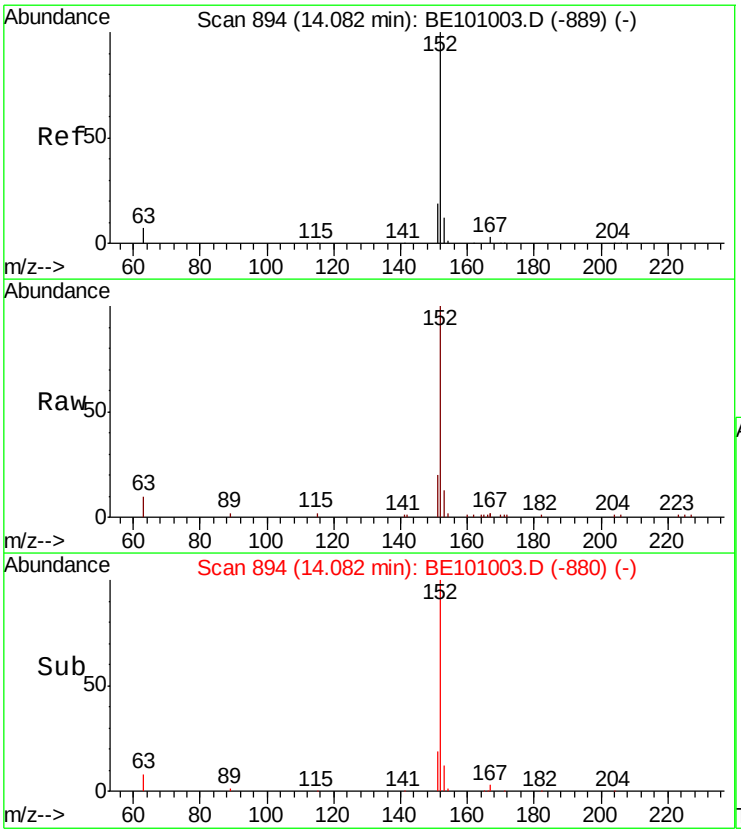
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.00 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13101

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.6	18.9	28.3

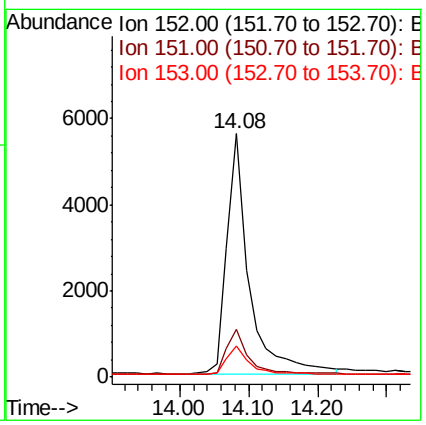


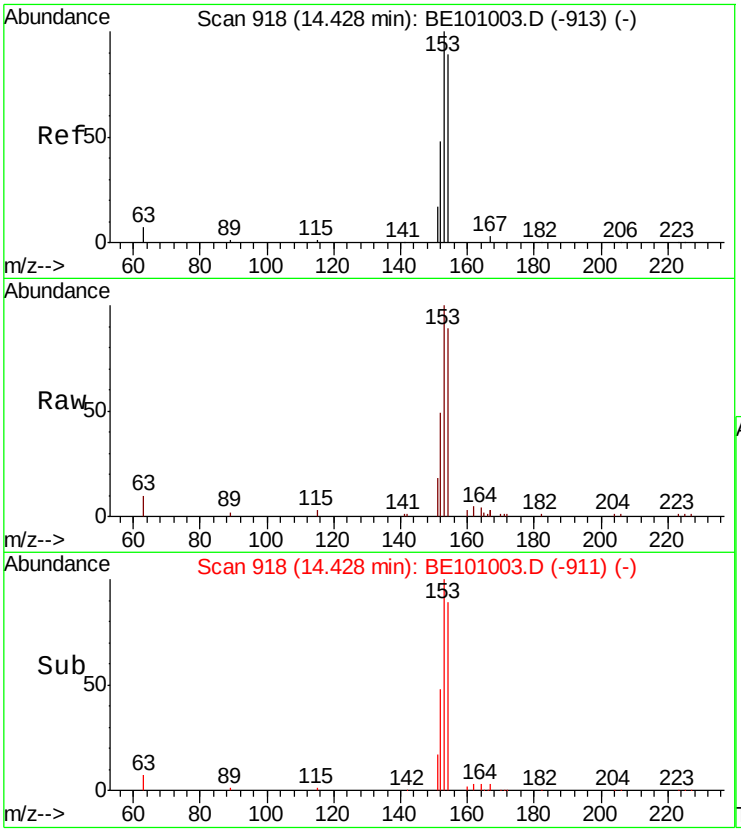


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.08 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:152 Resp: 12521

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



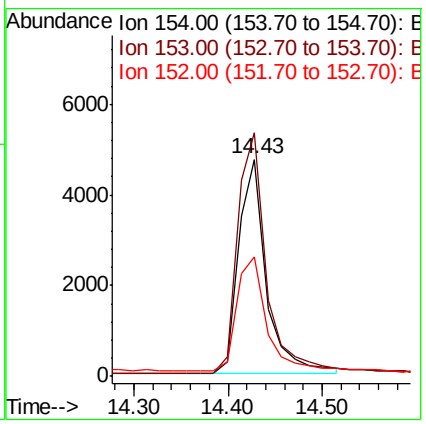


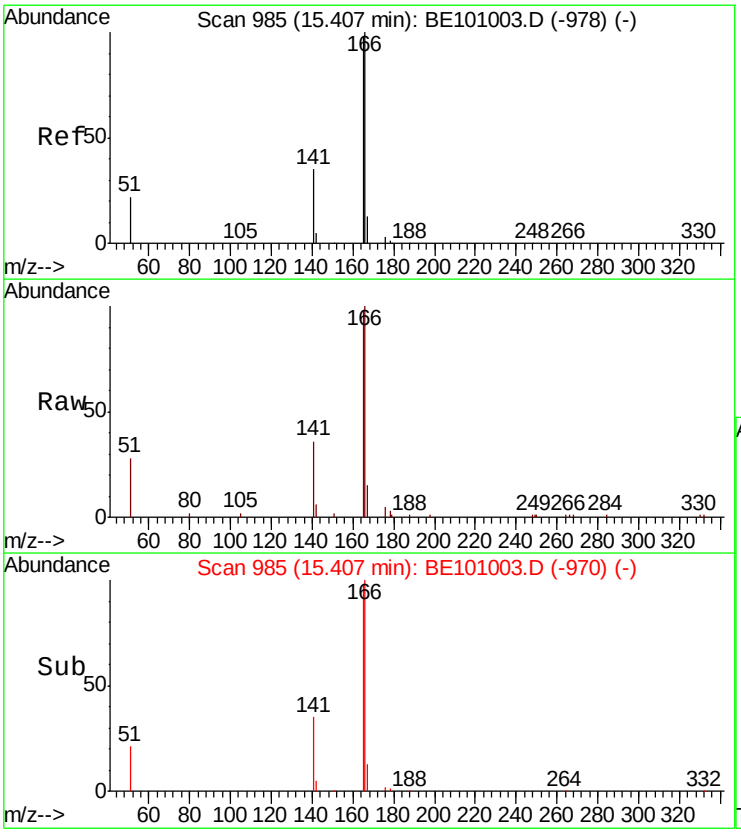
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.43 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9661

