Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011720\

Quantitation Report (Not Reviewed)

Data File : BE101087.D
Acq On : 17 Jan 2020 16:31
Operator : JU
Sample : PB126161BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126161BS

Quant Time: Jan 17 23:20:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1343	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	6217	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	4789	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	14183	0.40	ng		0.00
27) Chrysene-d12	21.27	240	21490	0.40	ng		-0.01
34) Perylene-d12	23.69	264	21234	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1339	0.44	ng		-0.01
5) Phenol-d6	6.91	99	1322	0.35	ng		-0.01
8) Nitrobenzene-d5	8.87	82	1435	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	4905	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	488	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	6278	0.35	ng		-0.01
25) Fluoranthene-d10	19.12	212	91272	0.46	ng		-0.01
29) Terphenyl-d14	19.73	244	16777	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1206	0.360	ng		95
3) n-Nitrosodimethylamine	3.60	42	673	0.361	ng	#	80
6) bis(2-Chloroethyl)ether	7.16	93	1519	0.334	ng		95
9) Naphthalene	10.55	128	27128	0.393	ng	#	99
10) Hexachlorobutadiene	10.84	225	1229	0.420	ng		98
12) 2-Methylnaphthalene	12.18	142	4044	0.387	ng		98
16) Acenaphthylene	14.08	152	7001	0.359	ng		100
17) Acenaphthene	14.41	154	5113	0.366	ng		100
18) Fluorene	15.39	166	7085	0.401	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	2202	0.318	ng	#	89
21) Hexachlorobenzene	16.40	284	2677	0.353	ng		98
22) Pentachlorophenol	16.76	266	231	0.337	ng		92
23) Phenanthrene	17.13	178	14093	0.364	ng		98
24) Anthracene	17.23	178	13609	0.372	ng		97
26) Fluoranthene	19.15	202	22623	0.466	ng		99
28) Pyrene	19.51	202	23859	0.298	ng		99
30) Benzo(a)anthracene	21.26	228	23366	0.381	ng		98
31) Chrysene	21.31	228	36409	0.399	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	38830	0.380	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	22085	0.307	ng		97
35) Benzo(b)fluoranthene	22.95	252	22767	0.382	ng		99
36) Benzo(k)fluoranthene	23.00	252	31405	0.364	ng		98
37) Benzo(a)pyrene	23.58	252	22100	0.384	ng		98
38) Dibenzo(a,h)anthracene	26.26	278	16548	0.312	ng		97
39) Benzo(g,h,i)perylene	27.00	276	19430	0.298	ng		99

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

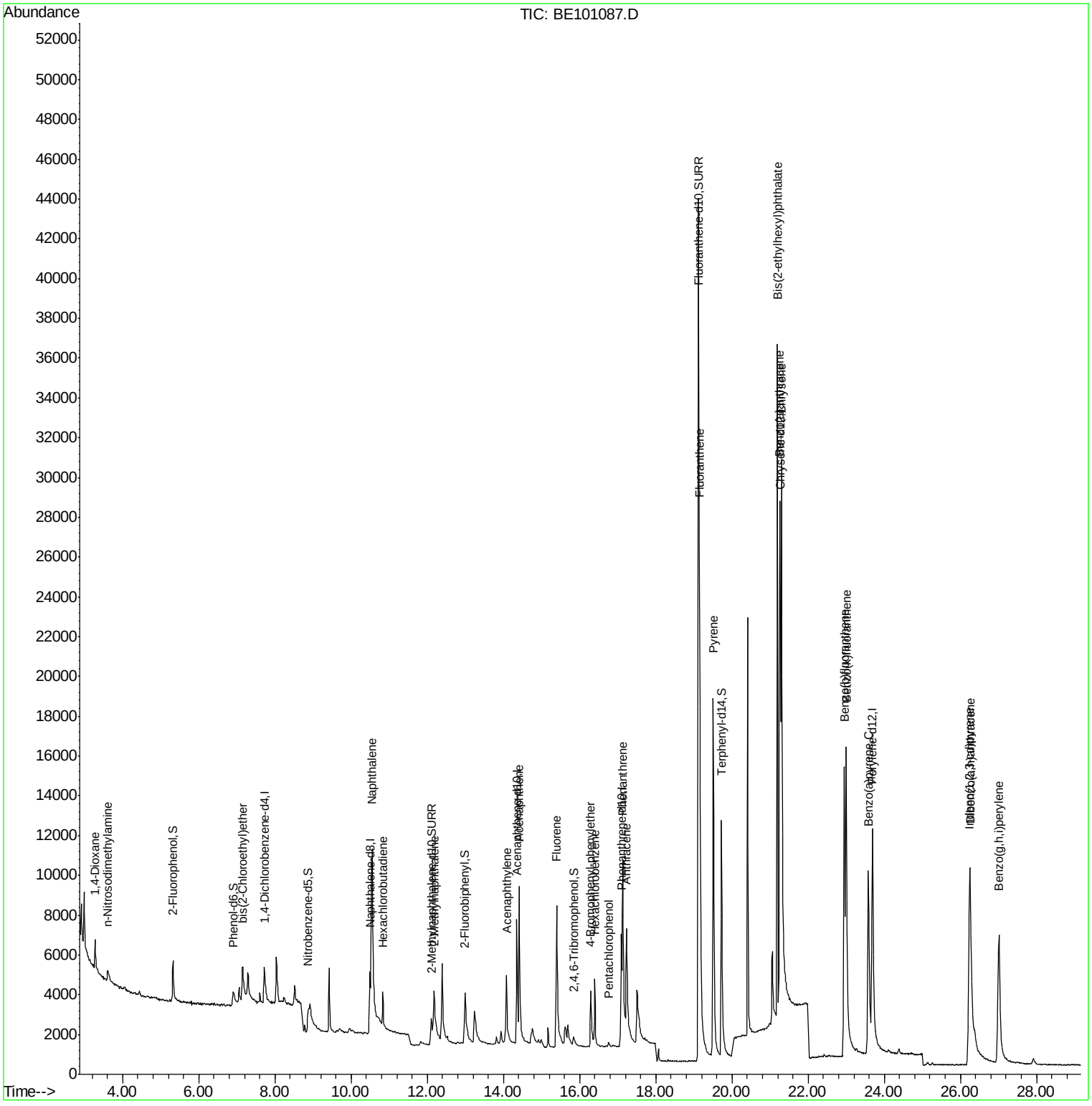
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011720\

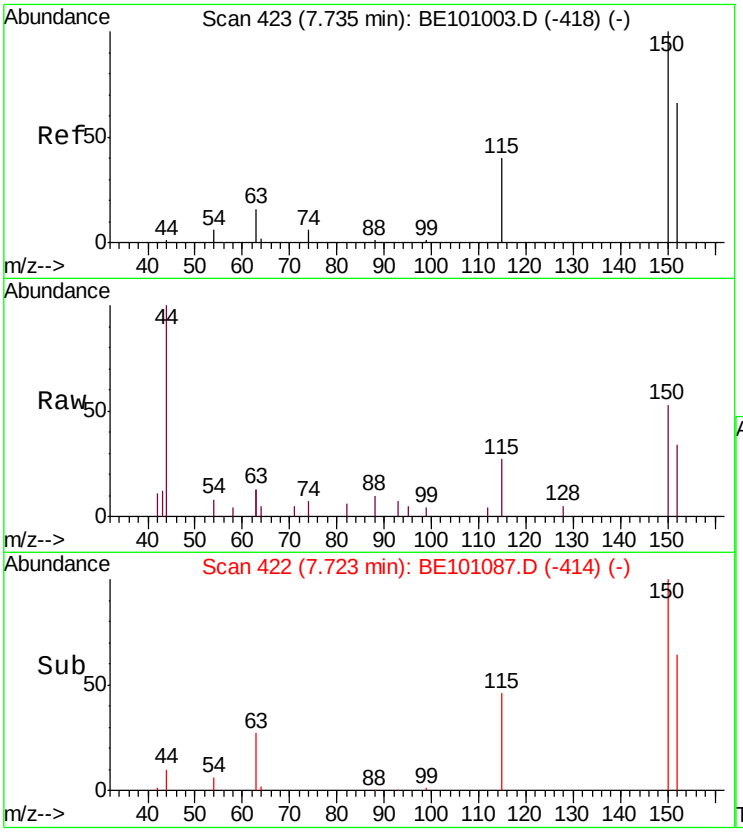
Quantitation Report (Not Reviewed)

Data File : BE101087.D
Acq On : 17 Jan 2020 16:31
Operator : JU
Sample : PB126161BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB126161BS

Quant Time: Jan 17 23:20:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



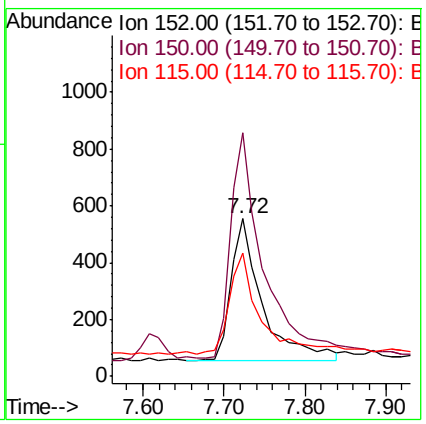


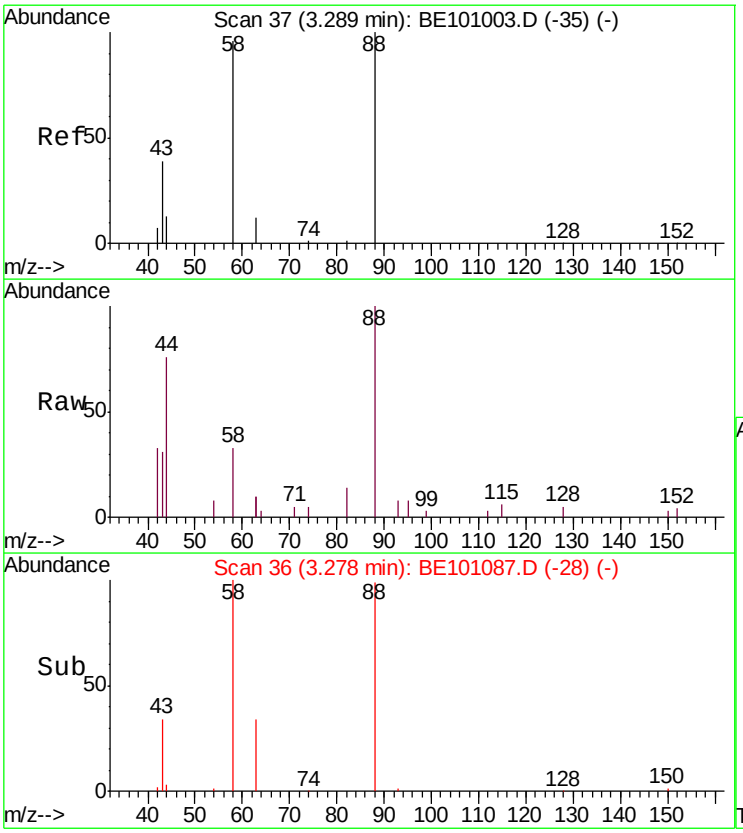
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:152 Resp: 1343

Ion	Ratio	Lower	Upper
152	100		
150	154.4	120.3	180.5
115	78.0	51.7	77.5#

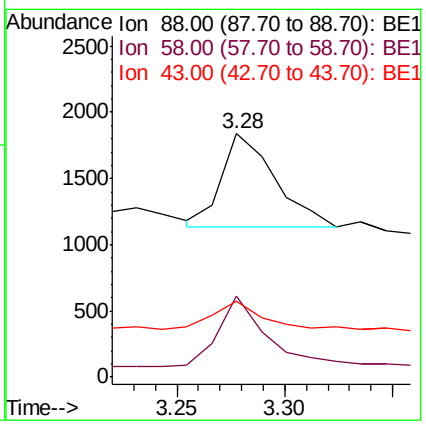


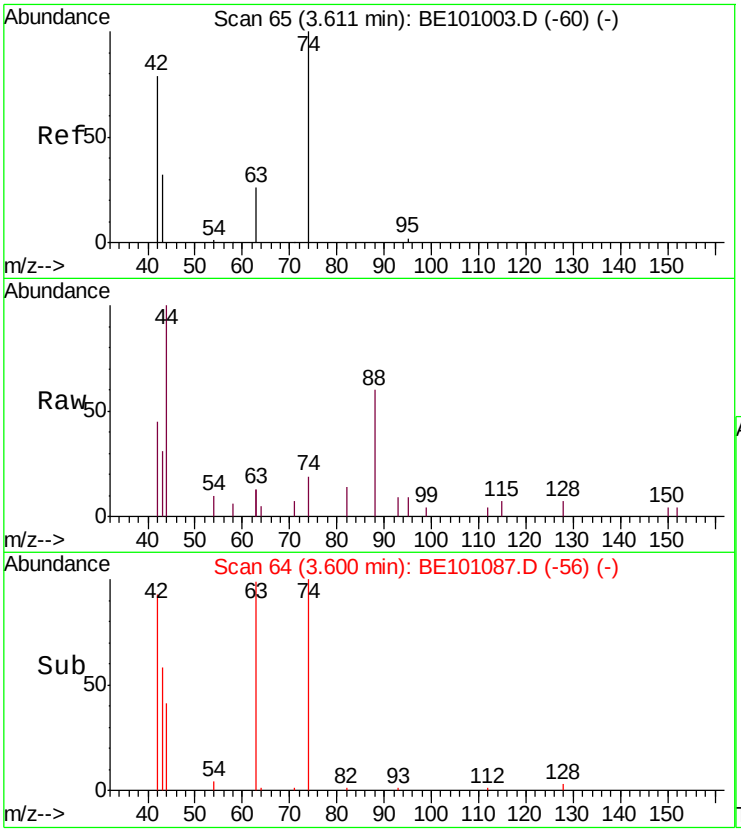


#2
1,4-Dioxane
Concen: 0.360 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion: 88 Resp: 1206

