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

Quantitation Report (Not Reviewed)

Data File : BE101086.D
Acq On : 17 Jan 2020 15:53
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 17 23:19:51 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	7.73	152	1549	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	7273	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5673	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16655	0.40	ng	0.00
27) Chrysene-d12	21.27	240	24118	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20217	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1760	0.50	ng	0.00
5) Phenol-d6	6.91	99	1754	0.40	ng	0.00
8) Nitrobenzene-d5	8.87	82	1894	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	5629	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	594	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7422	0.34	ng	-0.01
25) Fluoranthene-d10	19.12	212	107389	0.46	ng	-0.01
29) Terphenyl-d14	19.72	244	21394	0.36	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1821	0.527	ng	# 86
3) n-Nitrosodimethylamine	3.60	42	915	0.425	ng	# 90
6) bis(2-Chloroethyl)ether	7.15	93	2018	0.384	ng	96
9) Naphthalene	10.55	128	32503	0.402	ng	99
10) Hexachlorobutadiene	10.84	225	1422	0.416	ng	99
12) 2-Methylnaphthalene	12.17	142	4901	0.401	ng	98
16) Acenaphthylene	14.07	152	8230	0.356	ng	99
17) Acenaphthene	14.41	154	6187	0.374	ng	99
18) Fluorene	15.39	166	8407	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	2545	0.313	ng	91
21) Hexachlorobenzene	16.40	284	3052	0.342	ng	99
22) Pentachlorophenol	16.75	266	418	0.384	ng	96
23) Phenanthrene	17.13	178	16432	0.361	ng	99
24) Anthracene	17.23	178	16630	0.388	ng	99
26) Fluoranthene	19.15	202	27219	0.478	ng	99
28) Pyrene	19.51	202	28956	0.323	ng	99
30) Benzo(a)anthracene	21.26	228	28158	0.409	ng	97
31) Chrysene	21.31	228	41300	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	53477	0.466	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	23292	0.288	ng	96
35) Benzo(b)fluoranthene	22.95	252	21643	0.382	ng	99
36) Benzo(k)fluoranthene	23.00	252	29437	0.358	ng	98
37) Benzo(a)pyrene	23.58	252	21815	0.398	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	16696	0.331	ng	97
39) Benzo(g,h,i)perylene	27.01	276	19792	0.319	ng	99

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

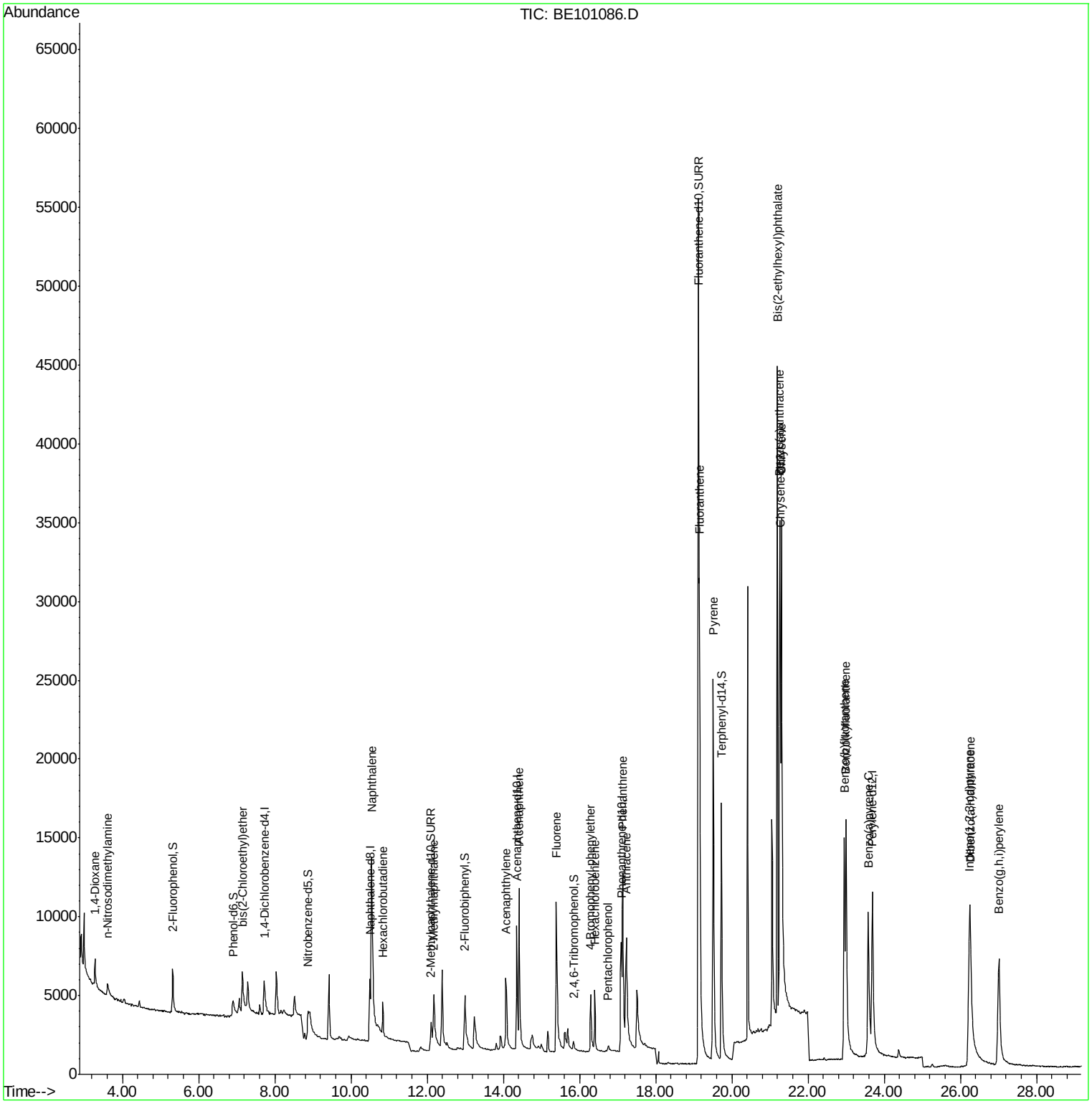
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011720\

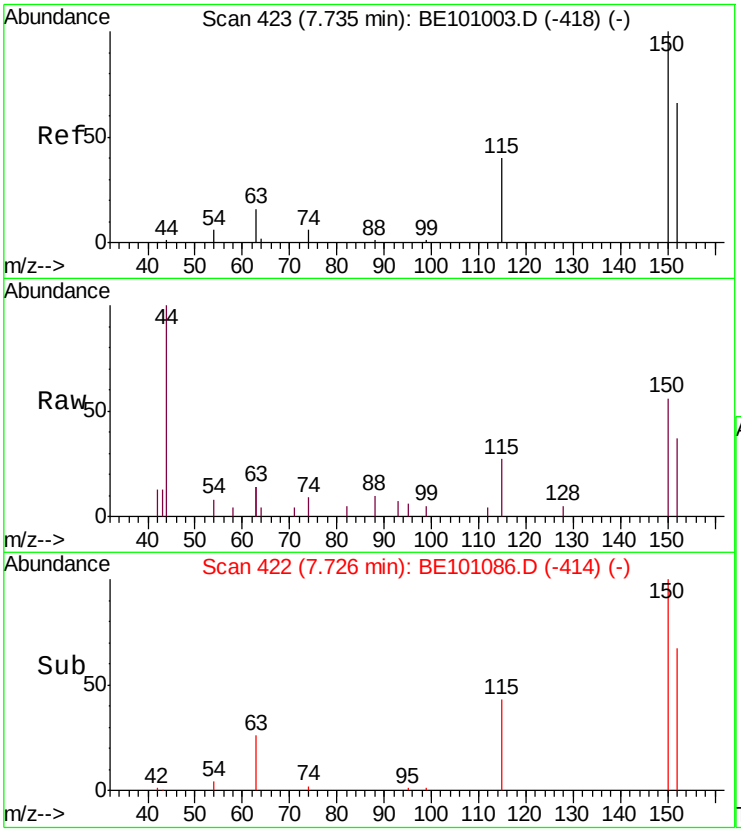
Quantitation Report (Not Reviewed)

Data File : BE101086.D
Acq On : 17 Jan 2020 15:53
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 17 23:19:51 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



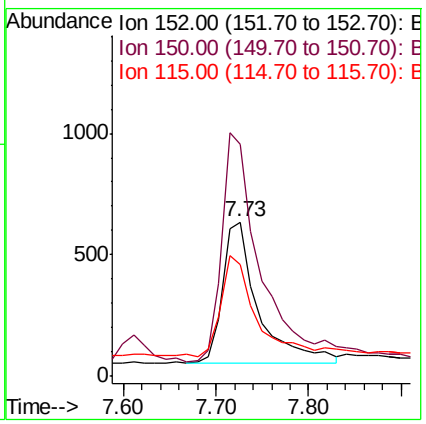


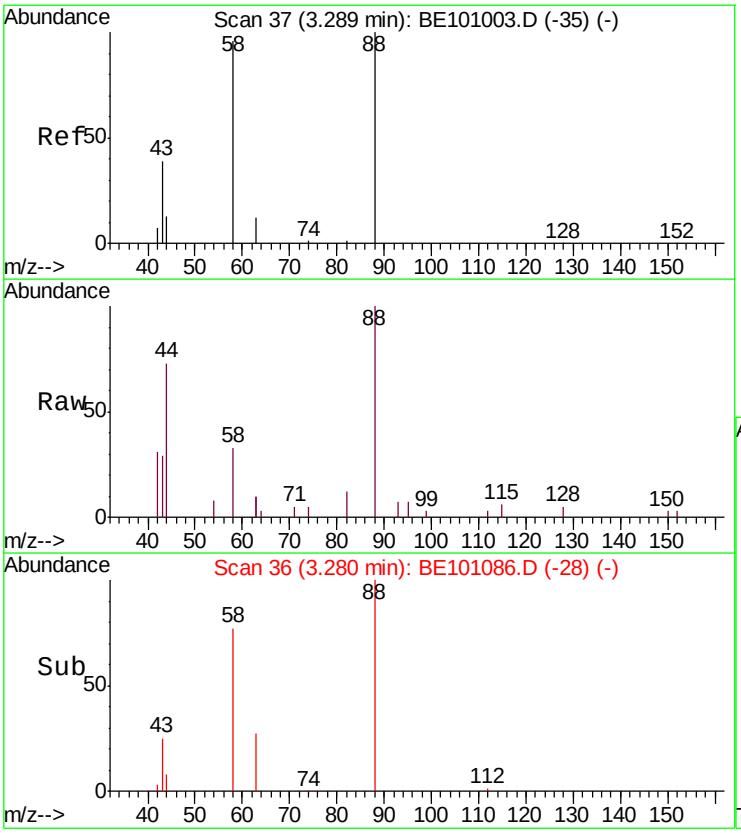
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1549

Ion	Ratio	Lower	Upper
152	100		
150	150.7	120.3	180.5
115	72.6	51.7	77.5

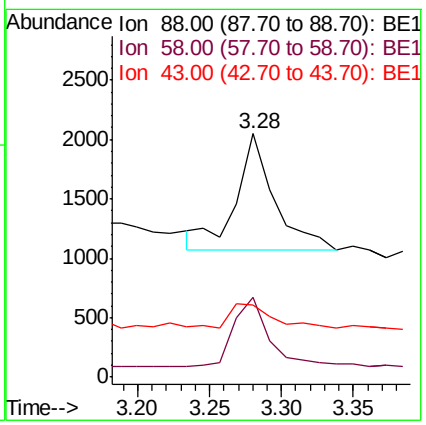


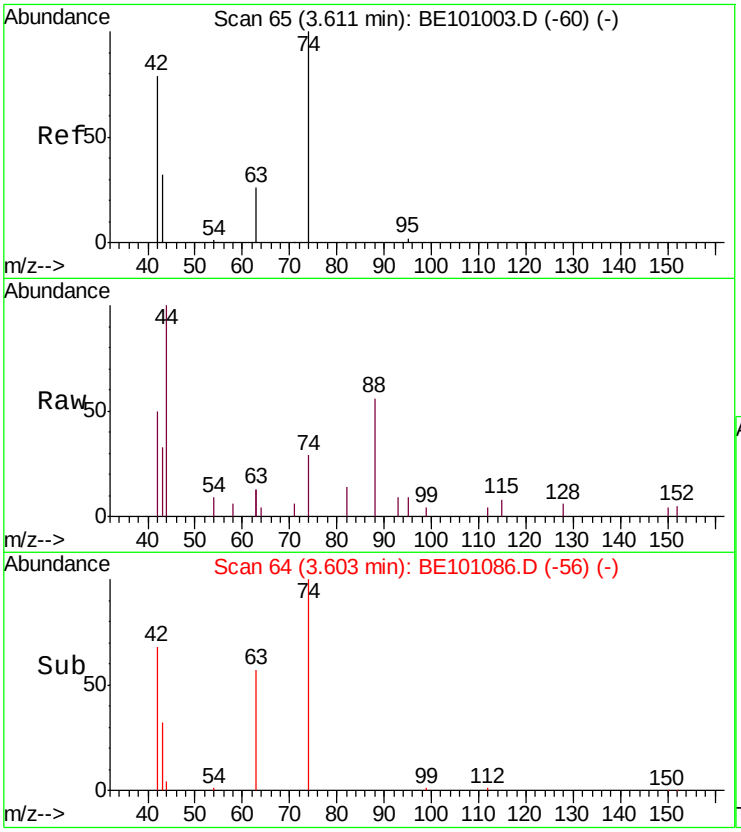


#2
1,4-Dioxane
Concen: 0.527 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion: 88 Resp: 1821