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.6	140.4
152	57.9	46.3	69.5

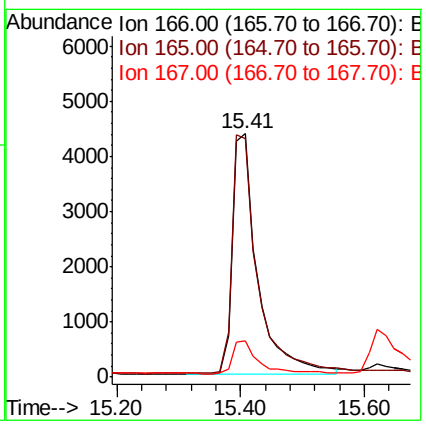


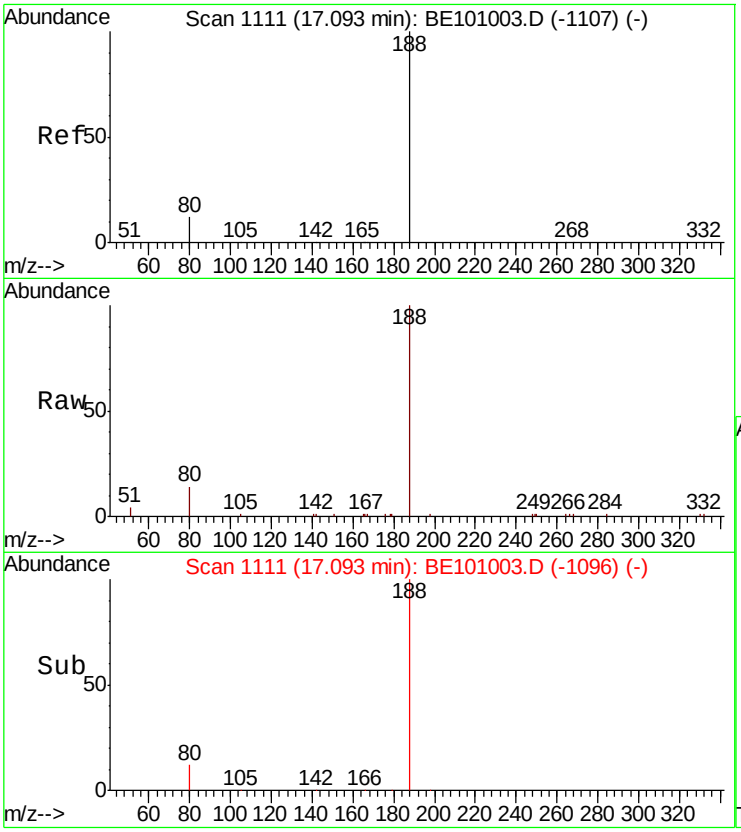


#18
Fluorene
Concen: 0.427 ng
RT: 15.41 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:166 Resp: 12305

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.8	11.0	16.6



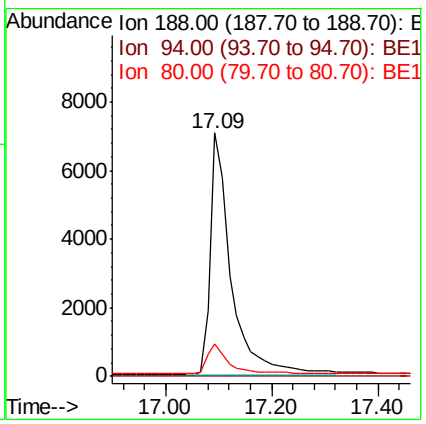


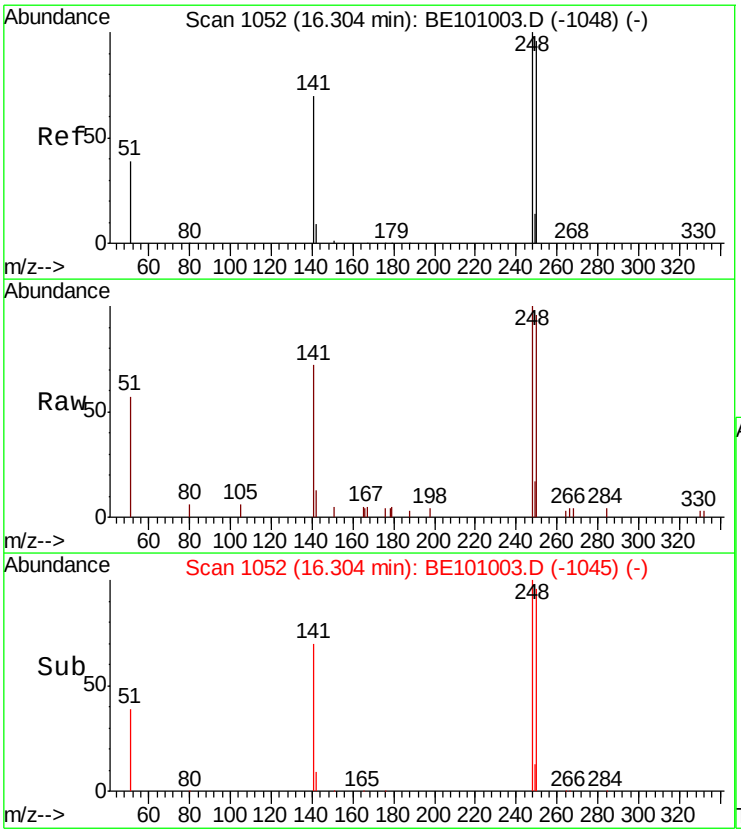
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19058

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	10.8	16.2

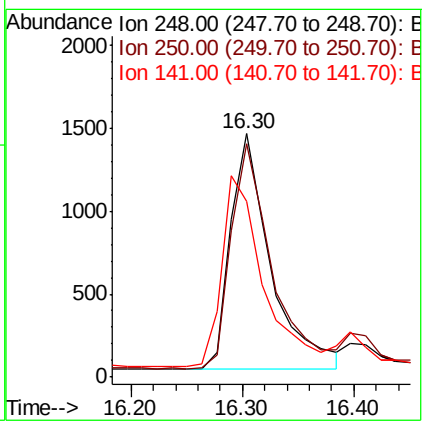


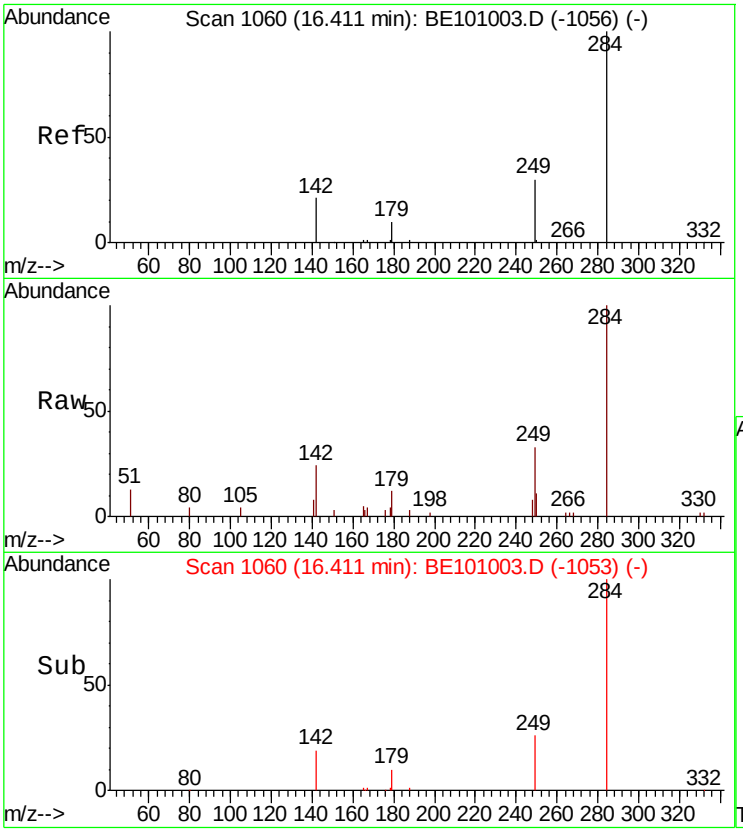


#20
4-Bromophenyl-phenylether
Concen: 0.423 ng
RT: 16.30 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:248 Resp: 3539

Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.6	115.0
141	72.1	57.7	86.5



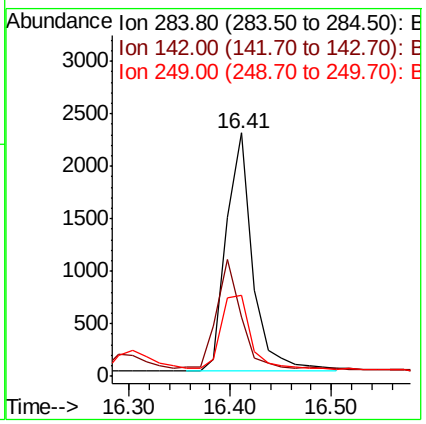


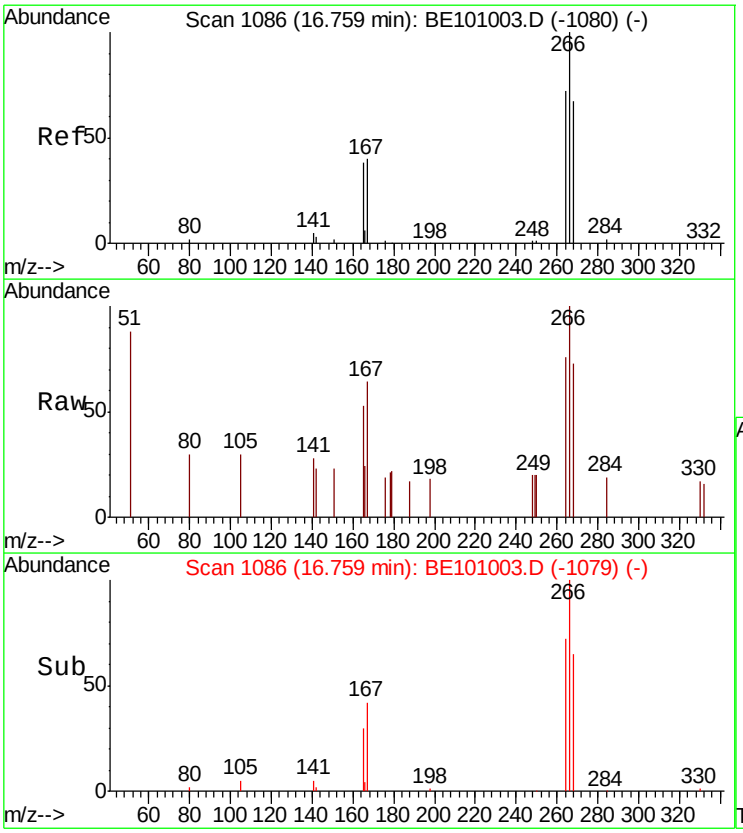
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4114

Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.0	51.0
249	35.3	28.2	42.4

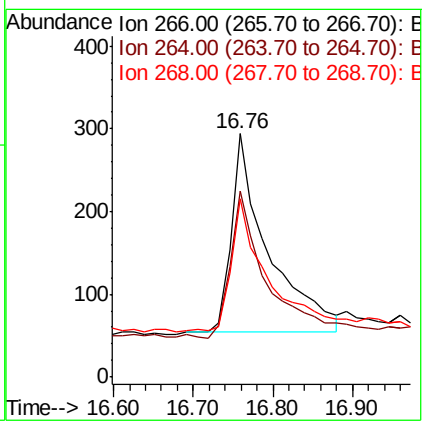


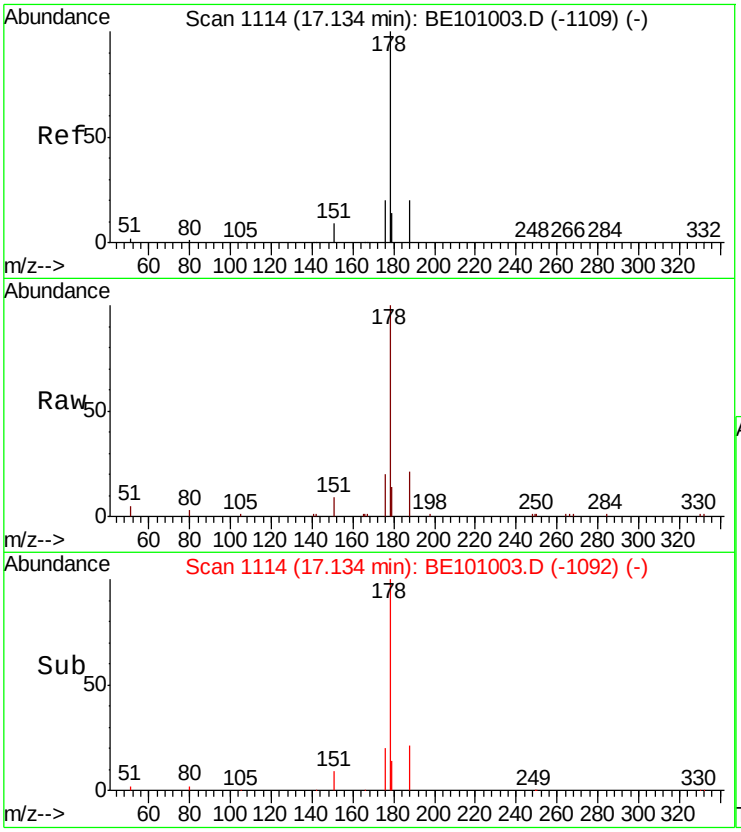


#22
Pentachlorophenol
Concen: 0.521 ng
RT: 16.76 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:266 Resp: 769

Ion	Ratio	Lower	Upper
266	100		
264	76.2	61.0	91.4
268	73.1	58.5	87.7



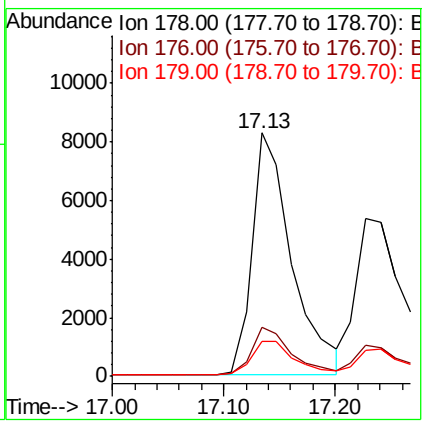


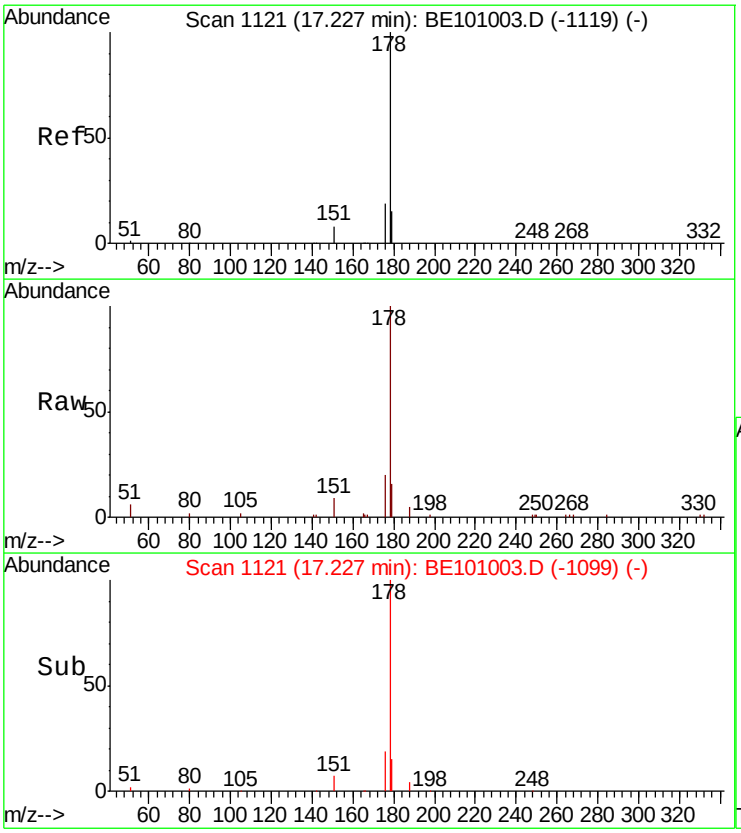
#23
Phenanthrene
Concen: 0.418 ng
RT: 17.13 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 20516