Ion	Ratio	Lower	Upper
88	100		
58	70.4	53.0	79.4
43	27.5	23.4	35.2



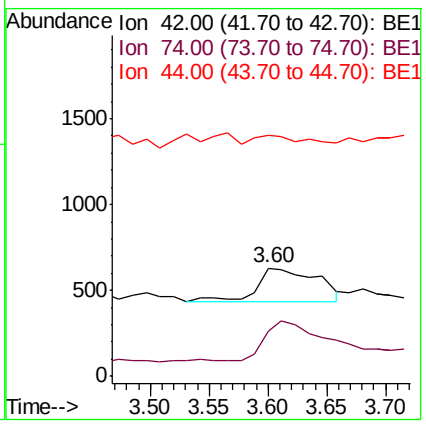


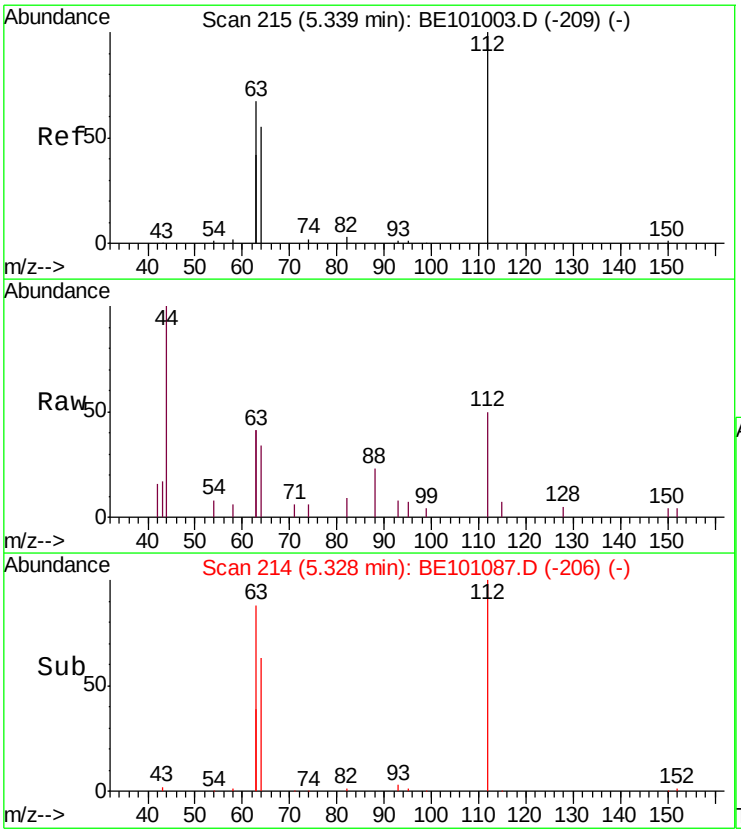
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion: 42 Resp: 673

Ion	Ratio	Lower	Upper
42	100		
74	109.2	105.7	158.5
44	20.5	10.0	15.0#

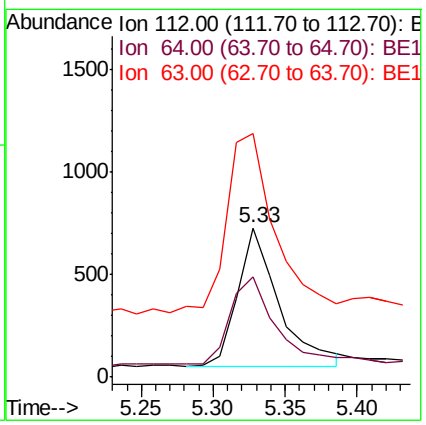


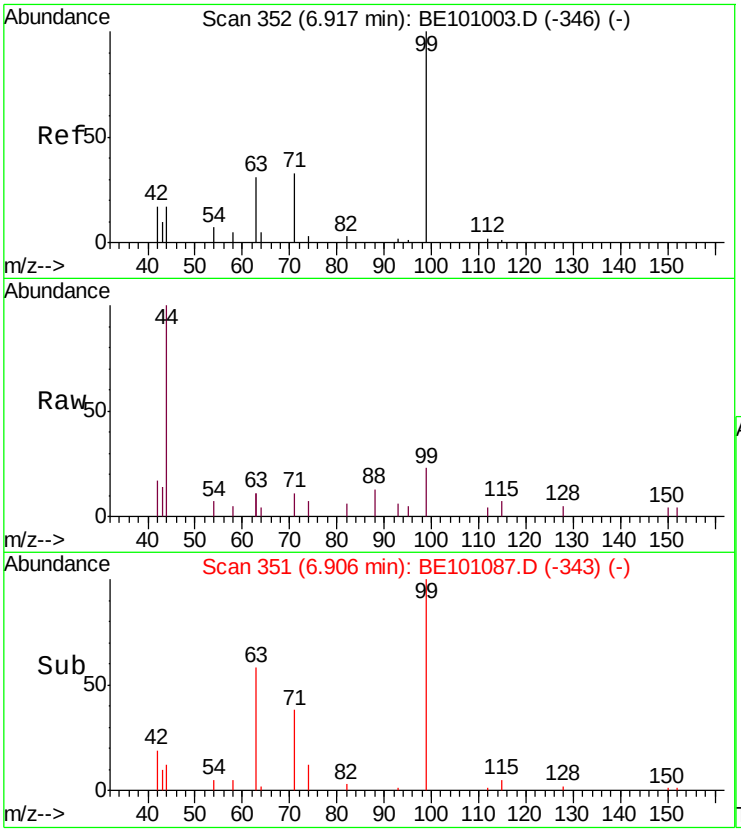


#4
2-Fluorophenol
Concen: 0.443 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:112 Resp: 1339

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.6	80.4
63	152.7	114.6	172.0



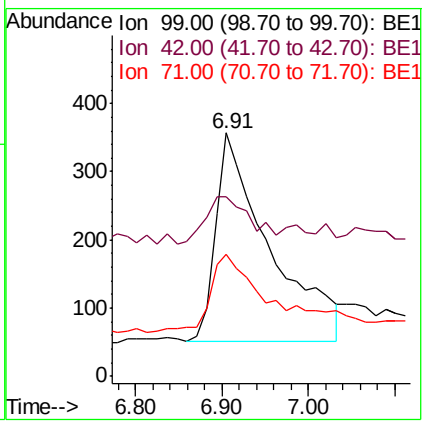


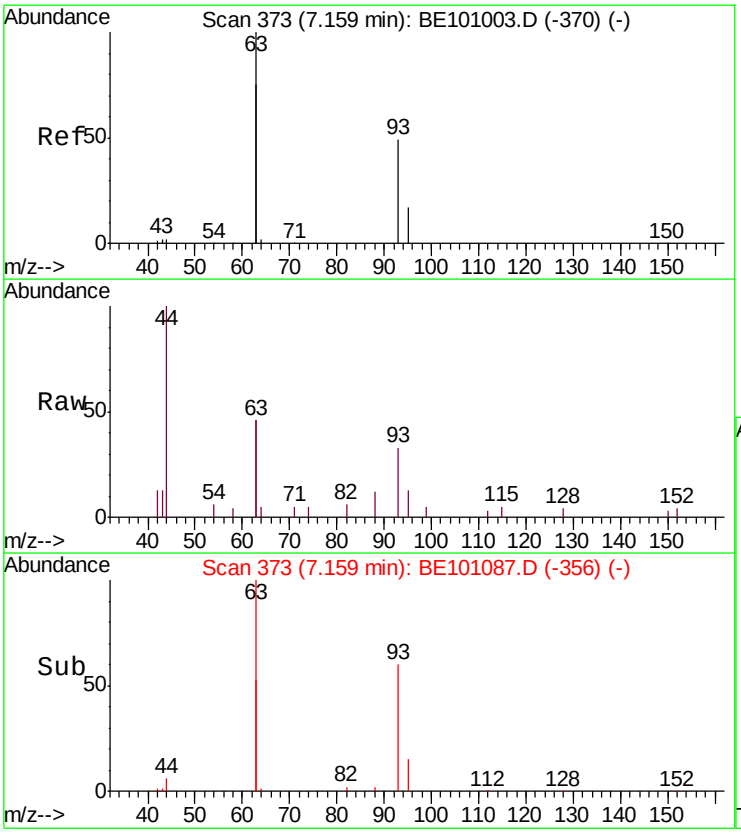
#5
Phenol-d6
Concen: 0.346 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion: 99 Resp: 1322

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.3	27.5
71	38.4	28.0	42.0

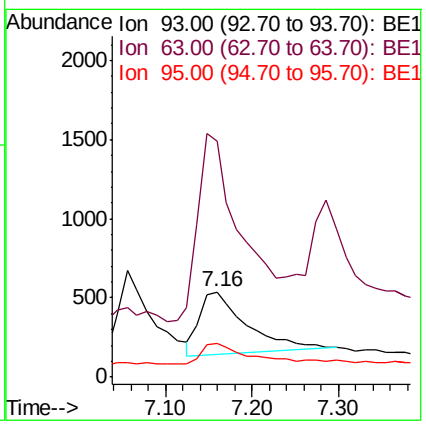


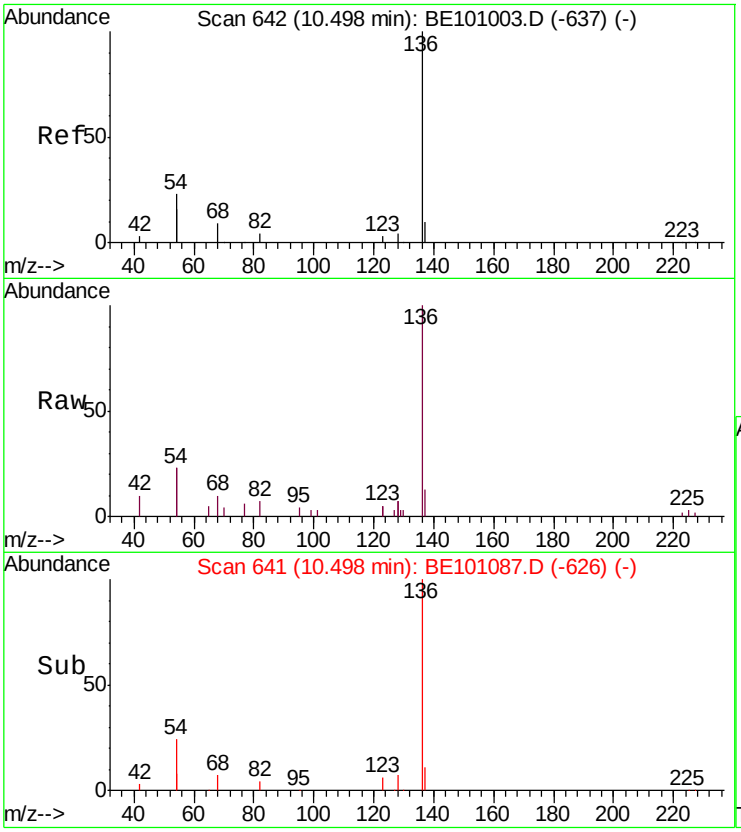


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion: 93 Resp: 1519

Ion	Ratio	Lower	Upper
93	100		
63	283.1	233.9	350.9
95	31.6	23.5	35.3



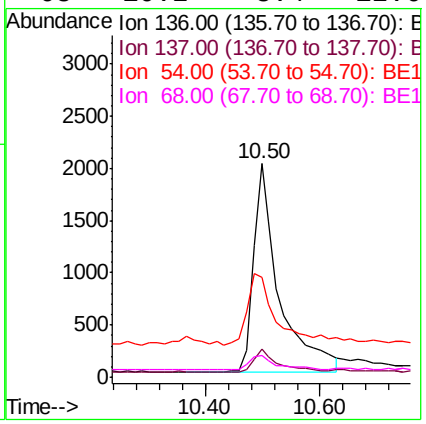


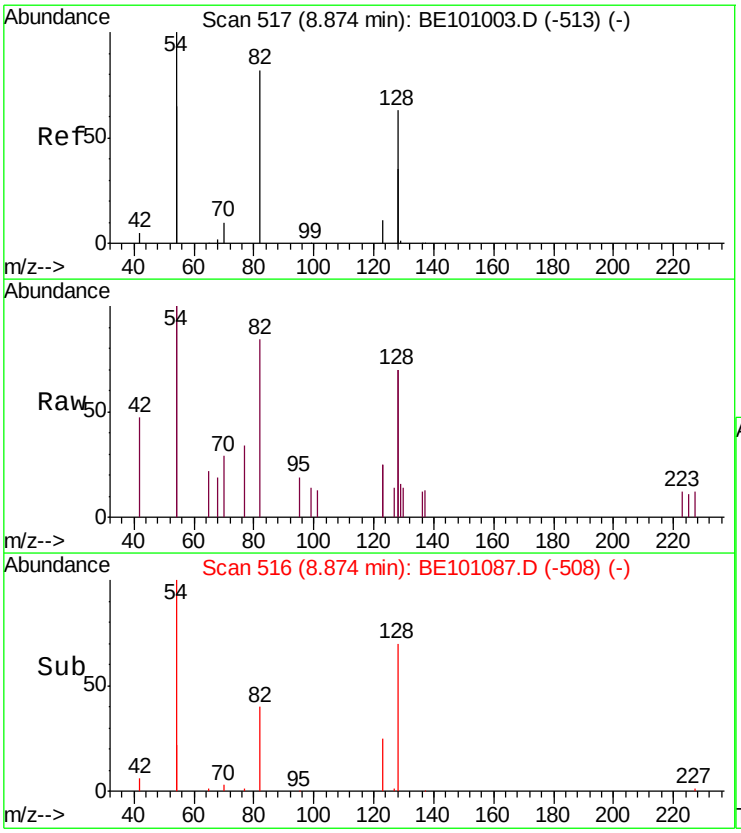
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:136 Resp: 6217

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.3	13.9
54	46.7	36.8	55.2
68	10.2	8.4	12.6