Ion	Ratio	Lower	Upper
88	100		
58	55.4	53.0	79.4
43	21.6	23.4	35.2#



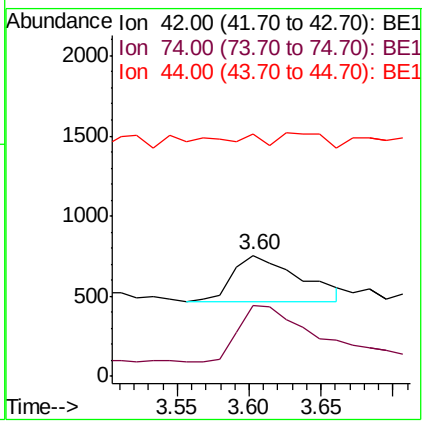


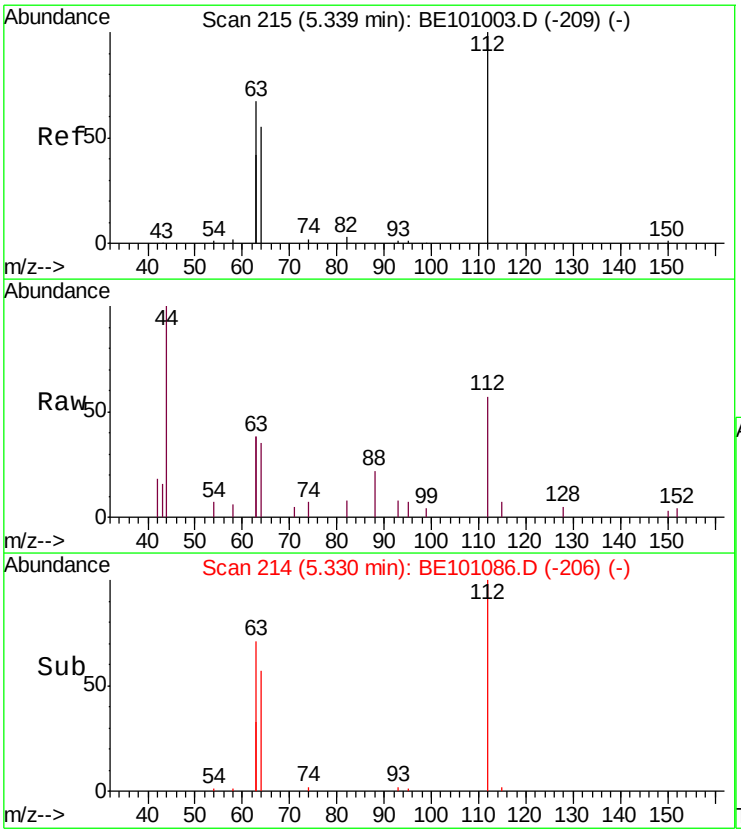
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 915

Ion	Ratio	Lower	Upper
42	100		
74	122.4	105.7	158.5
44	0.0	10.0	15.0#

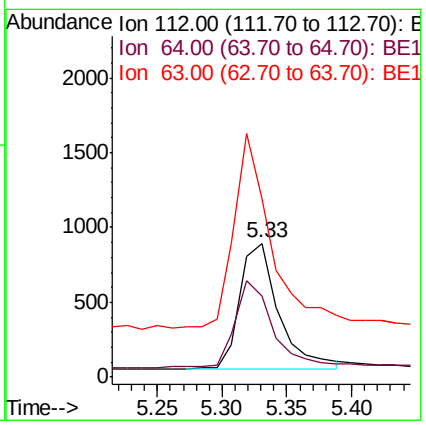


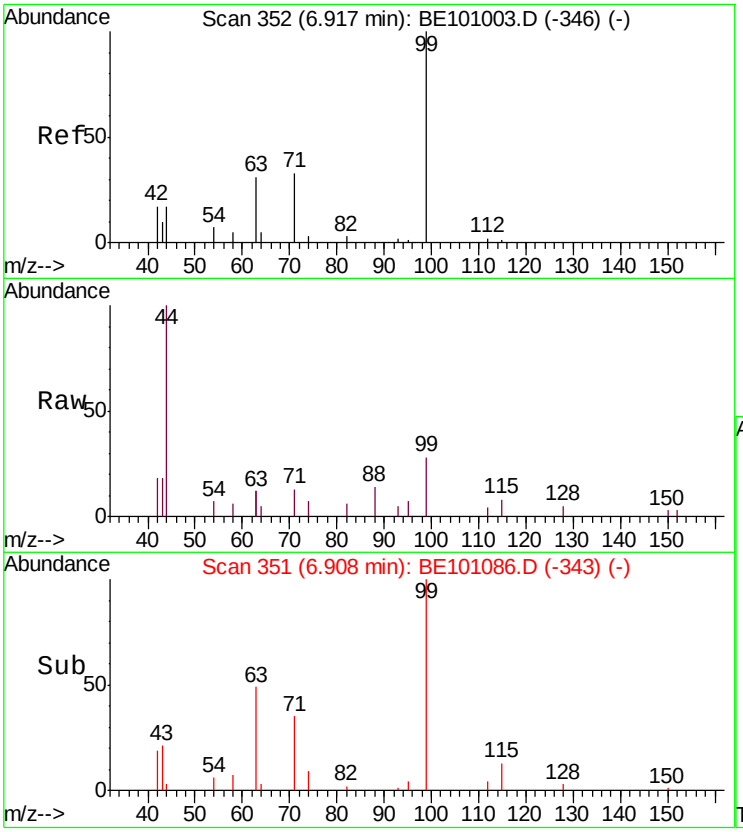


#4
2-Fluorophenol
Concen: 0.505 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:112 Resp: 1760

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.6	80.4
63	150.1	114.6	172.0



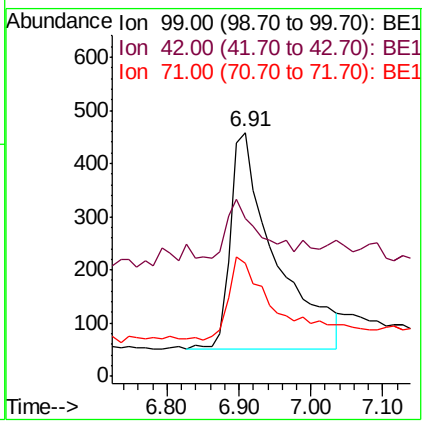


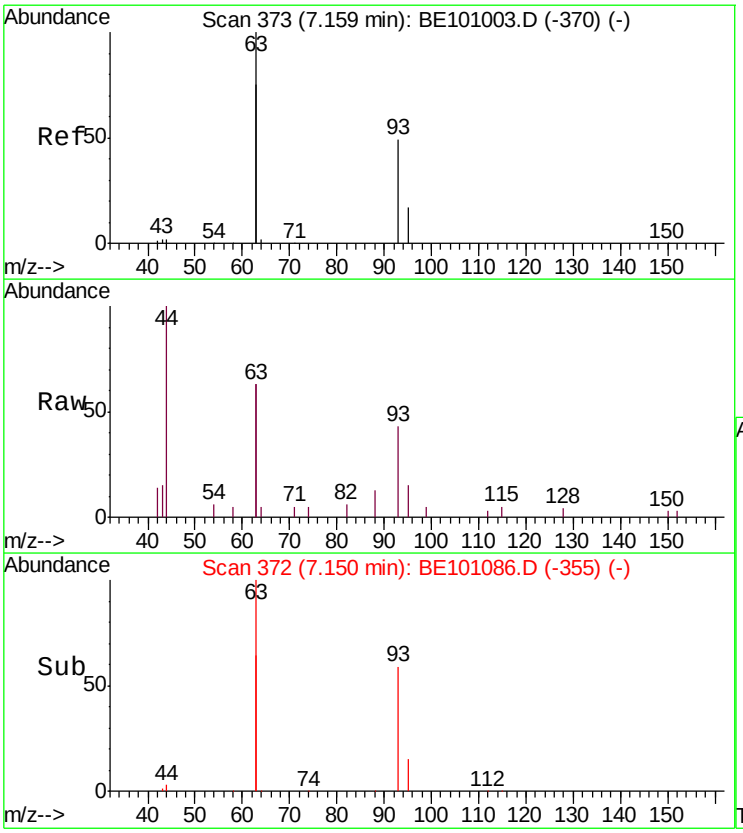
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1754

Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.3	27.5
71	37.4	28.0	42.0

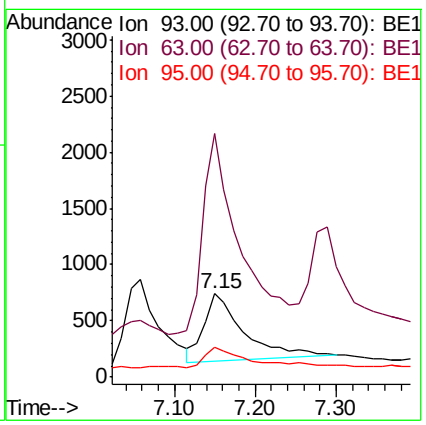


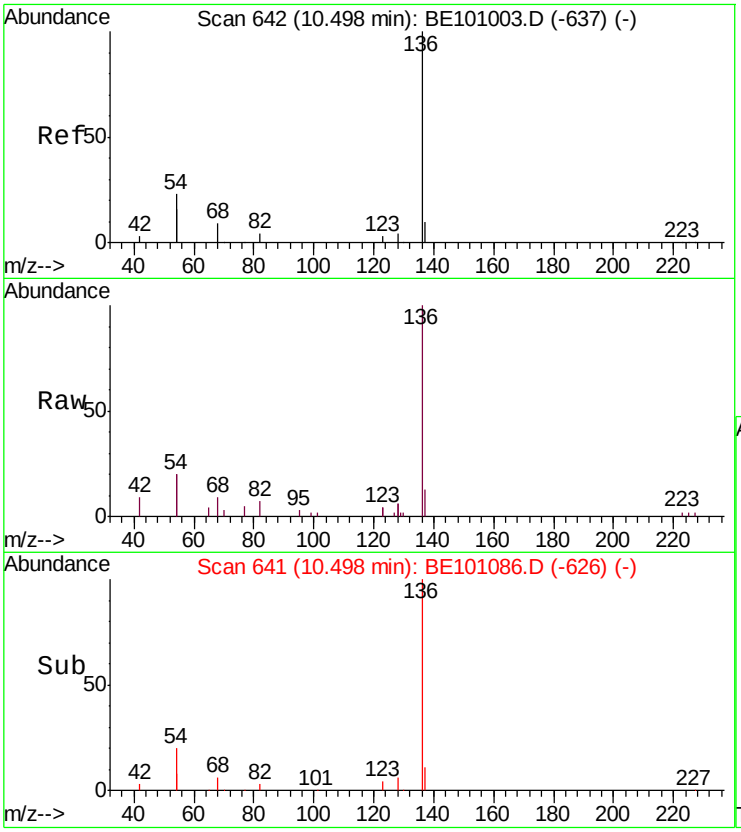


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion: 93 Resp: 2018

Ion	Ratio	Lower	Upper
93	100		
63	283.9	233.9	350.9
95	28.3	23.5	35.3



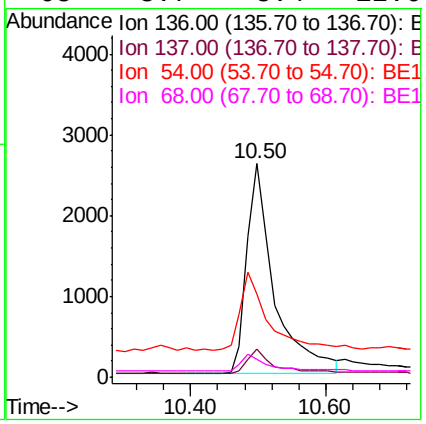


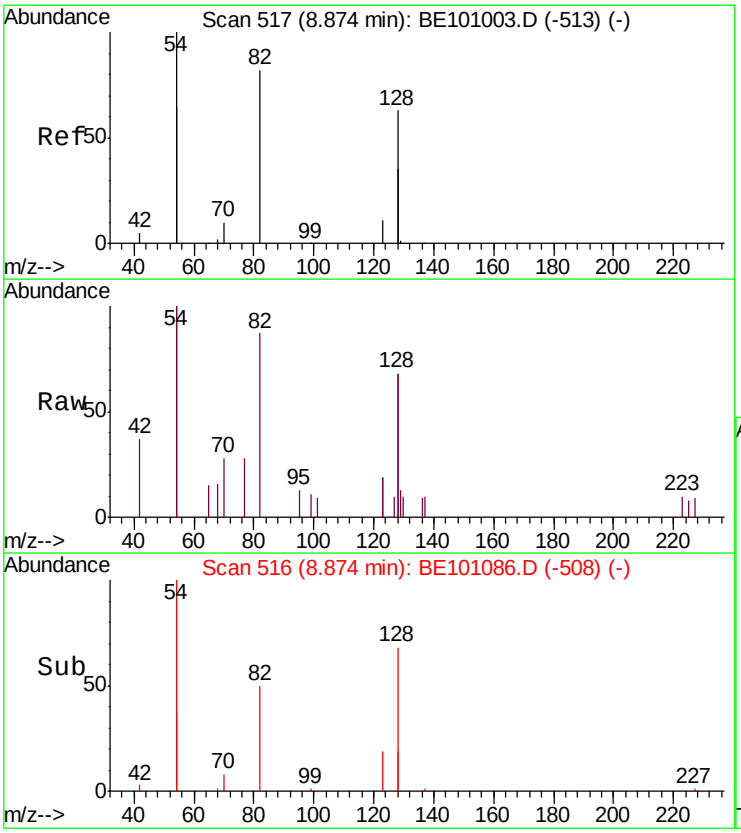
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7273

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.3	13.9
54	39.2	36.8	55.2
68	8.7	8.4	12.6