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.0	12.0	18.0

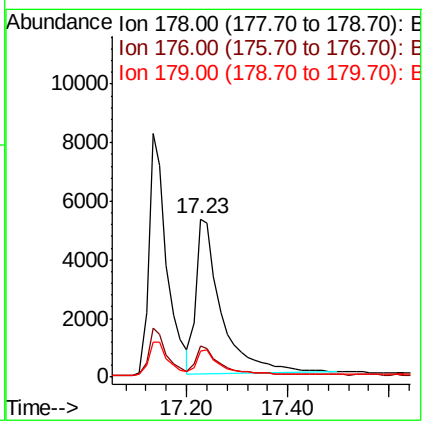


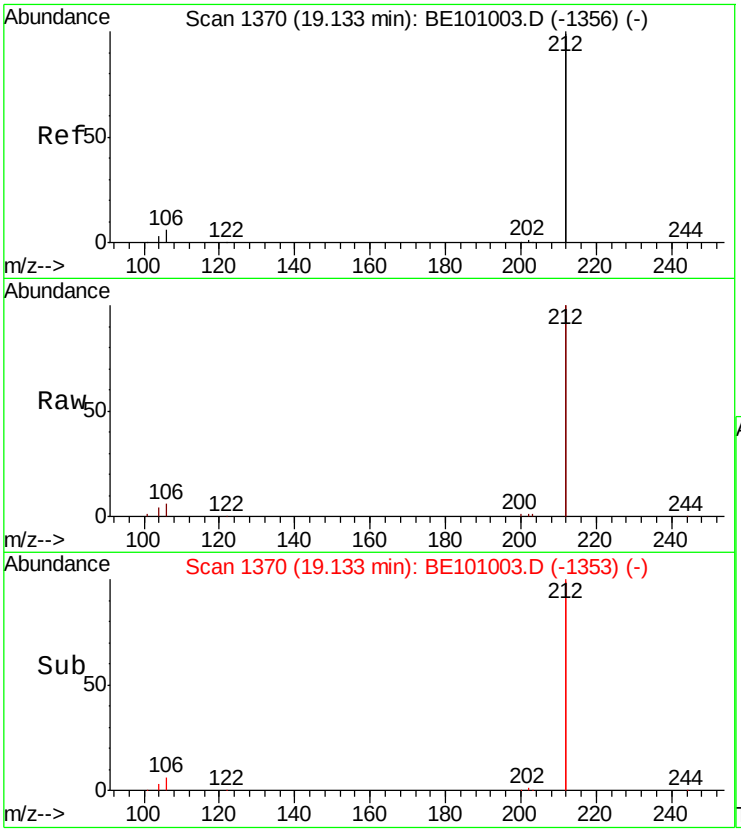


#24
Anthracene
Concen: 0.375 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:178 Resp: 18622

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6



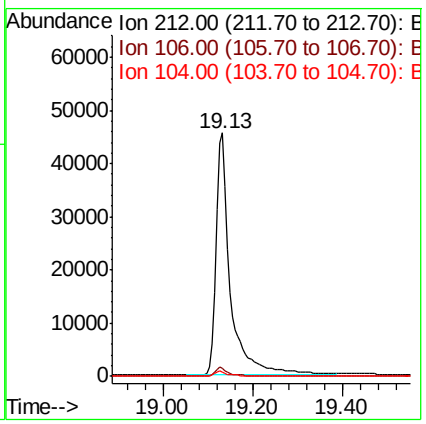


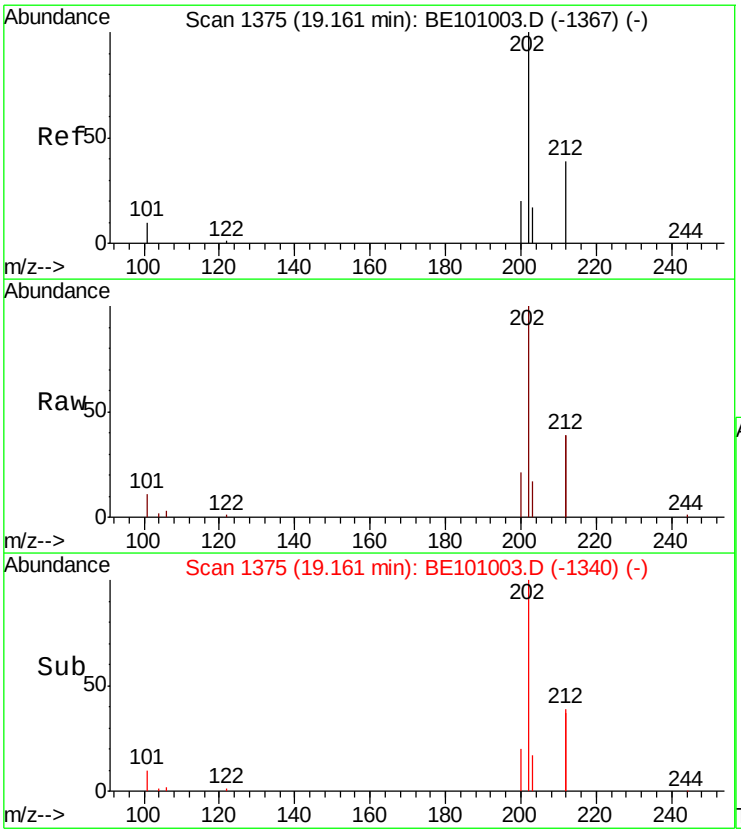
#25
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.13 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 102245

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

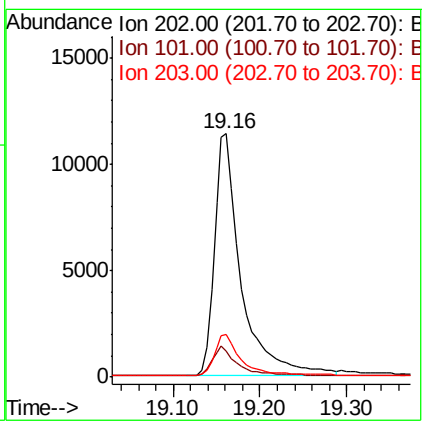


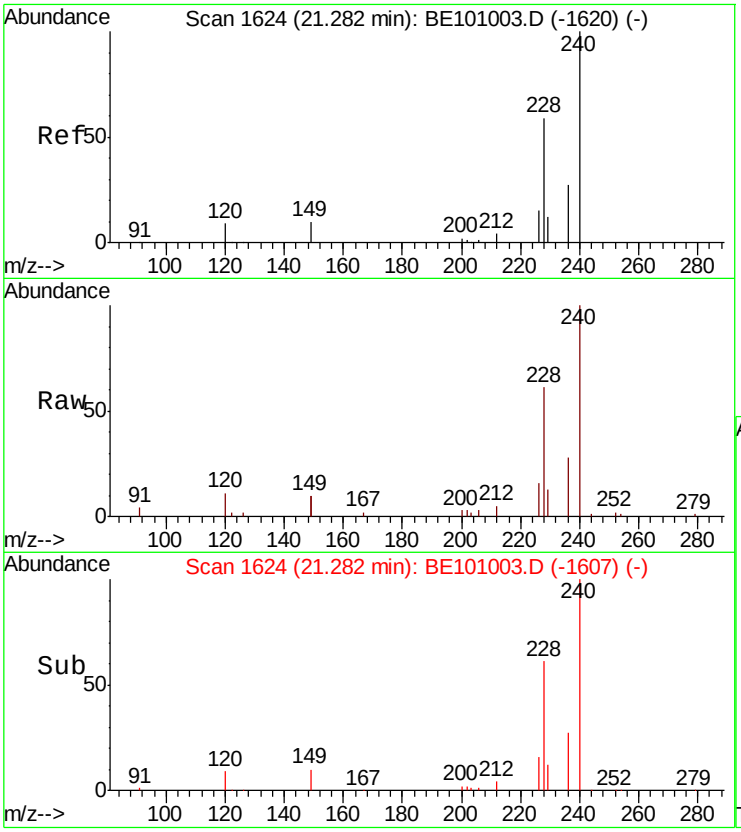


#26
Fluoranthene
Concen: 0.365 ng
RT: 19.16 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:202 Resp: 24453