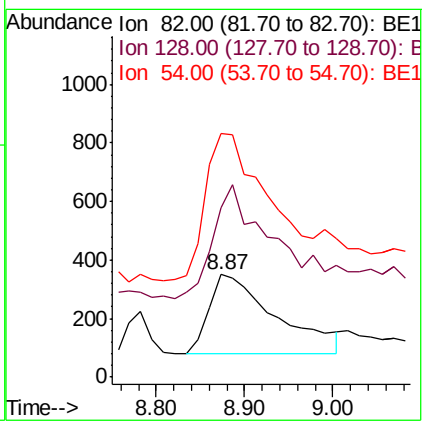


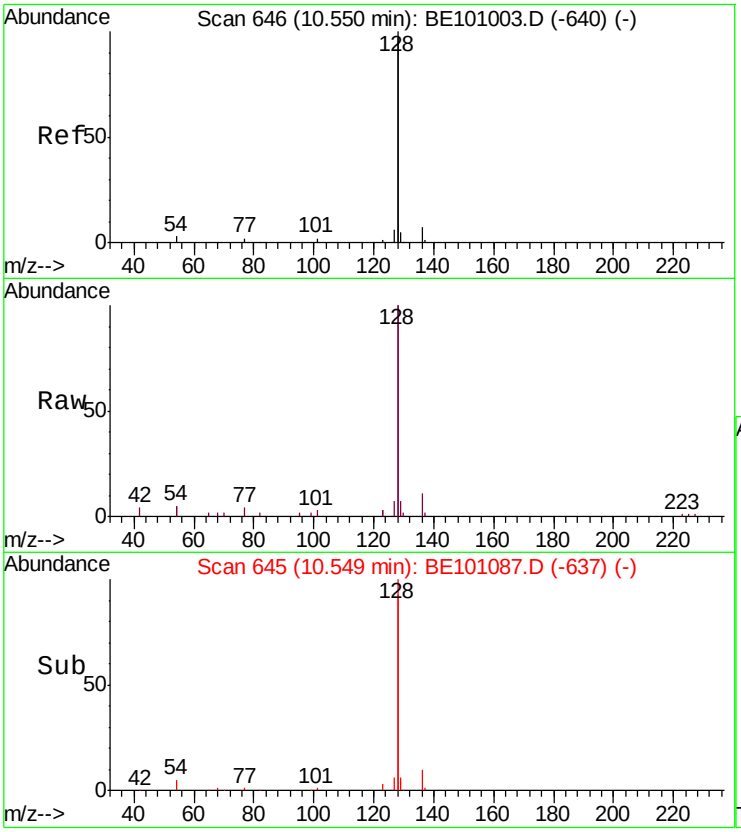


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion: 82 Resp: 1435

Ion	Ratio	Lower	Upper
82	100		
128	165.7	109.8	164.6#
54	237.7	174.5	261.7



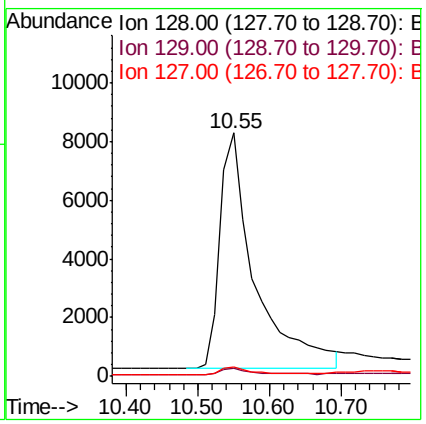


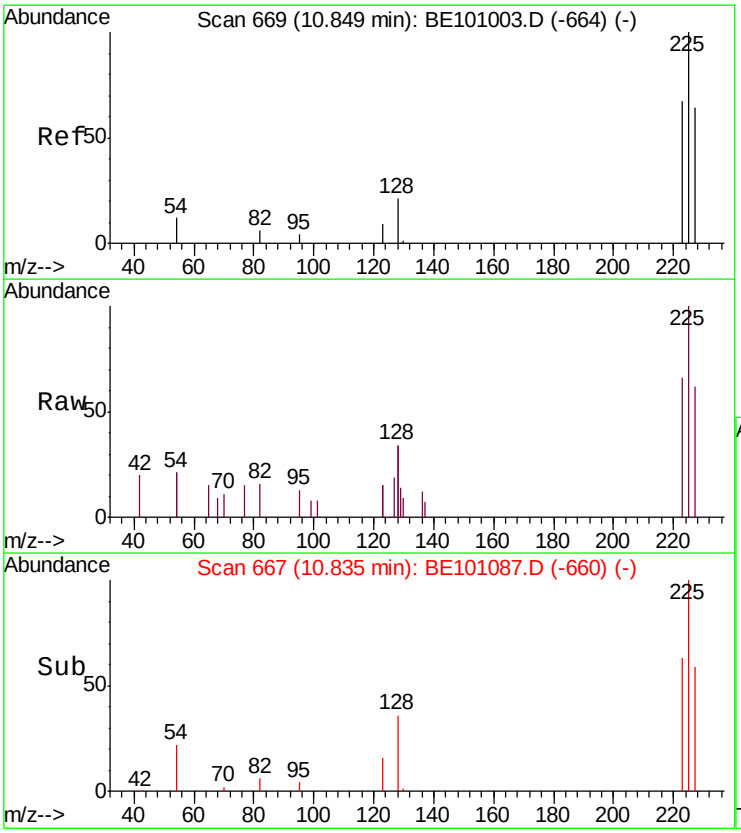
#9
Naphthalene
Concen: 0.393 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:128 Resp: 27128

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.3	3.5#
127	3.7	2.7	4.1

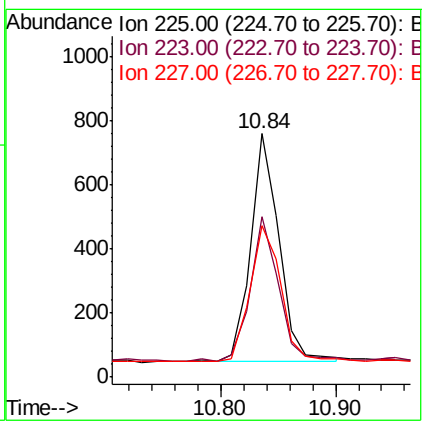


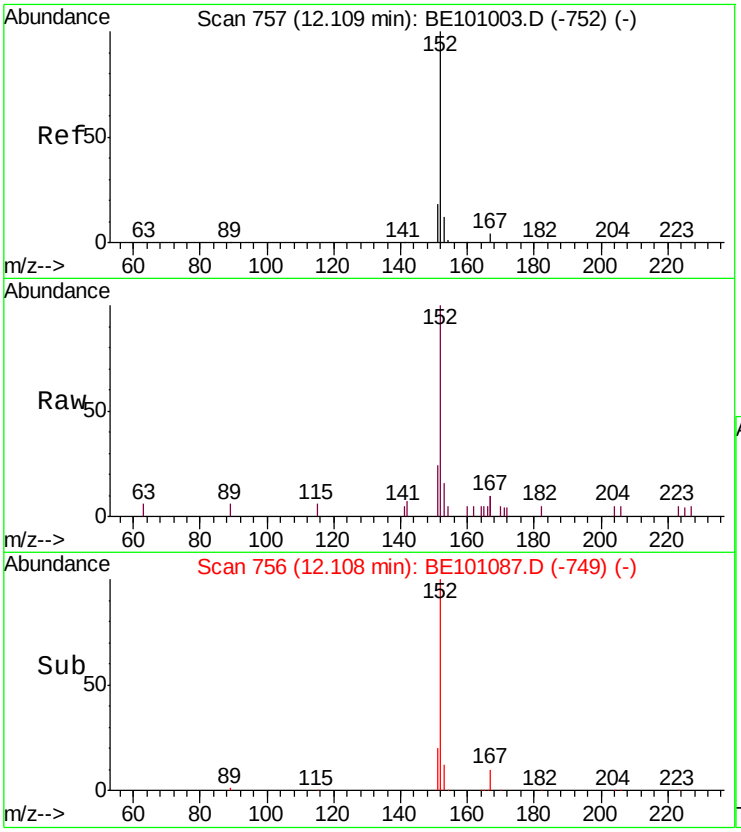


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.84 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:225 Resp: 1229

Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	64.2	49.9	74.9



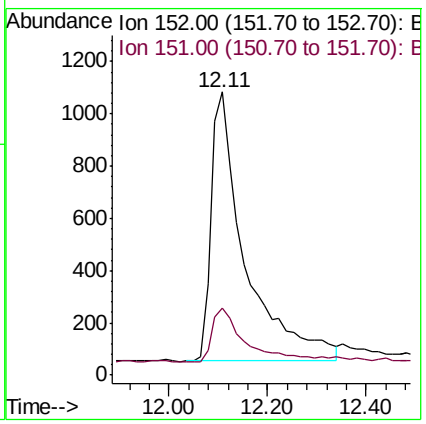


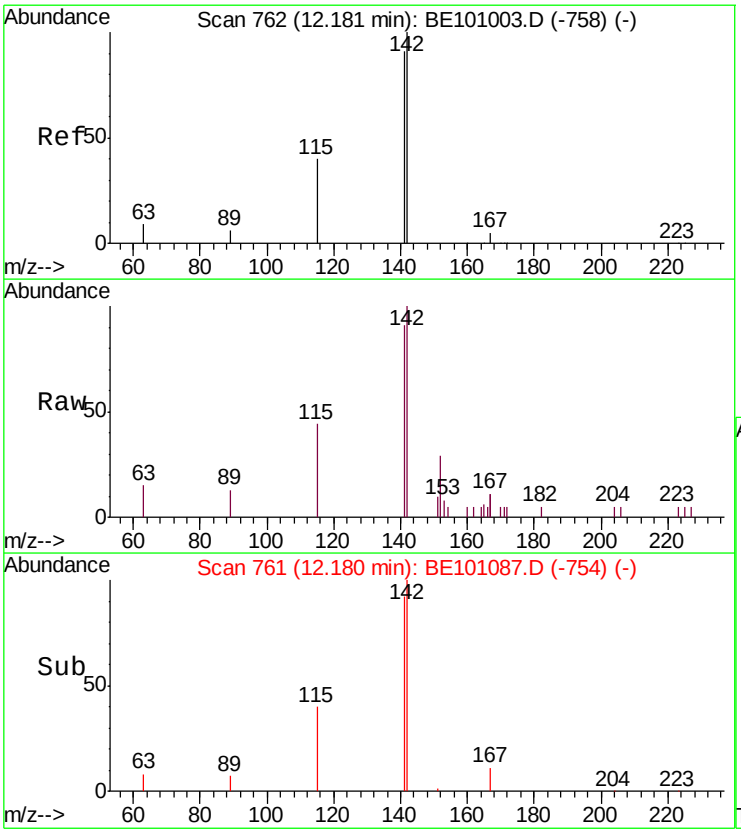
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:152 Resp: 4905

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

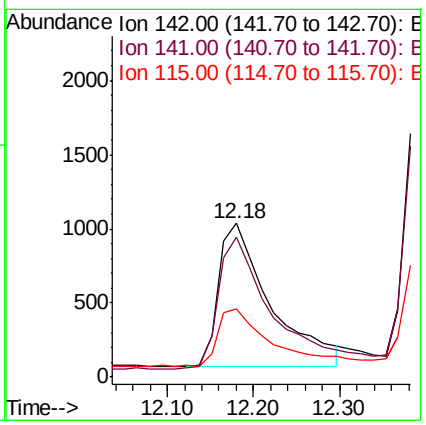


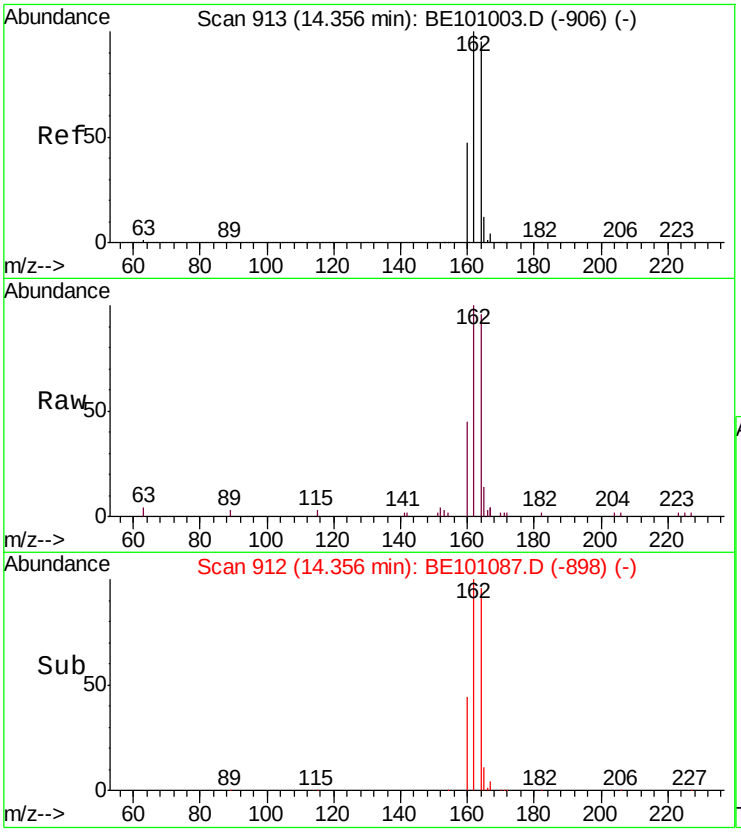


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:142 Resp: 4044

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.5	108.7
115	44.4	33.0	49.6



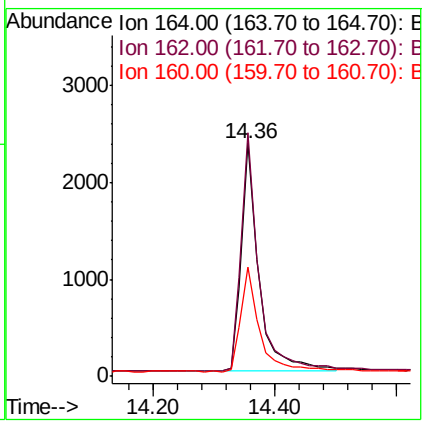


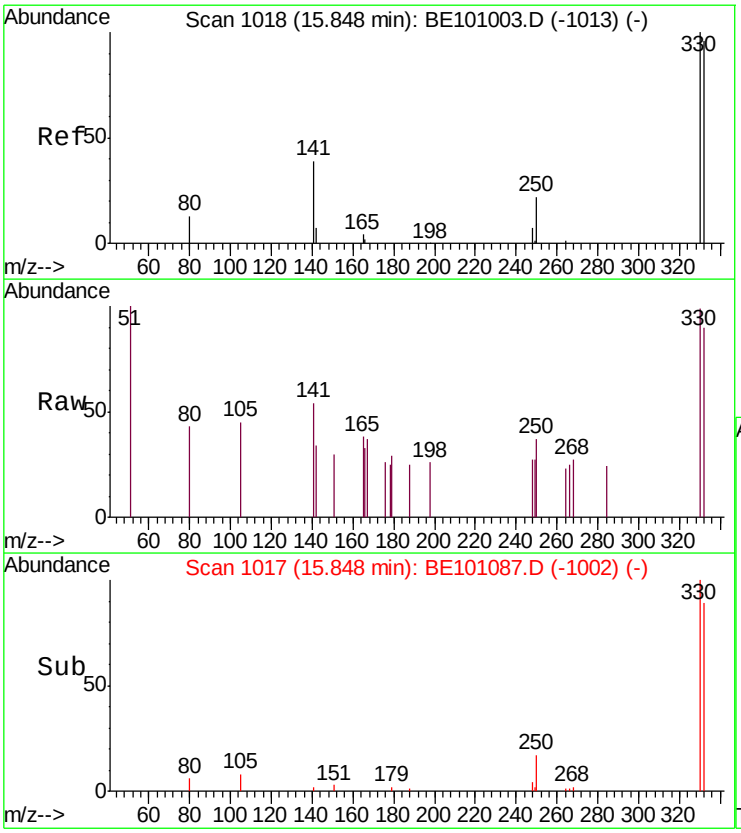
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:164 Resp: 4789