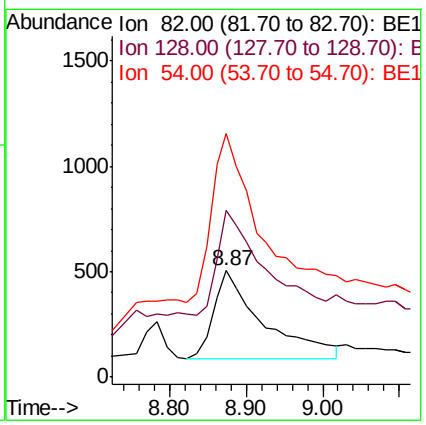


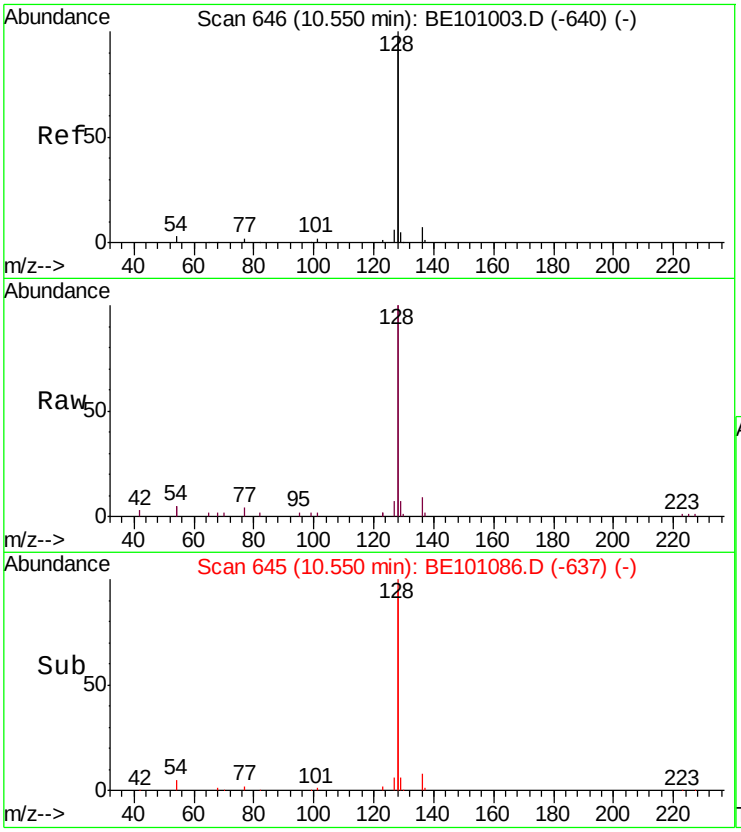


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion: 82 Resp: 1894

Ion	Ratio	Lower	Upper
82	100		
128	156.4	109.8	164.6
54	228.9	174.5	261.7



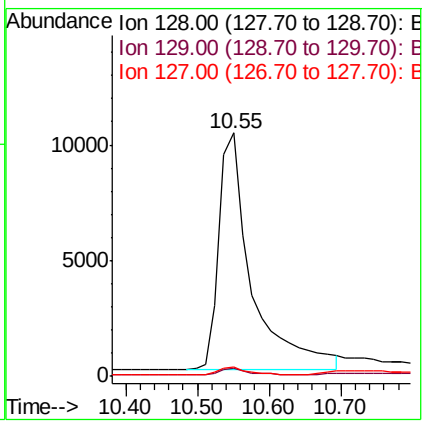


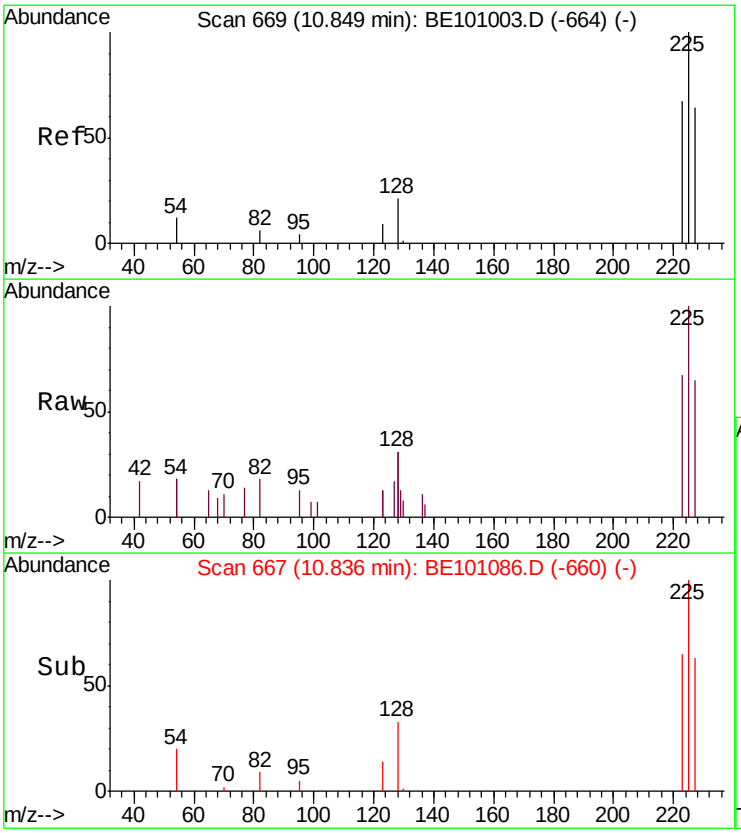
#9
Naphthalene
Concen: 0.402 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 32503

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.3	3.5
127	3.6	2.7	4.1

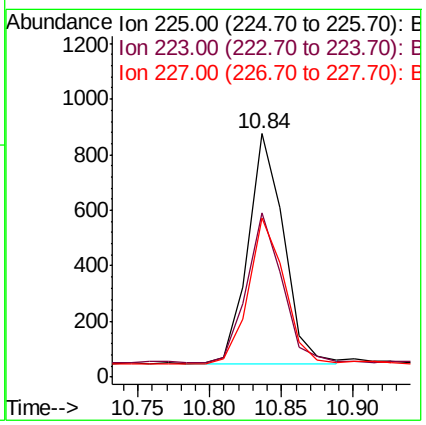


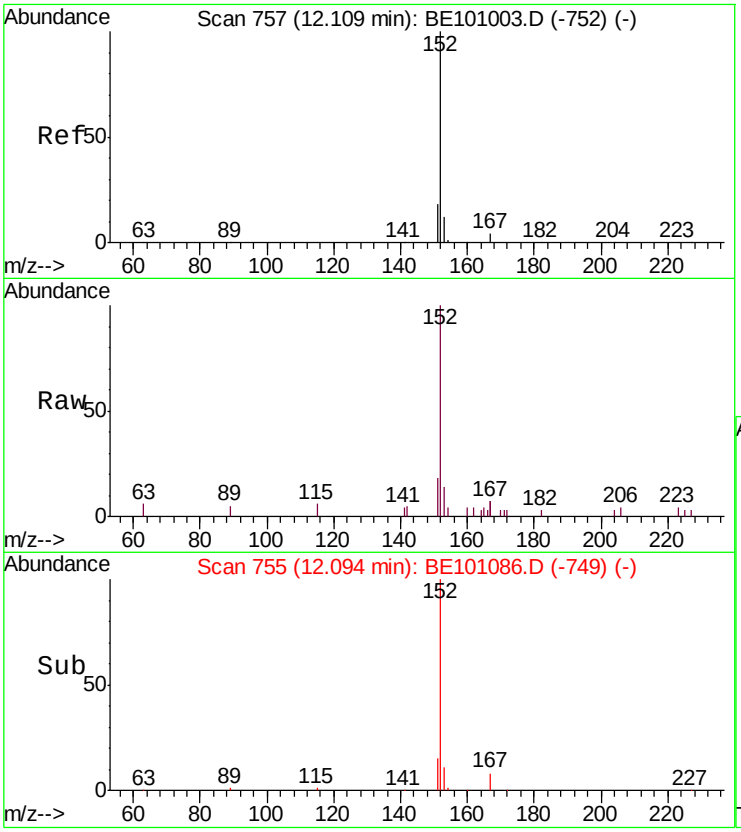


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.84 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:225 Resp: 1422

Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.2	78.4
227	63.9	49.9	74.9



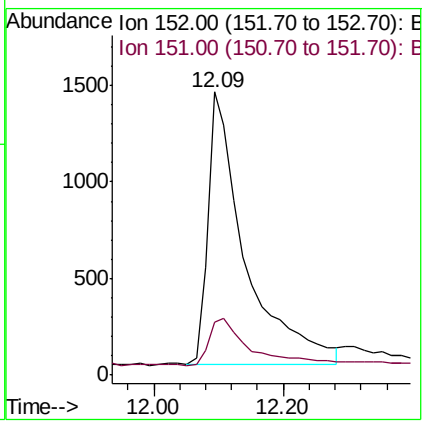


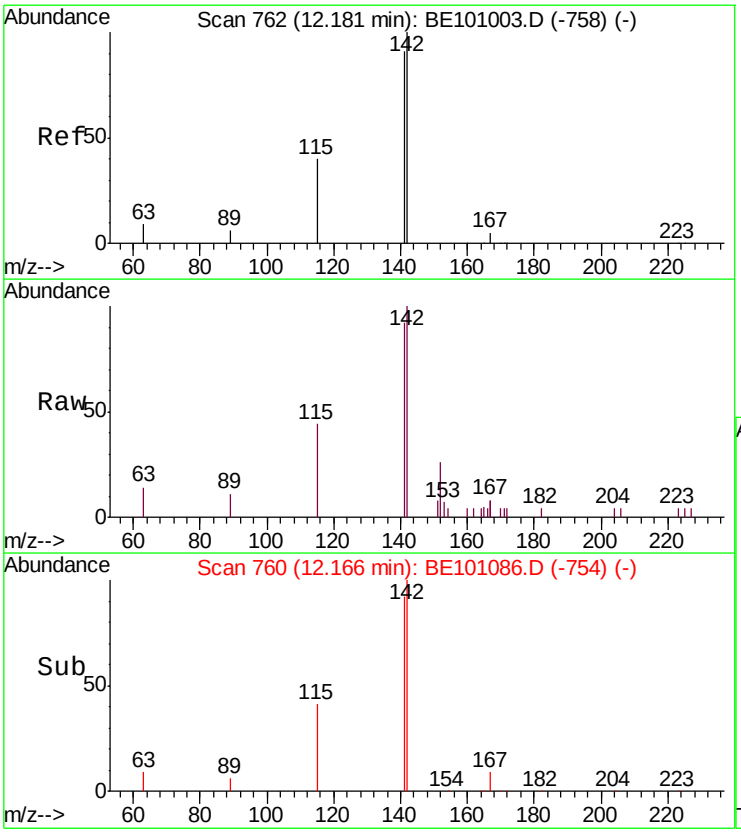
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5629

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

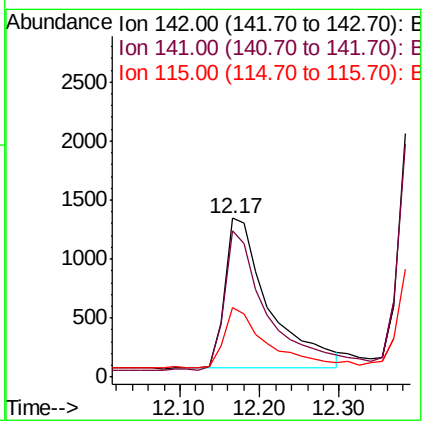


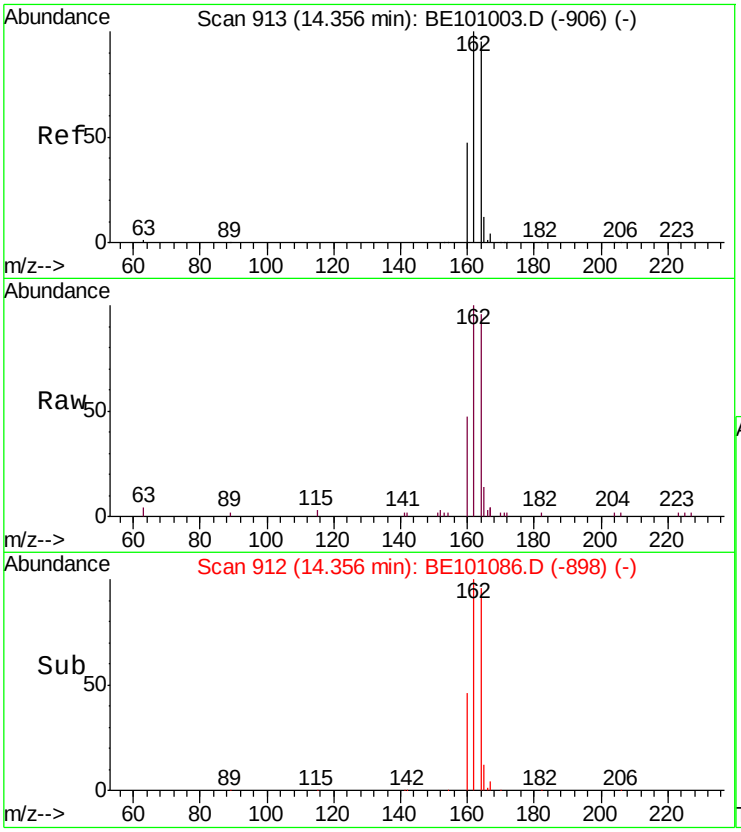


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:142 Resp: 4901

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.5	108.7
115	44.0	33.0	49.6



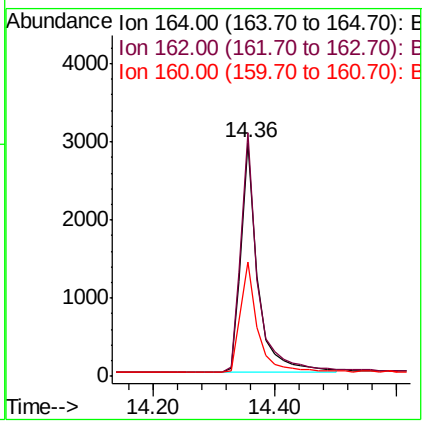


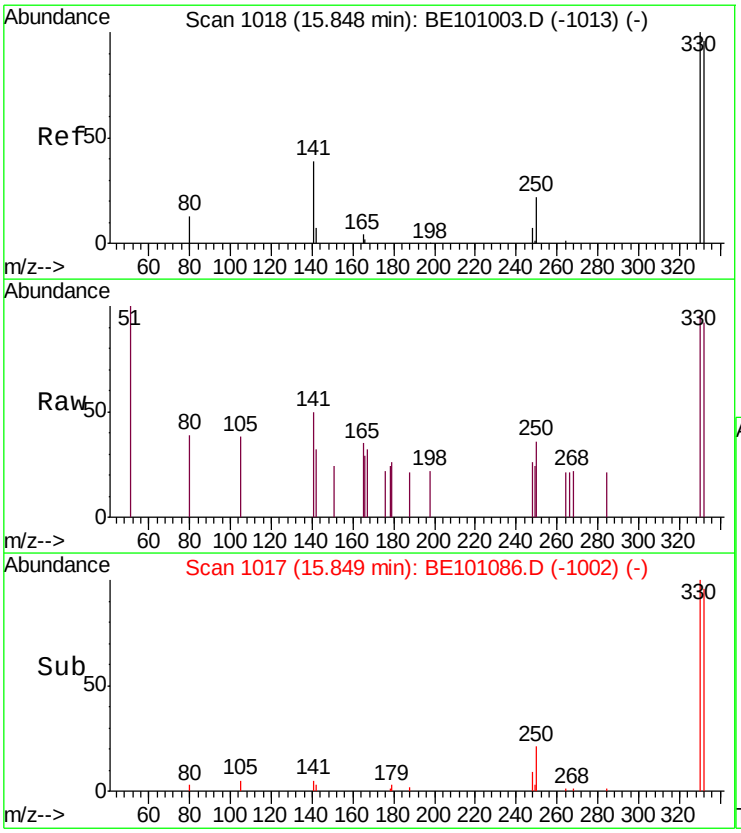
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5673

