Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101040.D
Acq On : 13 Jan 2020 16:21
Operator : JU
Sample : PB125976BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 13 17:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3421	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	15670	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8406	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18525	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15597	0.40	ng	-0.01
34) Perylene-d12	23.70	264	15293	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1550	0.20	ng	0.00
5) Phenol-d6	6.92	99	1292	0.13	ng	0.00
8) Nitrobenzene-d5	8.87	82	3151	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11181	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	582	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	15673	0.49	ng	-0.01
25) Fluoranthene-d10	19.13	212	83711	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	17538	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1950	0.163	ng	# 49
3) n-Nitrosodimethylamine	3.61	42	1171	0.246	ng	# 88
6) bis(2-Chloroethyl)ether	7.16	93	3861	0.333	ng	96
9) Naphthalene	10.55	128	63483	0.365	ng	100
10) Hexachlorobutadiene	10.85	225	2479	0.336	ng	97
12) 2-Methylnaphthalene	12.18	142	9294	0.353	ng	96
16) Acenaphthylene	14.08	152	9905	0.289	ng	99
17) Acenaphthene	14.43	154	8973	0.366	ng	99
18) Fluorene	15.39	166	11213	0.362	ng	100
20) 4-Bromophenyl-phenylether	16.31	248	2954	0.327	ng	93
21) Hexachlorobenzene	16.41	284	3418	0.345	ng	99
22) Pentachlorophenol	16.76	266	1064	0.557	ng	92
23) Phenanthrene	17.14	178	18739	0.370	ng	99
24) Anthracene	17.23	178	16464	0.345	ng	97
26) Fluoranthene	19.16	202	22319	0.352	ng	98
28) Pyrene	19.52	202	21968	0.378	ng	100
30) Benzo(a)anthracene	21.26	228	12840	0.289	ng	98
31) Chrysene	21.31	228	28893	0.437	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	22647	0.305	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	17888	0.342	ng	97
35) Benzo(b)fluoranthene	22.96	252	15222	0.355	ng	100
36) Benzo(k)fluoranthene	23.00	252	21928	0.353	ng	98
37) Benzo(a)pyrene	23.59	252	15380	0.371	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	13236	0.347	ng	98
39) Benzo(g,h,i)perylene	27.01	276	18971	0.404	ng	98

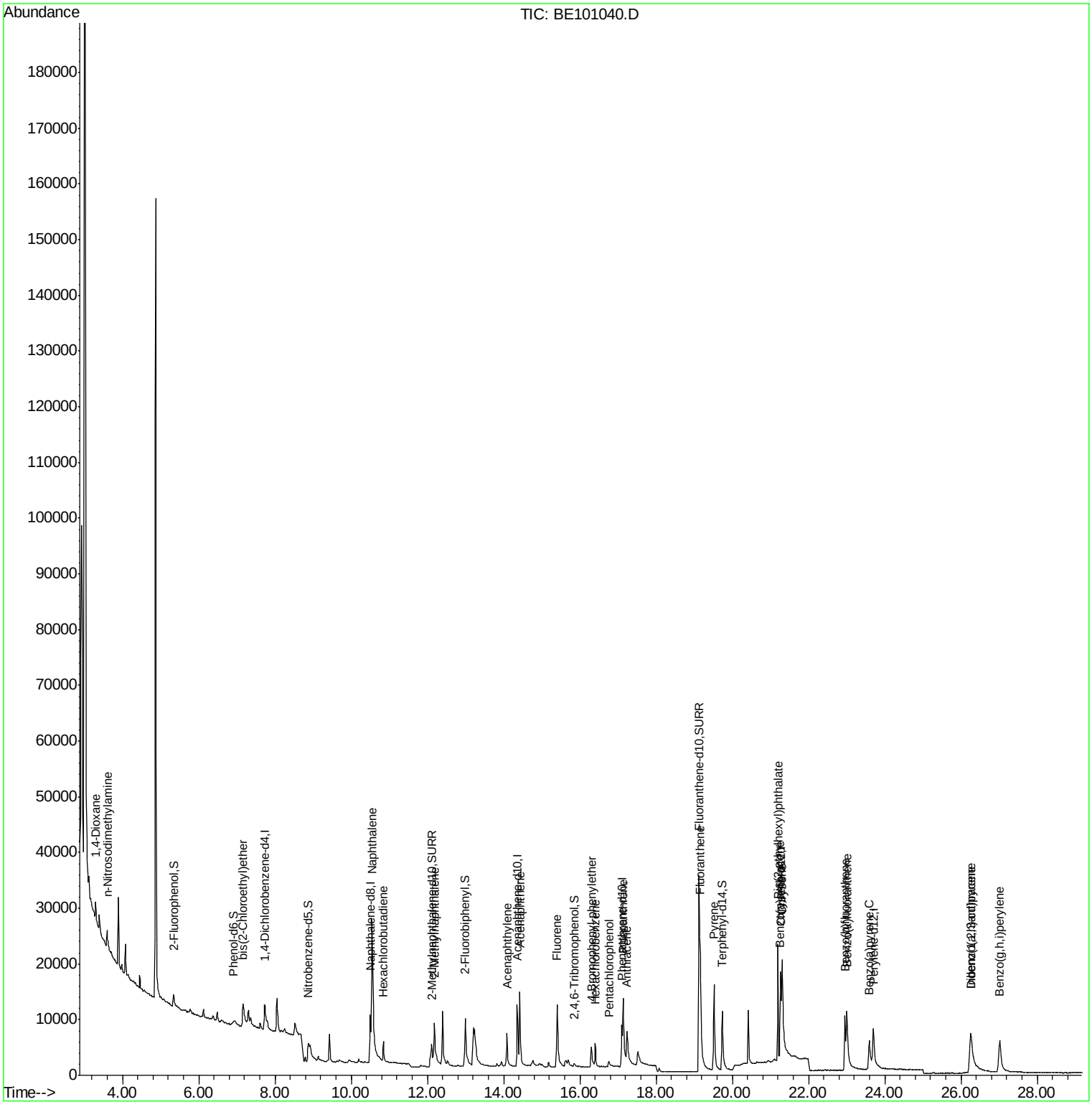
(#) = qualifier out of range (m) = manual integration (+) = signals summed

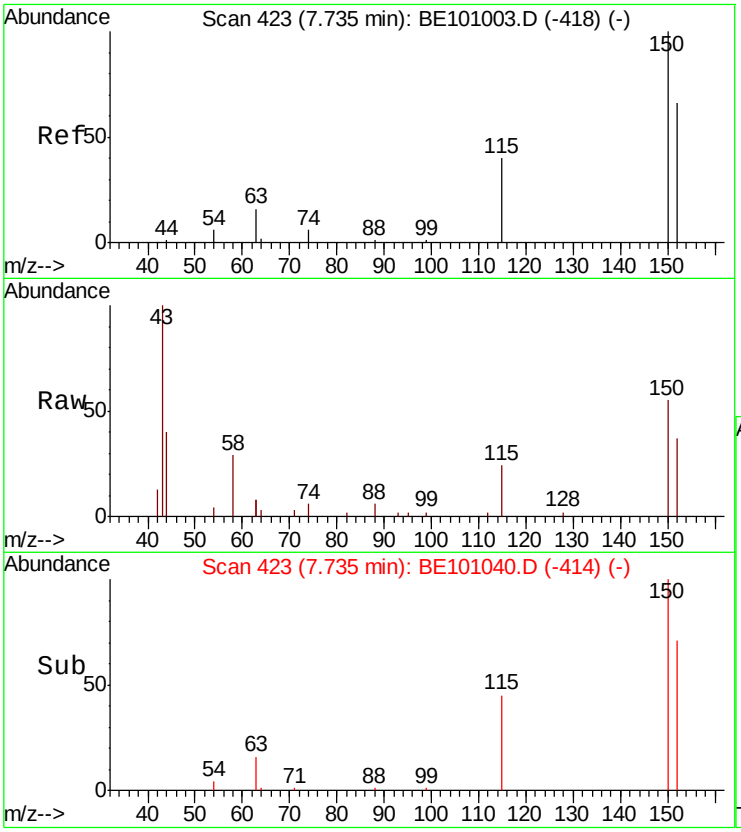
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101040.D
Acq On : 13 Jan 2020 16:21
Operator : JU
Sample : PB125976BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 13 17:28:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



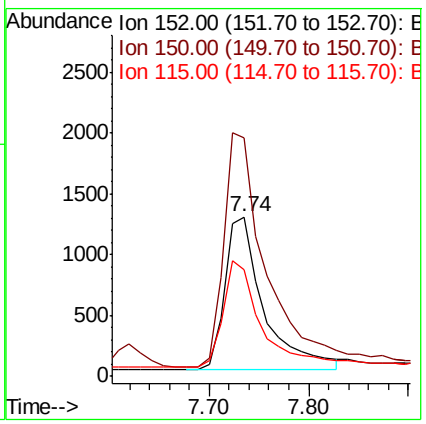


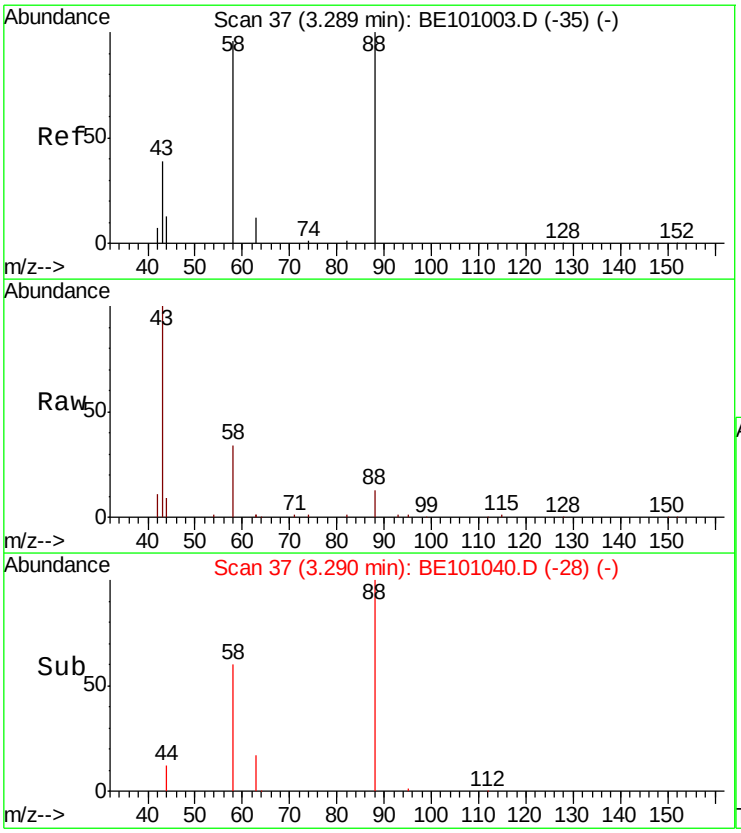
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3421