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.1	126.1
160	46.9	40.4	60.6

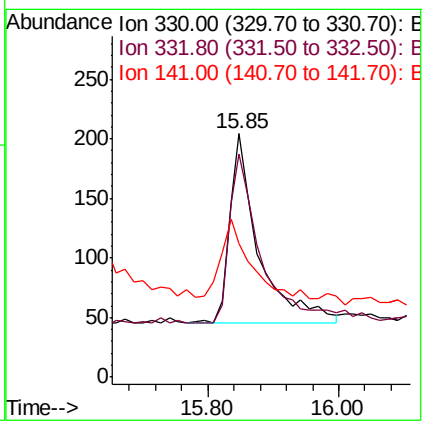


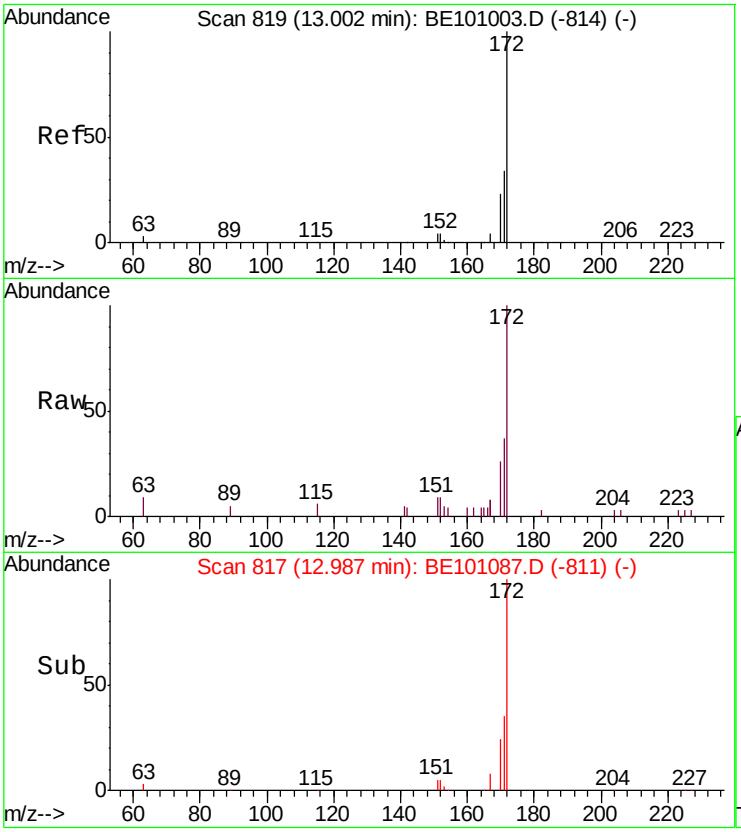


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	42.8	37.0	55.4



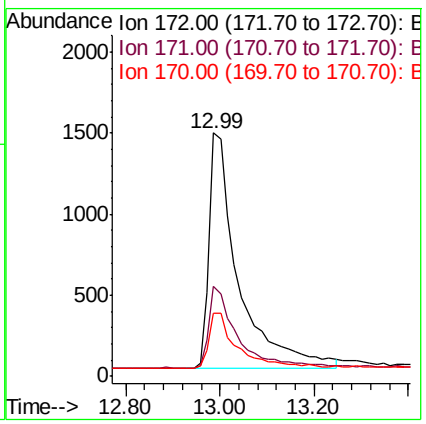


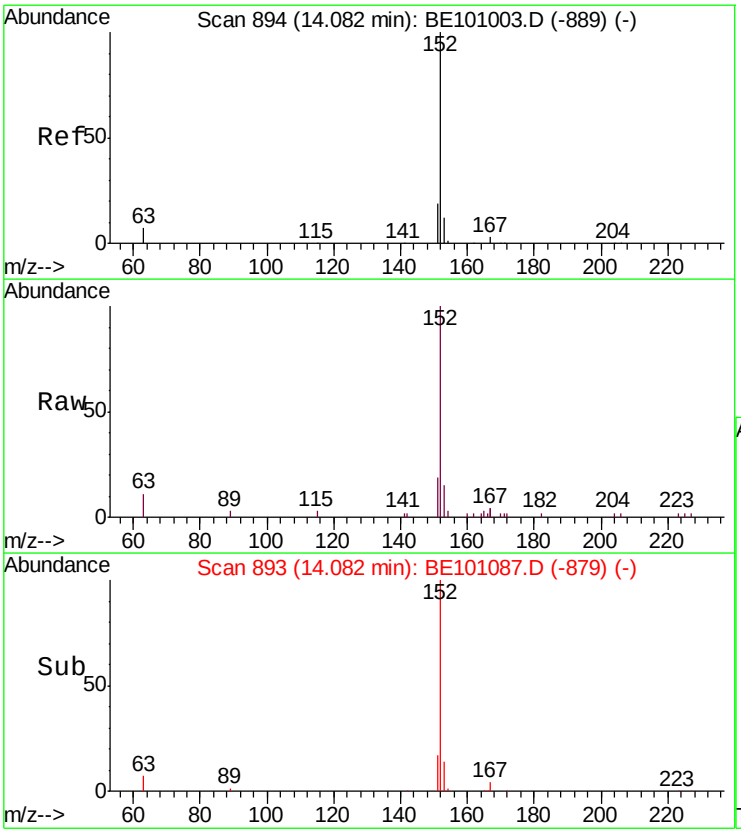
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:172 Resp: 6278

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.2	42.2
170	26.2	18.9	28.3

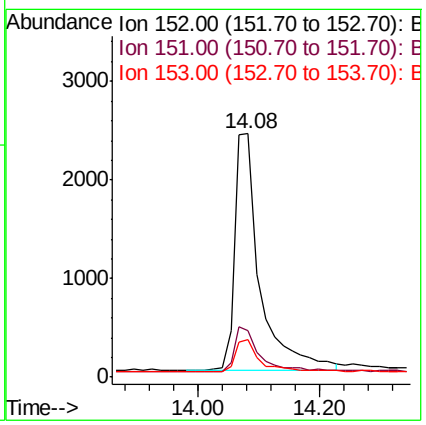


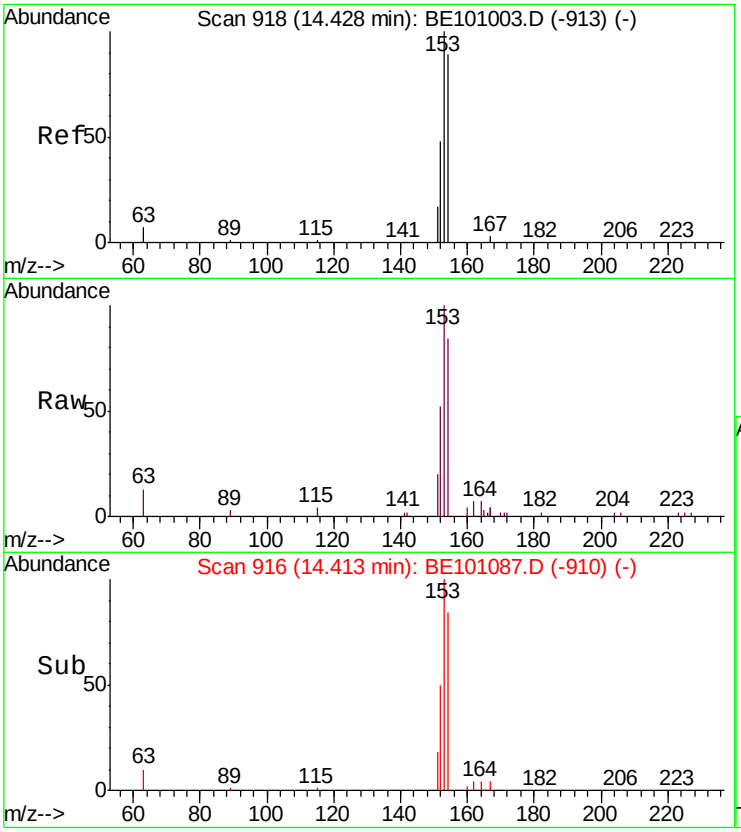


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:152 Resp: 7001

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.2	10.4	15.6



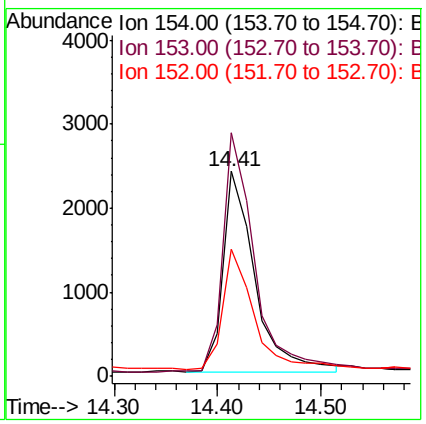


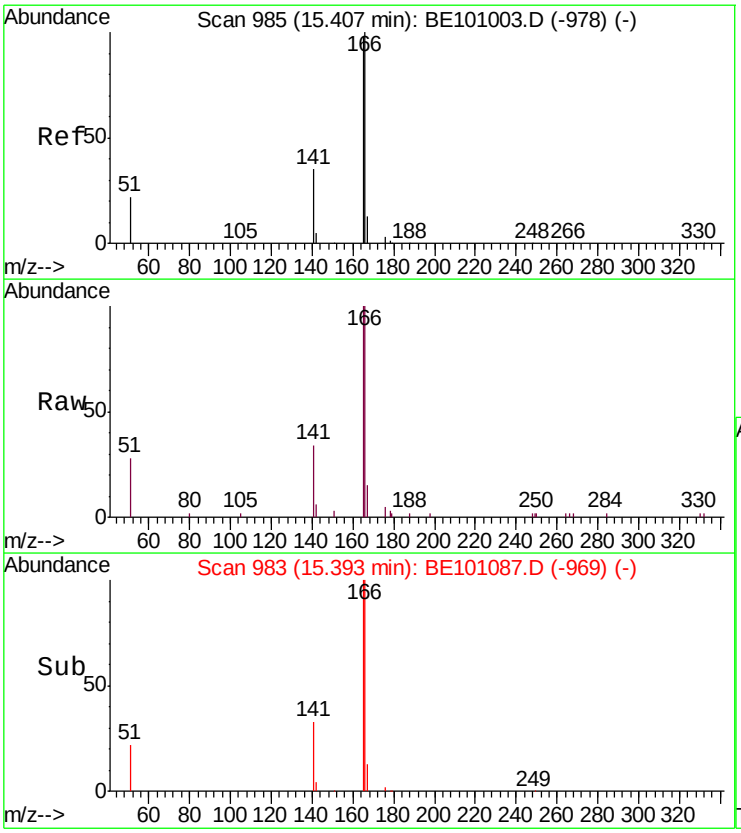
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:154 Resp: 5113