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.2	13.8	20.6



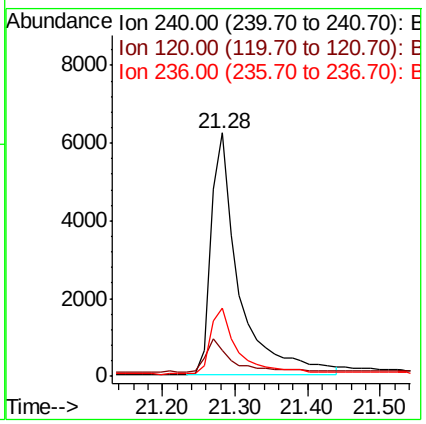


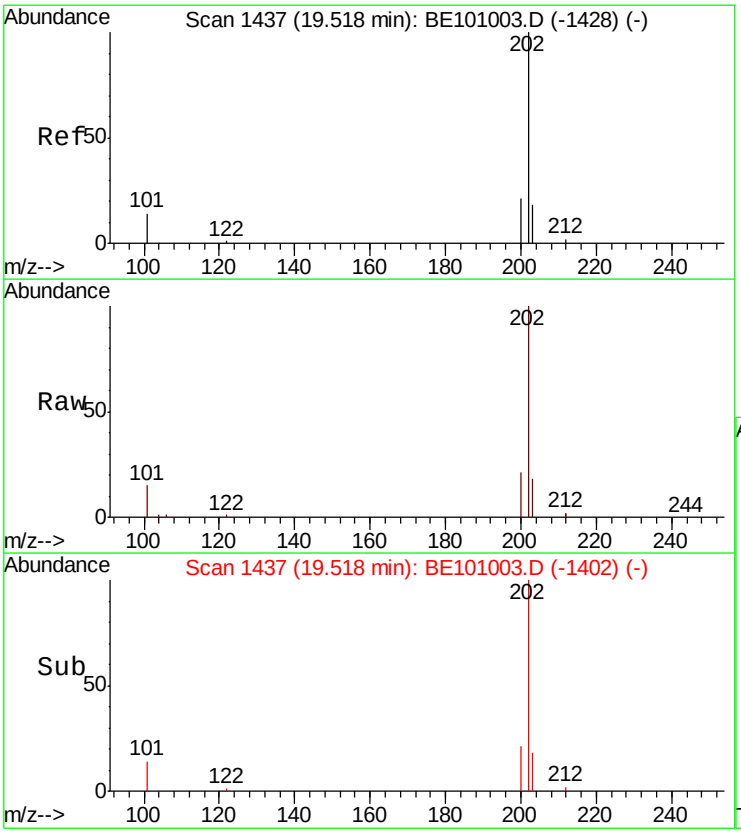
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16547

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	27.8	22.2	33.4

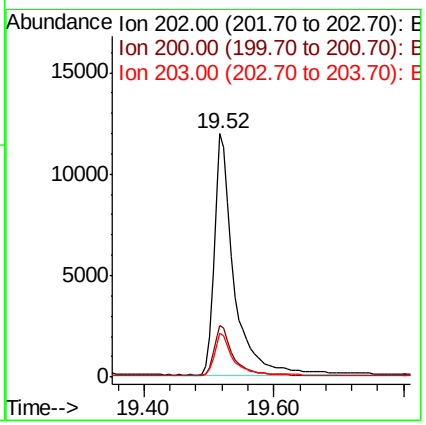


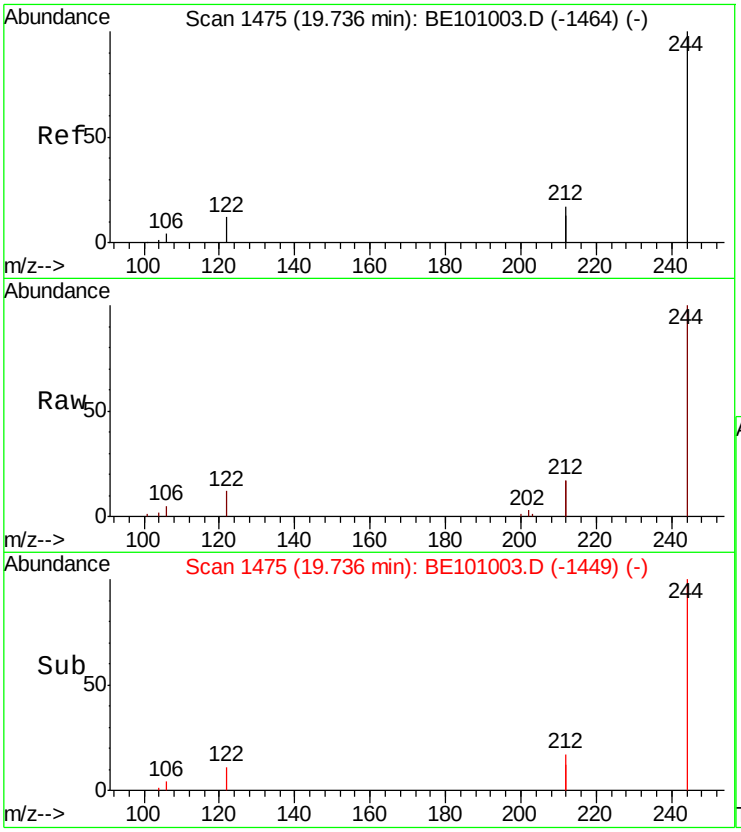


#28
Pyrene
Concen: 0.436 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:202 Resp: 25265

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.2	13.8	20.6



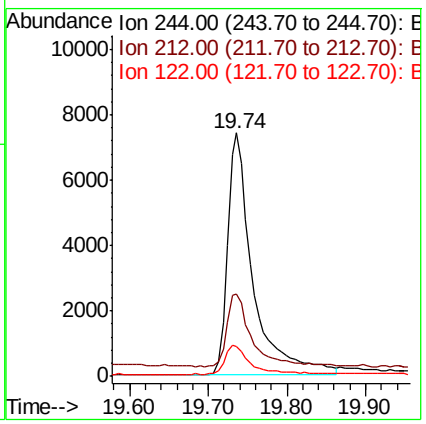


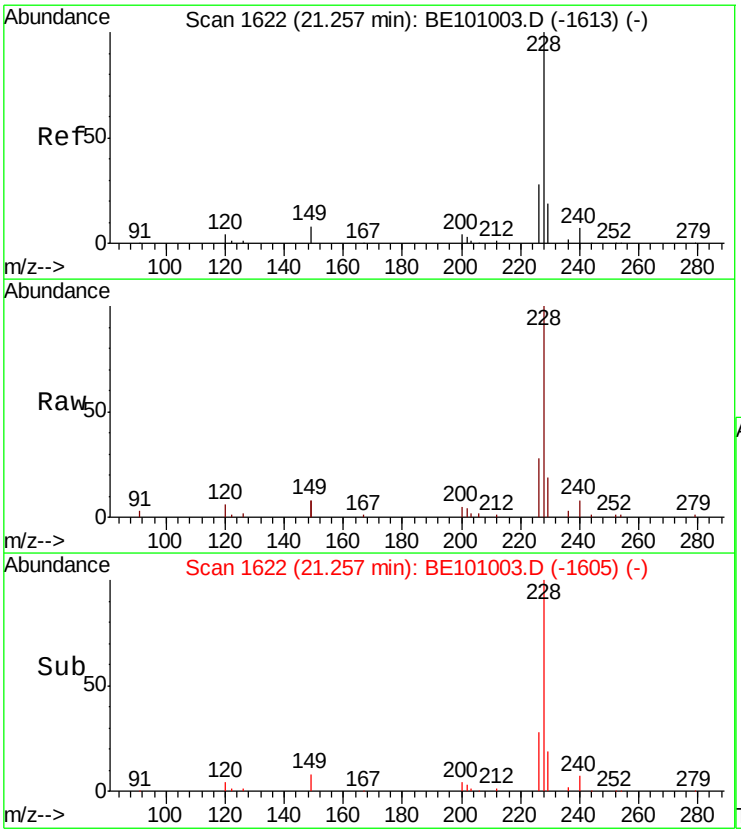
#29
Terphenyl-d14
Concen: 0.434 ng
RT: 19.74 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16491