Ion	Ratio	Lower	Upper
152	100		
150	149.0	120.3	180.5
115	66.4	51.7	77.5

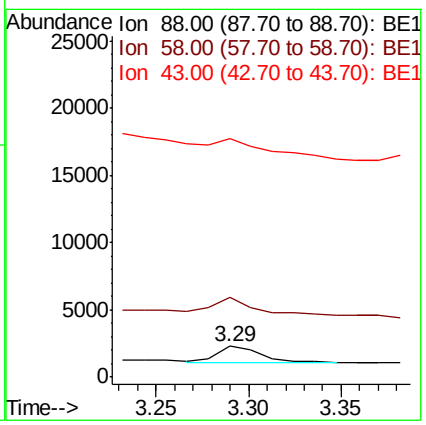


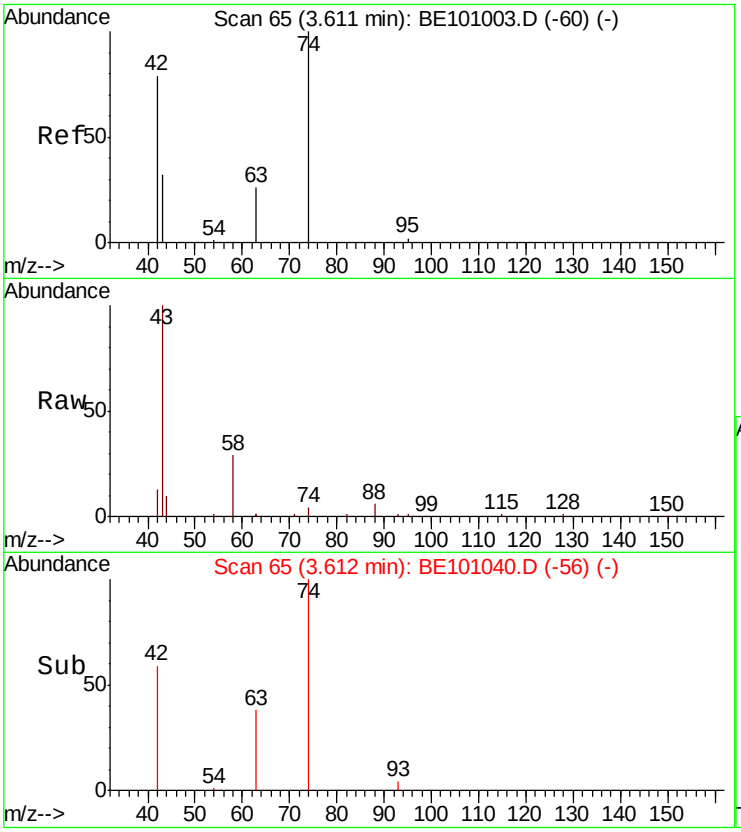


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion: 88 Resp: 1950

Ion	Ratio	Lower	Upper
88	100		
58	105.1	53.0	79.4#
43	0.0	23.4	35.2#



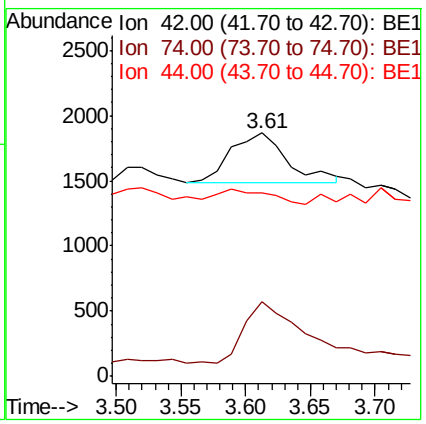


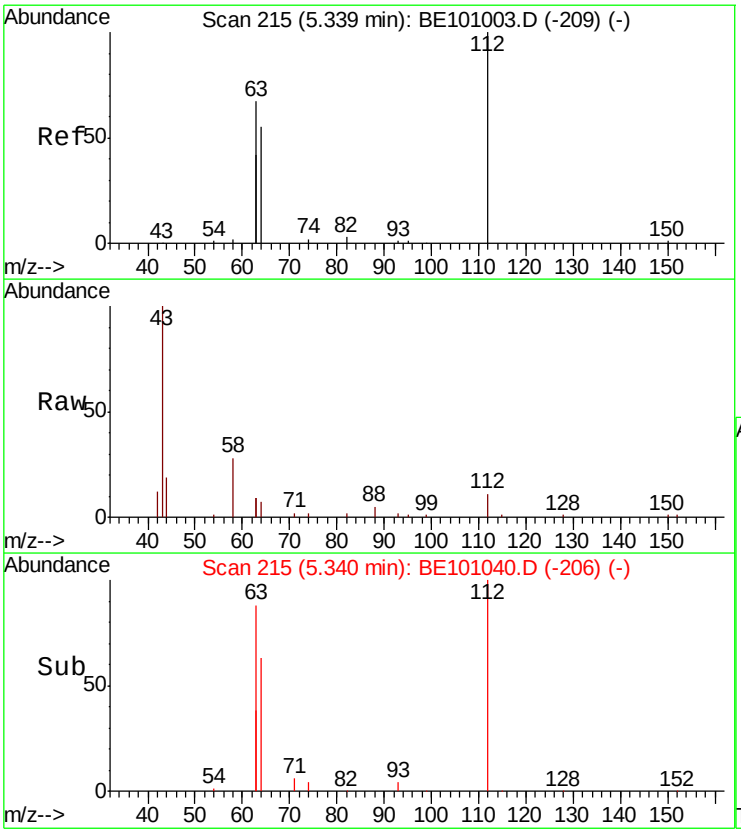
#3
n-Nitrosodimethylamine
Concen: 0.246 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1171

Ion	Ratio	Lower	Upper
42	100		
74	120.8	105.7	158.5
44	0.0	10.0	15.0#

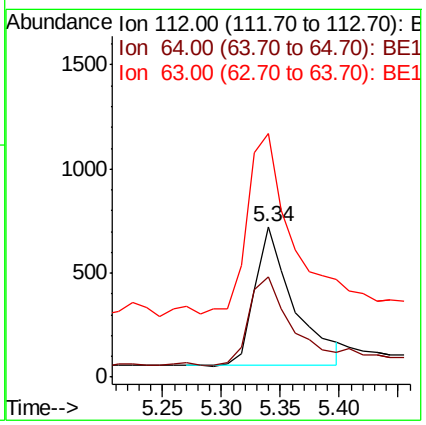


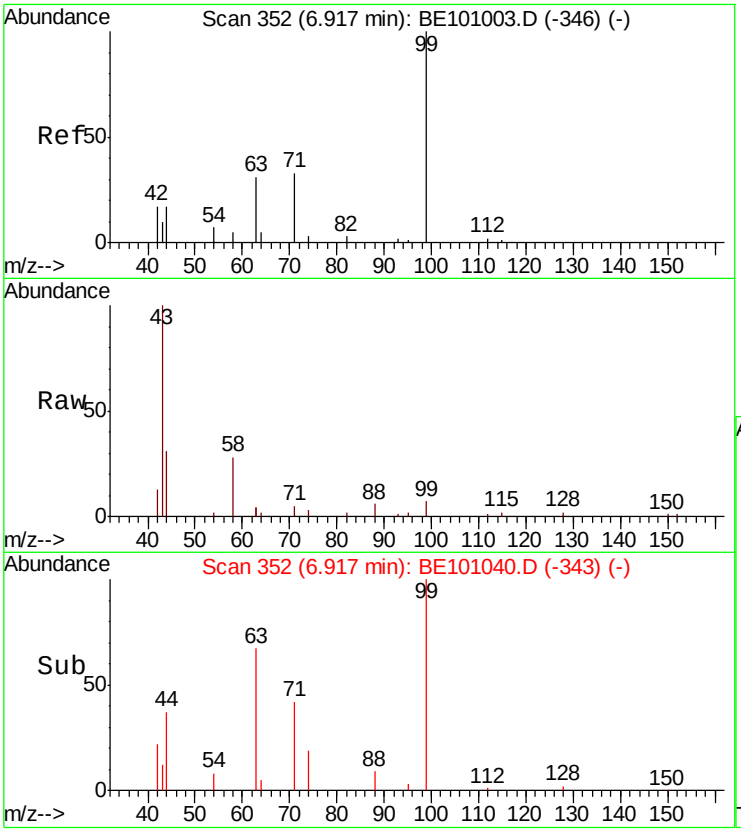


#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:112 Resp: 1550

Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.6	80.4
63	147.0	114.6	172.0



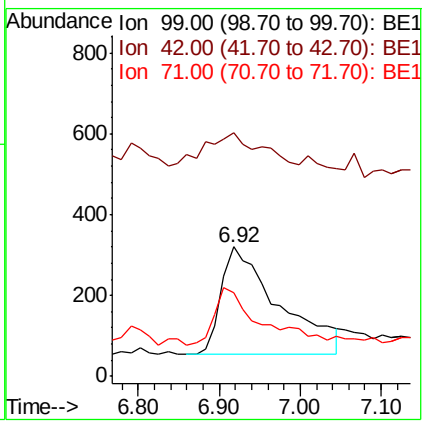


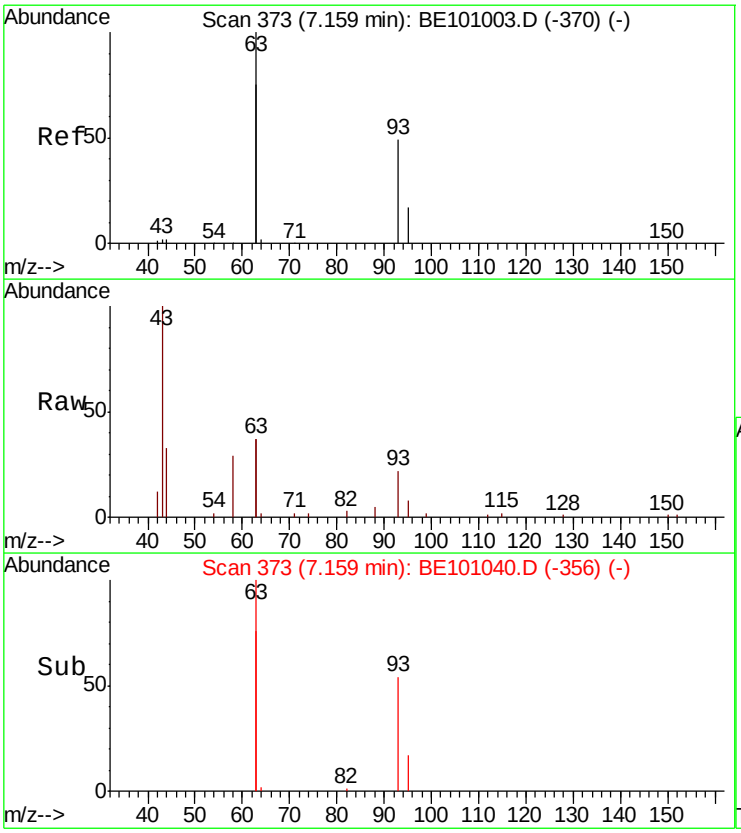
#5
Phenol-d6
Concen: 0.133 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1292

Ion	Ratio	Lower	Upper
99	100		
42	29.0	18.3	27.5#
71	42.5	28.0	42.0#

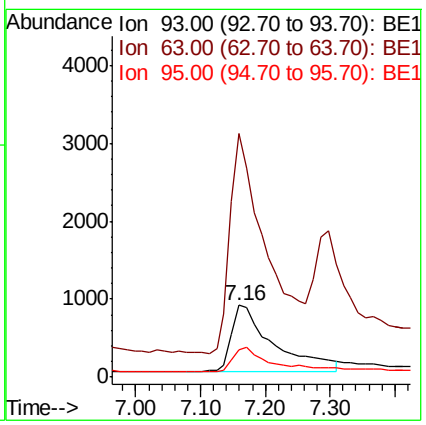


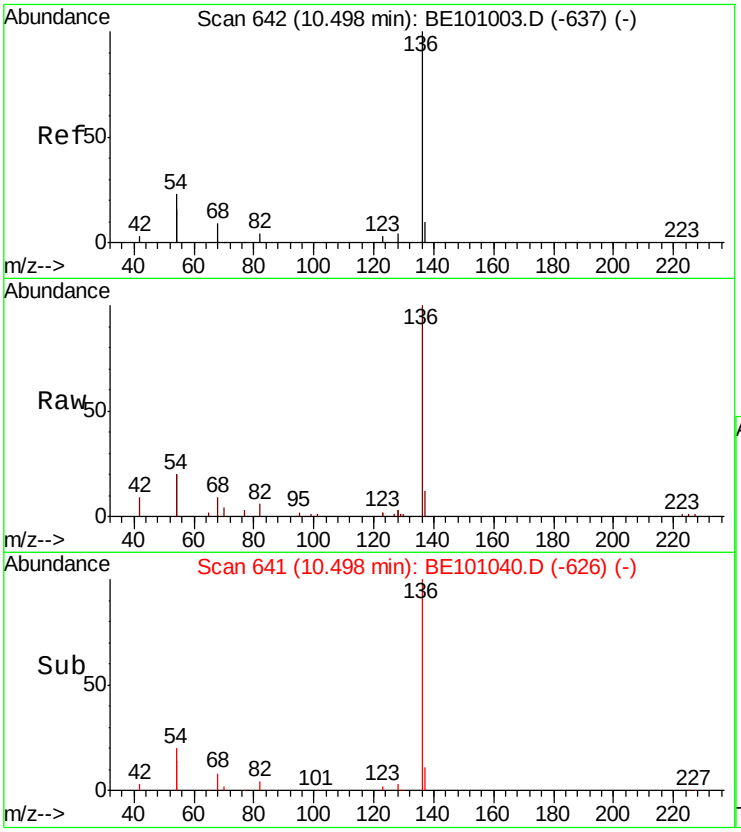


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion: 93 Resp: 3861

Ion	Ratio	Lower	Upper
93	100		
63	286.2	233.9	350.9
95	34.5	23.5	35.3



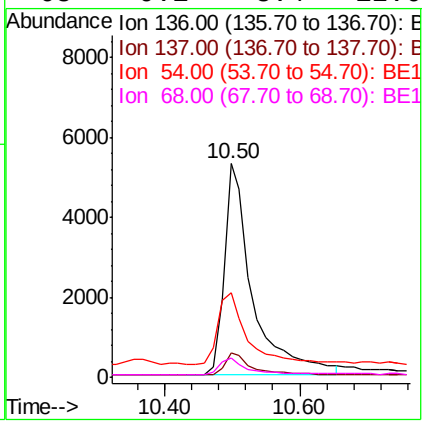


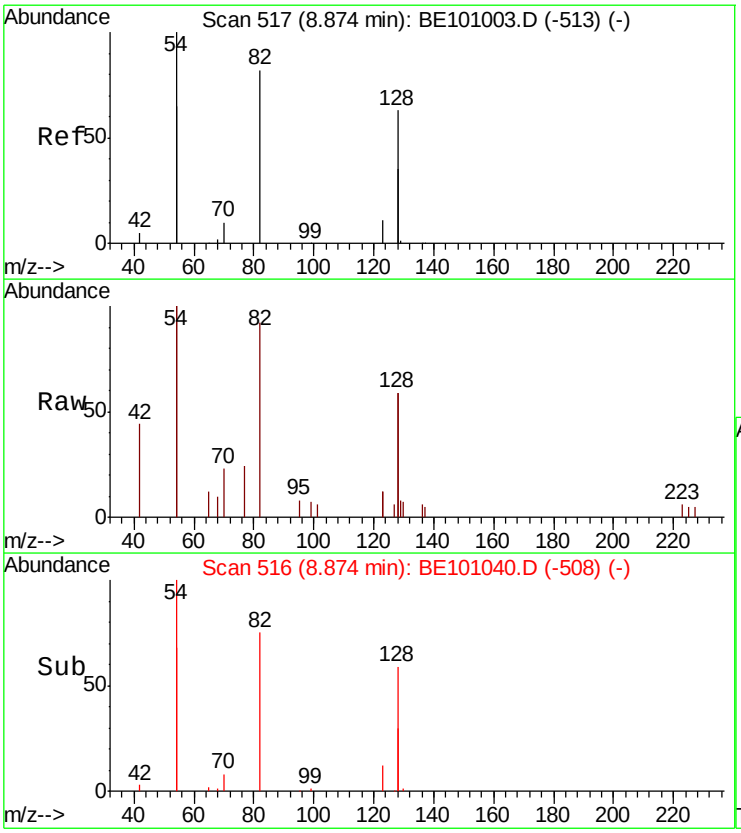
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15670

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	39.8	36.8	55.2
68	9.1	8.4	12.6