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.6	140.4
152	58.4	46.3	69.5

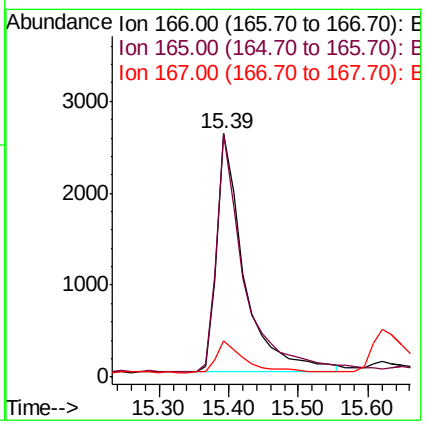


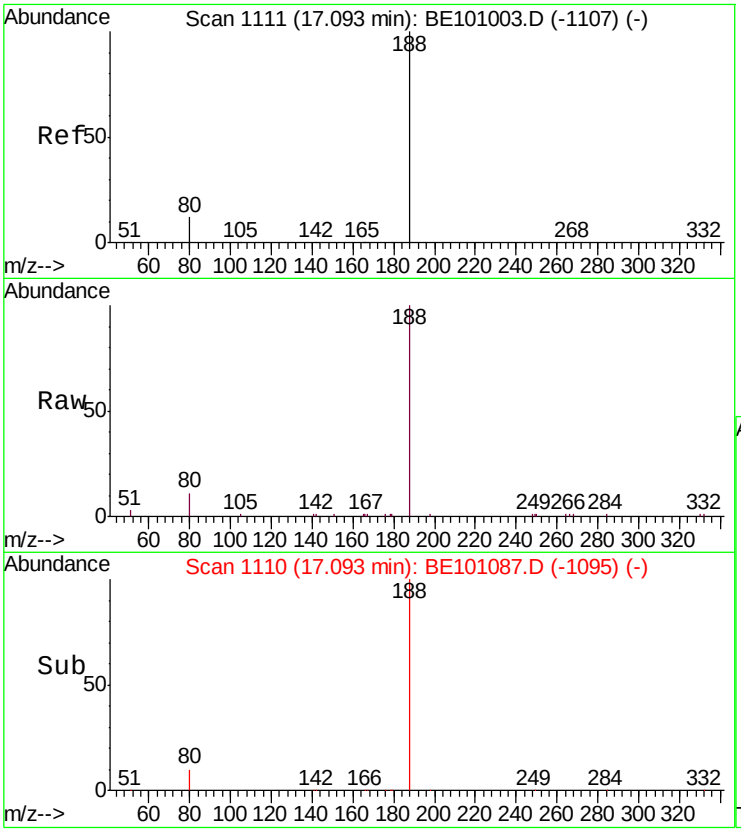


#18
Fluorene
Concen: 0.401 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:166 Resp: 7085

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.7	11.0	16.6



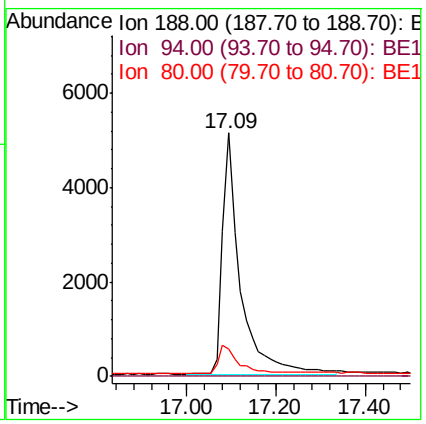


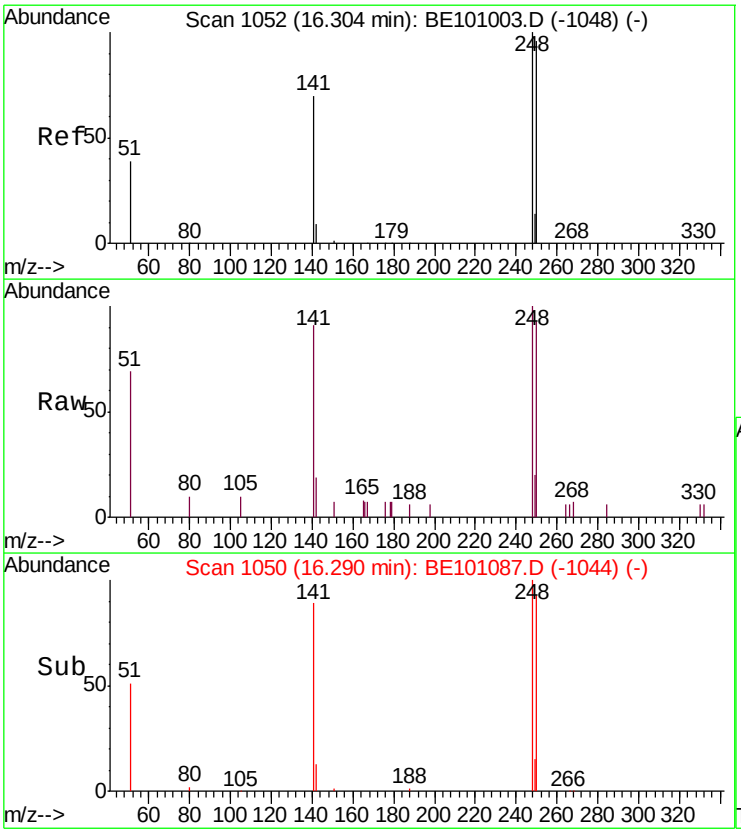
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:188 Resp: 14183

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	10.8	16.2

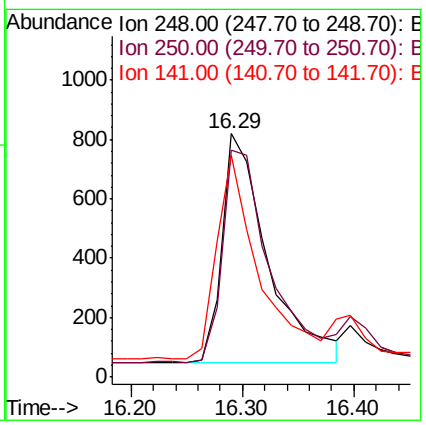


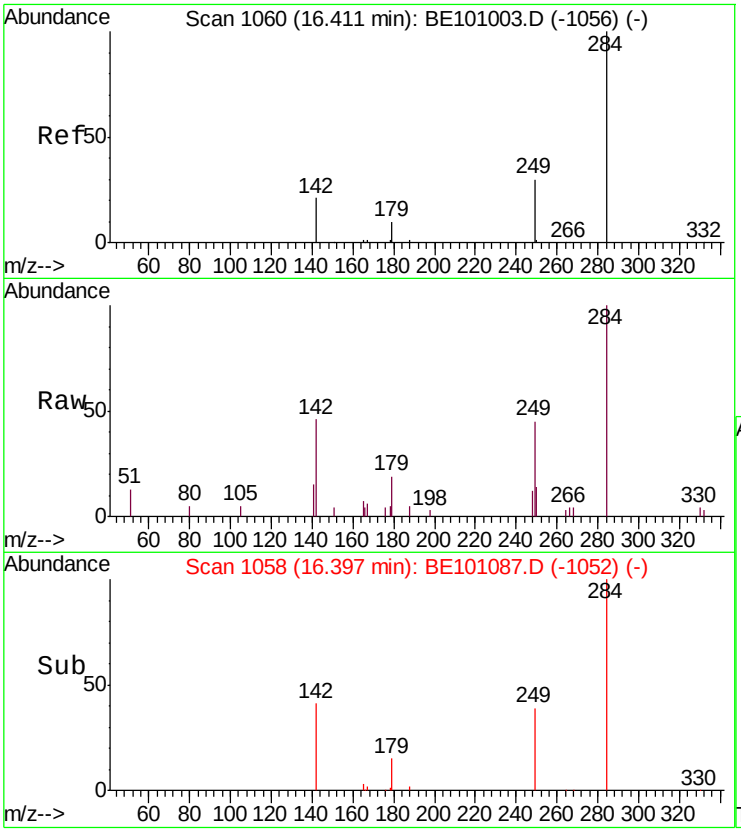


#20
4-Bromophenyl-phenylether
Concen: 0.318 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:248 Resp: 2202

Ion	Ratio	Lower	Upper
248	100		
250	93.0	76.6	115.0
141	91.1	57.7	86.5#



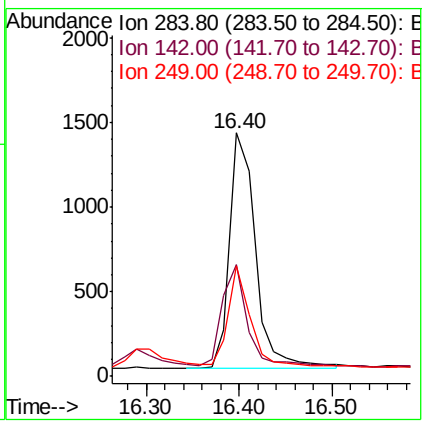


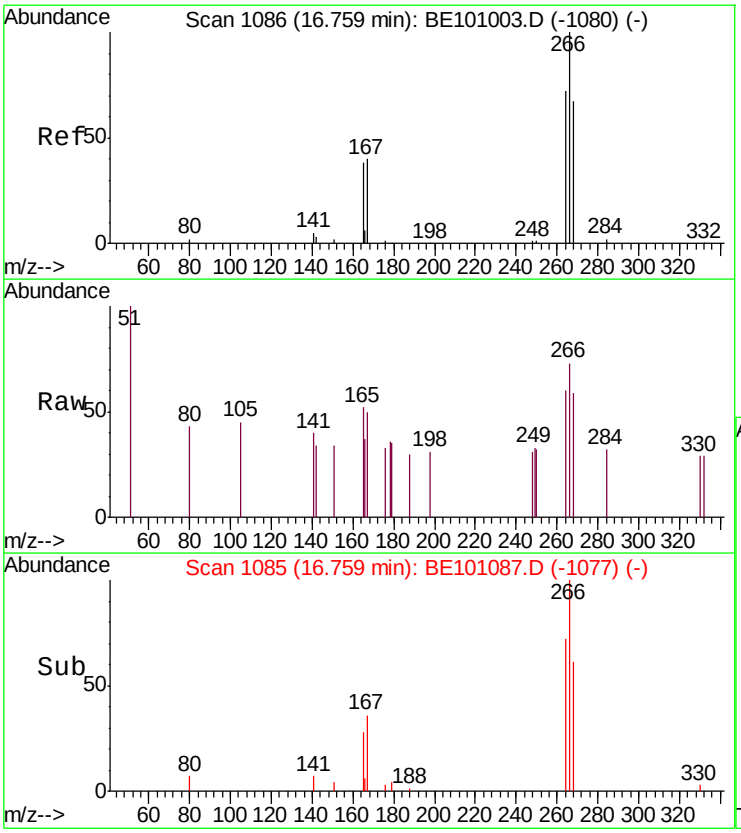
#21
Hexachlorobenzene
Concen: 0.353 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:284 Resp: 2677

Ion	Ratio	Lower	Upper
284	100		
142	40.3	34.0	51.0
249	35.1	28.2	42.4

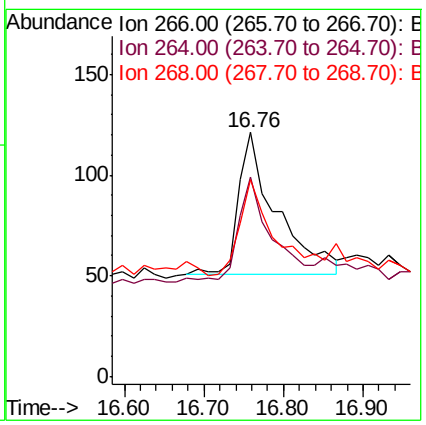


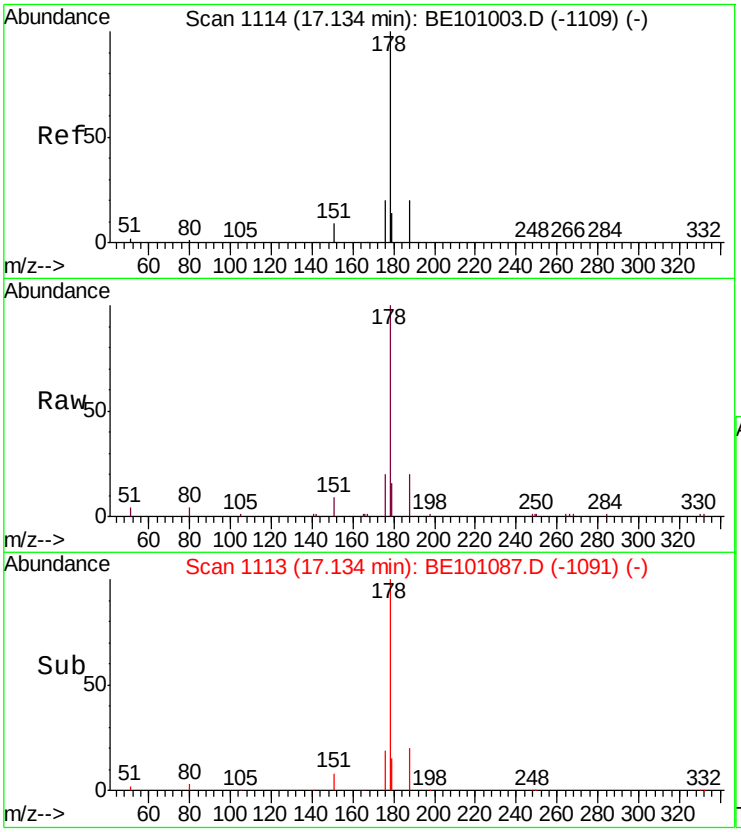


#22
Pentachlorophenol
Concen: 0.337 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:266 Resp: 231

Ion	Ratio	Lower	Upper
266	100		
264	81.8	61.0	91.4
268	81.0	58.5	87.7



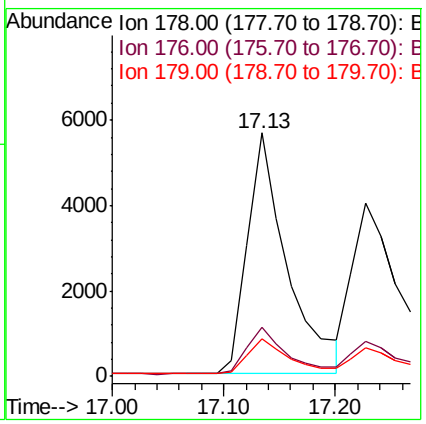


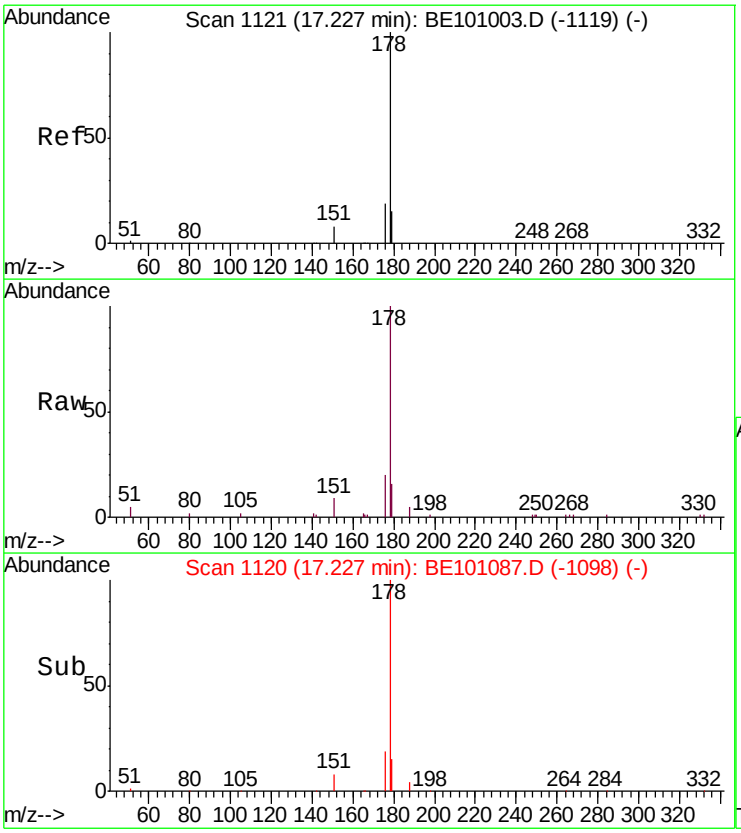
#23
Phenanthrene
Concen: 0.364 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:178 Resp: 14093