Ion	Ratio	Lower	Upper
244	100		
212	34.0	27.2	40.8
122	12.3	9.8	14.8

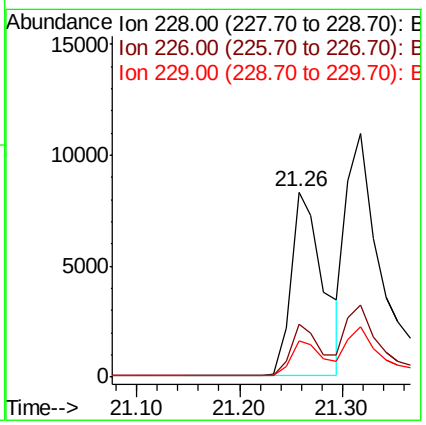


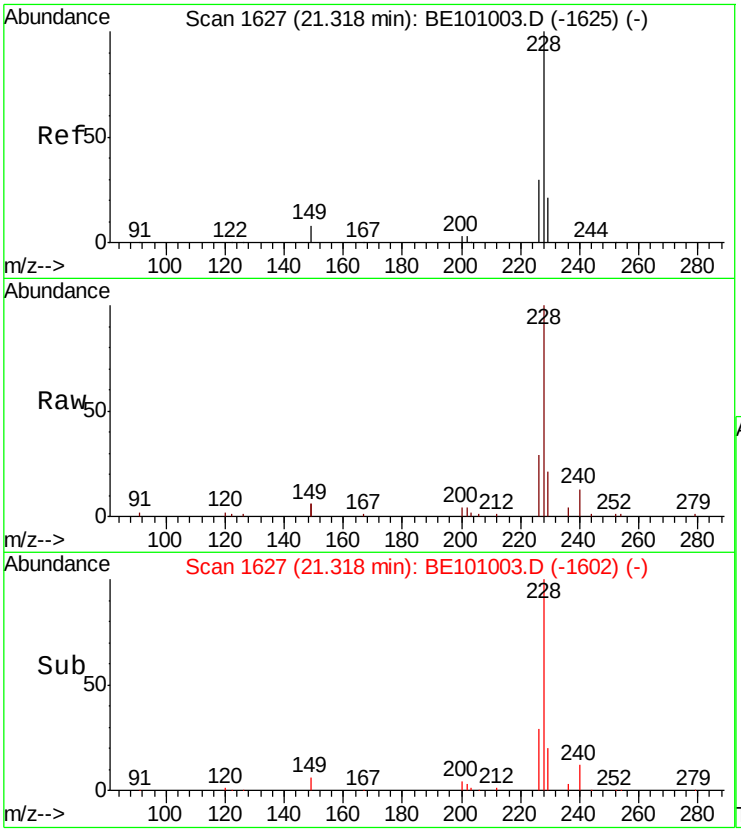


#30
Benzo(a)anthracene
Concen: 0.448 ng
RT: 21.26 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:228 Resp: 18136

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.4	15.5	23.3



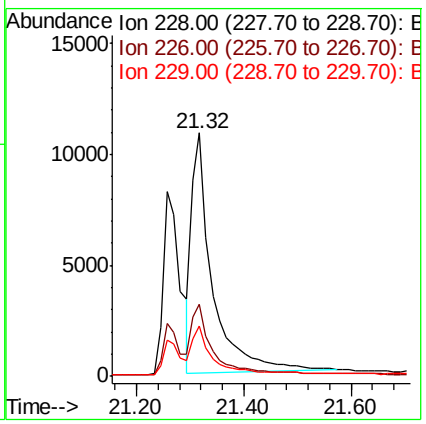


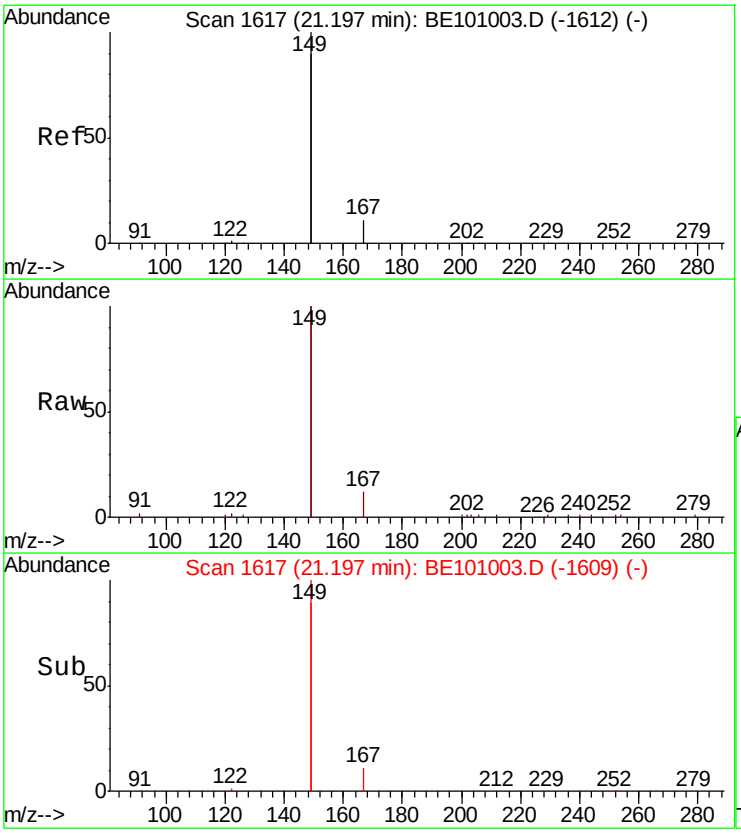
#31
Chrysene
Concen: 0.383 ng
RT: 21.32 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 28885

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	20.9	16.7	25.1

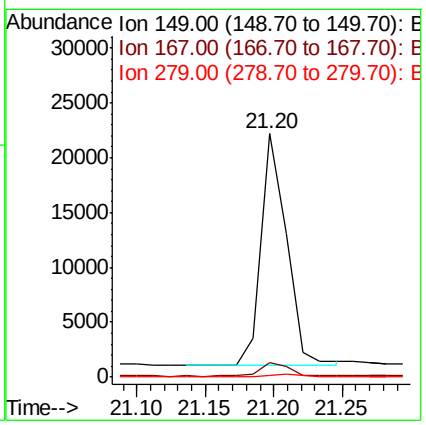


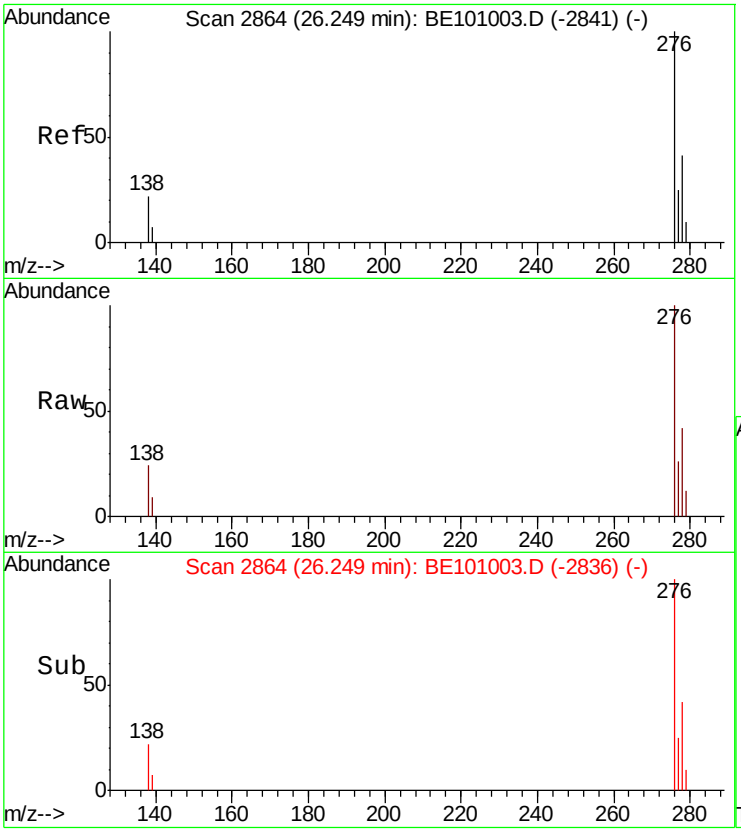


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.307 ng
RT: 21.20 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:149 Resp: 27389