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.1	126.1
160	49.1	40.4	60.6

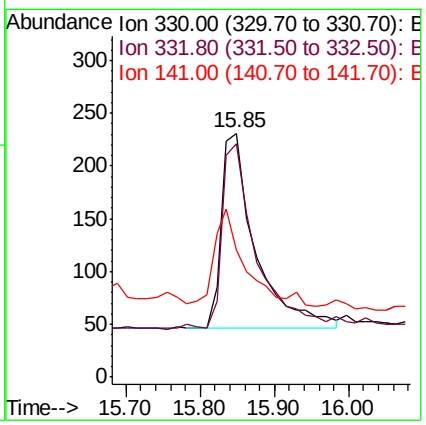


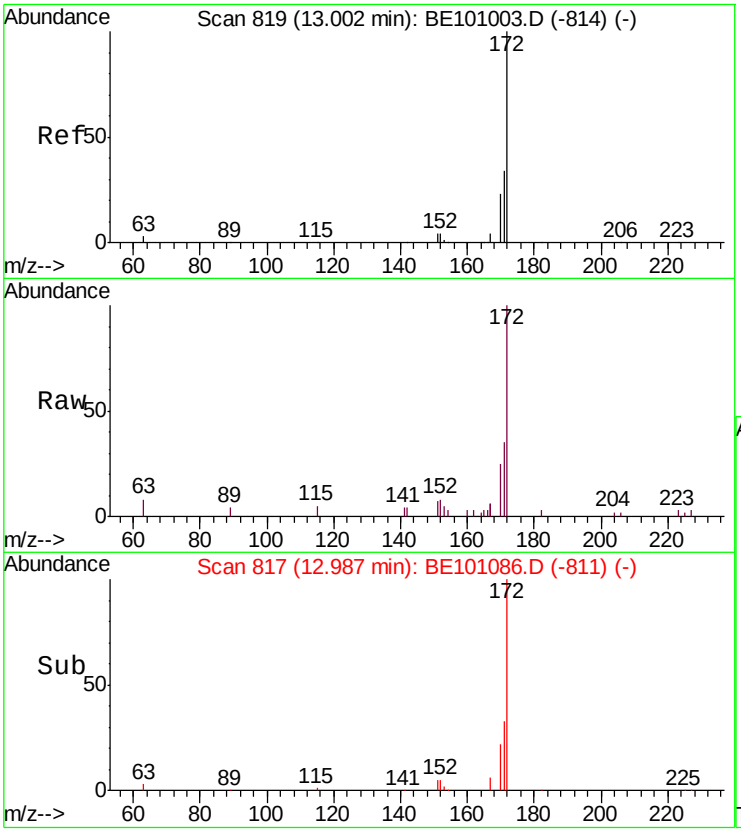


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:330 Resp: 594

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	45.5	37.0	55.4



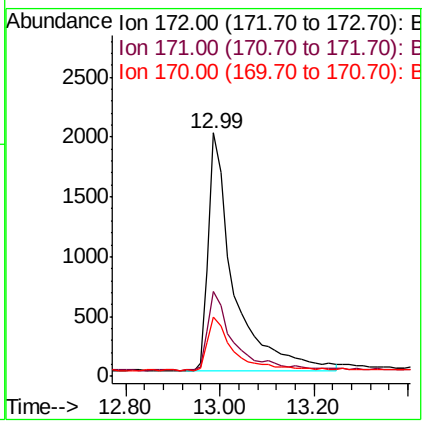


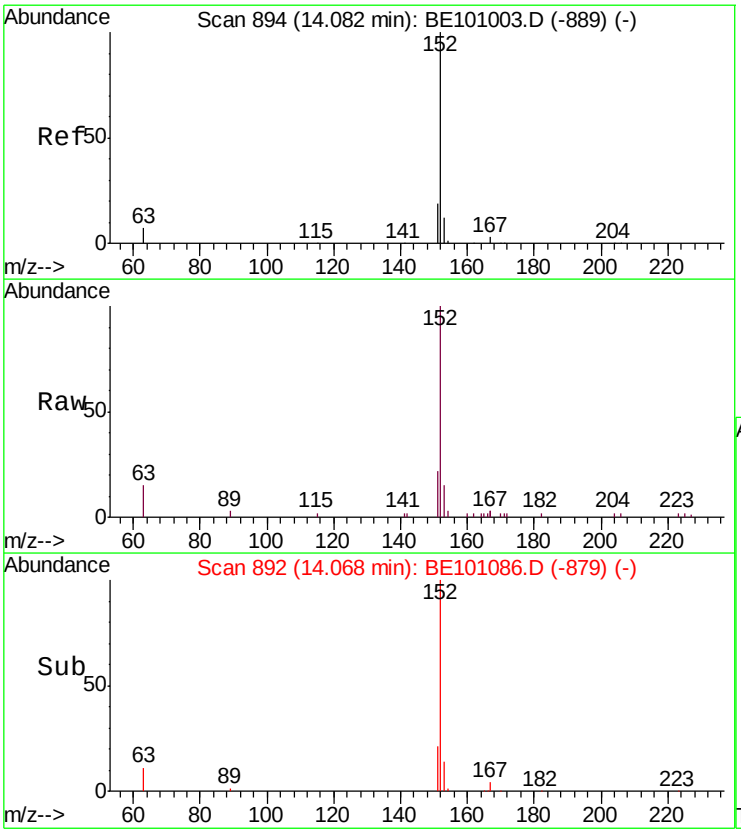
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7422

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	24.6	18.9	28.3

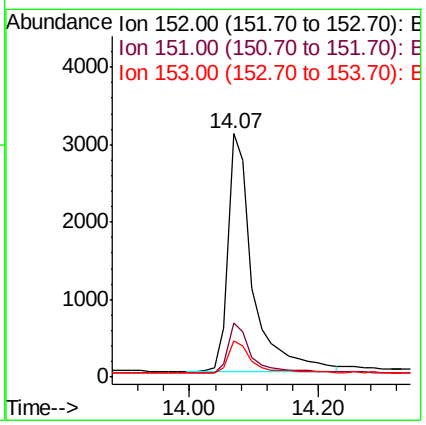


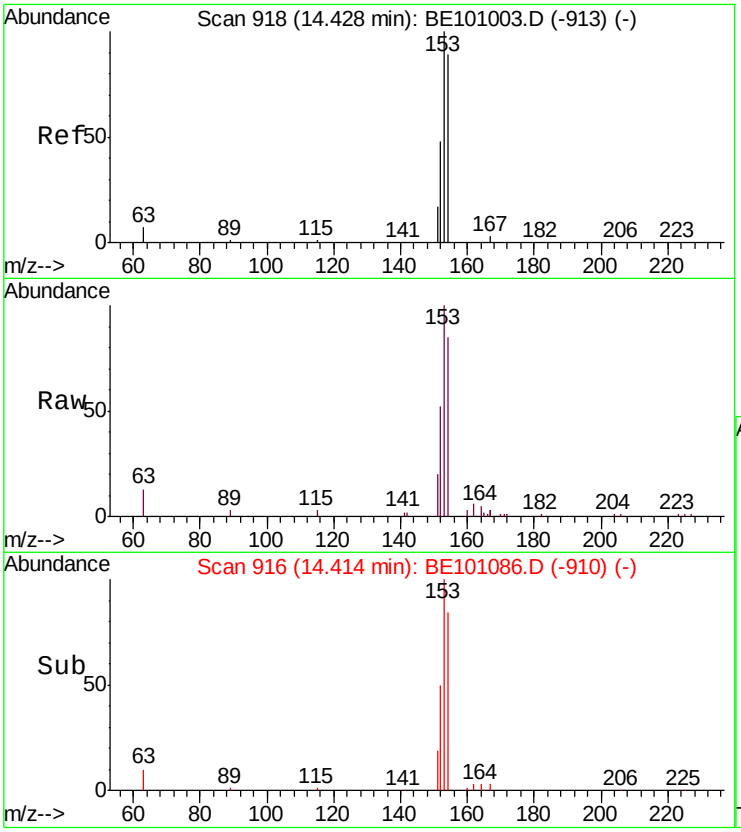


#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:152 Resp: 8230

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.1	10.4	15.6



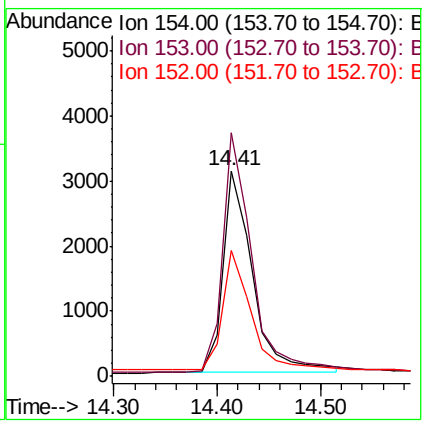


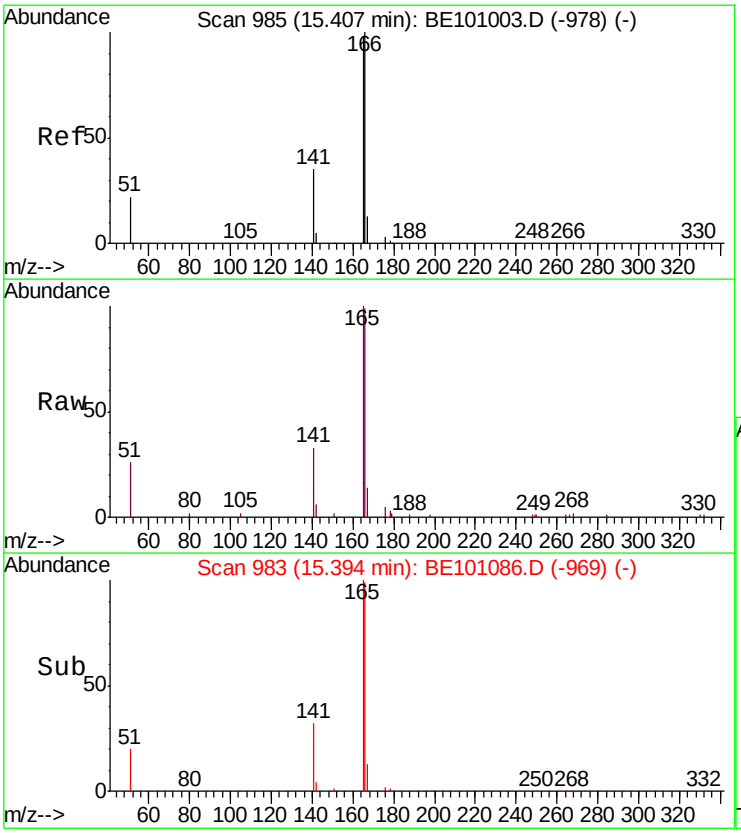
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6187