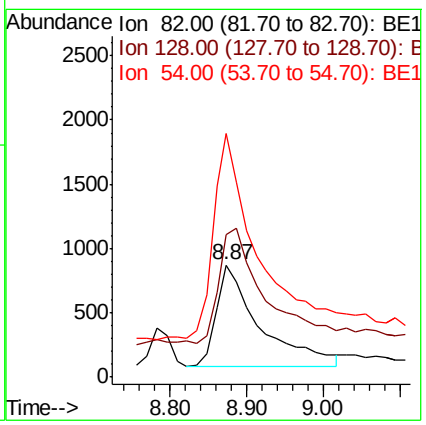


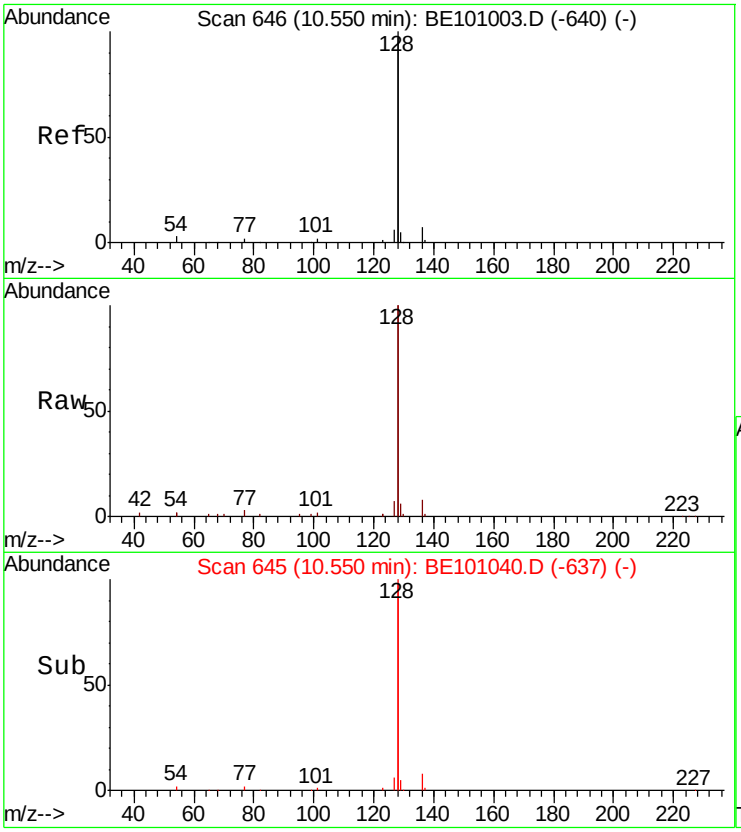


#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion: 82 Resp: 3151

Ion	Ratio	Lower	Upper
82	100		
128	127.5	109.8	164.6
54	217.2	174.5	261.7



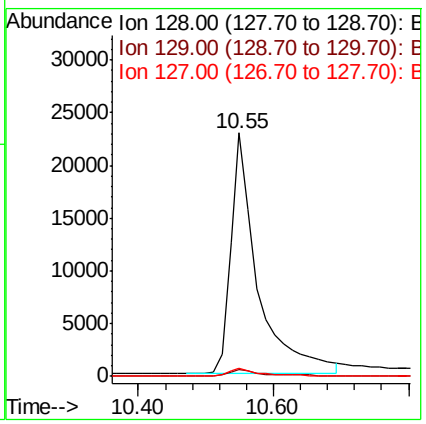


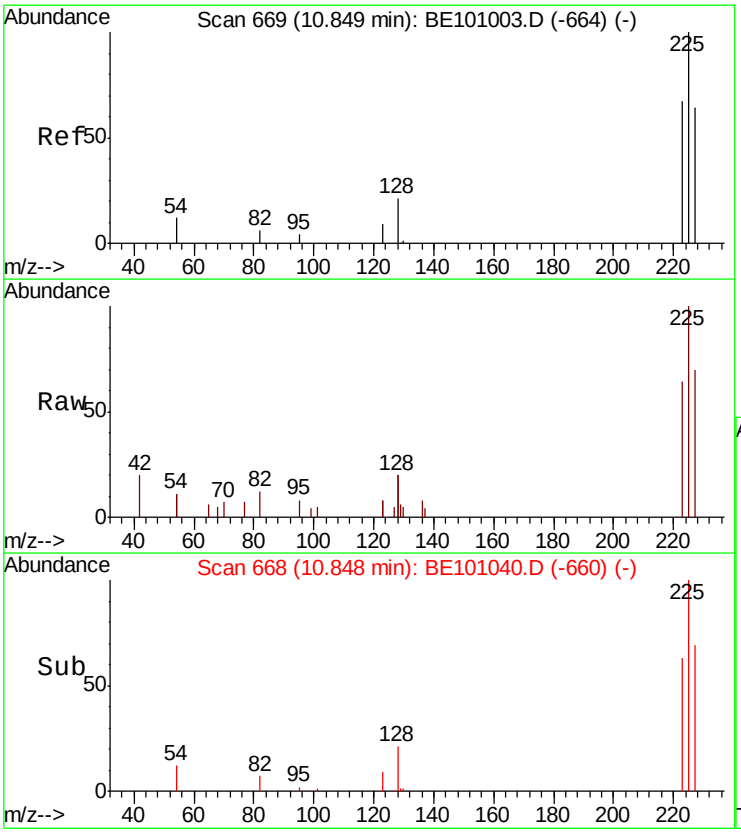
#9
Naphthalene
Concen: 0.365 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 63483

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

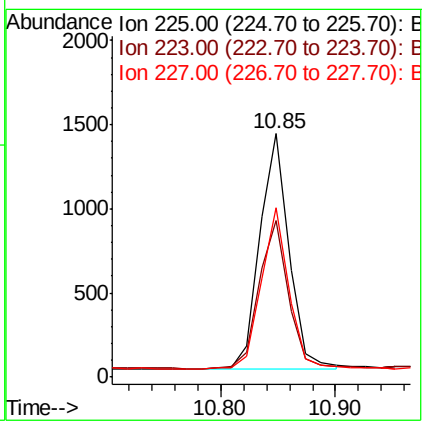


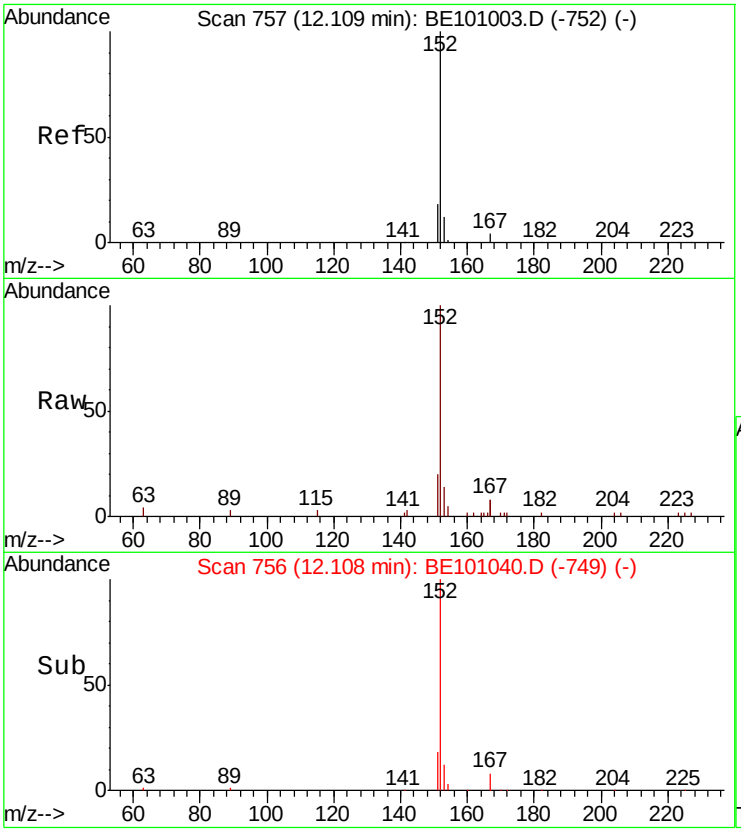


#10
Hexachlorobutadiene
Concen: 0.336 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:225 Resp: 2479

Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	64.7	49.9	74.9



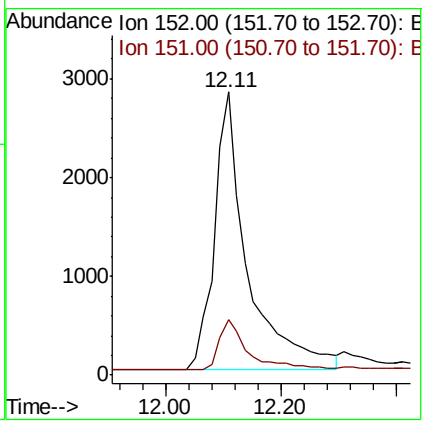


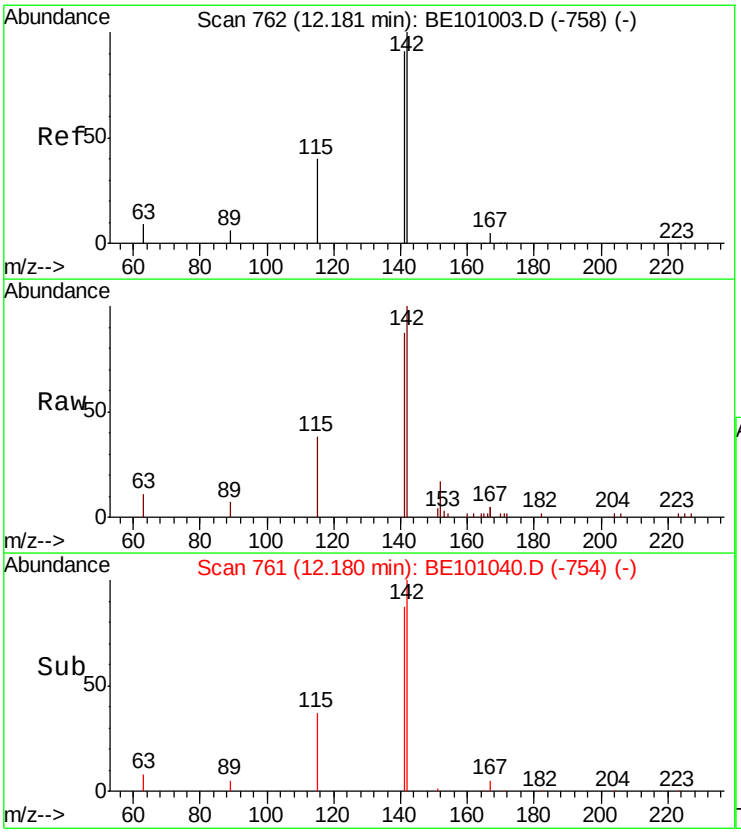
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:152 Resp: 11181

Ion	Ratio	Lower	Upper
152	100		
151	15.7	15.0	22.6

Instrument :
BNA_E
ClientSampleId :

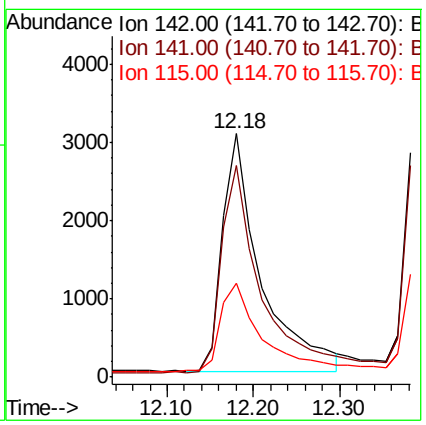


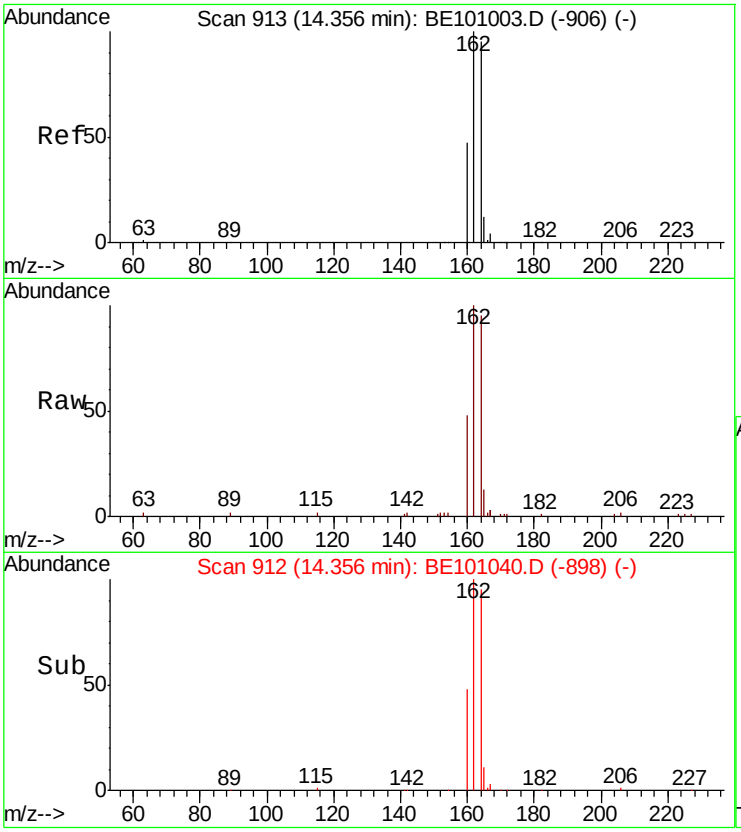


#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:142 Resp: 9294

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.5	108.7
115	38.5	33.0	49.6



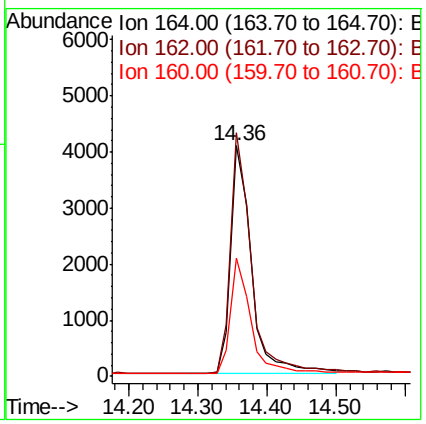


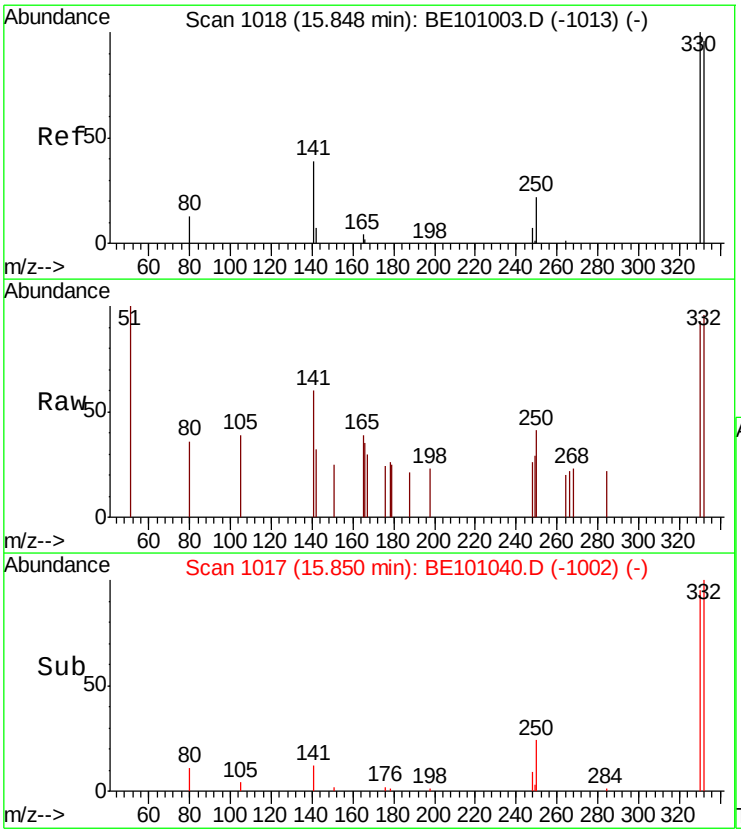
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8406