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.5	12.0	18.0

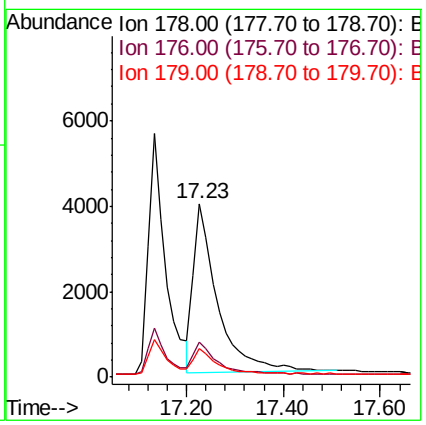


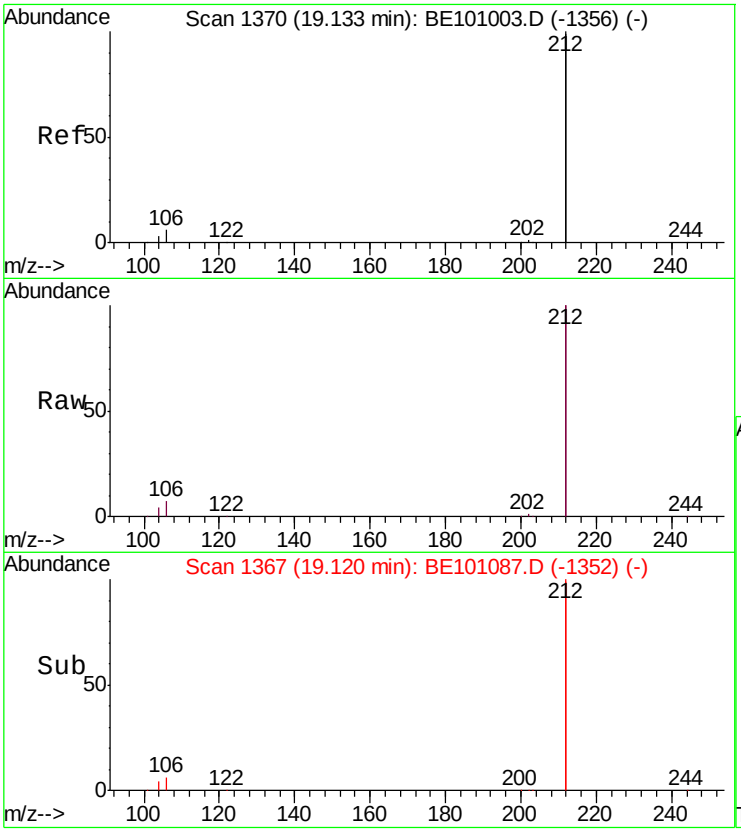


#24
Anthracene
Concen: 0.372 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:178 Resp: 13609

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.8	22.2
179	14.3	12.4	18.6



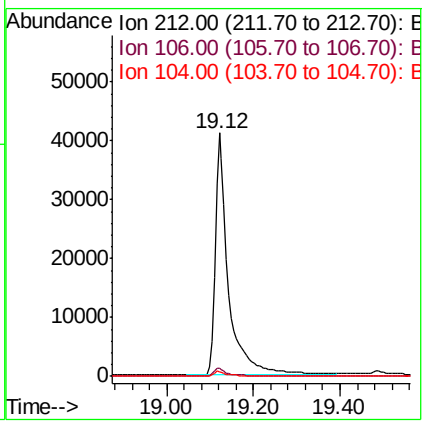


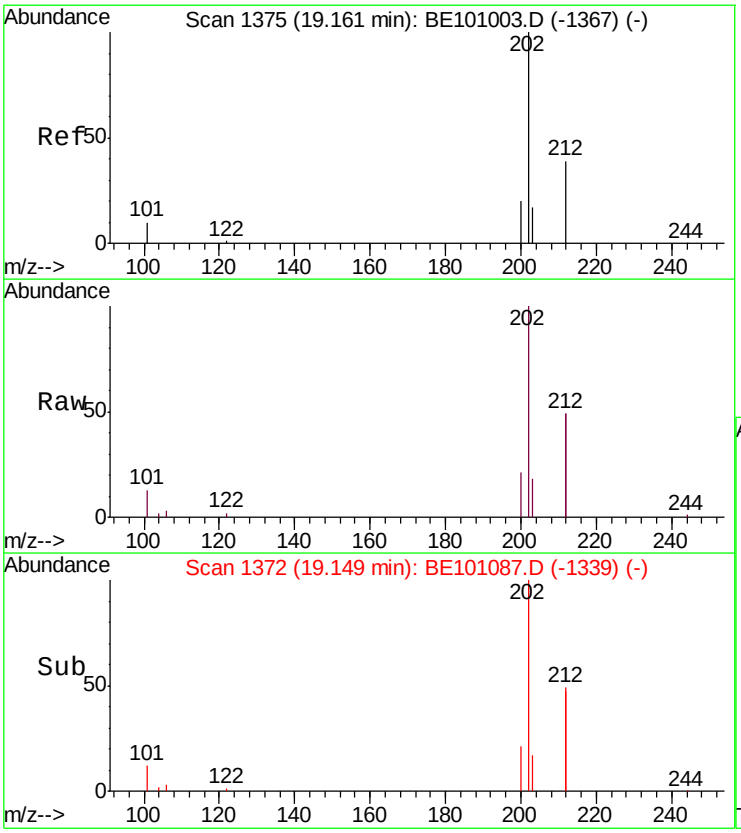
#25
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:212 Resp: 91272

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.0

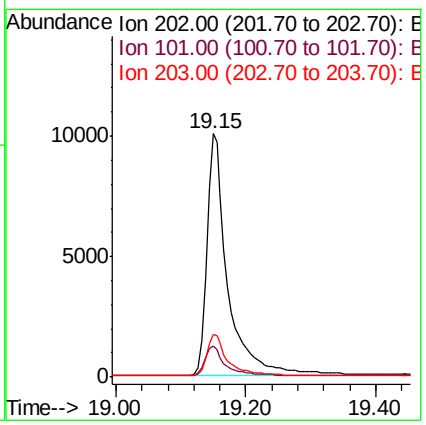


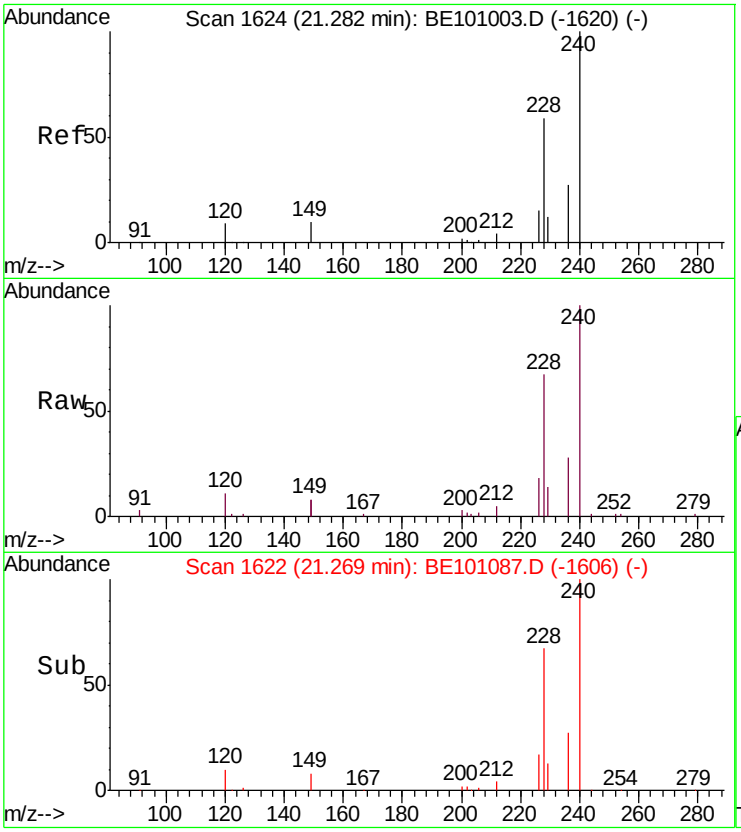


#26
Fluoranthene
Concen: 0.466 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:202 Resp: 22623

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	16.6	13.8	20.6



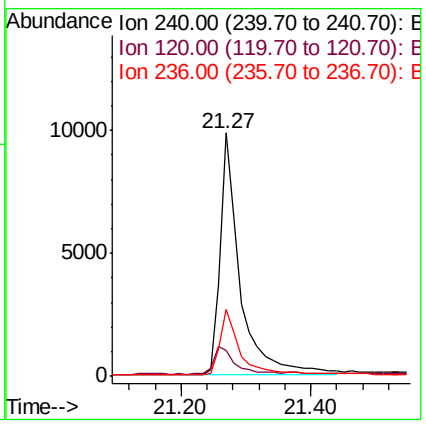


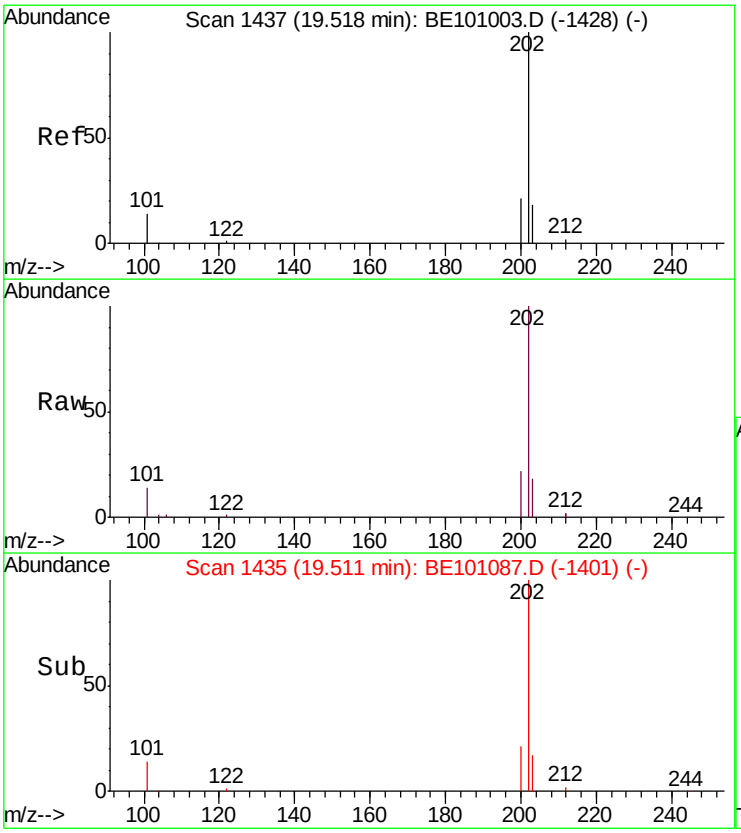
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:240 Resp: 21490

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	27.5	22.2	33.4

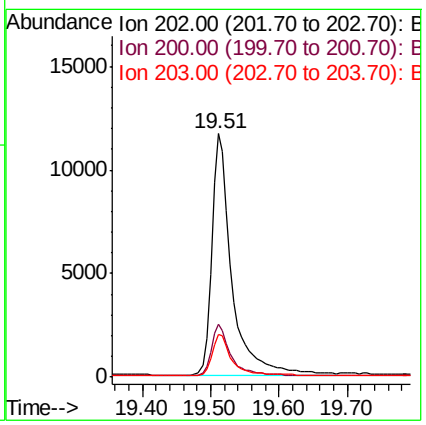


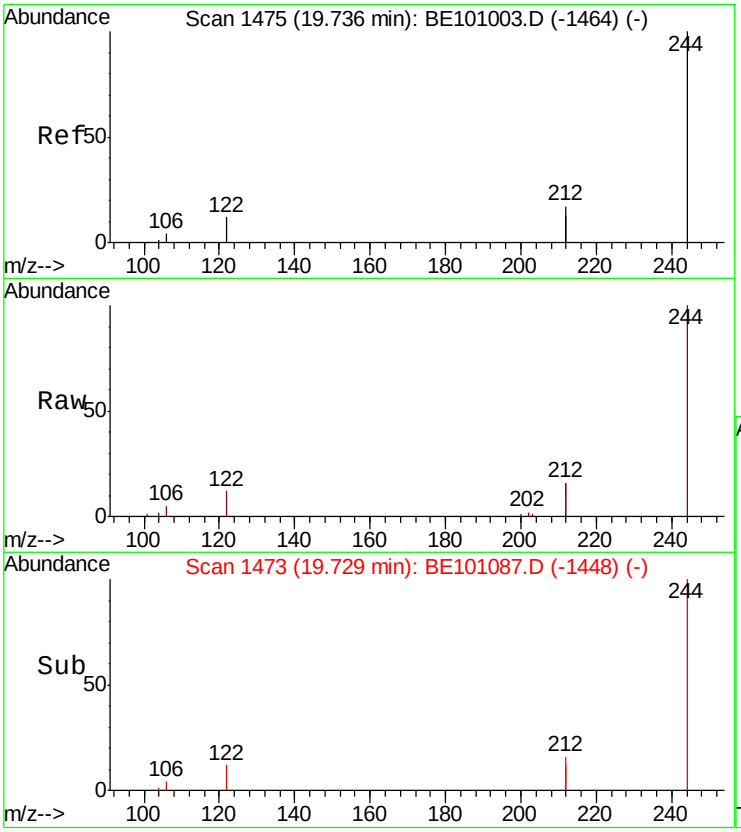


#28
Pyrene
Concen: 0.298 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:202 Resp: 23859

