Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011120\

Quantitation Report (Not Reviewed)

Data File : BE101033.D
Acq On : 10 Jan 2020 21:20
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 11 00:54:30 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	3114	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	15115	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	8966	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19411	0.40	ng		0.00
27) Chrysene-d12	21.27	240	18822	0.40	ng		-0.01
34) Perylene-d12	23.69	264	21480	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2467	0.35	ng		0.00
5) Phenol-d6	6.92	99	2896	0.33	ng		0.00
8) Nitrobenzene-d5	8.89	82	2465	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	11316	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	606	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	13565	0.40	ng		0.00
25) Fluoranthene-d10	19.13	212	96908	0.36	ng		0.00
29) Terphenyl-d14	19.74	244	15327	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	3065	0.412	ng		100
3) n-Nitrosodimethylamine	3.61	42	1340	0.310	ng	#	81
6) bis(2-Chloroethyl)ether	7.16	93	3234	0.306	ng	#	96
9) Naphthalene	10.55	128	65633	0.391	ng		100
10) Hexachlorobutadiene	10.85	225	2829	0.398	ng		97
12) 2-Methylnaphthalene	12.18	142	9554	0.376	ng		99
16) Acenaphthylene	14.08	152	11367	0.311	ng		99
17) Acenaphthene	14.43	154	10247	0.392	ng		98
18) Fluorene	15.41	166	12744	0.386	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	3455	0.365	ng		97
21) Hexachlorobenzene	16.41	284	4113	0.396	ng		98
22) Pentachlorophenol	16.76	266	496	0.386	ng		95
23) Phenanthrene	17.13	178	20022	0.378	ng		99
24) Anthracene	17.23	178	18097	0.362	ng		100
26) Fluoranthene	19.16	202	23662	0.356	ng		99
28) Pyrene	19.52	202	23684	0.338	ng		100
30) Benzo(a)anthracene	21.26	228	18512	0.345	ng		100
31) Chrysene	21.31	228	35527	0.445	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	44436	0.497	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	29125	0.462	ng		93
35) Benzo(b)fluoranthene	22.95	252	19531	0.324	ng		99
36) Benzo(k)fluoranthene	22.95	252	19531	0.224	ng		99
37) Benzo(a)pyrene	23.59	252	23207	0.398	ng		98
38) Dibenzo(a,h)anthracene	26.26	278	19060	0.356	ng	#	15
39) Benzo(g,h,i)perylene	27.00	276	25212	0.383	ng		99

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

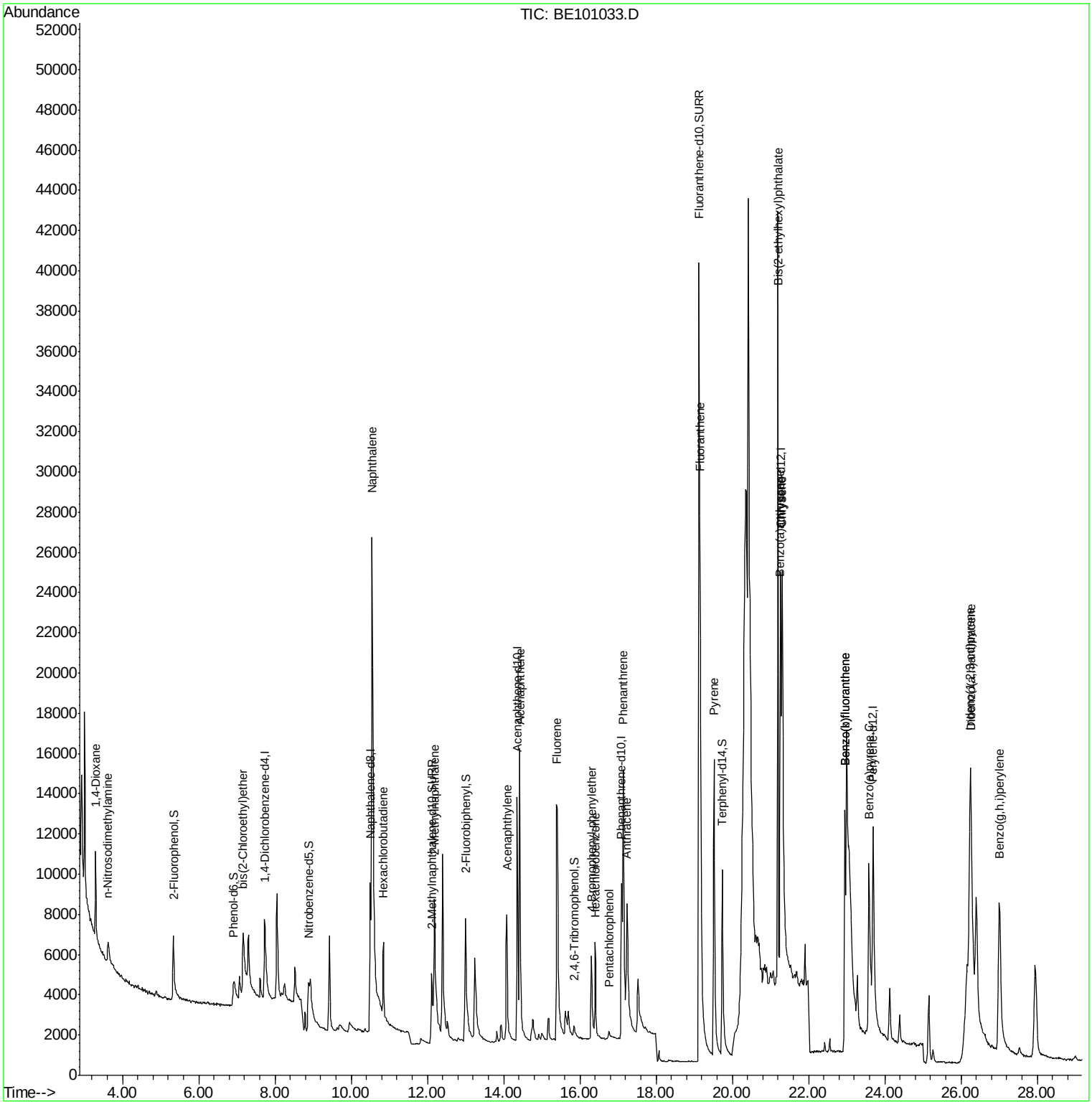
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011120\

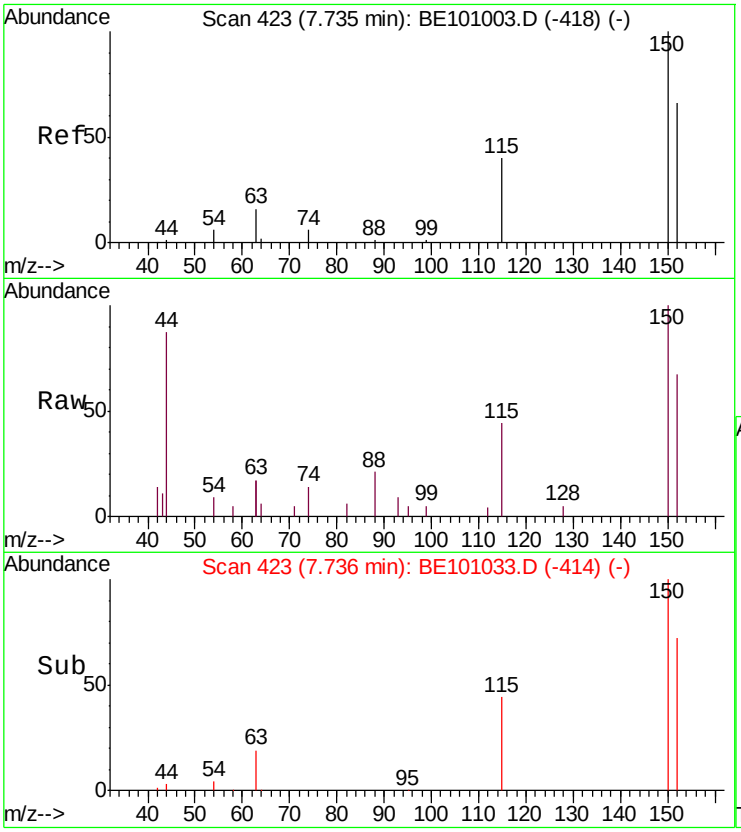
Quantitation Report (Not Reviewed)

Data File : BE101033.D
Acq On : 10 Jan 2020 21:20
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 11 00:54:30 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



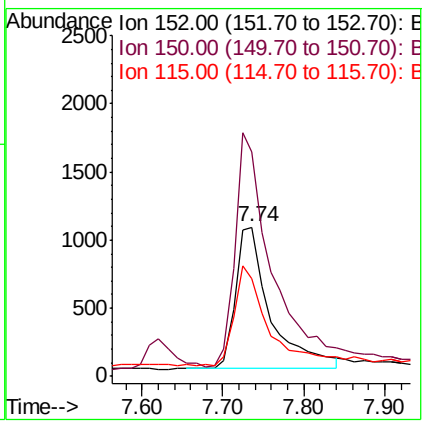


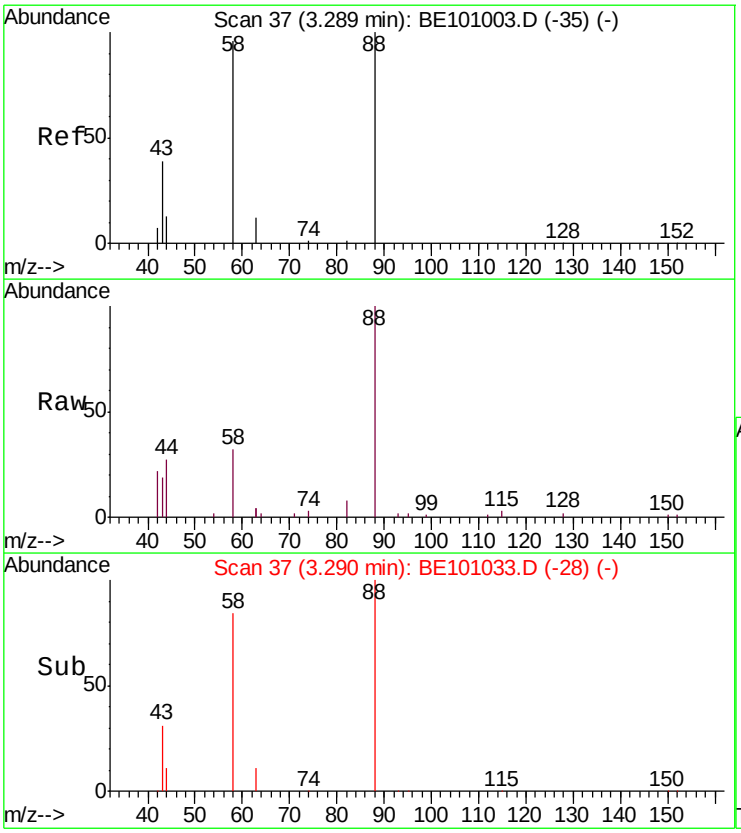
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3114

Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.3	180.5
115	65.9	51.7	77.5

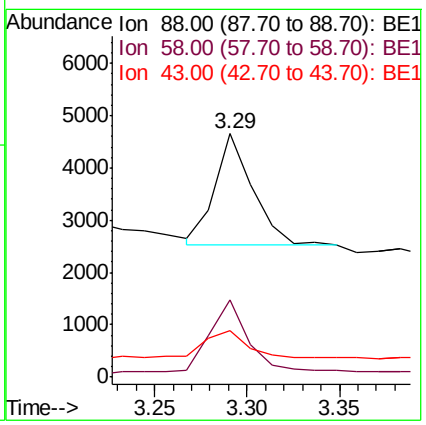


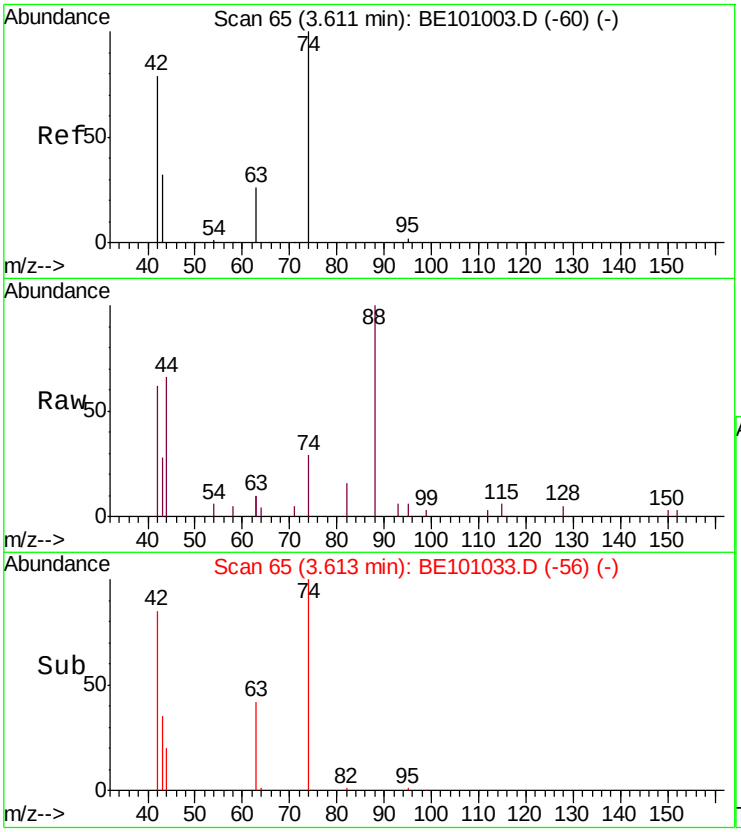


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion: 88 Resp: 3065

Ion	Ratio	Lower	Upper
88	100		
58	66.4	53.0	79.4
43	28.8	23.4	35.2



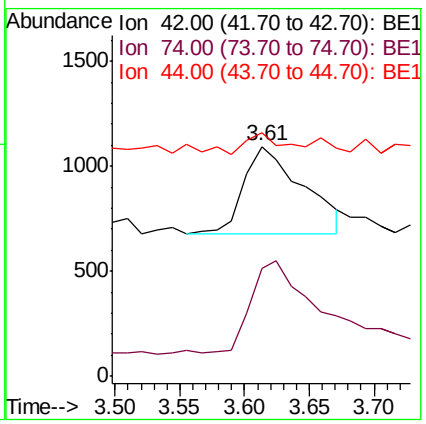


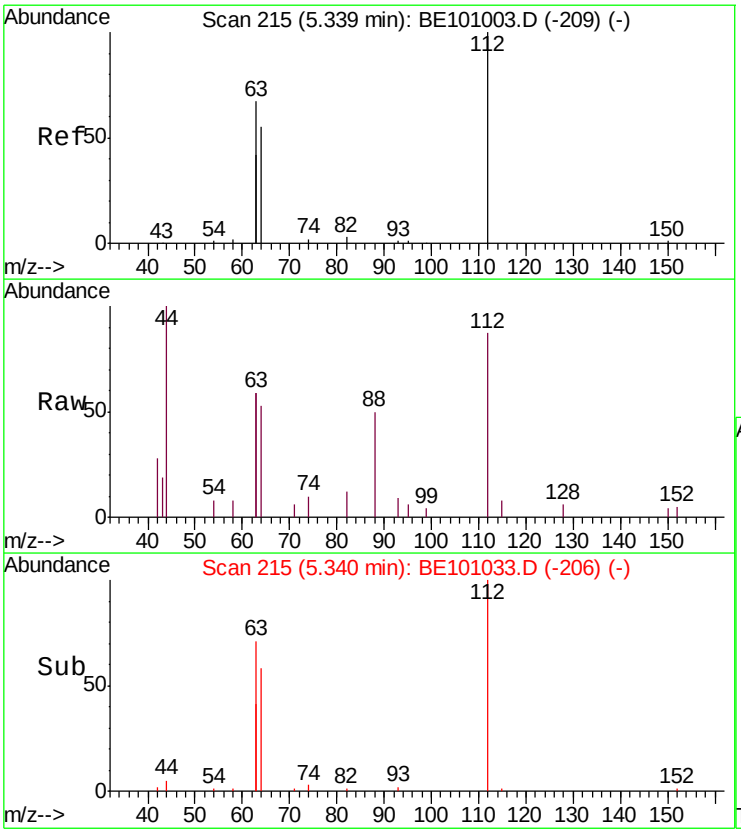
#3
n-Nitrosodimethylamine
Concen: 0.310 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1340

Ion	Ratio	Lower	Upper
42	100		
74	108.9	105.7	158.5
44	15.2	10.0	15.0#

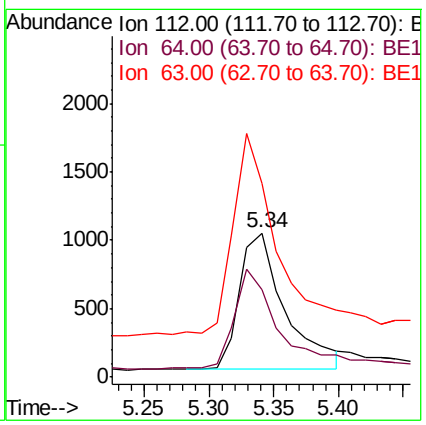


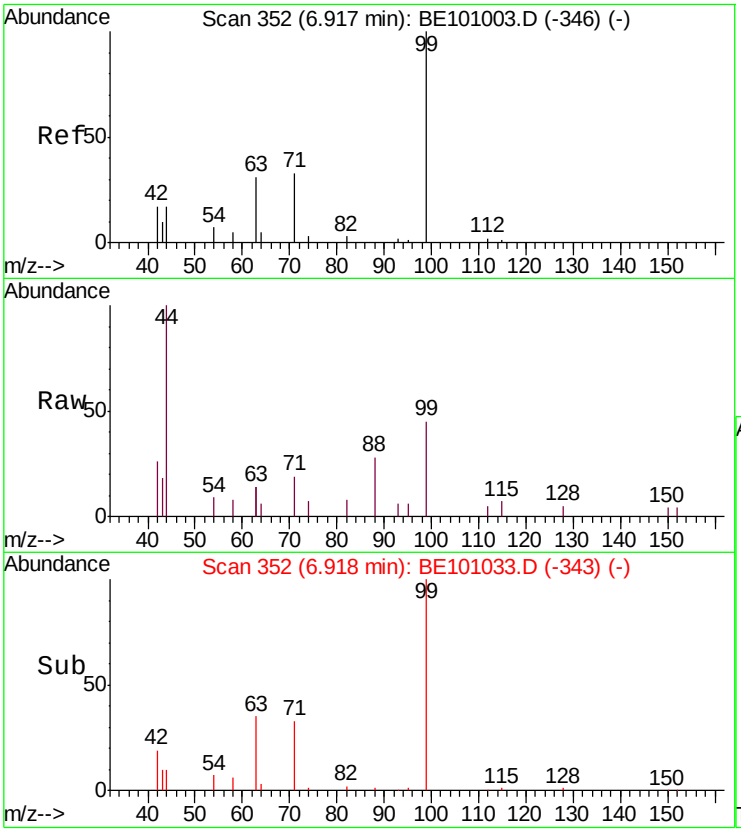


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:112 Resp: 2467

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.6	80.4
63	140.5	114.6	172.0



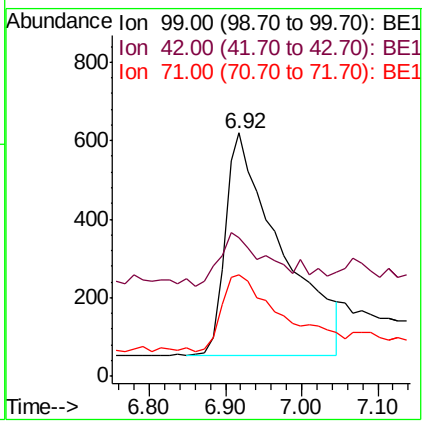


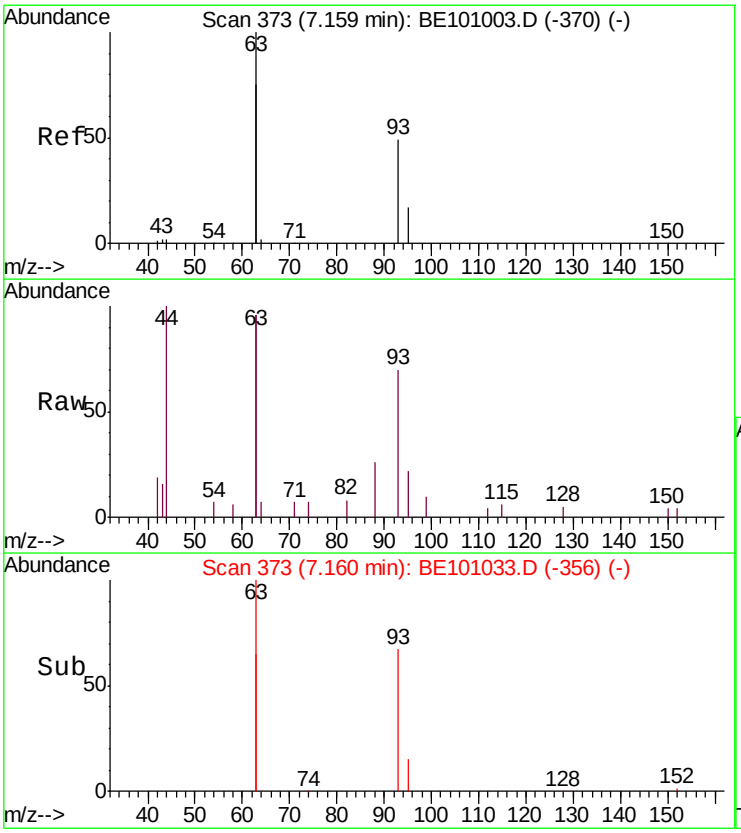
#5
Phenol-d6
Concen: 0.327 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2896

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.3	27.5
71	36.8	28.0	42.0

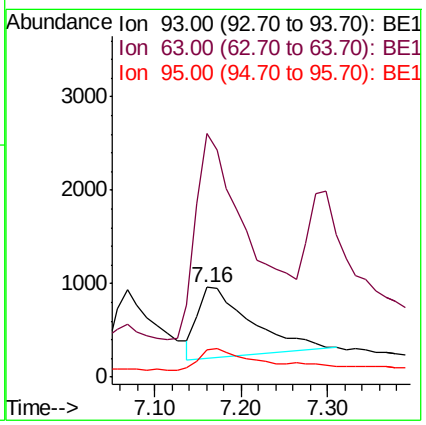


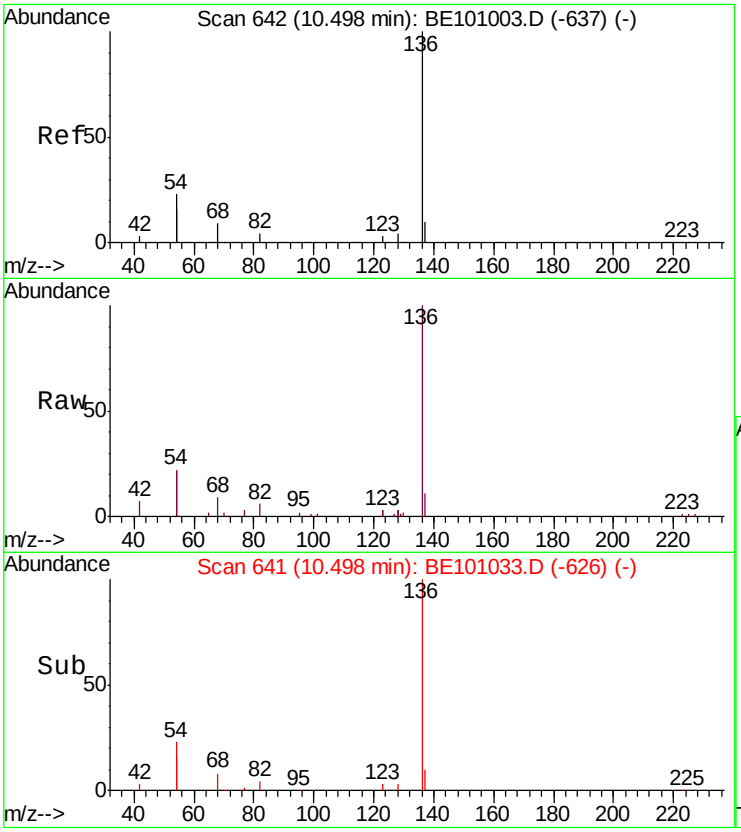


#6
bis(2-Chloroethyl)ether
Concen: 0.306 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion: 93 Resp: 3234

Ion	Ratio	Lower	Upper
93	100		
63	298.0	233.9	350.9
95	35.4	23.5	35.3#



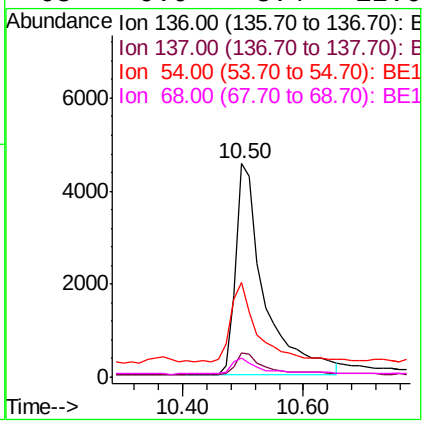


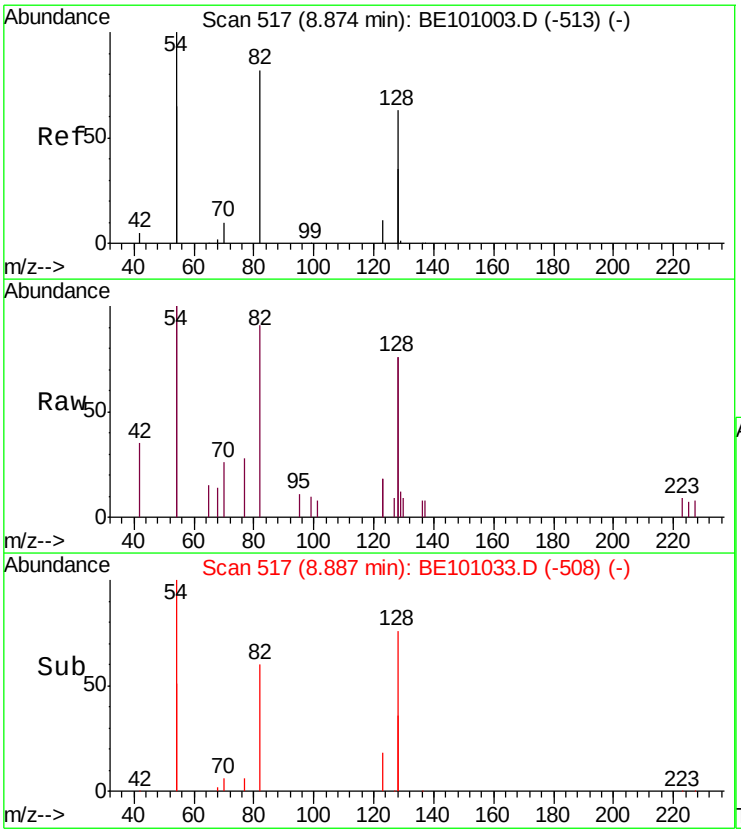
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15115

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	44.6	36.8	55.2
68	9.0	8.4	12.6