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.0	0.8	1.2



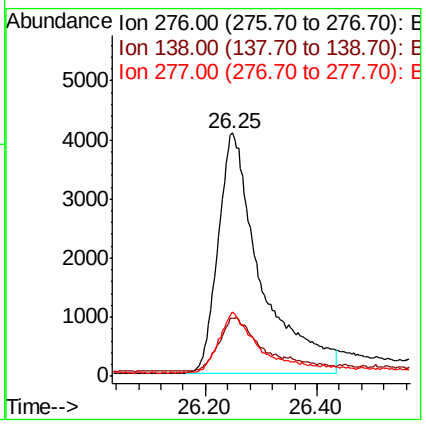


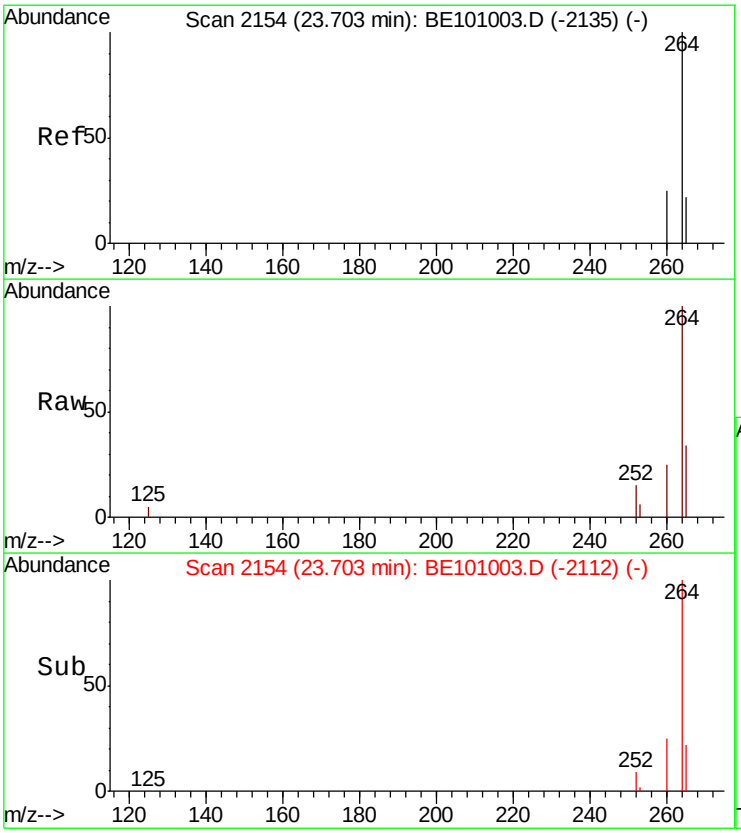
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21587

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.1	24.1
277	22.6	18.1	27.1

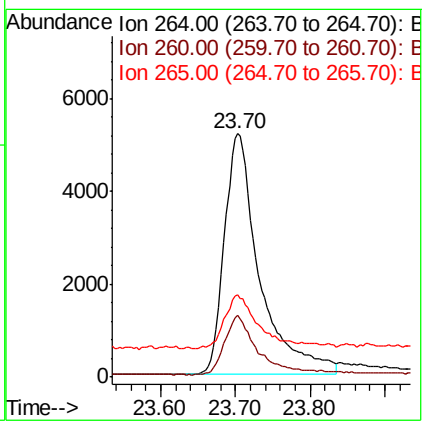


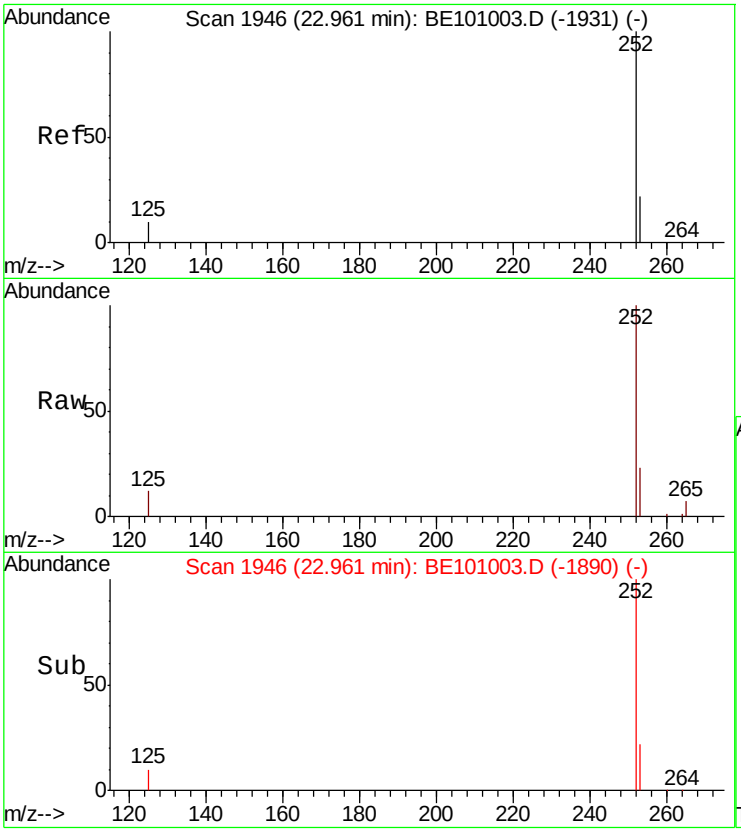


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:264 Resp: 16977

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.3	30.5
265	33.7	27.0	40.4



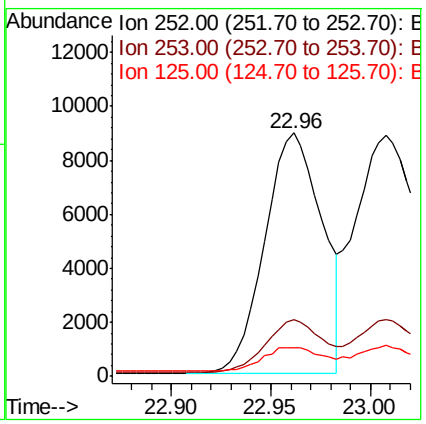


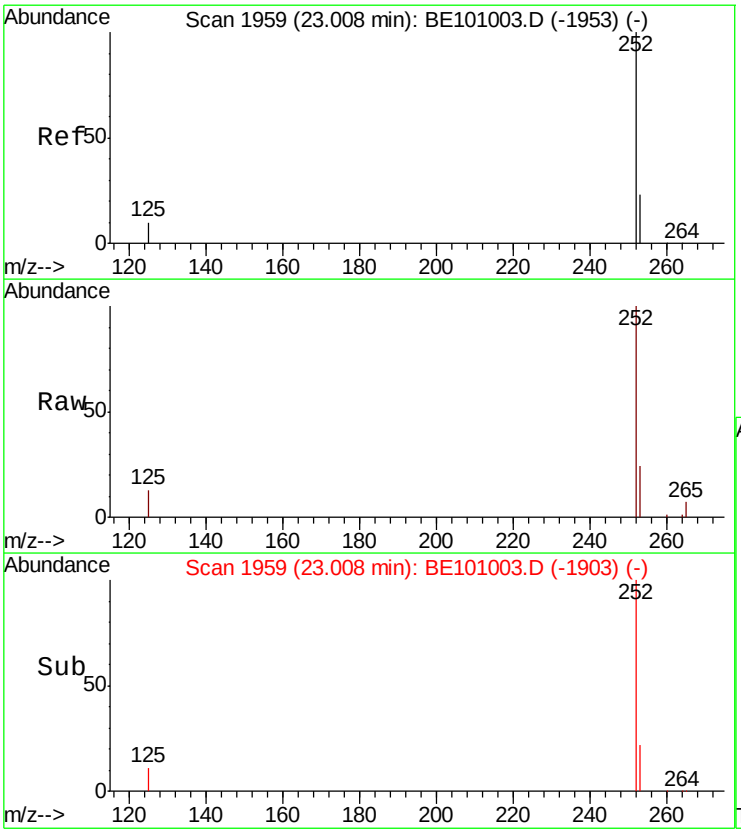
#35
Benzo(b)fluoranthene
Concen: 0.497 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17778