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.6	13.8	20.6



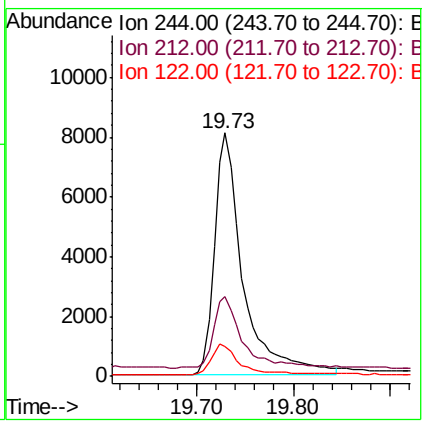


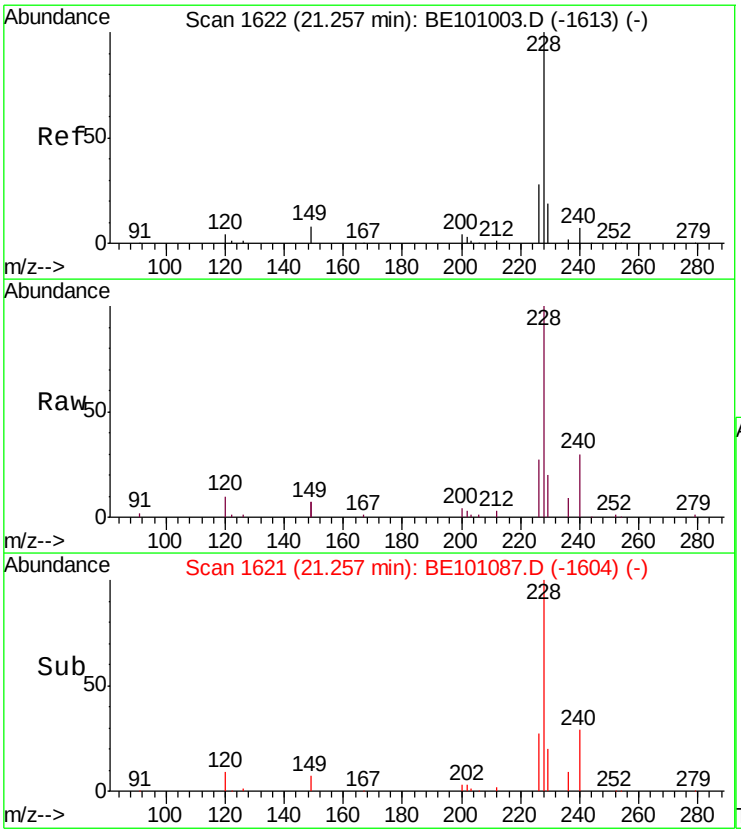
#29
Terphenyl-d14
Concen: 0.318 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:244 Resp: 16777

Ion	Ratio	Lower	Upper
244	100		
212	32.5	27.2	40.8
122	12.5	9.8	14.8

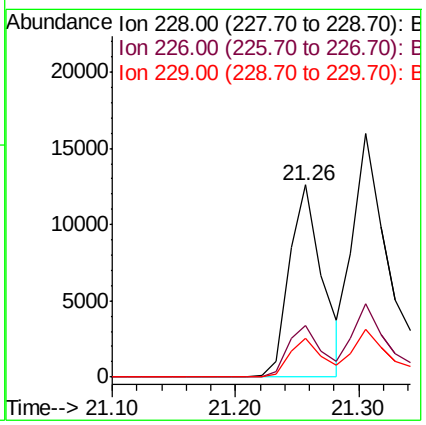


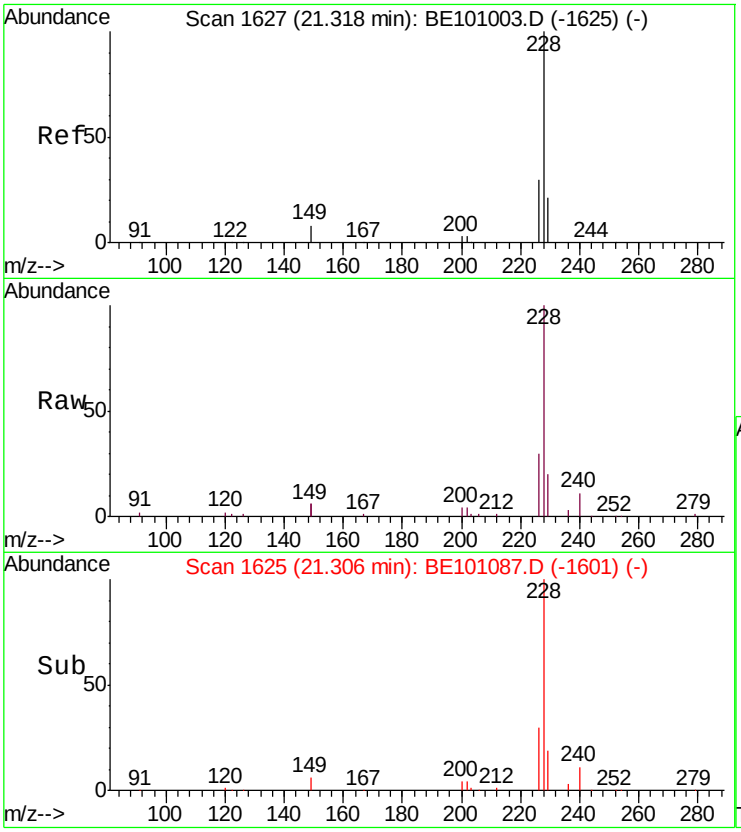


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:228 Resp: 23366

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	19.9	15.5	23.3



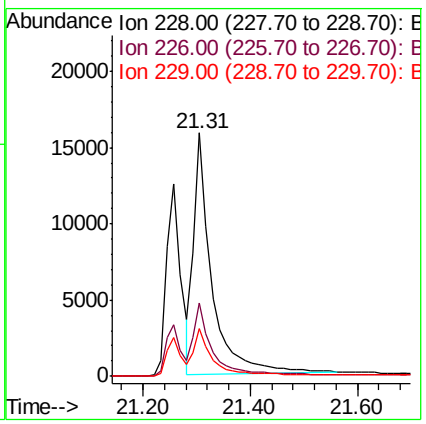


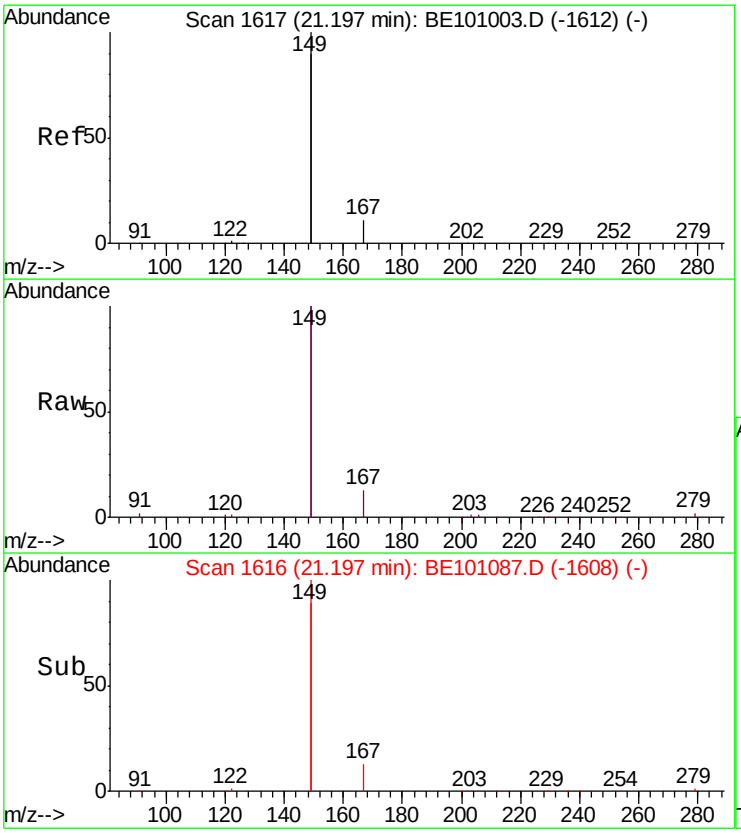
#31
Chrysene
Concen: 0.399 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:228 Resp: 36409

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	19.7	16.7	25.1

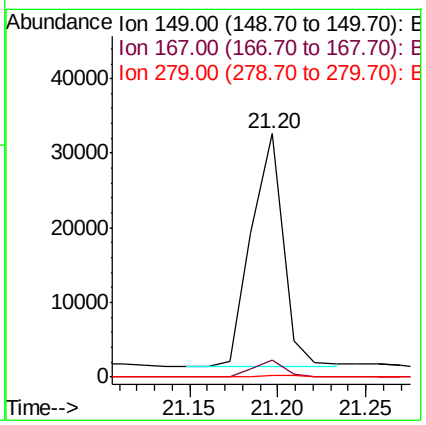


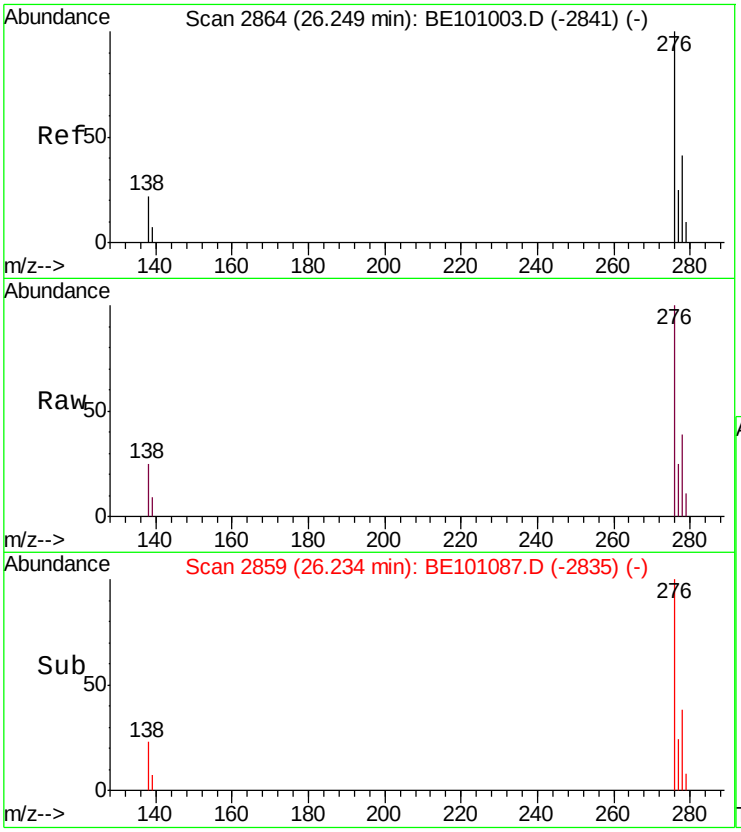


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.380 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:149 Resp: 38830

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



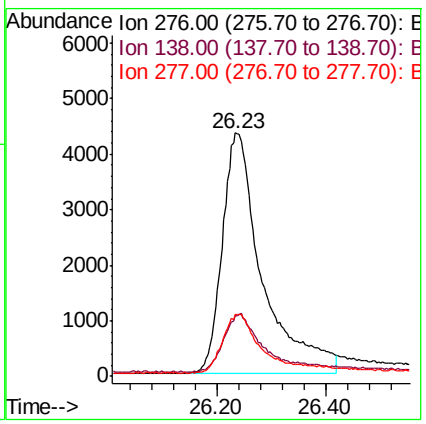


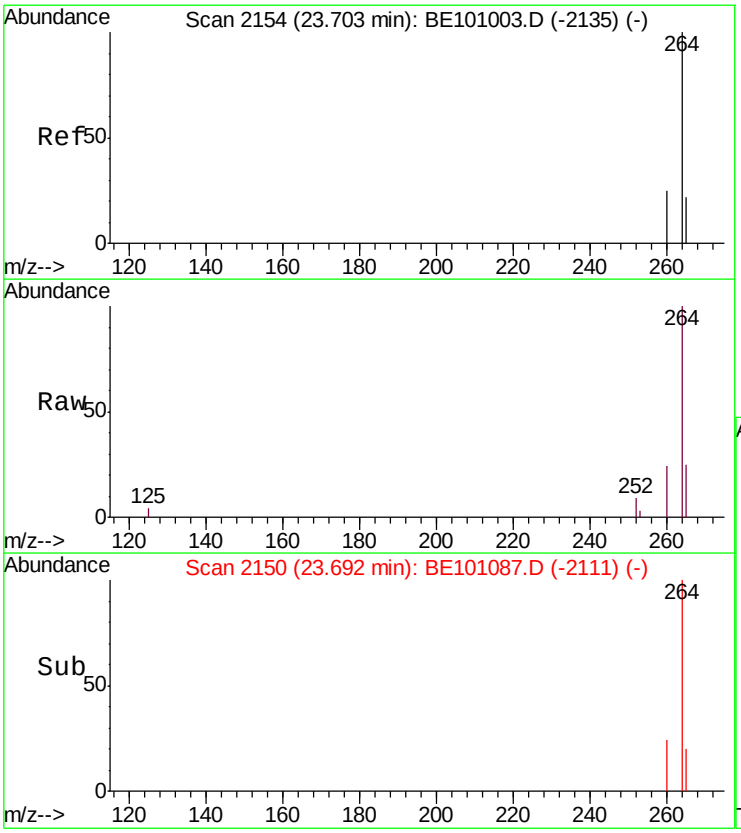
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:276 Resp: 22085