Ion	Ratio	Lower	Upper
154	100		
153	117.2	93.6	140.4
152	56.5	46.3	69.5

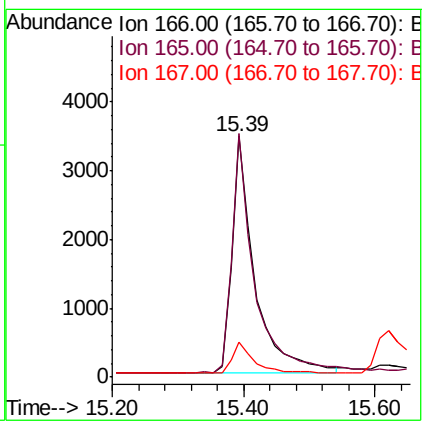


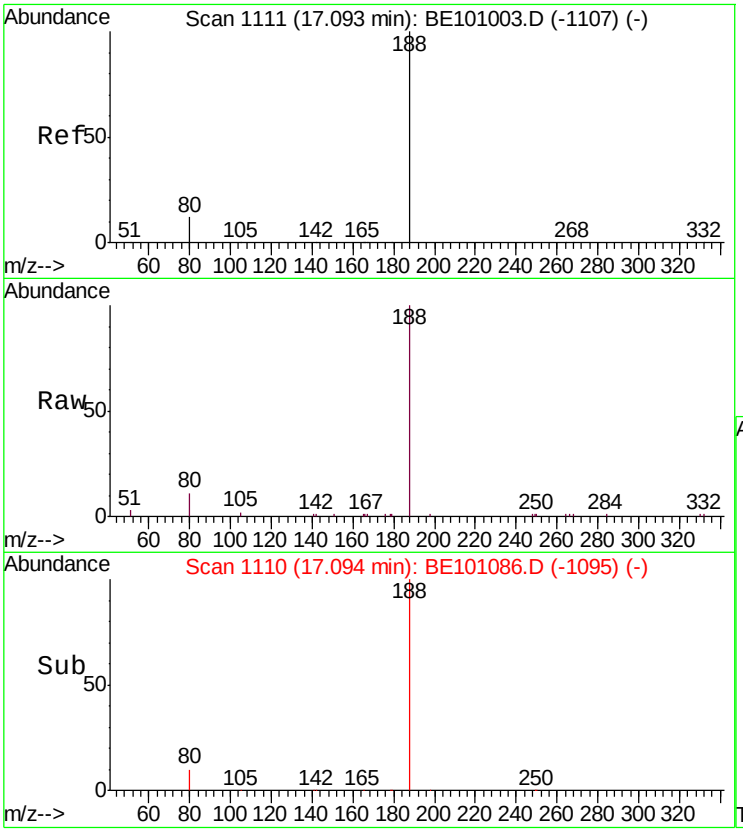


#18
Fluorene
Concen: 0.402 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:166 Resp: 8407

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.4	11.0	16.6



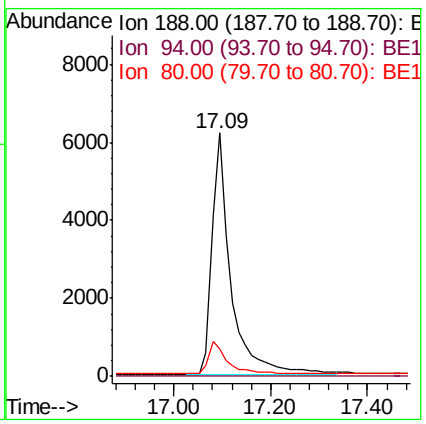


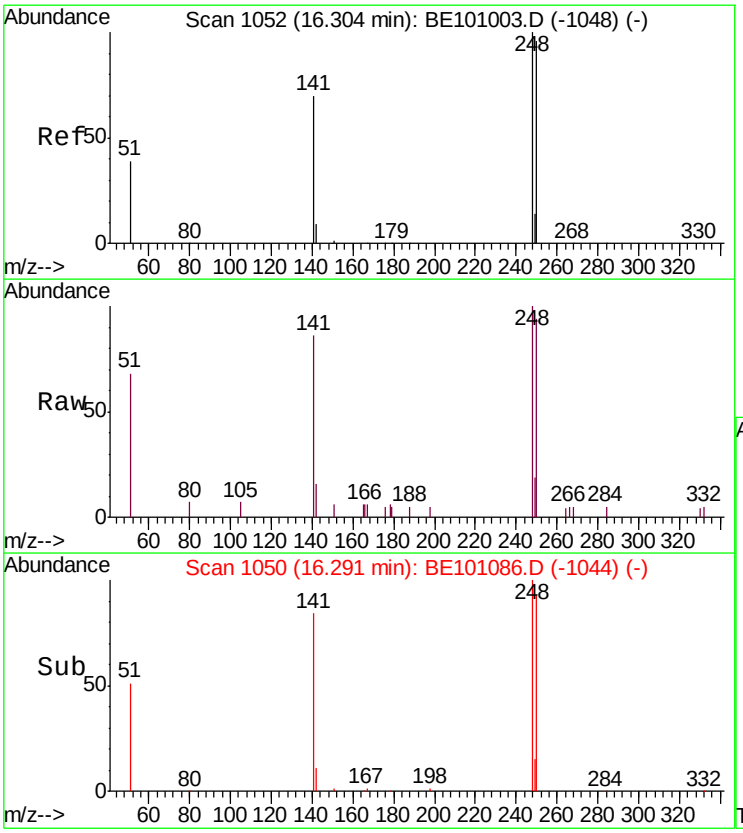
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16655

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	10.8	16.2

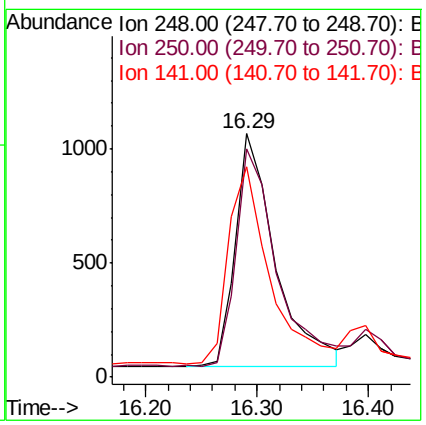


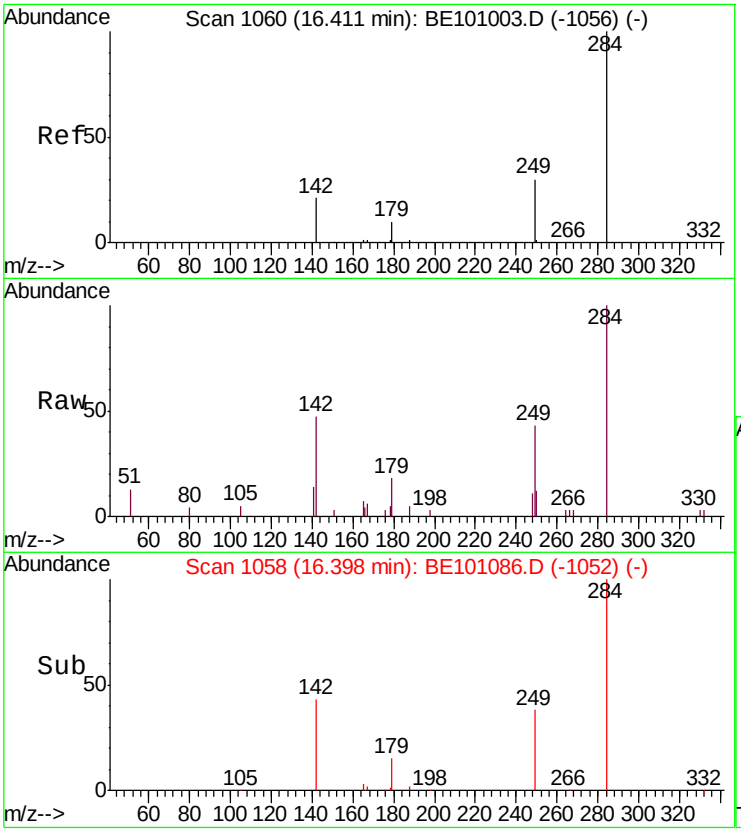


#20
4-Bromophenyl-phenylether
Concen: 0.313 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:248 Resp: 2545

Ion	Ratio	Lower	Upper
248	100		
250	93.7	76.6	115.0
141	86.3	57.7	86.5



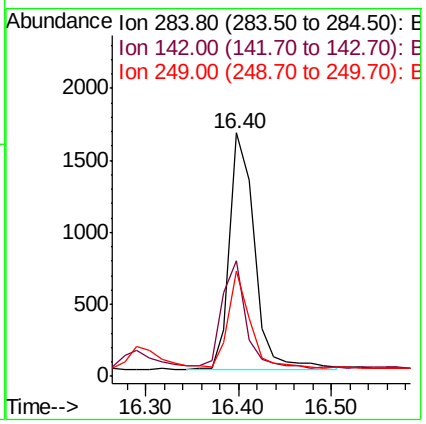


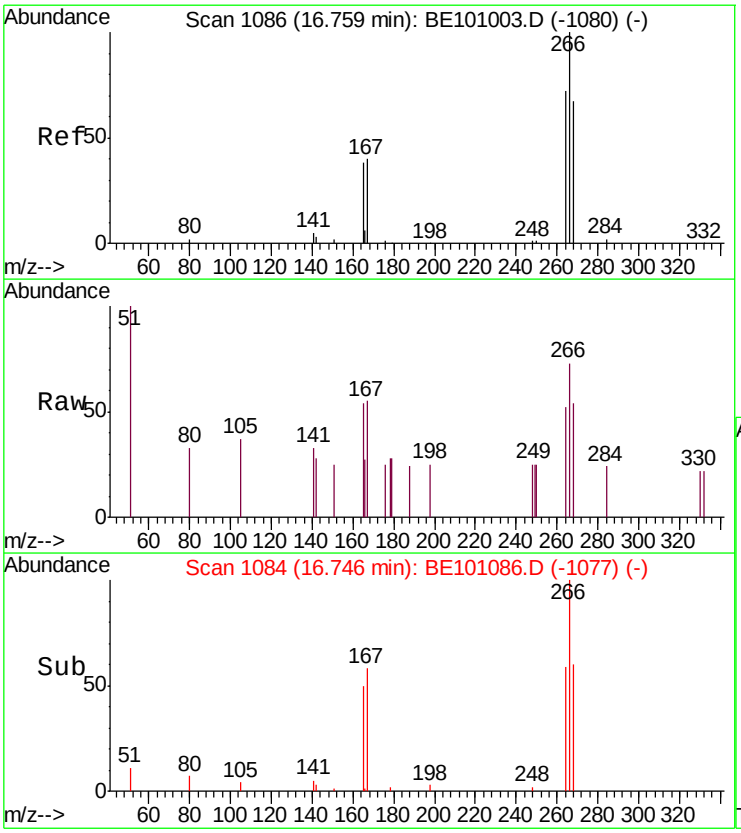
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3052

Ion	Ratio	Lower	Upper
284	100		
142	41.7	34.0	51.0
249	35.0	28.2	42.4

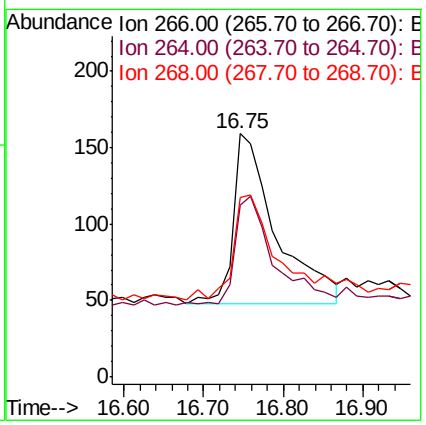


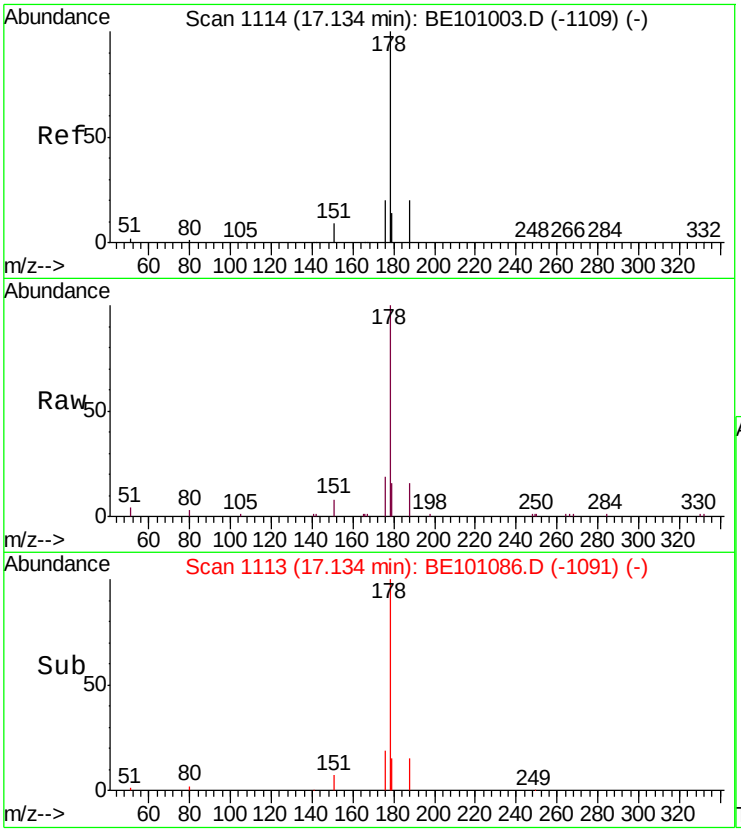


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:266 Resp: 418

Ion	Ratio	Lower	Upper
266	100		
264	70.4	61.0	91.4
268	73.6	58.5	87.7



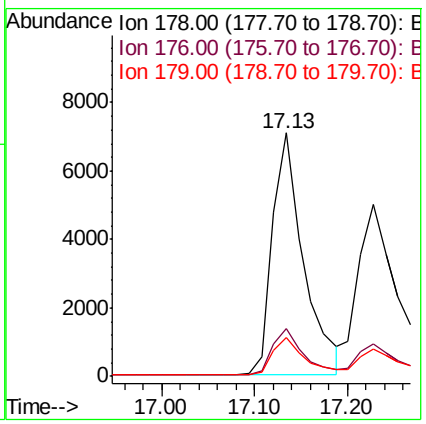


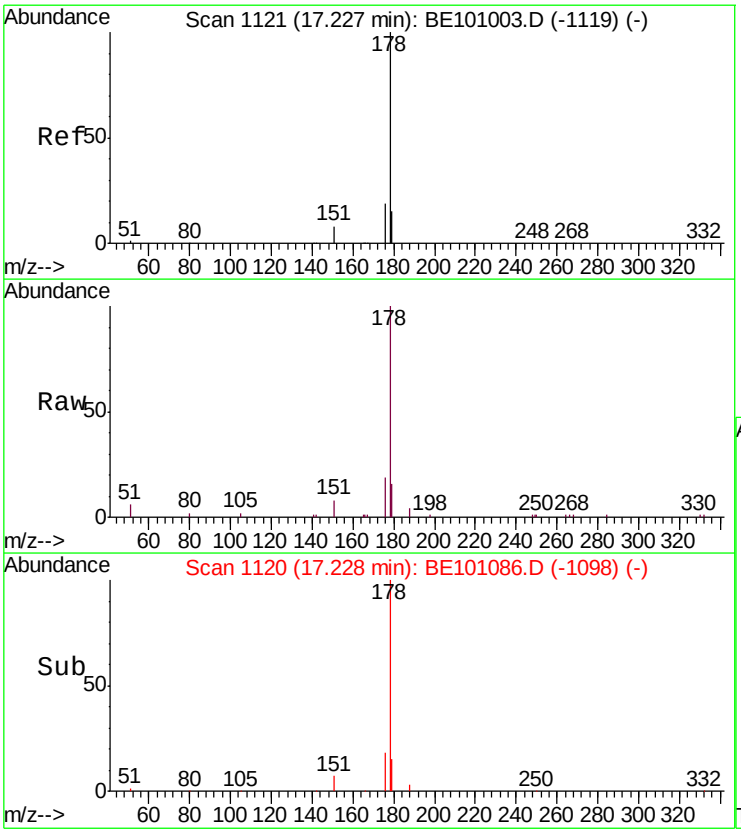
#23
Phenanthrene
Concen: 0.361 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 16432