Ion	Ratio	Lower	Upper
164	100		
162	105.7	84.1	126.1
160	51.1	40.4	60.6

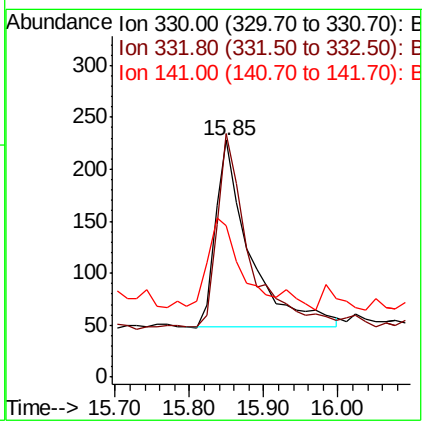


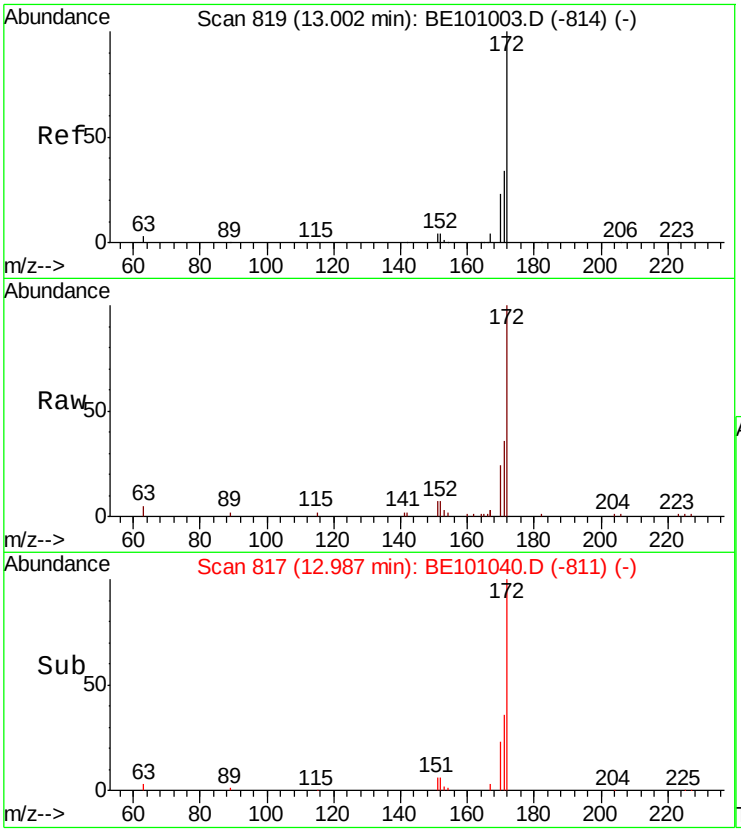


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:330 Resp: 582

Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.4	117.6
141	53.6	37.0	55.4



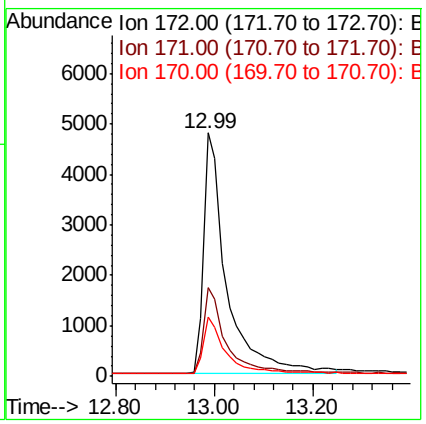


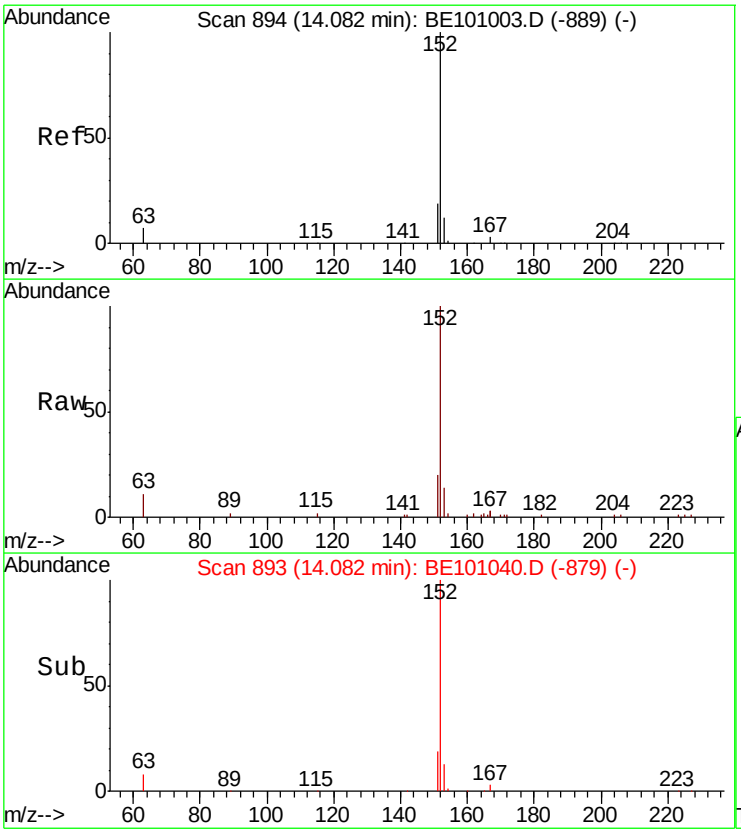
#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 15673

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.2
170	24.3	18.9	28.3

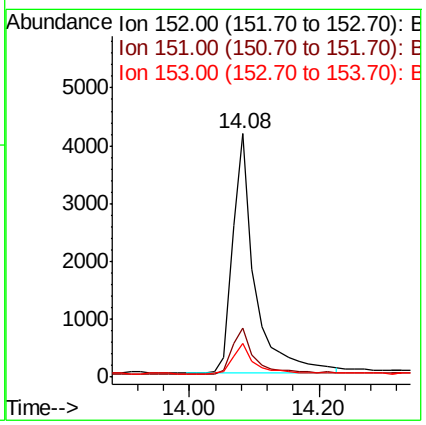


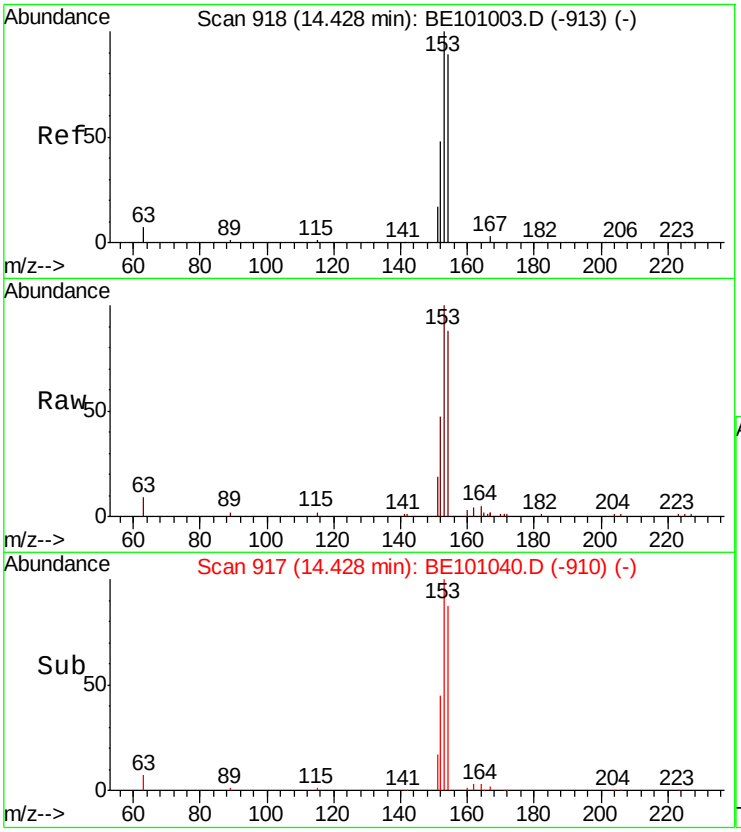


#16
Acenaphthylene
Concen: 0.289 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:152 Resp: 9905

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.2	10.4	15.6



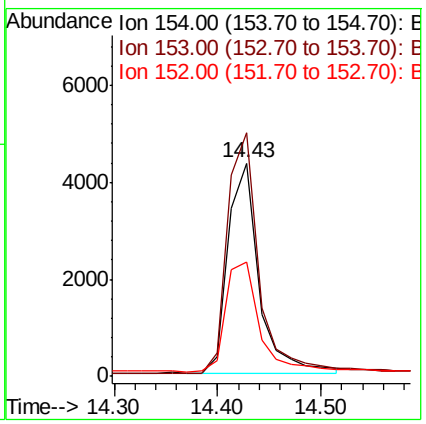


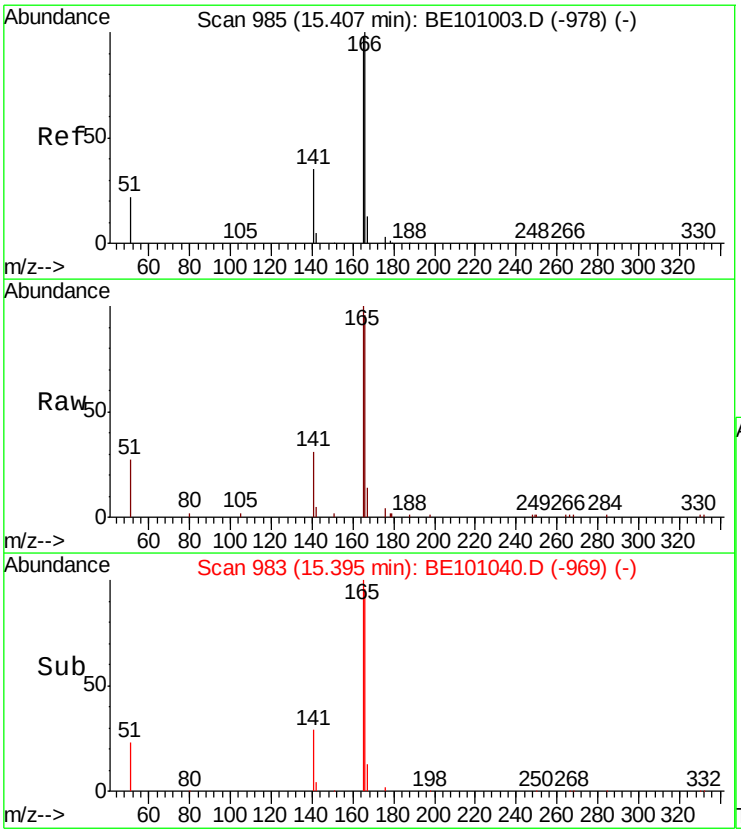
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8973