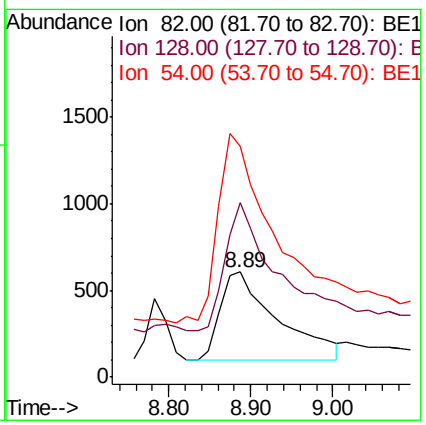


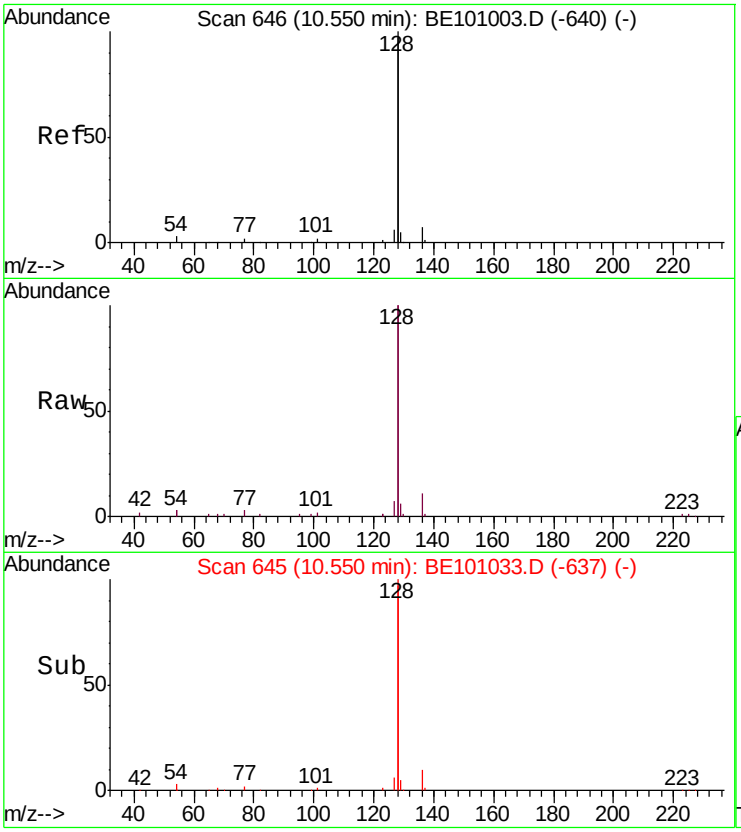


#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion: 82 Resp: 2465

Ion	Ratio	Lower	Upper
82	100		
128	166.1	109.8	164.6#
54	219.1	174.5	261.7



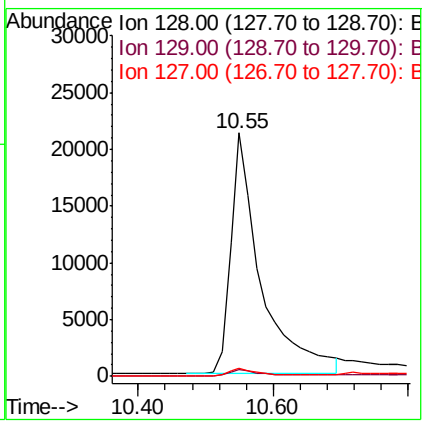


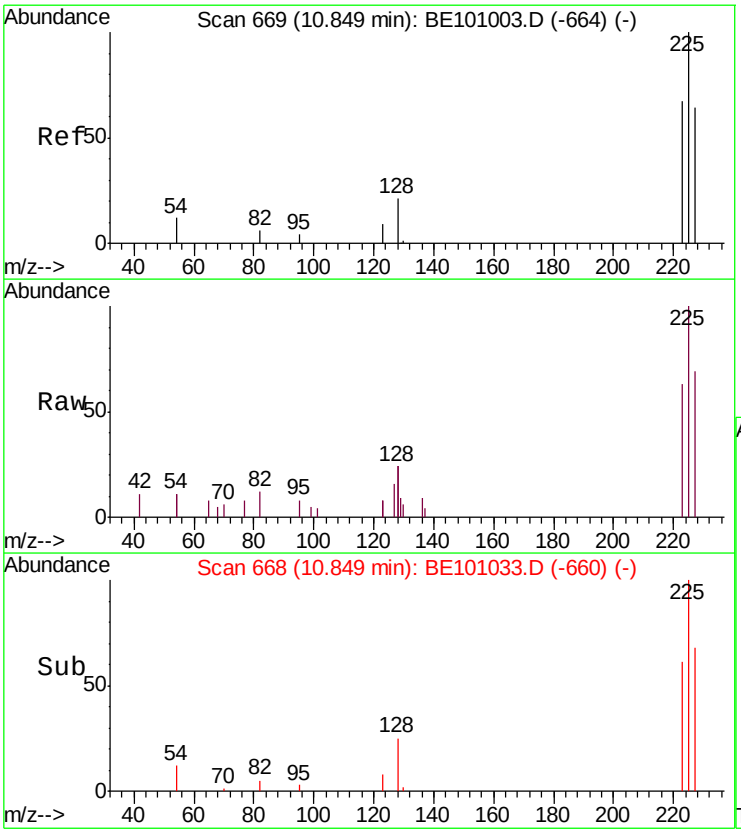
#9
Naphthalene
Concen: 0.391 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 65633

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.5	2.7	4.1

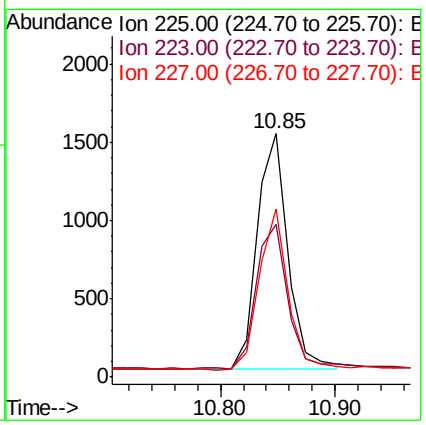


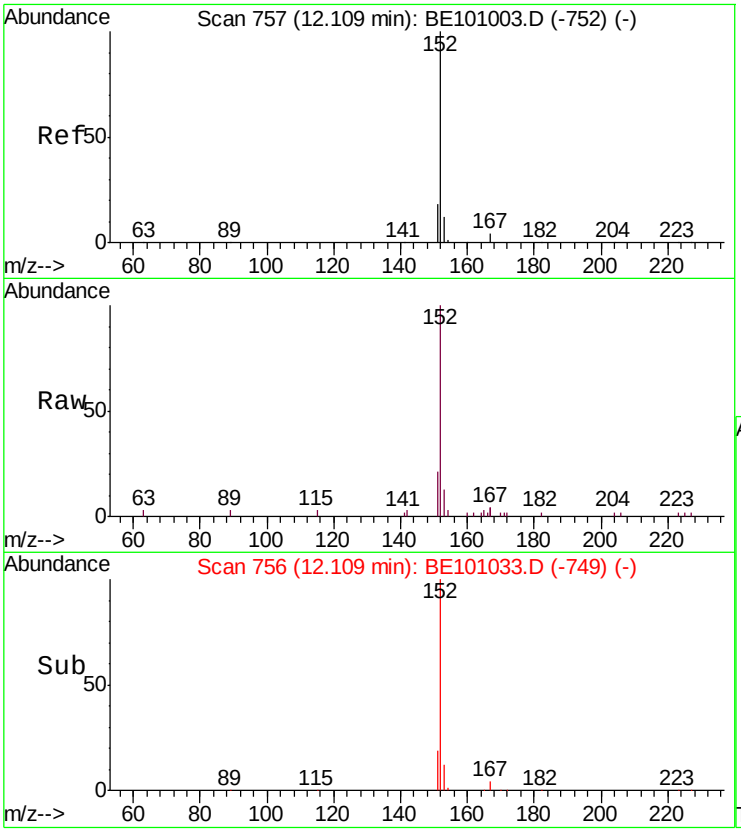


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:225 Resp: 2829

Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.4
227	63.9	49.9	74.9



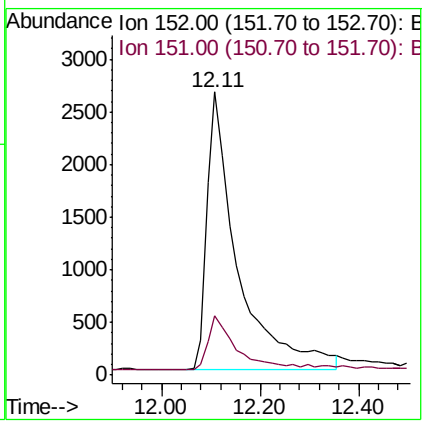


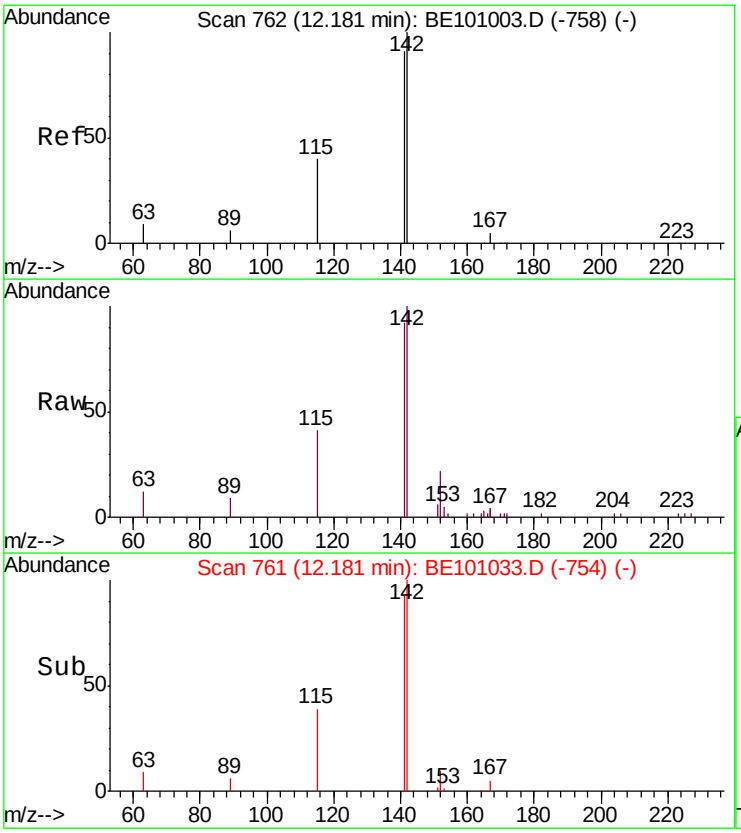
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11316

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

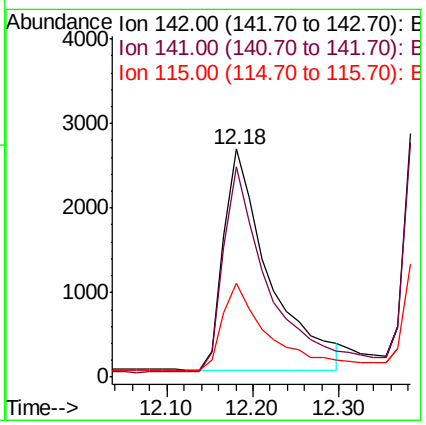


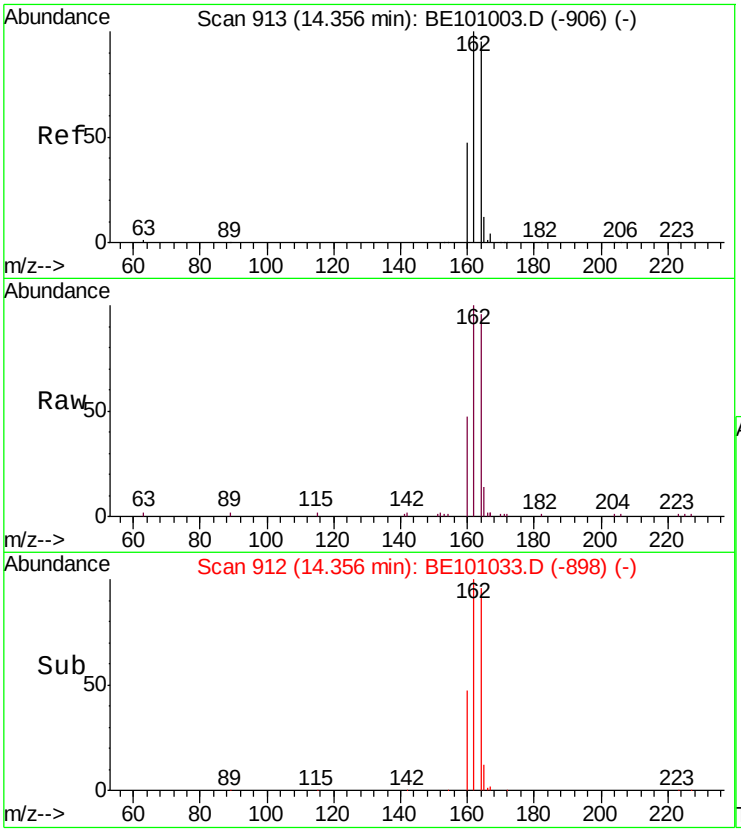


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.18 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:142 Resp: 9554