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.4	12.0	18.0

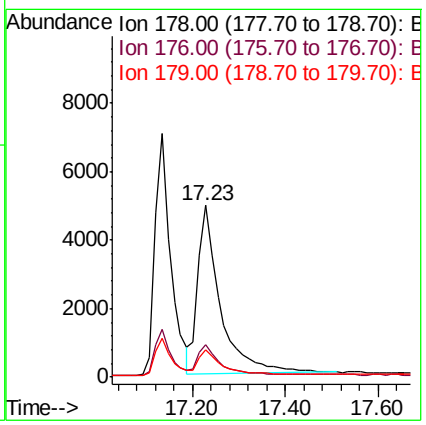


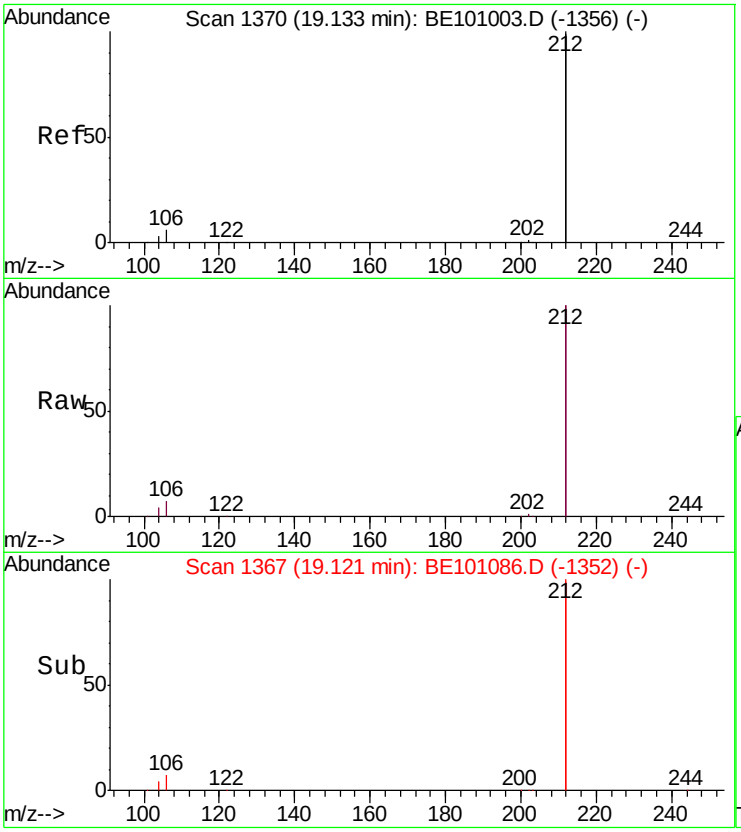


#24
Anthracene
Concen: 0.388 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:178 Resp: 16630

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	14.6	12.4	18.6



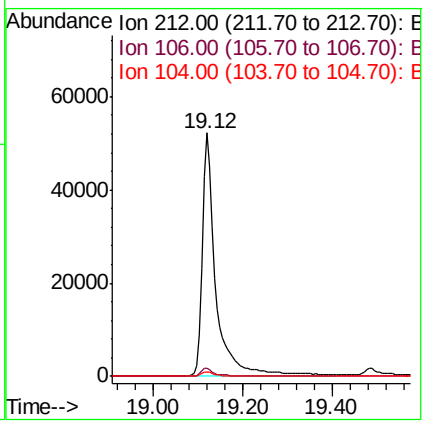


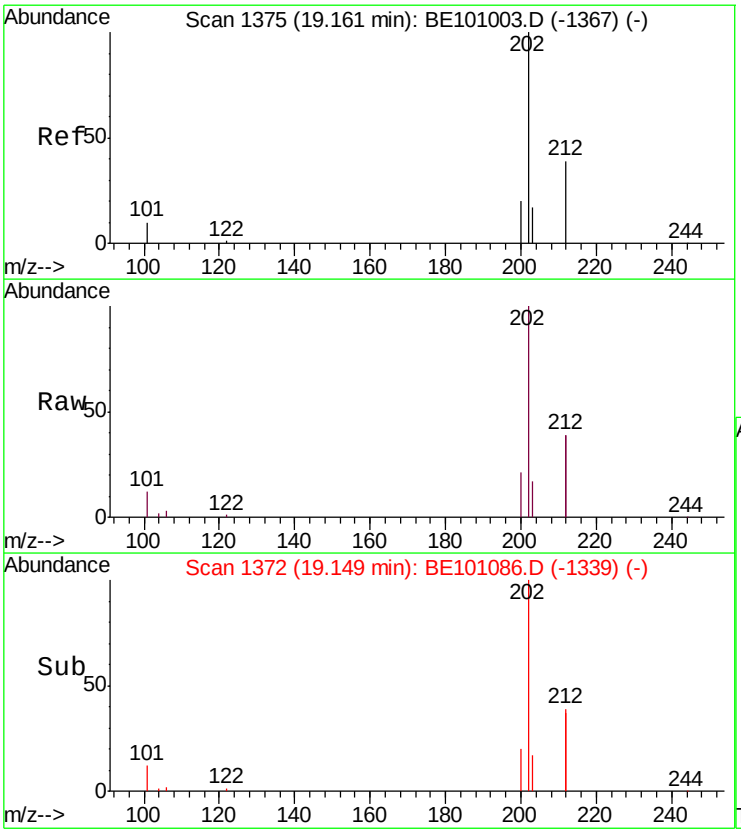
#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 107389

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

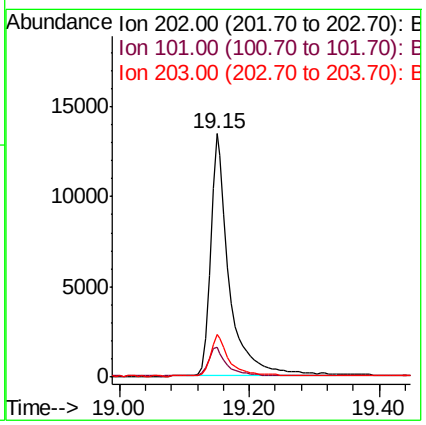


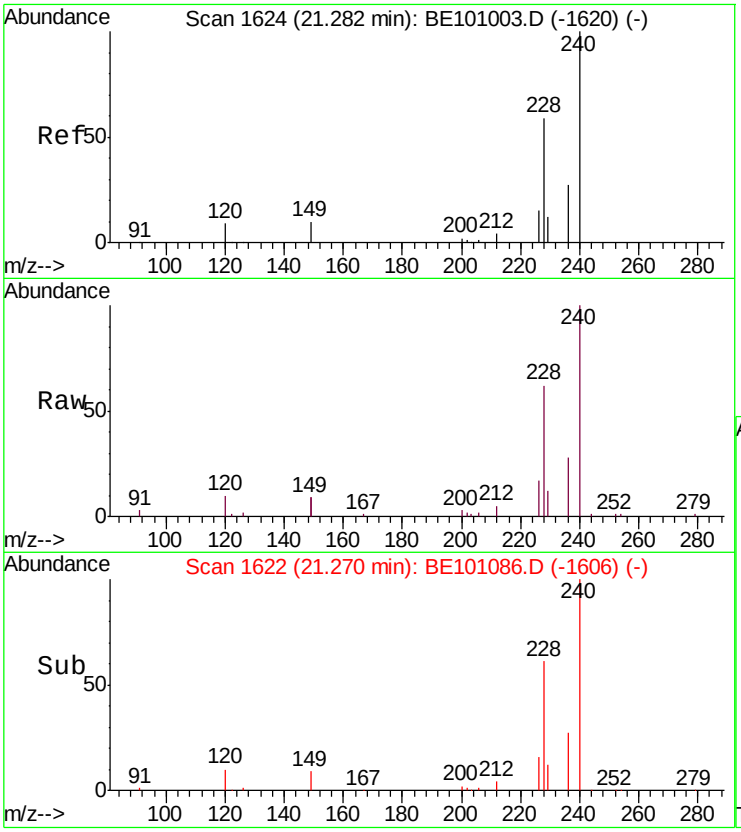


#26
Fluoranthene
Concen: 0.478 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:202 Resp: 27219

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	16.8	13.8	20.6



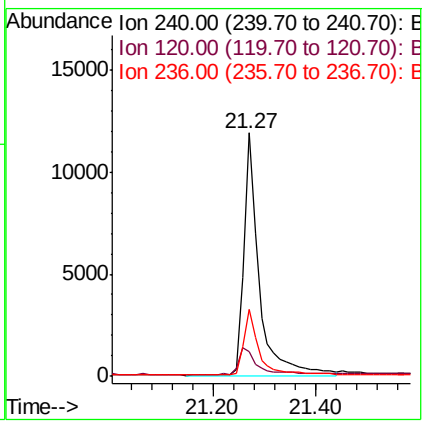


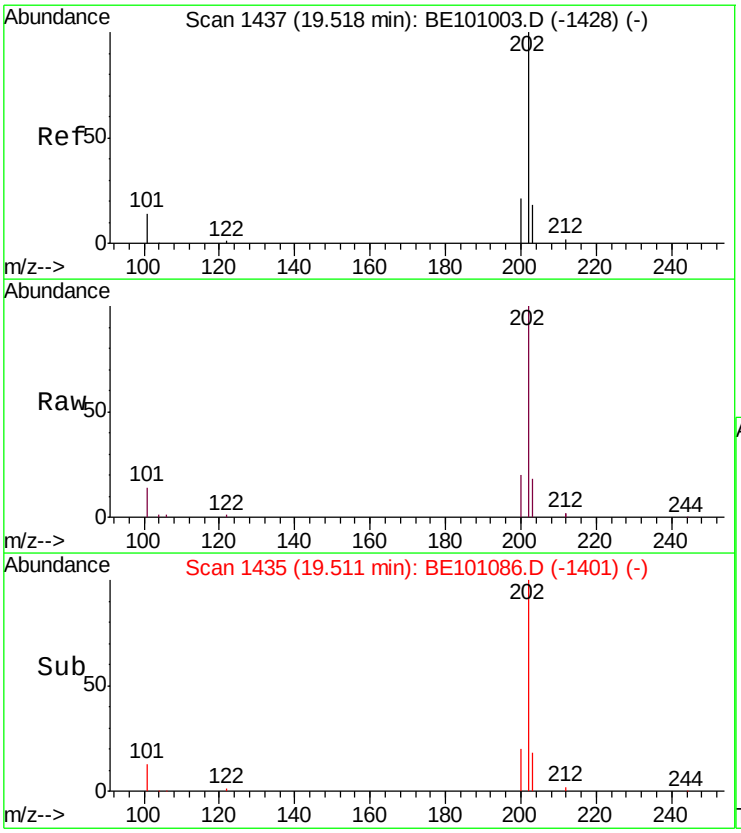
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 24118

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	27.6	22.2	33.4

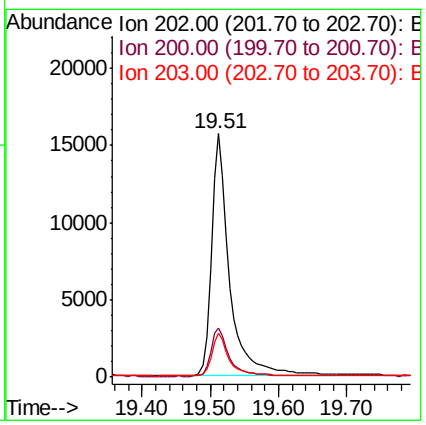


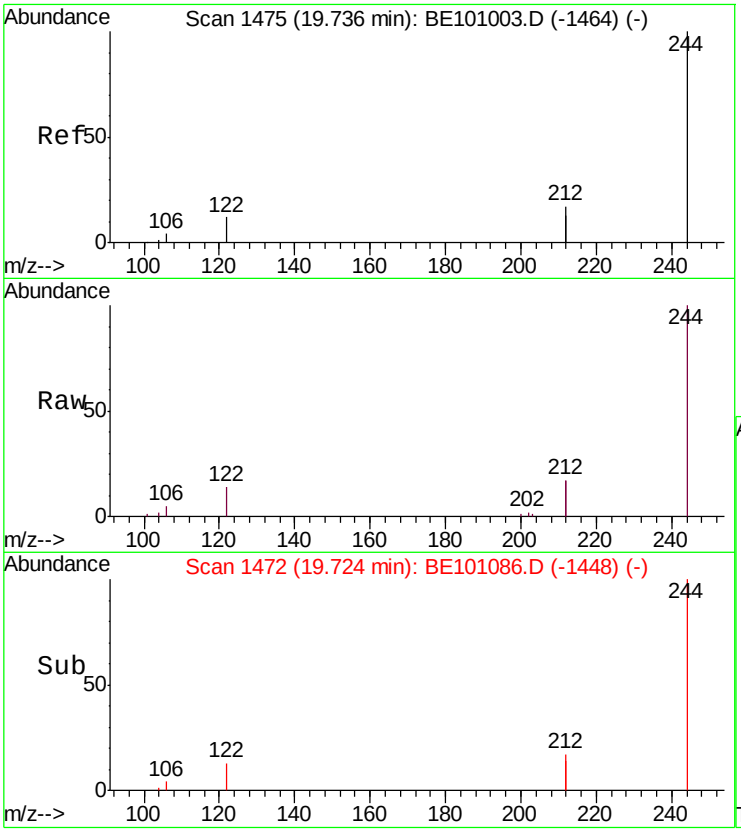


#28
Pyrene
Concen: 0.323 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:202 Resp: 28956