Ion	Ratio	Lower	Upper
154	100		
153	116.2	93.6	140.4
152	56.5	46.3	69.5

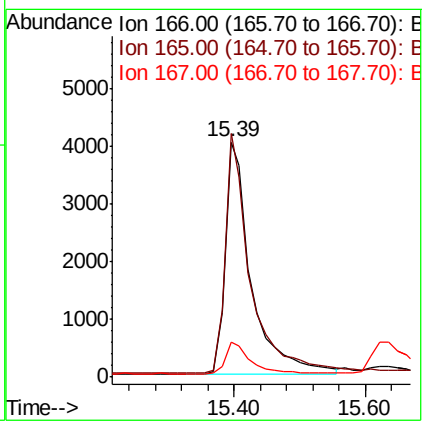


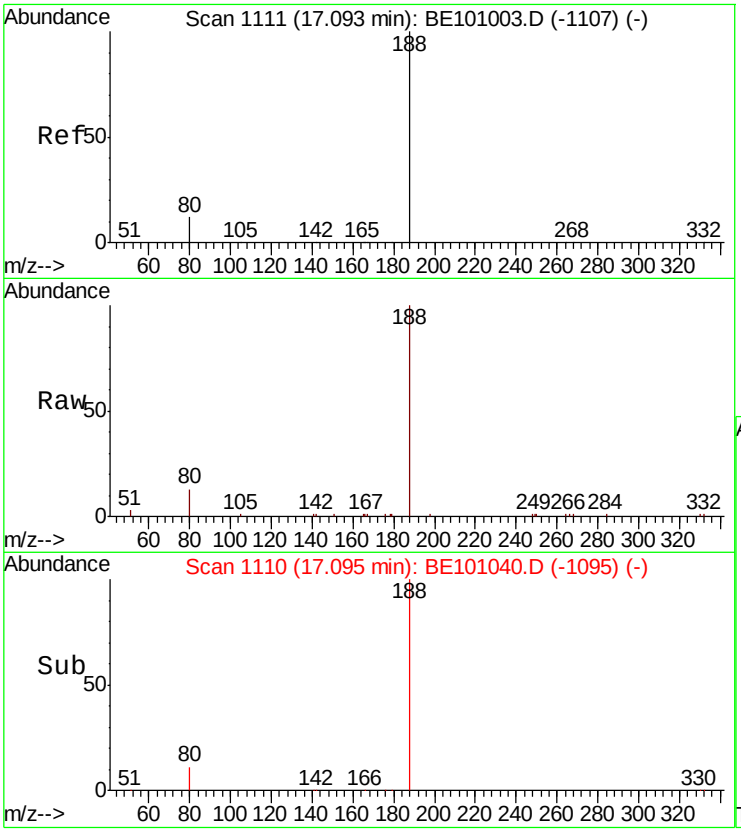


#18
Fluorene
Concen: 0.362 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:166 Resp: 11213

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.3	11.0	16.6



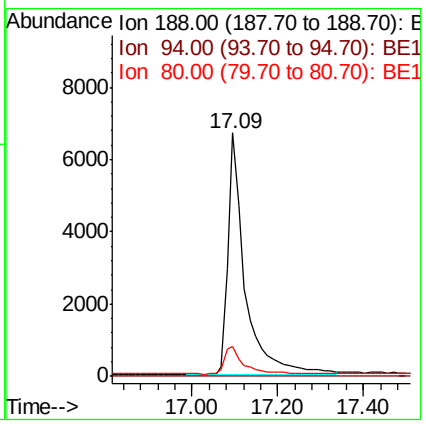


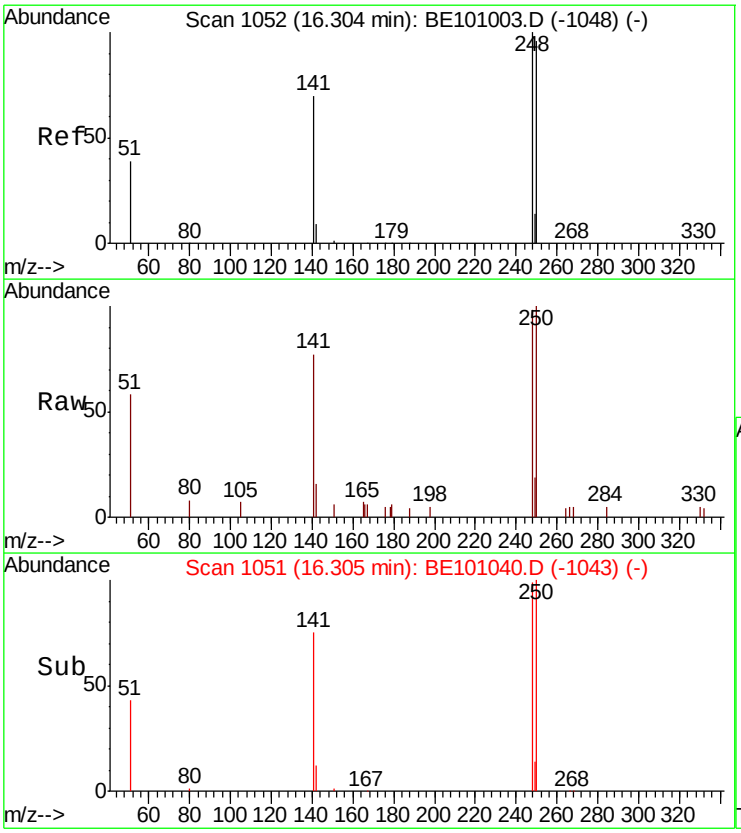
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18525

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	10.8	16.2

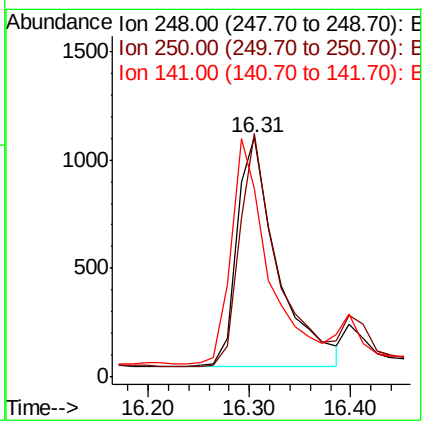


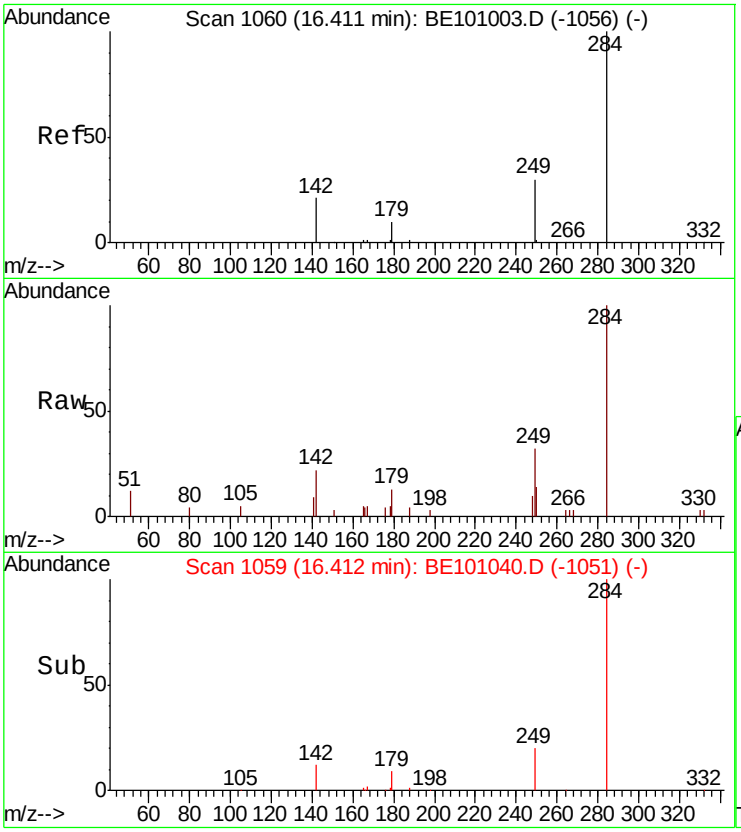


#20
4-Bromophenyl-phenylether
Concen: 0.327 ng
RT: 16.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:248 Resp: 2954

Ion	Ratio	Lower	Upper
248	100		
250	101.7	76.6	115.0
141	78.5	57.7	86.5



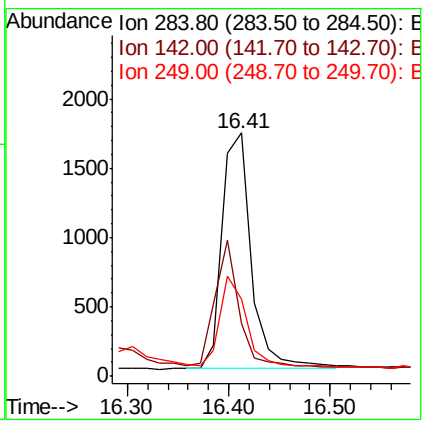


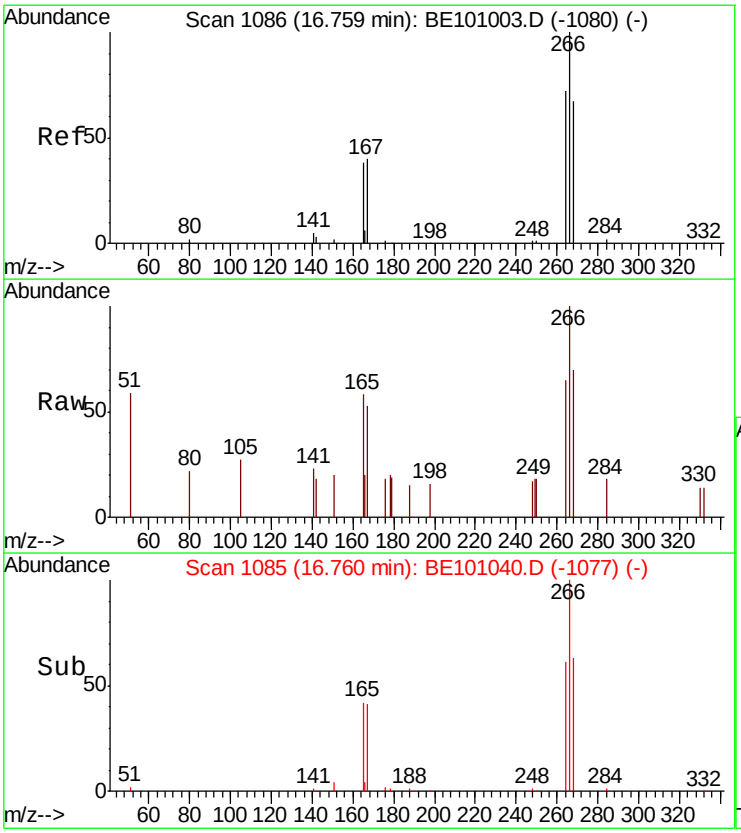
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3418

Ion	Ratio	Lower	Upper
284	100		
142	44.0	34.0	51.0
249	35.2	28.2	42.4

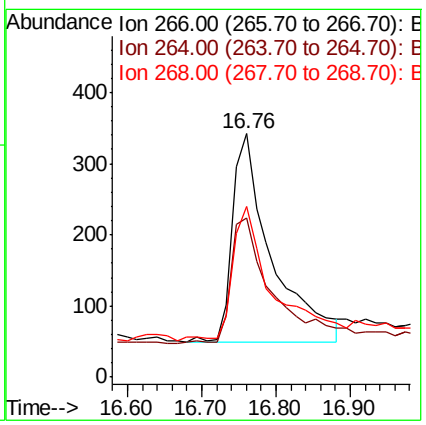


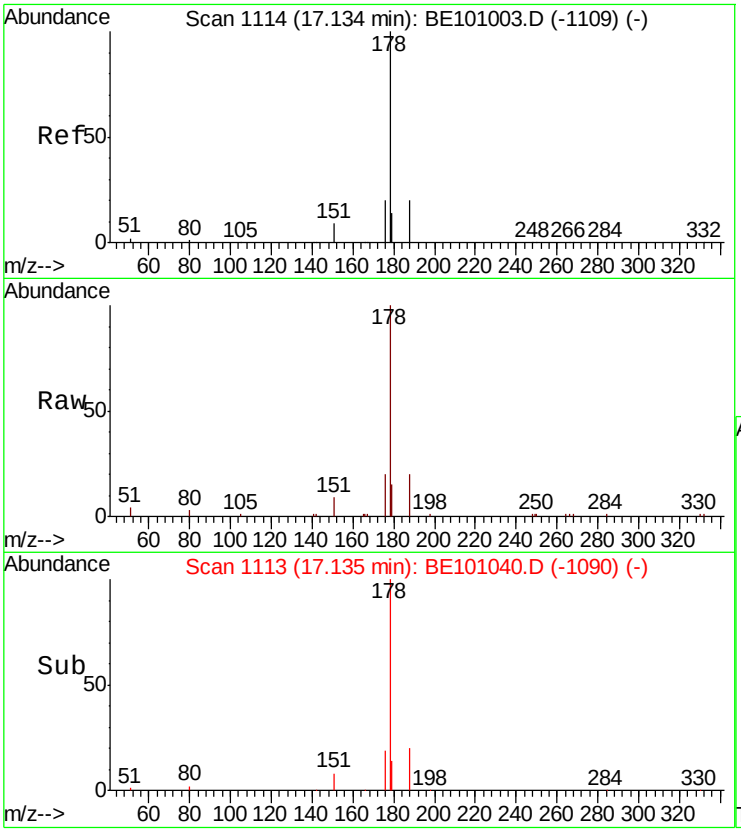


#22
Pentachlorophenol
Concen: 0.557 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:266 Resp: 1064

Ion	Ratio	Lower	Upper
266	100		
264	65.5	61.0	91.4
268	70.2	58.5	87.7



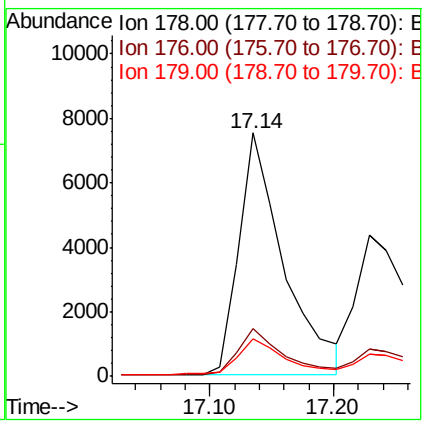


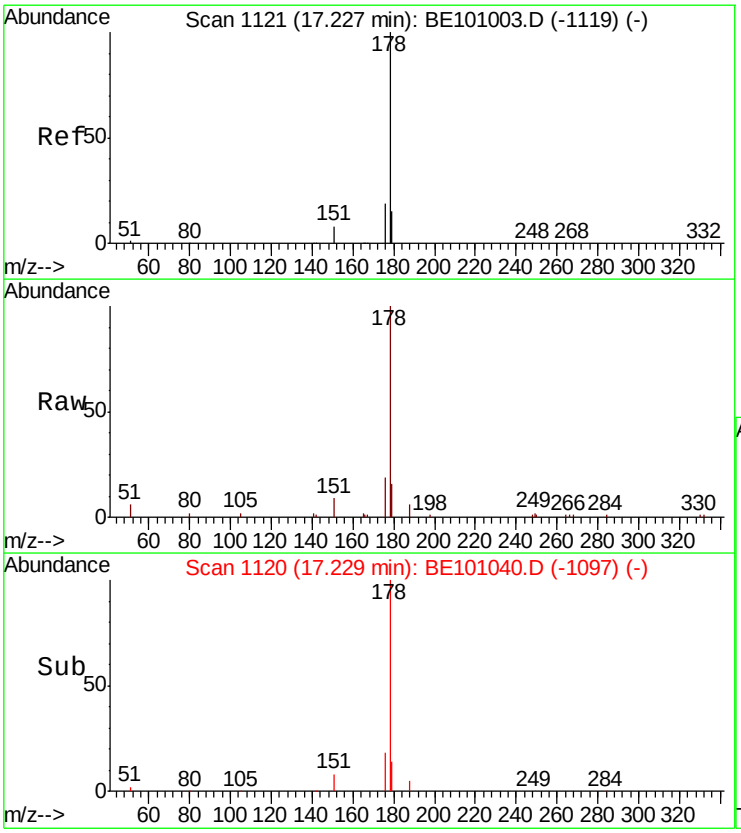
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18739