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.9	9.5	14.3

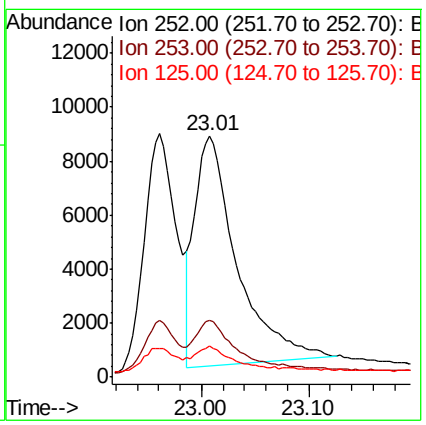


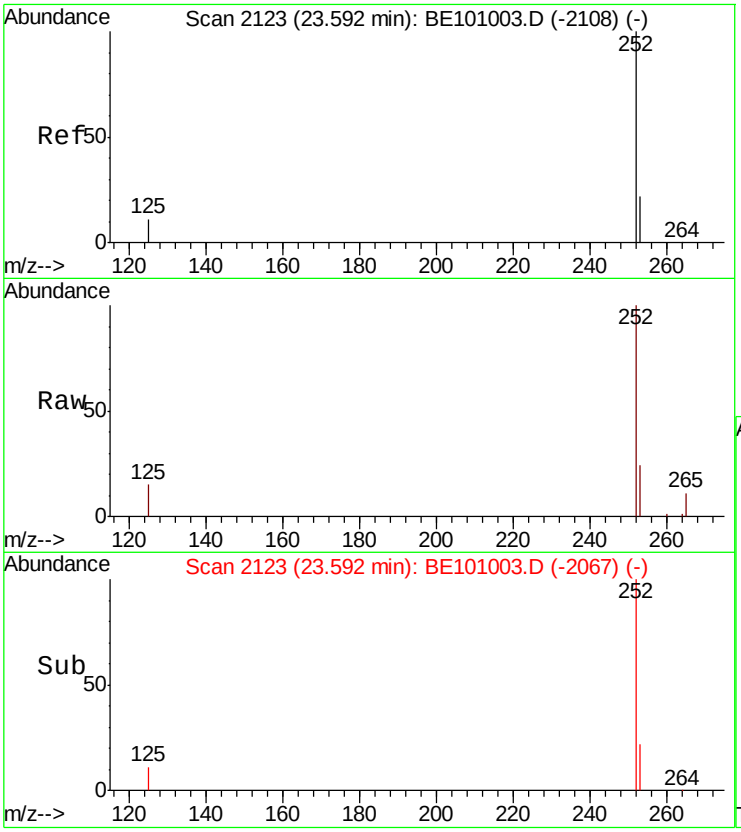


#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.01 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:252 Resp: 23275

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.6	10.1	15.1



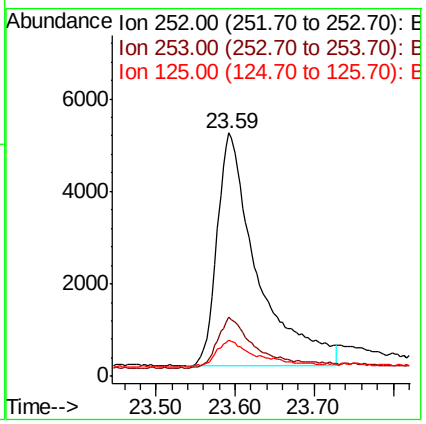


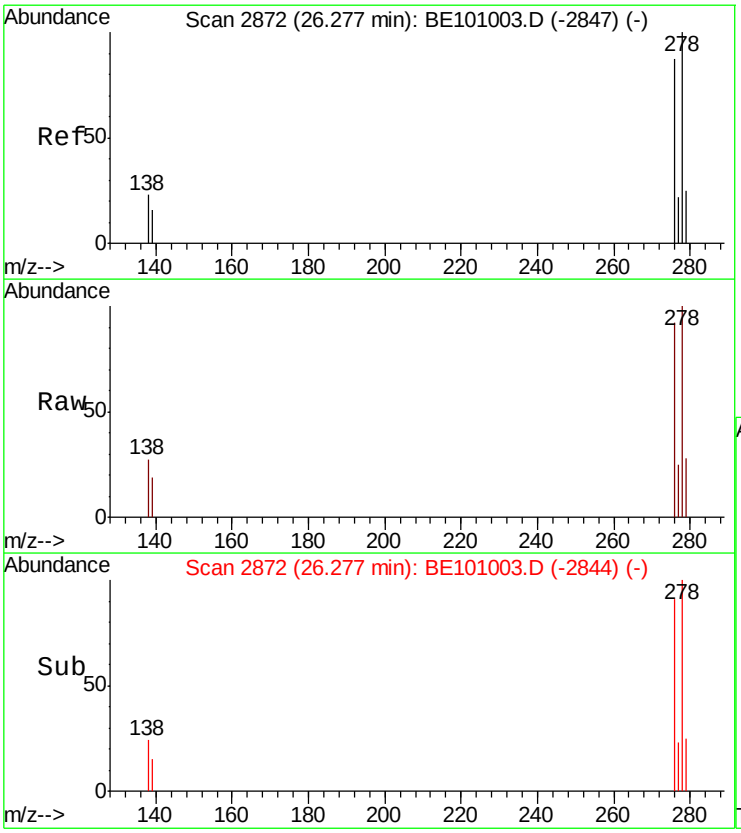
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.59 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17833

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	14.7	11.8	17.6

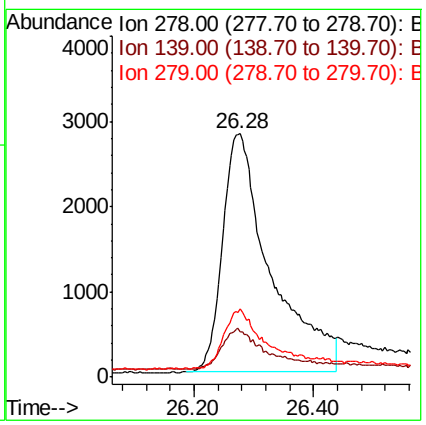


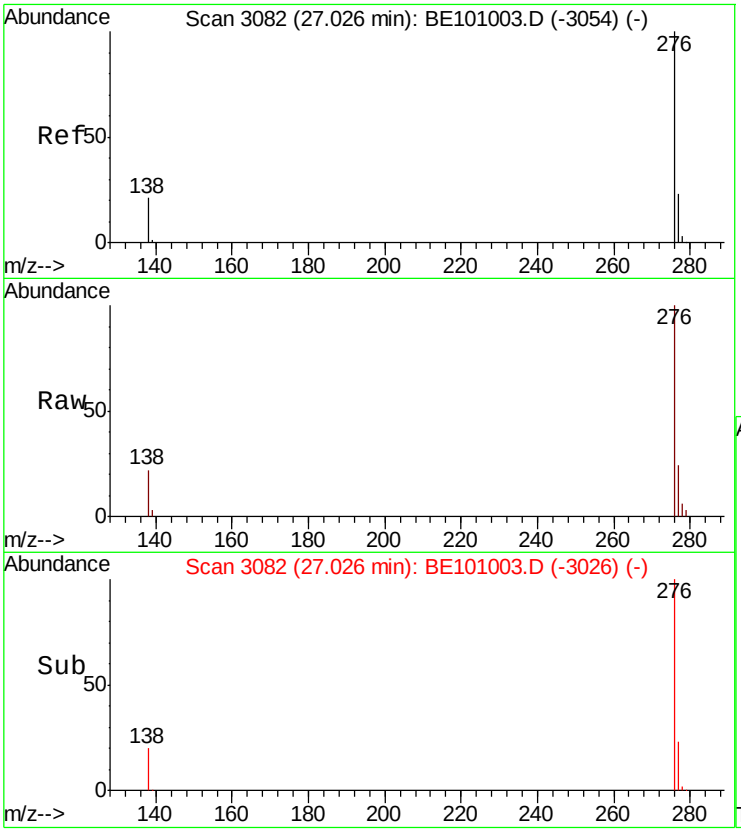


#38
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 26.28 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Tgt Ion:278 Resp: 15636

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.4
279	28.2	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.480 ng
RT: 27.03 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BE101003.D
Acq: 8 Jan 2020 14:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21395

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.4	17.9	26.9