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.4	13.8	20.6



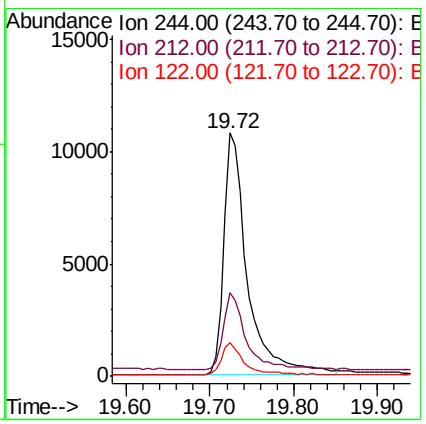


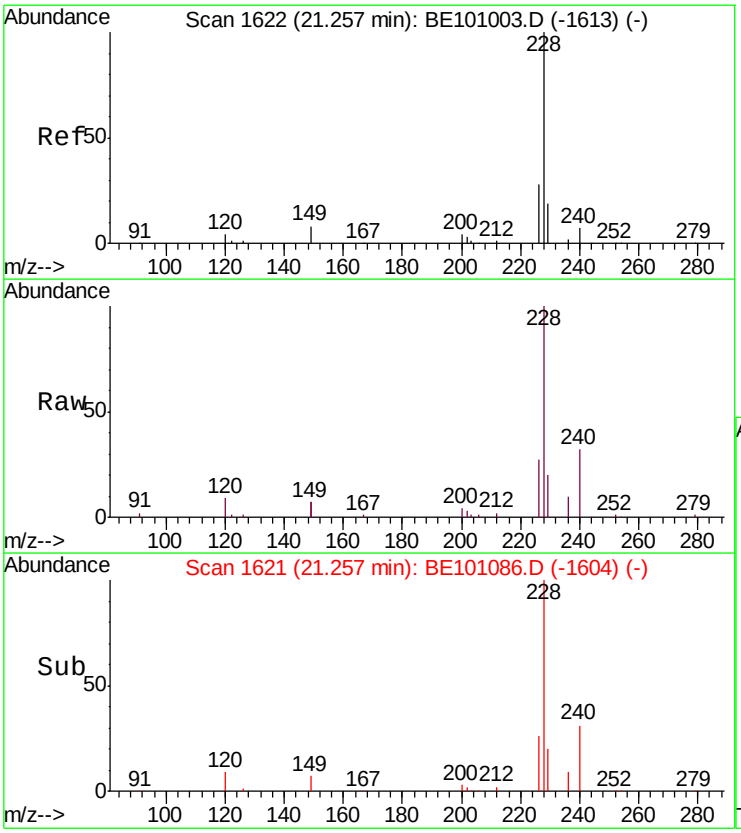
#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 21394

Ion	Ratio	Lower	Upper
244	100		
212	34.2	27.2	40.8
122	13.9	9.8	14.8

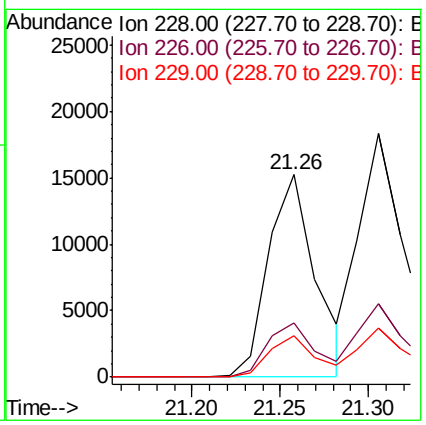


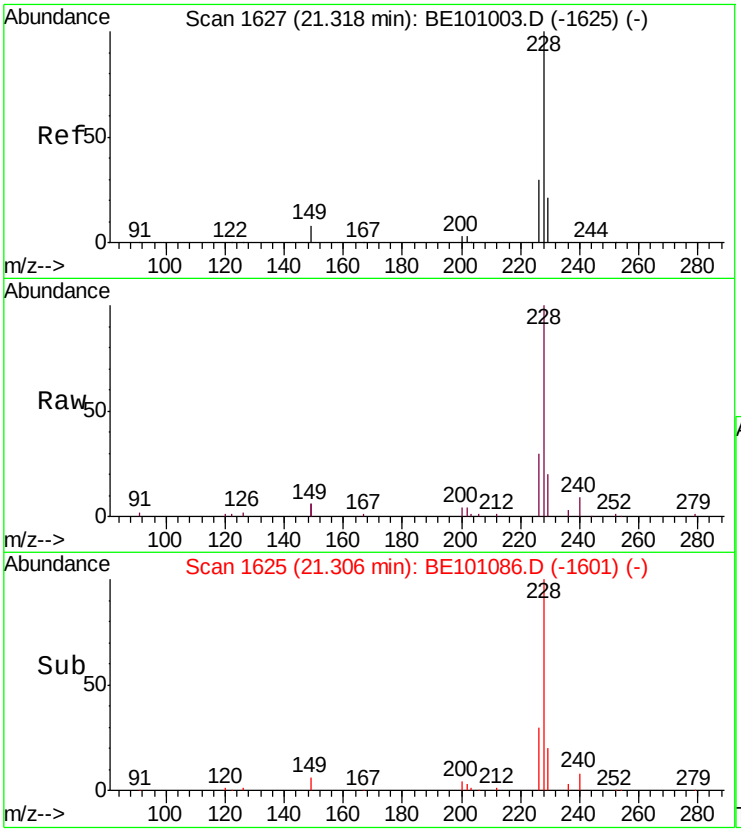


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:228 Resp: 28158

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	20.2	15.5	23.3



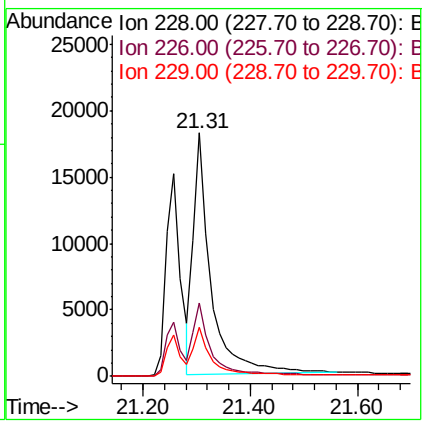


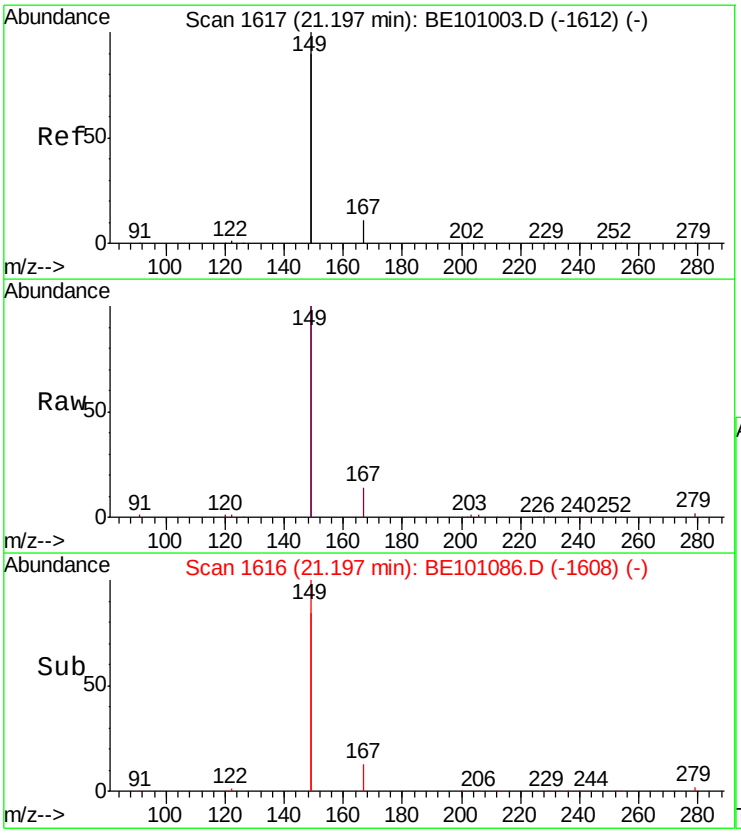
#31
Chrysene
Concen: 0.404 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41300

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.0	16.7	25.1

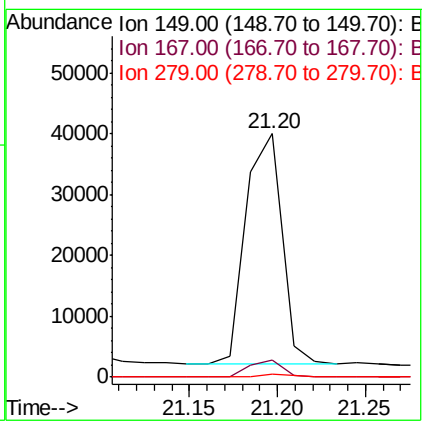


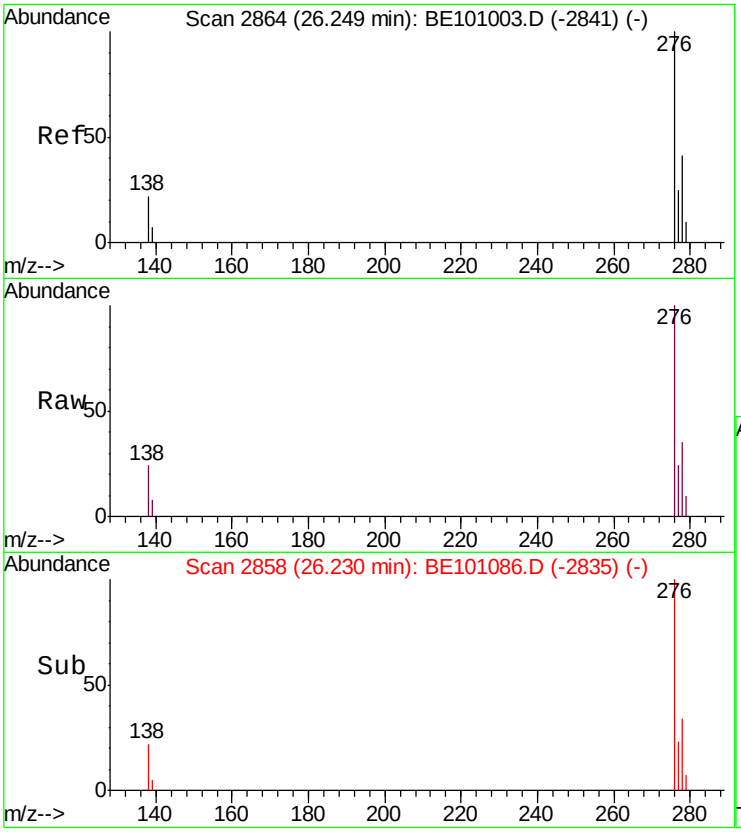


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.466 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:149 Resp: 53477

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.0	0.8	1.2



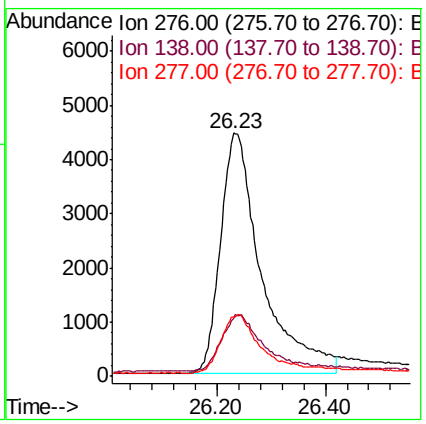


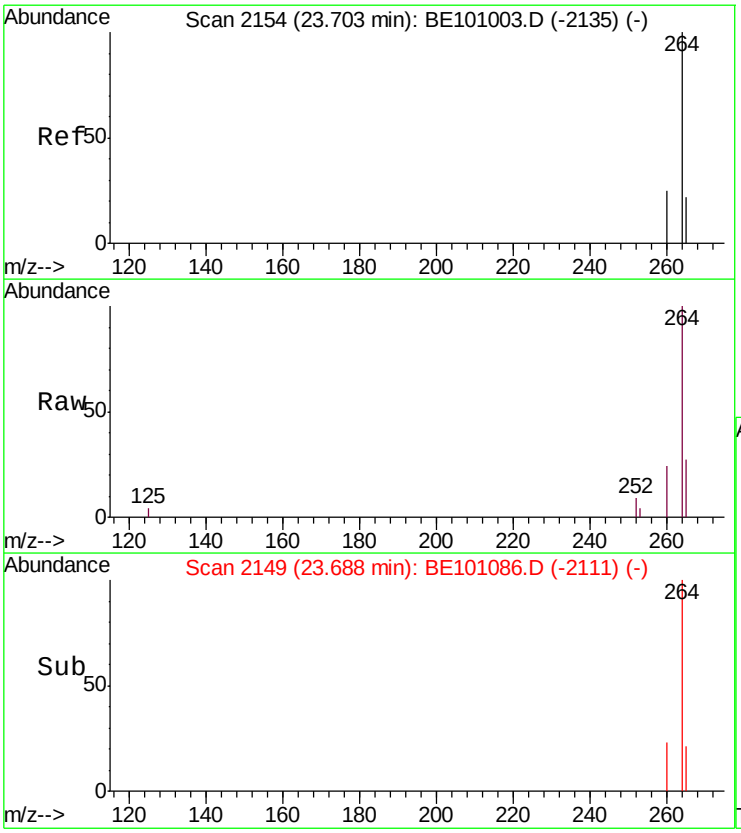
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23292