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.2	12.0	18.0

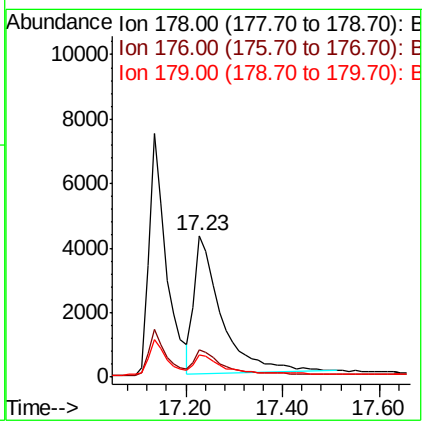


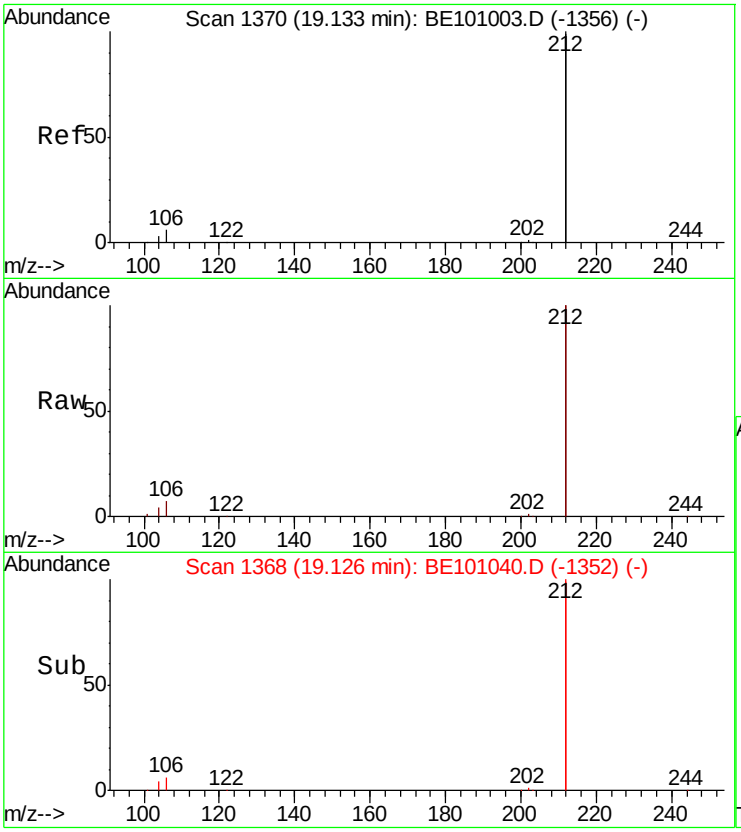


#24
Anthracene
Concen: 0.345 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:178 Resp: 16464

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	13.1	12.4	18.6



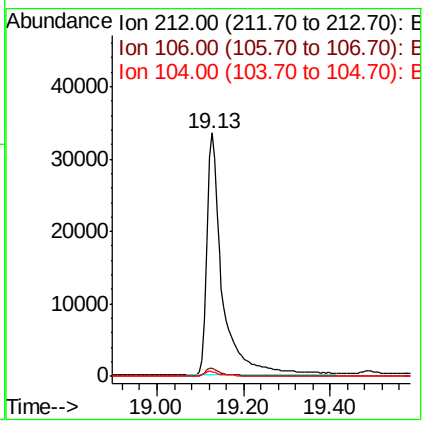


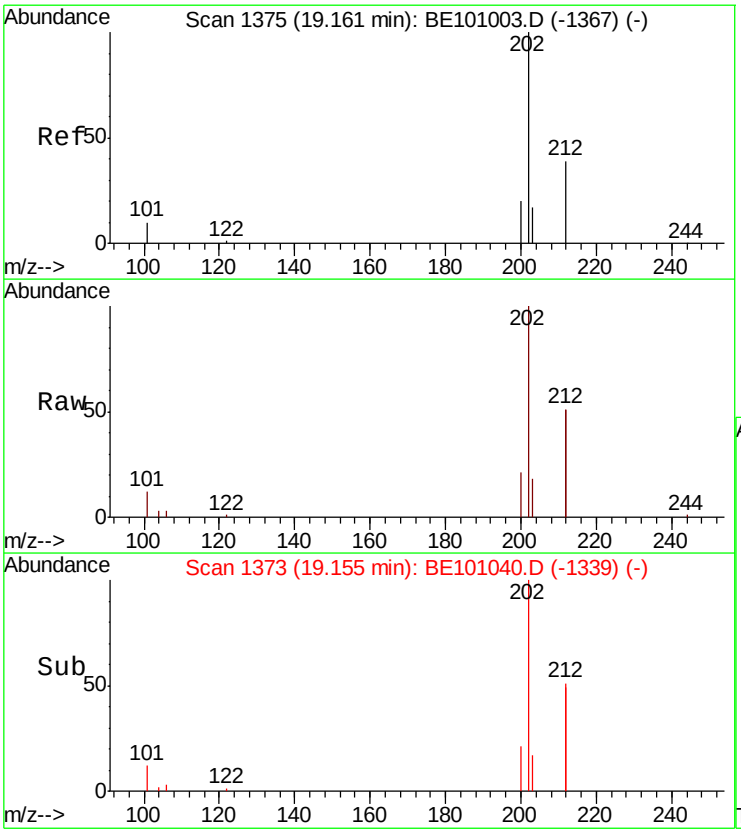
#25
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 83711

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.0

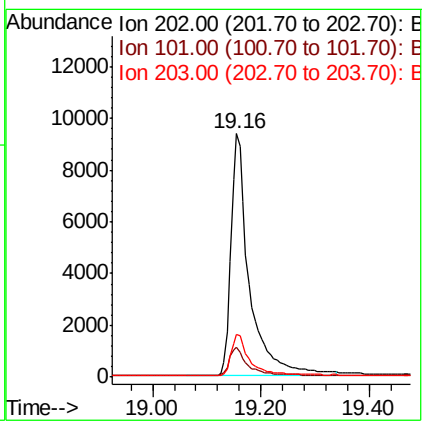


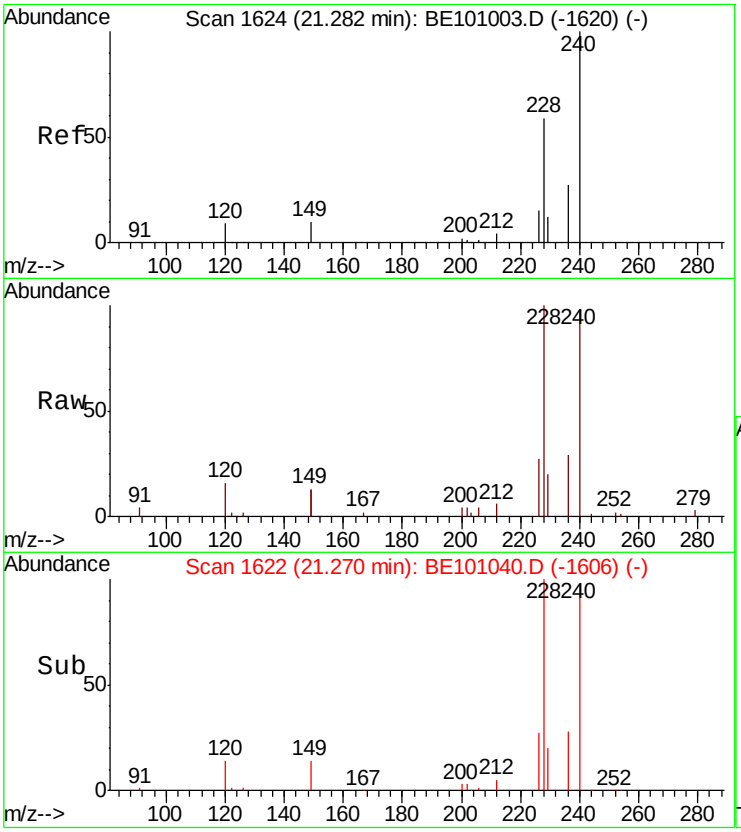


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:202 Resp: 22319

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.6	14.4
203	16.7	13.8	20.6



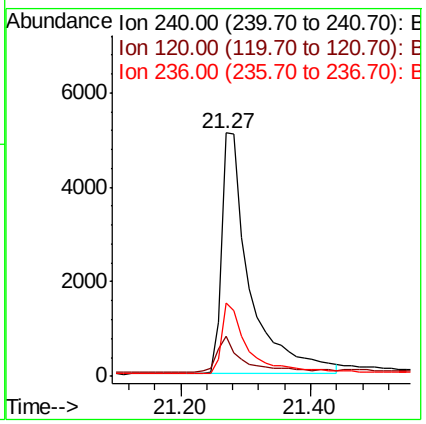


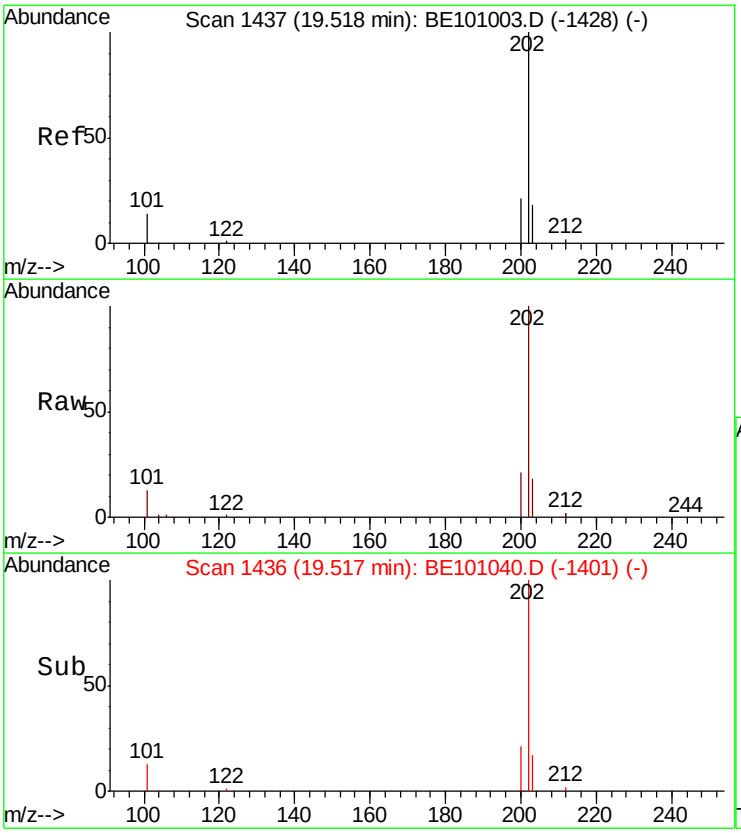
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15597

Ion	Ratio	Lower	Upper
240	100		
120	16.2	8.6	13.0#
236	29.9	22.2	33.4

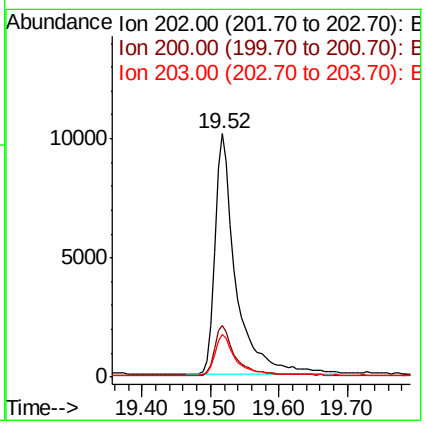


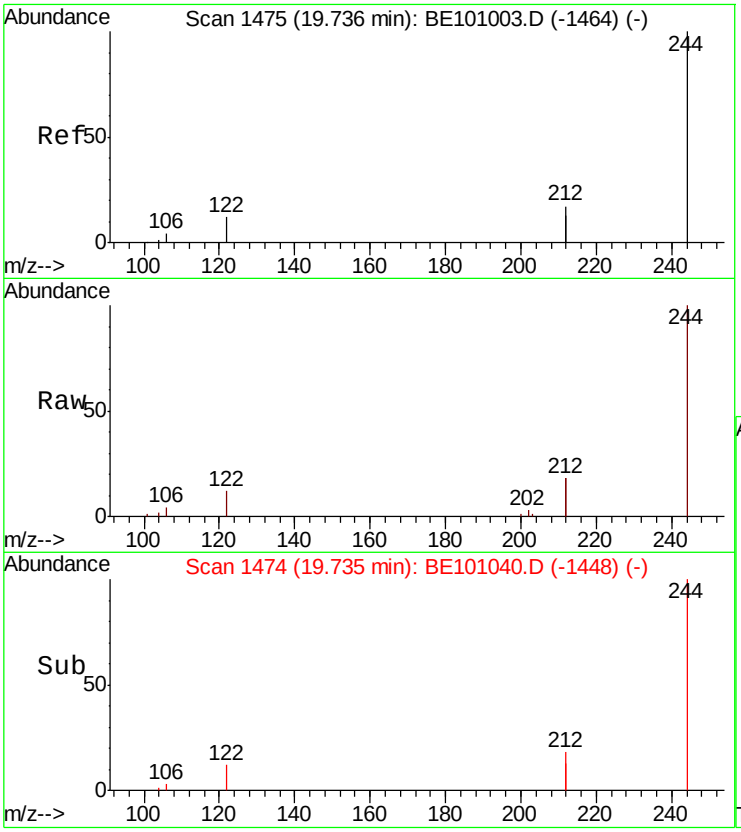


#28
Pyrene
Concen: 0.378 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:202 Resp: 21968