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.1	24.1
277	23.6	18.1	27.1

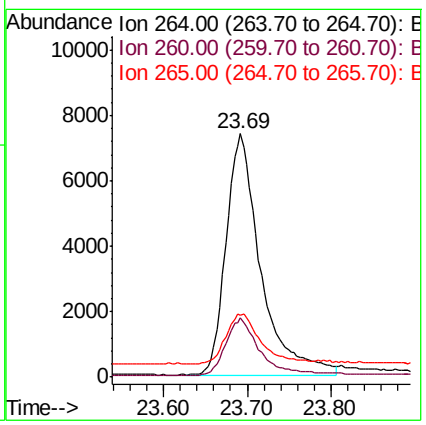


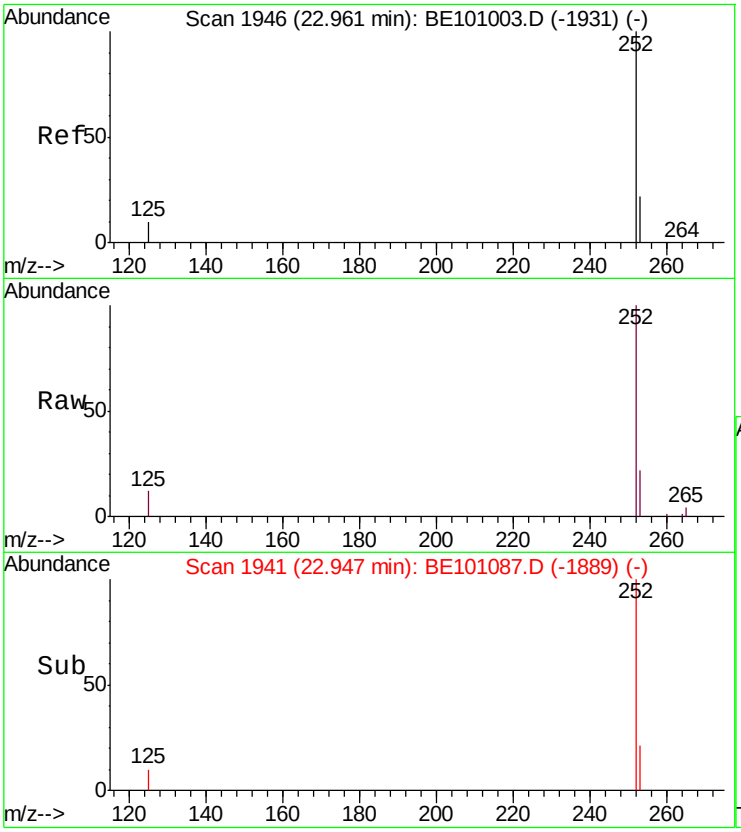


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:264 Resp: 21234

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.3	30.5
265	25.5	27.0	40.4#



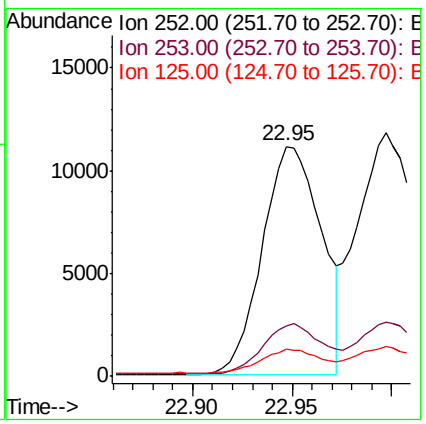


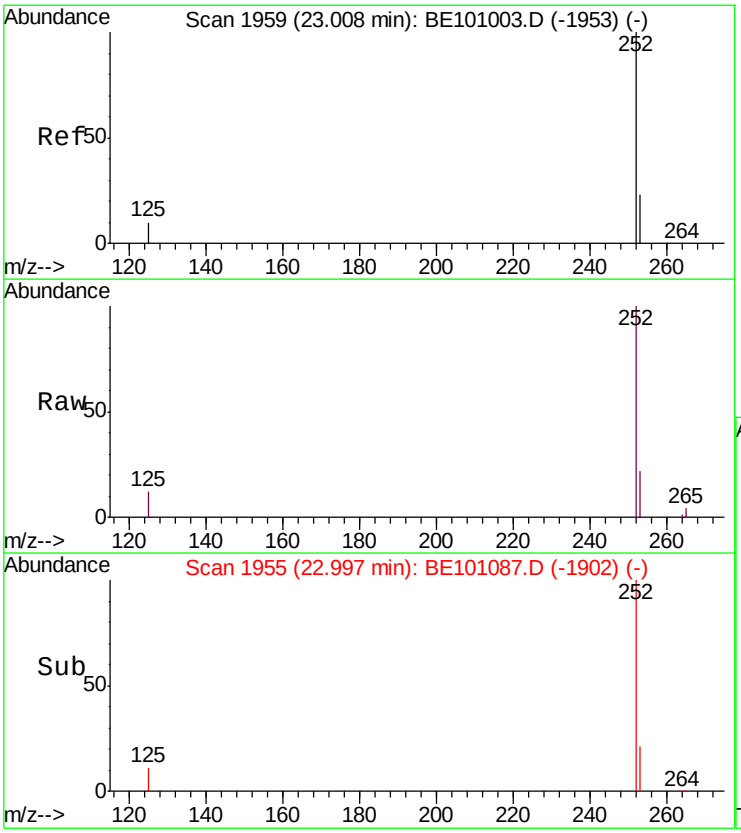
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:252 Resp: 22767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	11.7	9.5	14.3

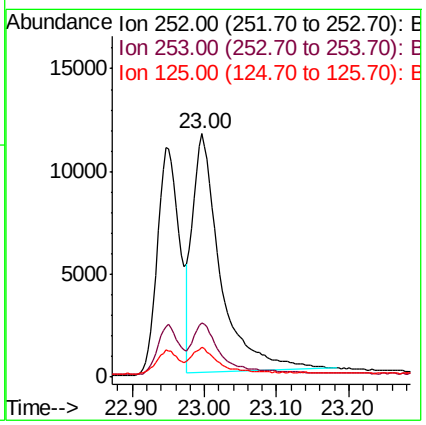


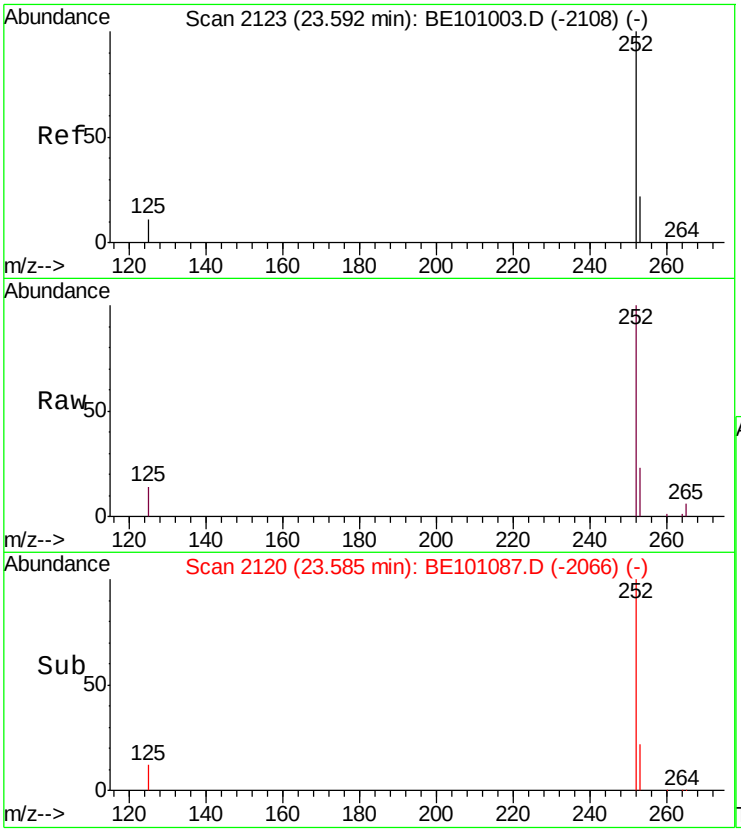


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:252 Resp: 31405

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	12.3	10.1	15.1



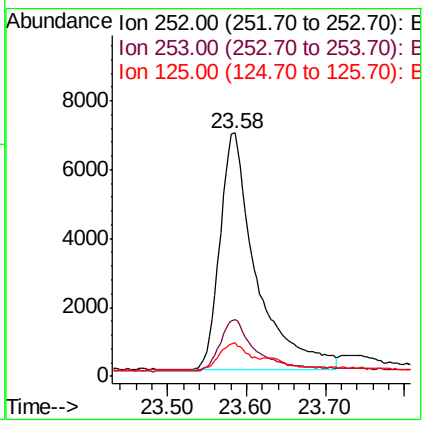


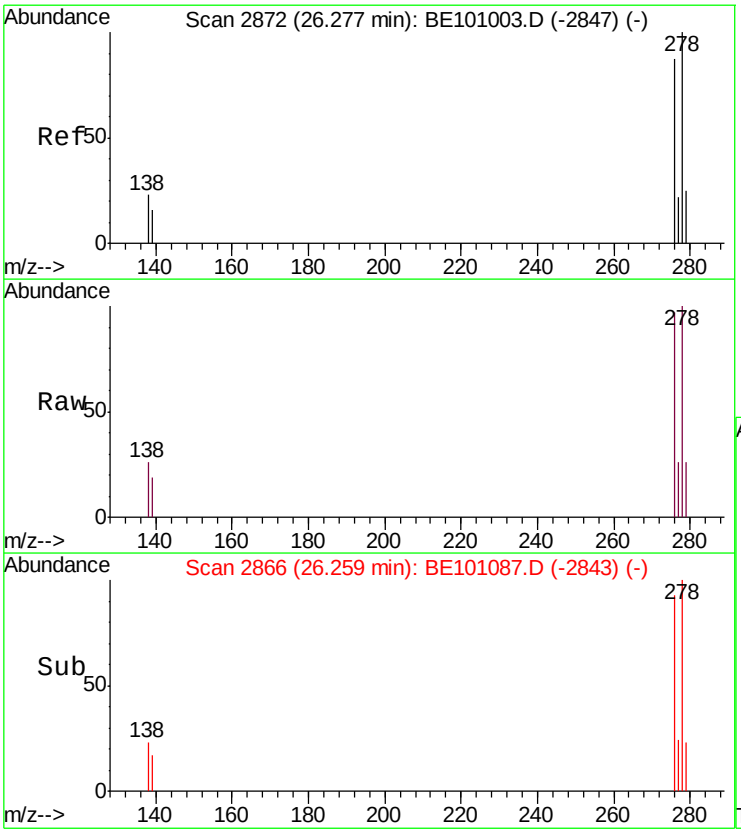
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:252 Resp: 22100

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	14.0	11.8	17.6

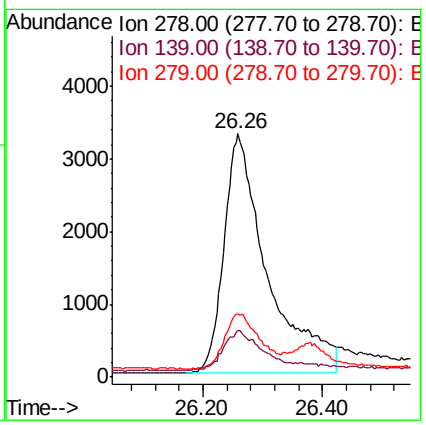


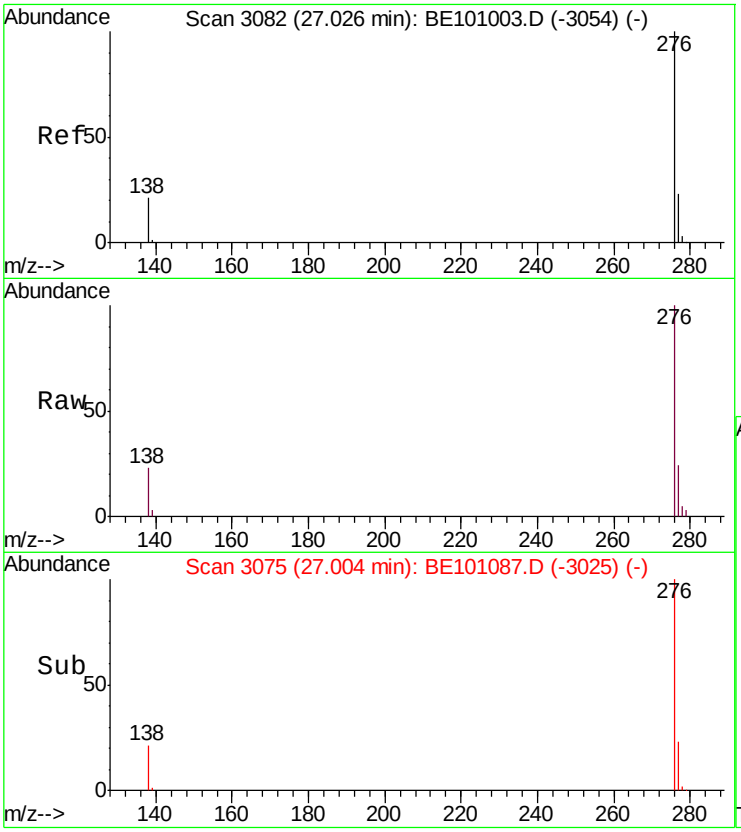


#38
Dibenzo(a,h)anthracene
Concen: 0.312 ng
RT: 26.26 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Tgt Ion:278 Resp: 16548

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.0	22.4
279	25.9	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.298 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BE101087.D
Acq: 17 Jan 2020 16:31

Instrument :
BNA_E
ClientSampleId :
PB126161BS

Tgt Ion:276 Resp: 19430

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	22.7	17.9	26.9