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.1	24.1
277	24.0	18.1	27.1

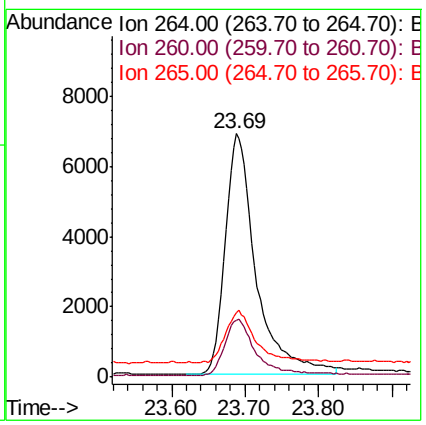


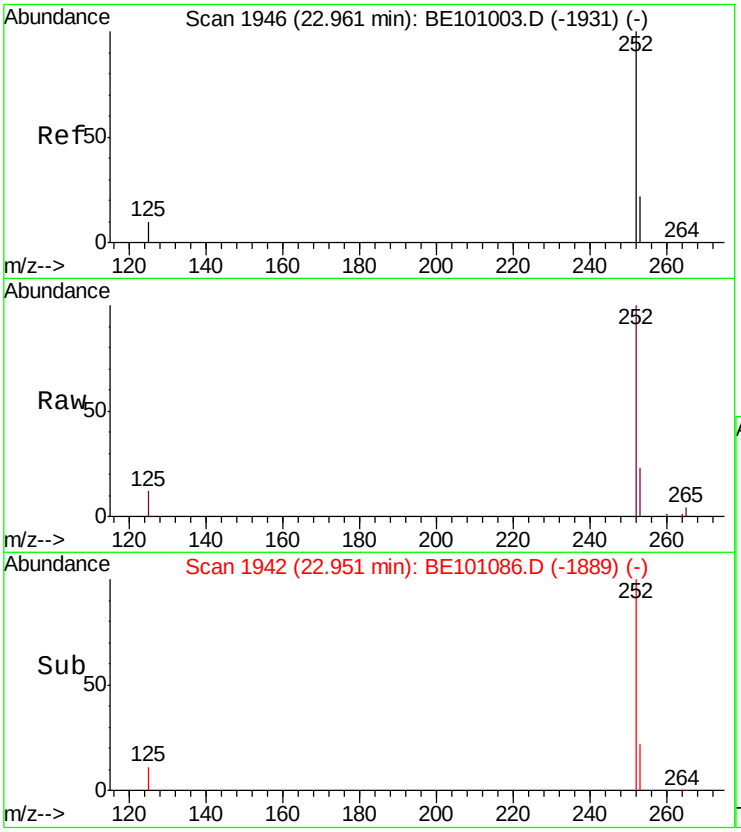


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:264 Resp: 20217

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	26.7	27.0	40.4#



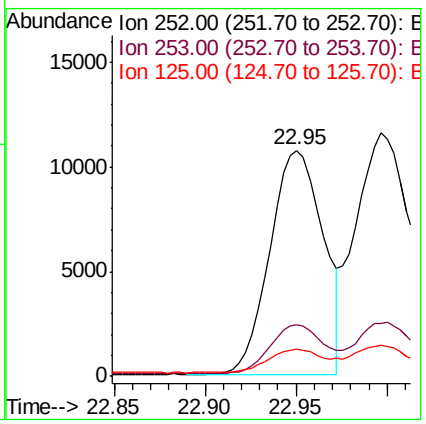


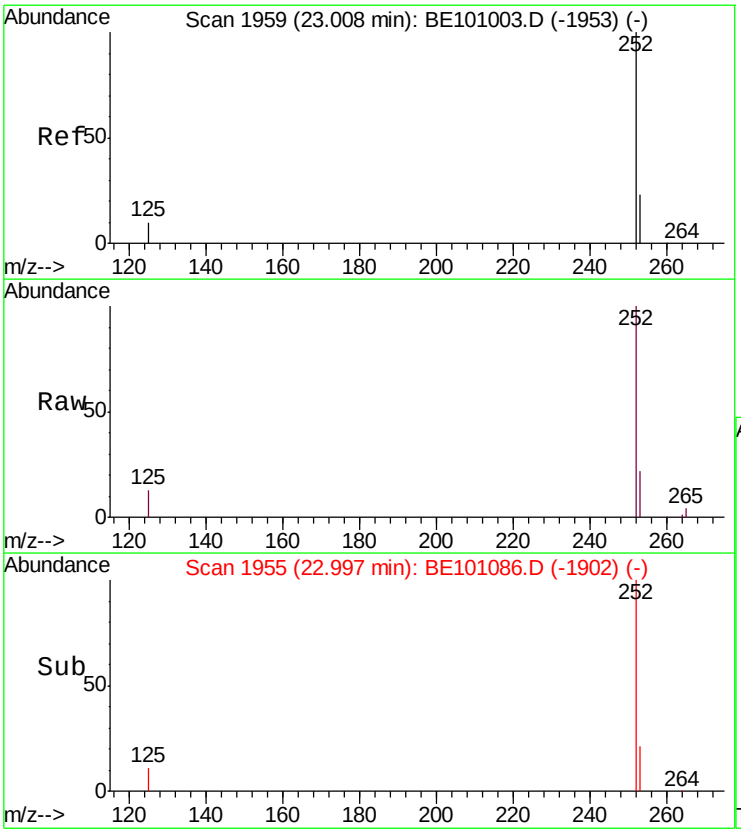
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21643

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	12.1	9.5	14.3

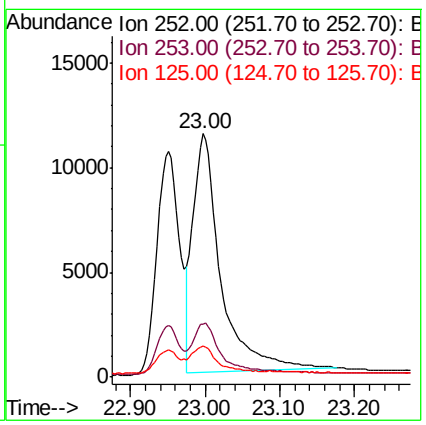


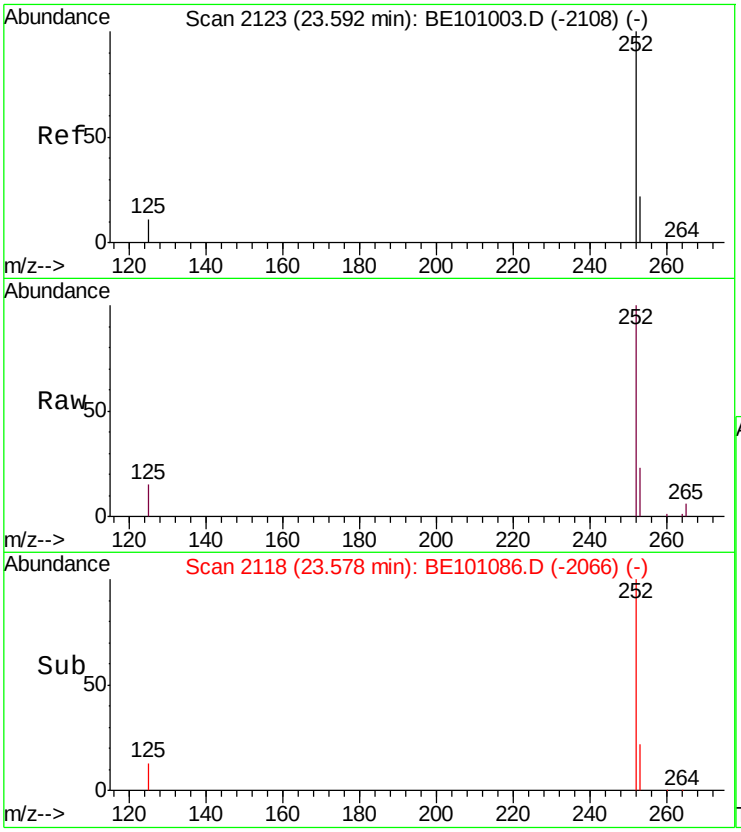


#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:252 Resp: 29437

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	12.8	10.1	15.1



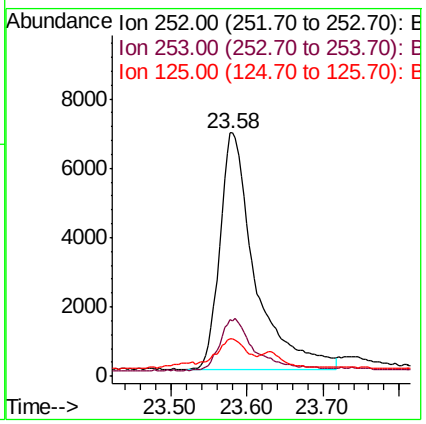


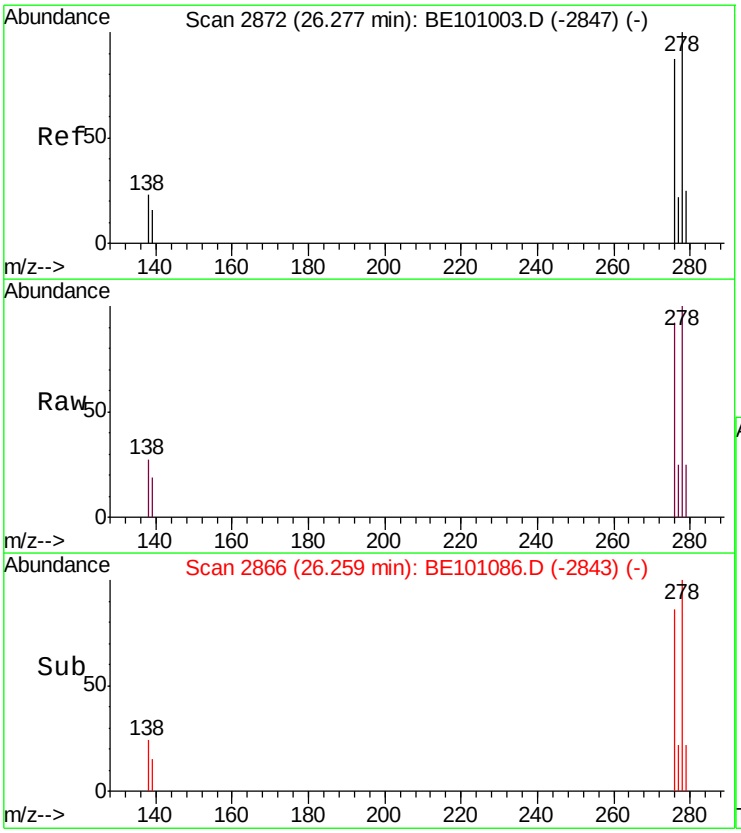
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.58 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21815

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	15.3	11.8	17.6

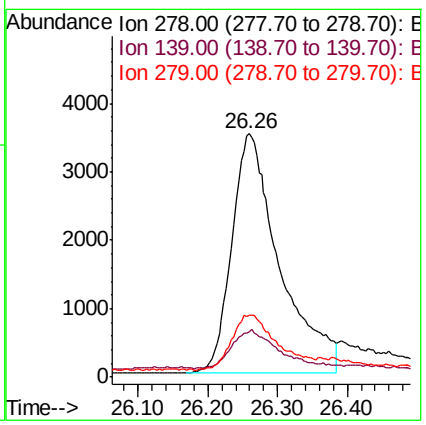


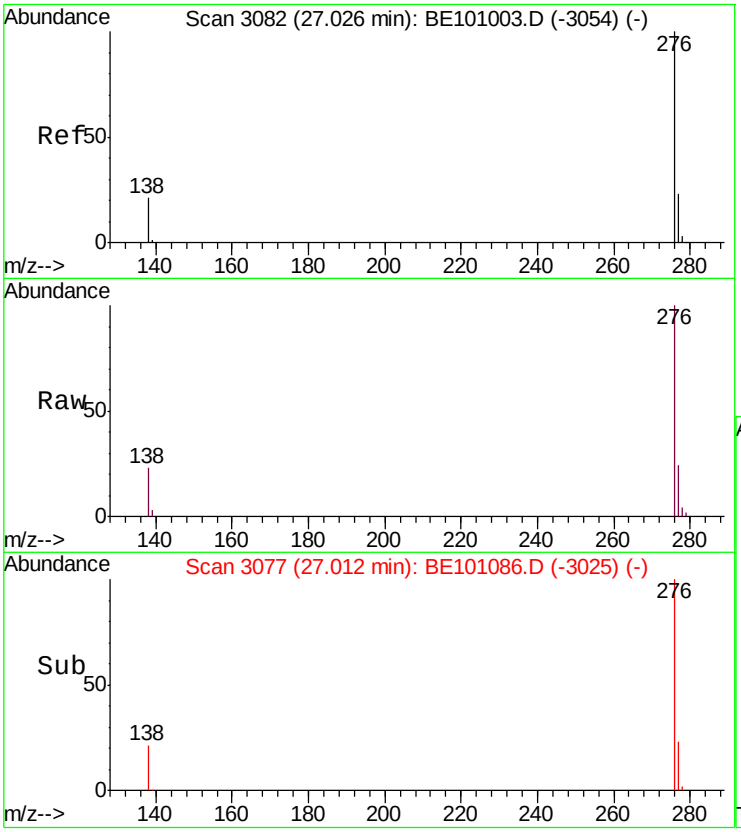


#38
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 26.26 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Tgt Ion:278 Resp: 16696

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.0	22.4
279	25.3	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 0.319 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BE101086.D
Acq: 17 Jan 2020 15:53

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19792

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	22.8	17.9	26.9