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.3	13.8	20.6



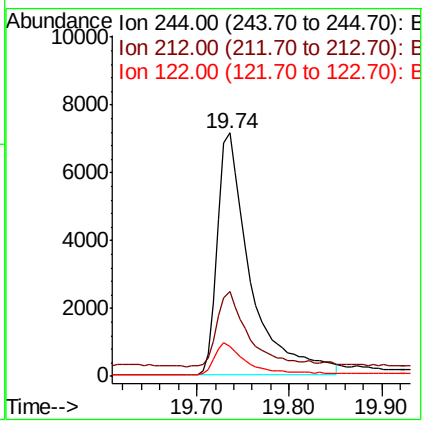


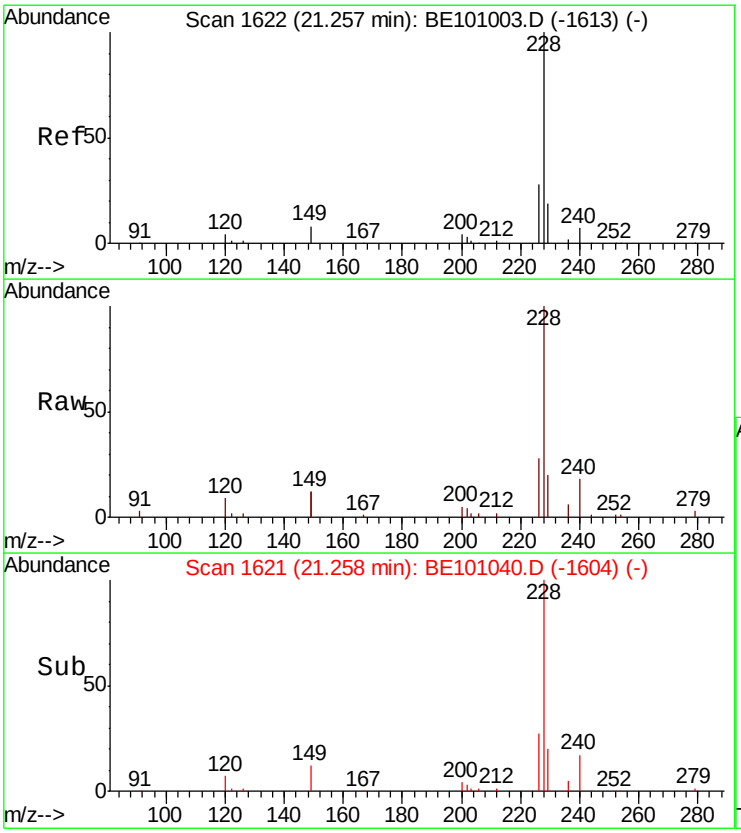
#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.74 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 17538

Ion	Ratio	Lower	Upper
244	100		
212	35.1	27.2	40.8
122	12.4	9.8	14.8

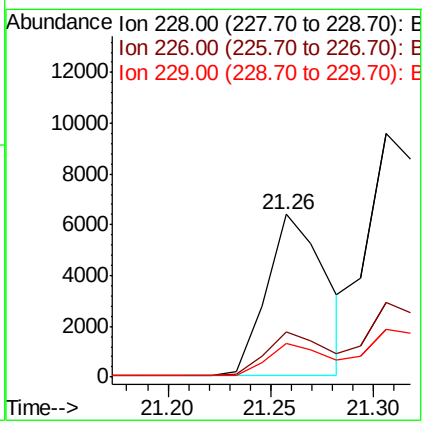


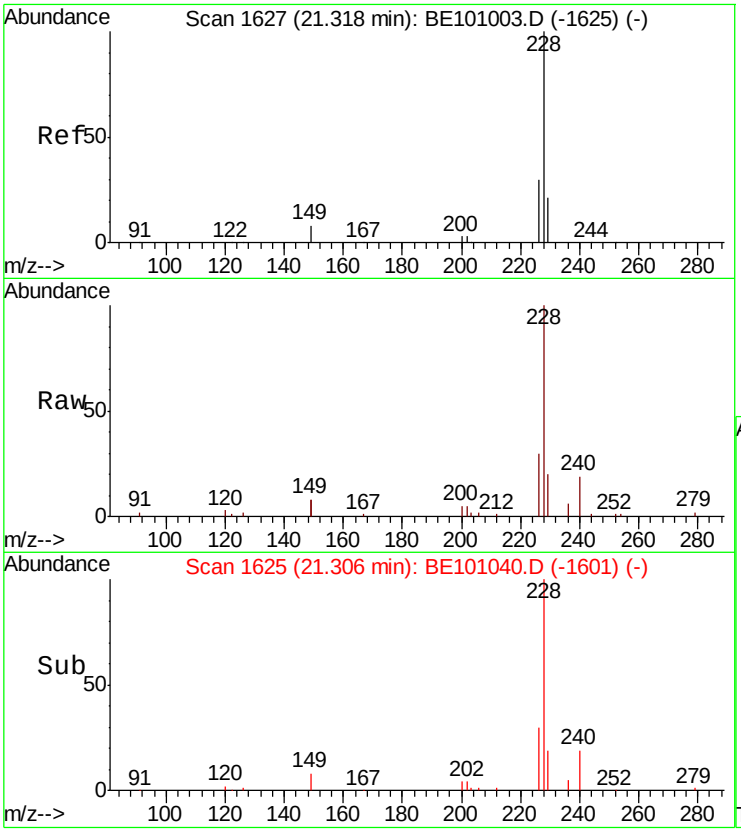


#30
Benzo(a)anthracene
Concen: 0.289 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:228 Resp: 12840

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.4	15.5	23.3



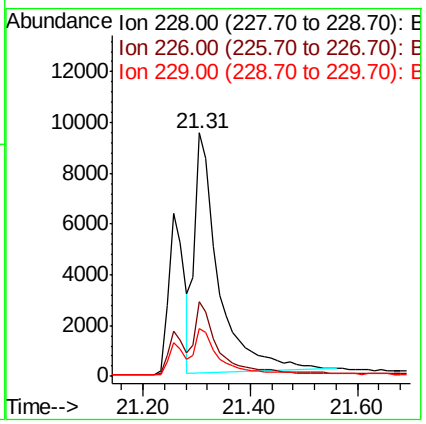


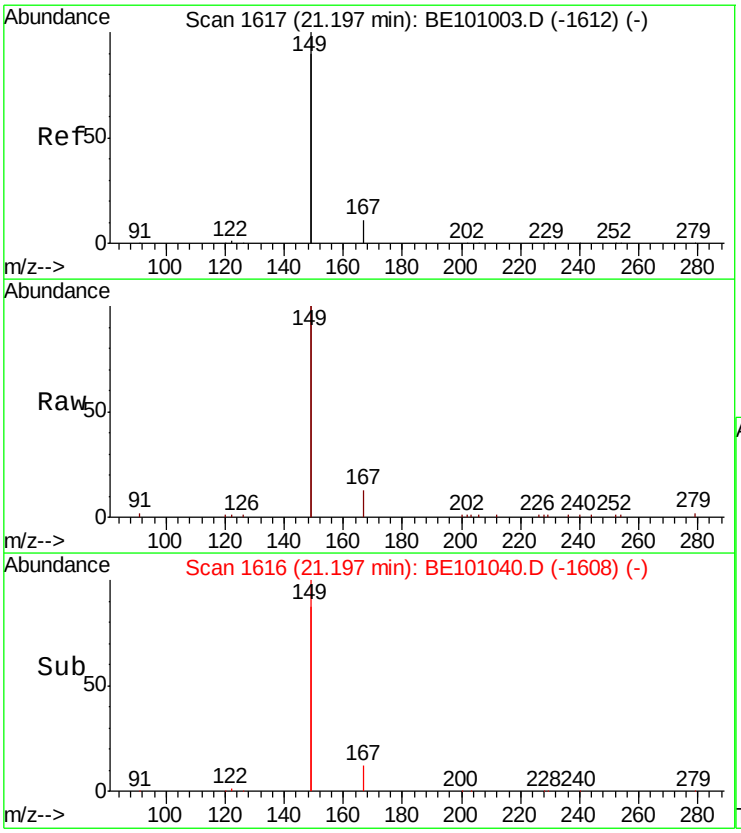
#31
Chrysene
Concen: 0.437 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 28893

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	19.6	16.7	25.1

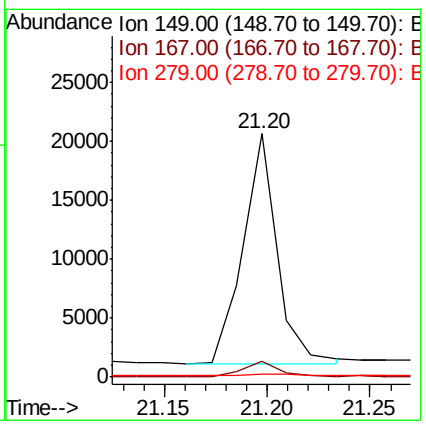


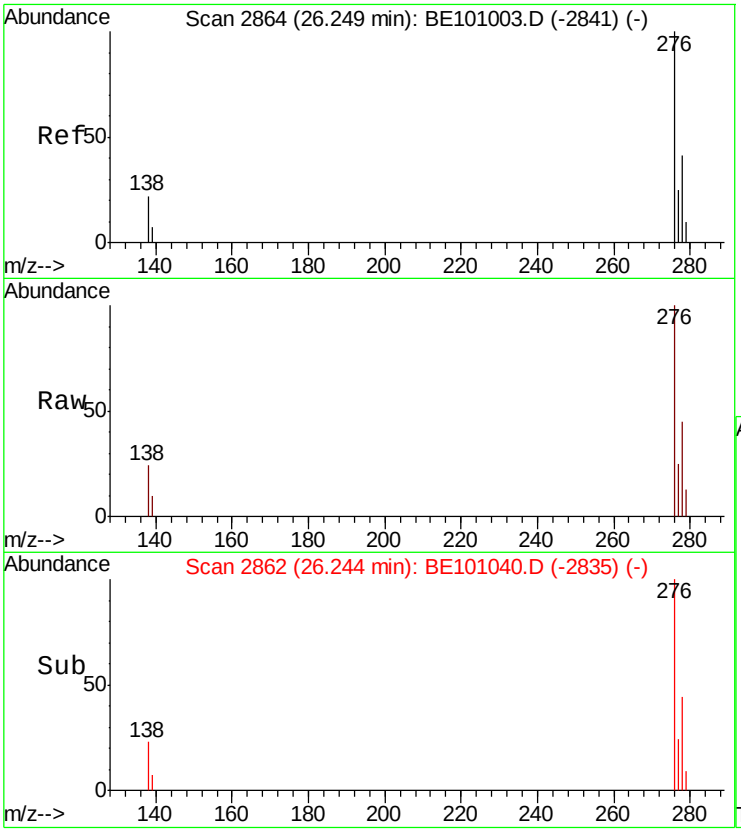


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:149 Resp: 22647

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.2	7.8
279	1.0	0.8	1.2



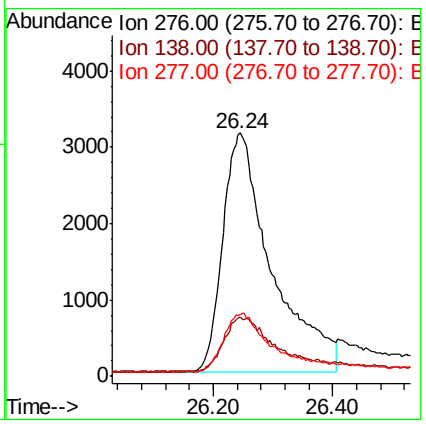


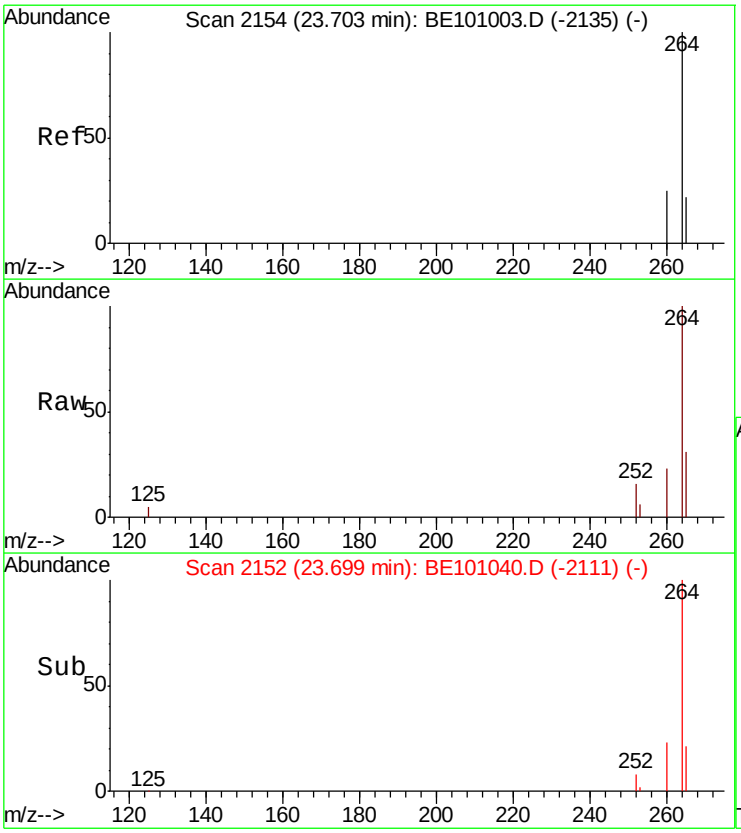
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng
RT: 26.24 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17888