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.5	108.7
115	41.1	33.0	49.6



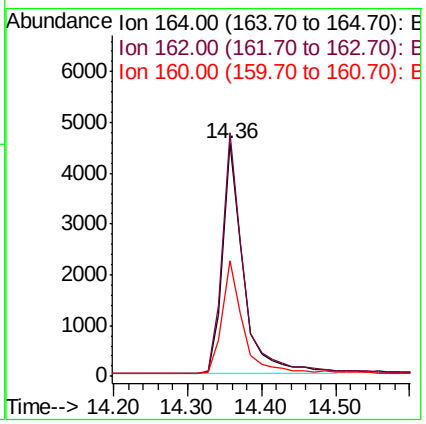


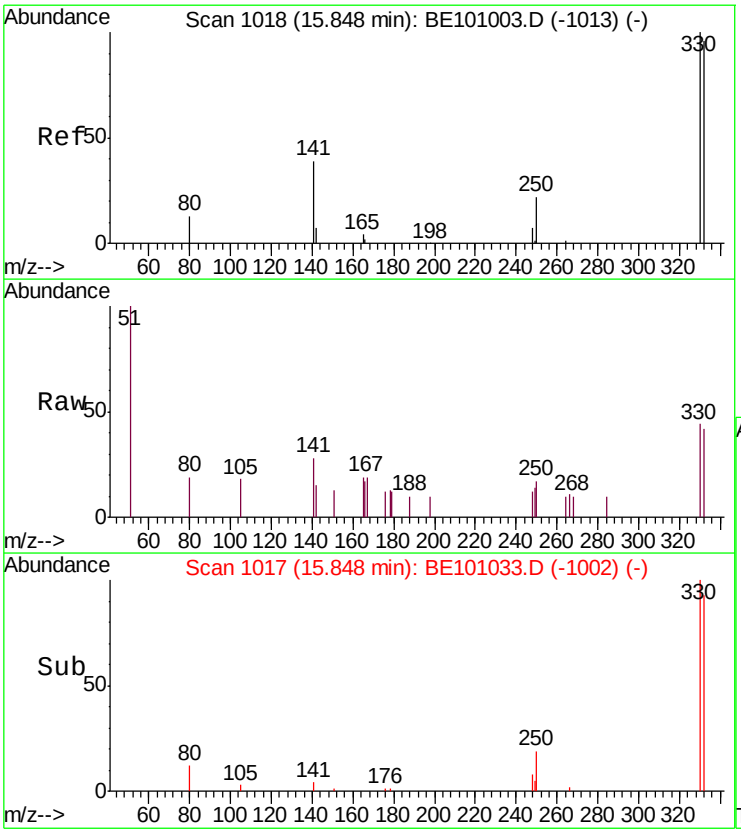
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8966

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.1	126.1
160	49.5	40.4	60.6

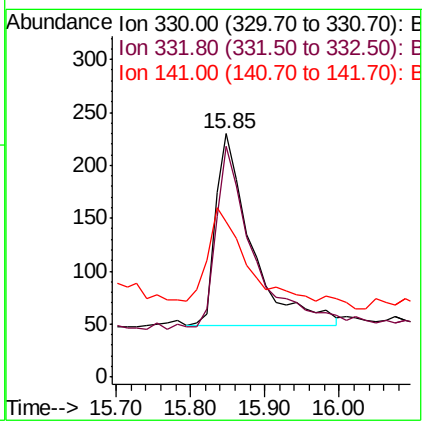


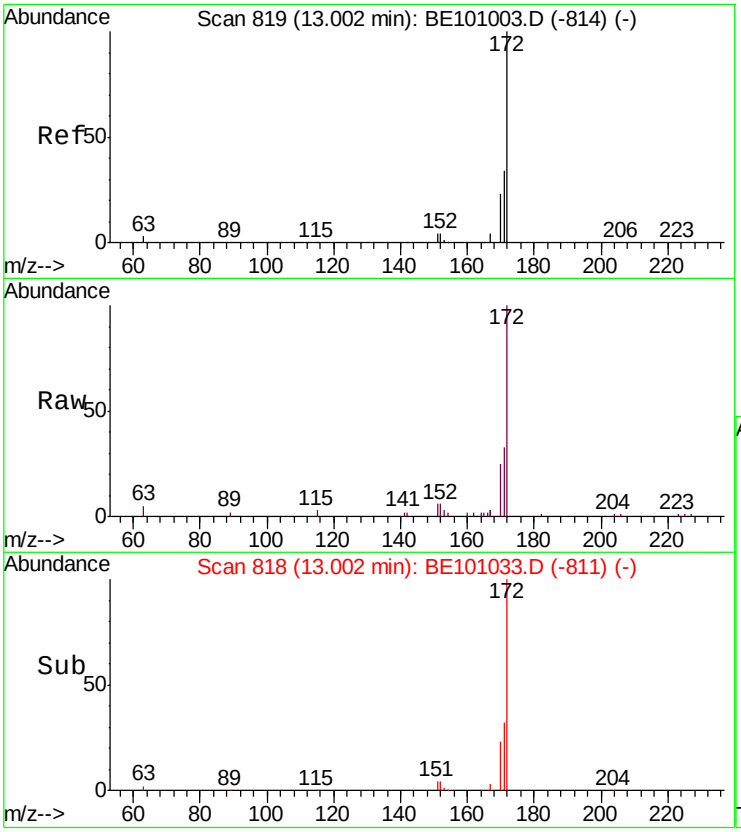


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.85 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:330 Resp: 606

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.4	117.6
141	49.5	37.0	55.4



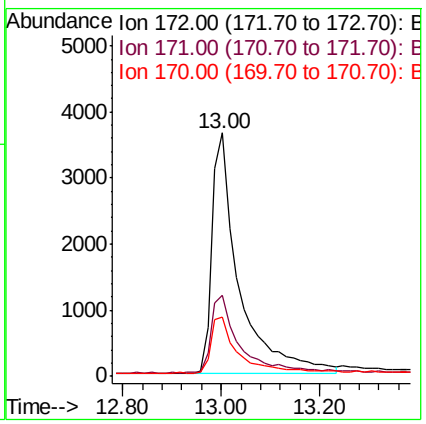


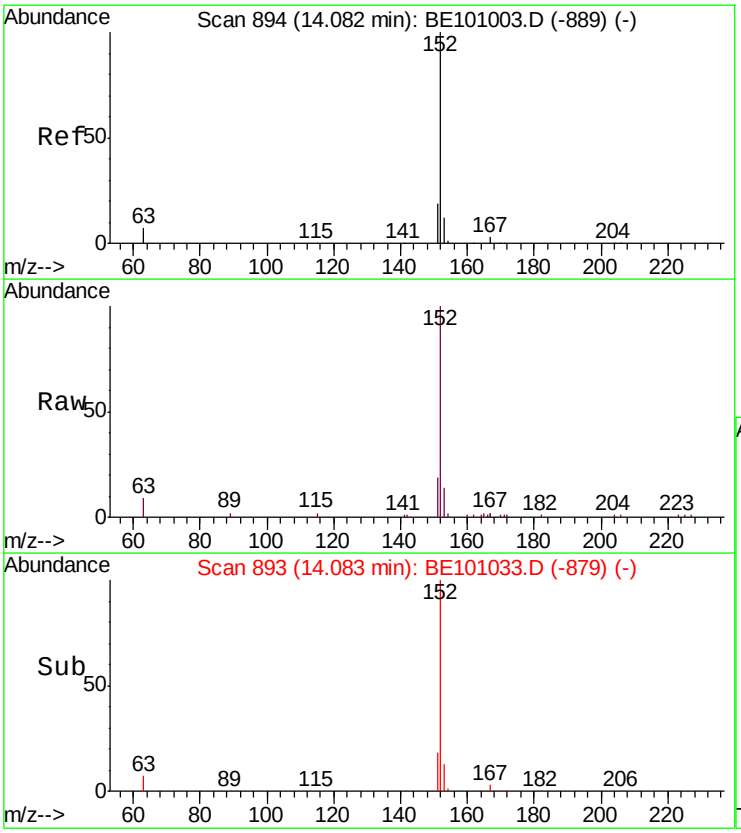
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13565

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.2	42.2
170	24.6	18.9	28.3

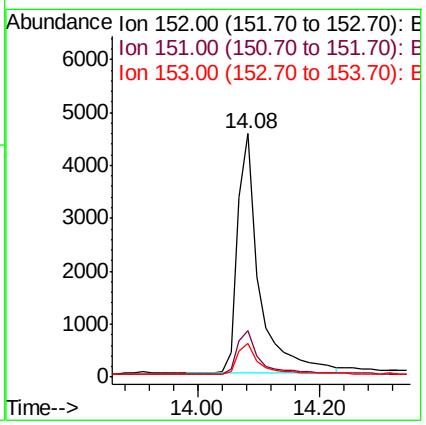


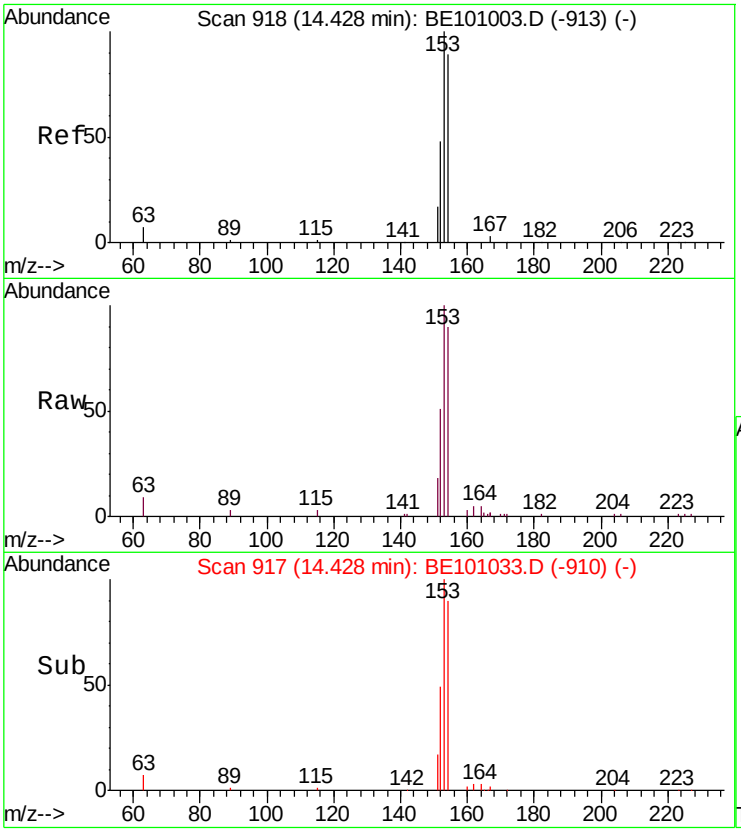


#16
Acenaphthylene
Concen: 0.311 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:152 Resp: 11367

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	12.9	10.4	15.6



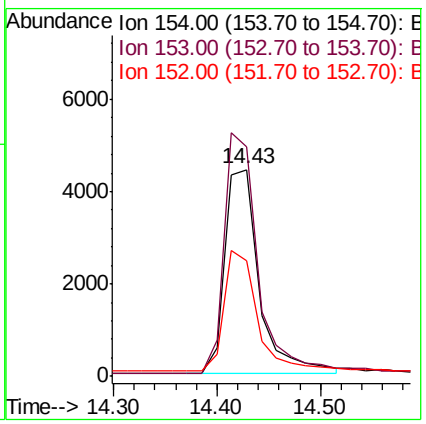


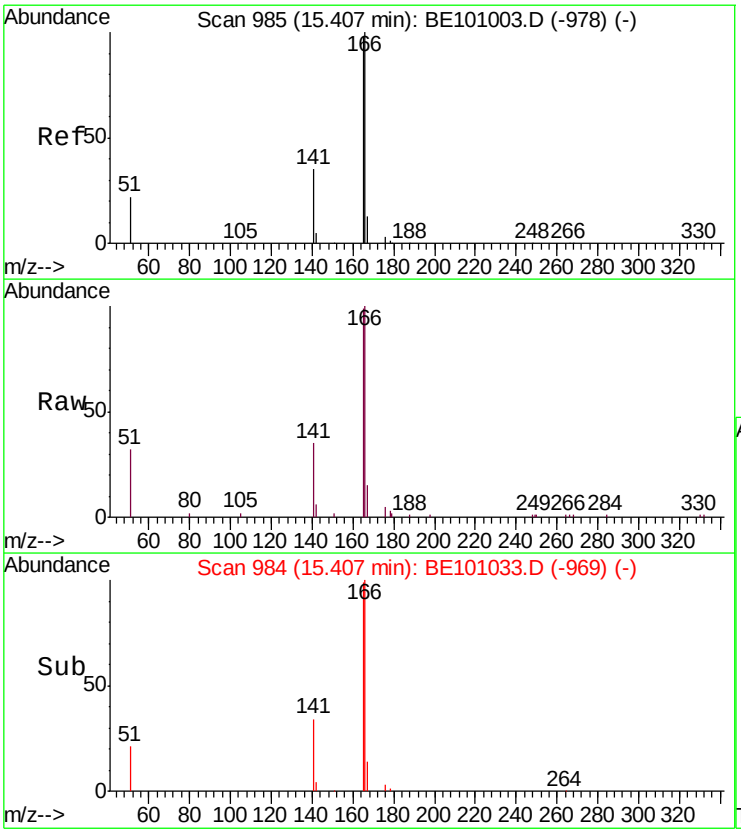
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10247

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.6	140.4
152	57.1	46.3	69.5

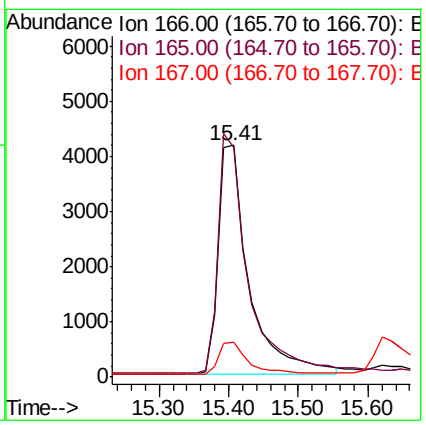


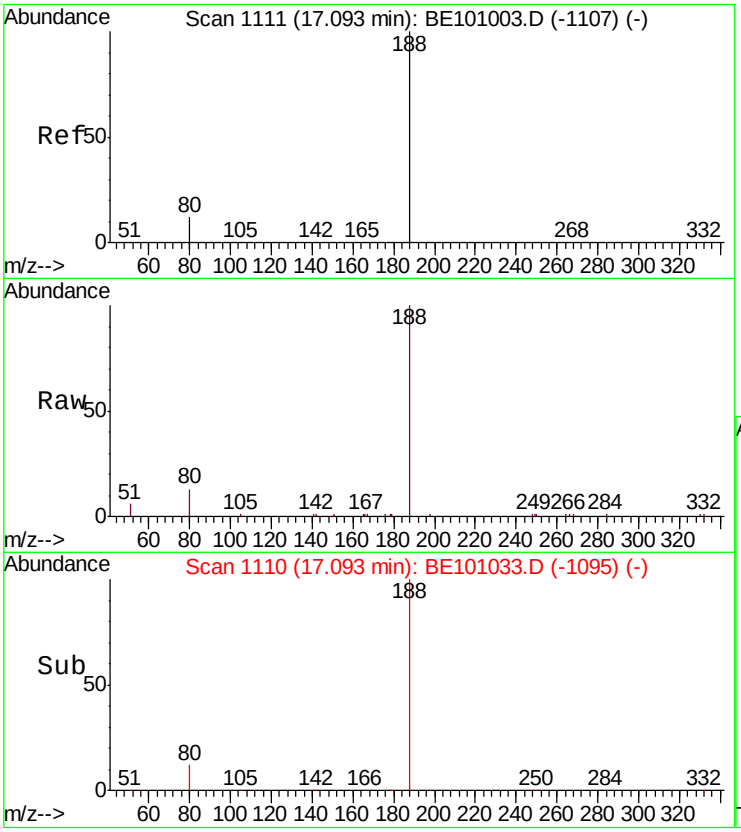


#18
Fluorene
Concen: 0.386 ng
RT: 15.41 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:166 Resp: 12744