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.1	24.1
277	24.2	18.1	27.1

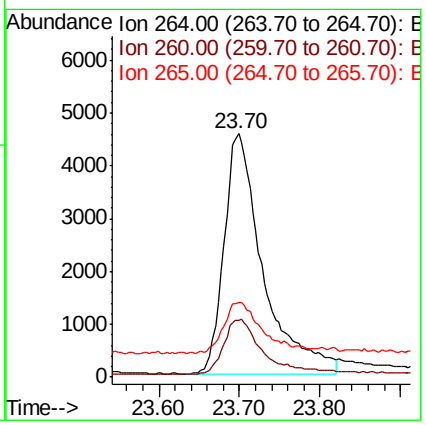


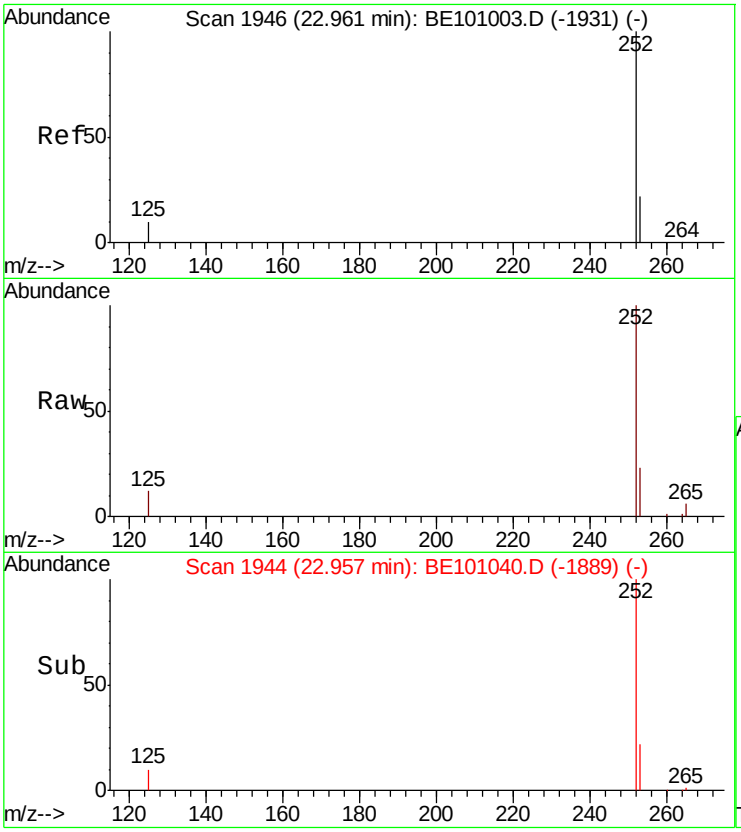


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:264 Resp: 15293

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	30.6	27.0	40.4



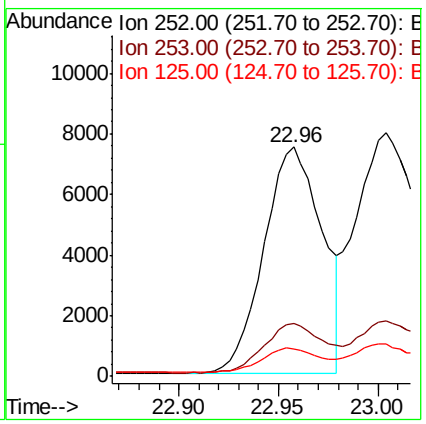


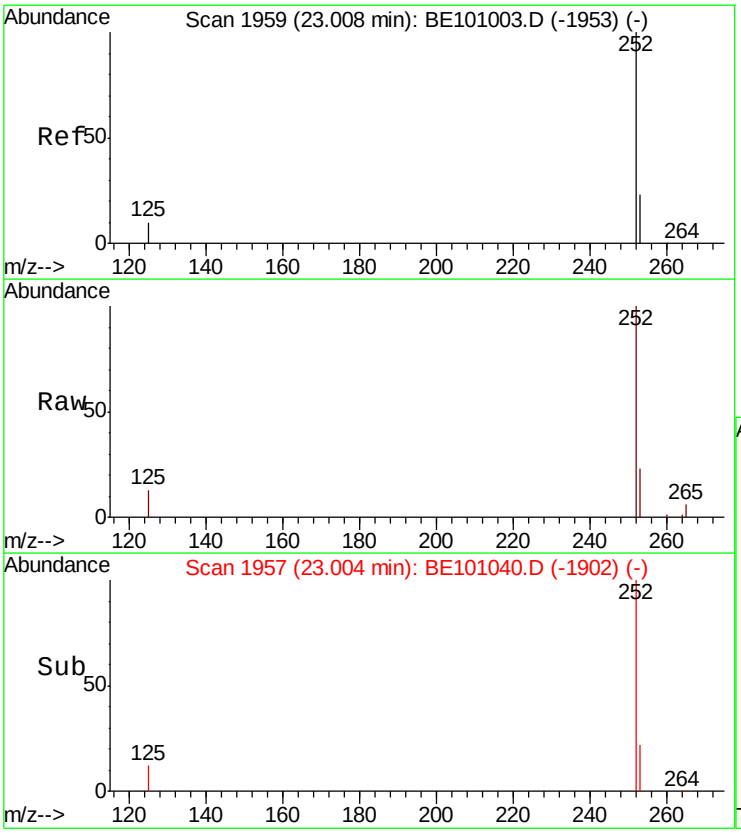
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15222

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.7	9.5	14.3

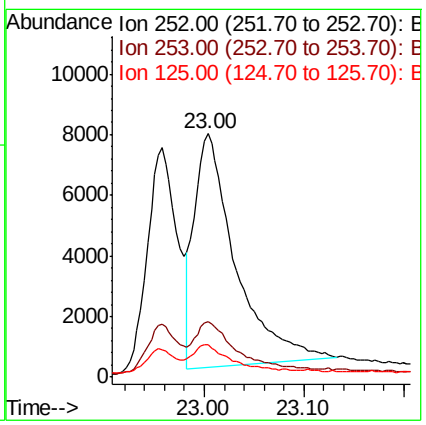


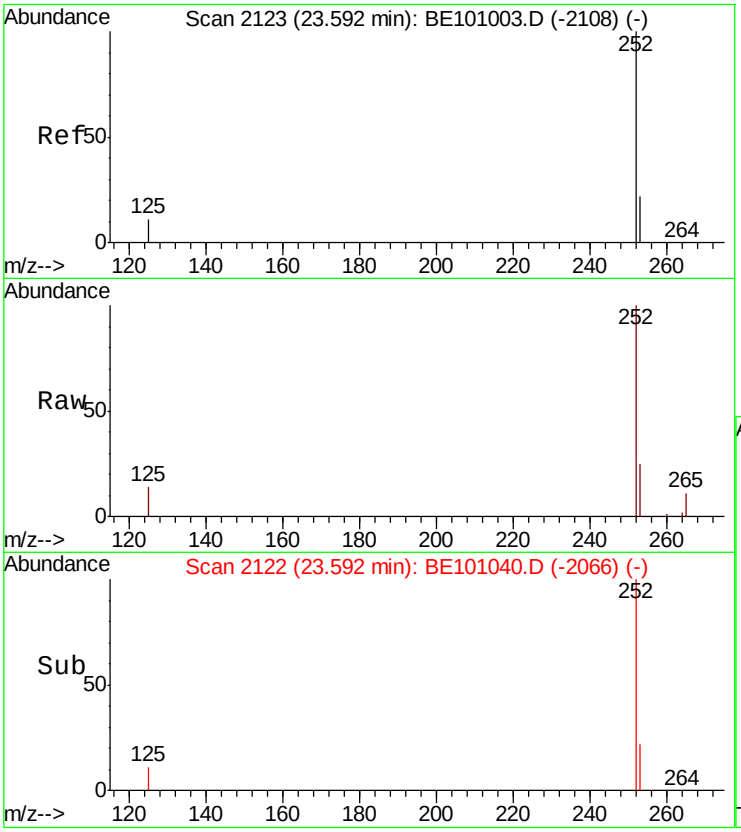


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:252 Resp: 21928

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	13.1	10.1	15.1



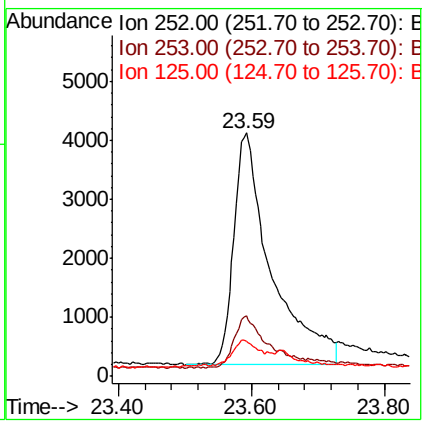


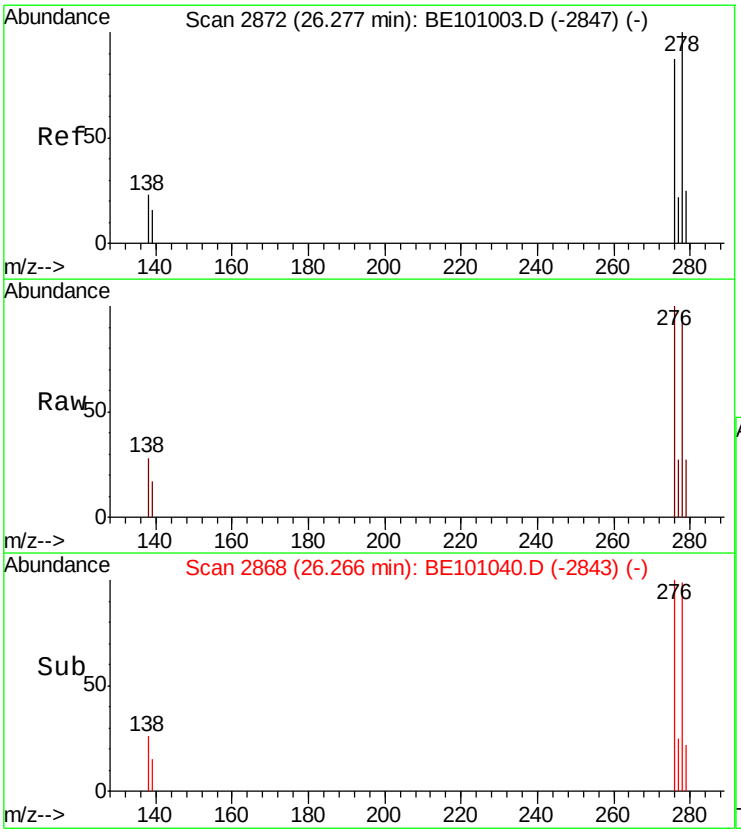
#37
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.59 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15380

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.2
125	14.3	11.8	17.6

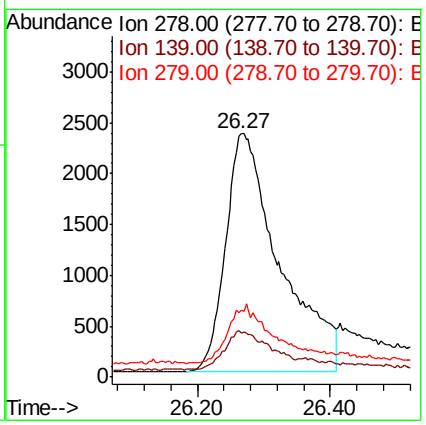


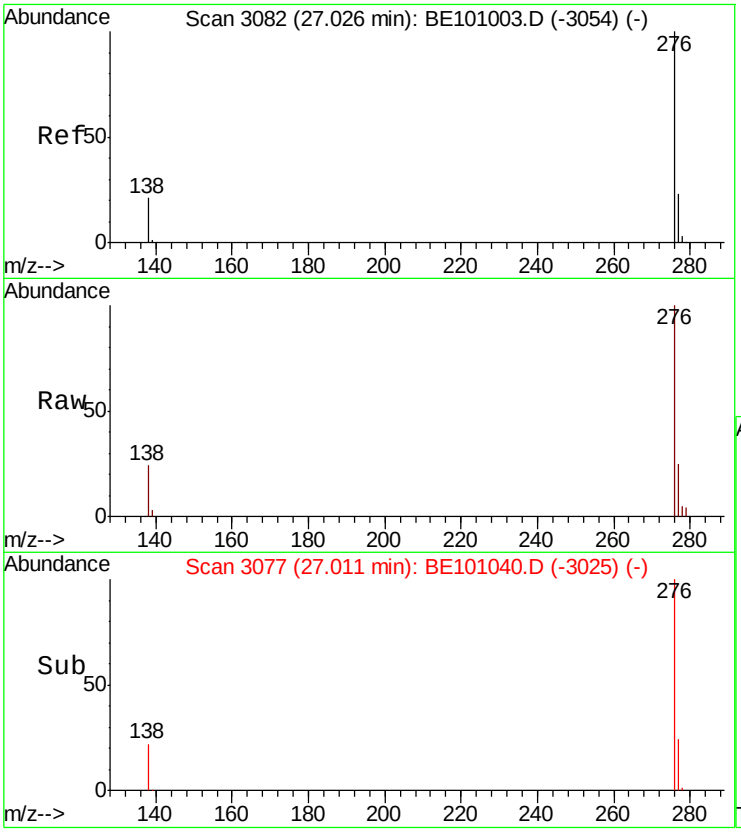


#38
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Tgt Ion:278 Resp: 13236

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.0	22.4
279	27.5	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101040.D
Acq: 13 Jan 2020 16:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18971

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	23.6	17.9	26.9