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.6	11.0	16.6



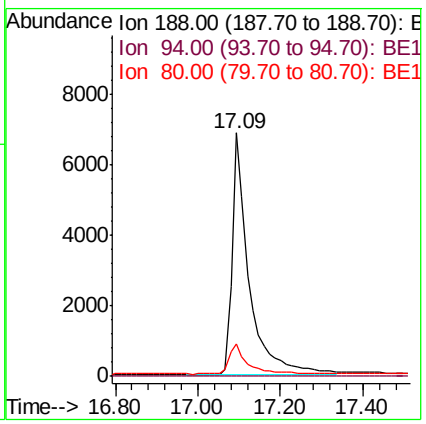


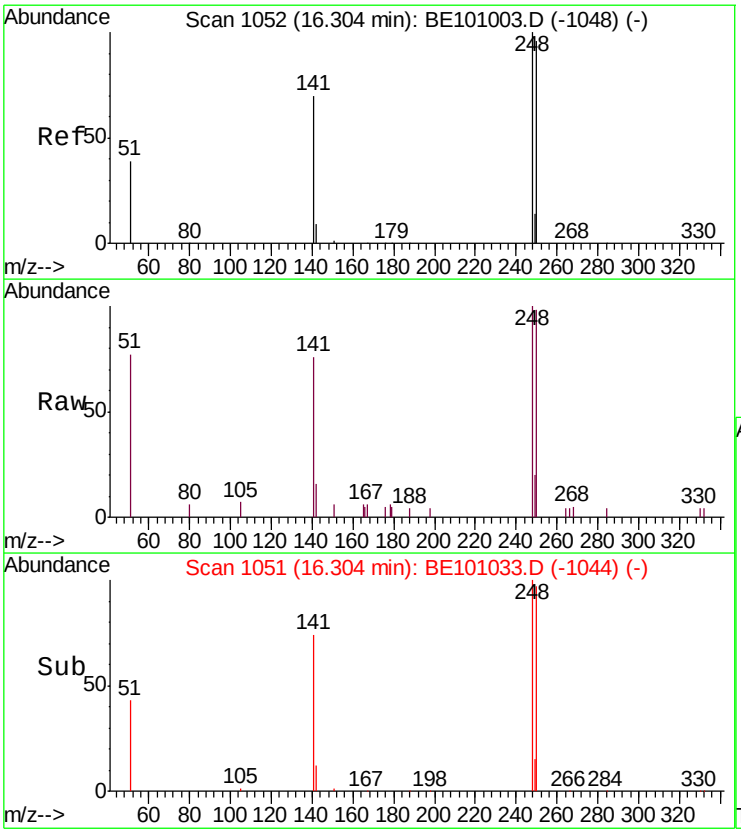
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 19411

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.8	16.2

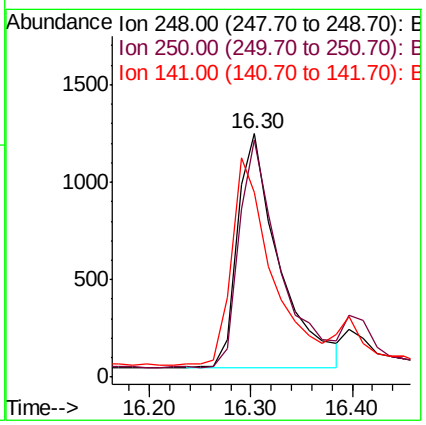


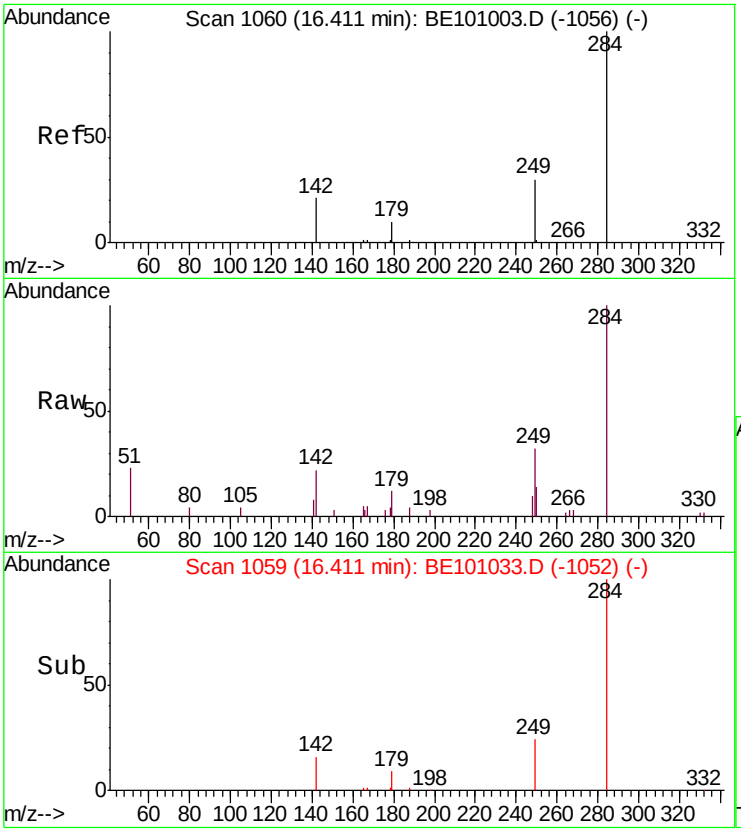


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.30 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:248 Resp: 3455

Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.6	115.0
141	75.7	57.7	86.5



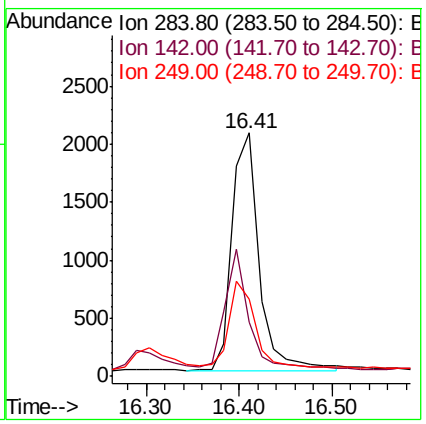


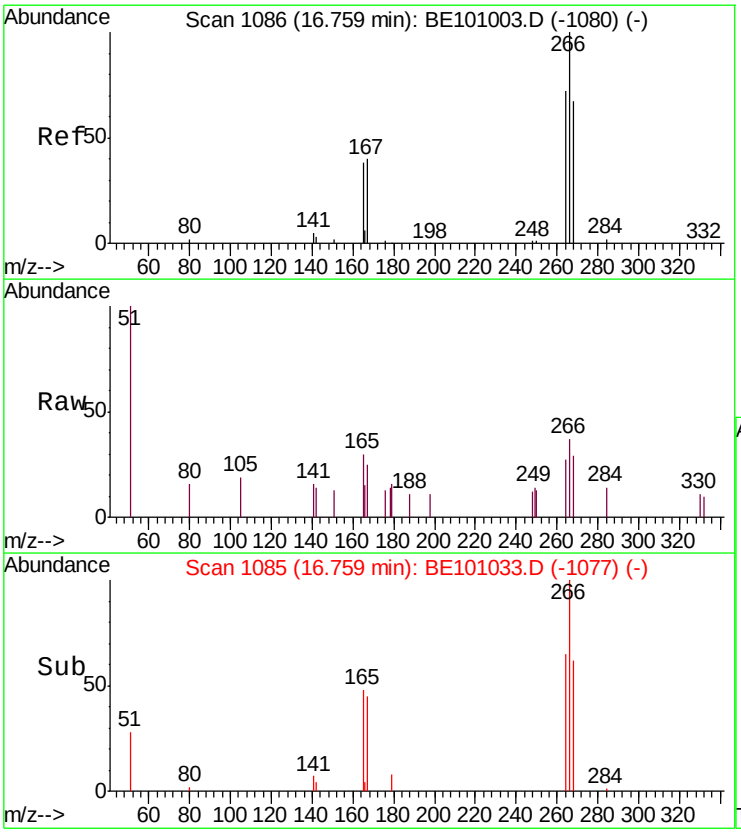
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4113

Ion	Ratio	Lower	Upper
284	100		
142	42.0	34.0	51.0
249	33.2	28.2	42.4

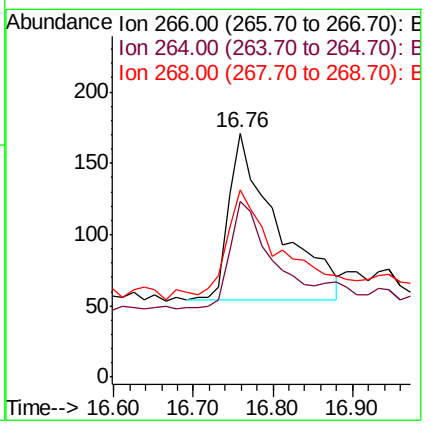


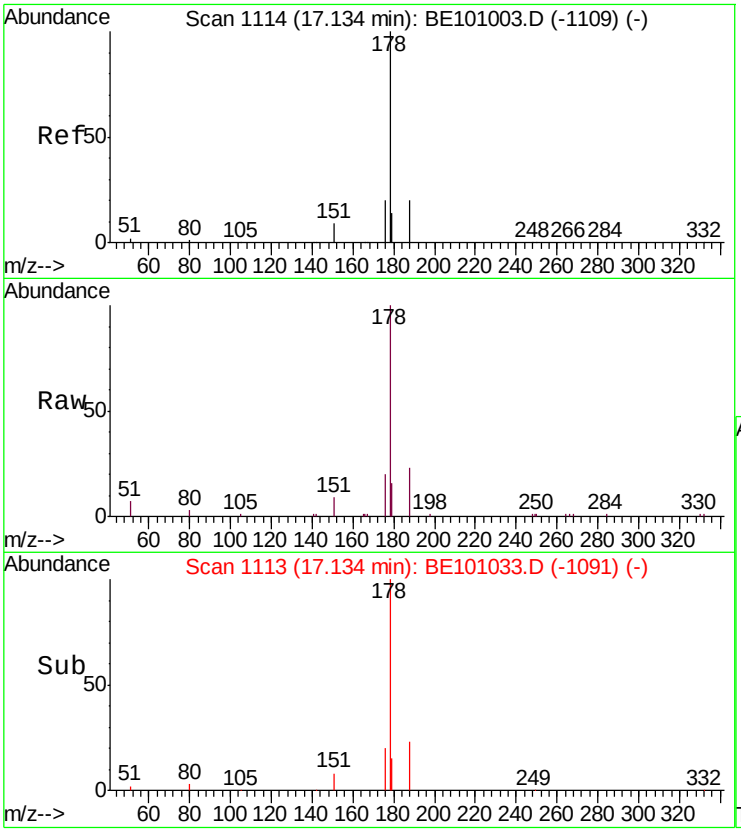


#22
Pentachlorophenol
Concen: 0.386 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:266 Resp: 496

Ion	Ratio	Lower	Upper
266	100		
264	71.9	61.0	91.4
268	76.6	58.5	87.7



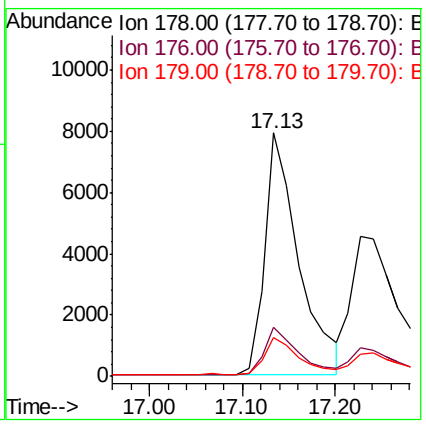


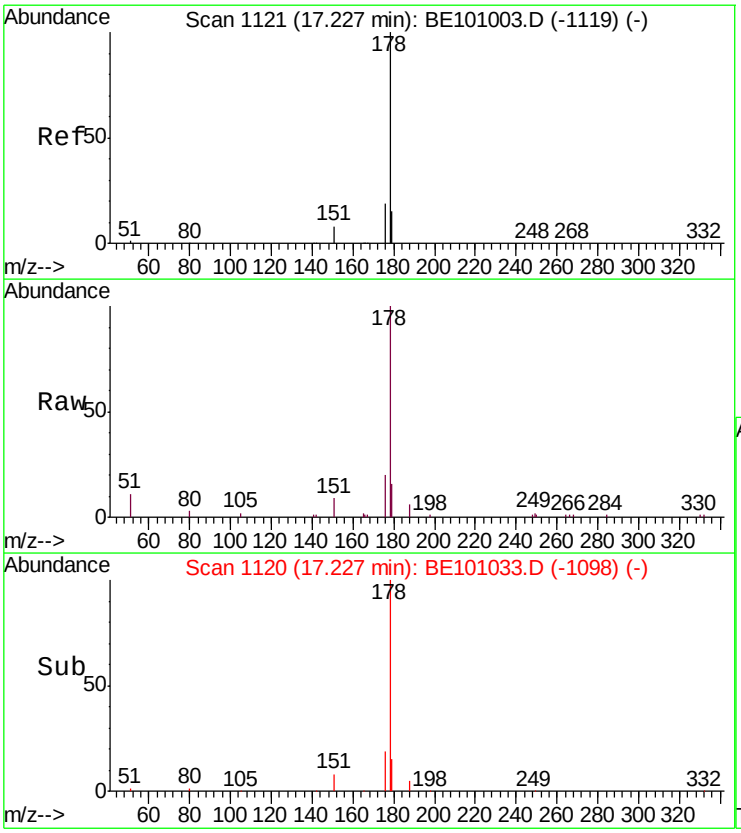
#23
Phenanthrene
Concen: 0.378 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20022

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.3	12.0	18.0

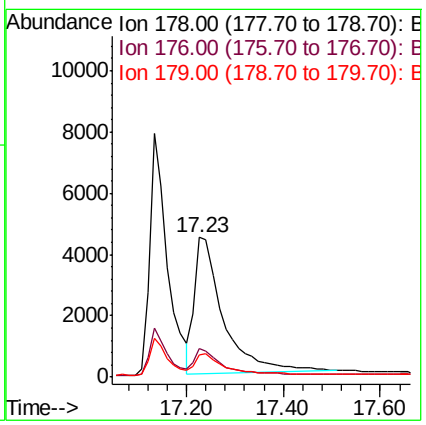


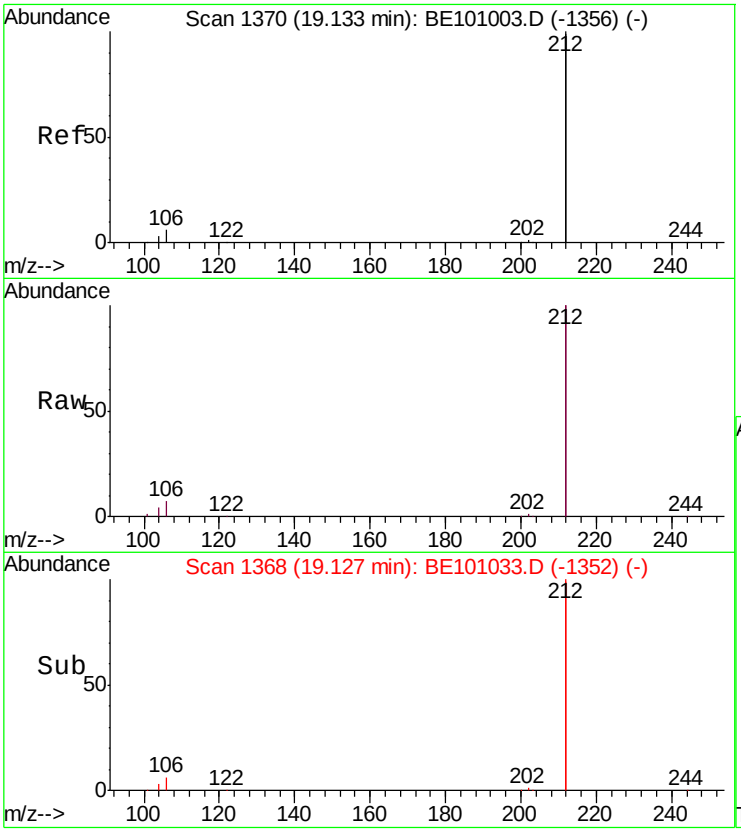


#24
Anthracene
Concen: 0.362 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:178 Resp: 18097

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.4	18.6



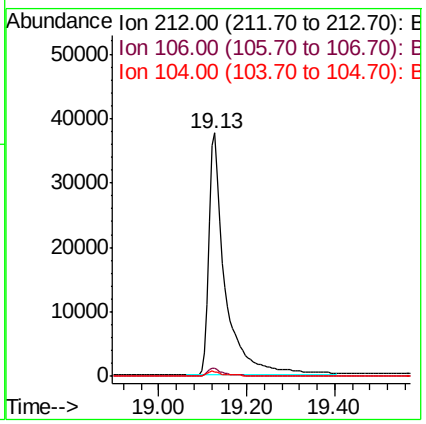


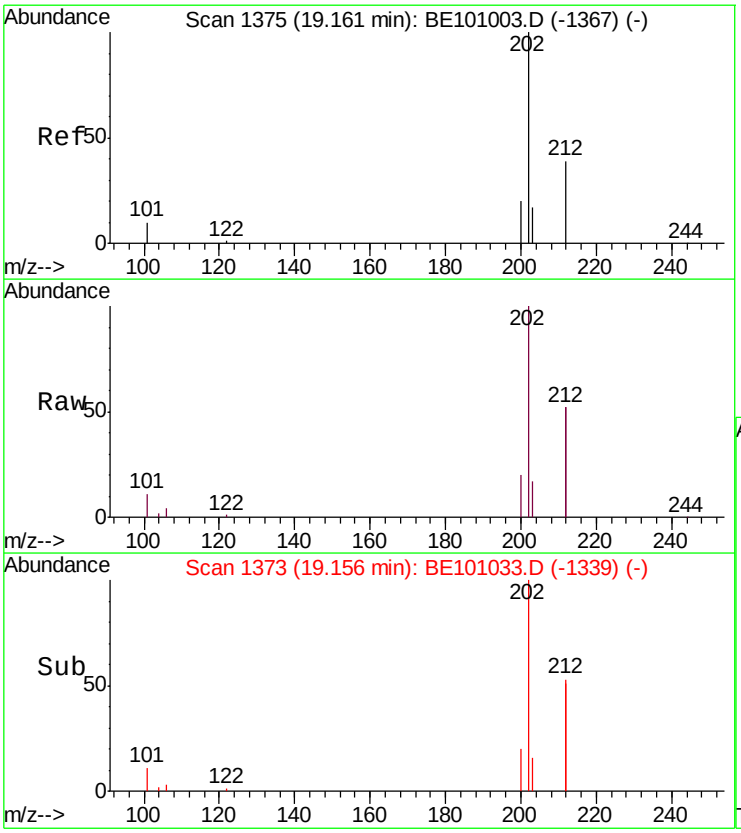
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 96908

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.0

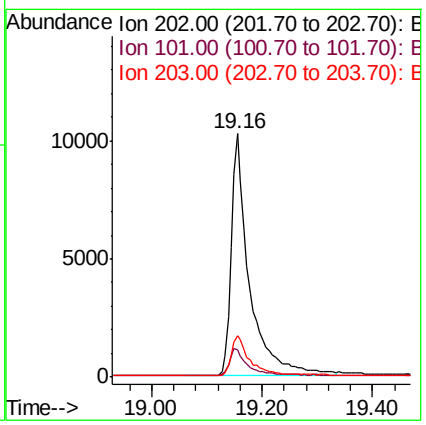


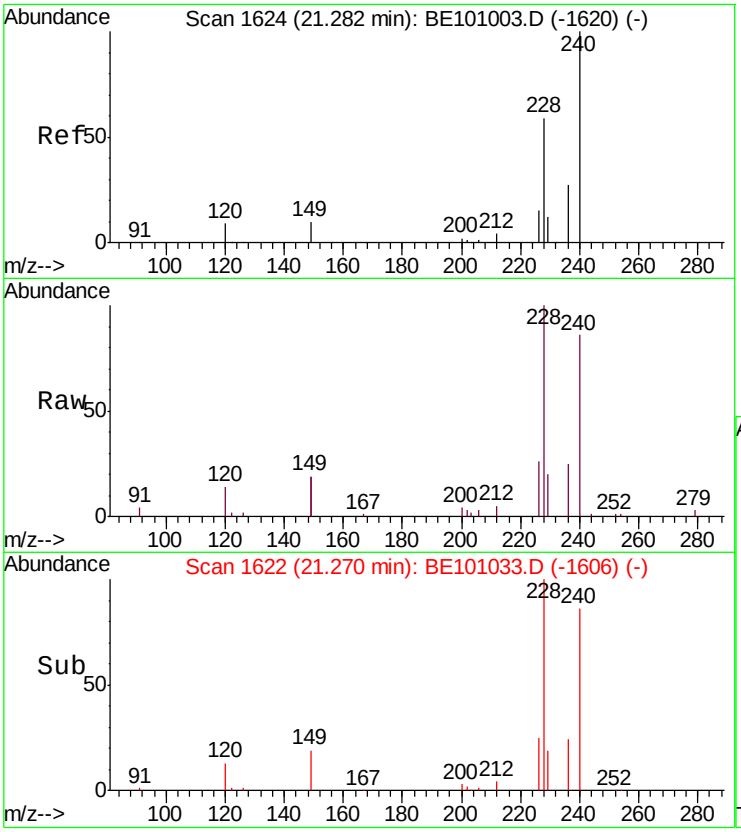


#26
Fluoranthene
Concen: 0.356 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:202 Resp: 23662

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.6	14.4
203	16.8	13.8	20.6



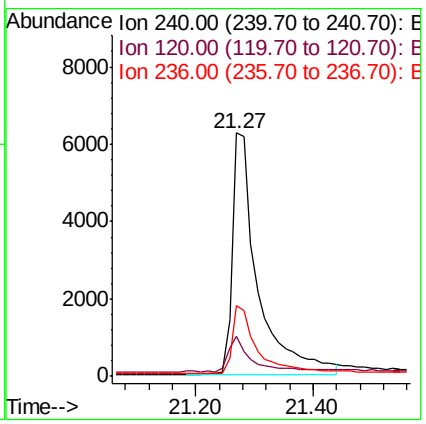


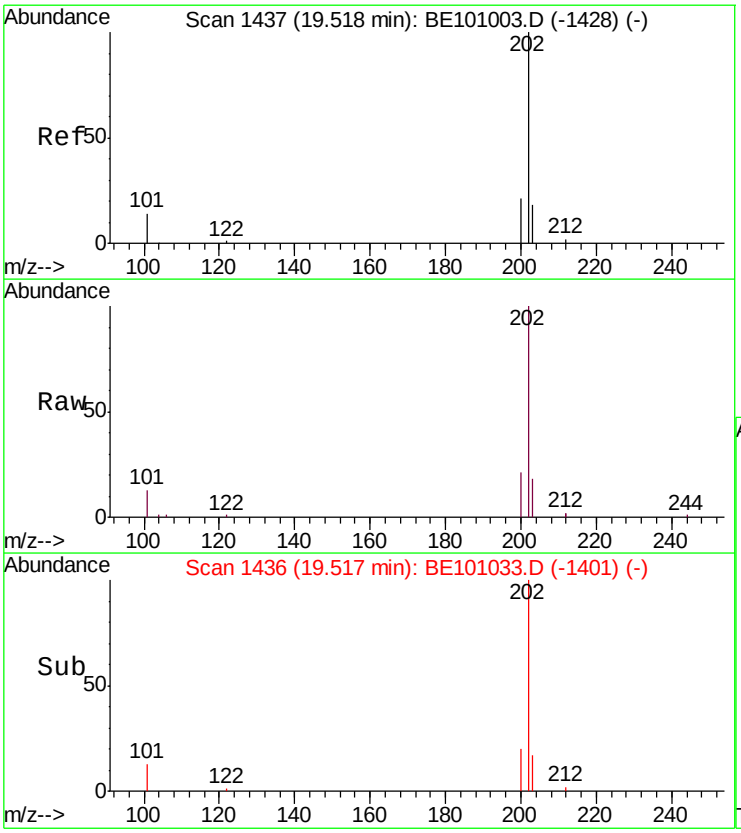
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 18822

Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.6	13.0#
236	29.1	22.2	33.4

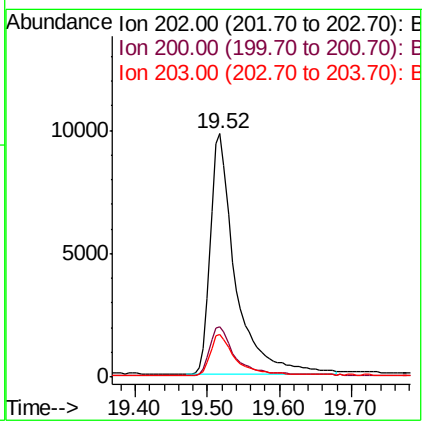


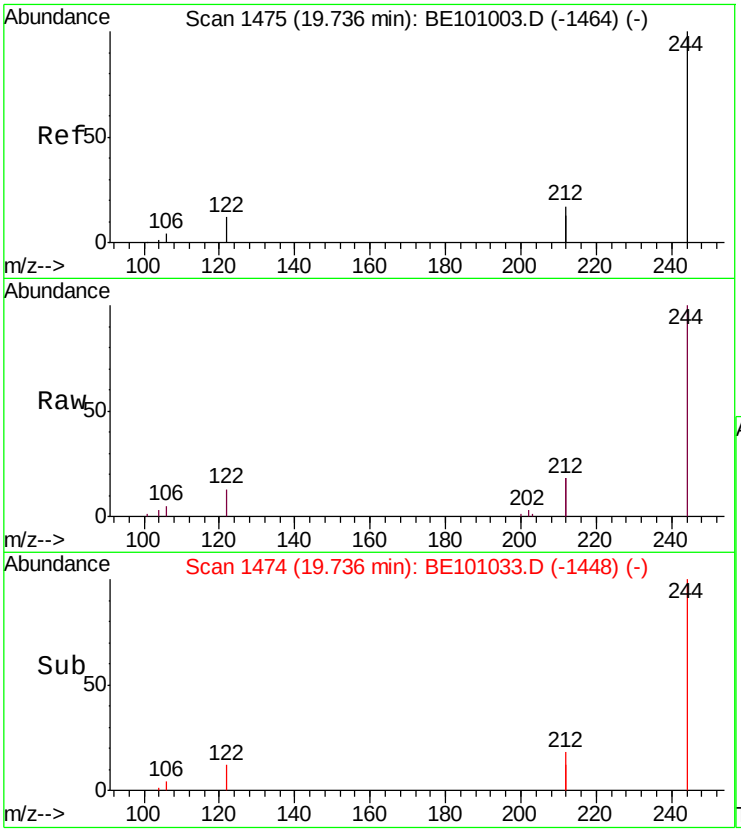


#28
Pyrene
Concen: 0.338 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:202 Resp: 23684

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.3	13.8	20.6



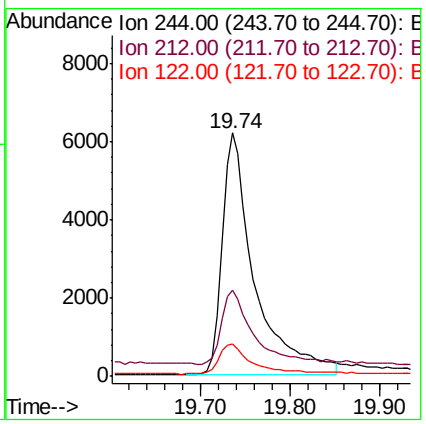


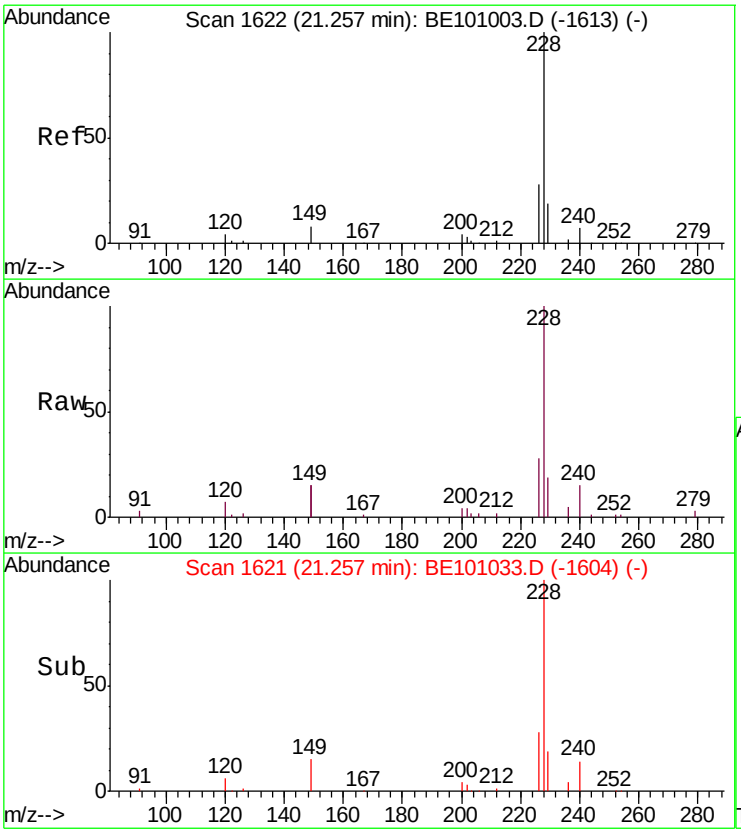
#29
Terphenyl-d14
Concen: 0.332 ng
RT: 19.74 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15327

Ion	Ratio	Lower	Upper
244	100		
212	35.6	27.2	40.8
122	13.1	9.8	14.8

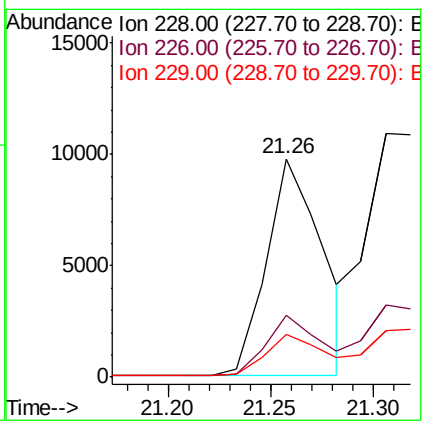


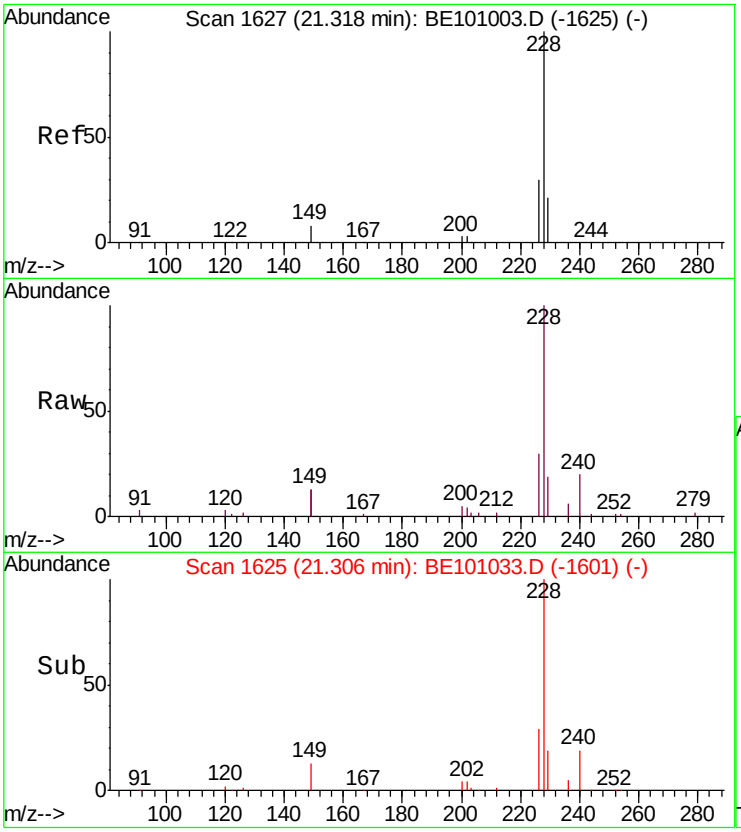


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:228 Resp: 18512

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	19.4	15.5	23.3



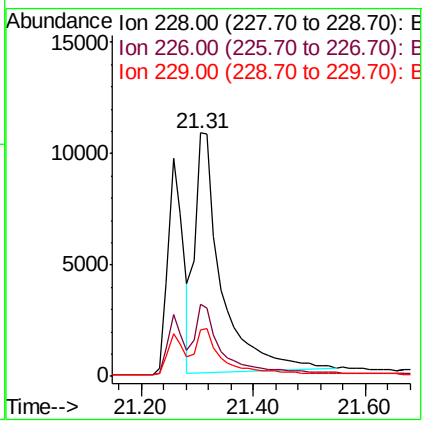


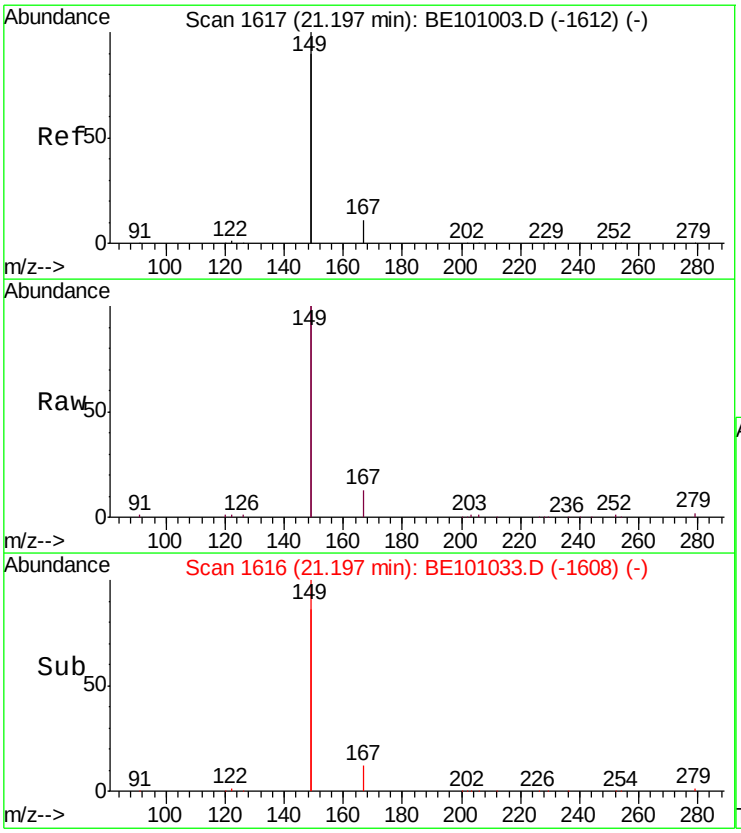
#31
Chrysene
Concen: 0.445 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 35527

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.2	16.7	25.1

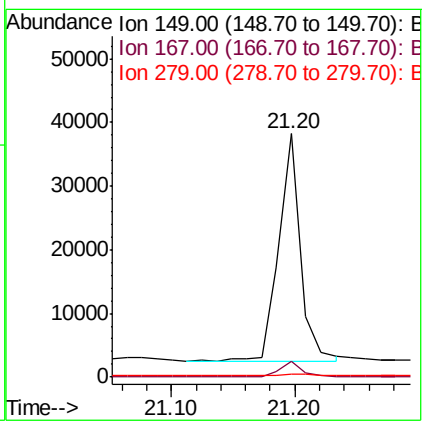


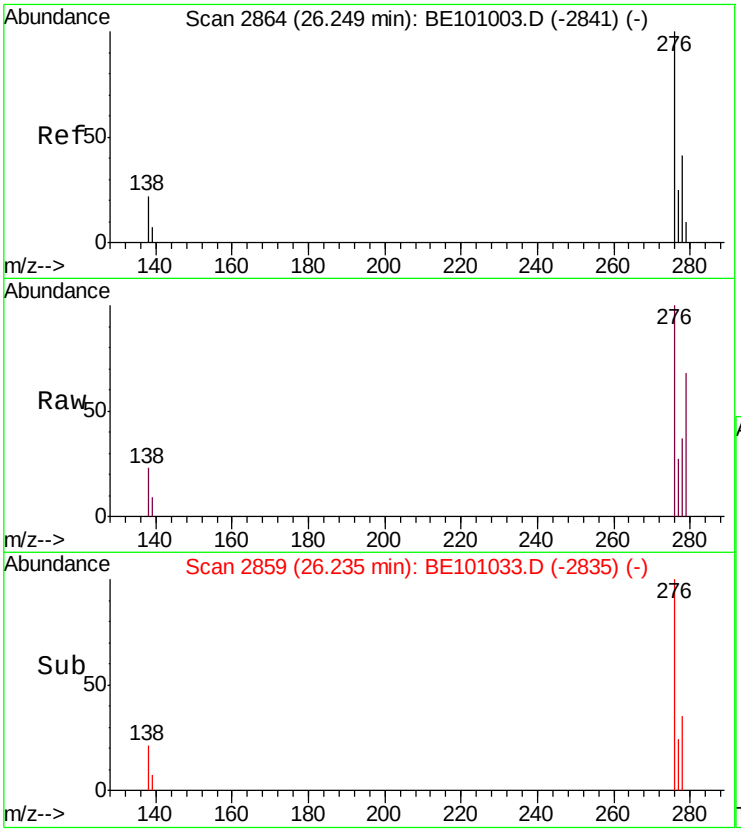


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.497 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:149 Resp: 44436

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.2	7.8
279	1.2	0.8	1.2



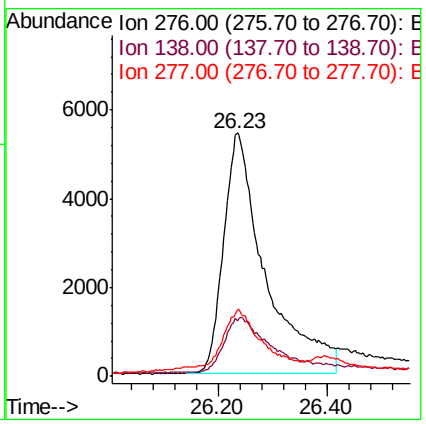


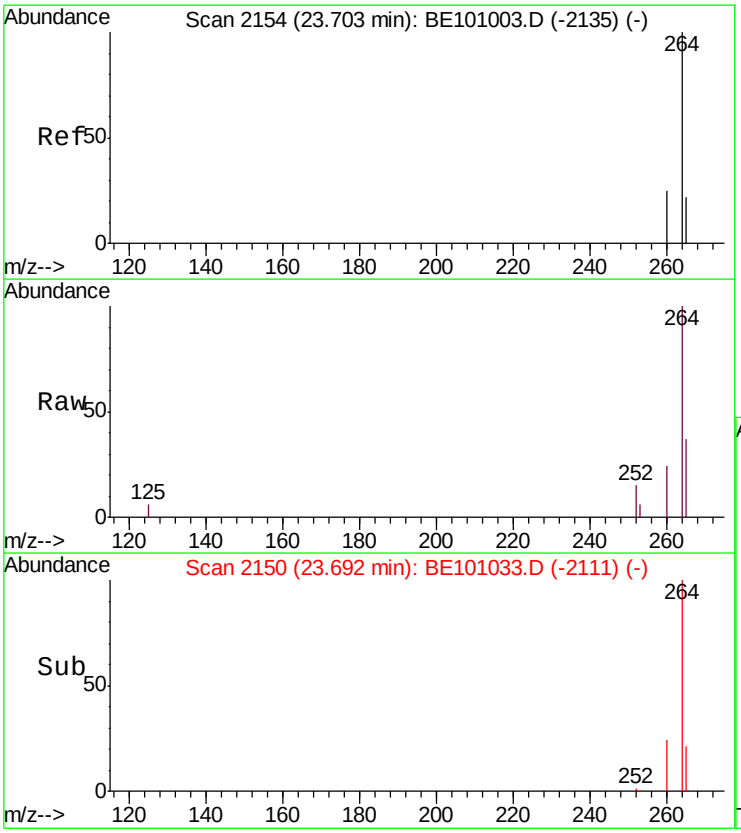
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 29125

Ion	Ratio	Lower	Upper
276	100		
138	23.8	16.1	24.1
277	20.0	18.1	27.1

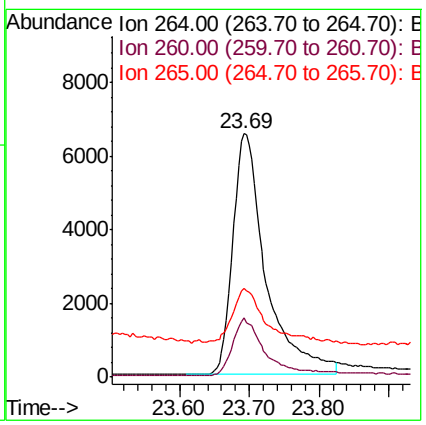


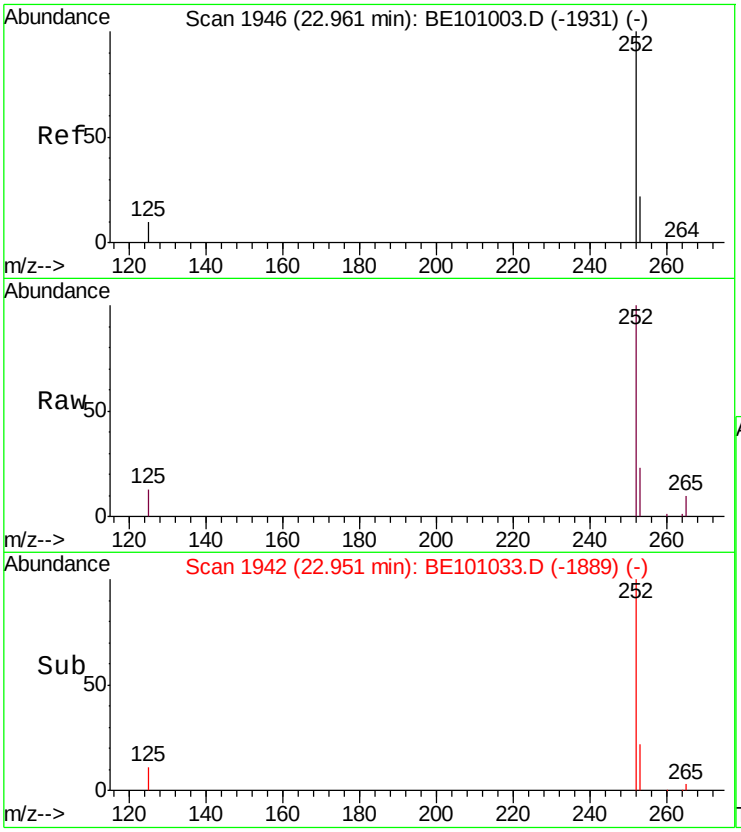


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:264 Resp: 21480

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	36.6	27.0	40.4



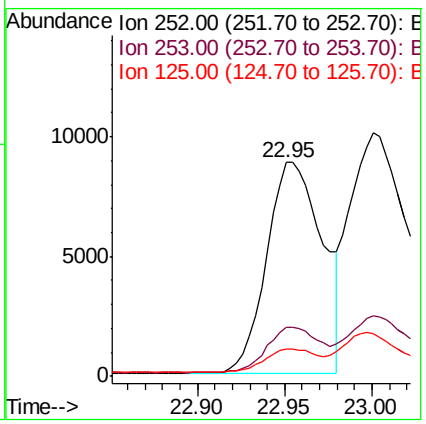


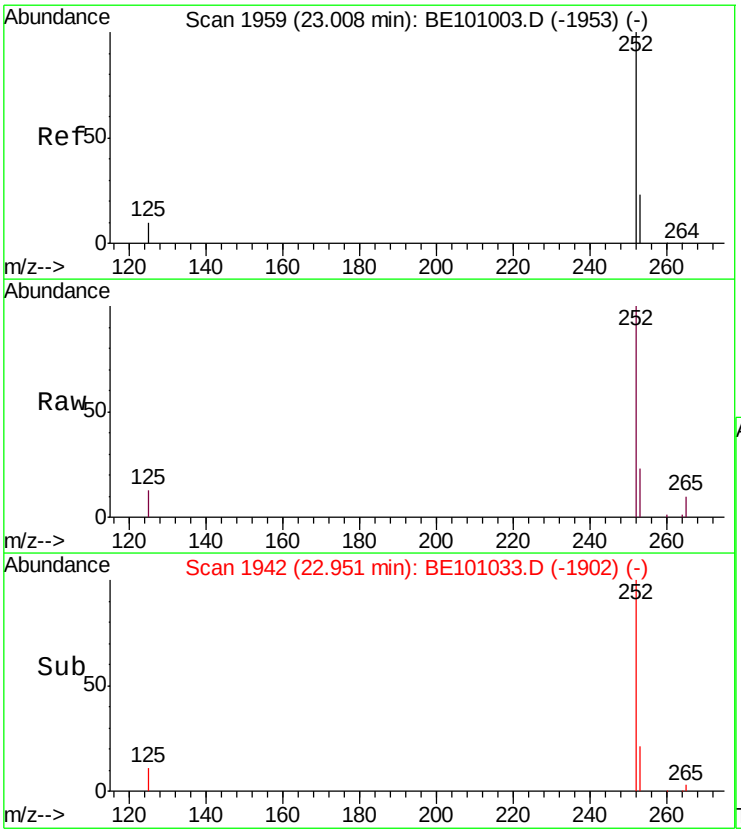
#35
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19531

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.8	9.5	14.3

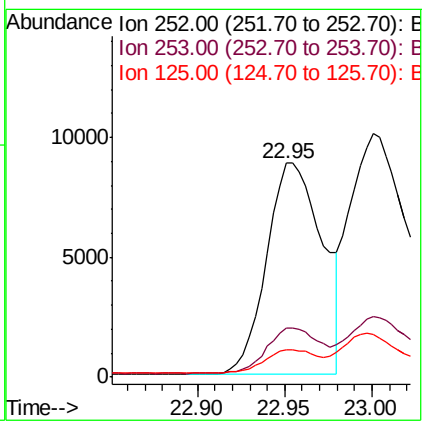


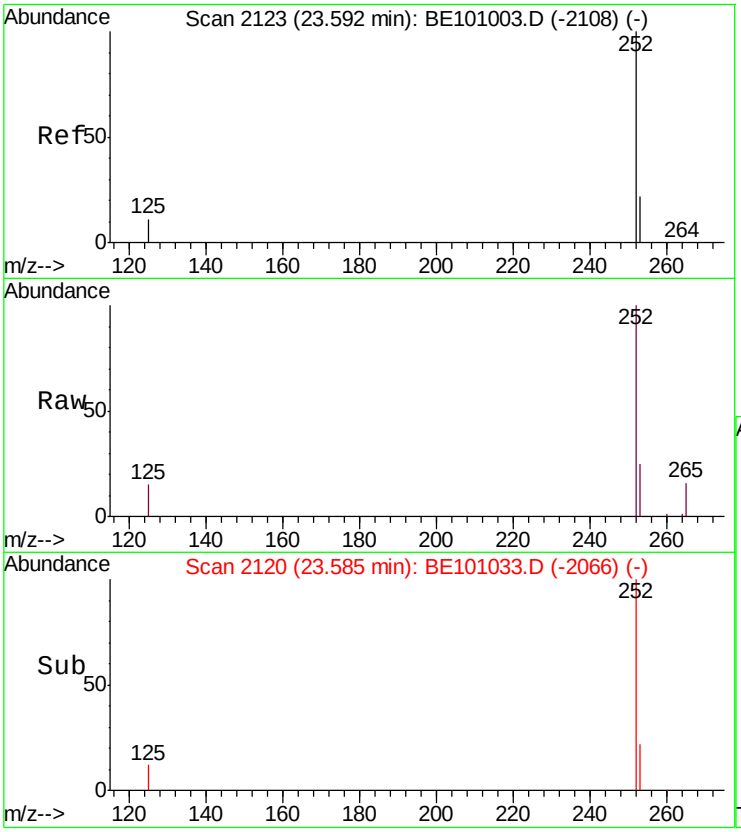


#36
Benzo(k)fluoranthene
Concen: 0.224 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:252 Resp: 19531

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	12.8	10.1	15.1



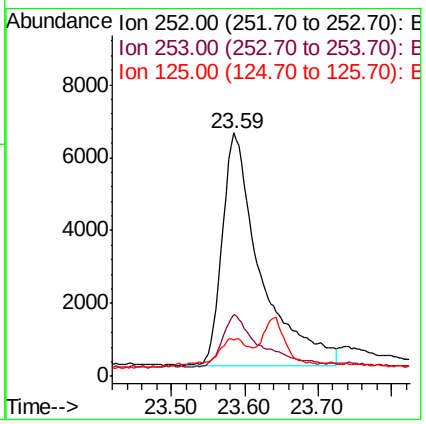


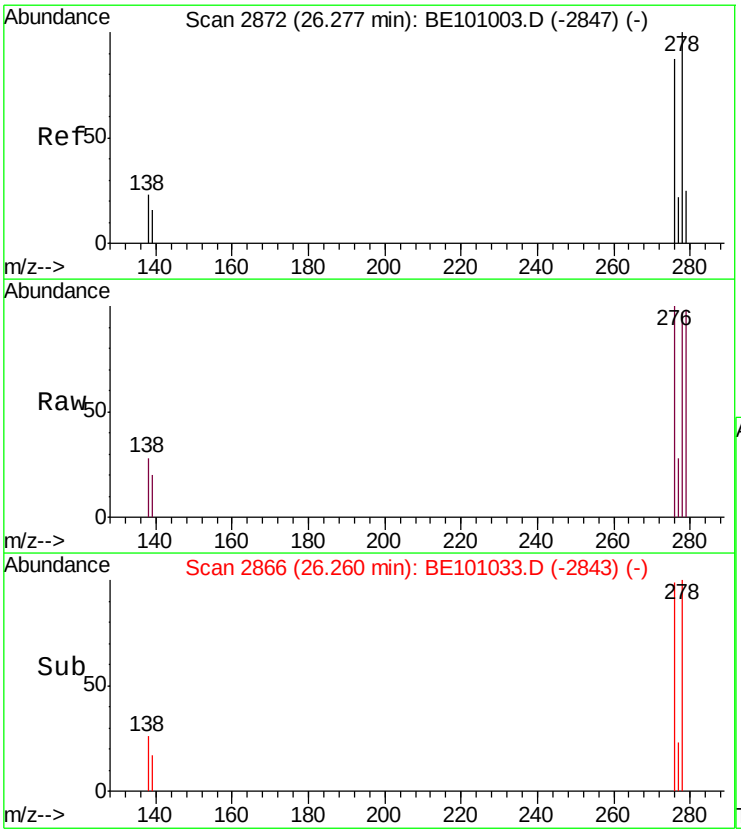
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.59 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23207

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.4	29.2
125	14.9	11.8	17.6

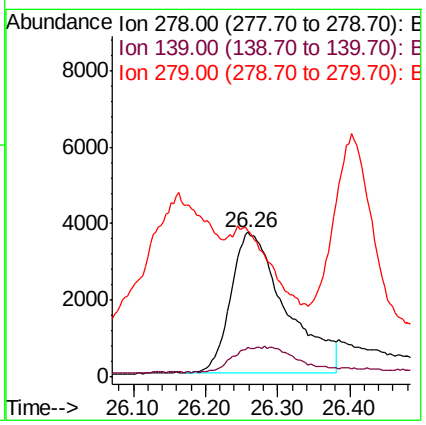


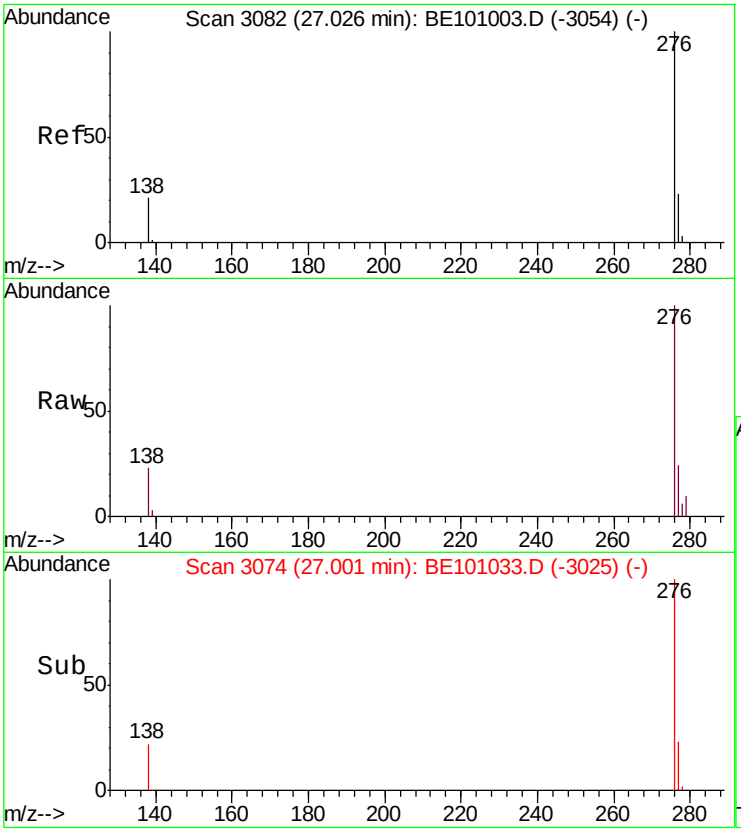


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.26 min Scan# 2866
Delta R.T. -0.02 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Tgt Ion:278 Resp: 19060

Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.0	22.4
279	101.2	22.6	33.8#





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.00 min Scan# 3074
Delta R.T. -0.02 min
Lab File: BE101033.D
Acq: 10 Jan 2020 21:20

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25212

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	23.3	17.9	26.9